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

DATA PACKAGE

SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : 120 PETRO NJ

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q2921

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q2921

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

Cover Page

Order ID : Q2921

Project ID : 120 Petro NJ

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2921-01	MW1

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 : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 8:34 am, Sep 02, 2025

Date: 8/30/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

G Environmental
Project Name: 120 Petro NJ
Project # N/A
Order ID # Q2921
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
1 Water sample was received on 08/20/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: 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 were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration method (82N082125W.M) for Methylene Chloride passing on Linear regression.

The Continuous Calibration met the requirements.
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.

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

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

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___ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 8:37 am, Sep 02, 2025

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

CASE NARRATIVE

G Environmental
Project Name: 120 Petro NJ
Project # N/A
Order ID # Q2921
Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:
1 Water sample was received on 08/20/2025.

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

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-GGA. The analysis of SVOCMS Group1 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 were met for all analysis except for MW-201-082025MS [Nitrobenzene-d5 - 148%], MW-201-082025MSD [Nitrobenzene-d5 - 149%],as per method one surrogate is allowed to failed, therefore no corrective action was taken.

The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The MS {Q2924-03MS} with File ID: BP025602.D recoveries met the requirements for all compounds except for 2,2-oxybis(1-Chloropropane)[33%], 2,4-Dichlorophenol[157%], 2,4-Dimethylphenol[147%], 2-Methylnaphthalene[-233%], 2-Nitrophenol[168%], 4-Chloro-3-methylphenol[149%], Acetophenone[170%], Hexachlorobutadiene[139%], Hexachloroethane[181%], Isophorone[159%], Naphthalene[-777%] and Nitrobenzene[167%] due to matrix interference.

The MSD {Q2924-04MSD} with File ID: BP025603.D recoveries met the requirements for all compounds except for 2,2-oxybis(1-Chloropropane)[35%], 2,4-Dichlorophenol[162%], 2,4-Dimethylphenol[149%], 2-Methylnaphthalene[-133%], 2-Nitrophenol[172%], 4-Chloro-3-methylphenol[151%], Acetophenone[172%], Hexachlorobutadiene[142%], Hexachloroethane[184%], Isophorone[162%], Naphthalene[-190%] and Nitrobenzene[169%] due to matrix interference.

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

The RPD for {Q2924-04MSD} with File ID: BP025603.D met criteria except for 2-Methylnaphthalene[55%], Naphthalene[121%] due to difference in results of MS and MSD.

The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID BP025561.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde but no positive hit in associated sample therefore no corrective action taken.

The Continuous Calibration File ID BP025579.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde but no positive hit in associated sample therefore no corrective action taken.

The Continuous Calibration File ID BP025596.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde but no positive hit in associated sample therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 8 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___ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 8:38 am, Sep 02, 2025

284 Sheffield Street, Mountainside NJ 07092 Tel.
908-789-8900 Fax: 908-789-8922

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2921

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

QA Review Signature: SOHIL JODHANI **Date:** 08/30/2025

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

Hit Summary Sheet
SW-846

SDG No.: Q2921

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW1**								
Q2921-01	MW1	Water	Acetone		4.50	J	1.50	5.00	ug/L
Q2921-01	MW1	Water	Toluene		1.80		0.14	1.00	ug/L
Q2921-01	MW1	Water	Ethyl Benzene		0.90	J	0.13	1.00	ug/L
Q2921-01	MW1	Water	m/p-Xylenes		3.00		0.24	2.00	ug/L
Q2921-01	MW1	Water	o-Xylene		3.70		0.12	1.00	ug/L
			Total Voc :		13.9				
Q2921-01	MW1	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	7.60	J	0	0	ug/L
Q2921-01	MW1	Water	Benzene, 2-ethenyl-1,4-dimethy	*	20.7	J	0	0	ug/L
Q2921-01	MW1	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	11.9	J	0	0	ug/L
Q2921-01	MW1	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	6.30	J	0	0	ug/L
Q2921-01	MW1	Water	1H-Indene, 2,3-dihydro-4,7-din	*	5.60	J	0	0	ug/L
Q2921-01	MW1	Water	1H-Indene, 2,3-dihydro-1,2-din	*	5.90	J	0	0	ug/L
Q2921-01	MW1	Water	Undecane, 4,7-dimethyl-	*	5.20	J	0	0	ug/L
Q2921-01	MW1	Water	2,2-Dimethylindene, 2,3-dihydı	*	8.50	J	0	0	ug/L
Q2921-01	MW1	Water	2,3,4,5,6,7-Hexahydro-1H-cycl	*	8.70	J	0	0	ug/L
Q2921-01	MW1	Water	n-propylbenzene	*	0.36	J	0.13	1.00	ug/L
Q2921-01	MW1	Water	1,3,5-Trimethylbenzene	*	2.20	J	0.15	1.00	ug/L
Q2921-01	MW1	Water	1,2,4-Trimethylbenzene	*	2.90	J	0.14	1.00	ug/L
			Total Tics :		85.9				
			Total Concentration:		99.8				

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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW1	SDG No.:	Q2921
Lab Sample ID:	Q2921-01	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:	Date Analyzed	Prep Batch ID
VN087659.D	1	08/25/25 15:43	VN082525

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
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	4.50	J	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
108-88-3	Toluene	1.80		0.14	1.00	ug/L

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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW1	SDG No.:	Q2921
Lab Sample ID:	Q2921-01	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:	Date Analyzed	Prep Batch ID
VN087659.D	1	08/25/25 15:43	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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	0.90	J	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	3.00		0.24	2.00	ug/L
95-47-6	o-Xylene	3.70		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	55.0		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	48.0		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.8		77 - 121	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	170000	8.206			
540-36-3	1,4-Difluorobenzene	395000	9.083			
3114-55-4	Chlorobenzene-d5	376000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	178000	13.77			
TENTATIVE IDENTIFIED COMPOUNDS						

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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW1	SDG No.:	Q2921
Lab Sample ID:	Q2921-01	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:	Date Analyzed	Prep Batch ID
VN087659.D	1	08/25/25 15:43	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
103-65-1	n-propylbenzene	0.36	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	2.20	J		13.2	ug/L
95-63-6	1,2,4-Trimethylbenzene	2.90	J		13.5	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	20.7	J		15.0	ug/L
000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	7.60	J		15.2	ug/L
017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethy	5.90	J		15.3	ug/L
020836-11-7	2,2-Dimethylindene, 2,3-dihydro-	8.50	J		15.4	ug/L
017301-32-5	Undecane, 4,7-dimethyl-	5.20	J		15.8	ug/L
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	5.60	J		15.9	ug/L
1010189-31-0	2,3,4,5,6,7-Hexahydro-1H-cyclopent	8.70	J		16.1	ug/L
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	11.9	J		16.5	ug/L
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	6.30	J		16.7	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,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q2921

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2921-01	MW1	1,2-Dichloroethane-d4	50	55.0	110		74	125
		Dibromofluoromethane	50	50.2	100		75	124
		Toluene-d8	50	48.0	96		86	113
		4-Bromofluorobenzene	50	47.8	96		77	121
VN0825WBL01	VN0825WBL01	1,2-Dichloroethane-d4	50	52.3	105		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	48.2	96		86	113
		4-Bromofluorobenzene	50	46.5	93		77	121
VN0825WBS01	VN0825WBS01	1,2-Dichloroethane-d4	50	46.9	94		74	125
		Dibromofluoromethane	50	46.0	92		75	124
		Toluene-d8	50	45.3	91		86	113
		4-Bromofluorobenzene	50	44.8	90		77	121
VN0825WBSD0	VN0825WBSD01	1,2-Dichloroethane-d4	50	46.4	93		74	125
		Dibromofluoromethane	50	46.9	94		75	124
		Toluene-d8	50	46.2	92		86	113
		4-Bromofluorobenzene	50	46.4	93		77	121

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2921 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087650.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0825WBS01	Dichlorodifluoromethane	20	19.6	ug/L	98			69	116	
	Chloromethane	20	19.2	ug/L	96			65	116	
	Vinyl chloride	20	18.6	ug/L	93			65	117	
	Bromomethane	20	19.5	ug/L	98			58	125	
	Chloroethane	20	18.3	ug/L	92			56	128	
	Trichlorofluoromethane	20	18.9	ug/L	95			73	115	
	1,1,2-Trichlorotrifluoroethane	20	17.8	ug/L	89			80	112	
	1,1-Dichloroethene	20	17.9	ug/L	90			74	110	
	Acetone	100	92.7	ug/L	93			60	125	
	Carbon disulfide	20	18.3	ug/L	92			64	112	
	Methyl tert-butyl Ether	20	18.0	ug/L	90			78	114	
	Methyl Acetate	20	18.4	ug/L	92			67	125	
	Methylene Chloride	20	17.7	ug/L	89			72	114	
	trans-1,2-Dichloroethene	20	17.0	ug/L	85			75	108	
	1,1-Dichloroethane	20	17.7	ug/L	89			78	112	
	Cyclohexane	20	18.1	ug/L	91			75	110	
	2-Butanone	100	90.9	ug/L	91			65	122	
	Carbon Tetrachloride	20	18.0	ug/L	90			77	113	
	cis-1,2-Dichloroethene	20	17.3	ug/L	86			77	110	
	Bromochloromethane	20	20.0	ug/L	100			70	124	
	Chloroform	20	17.8	ug/L	89			79	113	
	1,1,1-Trichloroethane	20	18.1	ug/L	91			80	108	
	Methylcyclohexane	20	16.7	ug/L	84			72	115	
	Benzene	20	17.4	ug/L	87			82	109	
	1,2-Dichloroethane	20	17.3	ug/L	86			80	115	
	Trichloroethene	20	17.1	ug/L	86			77	113	
	1,2-Dichloropropane	20	16.6	ug/L	83			83	111	
	Bromodichloromethane	20	17.2	ug/L	86			83	110	
	4-Methyl-2-Pentanone	100	88.3	ug/L	88			74	118	
	Toluene	20	17.4	ug/L	87			82	110	
	t-1,3-Dichloropropene	20	17.3	ug/L	86			79	110	
	cis-1,3-Dichloropropene	20	17.5	ug/L	88			82	110	
	1,1,2-Trichloroethane	20	17.8	ug/L	89			83	112	
	2-Hexanone	100	92.2	ug/L	92			73	117	
	Dibromochloromethane	20	16.6	ug/L	83			82	110	
	1,2-Dibromoethane	20	17.0	ug/L	85			81	110	
	Tetrachloroethene	20	17.0	ug/L	85			67	123	
	Chlorobenzene	20	17.4	ug/L	87			82	109	
	Ethyl Benzene	20	17.8	ug/L	89			83	109	
	m/p-Xylenes	40	36.1	ug/L	90			82	110	
	o-Xylene	20	17.2	ug/L	86			83	109	
	Styrene	20	17.9	ug/L	90			80	111	
	Bromoform	20	18.2	ug/L	91			79	109	
	Isopropylbenzene	20	17.3	ug/L	86			83	112	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/L	91			76	118	
	1,3-Dichlorobenzene	20	17.1	ug/L	86			82	108	
	1,4-Dichlorobenzene	20	17.1	ug/L	86			82	107	
	1,2-Dichlorobenzene	20	17.7	ug/L	89			82	109	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2921**	**Analytical Method:**	**SW8260-Low**
Client:	**G Environmental**	**Datafile :**	VN087650.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0825WBS01	1,2-Dibromo-3-Chloropropane	20	17.1	ug/L	86			68	112	
	1,2,4-Trichlorobenzene	20	17.2	ug/L	86			75	113	
	1,2,3-Trichlorobenzene	20	16.9	ug/L	85			76	114	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2921 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087651.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0825WBSD01	Dichlorodifluoromethane	20	21.7	ug/L	109	11		69	116	19
	Chloromethane	20	19.6	ug/L	98	2		65	116	21
	Vinyl chloride	20	19.0	ug/L	95	2		65	117	19
	Bromomethane	20	18.5	ug/L	93	5		58	125	20
	Chloroethane	20	18.0	ug/L	90	2		56	128	20
	Trichlorofluoromethane	20	19.1	ug/L	96	1		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	18.9	ug/L	95	7		80	112	15
	1,1-Dichloroethene	20	18.5	ug/L	93	3		74	110	20
	Acetone	100	85.6	ug/L	86	8		60	125	20
	Carbon disulfide	20	18.1	ug/L	91	1		64	112	20
	Methyl tert-butyl Ether	20	18.5	ug/L	93	3		78	114	20
	Methyl Acetate	20	19.5	ug/L	98	6		67	125	20
	Methylene Chloride	20	18.0	ug/L	90	1		72	114	20
	trans-1,2-Dichloroethene	20	17.2	ug/L	86	1		75	108	16
	1,1-Dichloroethane	20	17.3	ug/L	86	3		78	112	20
	Cyclohexane	20	18.4	ug/L	92	1		75	110	20
	2-Butanone	100	90.5	ug/L	91	0		65	122	26
	Carbon Tetrachloride	20	19.2	ug/L	96	6		77	113	15
	cis-1,2-Dichloroethene	20	17.9	ug/L	90	5		77	110	20
	Bromochloromethane	20	19.8	ug/L	99	1		70	124	20
	Chloroform	20	18.2	ug/L	91	2		79	113	20
	1,1,1-Trichloroethane	20	17.7	ug/L	89	2		80	108	20
	Methylcyclohexane	20	19.2	ug/L	96	13		72	115	20
	Benzene	20	18.4	ug/L	92	6		82	109	15
	1,2-Dichloroethane	20	18.7	ug/L	94	9		80	115	20
	Trichloroethene	20	18.1	ug/L	91	6		77	113	15
	1,2-Dichloropropane	20	18.1	ug/L	91	9		83	111	16
	Bromodichloromethane	20	18.7	ug/L	94	9		83	110	16
	4-Methyl-2-Pentanone	100	98.0	ug/L	98	11		74	118	25
	Toluene	20	18.3	ug/L	92	6		82	110	16
	t-1,3-Dichloropropene	20	19.0	ug/L	95	10		79	110	20
	cis-1,3-Dichloropropene	20	18.4	ug/L	92	4		82	110	16
	1,1,2-Trichloroethane	20	18.7	ug/L	94	5		83	112	20
	2-Hexanone	100	97.4	ug/L	97	5		73	117	25
	Dibromochloromethane	20	18.2	ug/L	91	9		82	110	20
	1,2-Dibromoethane	20	18.4	ug/L	92	8		81	110	20
	Tetrachloroethene	20	16.9	ug/L	85	0		67	123	15
	Chlorobenzene	20	17.7	ug/L	89	2		82	109	15
	Ethyl Benzene	20	18.0	ug/L	90	1		83	109	16
	m/p-Xylenes	40	36.1	ug/L	90	0		82	110	15
	o-Xylene	20	18.2	ug/L	91	6		83	109	20
	Styrene	20	18.5	ug/L	93	3		80	111	17
	Bromoform	20	18.4	ug/L	92	1		79	109	20
	Isopropylbenzene	20	18.1	ug/L	91	6		83	112	29
	1,1,2,2-Tetrachloroethane	20	19.3	ug/L	97	6		76	118	20
	1,3-Dichlorobenzene	20	17.8	ug/L	89	3		82	108	20
	1,4-Dichlorobenzene	20	17.9	ug/L	90	5		82	107	15
	1,2-Dichlorobenzene	20	18.1	ug/L	91	2		82	109	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2921 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087651.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0825WBSD01	1,2-Dibromo-3-Chloropropane	20	19.0	ug/L	95	10		68	112	20
	1,2,4-Trichlorobenzene	20	18.9	ug/L	95	10		75	113	29
	1,2,3-Trichlorobenzene	20	18.0	ug/L	90	6		76	114	29

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VN0825WBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2921

Lab File ID: VN087649.D | Lab Sample ID: VN0825WBL01

Date Analyzed: 08/25/2025 | Time Analyzed: 10:33

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
VN0825WBS01	VN0825WBS01	VN087650.D	08/25/2025
VN0825WBSD01	VN0825WBSD01	VN087651.D	08/25/2025
MW1	Q2921-01	VN087659.D	08/25/2025

COMMENTS:

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q2921
Lab File ID: VN087614.D
BFB Injection Date: 08/21/2025
Instrument ID: MSVOA_N
BFB Injection Time: 09:30
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	25.8
75	30.0 - 60.0% of mass 95	58.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	1.1 (1.6) 1
174	50.0 - 100.0% of mass 95	69
175	5.0 - 9.0% of mass 174	5.6 (8.1) 1
176	95.0 - 101.0% of mass 174	67.7 (98.1) 1
177	5.0 - 9.0% of mass 176	4.8 (7.1) 2

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

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN087619.D	08/21/2025	12:09
VSTDICC005	VSTDICC005	VN087620.D	08/21/2025	13:08
VSTDICC020	VSTDICC020	VN087621.D	08/21/2025	13:41
VSTDICCC050	VSTDICCC050	VN087622.D	08/21/2025	14:02
VSTDICC100	VSTDICC100	VN087623.D	08/21/2025	14:23
VSTDICC150	VSTDICC150	VN087624.D	08/21/2025	14:44

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q2921
Lab File ID: VN087646.D
BFB Injection Date: 08/25/2025
Instrument ID: MSVOA_N
BFB Injection Time: 08:15
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	23.8
75	30.0 - 60.0% of mass 95	58.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.5 (0.8) 1
174	50.0 - 100.0% of mass 95	68.5
175	5.0 - 9.0% of mass 174	6.1 (9) 1
176	95.0 - 101.0% of mass 174	66.8 (97.4) 1
177	5.0 - 9.0% of mass 176	4.2 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087647.D	08/25/2025	09:37
VN0825WBL01	VN0825WBL01	VN087649.D	08/25/2025	10:33
VN0825WBS01	VN0825WBS01	VN087650.D	08/25/2025	12:21
VN0825WBSD01	VN0825WBSD01	VN087651.D	08/25/2025	12:56
MW1	Q2921-01	VN087659.D	08/25/2025	15:43

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2921

Lab File ID: VN087647.D Date Analyzed: 08/25/2025

Instrument ID: MSVOA_N Time Analyzed: 09:37

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	257927	8.21	497405	9.08	459274	11.85
UPPER LIMIT	515854	8.706	994810	9.583	918548	12.347
LOWER LIMIT	128964	7.706	248703	8.583	229637	11.347
EPA SAMPLE NO.						
MW1	169994	8.21	395366	9.08	375883	11.85
VN0825WBL01	190267	8.21	429125	9.08	403882	11.84
VN0825WBS01	223180	8.21	452330	9.08	403500	11.84
VN0825WBSD01	230804	8.21	442728	9.08	414378	11.85

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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2921

Lab File ID: VN087647.D Date Analyzed: 08/25/2025

Instrument ID: MSVOA_N Time Analyzed: 09:37

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

	IS4 AREA #	RT #				
12 HOUR STD	238788	13.771				
UPPER LIMIT	477576	14.271				
LOWER LIMIT	119394	13.271				
EPA SAMPLE NO.						
MW1	178142	13.77				
VN0825WBL01	182604	13.77				
VN0825WBS01	202288	13.77				
VN0825WBSD01	204092	13.77				

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,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	120 Petro NJ	Date Received:	
Client Sample ID:	VN0825WBL01	SDG No.:	Q2921
Lab Sample ID:	VN0825WBL01	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:	Date Analyzed	Prep Batch ID
VN087649.D	1	08/25/25 10:33	VN082525

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
75-35-4	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
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	120 Petro NJ	Date Received:	
Client Sample ID:	VN0825WBL01	SDG No.:	Q2921
Lab Sample ID:	VN0825WBL01	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:	Date Analyzed	Prep Batch ID
VN087649.D	1	08/25/25 10:33	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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	52.3		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	48.2		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.5		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	190000	8.212			
540-36-3	1,4-Difluorobenzene	429000	9.082			
3114-55-4	Chlorobenzene-d5	404000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	183000	13.77			

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	120 Petro NJ	Date Received:	
Client Sample ID:	VN0825WBL01	SDG No.:	Q2921
Lab Sample ID:	VN0825WBL01	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:	Date Analyzed	Prep Batch ID
VN087649.D	1	08/25/25 10:33	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	120 Petro NJ	Date Received:	
Client Sample ID:	VN0825WBS01	SDG No.:	Q2921
Lab Sample ID:	VN0825WBS01	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:	Date Analyzed	Prep Batch ID
VN087650.D	1	08/25/25 12:21	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.6		0.22	1.00	ug/L
74-87-3	Chloromethane	19.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.6		0.26	1.00	ug/L
74-83-9	Bromomethane	19.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.3		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.9		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	17.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.9		0.23	1.00	ug/L
67-64-1	Acetone	92.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.4		0.27	1.00	ug/L
75-09-2	Methylene Chloride	17.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.0		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.1		1.50	5.00	ug/L
78-93-3	2-Butanone	90.9		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.0		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.3		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.0		0.22	1.00	ug/L
67-66-3	Chloroform	17.8		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.1		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.7		0.16	1.00	ug/L
71-43-2	Benzene	17.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	17.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	16.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	17.2		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	88.3		0.68	5.00	ug/L
108-88-3	Toluene	17.4		0.14	1.00	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	120 Petro NJ	Date Received:	
Client Sample ID:	VN0825WBS01	SDG No.:	Q2921
Lab Sample ID:	VN0825WBS01	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:	Date Analyzed	Prep Batch ID
VN087650.D	1	08/25/25 12:21	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	17.8		0.21	1.00	ug/L
591-78-6	2-Hexanone	92.2		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	16.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	17.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	17.4		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	17.8		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	36.1		0.24	2.00	ug/L
95-47-6	o-Xylene	17.2		0.12	1.00	ug/L
100-42-5	Styrene	17.9		0.15	1.00	ug/L
75-25-2	Bromoform	18.2		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.2		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.1		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.7		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.9		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.9		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	46.0		75 - 124	92%	SPK: 50
2037-26-5	Toluene-d8	45.3		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.8		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	223000	8.206			
540-36-3	1,4-Difluorobenzene	452000	9.082			
3114-55-4	Chlorobenzene-d5	404000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	202000	13.77			

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	120 Petro NJ	Date Received:	
Client Sample ID:	VN0825WBS01	SDG No.:	Q2921
Lab Sample ID:	VN0825WBS01	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:	Date Analyzed	Prep Batch ID
VN087650.D	1	08/25/25 12:21	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	120 Petro NJ	Date Received:	
Client Sample ID:	VN0825WBSD01	SDG No.:	Q2921
Lab Sample ID:	VN0825WBSD01	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:	Date Analyzed	Prep Batch ID
VN087651.D	1	08/25/25 12:56	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	21.7		0.22	1.00	ug/L
74-87-3	Chloromethane	19.6		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.0		0.26	1.00	ug/L
74-83-9	Bromomethane	18.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.0		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.9		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.5		0.23	1.00	ug/L
67-64-1	Acetone	85.6		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.1		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.5		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.4		1.50	5.00	ug/L
78-93-3	2-Butanone	90.5		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	17.9		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.8		0.22	1.00	ug/L
67-66-3	Chloroform	18.2		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.2		0.16	1.00	ug/L
71-43-2	Benzene	18.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.7		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.1		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	98.0		0.68	5.00	ug/L
108-88-3	Toluene	18.3		0.14	1.00	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	120 Petro NJ	Date Received:	
Client Sample ID:	VN0825WBSD01	SDG No.:	Q2921
Lab Sample ID:	VN0825WBSD01	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:	Date Analyzed	Prep Batch ID
VN087651.D	1	08/25/25 12:56	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.0		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	97.4		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.4		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	16.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	17.7		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.0		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	36.1		0.24	2.00	ug/L
95-47-6	o-Xylene	18.2		0.12	1.00	ug/L
100-42-5	Styrene	18.5		0.15	1.00	ug/L
75-25-2	Bromoform	18.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.1		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.3		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.1		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.0		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.9		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.0		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.4		74 - 125	93%	SPK: 50
1868-53-7	Dibromofluoromethane	46.8		75 - 124	94%	SPK: 50
2037-26-5	Toluene-d8	46.2		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.4		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	231000	8.206			
540-36-3	1,4-Difluorobenzene	443000	9.083			
3114-55-4	Chlorobenzene-d5	414000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	204000	13.771			

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	120 Petro NJ	Date Received:	
Client Sample ID:	VN0825WBSD01	SDG No.:	Q2921
Lab Sample ID:	VN0825WBSD01	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:	Date Analyzed	Prep Batch ID
VN087651.D	1	08/25/25 12:56	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2921

Instrument ID: MSVOA_N Calibration Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:09 14:44

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

LAB FILE ID: RRF001 = VN087619.D RRF005 = VN087620.D RRF020 = VN087621.D
RRF050 = VN087622.D RRF100 = VN087623.D RRF150 = VN087624.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.707	0.579	0.606	0.810	0.777	0.782	0.710	13.7
Chloromethane	0.739	0.637	0.710	0.795	0.752	0.747	0.730	7.3
Vinyl Chloride	0.909	0.739	0.832	0.903	0.847	0.846	0.846	7.3
Bromomethane		0.388	0.393	0.448	0.466	0.488	0.437	10.2
Chloroethane	0.727	0.528	0.599	0.603	0.558	0.554	0.595	11.9
Trichlorofluoromethane	1.323	1.139	1.242	1.274	1.227	1.233	1.240	4.9
1,1,2-Trichlorotrifluoroethane	0.879	0.648	0.677	0.695	0.654	0.656	0.701	12.6
1,1-Dichloroethene	0.892	0.649	0.730	0.700	0.667	0.687	0.721	12.3
Acetone	0.633	0.634	0.584	0.522	0.484	0.489	0.558	12.3
Carbon Disulfide	2.272	1.746	1.970	2.003	1.937	1.979	1.985	8.5
Methyl tert-butyl Ether	2.859	2.508	2.740	2.733	2.643	2.742	2.704	4.4
Methyl Acetate	1.450	1.043	1.097	1.157	1.117	1.141	1.168	12.3
Methylene Chloride	1.494	0.916	0.875	0.823	0.779	0.799	0.948	28.8
trans-1,2-Dichloroethene	0.952	0.734	0.768	0.750	0.737	0.745	0.781	10.8
1,1-Dichloroethane	1.798	1.500	1.549	1.501	1.454	1.471	1.546	8.3
Cyclohexane		1.490	1.310	1.234	1.201	1.207	1.289	9.4
2-Butanone	0.783	0.722	0.757	0.732	0.700	0.707	0.734	4.3
Carbon Tetrachloride	0.571	0.509	0.568	0.542	0.549	0.542	0.547	4.1
cis-1,2-Dichloroethene	0.997	0.916	0.937	0.941	0.908	0.905	0.934	3.7
Bromochloromethane	0.800	0.781	0.722	0.701	0.748	0.731	0.747	5
Chloroform	1.677	1.535	1.629	1.579	1.519	1.528	1.578	4
1,1,1-Trichloroethane	1.510	1.297	1.359	1.303	1.265	1.288	1.337	6.8
Methylcyclohexane	0.686	0.580	0.610	0.590	0.597	0.596	0.610	6.3
Benzene	1.853	1.637	1.727	1.684	1.639	1.652	1.699	4.9
1,2-Dichloroethane	0.714	0.627	0.675	0.650	0.624	0.626	0.653	5.5
Trichloroethene	0.435	0.387	0.390	0.377	0.367	0.370	0.388	6.5
1,2-Dichloropropane	0.544	0.435	0.447	0.433	0.415	0.412	0.448	11
Bromodichloromethane	0.686	0.649	0.667	0.638	0.638	0.639	0.653	3
4-Methyl-2-Pentanone	0.701	0.675	0.744	0.736	0.718	0.704	0.713	3.5
Toluene	1.148	0.987	1.062	1.050	1.037	1.033	1.053	5

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2921

Instrument ID: MSVOA_N | Calibration Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N | Calibration Time(s): 12:09 14:44

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

LAB FILE ID: RRF001 = VN087619.D RRF005 = VN087620.D RRF020 = VN087621.D
RRF050 = VN087622.D RRF100 = VN087623.D RRF150 = VN087624.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.620	0.628	0.691	0.703	0.699	0.715	0.676	6.1
cis-1,3-Dichloropropene	0.717	0.640	0.712	0.718	0.714	0.710	0.702	4.3
1,1,2-Trichloroethane	0.439	0.383	0.417	0.408	0.400	0.397	0.407	4.7
2-Hexanone	0.295	0.390	0.493	0.510	0.508	0.507	0.451	19.8
Dibromochloromethane	0.535	0.440	0.458	0.466	0.465	0.468	0.472	6.8
1,2-Dibromoethane	0.412	0.433	0.444	0.432	0.429	0.427	0.430	2.4
Tetrachloroethene	0.447	0.353	0.340	0.313	0.315	0.313	0.347	14.9
Chlorobenzene	1.408	1.164	1.253	1.210	1.216	1.212	1.244	6.9
Ethyl Benzene	2.232	1.993	2.224	2.144	2.152	2.178	2.154	4
m/p-Xylenes	0.759	0.735	0.811	0.812	0.808	0.814	0.790	4.3
o-Xylene	0.777	0.707	0.794	0.796	0.788	0.784	0.774	4.3
Styrene	1.142	1.086	1.391	1.382	1.386	1.393	1.297	11
Bromoform	0.303	0.285	0.320	0.320	0.336	0.336	0.317	6.3
Isopropylbenzene	4.328	3.674	4.096	4.026	3.998	4.120	4.040	5.3
1,1,2,2-Tetrachloroethane	1.488	1.381	1.421	1.363	1.322	1.371	1.391	4.1
1,3-Dichlorobenzene	2.087	1.770	1.940	1.827	1.806	1.826	1.876	6.3
1,4-Dichlorobenzene	2.348	1.884	1.956	1.867	1.818	1.841	1.952	10.2
1,2-Dichlorobenzene	1.942	1.662	1.853	1.755	1.723	1.743	1.780	5.7
1,2-Dibromo-3-Chloropropane	0.370	0.323	0.329	0.317	0.313	0.330	0.330	6.2
1,2,4-Trichlorobenzene	1.192	0.995	1.081	1.026	1.040	1.079	1.069	6.4
1,2,3-Trichlorobenzene	1.140	0.972	1.059	1.006	1.019	1.072	1.045	5.7
1,2-Dichloroethane-d4		1.025	1.016	0.959	1.035	1.089	1.024	4.5
Dibromofluoromethane		0.369	0.344	0.334	0.373	0.386	0.361	6
Toluene-d8		1.384	1.266	1.223	1.408	1.475	1.351	7.7
4-Bromofluorobenzene		0.446	0.454	0.450	0.514	0.540	0.481	9

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2921
Instrument ID: MSVOA_N
Calibration Date/Time: 08/25/2025 09:37
Lab File ID: VN087647.D
Init. Calib. Date(s): 08/21/2025 08/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:09 14:44
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.739		4.09	20
Chloromethane	0.730	0.705	0.1	-3.42	20
Vinyl Chloride	0.846	0.778		-8.04	20
Bromomethane	0.437	0.430		-1.6	20
Chloroethane	0.595	0.545		-8.4	20
Trichlorofluoromethane	1.240	1.160		-6.45	20
1,1,2-Trichlorotrifluoroethane	0.701	0.637		-9.13	20
1,1-Dichloroethene	0.721	0.637		-11.65	20
Acetone	0.558	0.579		3.76	20
Carbon Disulfide	1.985	1.818		-8.41	20
Methyl tert-butyl Ether	2.704	2.628		-2.81	20
Methyl Acetate	1.168	1.177		0.77	20
Methylene Chloride	0.948	0.767		-19.09	20
trans-1,2-Dichloroethene	0.781	0.689		-11.78	20
1,1-Dichloroethane	1.546	1.366	0.1	-11.64	20
Cyclohexane	1.289	1.137		-11.79	20
2-Butanone	0.734	0.754		2.72	20
Carbon Tetrachloride	0.547	0.522		-4.57	20
cis-1,2-Dichloroethene	0.934	0.847		-9.31	20
Bromochloromethane	0.747	0.632		-15.4	20
Chloroform	1.578	1.444		-8.49	20
1,1,1-Trichloroethane	1.337	1.225		-8.38	20
Methylcyclohexane	0.610	0.578		-5.25	20
Benzene	1.699	1.596		-6.06	20
1,2-Dichloroethane	0.653	0.611		-6.43	20
Trichloroethene	0.388	0.345		-11.08	20
1,2-Dichloropropane	0.448	0.413		-7.81	20
Bromodichloromethane	0.653	0.623		-4.59	20
4-Methyl-2-Pentanone	0.713	0.738		3.51	20
Toluene	1.053	0.966		-8.26	20
t-1,3-Dichloropropene	0.676	0.666		-1.48	20
cis-1,3-Dichloropropene	0.702	0.693		-1.28	20
1,1,2-Trichloroethane	0.407	0.405		-0.49	20
2-Hexanone	0.451	0.505		11.97	20
Dibromochloromethane	0.472	0.454		-3.81	20
1,2-Dibromoethane	0.430	0.421		-2.09	20
Tetrachloroethene	0.347	0.307		-11.53	20
Chlorobenzene	1.244	1.143	0.3	-8.12	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2921

Instrument ID: MSVOA_N | Calibration Date/Time: 08/25/2025 09:37

Lab File ID: VN087647.D | Init. Calib. Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 12:09 14:44

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.154	2.040		-5.29	20
m/p-Xylenes	0.790	0.773		-2.15	20
o-Xylene	0.774	0.738		-4.65	20
Styrene	1.297	1.307		0.77	20
Bromoform	0.317	0.327	0.1	3.15	20
Isopropylbenzene	4.040	3.706		-8.27	20
1,1,2,2-Tetrachloroethane	1.391	1.318	0.3	-5.25	20
1,3-Dichlorobenzene	1.876	1.729		-7.84	20
1,4-Dichlorobenzene	1.952	1.749		-10.4	20
1,2-Dichlorobenzene	1.780	1.675		-5.9	20
1,2-Dibromo-3-Chloropropane	0.330	0.330		0	20
1,2,4-Trichlorobenzene	1.069	1.006		-5.89	20
1,2,3-Trichlorobenzene	1.045	0.985		-5.74	20
1,2-Dichloroethane-d4	1.024	0.883		-13.77	20
Dibromofluoromethane	0.361	0.318		-11.91	20
Toluene-d8	1.351	1.167		-13.62	20
4-Bromofluorobenzene	0.481	0.422		-12.27	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\VN082525\
Data File : VN087659.D
Acq On : 25 Aug 2025 15:43
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Time: Aug 26 01:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

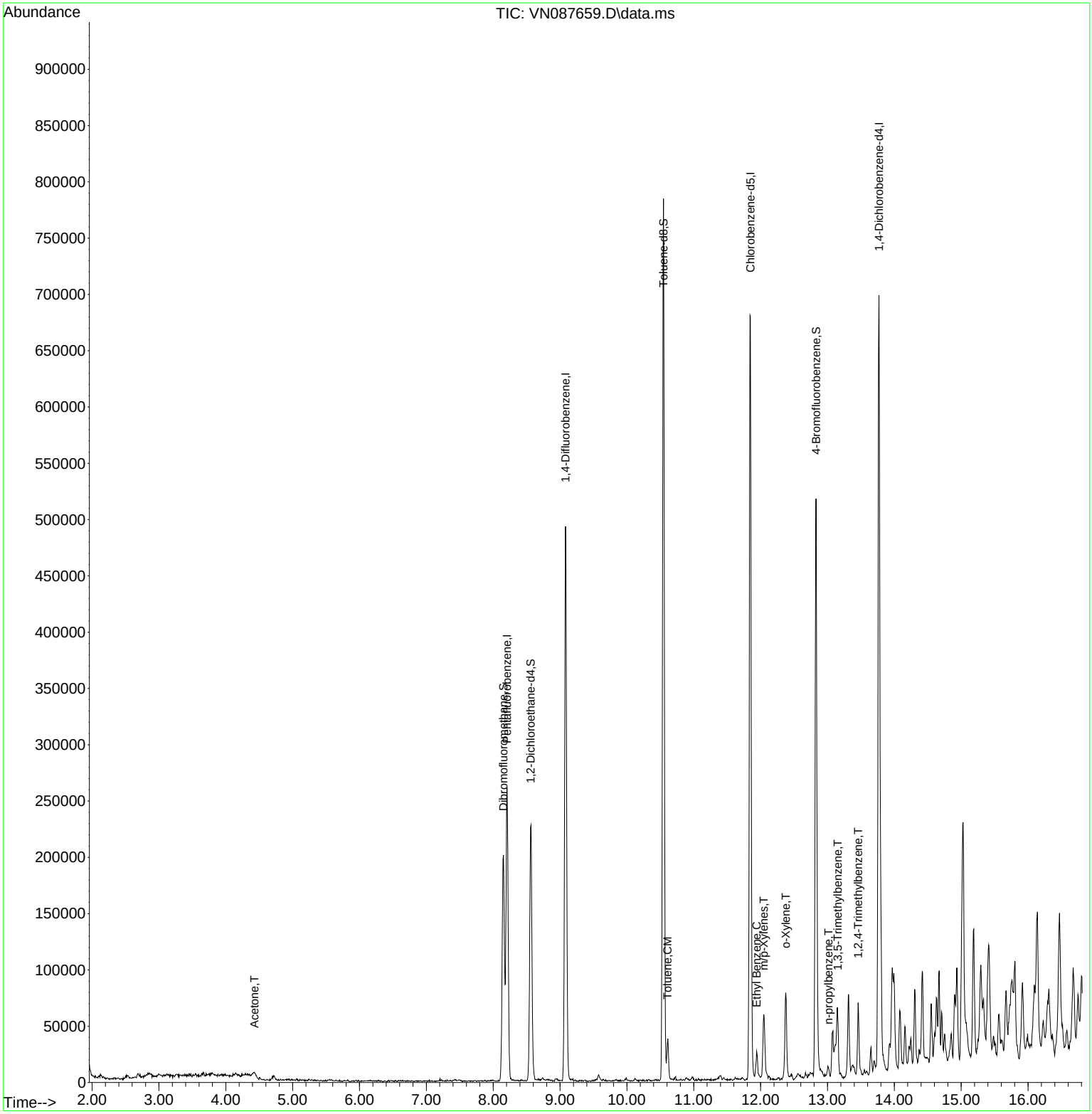
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	169994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	395366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	375883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	178142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	191473	54.974	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.940%			
35) Dibromofluoromethane	8.153	113	143243	50.181	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.360%			
50) Toluene-d8	10.547	98	512701	47.988	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.980%			
62) 4-Bromofluorobenzene	12.829	95	181471	47.761	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.520%			
Target Compounds						Qvalue
16) Acetone	4.430	43	8448	4.456	ug/l #	67
52) Toluene	10.606	92	14874	1.786	ug/l	89
67) Ethyl Benzene	11.941	91	14504	0.896	ug/l #	85
68) m/p-Xylenes	12.047	106	17688	2.979	ug/l	99
69) o-Xylene	12.376	106	21756	3.739	ug/l	96
78) n-propylbenzene	13.018	91	6367	0.359	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	26530	2.173	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	35962	2.942	ug/l	100

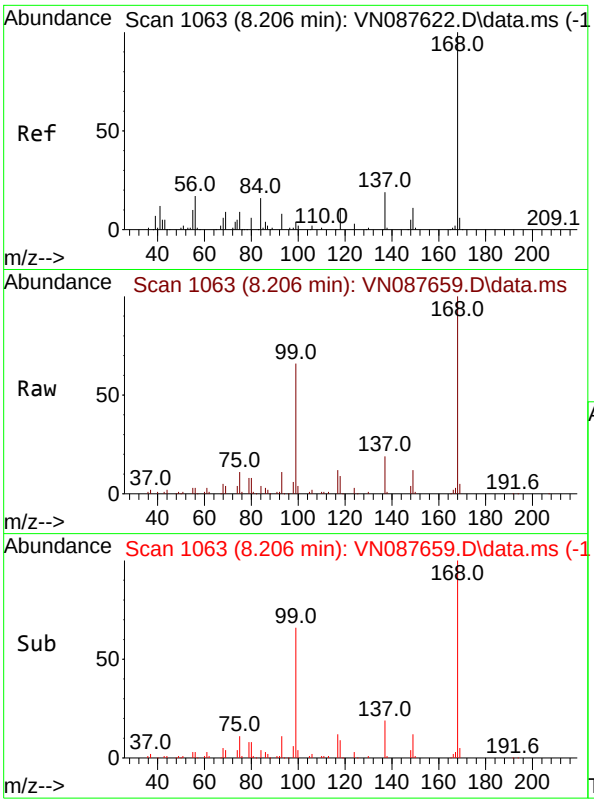
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087659.D
Acq On : 25 Aug 2025 15:43
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Time: Aug 26 01:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



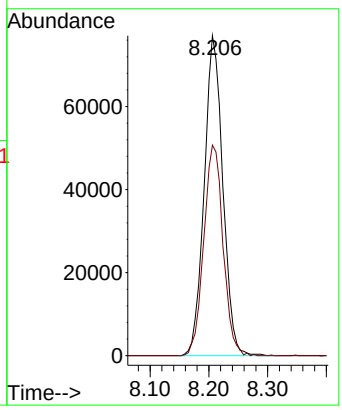


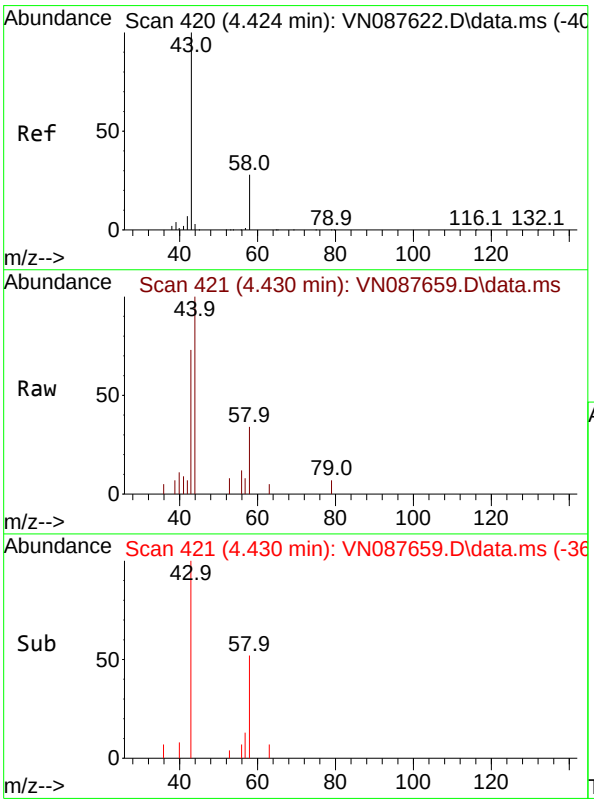
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:168 Resp: 169994

Ion	Ratio	Lower	Upper
168	100		
99	65.8	57.2	85.8

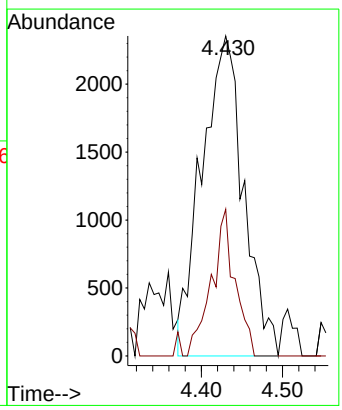


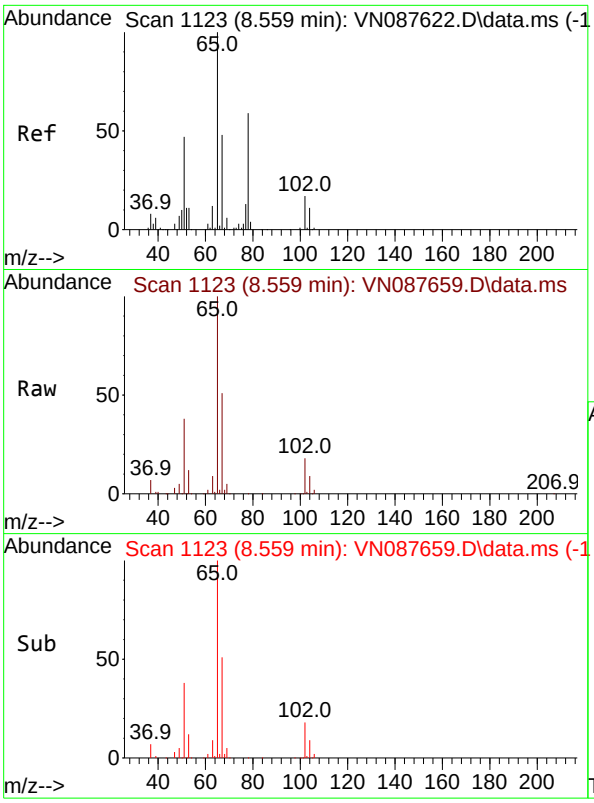


#16
Acetone
Concen: 4.456 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 43 Resp: 8448

Ion	Ratio	Lower	Upper
43	100		
58	45.9	22.6	33.8#



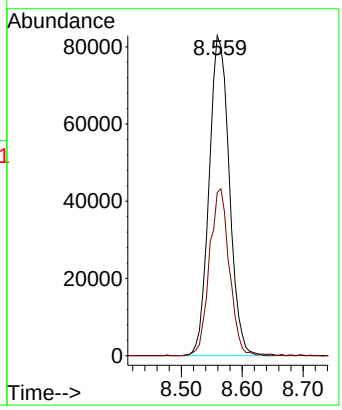


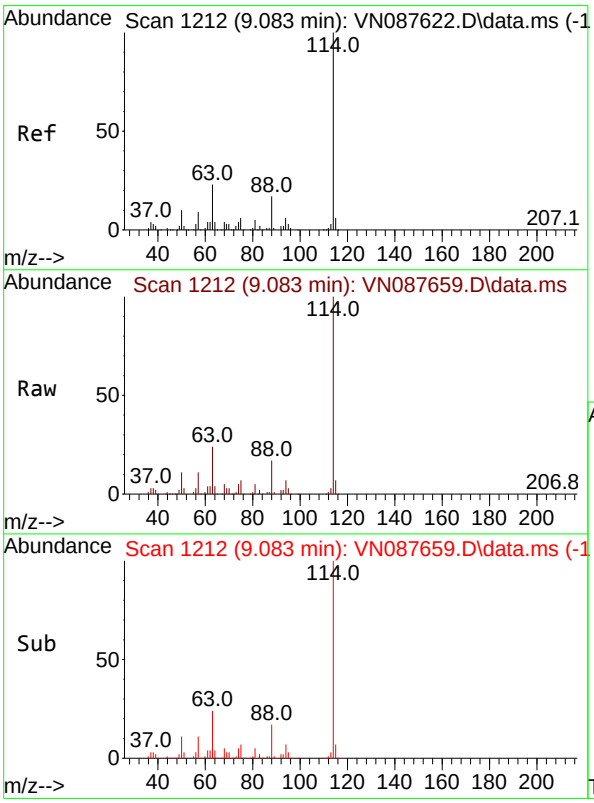
#33
1,2-Dichloroethane-d4
Concen: 54.974 ug/l
RT: 8.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 65 Resp: 191473

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	100.0

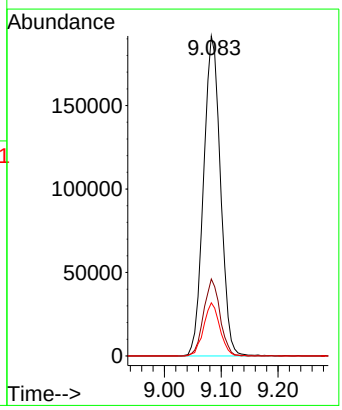


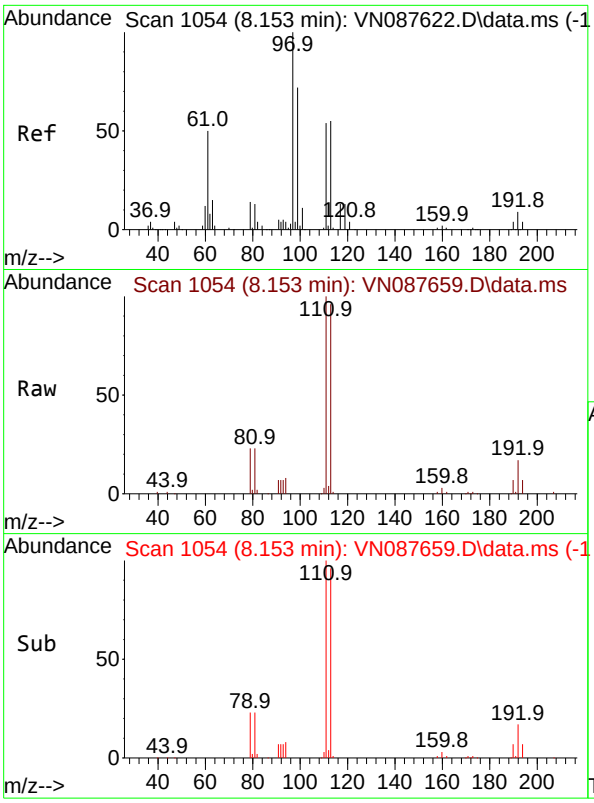


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Tgt Ion:114 Resp: 395366

Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	45.2
88	16.6	0.0	33.4



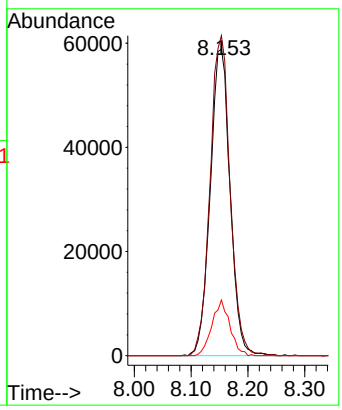


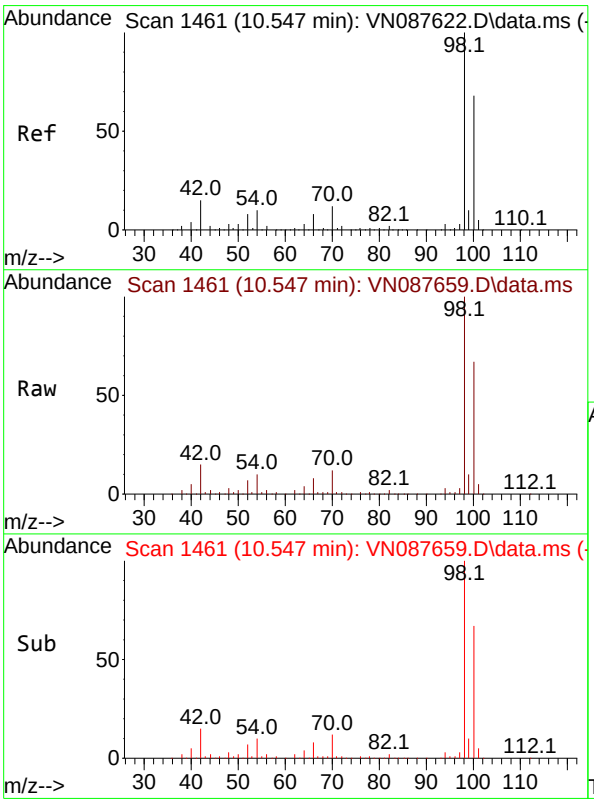
#35
Dibromofluoromethane
Concen: 50.181 ug/l
RT: 8.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:113 Resp: 143243

Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.8	124.2
192	16.3	12.8	19.2

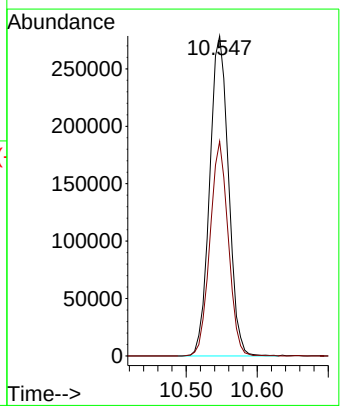


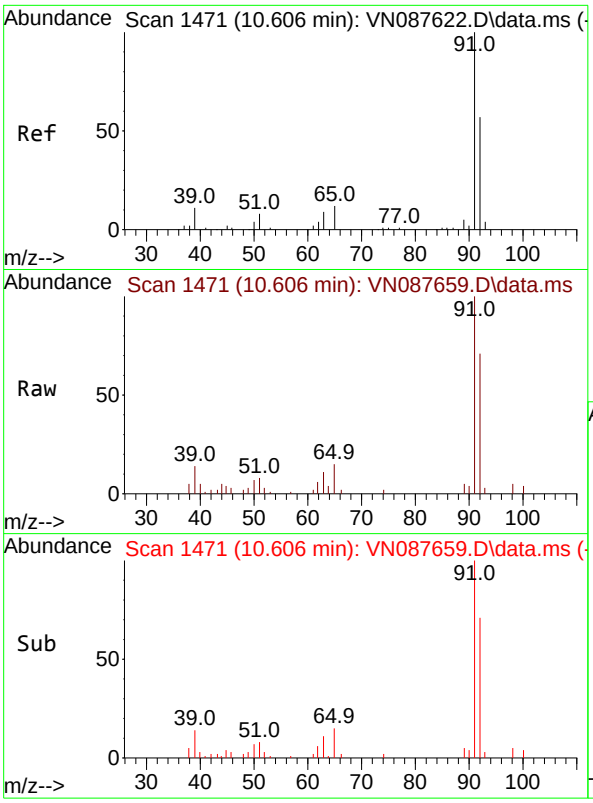


#50
Toluene-d8
Concen: 47.988 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 98 Resp: 512701

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.8	79.2



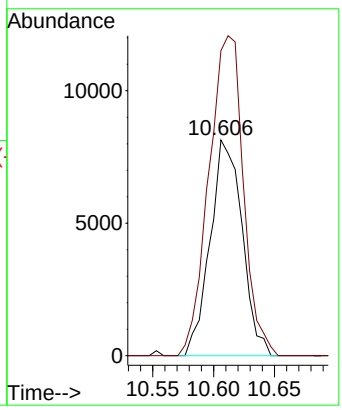


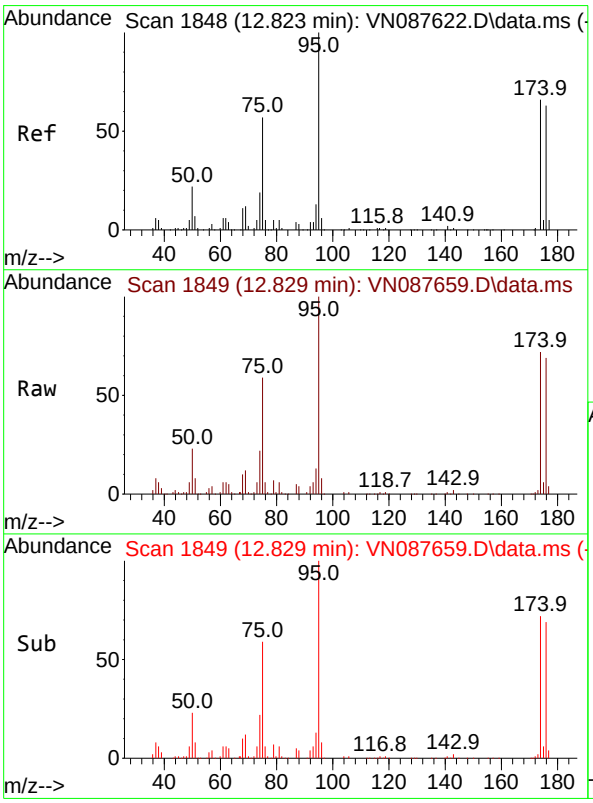
#52
Toluene
Concen: 1.786 ug/l
RT: 10.606 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 92 Resp: 14874

Ion	Ratio	Lower	Upper
92	100		
91	160.2	140.4	210.6

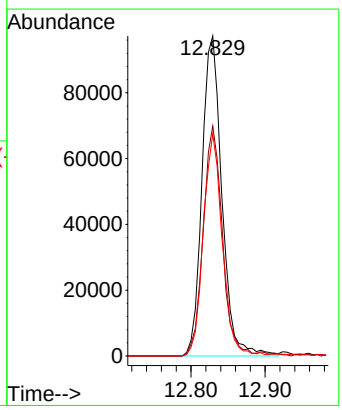


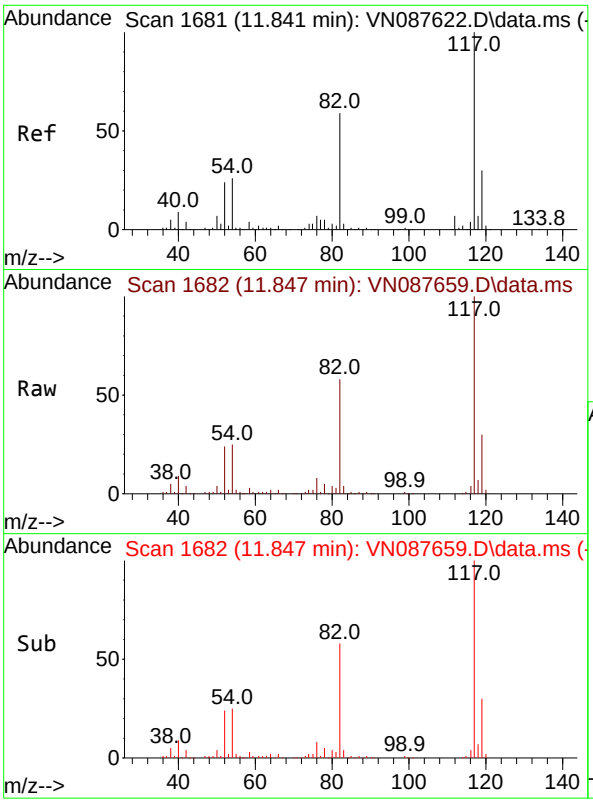


#62
4-Bromofluorobenzene
Concen: 47.761 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 95 Resp: 181471

