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

DATA PACKAGE

GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS

PROJECT NAME : SEELY

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q2125

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

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DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technicle Group LLC

Client : G Environmental

Project Location :

Project Number :

Laboratory Sample ID(s) : Q2125

Sampling Date(s) : 5/23/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **1312,8270E,NJEPH,SOP**

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

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

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Cover Page

Order ID : Q2125

Project ID : Seely

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2125-01	GSB1
Q2125-02	GSB2
Q2125-03	GSB3
Q2125-04	GSB4
Q2125-05	GSB5
Q2125-07	GSB3
Q2125-08	GSB3

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 9:44 am, Jun 16, 2025

Date: 6/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: Seely
Project # N/A
Order ID # Q2125
Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:
7 Solid samples were received on 05/23/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: EPH_F2, SPLP BNA Group1, SPLP Extraction and SVOCMS Group1. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um dfThe samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group1 was based on method 8270E and extraction was done based on method 3541.

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

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was
The soil samples results are based on a dry weight basis.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount

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for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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

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

Signature_____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 9:44 am, Jun 16, 2025

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CASE NARRATIVE

G Environmental
Project Name: Seely
Project # N/A
Order ID # Q2125
Test Name: SPLP BNA Group1

A. Number of Samples and Date of Receipt:
7 Solid samples were received on 05/23/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: EPH_F2, SPLP BNA Group1, SPLP Extraction and SVOCMS Group1. This data package contains results for SPLP BNA Group1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SPLP BNA Group1 was based on method 8270E and extraction was done based on method 3541.

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

The MS {Q2125-08MS} with File ID: BM050241.D recoveries met the requirements for all compounds except for 2-Methylnaphthalene[300%],this compound did not meet the NJDKQP criteria and in-house criteria due to matrix interference.

The MSD {Q2125-08MSD} with File ID: BM050242.D recoveries met the acceptable requirements except for 2-Methylnaphthalene[300%],this compound did not meet the NJDKQP criteria and in-house criteria due to matrix interference.

The RPD met criteria .
The Blank Spike met requirements for all samples .

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

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E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

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

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

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

Signature

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CASE NARRATIVE

G Environmental
Project Name: Seely
Project # N/A
Order ID # Q2125
Test Name: EPH_F2

A. Number of Samples and Date of Receipt:
5 Solid samples were received on 05/23/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: EPH_F2. This data package contains results for EPH_F2.

C. Analytical Techniques:
The analysis were performed on instrument FID_C. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analysis of EPH_F2s was based on method NJEPH and extraction was done based on method 3541.

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

The Surrogate recoveries met the acceptable criteria except for GSB1DL [1-chlorooctadecane (SURR) - 0%, ortho-Terphenyl (SURR) - 0%], GSB3DL [1-chlorooctadecane (SURR) - 0% and ortho-Terphenyl (SURR) - 0%]. Due to high concentration of compounds, these samples required dilution. Therefore, samples were reanalyzed with dilution and reported

The Retention Times were acceptable for all samples.
The MS {Q2125-05MS} with File ID: FC069038.D recoveries met the requirements for all compounds except for Aliphatic C9-C28[27%] due to matrix interference .
The MSD {Q2125-05MSD} with File ID: FC069039.D recoveries met the acceptable requirements except for Aliphatic C9-C28[25%] due to matrix interference .
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

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

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

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed 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 9:45 am, Jun 16, 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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2125

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

QA Review Signature: SOHIL JODHANI **Date:** 06/13/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2125

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : GSB3								
Q2125-07	GSB3	SOIL	2-Methylnaphthalene	860.000		28.9	190	ug/Kg
			Total Svoc :	**860.00**				
			Total Concentration:	**860.00**				

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental			Date Collected:	05/23/25
Project:	Seely			Date Received:	05/23/25
Client Sample ID:	GSB3			SDG No.:	Q2125
Lab Sample ID:	Q2125-07			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	88.3
Sample Wt/Vol:	30.07	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024920.D	1	06/04/25 09:10	06/11/25 20:30	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	25.6	U	25.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	860		28.9	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	46.1		30 (18) - 130 (107)	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	47.1		30 (20) - 130 (109)	47%	SPK: 100
1718-51-0	Terphenyl-d14	48.5		30 (10) - 130 (105)	49%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	365000	7.608			
1146-65-2	Naphthalene-d8	1420000	10.384			
15067-26-2	Acenaphthene-d10	870000	14.26			
1517-22-2	Phenanthrene-d10	1660000	17.072			
1719-03-5	Chrysene-d12	1830000	21.483			
1520-96-3	Perylene-d12	2100000	24.748			

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

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168234BL	PB168234BL	Nitrobenzene-d5	100	75.3	75		30 (18)	130 (107)
		2-Fluorobiphenyl	100	71.9	72		30 (20)	130 (109)
		Terphenyl-d14	100	72.1	72		30 (10)	130 (105)
PB168234BS	PB168234BS	Nitrobenzene-d5	100	76.0	76		30 (18)	130 (107)
		2-Fluorobiphenyl	100	74.1	74		30 (20)	130 (109)
		Terphenyl-d14	100	80.6	81		30 (10)	130 (105)
Q2125-07	GSB3	Nitrobenzene-d5	100	46.1	46		30 (18)	130 (107)
		2-Fluorobiphenyl	100	47.1	47		30 (20)	130 (109)
		Terphenyl-d14	100	48.5	49		30 (10)	130 (105)
Q2159-01MS	TP05-MHO-WCMS	Nitrobenzene-d5	100	47.4	47		30 (18)	130 (107)
		2-Fluorobiphenyl	100	45.5	46		30 (20)	130 (109)
		Terphenyl-d14	100	35.2	35		30 (10)	130 (105)
Q2159-01MSD	TP05-MHO-WCMSD	Nitrobenzene-d5	100	45.8	46		30 (18)	130 (107)
		2-Fluorobiphenyl	100	45.1	45		30 (20)	130 (109)
		Terphenyl-d14	100	32.4	32		30 (10)	130 (105)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2159-01MS		**Client Sample ID: TP05-MHO-WCMS**						**DataFile: BF142605.D**			
Naphthalene	1200	0	1100	ug/Kg	92				70 (51)	130 (121)	
2-Methylnaphthalene	1200	0	1100	ug/Kg	92				70 (59)	130 (123)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2159-01MSD		**Client Sample ID:** TP05-MHO-WCMSD						**DataFile:** BF142606.D			
Naphthalene	1200	0	1000	ug/Kg	83		10		70 (51)	130 (121)	30 (20)
2-Methylnaphthalene	1200	0	1000	ug/Kg	83		10		70 (59)	130 (123)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: 8270E **DataFile:** BF142726.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168234BS	Naphthalene	1700	1500	ug/Kg	88				70 (62)	130 (100)	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				70 (60)	130 (104)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168234BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BF142603.D Lab Sample ID: PB168234BL

Instrument ID: BNA_F Date Extracted: 06/04/2025

Matrix: (soil/water) SOIL Date Analyzed: 06/04/2025

Level: (low/med) LOW Time Analyzed: 13:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP05-MHO-WCMS	Q2159-01MS	BF142605.D	06/04/2025
TP05-MHO-WCMSD	Q2159-01MSD	BF142606.D	06/04/2025
PB168234BS	PB168234BS	BF142726.D	06/11/2025
GSB3	Q2125-07	BP024920.D	06/11/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BF142465.D DFTPP Injection Date: 05/20/2025

Instrument ID: BNA_F DFTPP Injection Time: 11:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.4
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	24.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	33.5
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	4.9
275	10.0 - 60.0% of mass 198	22.3
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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	BF142467.D	05/20/2025	12:10
SSTDICC005	SSTDICC005	BF142468.D	05/20/2025	12:38
SSTDICC010	SSTDICC010	BF142469.D	05/20/2025	13:07
SSTDICC020	SSTDICC020	BF142470.D	05/20/2025	13:36
SSTDICCC040	SSTDICCC040	BF142471.D	05/20/2025	14:05
SSTDICC050	SSTDICC050	BF142472.D	05/20/2025	14:34
SSTDICC060	SSTDICC060	BF142473.D	05/20/2025	15:03
SSTDICC080	SSTDICC080	BF142474.D	05/20/2025	15:31

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BF142601.D DFTPP Injection Date: 06/04/2025

Instrument ID: BNA_F DFTPP Injection Time: 11:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.2
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	25.4
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	35.2
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	5.3
275	10.0 - 60.0% of mass 198	22.8
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.9 (18.9) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142602.D	06/04/2025	12:27
PB168234BL	PB168234BL	BF142603.D	06/04/2025	13:05
TP05-MHO-WCMS	Q2159-01MS	BF142605.D	06/04/2025	14:08
TP05-MHO-WCMSD	Q2159-01MSD	BF142606.D	06/04/2025	14:38

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BF142710.D DFTPP Injection Date: 06/10/2025

Instrument ID: BNA_F DFTPP Injection Time: 15:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.1
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	28.7
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	10.0 - 80.0% of mass 198	39.5
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	5.9
275	10.0 - 60.0% of mass 198	24.8
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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	BF142712.D	06/10/2025	16:54
SSTDICC005	SSTDICC005	BF142713.D	06/10/2025	17:24
SSTDICC010	SSTDICC010	BF142714.D	06/10/2025	17:53
SSTDICC020	SSTDICC020	BF142715.D	06/10/2025	18:22
SSTDICCC040	SSTDICCC040	BF142716.D	06/10/2025	18:52
SSTDICC050	SSTDICC050	BF142717.D	06/10/2025	19:21
SSTDICC060	SSTDICC060	BF142718.D	06/10/2025	19:50
SSTDICC080	SSTDICC080	BF142719.D	06/10/2025	20:19

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BF142722.D DFTPP Injection Date: 06/11/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.5
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	29.7
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.8
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	5.8
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.6 (18.6) 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	BF142723.D	06/11/2025	09:24
PB168234BS	PB168234BS	BF142726.D	06/11/2025	10:51

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2125 SDG NO.: Q2125

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

Instrument ID: BNA_P DFTPP Injection Time: 09:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	31.2
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	84
443	15.0 - 24.0% of mass 442	16.1 (19.2) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP024860.D	06/06/2025	10:30
SSTDICC005	SSTDICC005	BP024861.D	06/06/2025	11:11
SSTDICC010	SSTDICC010	BP024862.D	06/06/2025	11:52
SSTDICC020	SSTDICC020	BP024863.D	06/06/2025	12:33
SSTDICCC040	SSTDICCC040	BP024864.D	06/06/2025	13:14
SSTDICC050	SSTDICC050	BP024865.D	06/06/2025	13:56
SSTDICC060	SSTDICC060	BP024866.D	06/06/2025	14:37
SSTDICC080	SSTDICC080	BP024867.D	06/06/2025	15:18

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BP024904.D DFTPP Injection Date: 06/11/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	34.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45.8
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	30.8
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	84
443	15.0 - 24.0% of mass 442	16.1 (19.1) 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	BP024905.D	06/11/2025	10:09
GSB3	Q2125-07	BP024920.D	06/11/2025	20:30

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/04/2025

Lab File ID: BF142602.D Time Analyzed: 12:27

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	118699	6.898	454762	8.18	238732	9.94
	UPPER LIMIT	237398	7.398	909524	8.68	477464	10.439
	LOWER LIMIT	59349.5	6.398	227381	7.68	119366	9.439
	EPA SAMPLE NO.						
01	PB168234BL	131273	6.89	500088	8.18	273312	9.93
02	TP05-MHO-WCMS	119687	6.90	441391	8.18	218918	9.94
03	TP05-MHO-WCMSD	117119	6.90	429653	8.18	207287	9.94

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/04/2025

Lab File ID: BF142602.D Time Analyzed: 12:27

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	393948	11.427	204352	14.068	242845	15.562
	UPPER LIMIT	787896	11.927	408704	14.568	485690	16.062
	LOWER LIMIT	196974	10.927	102176	13.568	121423	15.062
	EPA SAMPLE NO.						
01	PB168234BL	477318	11.42	281764	14.06	248996	15.56
02	TP05-MHO-WCMS	322457	11.43	216030	14.07	272895	15.56
03	TP05-MHO-WCMSD	289513	11.42	207868	14.07	274922	15.56

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/11/2025

Lab File ID: BF142723.D Time Analyzed: 09:24

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	78219	6.892	306828	8.18	172169	9.94
	UPPER LIMIT	156438	7.392	613656	8.681	344338	10.439
	LOWER LIMIT	39109.5	6.392	153414	7.681	86084.5	9.439
	EPA SAMPLE NO.						
01	PB168234BS	83192	6.89	318279	8.18	176454	9.93

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/11/2025

Lab File ID: BF142723.D Time Analyzed: 09:24

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	291189	11.427	151467	14.068	144700	15.562
	UPPER LIMIT	582378	11.927	302934	14.568	289400	16.062
	LOWER LIMIT	145595	10.927	75733.5	13.568	72350	15.062
	EPA SAMPLE NO.						
01	PB168234BS	298489	11.43	155305	14.07	159844	15.56

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/11/2025

Lab File ID: BP024905.D Time Analyzed: 10:09

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	246136	7.607	989564	10.38	627529	14.25
	UPPER LIMIT	492272	8.107	1979130	10.878	1255060	14.754
	LOWER LIMIT	123068	7.107	494782	9.878	313765	13.754
	EPA SAMPLE NO.						
01	GSB3	364655	7.61	1419200	10.38	870320	14.26

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/11/2025

Lab File ID: BP024905.D Time Analyzed: 10:09

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	1260450	17.06	1315010	21.501	1616000	24.765
	UPPER LIMIT	2520900	17.56	2630020	22.001	3232000	25.265
	LOWER LIMIT	630225	16.56	657505	21.001	808000	24.265
	EPA SAMPLE NO.						
01	GSB3	1663800	17.07	1827900	21.48	2099390	24.75

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

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

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

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Seely			Date Received:	
Client Sample ID:	PB168234BL			SDG No.:	Q2125
Lab Sample ID:	PB168234BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142603.D	1	06/04/25 09:10	06/04/25 13:05	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	75.3		30 (18) - 130 (107)	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.9		30 (20) - 130 (109)	72%	SPK: 100
1718-51-0	Terphenyl-d14	72.1		30 (10) - 130 (105)	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	131000	6.893			
1146-65-2	Naphthalene-d8	500000	8.175			
15067-26-2	Acenaphthene-d10	273000	9.934			
1517-22-2	Phenanthrene-d10	477000	11.422			
1719-03-5	Chrysene-d12	282000	14.063			
1520-96-3	Perylene-d12	249000	15.563			

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

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Seely			Date Received:	
Client Sample ID:	PB168234BS			SDG No.:	Q2125
Lab Sample ID:	PB168234BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142726.D	1	06/04/25 09:10	06/11/25 10:51	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		25.6	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	76.0		30 (18) - 130 (107)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.1		30 (20) - 130 (109)	74%	SPK: 100
1718-51-0	Terphenyl-d14	80.6		30 (10) - 130 (105)	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	83200	6.893			
1146-65-2	Naphthalene-d8	318000	8.181			
15067-26-2	Acenaphthene-d10	176000	9.934			
1517-22-2	Phenanthrene-d10	298000	11.428			
1719-03-5	Chrysene-d12	155000	14.069			
1520-96-3	Perylene-d12	160000	15.563			

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

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Report of Analysis

Client:	G Environmental	Date Collected:	05/29/25
Project:	Seely	Date Received:	05/29/25
Client Sample ID:	TP05-MHO-WCMS	SDG No.:	Q2125
Lab Sample ID:	Q2159-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83
Sample Wt/Vol:	50.04 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142605.D	1	06/04/25 09:10	06/04/25 14:08	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1100		16.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		18.5	120	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	47.4		30 (18) - 130 (107)	47%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.5		30 (20) - 130 (109)	46%	SPK: 100
1718-51-0	Terphenyl-d14	35.2		30 (10) - 130 (105)	35%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	120000	6.898			
1146-65-2	Naphthalene-d8	441000	8.181			
15067-26-2	Acenaphthene-d10	219000	9.939			
1517-22-2	Phenanthrene-d10	322000	11.428			
1719-03-5	Chrysene-d12	216000	14.069			
1520-96-3	Perylene-d12	273000	15.563			

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

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Report of Analysis

Client:	G Environmental	Date Collected:	05/29/25
Project:	Seely	Date Received:	05/29/25
Client Sample ID:	TP05-MHO-WCMSD	SDG No.:	Q2125
Lab Sample ID:	Q2159-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83
Sample Wt/Vol:	50.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142606.D	1	06/04/25 09:10	06/04/25 14:38	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1000		16.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	1000		18.5	120	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	45.8		30 (18) - 130 (107)	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.1		30 (20) - 130 (109)	45%	SPK: 100
1718-51-0	Terphenyl-d14	32.4		30 (10) - 130 (105)	32%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	117000	6.898			
1146-65-2	Naphthalene-d8	430000	8.181			
15067-26-2	Acenaphthene-d10	207000	9.939			
1517-22-2	Phenanthrene-d10	290000	11.421			
1719-03-5	Chrysene-d12	208000	14.068			
1520-96-3	Perylene-d12	275000	15.562			

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

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 20 16:26:47 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142467.D 5 =BF142468.D 10 =BF142469.D 20 =BF142470.D 40 =BF142471.D 50 =BF142472.D 60 =BF142473.D 80 =BF1424
74.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.493	0.460	0.474	0.458	0.500	0.486	0.456	0.475	3.79
3)		Pyridine		1.237	1.150	1.212	1.170	1.273	1.234	1.190	1.210	3.52
4)		n-Nitrosodimet...		0.612	0.593	0.627	0.619	0.673	0.652	0.621	0.628	4.21
5)	S	2-Fluorophenol		1.264	1.214	1.225	1.125	1.220	1.164	1.098	1.187	5.03
6)		Aniline		2.044	1.889	1.963	1.844	1.993	1.910	1.808	1.921	4.35
7)	S	Phenol-d6		1.530	1.449	1.459	1.367	1.467	1.403	1.328	1.429	4.77
8)		2-Chlorophenol		1.345	1.293	1.315	1.252	1.338	1.285	1.223	1.293	3.44
9)		Benzaldehyde		1.035	0.975	0.969	0.817	0.872	0.758	0.591	0.859	17.81
10)	C	Phenol		1.716	1.621	1.646	1.530	1.657	1.597	1.487	1.608	4.85
11)		bis(2-Chloroet...		1.202	1.155	1.168	1.108	1.209	1.156	1.105	1.157	3.52
12)		1,3-Dichlorobe...		1.562	1.470	1.473	1.389	1.482	1.407	1.317	1.443	5.48
13)	C	1,4-Dichlorobe...		1.540	1.476	1.491	1.407	1.495	1.430	1.335	1.453	4.70
14)		1,2-Dichlorobe...		1.495	1.405	1.436	1.327	1.432	1.357	1.284	1.391	5.20
15)		Benzyl Alcohol		1.059	1.024	1.058	1.021	1.131	1.073	1.026	1.056	3.69
16)		2,2'-oxybis(1-...		2.082	1.978	1.983	1.868	2.011	1.898	1.786	1.944	5.11
17)		2-Methylphenol		1.040	0.992	1.026	0.976	1.053	1.015	0.965	1.010	3.27
18)		Hexachloroethane		0.533	0.503	0.523	0.489	0.529	0.497	0.477	0.507	4.23
19)	P	n-Nitroso-di-n...	0.923	0.941	0.880	0.900	0.843	0.912	0.866	0.819	0.886	4.69
20)		3+4-Methylphenols		1.412	1.319	1.337	1.246	1.337	1.250	1.149	1.293	6.59
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.480	0.453	0.459	0.429	0.452	0.428	0.399	0.443	5.98
23)	S	Nitrobenzene-d5		0.376	0.365	0.379	0.356	0.382	0.363	0.347	0.367	3.51
24)		Nitrobenzene		0.338	0.328	0.338	0.323	0.343	0.331	0.316	0.331	2.94
25)		Isophorone		0.636	0.615	0.620	0.593	0.638	0.607	0.585	0.613	3.26
26)	C	2-Nitrophenol		0.167	0.170	0.180	0.175	0.190	0.182	0.173	0.177	4.44
27)		2,4-Dimethylph...		0.315	0.315	0.318	0.303	0.325	0.312	0.295	0.312	3.22
28)		bis(2-Chloroet...		0.406	0.394	0.394	0.364	0.391	0.375	0.358	0.383	4.63
29)	C	2,4-Dichloroph...		0.288	0.282	0.290	0.276	0.300	0.283	0.266	0.283	3.74
30)		1,2,4-Trichlor...		0.325	0.313	0.317	0.295	0.320	0.300	0.284	0.308	4.89
31)		Naphthalene		1.061	1.021	1.020	0.941	1.007	0.953	0.891	0.985	5.94
32)		Benzoic acid			0.153	0.176	0.188	0.211	0.209	0.201	0.190	11.73
33)		4-Chloroaniline		0.424	0.409	0.416	0.389	0.415	0.397	0.343	0.399	6.87
34)	C	Hexachlorobuta...		0.203	0.192	0.197	0.187	0.198	0.192	0.176	0.192	4.52
35)		Caprolactam		0.081	0.076	0.083	0.079	0.085	0.078	0.076	0.080	4.29
36)	C	4-Chloro-3-met...		0.304	0.290	0.299	0.282	0.301	0.287	0.271	0.291	4.02
37)		2-Methylnaphth...		0.679	0.638	0.646	0.590	0.631	0.598	0.556	0.620	6.62
38)		1-Methylnaphth...		0.703	0.668	0.672	0.615	0.650	0.611	0.566	0.641	7.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.592	0.580	0.588	0.552	0.592	0.573	0.544	0.574	3.39
41)	P	Hexachlorocycl...	0.318	0.350	0.383	0.393	0.430	0.425	0.411	0.387	10.57
42)	S	2,4,6-Tribromo...	0.230	0.225	0.234	0.211	0.233	0.218	0.202	0.222	5.39
43)	C	2,4,6-Trichlor...	0.387	0.373	0.406	0.371	0.406	0.388	0.379	0.387	3.69
44)		2,4,5-Trichlor...	0.410	0.411	0.416	0.395	0.437	0.408	0.381	0.408	4.27
45)	S	2-Fluorobiphenyl	1.726	1.619	1.558	1.387	1.480	1.396	1.268	1.490	10.46
46)		1,1'-Biphenyl	1.672	1.605	1.595	1.480	1.595	1.507	1.408	1.552	5.82
47)		2-Chloronaphth...	1.218	1.170	1.177	1.094	1.183	1.122	1.061	1.146	4.84
48)		2-Nitroaniline	0.333	0.318	0.338	0.324	0.354	0.332	0.320	0.331	3.72
49)		Acenaphthylene	2.064	1.982	2.027	1.851	1.998	1.885	1.745	1.936	5.85
50)		Dimethylphthalate	1.441	1.340	1.367	1.255	1.366	1.256	1.211	1.320	6.16
51)		2,6-Dinitrotol...	0.290	0.283	0.289	0.280	0.302	0.281	0.268	0.285	3.74
52)	C	Acenaphthene	1.259	1.222	1.227	1.120	1.223	1.146	1.077	1.182	5.72
53)		3-Nitroaniline	0.320	0.309	0.327	0.299	0.330	0.305	0.287	0.311	5.02
54)	P	2,4-Dinitrophenol		0.110	0.137	0.149	0.169	0.160	0.158	0.147	14.36
55)		Dibenzofuran	1.886	1.766	1.768	1.606	1.736	1.635	1.509	1.701	7.38
56)	P	4-Nitrophenol	0.221	0.217	0.242	0.227	0.252	0.229	0.220	0.230	5.57
57)		2,4-Dinitrotol...	0.372	0.367	0.387	0.364	0.398	0.372	0.344	0.372	4.62
58)		Fluorene	1.477	1.399	1.372	1.231	1.343	1.238	1.140	1.314	8.85
59)		2,3,4,6-Tetrac...	0.347	0.336	0.360	0.333	0.361	0.333	0.317	0.341	4.71
60)		Diethylphthalate	1.422	1.310	1.359	1.231	1.343	1.218	1.140	1.289	7.51
61)		4-Chlorophenyl...	0.724	0.678	0.676	0.609	0.653	0.612	0.566	0.646	8.25
62)		4-Nitroaniline	0.303	0.283	0.303	0.277	0.294	0.265	0.251	0.282	6.95
63)		Azobenzene	1.239	1.194	1.188	1.107	1.197	1.123	1.055	1.158	5.55
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...	0.086	0.094	0.110	0.115	0.129	0.125	0.123	0.112	14.72
66)	c	n-Nitrosodiphe...	0.712	0.682	0.696	0.649	0.697	0.694	0.660	0.684	3.30
67)		4-Bromophenyl-...	0.240	0.235	0.239	0.222	0.246	0.243	0.230	0.236	3.45
68)		Hexachlorobenzene	0.265	0.267	0.263	0.251	0.273	0.262	0.250	0.262	3.19
69)		Atrazine	0.184	0.174	0.186	0.178	0.196	0.181	0.174	0.182	4.29
70)	C	Pentachlorophenol	0.130	0.135	0.149	0.147	0.162	0.157	0.154	0.148	7.88
71)		Phenanthrene	1.196	1.094	1.100	1.012	1.085	1.033	0.964	1.069	7.00
72)		Anthracene	1.191	1.132	1.124	1.036	1.110	1.048	0.996	1.091	6.15
73)		Carbazole	1.030	0.968	0.982	0.889	0.950	0.877	0.832	0.933	7.39
74)		Di-n-butylphth...	1.108	1.039	1.083	0.976	1.059	0.974	0.908	1.021	6.95
75)	C	Fluoranthene	1.177	1.081	1.052	0.938	0.997	0.901	0.846	0.999	11.41
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.670	0.782	0.903	0.797	0.805	0.698	0.556	0.744	15.12
78)		Pyrene	1.929	1.967	2.066	1.859	1.959	1.773	1.507	1.866	9.79
79)	S	Terphenyl-d14	1.624	1.582	1.660	1.423	1.492	1.337	1.126	1.464	12.80
80)		Butylbenzylpht...	0.462	0.453	0.525	0.526	0.575	0.550	0.517	0.516	8.54
81)		Benzo(a)anthra...	1.424	1.287	1.403	1.278	1.391	1.327	1.238	1.336	5.36
82)		3,3'-Dichlorob...	0.360	0.364	0.402	0.407	0.444	0.442	0.417	0.405	8.30
83)		Chrysene	1.222	1.204	1.193	1.145	1.255	1.223	1.158	1.200	3.20
84)		Bis(2-ethylhex...	0.510	0.548	0.618	0.673	0.765	0.778	0.727	0.660	15.91
85)	c	Di-n-octyl pht...		0.958	1.108	1.266	1.432	1.542	1.437	1.290	17.30

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.421	1.495	1.583	1.448	1.583	1.546	1.434	1.501	4.64
88)		Benzo(b)fluora...	1.317	1.105	1.293	1.126	1.209	1.122	1.114	1.184	7.62
89)		Benzo(k)fluora...	1.191	1.166	1.032	1.042	1.178	1.128	1.023	1.109	6.68
90)	C	Benzo(a)pyrene	1.154	1.081	1.114	1.081	1.185	1.133	1.062	1.116	4.00
91)		Dibenzo(a,h)an...	1.152	1.228	1.275	1.184	1.290	1.245	1.149	1.218	4.67
92)		Benzo(g,h,i)pe...	1.154	1.220	1.270	1.180	1.299	1.245	1.158	1.218	4.64

(#) = Out of Range

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 11 05:56:09 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142712.D 5.0 =BF142713.D 10 =BF142714.D 20 =BF142715.D 40 =BF142716.D 50 =BF142717.D 60 =BF142718.D 80 =BF1427
19.D

		Compound	2.5	5.0	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.499	0.448	0.472	0.455	0.481	0.460	0.439	0.465	4.40
3)		Pyridine		1.172	1.129	1.159	1.160	1.222	1.193	1.122	1.165	3.00
4)		n-Nitrosodimet...			0.558	0.590	0.591	0.633	0.617	0.588	0.596	4.36
5)	S	2-Fluorophenol		1.238	1.170	1.199	1.161	1.220	1.156	1.075	1.174	4.55
6)		Aniline		1.866	1.788	1.894	1.848	1.955	1.861	1.736	1.850	3.83
7)	S	Phenol-d6		1.434	1.339	1.400	1.376	1.446	1.377	1.302	1.382	3.67
8)		2-Chlorophenol		1.288	1.254	1.300	1.290	1.347	1.286	1.219	1.283	3.09
9)		Benzaldehyde			0.943	0.950	0.839	0.839	0.708		0.856	11.52
10)	C	Phenol		1.550	1.503	1.577	1.522	1.607	1.547	1.446	1.536	3.42
11)		bis(2-Chloroet...		1.222	1.118	1.149	1.130	1.202	1.131	1.079	1.147	4.29
12)		1,3-Dichlorobe...		1.557	1.483	1.504	1.451	1.513	1.411	1.333	1.465	5.08
13)	C	1,4-Dichlorobe...		1.596	1.483	1.519	1.454	1.528	1.431	1.349	1.480	5.34
14)		1,2-Dichlorobe...		1.554	1.418	1.444	1.401	1.457	1.375	1.282	1.419	5.83
15)		Benzyl Alcohol			0.970	1.049	1.059	1.121	1.061	1.007	1.045	4.95
16)		2,2'-oxybis(1-...		1.957	1.812	1.840	1.806	1.875	1.746	1.609	1.806	6.03
17)		2-Methylphenol		0.978	0.950	0.995	0.992	1.043	0.995	0.933	0.984	3.61
18)		Hexachloroethane		0.562	0.521	0.545	0.524	0.552	0.522	0.488	0.530	4.69
19)	P	n-Nitroso-di-n...	0.885	0.912	0.870	0.886	0.878	0.921	0.863	0.823	0.880	3.43
20)		3+4-Methylphenols			1.261	1.285	1.246	1.299	1.218	1.134	1.240	4.80
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.475	0.451	0.458	0.435	0.454	0.433	0.408	0.445	4.79
23)	S	Nitrobenzene-d5		0.381	0.363	0.369	0.358	0.378	0.363	0.346	0.365	3.24
24)		Nitrobenzene		0.338	0.313	0.326	0.320	0.335	0.327	0.312	0.324	3.10
25)		Isophorone		0.657	0.621	0.628	0.603	0.630	0.606	0.585	0.619	3.77
26)	C	2-Nitrophenol		0.172	0.174	0.183	0.181	0.192	0.187	0.178	0.181	3.92
27)		2,4-Dimethylph...		0.318	0.303	0.311	0.304	0.321	0.308	0.292	0.308	3.14
28)		bis(2-Chloroet...		0.408	0.381	0.392	0.377	0.397	0.378	0.356	0.384	4.31
29)	C	2,4-Dichloroph...		0.284	0.281	0.292	0.280	0.300	0.285	0.269	0.284	3.51
30)		1,2,4-Trichlor...		0.337	0.313	0.322	0.306	0.322	0.307	0.294	0.314	4.42
31)		Naphthalene		1.065	0.997	1.021	0.972	1.008	0.958	0.903	0.989	5.20
32)		Benzoic acid			0.137	0.162	0.174	0.192	0.190	0.186	0.174	12.16
33)		4-Chloroaniline		0.429	0.389	0.399	0.399	0.408	0.386	0.370	0.397	4.68
34)	C	Hexachlorobuta...		0.210	0.204	0.206	0.197	0.205	0.196	0.184	0.200	4.41
35)		Caprolactam			0.077	0.079	0.075	0.079	0.077	0.074	0.077	2.82
36)	C	4-Chloro-3-met...		0.317	0.299	0.303	0.289	0.301	0.287	0.273	0.296	4.76
37)		2-Methylnaphth...		0.674	0.649	0.641	0.618	0.636	0.599	0.565	0.626	5.72
38)		1-Methylnaphth...		0.727	0.666	0.669	0.629	0.650	0.619	0.580	0.649	7.16

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061125.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.585	0.592	0.589	0.568	0.618	0.570	0.531	0.579	4.64
41)	P	Hexachlorocycl...		0.297	0.348	0.375	0.414	0.400	0.396	0.372	11.64
42)	S	2,4,6-Tribromo...	0.236	0.223	0.224	0.213	0.226	0.210	0.202	0.219	5.28
43)	C	2,4,6-Trichlor...	0.349	0.373	0.383	0.373	0.405	0.380	0.359	0.375	4.79
44)		2,4,5-Trichlor...	0.404	0.404	0.413	0.400	0.431	0.399	0.383	0.405	3.61
45)	S	2-Fluorobiphenyl	1.690	1.610	1.569	1.444	1.535	1.402	1.289	1.505	9.04
46)		1,1'-Biphenyl	1.630	1.617	1.587	1.506	1.622	1.500	1.409	1.553	5.39
47)		2-Chloronaphth...	1.190	1.172	1.178	1.117	1.197	1.108	1.047	1.144	4.82
48)		2-Nitroaniline	0.320	0.321	0.333	0.323	0.345	0.325	0.311	0.325	3.38
49)		Acenaphthylene	2.053	1.986	2.003	1.881	1.991	1.847	1.744	1.929	5.65
50)		Dimethylphthalate	1.444	1.368	1.359	1.291	1.379	1.273	1.234	1.336	5.42
51)		2,6-Dinitrotol...	0.307	0.283	0.295	0.285	0.299	0.283	0.268	0.289	4.49
52)	C	Acenaphthene	1.266	1.222	1.224	1.170	1.237	1.155	1.099	1.196	4.80
53)		3-Nitroaniline	0.334	0.313	0.316	0.307	0.322	0.304	0.295	0.313	4.08
54)	P	2,4-Dinitrophenol		0.123	0.154	0.157	0.176	0.170	0.169	0.158	12.18
55)		Dibenzofuran	1.855	1.777	1.783	1.643	1.741	1.607	1.517	1.703	6.93
56)	P	4-Nitrophenol		0.203	0.219	0.210	0.222	0.212	0.208	0.212	3.42
57)		2,4-Dinitrotol...	0.396	0.383	0.399	0.377	0.396	0.372	0.348	0.382	4.73
58)		Fluorene	1.547	1.429	1.397	1.279	1.357	1.240	1.167	1.345	9.49
59)		2,3,4,6-Tetrac...	0.364	0.339	0.357	0.327	0.354	0.332	0.311	0.340	5.58
60)		Diethylphthalate	1.508	1.392	1.372	1.256	1.332	1.246	1.164	1.324	8.55
61)		4-Chlorophenyl...	0.748	0.692	0.680	0.633	0.663	0.610	0.571	0.657	8.84
62)		4-Nitroaniline	0.297	0.281	0.294	0.270	0.283	0.275	0.261	0.280	4.58
63)		Azobenzene	1.290	1.186	1.178	1.115	1.187	1.094	1.045	1.157	6.89
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.104	0.123	0.125	0.137	0.133	0.129	0.125	9.17
66)	c	n-Nitrosodiphe...	0.710	0.679	0.693	0.672	0.722	0.685	0.651	0.687	3.45
67)		4-Bromophenyl-...	0.240	0.229	0.238	0.231	0.252	0.236	0.227	0.236	3.52
68)		Hexachlorobenzene	0.270	0.261	0.263	0.255	0.275	0.260	0.251	0.262	3.17
69)		Atrazine	0.185	0.174	0.188	0.179	0.191	0.188	0.178	0.183	3.33
70)	C	Pentachlorophenol		0.118	0.133	0.139	0.148	0.144	0.142	0.137	7.80
71)		Phenanthrene	1.165	1.100	1.094	1.036	1.091	1.035	0.978	1.071	5.61
72)		Anthracene	1.203	1.145	1.140	1.064	1.132	1.072	1.004	1.108	5.96
73)		Carbazole	1.003	0.960	0.968	0.898	0.931	0.903	0.832	0.928	6.07
74)		Di-n-butylphth...	1.105	1.048	1.072	1.005	1.053	1.017	0.953	1.036	4.76
75)	C	Fluoranthene	1.184	1.083	1.081	0.965	0.988	0.953	0.878	1.019	10.08
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.711	0.772	0.799	0.754	0.684	0.553	0.712	12.40
78)		Pyrene	2.014	1.918	1.928	1.883	1.878	1.753	1.635	1.859	6.75
79)	S	Terphenyl-d14	1.609	1.562	1.556	1.462	1.430	1.327	1.247	1.456	9.11
80)		Butylbenzylpht...	0.435	0.486	0.526	0.581	0.626	0.605	0.588	0.550	12.67
81)		Benzo(a)anthra...	1.367	1.273	1.284	1.350	1.400	1.340	1.263	1.325	3.94
82)		3,3'-Dichlorob...		0.370	0.403	0.442	0.473	0.459	0.418	0.427	8.88
83)		Chrysene	1.298	1.208	1.245	1.172	1.250	1.222	1.170	1.224	3.72
84)		Bis(2-ethylhex...	0.616	0.709	0.756	0.895	0.977	0.926	0.896	0.825	16.02
85)	c	Di-n-octyl pht...		1.284	1.385	1.677	1.816	1.680	1.654	1.582	12.84

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061125.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.438	1.406	1.458	1.498	1.602	1.514	1.460	1.482	4.31
88)		Benzo(b)fluora...	1.256	1.094	1.112	1.162	1.230	1.251	1.139	1.178	5.71
89)		Benzo(k)fluora...	1.236	1.178	1.245	1.076	1.189	1.035	1.039	1.143	7.94
90)	C	Benzo(a)pyrene	1.164	1.085	1.122	1.104	1.184	1.111	1.068	1.120	3.70
91)		Dibenzo(a,h)an...	1.134	1.176	1.214	1.236	1.318	1.222	1.172	1.210	4.87
92)		Benzo(g,h,i)pe...	1.201	1.164	1.178	1.216	1.295	1.207	1.163	1.203	3.77

(#) = Out of Range

Response Factor Report MSBNA_P

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

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

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

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

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

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

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

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG No.: Q2125

Instrument ID: BNA_F Calibration Date/Time: 06/04/2025 12:27

Lab File ID: BF142602.D Init. Calib. Date(s): 05/20/2025 05/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:10 15:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.187	1.156		-2.6	
Phenol-d6	1.429	1.374		-3.8	
Nitrobenzene-d5	0.367	0.346		-5.7	
Naphthalene	0.985	0.937		-4.9	
2-Methylnaphthalene	0.620	0.571		-7.9	
2-Fluorobiphenyl	1.490	1.357		-8.9	
2,4,6-Tribromophenol	0.222	0.201		-9.5	
Terphenyl-d14	1.464	1.299		-11.3	

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: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG No.: Q2125

Instrument ID: BNA_F Calibration Date/Time: 06/11/2025 09:24

Lab File ID: BF142723.D Init. Calib. Date(s): 06/10/2025 06/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:54 20:19

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.174	1.141		-2.8	
Phenol-d6	1.382	1.367		-1.1	
Nitrobenzene-d5	0.365	0.358		-1.9	
Naphthalene	0.989	0.976		-1.3	
2-Methylnaphthalene	0.626	0.619		-1.1	
2-Fluorobiphenyl	1.505	1.452		-3.5	
2,4,6-Tribromophenol	0.219	0.218		-0.5	
Terphenyl-d14	1.456	1.502		3.2	

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: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG No.: Q2125

Instrument ID: BNA_P Calibration Date/Time: 06/11/2025 10:09

Lab File ID: BP024905.D Init. Calib. Date(s): 06/06/2025 06/06/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.226		2.3	
Phenol-d6	1.585	1.563		-1.4	
Nitrobenzene-d5	0.412	0.408		-1.0	
Naphthalene	1.025	1.019		-0.6	
2-Methylnaphthalene	0.650	0.650		0.0	
2-Fluorobiphenyl	1.485	1.486		0.1	
2,4,6-Tribromophenol	0.277	0.297		7.2	
Terphenyl-d14	1.116	1.127		1.0	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024920.D
Acq On : 11 Jun 2025 20:30
Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GSB3

Quant Time: Jun 12 01:59:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

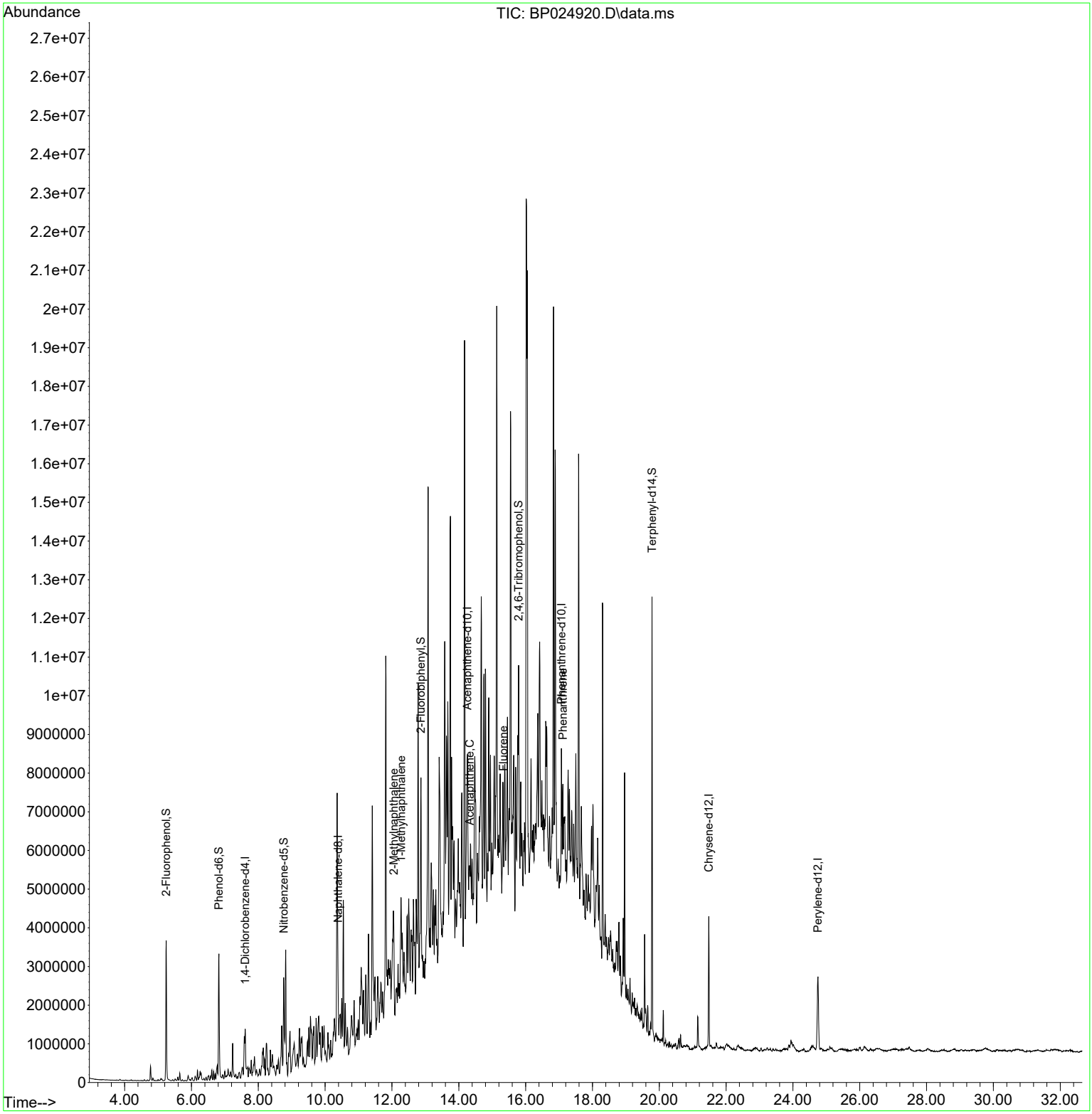
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.608	152	364655	20.000	ng		0.00
21) Naphthalene-d8	10.384	136	1419199	20.000	ng	#	0.00
39) Acenaphthene-d10	14.260	164	870320	20.000	ng		0.01
64) Phenanthrene-d10	17.072	188	1663800	20.000	ng		0.01
76) Chrysene-d12	21.483	240	1827902	20.000	ng		0.00
86) Perylene-d12	24.748	264	2099388	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.243	112	1639212	75.035	ng		0.00
7) Phenol-d6	6.819	99	2103172	72.763	ng		0.00
23) Nitrobenzene-d5	8.760	82	1347731	46.146	ng		0.00
42) 2,4,6-Tribromophenol	15.790	330	1034898	86.008	ng		0.00
45) 2-Fluorobiphenyl	12.866	172	3043416	47.107	ng		0.00
79) Terphenyl-d14	19.783	244	4948879	48.523	ng		-0.01
Target Compounds							Qvalue
37) 2-Methylnaphthalene	12.054	142	1047674	22.710	ng		98
38) 1-Methylnaphthalene	12.278	142	1126527	22.840	ng		100
52) Acenaphthene	14.325	154	166671	3.589	ng	#	85
58) Fluorene	15.331	166	369339	6.132	ng	#	85
71) Phenanthrene	17.113	178	1265783	13.767	ng	#	95