Ion	Ratio	Lower	Upper
95	100		
174	69.0	0.0	138.4
176	66.6	0.0	132.6



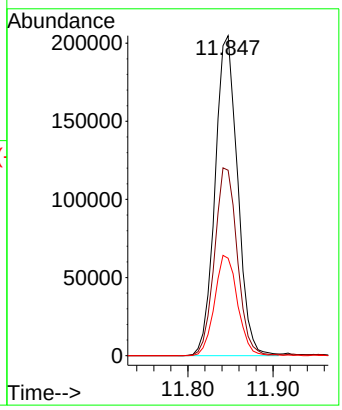


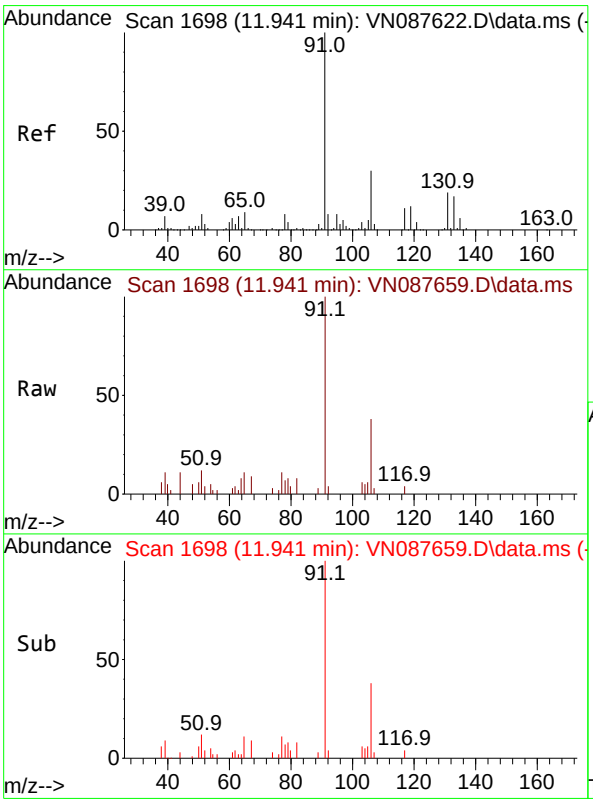
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:117 Resp: 375883

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.4	71.2
119	30.5	24.3	36.5

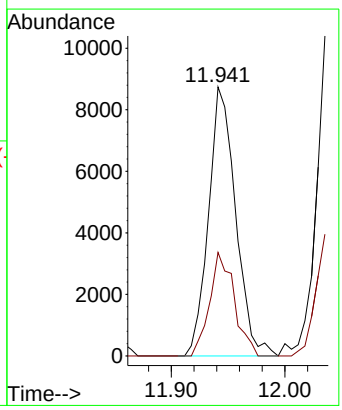


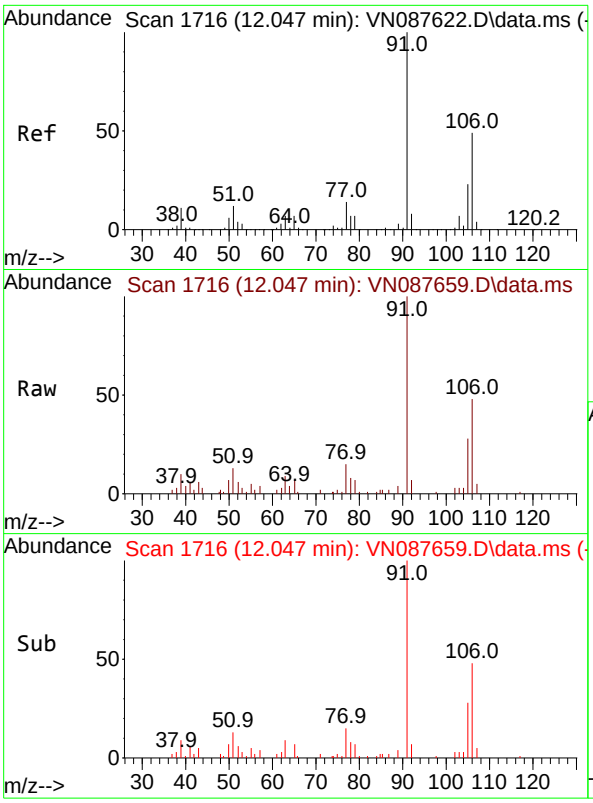


#67
Ethyl Benzene
Concen: 0.896 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 91 Resp: 14504

Ion	Ratio	Lower	Upper
91	100		
106	38.5	24.1	36.1#



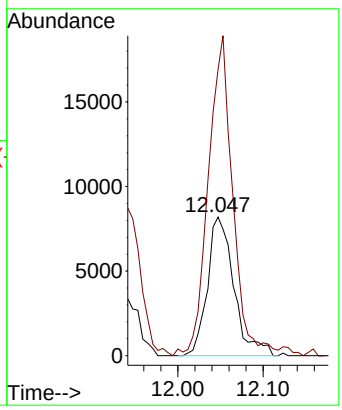


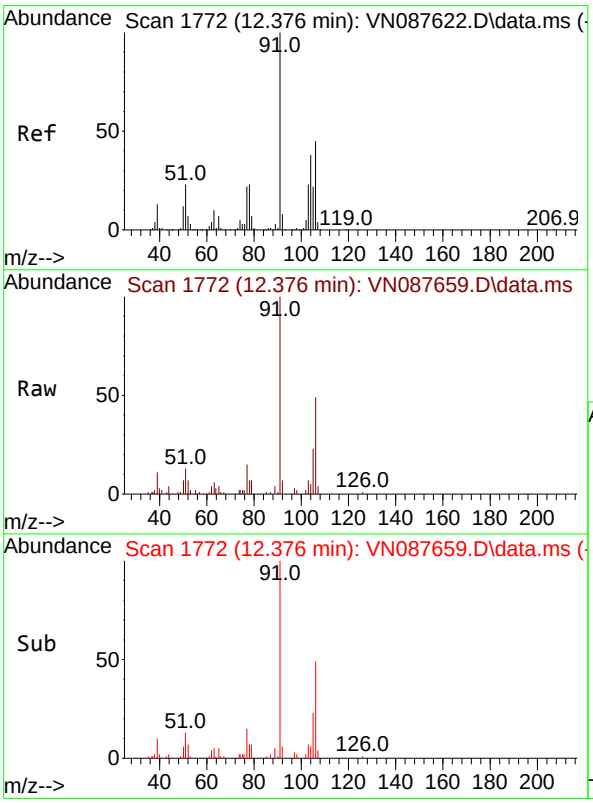
#68
m/p-Xylenes
Concen: 2.979 ug/l
RT: 12.047 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:106 Resp: 17688

Ion	Ratio	Lower	Upper
106	100		
91	213.3	169.3	253.9

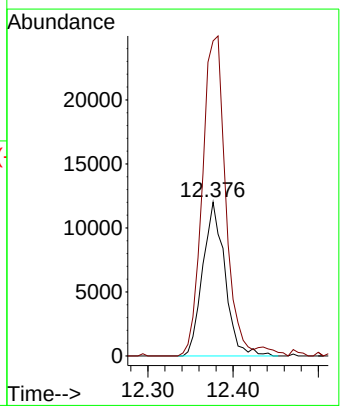


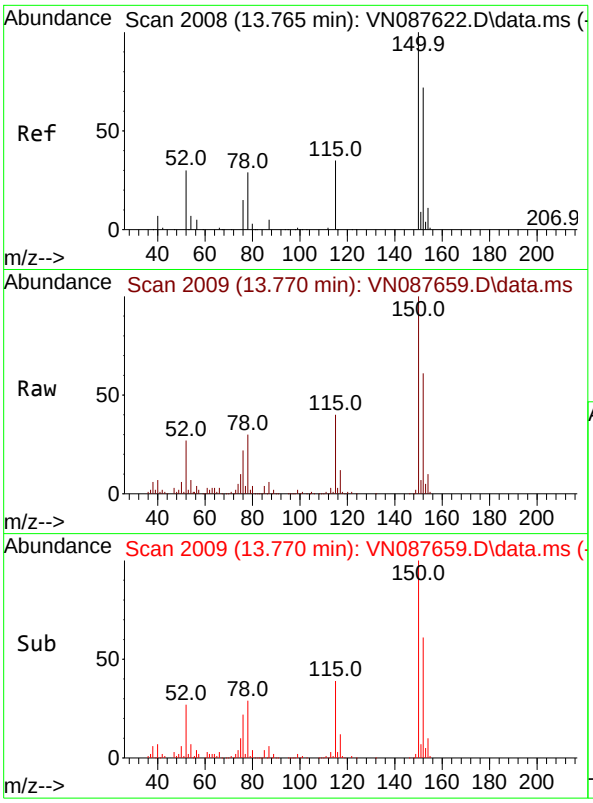


#69
o-Xylene
Concen: 3.739 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Tgt Ion:106 Resp: 21756

Ion	Ratio	Lower	Upper
106	100		
91	216.7	111.4	334.2



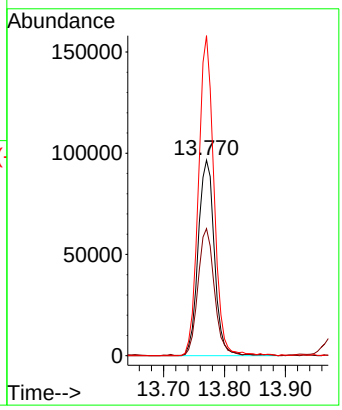


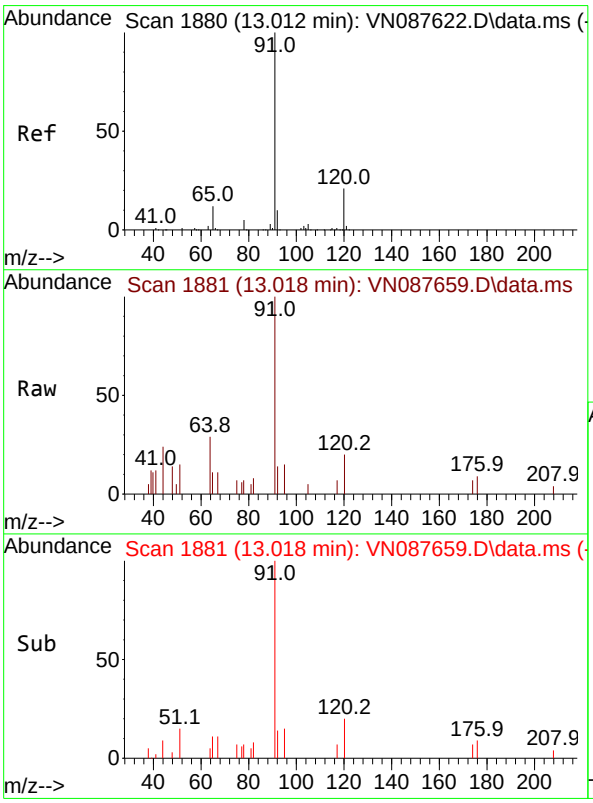
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:152 Resp: 178142

Ion	Ratio	Lower	Upper
152	100		
115	65.3	32.3	96.8
150	156.7	0.0	351.0

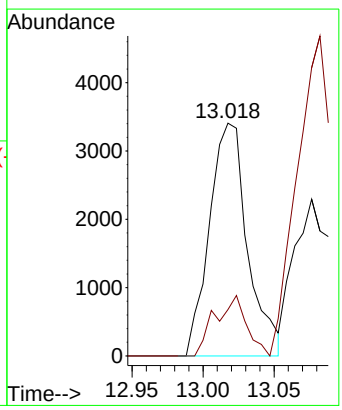




#78
n-propylbenzene
Concen: 0.359 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

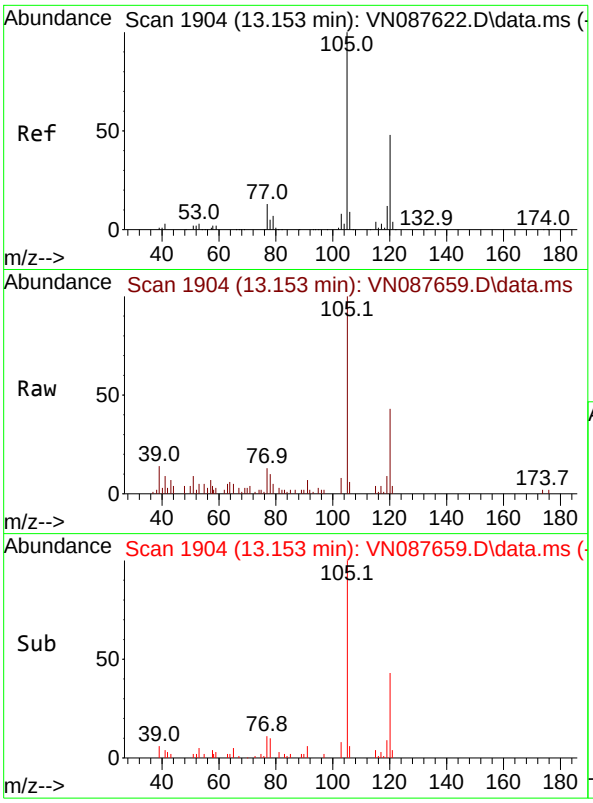
Tgt Ion: 91 Resp: 6367

Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.7	32.1



5

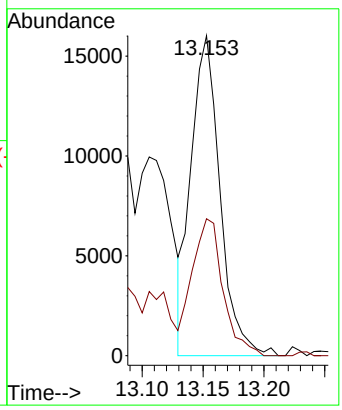
Instrument :
MSVOA_N
ClientSampleId :
MW1

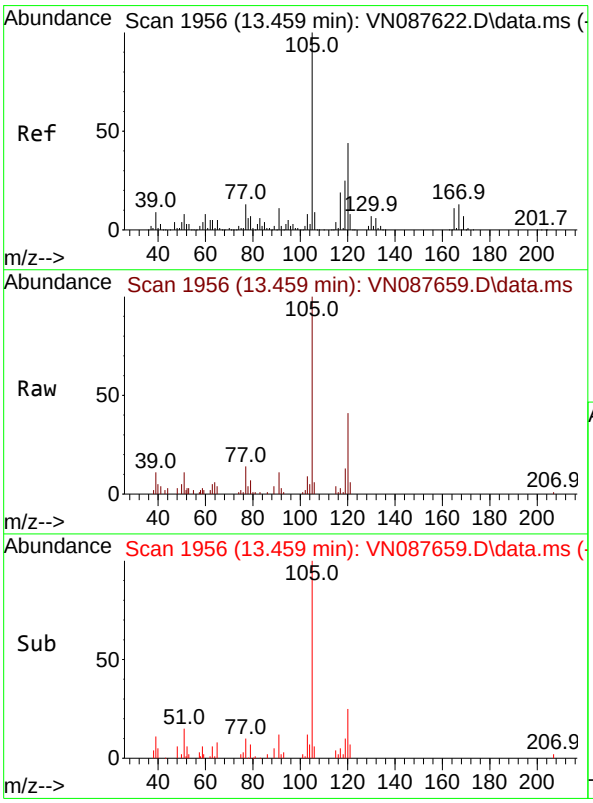


#80
1,3,5-Trimethylbenzene
Concen: 2.173 ug/l
RT: 13.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Tgt Ion:105 Resp: 26530

Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.2	69.6

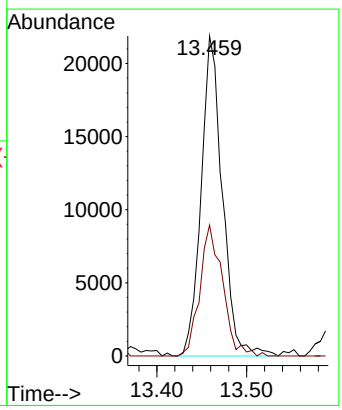




#84
1,2,4-Trimethylbenzene
Concen: 2.942 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087659.D
Acq: 25 Aug 2025 15:43

Tgt Ion:105 Resp: 35962

Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.0	66.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087659.D
Acq On : 25 Aug 2025 15:43
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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\82N082125W.M
Title : SW846 8260

Signal : TIC: VN087659.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.153	1043	1054	1058	rBV	200619	479957	33.16%	3.686%
2	8.206	1058	1063	1072	rVB	258964	578210	39.94%	4.441%
3	8.565	1111	1124	1135	rBV	227339	533825	36.88%	4.100%
4	9.083	1204	1212	1225	rBV	492462	1009291	69.72%	7.752%
5	10.547	1450	1461	1468	rBV	783513	1447551	100.00%	11.118%
6	10.612	1468	1472	1478	rVB2	35861	62648	4.33%	0.481%
7	11.841	1673	1681	1693	rBV	679087	1271746	87.86%	9.767%
8	11.941	1693	1698	1707	rVV	24619	49080	3.39%	0.377%
9	12.047	1707	1716	1727	rVB3	56688	126345	8.73%	0.970%
10	12.376	1762	1772	1780	rBV2	77140	155593	10.75%	1.195%
11	12.829	1842	1849	1859	rBV	512729	928885	64.17%	7.134%
12	13.006	1875	1879	1885	rVB6	8967	15399	1.06%	0.118%
13	13.082	1885	1892	1894	rBV2	40195	74414	5.14%	0.572%
14	13.118	1894	1898	1899	rVV3	26532	43644	3.02%	0.335%
15	13.147	1899	1903	1910	rVB4	59228	112083	7.74%	0.861%
16	13.312	1922	1931	1937	rBV	73441	137609	9.51%	1.057%
17	13.459	1951	1956	1968	rVB	64135	107838	7.45%	0.828%
18	13.653	1983	1989	1993	rBV2	24664	39759	2.75%	0.305%
19	13.700	1993	1997	2000	rBV5	9296	14982	1.03%	0.115%
20	13.770	2002	2009	2029	rVB2	688368	1447230	99.98%	11.115%
21	13.929	2031	2036	2038	rBV3	23474	40894	2.83%	0.314%
22	13.970	2038	2043	2046	rBV3	71034	141476	9.77%	1.087%
23	14.082	2058	2062	2071	rBV4	51220	103080	7.12%	0.792%
24	14.159	2071	2075	2081	rVV2	34915	57101	3.94%	0.439%
25	14.217	2082	2085	2088	rVV3	15733	25397	1.75%	0.195%
26	14.247	2088	2090	2094	rVB3	22511	26977	1.86%	0.207%
27	14.306	2095	2100	2107	rVB	65262	107039	7.39%	0.822%
28	14.370	2108	2111	2114	rBV3	10540	14521	1.00%	0.112%
29	14.417	2114	2119	2126	rVB3	76795	134910	9.32%	1.036%
30	14.553	2136	2142	2146	rBV2	52102	84745	5.85%	0.651%
31	14.606	2146	2151	2152	rVV5	22183	29173	2.02%	0.224%
32	14.629	2152	2155	2159	rVV3	51313	87407	6.04%	0.671%
33	14.670	2159	2162	2166	rVV	72660	95965	6.63%	0.737%
34	14.706	2166	2168	2173	rVB4	34438	42035	2.90%	0.323%
35	14.753	2173	2176	2183	rVB6	23769	40846	2.82%	0.314%
36	14.853	2186	2193	2197	rBV8	20822	36066	2.49%	0.277%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087659.D
Acq On : 25 Aug 2025 15:43
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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\82N082125W.M
Title : SW846 8260

37	14.900	2197	2201	2204	rBV4	55726	96708	6.68%	0.743%
38	14.935	2204	2207	2214	rVB2	81418	132759	9.17%	1.020%
39	15.029	2214	2223	2242	rBV2	210621	597674	41.29%	4.590%
40	15.188	2243	2250	2257	rBV2	112696	218651	15.10%	1.679%
41	15.294	2259	2268	2272	rBV6	74370	171010	11.81%	1.313%
42	15.412	2281	2288	2296	rVB5	92543	244906	16.92%	1.881%
43	15.564	2309	2314	2318	rBV4	36031	71597	4.95%	0.550%
44	15.670	2326	2332	2337	rBV	53296	106917	7.39%	0.821%
45	15.729	2337	2342	2343	rVV5	39868	69632	4.81%	0.535%
46	15.759	2343	2347	2350	rVV4	61367	137714	9.51%	1.058%
47	15.806	2352	2355	2366	rVB3	86744	151381	10.46%	1.163%
48	15.917	2366	2374	2381	rBV3	67833	162420	11.22%	1.247%
49	16.094	2397	2404	2406	rBV4	53916	105368	7.28%	0.809%
50	16.141	2407	2412	2421	rVB2	119371	252756	17.46%	1.941%
51	16.229	2421	2427	2432	rBV5	23394	49060	3.39%	0.377%
52	16.294	2433	2438	2439	rVV4	34163	51898	3.59%	0.399%
53	16.311	2439	2441	2449	rVB2	44635	68155	4.71%	0.523%
54	16.470	2456	2468	2475	rBV3	126317	344834	23.82%	2.648%
55	16.582	2483	2487	2491	rVB6	15785	25143	1.74%	0.193%
56	16.676	2493	2503	2510	rBV4	71725	182788	12.63%	1.404%
57	16.747	2510	2515	2520	rBV3	38576	75322	5.20%	0.578%

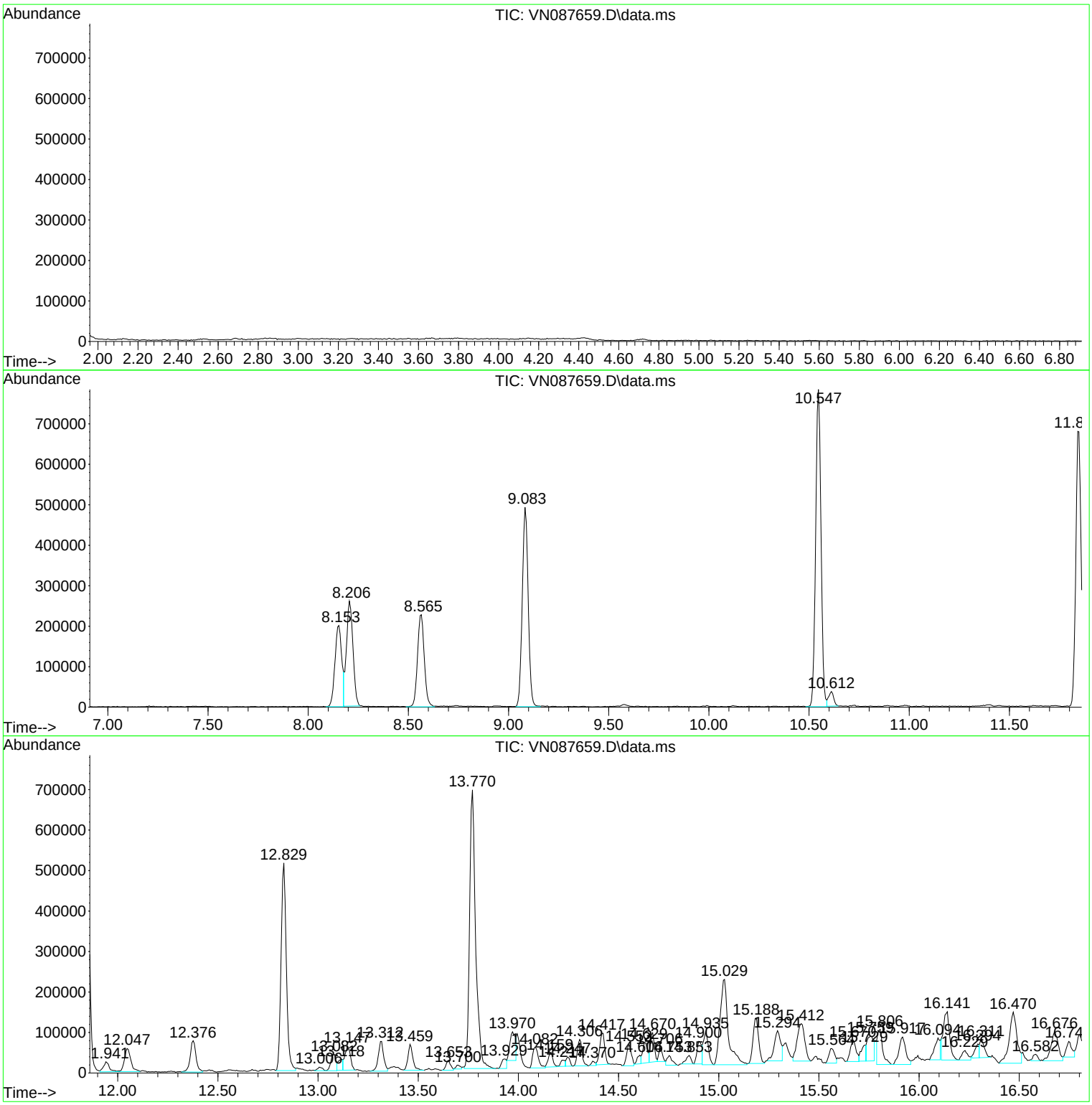
Sum of corrected areas: 13020414

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087659.D
Acq On : 25 Aug 2025 15:43
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087659.D
Acq On : 25 Aug 2025 15:43
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

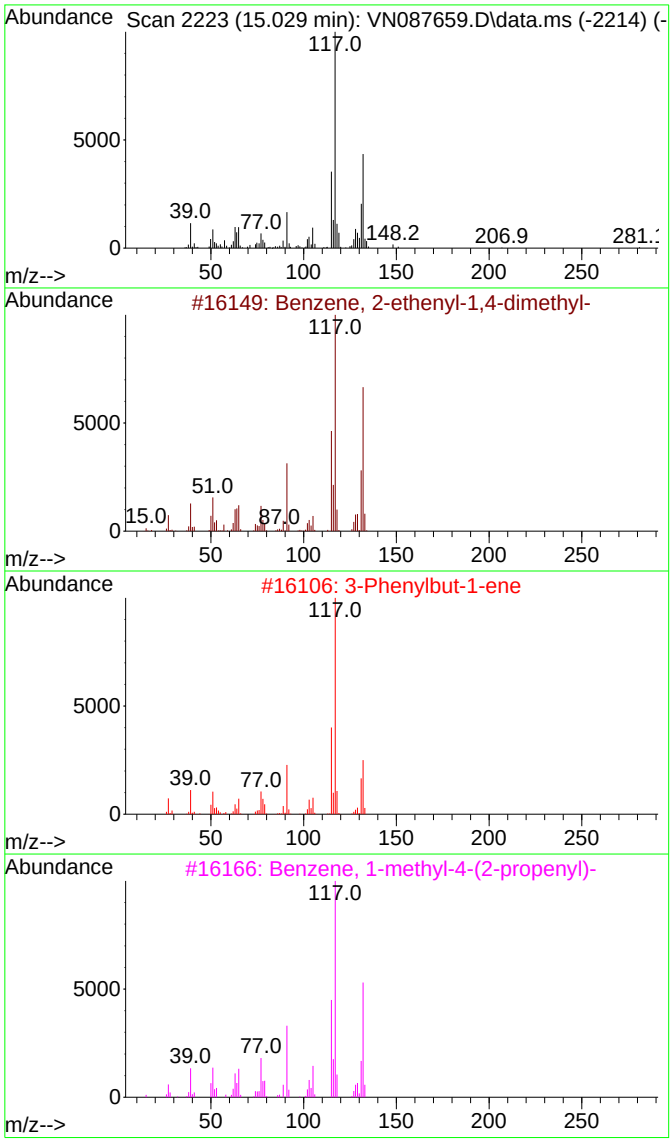
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

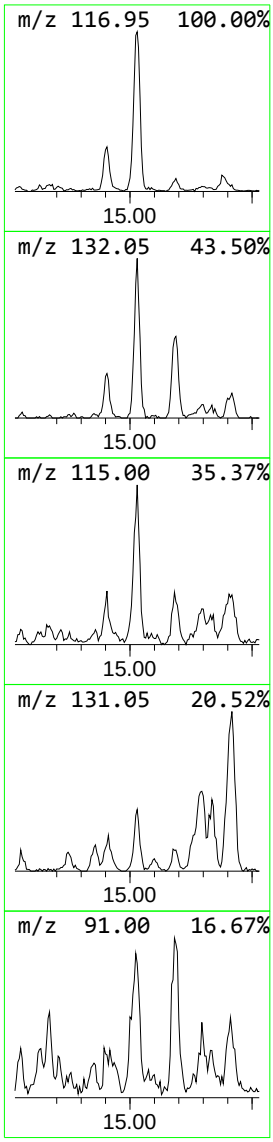
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.029	20.65 ug/l	597674	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	94
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	93
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087659.D
Acq On : 25 Aug 2025 15:43
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

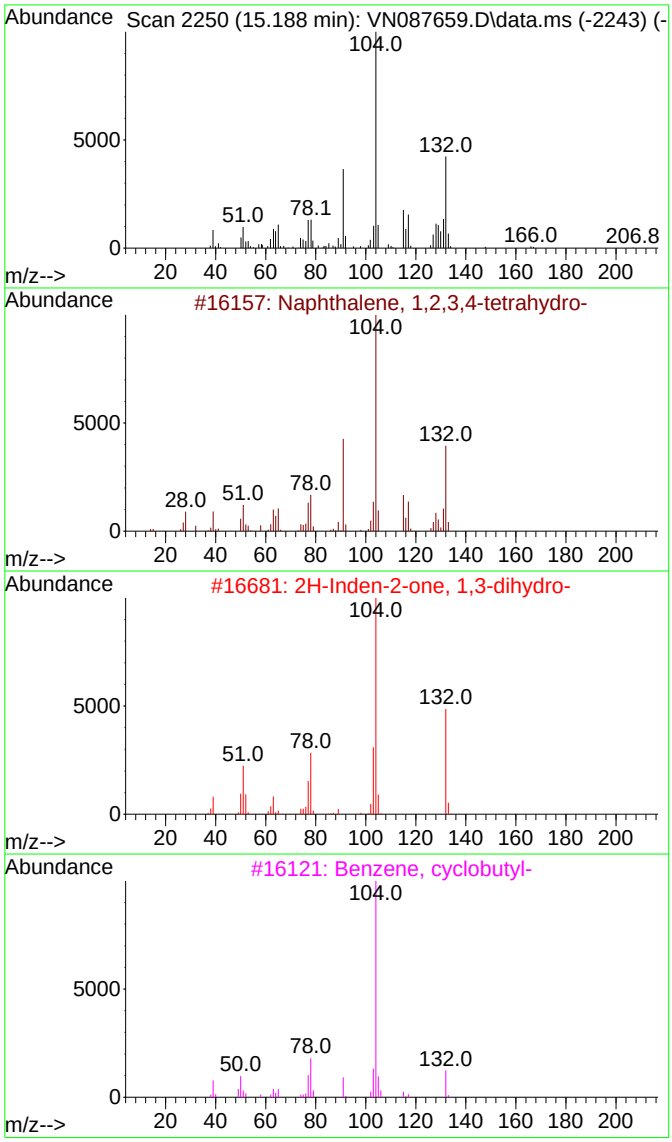
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

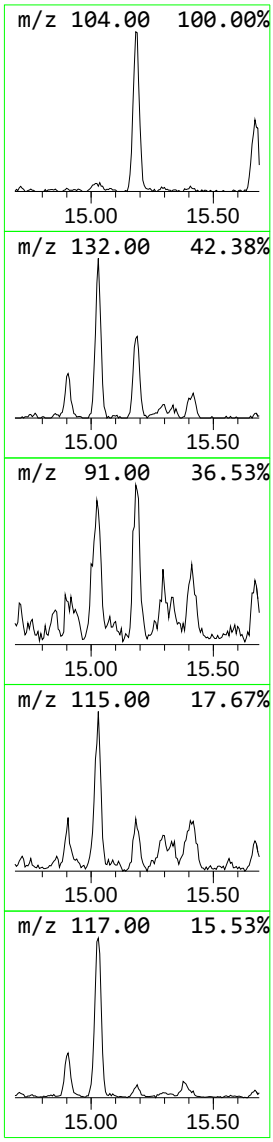
****

Peak Number 2 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.188	7.55 ug/l	218651	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
3	Benzene, cyclobutyl-	132	C10H12	004392-30-7	50
4	5,5-Dimethyl-4-phenyldihydrofura...	190	C12H14O2	013133-96-5	43
5	Benzenepropanoic acid, methyl ester	164	C10H12O2	000103-25-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087659.D
Acq On : 25 Aug 2025 15:43
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

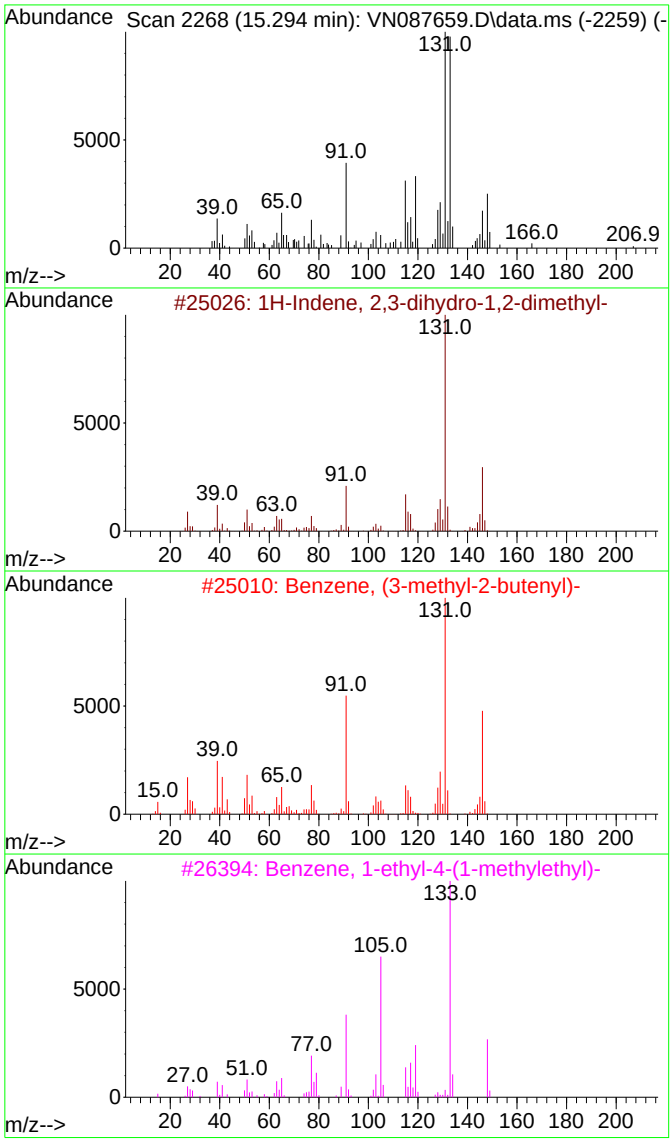
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

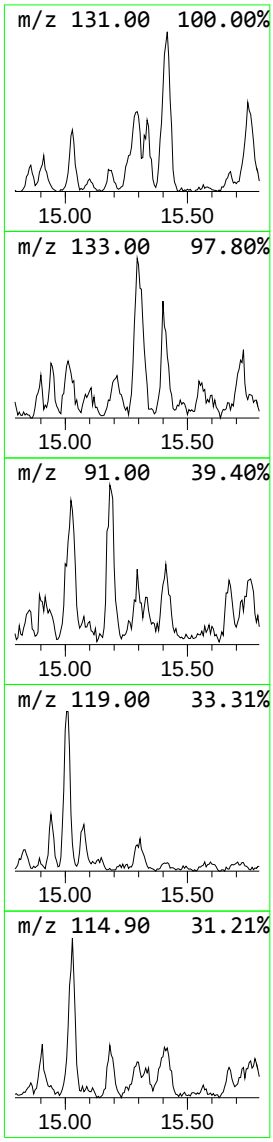
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.294	5.91 ug/l	171010	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
4	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	46
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087659.D
Acq On : 25 Aug 2025 15:43
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

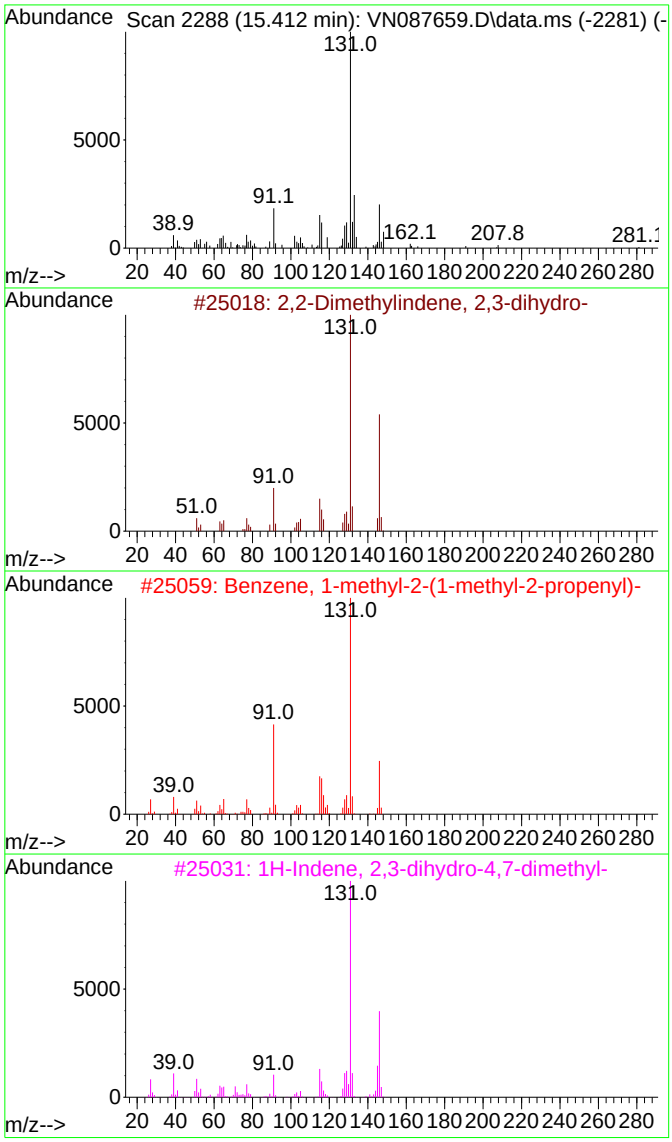
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

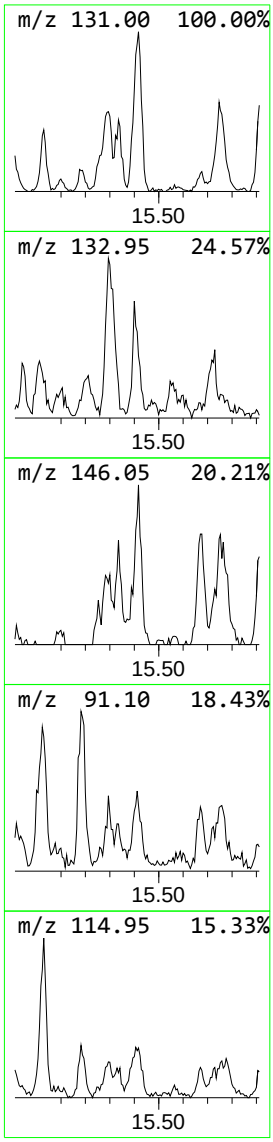
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,2-Dimethylindene, 2,3-dih... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.412	8.46 ug/l	244906	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087659.D
Acq On : 25 Aug 2025 15:43
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

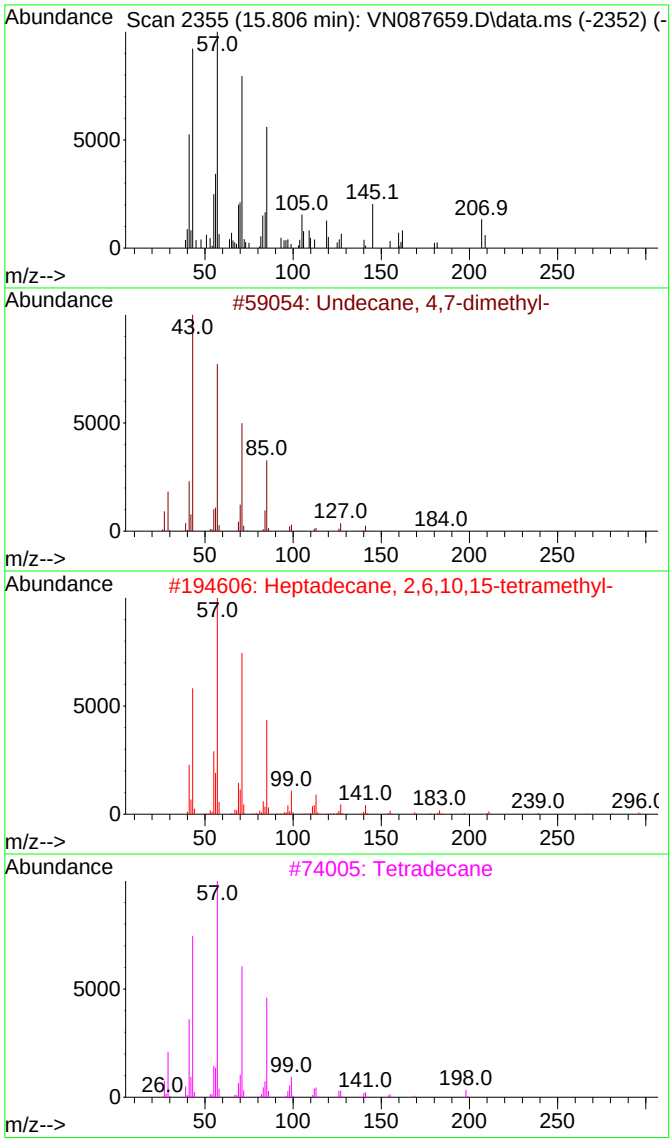
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

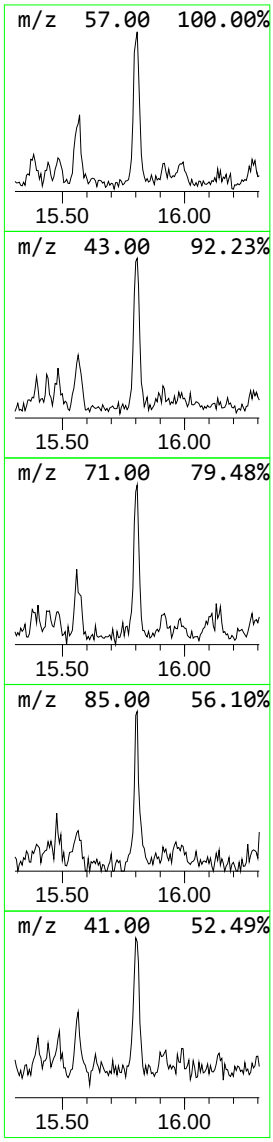
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Undecane, 4,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.806	5.23 ug/l	151381	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	59
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
3	Tetradecane	198	C14H30	000629-59-4	53
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	50
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087659.D
Acq On : 25 Aug 2025 15:43
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

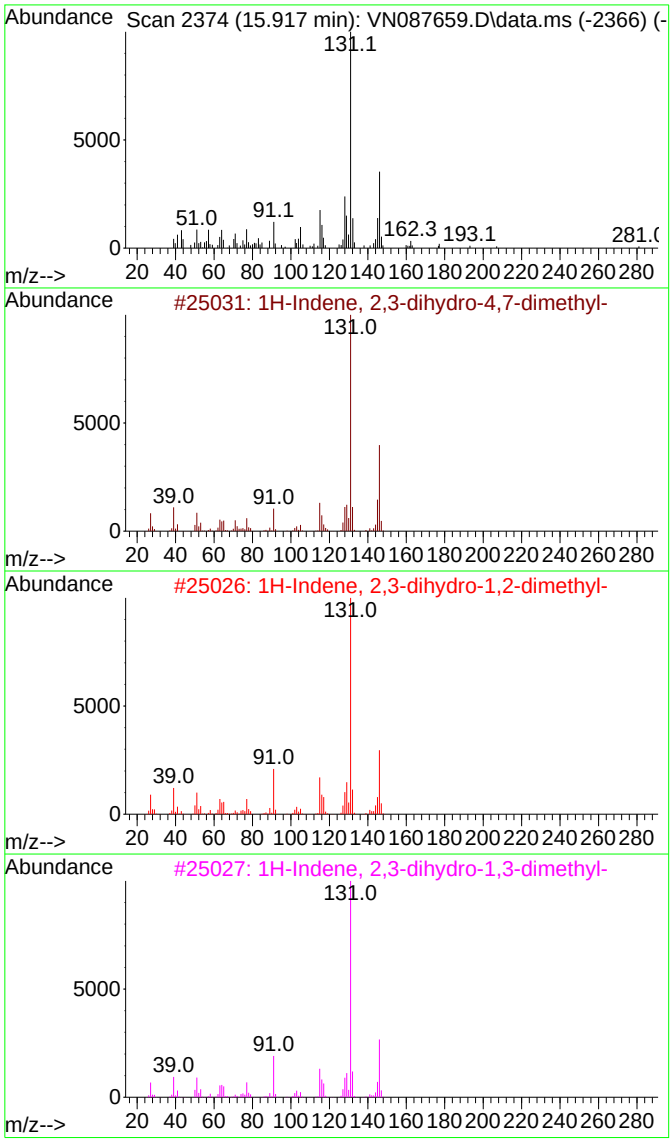
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

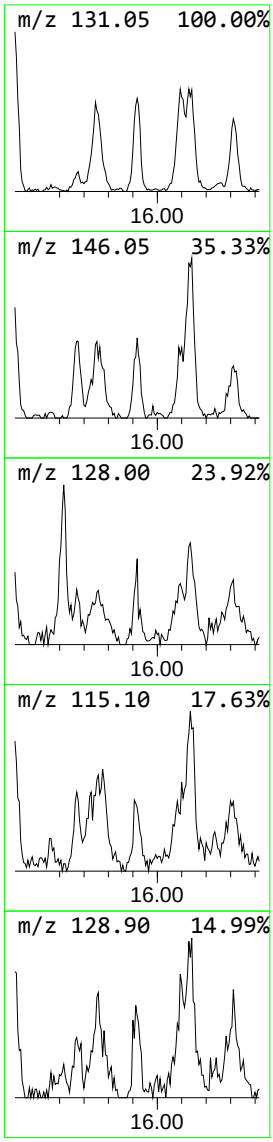
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.917	5.61 ug/l	162420	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087659.D
Acq On : 25 Aug 2025 15:43
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

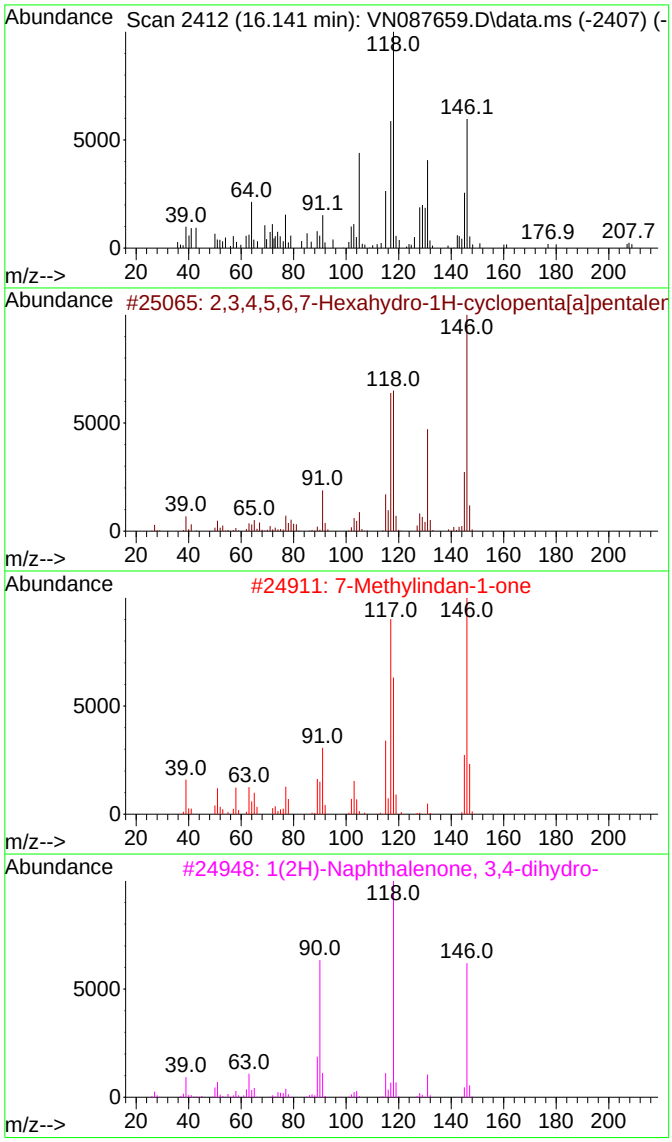
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

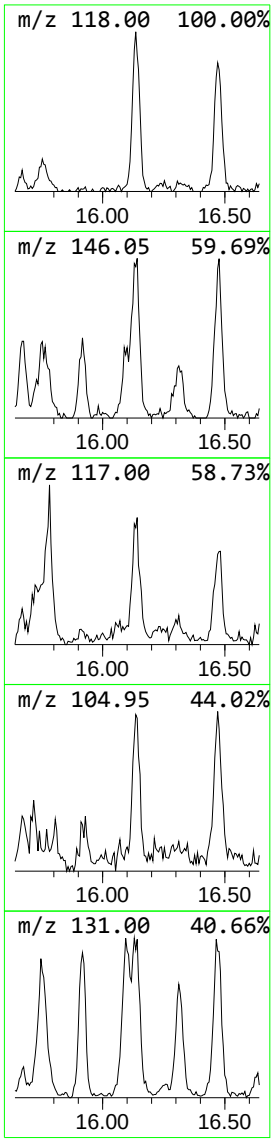
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,3,4,5,6,7-Hexahydro-1H-cy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.141	8.73 ug/l	252756	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	50
2	7-Methylindan-1-one	146	C10H10O	039627-61-7	38
3	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	35
4	Coumarin	146	C9H6O2	000091-64-5	27
5	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087659.D
Acq On : 25 Aug 2025 15:43
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

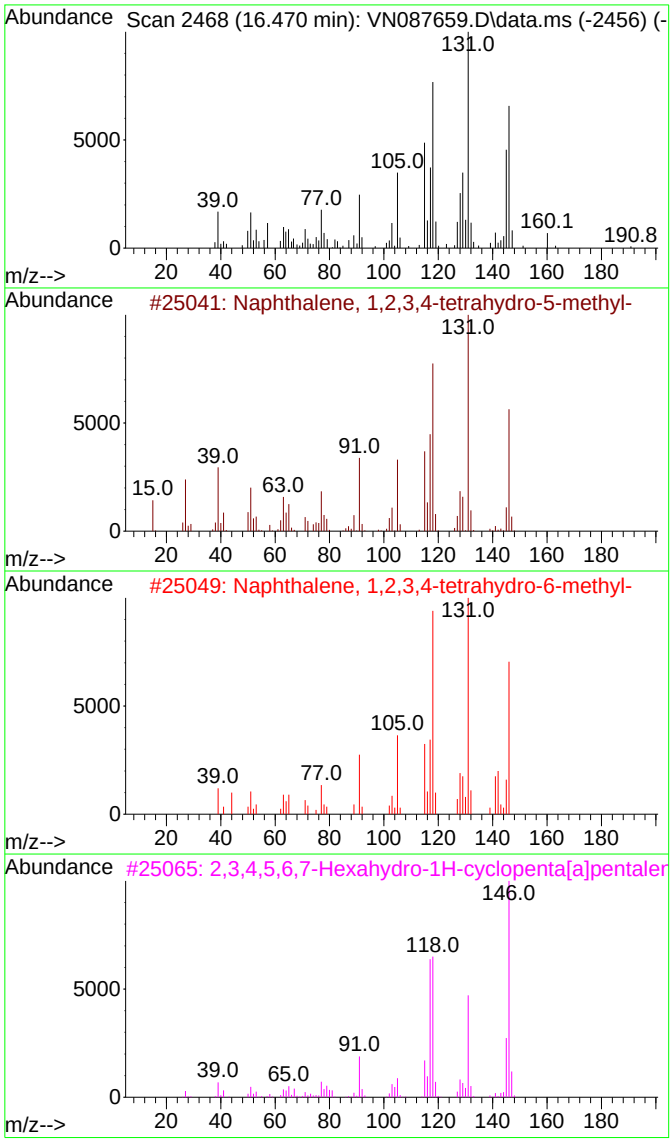
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

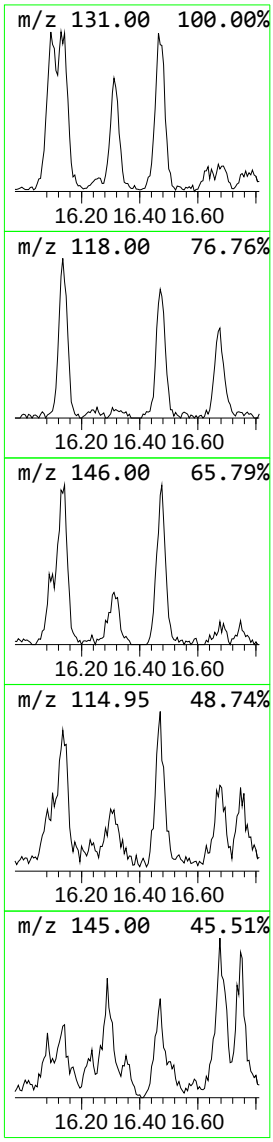
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.470	11.91 ug/l	344834	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	68
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	62
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087659.D
Acq On : 25 Aug 2025 15:43
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

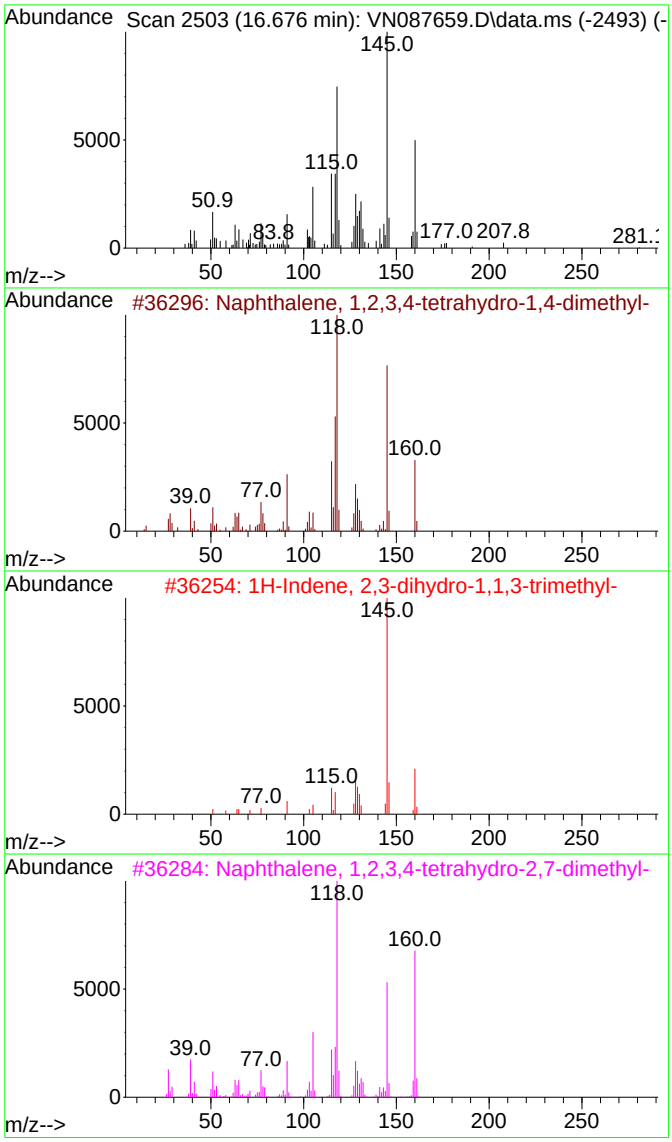
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

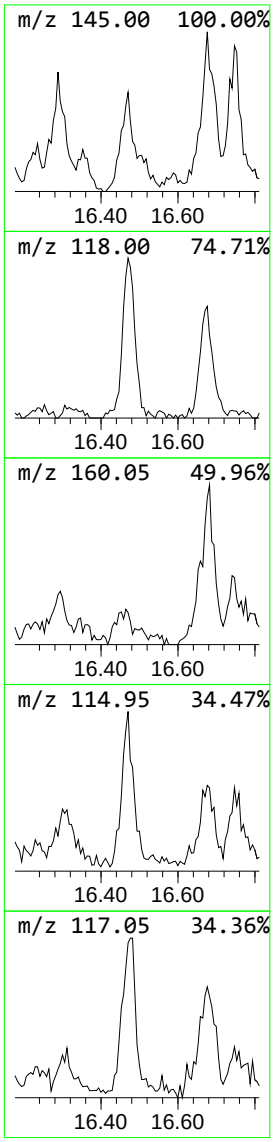
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.676	6.32 ug/l	182788	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	70
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087659.D
Acq On : 25 Aug 2025 15:43
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.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
Benzene, 2-ethe...	15.029	20.6	ug/l	597674	4	13.771	1447230	50.0
Naphthalene, 1,...	15.188	7.5	ug/l	218651	4	13.771	1447230	50.0
1H-Indene, 2,3-...	15.294	5.9	ug/l	171010	4	13.771	1447230	50.0
2,2-Dimethylind...	15.412	8.5	ug/l	244906	4	13.771	1447230	50.0
Undecane, 4,7-d...	15.806	5.2	ug/l	151381	4	13.771	1447230	50.0
1H-Indene, 2,3-...	15.917	5.6	ug/l	162420	4	13.771	1447230	50.0
2,3,4,5,6,7-Hex...	16.141	8.7	ug/l	252756	4	13.771	1447230	50.0
Naphthalene, 1,...	16.470	11.9	ug/l	344834	4	13.771	1447230	50.0
Naphthalene, 1,...	16.676	6.3	ug/l	182788	4	13.771	1447230	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087649.D
Acq On : 25 Aug 2025 10:33
Operator : JC\MD
Sample : VN0825WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

Quant Time: Aug 26 01:31:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

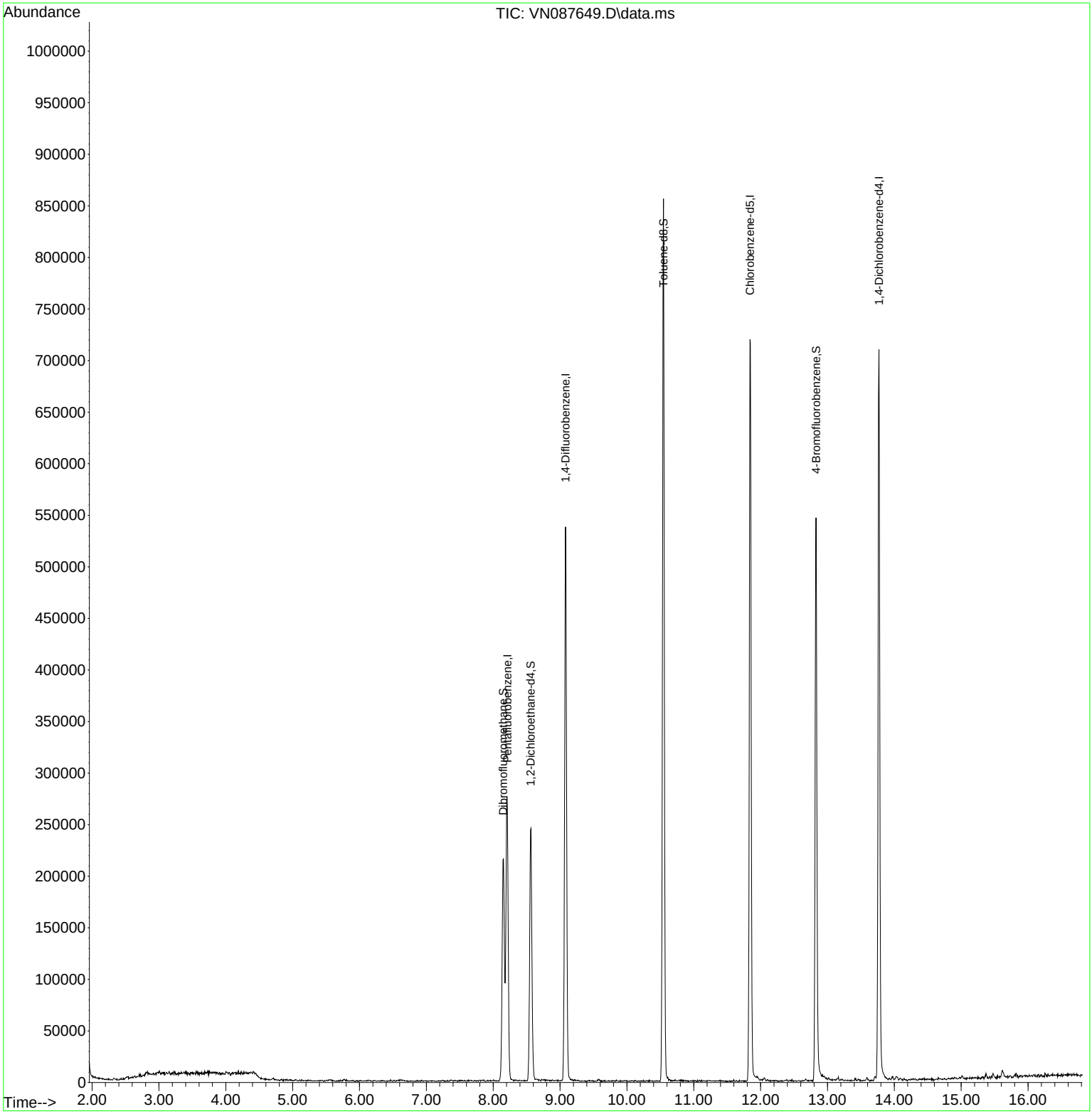
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	190267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	429125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	403882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	182604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	203967	52.321	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.640%			
35) Dibromofluoromethane	8.147	113	154869	49.986	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.980%			
50) Toluene-d8	10.547	98	558872	48.194	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.380%			
62) 4-Bromofluorobenzene	12.829	95	191876	46.527	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.060%			
Target Compounds						Qvalue

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

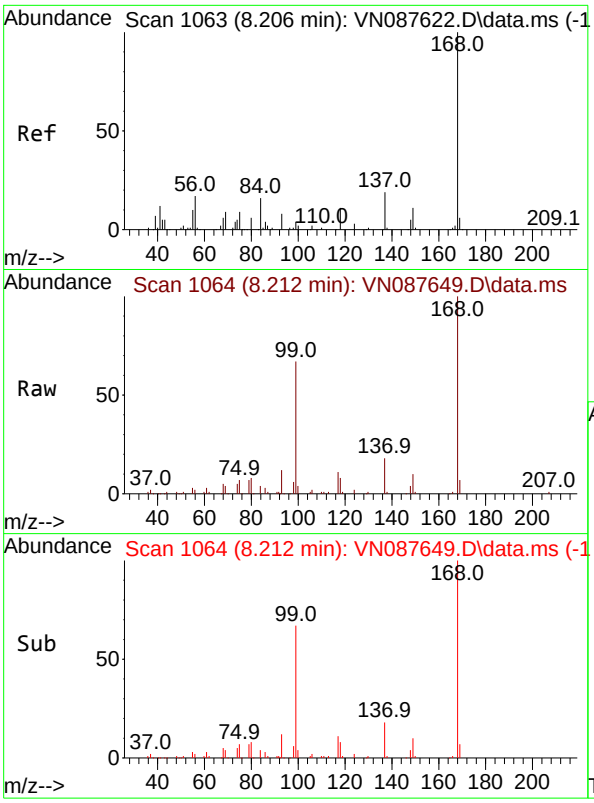
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087649.D
Acq On : 25 Aug 2025 10:33
Operator : JC\MD
Sample : VN0825WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

Quant Time: Aug 26 01:31:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



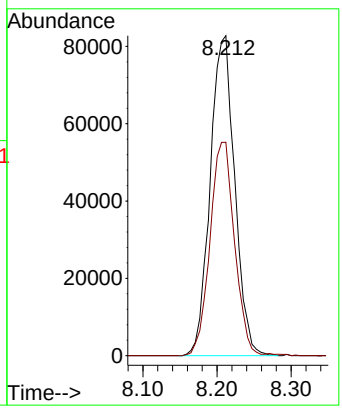
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

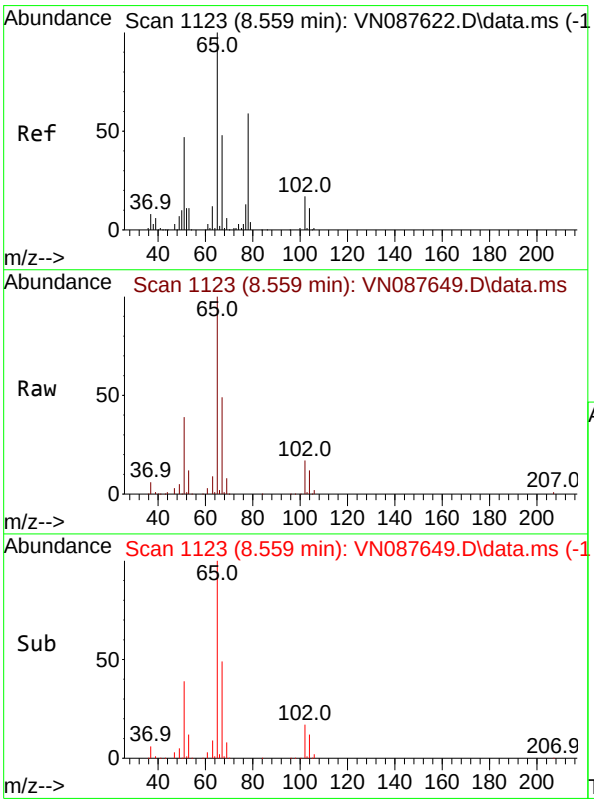


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087649.D
Acq: 25 Aug 2025 10:33

Tgt Ion:168 Resp: 190267

Ion	Ratio	Lower	Upper
168	100		
99	66.7	57.2	85.8

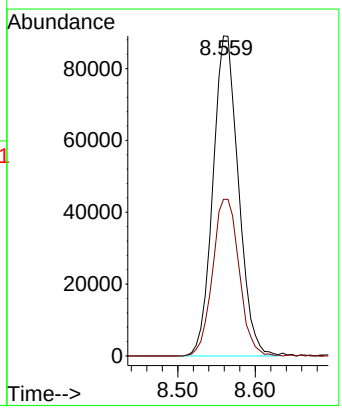


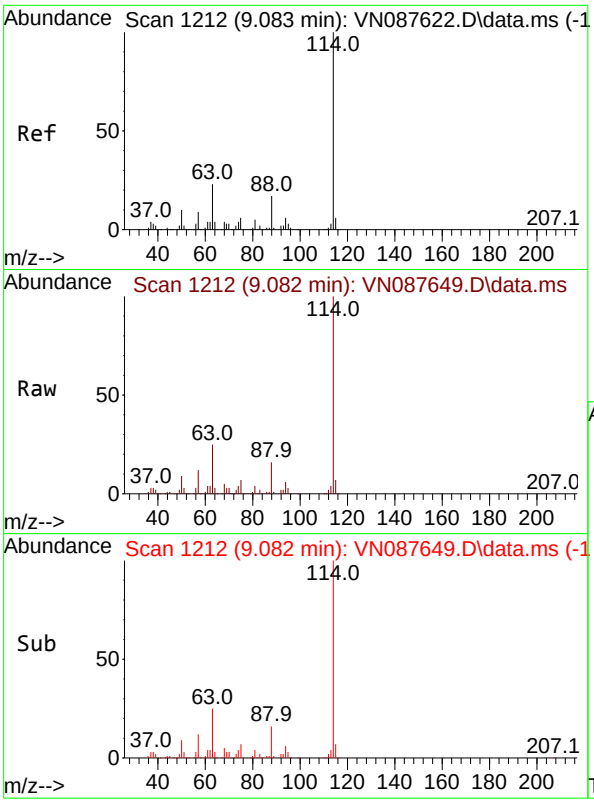


#33
1,2-Dichloroethane-d4
Concen: 52.321 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087649.D
Acq: 25 Aug 2025 10:33

Tgt Ion: 65 Resp: 203967

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	100.0



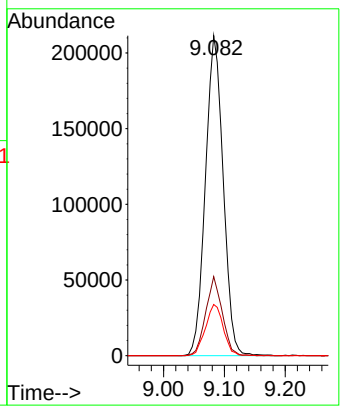


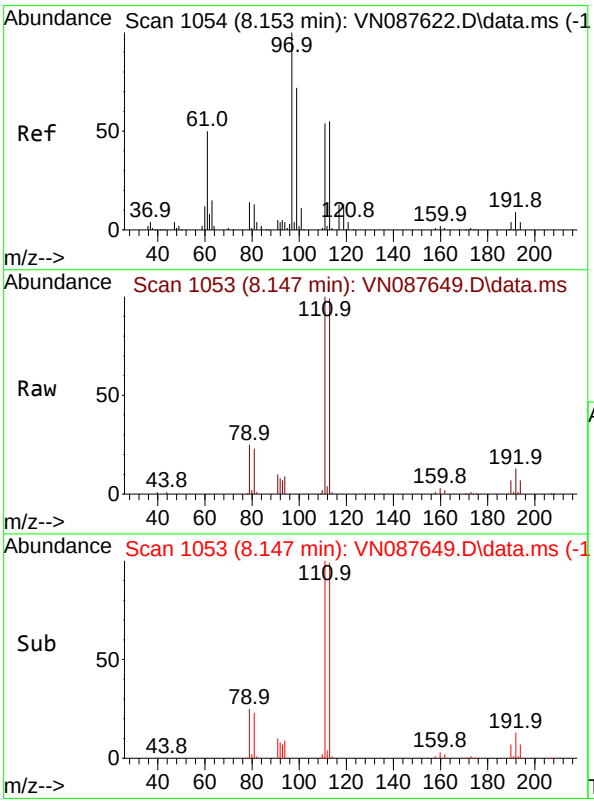
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087649.D
Acq: 25 Aug 2025 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

Tgt Ion:114 Resp: 429125

Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	45.2
88	16.0	0.0	33.4

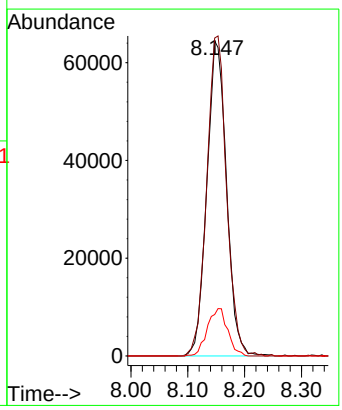


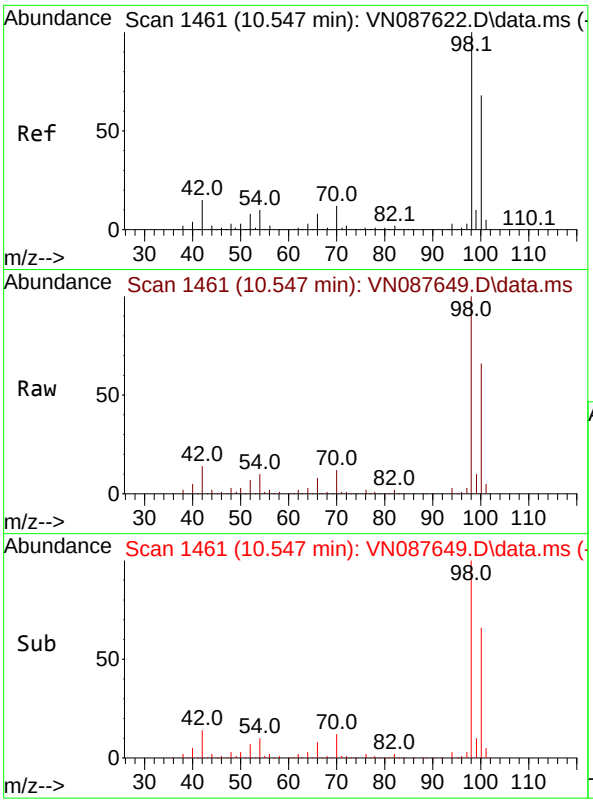


#35
Dibromofluoromethane
Concen: 49.986 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087649.D
Acq: 25 Aug 2025 10:33

Tgt Ion:113 Resp: 154869

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.8	124.2
192	15.5	12.8	19.2



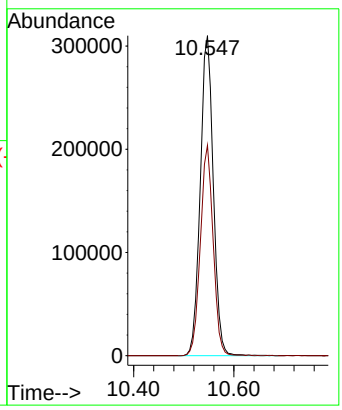


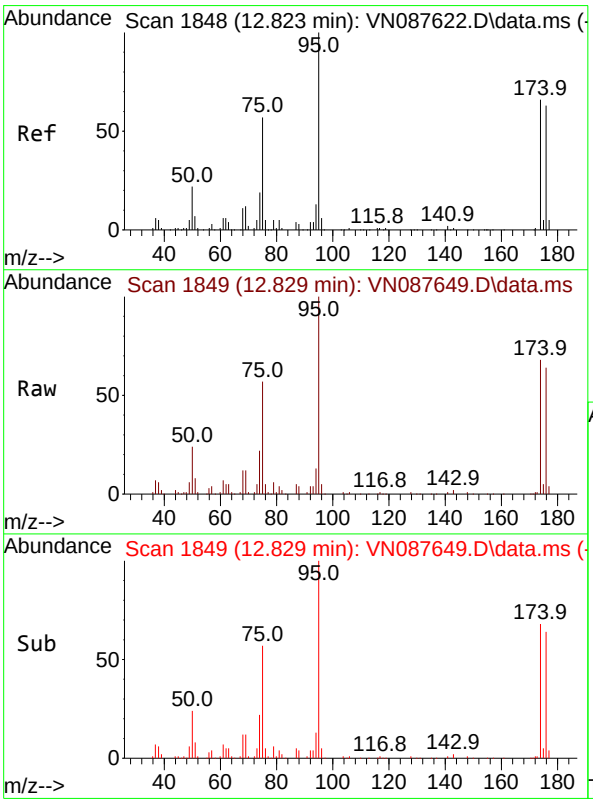
#50
Toluene-d8
Concen: 48.194 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087649.D
Acq: 25 Aug 2025 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

Tgt Ion: 98 Resp: 558872

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.8	79.2

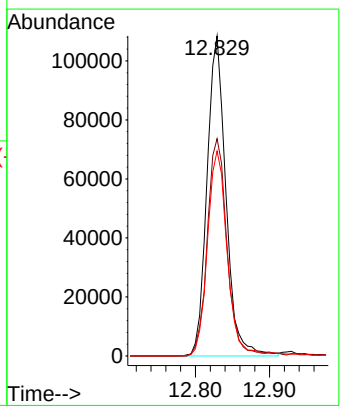


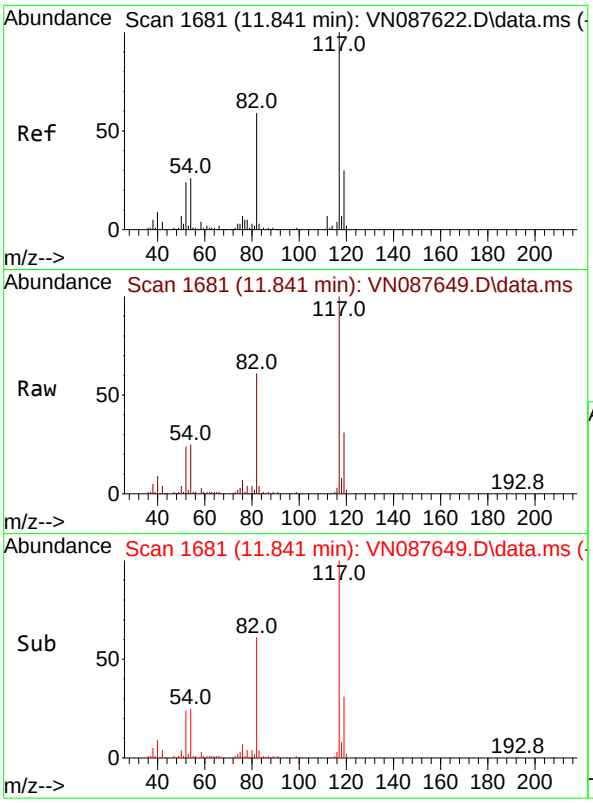


#62
4-Bromofluorobenzene
Concen: 46.527 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087649.D
Acq: 25 Aug 2025 10:33

Tgt Ion: 95 Resp: 191876

Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	138.4
176	66.4	0.0	132.6



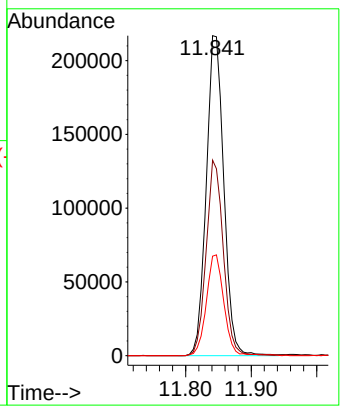


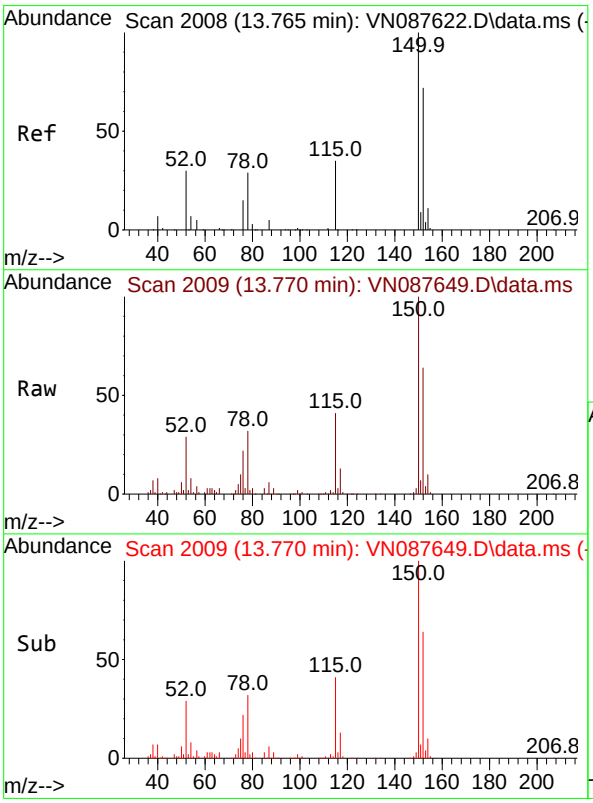
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087649.D
Acq: 25 Aug 2025 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

Tgt Ion:117 Resp: 403882

Ion	Ratio	Lower	Upper
117	100		
82	61.1	47.4	71.2
119	31.1	24.3	36.5

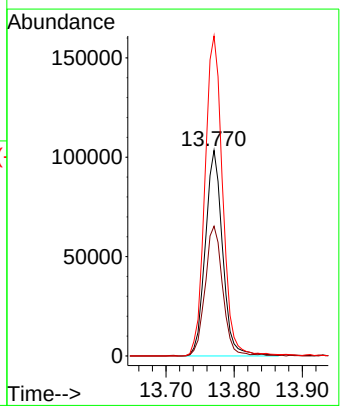




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087649.D
Acq: 25 Aug 2025 10:33

Tgt Ion:152 Resp: 182604

Ion	Ratio	Lower	Upper
152	100		
115	64.0	32.3	96.8
150	159.0	0.0	351.0



Sample Results: **VN087649.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087649.D
Acq On : 25 Aug 2025 10:33
Operator : JC\MD
Sample : VN0825WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

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\82N082125W.M
Title : SW846 8260

Signal : TIC: VN087649.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.153	1043	1054	1058	rBV2	215335	519404	33.41%	6.471%
2	8.206	1058	1063	1073	rVB	274623	634961	40.84%	7.911%
3	8.565	1114	1124	1134	rBV	244740	566707	36.45%	7.061%
4	9.082	1203	1212	1224	rBV	536965	1094355	70.39%	13.635%
5	10.547	1452	1461	1471	rBV	855948	1554670	100.00%	19.370%
6	11.841	1673	1681	1697	rBV	719128	1365693	87.84%	17.016%
7	12.829	1841	1849	1863	rBV	546663	1006244	64.72%	12.537%
8	13.770	2001	2009	2032	rVB	708333	1284132	82.60%	15.999%

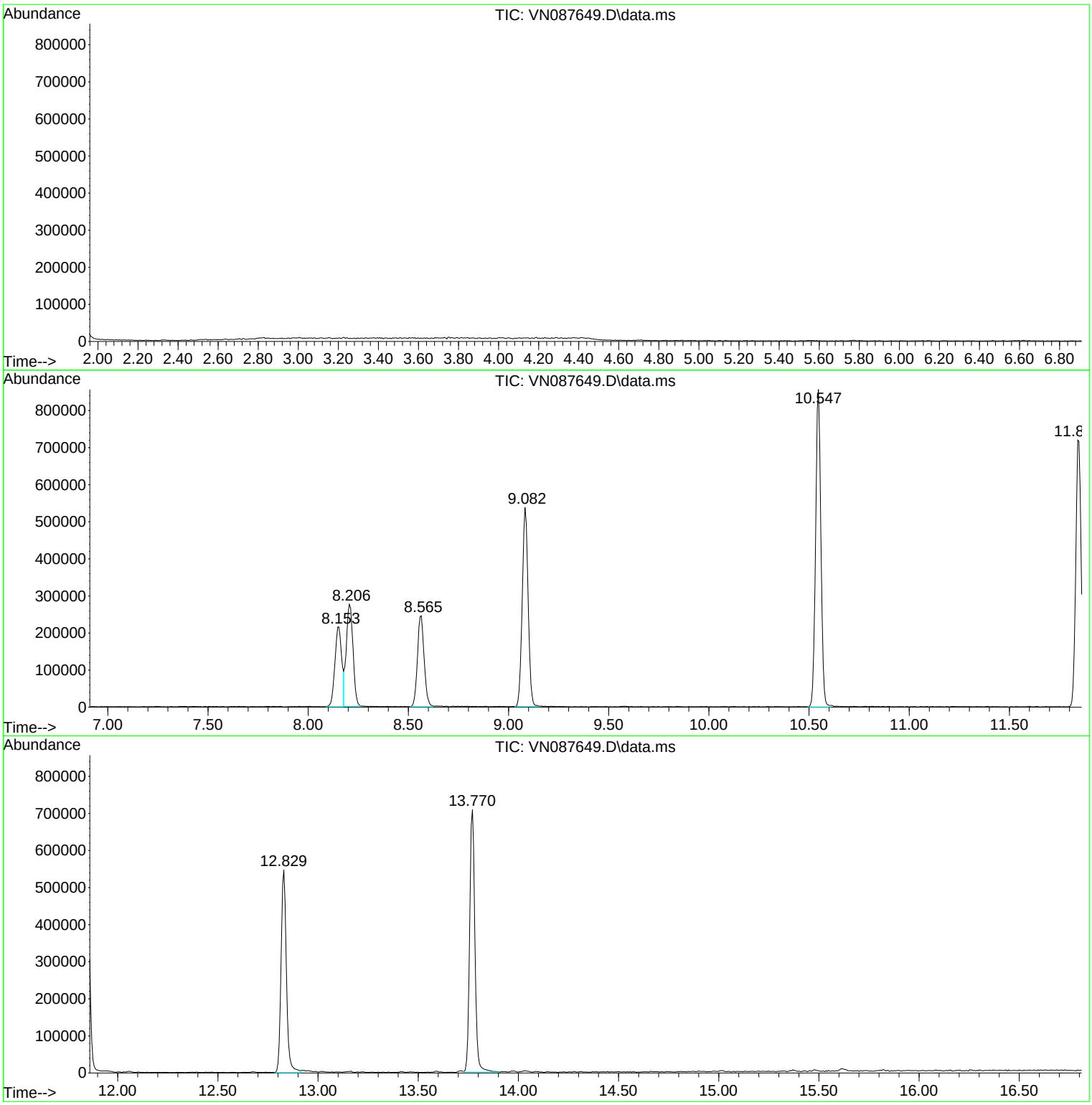
Sum of corrected areas: 8026166

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087649.D
Acq On : 25 Aug 2025 10:33
Operator : JC\MD
Sample : VN0825WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087649.D
Acq On : 25 Aug 2025 10:33
Operator : JC\MD
Sample : VN0825WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.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\VN082525\
Data File : VN087649.D
Acq On : 25 Aug 2025 10:33
Operator : JC\MD
Sample : VN0825WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.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\VN082525\
Data File : VN087650.D
Acq On : 25 Aug 2025 12:21
Operator : JC\MD
Sample : VN0825WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 26 01:32:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	223180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	452330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	403500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	202288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	214419	46.891	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.780%			
35) Dibromofluoromethane	8.153	113	150066	45.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.900%			
50) Toluene-d8	10.547	98	554082	45.330	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.660%			
62) 4-Bromofluorobenzene	12.829	95	194883	44.832	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	62067	19.581	ug/l	97
3) Chloromethane	2.383	50	62455	19.173	ug/l	95
4) Vinyl Chloride	2.536	62	70142	18.571	ug/l	98
5) Bromomethane	2.983	94	37956	19.476	ug/l	97
6) Chloroethane	3.136	64	48637	18.322	ug/l	97
7) Trichlorofluoromethane	3.512	101	104346	18.857	ug/l	97
8) Diethyl Ether	3.965	74	44292	18.379	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	55637	17.769	ug/l	98
10) Methyl Iodide	4.589	142	32544	18.824	ug/l	97
11) Tert butyl alcohol	5.530	59	74733	94.141	ug/l	99
12) 1,1-Dichloroethene	4.341	96	57619	17.907	ug/l	83
13) Acrolein	4.177	56	103430	105.982	ug/l	98
14) Allyl chloride	5.006	41	109090	18.709	ug/l	98
15) Acrylonitrile	5.706	53	198506	88.666	ug/l	99
16) Acetone	4.424	43	230719	92.687	ug/l	96
17) Carbon Disulfide	4.700	76	162082	18.297	ug/l	99
18) Methyl Acetate	5.024	43	96014	18.422	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	217356	18.007	ug/l	100
20) Methylene Chloride	5.265	84	66445	17.651	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	59125	16.954	ug/l	95
22) Diisopropyl ether	6.665	45	229975	18.276	ug/l #	97
23) Vinyl Acetate	6.588	43	1037528	90.629	ug/l	99
24) 1,1-Dichloroethane	6.553	63	122293	17.726	ug/l	95
25) 2-Butanone	7.471	43	297574	90.865	ug/l	99
26) 2,2-Dichloropropane	7.477	77	107942	18.229	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	71989	17.268	ug/l	95
28) Bromochloromethane	7.794	49	66584	19.963	ug/l	99
29) Tetrahydrofuran	7.824	42	185567	88.047	ug/l	99
30) Chloroform	7.947	83	125444	17.814	ug/l	98
31) Cyclohexane	8.235	56	104300	18.134	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	107771	18.059	ug/l	93
36) 1,1-Dichloropropene	8.353	75	82214	16.409	ug/l	97
37) Ethyl Acetate	7.547	43	112045	16.366	ug/l	98
38) Carbon Tetrachloride	8.347	117	89068	18.006	ug/l	95
39) Methylcyclohexane	9.582	83	92389	16.749	ug/l	96
40) Benzene	8.588	78	267561	17.412	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087650.D
Acq On : 25 Aug 2025 12:21
Operator : JC\MD
Sample : VN0825WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 26 01:32:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	58984	16.632	ug/l		97
42) 1,2-Dichloroethane	8.653	62	102076	17.286	ug/l		100
43) Isopropyl Acetate	8.671	43	186641	17.461	ug/l		99
44) Trichloroethene	9.329	130	60129	17.139	ug/l		100
45) 1,2-Dichloropropane	9.600	63	67419	16.644	ug/l		96
46) Dibromomethane	9.688	93	52335	18.156	ug/l		99
47) Bromodichloromethane	9.871	83	101851	17.241	ug/l	#	98
48) Methyl methacrylate	9.665	41	81785	16.176	ug/l		94
49) 1,4-Dioxane	9.682	88	25351	386.854	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.429	43	569141	88.252	ug/l		99
52) Toluene	10.612	92	165573	17.380	ug/l		97
53) t-1,3-Dichloropropene	10.818	75	106076	17.347	ug/l		97
54) cis-1,3-Dichloropropene	10.294	75	110849	17.459	ug/l		96
55) 1,1,2-Trichloroethane	11.000	97	65727	17.835	ug/l		97
56) Ethyl methacrylate	10.859	69	102199	17.352	ug/l		95
57) 1,3-Dichloropropane	11.141	76	116080	17.798	ug/l		96
58) 2-Chloroethyl Vinyl ether	10.141	63	313174	98.243	ug/l		99
59) 2-Hexanone	11.182	43	375717	92.183	ug/l		96
60) Dibromochloromethane	11.341	129	71077	16.645	ug/l		99
61) 1,2-Dibromoethane	11.447	107	66188	17.033	ug/l		98
64) Tetrachloroethene	11.082	164	47516	16.973	ug/l		98
65) Chlorobenzene	11.870	112	174339	17.367	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.941	131	62197	18.663	ug/l		98
67) Ethyl Benzene	11.941	91	309756	17.822	ug/l		94
68) m/p-Xylenes	12.053	106	229940	36.073	ug/l		99
69) o-Xylene	12.376	106	107145	17.152	ug/l		93
70) Styrene	12.394	104	187825	17.947	ug/l		97
71) Bromoform	12.559	173	46548	18.212	ug/l	#	97
73) Isopropylbenzene	12.676	105	282717	17.296	ug/l		99
74) N-amyl acetate	12.535	43	124550m	20.106	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	102489	18.211	ug/l		99
76) 1,2,3-Trichloropropane	12.976	75	99469m	20.968	ug/l		
77) Bromobenzene	12.959	156	68300	17.721	ug/l		99
78) n-propylbenzene	13.012	91	357820	17.772	ug/l		100
79) 2-Chlorotoluene	13.100	91	212124	17.507	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	243662	17.572	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.717	75	31638	17.656	ug/l		85
82) 4-Chlorotoluene	13.200	91	221660	17.400	ug/l		98
83) tert-Butylbenzene	13.417	119	202379	17.514	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	249103	17.945	ug/l		97
85) sec-Butylbenzene	13.594	105	304307	17.746	ug/l		100
86) p-Isopropyltoluene	13.706	119	247840	17.503	ug/l		99
87) 1,3-Dichlorobenzene	13.711	146	129407	17.050	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	134736	17.058	ug/l		99
89) n-Butylbenzene	14.035	91	245432	17.452	ug/l		99
90) Hexachloroethane	14.306	117	46243	17.141	ug/l		96
91) 1,2-Dichlorobenzene	14.082	146	127220	17.668	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22816	17.066	ug/l		94
93) 1,2,4-Trichlorobenzene	15.370	180	74556	17.243	ug/l		99
94) Hexachlorobutadiene	15.476	225	26329	17.080	ug/l		99
95) Naphthalene	15.617	128	262337	17.129	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	71418	16.895	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087650.D
Acq On : 25 Aug 2025 12:21
Operator : JC\MD
Sample : VN0825WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 26 01:32:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

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

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

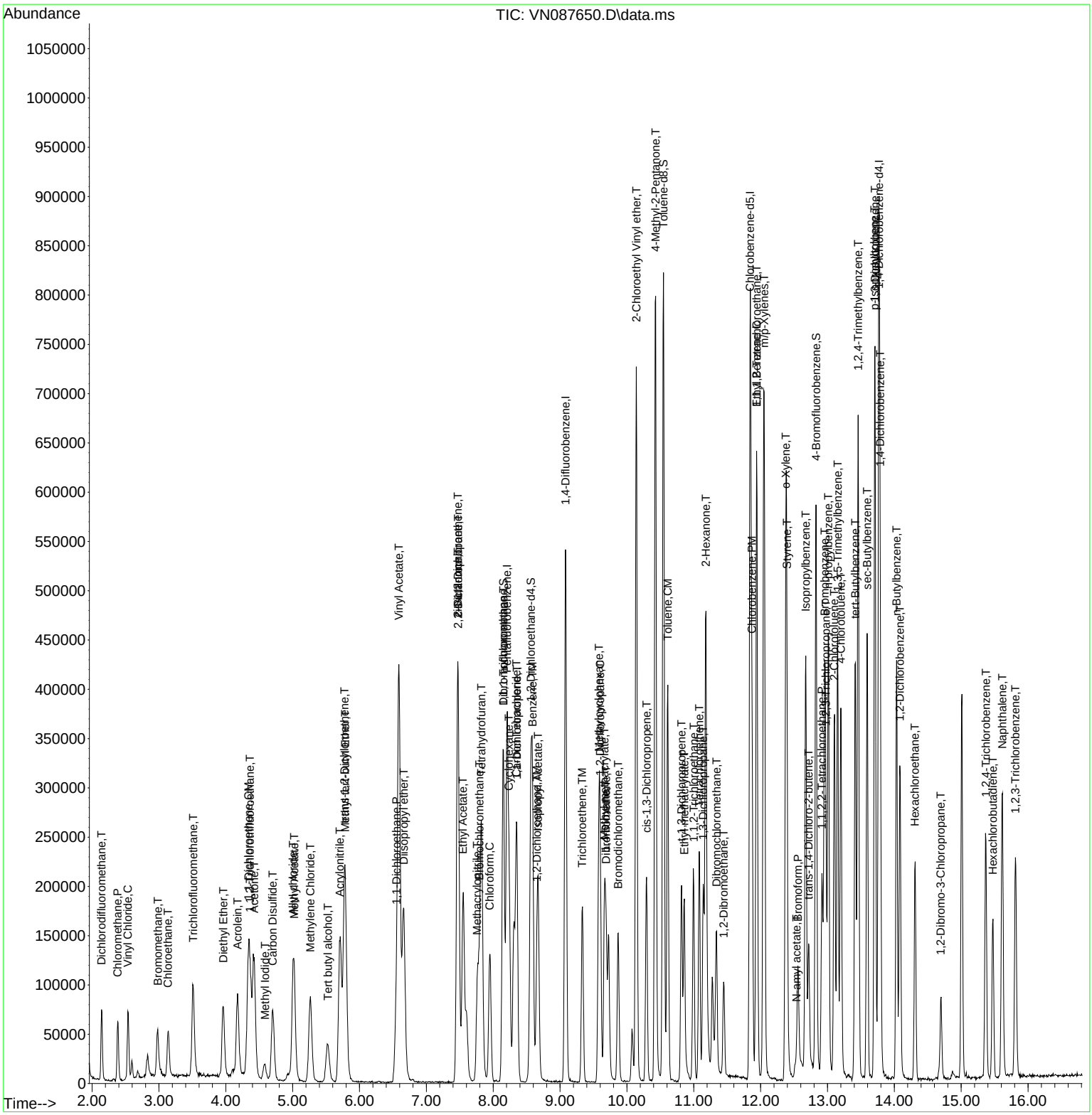
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087650.D
Acq On : 25 Aug 2025 12:21
Operator : JC\MD
Sample : VN0825WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 26 01:32:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087651.D
Acq On : 25 Aug 2025 12:56
Operator : JC\MD
Sample : VN0825WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 26 01:33:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	230804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	442728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	414378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	204092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	219291	46.372	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.740%		
35) Dibromofluoromethane	8.147	113	149745	46.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.700%		
50) Toluene-d8	10.547	98	553011	46.223	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.440%		
62) 4-Bromofluorobenzene	12.829	95	197297	46.371	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.740%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	71103	21.691	ug/l	94
3) Chloromethane	2.383	50	66060	19.609	ug/l	89
4) Vinyl Chloride	2.542	62	74382	19.043	ug/l	96
5) Bromomethane	2.977	94	37330	18.522	ug/l	92
6) Chloroethane	3.142	64	49313	17.963	ug/l	93
7) Trichlorofluoromethane	3.512	101	109068	19.059	ug/l	91
8) Diethyl Ether	3.965	74	45216	18.142	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	61089	18.866	ug/l	97
10) Methyl Iodide	4.589	142	33346	18.713	ug/l	98
11) Tert butyl alcohol	5.518	59	77278	94.132	ug/l	99
12) 1,1-Dichloroethene	4.342	96	61706	18.544	ug/l	90
13) Acrolein	4.177	56	108756	107.758	ug/l	96
14) Allyl chloride	5.012	41	115582m	19.167	ug/l	
15) Acrylonitrile	5.712	53	211379	91.297	ug/l	98
16) Acetone	4.424	43	220266	85.565	ug/l	99
17) Carbon Disulfide	4.700	76	165659	18.083	ug/l	98
18) Methyl Acetate	5.024	43	105083	19.496	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	230313	18.450	ug/l	96
20) Methylene Chloride	5.259	84	69881	17.972	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	61895	17.162	ug/l #	92
22) Diisopropyl ether	6.659	45	236198	18.151	ug/l	95
23) Vinyl Acetate	6.589	43	1099385	92.860	ug/l	99
24) 1,1-Dichloroethane	6.553	63	123467	17.305	ug/l	96
25) 2-Butanone	7.471	43	306542	90.512	ug/l	98
26) 2,2-Dichloropropane	7.477	77	110994	18.125	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	77006	17.861	ug/l	99
28) Bromochloromethane	7.794	49	68281	19.795	ug/l	99
29) Tetrahydrofuran	7.824	42	201064	92.249	ug/l	99
30) Chloroform	7.947	83	132333	18.171	ug/l	97
31) Cyclohexane	8.236	56	109362	18.386	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	109359	17.719	ug/l	99
36) 1,1-Dichloropropene	8.353	75	88273	18.001	ug/l	99
37) Ethyl Acetate	7.547	43	119052	17.766	ug/l	99
38) Carbon Tetrachloride	8.347	117	93009	19.210	ug/l	93
39) Methylcyclohexane	9.583	83	103607	19.191	ug/l	90
40) Benzene	8.588	78	276094	18.356	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087651.D
Acq On : 25 Aug 2025 12:56
Operator : JC\MD
Sample : VN0825WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 26 01:33:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	65630	18.907	ug/l		98
42) 1,2-Dichloroethane	8.653	62	108140	18.710	ug/l		98
43) Isopropyl Acetate	8.677	43	201379	19.249	ug/l		99
44) Trichloroethene	9.335	130	62140	18.096	ug/l		99
45) 1,2-Dichloropropane	9.600	63	71817	18.115	ug/l		96
46) Dibromomethane	9.694	93	52865	18.738	ug/l		97
47) Bromodichloromethane	9.871	83	108120	18.699	ug/l		95
48) Methyl methacrylate	9.665	41	92608	18.714	ug/l		99
49) 1,4-Dioxane	9.683	88	25291	394.309	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.424	43	618294	97.953	ug/l		99
52) Toluene	10.612	92	170243	18.258	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	113820	19.018	ug/l		97
54) cis-1,3-Dichloropropene	10.294	75	114391	18.407	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	67370	18.677	ug/l		94
56) Ethyl methacrylate	10.859	69	110105	19.100	ug/l		100
57) 1,3-Dichloropropane	11.141	76	118896	18.625	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	290377	93.067	ug/l		97
59) 2-Hexanone	11.177	43	388655	97.425	ug/l		100
60) Dibromochloromethane	11.341	129	76263	18.247	ug/l		98
61) 1,2-Dibromoethane	11.447	107	69915	18.382	ug/l		99
64) Tetrachloroethene	11.082	164	48580	16.898	ug/l		92
65) Chlorobenzene	11.871	112	182410	17.694	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.941	131	64906	18.965	ug/l		99
67) Ethyl Benzene	11.941	91	320645	17.964	ug/l		97
68) m/p-Xylenes	12.053	106	236389	36.111	ug/l		100
69) o-Xylene	12.376	106	117070	18.249	ug/l		99
70) Styrene	12.388	104	198670	18.485	ug/l		98
71) Bromoform	12.559	173	48199	18.363	ug/l	#	97
73) Isopropylbenzene	12.676	105	297882	18.062	ug/l		100
74) N-amyl acetate	12.547	43	110842m	17.735	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	109740	19.327	ug/l		100
76) 1,2,3-Trichloropropane	12.971	75	88665m	18.526	ug/l		
77) Bromobenzene	12.959	156	68944	17.730	ug/l		95
78) n-propylbenzene	13.012	91	374025	18.412	ug/l		99
79) 2-Chlorotoluene	13.100	91	221341	18.106	ug/l		98
80) 1,3,5-Trimethylbenzene	13.153	105	253186	18.097	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.718	75	31340	17.336	ug/l		91
82) 4-Chlorotoluene	13.200	91	231152	17.984	ug/l		99
83) tert-Butylbenzene	13.418	119	216360	18.558	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	256016	18.280	ug/l		99
85) sec-Butylbenzene	13.594	105	327224	18.914	ug/l		99
86) p-Isopropyltoluene	13.706	119	268502	18.794	ug/l		100
87) 1,3-Dichlorobenzene	13.712	146	136313	17.801	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	142274	17.853	ug/l		99
89) n-Butylbenzene	14.035	91	264177	18.619	ug/l		99
90) Hexachloroethane	14.306	117	49011	18.007	ug/l		95
91) 1,2-Dichlorobenzene	14.082	146	131567	18.110	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	25585	18.968	ug/l		95
93) 1,2,4-Trichlorobenzene	15.370	180	82449	18.900	ug/l		97
94) Hexachlorobutadiene	15.476	225	29874	19.208	ug/l		96
95) Naphthalene	15.617	128	279642	18.098	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	76698	17.984	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087651.D
Acq On : 25 Aug 2025 12:56
Operator : JC\MD
Sample : VN0825WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 26 01:33:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

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

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

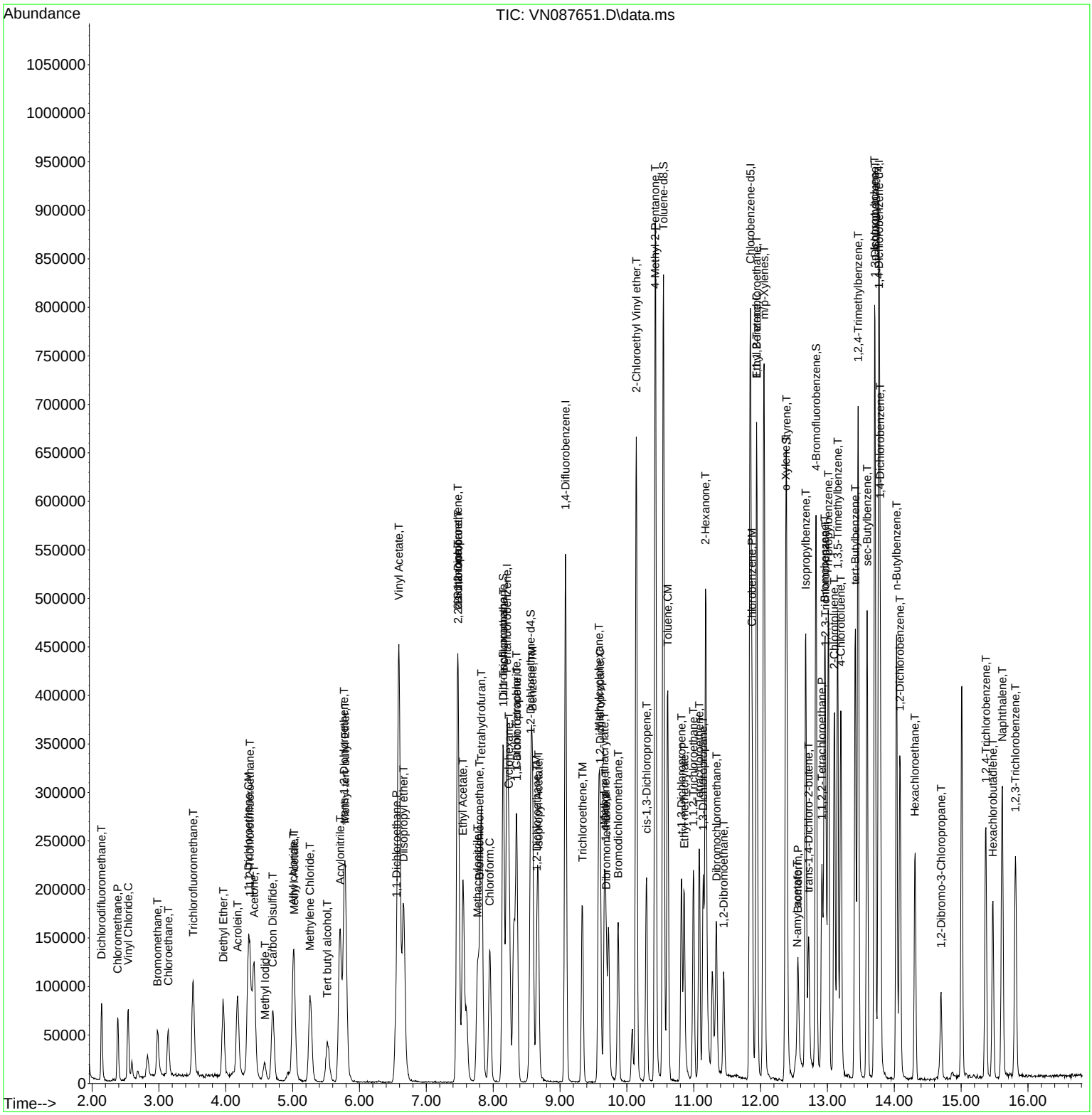
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087651.D
Acq On : 25 Aug 2025 12:56
Operator : JC\MD
Sample : VN0825WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 26 01:33:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



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

Manual Integration Report

Sequence:	VN082125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN087619.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	1,4-Dichlorobenzene	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	Diethyl Ether	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	Ethyl Acetate	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	Methyl Acetate	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	N-amyl acetate	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC005	VN087620.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:16:49 AM	MMDadoda	8/25/2025 8:11:20 AM	Peak Integrated by Software
VSTDICC005	VN087620.D	Ethyl Acetate	JOHN	8/22/2025 9:16:49 AM	MMDadoda	8/25/2025 8:11:20 AM	Peak Integrated by Software
VSTDICC005	VN087620.D	N-amyl acetate	JOHN	8/22/2025 9:16:49 AM	MMDadoda	8/25/2025 8:11:20 AM	Peak Integrated by Software
VSTDICC020	VN087621.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:20 AM	MMDadoda	8/25/2025 8:11:22 AM	Peak Integrated by Software
VSTDICC020	VN087621.D	N-amyl acetate	JOHN	8/22/2025 9:17:20 AM	MMDadoda	8/25/2025 8:11:22 AM	Peak Integrated by Software
VSTDICCC050	VN087622.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:24 AM	MMDadoda	8/25/2025 8:11:23 AM	Peak Integrated by Software
VSTDICCC050	VN087622.D	N-amyl acetate	JOHN	8/22/2025 9:17:24 AM	MMDadoda	8/25/2025 8:11:23 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN082125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN087623.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:28 AM	MMDadoda	8/25/2025 8:11:24 AM	Peak Integrated by Software
VSTDICC150	VN087624.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:33 AM	MMDadoda	8/25/2025 8:11:26 AM	Peak Integrated by Software
VSTDICV050	VN087626.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:37 AM	MMDadoda	8/25/2025 8:11:28 AM	Peak Integrated by Software
VSTDICV050	VN087626.D	N-amyl acetate	JOHN	8/22/2025 9:17:37 AM	MMDadoda	8/25/2025 8:11:28 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN082525	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087647.D	1,2,3-Trichloropropane	JOHN	8/26/2025 8:55:35 AM	MMDadoda	8/26/2025 3:15:26 PM	Peak Integrated by Software
VSTDCCC050	VN087647.D	N-amyl acetate	JOHN	8/26/2025 8:55:35 AM	MMDadoda	8/26/2025 3:15:26 PM	Peak Integrated by Software
VN0825WBS01	VN087650.D	1,2,3-Trichloropropane	JOHN	8/26/2025 8:55:39 AM	MMDadoda	8/26/2025 3:15:28 PM	Peak Integrated by Software
VN0825WBS01	VN087650.D	N-amyl acetate	JOHN	8/26/2025 8:55:39 AM	MMDadoda	8/26/2025 3:15:28 PM	Peak Integrated by Software
VN0825WBSD01	VN087651.D	1,2,3-Trichloropropane	JOHN	8/26/2025 8:55:43 AM	MMDadoda	8/26/2025 3:15:30 PM	Peak Integrated by Software
VN0825WBSD01	VN087651.D	Allyl chloride	JOHN	8/26/2025 8:55:43 AM	MMDadoda	8/26/2025 3:15:30 PM	Peak Integrated by Software
VN0825WBSD01	VN087651.D	N-amyl acetate	JOHN	8/26/2025 8:55:43 AM	MMDadoda	8/26/2025 3:15:30 PM	Peak Integrated by Software
VSTDCCC050	VN087666.D	1,2,3-Trichloropropane	JOHN	8/26/2025 8:55:51 AM	MMDadoda	8/26/2025 3:15:36 PM	Peak Integrated by Software
VSTDCCC050	VN087666.D	N-amyl acetate	JOHN	8/26/2025 8:55:51 AM	MMDadoda	8/26/2025 3:15:36 PM	Peak Integrated by Software

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 # VN082125

Review By	John Carlone	Review On	8/22/2025 9:17:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 8:11:38 AM		
SubDirectory	VN082125	HP Acquire Method		HP Processing Method	82N082125

STD. NAME	STD REF.#
Tune/Reschk	VP135214
Initial Calibration Stds	VP135215,VP135216,VP135217,VP135218,VP135219,VP135220
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135221
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087614.D	21 Aug 2025 09:30	JC\MD	Ok
2	VSTDCCC020	VN087615.D	21 Aug 2025 10:04	JC\MD	Not Ok
3	VN0821WBS01	VN087616.D	21 Aug 2025 10:37	JC\MD	Not Ok
4	VN0821WBSD01	VN087617.D	21 Aug 2025 11:11	JC\MD	Not Ok
5	VN0821WBL01	VN087618.D	21 Aug 2025 11:36	JC\MD	Not Ok
6	VSTDICC001	VN087619.D	21 Aug 2025 12:09	JC\MD	Ok,M
7	VSTDICC005	VN087620.D	21 Aug 2025 13:08	JC\MD	Ok,M
8	VSTDICC020	VN087621.D	21 Aug 2025 13:41	JC\MD	Ok,M
9	VSTDICCC050	VN087622.D	21 Aug 2025 14:02	JC\MD	Ok,M
10	VSTDICC100	VN087623.D	21 Aug 2025 14:23	JC\MD	Ok,M
11	VSTDICC150	VN087624.D	21 Aug 2025 14:44	JC\MD	Ok,M
12	IBLK	VN087625.D	21 Aug 2025 15:05	JC\MD	Ok
13	VSTDICV050	VN087626.D	21 Aug 2025 15:47	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 # VN082525

Review By	John Carlone	Review On	8/26/2025 9:08:17 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/26/2025 3:15:38 PM		
SubDirectory	VN082525	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135285
Initial Calibration Stds	
CCC	VP135286,VP135287
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087646.D	25 Aug 2025 08:15	JC\MD	Ok
2	VSTDCCC050	VN087647.D	25 Aug 2025 09:37	JC\MD	Ok,M
3	VN0825MBL01	VN087648.D	25 Aug 2025 10:12	JC\MD	Ok
4	VN0825WBL01	VN087649.D	25 Aug 2025 10:33	JC\MD	Ok
5	VN0825WBS01	VN087650.D	25 Aug 2025 12:21	JC\MD	Ok,M
6	VN0825WBSD01	VN087651.D	25 Aug 2025 12:56	JC\MD	Ok,M
7	Q2936-02DL	VN087652.D	25 Aug 2025 13:16	JC\MD	Dilution
8	Q2936-05	VN087653.D	25 Aug 2025 13:37	JC\MD	Ok
9	Q2936-04	VN087654.D	25 Aug 2025 13:58	JC\MD	Ok
10	Q2920-02	VN087655.D	25 Aug 2025 14:19	JC\MD	Ok
11	Q2936-03	VN087656.D	25 Aug 2025 14:40	JC\MD	Ok
12	Q2936-01	VN087657.D	25 Aug 2025 15:01	JC\MD	Ok
13	Q2920-01	VN087658.D	25 Aug 2025 15:22	JC\MD	Ok
14	Q2921-01	VN087659.D	25 Aug 2025 15:43	JC\MD	Ok
15	PB169356TB	VN087660.D	25 Aug 2025 16:04	JC\MD	Ok
16	Q2936-02DL2	VN087661.D	25 Aug 2025 16:25	JC\MD	Ok
17	Q2941-02	VN087662.D	25 Aug 2025 16:46	JC\MD	Ok
18	VN0825WBSD02	VN087663.D	25 Aug 2025 17:08	JC\MD	Not Ok
19	Q2909-02	VN087664.D	25 Aug 2025 17:29	JC\MD	Not Ok
20	Q2940-01	VN087665.D	25 Aug 2025 17:49	JC\MD	Ok
21	VSTDCCC050	VN087666.D	25 Aug 2025 18:10	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 # VN082125