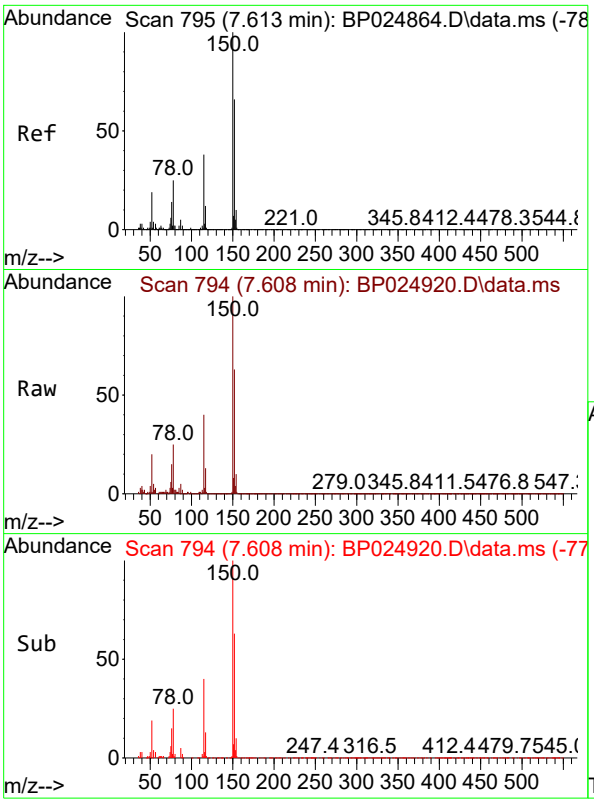
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024920.D
Acq On : 11 Jun 2025 20:30
Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GSB3

Quant Time: Jun 12 01:59:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



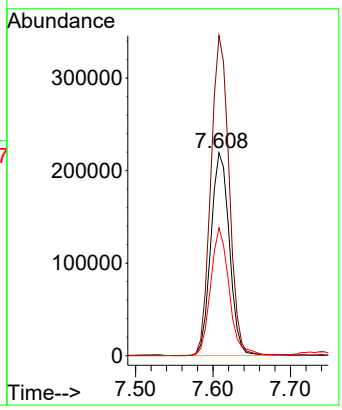


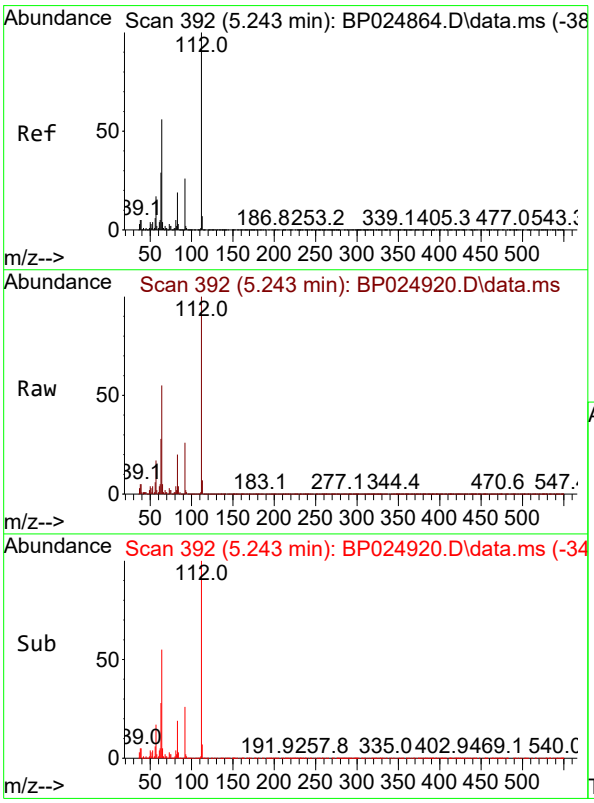
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 7
Delta R.T. -0.005 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:152 Resp: 364655

Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.1	183.1
115	63.0	46.4	69.6

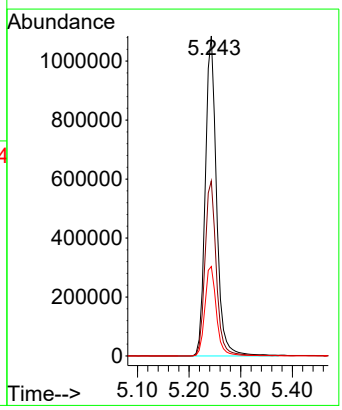


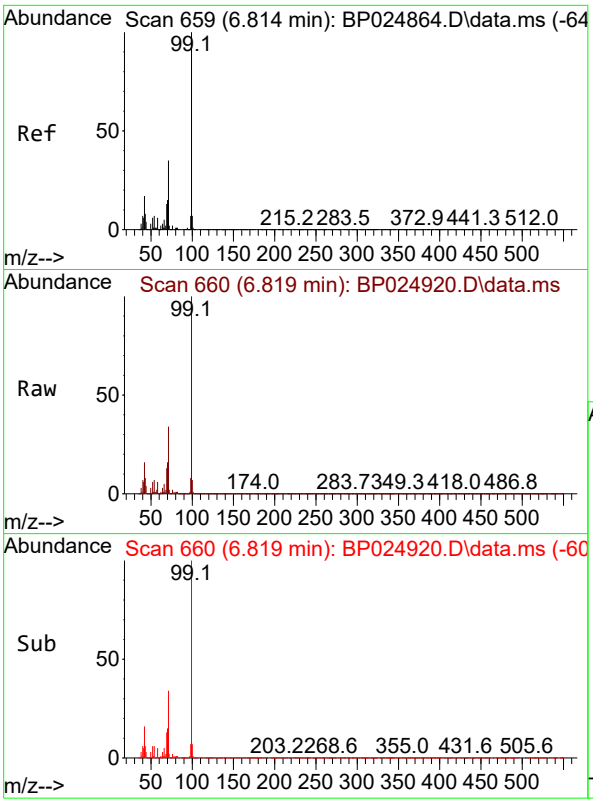


#5
2-Fluorophenol
Concen: 75.035 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:112 Resp: 1639212

Ion	Ratio	Lower	Upper
112	100		
64	54.7	44.7	67.1
63	28.0	23.5	35.3



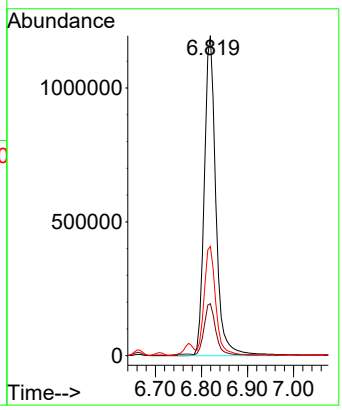


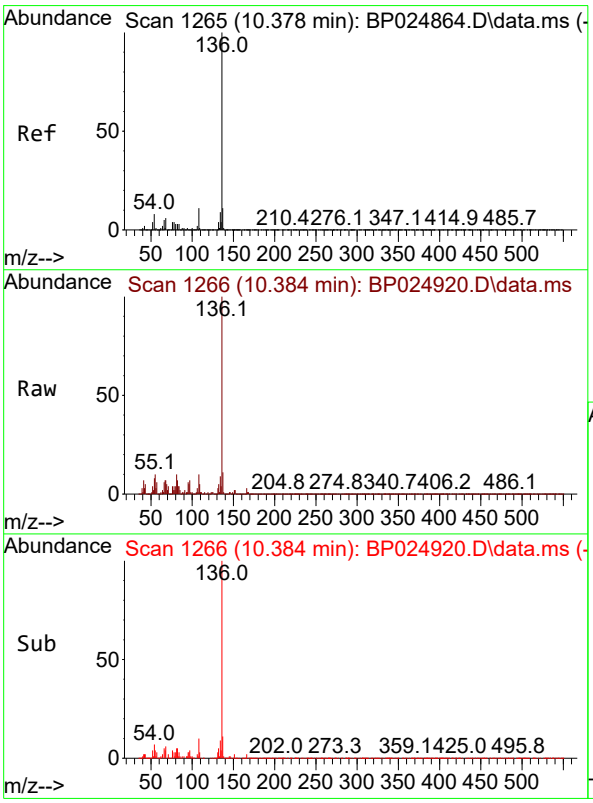
#7
Phenol-d6
Concen: 72.763 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion: 99 Resp: 2103172

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.2
71	34.2	27.6	41.4

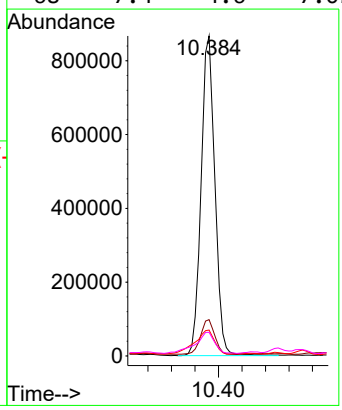


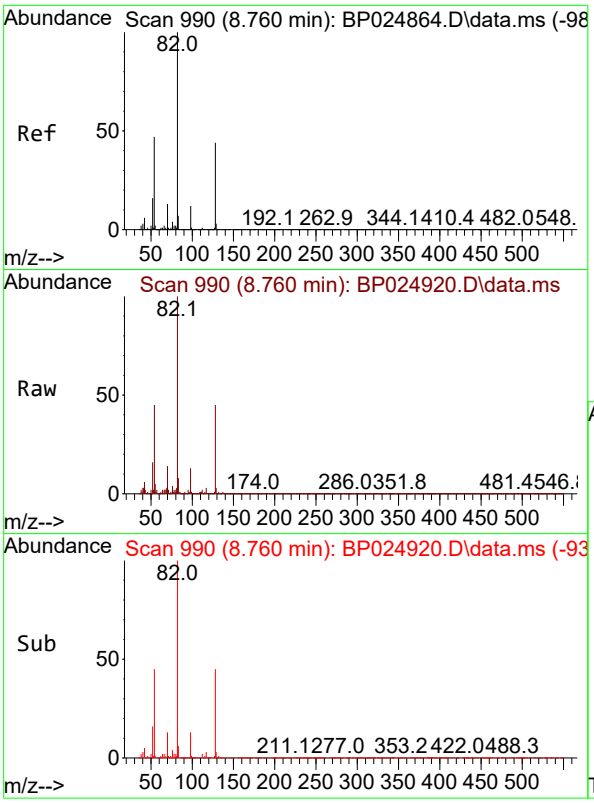


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.384 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:136 Resp: 1419199

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.1	6.1	9.1
68	7.4	4.6	7.0#



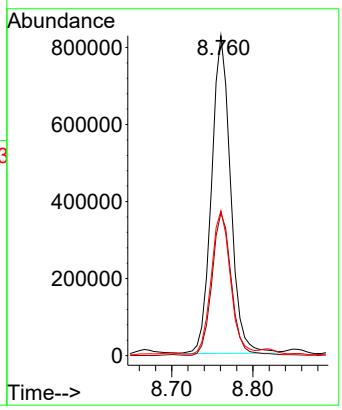


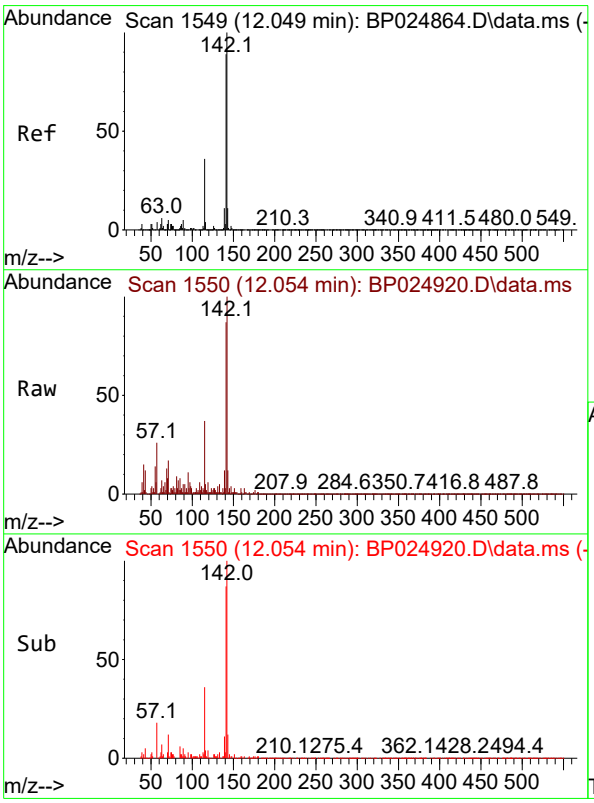
#23
Nitrobenzene-d5
Concen: 46.146 ng
RT: 8.760 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion: 82 Resp: 1347731

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.3	52.9
54	45.3	37.4	56.0

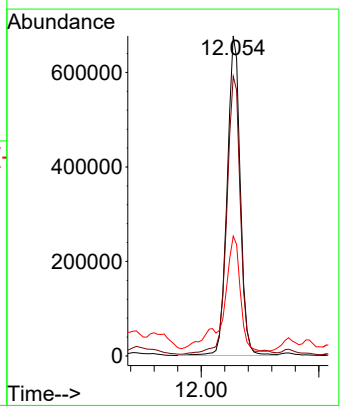


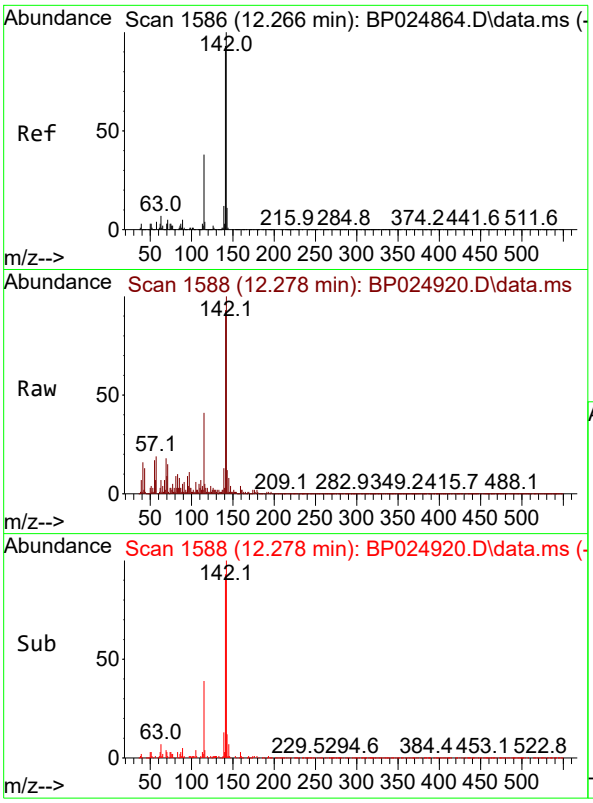


#37
2-Methylnaphthalene
Concen: 22.710 ng
RT: 12.054 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:142 Resp: 1047674

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.2	106.8
115	37.4	28.5	42.7



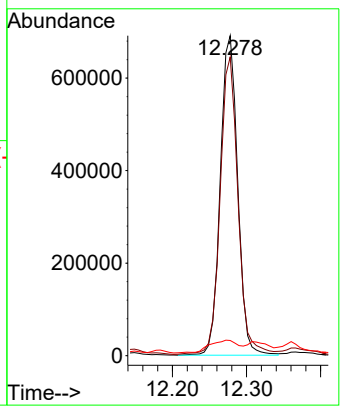


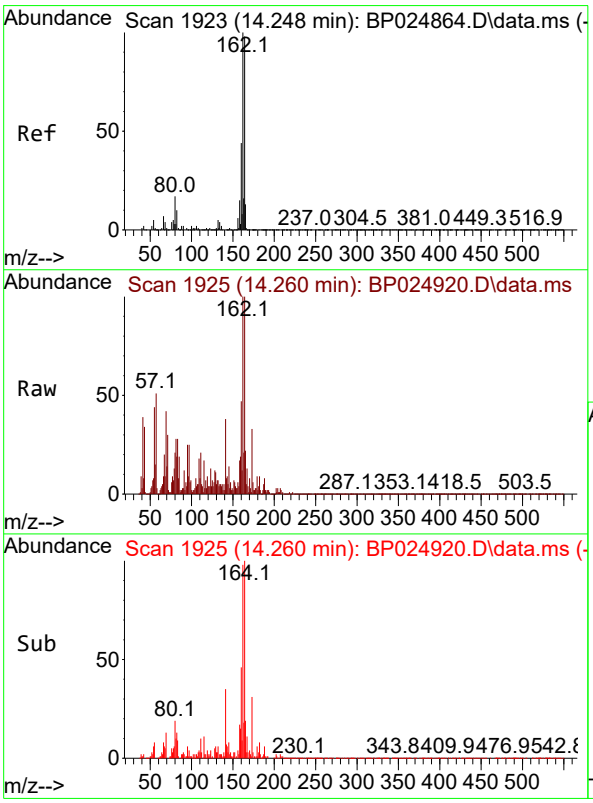
#38
1-Methylnaphthalene
Concen: 22.840 ng
RT: 12.278 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:142 Resp: 1126527

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.7	112.1
116	4.7	3.4	5.0

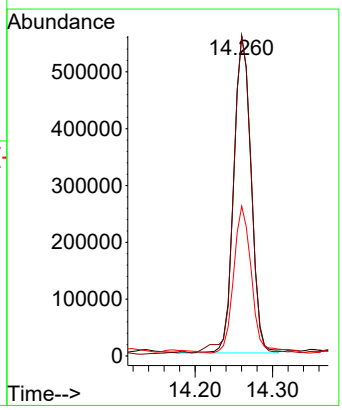


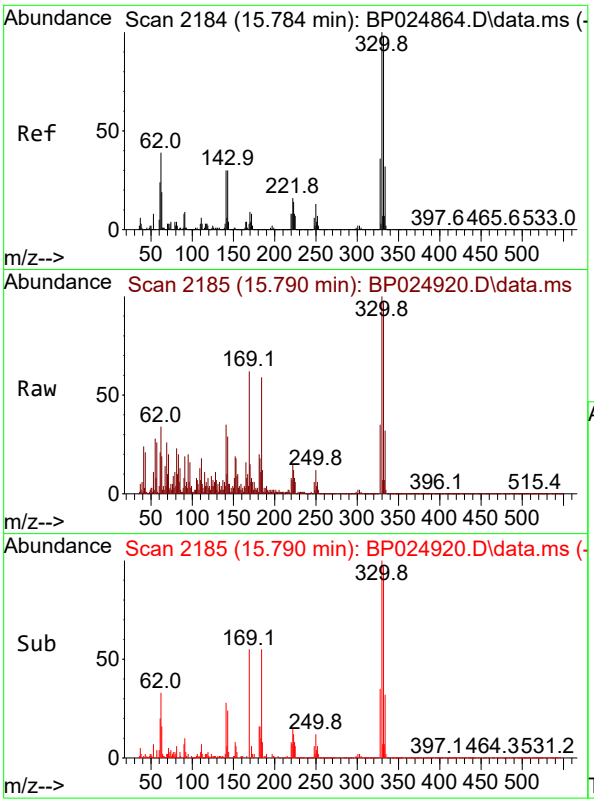


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.260 min Scan# 1925
Delta R.T. 0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:164 Resp: 870320

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.6	122.4
160	46.8	36.2	54.2



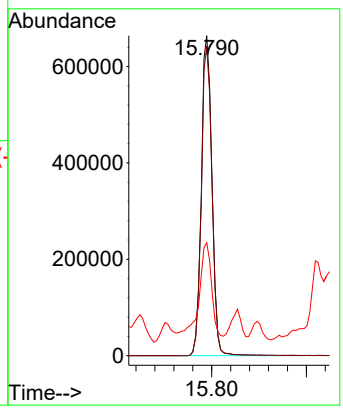


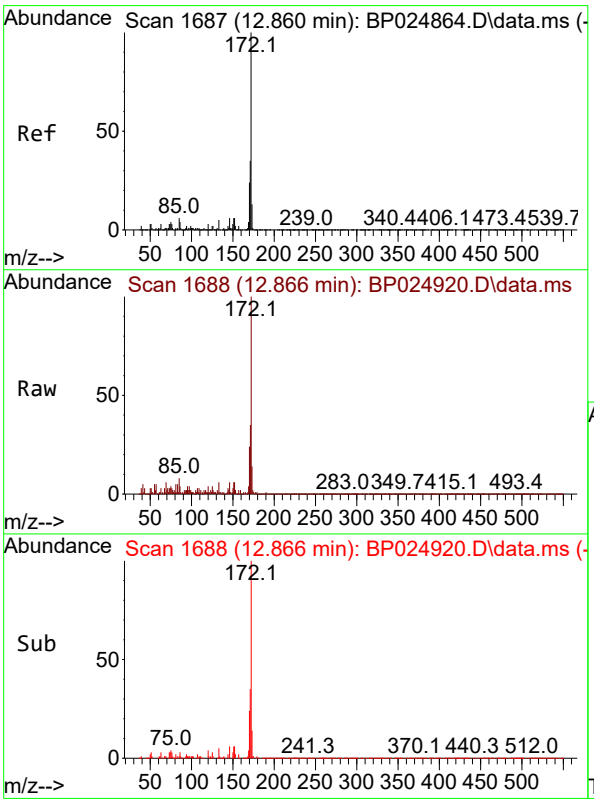
#42
2,4,6-Tribromophenol
Concen: 86.008 ng
RT: 15.790 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:330 Resp: 1034898

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	33.1	26.4	39.6

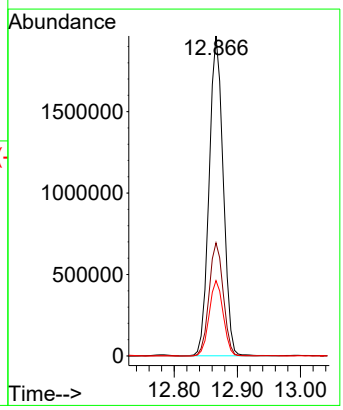


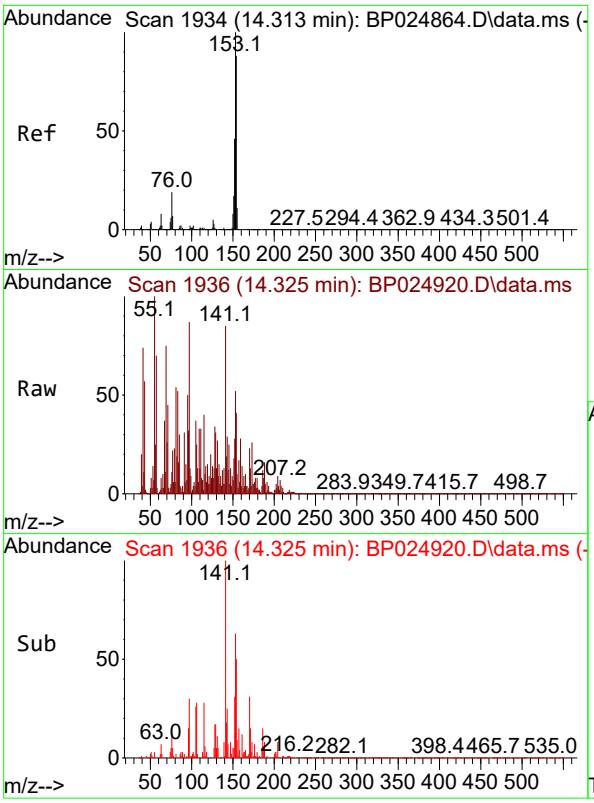


#45
2-Fluorobiphenyl
Concen: 47.107 ng
RT: 12.866 min Scan# 1688
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:172 Resp: 3043416

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.6	19.0	28.4



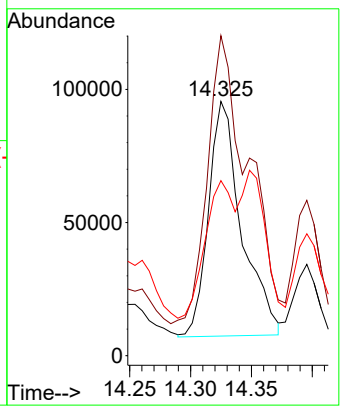


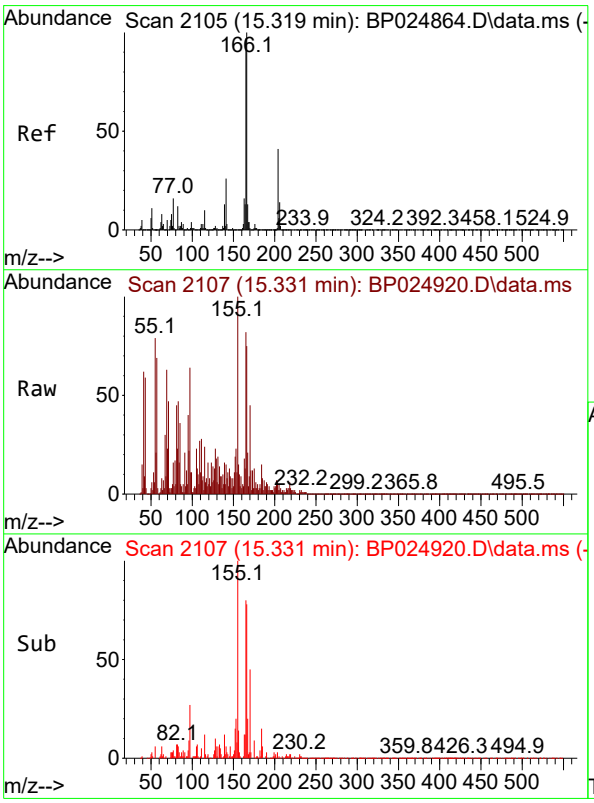
#52
Acenaphthene
Concen: 3.589 ng
RT: 14.325 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:154 Resp: 166671

Ion	Ratio	Lower	Upper
154	100		
153	125.9	90.5	135.7
152	68.9	42.1	63.1#

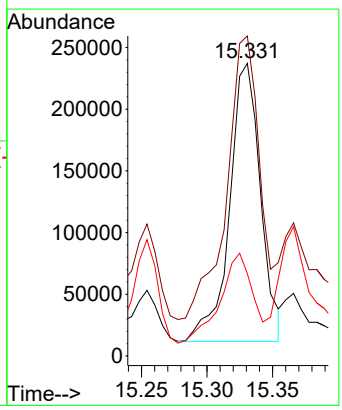


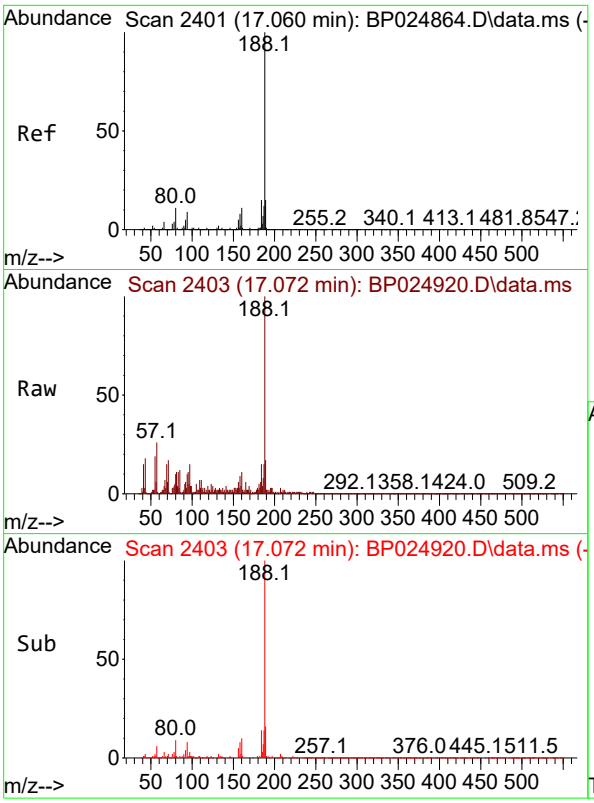


#58
Fluorene
Concen: 6.132 ng
RT: 15.331 min Scan# 2107
Delta R.T. 0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:166 Resp: 369339

Ion	Ratio	Lower	Upper
166	100		
165	109.3	77.7	116.5
167	28.2	10.6	16.0#



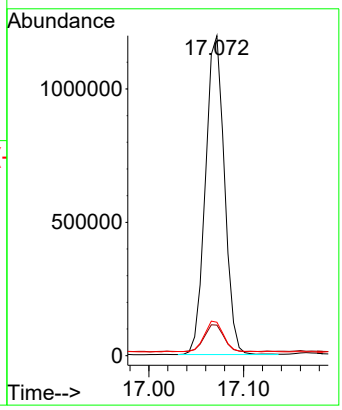


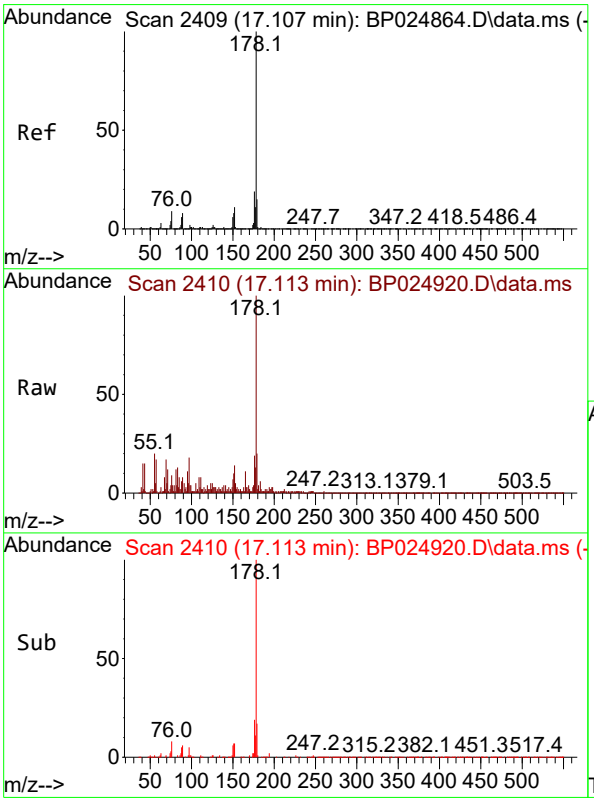
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.072 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:188 Resp: 1663800

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.3	10.9
80	10.5	8.5	12.7

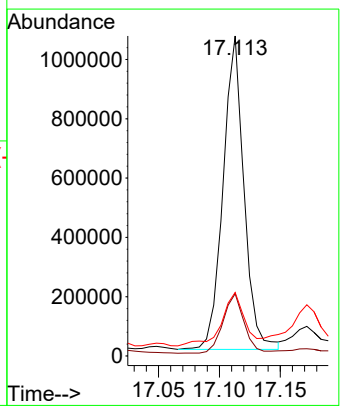


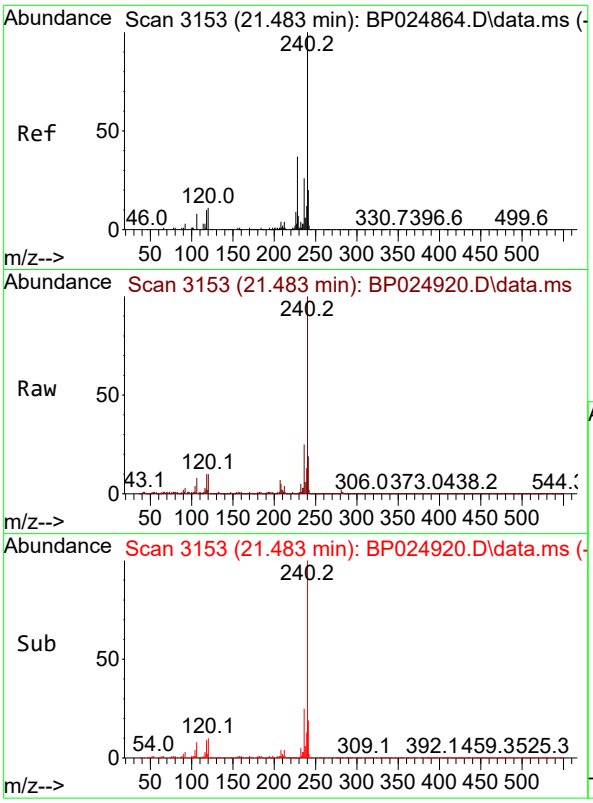


#71
Phenanthrene
Concen: 13.767 ng
RT: 17.113 min Scan# 2410
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:178 Resp: 1265783

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	19.8	12.1	18.1#



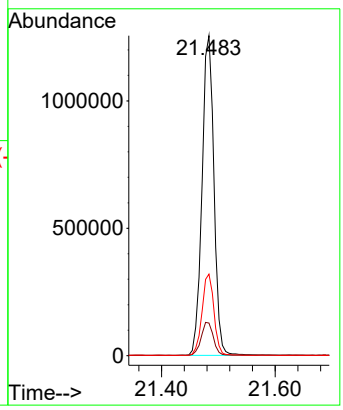


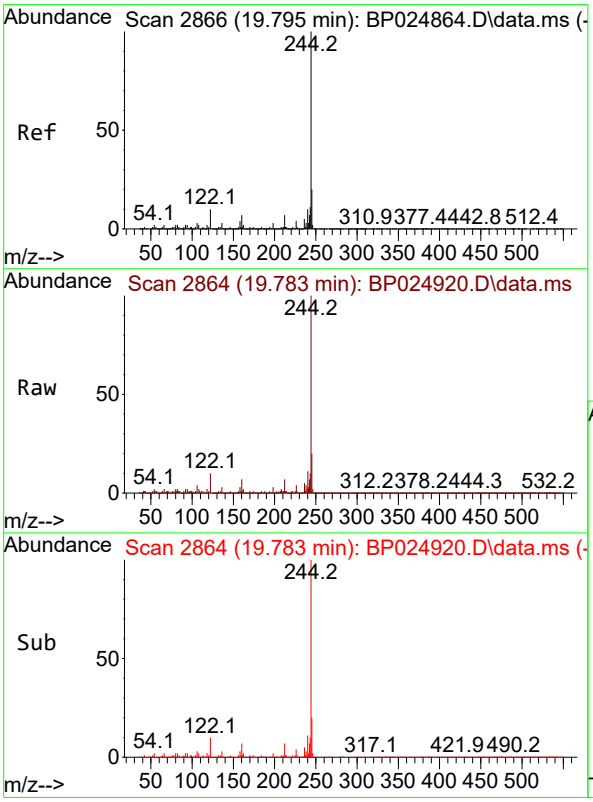
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:240 Resp: 1827902

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	25.5	20.9	31.3

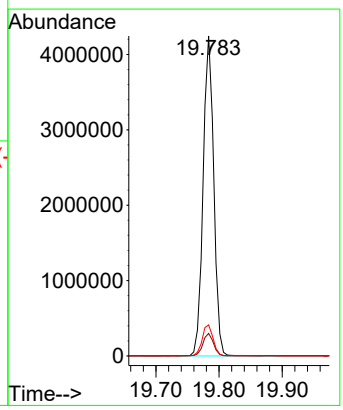


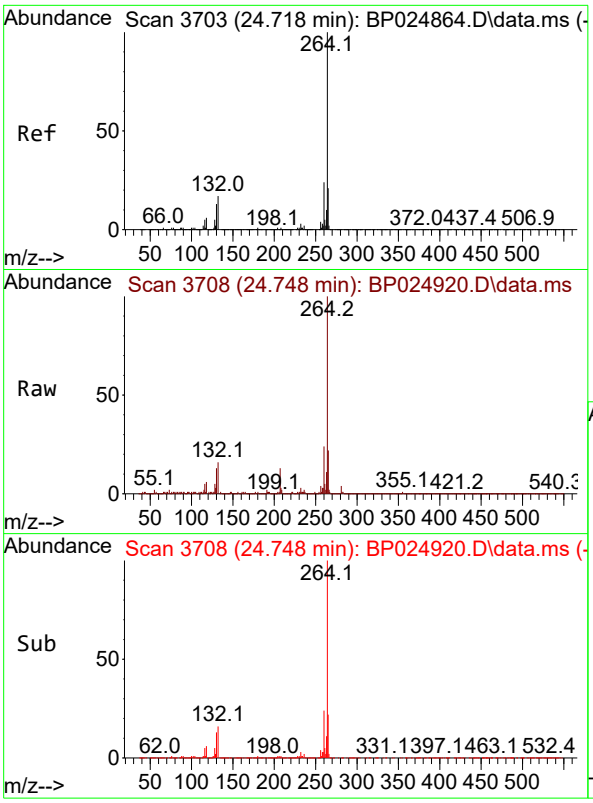


#79
Terphenyl-d14
Concen: 48.523 ng
RT: 19.783 min Scan# 2864
Delta R.T. -0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:244 Resp: 4948879

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	9.7	7.7	11.5



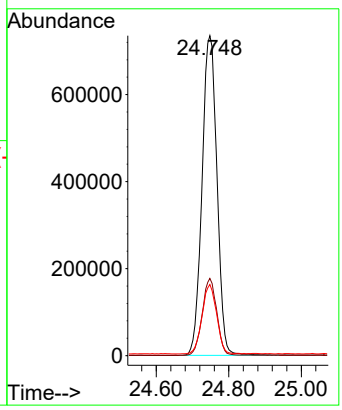


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.748 min Scan# 3
Delta R.T. 0.029 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:264 Resp: 2099388

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	22.2	17.4	26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142603.D
Acq On : 04 Jun 2025 13:05
Operator : RC/JU
Sample : PB168234BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168234BL

Quant Time: Jun 04 13:37:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

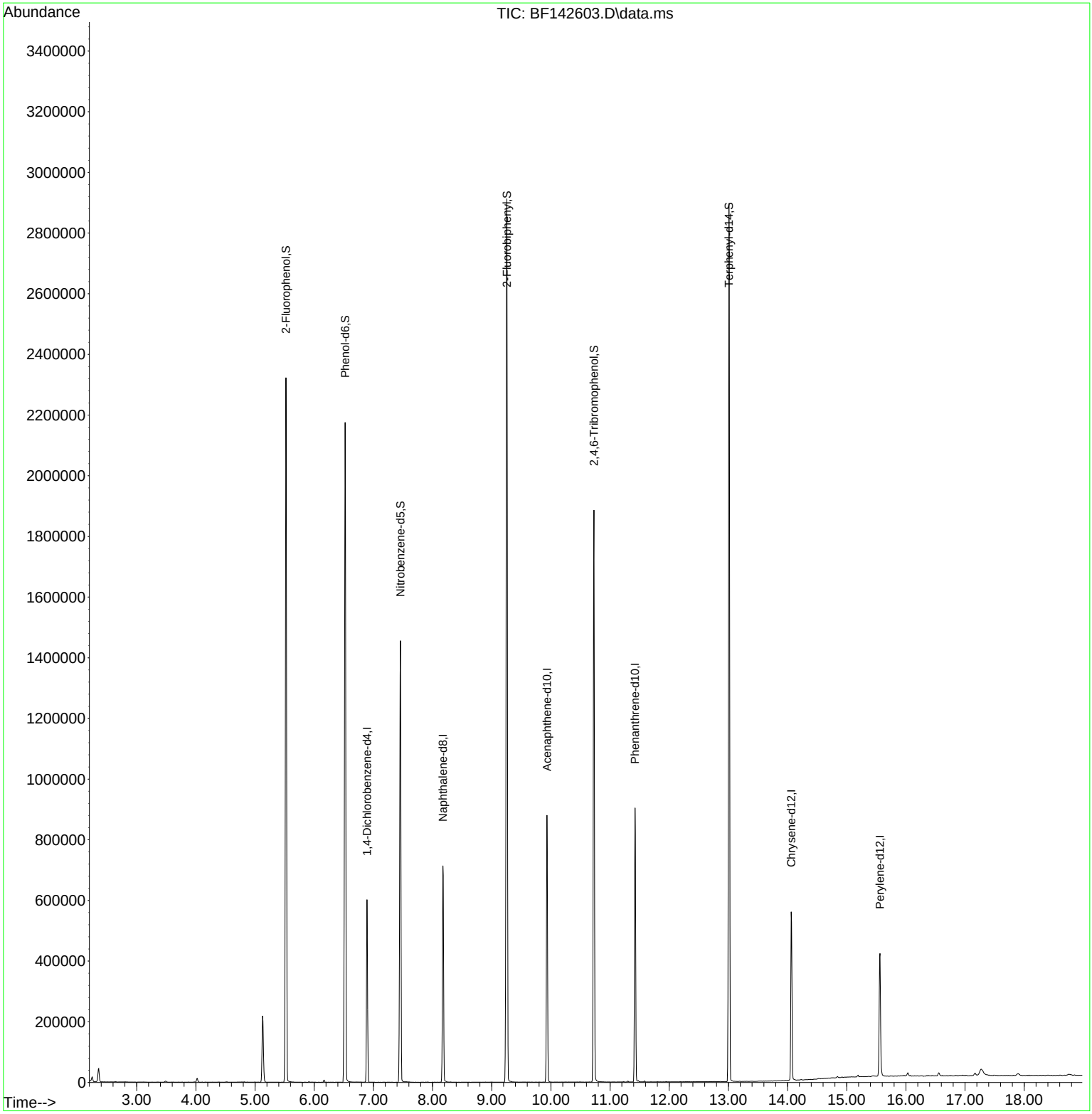
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	131273	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	500088	20.000	ng	-0.01
39) Acenaphthene-d10	9.934	164	273312	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	477318	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	281764	20.000	ng	#-0.01
86) Perylene-d12	15.563	264	248996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	931257	119.517	ng	0.00
7) Phenol-d6	6.522	99	1120166	119.427	ng	-0.01
23) Nitrobenzene-d5	7.457	82	690335	75.273	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	355604	117.229	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1463491	71.852	ng	-0.01
79) Terphenyl-d14	13.010	244	1487213	72.129	ng	0.00
Target Compounds						Qvalue

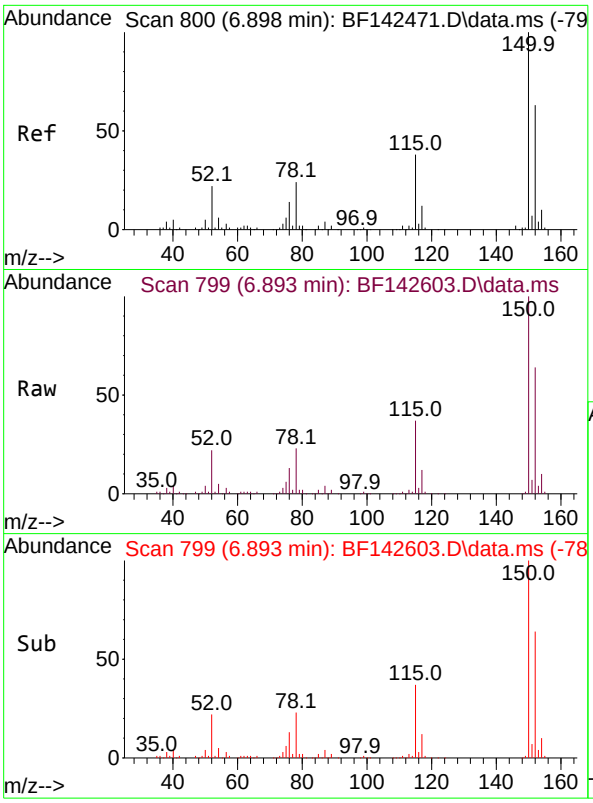
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142603.D
Acq On : 04 Jun 2025 13:05
Operator : RC/JU
Sample : PB168234BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168234BL