Review By	John Carlone	Review On	8/22/2025 9:17:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 8:11:38 AM		
SubDirectory	VN082125	HP Acquire Method		HP Processing Method	82N082125

STD. NAME	STD REF.#
Tune/Reschk	VP135214
Initial Calibration Stds	VP135215,VP135216,VP135217,VP135218,VP135219,VP135220
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135221
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087614.D	21 Aug 2025 09:30		JC\MD	Ok
2	VSTDCCC020	VSTDCCC020	VN087615.D	21 Aug 2025 10:04	Need ICAL	JC\MD	Not Ok
3	VN0821WBS01	VN0821WBS01	VN087616.D	21 Aug 2025 10:37		JC\MD	Not Ok
4	VN0821WBSD01	VN0821WBSD01	VN087617.D	21 Aug 2025 11:11		JC\MD	Not Ok
5	VN0821WBL01	VN0821WBL01	VN087618.D	21 Aug 2025 11:36		JC\MD	Not Ok
6	VSTDICC001	VSTDICC001	VN087619.D	21 Aug 2025 12:09	LR-10,20	JC\MD	Ok,M
7	VSTDICC005	VSTDICC005	VN087620.D	21 Aug 2025 13:08		JC\MD	Ok,M
8	VSTDICC020	VSTDICC020	VN087621.D	21 Aug 2025 13:41	method not used for #N-amyle Acetate	JC\MD	Ok,M
9	VSTDICCC050	VSTDICCC050	VN087622.D	21 Aug 2025 14:02		JC\MD	Ok,M
10	VSTDICC100	VSTDICC100	VN087623.D	21 Aug 2025 14:23		JC\MD	Ok,M
11	VSTDICC150	VSTDICC150	VN087624.D	21 Aug 2025 14:44		JC\MD	Ok,M
12	IBLK	IBLK	VN087625.D	21 Aug 2025 15:05		JC\MD	Ok
13	VSTDICV050	ICVVN082125	VN087626.D	21 Aug 2025 15:47	Icv Failed for Com.# 64 for DOD	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 # VN082525

Review By	John Carlone	Review On	8/26/2025 9:08:17 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/26/2025 3:15:38 PM		
SubDirectory	VN082525	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135285
Initial Calibration Stds	
CCC	VP135286,VP135287
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	VN087646.D	25 Aug 2025 08:15		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087647.D	25 Aug 2025 09:37	pH#Lot#V12668	JC\MD	Ok,M
3	VN0825MBL01	VN0825MBL01	VN087648.D	25 Aug 2025 10:12		JC\MD	Ok
4	VN0825WBL01	VN0825WBL01	VN087649.D	25 Aug 2025 10:33		JC\MD	Ok
5	VN0825WBS01	VN0825WBS01	VN087650.D	25 Aug 2025 12:21		JC\MD	Ok,M
6	VN0825WBSD01	VN0825WBSD01	VN087651.D	25 Aug 2025 12:56		JC\MD	Ok,M
7	Q2936-02DL	MW-19B-082125DL	VN087652.D	25 Aug 2025 13:16	vial B pH<2 Need 500X	JC\MD	Dilution
8	Q2936-05	TB	VN087653.D	25 Aug 2025 13:37	vial B pH<2 TB	JC\MD	Ok
9	Q2936-04	FB-02-082125	VN087654.D	25 Aug 2025 13:58	vial B pH<2 FB	JC\MD	Ok
10	Q2920-02	FB	VN087655.D	25 Aug 2025 14:19	vial B pH<2 FB	JC\MD	Ok
11	Q2936-03	MW-19C-082125	VN087656.D	25 Aug 2025 14:40	vial B pH<2	JC\MD	Ok
12	Q2936-01	MW-19A-082125	VN087657.D	25 Aug 2025 15:01	vial B pH<2	JC\MD	Ok
13	Q2920-01	MW1	VN087658.D	25 Aug 2025 15:22	vial B pH<2	JC\MD	Ok
14	Q2921-01	MW1	VN087659.D	25 Aug 2025 15:43	vial B pH<2	JC\MD	Ok
15	PB169356TB	PB169356TB	VN087660.D	25 Aug 2025 16:04		JC\MD	Ok
16	Q2936-02DL2	MW-19B-082125DL2	VN087661.D	25 Aug 2025 16:25	vial C pH<2	JC\MD	Ok
17	Q2941-02	SOIL-COMP(1-2)	VN087662.D	25 Aug 2025 16:46	vial A pH#5.0	JC\MD	Ok
18	VN0825WBSD02	VN0825WBSD02	VN087663.D	25 Aug 2025 17:08	Not Required	JC\MD	Not 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 # VN082525

Review By	John Carlone	Review On	8/26/2025 9:08:17 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/26/2025 3:15:38 PM		
SubDirectory	VN082525	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135285
Initial Calibration Stds	
CCC	VP135286,VP135287
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2909-02	4065	VN087664.D	25 Aug 2025 17:29	Need Straight Run	JC\MD	Not Ok
20	Q2940-01	COMP(1-6)	VN087665.D	25 Aug 2025 17:49	vial B pH<2	JC\MD	Ok
21	VSTDCCC050	VSTDCCC050EC	VN087666.D	25 Aug 2025 18:10		JC\MD	Ok,M

M : Manual Integration

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

LAB CHRONICLE

OrderID:	Q2921	**OrderDate:**	8/20/2025 3:10:18 PM
Client:	G Environmental	**Project:**	120 Petro NJ
Contact:	Gary Landis	**Location:**	D11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2921-01	**MW1**	**Water**			**08/20/25**			**08/20/25**
			VOCMS Group1	8260-Low			08/25/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q2921

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW1									
Q2921-01	MW1	WATER	2-Bromotetradecane	*	8.700	J	0	0	ug/L
Q2921-01	MW1	WATER	3-Ethyl-2,6,10-trimethylundecane	*	8.800	J	0	0	ug/L
Q2921-01	MW1	WATER	3-Methyl-4-(methoxycarbonyl)he:	*	25.100	J	0	0	ug/L
Q2921-01	MW1	WATER	Benzophenone	*	8.800	J	0	0	ug/L
Q2921-01	MW1	WATER	Butane, 2-methoxy-2-methyl-	*	91.500	J	0	0	ug/L
Q2921-01	MW1	WATER	Carbonic acid, eicosyl vinyl ester	*	25.600	J	0	0	ug/L
Q2921-01	MW1	WATER	Docosane	*	13.200	J	0	0	ug/L
Q2921-01	MW1	WATER	Eicosane	*	23.300	J	0	0	ug/L
Q2921-01	MW1	WATER	Heneicosane	*	12.300	J	0	0	ug/L
Q2921-01	MW1	WATER	Heptadecane	*	37.800	J	0	0	ug/L
Q2921-01	MW1	WATER	Heptadecane, 2,6,10,15-tetrameth	*	19.500	J	0	0	ug/L
Q2921-01	MW1	WATER	Hexadecane	*	24.100	J	0	0	ug/L
Q2921-01	MW1	WATER	Hexadecane, 2,6,10,14-tetramethy	*	9.000	J	0	0	ug/L
Q2921-01	MW1	WATER	n-Hexadecanoic acid	*	11.500	J	0	0	ug/L
Q2921-01	MW1	WATER	Nonadecane	*	28.500	J	0	0	ug/L
Q2921-01	MW1	WATER	Octadecane	*	30.600	J	0	0	ug/L
Q2921-01	MW1	WATER	Octane, 2,6-dimethyl-	*	42.000	J	0	0	ug/L
Q2921-01	MW1	WATER	Tetradecane	*	17.700	J	0	0	ug/L
Q2921-01	MW1	WATER	Tridecane	*	14.200	J	0	0	ug/L
Q2921-01	MW1	WATER	Tridecane, 2-methyl-	*	35.000	J	0	0	ug/L
			Total Tics :		**487.20**				
			Total Concentration:		**487.20**				

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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW1	SDG No.:	Q2921
Lab Sample ID:	Q2921-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025606.D	1	08/22/25 10:34	08/27/25 17:03	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.5	ug/L
108-95-2	Phenol	0.96	U	0.96	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.85	U	0.85	5.30	ug/L
95-57-8	2-Chlorophenol	0.61	U	0.61	5.30	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.30	ug/L
98-86-2	Acetophenone	0.78	U	0.78	5.30	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	0.68	U	0.68	5.30	ug/L
98-95-3	Nitrobenzene	0.80	U	0.80	5.30	ug/L
78-59-1	Isophorone	0.79	U	0.79	5.30	ug/L
88-75-5	2-Nitrophenol	1.90	U	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	0.55	U	0.55	5.30	ug/L
91-20-3	Naphthalene	0.53	U	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	0.88	U	0.88	5.30	ug/L
87-68-3	Hexachlorobutadiene	0.57	U	0.57	5.30	ug/L
105-60-2	Caprolactam	1.20	U	1.20	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	0.62	U	0.62	5.30	ug/L
91-57-6	2-Methylnaphthalene	0.59	U	0.59	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	3.80	U	3.80	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	0.54	U	0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	0.65	U	0.65	5.30	ug/L
92-52-4	1,1-Biphenyl	0.56	U	0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	0.64	U	0.64	5.30	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.30	ug/L
131-11-3	Dimethylphthalate	0.64	U	0.64	5.30	ug/L

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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW1	SDG No.:	Q2921
Lab Sample ID:	Q2921-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025606.D	1	08/22/25 10:34	08/27/25 17:03	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.79	U	0.79	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	0.97	U	0.97	5.30	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.30	ug/L
83-32-9	Acenaphthene	0.58	U	0.58	5.30	ug/L
51-28-5	2,4-Dinitrophenol	6.30	U	6.30	10.5	ug/L
100-02-7	4-Nitrophenol	2.50	U	2.50	10.5	ug/L
132-64-9	Dibenzofuran	0.64	U	0.64	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	1.30	U	1.30	5.30	ug/L
84-66-2	Diethylphthalate	0.73	U	0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	0.72	5.30	ug/L
86-73-7	Fluorene	0.66	U	0.66	5.30	ug/L
100-01-6	4-Nitroaniline	1.60	U	1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	3.00	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	0.61	U	0.61	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	0.42	U	0.42	5.30	ug/L
118-74-1	Hexachlorobenzene	0.55	U	0.55	5.30	ug/L
1912-24-9	Atrazine	1.10	U	1.10	5.30	ug/L
87-86-5	Pentachlorophenol	1.70	U	1.70	10.5	ug/L
85-01-8	Phenanthrene	0.53	U	0.53	5.30	ug/L
120-12-7	Anthracene	0.64	U	0.64	5.30	ug/L
86-74-8	Carbazole	0.76	U	0.76	5.30	ug/L
84-74-2	Di-n-butylphthalate	1.30	U	1.30	5.30	ug/L
206-44-0	Fluoranthene	0.86	U	0.86	5.30	ug/L
129-00-0	Pyrene	0.53	U	0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	2.00	U	2.00	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	0.98	U	0.98	10.5	ug/L
218-01-9	Chrysene	0.46	U	0.46	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	2.50	U	2.50	10.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	U	0.62	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.71	U	0.71	5.30	ug/L

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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW1	SDG No.:	Q2921
Lab Sample ID:	Q2921-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025606.D	1	08/22/25 10:34	08/27/25 17:03	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	0.55	5.30	ug/L
123-91-1	1,4-Dioxane	1.10	U	1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.76	U	0.76	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	74.7		23 - 138	50%	SPK: 150
13127-88-3	Phenol-d6	47.9		10 - 134	32%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.6		67 - 132	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.0		52 - 132	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		44 - 137	84%	SPK: 150
1718-51-0	Terphenyl-d14	69.4		42 - 152	69%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	180000	7.778			
1146-65-2	Naphthalene-d8	702000	10.543			
15067-26-2	Acenaphthene-d10	422000	14.39			
1517-22-2	Phenanthrene-d10	799000	17.195			
1719-03-5	Chrysene-d12	913000	21.642			
1520-96-3	Perylene-d12	1060000	25.007			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	91.5	J		3.03	ug/L
000629-50-5	Tridecane	14.2	J		12.0	ug/L
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	9.00	J		12.9	ug/L
000629-59-4	Tetradecane	17.7	J		13.2	ug/L
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	8.80	J		13.9	ug/L
000544-76-3	Hexadecane	24.1	J		14.3	ug/L
000629-94-7	Heneicosane	12.3	J		14.9	ug/L
1000382-54-3	Carbonic acid, eicosyl vinyl ester	25.6	J		15.3	ug/L
1010104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2	25.1	J		15.7	ug/L
000119-61-9	Benzophenone	8.80	J		15.8	ug/L
000629-78-7	Heptadecane	37.8	J		16.1	ug/L
002051-30-1	Octane, 2,6-dimethyl-	42.0	J		16.2	ug/L

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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW1	SDG No.:	Q2921
Lab Sample ID:	Q2921-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025606.D	1	08/22/25 10:34	08/27/25 17:03	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000593-45-3	Octadecane	30.6	J		17.0	ug/L
001560-96-9	Tridecane, 2-methyl-	35.0	J		17.0	ug/L
074036-95-6	2-Bromotetradecane	8.70	J		17.6	ug/L
000629-92-5	Nonadecane	28.5	J		17.7	ug/L
000057-10-3	n-Hexadecanoic acid	11.5	J		18.1	ug/L
000112-95-8	Eicosane	23.3	J		18.4	ug/L
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	19.5	J		19.1	ug/L
000629-97-0	Docosane	13.2	J		19.7	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,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: Q2921

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169362BL	PB169362BL	2-Fluorophenol	150	125	83		23	138
		Phenol-d6	150	120	80		10	134
		Nitrobenzene-d5	100	75.8	76		67	132
		2-Fluorobiphenyl	100	73.3	73		52	132
		2,4,6-Tribromophenol	150	123	82		44	137
		Terphenyl-d14	100	70.1	70		42	152
PB169362BS	PB169362BS	2-Fluorophenol	150	116	77		23	138
		Phenol-d6	150	113	75		10	134
		Nitrobenzene-d5	100	72.1	72		67	132
		2-Fluorobiphenyl	100	70.9	71		52	132
		2,4,6-Tribromophenol	150	119	80		44	137
		Terphenyl-d14	100	75.5	75		42	152
Q2921-01	MW1	2-Fluorophenol	150	74.7	50		23	138
		Phenol-d6	150	47.9	32		10	134
		Nitrobenzene-d5	100	78.6	79		67	132
		2-Fluorobiphenyl	100	79.0	79		52	132
		2,4,6-Tribromophenol	150	126	84		44	137
		Terphenyl-d14	100	69.4	69		42	152
Q2924-03MS	MW-201-082025MS	2-Fluorophenol	150	67.6	45		23	138
		Phenol-d6	150	41.4	28		10	134
		Nitrobenzene-d5	100	148	148	*	67	132
		2-Fluorobiphenyl	100	79.6	80		52	132
		2,4,6-Tribromophenol	150	138	92		44	137
		Terphenyl-d14	100	76.9	77		42	152
Q2924-04MSD	MW-201-082025MSD	2-Fluorophenol	150	67.4	45		23	138
		Phenol-d6	150	41.4	28		10	134
		Nitrobenzene-d5	100	149	149	*	67	132
		2-Fluorobiphenyl	100	78.1	78		52	132
		2,4,6-Tribromophenol	150	135	90		44	137
		Terphenyl-d14	100	76.2	76		42	152

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2921 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BP025602.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2924-03MS		**Client Sample ID: MW-201-082025MS**									
Benzaldehyde	51.5	0	38.4	ug/L	75				10	137	
Phenol	51.5	0	16.0	ug/L	31				10	130	
bis(2-Chloroethyl)ether	51.5	0	44.3	ug/L	86				29	141	
2-Chlorophenol	51.5	0	39.6	ug/L	77				23	127	
2-Methylphenol	51.5	0	33.8	ug/L	66				60	131	
2,2-oxybis(1-Chloropropane)	51.5	0	17.1	ug/L	33	*			36	141	
Acetophenone	51.5	0	87.5	ug/L	170	*			31	164	
3+4-Methylphenols	51.5	10.0	40.9	ug/L	60				54	136	
N-Nitroso-di-n-propylamine	51.5	0	42.2	ug/L	82				36	147	
Hexachloroethane	51.5	0	93.2	ug/L	181	*			19	146	
Nitrobenzene	51.5	0	85.8	ug/L	167	*			62	112	
Isophorone	51.5	0	81.7	ug/L	159	*			39	146	
2-Nitrophenol	51.5	0	86.6	ug/L	168	*			30	148	
2,4-Dimethylphenol	51.5	0	75.6	ug/L	147	*			17	143	
bis(2-Chloroethoxy)methane	51.5	0	70.3	ug/L	137				39	143	
2,4-Dichlorophenol	51.5	0	80.6	ug/L	157	*			22	146	
Naphthalene	51.5	3100	2700	ug/L	-777	*			17	157	
4-Chloroaniline	51.5	0	28.5	ug/L	55				10	95	
Hexachlorobutadiene	51.5	0	71.5	ug/L	139	*			52	125	
Caprolactam	51.5	0	16.7	ug/L	32				10	130	
4-Chloro-3-methylphenol	51.5	0	76.5	ug/L	149	*			17	148	
2-Methylnaphthalene	51.5	920	800	ug/L	-233	*			38	146	
Hexachlorocyclopentadiene	100	0	79.7	ug/L	80				20	153	
2,4,6-Trichlorophenol	51.5	0	50.2	ug/L	97				78	112	
2,4,5-Trichlorophenol	51.5	0	49.4	ug/L	96				71	111	
1,1-Biphenyl	51.5	26.0	69.6	ug/L	85				38	154	
2-Chloronaphthalene	51.5	0	48.9	ug/L	95				41	145	
2-Nitroaniline	51.5	0	54.1	ug/L	105				39	151	
Dimethylphthalate	51.5	0	48.7	ug/L	95				42	147	
Acenaphthylene	51.5	160	190	ug/L	58				40	141	
2,6-Dinitrotoluene	51.5	0	51.4	ug/L	100				43	148	
3-Nitroaniline	51.5	0	31.7	ug/L	62				10	111	
Acenaphthene	51.5	8.70	54.7	ug/L	89				37	146	
2,4-Dinitrophenol	100	0	120	ug/L	120				14	167	
4-Nitrophenol	100	0	42.0	ug/L	42				10	130	
Dibenzofuran	51.5	4.00	51.3	ug/L	92				41	145	
2,4-Dinitrotoluene	51.5	0	53.3	ug/L	103				74	137	
Diethylphthalate	51.5	2.10	50.3	ug/L	94				41	148	
4-Chlorophenyl-phenylether	51.5	0	48.5	ug/L	94				38	149	
Fluorene	51.5	27.4	67.1	ug/L	77				39	144	
4-Nitroaniline	51.5	0	48.5	ug/L	94				27	138	
4,6-Dinitro-2-methylphenol	51.5	0	55.1	ug/L	107				32	175	
N-Nitrosodiphenylamine	51.5	0	51.1	ug/L	99				40	150	
4-Bromophenyl-phenylether	51.5	0	51.5	ug/L	100				42	151	
Hexachlorobenzene	51.5	0	52.5	ug/L	102				72	115	
Atrazine	51.5	0	47.8	ug/L	93				20	162	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2921 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BP025602.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	100	0	110	ug/L	110				52	162	
Phenanthrene	51.5	29.6	65.4	ug/L	70				40	147	
Anthracene	51.5	6.10	53.4	ug/L	92				41	146	
Carbazole	51.5	13.8	61.7	ug/L	93				37	154	
Di-n-butylphthalate	51.5	2.70	51.3	ug/L	94				40	151	
Fluoranthene	51.5	2.30	51.0	ug/L	95				42	146	
Pyrene	51.5	3.00	50.5	ug/L	92				41	149	
Butylbenzylphthalate	51.5	0	51.2	ug/L	99				39	155	
3,3-Dichlorobenzidine	51.5	0	41.5	ug/L	81				10	114	
Chrysene	51.5	0	50.0	ug/L	97				44	144	
bis(2-Ethylhexyl)phthalate	51.5	0	48.4	ug/L	94				33	160	
Di-n-octyl phthalate	51.5	0	51.0	ug/L	99				36	158	
Indeno(1,2,3-cd)pyrene	51.5	0	50.1	ug/L	97				30	166	
Dibenz(a,h)anthracene	51.5	0	51.0	ug/L	99				23	172	
1,2,4,5-Tetrachlorobenzene	51.5	0	50.1	ug/L	97				89	102	
1,4-Dioxane	51.5	0	21.2	ug/L	41				38	130	
2,3,4,6-Tetrachlorophenol	51.5	0	51.1	ug/L	99				91	111	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2921 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BP025603.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2924-04MSD		**Client Sample ID: MW-201-082025MSD**									
Benzaldehyde	52.6	0	37.7	ug/L	72		4		10	137	20
Phenol	52.6	0	16.4	ug/L	31		0		10	130	20
bis(2-Chloroethyl)ether	52.6	0	44.2	ug/L	84		2		29	141	20
2-Chlorophenol	52.6	0	39.6	ug/L	75		3		23	127	20
2-Methylphenol	52.6	0	34.5	ug/L	66		0		60	131	20
2,2-oxybis(1-Chloropropane)	52.6	0	18.4	ug/L	35	*	6		36	141	20
Acetophenone	52.6	0	90.6	ug/L	172	*	1		31	164	20
3+4-Methylphenols	52.6	10.0	41.7	ug/L	60		0		54	136	20
N-Nitroso-di-n-propylamine	52.6	0	43.2	ug/L	82		0		36	147	20
Hexachloroethane	52.6	0	96.9	ug/L	184	*	2		19	146	20
Nitrobenzene	52.6	0	89.1	ug/L	169	*	1		62	112	20
Isophorone	52.6	0	85.0	ug/L	162	*	2		39	146	20
2-Nitrophenol	52.6	0	90.4	ug/L	172	*	2		30	148	20
2,4-Dimethylphenol	52.6	0	78.4	ug/L	149	*	1		17	143	20
bis(2-Chloroethoxy)methane	52.6	0	75.2	ug/L	143		4		39	143	20
2,4-Dichlorophenol	52.6	0	85.1	ug/L	162	*	3		22	146	20
Naphthalene	52.6	3100	3000	ug/L	-190	*	121	*	17	157	20
4-Chloroaniline	52.6	0	31.3	ug/L	60		9		10	95	20
Hexachlorobutadiene	52.6	0	74.8	ug/L	142	*	2		52	125	20
Caprolactam	52.6	0	17.0	ug/L	32		0		10	130	20
4-Chloro-3-methylphenol	52.6	0	79.4	ug/L	151	*	1		17	148	20
2-Methylnaphthalene	52.6	920	850	ug/L	-133	*	55	*	38	146	20
Hexachlorocyclopentadiene	110	0	76.9	ug/L	70		13		20	153	20
2,4,6-Trichlorophenol	52.6	0	50.2	ug/L	95		2		78	112	20
2,4,5-Trichlorophenol	52.6	0	49.9	ug/L	95		1		71	111	20
1,1-Biphenyl	52.6	26.0	70.0	ug/L	84		1		38	154	20
2-Chloronaphthalene	52.6	0	48.9	ug/L	93		2		41	145	20
2-Nitroaniline	52.6	0	53.9	ug/L	102		3		39	151	20
Dimethylphthalate	52.6	0	47.8	ug/L	91		4		42	147	20
Acenaphthylene	52.6	160	190	ug/L	57		2		40	141	20
2,6-Dinitrotoluene	52.6	0	51.3	ug/L	98		2		43	148	20
3-Nitroaniline	52.6	0	32.4	ug/L	62		0		10	111	20
Acenaphthene	52.6	8.70	53.5	ug/L	85		5		37	146	20
2,4-Dinitrophenol	110	0	120	ug/L	109		10		14	167	20
4-Nitrophenol	110	0	42.7	ug/L	39		7		10	130	20
Dibenzofuran	52.6	4.00	51.2	ug/L	90		2		41	145	20
2,4-Dinitrotoluene	52.6	0	52.5	ug/L	100		3		74	137	20
Diethylphthalate	52.6	2.10	48.9	ug/L	89		5		41	148	20
4-Chlorophenyl-phenylether	52.6	0	48.5	ug/L	92		2		38	149	20
Fluorene	52.6	27.4	68.0	ug/L	77		0		39	144	20
4-Nitroaniline	52.6	0	49.4	ug/L	94		0		27	138	20
4,6-Dinitro-2-methylphenol	52.6	0	55.7	ug/L	106		1		32	175	20
N-Nitrosodiphenylamine	52.6	0	50.5	ug/L	96		3		40	150	20
4-Bromophenyl-phenylether	52.6	0	52.0	ug/L	99		1		42	151	20
Hexachlorobenzene	52.6	0	52.3	ug/L	99		3		72	115	20
Atrazine	52.6	0	48.5	ug/L	92		1		20	162	20

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2921 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BP025603.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	110	0	110	ug/L	100		10		52	162	20
Phenanthrene	52.6	29.6	67.2	ug/L	71		1		40	147	20
Anthracene	52.6	6.10	53.2	ug/L	90		2		41	146	20
Carbazole	52.6	13.8	63.5	ug/L	94		1		37	154	20
Di-n-butylphthalate	52.6	2.70	52.6	ug/L	95		1		40	151	20
Fluoranthene	52.6	2.30	51.6	ug/L	94		1		42	146	20
Pyrene	52.6	3.00	50.1	ug/L	90		2		41	149	20
Butylbenzylphthalate	52.6	0	52.0	ug/L	99		0		39	155	20
3,3-Dichlorobenzidine	52.6	0	43.4	ug/L	83		2		10	114	20
Chrysene	52.6	0	51.2	ug/L	97		0		44	144	20
bis(2-Ethylhexyl)phthalate	52.6	0	49.7	ug/L	94		0		33	160	20
Di-n-octyl phthalate	52.6	0	52.0	ug/L	99		0		36	158	20
Indeno(1,2,3-cd)pyrene	52.6	0	50.9	ug/L	97		0		30	166	20
Dibenz(a,h)anthracene	52.6	0	51.6	ug/L	98		1		23	172	20
1,2,4,5-Tetrachlorobenzene	52.6	0	49.8	ug/L	95		2		89	102	20
1,4-Dioxane	52.6	0	21.8	ug/L	41		0		38	130	20
2,3,4,6-Tetrachlorophenol	52.6	0	50.6	ug/L	96		3		91	111	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2921 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025581.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169362BS	Benzaldehyde	50	22.9	ug/L	46				10	162	
	Phenol	50	41.7	ug/L	83				66	118	
	bis(2-Chloroethyl)ether	50	40.1	ug/L	80				62	103	
	2-Chlorophenol	50	41.6	ug/L	83				70	117	
	2-Methylphenol	50	41.0	ug/L	82				69	109	
	2,2-oxybis(1-Chloropropane)	50	39.7	ug/L	79				65	100	
	Acetophenone	50	39.8	ug/L	80				60	104	
	3+4-Methylphenols	50	39.8	ug/L	80				67	106	
	N-Nitroso-di-n-propylamine	50	36.5	ug/L	73				57	107	
	Hexachloroethane	50	40.3	ug/L	81				76	118	
	Nitrobenzene	50	41.1	ug/L	82				58	106	
	Isophorone	50	39.2	ug/L	78				61	102	
	2-Nitrophenol	50	42.7	ug/L	85				70	115	
	2,4-Dimethylphenol	50	42.3	ug/L	85				42	142	
	bis(2-Chloroethoxy)methane	50	40.1	ug/L	80				58	109	
	2,4-Dichlorophenol	50	43.3	ug/L	87				66	115	
	Naphthalene	50	39.7	ug/L	79				64	107	
	4-Chloroaniline	50	23.9	ug/L	48				10	85	
	Hexachlorobutadiene	50	40.8	ug/L	82				69	101	
	Caprolactam	50	39.6	ug/L	79				58	128	
	4-Chloro-3-methylphenol	50	42.3	ug/L	85				65	114	
	2-Methylnaphthalene	50	39.4	ug/L	79				64	107	
	Hexachlorocyclopentadiene	100	81.0	ug/L	81				36	160	
	2,4,6-Trichlorophenol	50	44.1	ug/L	88				61	110	
	2,4,5-Trichlorophenol	50	44.6	ug/L	89				70	106	
	1,1-Biphenyl	50	41.8	ug/L	84				72	98	
	2-Chloronaphthalene	50	40.9	ug/L	82				59	106	
	2-Nitroaniline	50	44.0	ug/L	88				73	114	
	Dimethylphthalate	50	41.0	ug/L	82				64	103	
	Acenaphthylene	50	40.9	ug/L	82				79	103	
	2,6-Dinitrotoluene	50	43.4	ug/L	87				64	110	
	3-Nitroaniline	50	31.2	ug/L	62				28	100	
	Acenaphthene	50	39.5	ug/L	79				59	113	
	2,4-Dinitrophenol	100	100	ug/L	100				36	166	
	4-Nitrophenol	100	82.1	ug/L	82				45	147	
	Dibenzofuran	50	40.2	ug/L	80				65	106	
	2,4-Dinitrotoluene	50	43.7	ug/L	87				60	115	
	Diethylphthalate	50	41.5	ug/L	83				63	105	
	4-Chlorophenyl-phenylether	50	40.1	ug/L	80				61	104	
	Fluorene	50	40.2	ug/L	80				64	107	
	4-Nitroaniline	50	41.1	ug/L	82				55	125	
	4,6-Dinitro-2-methylphenol	50	46.7	ug/L	93				62	132	
	N-Nitrosodiphenylamine	50	42.8	ug/L	86				61	109	
	4-Bromophenyl-phenylether	50	42.2	ug/L	84				73	103	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2921 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025581.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169362BS	Hexachlorobenzene	50	42.0	ug/L	84				73	106	
	Atrazine	50	41.7	ug/L	83				76	120	
	Pentachlorophenol	100	86.9	ug/L	87				47	114	
	Phenanthrene	50	40.9	ug/L	82				62	109	
	Anthracene	50	41.4	ug/L	83				65	110	
	Carbazole	50	40.8	ug/L	82				62	106	
	Di-n-butylphthalate	50	41.6	ug/L	83				64	106	
	Fluoranthene	50	40.0	ug/L	80				64	110	
	Pyrene	50	43.4	ug/L	87				71	103	
	Butylbenzylphthalate	50	44.3	ug/L	89				61	105	
	3,3-Dichlorobenzidine	50	31.9	ug/L	64				43	108	
	Chrysene	50	41.7	ug/L	83				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.7	ug/L	85				59	110	
	Di-n-octyl phthalate	50	43.7	ug/L	87				52	139	
	Indeno(1,2,3-cd)pyrene	50	41.4	ug/L	83				72	105	
	Dibenz(a,h)anthracene	50	41.8	ug/L	84				78	115	
	1,2,4,5-Tetrachlorobenzene	50	42.0	ug/L	84				72	101	
	1,4-Dioxane	50	34.9	ug/L	70				38	125	
	2,3,4,6-Tetrachlorophenol	50	43.0	ug/L	86				63	116	

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169362BL

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2921

Lab File ID: BP025562.D | Lab Sample ID: PB169362BL

Instrument ID: BNA_P | Date Extracted: 08/22/2025

Matrix: (soil/water) Water | Date Analyzed: 08/25/2025

Level: (low/med) LOW | Time Analyzed: 12:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169362BS	PB169362BS	BP025581.D	08/26/2025
MW-201-082025MS	Q2924-03MS	BP025602.D	08/27/2025
MW-201-082025MSD	Q2924-04MSD	BP025603.D	08/27/2025
MW1	Q2921-01	BP025606.D	08/27/2025

COMMENTS:

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2921

Lab File ID: BP025390.D DFTPP Injection Date: 08/14/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	81.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025392.D	08/14/2025	12:33
SSTDICC005	SSTDICC005	BP025393.D	08/14/2025	13:15
SSTDICC010	SSTDICC010	BP025394.D	08/14/2025	13:56
SSTDICC020	SSTDICC020	BP025395.D	08/14/2025	14:38
SSTDICCC040	SSTDICCC040	BP025396.D	08/14/2025	15:19
SSTDICC050	SSTDICC050	BP025397.D	08/14/2025	16:01
SSTDICC060	SSTDICC060	BP025398.D	08/14/2025	16:42
SSTDICC080	SSTDICC080	BP025399.D	08/14/2025	17:24

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2921

Lab File ID: BP025560.D DFTPP Injection Date: 08/25/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.3) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	80.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 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	BP025561.D	08/25/2025	12:13
PB169362BL	PB169362BL	BP025562.D	08/25/2025	12:54

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2921

Lab File ID: BP025578.D DFTPP Injection Date: 08/26/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	78.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 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	BP025579.D	08/26/2025	10:21
PB169362BS	PB169362BS	BP025581.D	08/26/2025	11:44

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2921

Lab File ID: BP025595.D DFTPP Injection Date: 08/27/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	79.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 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	BP025596.D	08/27/2025	09:39
MW-201-082025MS	Q2924-03MS	BP025602.D	08/27/2025	14:18
MW-201-082025MSD	Q2924-04MSD	BP025603.D	08/27/2025	15:00
MW1	Q2921-01	BP025606.D	08/27/2025	17:03

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2921

Client ID : SSTDCCC040 Date Analyzed: 08/25/2025

Lab File ID: BP025561.D Time Analyzed: 12:13

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	176050	7.766	715069	10.54	441846	14.39
	UPPER LIMIT	352100	8.266	1430140	11.037	883692	14.89
	LOWER LIMIT	88025	7.266	357535	10.037	220923	13.89
	EPA SAMPLE NO.						
01	PB169362BL	173347	7.78	665603	10.54	424932	14.39

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2921

Client ID: SSTDCCC040 Date Analyzed: 08/25/2025

Lab File ID: BP025561.D Time Analyzed: 12:13

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	900532	17.189	945335	21.63	1072630	25.001
	UPPER LIMIT	1801060	17.689	1890670	22.13	2145260	25.501
	LOWER LIMIT	450266	16.689	472668	21.13	536315	24.501
	EPA SAMPLE NO.						
01	PB169362BL	890876	17.19	1139400	21.63	1287990	25.00

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.

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2921

Client ID : SSTDCCC040 Date Analyzed: 08/26/2025

Lab File ID: BP025579.D Time Analyzed: 10:21

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	235051	7.778	932609	10.55	572065	14.39
	UPPER LIMIT	470102	8.278	1865220	11.049	1144130	14.89
	LOWER LIMIT	117526	7.278	466305	10.049	286033	13.89
	EPA SAMPLE NO.						
01	PB169362BS	256194	7.78	1004580	10.55	636349	14.41

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2921

Client ID: SSTDCCC040 Date Analyzed: 08/26/2025

Lab File ID: BP025579.D Time Analyzed: 10:21

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	1130980	17.195	1110360	21.636	1292920	24.995
	UPPER LIMIT	2261960	17.695	2220720	22.136	2585840	25.495
	LOWER LIMIT	565490	16.695	555180	21.136	646460	24.495
	EPA SAMPLE NO.						
01	PB169362BS	1239650	17.20	1177570	21.63	1318340	24.99

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.

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2921

Client ID : SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BP025596.D Time Analyzed: 09:39

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	161611	7.778	681785	10.54	463868	14.40
	UPPER LIMIT	323222	8.278	1363570	11.043	927736	14.896
	LOWER LIMIT	80805.5	7.278	340893	10.043	231934	13.896
	EPA SAMPLE NO.						
01	MW1	180094	7.78	701721	10.54	421669	14.39
02	MW-201-082025MS	177033	7.78	389081	10.57	432672	14.39
03	MW-201-082025MSD	165573	7.78	358938	10.57	417829	14.40

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2921

Client ID: SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BP025596.D Time Analyzed: 09:39

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	978179	17.207	1036720	21.642	1177640	25.001
	UPPER LIMIT	1956360	17.707	2073440	22.142	2355280	25.501
	LOWER LIMIT	489090	16.707	518360	21.142	588820	24.501
	EPA SAMPLE NO.						
01	MW1	799345	17.20	913374	21.64	1064570	25.01
02	MW-201-082025MS	850262	17.19	903685	21.64	1056320	25.00
03	MW-201-082025MSD	814298	17.20	887974	21.64	1057490	25.01

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,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	120 Petro NJ	Date Received:	
Client Sample ID:	PB169362BL	SDG No.:	Q2921
Lab Sample ID:	PB169362BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	0.58	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	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
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	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
88-75-5	2-Nitrophenol	1.80	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.52	U	0.52	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
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	5.00	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
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	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

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	120 Petro NJ	Date Received:	
Client Sample ID:	PB169362BL	SDG No.:	Q2921
Lab Sample ID:	PB169362BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.0	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
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.0	ug/L
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
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	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
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
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

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	120 Petro NJ	Date Received:	
Client Sample ID:	PB169362BL	SDG No.:	Q2921
Lab Sample ID:	PB169362BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	125		23 - 138	83%	SPK: 150
13127-88-3	Phenol-d6	120		10 - 134	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.8		67 - 132	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		52 - 132	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		44 - 137	82%	SPK: 150
1718-51-0	Terphenyl-d14	70.1		42 - 152	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	173000	7.778			
1146-65-2	Naphthalene-d8	666000	10.543			
15067-26-2	Acenaphthene-d10	425000	14.389			
1517-22-2	Phenanthrene-d10	891000	17.189			
1719-03-5	Chrysene-d12	1140000	21.63			
1520-96-3	Perylene-d12	1290000	25.001			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.70	A		4.94	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

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	120 Petro NJ	Date Received:	
Client Sample ID:	PB169362BS	SDG No.:	Q2921
Lab Sample ID:	PB169362BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	22.9		3.90	10.0	ug/L
108-95-2	Phenol	41.7		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	40.1		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	41.6		0.58	5.00	ug/L
95-48-7	2-Methylphenol	41.0		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.7		1.30	5.00	ug/L
98-86-2	Acetophenone	39.8		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	39.8		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36.5		1.40	2.50	ug/L
67-72-1	Hexachloroethane	40.3		0.65	5.00	ug/L
98-95-3	Nitrobenzene	41.1		0.76	5.00	ug/L
78-59-1	Isophorone	39.2		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	42.7		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	42.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.1		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.3		0.52	5.00	ug/L
91-20-3	Naphthalene	39.7		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	23.9		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	40.8		0.54	5.00	ug/L
105-60-2	Caprolactam	39.6		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	42.3		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	39.4		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	81.0	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	44.1		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.6		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	41.8		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	40.9		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	44.0		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	41.0		0.61	5.00	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	120 Petro NJ	Date Received:	
Client Sample ID:	PB169362BS	SDG No.:	Q2921
Lab Sample ID:	PB169362BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	40.9		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.4		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	31.2		1.10	5.00	ug/L
83-32-9	Acenaphthene	39.5		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	82.1	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	40.2		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	43.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	41.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	40.1		0.68	5.00	ug/L
86-73-7	Fluorene	40.2		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	41.1		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.7		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	42.8		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	42.2		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	42.0		0.52	5.00	ug/L
1912-24-9	Atrazine	41.7		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	86.9	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	40.9		0.50	5.00	ug/L
120-12-7	Anthracene	41.4		0.61	5.00	ug/L
86-74-8	Carbazole	40.8		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	41.6		1.20	5.00	ug/L
206-44-0	Fluoranthene	40.0		0.82	5.00	ug/L
129-00-0	Pyrene	43.4		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	44.3		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	31.9		0.93	10.0	ug/L
218-01-9	Chrysene	41.7		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.7		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	43.7		2.30	10.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41.4		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	41.8		0.67	5.00	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	120 Petro NJ	Date Received:	
Client Sample ID:	PB169362BS	SDG No.:	Q2921
Lab Sample ID:	PB169362BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
95-94-3	1,2,4,5-Tetrachlorobenzene	42.0		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	34.9		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	43.0		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	116		23 - 138	77%	SPK: 150
13127-88-3	Phenol-d6	113		10 - 134	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.1		67 - 132	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.9		52 - 132	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		44 - 137	80%	SPK: 150
1718-51-0	Terphenyl-d14	75.5		42 - 152	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	256000	7.778			
1146-65-2	Naphthalene-d8	1000000	10.549			
15067-26-2	Acenaphthene-d10	636000	14.407			
1517-22-2	Phenanthrene-d10	1240000	17.195			
1719-03-5	Chrysene-d12	1180000	21.63			
1520-96-3	Perylene-d12	1320000	24.989			

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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2921
Lab Sample ID:	Q2924-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.4		4.00	10.3	ug/L
108-95-2	Phenol	16.0		0.94	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.3		0.84	5.20	ug/L
95-57-8	2-Chlorophenol	39.6		0.60	5.20	ug/L
95-48-7	2-Methylphenol	33.8		1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	17.1		1.30	5.20	ug/L
98-86-2	Acetophenone	87.5	E	0.76	5.20	ug/L
65794-96-9	3+4-Methylphenols	40.9		1.10	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.2		1.50	2.60	ug/L
67-72-1	Hexachloroethane	93.2	E	0.67	5.20	ug/L
98-95-3	Nitrobenzene	85.8	E	0.78	5.20	ug/L
78-59-1	Isophorone	81.7		0.77	5.20	ug/L
88-75-5	2-Nitrophenol	86.6	E	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	75.6		1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	70.3		0.70	5.20	ug/L
120-83-2	2,4-Dichlorophenol	80.6		0.54	5.20	ug/L
91-20-3	Naphthalene	2700	E	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	28.5		0.87	5.20	ug/L
87-68-3	Hexachlorobutadiene	71.5		0.56	5.20	ug/L
105-60-2	Caprolactam	16.7		1.20	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	76.5		0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	800	E	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	79.7		3.70	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	50.2		0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	49.4		0.64	5.20	ug/L
92-52-4	1,1-Biphenyl	69.6		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	48.9		0.63	5.20	ug/L
88-74-4	2-Nitroaniline	54.1		1.30	5.20	ug/L
131-11-3	Dimethylphthalate	48.7		0.63	5.20	ug/L

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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2921
Lab Sample ID:	Q2924-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	190	E	0.77	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	51.4		0.95	5.20	ug/L
99-09-2	3-Nitroaniline	31.7		1.10	5.20	ug/L
83-32-9	Acenaphthene	54.7		0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.20	10.3	ug/L
100-02-7	4-Nitrophenol	42.0		2.50	10.3	ug/L
132-64-9	Dibenzofuran	51.3		0.63	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	53.3		1.30	5.20	ug/L
84-66-2	Diethylphthalate	50.3		0.71	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.5		0.70	5.20	ug/L
86-73-7	Fluorene	67.1		0.65	5.20	ug/L
100-01-6	4-Nitroaniline	48.5		1.50	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.1		3.00	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	51.1		0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	51.5		0.41	5.20	ug/L
118-74-1	Hexachlorobenzene	52.5		0.54	5.20	ug/L
1912-24-9	Atrazine	47.8		1.00	5.20	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.3	ug/L
85-01-8	Phenanthrene	65.4		0.52	5.20	ug/L
120-12-7	Anthracene	53.4		0.63	5.20	ug/L
86-74-8	Carbazole	61.7		0.74	5.20	ug/L
84-74-2	Di-n-butylphthalate	51.3		1.30	5.20	ug/L
206-44-0	Fluoranthene	51.0		0.85	5.20	ug/L
129-00-0	Pyrene	50.5		0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	51.2		2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	41.5		0.96	10.3	ug/L
218-01-9	Chrysene	50.0		0.45	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48.4		1.60	5.20	ug/L
117-84-0	Di-n-octyl phthalate	51.0		2.40	10.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.1		0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.0		0.69	5.20	ug/L

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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2921
Lab Sample ID:	Q2924-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
95-94-3	1,2,4,5-Tetrachlorobenzene	50.1		0.54	5.20	ug/L
123-91-1	1,4-Dioxane	21.2		1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.1		0.74	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.6		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	41.4		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	148	*	67 - 132	148%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.6		52 - 132	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		44 - 137	92%	SPK: 150
1718-51-0	Terphenyl-d14	76.9		42 - 152	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	177000	7.784			
1146-65-2	Naphthalene-d8	389000	10.566			
15067-26-2	Acenaphthene-d10	433000	14.389			
1517-22-2	Phenanthrene-d10	850000	17.189			
1719-03-5	Chrysene-d12	904000	21.636			
1520-96-3	Perylene-d12	1060000	25.001			

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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2921
Lab Sample ID:	Q2924-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	37.7		4.10	10.5	ug/L
108-95-2	Phenol	16.4		0.96	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.2		0.85	5.30	ug/L
95-57-8	2-Chlorophenol	39.6		0.61	5.30	ug/L
95-48-7	2-Methylphenol	34.5		1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	18.4		1.30	5.30	ug/L
98-86-2	Acetophenone	90.6	E	0.78	5.30	ug/L
65794-96-9	3+4-Methylphenols	41.7		1.20	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.2		1.50	2.60	ug/L
67-72-1	Hexachloroethane	96.9	E	0.68	5.30	ug/L
98-95-3	Nitrobenzene	89.1	E	0.80	5.30	ug/L
78-59-1	Isophorone	85.0	E	0.79	5.30	ug/L
88-75-5	2-Nitrophenol	90.4	E	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	78.4		1.90	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	75.2		0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	85.1	E	0.55	5.30	ug/L
91-20-3	Naphthalene	3000	E	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	31.3		0.88	5.30	ug/L
87-68-3	Hexachlorobutadiene	74.8		0.57	5.30	ug/L
105-60-2	Caprolactam	17.0		1.20	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	79.4		0.62	5.30	ug/L
91-57-6	2-Methylnaphthalene	850	E	0.59	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	76.9		3.80	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	50.2		0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	49.9		0.65	5.30	ug/L
92-52-4	1,1-Biphenyl	70.0		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	48.9		0.64	5.30	ug/L
88-74-4	2-Nitroaniline	53.9		1.30	5.30	ug/L
131-11-3	Dimethylphthalate	47.8		0.64	5.30	ug/L

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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2921
Lab Sample ID:	Q2924-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	190	E	0.79	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	51.3		0.97	5.30	ug/L
99-09-2	3-Nitroaniline	32.4		1.10	5.30	ug/L
83-32-9	Acenaphthene	53.5		0.58	5.30	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.30	10.5	ug/L
100-02-7	4-Nitrophenol	42.7		2.50	10.5	ug/L
132-64-9	Dibenzofuran	51.2		0.64	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	52.5		1.30	5.30	ug/L
84-66-2	Diethylphthalate	48.9		0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.5		0.72	5.30	ug/L
86-73-7	Fluorene	68.0		0.66	5.30	ug/L
100-01-6	4-Nitroaniline	49.4		1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.7		3.00	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	50.5		0.61	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	52.0		0.42	5.30	ug/L
118-74-1	Hexachlorobenzene	52.3		0.55	5.30	ug/L
1912-24-9	Atrazine	48.5		1.10	5.30	ug/L
87-86-5	Pentachlorophenol	110	E	1.70	10.5	ug/L
85-01-8	Phenanthrene	67.2		0.53	5.30	ug/L
120-12-7	Anthracene	53.2		0.64	5.30	ug/L
86-74-8	Carbazole	63.5		0.76	5.30	ug/L
84-74-2	Di-n-butylphthalate	52.6		1.30	5.30	ug/L
206-44-0	Fluoranthene	51.6		0.86	5.30	ug/L
129-00-0	Pyrene	50.1		0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	52.0		2.00	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	43.4		0.98	10.5	ug/L
218-01-9	Chrysene	51.2		0.46	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.7		1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	52.0		2.50	10.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.9		0.62	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.6		0.71	5.30	ug/L

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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2921
Lab Sample ID:	Q2924-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
95-94-3	1,2,4,5-Tetrachlorobenzene	49.8		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	21.8		1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.6		0.76	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.4		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	41.4		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	149	*	67 - 132	149%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.1		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	76.2		42 - 152	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	166000	7.778			
1146-65-2	Naphthalene-d8	359000	10.566			
15067-26-2	Acenaphthene-d10	418000	14.401			
1517-22-2	Phenanthrene-d10	814000	17.201			
1719-03-5	Chrysene-d12	888000	21.636			
1520-96-3	Perylene-d12	1060000	25.007			

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025392.D 5 =BP025393.D 10 =BP025394.D 20 =BP025395.D 40 =BP025396.D 50 =BP025397.D 60 =BP025398.D 80 =BP0253
99.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.462	0.458	0.472	5.07
3)		Pyridine		1.446	1.250	1.256	1.220	1.317	1.281	1.268	1.291	5.77
4)		n-Nitrosodimet...			0.515	0.512	0.511	0.559	0.555	0.541	0.532	4.13
5)	S	2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.226	1.199	1.204	2.42
6)		Aniline		2.098	1.962	2.030	2.020	2.194	2.164	2.094	2.080	3.96
7)	S	Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.609	1.563	1.544	4.16
8)		2-Chlorophenol		1.351	1.283	1.347	1.313	1.428	1.414	1.378	1.359	3.83
9)		Benzaldehyde			0.987	0.956	1.366	1.262	1.005	0.915	1.082	17.12
10)	C	Phenol		1.594	1.529	1.613	1.575	1.707	1.688	1.635	1.620	3.87
11)		bis(2-Chloroet...		1.283	1.183	1.273	1.222	1.321	1.303	1.255	1.263	3.78
12)		1,3-Dichlorobe...		1.532	1.433	1.503	1.443	1.555	1.530	1.493	1.499	3.07
13)	C	1,4-Dichlorobe...		1.587	1.490	1.527	1.467	1.596	1.544	1.510	1.532	3.12
14)		1,2-Dichlorobe...		1.558	1.430	1.491	1.431	1.533	1.487	1.449	1.483	3.35
15)		Benzyl Alcohol			1.138	1.205	1.193	1.287	1.289	1.250	1.227	4.83
16)		2,2'-oxybis(1-...		1.762	1.592	1.712	1.620	1.751	1.740	1.665	1.692	3.96
17)		2-Methylphenol		1.075	1.030	1.123	1.107	1.198	1.191	1.154	1.125	5.41
18)		Hexachloroethane		0.577	0.544	0.552	0.545	0.588	0.578	0.559	0.563	3.13
19)	P	n-Nitroso-di-n...	1.014	1.066	0.959	1.056	0.992	1.053	1.042	1.000	1.023	3.68
20)		3+4-Methylphenols			1.442	1.533	1.525	1.639	1.640	1.580	1.560	4.87
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.515	0.487	0.506	0.485	0.523	0.506	0.488	0.502	2.96
23)	S	Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.408	0.394	0.395	3.65
24)		Nitrobenzene		0.350	0.342	0.348	0.344	0.375	0.362	0.352	0.353	3.21
25)		Isophorone		0.734	0.672	0.700	0.674	0.730	0.709	0.680	0.700	3.70
26)	C	2-Nitrophenol		0.167	0.163	0.177	0.181	0.197	0.195	0.190	0.181	7.43
27)		2,4-Dimethylph...		0.303	0.303	0.296	0.308	0.336	0.325	0.313	0.312	4.46
28)		bis(2-Chloroet...		0.443	0.407	0.425	0.407	0.439	0.430	0.410	0.423	3.61
29)	C	2,4-Dichloroph...		0.293	0.293	0.308	0.305	0.331	0.324	0.314	0.310	4.71
30)		1,2,4-Trichlor...		0.357	0.329	0.335	0.327	0.354	0.344	0.332	0.340	3.61
31)		Naphthalene		1.069	1.020	1.037	1.000	1.087	1.052	1.011	1.040	3.06
32)		Benzoic acid			0.188	0.207	0.227	0.249	0.255	0.255	0.230	12.20
33)		4-Chloroaniline		0.453	0.435	0.447	0.452	0.492	0.478	0.458	0.459	4.19
34)	C	Hexachlorobuta...		0.222	0.205	0.211	0.205	0.218	0.213	0.207	0.211	3.05
35)		Caprolactam			0.114	0.110	0.109	0.120	0.116	0.113	0.114	3.67
36)	C	4-Chloro-3-met...		0.366	0.335	0.347	0.346	0.373	0.368	0.353	0.355	3.85
37)		2-Methylnaphth...		0.716	0.653	0.678	0.652	0.700	0.682	0.654	0.676	3.69
38)		1-Methylnaphth...		0.777	0.706	0.713	0.686	0.751	0.719	0.685	0.719	4.67

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.578	0.559	0.585	0.560	0.610	0.581	0.571	0.578	3.00
41)	P	Hexachlorocycl...		0.274	0.313	0.348	0.387	0.388	0.383	0.349	13.46
42)	S	2,4,6-Tribromo...	0.266	0.259	0.267	0.263	0.286	0.275	0.268	0.269	3.39
43)	C	2,4,6-Trichlor...	0.368	0.364	0.381	0.382	0.421	0.408	0.405	0.390	5.56
44)		2,4,5-Trichlor...	0.417	0.385	0.424	0.424	0.457	0.448	0.437	0.427	5.52
45)	S	2-Fluorobiphenyl	1.558	1.483	1.507	1.392	1.517	1.435	1.351	1.463	5.04
46)		1,1'-Biphenyl	1.495	1.418	1.457	1.408	1.537	1.445	1.407	1.453	3.37
47)		2-Chloronaphth...	1.152	1.093	1.144	1.101	1.184	1.142	1.100	1.131	2.99
48)		2-Nitroaniline	0.301	0.306	0.317	0.330	0.360	0.351	0.341	0.329	6.85
49)		Acenaphthylene	1.907	1.806	1.848	1.806	1.992	1.907	1.832	1.871	3.63
50)		Dimethylphthalate	1.569	1.449	1.438	1.403	1.512	1.479	1.403	1.465	4.12
51)		2,6-Dinitrotol...	0.297	0.287	0.302	0.309	0.331	0.323	0.311	0.309	4.95
52)	C	Acenaphthene	1.149	1.082	1.100	1.041	1.155	1.106	1.056	1.098	3.93
53)		3-Nitroaniline	0.318	0.329	0.337	0.342	0.384	0.367	0.354	0.347	6.56
54)	P	2,4-Dinitrophenol		0.114	0.140	0.163	0.186	0.192	0.194	0.165	19.83
55)		Dibenzofuran	1.820	1.711	1.737	1.677	1.811	1.729	1.672	1.736	3.40
56)	P	4-Nitrophenol		0.251	0.265	0.279	0.315	0.304	0.298	0.285	8.56
57)		2,4-Dinitrotol...	0.404	0.407	0.431	0.438	0.479	0.471	0.454	0.440	6.61
58)		Fluorene	1.506	1.391	1.390	1.306	1.415	1.330	1.253	1.370	6.02
59)		2,3,4,6-Tetrac...	0.375	0.360	0.366	0.368	0.402	0.392	0.379	0.377	4.01
60)		Diethylphthalate	1.615	1.475	1.465	1.434	1.540	1.459	1.430	1.488	4.48
61)		4-Chlorophenyl...	0.761	0.684	0.679	0.651	0.690	0.671	0.634	0.681	5.91
62)		4-Nitroaniline	0.341	0.336	0.349	0.351	0.387	0.370	0.359	0.356	4.89
63)		Azobenzene	1.315	1.226	1.274	1.237	1.341	1.301	1.227	1.274	3.62
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.096	0.113	0.123	0.139	0.139	0.138	0.125	14.21
66)	c	n-Nitrosodiphe...	0.636	0.603	0.607	0.591	0.634	0.605	0.594	0.610	2.99
67)		4-Bromophenyl-...	0.233	0.206	0.217	0.213	0.230	0.223	0.218	0.220	4.34
68)		Hexachlorobenzene	0.264	0.253	0.254	0.242	0.264	0.257	0.251	0.255	3.06
69)		Atrazine	0.229	0.226	0.228	0.218	0.240	0.229	0.229	0.228	2.74
70)	C	Pentachlorophenol		0.135	0.154	0.157	0.177	0.171	0.172	0.161	9.76
71)		Phenanthrene	1.162	1.101	1.111	1.040	1.135	1.085	1.057	1.099	3.88
72)		Anthracene	1.161	1.124	1.133	1.079	1.175	1.101	1.080	1.122	3.37
73)		Carbazole	1.079	1.052	1.074	1.007	1.111	1.053	1.022	1.057	3.32
74)		Di-n-butylphth...	1.345	1.255	1.332	1.244	1.374	1.285	1.265	1.300	3.86
75)	C	Fluoranthene	1.370	1.323	1.348	1.228	1.361	1.286	1.258	1.311	4.13
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.642	0.642	0.967	0.664	0.608	0.573	0.683	20.94
78)		Pyrene	1.398	1.261	1.287	1.274	1.320	1.319	1.241	1.300	4.00
79)	S	Terphenyl-d14	1.249	1.100	1.097	1.045	1.100	1.061	0.999	1.093	7.15
80)		Butylbenzylpht...	0.589	0.557	0.592	0.579	0.614	0.616	0.578	0.589	3.55
81)		Benzo(a)anthra...	1.384	1.302	1.313	1.268	1.359	1.333	1.275	1.319	3.21
82)		3,3'-Dichlorob...		0.482	0.507	0.488	0.521	0.506	0.480	0.497	3.31
83)		Chrysene	1.292	1.214	1.249	1.182	1.280	1.243	1.186	1.235	3.49
84)		Bis(2-ethylhex...	0.907	0.826	0.874	0.831	0.901	0.882	0.850	0.867	3.73
85)	c	Di-n-octyl pht...		1.381	1.498	1.444	1.572	1.563	1.491	1.492	4.84

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.454	1.385	1.440	1.411	1.569	1.522	1.486	1.467	4.36
88)		Benzo(b)fluora...	1.203	1.126	1.171	1.134	1.250	1.197	1.175	1.179	3.60
89)		Benzo(k)fluora...	1.202	1.157	1.200	1.130	1.226	1.206	1.141	1.180	3.16
90)	C	Benzo(a)pyrene	1.139	1.093	1.150	1.108	1.219	1.185	1.141	1.148	3.77
91)		Dibenzo(a,h)an...	1.180	1.125	1.179	1.156	1.290	1.244	1.216	1.199	4.64
92)		Benzo(g,h,i)pe...	1.162	1.118	1.169	1.138	1.248	1.220	1.192	1.178	3.86

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2921

Instrument ID: BNA_P Calibration Date/Time: 08/25/2025 12:13

Lab File ID: BP025561.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.230		2.2	
Benzaldehyde	1.082	1.338		23.7	
Phenol-d6	1.544	1.578		2.2	
Phenol	1.620	1.637		1.0	20.0
bis(2-Chloroethyl)ether	1.263	1.249		-1.1	
2-Chlorophenol	1.359	1.362		0.2	
2-Methylphenol	1.125	1.108		-1.5	
2,2-oxybis(1-Chloropropane)	1.692	1.716		1.4	
Acetophenone	0.502	0.490		-2.4	
3+4-Methylphenols	1.560	1.501		-3.8	
n-Nitroso-di-n-propylamine	1.023	0.970	0.050	-5.2	
Nitrobenzene-d5	0.395	0.399		1.0	
Hexachloroethane	0.563	0.547		-2.8	
Nitrobenzene	0.353	0.358		1.4	
Isophorone	0.700	0.668		-4.6	
2-Nitrophenol	0.181	0.186		2.8	20.0
2,4-Dimethylphenol	0.312	0.304		-2.6	
bis(2-Chloroethoxy)methane	0.423	0.405		-4.3	
2,4-Dichlorophenol	0.310	0.306		-1.3	20.0
Naphthalene	1.040	1.011		-2.8	
4-Chloroaniline	0.459	0.446		-2.8	
Hexachlorobutadiene	0.211	0.197		-6.6	20.0
Caprolactam	0.114	0.111		-2.6	
4-Chloro-3-methylphenol	0.355	0.342		-3.7	20.0
2-Methylnaphthalene	0.676	0.636		-5.9	
Hexachlorocyclopentadiene	0.349	0.387	0.050	10.9	
2,4,6-Trichlorophenol	0.390	0.396		1.5	20.0
2-Fluorobiphenyl	1.463	1.453		-0.7	
2,4,5-Trichlorophenol	0.427	0.435		1.9	
1,1-Biphenyl	1.453	1.456		0.2	
2-Chloronaphthalene	1.131	1.146		1.3	
2-Nitroaniline	0.329	0.351		6.7	
Dimethylphthalate	1.465	1.428		-2.5	
Acenaphthylene	1.871	1.872		0.1	
2,6-Dinitrotoluene	0.309	0.318		2.9	
3-Nitroaniline	0.347	0.364		4.9	
Acenaphthene	1.098	1.074		-2.2	20.0
2,4-Dinitrophenol	0.165	0.220	0.050	33.3	
4-Nitrophenol	0.285	0.297	0.050	4.2	

Form VII SV-1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2921

Instrument ID: BNA_P Calibration Date/Time: 08/25/2025 12:13

Lab File ID: BP025561.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.714		-1.3	
2,4-Dinitrotoluene	0.440	0.461		4.8	
Diethylphthalate	1.488	1.451		-2.5	
4-Chlorophenyl-phenylether	0.681	0.659		-3.2	
Fluorene	1.370	1.353		-1.2	
4-Nitroaniline	0.356	0.380		6.7	
4,6-Dinitro-2-methylphenol	0.125	0.147		17.6	
n-Nitrosodiphenylamine	0.610	0.601		-1.5	20.0
2,4,6-Tribromophenol	0.269	0.270		0.4	
4-Bromophenyl-phenylether	0.220	0.213		-3.2	
Hexachlorobenzene	0.255	0.243		-4.7	
Atrazine	0.228	0.221		-3.1	
Pentachlorophenol	0.161	0.156		-3.1	20.0
Phenanthrene	1.099	1.083		-1.5	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.061		0.4	
Di-n-butylphthalate	1.300	1.268		-2.5	
Fluoranthene	1.311	1.276		-2.7	20.0
Pyrene	1.300	1.273		-2.1	
Terphenyl-d14	1.093	1.041		-4.8	
Butylbenzylphthalate	0.589	0.574		-2.5	
3,3-Dichlorobenzidine	0.497	0.487		-2.0	
Chrysene	1.235	1.205		-2.4	
Bis(2-ethylhexyl)phthalate	0.867	0.799		-7.8	
Di-n-octyl phthalate	1.492	1.388		-7.0	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.451		-1.1	
Dibenzo(a,h)anthracene	1.199	1.203		0.3	
1,2,4,5-Tetrachlorobenzene	0.578	0.586		1.4	
1,4-Dioxane	0.472	0.466		-1.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.380		0.8	

All other compounds must meet a minimum RRF of 0.010.

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2921

Instrument ID: BNA_P Calibration Date/Time: 08/26/2025 10:21

Lab File ID: BP025579.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.238		2.8	
Benzaldehyde	1.082	1.311		21.2	
Phenol-d6	1.544	1.536		-0.5	
Phenol	1.620	1.579		-2.5	20.0
bis(2-Chloroethyl)ether	1.263	1.232		-2.5	
2-Chlorophenol	1.359	1.354		-0.4	
2-Methylphenol	1.125	1.095		-2.7	
2,2-oxybis(1-Chloropropane)	1.692	1.682		-0.6	
Acetophenone	0.502	0.498		-0.8	
3+4-Methylphenols	1.560	1.460		-6.4	
n-Nitroso-di-n-propylamine	1.023	0.944	0.050	-7.7	
Nitrobenzene-d5	0.395	0.403		2.0	
Hexachloroethane	0.563	0.567		0.7	
Nitrobenzene	0.353	0.356		0.9	
Isophorone	0.700	0.679		-3.0	
2-Nitrophenol	0.181	0.189		4.4	20.0
2,4-Dimethylphenol	0.312	0.308		-1.3	
bis(2-Chloroethoxy)methane	0.423	0.409		-3.3	
2,4-Dichlorophenol	0.310	0.308		-0.6	20.0
Naphthalene	1.040	1.016		-2.3	
4-Chloroaniline	0.459	0.440		-4.1	
Hexachlorobutadiene	0.211	0.212		0.5	20.0
Caprolactam	0.114	0.106		-7.0	
4-Chloro-3-methylphenol	0.355	0.344		-3.1	20.0
2-Methylnaphthalene	0.676	0.650		-3.8	
Hexachlorocyclopentadiene	0.349	0.378	0.050	8.3	
2,4,6-Trichlorophenol	0.390	0.414		6.2	20.0
2-Fluorobiphenyl	1.463	1.454		-0.6	
2,4,5-Trichlorophenol	0.427	0.455		6.6	
1,1-Biphenyl	1.453	1.465		0.8	
2-Chloronaphthalene	1.131	1.145		1.2	
2-Nitroaniline	0.329	0.352		7.0	
Dimethylphthalate	1.465	1.457		-0.5	
Acenaphthylene	1.871	1.885		0.7	
2,6-Dinitrotoluene	0.309	0.317		2.6	
3-Nitroaniline	0.347	0.352		1.4	
Acenaphthene	1.098	1.071		-2.5	20.0
2,4-Dinitrophenol	0.165	0.206	0.050	24.8	
4-Nitrophenol	0.285	0.275	0.050	-3.5	

Form VII SV-1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2921

Instrument ID: BNA_P Calibration Date/Time: 08/26/2025 10:21

Lab File ID: BP025579.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.708		-1.6	
2,4-Dinitrotoluene	0.440	0.449		2.0	
Diethylphthalate	1.488	1.476		-0.8	
4-Chlorophenyl-phenylether	0.681	0.673		-1.2	
Fluorene	1.370	1.330		-2.9	
4-Nitroaniline	0.356	0.360		1.1	
4,6-Dinitro-2-methylphenol	0.125	0.142		13.6	
n-Nitrosodiphenylamine	0.610	0.600		-1.6	20.0
2,4,6-Tribromophenol	0.269	0.279		3.7	
4-Bromophenyl-phenylether	0.220	0.223		1.4	
Hexachlorobenzene	0.255	0.259		1.6	
Atrazine	0.228	0.224		-1.8	
Pentachlorophenol	0.161	0.160		-0.6	20.0
Phenanthrene	1.099	1.075		-2.2	
Anthracene	1.122	1.109		-1.2	
Carbazole	1.057	1.018		-3.7	
Di-n-butylphthalate	1.300	1.288		-0.9	
Fluoranthene	1.311	1.234		-5.9	20.0
Pyrene	1.300	1.297		-0.2	
Terphenyl-d14	1.093	1.098		0.5	
Butylbenzylphthalate	0.589	0.609		3.4	
3,3-Dichlorobenzidine	0.497	0.499		0.4	
Chrysene	1.235	1.223		-1.0	
Bis(2-ethylhexyl)phthalate	0.867	0.871		0.5	
Di-n-octyl phthalate	1.492	1.545		3.6	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.442		-1.7	
Dibenzo(a,h)anthracene	1.199	1.179		-1.7	
1,2,4,5-Tetrachlorobenzene	0.578	0.600		3.8	
1,4-Dioxane	0.472	0.478		1.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.382		1.3	

All other compounds must meet a minimum RRF of 0.010.

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2921

Instrument ID: BNA_P Calibration Date/Time: 08/27/2025 09:39

Lab File ID: BP025596.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.204		0.0	
Benzaldehyde	1.082	1.320		22.0	
Phenol-d6	1.544	1.563		1.2	
Phenol	1.620	1.636		1.0	20.0
bis(2-Chloroethyl)ether	1.263	1.242		-1.7	
2-Chlorophenol	1.359	1.356		-0.2	
2-Methylphenol	1.125	1.127		0.2	
2,2-oxybis(1-Chloropropane)	1.692	1.723		1.8	
Acetophenone	0.502	0.496		-1.2	
3+4-Methylphenols	1.560	1.513		-3.0	
n-Nitroso-di-n-propylamine	1.023	1.032	0.050	0.9	
Nitrobenzene-d5	0.395	0.395		0.0	
Hexachloroethane	0.563	0.563		0.0	
Nitrobenzene	0.353	0.352		-0.3	
Isophorone	0.700	0.708		1.1	
2-Nitrophenol	0.181	0.187		3.3	20.0
2,4-Dimethylphenol	0.312	0.310		-0.6	
bis(2-Chloroethoxy)methane	0.423	0.417		-1.4	
2,4-Dichlorophenol	0.310	0.310		0.0	20.0
Naphthalene	1.040	1.018		-2.1	
4-Chloroaniline	0.459	0.458		-0.2	
Hexachlorobutadiene	0.211	0.206		-2.4	20.0
Caprolactam	0.114	0.121		6.1	
4-Chloro-3-methylphenol	0.355	0.363		2.3	20.0
2-Methylnaphthalene	0.676	0.657		-2.8	
Hexachlorocyclopentadiene	0.349	0.280	0.050	-19.8	
2,4,6-Trichlorophenol	0.390	0.385		-1.3	20.0
2-Fluorobiphenyl	1.463	1.415		-3.3	
2,4,5-Trichlorophenol	0.427	0.424		-0.7	
1,1-Biphenyl	1.453	1.400		-3.6	
2-Chloronaphthalene	1.131	1.094		-3.3	
2-Nitroaniline	0.329	0.360		9.4	
Dimethylphthalate	1.465	1.499		2.3	
Acenaphthylene	1.871	1.827		-2.4	
2,6-Dinitrotoluene	0.309	0.331		7.1	
3-Nitroaniline	0.347	0.364		4.9	
Acenaphthene	1.098	1.046		-4.7	20.0
2,4-Dinitrophenol	0.165	0.204	0.050	23.6	
4-Nitrophenol	0.285	0.275	0.050	-3.5	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2921

Instrument ID: BNA_P Calibration Date/Time: 08/27/2025 09:39

Lab File ID: BP025596.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.718		-1.0	
2,4-Dinitrotoluene	0.440	0.481		9.3	
Diethylphthalate	1.488	1.550		4.2	
4-Chlorophenyl-phenylether	0.681	0.690		1.3	
Fluorene	1.370	1.386		1.2	
4-Nitroaniline	0.356	0.391		9.8	
4,6-Dinitro-2-methylphenol	0.125	0.142		13.6	
n-Nitrosodiphenylamine	0.610	0.593		-2.8	20.0
2,4,6-Tribromophenol	0.269	0.296		10.0	
4-Bromophenyl-phenylether	0.220	0.217		-1.4	
Hexachlorobenzene	0.255	0.256		0.4	
Atrazine	0.228	0.234		2.6	
Pentachlorophenol	0.161	0.155		-3.7	20.0
Phenanthrene	1.099	1.066		-3.0	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.047		-0.9	
Di-n-butylphthalate	1.300	1.367		5.2	
Fluoranthene	1.311	1.324		1.0	20.0
Pyrene	1.300	1.296		-0.3	
Terphenyl-d14	1.093	1.122		2.7	
Butylbenzylphthalate	0.589	0.630		7.0	
3,3-Dichlorobenzidine	0.497	0.494		-0.6	
Chrysene	1.235	1.231		-0.3	
Bis(2-ethylhexyl)phthalate	0.867	0.884		2.0	
Di-n-octyl phthalate	1.492	1.545		3.6	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.427		-2.7	
Dibenzo(a,h)anthracene	1.199	1.176		-1.9	
1,2,4,5-Tetrachlorobenzene	0.578	0.565		-2.2	
1,4-Dioxane	0.472	0.463		-1.9	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.394		4.5	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Time: Aug 27 17:27:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

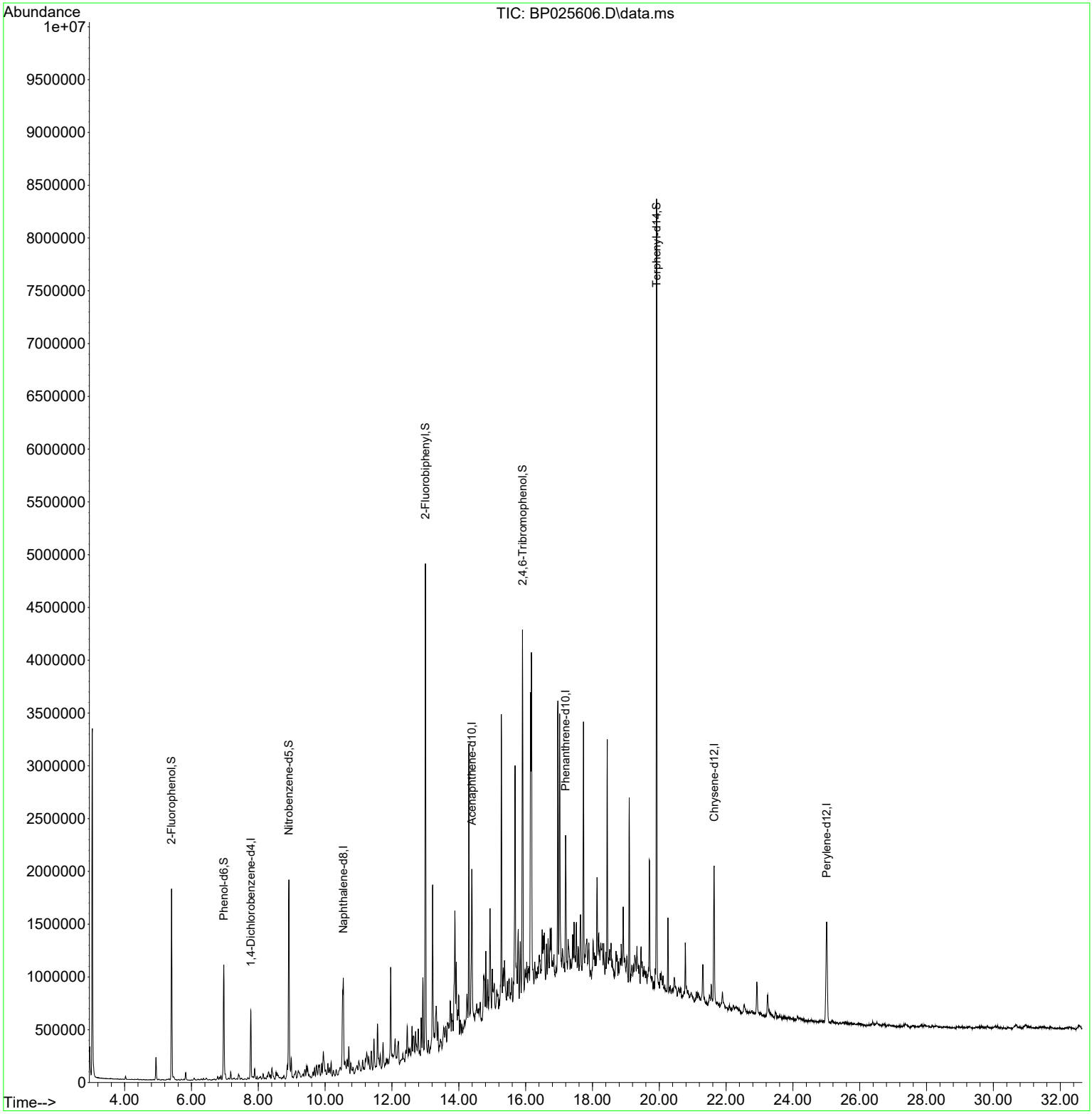
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	180094	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	701721	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	421669	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	799345	20.000	ng	0.00
76) Chrysene-d12	21.642	240	913374	20.000	ng	0.00
86) Perylene-d12	25.007	264	1064567	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	809629	74.658	ng	0.00
7) Phenol-d6	6.967	99	665952	47.898	ng	0.00
23) Nitrobenzene-d5	8.913	82	1089756	78.558	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	712694	125.569	ng	0.00
45) 2-Fluorobiphenyl	13.002	172	2437054	78.988	ng	-0.02
79) Terphenyl-d14	19.919	244	3465681	69.421	ng	0.00
Target Compounds						Qvalue

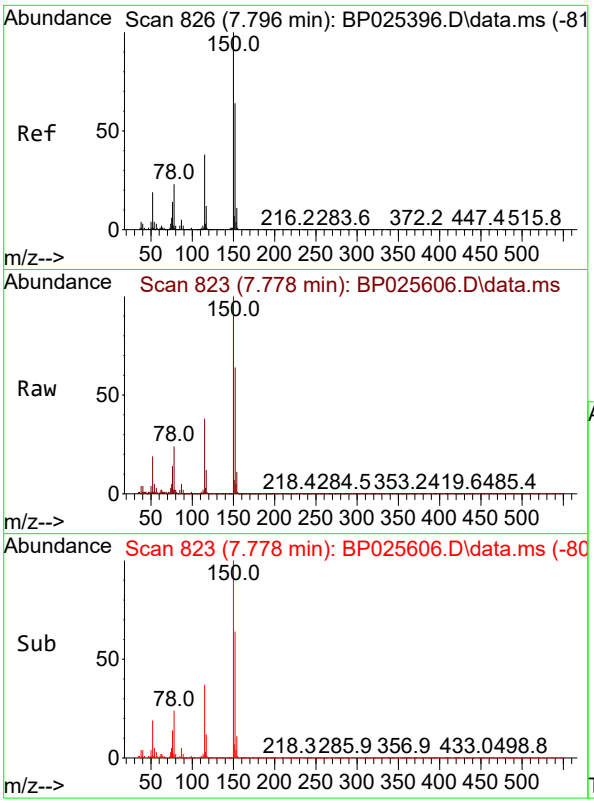
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Time: Aug 27 17:27:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



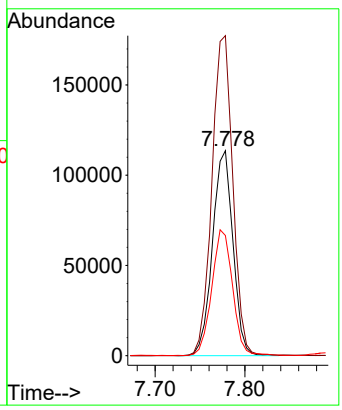


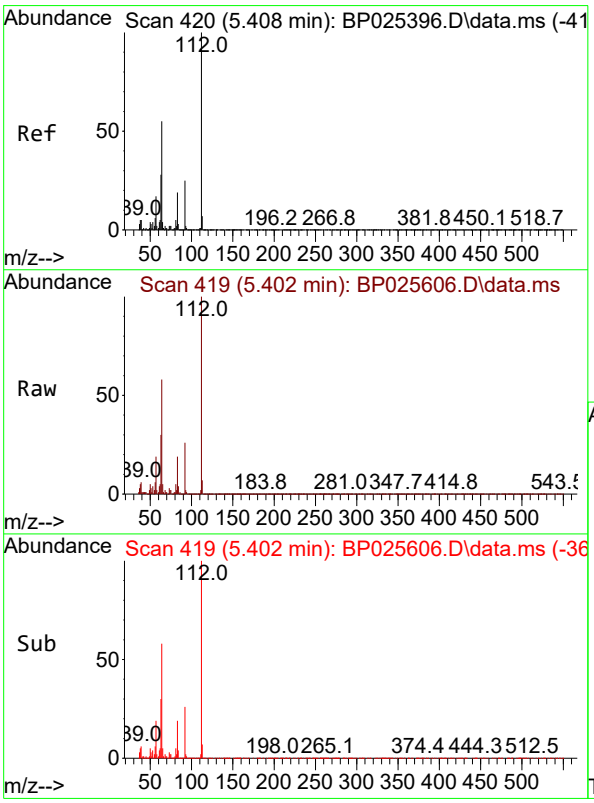
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Instrument :
BNA_P
ClientSampleId :
MW1

Tgt Ion:152 Resp: 180094

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.9	188.9
115	58.6	48.5	72.7

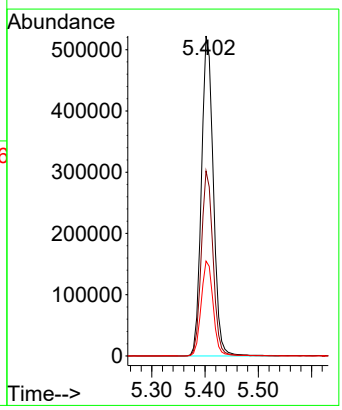


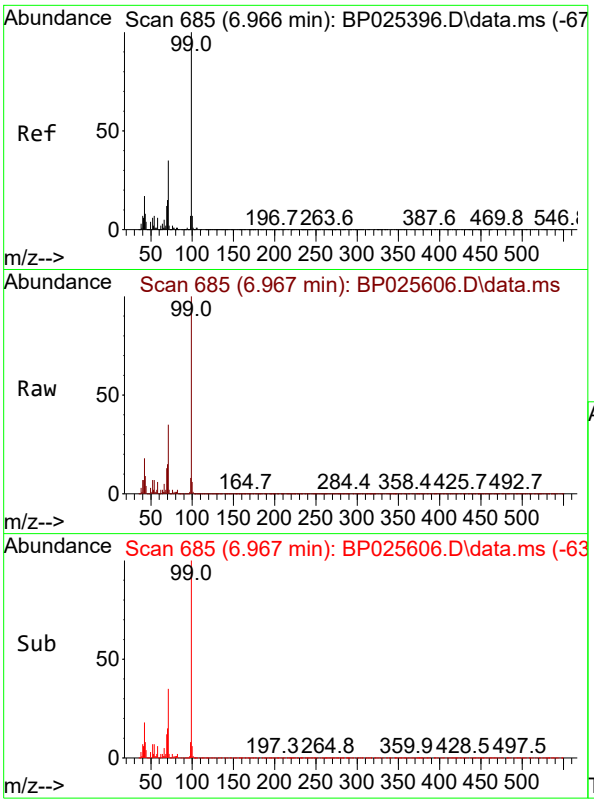


#5
2-Fluorophenol
Concen: 74.658 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion:112 Resp: 809629

Ion	Ratio	Lower	Upper
112	100		
64	57.8	43.8	65.8
63	29.6	22.7	34.1



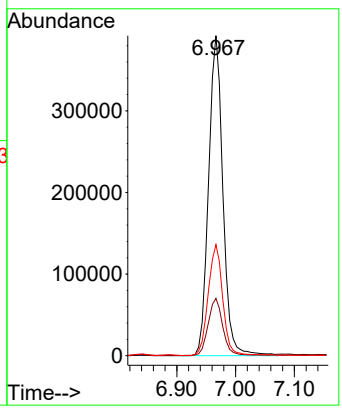


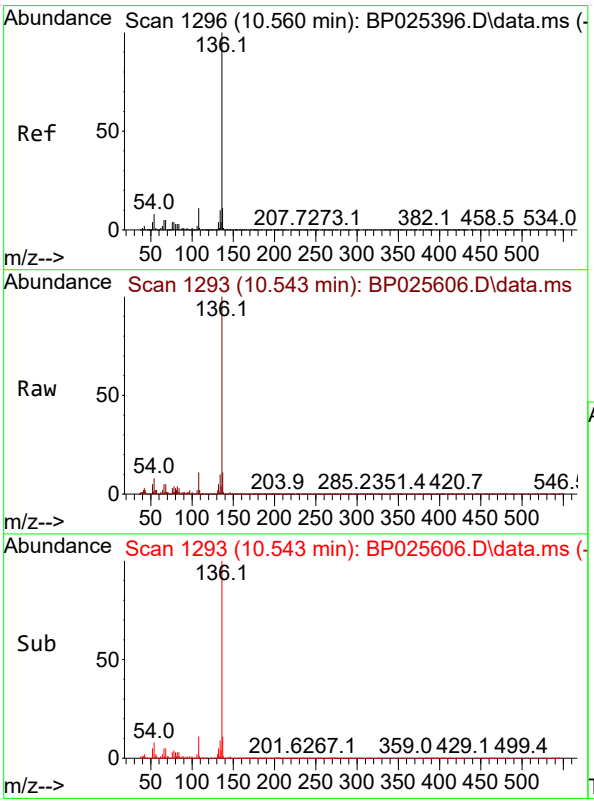
#7
Phenol-d6
Concen: 47.898 ng
RT: 6.967 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Instrument :
BNA_P
ClientSampleId :
MW1

Tgt Ion: 99 Resp: 665952

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.7	20.5
71	34.7	28.2	42.4

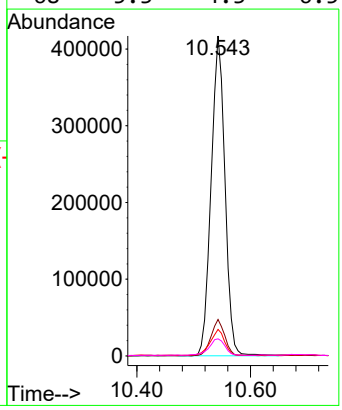


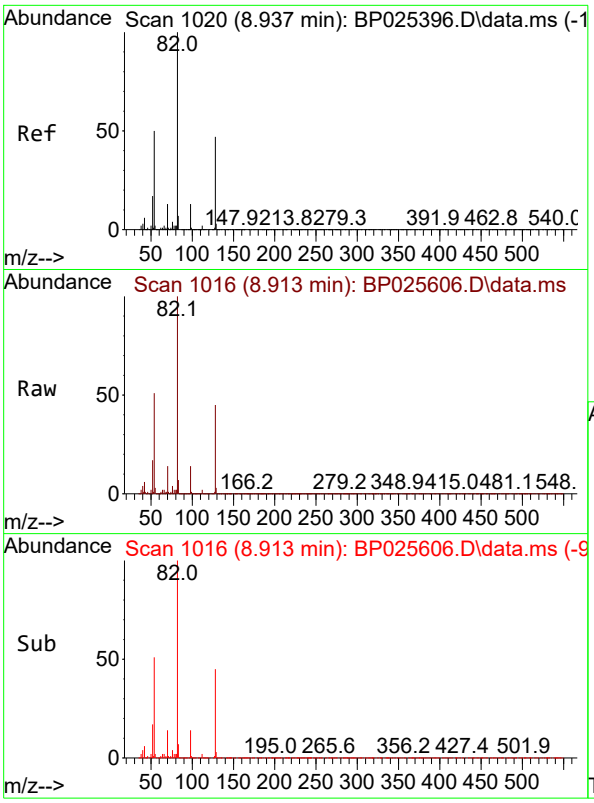


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.017 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion:136 Resp: 701721

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.3	6.0	9.0
68	5.3	4.3	6.5



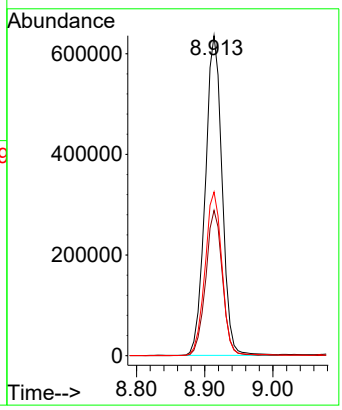


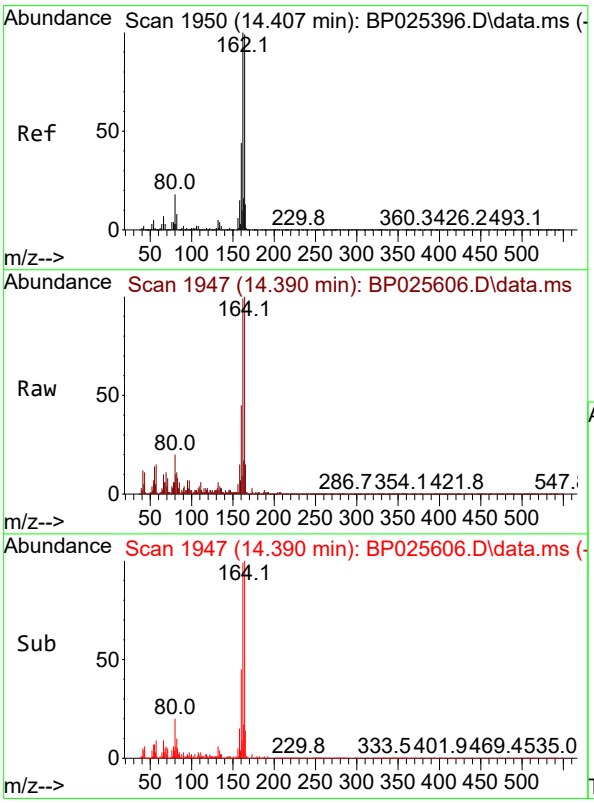
#23
Nitrobenzene-d5
Concen: 78.558 ng
RT: 8.913 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Instrument :
BNA_P
ClientSampleId :
MW1

Tgt Ion: 82 Resp: 1089756

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.7	56.5
54	51.2	39.8	59.6

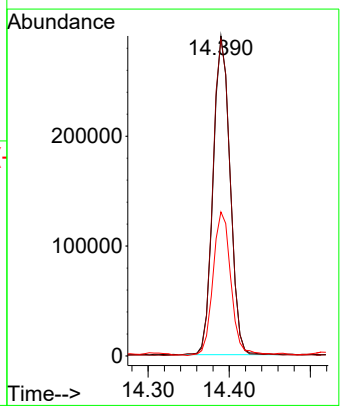


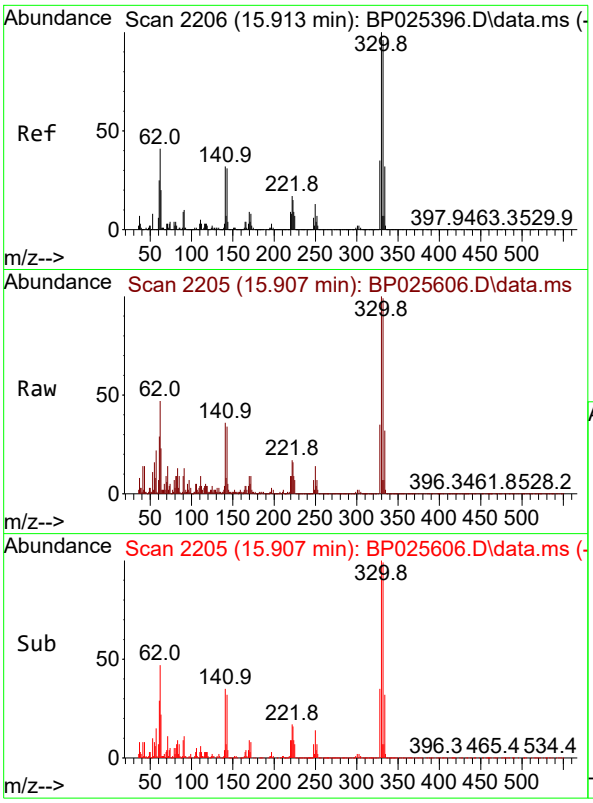


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.017 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion:164 Resp: 421669

Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.0	121.6
160	45.0	35.4	53.2



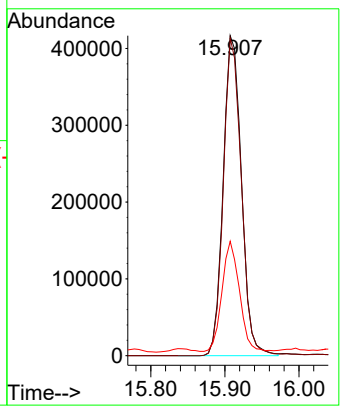


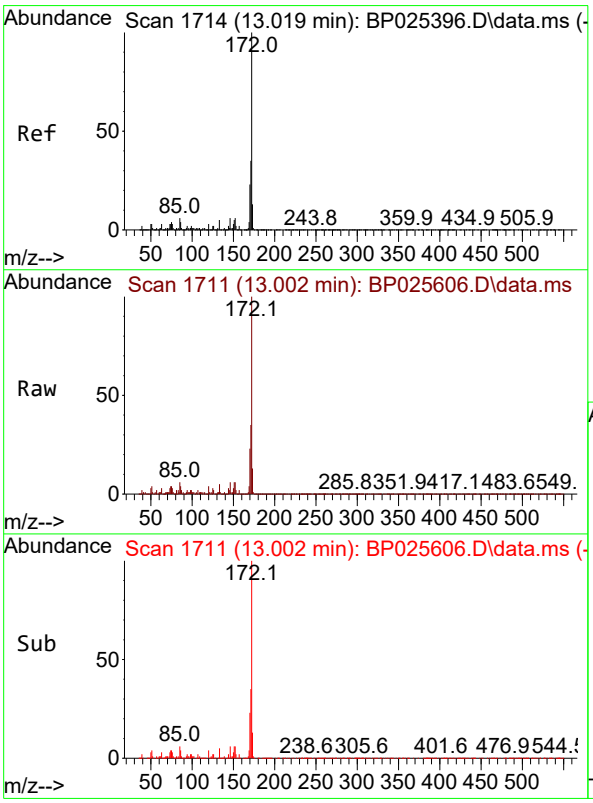
#42
2,4,6-Tribromophenol
Concen: 125.569 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Instrument :
BNA_P
ClientSampleId :
MW1

Tgt Ion:330 Resp: 712694

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.3	115.9
141	32.8	26.6	39.8

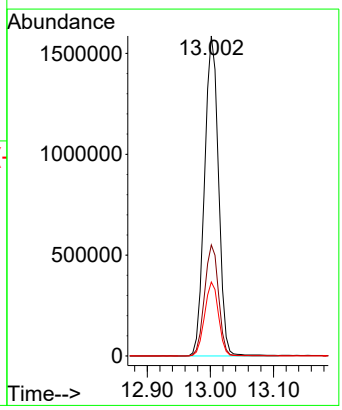


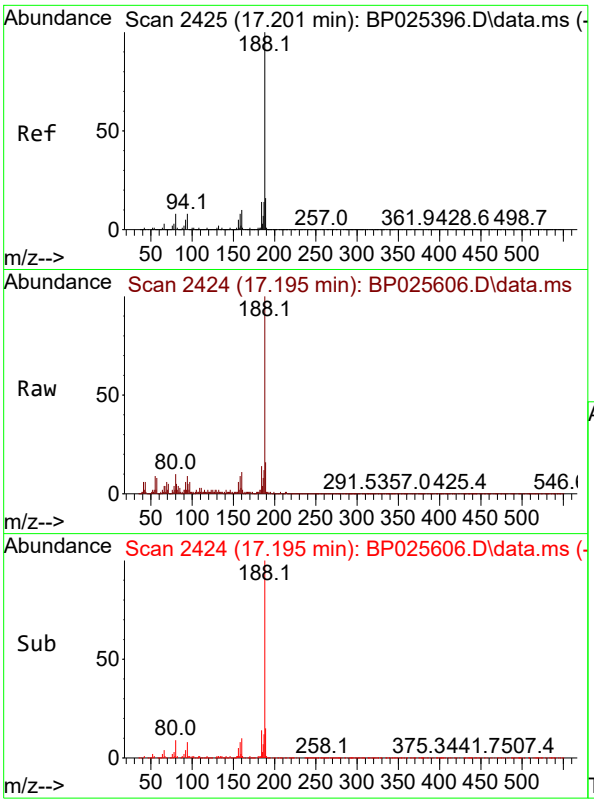


#45
2-Fluorobiphenyl
Concen: 78.988 ng
RT: 13.002 min Scan# 1711
Delta R.T. -0.017 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion:172 Resp: 2437054

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	23.1	18.6	28.0



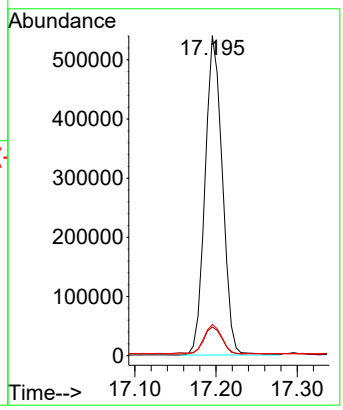


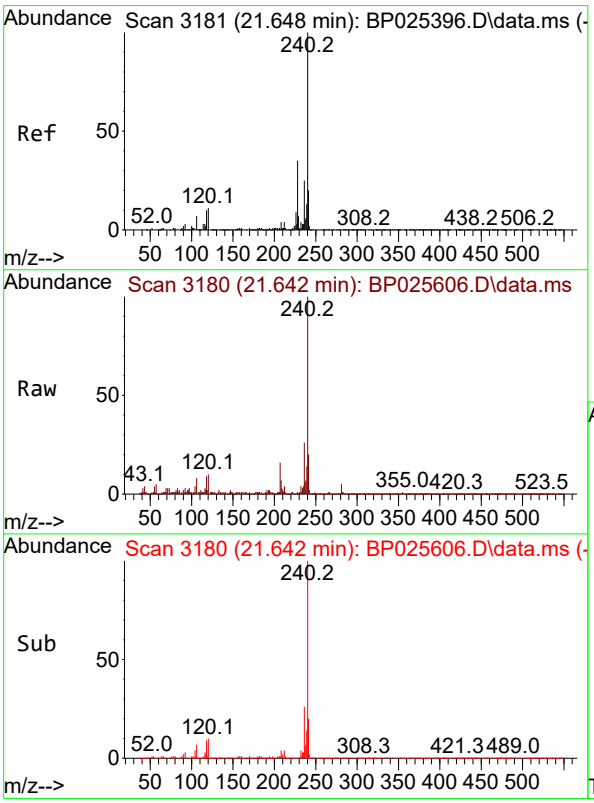
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Instrument :
BNA_P
ClientSampleId :
MW1

Tgt Ion:188 Resp: 799345

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.8	6.7	10.1

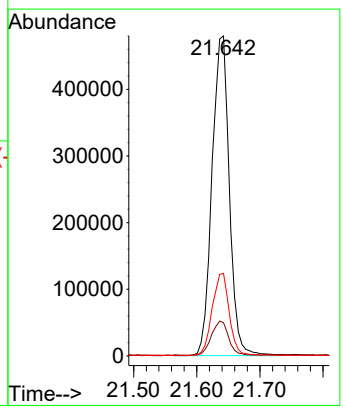


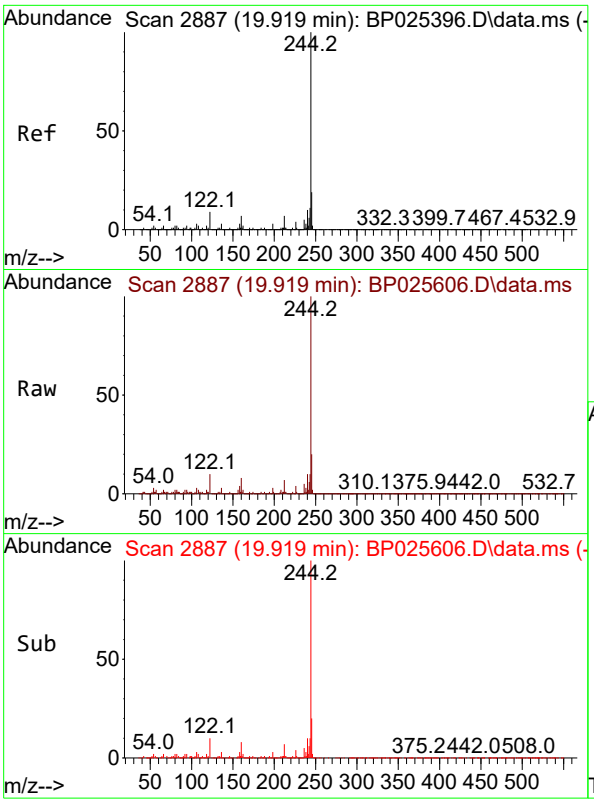


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion:240 Resp: 913374

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	25.8	19.8	29.8



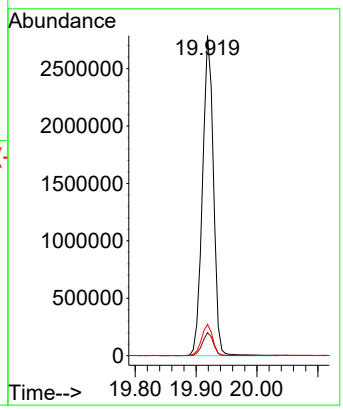


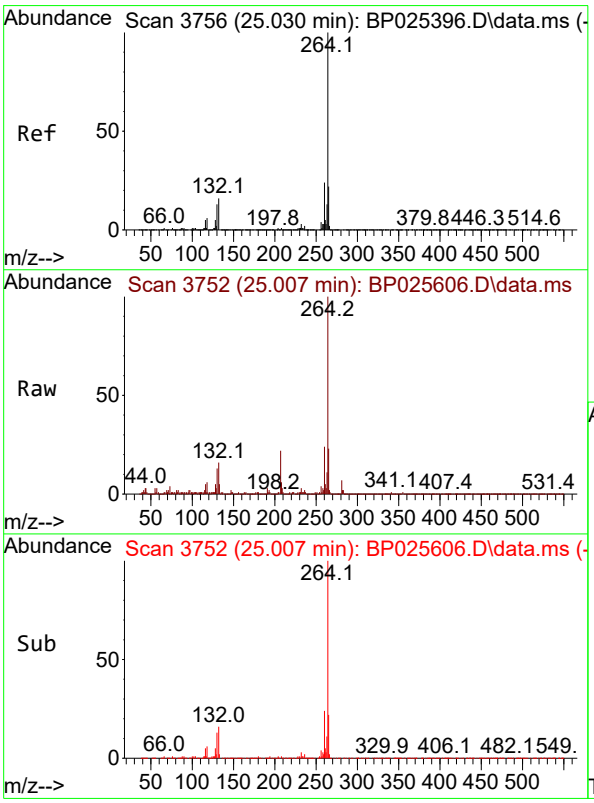
#79
Terphenyl-d14
Concen: 69.421 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Instrument :
BNA_P
ClientSampleId :
MW1

Tgt Ion:244 Resp: 3465681

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.8	7.4	11.2

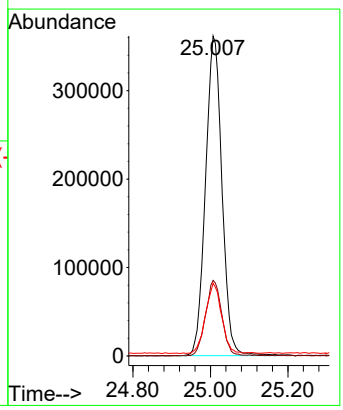




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 3752
Delta R.T. -0.023 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion:264 Resp: 1064567

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	22.7	17.4	26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025606.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	10	16	32	rVB	3302817	4936566	53.90%	4.128%
2	4.937	334	340	349	rVB2	212669	319159	3.48%	0.267%
3	5.402	412	419	426	rBV	1810039	2779639	30.35%	2.324%
4	5.825	485	491	501	rVB	72455	127854	1.40%	0.107%
5	6.967	675	685	691	rBV	1089270	1925523	21.02%	1.610%
6	7.772	814	822	829	rBV	652513	1135930	12.40%	0.950%
7	7.890	837	842	850	rVB	97877	166909	1.82%	0.140%
8	8.408	925	930	937	rBV2	97599	213416	2.33%	0.178%
9	8.866	998	1008	1010	rBV2	130719	238126	2.60%	0.199%
10	8.913	1010	1016	1025	rVV	1879049	3371111	36.80%	2.819%
11	8.984	1025	1028	1033	rVB	180446	257160	2.81%	0.215%
12	9.113	1039	1050	1055	rBV9	67842	193829	2.12%	0.162%
13	9.196	1055	1064	1079	rBV5	67287	266426	2.91%	0.223%
14	9.396	1092	1098	1102	rBV2	63044	127799	1.40%	0.107%
15	9.443	1102	1106	1109	rVV	97052	153145	1.67%	0.128%
16	9.743	1151	1157	1163	rBV5	103921	222989	2.43%	0.186%
17	9.802	1163	1167	1170	rBV5	82207	143681	1.57%	0.120%
18	9.896	1176	1183	1187	rBV3	114361	197197	2.15%	0.165%
19	9.949	1187	1192	1200	rVV3	202675	492900	5.38%	0.412%
20	10.084	1210	1215	1219	rBV2	100121	149447	1.63%	0.125%
21	10.178	1227	1231	1237	rVB2	135720	225962	2.47%	0.189%
22	10.543	1282	1293	1299	rBV2	872109	2344477	25.60%	1.960%
23	10.660	1308	1313	1317	rBV	84611	142827	1.56%	0.119%
24	10.708	1317	1321	1327	rVB	256539	402027	4.39%	0.336%
25	10.766	1327	1331	1337	rBV3	100454	198539	2.17%	0.166%
26	10.949	1351	1362	1367	rBV9	71054	248330	2.71%	0.208%
27	11.007	1367	1372	1382	rVB4	95866	240649	2.63%	0.201%
28	11.119	1386	1391	1396	rBV3	92817	155082	1.69%	0.130%
29	11.207	1401	1406	1408	rBV2	107853	174575	1.91%	0.146%
30	11.243	1408	1412	1419	rVV6	143785	375278	4.10%	0.314%
31	11.302	1419	1422	1429	rVB3	119034	210825	2.30%	0.176%
32	11.384	1430	1436	1442	rVB3	180857	343137	3.75%	0.287%
33	11.460	1442	1449	1456	rBV2	298360	588670	6.43%	0.492%
34	11.566	1462	1467	1472	rBV	407668	690991	7.54%	0.578%
35	11.649	1477	1481	1487	rVB2	135882	237153	2.59%	0.198%
36	11.731	1490	1495	1503	rBV2	234544	426466	4.66%	0.357%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.960	1525	1534	1541	rBV	912938	1582718	17.28%	1.323%
38	12.096	1552	1557	1562	rVB3	183445	340123	3.71%	0.284%
39	12.190	1566	1573	1578	rVB4	215289	525080	5.73%	0.439%
40	12.413	1606	1611	1614	rBV4	109979	225343	2.46%	0.188%
41	12.454	1614	1618	1623	rVB3	294787	491551	5.37%	0.411%
42	12.602	1639	1643	1646	rVB	239198	283236	3.09%	0.237%
43	12.643	1646	1650	1657	rVB5	156229	371528	4.06%	0.311%
44	12.707	1657	1661	1665	rBV3	199024	312392	3.41%	0.261%
45	12.790	1671	1675	1679	rVB	235146	368519	4.02%	0.308%
46	12.872	1685	1689	1694	rBV2	362920	553008	6.04%	0.462%
47	12.925	1694	1698	1703	rVV2	736351	1135919	12.40%	0.950%
48	13.002	1704	1711	1722	rVV	4647812	7237643	79.02%	6.052%
49	13.090	1722	1726	1732	rVB7	123798	212537	2.32%	0.178%
50	13.219	1742	1748	1755	rBV	1477767	2236805	24.42%	1.870%
51	13.325	1759	1766	1771	rVV3	393756	1018005	11.11%	0.851%
52	13.372	1771	1774	1779	rVB3	278756	406153	4.43%	0.340%
53	13.660	1820	1823	1824	rBV3	168055	182325	1.99%	0.152%
54	13.743	1834	1837	1842	rVB4	288391	485547	5.30%	0.406%
55	13.790	1842	1845	1848	rBV2	168119	230945	2.52%	0.193%
56	13.884	1858	1861	1865	rVB2	882173	1111445	12.13%	0.929%
57	13.925	1865	1868	1873	rVB	551510	681387	7.44%	0.570%
58	13.996	1878	1880	1884	rVB	373524	449674	4.91%	0.376%
59	14.043	1885	1888	1893	rVB5	127732	191201	2.09%	0.160%
60	14.243	1919	1922	1927	rVB5	225782	336692	3.68%	0.282%
61	14.301	1927	1932	1937	rBV	2595818	3042053	33.21%	2.544%
62	14.390	1940	1947	1956	rVB2	1390675	2659287	29.03%	2.223%
63	14.748	2004	2008	2009	rBV3	274244	362393	3.96%	0.303%
64	14.807	2015	2018	2024	rVB	536901	671463	7.33%	0.561%
65	14.937	2036	2040	2047	rVB3	942963	1556839	17.00%	1.302%
66	15.001	2048	2051	2054	rBV	345182	454975	4.97%	0.380%
67	15.272	2093	2097	2102	rVB	2639942	3233295	35.30%	2.703%
68	15.366	2111	2113	2124	rVB5	377323	687552	7.51%	0.575%
69	15.684	2161	2167	2172	rBV	2001607	3175674	34.67%	2.655%
70	15.778	2178	2183	2188	rVB3	656856	1111041	12.13%	0.929%
71	15.837	2189	2193	2198	rBV2	521502	867390	9.47%	0.725%
72	15.907	2199	2205	2213	rVB3	3423663	5798367	63.30%	4.848%
73	16.148	2241	2246	2248	rBV	2733473	4061971	44.35%	3.396%
74	16.172	2248	2250	2263	rVB	3141830	4508996	49.23%	3.770%
75	16.495	2301	2305	2308	rBV	391897	648377	7.08%	0.542%
76	16.625	2324	2327	2331	rBV	306368	385975	4.21%	0.323%

Sample Results: **BP025606.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.672	2332	2335	2341	rVV2	309813	473078	5.16%	0.396%
78	16.966	2380	2385	2389	rBV	2545380	3289676	35.92%	2.751%
79	17.019	2389	2394	2401	rVB	2360510	3761656	41.07%	3.145%
80	17.195	2420	2424	2433	rBV2	1296296	2262015	24.70%	1.891%
81	17.272	2435	2437	2439	rBV	211865	213461	2.33%	0.178%
82	17.448	2465	2467	2471	rVB2	341097	338947	3.70%	0.283%
83	17.519	2475	2479	2483	rVB2	431008	652448	7.12%	0.546%
84	17.642	2496	2500	2505	rVB2	508976	935195	10.21%	0.782%
85	17.731	2510	2515	2521	rVB	2292227	3059162	33.40%	2.558%
86	18.019	2561	2564	2568	rBV2	253081	423642	4.63%	0.354%
87	18.137	2580	2584	2589	rBV2	818903	1237507	13.51%	1.035%
88	18.442	2632	2636	2641	rBV	2149324	2499281	27.29%	2.090%
89	18.919	2715	2717	2722	rVB	529259	568855	6.21%	0.476%
90	19.101	2744	2748	2752	rVB	1728968	2096528	22.89%	1.753%
91	19.454	2804	2808	2812	rBV3	348883	610568	6.67%	0.511%
92	19.701	2847	2850	2858	rVB	1123570	1529533	16.70%	1.279%
93	19.878	2878	2880	2882	rBV2	183652	198362	2.17%	0.166%
94	19.919	2882	2887	2892	rVB	7403711	9159558	100.00%	7.659%
95	20.260	2941	2945	2949	rVB	708793	929648	10.15%	0.777%
96	20.778	3030	3033	3037	rBV	459201	549364	6.00%	0.459%
97	21.301	3119	3122	3128	rVB2	326196	558455	6.10%	0.467%
98	21.642	3174	3180	3190	rVB	1303946	2434731	26.58%	2.036%
99	22.919	3395	3397	3407	rVB3	297004	479652	5.24%	0.401%
100	25.007	3745	3752	3764	rVB	956550	2718909	29.68%	2.273%

Sum of corrected areas: 119599449

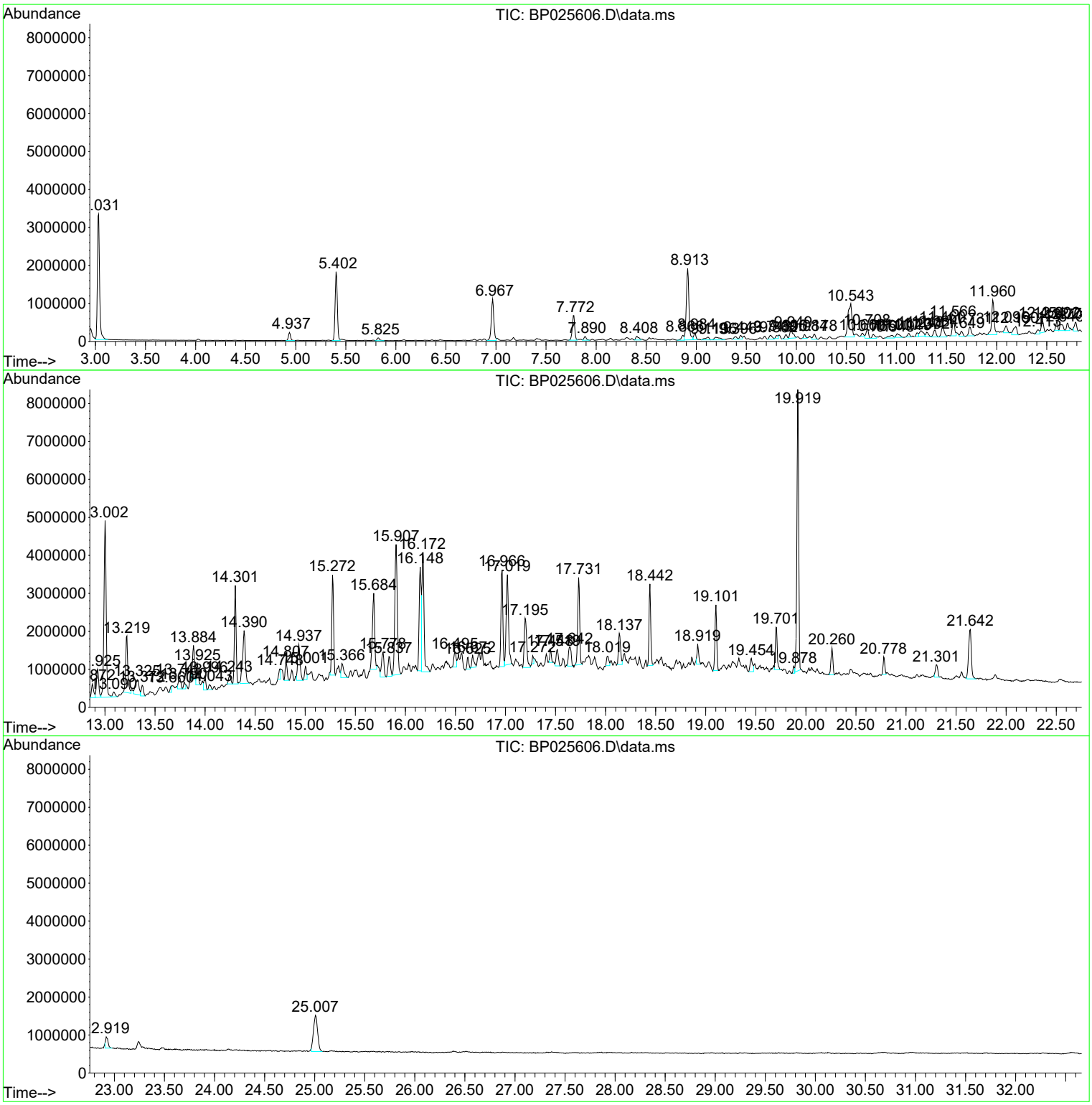
Sample Results: **BP025606.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