Quant Time: Jun 04 13:37:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



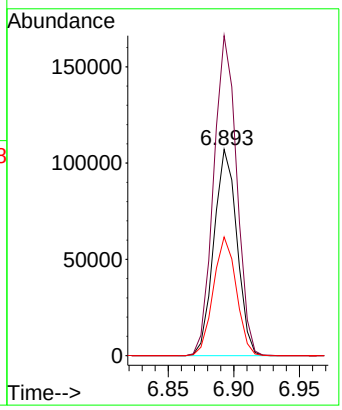


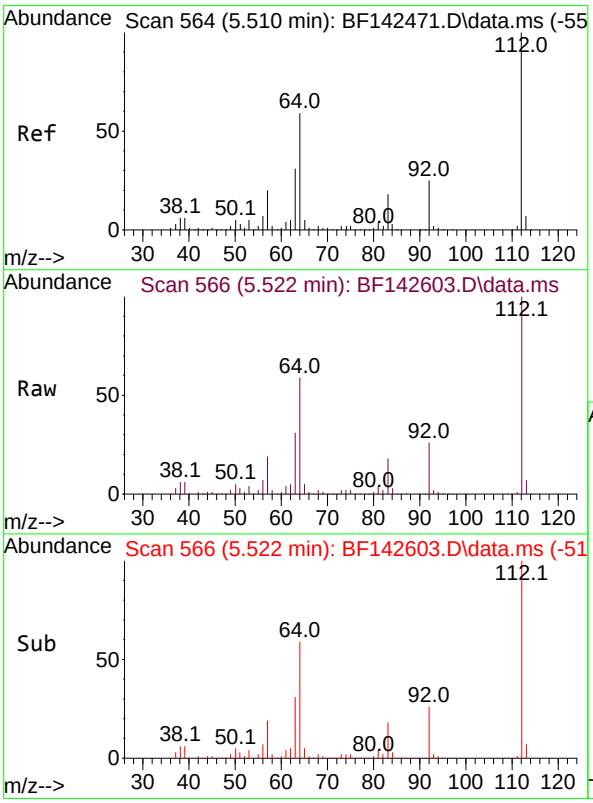
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Instrument :
BNA_F
ClientSampleId :
PB168234BL

Tgt Ion:152 Resp: 131273

Ion	Ratio	Lower	Upper
152	100		
150	155.2	128.2	192.4
115	57.5	48.3	72.5

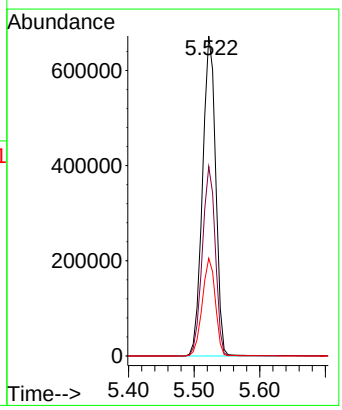


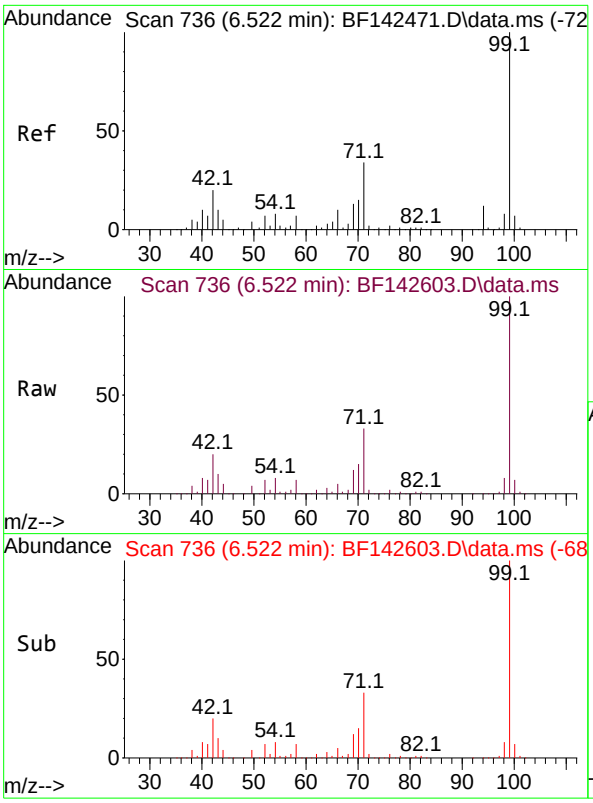


#5
2-Fluorophenol
Concen: 119.517 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Tgt Ion:112 Resp: 931257

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.5	71.3
63	30.5	24.9	37.3



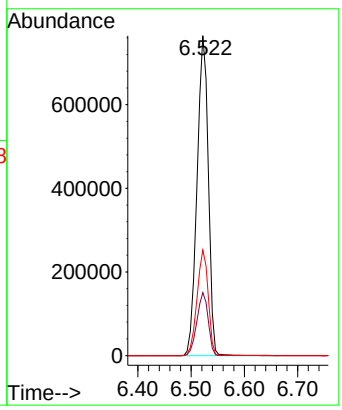


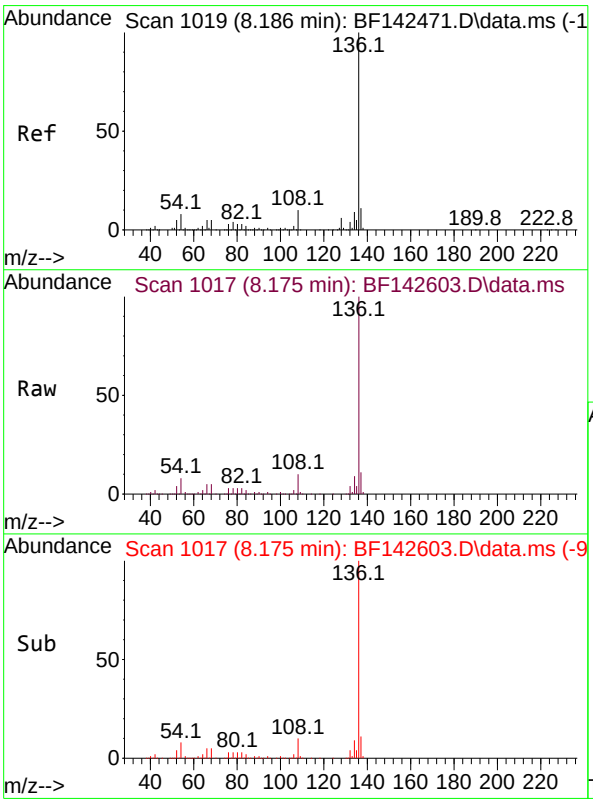
#7
Phenol-d6
Concen: 119.427 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Instrument :
BNA_F
ClientSampleId :
PB168234BL

Tgt Ion: 99 Resp: 1120166

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.2	24.2
71	33.0	27.3	40.9

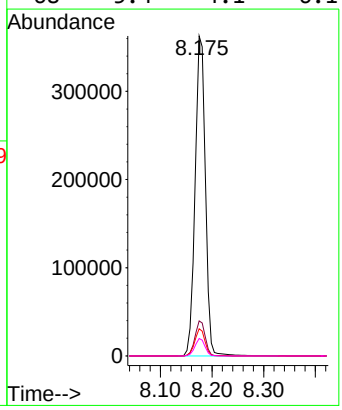


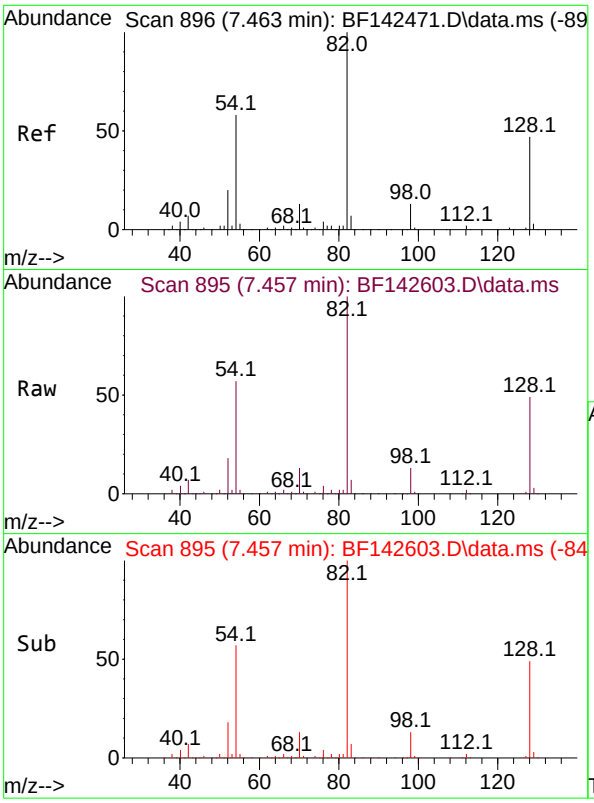


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Tgt Ion:136 Resp: 500088

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.5	6.6	10.0
68	5.4	4.1	6.1



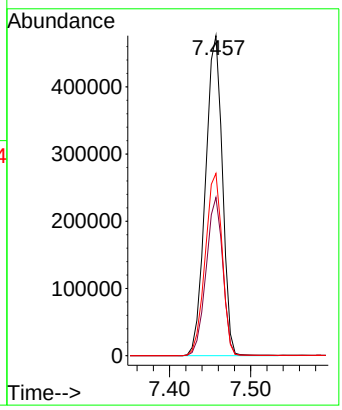


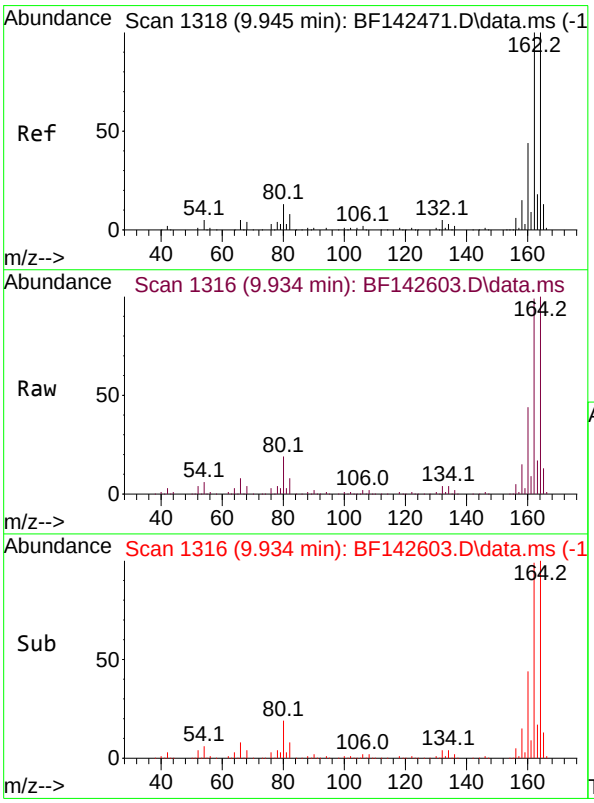
#23
Nitrobenzene-d5
Concen: 75.273 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.017 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Instrument :
BNA_F
ClientSampleId :
PB168234BL

Tgt Ion: 82 Resp: 690335

Ion	Ratio	Lower	Upper
82	100		
128	49.4	37.4	56.2
54	56.9	46.6	70.0

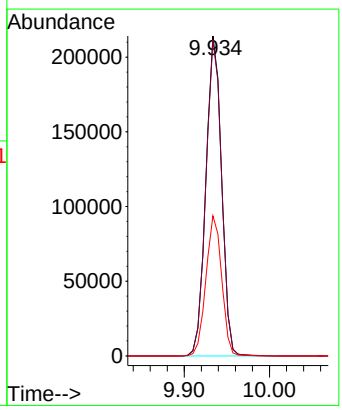


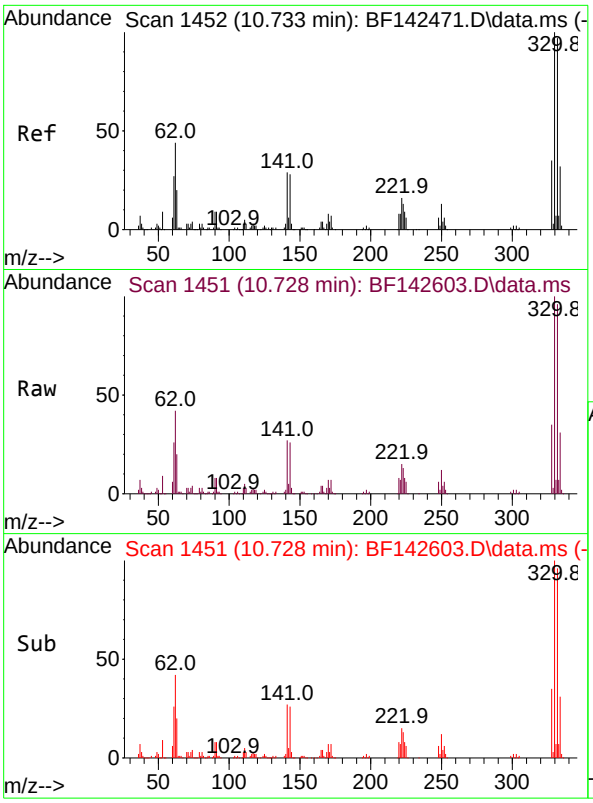


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Tgt Ion:164 Resp: 273312

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.2	120.4
160	43.8	35.6	53.4



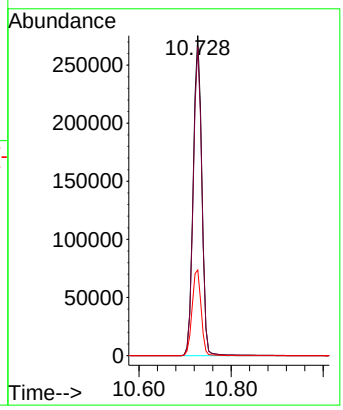


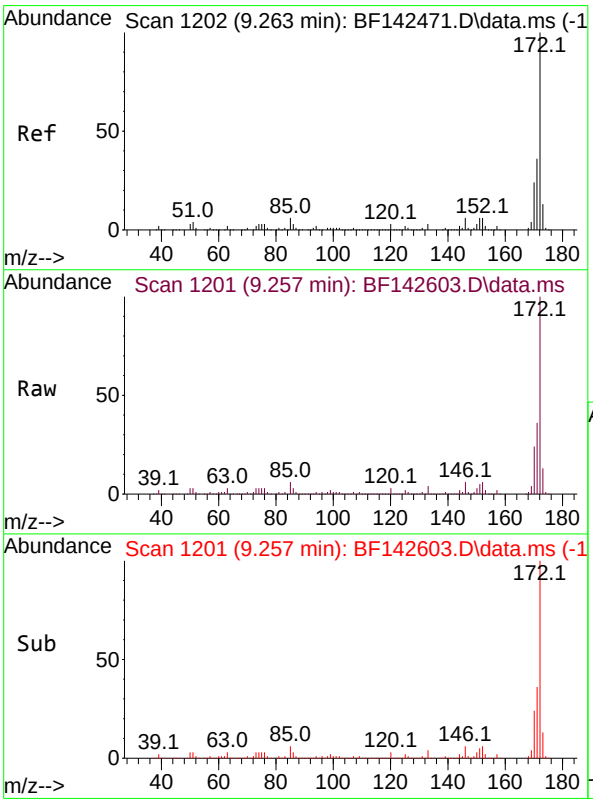
#42
2,4,6-Tribromophenol
Concen: 117.229 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Instrument :
BNA_F
ClientSampleId :
PB168234BL

Tgt Ion:330 Resp: 355604

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	28.1	24.6	36.8

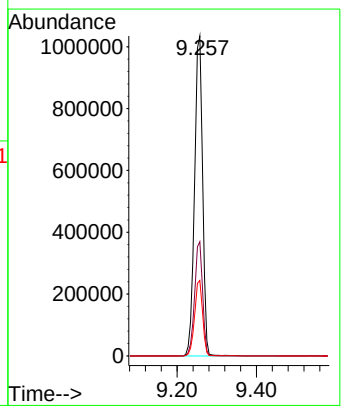


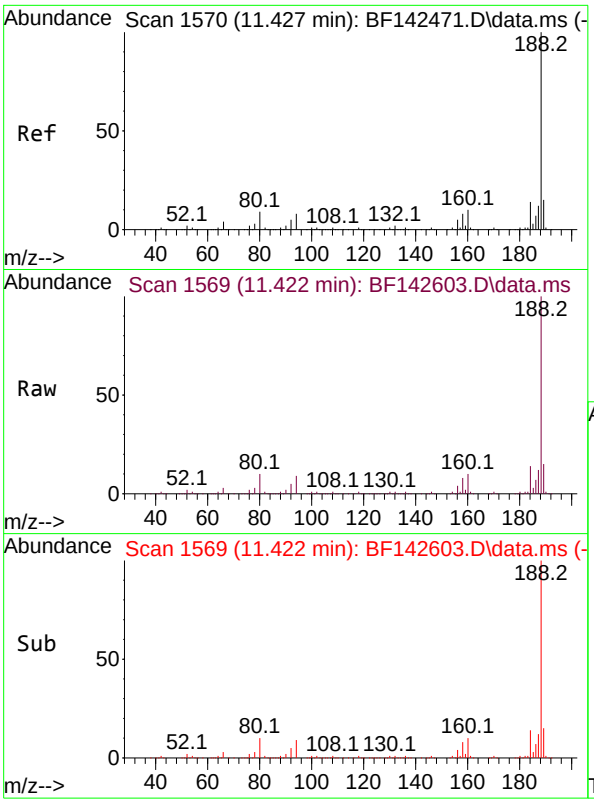


#45
2-Fluorobiphenyl
Concen: 71.852 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Tgt Ion:172 Resp: 1463491

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.6	18.9	28.3



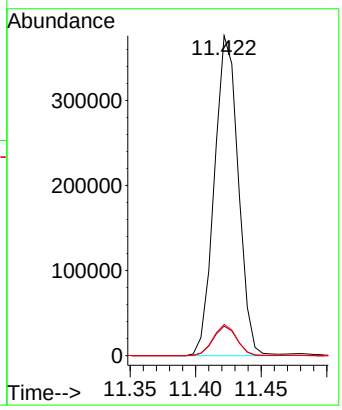


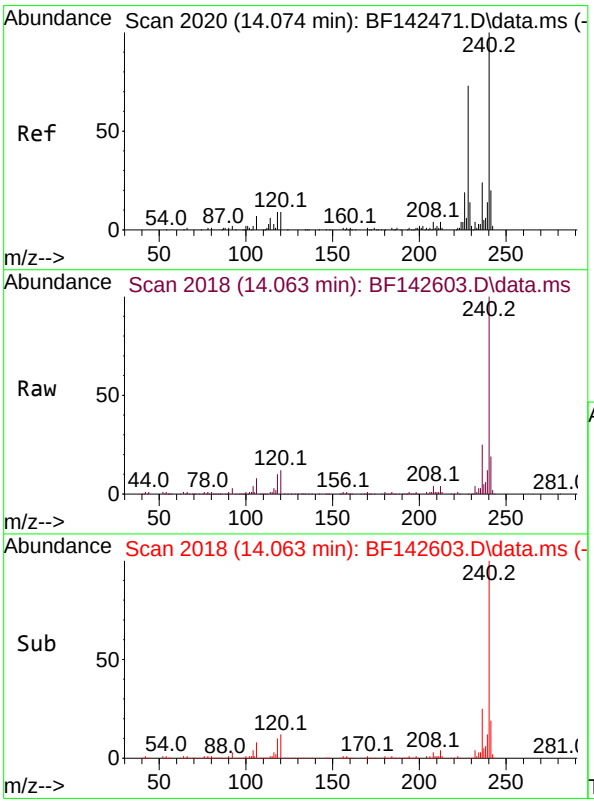
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Instrument :
BNA_F
ClientSampleId :
PB168234BL

Tgt Ion:188 Resp: 477318

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.6	10.0
80	9.7	7.4	11.0

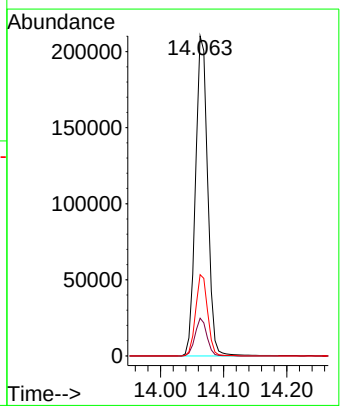


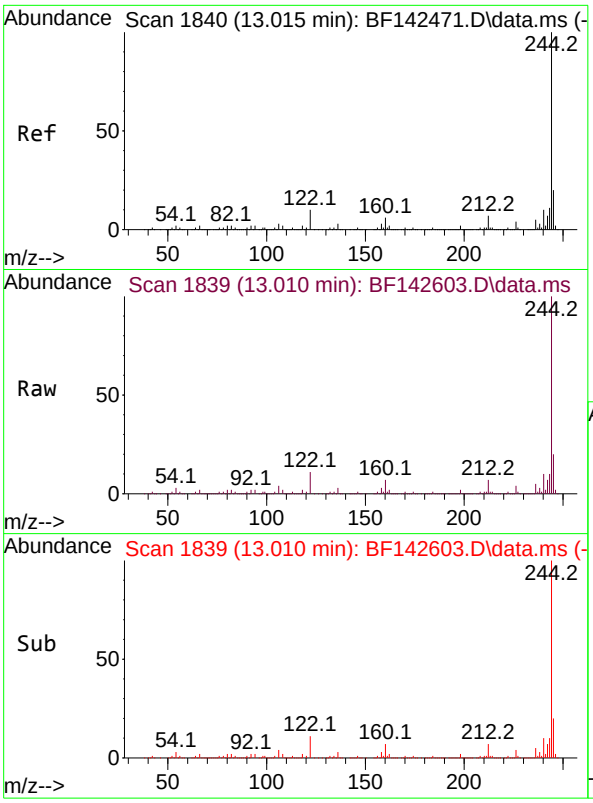


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Tgt Ion:240 Resp: 281764

Ion	Ratio	Lower	Upper
240	100		
120	11.8	7.5	11.3#
236	25.4	19.6	29.4



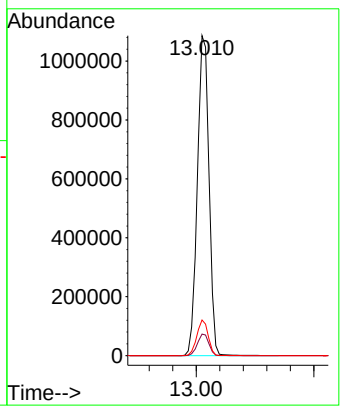


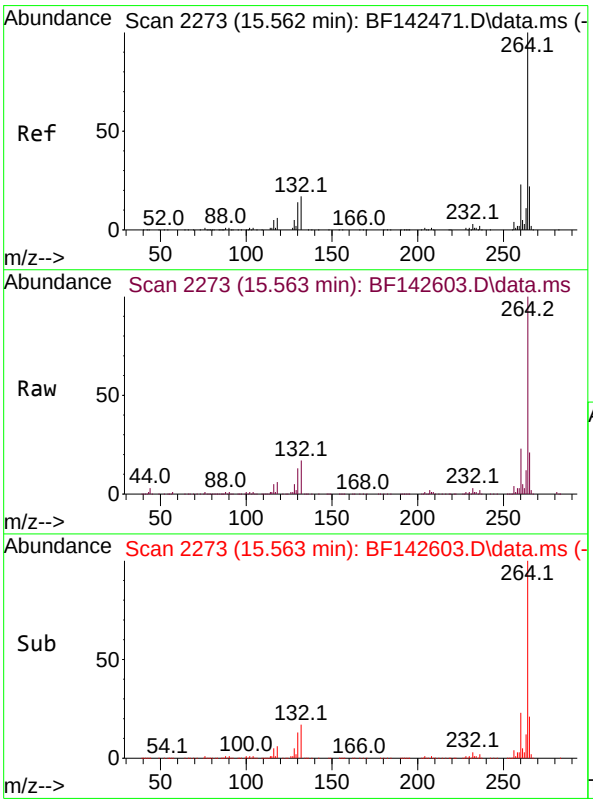
#79
Terphenyl-d14
Concen: 72.129 ng
RT: 13.010 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Instrument :
BNA_F
ClientSampleId :
PB168234BL

Tgt Ion:244 Resp: 1487213

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	11.1	8.2	12.2

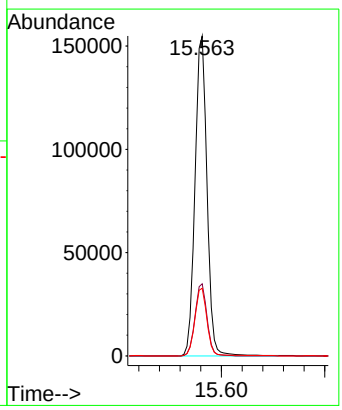




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Tgt Ion:264 Resp: 248996

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	28.0
265	21.1	17.7	26.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142726.D
Acq On : 11 Jun 2025 10:51
Operator : RC/JU
Sample : PB168234BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 11:39:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	83192	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	318279	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	176454	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	298489	20.000	ng	0.00
76) Chrysene-d12	14.069	240	155305	20.000	ng	0.00
86) Perylene-d12	15.563	264	159844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	584197	119.599	ng	0.02
7) Phenol-d6	6.528	99	691853	120.354	ng	0.00
23) Nitrobenzene-d5	7.457	82	441985	75.999	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	238472	123.311	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	984029	74.089	ng	0.00
79) Terphenyl-d14	13.010	244	911215	80.583	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	68122	35.240	ng	99
3) Pyridine	3.516	79	188401	38.870	ng	100
4) n-Nitrosodimethylamine	3.475	42	107977	43.540	ng	100
6) Aniline	6.557	93	201688	26.214	ng	96
8) 2-Chlorophenol	6.675	128	236557	44.316	ng	100
9) Benzaldehyde	6.440	77	116066	32.604	ng	98
10) Phenol	6.540	94	269986	42.254	ng	95
11) bis(2-Chloroethyl)ether	6.628	93	206382	43.243	ng	100
12) 1,3-Dichlorobenzene	6.834	146	256435	42.095	ng	99
13) 1,4-Dichlorobenzene	6.910	146	258872	42.048	ng	100
14) 1,2-Dichlorobenzene	7.063	146	246901	41.837	ng	99
15) Benzyl Alcohol	7.034	79	196868	45.311	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	313231	41.685	ng	90
17) 2-Methylphenol	7.145	107	184321	45.042	ng	99
18) Hexachloroethane	7.404	117	92683	42.008	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	156371	42.729	ng	99
20) 3+4-Methylphenols	7.298	107	229683	44.520	ng	98
22) Acetophenone	7.304	105	311295	43.969	ng	98
24) Nitrobenzene	7.475	77	232002	44.948	ng	97
25) Isophorone	7.716	82	428493	43.516	ng	99
26) 2-Nitrophenol	7.793	139	133453	46.328	ng	99
27) 2,4-Dimethylphenol	7.828	122	219710	44.798	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	270365	44.224	ng	99
29) 2,4-Dichlorophenol	8.034	162	208108	45.979	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	218563	43.700	ng	99
31) Naphthalene	8.198	128	689361	43.794	ng	99
32) Benzoic acid	7.957	122	138145	50.015	ng	100
33) 4-Chloroaniline	8.245	127	65521m	10.367	ng	
34) Hexachlorobutadiene	8.316	225	138408	43.427	ng	99
35) Caprolactam	8.622	113	62727m	51.341	ng	
36) 4-Chloro-3-methylphenol	8.734	107	212482	45.148	ng	100
37) 2-Methylnaphthalene	8.892	142	438004	43.962	ng	100
38) 1-Methylnaphthalene	8.992	142	450044	43.604	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	222525	43.572	ng	99
41) Hexachlorocyclopentadiene	9.045	237	288961	88.156	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	154341	46.686	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142726.D
Acq On : 11 Jun 2025 10:51
Operator : RC/JU
Sample : PB168234BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 11:39:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	160942	45.074	ng	97
46) 1,1'-Biphenyl	9.357	154	606260	44.246	ng	100
47) 2-Chloronaphthalene	9.381	162	443000	43.885	ng	100
48) 2-Nitroaniline	9.475	65	130604	45.490	ng	100
49) Acenaphthylene	9.798	152	751339	44.143	ng	100
50) Dimethylphthalate	9.657	163	544106	46.176	ng	100
51) 2,6-Dinitrotoluene	9.722	165	116765	45.850	ng	97
52) Acenaphthene	9.969	154	521862m	49.451	ng	
53) 3-Nitroaniline	9.886	138	62297	22.553	ng	100
54) 2,4-Dinitrophenol	9.998	184	152241	109.132	ng	92
55) Dibenzofuran	10.145	168	661023	43.987	ng	99
56) 4-Nitrophenol	10.057	139	185324	98.923	ng	99
57) 2,4-Dinitrotoluene	10.128	165	160597	47.695	ng	96
58) Fluorene	10.486	166	523139	44.083	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	136952	45.590	ng	99
60) Diethylphthalate	10.357	149	541870	46.377	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	254023	43.831	ng	100
62) 4-Nitroaniline	10.510	138	114731	46.428	ng	99
63) Azobenzene	10.639	77	458707	44.952	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	92727	49.608	ng	96
66) n-Nitrosodiphenylamine	10.598	169	457115	44.552	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	159695	45.325	ng	99
68) Hexachlorobenzene	11.033	284	175582	44.895	ng	100
69) Atrazine	11.122	200	137490	50.262	ng	99
70) Pentachlorophenol	11.233	266	194889	95.063	ng	98
71) Phenanthrene	11.451	178	716195	44.787	ng	100
72) Anthracene	11.504	178	733408	44.335	ng	100
73) Carbazole	11.657	167	636667	45.973	ng	100
74) Di-n-butylphthalate	11.980	149	755120	48.831	ng	99
75) Fluoranthene	12.639	202	691241	45.459	ng	99
77) Benzidine	12.757	184	118967	21.509	ng	99
78) Pyrene	12.869	202	679006	47.047	ng	100
80) Butylbenzylphthalate	13.480	149	213703	50.072	ng	100
81) Benzo(a)anthracene	14.057	228	466488	45.327	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	65244	19.659	ng	99
83) Chrysene	14.098	228	434351	45.712	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	297822	46.498	ng	99
85) Di-n-octyl phthalate	14.657	149	552324	44.947	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	552121	46.611	ng	100
88) Benzo(b)fluoranthene	15.121	252	466805	49.597	ng	100
89) Benzo(k)fluoranthene	15.151	252	405150	44.366	ng	99
90) Benzo(a)pyrene	15.504	252	427694	47.794	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	461373	47.702	ng	99
92) Benzo(g,h,i)perylene	17.545	276	443588	46.121	ng	100

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

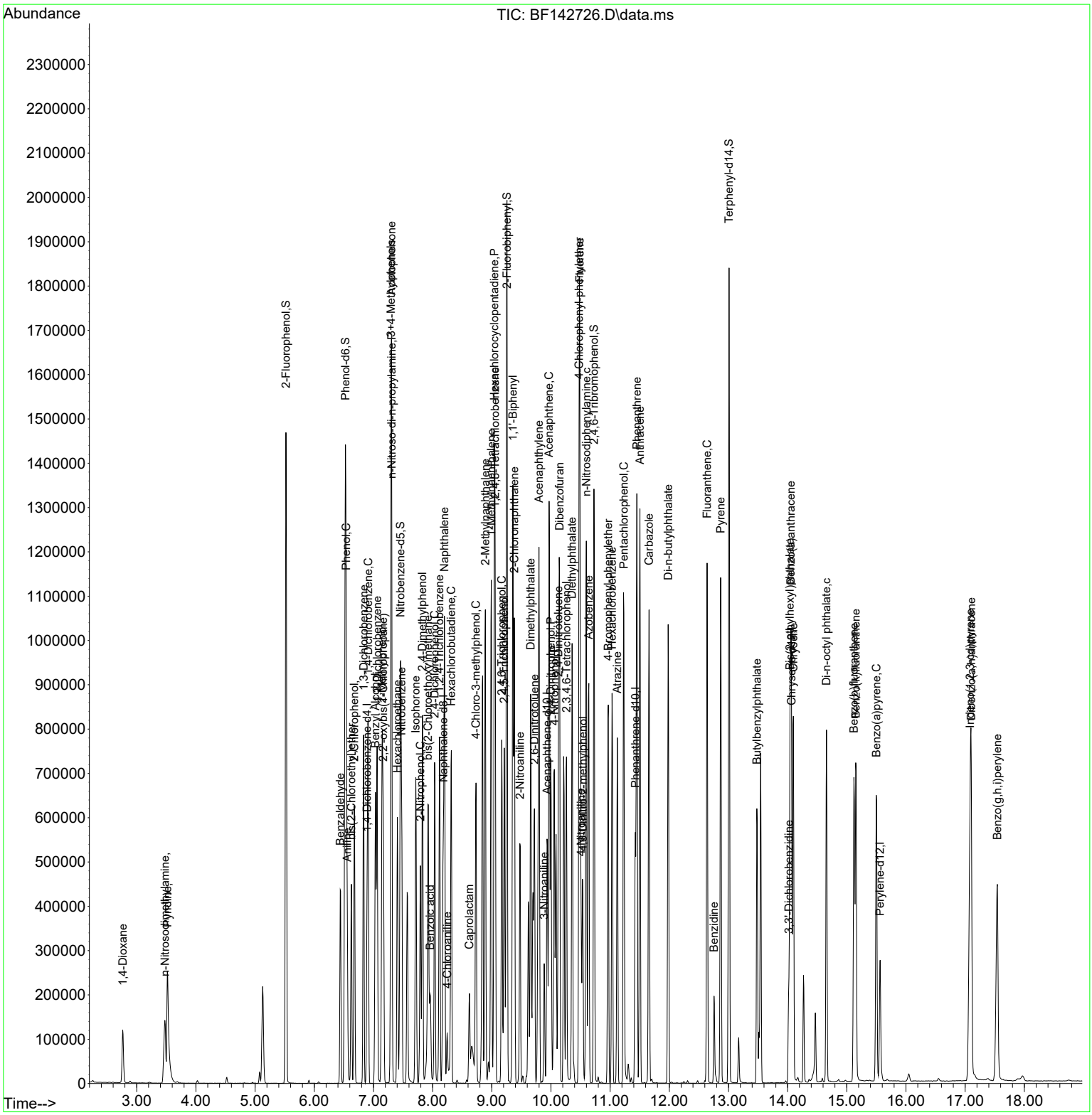
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142726.D
Acq On : 11 Jun 2025 10:51
Operator : RC/JU
Sample : PB168234BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 11:39:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168234BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142605.D
Acq On : 04 Jun 2025 14:08
Operator : RC/JU
Sample : Q2159-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Quant Time: Jun 04 14:30:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	119687	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	441391	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	218918	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	322457	20.000	ng	0.00
76) Chrysene-d12	14.069	240	216030	20.000	ng	0.00
86) Perylene-d12	15.563	264	272895	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	530843	74.723	ng	0.00
7) Phenol-d6	6.528	99	650114	76.022	ng	0.00
23) Nitrobenzene-d5	7.457	82	383796	47.414	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	169656	69.826	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	742665	45.522	ng	-0.02
79) Terphenyl-d14	13.004	244	556976	35.233	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	118790	41.787	ng	98
3) Pyridine	3.499	79	316918	43.778	ng	99
4) n-Nitrosodimethylamine	3.452	42	168372	44.795	ng	92
6) Aniline	6.557	93	298846	25.990	ng	95
8) 2-Chlorophenol	6.681	128	347349	44.889	ng	98
9) Benzaldehyde	6.446	77	189343	36.812	ng	99
10) Phenol	6.540	94	415471	43.177	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	314166	45.357	ng	100
12) 1,3-Dichlorobenzene	6.840	146	380249	44.039	ng	98
13) 1,4-Dichlorobenzene	6.916	146	383221	44.061	ng	98
14) 1,2-Dichlorobenzene	7.069	146	367896	44.206	ng	99
15) Benzyl Alcohol	7.034	79	274957	43.508	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	509267	43.781	ng	98
17) 2-Methylphenol	7.151	107	263331	43.588	ng	99
18) Hexachloroethane	7.410	117	132286	43.558	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	218117	41.155	ng	100
20) 3+4-Methylphenols	7.304	107	321533	41.561	ng	92
22) Acetophenone	7.304	105	437089	44.733	ng	98
24) Nitrobenzene	7.481	77	331446	45.400	ng	99
25) Isophorone	7.716	82	591291	43.690	ng	99
26) 2-Nitrophenol	7.792	139	184427	47.277	ng	98
27) 2,4-Dimethylphenol	7.834	122	298005	43.318	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	383925	45.412	ng	99
29) 2,4-Dichlorophenol	8.040	162	282004	45.075	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	308170	45.387	ng	98
31) Naphthalene	8.204	128	976775	44.943	ng	100
32) Benzoic acid	7.945	122	191636m	45.762	ng	
33) 4-Chloroaniline	8.245	127	104729	11.892	ng	99
34) Hexachlorobutadiene	8.316	225	188185	44.388	ng	99
35) Caprolactam	8.616	113	81967	46.648	ng	95
36) 4-Chloro-3-methylphenol	8.734	107	274424	42.801	ng	96
37) 2-Methylnaphthalene	8.892	142	599114	43.817	ng	100
38) 1-Methylnaphthalene	8.992	142	615699	43.533	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	301267	47.940	ng	99
41) Hexachlorocyclopentadiene	9.045	237	342158	80.712	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	200860	47.400	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142605.D
Acq On : 04 Jun 2025 14:08
Operator : RC/JU
Sample : Q2159-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Quant Time: Jun 04 14:30:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

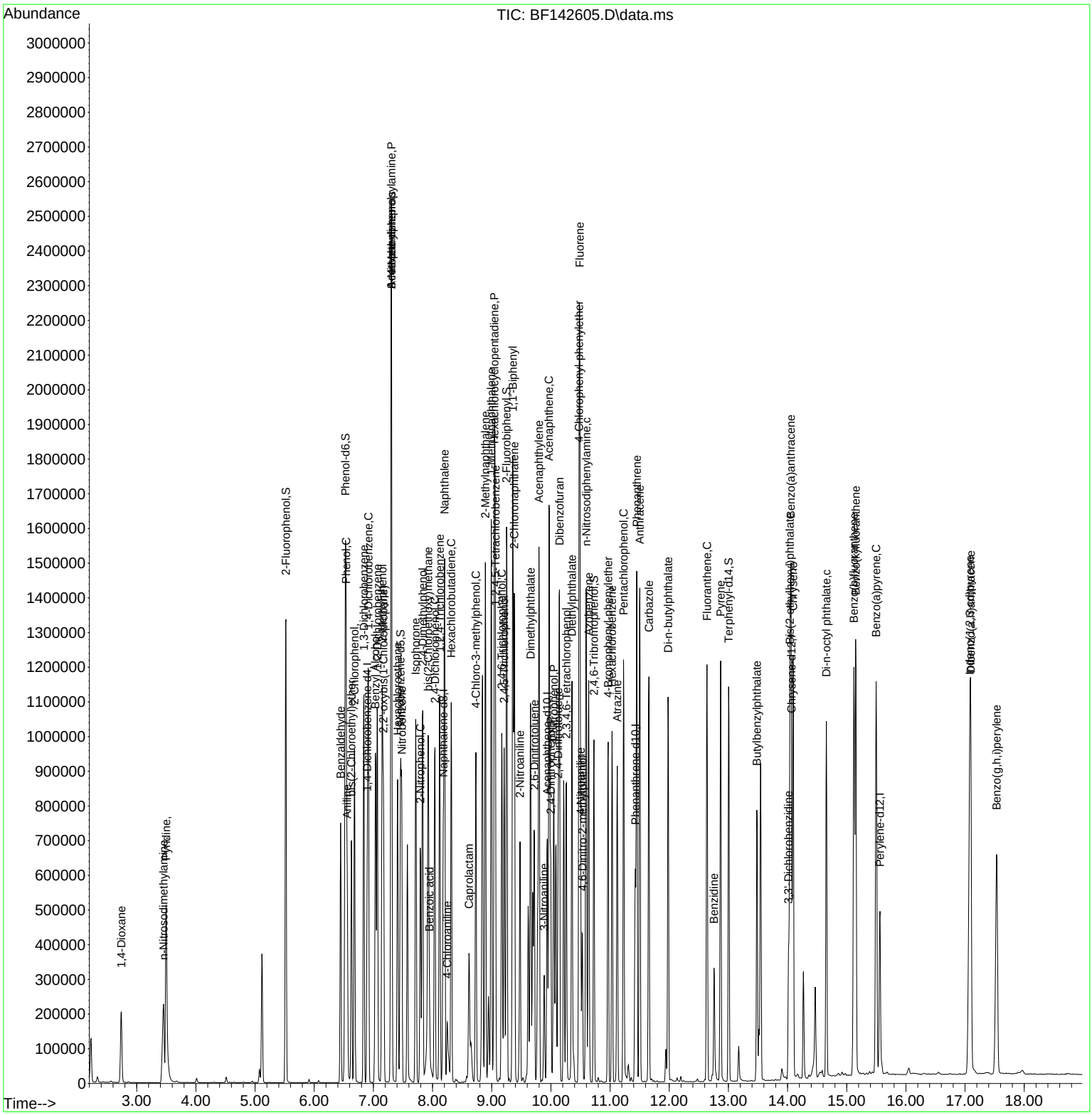
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	203775	45.596	ng	99
46) 1,1'-Biphenyl	9.357	154	804636	47.376	ng	100
47) 2-Chloronaphthalene	9.381	162	585929	46.693	ng	99
48) 2-Nitroaniline	9.475	65	167615	46.213	ng	98
49) Acenaphthylene	9.798	152	968879	45.726	ng	100
50) Dimethylphthalate	9.657	163	658805	45.608	ng	100
51) 2,6-Dinitrotoluene	9.722	165	141451	45.371	ng	96
52) Acenaphthene	9.969	154	628871	48.604	ng	99
53) 3-Nitroaniline	9.886	138	71689	21.053	ng	97
54) 2,4-Dinitrophenol	9.998	184	133984	83.183	ng	91
55) Dibenzofuran	10.145	168	836285	44.916	ng	98
56) 4-Nitrophenol	10.051	139	214603	85.412	ng	96
57) 2,4-Dinitrotoluene	10.122	165	189139	46.454	ng	99
58) Fluorene	10.486	166	634376	44.103	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	160270	42.958	ng	98
60) Diethylphthalate	10.357	149	623187	44.174	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	311030	44.018	ng	98
62) 4-Nitroaniline	10.504	138	131676	42.636	ng	96
63) Azobenzene	10.639	77	574383	45.330	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	85367	47.438	ng	96
66) n-Nitrosodiphenylamine	10.598	169	538608	48.823	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	186780	48.987	ng	96
68) Hexachlorobenzene	11.033	284	199393	47.282	ng	99
69) Atrazine	11.122	200	155307	53.010	ng	99
70) Pentachlorophenol	11.228	266	206465	86.718	ng	99
71) Phenanthrene	11.451	178	789897	45.837	ng	100
72) Anthracene	11.504	178	808547	45.973	ng	99
73) Carbazole	11.657	167	685918	45.620	ng	100
74) Di-n-butylphthalate	11.980	149	806869	49.027	ng	100
75) Fluoranthene	12.639	202	702745	43.643	ng	99
77) Benzidine	12.757	184	198259	24.662	ng	99
78) Pyrene	12.869	202	706356	35.051	ng	100
80) Butylbenzylphthalate	13.480	149	265980	47.765	ng	99
81) Benzo(a)anthracene	14.057	228	657910	45.607	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	114456	26.159	ng	98
83) Chrysene	14.092	228	616958	47.597	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	374143	52.486	ng	99
85) Di-n-octyl phthalate	14.657	149	697516	50.043	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	790401	38.580	ng	99
88) Benzo(b)fluoranthene	15.121	252	817498	50.615	ng	99
89) Benzo(k)fluoranthene	15.151	252	663669	43.872	ng	98
90) Benzo(a)pyrene	15.498	252	725008	47.622	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	643765	38.743	ng	99
92) Benzo(g,h,i)perylene	17.533	276	596123	35.868	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142605.D
Acq On : 04 Jun 2025 14:08
Operator : RC/JU
Sample : Q2159-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMS