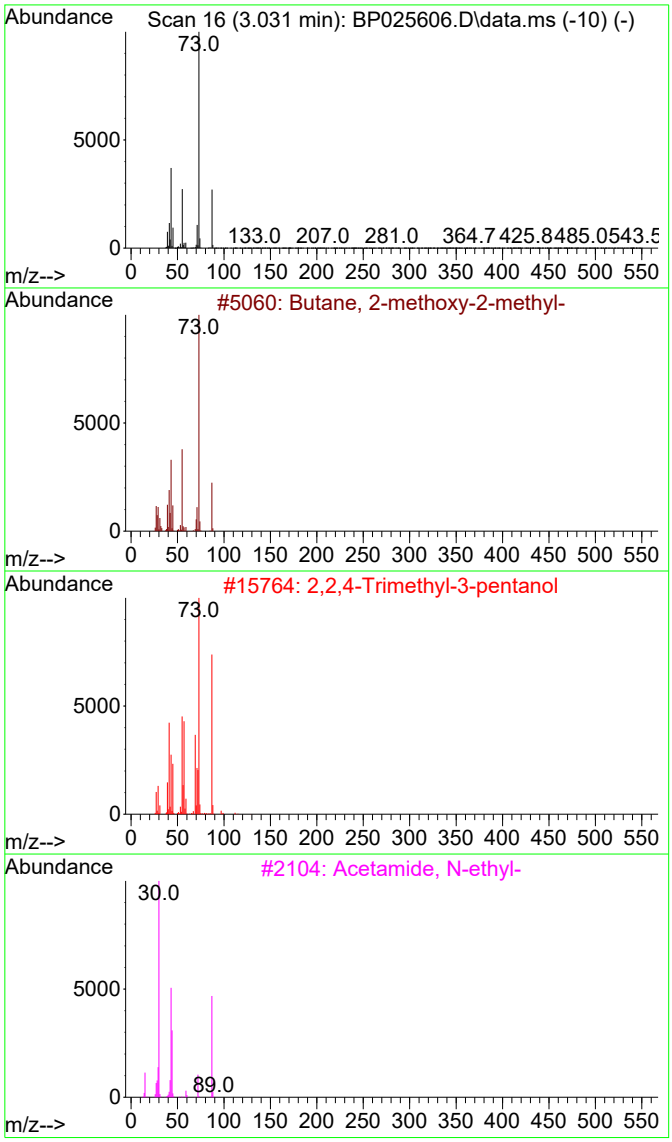
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

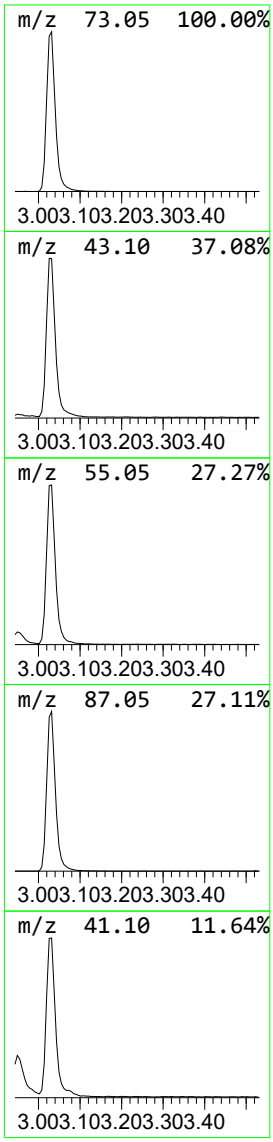
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	86.92 ng	4936570	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

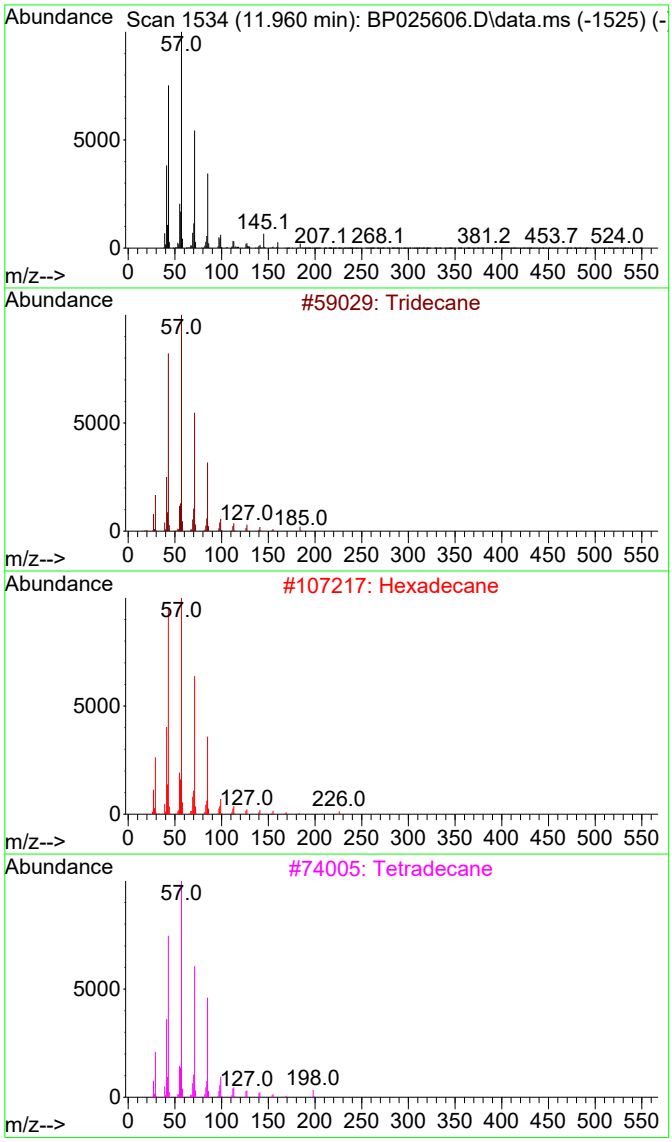
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

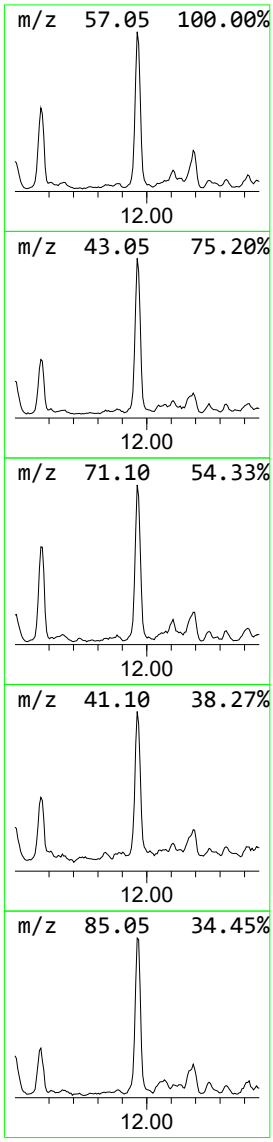
****

Peak Number 2 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.960	13.50 ng	1582720	Naphthalene-d8	10.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
5	Dodecane	170	C12H26	000112-40-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

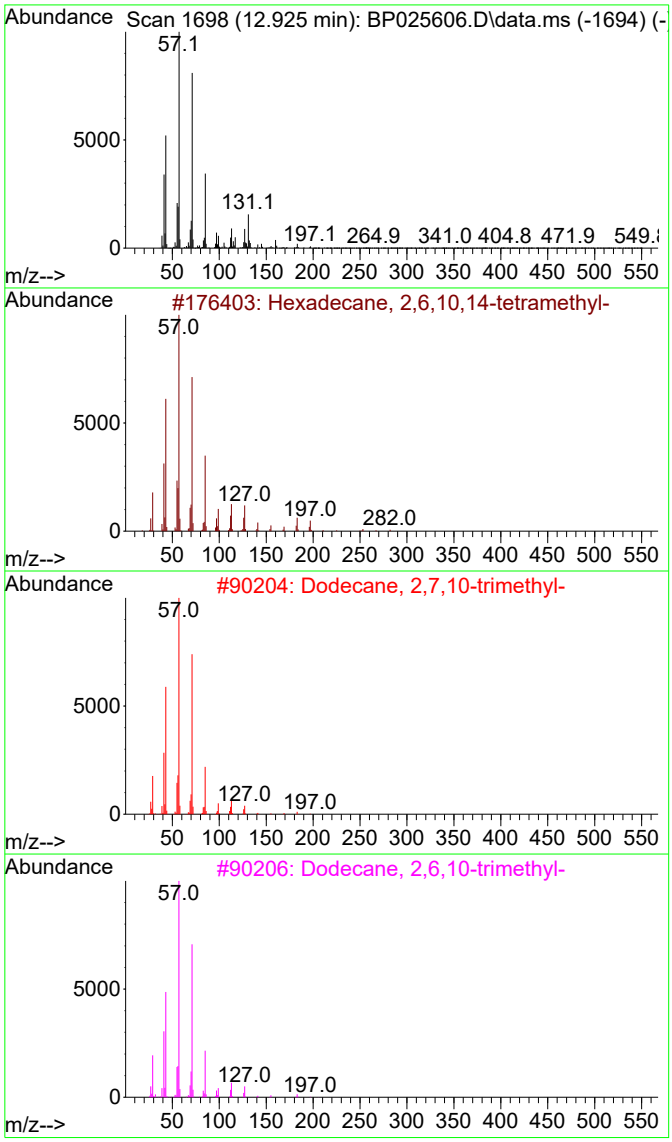
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

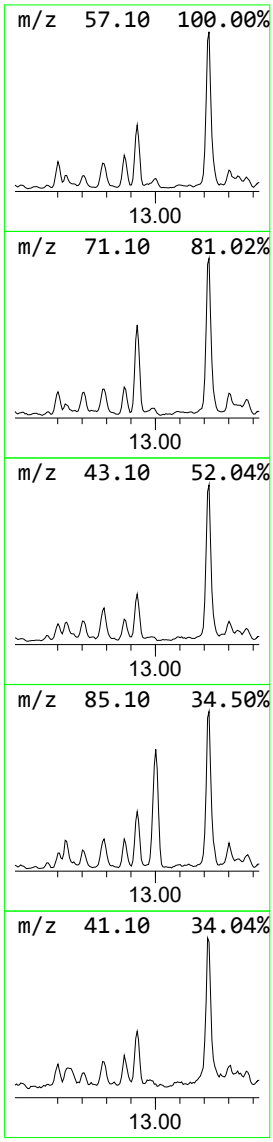
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexadecane, 2,6,10,14-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.925	8.54 ng	1135920	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Decane, 5-propyl-	184	C13H28	017312-62-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

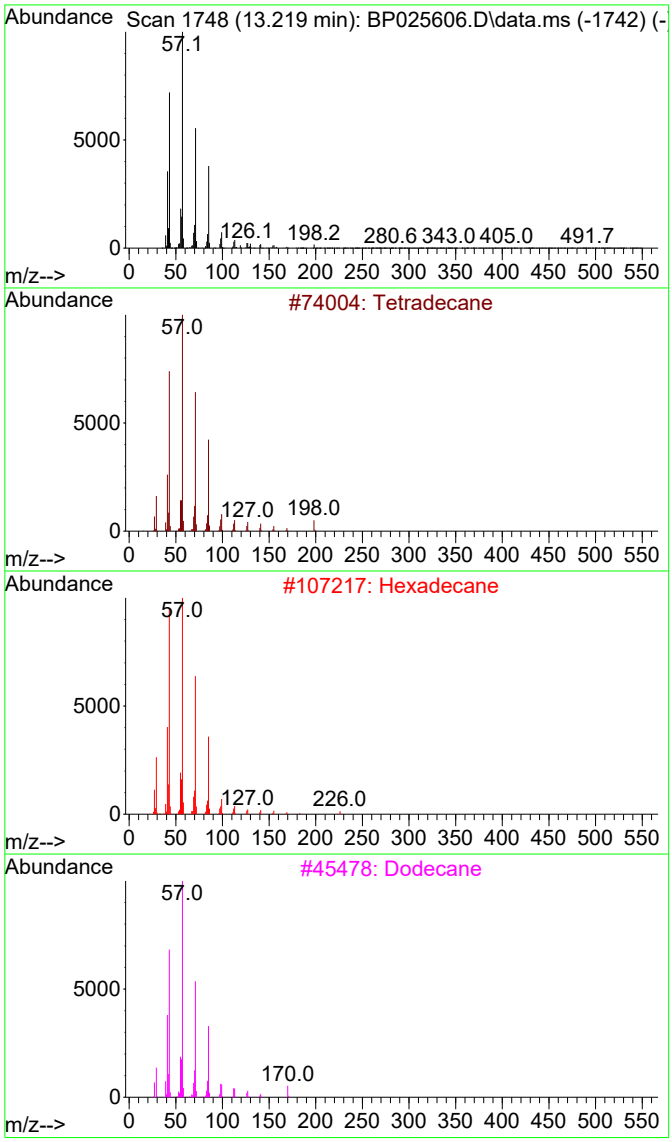
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

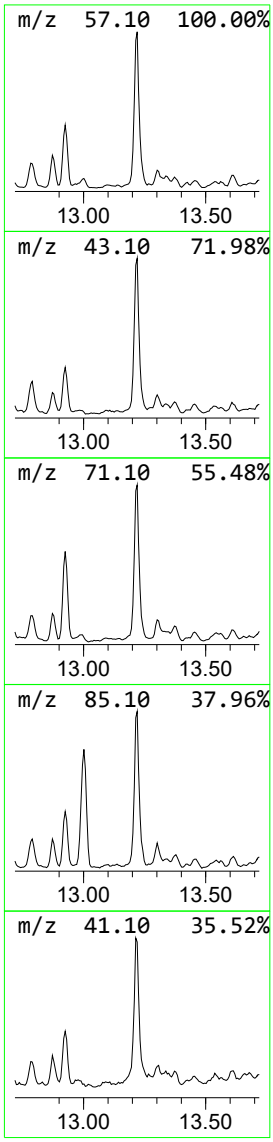
****

Peak Number 4 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.219	16.82 ng	2236810	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane	170	C12H26	000112-40-3	90
4	Undecane	156	C11H24	001120-21-4	90
5	Tridecane	184	C13H28	000629-50-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

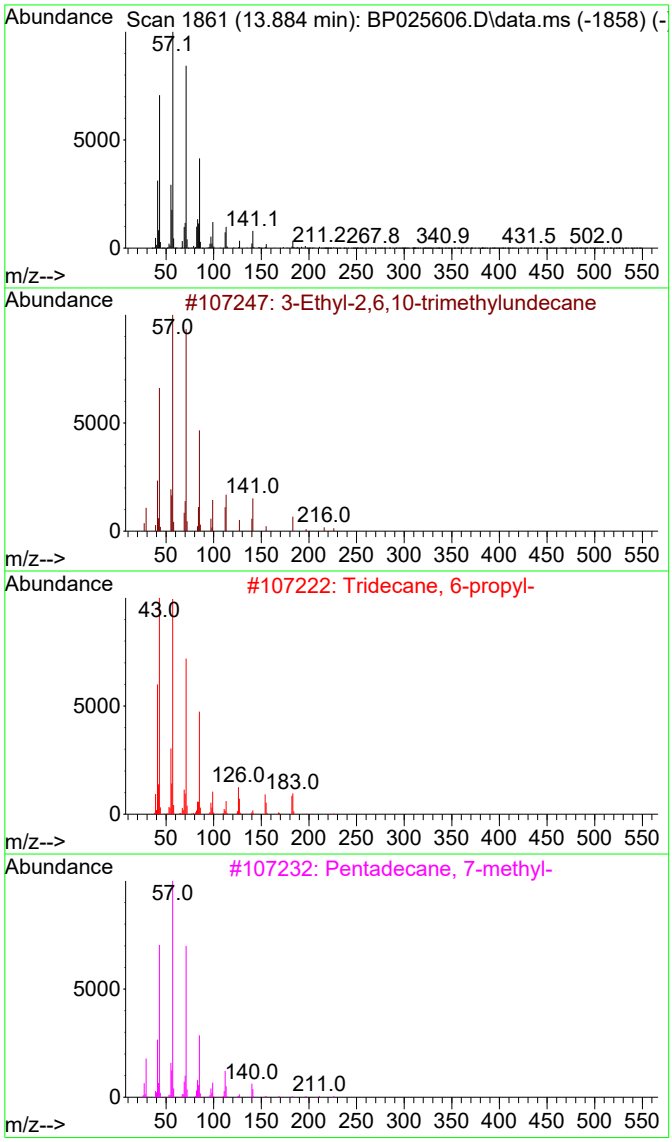
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

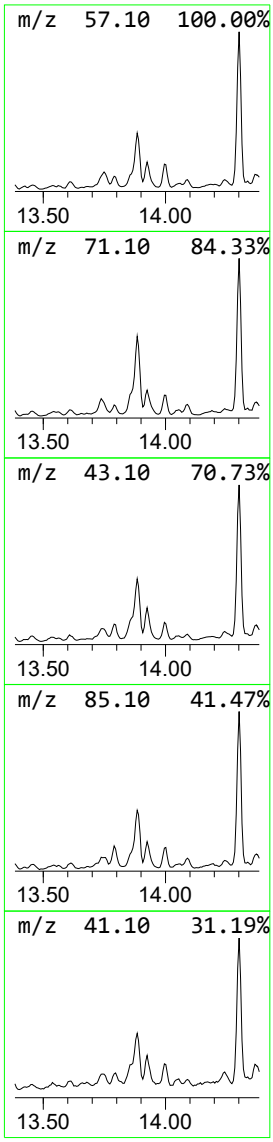
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Ethyl-2,6,10-trimethylund... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.884	8.36 ng	1111450	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	96
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

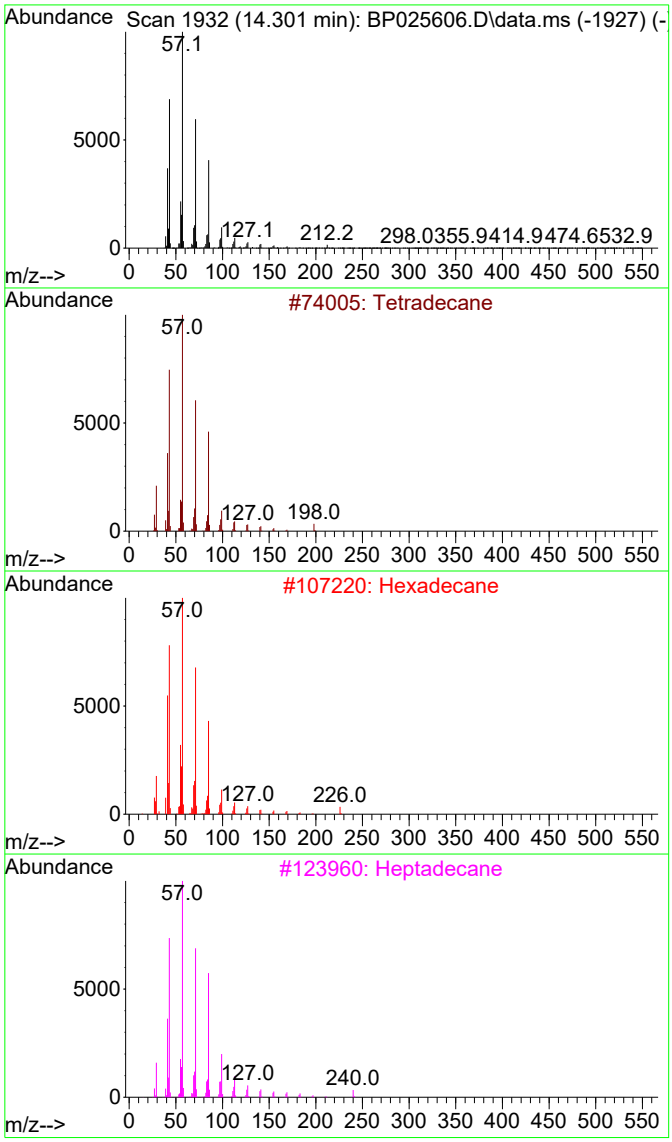
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

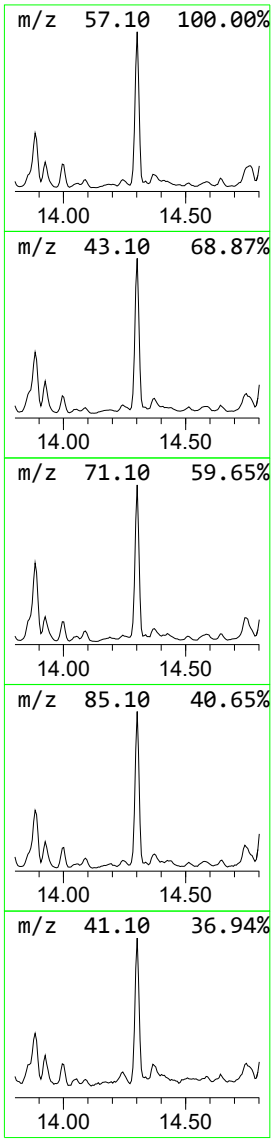
****

Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.301	22.88 ng	3042050	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	87
5	Nonadecane	268	C19H40	000629-92-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

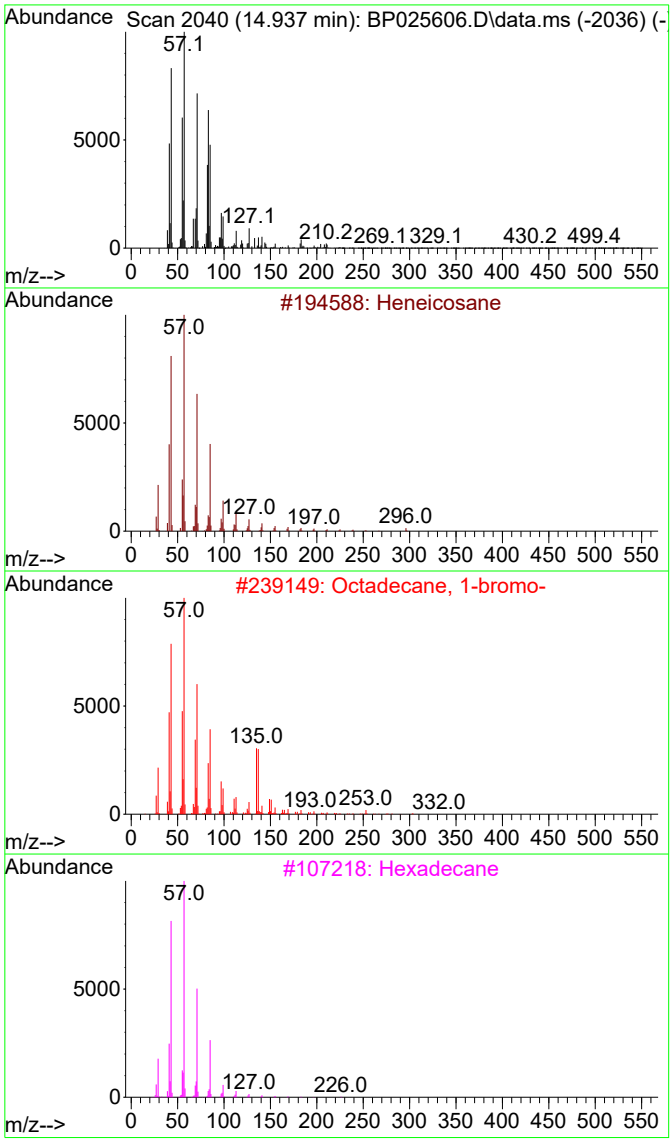
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

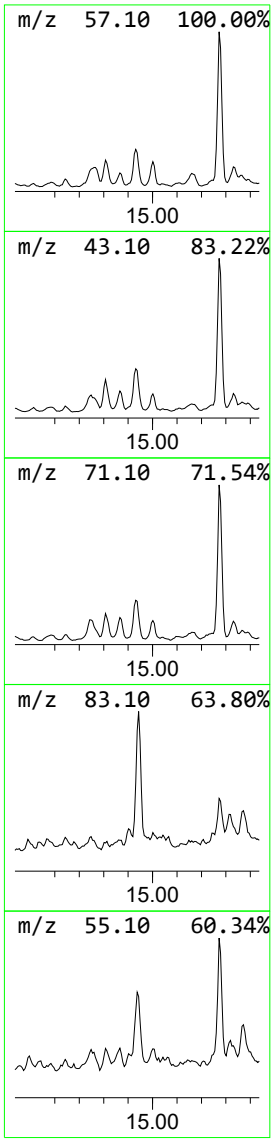
****

Peak Number 7 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.937	11.71 ng	1556840	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	58
2	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	58
3	Hexadecane	226	C16H34	000544-76-3	50
4	Nonadecane	268	C19H40	000629-92-5	49
5	Tetracosane	338	C24H50	000646-31-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

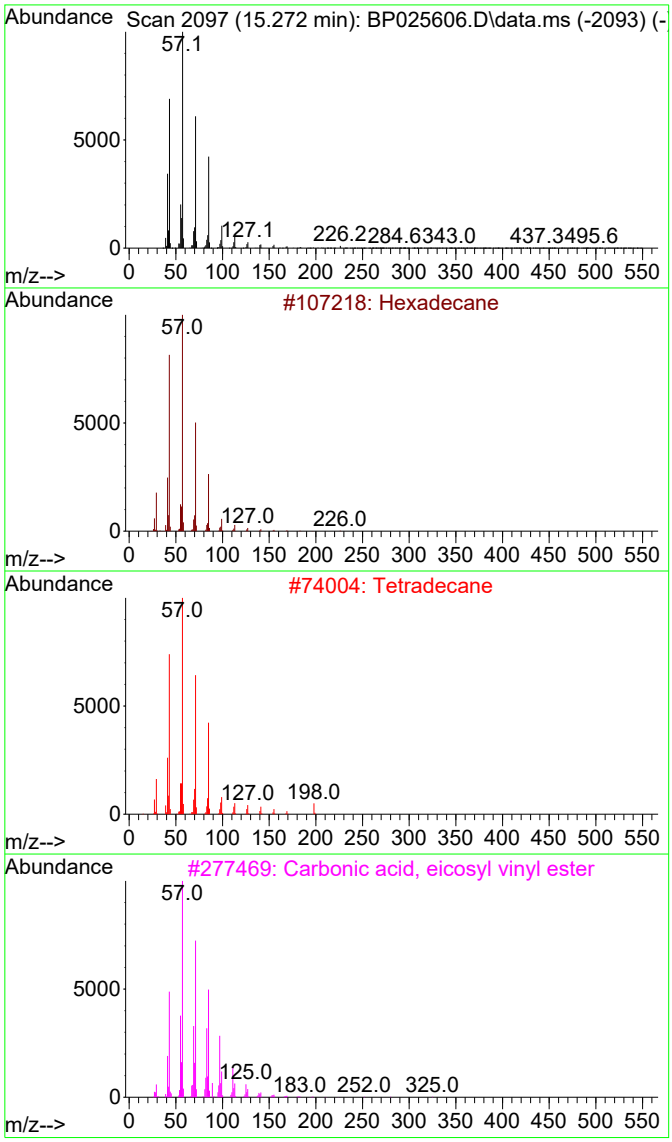
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

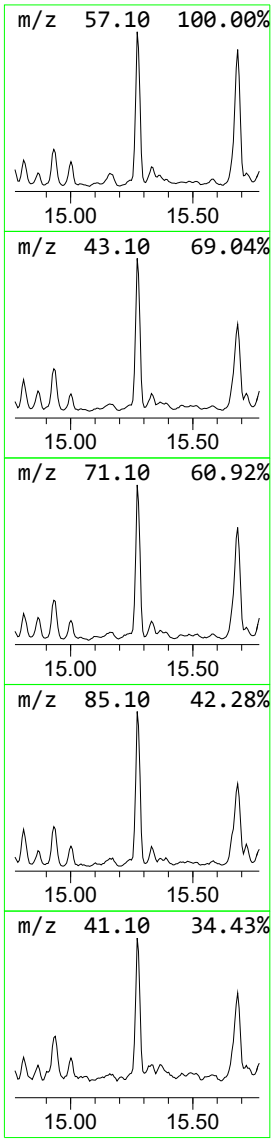
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Carbonic acid, eicosyl viny... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.272	24.32 ng	3233300	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	96
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

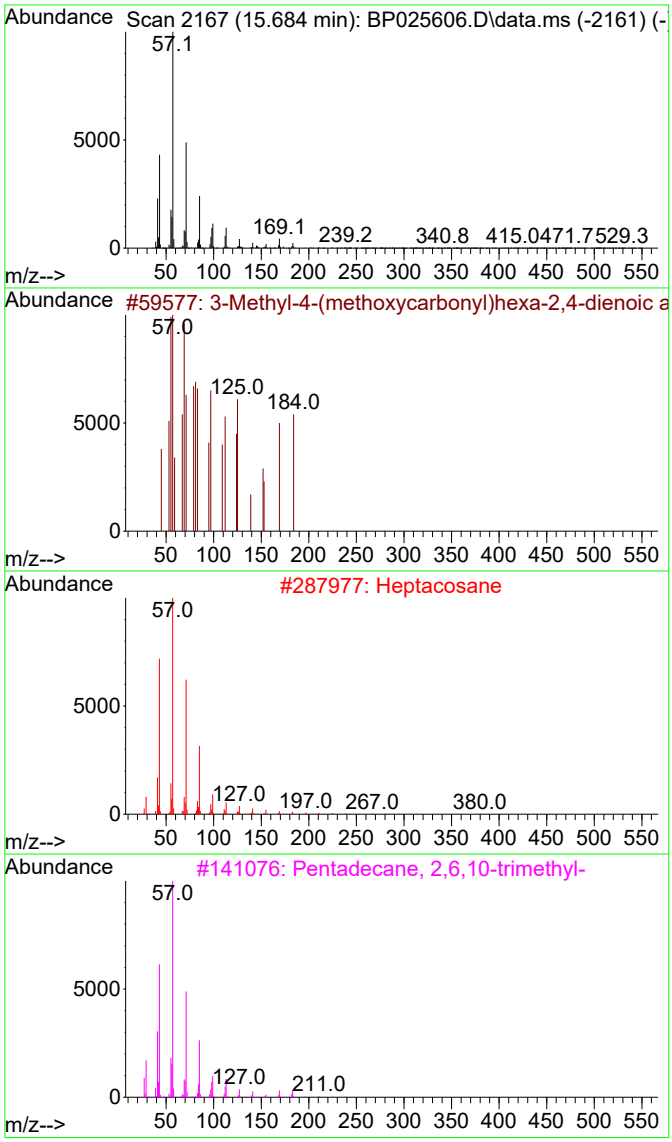
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

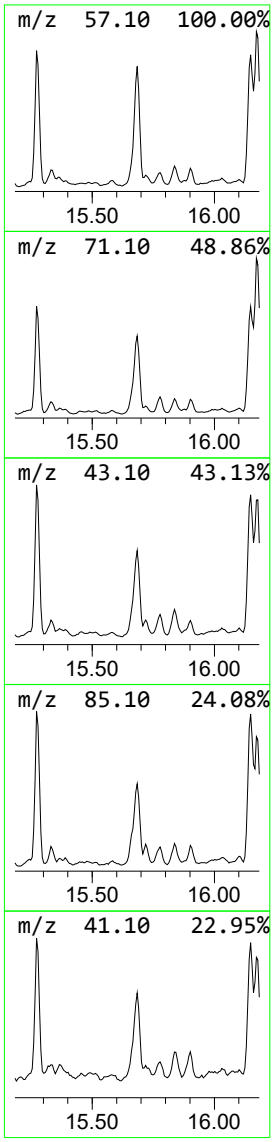
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3-Methyl-4-(methoxycarbonyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.684	23.88 ng	3175670	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	90
2	Heptacosane	380	C27H56	000593-49-7	80
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	76
4	Heneicosane	296	C21H44	000629-94-7	72
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

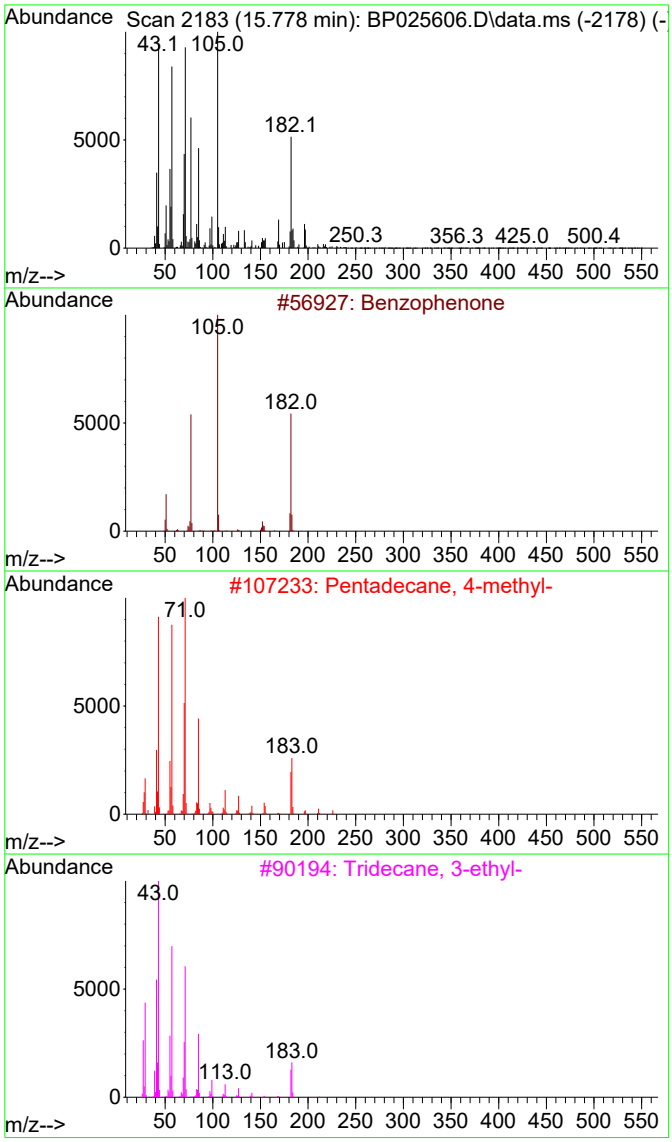
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

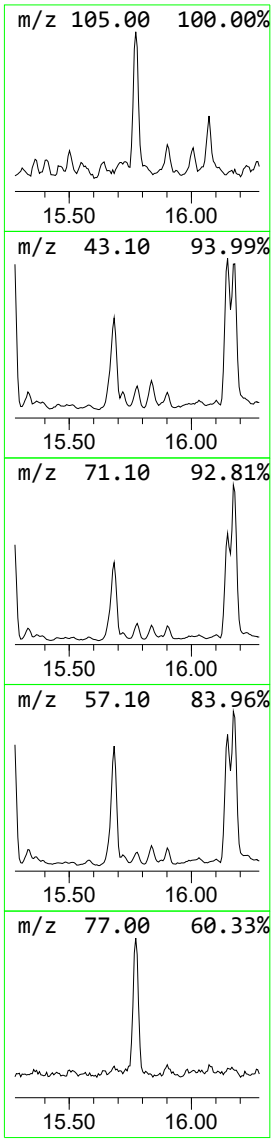
****

Peak Number 10 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	8.36 ng	1111040	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	91
2	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	49
3	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	49
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	45
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

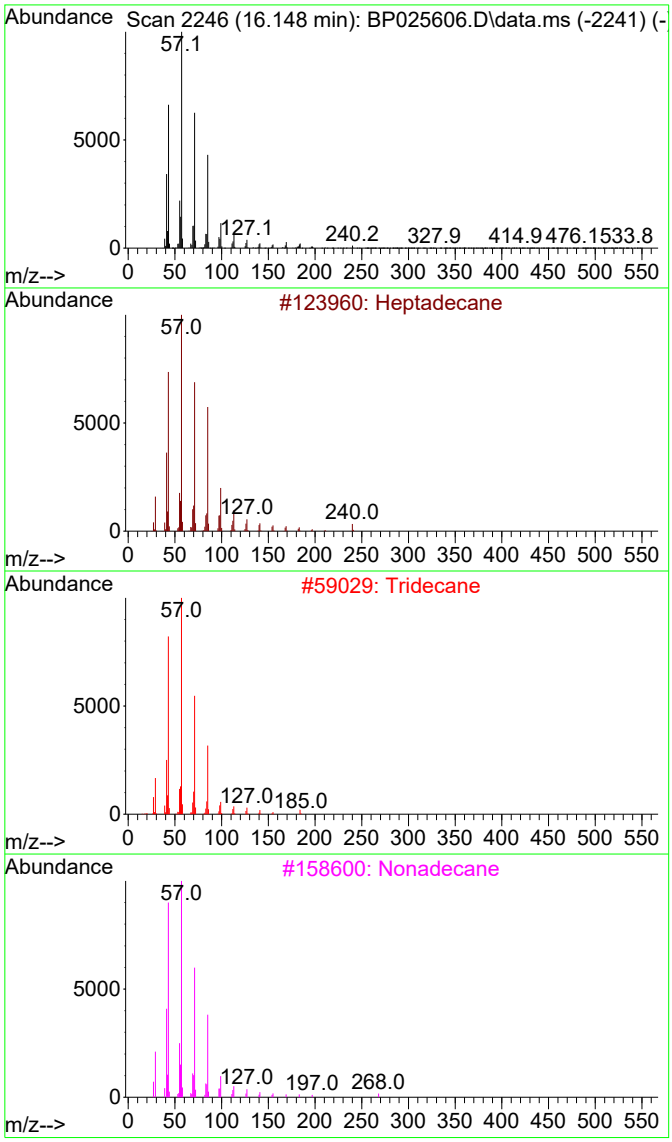
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

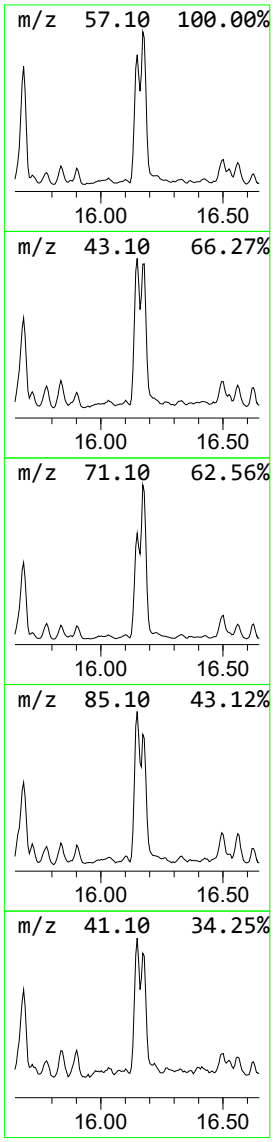
****

Peak Number 11 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.148	35.91 ng	4061970	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	94
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

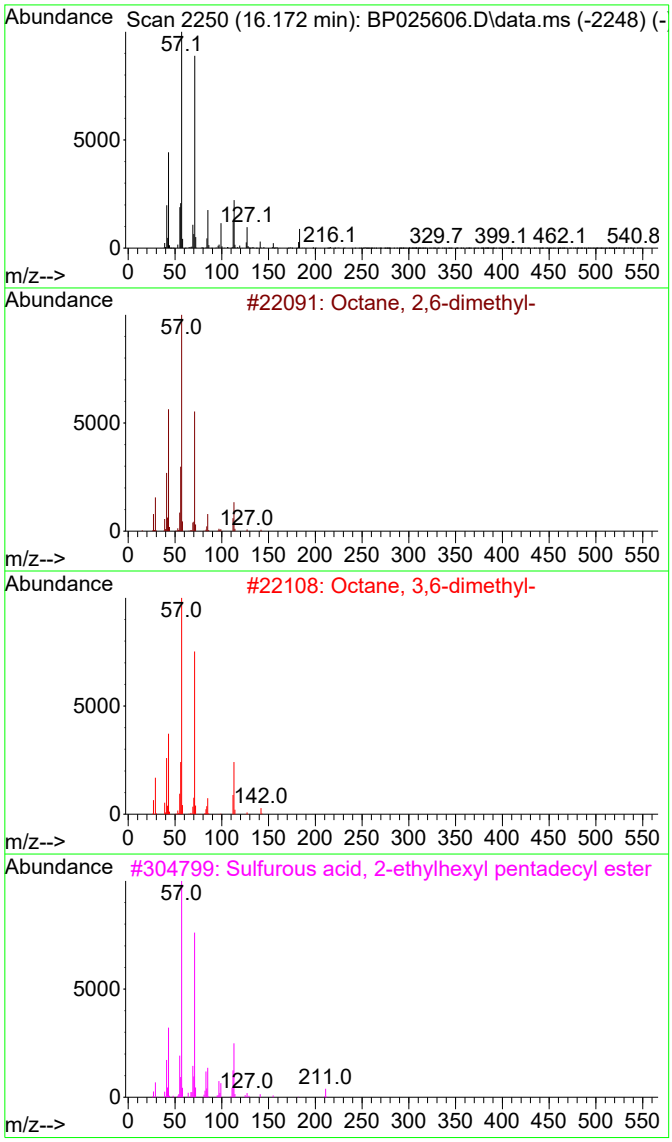
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

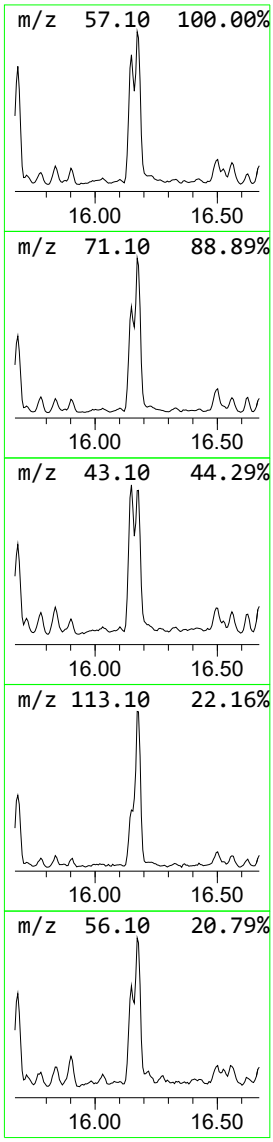
****

Peak Number 12 Octane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.172	39.87 ng	4509000	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	74
3	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	72
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

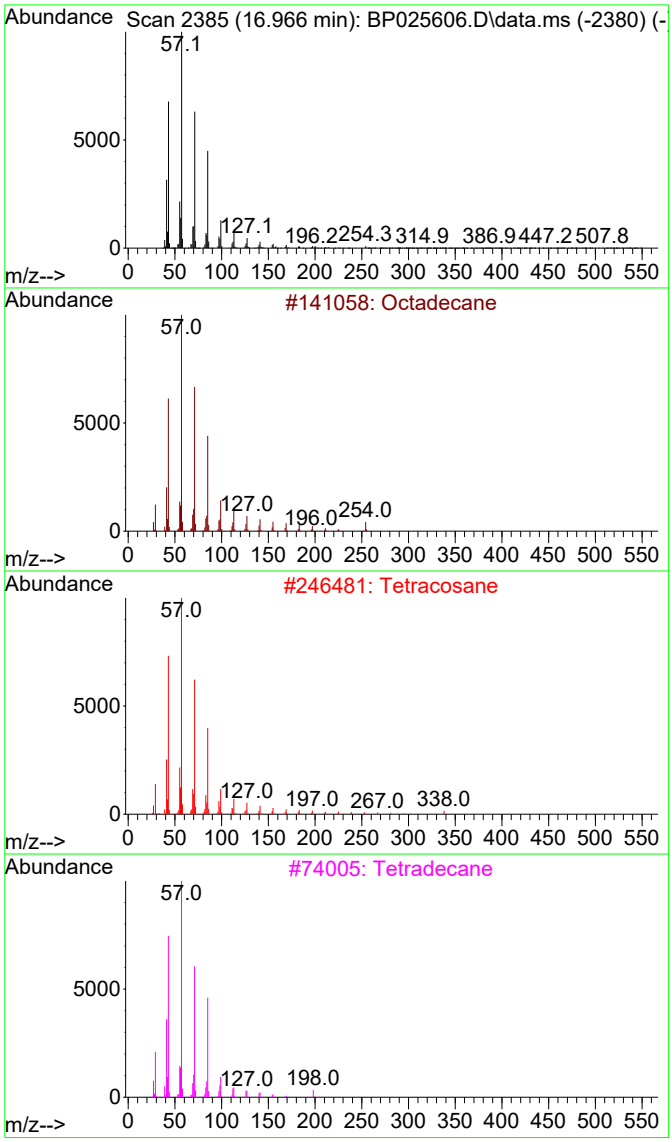
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

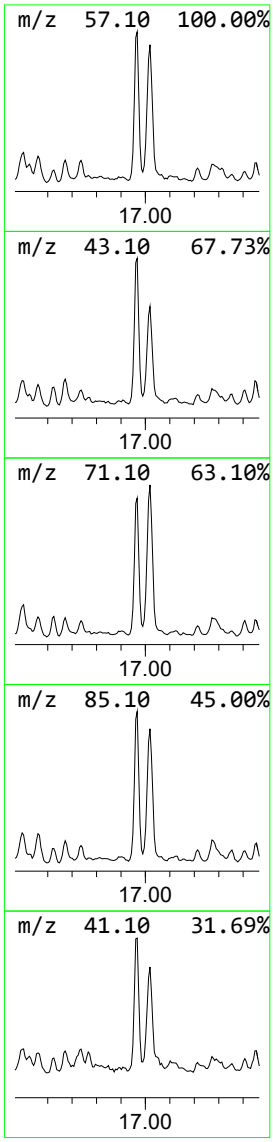
****

Peak Number 13 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.966	29.09 ng	3289680	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Dodecane	170	C12H26	000112-40-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

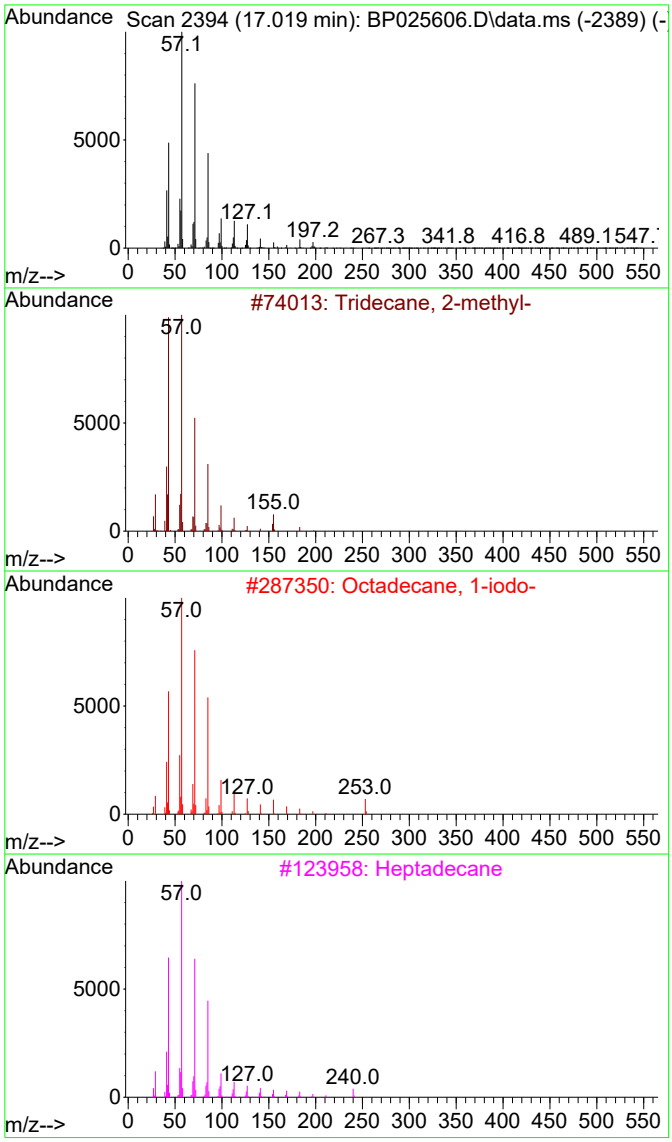
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

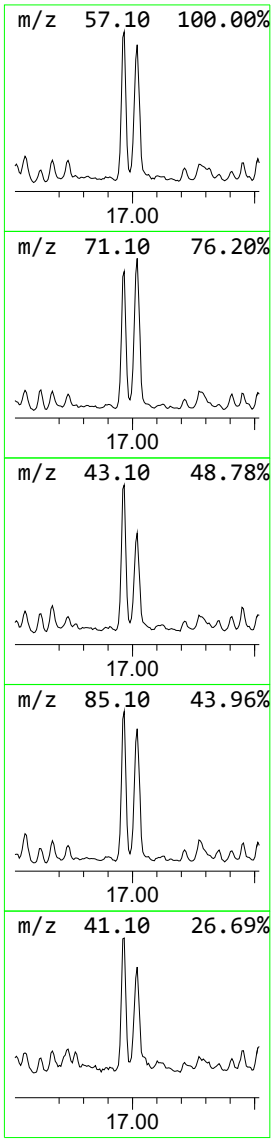
****

Peak Number 14 Tridecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.019	33.26 ng	3761660	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Hexadecane	226	C16H34	000544-76-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

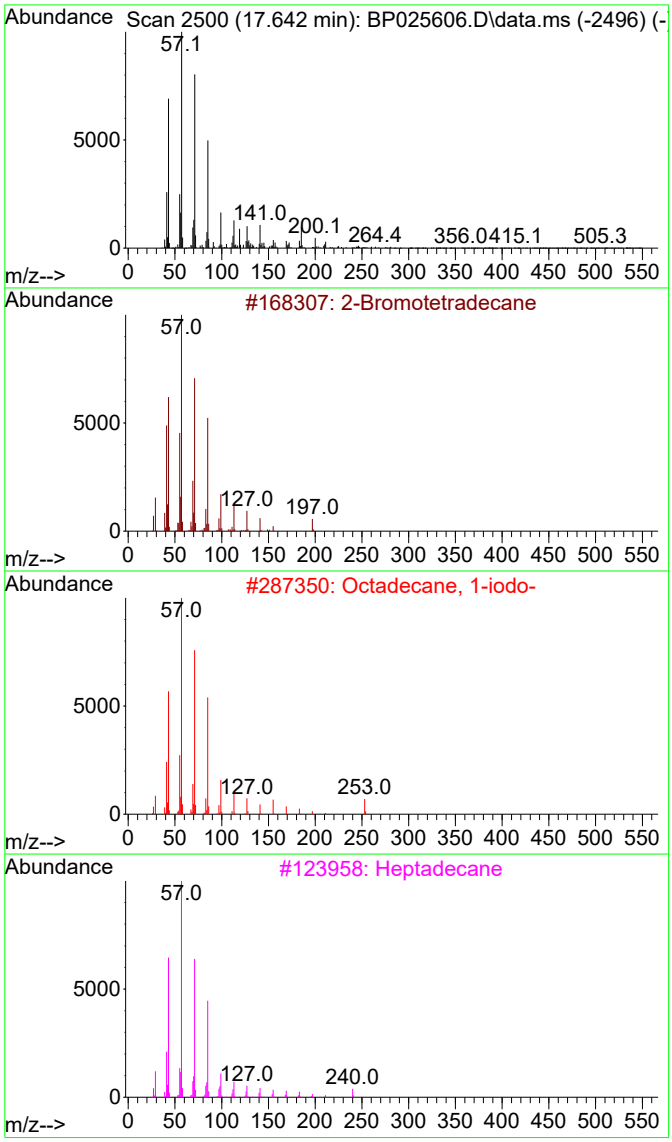
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

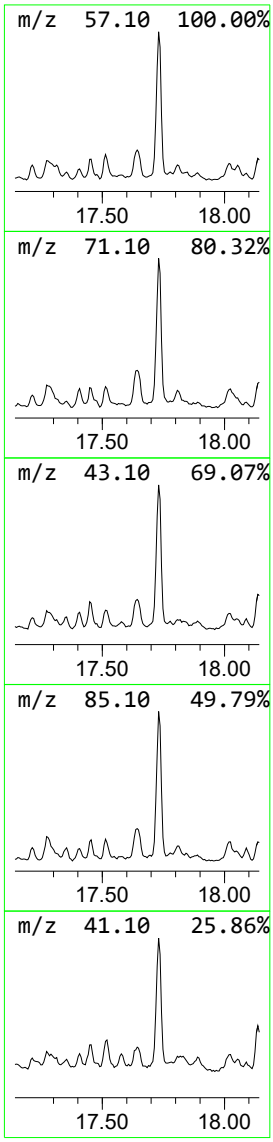
****

Peak Number 15 2-Bromotetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.642	8.27 ng	935195	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Tetratetracontane	619	C44H90	007098-22-8	86
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

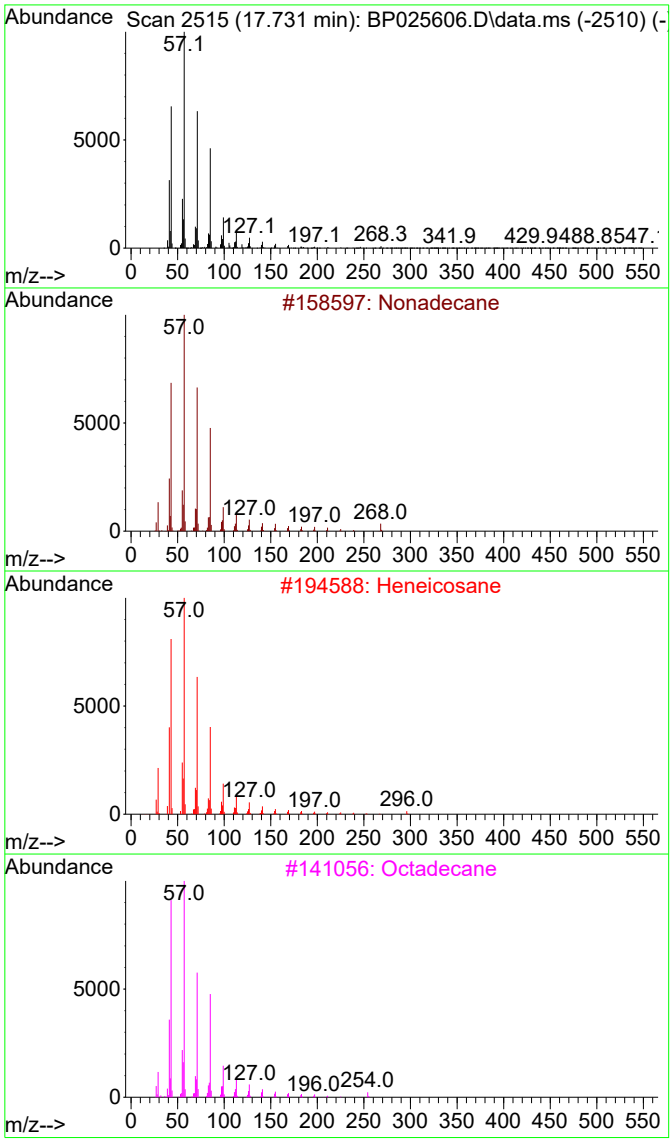
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

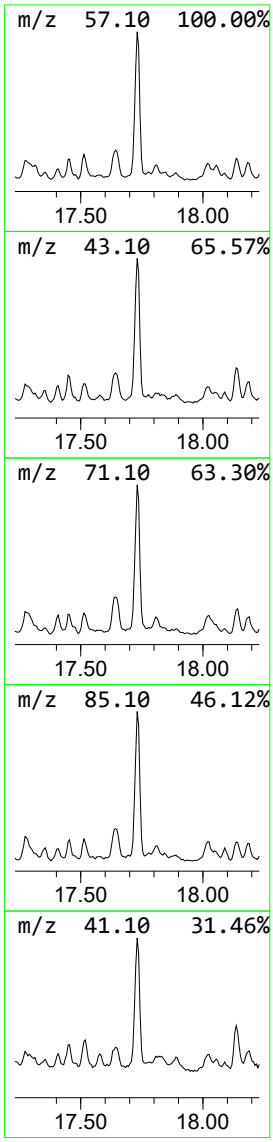
****

Peak Number 16 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.731	27.05 ng	3059160	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

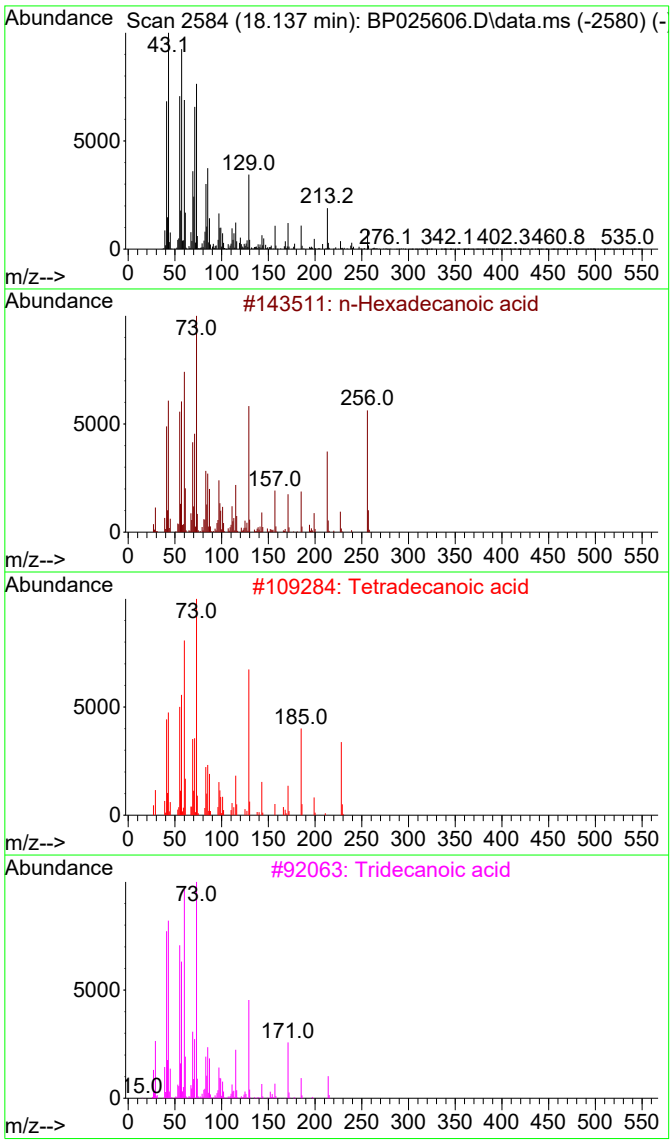
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

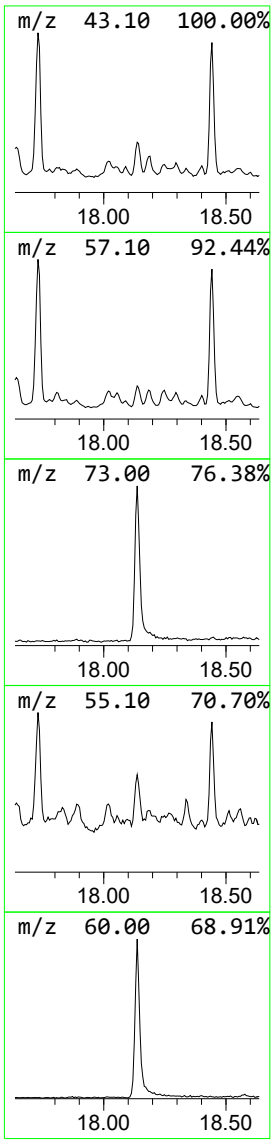
****

Peak Number 17 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.137	10.94 ng	1237510	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	60
4	Octadecanoic acid	284	C18H36O2	000057-11-4	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

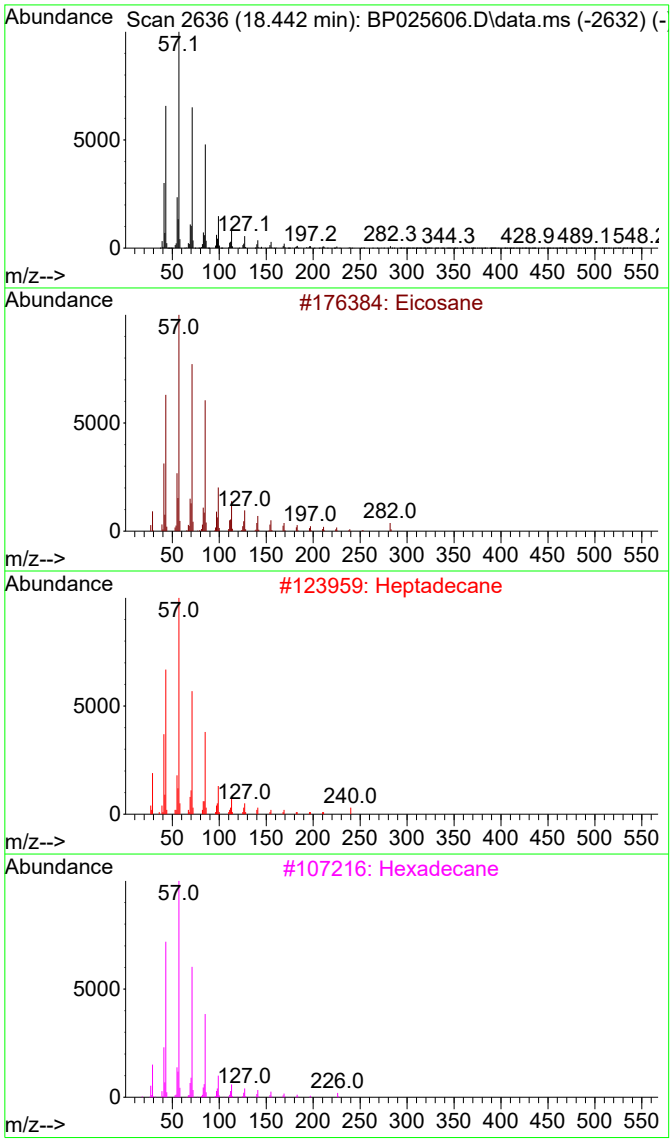
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

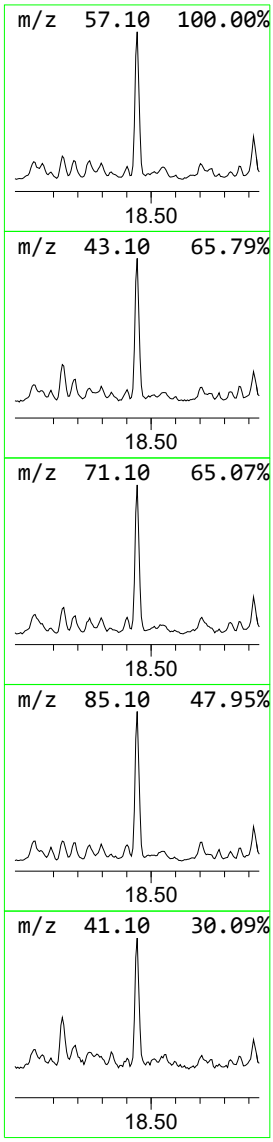
****

Peak Number 18 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.442	22.10 ng	2499280	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

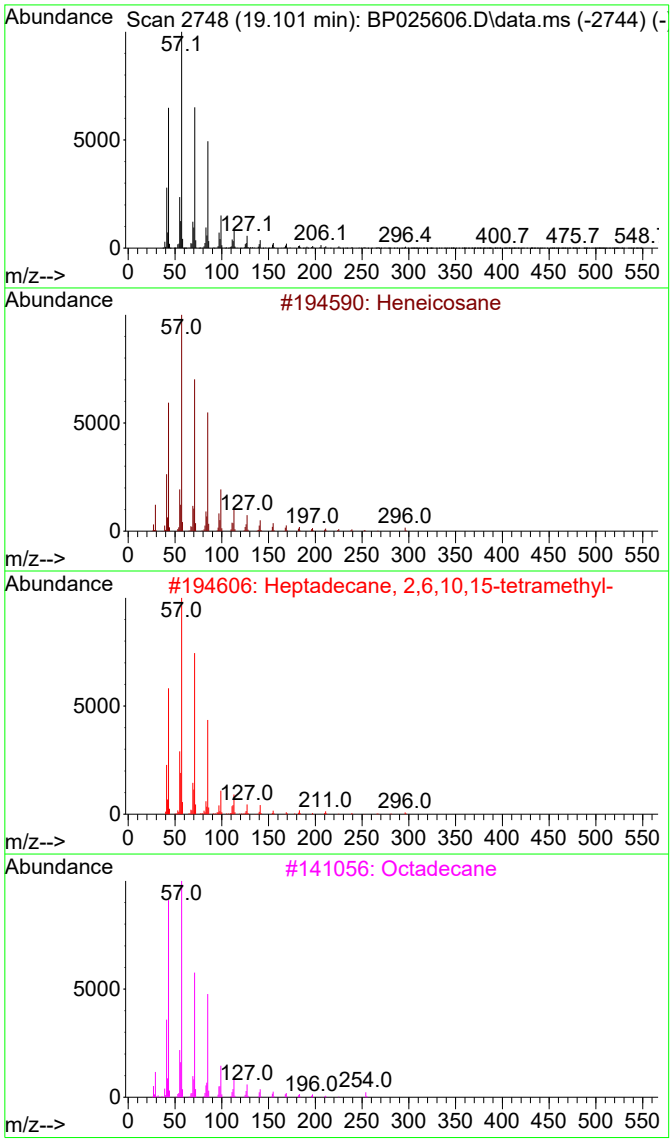
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

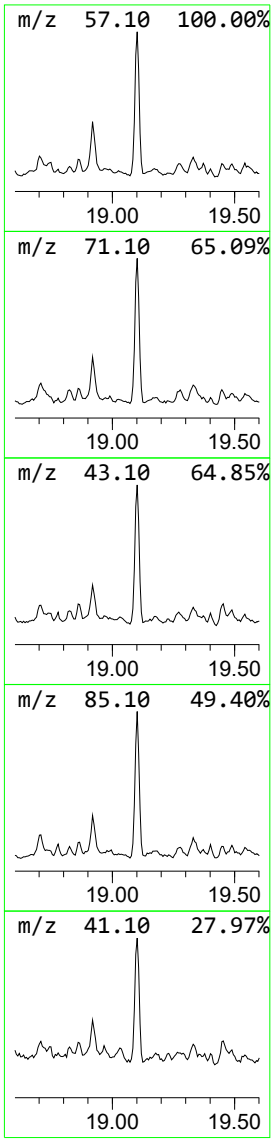
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.101	18.54 ng	2096530	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
3	Octadecane	254	C18H38	000593-45-3	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

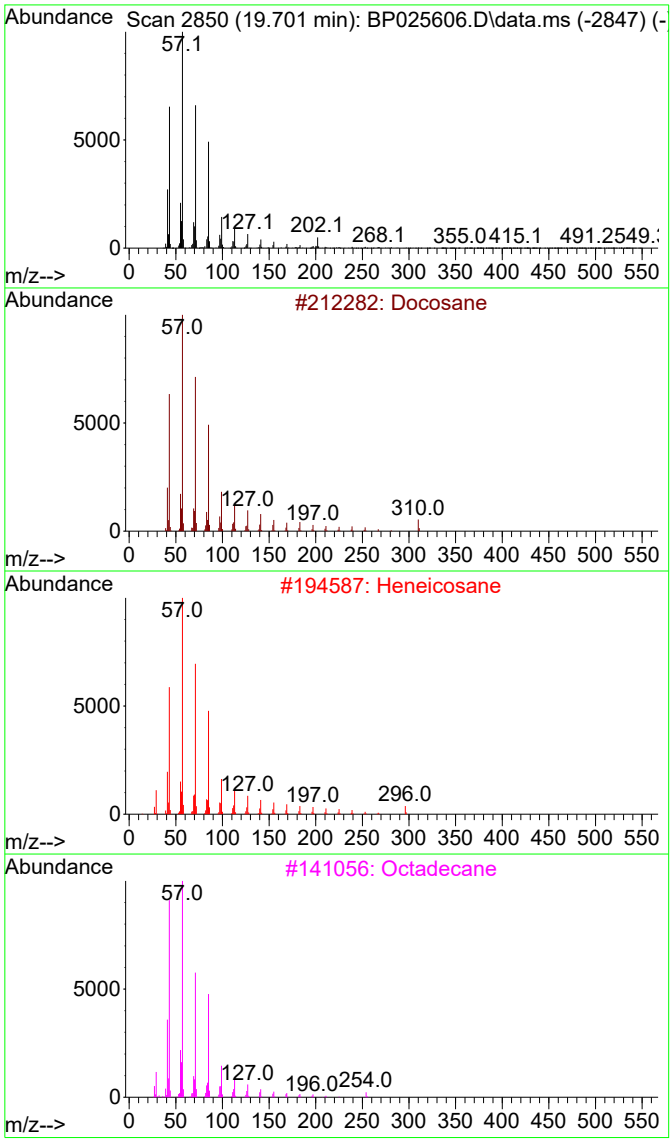
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

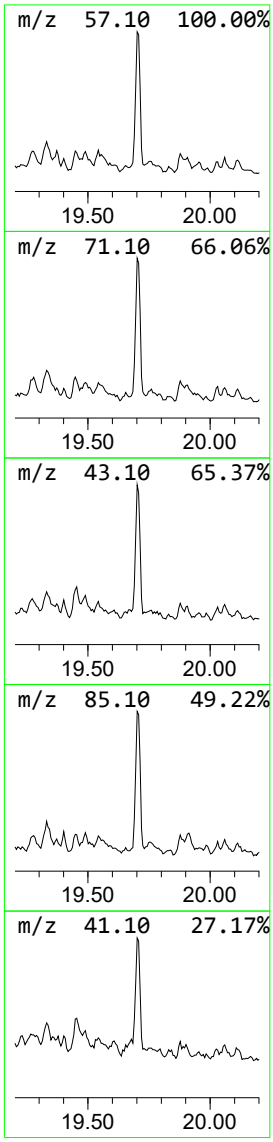
****

Peak Number 20 Docosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.701	12.56 ng	1529530	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Heneicosane	296	C21H44	000629-94-7	97
3	Octadecane	254	C18H38	000593-45-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane	282	C20H42	000112-95-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.031	86.9	ng	4936570	1	7.778	1135930	20.0
Tridecane	11.960	13.5	ng	1582720	2	10.543	2344480	20.0
Hexadecane, 2,6...	12.925	8.5	ng	1135920	3	14.390	2659290	20.0
Tetradecane	13.219	16.8	ng	2236810	3	14.390	2659290	20.0
3-Ethyl-2,6,10-...	13.884	8.4	ng	1111450	3	14.390	2659290	20.0
Hexadecane	14.301	22.9	ng	3042050	3	14.390	2659290	20.0
Heneicosane	14.937	11.7	ng	1556840	3	14.390	2659290	20.0
Carbonic acid, ...	15.272	24.3	ng	3233300	3	14.390	2659290	20.0
3-Methyl-4-(met...	15.684	23.9	ng	3175670	3	14.390	2659290	20.0
Benzophenone	15.778	8.4	ng	1111040	3	14.390	2659290	20.0
Heptadecane	16.148	35.9	ng	4061970	4	17.195	2262020	20.0
Octane, 2,6-dim...	16.172	39.9	ng	4509000	4	17.195	2262020	20.0
Octadecane	16.966	29.1	ng	3289680	4	17.195	2262020	20.0
Tridecane, 2-me...	17.019	33.3	ng	3761660	4	17.195	2262020	20.0
2-Bromotetradecane	17.642	8.3	ng	935195	4	17.195	2262020	20.0
Nonadecane	17.731	27.1	ng	3059160	4	17.195	2262020	20.0
n-Hexadecanoic ...	18.137	10.9	ng	1237510	4	17.195	2262020	20.0
Eicosane	18.442	22.1	ng	2499280	4	17.195	2262020	20.0
Heptadecane, 2,...	19.101	18.5	ng	2096530	4	17.195	2262020	20.0
Docosane	19.701	12.6	ng	1529530	5	21.642	2434730	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Quant Time: Aug 25 13:15:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

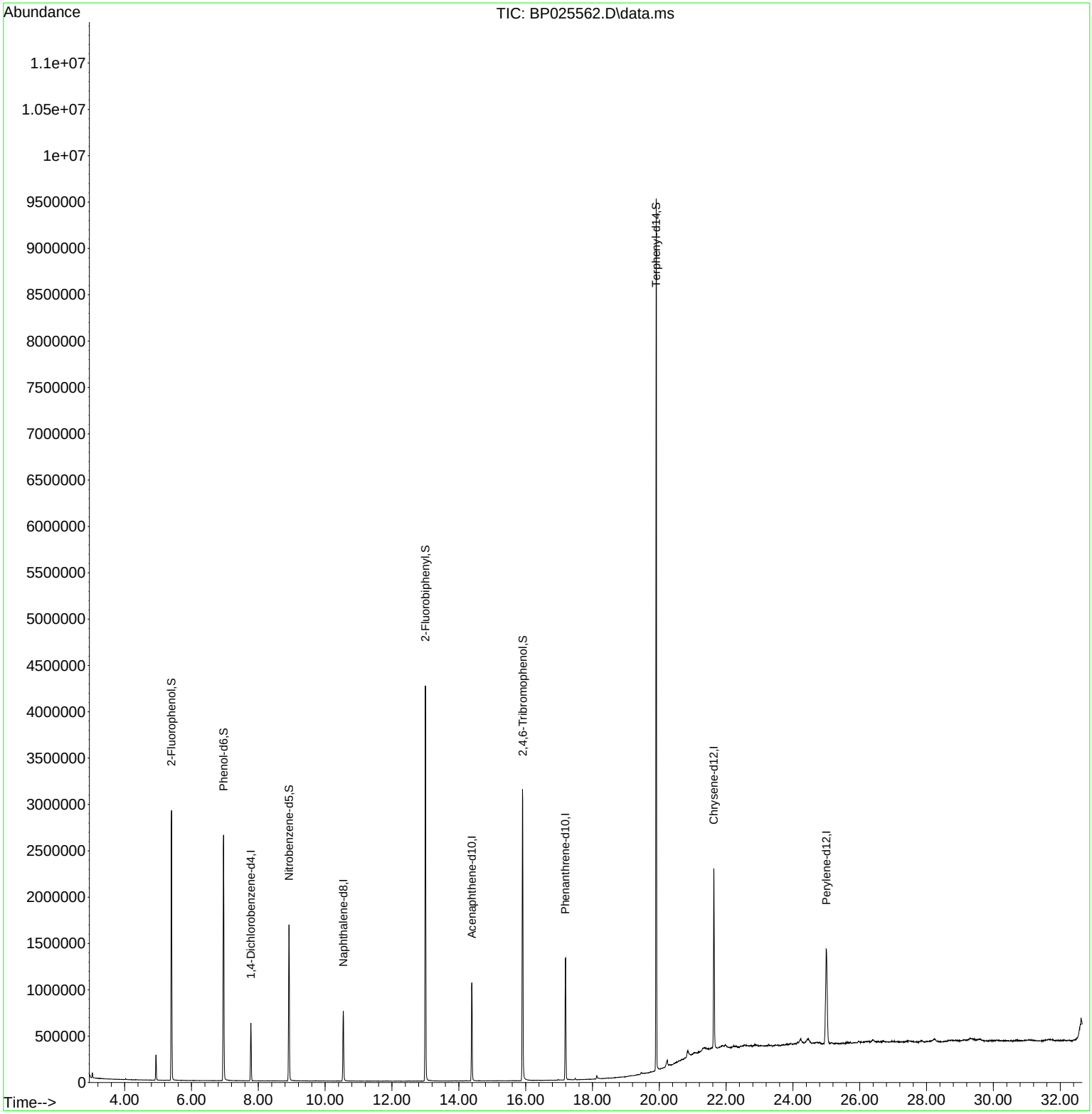
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	173347	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	665603	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	424932	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	890876	20.000	ng	#-0.01
76) Chrysene-d12	21.630	240	1139399	20.000	ng	-0.02
86) Perylene-d12	25.001	264	1287992	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1305735	125.092	ng	0.00
7) Phenol-d6	6.960	99	1606270	120.026	ng	0.00
23) Nitrobenzene-d5	8.919	82	997167	75.784	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	703438	122.987	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2279423	73.312	ng	-0.02
79) Terphenyl-d14	19.907	244	4365584	70.100	ng	-0.01
Target Compounds						Qvalue

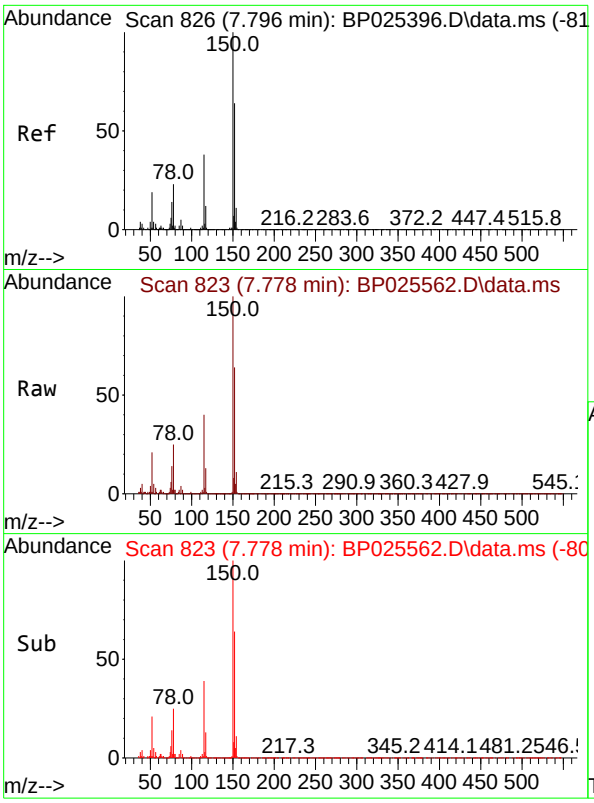
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Quant Time: Aug 25 13:15:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



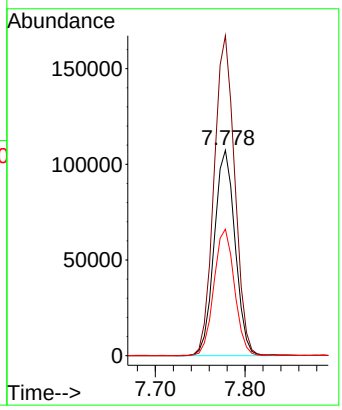


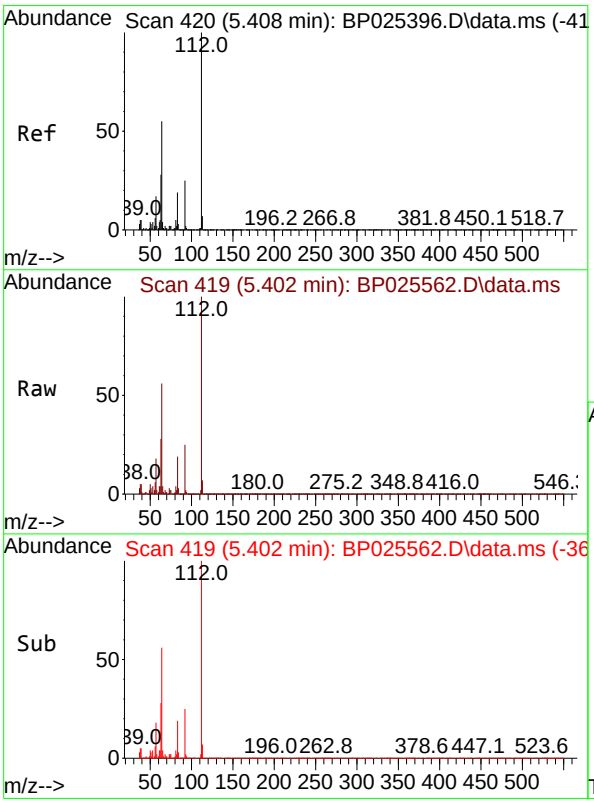
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion:152 Resp: 173347

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.9	188.9
115	61.6	48.5	72.7

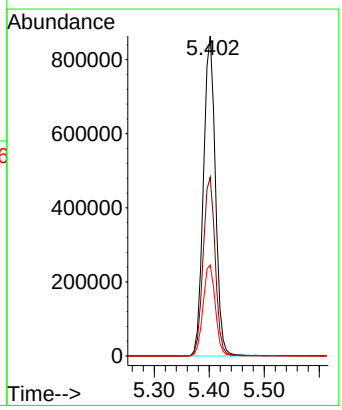


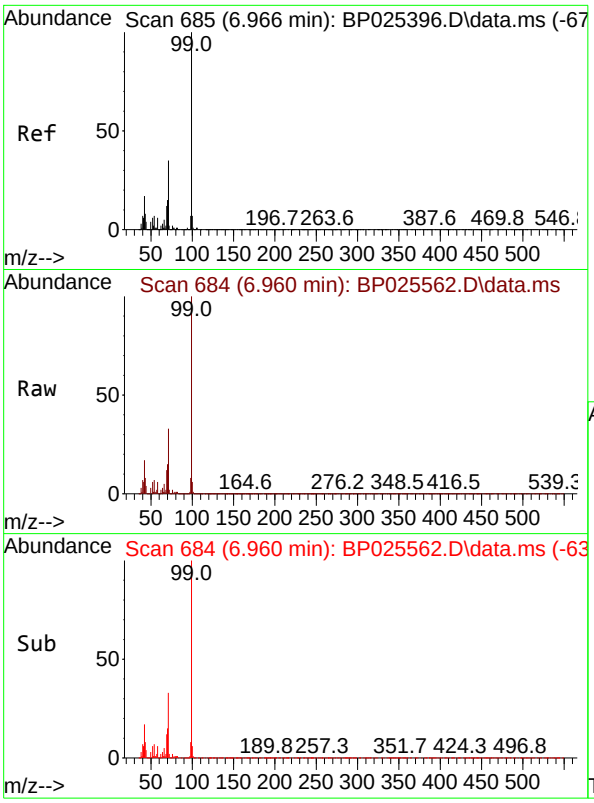


#5
2-Fluorophenol
Concen: 125.092 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:112 Resp: 1305735

Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.8	65.8
63	28.5	22.7	34.1



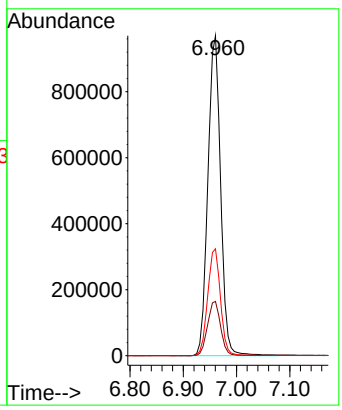


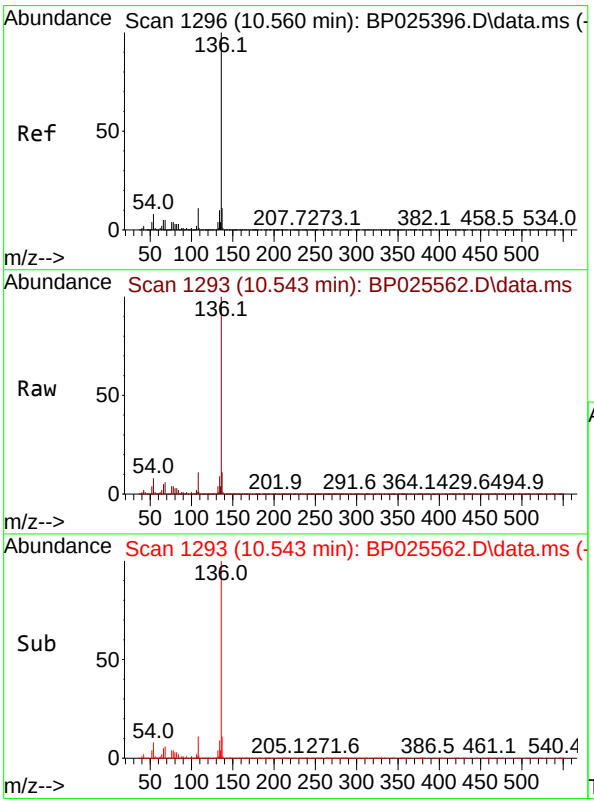
#7
Phenol-d6
Concen: 120.026 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion: 99 Resp: 1606270

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.7	20.5
71	33.4	28.2	42.4

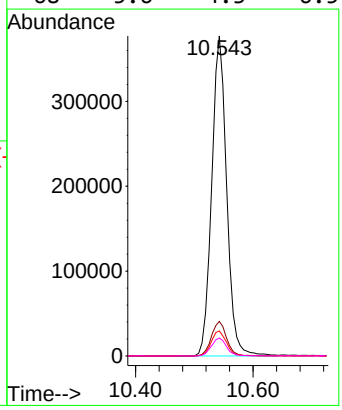


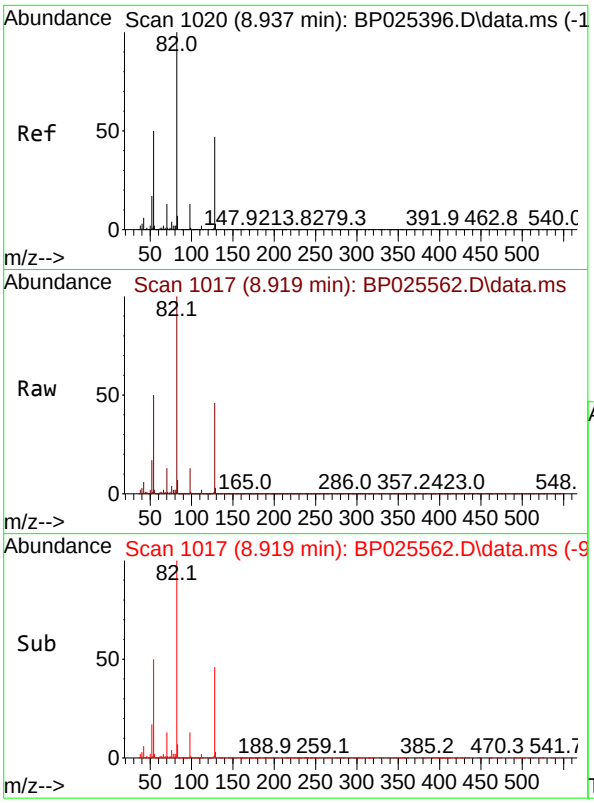


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:136 Resp: 665603

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.8	6.0	9.0
68	5.6	4.3	6.5



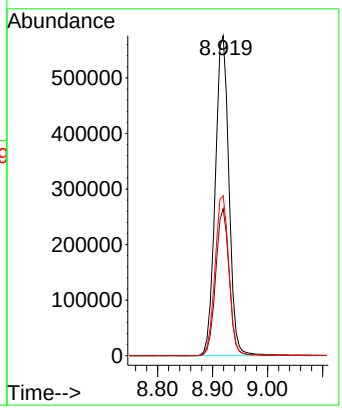


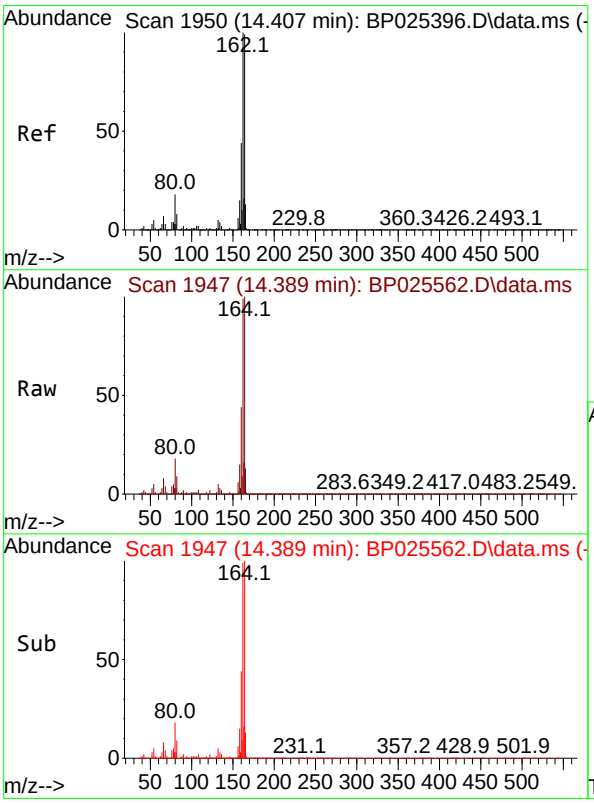
#23
Nitrobenzene-d5
Concen: 75.784 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion: 82 Resp: 997167

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.7	56.5
54	50.0	39.8	59.6

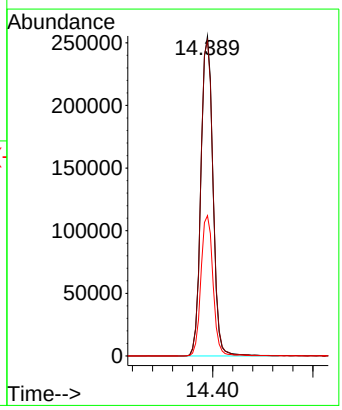


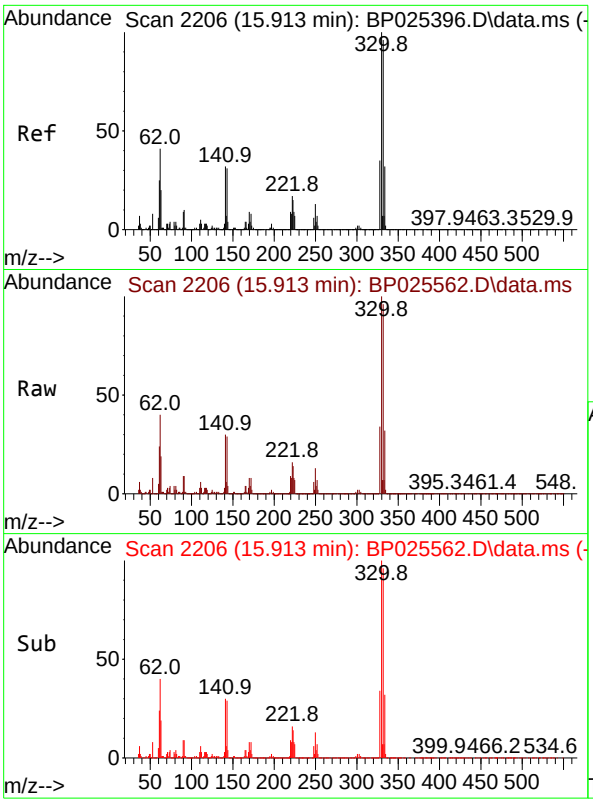


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:164 Resp: 424932

Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.0	121.6
160	43.8	35.4	53.2



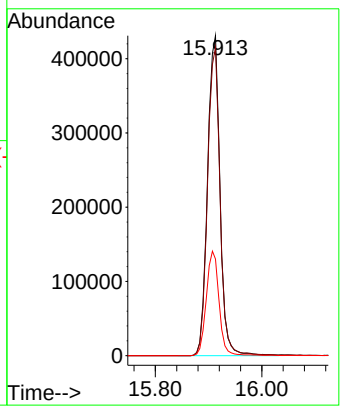


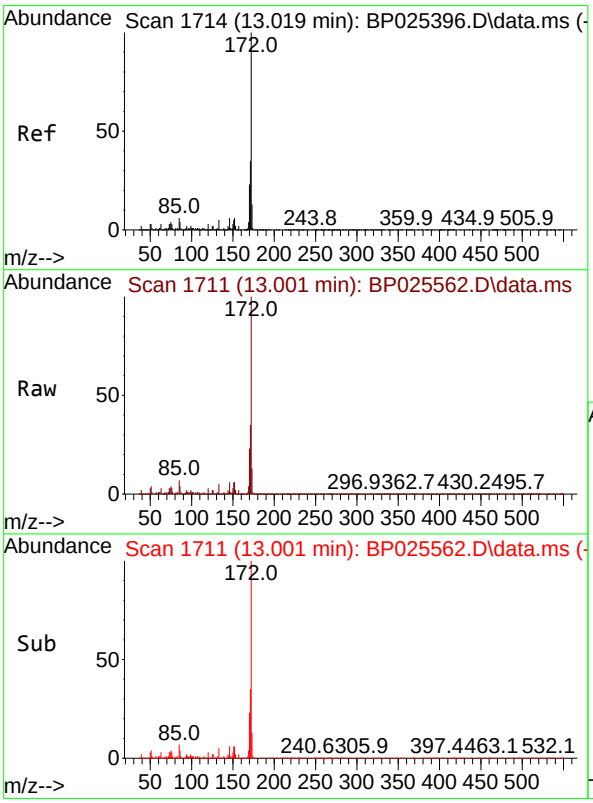
#42
2,4,6-Tribromophenol
Concen: 122.987 ng
RT: 15.913 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion:330 Resp: 703438

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	33.4	26.6	39.8

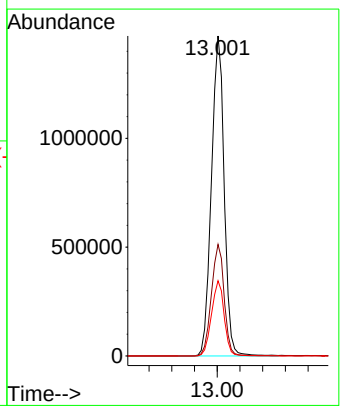


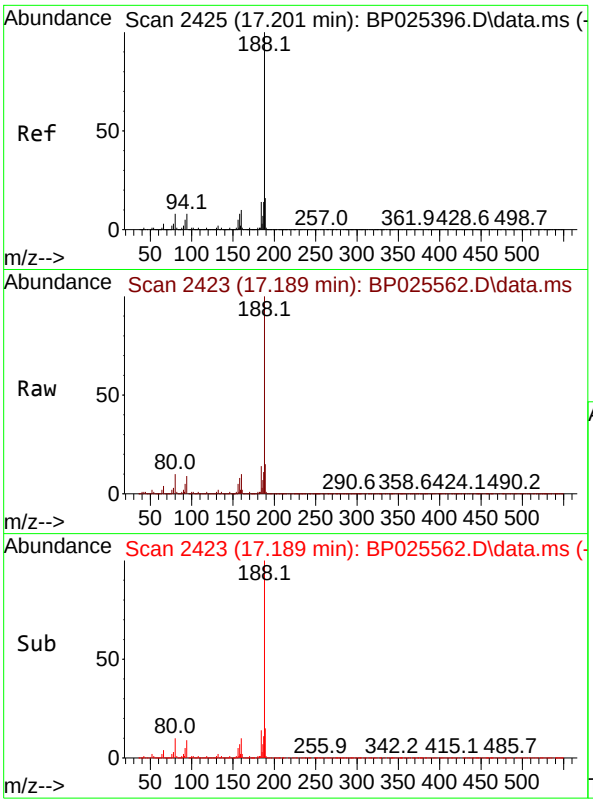


#45
2-Fluorobiphenyl
Concen: 73.312 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:172 Resp: 2279423

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.5	18.6	28.0



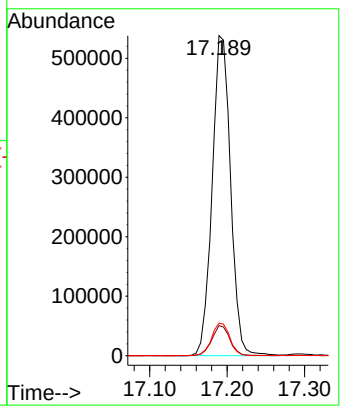


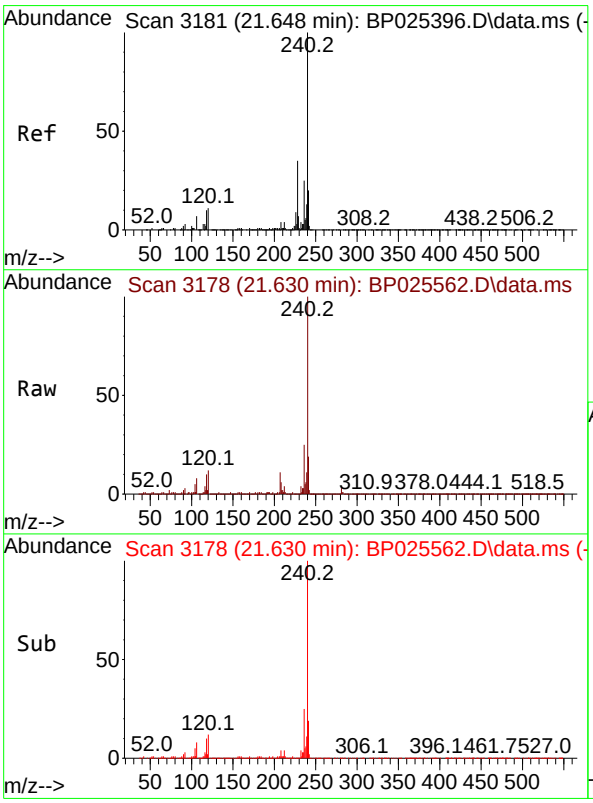
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion:188 Resp: 890876

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.6	10.0
80	10.2	6.7	10.1#

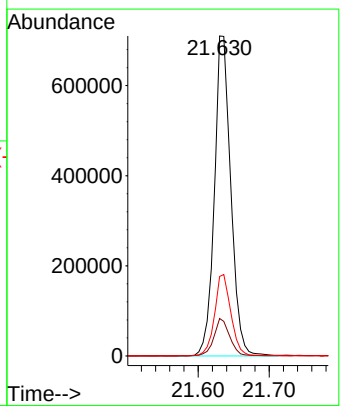


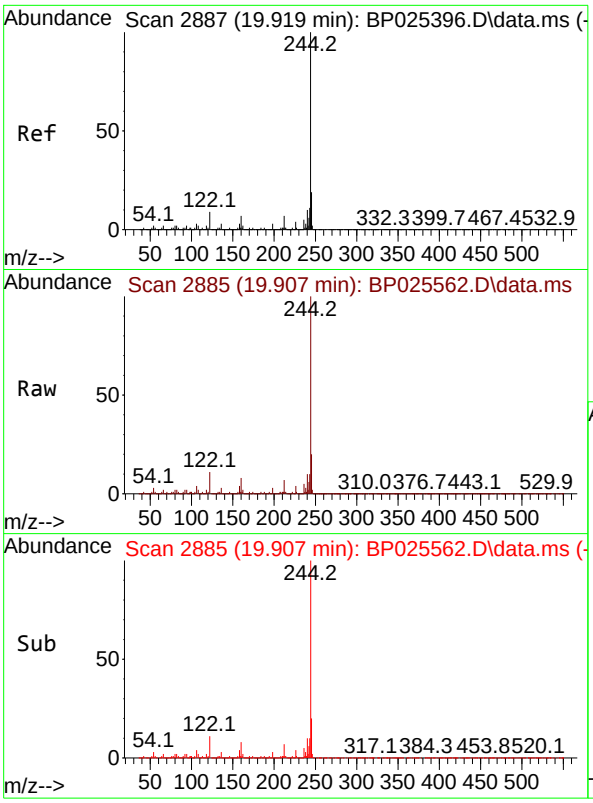


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:240 Resp: 1139399

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.9	13.3
236	24.9	19.8	29.8



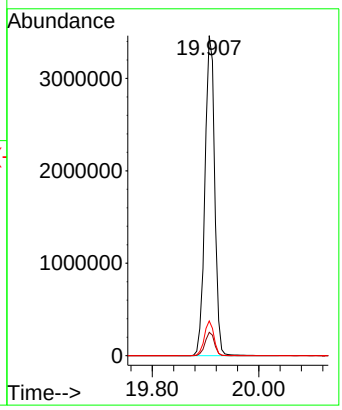


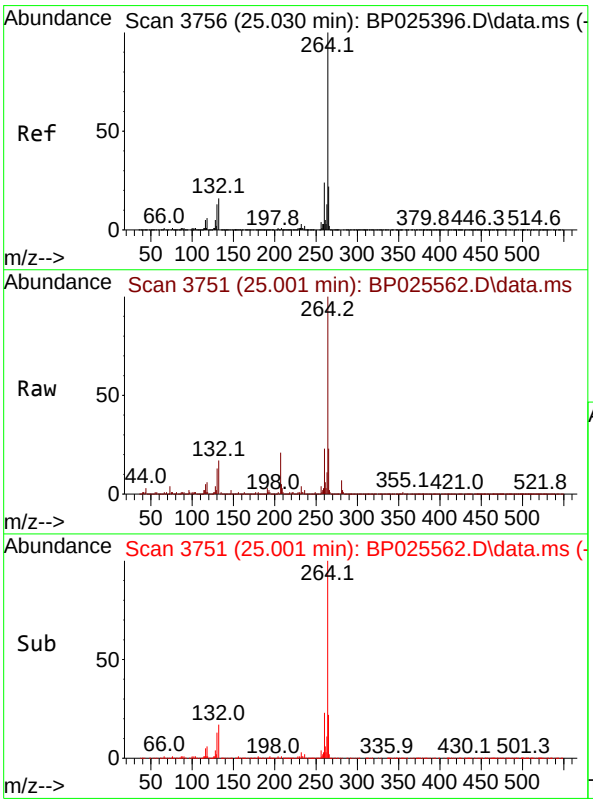
#79
Terphenyl-d14
Concen: 70.100 ng
RT: 19.907 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion:244 Resp: 4365584

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	10.9	7.4	11.2

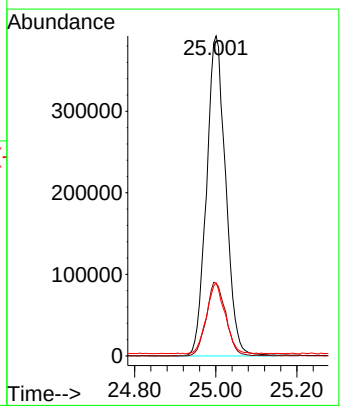




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:264 Resp: 1287992

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.3	28.9
265	22.8	17.4	26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025562.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.937	334	340	349	rBV	274048	385712	3.26%	0.792%
2	5.402	412	419	431	rBV	2910782	4425282	37.38%	9.085%
3	6.960	676	684	699	rBV	2650857	4451825	37.60%	9.139%
4	7.778	814	823	830	rBV	622696	996709	8.42%	2.046%
5	8.919	1008	1017	1031	rBV	1686610	2946761	24.89%	6.050%
6	10.543	1283	1293	1304	rBV	757756	1350823	11.41%	2.773%
7	13.001	1703	1711	1726	rBV	4265384	6557684	55.39%	13.463%
8	14.389	1939	1947	1962	rBV	1060124	1793337	15.15%	3.682%
9	15.907	2196	2205	2228	rBV	3145653	5351311	45.20%	10.986%
10	17.195	2416	2424	2437	rBV2	1317090	2227676	18.82%	4.573%
11	19.907	2879	2885	2898	rBV	9406868	11839617	100.00%	24.306%
12	21.630	3173	3178	3190	rVB	1930449	3042992	25.70%	6.247%
13	24.995	3742	3750	3765	rVB	1019950	3340202	28.21%	6.857%

Sum of corrected areas: 48709931

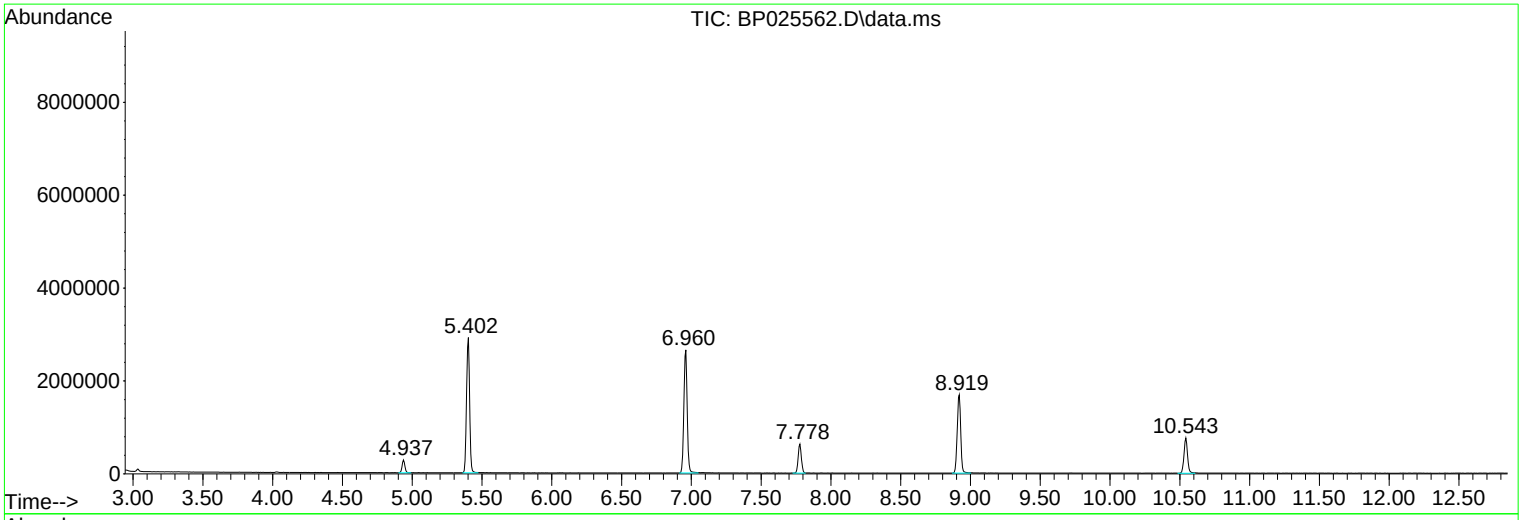
Sample Results: **BP025562.D**

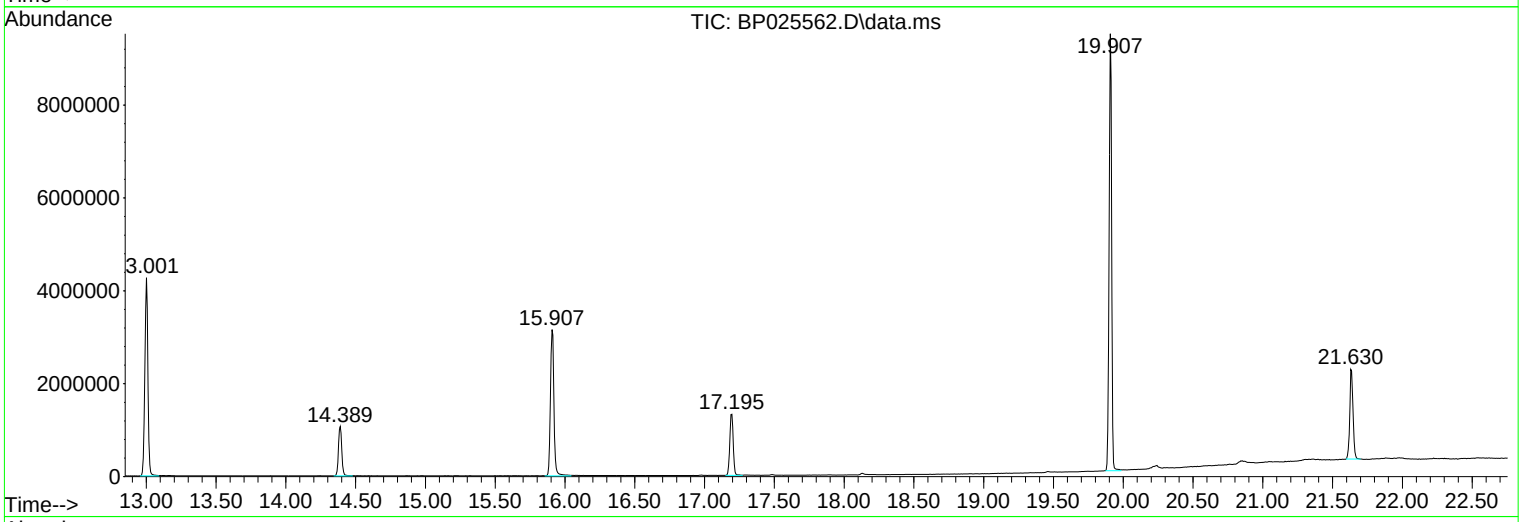
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

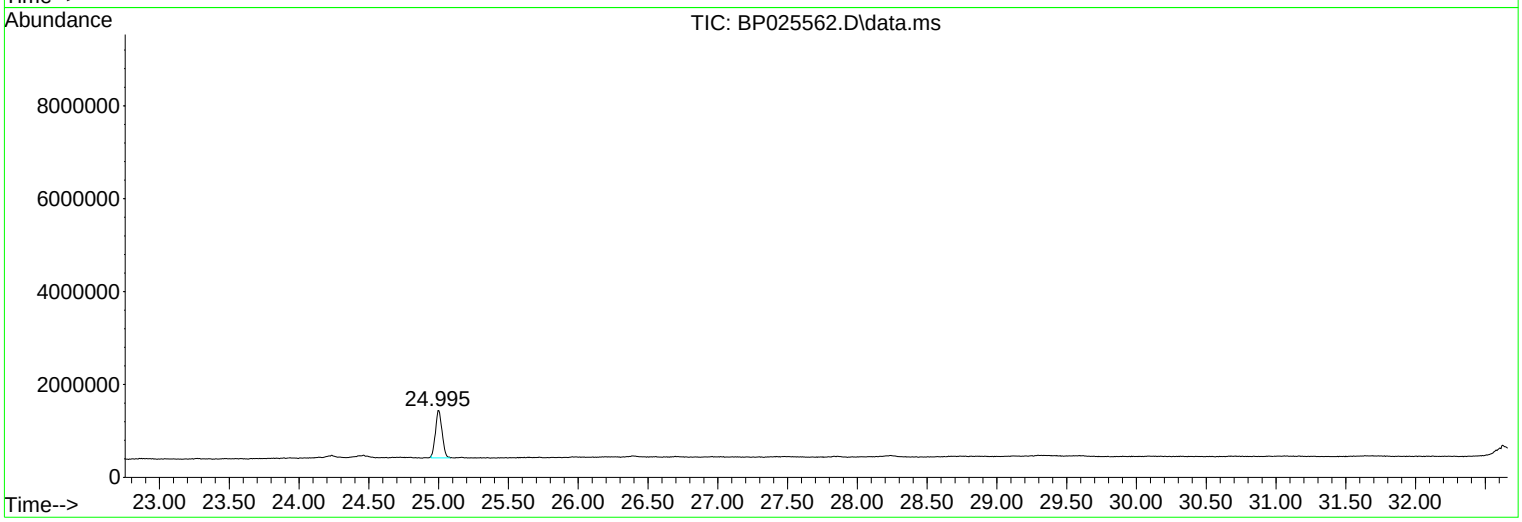
Instrument :
BNA_P
ClientSampleId :
PB169362BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

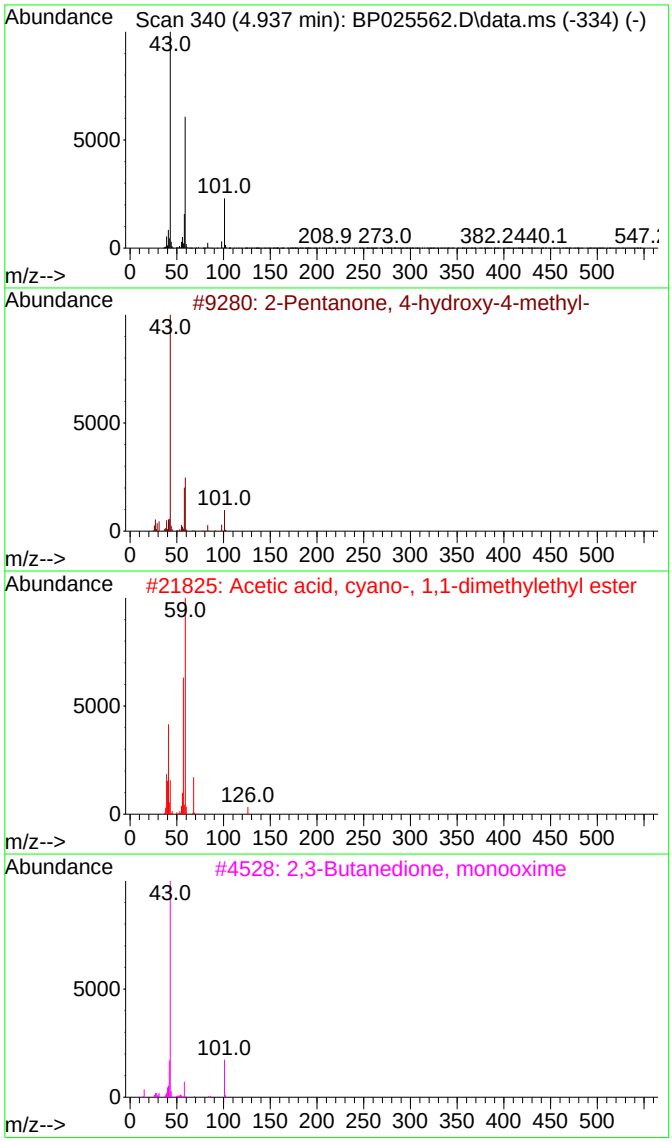
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