Quant Time: Jun 04 14:30:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142606.D
Acq On : 04 Jun 2025 14:38
Operator : RC/JU
Sample : Q2159-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Quant Time: Jun 04 15:05:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	117119	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	429653	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	207287	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	289513	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	207868	20.000	ng	0.00
86) Perylene-d12	15.562	264	274922	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	503033	72.361	ng	0.00
7) Phenol-d6	6.522	99	608782	72.750	ng	-0.01
23) Nitrobenzene-d5	7.457	82	360559	45.760	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	150277	65.320	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	697253	45.136	ng	-0.02
79) Terphenyl-d14	13.004	244	493078	32.415	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	112206	40.336	ng	98
3) Pyridine	3.493	79	294977	41.640	ng	100
4) n-Nitrosodimethylamine	3.446	42	157867	42.921	ng	92
6) Aniline	6.557	93	290103	25.783	ng	97
8) 2-Chlorophenol	6.681	128	325299	42.961	ng	99
9) Benzaldehyde	6.445	77	176311	35.030	ng	99
10) Phenol	6.539	94	387871	41.193	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	293970	43.371	ng	100
12) 1,3-Dichlorobenzene	6.839	146	354983	42.014	ng	98
13) 1,4-Dichlorobenzene	6.916	146	362483	42.591	ng	99
14) 1,2-Dichlorobenzene	7.069	146	349177	42.876	ng	99
15) Benzyl Alcohol	7.034	79	255956	41.390	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	479366	42.114	ng	98
17) 2-Methylphenol	7.145	107	244760	41.402	ng	100
18) Hexachloroethane	7.410	117	125719	42.303	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	205003	39.528	ng	100
20) 3+4-Methylphenols	7.298	107	301702	39.853	ng	97
22) Acetophenone	7.304	105	407703	42.866	ng	98
24) Nitrobenzene	7.481	77	309931	43.612	ng	98
25) Isophorone	7.716	82	554934	42.124	ng	99
26) 2-Nitrophenol	7.792	139	171622	45.196	ng	98
27) 2,4-Dimethylphenol	7.833	122	271650	40.566	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	355801	43.235	ng	98
29) 2,4-Dichlorophenol	8.039	162	265245	43.555	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	289455	43.796	ng	98
31) Naphthalene	8.204	128	913570	43.183	ng	99
32) Benzoic acid	7.939	122	168301	41.288	ng	96
33) 4-Chloroaniline	8.245	127	85937	10.025	ng	100
34) Hexachlorobutadiene	8.316	225	175291	42.476	ng	99
35) Caprolactam	8.616	113	75256	43.999	ng	98
36) 4-Chloro-3-methylphenol	8.733	107	251467	40.292	ng	96
37) 2-Methylnaphthalene	8.892	142	555494	41.736	ng	100
38) 1-Methylnaphthalene	8.992	142	568389	41.286	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	281606	47.326	ng	99
41) Hexachlorocyclopentadiene	9.045	237	317173	79.016	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	185819	46.311	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142606.D
Acq On : 04 Jun 2025 14:38
Operator : RC/JU
Sample : Q2159-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Quant Time: Jun 04 15:05:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

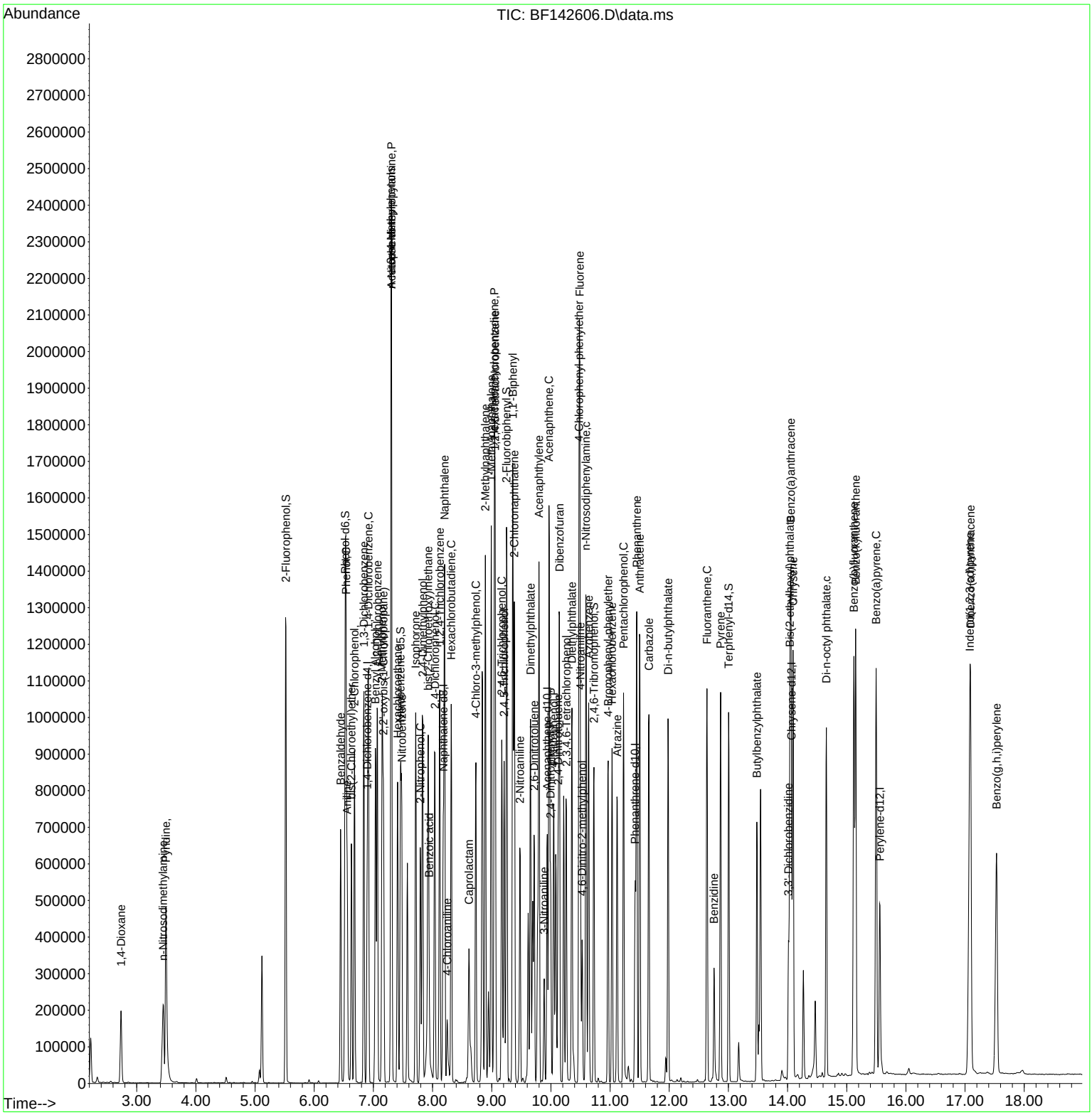
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	182412	43.106	ng	98
46) 1,1'-Biphenyl	9.357	154	741150	46.086	ng	99
47) 2-Chloronaphthalene	9.380	162	542733	45.678	ng	99
48) 2-Nitroaniline	9.475	65	149998	43.676	ng	99
49) Acenaphthylene	9.798	152	884211	44.071	ng	100
50) Dimethylphthalate	9.657	163	597235	43.666	ng	100
51) 2,6-Dinitrotoluene	9.716	165	130411	44.177	ng	99
52) Acenaphthene	9.969	154	566786	46.264	ng	100
53) 3-Nitroaniline	9.886	138	63685	19.751	ng	100
54) 2,4-Dinitrophenol	9.992	184	117271	76.892	ng	94
55) Dibenzofuran	10.145	168	766850	43.498	ng	97
56) 4-Nitrophenol	10.051	139	188095	79.063	ng	96
57) 2,4-Dinitrotoluene	10.122	165	168682	43.754	ng	100
58) Fluorene	10.486	166	572933	42.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	143474	40.613	ng	98
60) Diethylphthalate	10.357	149	559299	41.870	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	279681	41.802	ng	98
62) 4-Nitroaniline	10.498	138	114406	39.123	ng	97
63) Azobenzene	10.639	77	517652	43.145	ng	96
65) 4,6-Dinitro-2-methylph...	10.527	198	74396	46.046	ng	98
66) n-Nitrosodiphenylamine	10.592	169	485968	49.064	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	164283	47.990	ng	97
68) Hexachlorobenzene	11.033	284	177585	46.903	ng	99
69) Atrazine	11.122	200	134893	51.281	ng	99
70) Pentachlorophenol	11.227	266	179072	83.771	ng	99
71) Phenanthrene	11.451	178	699348	45.200	ng	100
72) Anthracene	11.504	178	713117	45.161	ng	100
73) Carbazole	11.657	167	609293	45.135	ng	99
74) Di-n-butylphthalate	11.980	149	707550	47.884	ng	99
75) Fluoranthene	12.639	202	621123	42.963	ng	99
77) Benzidine	12.757	184	184313	23.827	ng	99
78) Pyrene	12.868	202	626053	32.286	ng	100
80) Butylbenzylphthalate	13.480	149	239908	44.775	ng	99
81) Benzo(a)anthracene	14.057	228	615470	44.341	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	114751	27.256	ng	98
83) Chrysene	14.092	228	572386	45.892	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	337322	49.178	ng	99
85) Di-n-octyl phthalate	14.657	149	661412	49.316	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	749576	36.318	ng	98
88) Benzo(b)fluoranthene	15.121	252	708411	43.538	ng	98
89) Benzo(k)fluoranthene	15.151	252	711519	46.688	ng	98
90) Benzo(a)pyrene	15.498	252	700899	45.699	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	616586	36.834	ng	98
92) Benzo(g,h,i)perylene	17.533	276	554788	33.135	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142606.D
Acq On : 04 Jun 2025 14:38
Operator : RC/JU
Sample : Q2159-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Quant Time: Jun 04 15:05:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



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Manual Integration Report

Sequence:	bf052025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF142469.D	Benzoic acid	Rahul	5/21/2025 2:07:30 PM	Jagrut	5/21/2025 4:43:55 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF060425	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF142602.D	Benzoic acid	Rahul	6/5/2025 11:49:24 AM	Jagrut	6/5/2025 1:15:26 PM	Peak Integrated by Software
Q2159-01MS	BF142605.D	Benzoic acid	Rahul	6/5/2025 11:49:26 AM	Jagrut	6/5/2025 1:15:28 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF061125	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF142714.D	2,3,4,6-Tetrachlorophenol	Rahul	6/11/2025 9:18:06 AM	Jagrut	6/11/2025 9:58:06 AM	Peak Integrated by Software
SSTDICC080	BF142719.D	Caprolactam	Rahul	6/11/2025 9:18:10 AM	Jagrut	6/11/2025 9:58:02 AM	Peak Integrated by Software
PB168234BS	BF142726.D	4-Chloroaniline	anahy	6/12/2025 9:39:14 AM	Jagrut	6/12/2025 11:37:34 AM	Peak Integrated by Software
PB168234BS	BF142726.D	Acenaphthene	anahy	6/12/2025 9:39:14 AM	Jagrut	6/12/2025 11:37:34 AM	Peak Integrated by Software
PB168234BS	BF142726.D	Caprolactam	anahy	6/12/2025 9:39:14 AM	Jagrut	6/12/2025 11:37:34 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP060625	Instrument	BNA_p

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

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Manual Integration Report

Sequence:	BP061125	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024905.D	4-Nitroaniline	anahy	6/12/2025 9:29:15 AM	mohammad	6/13/2025 9:04:12 AM	Peak Integrated by Software
SSTDCCC040	BP024905.D	Indeno(1,2,3-cd)pyrene	anahy	6/12/2025 9:29:15 AM	mohammad	6/13/2025 9:04:12 AM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF052025

Review By	Rahul	Review On	5/21/2025 2:52:20 PM				
Supervise By	Jagrut	Supervise On	5/21/2025 4:44:06 PM				
SubDirectory	BF052025	HP Acquire Method	BNA_F		HP Processing Method	bf052025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12665,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142465.D	20 May 2025 11:13	RC/JU	Ok
2	SSTDCCC040	BF142466.D	20 May 2025 11:41	RC/JU	Not Ok
3	SSTDICC2.5	BF142467.D	20 May 2025 12:10	RC/JU	Ok
4	SSTDICC005	BF142468.D	20 May 2025 12:38	RC/JU	Ok
5	SSTDICC010	BF142469.D	20 May 2025 13:07	RC/JU	Ok,M
6	SSTDICC020	BF142470.D	20 May 2025 13:36	RC/JU	Ok
7	SSTDICCC040	BF142471.D	20 May 2025 14:05	RC/JU	Ok
8	SSTDICC050	BF142472.D	20 May 2025 14:34	RC/JU	Ok
9	SSTDICC060	BF142473.D	20 May 2025 15:03	RC/JU	Ok
10	SSTDICC080	BF142474.D	20 May 2025 15:31	RC/JU	Ok
11	SSTDICV040	BF142475.D	20 May 2025 16:31	RC/JU	Ok
12	PB168067TB	BF142476.D	20 May 2025 17:29	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF060425

Review By	Rahul	Review On	6/5/2025 11:49:57 AM		
Supervise By	Jagrut	Supervise On	6/5/2025 1:15:58 PM		
SubDirectory	BF060425	HP Acquire Method	BNA_F	HP Processing Method	bf052025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142601.D	04 Jun 2025 11:59	RC/JU	Ok
2	SSTDCCC040	BF142602.D	04 Jun 2025 12:27	RC/JU	Ok,M
3	PB168234BL	BF142603.D	04 Jun 2025 13:05	RC/JU	Ok
4	Q2159-01	BF142604.D	04 Jun 2025 13:39	RC/JU	Ok
5	Q2159-01MS	BF142605.D	04 Jun 2025 14:08	RC/JU	Ok,M
6	Q2159-01MSD	BF142606.D	04 Jun 2025 14:38	RC/JU	Ok
7	Q2160-05	BF142607.D	04 Jun 2025 15:17	RC/JU	Ok
8	Q2172-01	BF142608.D	04 Jun 2025 15:47	RC/JU	Ok
9	Q2160-01	BF142609.D	04 Jun 2025 16:17	RC/JU	Ok
10	Q2159-04	BF142610.D	04 Jun 2025 16:47	RC/JU	Ok
11	Q2160-04	BF142611.D	04 Jun 2025 17:17	RC/JU	Ok
12	Q2160-08	BF142612.D	04 Jun 2025 17:48	RC/JU	Ok
13	Q2173-06	BF142613.D	04 Jun 2025 18:18	RC/JU	Ok
14	Q2173-12	BF142614.D	04 Jun 2025 18:47	RC/JU	Ok
15	Q2173-18	BF142615.D	04 Jun 2025 19:17	RC/JU	Ok
16	Q2173-07	BF142616.D	04 Jun 2025 19:47	RC/JU	Ok,M
17	Q2173-13	BF142617.D	04 Jun 2025 20:17	RC/JU	Ok,M
18	Q2173-01	BF142618.D	04 Jun 2025 20:47	RC/JU	Ok,M
19	Q2172-04	BF142619.D	04 Jun 2025 21:17	RC/JU	Ok
20	Q2185-04	BF142620.D	04 Jun 2025 21:46	RC/JU	Ok
21	Q2185-08	BF142621.D	04 Jun 2025 22:16	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF060425

Review By	Rahul	Review On	6/5/2025 11:49:57 AM		
Supervise By	Jagrut	Supervise On	6/5/2025 1:15:58 PM		
SubDirectory	BF060425	HP Acquire Method	BNA_F	HP Processing Method	bf052025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2182-01	BF142622.D	04 Jun 2025 22:45	RC/JU	Ok,M
23	Q2178-01	BF142623.D	04 Jun 2025 23:15	RC/JU	Dilution

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061125

Review By	Rahul	Review On	6/11/2025 9:54:45 AM		
Supervise By	Jagrut	Supervise On	6/11/2025 9:58:22 AM		
SubDirectory	BF061125	HP Acquire Method	BNA_F	HP Processing Method	BF061125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142710.D	10 Jun 2025 15:42	RC/JU	Ok
2	SSTDCCC040	BF142711.D	10 Jun 2025 16:11	RC/JU	Not Ok
3	SSTDICC2.5	BF142712.D	10 Jun 2025 16:54	RC/JU	Ok
4	SSTDICC005	BF142713.D	10 Jun 2025 17:24	RC/JU	Ok
5	SSTDICC010	BF142714.D	10 Jun 2025 17:53	RC/JU	Ok,M
6	SSTDICC020	BF142715.D	10 Jun 2025 18:22	RC/JU	Ok
7	SSTDICCC040	BF142716.D	10 Jun 2025 18:52	RC/JU	Ok
8	SSTDICC050	BF142717.D	10 Jun 2025 19:21	RC/JU	Ok
9	SSTDICC060	BF142718.D	10 Jun 2025 19:50	RC/JU	Ok
10	SSTDICC080	BF142719.D	10 Jun 2025 20:19	RC/JU	Ok,M
11	SSTDICV040	BF142720.D	10 Jun 2025 20:49	RC/JU	Ok
12	PB168323BL	BF142721.D	10 Jun 2025 21:47	RC/JU	Ok
13	DFTPP	BF142722.D	11 Jun 2025 08:56	RC/JU	Ok
14	SSTDCCC040	BF142723.D	11 Jun 2025 09:24	RC/JU	Ok
15	PB168376BL	BF142724.D	11 Jun 2025 09:53	RC/JU	Ok
16	PB168376BS	BF142725.D	11 Jun 2025 10:22	RC/JU	Ok,M
17	PB168234BS	BF142726.D	11 Jun 2025 10:51	RC/JU	Ok,M
18	PB168285BS	BF142727.D	11 Jun 2025 11:21	RC/JU	Ok,M
19	PB168285BSD	BF142728.D	11 Jun 2025 11:50	RC/JU	Ok,M
20	PB168378BS	BF142729.D	11 Jun 2025 12:19	RC/JU	Ok,M
21	PB168378BSD	BF142730.D	11 Jun 2025 12:49	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061125

Review By	Rahul	Review On	6/11/2025 9:54:45 AM		
Supervise By	Jagrut	Supervise On	6/11/2025 9:58:22 AM		
SubDirectory	BF061125	HP Acquire Method	BNA_F	HP Processing Method	BF061125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB168378BL	BF142731.D	11 Jun 2025 13:18	RC/JU	Ok
23	Q2264-04	BF142732.D	11 Jun 2025 13:52	RC/JU	Ok
24	Q2268-10	BF142733.D	11 Jun 2025 14:21	RC/JU	Ok
25	Q2268-03	BF142734.D	11 Jun 2025 14:50	RC/JU	Dilution
26	Q2268-04MS	BF142735.D	11 Jun 2025 15:20	RC/JU	Ok,M
27	Q2268-05MSD	BF142736.D	11 Jun 2025 15:50	RC/JU	Ok
28	Q2268-06	BF142737.D	11 Jun 2025 16:19	RC/JU	Dilution
29	Q2268-07	BF142738.D	11 Jun 2025 16:49	RC/JU	Dilution
30	Q2268-08	BF142739.D	11 Jun 2025 17:19	RC/JU	Dilution
31	Q2273-01	BF142740.D	11 Jun 2025 17:49	RC/JU	Ok
32	Q2273-05	BF142741.D	11 Jun 2025 18:18	RC/JU	Ok
33	Q2273-05MS	BF142742.D	11 Jun 2025 18:48	RC/JU	Ok
34	Q2273-05MSD	BF142743.D	11 Jun 2025 19:18	RC/JU	Ok
35	Q2268-03DL	BF142744.D	11 Jun 2025 19:48	RC/JU	Ok
36	Q2268-03	BF142745.D	11 Jun 2025 20:17	RC/JU	Not Ok
37	Q2280-01	BF142746.D	11 Jun 2025 20:47	RC/JU	ReRun

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP060625

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

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

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

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP061125

Review By	anahy	Review On	6/12/2025 9:31:34 AM				
Supervise By	mohammad	Supervise On	6/13/2025 9:04:12 AM				
SubDirectory	BP061125	HP Acquire Method	BNA_P		HP Processing Method	BP060625	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024904.D	11 Jun 2025 09:29	RC/JU	Ok
2	SSTDCCC040	BP024905.D	11 Jun 2025 10:09	RC/JU	Ok,M
3	PB168300BL	BP024906.D	11 Jun 2025 10:50	RC/JU	Ok
4	PB168300BS	BP024907.D	11 Jun 2025 11:31	RC/JU	Ok
5	Q2176-03	BP024908.D	11 Jun 2025 12:18	RC/JU	Ok
6	Q2176-05	BP024909.D	11 Jun 2025 12:59	RC/JU	Ok
7	Q2207-01	BP024910.D	11 Jun 2025 13:40	RC/JU	Ok
8	Q2227-01	BP024911.D	11 Jun 2025 14:21	RC/JU	Ok
9	Q2228-01	BP024912.D	11 Jun 2025 15:02	RC/JU	Ok
10	Q2226-01	BP024913.D	11 Jun 2025 15:43	RC/JU	Ok
11	Q2244-01	BP024914.D	11 Jun 2025 16:24	RC/JU	Ok
12	Q2244-01MS	BP024915.D	11 Jun 2025 17:05	RC/JU	Ok
13	Q2244-01MSD	BP024916.D	11 Jun 2025 17:46	RC/JU	Ok
14	Q2177-02DL	BP024917.D	11 Jun 2025 18:27	RC/JU	Ok,M
15	Q2241-01	BP024918.D	11 Jun 2025 19:08	RC/JU	Ok
16	Q2198-03	BP024919.D	11 Jun 2025 19:49	RC/JU	Ok,M
17	Q2125-07	BP024920.D	11 Jun 2025 20:30	RC/JU	Ok
18	Q2241-05	BP024921.D	11 Jun 2025 21:11	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF052025

Review By	Rahul	Review On	5/21/2025 2:52:20 PM		
Supervise By	Jagrut	Supervise On	5/21/2025 4:44:06 PM		
SubDirectory	BF052025	HP Acquire Method	BNA_F	HP Processing Method	bf052025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12665,10ul/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	BF142465.D	20 May 2025 11:13		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142466.D	20 May 2025 11:41	Fresh Calibration Required	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF142467.D	20 May 2025 12:10		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF142468.D	20 May 2025 12:38	Compound #32,54,85 removed from 5ppm	RC/JU	Ok
5	SSTDICC010	SSTDICC010	BF142469.D	20 May 2025 13:07		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF142470.D	20 May 2025 13:36		RC/JU	Ok
7	SSTDICCC040	SSTDICCC040	BF142471.D	20 May 2025 14:05	This calibration is good for both the methods, 8270E DOD and 625.1.	RC/JU	Ok
8	SSTDICC050	SSTDICC050	BF142472.D	20 May 2025 14:34		RC/JU	Ok
9	SSTDICC060	SSTDICC060	BF142473.D	20 May 2025 15:03		RC/JU	Ok
10	SSTDICC080	SSTDICC080	BF142474.D	20 May 2025 15:31		RC/JU	Ok
11	SSTDICV040	ICVBF052025	BF142475.D	20 May 2025 16:31		RC/JU	Ok
12	PB168067TB	PB168067TB	BF142476.D	20 May 2025 17:29		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF060425

Review By	Rahul	Review On	6/5/2025 11:49:57 AM		
Supervise By	Jagrut	Supervise On	6/5/2025 1:15:58 PM		
SubDirectory	BF060425	HP Acquire Method	BNA_F	HP Processing Method	bf052025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142601.D	04 Jun 2025 11:59		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142602.D	04 Jun 2025 12:27		RC/JU	Ok,M
3	PB168234BL	PB168234BL	BF142603.D	04 Jun 2025 13:05		RC/JU	Ok
4	Q2159-01	TP05-MHO-WC	BF142604.D	04 Jun 2025 13:39		RC/JU	Ok
5	Q2159-01MS	TP05-MHO-WCMS	BF142605.D	04 Jun 2025 14:08		RC/JU	Ok,M
6	Q2159-01MSD	TP05-MHO-WCMSD	BF142606.D	04 Jun 2025 14:38		RC/JU	Ok
7	Q2160-05	TP05-MHH-WC	BF142607.D	04 Jun 2025 15:17		RC/JU	Ok
8	Q2172-01	TP06-MHQ	BF142608.D	04 Jun 2025 15:47		RC/JU	Ok
9	Q2160-01	TP04-MHG-WC	BF142609.D	04 Jun 2025 16:17		RC/JU	Ok
10	Q2159-04	TP05-MHO-WC	BF142610.D	04 Jun 2025 16:47		RC/JU	Ok
11	Q2160-04	TP04-MHG-WC	BF142611.D	04 Jun 2025 17:17		RC/JU	Ok
12	Q2160-08	TP05-MHH-WC	BF142612.D	04 Jun 2025 17:48		RC/JU	Ok
13	Q2173-06	OR-400-CF-402B-COM	BF142613.D	04 Jun 2025 18:18		RC/JU	Ok
14	Q2173-12	OR-400-CF-402B-COM	BF142614.D	04 Jun 2025 18:47		RC/JU	Ok
15	Q2173-18	OR-400-CF-402B-COM	BF142615.D	04 Jun 2025 19:17		RC/JU	Ok
16	Q2173-07	OR-400-CF-402B-COM	BF142616.D	04 Jun 2025 19:47		RC/JU	Ok,M
17	Q2173-13	OR-400-CF-402B-COM	BF142617.D	04 Jun 2025 20:17		RC/JU	Ok,M
18	Q2173-01	OR-400-CF-402B-COM	BF142618.D	04 Jun 2025 20:47		RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF060425

Review By	Rahul	Review On	6/5/2025 11:49:57 AM		
Supervise By	Jagrut	Supervise On	6/5/2025 1:15:58 PM		
SubDirectory	BF060425	HP Acquire Method	BNA_F	HP Processing Method	bf052025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2172-04	TP06-MHQ	BF142619.D	04 Jun 2025 21:17		RC/JU	Ok
20	Q2185-04	TP02-MHB-WC	BF142620.D	04 Jun 2025 21:46		RC/JU	Ok
21	Q2185-08	TP01-MHA-WC	BF142621.D	04 Jun 2025 22:16		RC/JU	Ok
22	Q2182-01	OR-03-06022025	BF142622.D	04 Jun 2025 22:45		RC/JU	Ok,M
23	Q2178-01	RT2929	BF142623.D	04 Jun 2025 23:15	Analyze with further 10X Dilution first & then decide	RC/JU	Dilution

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061125

Review By	Rahul	Review On	6/11/2025 9:54:45 AM		
Supervise By	Jagrut	Supervise On	6/11/2025 9:58:22 AM		
SubDirectory	BF061125	HP Acquire Method	BNA_F	HP Processing Method	BF061125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/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	BF142710.D	10 Jun 2025 15:42		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142711.D	10 Jun 2025 16:11	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF142712.D	10 Jun 2025 16:54		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF142713.D	10 Jun 2025 17:24		RC/JU	Ok
5	SSTDICC010	SSTDICC010	BF142714.D	10 Jun 2025 17:53		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF142715.D	10 Jun 2025 18:22		RC/JU	Ok
7	SSTDICCC040	SSTDICCC040	BF142716.D	10 Jun 2025 18:52	Calibration is Good for 8270 E, 8270 DOD and 625.1 methods.	RC/JU	Ok
8	SSTDICC050	SSTDICC050	BF142717.D	10 Jun 2025 19:21		RC/JU	Ok
9	SSTDICC060	SSTDICC060	BF142718.D	10 Jun 2025 19:50		RC/JU	Ok
10	SSTDICC080	SSTDICC080	BF142719.D	10 Jun 2025 20:19	Compound #09 removed from 80 PPM.	RC/JU	Ok,M
11	SSTDICV040	ICVBF061125	BF142720.D	10 Jun 2025 20:49		RC/JU	Ok
12	PB168323BL	PB168323BL	BF142721.D	10 Jun 2025 21:47		RC/JU	Ok
13	DFTPP	DFTPP	BF142722.D	11 Jun 2025 08:56		RC/JU	Ok
14	SSTDCCC040	SSTDCCC040	BF142723.D	11 Jun 2025 09:24		RC/JU	Ok
15	PB168376BL	PB168376BL	BF142724.D	11 Jun 2025 09:53		RC/JU	Ok
16	PB168376BS	PB168376BS	BF142725.D	11 Jun 2025 10:22		RC/JU	Ok,M
17	PB168234BS	PB168234BS	BF142726.D	11 Jun 2025 10:51		RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061125

Review By	Rahul	Review On	6/11/2025 9:54:45 AM		
Supervise By	Jagrut	Supervise On	6/11/2025 9:58:22 AM		
SubDirectory	BF061125	HP Acquire Method	BNA_F	HP Processing Method	BF061125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB168285BS	PB168285BS	BF142727.D	11 Jun 2025 11:21		RC/JU	Ok,M
19	PB168285BSD	PB168285BSD	BF142728.D	11 Jun 2025 11:50		RC/JU	Ok,M
20	PB168378BS	PB168378BS	BF142729.D	11 Jun 2025 12:19		RC/JU	Ok,M
21	PB168378BSD	PB168378BSD	BF142730.D	11 Jun 2025 12:49		RC/JU	Ok,M
22	PB168378BL	PB168378BL	BF142731.D	11 Jun 2025 13:18		RC/JU	Ok
23	Q2264-04	EF-WW	BF142732.D	11 Jun 2025 13:52	Surrogate and Internal Standard Failed	RC/JU	Ok
24	Q2268-10	FB-20250605	BF142733.D	11 Jun 2025 14:21		RC/JU	Ok
25	Q2268-03	MW-2-20250605	BF142734.D	11 Jun 2025 14:50	Need 2X Dilution	RC/JU	Dilution
26	Q2268-04MS	MW-2-20250605MS	BF142735.D	11 Jun 2025 15:20		RC/JU	Ok,M
27	Q2268-05MSD	MW-2-20250605MSD	BF142736.D	11 Jun 2025 15:50		RC/JU	Ok
28	Q2268-06	MW-2-20250605-A	BF142737.D	11 Jun 2025 16:19	Need 2X Dilution	RC/JU	Dilution
29	Q2268-07	MW-6-20250605	BF142738.D	11 Jun 2025 16:49	Internal Standard Fail, Need 2X Dilution	RC/JU	Dilution
30	Q2268-08	MW-3-20250605	BF142739.D	11 Jun 2025 17:19	Internal Standard Fail, Need 2X Dilution	RC/JU	Dilution
31	Q2273-01	WC-4	BF142740.D	11 Jun 2025 17:49		RC/JU	Ok
32	Q2273-05	WC-6	BF142741.D	11 Jun 2025 18:18		RC/JU	Ok
33	Q2273-05MS	WC-6MS	BF142742.D	11 Jun 2025 18:48		RC/JU	Ok
34	Q2273-05MSD	WC-6MSD	BF142743.D	11 Jun 2025 19:18		RC/JU	Ok
35	Q2268-03DL	MW-2-20250605DL	BF142744.D	11 Jun 2025 19:48		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061125

Review By	Rahul	Review On	6/11/2025 9:54:45 AM		
Supervise By	Jagrut	Supervise On	6/11/2025 9:58:22 AM		
SubDirectory	BF061125	HP Acquire Method	BNA_F	HP Processing Method	BF061125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

36	Q2268-03	MW-2-20250605	BF142745.D	11 Jun 2025 20:17	Already analyzed with OK status	RC/JU	Not Ok
37	Q2280-01	VNJ-210	BF142746.D	11 Jun 2025 20:47	Internal standard fail	RC/JU	ReRun

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP060625

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

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

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

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP061125

Review By	anahy	Review On	6/12/2025 9:31:34 AM		
Supervise By	mohammad	Supervise On	6/13/2025 9:04:12 AM		
SubDirectory	BP061125	HP Acquire Method	BNA_P	HP Processing Method	BP060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024904.D	11 Jun 2025 09:29		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024905.D	11 Jun 2025 10:09		RC/JU	Ok,M
3	PB168300BL	PB168300BL	BP024906.D	11 Jun 2025 10:50		RC/JU	Ok
4	PB168300BS	PB168300BS	BP024907.D	11 Jun 2025 11:31		RC/JU	Ok
5	Q2176-03	TP-25	BP024908.D	11 Jun 2025 12:18		RC/JU	Ok
6	Q2176-05	TP-28	BP024909.D	11 Jun 2025 12:59		RC/JU	Ok
7	Q2207-01	BU-703-COMP-01	BP024910.D	11 Jun 2025 13:40		RC/JU	Ok
8	Q2227-01	TP07-MHH-WC	BP024911.D	11 Jun 2025 14:21		RC/JU	Ok
9	Q2228-01	TP08-MHI-WC	BP024912.D	11 Jun 2025 15:02		RC/JU	Ok
10	Q2226-01	TP06-MHI-WC	BP024913.D	11 Jun 2025 15:43		RC/JU	Ok
11	Q2244-01	TP03-MHC	BP024914.D	11 Jun 2025 16:24		RC/JU	Ok
12	Q2244-01MS	TP03-MHCMS	BP024915.D	11 Jun 2025 17:05		RC/JU	Ok
13	Q2244-01MSD	TP03-MHCMSD	BP024916.D	11 Jun 2025 17:46		RC/JU	Ok
14	Q2177-02DL	B-187-SB01DL	BP024917.D	11 Jun 2025 18:27		RC/JU	Ok,M
15	Q2241-01	TP-N	BP024918.D	11 Jun 2025 19:08		RC/JU	Ok
16	Q2198-03	B-207-SB02	BP024919.D	11 Jun 2025 19:49		RC/JU	Ok,M
17	Q2125-07	GSB3	BP024920.D	11 Jun 2025 20:30		RC/JU	Ok
18	Q2241-05	TP-S	BP024921.D	11 Jun 2025 21:11		RC/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP061125

Review By	anahy	Review On	6/12/2025 9:31:34 AM		
Supervise By	mohammad	Supervise On	6/13/2025 9:04:12 AM		
SubDirectory	BP061125	HP Acquire Method	BNA_P	HP Processing Method	BP060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168234

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	N/A			**Extraction Start Date :**	06/04/2025
Matrix :	Solid			**Extraction Start Time :**	09:10
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	06/04/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:40
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6794
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2612
Baked Na2SO4	N/A	EP2620
Sand	N/A	EP2865
Methylene Chloride	N/A	E3939
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443, Q2161 is Extracted out of holding time.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/4/25 12:45	RS (Ext-lab)	RC/SVOC
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168234

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 06/04/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168234BL	SBLK234	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			U3-1
PB168234BS	SLCS234	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q2125-07	GSB3	SVOCMS Group1	30.07	N/A	ritesh	Evelyn	1			3
Q2159-01	TP05-MHO-WC	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		4
Q2159-01MS	TP05-MHO-WCMS	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		5
Q2159-01MSD	TP05-MHO-WCMSD	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		6
Q2160-01	TP04-MHG-WC	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		U6-1
Q2160-05	TP05-MHG-WC	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		2
Q2161-01	B27-SOIL-SAMPLE	SVOCMS Group1	30.06	N/A	ritesh	Evelyn	1	B		3
Q2161-02	B28-SOIL-SAMPLE	SVOCMS Group1	30.08	N/A	ritesh	Evelyn	1	B		4
Q2172-01	TP06-MHQ	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E		5
Q2173-01	OR-400-CF-402B-COMP-23	SVOC-TCL BNA -20	50.01	N/A	ritesh	Evelyn	1	E		6
Q2173-07	OR-400-CF-402B-COMP-24	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		U1-1
Q2173-13	OR-400-CF-402B-COMP-25	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		2
Q2176-01	TP-46	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	E		3
Q2176-02	TP-56	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		4
Q2176-03	TP-25	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		5
Q2176-04	TP-26	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	E		6
Q2176-05	TP-28	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		U2-1
Q2176-06	TP-27	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	E		2
Q2176-07	TP-31	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		3
Q2176-08	TP-65	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		4
Q2185-01	TP02-MHB-WC	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	B		5
Q2185-05	TP01-MHB-WC	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	B		6

RS 6/4

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

168234 9:10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2173 **WorkList ID :** 189861 **Department :** Extraction **Date :** 06-04-2025 09:03:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2176-01	TP-46	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/28/2025	8270E
Q2176-02	TP-56	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/29/2025	8270E
Q2176-03	TP-25	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/29/2025	8270E
Q2176-04	TP-26	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/29/2025	8270E
Q2176-05	TP-28	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/29/2025	8270E
Q2176-06	TP-27	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/29/2025	8270E
Q2176-07	TP-31	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/29/2025	8270E
Q2176-08	TP-65	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/30/2025	8270E
Q2125-07	GSB3	Solid	SVOCMS Group1	Cool 4 deg C	GENV01	L31	05/23/2025	8270E
Q2161-01	B27-SOIL-SAMPLE	Solid	SVOCMS Group1	Cool 4 deg C	SCAL01	L41	05/12/2025	8270E
Q2161-02	B28-SOIL-SAMPLE	Solid	SVOCMS Group1	Cool 4 deg C	SCAL01	L41	05/12/2025	8270E
Q2159-01	TP05-MHO-WC	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/29/2025	8270E
Q2160-01	TP04-MHG-WC	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/29/2025	8270E
Q2160-05	TP05-MHH-WC	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/29/2025	8270E
Q2172-01	TP06-MHQ	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	05/30/2025	8270E
Q2173-01	OR-400-CF-402B-COMP-23	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	05/30/2025	8270E
Q2173-07	OR-400-CF-402B-COMP-24	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	05/30/2025	8270E
Q2173-13	OR-400-CF-402B-COMP-25	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	05/30/2025	8270E
Q2185-01	TP02-MHB-WC	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	06/02/2025	8270E
Q2185-05	TP01-MHB-WC	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	06/02/2025	8270E

Date/Time 06/04/25 9:05
Raw Sample Received by: RJ (LEFT-Veh)
Raw Sample Relinquished by: RM SM

Date/Time 06/04/25 9:35
Raw Sample Received by: RM SM
Raw Sample Relinquished by: RJ (LEFT-Veh)

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LAB CHRONICLE

OrderID:	Q2125	**OrderDate:**	5/23/2025 11:50:35 AM
Client:	G Environmental	**Project:**	Seely
Contact:	Gary Landis	**Location:**	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2125-07	**GSB3**	**SOIL**			**05/23/25**			**05/23/25**
			SVOCMS Group1	8270E		06/04/25	06/11/25	
Q2125-08	**GSB3**	**Water**			**05/23/25**			**05/23/25**
			SPLP BNA Group1	8270E		06/06/25	06/09/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2125

Client: G Environmental

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : GSB3								
Q2125-08	GSB3	WATER	2-Methylnaphthalene	20.000		0.56	5	ug/L
			Total Svoc :			**20.00**		
			Total Concentration:			**20.00**		

SAMPLE DATA

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/06/25
Project:	Seely	Date Received:	06/06/25
Client Sample ID:	PB168340TB	SDG No.:	Q2125
Lab Sample ID:	PB168340TB	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050239.D	1	06/06/25 09:15	06/09/25 12:44	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	93.4		30 (67) - 130 (132)	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.6		30 (52) - 130 (132)	94%	SPK: 100
1718-51-0	Terphenyl-d14	90.3		30 (42) - 130 (152)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	296000	7.769			
1146-65-2	Naphthalene-d8	1100000	10.551			
15067-26-2	Acenaphthene-d10	626000	14.398			
1517-22-2	Phenanthrene-d10	1240000	17.133			
1719-03-5	Chrysene-d12	1300000	21.362			
1520-96-3	Perylene-d12	1380000	24.344			

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

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Report of Analysis

Client:	G Environmental	Date Collected:	05/23/25
Project:	Seely	Date Received:	05/23/25
Client Sample ID:	GSB3	SDG No.:	Q2125
Lab Sample ID:	Q2125-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050240.D	1	06/06/25 09:15	06/09/25 13:29	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	20.0		0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	97.0		30 (67) - 130 (132)	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.3		30 (52) - 130 (132)	88%	SPK: 100
1718-51-0	Terphenyl-d14	90.1		30 (42) - 130 (152)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	259000	7.769			
1146-65-2	Naphthalene-d8	1010000	10.551			
15067-26-2	Acenaphthene-d10	582000	14.398			
1517-22-2	Phenanthrene-d10	1100000	17.133			
1719-03-5	Chrysene-d12	1120000	21.362			
1520-96-3	Perylene-d12	1280000	24.338			

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

QC SUMMARY

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

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168340BL	PB168340BL	Nitrobenzene-d5	100	88.6	89		30 (67)	130 (132)
		2-Fluorobiphenyl	100	89.3	89		30 (52)	130 (132)
		Terphenyl-d14	100	86.4	86		30 (42)	130 (152)
PB168340BS	PB168340BS	Nitrobenzene-d5	100	83.8	84		30 (67)	130 (132)
		2-Fluorobiphenyl	100	80.9	81		30 (52)	130 (132)
		Terphenyl-d14	100	82.7	83		30 (42)	130 (152)
PB168340TB	PB168340TB	Nitrobenzene-d5	100	93.4	93		30 (67)	130 (132)
		2-Fluorobiphenyl	100	93.6	94		30 (52)	130 (132)
		Terphenyl-d14	100	90.3	90		30 (42)	130 (152)
Q2125-08	GSB3	Nitrobenzene-d5	100	97.0	97		30 (67)	130 (132)
		2-Fluorobiphenyl	100	88.3	88		30 (52)	130 (132)
		Terphenyl-d14	100	90.1	90		30 (42)	130 (152)
Q2125-08MS	GSB3MS	Nitrobenzene-d5	100	90.9	91		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.0	85		30 (52)	130 (132)
		Terphenyl-d14	100	92.4	92		30 (42)	130 (152)
Q2125-08MSD	GSB3MSD	Nitrobenzene-d5	100	92.0	92		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.8	86		30 (52)	130 (132)
		Terphenyl-d14	100	93.9	94		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2125-08MS		**Client Sample ID:** GSB3MS						**DataFile:** BM050241.D			
Naphthalene	50	0	59.0	ug/L	118				70 (17)	130 (157)	
2-Methylnaphthalene	50	20.0	170	ug/L	300	*			70 (38)	130 (146)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2125-08MSD		**Client Sample ID:** GSB3MSD						**DataFile:** BM050242.D			
Naphthalene	50	0	59.1	ug/L	118		0		70 (17)	130 (157)	20 (20)
2-Methylnaphthalene	50	20.0	170	ug/L	300	*	0		70 (38)	130 (146)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: 8270E **DataFile:** BM050238.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168340BS	Naphthalene	50	45.8	ug/L	92				70 (64)	130 (107)	
	2-Methylnaphthalene	50	47.5	ug/L	95				70 (64)	130 (107)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168340BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BM050237.D Lab Sample ID: PB168340BL

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

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

Level: (low/med) LOW Time Analyzed: 11:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168340BS	PB168340BS	BM050238.D	06/09/2025
PB168340TB	PB168340TB	BM050239.D	06/09/2025
GSB3	Q2125-08	BM050240.D	06/09/2025
GSB3MS	Q2125-08MS	BM050241.D	06/09/2025
GSB3MSD	Q2125-08MSD	BM050242.D	06/09/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BM050193.D DFTPP Injection Date: 06/05/2025

Instrument ID: BNA_M DFTPP Injection Time: 08:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.3
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	37.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	24.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.8 (19.9) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM050194.D	06/05/2025	09:20
SSTDICC005	SSTDICC005	BM050195.D	06/05/2025	09:59
SSTDICC010	SSTDICC010	BM050196.D	06/05/2025	10:38
SSTDICC020	SSTDICC020	BM050197.D	06/05/2025	11:17
SSTDICCC040	SSTDICCC040	BM050198.D	06/05/2025	11:57
SSTDICC050	SSTDICC050	BM050199.D	06/05/2025	12:36
SSTDICC060	SSTDICC060	BM050200.D	06/05/2025	13:16
SSTDICC080	SSTDICC080	BM050201.D	06/05/2025	13:56

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BM050235.D DFTPP Injection Date: 06/09/2025

Instrument ID: BNA_M DFTPP Injection Time: 10:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.7
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.9
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	24.7
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	12.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16.1 (19.7) 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	BM050236.D	06/09/2025	10:47
PB168340BL	PB168340BL	BM050237.D	06/09/2025	11:26
PB168340BS	PB168340BS	BM050238.D	06/09/2025	12:05
PB168340TB	PB168340TB	BM050239.D	06/09/2025	12:44
GSB3	Q2125-08	BM050240.D	06/09/2025	13:29
GSB3MS	Q2125-08MS	BM050241.D	06/09/2025	14:08
GSB3MSD	Q2125-08MSD	BM050242.D	06/09/2025	14:47

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

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

Lab File ID: BM050236.D Time Analyzed: 10:47

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	371799	7.769	1449700	10.56	826607	14.40
	UPPER LIMIT	743598	8.269	2899400	11.057	1653210	14.898
	LOWER LIMIT	185900	7.269	724850	10.057	413304	13.898
	EPA SAMPLE NO.						
01	PB168340BL	308898	7.77	1157440	10.56	647360	14.40
02	PB168340BS	320774	7.77	1257050	10.56	743659	14.40
03	PB168340TB	295930	7.77	1103530	10.55	626432	14.40
04	GSB3	258819	7.77	1009930	10.55	581596	14.40
05	GSB3MS	289351	7.77	1143580	10.56	672610	14.40
06	GSB3MSD	281877	7.77	1107270	10.56	644595	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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

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

Lab File ID: BM050236.D Time Analyzed: 10:47

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1554640	17.139	1640720	21.374	1782070	24.344
	UPPER LIMIT	3109280	17.639	3281440	21.874	3564140	24.844
	LOWER LIMIT	777320	16.639	820360	20.874	891035	23.844
	EPA SAMPLE NO.						
01	PB168340BL	1268440	17.13	1357310	21.37	1477670	24.34
02	PB168340BS	1440530	17.14	1506860	21.37	1650440	24.34
03	PB168340TB	1242520	17.13	1296950	21.36	1380170	24.34
04	GSB3	1095570	17.13	1122300	21.36	1282470	24.34
05	GSB3MS	1263270	17.14	1232810	21.37	1346660	24.34
06	GSB3MSD	1197070	17.14	1175820	21.37	1237450	24.34

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
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Seely			Date Received:	
Client Sample ID:	PB168340BL			SDG No.:	Q2125
Lab Sample ID:	PB168340BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SPLP BNA Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050237.D	1	06/06/25 09:15	06/09/25 11:26	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	88.6		30 (67) - 130 (132)	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.3		30 (52) - 130 (132)	89%	SPK: 100
1718-51-0	Terphenyl-d14	86.4		30 (42) - 130 (152)	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	309000	7.769			
1146-65-2	Naphthalene-d8	1160000	10.557			
15067-26-2	Acenaphthene-d10	647000	14.398			
1517-22-2	Phenanthrene-d10	1270000	17.133			
1719-03-5	Chrysene-d12	1360000	21.368			
1520-96-3	Perylene-d12	1480000	24.344			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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B = Analyte Found in Associated Method Blank
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A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Seely	Date Received:	
Client Sample ID:	PB168340BS	SDG No.:	Q2125
Lab Sample ID:	PB168340BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050238.D	1	06/06/25 09:15	06/09/25 12:05	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	45.8		0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	47.5		0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	83.8		30 (67) - 130 (132)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.9		30 (52) - 130 (132)	81%	SPK: 100
1718-51-0	Terphenyl-d14	82.7		30 (42) - 130 (152)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	321000	7.769			
1146-65-2	Naphthalene-d8	1260000	10.557			
15067-26-2	Acenaphthene-d10	744000	14.398			
1517-22-2	Phenanthrene-d10	1440000	17.139			
1719-03-5	Chrysene-d12	1510000	21.374			
1520-96-3	Perylene-d12	1650000	24.344			

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
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A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	05/23/25
Project:	Seely	Date Received:	05/23/25
Client Sample ID:	GSB3MS	SDG No.:	Q2125
Lab Sample ID:	Q2125-08MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050241.D	1	06/06/25 09:15	06/09/25 14:08	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	59.0		0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	170	E	0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	90.9		30 (67) - 130 (132)	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.0		30 (52) - 130 (132)	85%	SPK: 100
1718-51-0	Terphenyl-d14	92.4		30 (42) - 130 (152)	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	289000	7.769			
1146-65-2	Naphthalene-d8	1140000	10.557			
15067-26-2	Acenaphthene-d10	673000	14.398			
1517-22-2	Phenanthrene-d10	1260000	17.139			
1719-03-5	Chrysene-d12	1230000	21.368			
1520-96-3	Perylene-d12	1350000	24.344			

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:	05/23/25
Project:	Seely	Date Received:	05/23/25
Client Sample ID:	GSB3MSD	SDG No.:	Q2125
Lab Sample ID:	Q2125-08MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050242.D	1	06/06/25 09:15	06/09/25 14:47	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	59.1		0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	170	E	0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	92.0		30 (67) - 130 (132)	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.8		30 (52) - 130 (132)	86%	SPK: 100
1718-51-0	Terphenyl-d14	93.9		30 (42) - 130 (152)	94%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	282000	7.769			
1146-65-2	Naphthalene-d8	1110000	10.557			
15067-26-2	Acenaphthene-d10	645000	14.398			
1517-22-2	Phenanthrene-d10	1200000	17.139			
1719-03-5	Chrysene-d12	1180000	21.368			
1520-96-3	Perylene-d12	1240000	24.344			

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

CALIBRATION SUMMARY

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jun 05 16:20:25 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM050194.D 5 =BM050195.D 10 =BM050196.D 20 =BM050197.D 40 =BM050198.D 50 =BM050199.D 60 =BM050200.D 80 =BM0502
01.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.597	0.552	0.516	0.479	0.511	0.536	0.488	0.526	7.69
3)		Pyridine		1.353	1.352	1.370	1.311	1.425	1.389	1.326	1.361	2.80
4)		n-Nitrosodimet...		0.283	0.265	0.279	0.272	0.297	0.293	0.282	0.281	3.95
5)	S	2-Fluorophenol		1.251	1.193	1.192	1.145	1.238	1.224	1.150	1.199	3.45
6)		Aniline		2.033	2.016	2.147	2.065	2.250	2.064	2.031	2.086	4.02
7)	S	Phenol-d6		1.569	1.521	1.617	1.565	1.699	1.560	1.516	1.578	4.00
8)		2-Chlorophenol		1.289	1.259	1.344	1.295	1.418	1.338	1.288	1.319	4.02
9)		Benzaldehyde		1.188	1.080	1.096	0.878	0.975	0.804		1.003	14.43
10)	C	Phenol		1.673	1.644	1.710	1.644	1.782	1.637	1.600	1.670	3.58
11)		bis(2-Chloroet...		1.396	1.319	1.380	1.315	1.428	1.295	1.269	1.343	4.36
12)		1,3-Dichlorobe...		1.516	1.462	1.491	1.412	1.545	1.485	1.409	1.474	3.46
13)	C	1,4-Dichlorobe...		1.619	1.544	1.564	1.450	1.591	1.525	1.444	1.534	4.34
14)		1,2-Dichlorobe...		1.503	1.456	1.492	1.402	1.540	1.450	1.392	1.462	3.68
15)		Benzyl Alcohol		1.072	1.045	1.152	1.141	1.267	1.102	1.101	1.126	6.43
16)		2,2'-oxybis(1-...		1.012	0.949	0.974	0.909	0.978	0.863	0.845	0.933	6.68
17)		2-Methylphenol		1.078	1.042	1.133	1.108	1.207	1.077	1.068	1.102	4.96
18)		Hexachloroethane		0.564	0.544	0.552	0.533	0.593	0.559	0.543	0.556	3.51
19)	P	n-Nitroso-di-n...	0.847	0.944	0.947	1.072	1.001	1.096	0.906	0.913	0.966	8.82
20)		3+4-Methylphenols		1.367	1.375	1.533	1.509	1.661	1.437	1.438	1.474	6.98
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.515	0.506	0.517	0.476	0.519	0.495	0.470	0.500	4.03
23)	S	Nitrobenzene-d5		0.359	0.362	0.392	0.377	0.414	0.406	0.382	0.385	5.42
24)		Nitrobenzene		0.333	0.337	0.359	0.339	0.370	0.363	0.347	0.350	4.10
25)		Isophorone		0.647	0.624	0.685	0.659	0.733	0.652	0.646	0.664	5.33
26)	C	2-Nitrophenol		0.116	0.124	0.146	0.155	0.178	0.169	0.169	0.151	15.65
27)		2,4-Dimethylph...		0.311	0.298	0.315	0.303	0.332	0.313	0.299	0.310	3.80
28)		bis(2-Chloroet...		0.426	0.413	0.447	0.427	0.470	0.432	0.420	0.434	4.42
29)	C	2,4-Dichloroph...		0.265	0.262	0.289	0.286	0.319	0.300	0.289	0.287	6.83
30)		1,2,4-Trichlor...		0.324	0.307	0.321	0.305	0.337	0.330	0.312	0.319	3.72
31)		Naphthalene		1.111	1.041	1.056	0.977	1.061	1.025	0.969	1.034	4.79
32)		Benzoic acid			0.127	0.176	0.204	0.233	0.211	0.219	0.195	19.69
33)		4-Chloroaniline		0.438	0.423	0.454	0.433	0.477	0.440	0.422	0.441	4.37
34)	C	Hexachlorobuta...		0.188	0.184	0.189	0.182	0.202	0.197	0.188	0.190	3.74
35)		Caprolactam		0.077	0.077	0.093	0.097	0.112	0.092	0.090	0.091	13.48
36)	C	4-Chloro-3-met...		0.293	0.276	0.313	0.313	0.347	0.302	0.299	0.306	7.19
37)		2-Methylnaphth...		0.625	0.592	0.643	0.615	0.679	0.619	0.594	0.624	4.78
38)		1-Methylnaphth...		0.676	0.637	0.689	0.649	0.714	0.648	0.622	0.662	4.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.586	0.561	0.585	0.541	0.589	0.607	0.574	0.578	3.71
41)	P	Hexachlorocycl...	0.295	0.305	0.339	0.341	0.382	0.401	0.392	0.351	12.02
42)	S	2,4,6-Tribromo...	0.210	0.213	0.238	0.231	0.254	0.233	0.214	0.227	6.99
43)	C	2,4,6-Trichlor...	0.346	0.347	0.379	0.375	0.414	0.402	0.396	0.380	6.93
44)		2,4,5-Trichlor...	0.371	0.382	0.424	0.414	0.457	0.442	0.429	0.417	7.46
45)	S	2-Fluorobiphenyl	1.589	1.536	1.532	1.377	1.463	1.480	1.364	1.477	5.67
46)		1,1'-Biphenyl	1.582	1.513	1.514	1.404	1.526	1.508	1.437	1.498	3.96
47)		2-Chloronaphth...	1.221	1.194	1.180	1.084	1.171	1.177	1.123	1.164	3.94
48)		2-Nitroaniline	0.200	0.206	0.252	0.268	0.302	0.290	0.277	0.256	15.56
49)		Acenaphthylene	1.863	1.834	1.940	1.819	1.978	1.924	1.824	1.883	3.39
50)		Dimethylphthalate	1.339	1.285	1.398	1.343	1.474	1.344	1.284	1.353	4.92
51)		2,6-Dinitrotol...	0.204	0.231	0.284	0.289	0.320	0.297	0.284	0.273	14.82
52)	C	Acenaphthene	1.217	1.176	1.185	1.132	1.228	1.181	1.127	1.178	3.24
53)		3-Nitroaniline	0.231	0.252	0.312	0.323	0.360	0.336	0.314	0.304	15.16
54)	P	2,4-Dinitrophenol		0.093	0.131	0.152	0.179	0.160	0.160	0.146	20.67
55)		Dibenzofuran	1.782	1.710	1.775	1.662	1.797	1.719	1.617	1.723	3.87
56)	P	4-Nitrophenol	0.199	0.216	0.265	0.274	0.307	0.288	0.262	0.259	14.93
57)		2,4-Dinitrotol...	0.250	0.283	0.365	0.396	0.447	0.398	0.380	0.360	19.28
58)		Fluorene	1.413	1.358	1.394	1.267	1.348	1.289	1.169	1.320	6.40
59)		2,3,4,6-Tetrac...	0.338	0.330	0.370	0.365	0.401	0.371	0.350	0.361	6.60
60)		Diethylphthalate	1.314	1.272	1.416	1.346	1.490	1.317	1.238	1.342	6.43
61)		4-Chlorophenyl...	0.675	0.656	0.667	0.611	0.660	0.623	0.573	0.638	5.81
62)		4-Nitroaniline	0.213	0.236	0.291	0.308	0.342	0.319	0.285	0.285	16.00
63)		Azobenzene	1.342	1.330	1.415	1.313	1.443	1.316	1.230	1.341	5.25
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.075	0.101	0.111	0.128	0.120	0.121	0.109	17.72
66)	c	n-Nitrosodiphe...	0.630	0.626	0.639	0.594	0.646	0.639	0.625	0.628	2.73
67)		4-Bromophenyl-...	0.207	0.204	0.215	0.204	0.228	0.217	0.218	0.213	4.13
68)		Hexachlorobenzene	0.249	0.240	0.253	0.238	0.261	0.255	0.249	0.249	3.29
69)		Atrazine	0.166	0.177	0.206	0.206	0.231	0.212	0.204	0.200	10.86
70)	C	Pentachlorophenol	0.133	0.138	0.165	0.164	0.187	0.177	0.171	0.162	12.21
71)		Phenanthrene	1.239	1.156	1.160	1.071	1.161	1.144	1.068	1.143	5.14
72)		Anthracene	1.167	1.135	1.175	1.086	1.181	1.165	1.092	1.143	3.46
73)		Carbazole	1.041	1.003	1.063	1.009	1.103	1.085	0.985	1.041	4.30
74)		Di-n-butylphth...	0.998	1.007	1.187	1.159	1.300	1.187	1.093	1.133	9.53
75)	C	Fluoranthene	1.180	1.139	1.231	1.178	1.301	1.284	1.121	1.205	5.77
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.381	0.568	0.617	0.689	0.600	0.520	0.562	18.64
78)		Pyrene	1.331	1.307	1.444	1.324	1.423	1.274	1.334	1.348	4.61
79)	S	Terphenyl-d14	1.148	1.088	1.165	1.010	1.064	0.955	0.957	1.055	8.06
80)		Butylbenzylpht...	0.322	0.347	0.460	0.490	0.563	0.480	0.485	0.450	18.95
81)		Benzo(a)anthra...	1.271	1.231	1.298	1.218	1.338	1.280	1.225	1.266	3.47
82)		3,3'-Dichlorob...	0.265	0.301	0.379	0.415	0.476	0.450	0.416	0.386	19.97
83)		Chrysene	1.235	1.184	1.225	1.151	1.256	1.217	1.161	1.204	3.27
84)		Bis(2-ethylhex...	0.525	0.574	0.702	0.740	0.851	0.741	0.714	0.693	15.84
85)	c	Di-n-octyl pht...	0.641	0.729	0.936	1.114	1.359	1.245	1.169	1.028	26.08

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.189	1.183	1.254	1.191	1.318	1.472	1.407	1.288	8.99
88)		Benzo(b)fluora...	1.104	1.082	1.205	1.170	1.269	1.178	1.132	1.163	5.46
89)		Benzo(k)fluora...	1.141	1.149	1.222	1.167	1.295	1.190	1.144	1.187	4.71
90)	C	Benzo(a)pyrene	0.994	1.007	1.111	1.081	1.197	1.153	1.111	1.093	6.73
91)		Dibenzo(a,h)an...	0.954	0.966	1.021	0.972	1.075	1.188	1.141	1.045	8.83
92)		Benzo(g,h,i)pe...	1.002	0.978	1.013	0.954	1.037	1.194	1.146	1.046	8.57

(#) = 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: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG No.: Q2125

Instrument ID: BNA_M Calibration Date/Time: 06/09/2025 10:47

Lab File ID: BM050236.D Init. Calib. Date(s): 06/05/2025 06/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:20 13:56

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.199	1.191		-0.7	
Phenol-d6	1.578	1.515		-4.0	
Nitrobenzene-d5	0.385	0.385		0.0	
Naphthalene	1.034	0.973		-5.9	
2-Methylnaphthalene	0.624	0.587		-5.9	
2-Fluorobiphenyl	1.477	1.424		-3.6	
2,4,6-Tribromophenol	0.227	0.228		0.4	
Terphenyl-d14	1.055	0.983		-6.8	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050239.D
Acq On : 09 Jun 2025 12:44
Operator : RC/JU
Sample : PB168340TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Quant Time: Jun 09 13:24:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

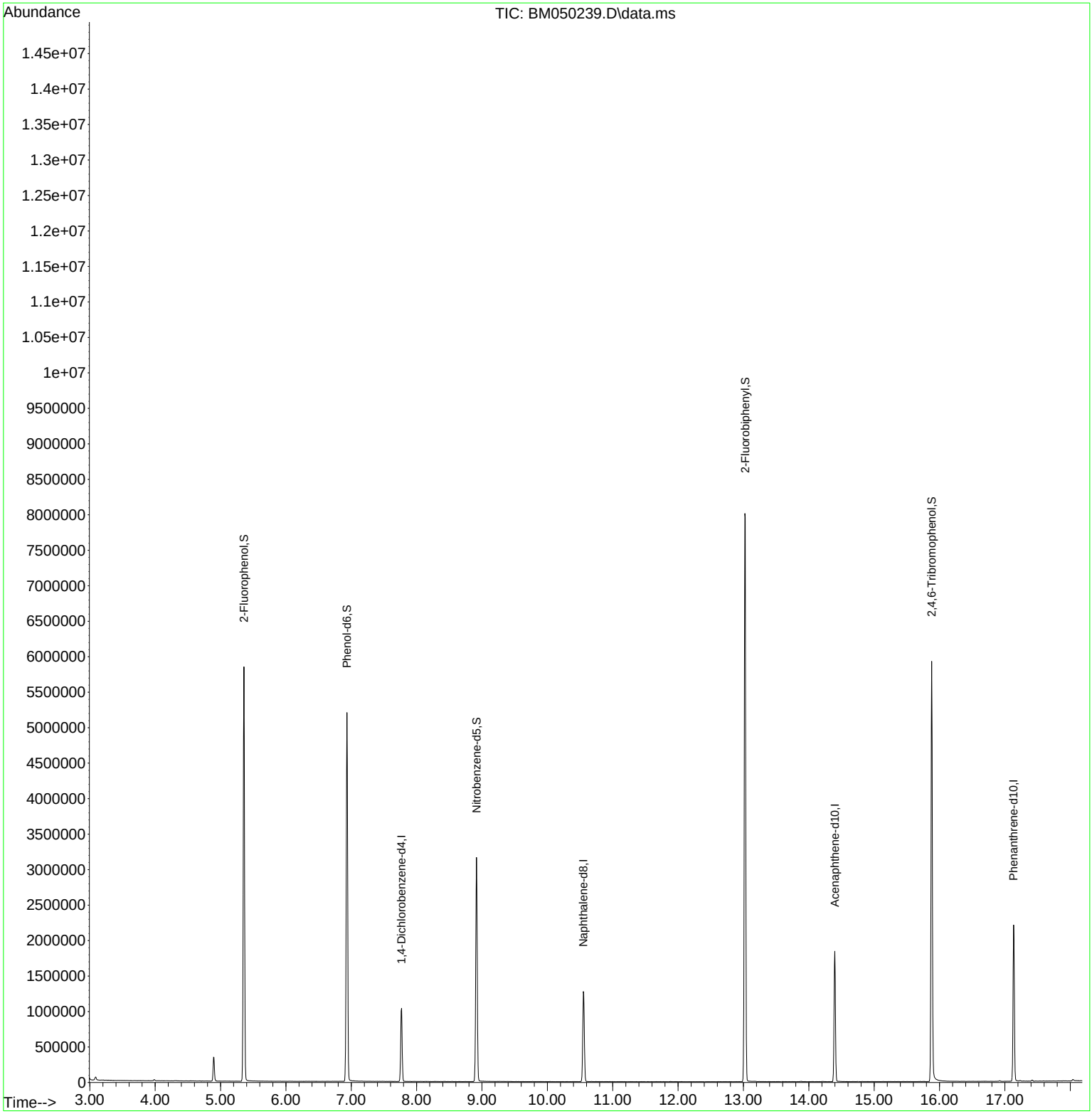
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	295930	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1103525	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	626432	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1242521	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1296945	20.000	ng	-0.01
86) Perylene-d12	24.344	264	1380174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2723065	153.498	ng	0.00
7) Phenol-d6	6.934	99	3368388	144.237	ng	0.00
23) Nitrobenzene-d5	8.916	82	1981708	93.396	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1130617	158.678	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4330944	93.601	ng	0.00
79) Terphenyl-d14	19.768	244	6179766	90.295	ng	0.00
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050239.D
Acq On : 09 Jun 2025 12:44
Operator : RC/JU
Sample : PB168340TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340TB

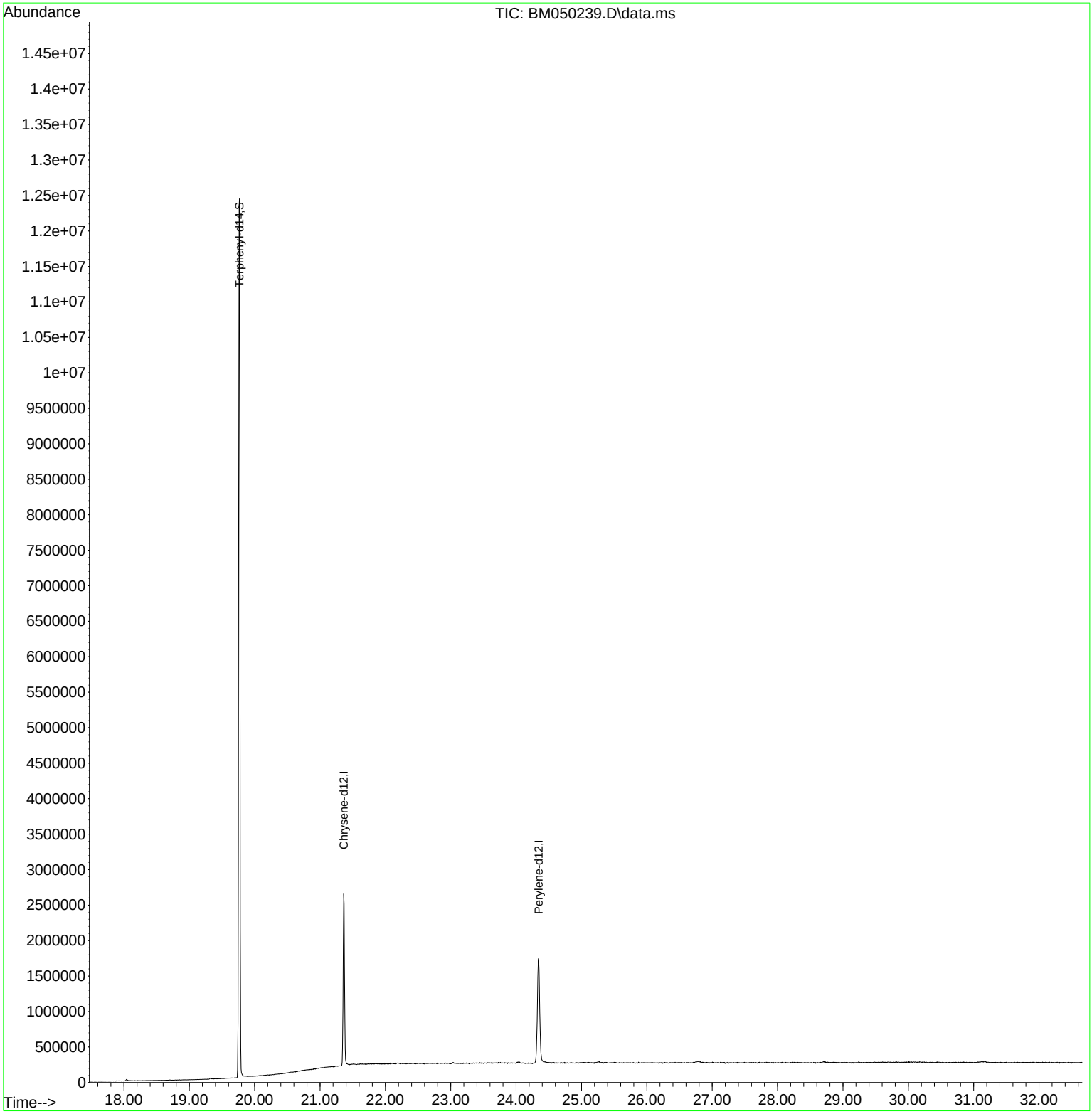
Quant Time: Jun 09 13:24:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

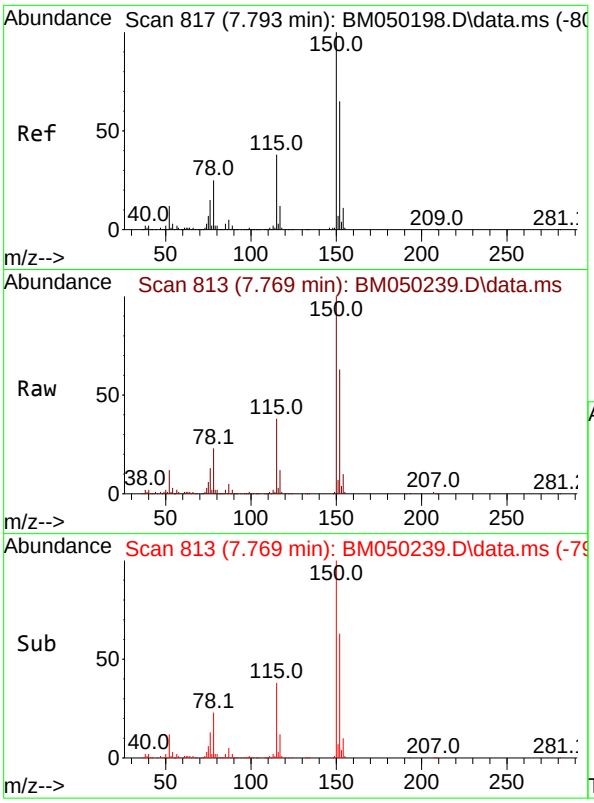


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050239.D
Acq On : 09 Jun 2025 12:44
Operator : RC/JU
Sample : PB168340TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Quant Time: Jun 09 13:24:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



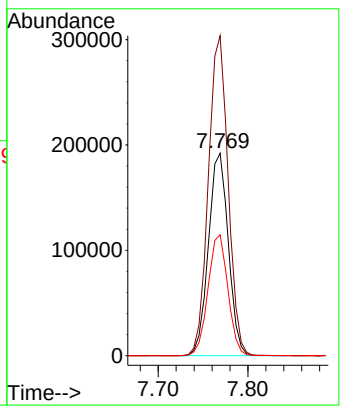


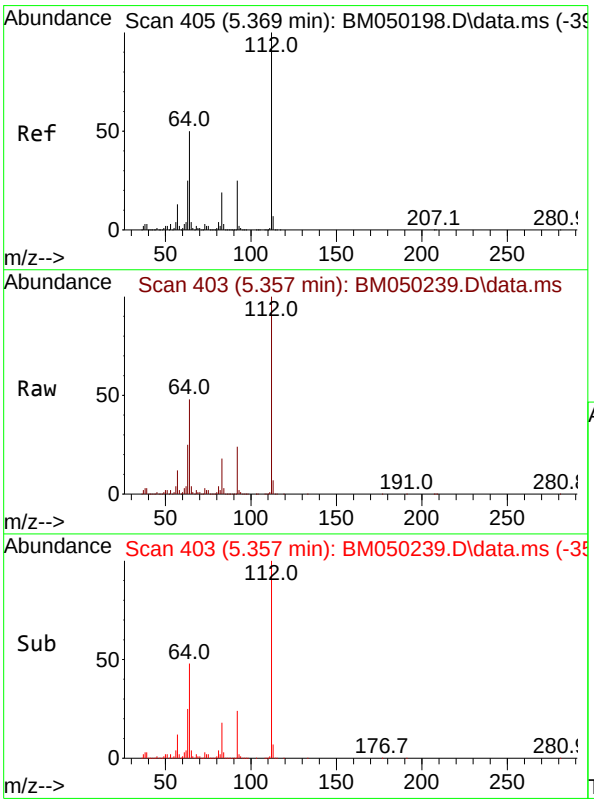
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Tgt Ion:152 Resp: 295930

Ion	Ratio	Lower	Upper
152	100		
150	158.0	122.2	183.4
115	59.8	46.3	69.5

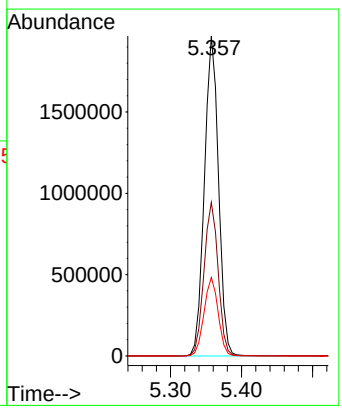


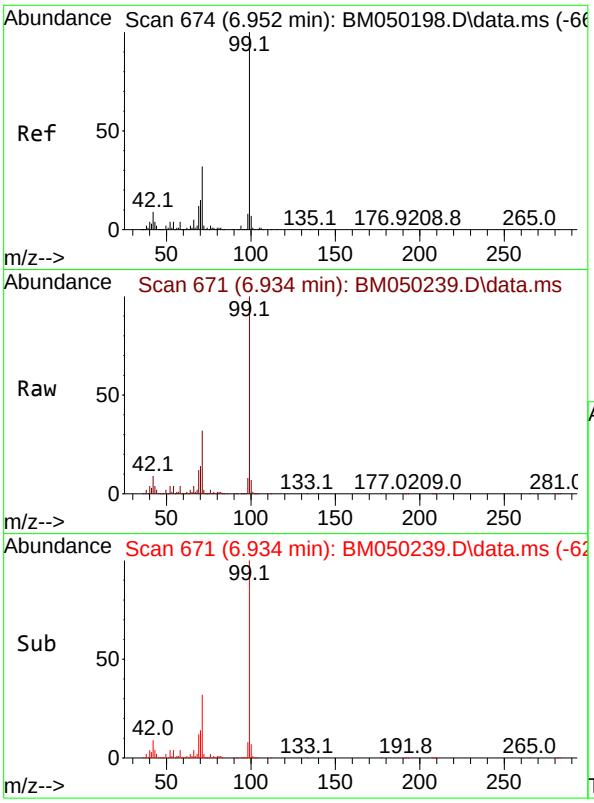


#5
2-Fluorophenol
Concen: 153.498 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:112 Resp: 2723065

Ion	Ratio	Lower	Upper
112	100		
64	48.0	39.8	59.6
63	24.5	19.8	29.8



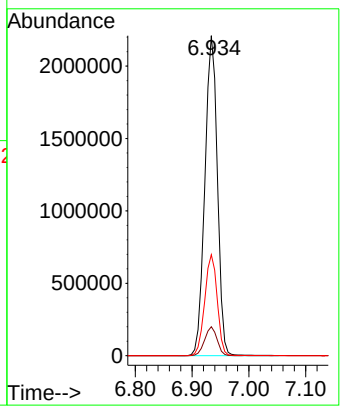


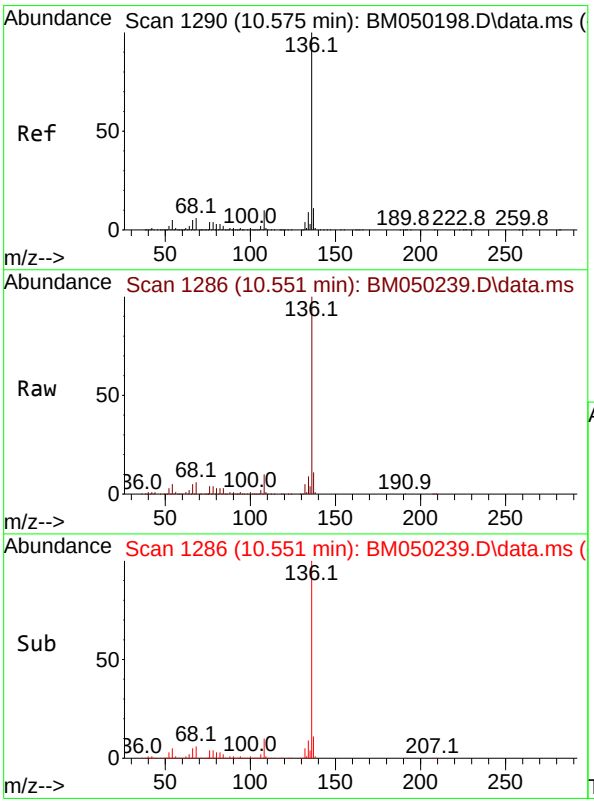
#7
Phenol-d6
Concen: 144.237 ng
RT: 6.934 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Tgt Ion: 99 Resp: 3368388

Ion	Ratio	Lower	Upper
99	100		
42	9.1	6.9	10.3
71	31.6	25.3	37.9

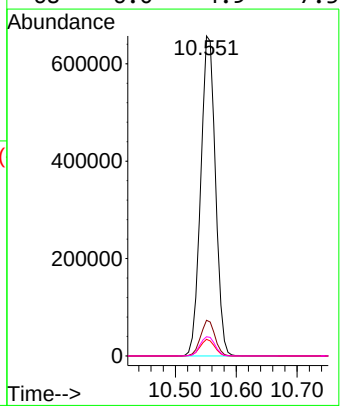


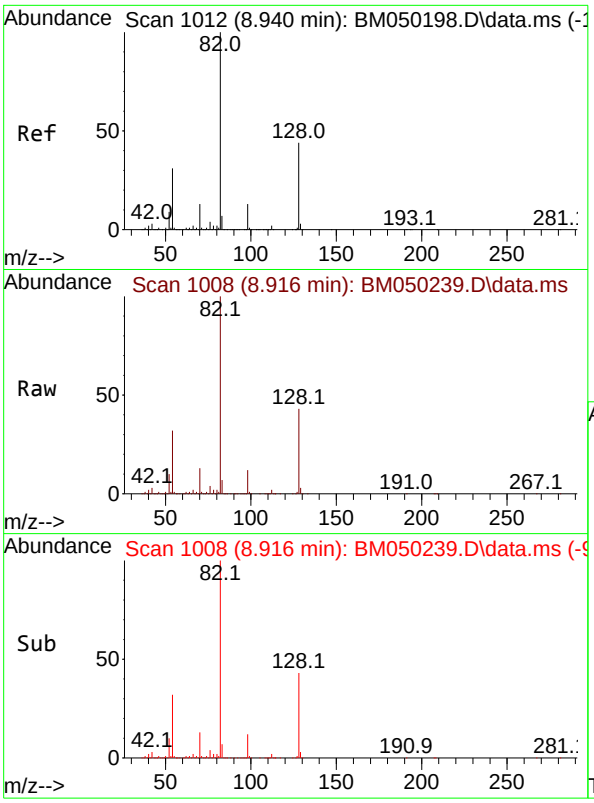


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:136 Resp: 1103525

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.2	3.8	5.8
68	6.0	4.9	7.3



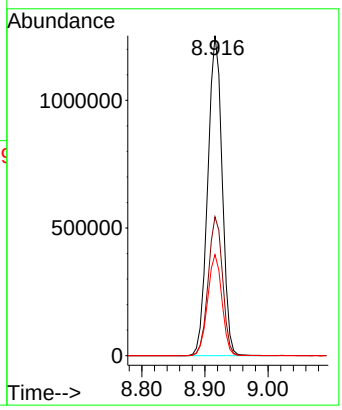


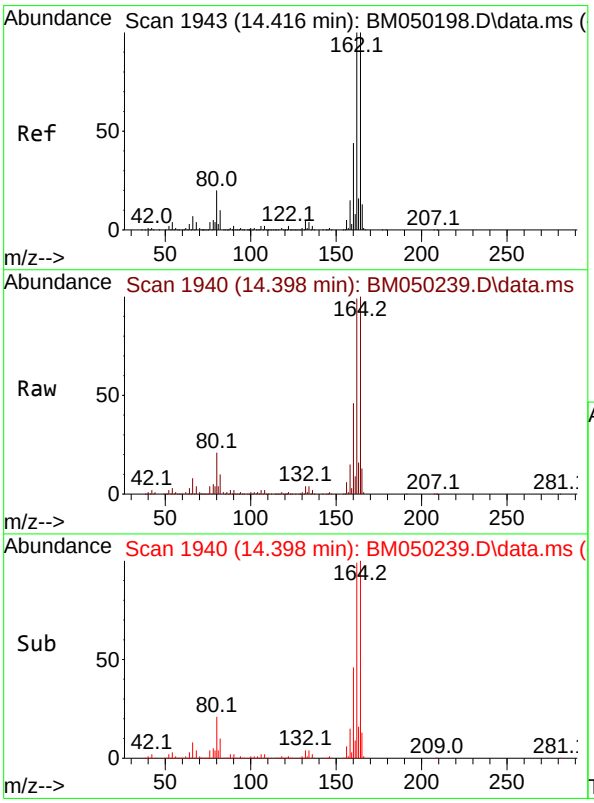
#23
Nitrobenzene-d5
Concen: 93.396 ng
RT: 8.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Tgt Ion: 82 Resp: 1981708

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.2	52.8
54	31.6	24.5	36.7

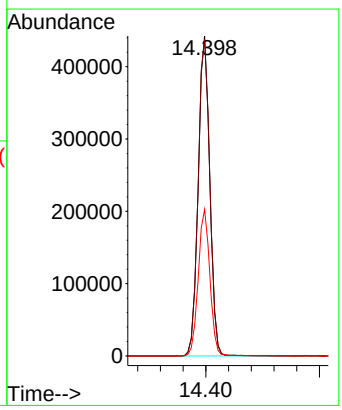


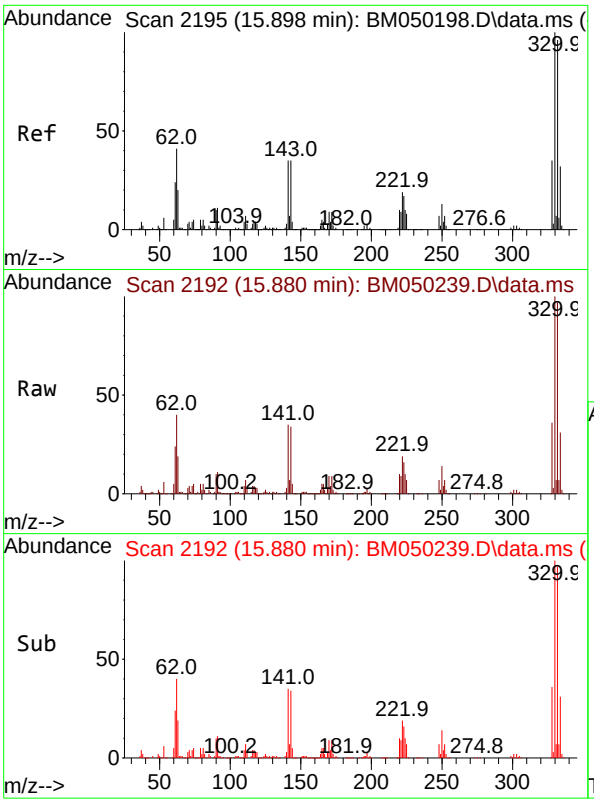


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:164 Resp: 626432

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.2	120.4
160	45.8	35.7	53.5



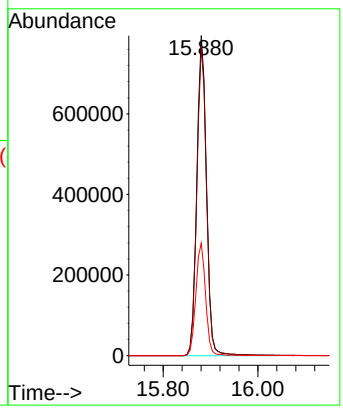


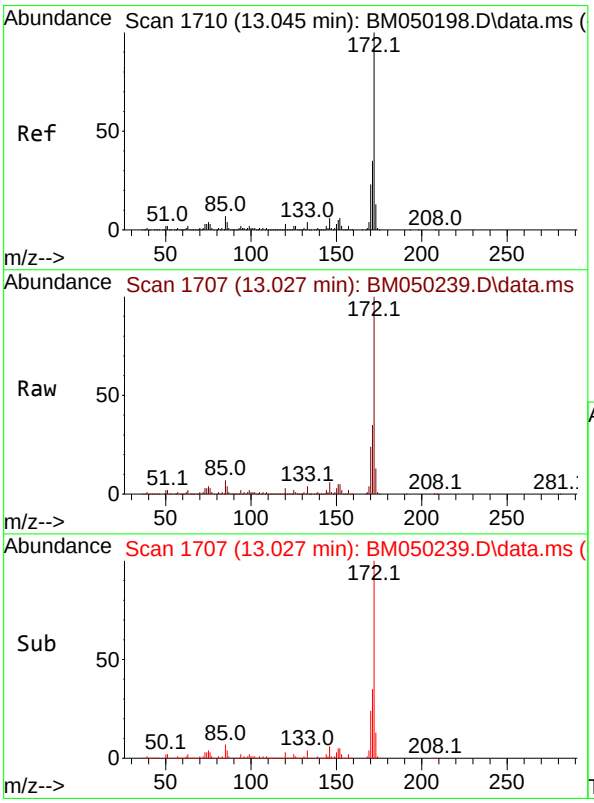
#42
2,4,6-Tribromophenol
Concen: 158.678 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Tgt Ion:330 Resp: 1130617

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.5	116.3
141	35.1	28.8	43.2

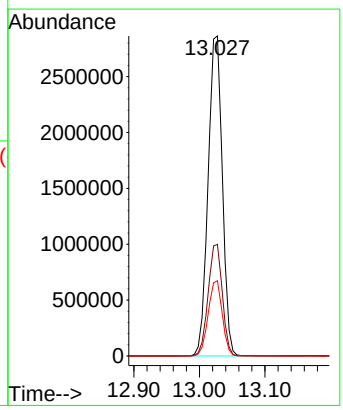


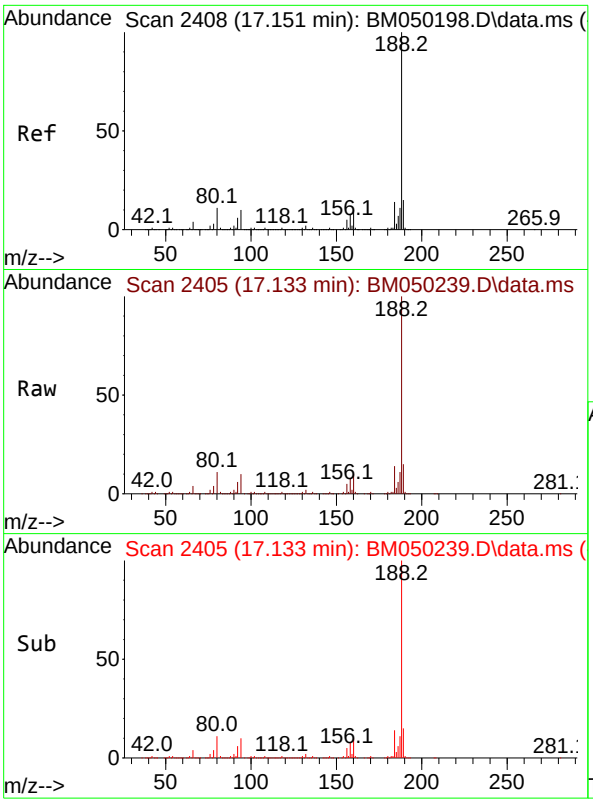


#45
2-Fluorobiphenyl
Concen: 93.601 ng
RT: 13.027 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:172 Resp: 4330944

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.5	18.6	27.8



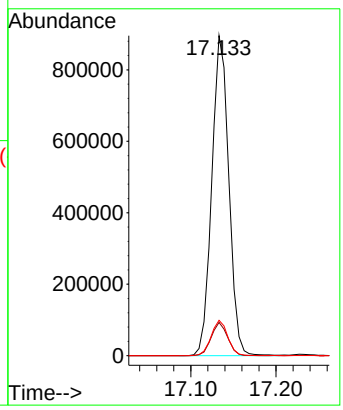


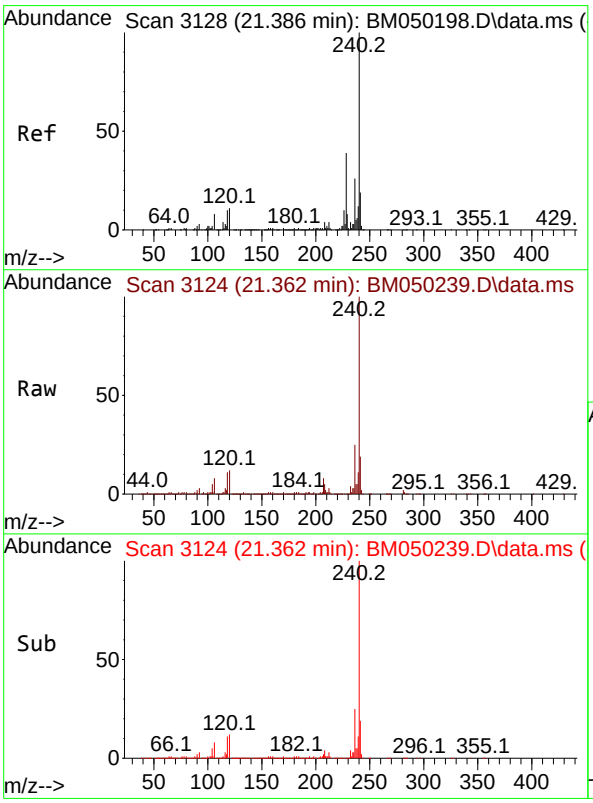
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Tgt Ion:188 Resp: 1242521