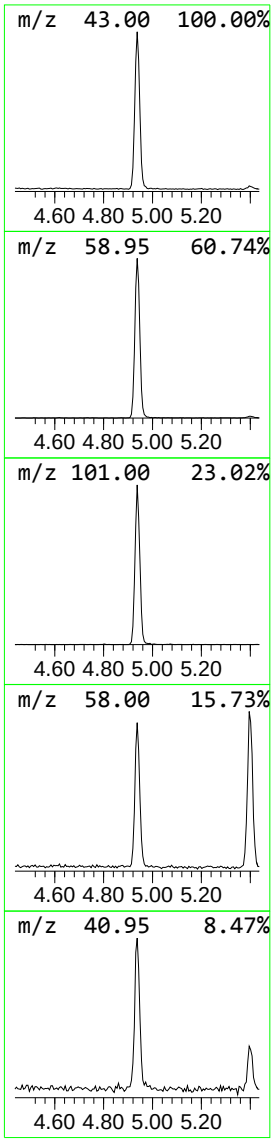
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	7.74 ng	385712	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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-...	4.937	7.7	ng	385712	1	7.778	996709	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025581.D
Acq On : 26 Aug 2025 11:44
Operator : CG/JU
Sample : PB169362BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Quant Time: Aug 26 12:07:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.778	152	256194	20.000	ng		-0.02
21) Naphthalene-d8	10.549	136	1004578	20.000	ng		-0.01
39) Acenaphthene-d10	14.407	164	636349	20.000	ng		0.00
64) Phenanthrene-d10	17.195	188	1239646	20.000	ng		0.00
76) Chrysene-d12	21.630	240	1177566	20.000	ng		-0.02
86) Perylene-d12	24.989	264	1318341	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	1791887	116.154	ng		0.00
7) Phenol-d6	6.972	99	2226832	112.588	ng		0.00
23) Nitrobenzene-d5	8.925	82	1431478	72.082	ng		-0.01
42) 2,4,6-Tribromophenol	15.919	330	1021885	119.305	ng		0.00
45) 2-Fluorobiphenyl	13.013	172	3299304	70.859	ng		0.00
79) Terphenyl-d14	19.919	244	4858385	75.484	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	211063	34.929	ng		98
3) Pyridine	3.726	79	587186	35.502	ng		97
4) n-Nitrosodimethylamine	3.631	42	280989	41.209	ng		97
6) Aniline	7.114	93	795779	29.862	ng		97
8) 2-Chlorophenol	7.355	128	723872	41.581	ng		98
9) Benzaldehyde	6.931	77	317953	22.945	ng		97
10) Phenol	7.002	94	864737	41.666	ng		99
11) bis(2-Chloroethyl)ether	7.208	93	648453	40.087	ng		99
12) 1,3-Dichlorobenzene	7.672	146	767314	39.973	ng		100
13) 1,4-Dichlorobenzene	7.814	146	784585	39.989	ng		99
14) 1,2-Dichlorobenzene	8.125	146	755735	39.791	ng		99
15) Benzyl Alcohol	8.014	79	617462	39.290	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.302	45	860354	39.703	ng		100
17) 2-Methylphenol	8.231	107	591057	41.006	ng		99
18) Hexachloroethane	8.855	117	291012	40.340	ng		95
19) n-Nitroso-di-n-propyla...	8.578	70	477539	36.451	ng		99
20) 3+4-Methylphenols	8.555	107	794684	39.774	ng		99
22) Acetophenone	8.596	105	1002924	39.810	ng	#	99
24) Nitrobenzene	8.966	77	730033	41.133	ng		99
25) Isophorone	9.490	82	1378210	39.215	ng		98
26) 2-Nitrophenol	9.666	139	389055	42.713	ng		97
27) 2,4-Dimethylphenol	9.737	122	662704	42.307	ng		99
28) bis(2-Chloroethoxy)met...	9.961	93	850880	40.052	ng		99
29) 2,4-Dichlorophenol	10.208	162	673024	43.252	ng		98
30) 1,2,4-Trichlorobenzene	10.413	180	685300	40.176	ng		99
31) Naphthalene	10.602	128	2075445	39.749	ng		99
32) Benzoic acid	9.908	122	524790	45.380	ng		98
33) 4-Chloroaniline	10.708	127	551600	23.916	ng		99
34) Hexachlorobutadiene	10.878	225	433221	40.781	ng		100
35) Caprolactam	11.502	113	225808	39.576	ng		97
36) 4-Chloro-3-methylphenol	11.843	107	755078	42.289	ng		98
37) 2-Methylnaphthalene	12.207	142	1339301	39.416	ng		98
38) 1-Methylnaphthalene	12.425	142	1381572	38.233	ng		99
40) 1,2,4,5-Tetrachloroben...	12.578	216	771235	41.964	ng		99
41) Hexachlorocyclopentadiene	12.560	237	899638	81.039	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	546655	44.058	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025581.D
Acq On : 26 Aug 2025 11:44
Operator : CG/JU
Sample : PB169362BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Quant Time: Aug 26 12:07:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

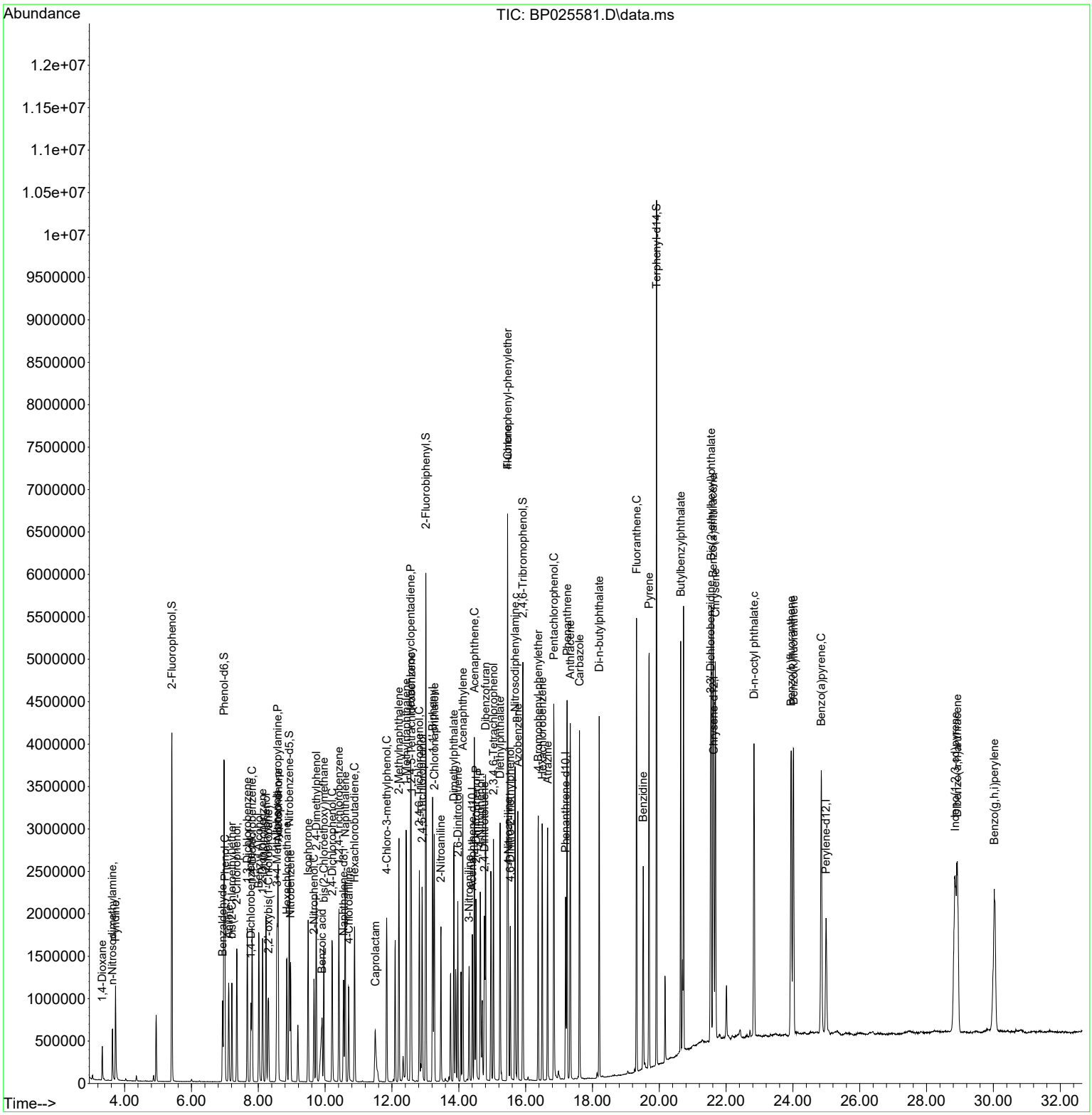
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	606774	44.621	ng		99
46) 1,1'-Biphenyl	13.219	154	1931665	41.797	ng		99
47) 2-Chloronaphthalene	13.266	162	1472263	40.921	ng		99
48) 2-Nitroaniline	13.466	65	461040	43.979	ng		98
49) Acenaphthylene	14.119	152	2435658	40.912	ng		100
50) Dimethylphthalate	13.854	163	1911307	41.016	ng		100
51) 2,6-Dinitrotoluene	13.972	165	426287	43.402	ng		99
52) Acenaphthene	14.466	154	1380494	39.505	ng		98
53) 3-Nitroaniline	14.307	138	345007	31.221	ng		97
54) 2,4-Dinitrophenol	14.519	184	533837	101.778	ng		95
55) Dibenzofuran	14.801	168	2222480	40.227	ng		99
56) 4-Nitrophenol	14.643	139	745489	82.098	ng		95
57) 2,4-Dinitrotoluene	14.766	165	611705	43.652	ng		96
58) Fluorene	15.460	166	1754062	40.236	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	516718	43.035	ng		99
60) Diethylphthalate	15.237	149	1963954	41.478	ng		99
61) 4-Chlorophenyl-phenyle...	15.460	204	869582	40.107	ng		99
62) 4-Nitroaniline	15.484	138	465461	41.087	ng		98
63) Azobenzene	15.766	77	1705622	42.069	ng		99
65) 4,6-Dinitro-2-methylph...	15.543	198	360561	46.660	ng		97
66) n-Nitrosodiphenylamine	15.684	169	1617614	42.792	ng		99
67) 4-Bromophenyl-phenylether	16.378	248	576012	42.249	ng		100
68) Hexachlorobenzene	16.495	284	664199	42.026	ng		98
69) Atrazine	16.660	200	590609	41.719	ng		100
70) Pentachlorophenol	16.843	266	866823	86.886	ng		96
71) Phenanthrene	17.242	178	2783407	40.874	ng		99
72) Anthracene	17.337	178	2880596	41.423	ng		100
73) Carbazole	17.613	167	2673601	40.817	ng		100
74) Di-n-butylphthalate	18.201	149	3353500	41.612	ng		99
75) Fluoranthene	19.319	202	3247240	39.976	ng		99
77) Benzidine	19.519	184	1596713	39.731	ng		99
78) Pyrene	19.695	202	3319660	43.373	ng		99
80) Butylbenzylphthalate	20.642	149	1537154	44.314	ng		99
81) Benzo(a)anthracene	21.607	228	3274508	42.164	ng		99
82) 3,3'-Dichlorobenzidine	21.536	252	934179	31.914	ng		99
83) Chrysene	21.678	228	3029858	41.659	ng		99
84) Bis(2-ethylhexyl)phtha...	21.554	149	2179550	42.684	ng		100
85) Di-n-octyl phthalate	22.836	149	3839151	43.711	ng		99
87) Indeno(1,2,3-cd)pyrene	28.854	276	4001108	41.384	ng	#	95
88) Benzo(b)fluoranthene	23.948	252	3243383	41.722	ng		99
89) Benzo(k)fluoranthene	24.019	252	3250836	41.789	ng		99
90) Benzo(a)pyrene	24.848	252	3144868	41.559	ng		99
91) Dibenzo(a,h)anthracene	28.918	278	3304493	41.824	ng		98
92) Benzo(g,h,i)perylene	30.024	276	3213416	41.376	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025581.D
Acq On : 26 Aug 2025 11:44
Operator : CG/JU
Sample : PB169362BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Quant Time: Aug 26 12:07:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025602.D
Acq On : 27 Aug 2025 14:18
Operator : CG/JU
Sample : Q2924-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 27 14:56:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	177033	20.000	ng	-0.01
21) Naphthalene-d8	10.566	136	389081m	20.000	ng	0.00
39) Acenaphthene-d10	14.389	164	432672	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	850262	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	903685	20.000	ng	-0.01
86) Perylene-d12	25.001	264	1056322	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.413	112	720276	67.567	ng	0.00
7) Phenol-d6	6.972	99	565271	41.360	ng	0.00
23) Nitrobenzene-d5	8.925	82	1139805	148.189	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	802398	137.779	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2521559	79.649	ng	-0.02
79) Terphenyl-d14	19.919	244	3799180	76.917	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	86034	20.604	ng	97
3) Pyridine	3.725	79	216603	18.952	ng	96
4) n-Nitrosodimethylamine	3.631	42	114731	24.350	ng	# 94
6) Aniline	7.119	93	435007	23.623	ng	97
8) 2-Chlorophenol	7.360	128	461645	38.376	ng	100
9) Benzaldehyde	6.937	77	356363	37.216	ng	# 1
10) Phenol	7.002	94	223179	15.562	ng	85
11) bis(2-Chloroethyl)ether	7.213	93	480450	42.982	ng	# 82
12) 1,3-Dichlorobenzene	7.672	146	447780	33.758	ng	98
13) 1,4-Dichlorobenzene	7.819	146	456562	33.675	ng	100
14) 1,2-Dichlorobenzene	8.131	146	451271	34.385	ng	100
15) Benzyl Alcohol	8.043	79	330762	30.458	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.325	45	248133	16.571	ng	# 56
17) 2-Methylphenol	8.249	107	326777	32.808	ng	99
18) Hexachloroethane	8.866	117	450683	90.410	ng	# 55
19) n-Nitroso-di-n-propyla...	8.578	70	370268	40.900	ng	99
20) 3+4-Methylphenols	8.549	107	547488	39.655	ng	99
22) Acetophenone	8.596	105	828397	84.900	ng	98
24) Nitrobenzene	8.966	77	572174	83.237	ng	99
25) Isophorone	9.513	82	1078122	79.204	ng	99
26) 2-Nitrophenol	9.672	139	296181	83.956	ng	98
27) 2,4-Dimethylphenol	9.749	122	445083	73.364	ng	100
28) bis(2-Chloroethoxy)met...	9.990	93	561312	68.218	ng	97
29) 2,4-Dichlorophenol	10.231	162	471453	78.228	ng	97
30) 1,2,4-Trichlorobenzene	10.443	180	497208	75.260	ng	98
31) Naphthalene	10.607	128	53384471m	2639.830	ng	
32) Benzoic acid	9.872	122	137031	30.594	ng	95
33) 4-Chloroaniline	10.707	127	246679m	27.615	ng	
34) Hexachlorobutadiene	10.890	225	285321	69.347	ng	98
35) Caprolactam	11.513	113	35758	16.181	ng	90
36) 4-Chloro-3-methylphenol	11.837	107	513005	74.182	ng	95
37) 2-Methylnaphthalene	12.213	142	10166437	772.505	ng	97
38) 1-Methylnaphthalene	12.431	142	7289723	520.863	ng	99
40) 1,2,4,5-Tetrachloroben...	12.572	216	607380	48.606	ng	99
41) Hexachlorocyclopentadiene	12.554	237	583510	77.305	ng	99
43) 2,4,6-Trichlorophenol	12.813	196	410669	48.679	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025602.D
Acq On : 27 Aug 2025 14:18
Operator : CG/JU
Sample : Q2924-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 27 14:56:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	442682	47.879	ng	97
46) 1,1'-Biphenyl	13.219	154	2122145	67.534	ng	99
47) 2-Chloronaphthalene	13.260	162	1159450	47.397	ng	99
48) 2-Nitroaniline	13.460	65	373967	52.466	ng	99
49) Acenaphthylene	14.113	152	7330044	181.084	ng	98
50) Dimethylphthalate	13.842	163	1497485	47.263	ng	99
51) 2,6-Dinitrotoluene	13.966	165	332758	49.828	ng	96
52) Acenaphthene	14.454	154	1259575	53.012	ng	100
53) 3-Nitroaniline	14.295	138	230882	30.729	ng	98
54) 2,4-Dinitrophenol	14.507	184	407573	114.285	ng	99
55) Dibenzofuran	14.789	168	1868479	49.740	ng	100
56) 4-Nitrophenol	14.648	139	251770	40.778	ng	96
57) 2,4-Dinitrotoluene	14.760	165	492932	51.735	ng	98
58) Fluorene	15.454	166	1929806	65.105	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.031	232	404723m	49.575	ng	
60) Diethylphthalate	15.225	149	1570718	48.789	ng	99
61) 4-Chlorophenyl-phenyle...	15.448	204	693292	47.029	ng	99
62) 4-Nitroaniline	15.472	138	362177	47.020	ng	97
63) Azobenzene	15.754	77	1380374	50.074	ng	97
65) 4,6-Dinitro-2-methylph...	15.536	198	283344	53.460	ng	94
66) n-Nitrosodiphenylamine	15.672	169	1286193	49.606	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	467298	49.971	ng	99
68) Hexachlorobenzene	16.483	284	552050	50.927	ng	98
69) Atrazine	16.654	200	450342	46.379	ng	98
70) Pentachlorophenol	16.836	266	715400	104.547	ng	98
71) Phenanthrene	17.236	178	2961334	63.401	ng	100
72) Anthracene	17.336	178	2472023	51.827	ng	100
73) Carbazole	17.607	167	2687128	59.810	ng	100
74) Di-n-butylphthalate	18.201	149	2751702	49.782	ng	100
75) Fluoranthene	19.319	202	2756444	49.475	ng	99
77) Benzidine	19.524	184	778981	25.258	ng	99
78) Pyrene	19.695	202	2876336	48.970	ng	99
80) Butylbenzylphthalate	20.648	149	1322126	49.666	ng	98
81) Benzo(a)anthracene	21.618	228	2864079	48.056	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	904366	40.258	ng	99
83) Chrysene	21.689	228	2708735	48.532	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1840824	46.976	ng	99
85) Di-n-octyl phthalate	22.842	149	3331848	49.432	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	3764445m	48.595	ng	
88) Benzo(b)fluoranthene	23.948	252	3022805	48.529	ng	99
89) Benzo(k)fluoranthene	24.018	252	2971189	47.668	ng	99
90) Benzo(a)pyrene	24.854	252	2898626	47.806	ng	99
91) Dibenzo(a,h)anthracene	28.936	278	3130465	49.450	ng	98
92) Benzo(g,h,i)perylene	30.047	276	3028218	48.663	ng	99

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

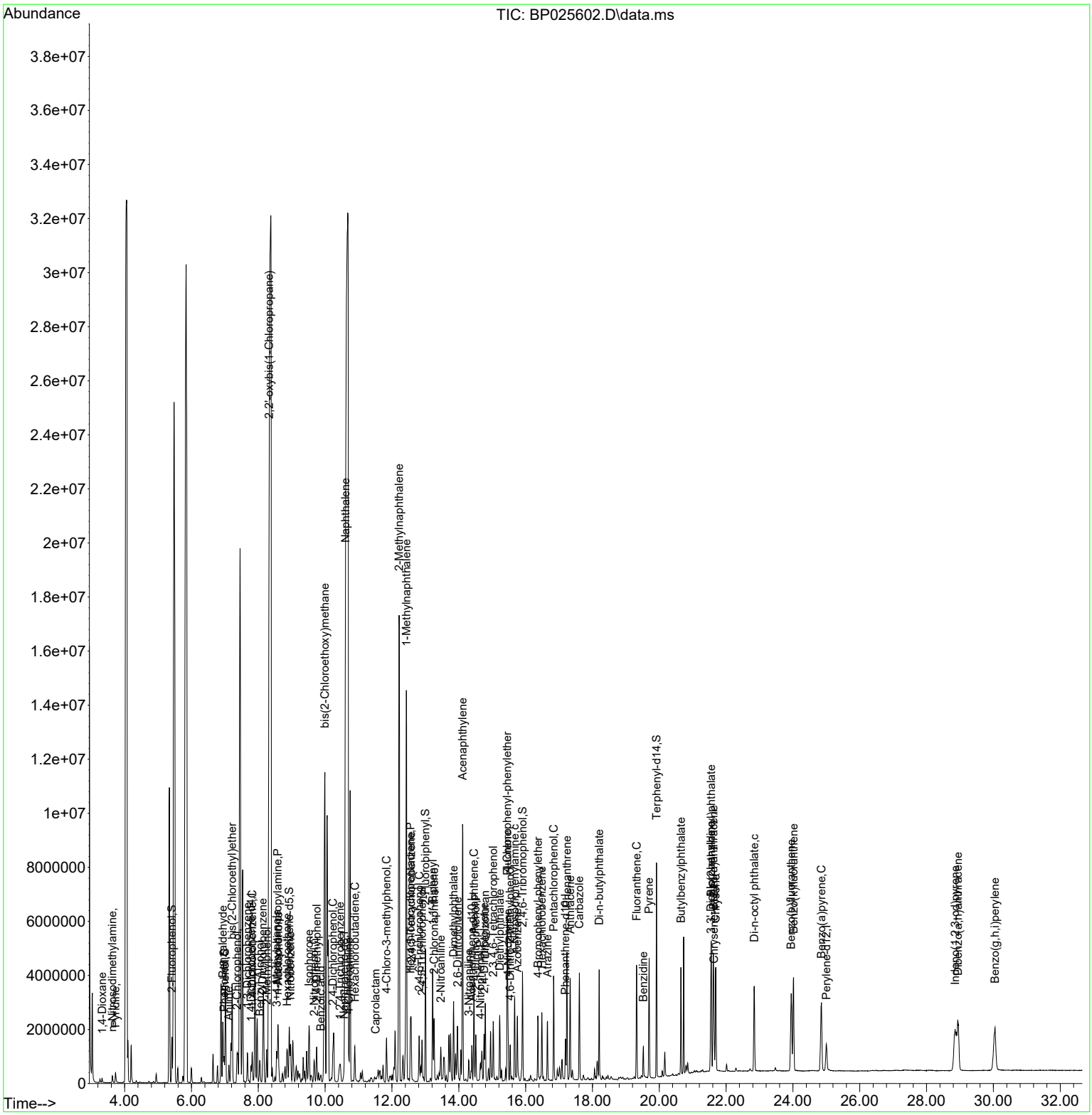
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025602.D
Acq On : 27 Aug 2025 14:18
Operator : CG/JU
Sample : Q2924-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 27 14:56:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025603.D
Acq On : 27 Aug 2025 15:00
Operator : CG/JU
Sample : Q2924-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 27 15:23:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	165573	20.000	ng	-0.02
21) Naphthalene-d8	10.566	136	358938m	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	417829	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	814298	20.000	ng	0.00
76) Chrysene-d12	21.636	240	887974	20.000	ng	-0.01
86) Perylene-d12	25.007	264	1057493	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	671751	67.377	ng	0.00
7) Phenol-d6	6.972	99	529341	41.411	ng	0.00
23) Nitrobenzene-d5	8.925	82	1058184	149.131	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	757775	134.739	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2386494	78.060	ng	-0.01
79) Terphenyl-d14	19.919	244	3697065	76.174	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	80709	20.667	ng	99
3) Pyridine	3.725	79	202156	18.912	ng	95
4) n-Nitrosodimethylamine	3.631	42	105107	23.851	ng	96
6) Aniline	7.113	93	412121	23.929	ng	97
8) 2-Chlorophenol	7.360	128	422887	37.587	ng	97
9) Benzaldehyde	6.931	77	320616	35.801	ng	# 1
10) Phenol	6.996	94	209480	15.618	ng	89
11) bis(2-Chloroethyl)ether	7.213	93	438912	41.984	ng	# 81
12) 1,3-Dichlorobenzene	7.672	146	417263	33.634	ng	98
13) 1,4-Dichlorobenzene	7.813	146	431205	34.006	ng	98
14) 1,2-Dichlorobenzene	8.131	146	424297	34.567	ng	99
15) Benzyl Alcohol	8.037	79	309179	30.441	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.319	45	244473	17.457	ng	# 57
17) 2-Methylphenol	8.243	107	305694	32.816	ng	98
18) Hexachloroethane	8.866	117	429233	92.067	ng	# 53
19) n-Nitroso-di-n-propyla...	8.578	70	347670	41.062	ng	99
20) 3+4-Methylphenols	8.543	107	511394	39.604	ng	99
22) Acetophenone	8.590	105	774732	86.068	ng	98
24) Nitrobenzene	8.966	77	536503	84.602	ng	98
25) Isophorone	9.507	82	1014281	80.771	ng	98
26) 2-Nitrophenol	9.672	139	279469	85.872	ng	99
27) 2,4-Dimethylphenol	9.749	122	417062	74.518	ng	97
28) bis(2-Chloroethoxy)met...	9.984	93	542429	71.459	ng	97
29) 2,4-Dichlorophenol	10.231	162	449299	80.812	ng	99
30) 1,2,4-Trichlorobenzene	10.443	180	470127	77.137	ng	98
31) Naphthalene	10.607	128	53257232m	2854.698	ng	
32) Benzoic acid	9.872	122	130466	31.575	ng	99
33) 4-Chloroaniline	10.713	127	245084m	29.741	ng	
34) Hexachlorobutadiene	10.884	225	269655	71.043	ng	97
35) Caprolactam	11.507	113	33012	16.193	ng	92
36) 4-Chloro-3-methylphenol	11.837	107	481225	75.431	ng	91
37) 2-Methylnaphthalene	12.219	142	9833822	809.982	ng	97
38) 1-Methylnaphthalene	12.431	142	6970742	539.898	ng	99
40) 1,2,4,5-Tetrachloroben...	12.572	216	570448	47.272	ng	99
41) Hexachlorocyclopentadiene	12.554	237	532370	73.036	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	388583	47.698	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025603.D
Acq On : 27 Aug 2025 15:00
Operator : CG/JU
Sample : Q2924-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 27 15:23:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.901	196	423357	47.415	ng		97
46)	1,1'-Biphenyl	13.219	154	2017741	66.493	ng		99
47)	2-Chloronaphthalene	13.260	162	1096677	46.423	ng		98
48)	2-Nitroaniline	13.466	65	352640	51.231	ng		99
49)	Acenaphthylene	14.125	152	6895606	176.403	ng		99
50)	Dimethylphthalate	13.842	163	1390812	45.456	ng		99
51)	2,6-Dinitrotoluene	13.960	165	314131	48.710	ng		92
52)	Acenaphthene	14.466	154	1167251	50.872	ng		100
53)	3-Nitroaniline	14.295	138	223346	30.782	ng		94
54)	2,4-Dinitrophenol	14.513	184	383271	111.288	ng		98
55)	Dibenzofuran	14.807	168	1764171	48.631	ng		98
56)	4-Nitrophenol	14.642	139	241694	40.537	ng		92
57)	2,4-Dinitrotoluene	14.766	165	458819	49.866	ng		96
58)	Fluorene	15.460	166	1850230	64.638	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.037	232	379145	48.091	ng		99
60)	Diethylphthalate	15.231	149	1443076	46.416	ng		100
61)	4-Chlorophenyl-phenyle...	15.460	204	655680	46.058	ng		96
62)	4-Nitroaniline	15.484	138	349130	46.936	ng		95
63)	Azobenzene	15.754	77	1311741	49.274	ng		98
65)	4,6-Dinitro-2-methylph...	15.548	198	268592	52.915	ng		96
66)	n-Nitrosodiphenylamine	15.666	169	1192328	48.017	ng		100
67)	4-Bromophenyl-phenylether	16.366	248	442265	49.383	ng		95
68)	Hexachlorobenzene	16.489	284	516257	49.728	ng		98
69)	Atrazine	16.654	200	428690	46.099	ng		99
70)	Pentachlorophenol	16.848	266	659376	100.616	ng		97
71)	Phenanthrene	17.242	178	2855159	63.828	ng		99
72)	Anthracene	17.336	178	2308905	50.545	ng		99
73)	Carbazole	17.619	167	2594549	60.300	ng		99
74)	Di-n-butylphthalate	18.207	149	2643612	49.938	ng		100
75)	Fluoranthene	19.325	202	2617503	49.056	ng		99
77)	Benzidine	19.513	184	785899	25.933	ng		100
78)	Pyrene	19.701	202	2744373	47.550	ng		100
80)	Butylbenzylphthalate	20.636	149	1291637	49.379	ng		98
81)	Benzo(a)anthracene	21.619	228	2778578	47.447	ng		99
82)	3,3'-Dichlorobenzidine	21.530	252	910515	41.249	ng		99
83)	Chrysene	21.683	228	2668181	48.651	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.554	149	1818319	47.223	ng		100
85)	Di-n-octyl phthalate	22.836	149	3269105	49.360	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.836	276	3751770	48.377	ng	#	91
88)	Benzo(b)fluoranthene	23.948	252	2986627	47.895	ng		98
89)	Benzo(k)fluoranthene	24.024	252	2942937	47.163	ng		99
90)	Benzo(a)pyrene	24.854	252	2870696	47.293	ng		99
91)	Dibenzo(a,h)anthracene	28.924	278	3109637	49.066	ng		98
92)	Benzo(g,h,i)perylene	30.042	276	2995786	48.088	ng		98

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

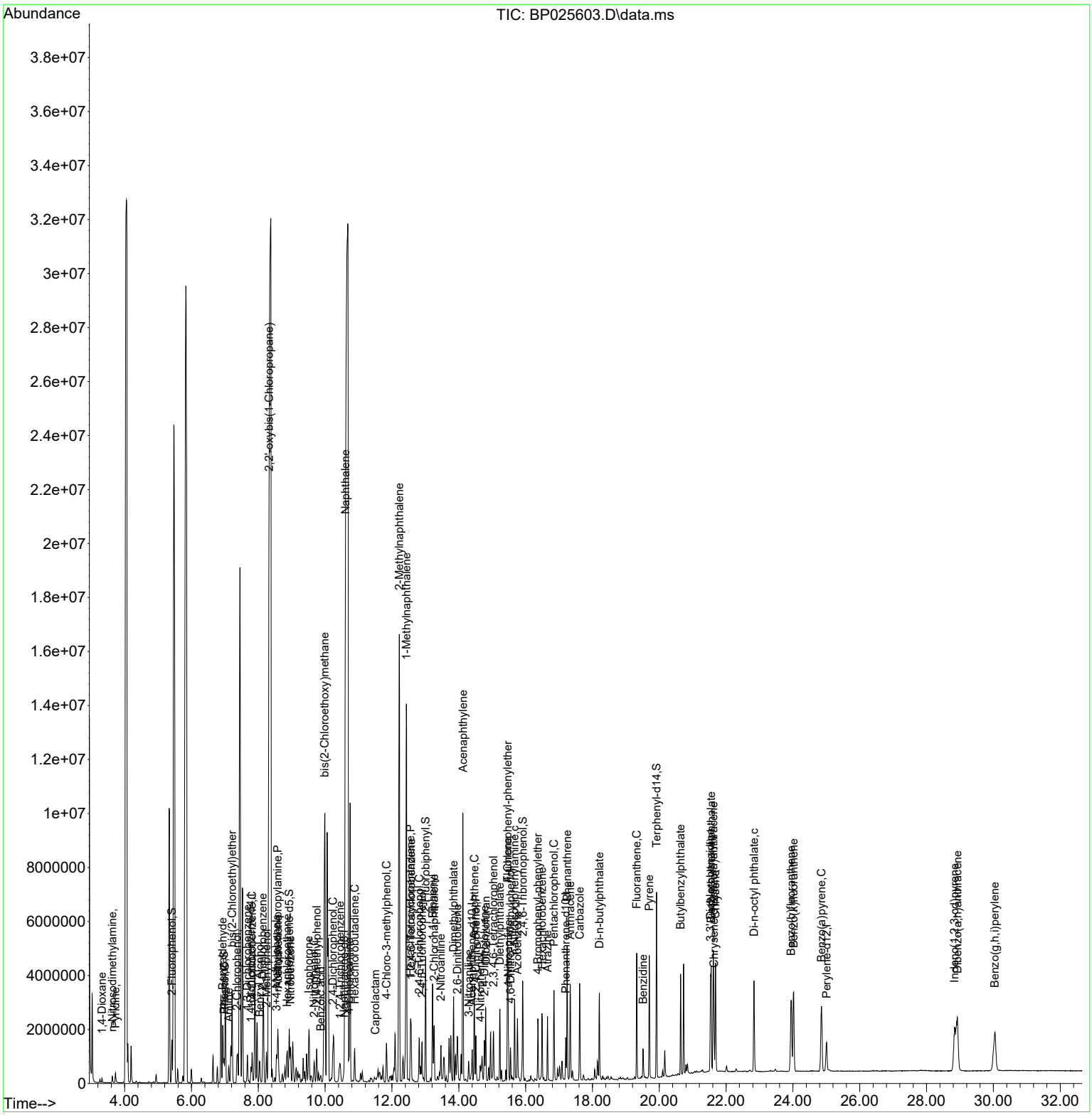
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025603.D
Acq On : 27 Aug 2025 15:00
Operator : CG/JU
Sample : Q2924-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 27 15:23:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



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

Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025393.D	Acenaphthene	Rahul	8/15/2025 9:34:57 AM	Jagrut	8/15/2025 12:49:22 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Acenaphthene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzaldehyde	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzoic acid	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Acenaphthene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Benzoic acid	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICCC040	BP025396.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:47 AM	Jagrut	8/15/2025 12:49:30 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Benzo(g,h,i)perylene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC080	BP025399.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:40 AM	Jagrut	8/15/2025 12:49:36 PM	Peak Integrated by Software
SSTDICV040	BP025400.D	Acenaphthene	Rahul	8/15/2025 9:34:38 AM	Jagrut	8/15/2025 12:49:39 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025403.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:33 AM	Jagrut	8/15/2025 12:49:44 PM	Peak Integrated by Software
SSTDCCC040	BP025405.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:31 AM	Jagrut	8/15/2025 12:49:46 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Acenaphthene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP082525	Instrument	BNA_p

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:	bp082625	Instrument	BNA_p

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:	BP082725	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2924-03MS	BP025602.D	2,3,4,6-Tetrachlorophenol	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	4-Chloroaniline	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	Indeno(1,2,3-cd)pyrene	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	Naphthalene	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	Naphthalene-d8	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-04MSD	BP025603.D	4-Chloroaniline	Rahul	8/28/2025 8:28:51 AM	Jagrut	8/28/2025 1:39:22 PM	Peak Integrated by Software
Q2924-04MSD	BP025603.D	Naphthalene	Rahul	8/28/2025 8:28:51 AM	Jagrut	8/28/2025 1:39:22 PM	Peak Integrated by Software
Q2924-04MSD	BP025603.D	Naphthalene-d8	Rahul	8/28/2025 8:28:51 AM	Jagrut	8/28/2025 1:39:22 PM	Peak Integrated by Software

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025390.D	14 Aug 2025 10:30	CG/JU	Ok
2	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	CG/JU	Not Ok
3	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33	CG/JU	Ok
4	SSTDICC005	BP025393.D	14 Aug 2025 13:15	CG/JU	Ok,M
5	SSTDICC010	BP025394.D	14 Aug 2025 13:56	CG/JU	Ok,M
6	SSTDICC020	BP025395.D	14 Aug 2025 14:38	CG/JU	Ok,M
7	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	CG/JU	Ok,M
8	SSTDICC050	BP025397.D	14 Aug 2025 16:01	CG/JU	Ok,M
9	SSTDICC060	BP025398.D	14 Aug 2025 16:42	CG/JU	Ok
10	SSTDICC080	BP025399.D	14 Aug 2025 17:24	CG/JU	Ok,M
11	SSTDICV040	BP025400.D	14 Aug 2025 18:05	CG/JU	Ok,M
12	PB169200TB	BP025401.D	14 Aug 2025 19:28	CG/JU	Ok
13	PB169210BS	BP025402.D	14 Aug 2025 20:10	CG/JU	Ok,M
14	SSTDCCC040	BP025403.D	14 Aug 2025 20:51	CG/JU	Ok,M
15	DFTPP	BP025404.D	14 Aug 2025 22:14	CG/JU	Ok
16	SSTDCCC040	BP025405.D	14 Aug 2025 22:56	CG/JU	Ok,M
17	PB169228BL	BP025406.D	14 Aug 2025 23:37	CG/JU	Ok
18	PB169228BS	BP025407.D	15 Aug 2025 00:18	CG/JU	Ok,M
19	Q2820-10	BP025408.D	15 Aug 2025 01:00	CG/JU	Ok
20	Q2820-11	BP025409.D	15 Aug 2025 01:41	CG/JU	Ok
21	Q2820-21	BP025410.D	15 Aug 2025 02:22	CG/JU	ReRun

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2820-22	BP025411.D	15 Aug 2025 03:03	CG/JU	ReRun
23	Q2820-14	BP025412.D	15 Aug 2025 03:45	CG/JU	Ok
24	Q2820-16	BP025413.D	15 Aug 2025 04:26	CG/JU	Ok
25	Q2820-17	BP025414.D	15 Aug 2025 05:07	CG/JU	Ok
26	Q2820-17MS	BP025415.D	15 Aug 2025 05:48	CG/JU	Ok,M
27	Q2820-17MSD	BP025416.D	15 Aug 2025 06:29	CG/JU	Ok,M
28	Q2820-18	BP025417.D	15 Aug 2025 07:10	CG/JU	Ok
29	Q2820-19	BP025418.D	15 Aug 2025 07:51	CG/JU	ReRun
30	Q2820-20	BP025419.D	15 Aug 2025 08:32	CG/JU	ReRun
31	SSTDCCC040	BP025420.D	15 Aug 2025 09:13	CG/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082525

Review By	Rahul	Review On	8/26/2025 10:26:59 AM		
Supervise By	Jagrut	Supervise On	8/26/2025 12:54:30 PM		
SubDirectory	BP082525	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025560.D	25 Aug 2025 10:24	CG/JU	Ok
2	SSTDCCC040	BP025561.D	25 Aug 2025 12:13	CG/JU	Ok
3	PB169362BL	BP025562.D	25 Aug 2025 12:54	CG/JU	Ok
4	SP6865	BP025563.D	25 Aug 2025 13:36	CG/JU	Ok
5	Q2933-04	BP025564.D	25 Aug 2025 14:21	CG/JU	Ok
6	Q2933-04MS	BP025565.D	25 Aug 2025 15:02	CG/JU	Ok
7	Q2933-04MSD	BP025566.D	25 Aug 2025 15:43	CG/JU	Ok
8	Q2932-05	BP025567.D	25 Aug 2025 16:25	CG/JU	Ok
9	Q2933-02	BP025568.D	25 Aug 2025 17:06	CG/JU	Ok
10	Q2909-02	BP025569.D	25 Aug 2025 17:48	CG/JU	Ok,M
11	Q2909-02MS	BP025570.D	25 Aug 2025 18:29	CG/JU	Ok,M
12	Q2909-02MSD	BP025571.D	25 Aug 2025 19:11	CG/JU	Ok,M
13	Q2932-01	BP025572.D	25 Aug 2025 19:52	CG/JU	Ok
14	Q2949-01	BP025573.D	25 Aug 2025 20:33	CG/JU	Ok
15	Q2941-01	BP025574.D	25 Aug 2025 21:14	CG/JU	Ok,M
16	Q2947-01	BP025575.D	25 Aug 2025 21:55	CG/JU	Ok,M
17	Q2932-03	BP025576.D	25 Aug 2025 22:37	CG/JU	Not Ok
18	Q2947-03	BP025577.D	25 Aug 2025 23:18	CG/JU	Not Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082625

Review By	Rahul	Review On	8/27/2025 9:27:24 AM		
Supervise By	Jagrut	Supervise On	8/27/2025 11:38:38 AM		
SubDirectory	BP082625	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025578.D	26 Aug 2025 08:59	CG/JU	Ok
2	SSTDCCC040	BP025579.D	26 Aug 2025 10:21	CG/JU	Ok
3	PB169325TB	BP025580.D	26 Aug 2025 11:02	CG/JU	Ok
4	PB169362BS	BP025581.D	26 Aug 2025 11:44	CG/JU	Ok
5	Q2941-02	BP025582.D	26 Aug 2025 12:29	CG/JU	Ok
6	Q2924-05DL	BP025583.D	26 Aug 2025 13:10	CG/JU	Dilution
7	Q2932-03	BP025584.D	26 Aug 2025 13:51	CG/JU	Ok,M
8	Q2926-01	BP025585.D	26 Aug 2025 14:33	CG/JU	Ok
9	Q2924-05DL2	BP025586.D	26 Aug 2025 15:14	CG/JU	Ok
10	Q2940-01	BP025587.D	26 Aug 2025 15:55	CG/JU	Ok
11	Q2924-08	BP025588.D	26 Aug 2025 16:37	CG/JU	Ok
12	Q2924-09	BP025589.D	26 Aug 2025 17:18	CG/JU	Ok
13	Q2924-06	BP025590.D	26 Aug 2025 17:59	CG/JU	Ok
14	Q2936-02	BP025591.D	26 Aug 2025 18:41	CG/JU	Dilution
15	Q2947-03	BP025592.D	26 Aug 2025 19:22	CG/JU	Ok,M
16	Q2892-02	BP025593.D	26 Aug 2025 20:03	CG/JU	Ok
17	Q2928-01	BP025594.D	26 Aug 2025 20:44	CG/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082725

Review By	Rahul	Review On	8/28/2025 8:32:26 AM		
Supervise By	Jagrut	Supervise On	8/28/2025 1:40:30 PM		
SubDirectory	BP082725	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025595.D	27 Aug 2025 08:58	CG/JU	Ok
2	SSTDCCC040	BP025596.D	27 Aug 2025 09:39	CG/JU	Ok
3	PB169370BL	BP025597.D	27 Aug 2025 10:20	CG/JU	Ok
4	PB169370BS	BP025598.D	27 Aug 2025 11:01	CG/JU	Ok
5	PB169382BL	BP025599.D	27 Aug 2025 11:42	CG/JU	Ok
6	PB169382BS	BP025600.D	27 Aug 2025 12:23	CG/JU	Ok
7	Q2924-02	BP025601.D	27 Aug 2025 13:37	CG/JU	Dilution
8	Q2924-03MS	BP025602.D	27 Aug 2025 14:18	CG/JU	Ok,M
9	Q2924-04MSD	BP025603.D	27 Aug 2025 15:00	CG/JU	Ok,M
10	Q2936-02DL	BP025604.D	27 Aug 2025 15:41	CG/JU	Dilution
11	Q2936-02DL2	BP025605.D	27 Aug 2025 16:22	CG/JU	Ok
12	Q2921-01	BP025606.D	27 Aug 2025 17:03	CG/JU	Ok
13	Q2924-02DL	BP025607.D	27 Aug 2025 17:44	CG/JU	Dilution
14	Q2924-02DL2	BP025608.D	27 Aug 2025 18:26	CG/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025390.D	14 Aug 2025 10:30		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	A Fresh Calibration is required.	CG/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33		CG/JU	Ok
4	SSTDICC005	SSTDICC005	BP025393.D	14 Aug 2025 13:15		CG/JU	Ok,M
5	SSTDICC010	SSTDICC010	BP025394.D	14 Aug 2025 13:56		CG/JU	Ok,M
6	SSTDICC020	SSTDICC020	BP025395.D	14 Aug 2025 14:38		CG/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	Benzidine failed in the Calibration Method.	CG/JU	Ok,M
8	SSTDICC050	SSTDICC050	BP025397.D	14 Aug 2025 16:01		CG/JU	Ok,M
9	SSTDICC060	SSTDICC060	BP025398.D	14 Aug 2025 16:42		CG/JU	Ok
10	SSTDICC080	SSTDICC080	BP025399.D	14 Aug 2025 17:24		CG/JU	Ok,M
11	SSTDICV040	ICVBP081425	BP025400.D	14 Aug 2025 18:05		CG/JU	Ok,M
12	PB169200TB	PB169200TB	BP025401.D	14 Aug 2025 19:28		CG/JU	Ok
13	PB169210BS	PB169210BS	BP025402.D	14 Aug 2025 20:10		CG/JU	Ok,M
14	SSTDCCC040	SSTDCCC040EC	BP025403.D	14 Aug 2025 20:51		CG/JU	Ok,M
15	DFTPP	DFTPP	BP025404.D	14 Aug 2025 22:14		CG/JU	Ok
16	SSTDCCC040	SSTDCCC040	BP025405.D	14 Aug 2025 22:56		CG/JU	Ok,M
17	PB169228BL	PB169228BL	BP025406.D	14 Aug 2025 23:37		CG/JU	Ok

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB169228BS	PB169228BS	BP025407.D	15 Aug 2025 00:18		CG/JU	Ok,M
19	Q2820-10	SOIL-DUP-2	BP025408.D	15 Aug 2025 01:00		CG/JU	Ok
20	Q2820-11	10PC-W	BP025409.D	15 Aug 2025 01:41		CG/JU	Ok
21	Q2820-21	22M-N	BP025410.D	15 Aug 2025 02:22	Surrogate Fail	CG/JU	ReRun
22	Q2820-22	22M-W	BP025411.D	15 Aug 2025 03:03	Surrogate Fail	CG/JU	ReRun
23	Q2820-14	10P-E	BP025412.D	15 Aug 2025 03:45		CG/JU	Ok
24	Q2820-16	10P-N	BP025413.D	15 Aug 2025 04:26		CG/JU	Ok
25	Q2820-17	88H-E	BP025414.D	15 Aug 2025 05:07		CG/JU	Ok
26	Q2820-17MS	88H-EMS	BP025415.D	15 Aug 2025 05:48		CG/JU	Ok,M
27	Q2820-17MSD	88H-EMSD	BP025416.D	15 Aug 2025 06:29		CG/JU	Ok,M
28	Q2820-18	88H-N	BP025417.D	15 Aug 2025 07:10		CG/JU	Ok
29	Q2820-19	88H-W	BP025418.D	15 Aug 2025 07:51	Surrogate fail	CG/JU	ReRun
30	Q2820-20	88H-S	BP025419.D	15 Aug 2025 08:32	Surrogate Fail	CG/JU	ReRun
31	SSTDCCC040	SSTDCCC040EC	BP025420.D	15 Aug 2025 09:13		CG/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082525

Review By	Rahul	Review On	8/26/2025 10:26:59 AM		
Supervise By	Jagrut	Supervise On	8/26/2025 12:54:30 PM		
SubDirectory	BP082525	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025560.D	25 Aug 2025 10:24		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025561.D	25 Aug 2025 12:13		CG/JU	Ok
3	PB169362BL	PB169362BL	BP025562.D	25 Aug 2025 12:54		CG/JU	Ok
4	SP6865	SP6865	BP025563.D	25 Aug 2025 13:36		CG/JU	Ok
5	Q2933-04	29-SEPTIC	BP025564.D	25 Aug 2025 14:21		CG/JU	Ok
6	Q2933-04MS	29-SEPTICMS	BP025565.D	25 Aug 2025 15:02		CG/JU	Ok
7	Q2933-04MSD	29-SEPTICMSD	BP025566.D	25 Aug 2025 15:43		CG/JU	Ok
8	Q2932-05	ARS20-0002-CONCRE	BP025567.D	25 Aug 2025 16:25		CG/JU	Ok
9	Q2933-02	25-SEPTIC	BP025568.D	25 Aug 2025 17:06		CG/JU	Ok
10	Q2909-02	4065	BP025569.D	25 Aug 2025 17:48	Internal Standard Fail	CG/JU	Ok,M
11	Q2909-02MS	4065MS	BP025570.D	25 Aug 2025 18:29	Internal Standard Fail	CG/JU	Ok,M
12	Q2909-02MSD	4065MSD	BP025571.D	25 Aug 2025 19:11	Internal standard fail	CG/JU	Ok,M
13	Q2932-01	ARS20-0009	BP025572.D	25 Aug 2025 19:52		CG/JU	Ok
14	Q2949-01	367	BP025573.D	25 Aug 2025 20:33		CG/JU	Ok
15	Q2941-01	SOIL-COMP(1-2)	BP025574.D	25 Aug 2025 21:14		CG/JU	Ok,M
16	Q2947-01	291	BP025575.D	25 Aug 2025 21:55		CG/JU	Ok,M
17	Q2932-03	ARS20-0002-SOIL	BP025576.D	25 Aug 2025 22:37	Out of tune time	CG/JU	Not Ok
18	Q2947-03	235	BP025577.D	25 Aug 2025 23:18	Out of tune time	CG/JU	Not Ok

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082525

Review By	Rahul	Review On	8/26/2025 10:26:59 AM		
Supervise By	Jagrut	Supervise On	8/26/2025 12:54:30 PM		
SubDirectory	BP082525	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082625

Review By	Rahul	Review On	8/27/2025 9:27:24 AM		
Supervise By	Jagrut	Supervise On	8/27/2025 11:38:38 AM		
SubDirectory	BP082625	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025578.D	26 Aug 2025 08:59		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025579.D	26 Aug 2025 10:21		CG/JU	Ok
3	PB169325TB	PB169325TB	BP025580.D	26 Aug 2025 11:02		CG/JU	Ok
4	PB169362BS	PB169362BS	BP025581.D	26 Aug 2025 11:44		CG/JU	Ok
5	Q2941-02	SOIL-COMP(1-2)	BP025582.D	26 Aug 2025 12:29		CG/JU	Ok
6	Q2924-05DL	MW-2B-082025DL	BP025583.D	26 Aug 2025 13:10	Need 2X further Dilution	CG/JU	Dilution
7	Q2932-03	ARS20-0002-SOIL	BP025584.D	26 Aug 2025 13:51	Internal Standard Fail	CG/JU	Ok,M
8	Q2926-01	TR-04-08212025	BP025585.D	26 Aug 2025 14:33		CG/JU	Ok
9	Q2924-05DL2	MW-2B-082025DL2	BP025586.D	26 Aug 2025 15:14		CG/JU	Ok
10	Q2940-01	COMP(1-6)	BP025587.D	26 Aug 2025 15:55		CG/JU	Ok
11	Q2924-08	MW-16A-082025	BP025588.D	26 Aug 2025 16:37		CG/JU	Ok
12	Q2924-09	MW-16C-082025	BP025589.D	26 Aug 2025 17:18		CG/JU	Ok
13	Q2924-06	MW-2A-082025	BP025590.D	26 Aug 2025 17:59		CG/JU	Ok
14	Q2936-02	MW-19B-082125	BP025591.D	26 Aug 2025 18:41	Need 20X Dilution, Then decide further dilution.	CG/JU	Dilution
15	Q2947-03	235	BP025592.D	26 Aug 2025 19:22		CG/JU	Ok,M
16	Q2892-02	1-FLOOR-NORTH-EAS	BP025593.D	26 Aug 2025 20:03		CG/JU	Ok
17	Q2928-01	27-BELL	BP025594.D	26 Aug 2025 20:44		CG/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082725

Review By	Rahul	Review On	8/28/2025 8:32:26 AM		
Supervise By	Jagrut	Supervise On	8/28/2025 1:40:30 PM		
SubDirectory	BP082725	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025595.D	27 Aug 2025 08:58		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025596.D	27 Aug 2025 09:39		CG/JU	Ok
3	PB169370BL	PB169370BL	BP025597.D	27 Aug 2025 10:20		CG/JU	Ok
4	PB169370BS	PB169370BS	BP025598.D	27 Aug 2025 11:01		CG/JU	Ok
5	PB169382BL	PB169382BL	BP025599.D	27 Aug 2025 11:42		CG/JU	Ok
6	PB169382BS	PB169382BS	BP025600.D	27 Aug 2025 12:23		CG/JU	Ok
7	Q2924-02	MW-201-082025	BP025601.D	27 Aug 2025 13:37	Need 20X dilution then decide further dilution	CG/JU	Dilution
8	Q2924-03MS	MW-201-082025MS	BP025602.D	27 Aug 2025 14:18		CG/JU	Ok,M
9	Q2924-04MSD	MW-201-082025MSD	BP025603.D	27 Aug 2025 15:00		CG/JU	Ok,M
10	Q2936-02DL	MW-19B-082125DL	BP025604.D	27 Aug 2025 15:41	Need further 5X dilution	CG/JU	Dilution
11	Q2936-02DL2	MW-19B-082125DL2	BP025605.D	27 Aug 2025 16:22		CG/JU	Ok
12	Q2921-01	MW1	BP025606.D	27 Aug 2025 17:03		CG/JU	Ok
13	Q2924-02DL	MW-201-082025DL	BP025607.D	27 Aug 2025 17:44	Need further 10X dilution	CG/JU	Dilution
14	Q2924-02DL2	MW-201-082025DL2	BP025608.D	27 Aug 2025 18:26		CG/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169362

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 08/22/2025

Extraction Start Time : 10:34

Extraction End Date : 08/22/2025

Extraction End Time : 15:45

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	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
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	E3964
Baked Na2SO4	N/A	EP2632
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH, 1.5ML Vial Lot # 2210443.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/22/25	RS (Ext Lab)	RC/SVOC
15:50	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169362

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 08/22/2025

Sample ID	Client Sample ID	Test	g /mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169362BL	SBLK362	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB169362BS	SLCS362	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
Q2921-01	MW1	SVOCMS Group1	950	6	RUPESH	ritesh	1	C		3
Q2924-01	MW-10C-082025	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		4
Q2924-02	MW-201-082025	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	C		5
Q2924-03	Q2924-02MS	SVOC-TCL BNA -20	970	6	RUPESH	ritesh	1	C		6
Q2924-04	Q2924-02MSD	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	C		7
Q2924-05	MW-2B-082025	SVOC-TCL BNA -20	960	6	RUPESH	ritesh	1	C		8
Q2924-06	MW-2A-082025	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		9
Q2924-07	MW-18C-082025	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	C		10
Q2924-08	MW-16A-082025	SVOC-TCL BNA -20	910	6	RUPESH	ritesh	1	C		11
Q2924-09	MW-16C-082025	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	C		12
Q2924-10	MW-8A-082025	SVOC-TCL BNA -20	930	6	RUPESH	ritesh	1	C		13
Q2924-11	FB-01-082025	SVOC-TCL BNA -20	960	6	RUPESH	ritesh	1	C		14
Q2934-01	ENV-SW01	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	F		15
Q2934-02	ENV-SW02	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	F		16
Q2934-03	ENV-SW03	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	F		SEP-1
Q2934-04	ENV-SW04	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	F		2
Q2936-01	MW-19A-082125	SVOC-TCL BNA -20	850	6	RUPESH	ritesh	1	C		3
Q2936-02	MW-19B-082125	SVOC-TCL BNA -20	900	6	RUPESH	ritesh	1	C		4
Q2936-03	MW-19C-082125	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	C		5
Q2936-04	FB-02-082125	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	C		6

RS 8/22

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

Q2921 9362 10:34

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2924 **WorkList ID :** 191429 **Department :** Extraction **Date :** 08-22-2025 10:22:28

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2921-01	MW1	Water	SVOCMS Group1	Cool 4 deg C	GENV01	D11	08/20/2025	8270E
Q2924-01	MW-10C-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-02	MW-201-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-03	Q2924-02MS	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-04	Q2924-02MSD	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-05	MW-2B-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-06	MW-2A-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-07	MW-18C-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-08	MW-16A-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-09	MW-16C-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-10	MW-8A-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-11	FB-01-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2934-01	ENV-SW01	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	D41	08/21/2025	8270E
Q2934-02	ENV-SW02	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	D41	08/21/2025	8270E
Q2934-03	ENV-SW03	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	D41	08/21/2025	8270E
Q2934-04	ENV-SW04	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	D41	08/21/2025	8270E
Q2936-01	MW-19A-082125	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	08/21/2025	8270E
Q2936-02	MW-19B-082125	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	08/21/2025	8270E
Q2936-03	MW-19C-082125	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	08/21/2025	8270E
Q2936-04	FB-02-082125	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	08/21/2025	8270E

213 of 218

Date/Time 8/22/25 10:30
Raw Sample Received by: RS (Ext (acb)
Raw Sample Relinquished by:

Date/Time 8/22/25 11:15
Raw Sample Received by:
Raw Sample Relinquished by: RS (Ext-(acb)

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

LAB CHRONICLE

OrderID:	Q2921	**OrderDate:**	8/20/2025 3:10:18 PM
Client:	G Environmental	**Project:**	120 Petro NJ
Contact:	Gary Landis	**Location:**	D11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2921-01	**MW1**	**Water**			**08/20/25**			**08/20/25**
			SVOCMS Group1	8270E		08/22/25	08/27/25	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2921
COC Number 2047513

7
7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: GECP INC
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE NJ ZIP 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 120 Retro
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GECP INC PO#:
ADDRESS: 8 CARRIAGE Lane
CITY Succasunna NJ STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☒ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other Excel/pdf
- ☒ EDD FORMAT NJDEP

ANALYSIS

1: TCL VOC + 15
3: TCL BN + 15 (No Low Level BNs)

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 (HCl)	2	3 (ICE)	4	5	6	7	8	9	COMMENTS
1.	MW1	GW		X	8/20/25	1345	4	X		X							
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/20/25 1500	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 1.9 °C
Comments: TR Cont 1

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2921 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 8/20/2025 3:10:18 PM
Project Name : 120 Petro
Receive DateTime : 8/20/2025 3:09:00 PM
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
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
Q2921-01	MW1	Water	08/20/2025	13:45					
					VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By : CP
Date / Time : 8/20/25 15:25

Received By : [signature]
Date / Time : 08/20/25 15:25

Storage Area : VOA Refridgerator Room