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.0	8.6	13.0

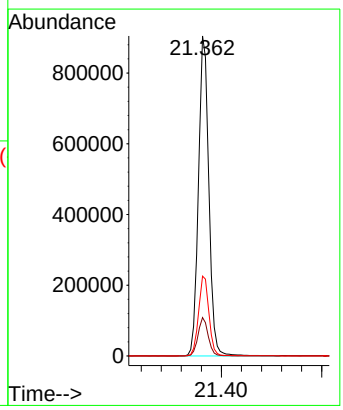


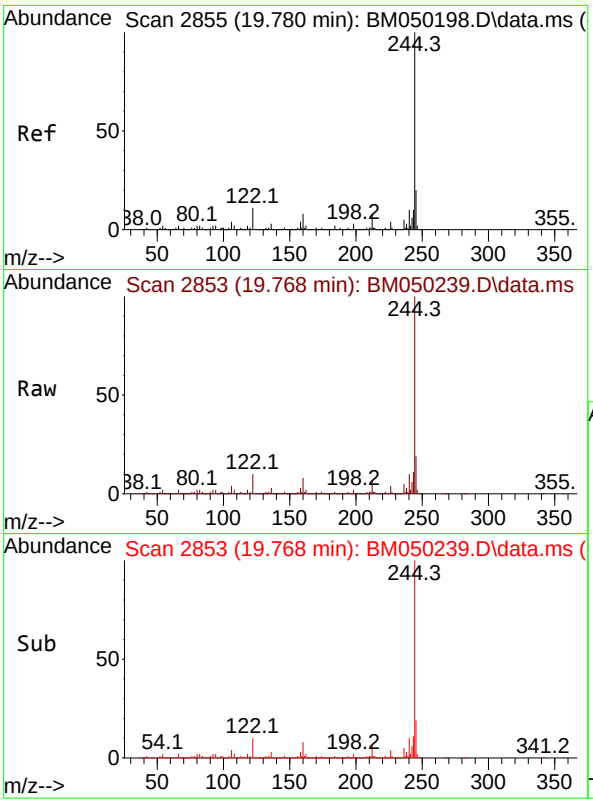


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:240 Resp: 1296945

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.0	13.4
236	25.0	20.7	31.1



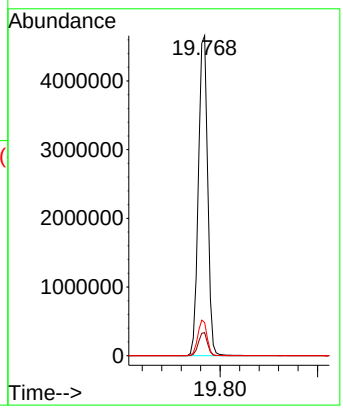


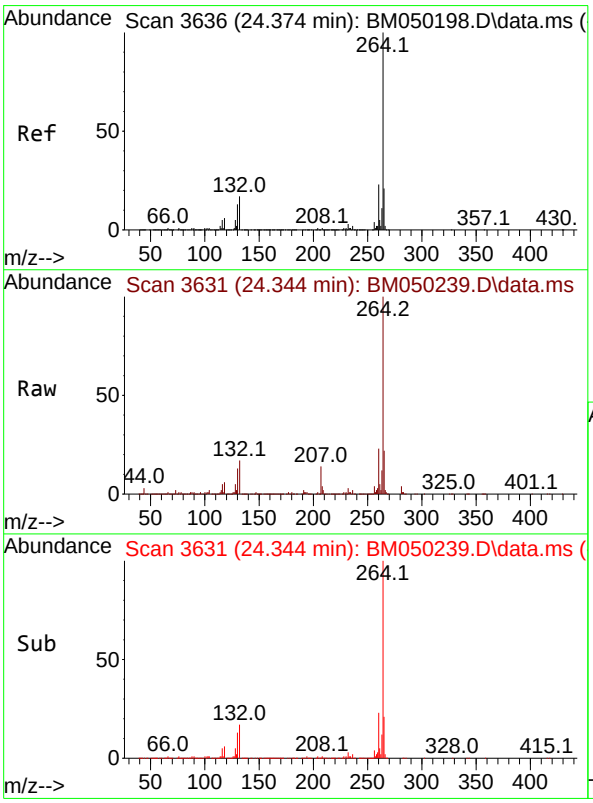
#79
Terphenyl-d14
Concen: 90.295 ng
RT: 19.768 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Tgt Ion:244 Resp: 6179766

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.4	8.6	12.8

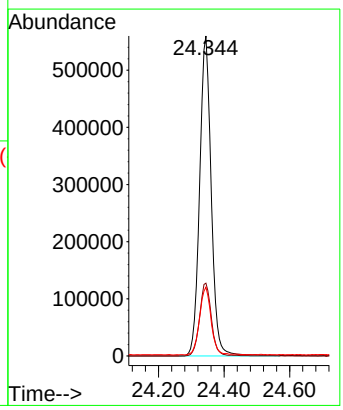




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.344 min Scan# 3631
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:264 Resp: 1380174

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	21.5	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050240.D
Acq On : 09 Jun 2025 13:29
Operator : RC/JU
Sample : Q2125-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GSB3

Quant Time: Jun 09 14:03:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

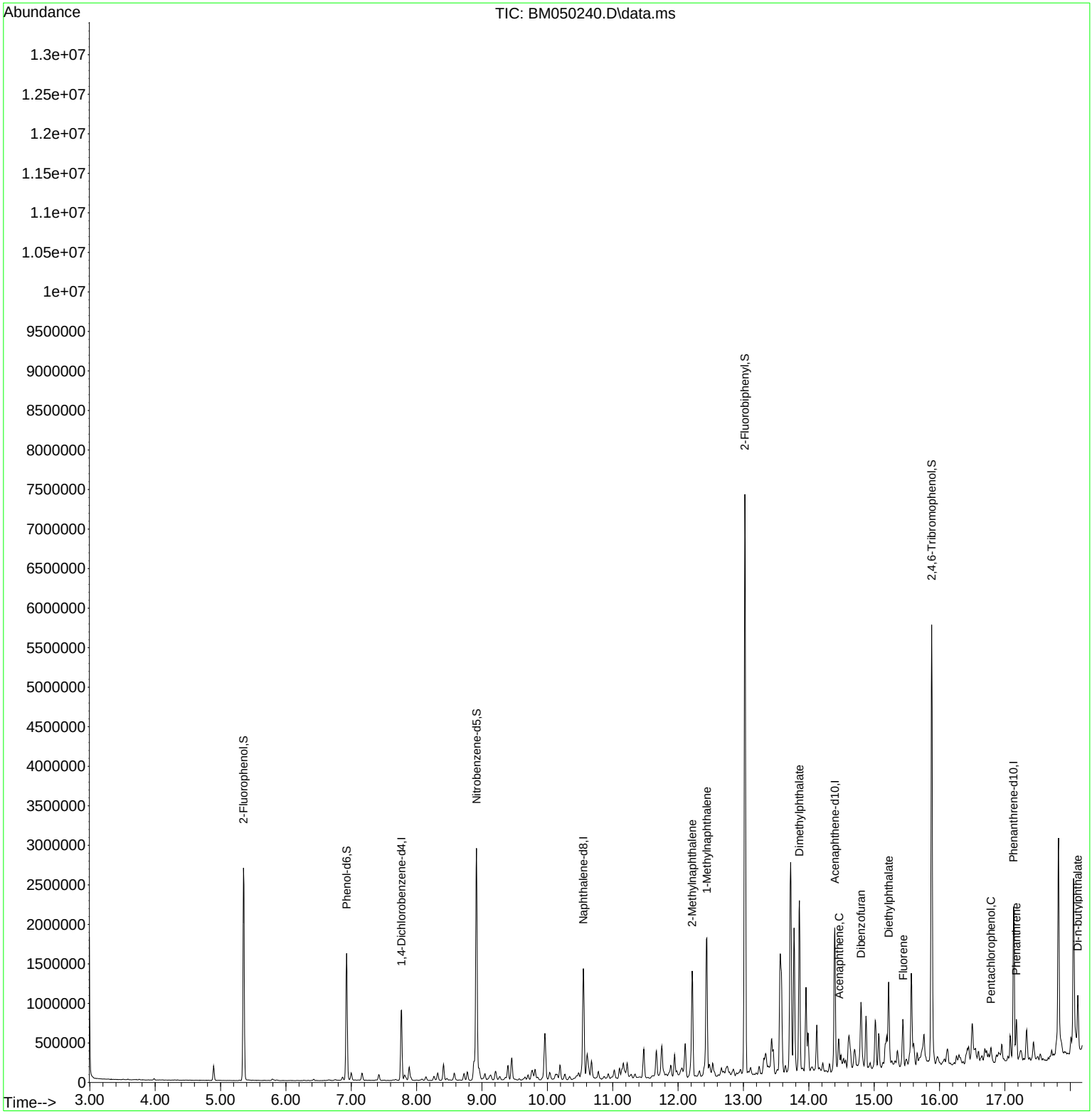
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	258819	20.000	ng		0.00
21) Naphthalene-d8	10.551	136	1009931	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	581596	20.000	ng		0.00
64) Phenanthrene-d10	17.133	188	1095565	20.000	ng		0.00
76) Chrysene-d12	21.362	240	1122304	20.000	ng		-0.01
86) Perylene-d12	24.338	264	1282474	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1263506	81.436	ng		0.00
7) Phenol-d6	6.928	99	987737	48.360	ng		0.00
23) Nitrobenzene-d5	8.916	82	1883291	96.983	ng		0.00
42) 2,4,6-Tribromophenol	15.880	330	1022118	154.510	ng		0.00
45) 2-Fluorobiphenyl	13.022	172	3795297	88.348	ng		0.00
79) Terphenyl-d14	19.762	244	5334082	90.067	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	12.216	142	628927	19.966	ng		99
38) 1-Methylnaphthalene	12.439	142	813617	24.335	ng		100
50) Dimethylphthalate	13.857	163	1440398	36.620	ng		100
52) Acenaphthene	14.463	154	101935	2.976	ng		96
55) Dibenzofuran	14.798	168	110355	2.202	ng	#	64
58) Fluorene	15.445	166	176099	4.588	ng	#	94
60) Diethylphthalate	15.221	149	548102	14.044	ng		99
70) Pentachlorophenol	16.786	266	20129	2.268	ng		93
71) Phenanthrene	17.174	178	297659	4.756	ng		98
74) Di-n-butylphthalate	18.115	149	638718	10.291	ng		99
78) Pyrene	19.550	202	167785	2.218	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050240.D
Acq On : 09 Jun 2025 13:29
Operator : RC/JU
Sample : Q2125-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GSB3

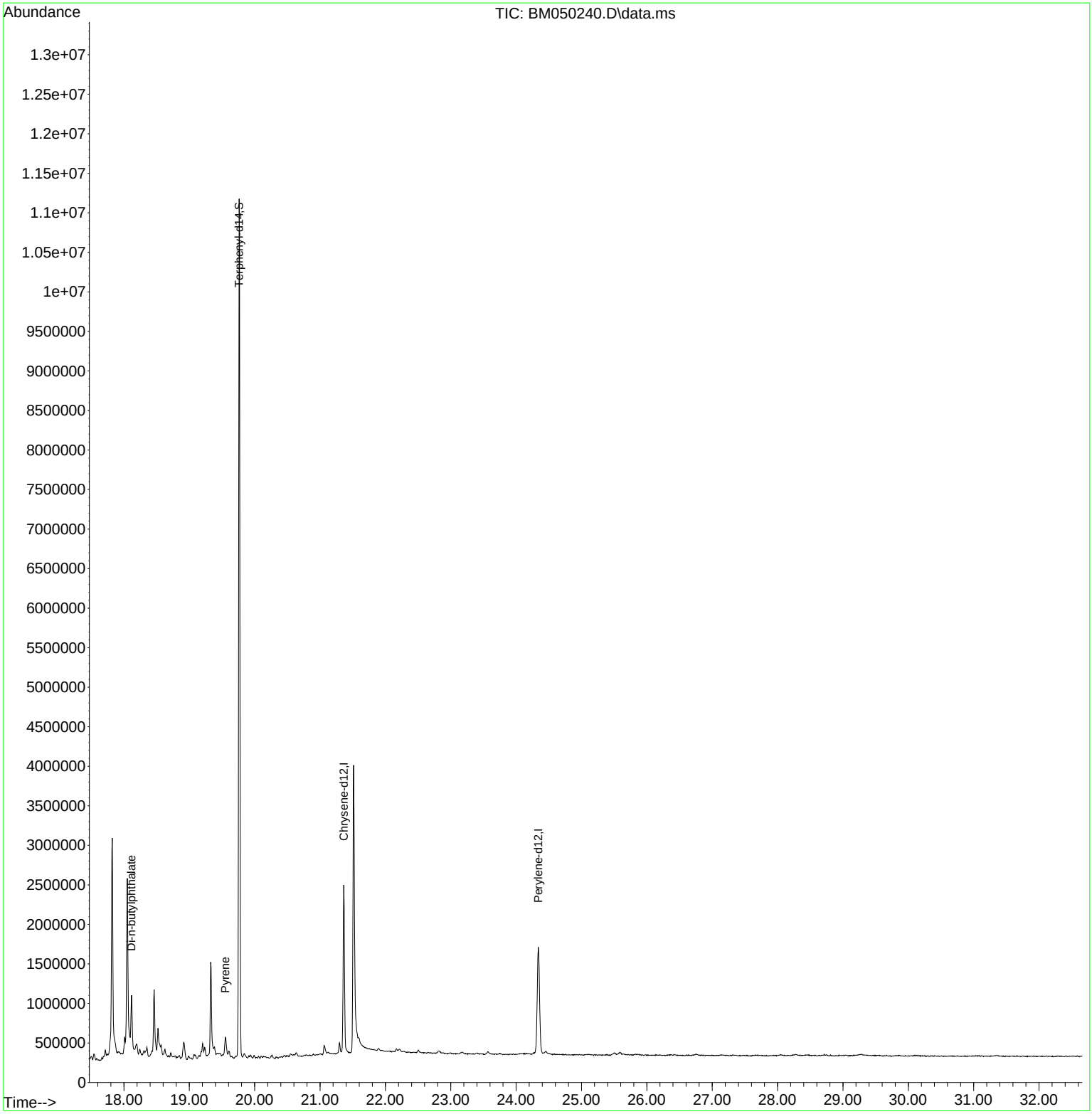
Quant Time: Jun 09 14:03:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

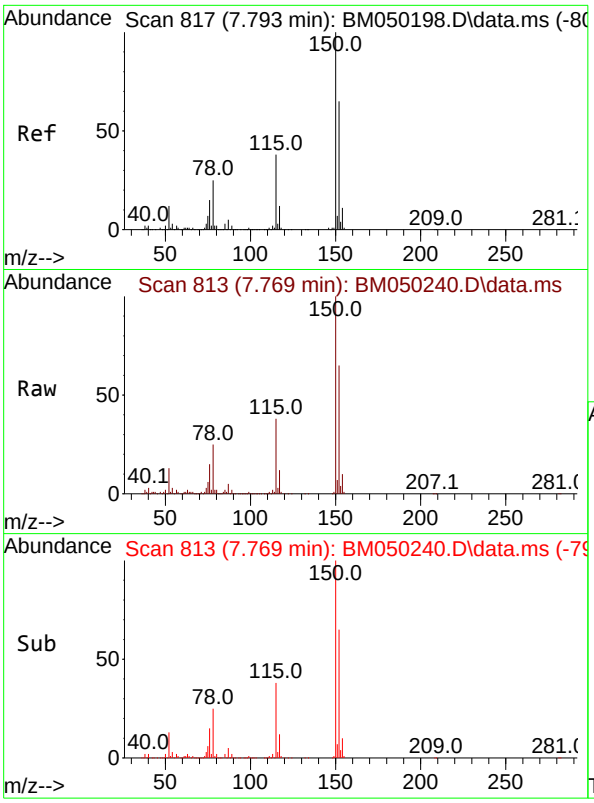


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050240.D
Acq On : 09 Jun 2025 13:29
Operator : RC/JU
Sample : Q2125-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GSB3

Quant Time: Jun 09 14:03:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



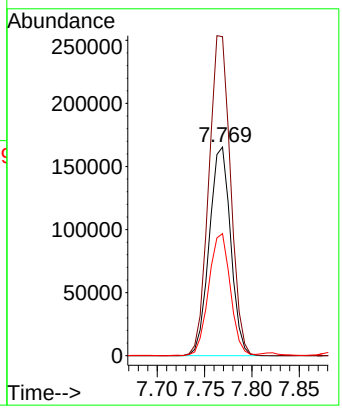


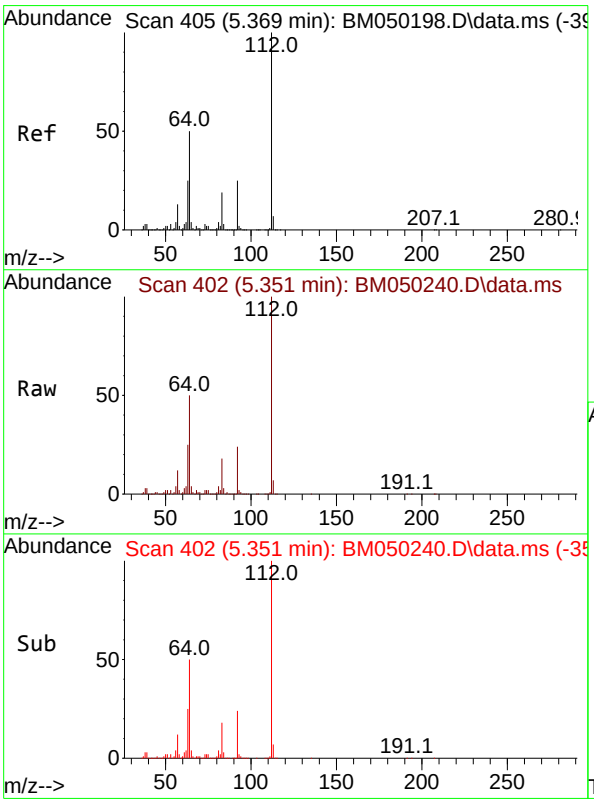
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:152 Resp: 258819

Ion	Ratio	Lower	Upper
152	100		
150	152.9	122.2	183.4
115	58.5	46.3	69.5

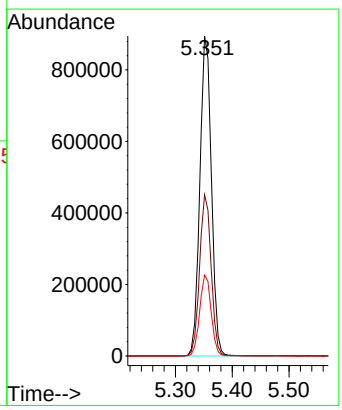


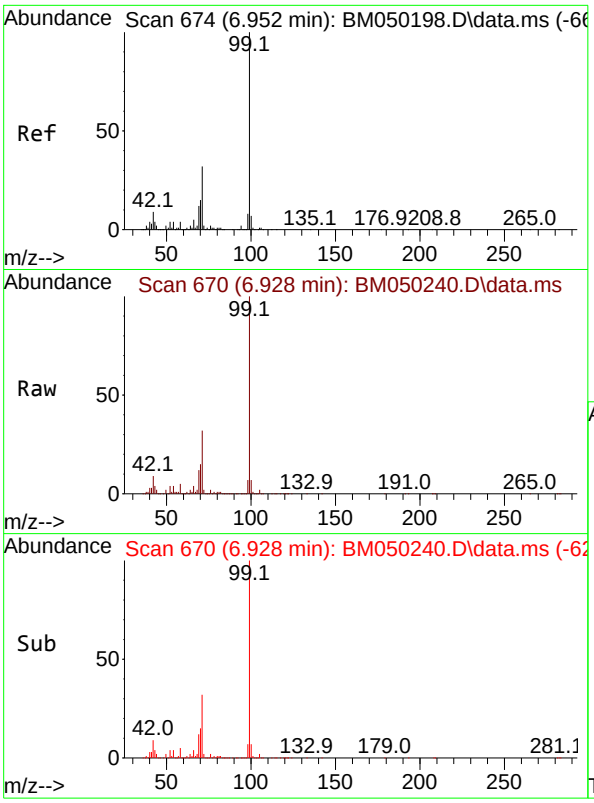


#5
2-Fluorophenol
Concen: 81.436 ng
RT: 5.351 min Scan# 402
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:112 Resp: 1263506

Ion	Ratio	Lower	Upper
112	100		
64	50.4	39.8	59.6
63	25.3	19.8	29.8



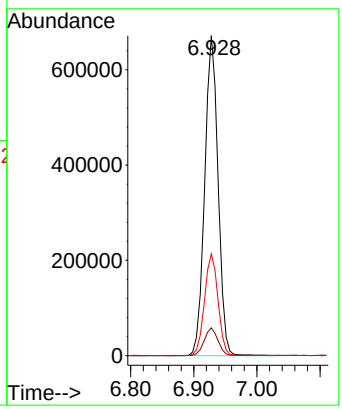


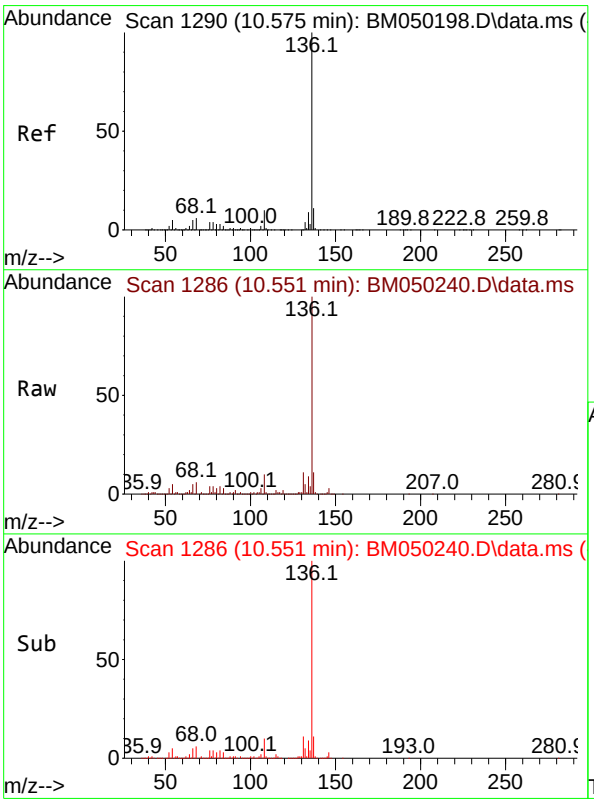
#7
Phenol-d6
Concen: 48.360 ng
RT: 6.928 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion: 99 Resp: 987737

Ion	Ratio	Lower	Upper
99	100		
42	8.7	6.9	10.3
71	31.8	25.3	37.9

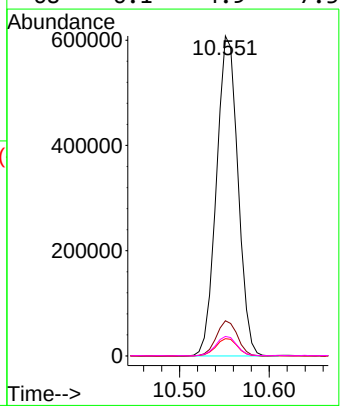




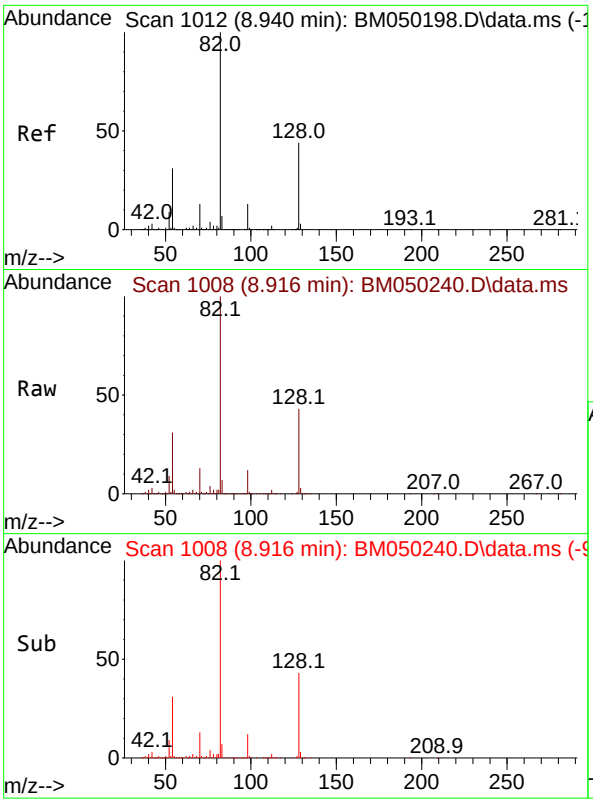
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:136 Resp: 1009931

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.4	3.8	5.8
68	6.1	4.9	7.3



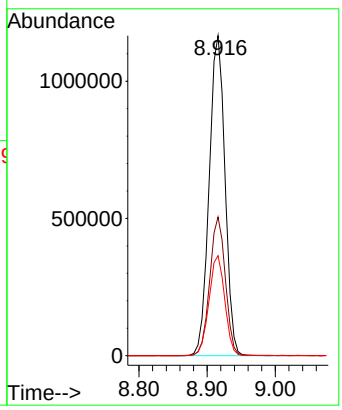
Instrument :
BNA_M
ClientSampleId :
GSB3

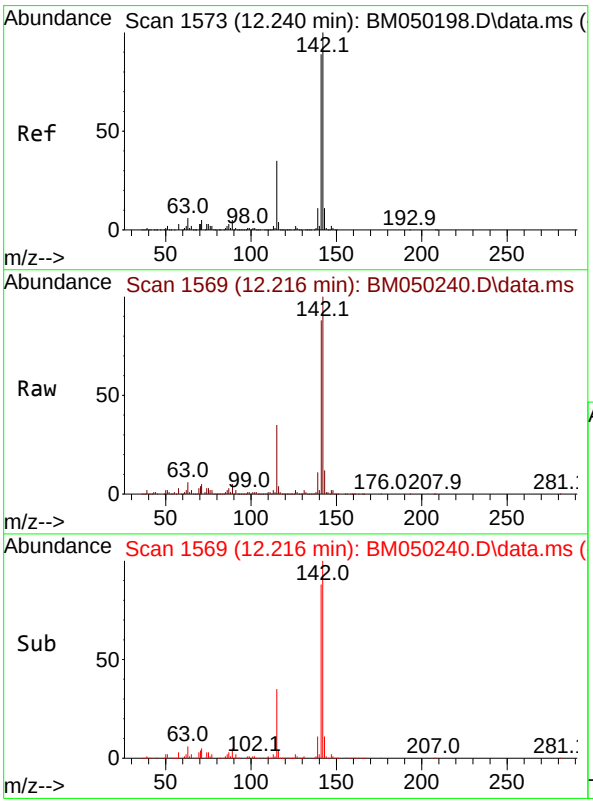


#23
Nitrobenzene-d5
Concen: 96.983 ng
RT: 8.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion: 82 Resp: 1883291

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.2	52.8
54	31.2	24.5	36.7

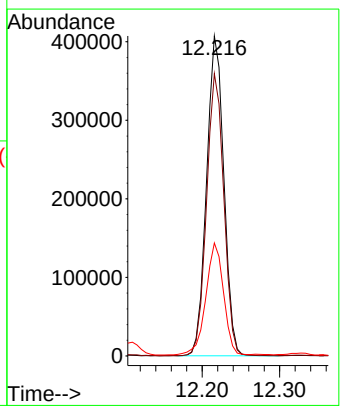


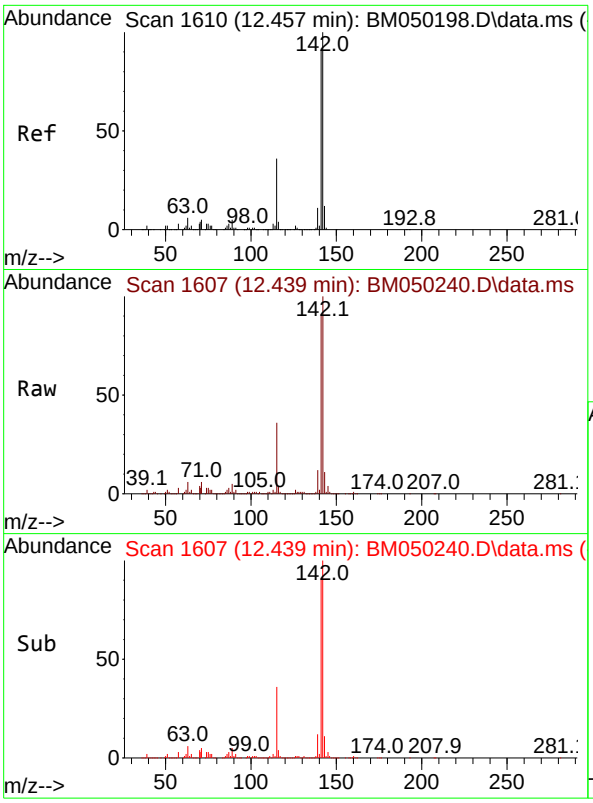


#37
2-Methylnaphthalene
Concen: 19.966 ng
RT: 12.216 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:142 Resp: 628927

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.5	107.3
115	35.3	27.8	41.8



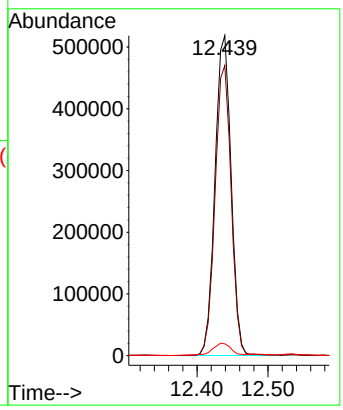


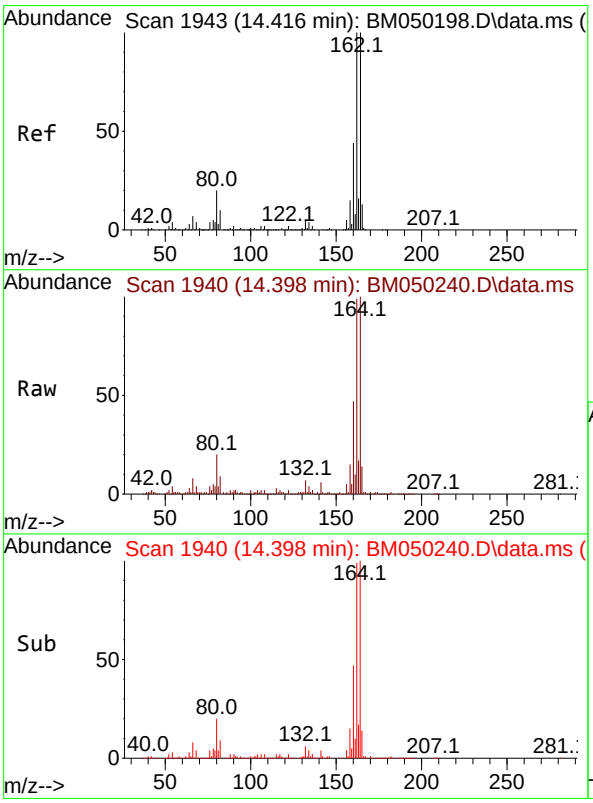
#38
1-Methylnaphthalene
Concen: 24.335 ng
RT: 12.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:142 Resp: 813617

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.9	109.3
116	3.7	3.0	4.6

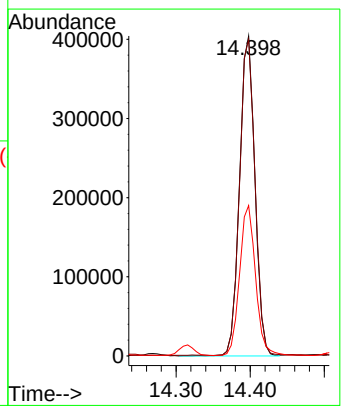


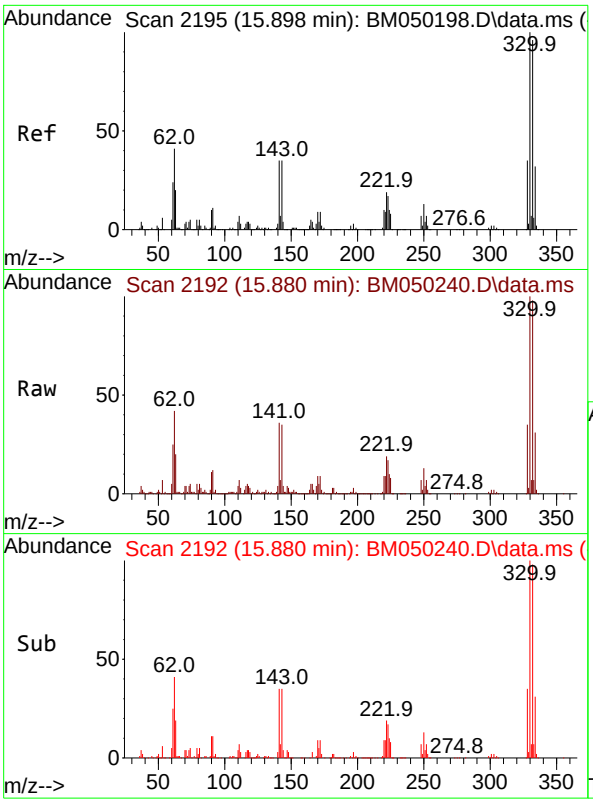


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:164 Resp: 581596

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.2	120.4
160	47.0	35.7	53.5



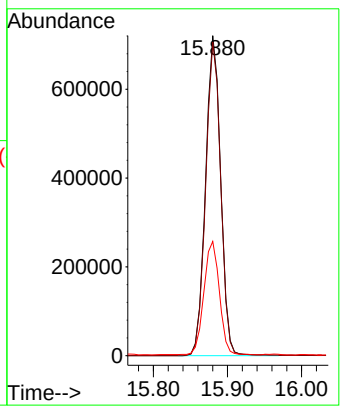


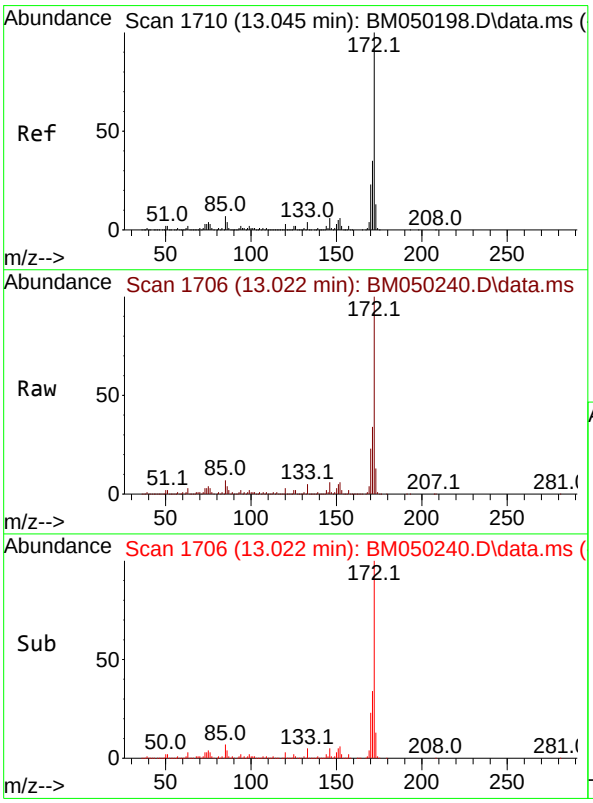
#42
2,4,6-Tribromophenol
Concen: 154.510 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:330 Resp: 1022118

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.5	116.3
141	36.3	28.8	43.2

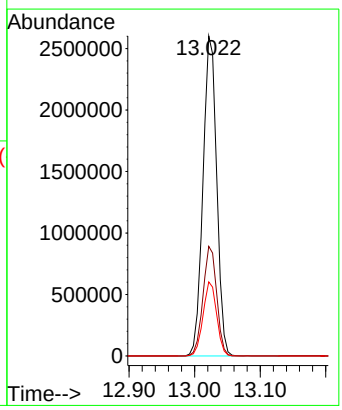


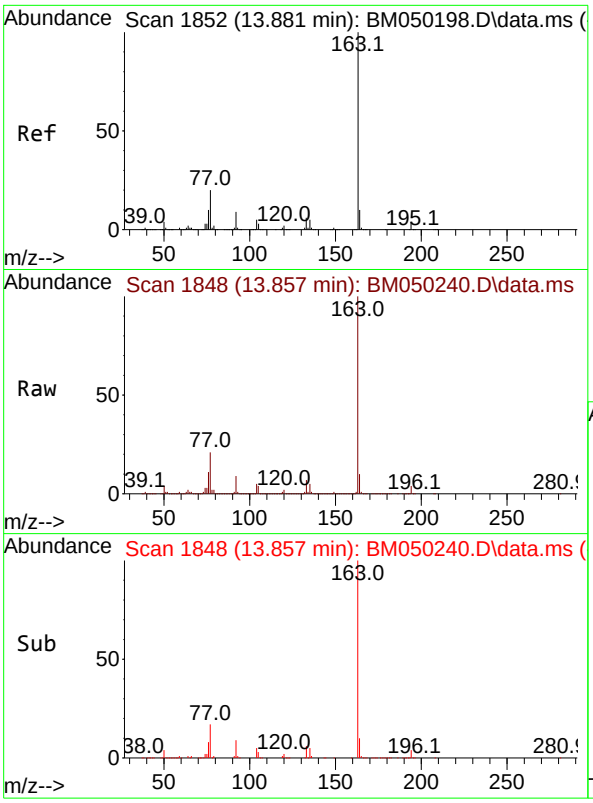


#45
2-Fluorobiphenyl
Concen: 88.348 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:172 Resp: 3795297

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.6
170	23.1	18.6	27.8



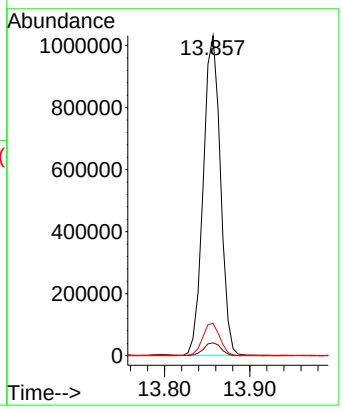


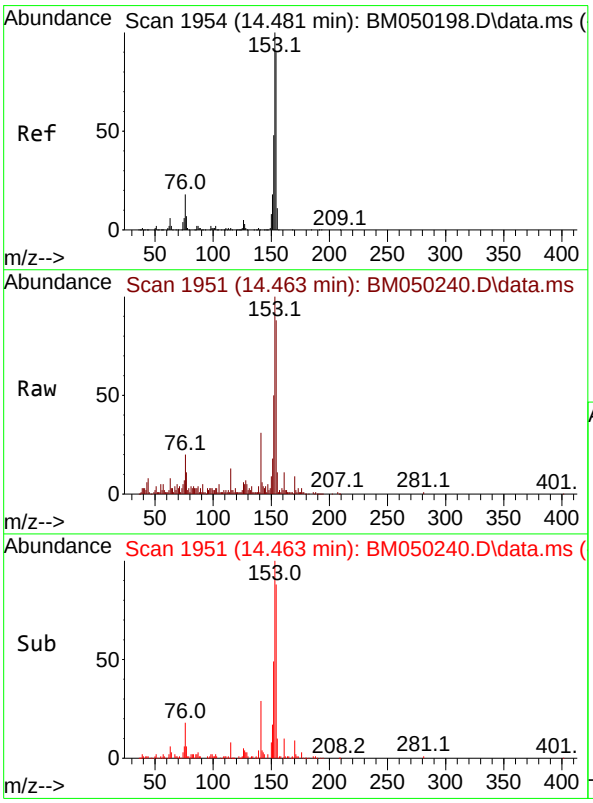
#50
Dimethylphthalate
Concen: 36.620 ng
RT: 13.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:163 Resp: 1440398

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.1	7.9	11.9

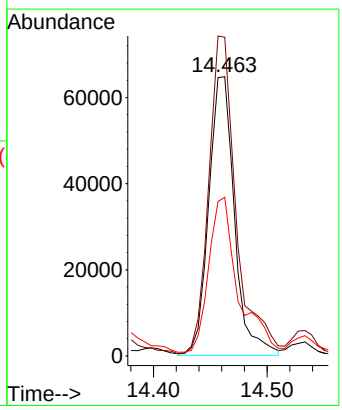


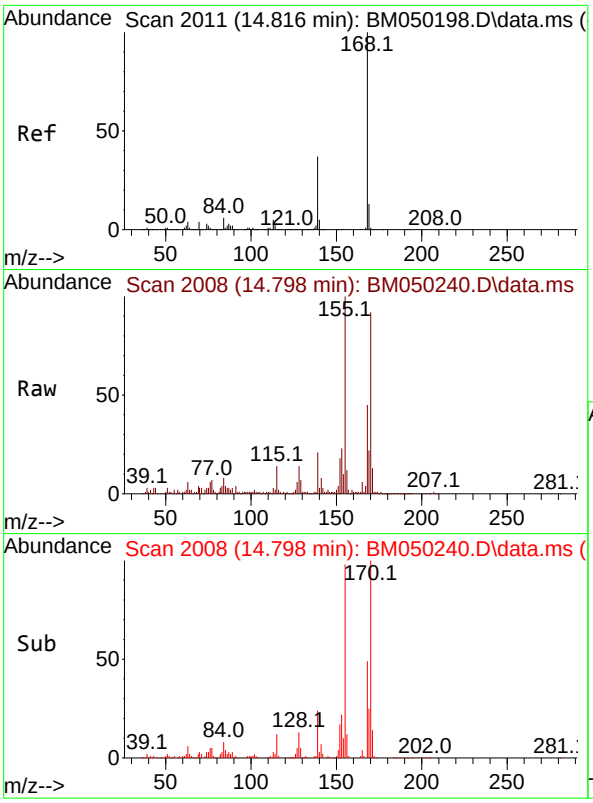


#52
Acenaphthene
Concen: 2.976 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:154 Resp: 101935

Ion	Ratio	Lower	Upper
154	100		
153	114.2	88.7	133.1
152	56.9	42.6	63.8



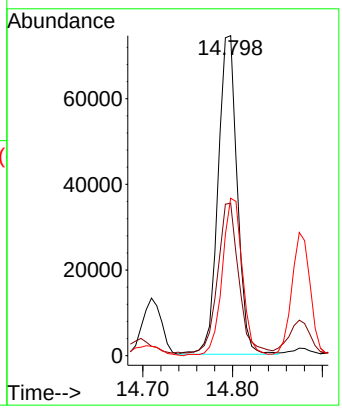


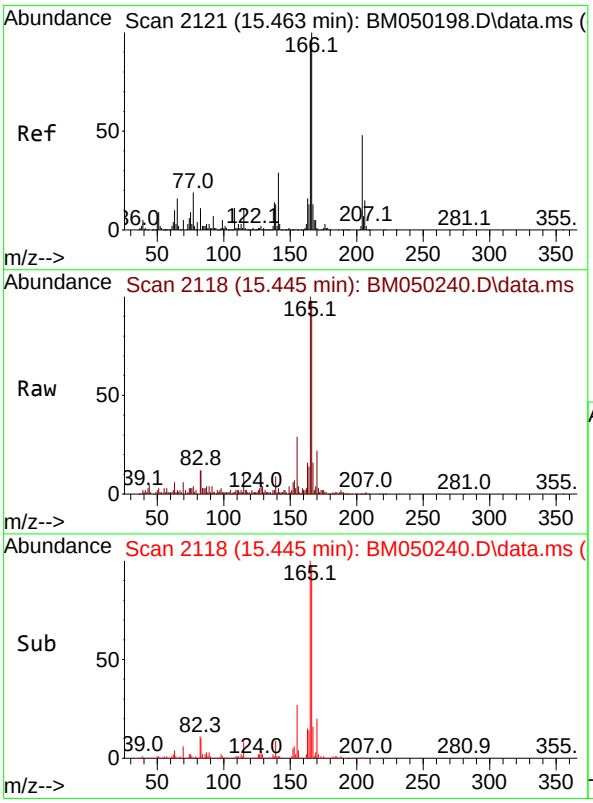
#55
Dibenzofuran
Concen: 2.202 ng
RT: 14.798 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:168 Resp: 110355

Ion	Ratio	Lower	Upper
168	100		
139	47.6	29.9	44.9#
169	49.2	10.6	16.0#

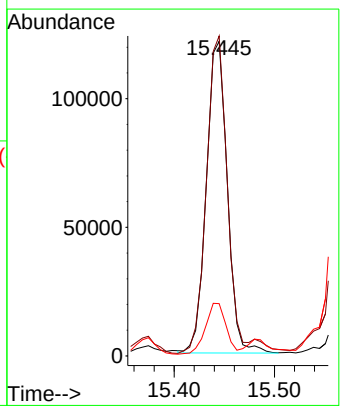


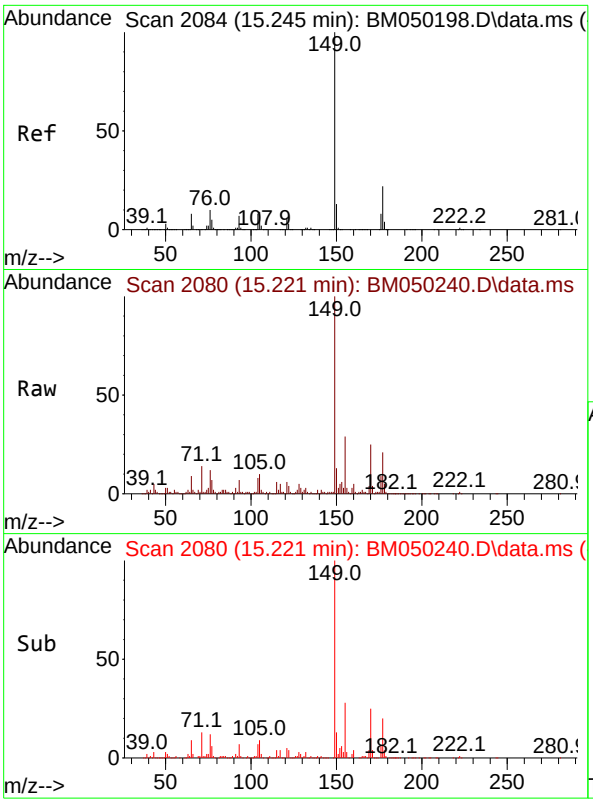


#58
Fluorene
Concen: 4.588 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:166 Resp: 176099

Ion	Ratio	Lower	Upper
166	100		
165	101.7	77.0	115.4
167	16.6	10.7	16.1#



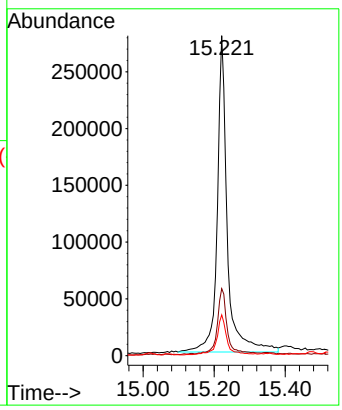


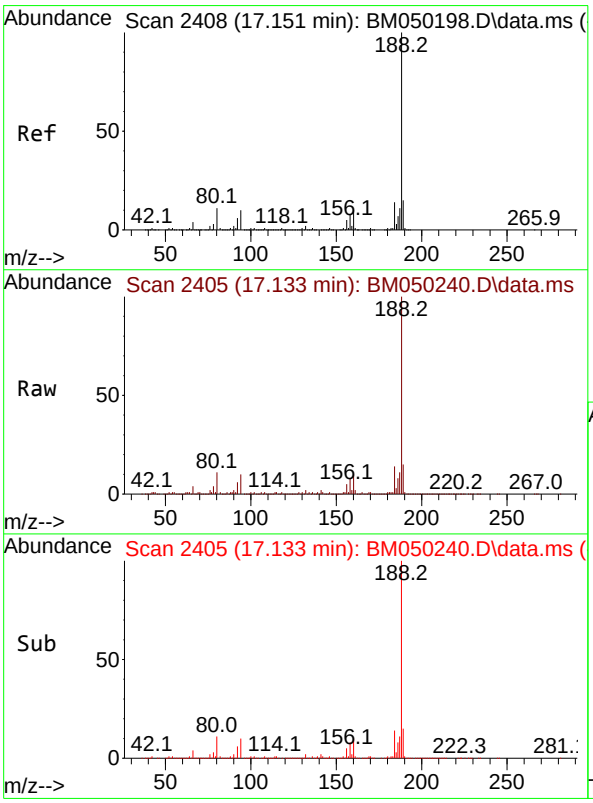
#60
Diethylphthalate
Concen: 14.044 ng
RT: 15.221 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:149 Resp: 548102

Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.2	25.8
150	12.7	10.0	15.0

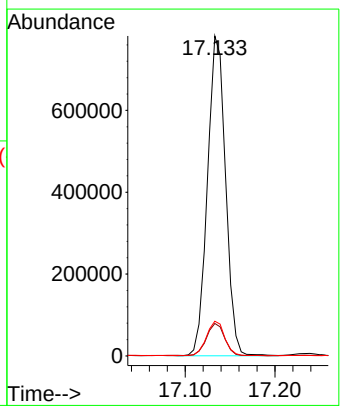


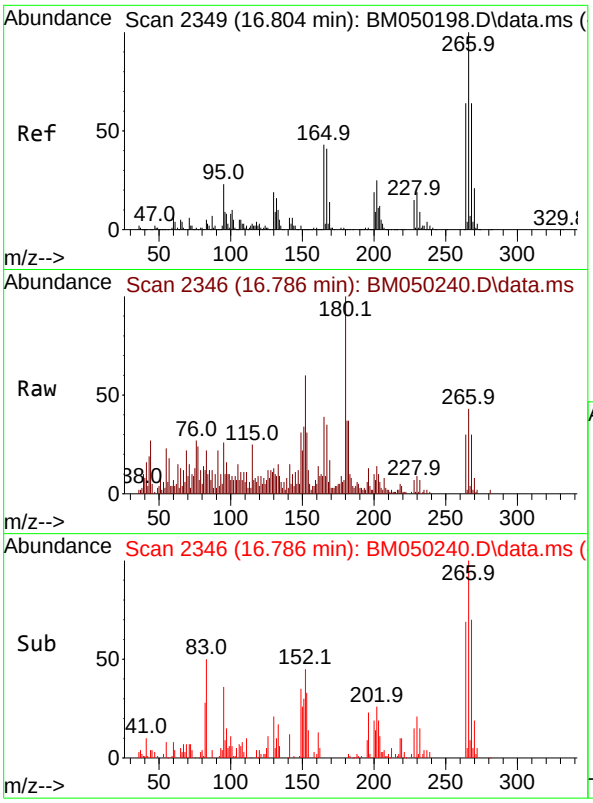


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:188 Resp: 1095565

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	10.8	8.6	13.0



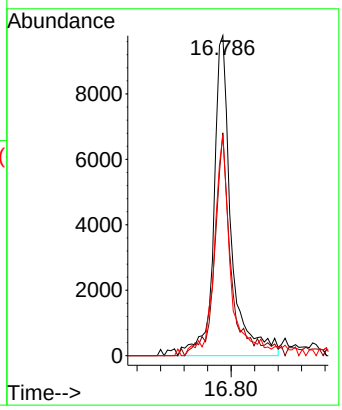


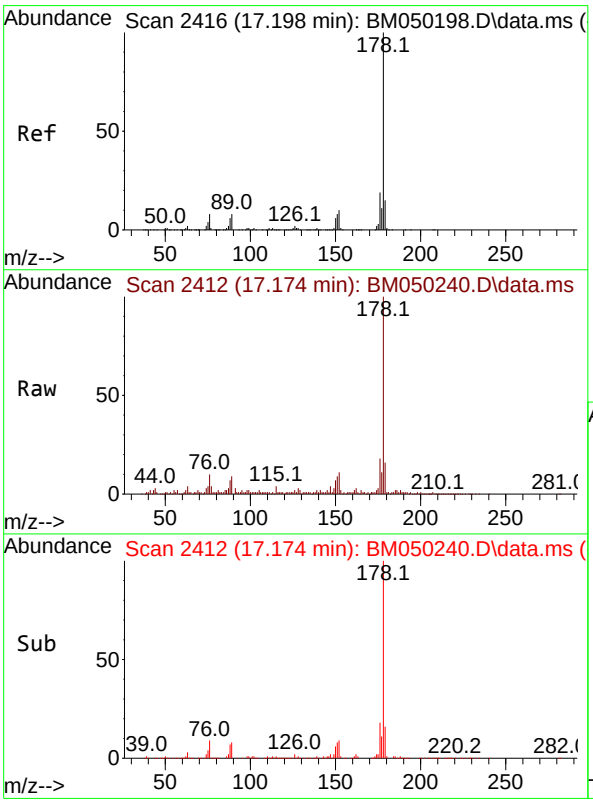
#70
Pentachlorophenol
Concen: 2.268 ng
RT: 16.786 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:266 Resp: 20129

Ion	Ratio	Lower	Upper
266	100		
268	69.6	51.0	76.6
264	68.9	50.8	76.2

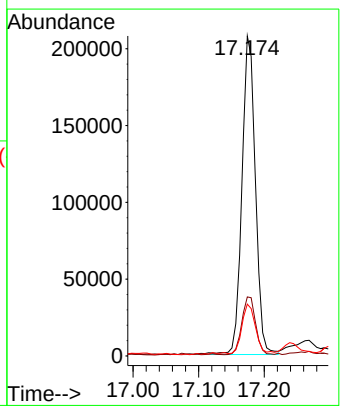


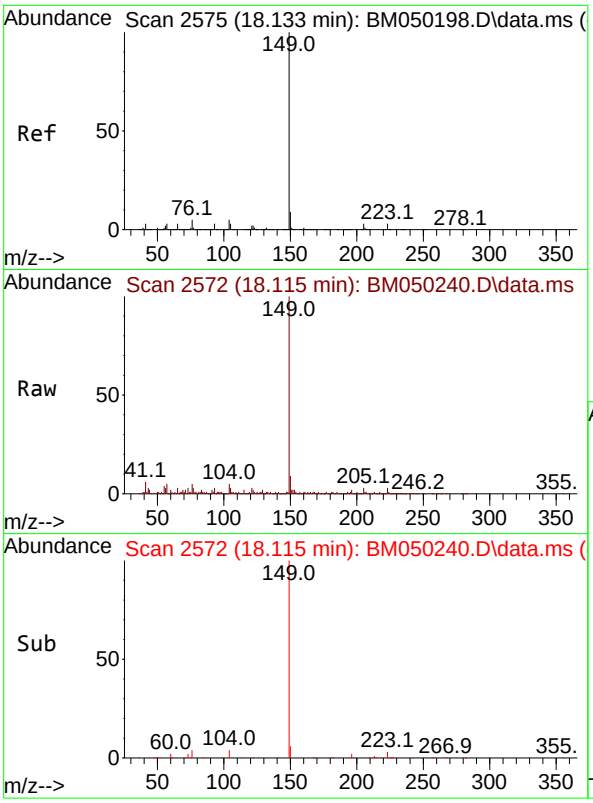


#71
Phenanthrene
Concen: 4.756 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:178 Resp: 297659

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	16.2	12.3	18.5



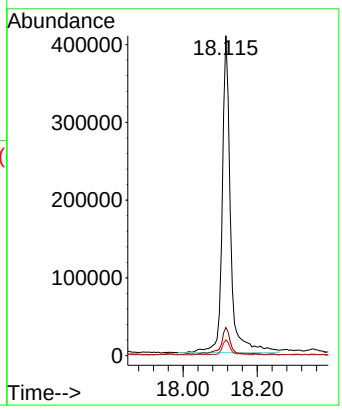


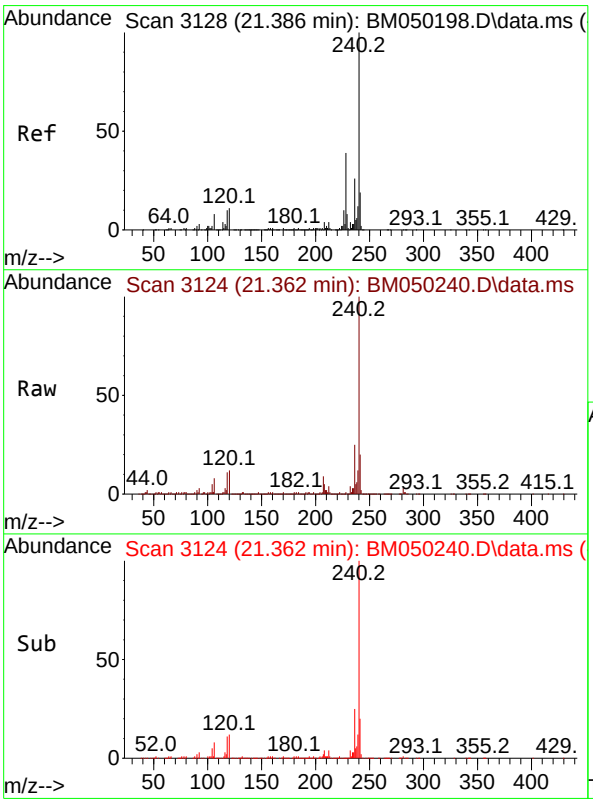
#74
Di-n-butylphthalate
Concen: 10.291 ng
RT: 18.115 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:149 Resp: 638718

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.0
104	5.0	4.0	6.0

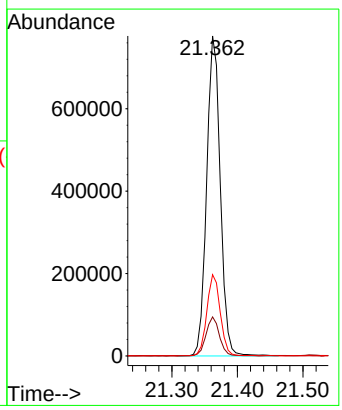


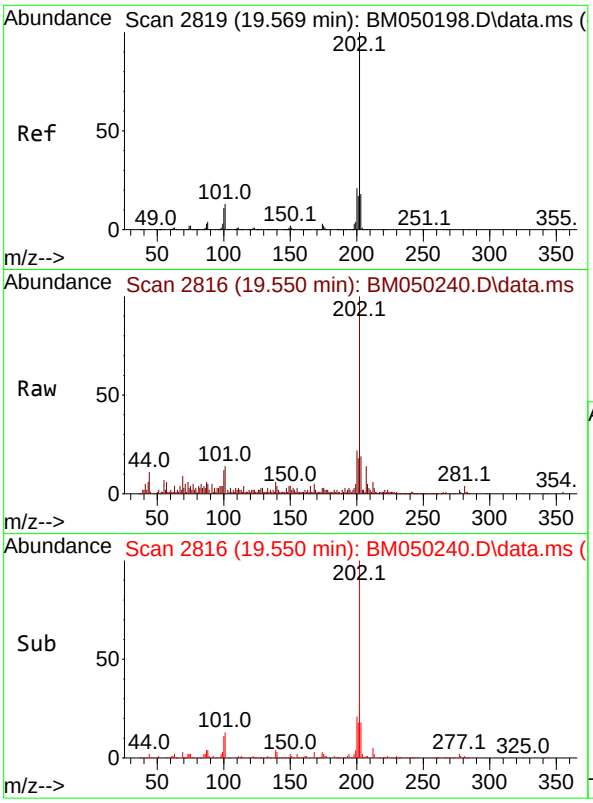


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:240 Resp: 1122304

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.0	13.4
236	25.4	20.7	31.1



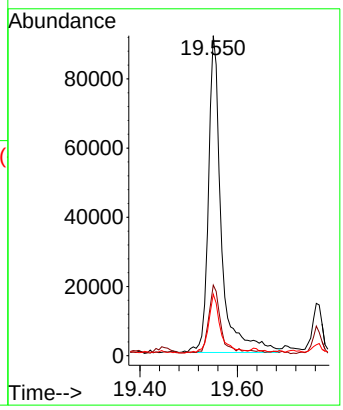


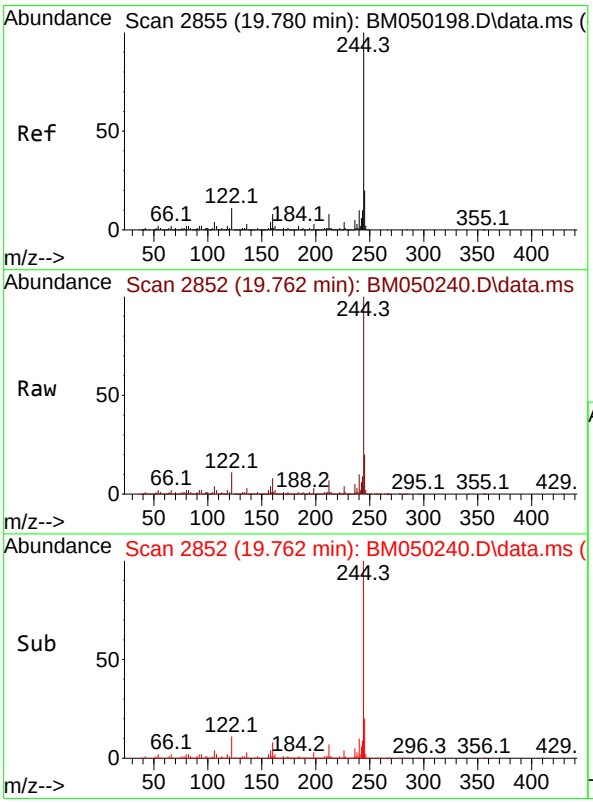
#78
Pyrene
Concen: 2.218 ng
RT: 19.550 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:202 Resp: 167785

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.7	25.1
203	19.2	14.1	21.1

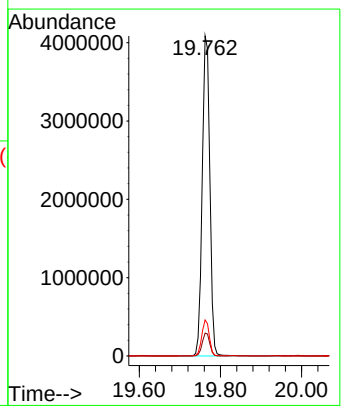


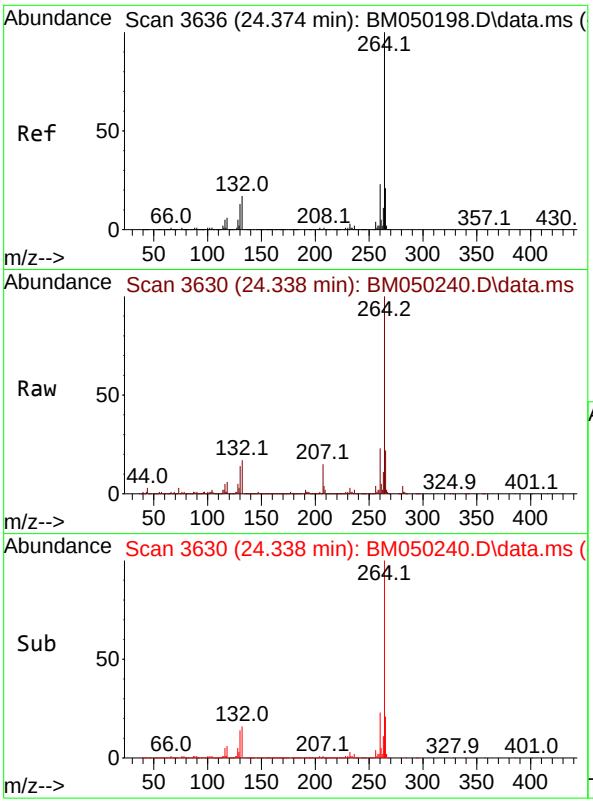


#79
Terphenyl-d14
Concen: 90.067 ng
RT: 19.762 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:244 Resp: 5334082

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.2	8.6	12.8



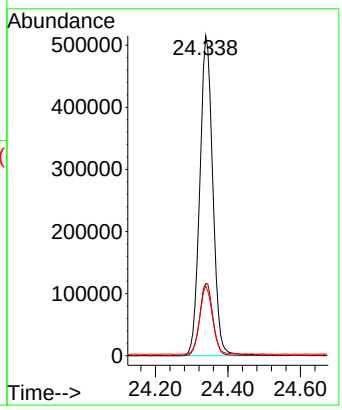


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.338 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:264 Resp: 1282474

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	28.0
265	21.7	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050237.D
Acq On : 09 Jun 2025 11:26
Operator : RC/JU
Sample : PB168340BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Quant Time: Jun 09 12:21:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

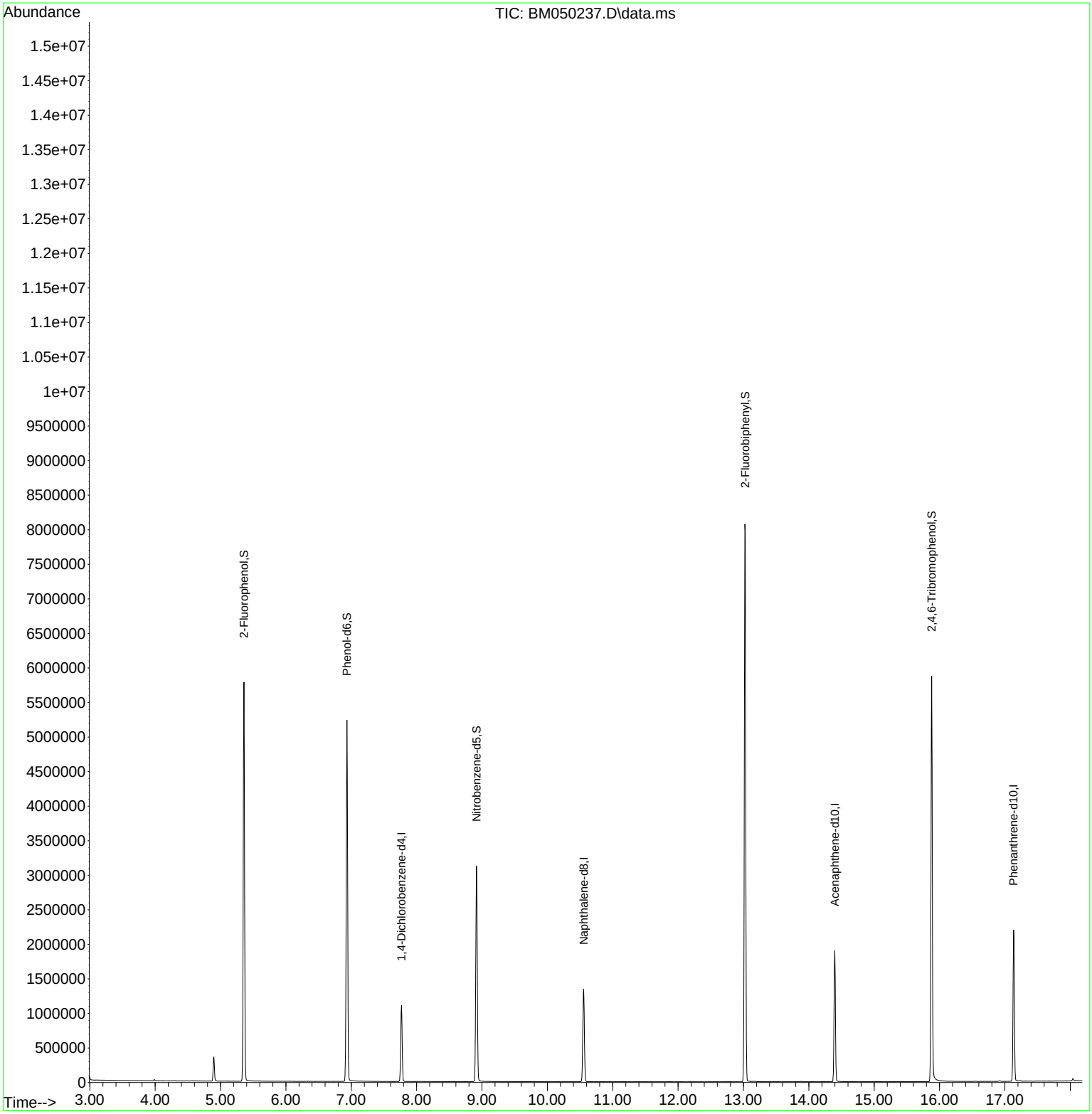
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	308898	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1157442	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	647360	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1268443	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1357312	20.000	ng	0.00
86) Perylene-d12	24.344	264	1477668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2728386	147.341	ng	0.00
7) Phenol-d6	6.934	99	3343794	137.173	ng	0.00
23) Nitrobenzene-d5	8.916	82	1971126	88.570	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1112019	151.023	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4271637	89.335	ng	0.00
79) Terphenyl-d14	19.768	244	6189153	86.410	ng	0.00
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050237.D
Acq On : 09 Jun 2025 11:26
Operator : RC/JU
Sample : PB168340BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340BL

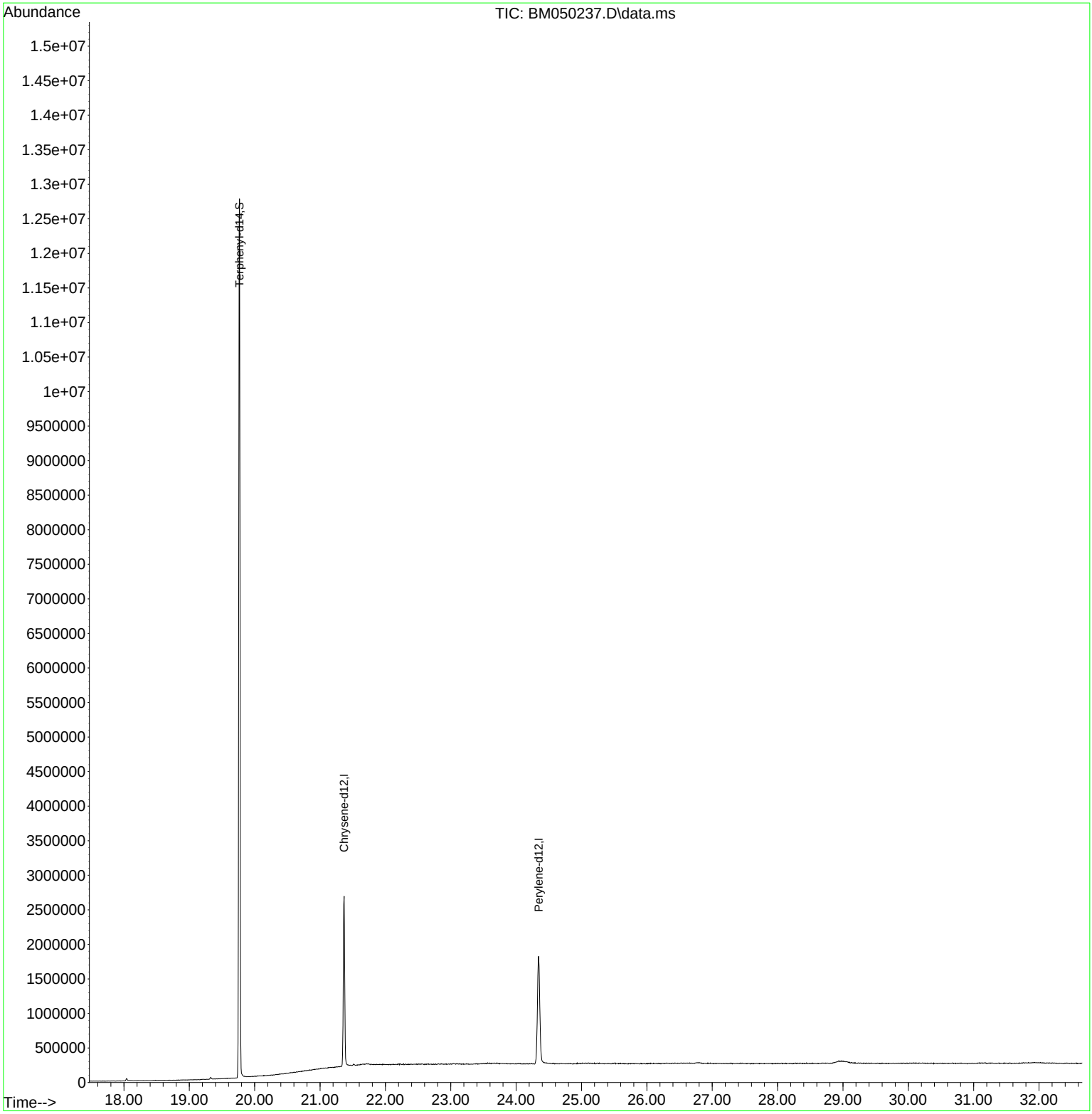
Quant Time: Jun 09 12:21:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

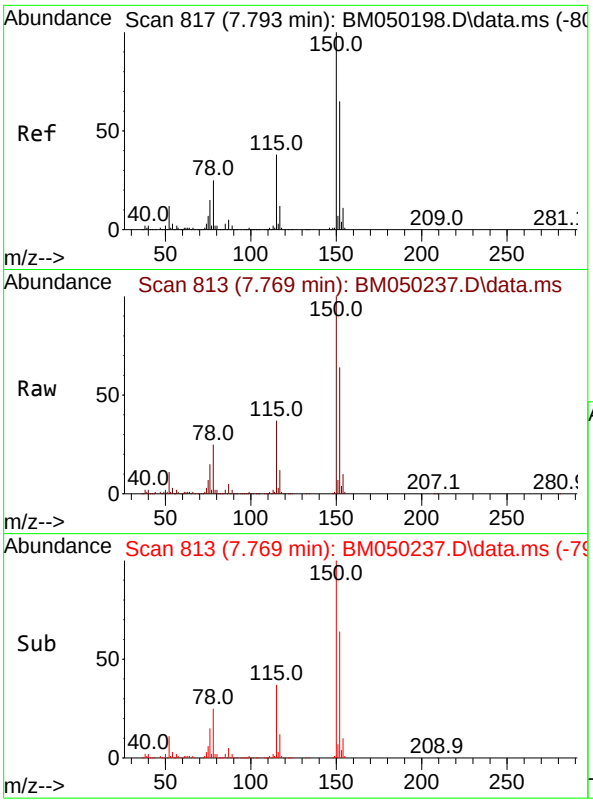


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050237.D
Acq On : 09 Jun 2025 11:26
Operator : RC/JU
Sample : PB168340BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Quant Time: Jun 09 12:21:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



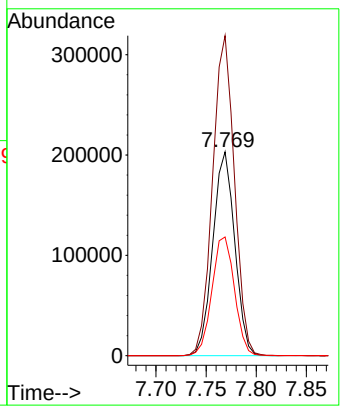


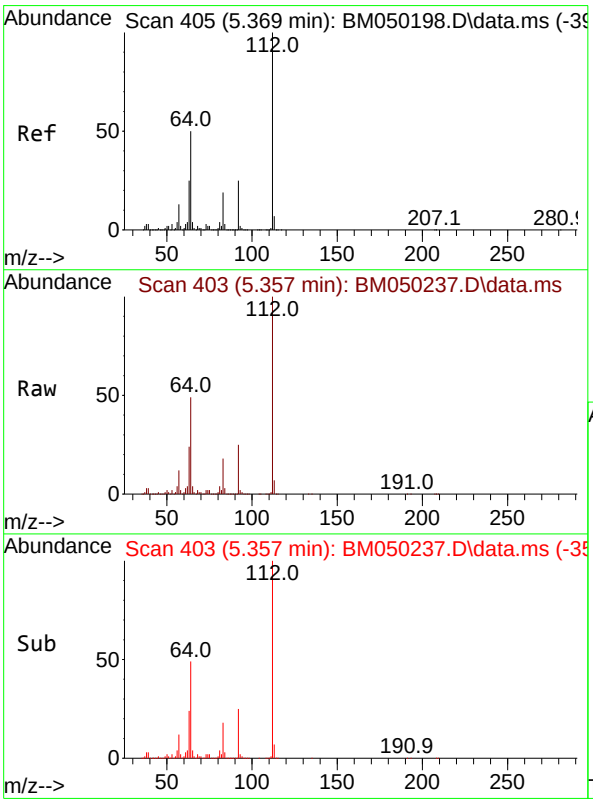
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Tgt Ion:152 Resp: 308898

Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.2	183.4
115	58.2	46.3	69.5

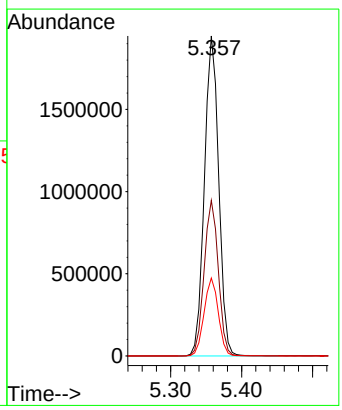


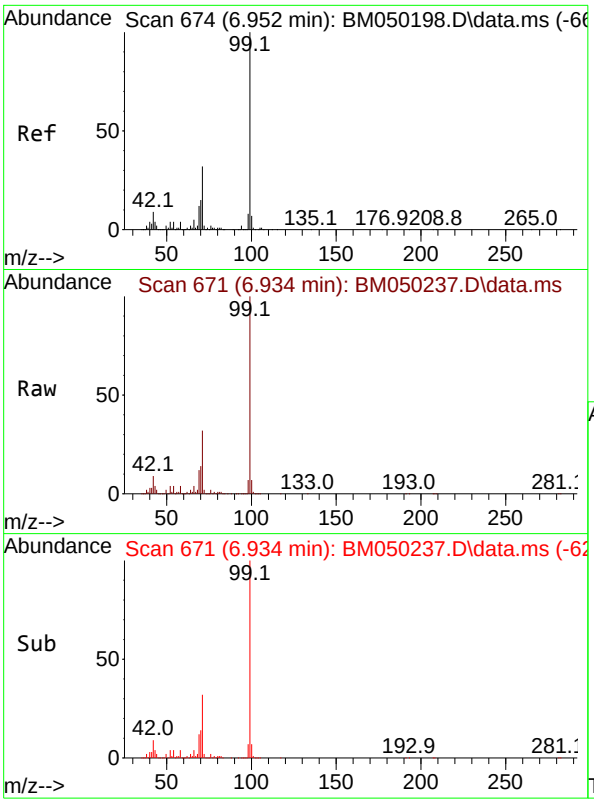


#5
2-Fluorophenol
Concen: 147.341 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:112 Resp: 2728386

Ion	Ratio	Lower	Upper
112	100		
64	48.6	39.8	59.6
63	24.4	19.8	29.8



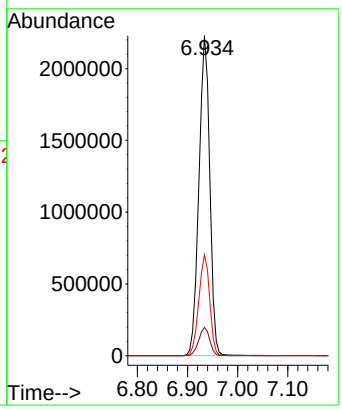


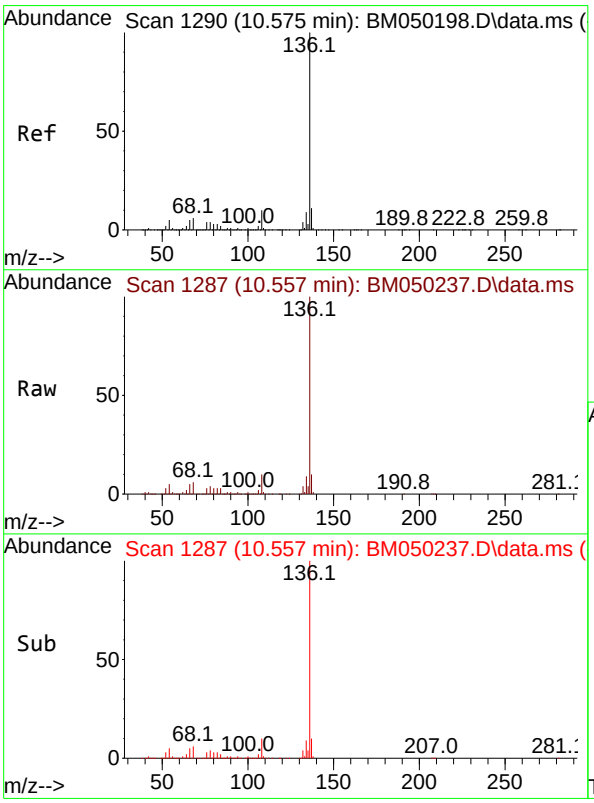
#7
Phenol-d6
Concen: 137.173 ng
RT: 6.934 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Tgt Ion: 99 Resp: 3343794

Ion	Ratio	Lower	Upper
99	100		
42	8.9	6.9	10.3
71	31.6	25.3	37.9

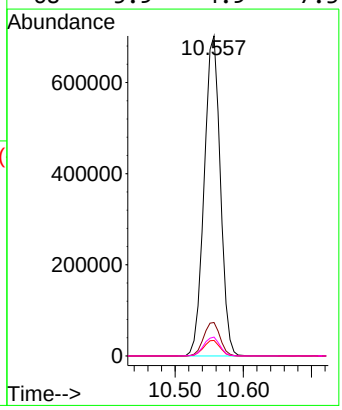


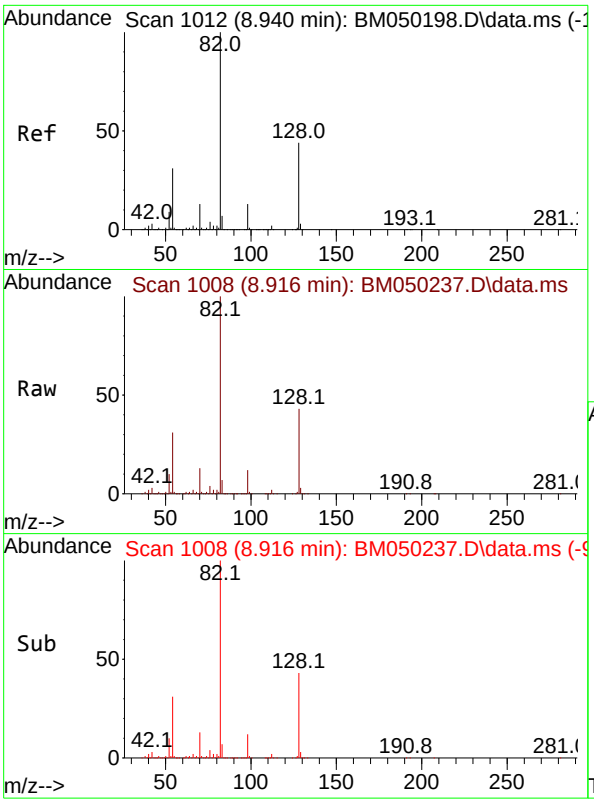


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:136 Resp: 1157442

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	4.9	3.8	5.8
68	5.9	4.9	7.3



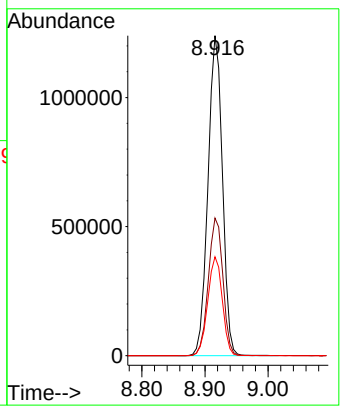


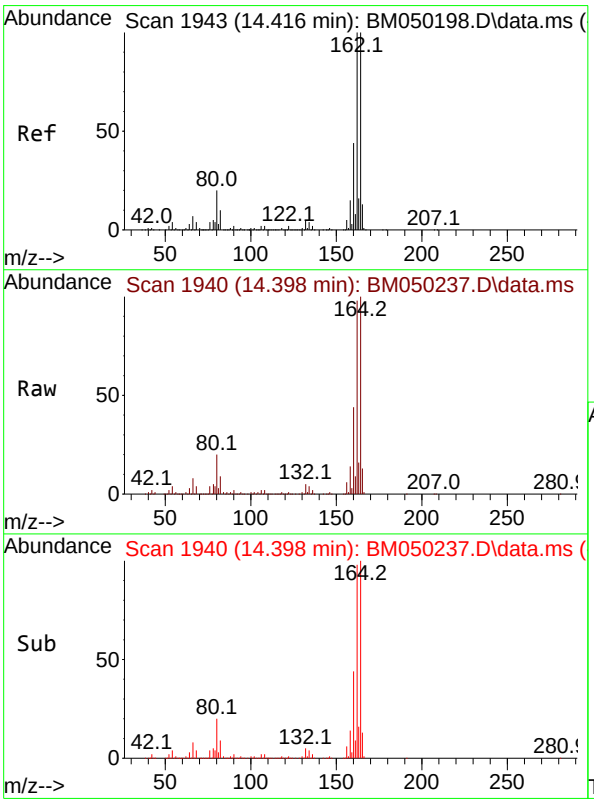
#23
Nitrobenzene-d5
Concen: 88.570 ng
RT: 8.916 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Tgt Ion: 82 Resp: 1971126

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.2	52.8
54	30.9	24.5	36.7

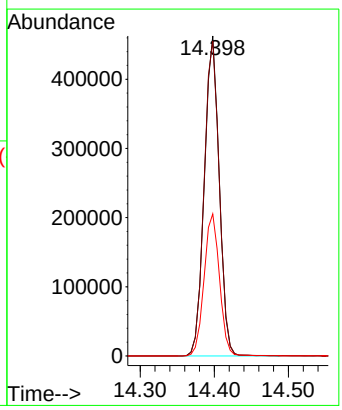


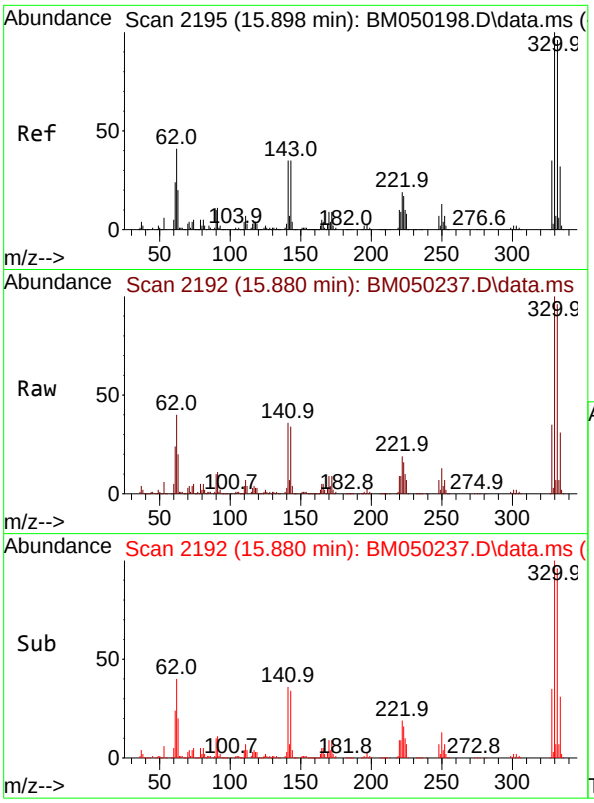


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:164 Resp: 647360

Ion	Ratio	Lower	Upper
164	100		
162	98.4	80.2	120.4
160	44.4	35.7	53.5



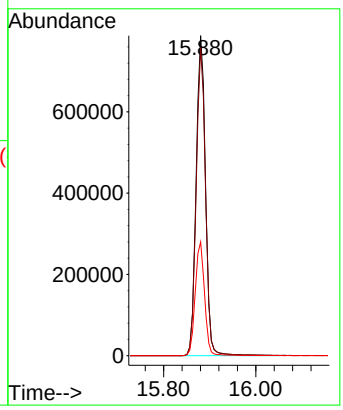


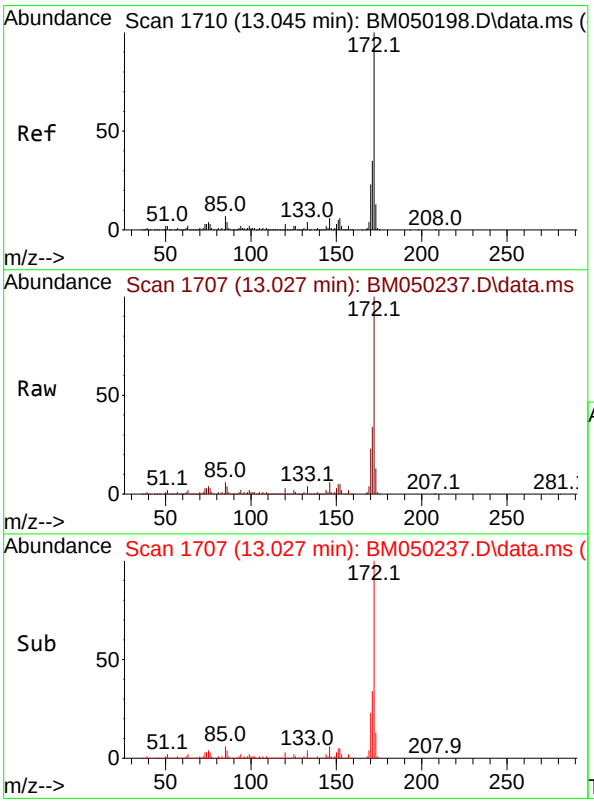
#42
2,4,6-Tribromophenol
Concen: 151.023 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Tgt Ion:330 Resp: 1112019

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.5	116.3
141	35.5	28.8	43.2

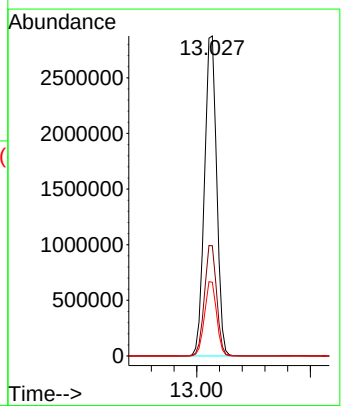


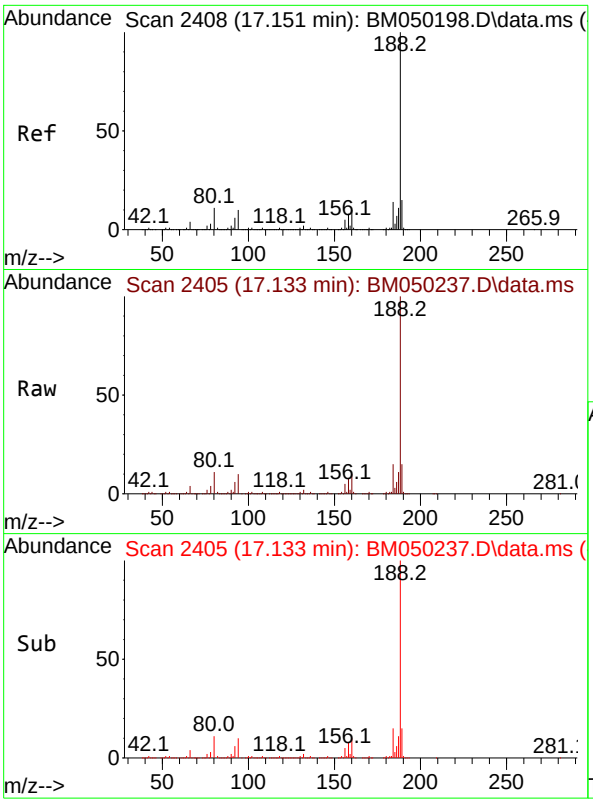


#45
2-Fluorobiphenyl
Concen: 89.335 ng
RT: 13.027 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:172 Resp: 4271637

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.0	18.6	27.8



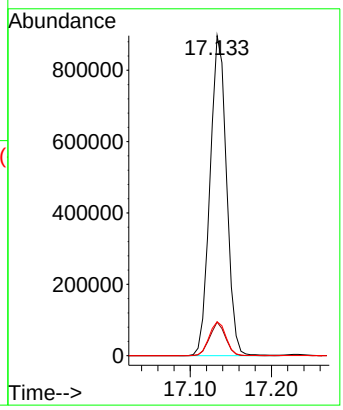


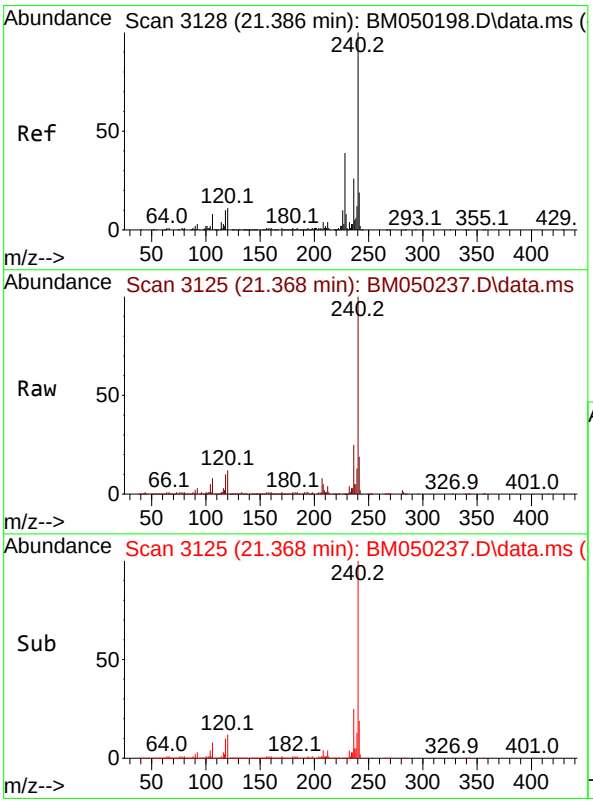
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Tgt Ion:188 Resp: 1268443

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	10.6	8.6	13.0

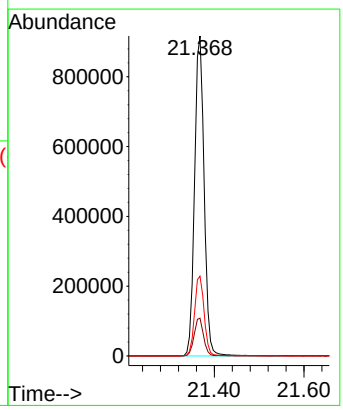


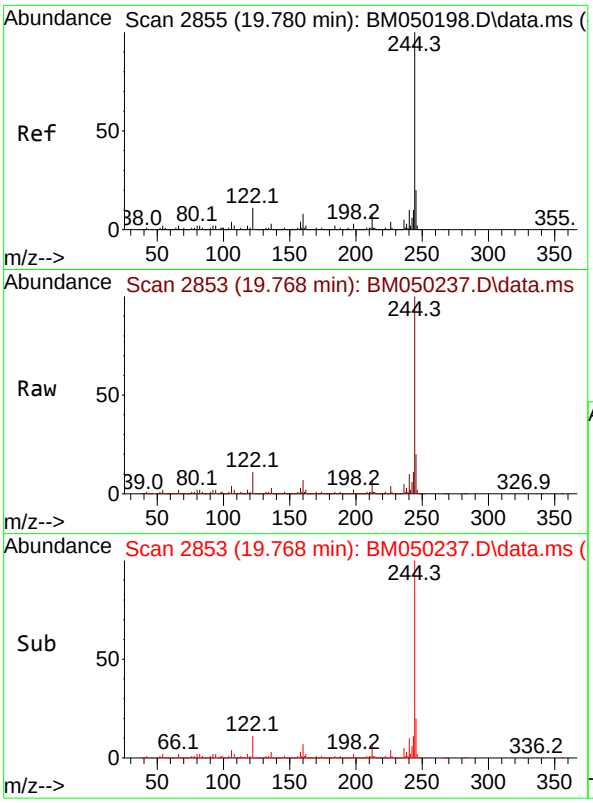


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:240 Resp: 1357312

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.4
236	25.0	20.7	31.1



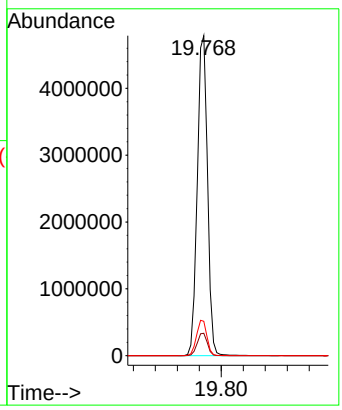


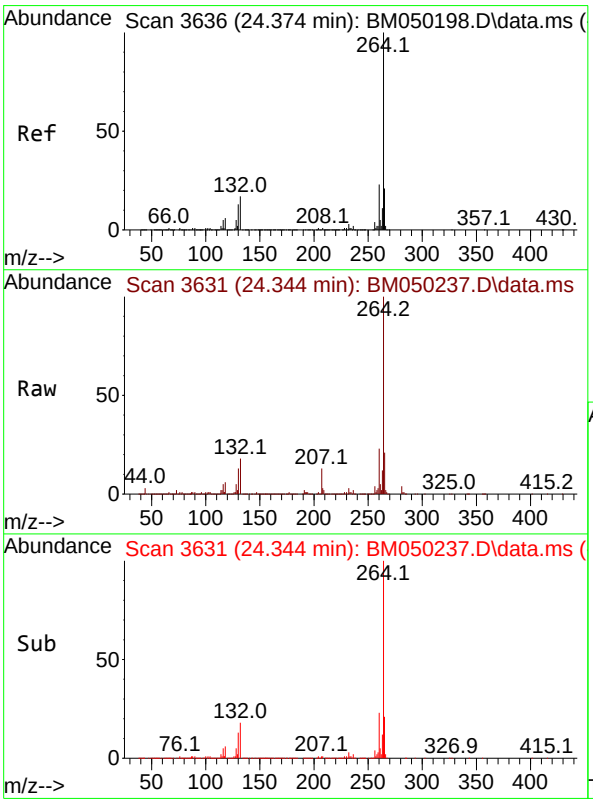
#79
Terphenyl-d14
Concen: 86.410 ng
RT: 19.768 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Tgt Ion:244 Resp: 6189153

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	10.7	8.6	12.8

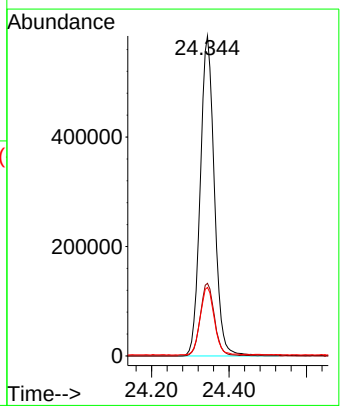




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.344 min Scan# 3631
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:264 Resp: 1477668

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	28.0
265	21.4	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050238.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168340BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 09 12:47:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168340BS

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	320774	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	1257053	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	743659	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1440533	20.000	ng		0.00
76) Chrysene-d12	21.374	240	1506864	20.000	ng		0.00
86) Perylene-d12	24.344	264	1650438	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2638389	137.206	ng		0.00
7) Phenol-d6	6.934	99	3384383	133.698	ng		0.00
23) Nitrobenzene-d5	8.916	82	2026373	83.837	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	1235095	146.017	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	4443623	80.897	ng		0.00
79) Terphenyl-d14	19.768	244	6572801	82.659	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	293881	34.865	ng		96
3) Pyridine	3.669	79	858280	39.320	ng		99
4) n-Nitrosodimethylamine	3.581	42	202342	44.828	ng		98
6) Aniline	7.092	93	1011663	30.231	ng		98
8) 2-Chlorophenol	7.334	128	1019547	48.202	ng		99
9) Benzaldehyde	6.904	77	515804	32.049	ng		96
10) Phenol	6.963	94	1284171	47.946	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	982431	45.603	ng		97
12) 1,3-Dichlorobenzene	7.657	146	1055739	44.647	ng		98
13) 1,4-Dichlorobenzene	7.804	146	1085947	44.139	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1048729	44.715	ng		99
15) Benzyl Alcohol	8.004	79	843230	46.704	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	715230	47.792	ng		97
17) 2-Methylphenol	8.204	107	846340	47.891	ng		99
18) Hexachloroethane	8.851	117	403890	45.332	ng		100
19) n-Nitroso-di-n-propyla...	8.575	70	708387	45.730	ng		98
20) 3+4-Methylphenols	8.533	107	1131847	47.871	ng		98
22) Acetophenone	8.586	105	1454601	46.318	ng	#	99
24) Nitrobenzene	8.957	77	1057551	48.109	ng		97
25) Isophorone	9.486	82	1969912	47.220	ng		99
26) 2-Nitrophenol	9.669	139	472285	49.772	ng		99
27) 2,4-Dimethylphenol	9.733	122	963560	49.422	ng		99
28) bis(2-Chloroethoxy)met...	9.969	93	1298501	47.646	ng		99
29) 2,4-Dichlorophenol	10.204	162	903658	50.086	ng		99
30) 1,2,4-Trichlorobenzene	10.422	180	926996	46.171	ng		99
31) Naphthalene	10.604	128	2974404	45.765	ng		99
32) Benzoic acid	9.863	122	640105	52.242	ng		99
33) 4-Chloroaniline	10.704	127	568403	20.514	ng		99
34) Hexachlorobutadiene	10.904	225	541097	45.310	ng		100
35) Caprolactam	11.480	113	292927m	51.211	ng		
36) 4-Chloro-3-methylphenol	11.833	107	971490	50.462	ng		100
37) 2-Methylnaphthalene	12.221	142	1860745	47.458	ng		99
38) 1-Methylnaphthalene	12.439	142	1952531	46.919	ng		99
40) 1,2,4,5-Tetrachloroben...	12.592	216	1005342	46.817	ng		99
41) Hexachlorocyclopentadiene	12.580	237	1304356	100.018	ng		98
43) 2,4,6-Trichlorophenol	12.827	196	711376	50.375	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050238.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168340BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 09 12:47:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168340BS

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	784491	50.597	ng	98
46) 1,1'-Biphenyl	13.233	154	2623701	47.117	ng	99
47) 2-Chloronaphthalene	13.274	162	2017409	46.601	ng	99
48) 2-Nitroaniline	13.468	65	527217	55.341	ng	98
49) Acenaphthylene	14.121	152	3401925	48.585	ng	100
50) Dimethylphthalate	13.863	163	2523932	50.184	ng	100
51) 2,6-Dinitrotoluene	13.968	165	543164	53.553	ng	97
52) Acenaphthene	14.462	154	2318364m	52.935	ng	
53) 3-Nitroaniline	14.292	138	316006	27.955	ng	99
54) 2,4-Dinitrophenol	14.498	184	635352	114.006	ng	96
55) Dibenzofuran	14.798	168	3097423	48.342	ng	99
56) 4-Nitrophenol	14.604	139	1121805	116.598	ng	100
57) 2,4-Dinitrotoluene	14.757	165	770010	57.552	ng	98
58) Fluorene	15.445	166	2402646	48.958	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.021	232	698096	52.041	ng	92
60) Diethylphthalate	15.233	149	2578921	51.680	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1160537	48.930	ng	99
62) 4-Nitroaniline	15.457	138	566413	53.462	ng	99
63) Azobenzene	15.739	77	2507403	50.272	ng	100
65) 4,6-Dinitro-2-methylph...	15.515	198	405706	51.564	ng	96
66) n-Nitrosodiphenylamine	15.656	169	2191325	48.414	ng	100
67) 4-Bromophenyl-phenylether	16.339	248	746039	48.565	ng	98
68) Hexachlorobenzene	16.451	284	875561	48.784	ng	96
69) Atrazine	16.609	200	773565	53.638	ng	99
70) Pentachlorophenol	16.786	266	1257952	107.804	ng	100
71) Phenanthrene	17.180	178	3971003	48.255	ng	100
72) Anthracene	17.268	178	4042950	49.109	ng	100
73) Carbazole	17.533	167	3834360	51.125	ng	100
74) Di-n-butylphthalate	18.115	149	4430714	54.294	ng	100
75) Fluoranthene	19.192	202	4523643	52.126	ng	99
77) Benzidine	19.374	184	1694498	39.989	ng	100
78) Pyrene	19.556	202	4807428	47.334	ng	100
80) Butylbenzylphthalate	20.468	149	1912953	56.466	ng	99
81) Benzo(a)anthracene	21.356	228	4718074	49.467	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	927690	31.895	ng	100
83) Chrysene	21.415	228	4478849	49.367	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2985953	57.220	ng	99
85) Di-n-octyl phthalate	22.438	149	4874152	62.946	ng	100
87) Indeno(1,2,3-cd)pyrene	27.709	276	5729953	53.920	ng	100
88) Benzo(b)fluoranthene	23.415	252	4765849	49.666	ng	100
89) Benzo(k)fluoranthene	23.480	252	4799784	48.998	ng	100
90) Benzo(a)pyrene	24.209	252	4602184	51.011	ng	99
91) Dibenzo(a,h)anthracene	27.773	278	4653553	53.949	ng	99
92) Benzo(g,h,i)perylene	28.756	276	4644096	53.792	ng	100

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

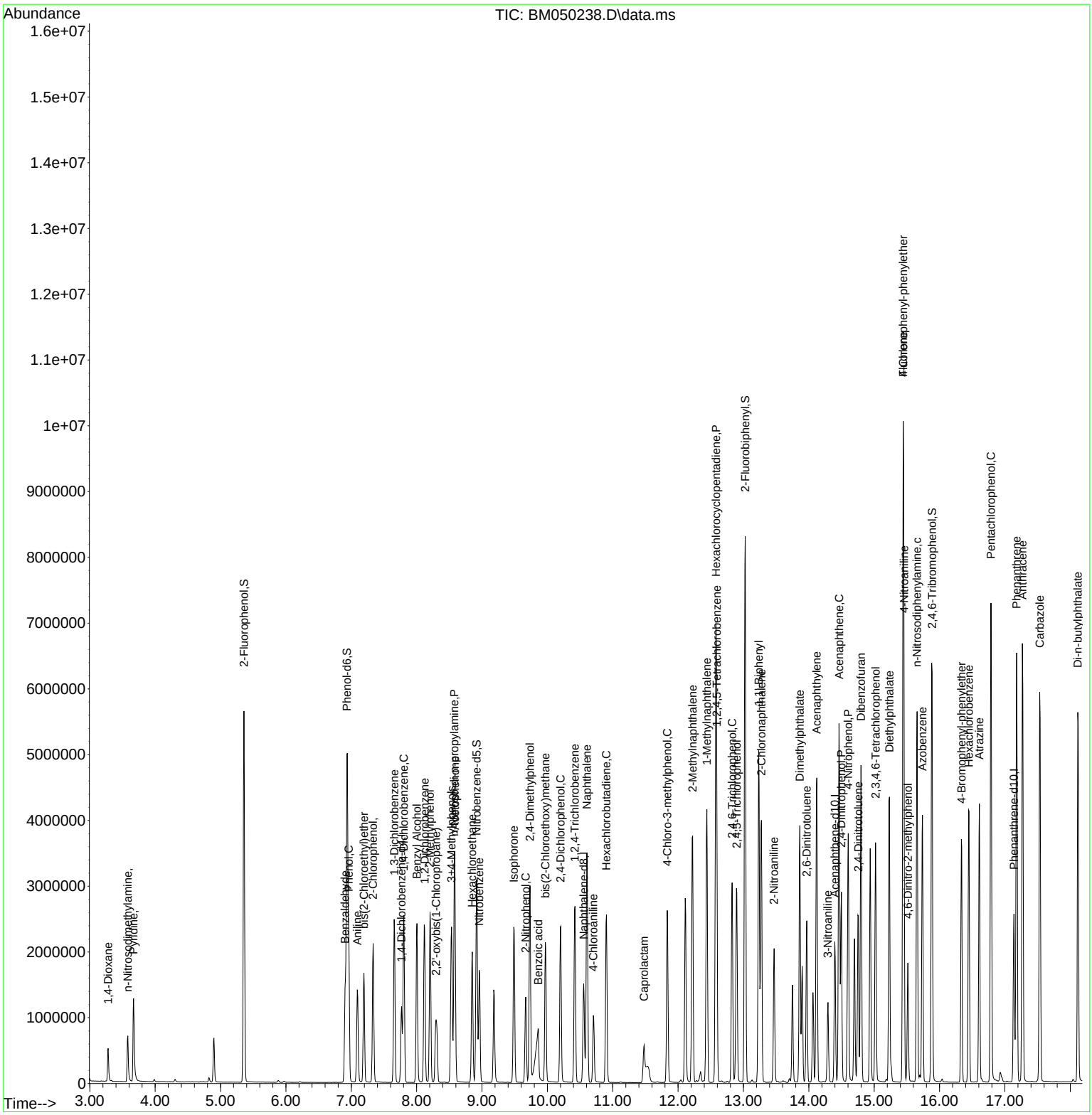
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050238.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168340BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 09 12:47:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168340BS

Manual Integrations APPROVED

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



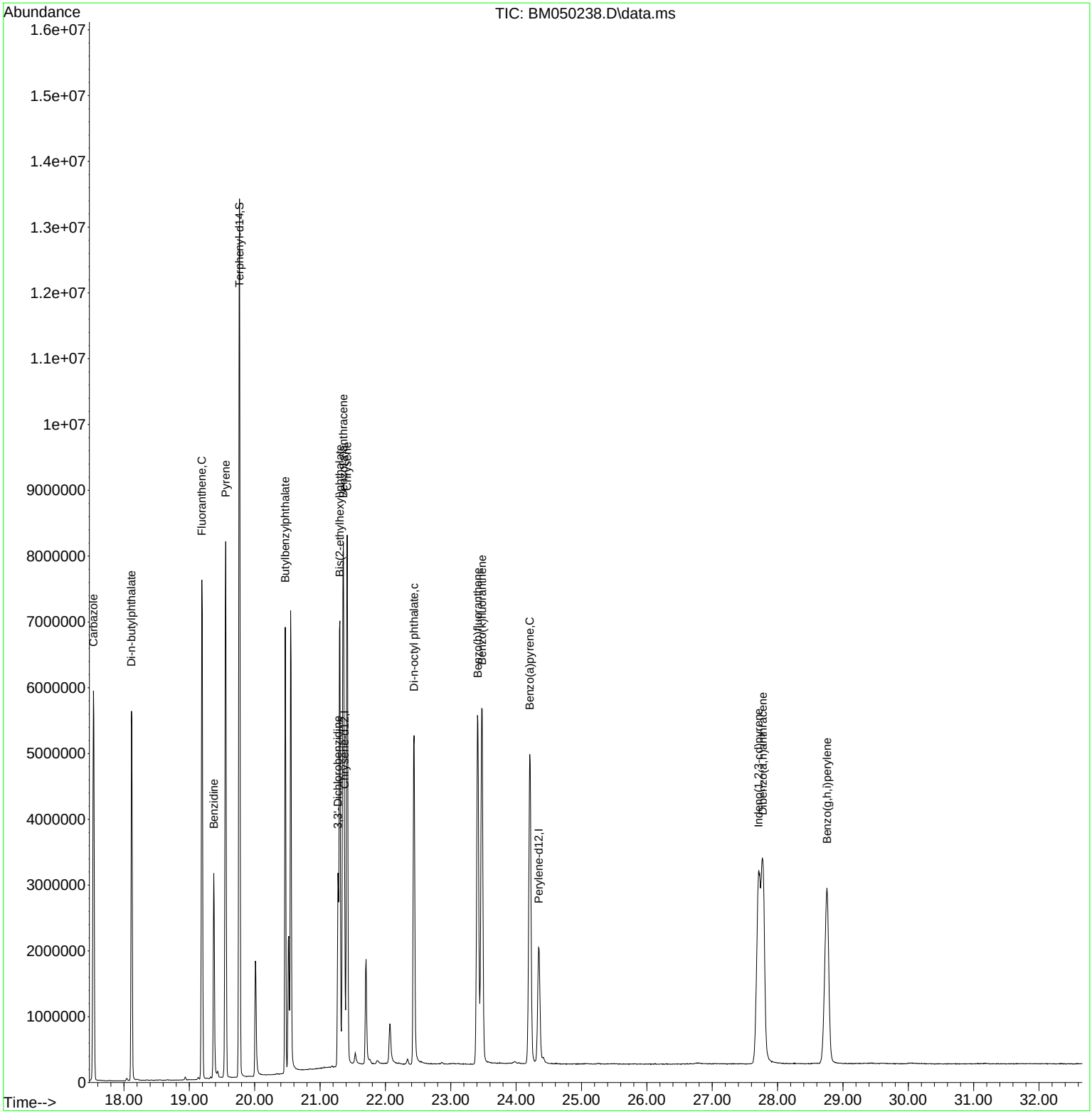
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050238.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168340BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 09 12:47:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168340BS

Manual Integrations APPROVED

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050241.D
Acq On : 09 Jun 2025 14:08
Operator : RC/JU
Sample : Q2125-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 09 15:08:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GSB3MS

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	289351	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	1143577	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	672610	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1263274	20.000	ng		0.00
76) Chrysene-d12	21.368	240	1232808	20.000	ng		0.00
86) Perylene-d12	24.344	264	1346663	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1255227	72.365	ng		0.00
7) Phenol-d6	6.928	99	1051650	46.056	ng		0.00
23) Nitrobenzene-d5	8.916	82	1998828	90.904	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	1206681	157.727	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	4225084	85.044	ng		0.00
79) Terphenyl-d14	19.768	244	6013290	92.434	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	142755	18.775	ng		98
3) Pyridine	3.669	79	347991	17.673	ng		99
4) n-Nitrosodimethylamine	3.575	42	86452	21.233	ng	#	96
6) Aniline	7.093	93	733032	24.284	ng		99
8) 2-Chlorophenol	7.334	128	807950	42.347	ng		99
9) Benzaldehyde	6.904	77	516304	35.564	ng		98
10) Phenol	6.957	94	393327	16.280	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	943092	48.531	ng		99
12) 1,3-Dichlorobenzene	7.657	146	926381	43.431	ng		98
13) 1,4-Dichlorobenzene	7.798	146	959761	43.247	ng		100
14) 1,2-Dichlorobenzene	8.116	146	936149	44.249	ng		99
15) Benzyl Alcohol	7.998	79	547664	33.628	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.292	45	665085	49.268	ng		99
17) 2-Methylphenol	8.204	107	571452	35.848	ng		99
18) Hexachloroethane	8.845	117	448949	55.861	ng		99
19) n-Nitroso-di-n-propyla...	8.569	70	700907	50.161	ng		99
20) 3+4-Methylphenols	8.528	107	677186	31.752	ng		97
22) Acetophenone	8.581	105	1570871	54.983	ng	#	97
24) Nitrobenzene	8.957	77	1007723	50.391	ng		99
25) Isophorone	9.486	82	1951003	51.408	ng		100
26) 2-Nitrophenol	9.669	139	465171	53.887	ng		99
27) 2,4-Dimethylphenol	9.734	122	833101	46.970	ng		100
28) bis(2-Chloroethoxy)met...	9.969	93	1261615	50.886	ng		99
29) 2,4-Dichlorophenol	10.198	162	823441	50.169	ng		99
30) 1,2,4-Trichlorobenzene	10.416	180	886464	48.534	ng		99
31) Naphthalene	10.604	128	3489029	59.011	ng		99
32) Benzoic acid	9.810	122	180703	16.211	ng		89
33) 4-Chloroaniline	10.704	127	680776	27.007	ng		98
34) Hexachlorobutadiene	10.904	225	529682	48.755	ng		99
35) Caprolactam	11.486	113	54718	10.515	ng		92
36) 4-Chloro-3-methylphenol	11.833	107	831853	47.496	ng		100
37) 2-Methylnaphthalene	12.222	142	6126319	171.755	ng		98
38) 1-Methylnaphthalene	12.439	142	5031667	132.909	ng		99
40) 1,2,4,5-Tetrachloroben...	12.592	216	982068	50.564	ng		99
41) Hexachlorocyclopentadiene	12.580	237	1103973	93.595	ng		98
43) 2,4,6-Trichlorophenol	12.827	196	672731	52.671	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050241.D
Acq On : 09 Jun 2025 14:08
Operator : RC/JU
Sample : Q2125-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 09 15:08:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GSB3MS

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	732097	52.205	ng		98
46) 1,1'-Biphenyl	13.233	154	2582829	51.283	ng		98
47) 2-Chloronaphthalene	13.275	162	1970253	50.319	ng		100
48) 2-Nitroaniline	13.469	65	506865	58.824	ng		98
49) Acenaphthylene	14.121	152	3219411	50.835	ng		98
50) Dimethylphthalate	13.863	163	2420352	53.208	ng		100
51) 2,6-Dinitrotoluene	13.969	165	492752	53.715	ng		92
52) Acenaphthene	14.463	154	2423578m	61.183	ng		
53) 3-Nitroaniline	14.292	138	278218	27.212	ng		98
54) 2,4-Dinitrophenol	14.498	184	604886	122.615	ng		95
55) Dibenzofuran	14.798	168	3251696	56.110	ng		98
56) 4-Nitrophenol	14.598	139	401045	46.087	ng		99
57) 2,4-Dinitrotoluene	14.757	165	720272	59.521	ng	#	96
58) Fluorene	15.445	166	2659647	59.920	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.021	232	650150m	53.586	ng		
60) Diethylphthalate	15.227	149	2657786	58.887	ng		98
61) 4-Chlorophenyl-phenyle...	15.445	204	1116837	52.062	ng		99
62) 4-Nitroaniline	15.457	138	504811	52.681	ng		97
63) Azobenzene	15.733	77	2343360	51.945	ng		98
65) 4,6-Dinitro-2-methylph...	15.516	198	386478	56.013	ng		97
66) n-Nitrosodiphenylamine	15.657	169	2109439	53.144	ng		99
67) 4-Bromophenyl-phenylether	16.339	248	728512	54.078	ng		97
68) Hexachlorobenzene	16.451	284	825570	52.453	ng		96
69) Atrazine	16.610	200	739965	58.508	ng		99
70) Pentachlorophenol	16.786	266	1161426	113.498	ng		99
71) Phenanthrene	17.180	178	4251041	58.906	ng		100
72) Anthracene	17.268	178	3694142	51.169	ng		99
73) Carbazole	17.533	167	3525760	53.606	ng		100
74) Di-n-butylphthalate	18.115	149	4601778	64.303	ng		100
75) Fluoranthene	19.192	202	4150751	54.540	ng		98
77) Benzidine	19.374	184	569686	16.433	ng		99
78) Pyrene	19.556	202	4405786	53.023	ng		100
80) Butylbenzylphthalate	20.468	149	1864215	67.260	ng		99
81) Benzo(a)anthracene	21.350	228	4155727	53.257	ng		99
82) 3,3'-Dichlorobenzidine	21.274	252	1261208	53.001	ng		99
83) Chrysene	21.415	228	3876537	52.227	ng		99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2857713	66.937	ng		100
85) Di-n-octyl phthalate	22.433	149	4670562	73.725	ng		100
87) Indeno(1,2,3-cd)pyrene	27.709	276	5066448	58.431	ng	#	93
88) Benzo(b)fluoranthene	23.415	252	4219935	53.897	ng		99
89) Benzo(k)fluoranthene	23.474	252	4143643	51.842	ng		100
90) Benzo(a)pyrene	24.209	252	4038417	54.859	ng		99
91) Dibenzo(a,h)anthracene	27.774	278	4134482	58.744	ng		99
92) Benzo(g,h,i)perylene	28.750	276	4114165	58.404	ng		98

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

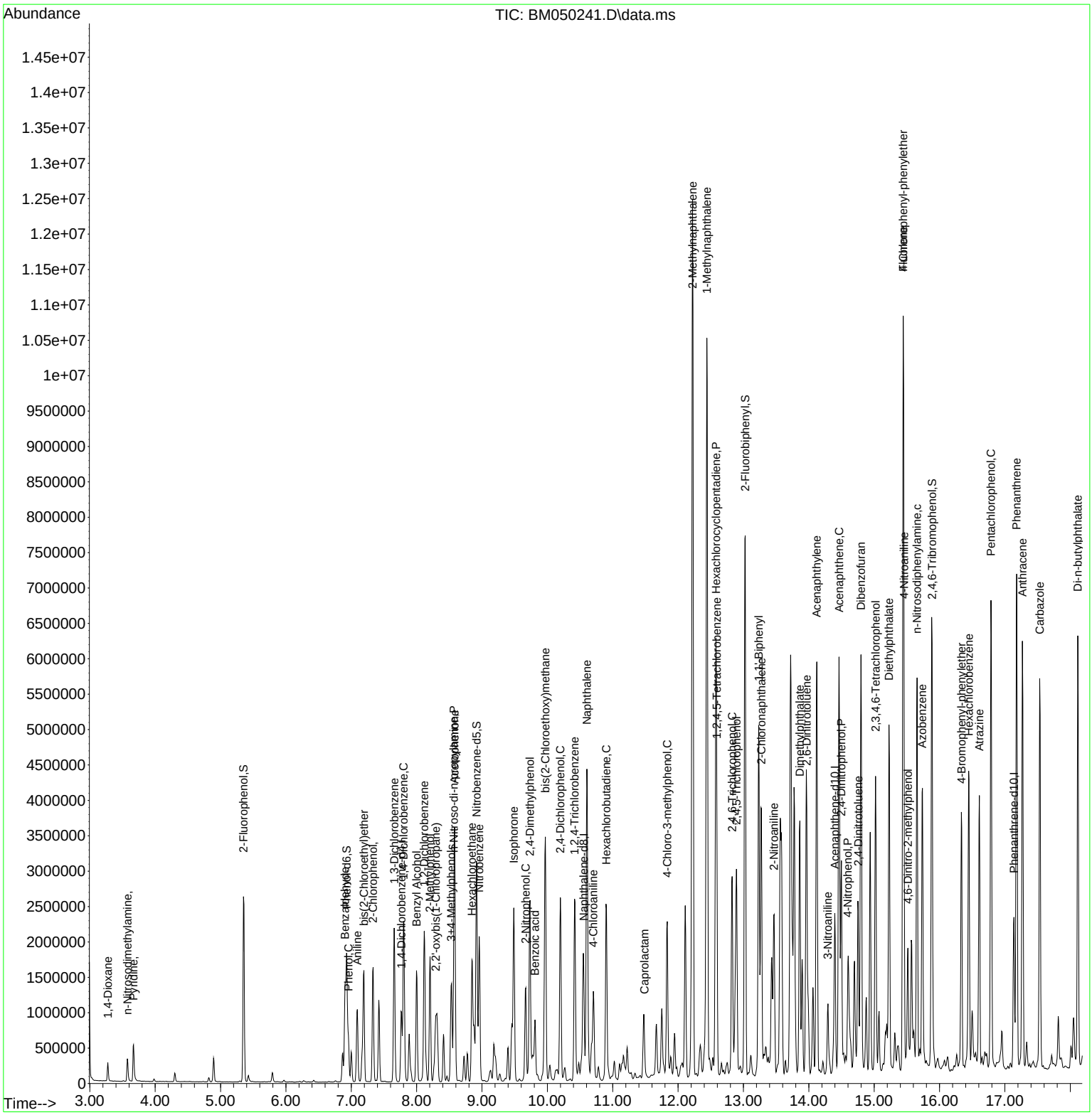
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050241.D
Acq On : 09 Jun 2025 14:08
Operator : RC/JU
Sample : Q2125-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 09 15:08:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GSB3MS

Manual Integrations APPROVED

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050241.D
Acq On : 09 Jun 2025 14:08
Operator : RC/JU
Sample : Q2125-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 09 15:08:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GSB3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
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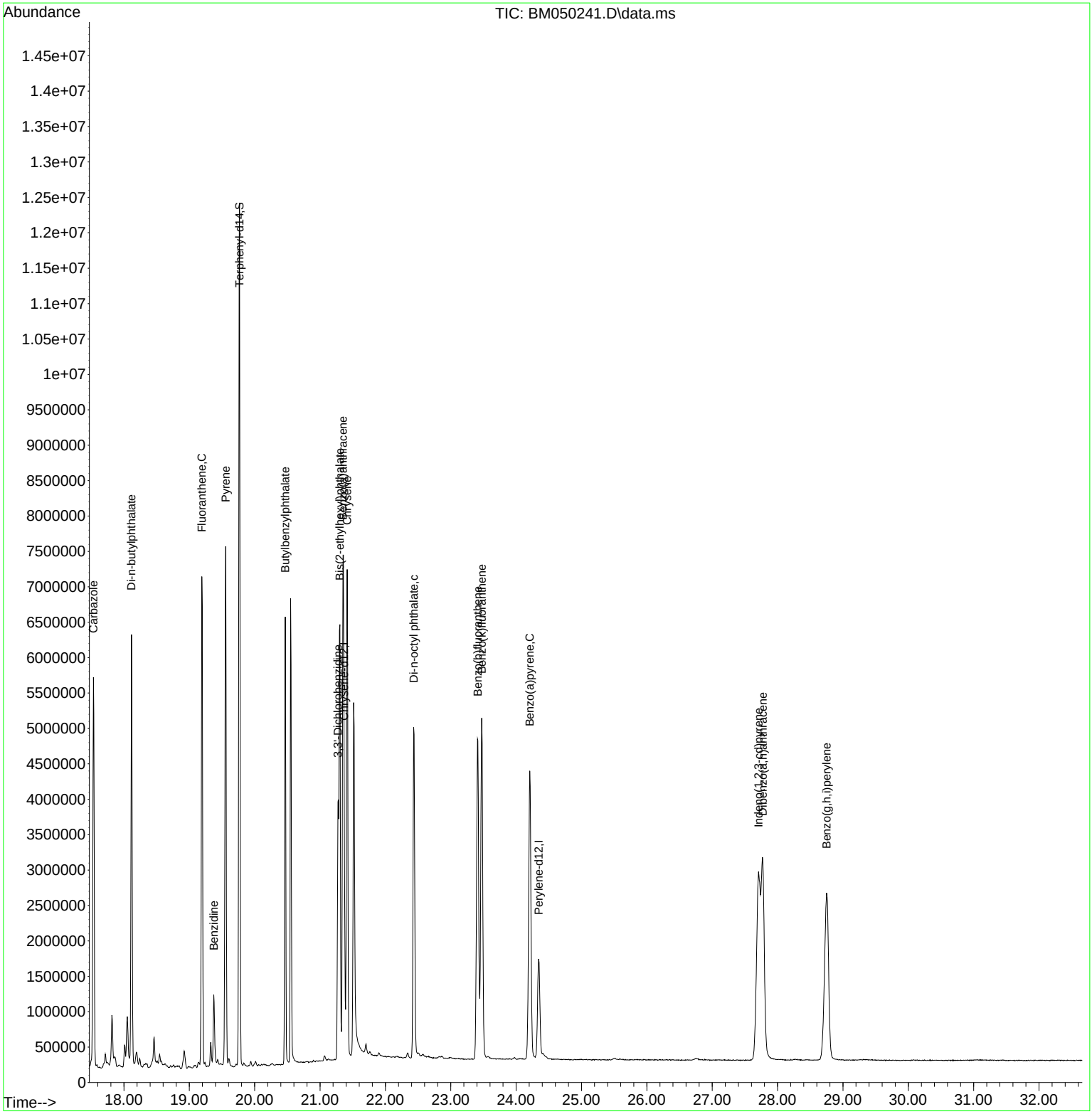


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050242.D
Acq On : 09 Jun 2025 14:47
Operator : RC/JU
Sample : Q2125-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 09 16:20:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GSB3MSD

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	281877	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	1107266	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	644595	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1197069	20.000	ng		0.00
76) Chrysene-d12	21.368	240	1175824	20.000	ng		0.00
86) Perylene-d12	24.344	264	1237452	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1211116	71.674	ng		0.00
7) Phenol-d6	6.928	99	1030995	46.349	ng		0.00
23) Nitrobenzene-d5	8.916	82	1959264	92.026	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	1167405	159.225	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	4087466	85.850	ng		0.00
79) Terphenyl-d14	19.768	244	5823501	93.855	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	136315	18.404	ng		99
3) Pyridine	3.669	79	334703	17.449	ng		99
4) n-Nitrosodimethylamine	3.575	42	83869	21.145	ng	#	91
6) Aniline	7.092	93	693378	23.579	ng		99
8) 2-Chlorophenol	7.334	128	785509	42.262	ng		99
9) Benzaldehyde	6.904	77	505297	35.729	ng		97
10) Phenol	6.957	94	381059	16.191	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	908767	48.005	ng		98
12) 1,3-Dichlorobenzene	7.657	146	893261	42.989	ng		99
13) 1,4-Dichlorobenzene	7.804	146	923145	42.700	ng		99
14) 1,2-Dichlorobenzene	8.116	146	911084	44.206	ng		99
15) Benzyl Alcohol	7.998	79	535429	33.748	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	635679	48.338	ng		99
17) 2-Methylphenol	8.204	107	559356	36.019	ng		99
18) Hexachloroethane	8.845	117	435909	55.677	ng		99
19) n-Nitroso-di-n-propyla...	8.575	70	671445	49.326	ng		99
20) 3+4-Methylphenols	8.533	107	675295	32.503	ng		99
22) Acetophenone	8.581	105	1531014	55.346	ng		97
24) Nitrobenzene	8.957	77	977949	50.506	ng		99
25) Isophorone	9.486	82	1898052	51.652	ng		99
26) 2-Nitrophenol	9.669	139	451831	54.058	ng		99
27) 2,4-Dimethylphenol	9.733	122	817519	47.603	ng		99
28) bis(2-Chloroethoxy)met...	9.969	93	1220579	50.845	ng		100
29) 2,4-Dichlorophenol	10.204	162	807193	50.791	ng		99
30) 1,2,4-Trichlorobenzene	10.422	180	865818	48.958	ng		99
31) Naphthalene	10.604	128	3384046	59.112	ng		99
32) Benzoic acid	9.810	122	176121	16.318	ng		95
33) 4-Chloroaniline	10.704	127	667566	27.351	ng		99
34) Hexachlorobutadiene	10.904	225	513215	48.788	ng		99
35) Caprolactam	11.486	113	50996	10.121	ng		92
36) 4-Chloro-3-methylphenol	11.833	107	802313	47.312	ng		98
37) 2-Methylnaphthalene	12.221	142	5947123	172.199	ng		99
38) 1-Methylnaphthalene	12.439	142	4887345	133.330	ng		100
40) 1,2,4,5-Tetrachloroben...	12.592	216	953327	51.218	ng		99
41) Hexachlorocyclopentadiene	12.580	237	1057601	93.561	ng		98
43) 2,4,6-Trichlorophenol	12.827	196	659289	53.862	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050242.D
Acq On : 09 Jun 2025 14:47
Operator : RC/JU
Sample : Q2125-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 09 16:20:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GSB3MSD

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	710689	52.881	ng		99
46) 1,1'-Biphenyl	13.233	154	2517319	52.155	ng		99
47) 2-Chloronaphthalene	13.274	162	1902019	50.688	ng		99
48) 2-Nitroaniline	13.468	65	493666	59.783	ng		98
49) Acenaphthylene	14.121	152	3125267	51.493	ng		98
50) Dimethylphthalate	13.863	163	2309291	52.973	ng		99
51) 2,6-Dinitrotoluene	13.968	165	475465	54.083	ng		94
52) Acenaphthene	14.463	154	2356807m	62.083	ng		
53) 3-Nitroaniline	14.292	138	272471	27.809	ng		98
54) 2,4-Dinitrophenol	14.498	184	581083	123.046	ng		96
55) Dibenzofuran	14.798	168	3107541	55.953	ng		98
56) 4-Nitrophenol	14.604	139	383346	45.968	ng		92
57) 2,4-Dinitrotoluene	14.757	165	692300	59.696	ng	#	95
58) Fluorene	15.445	166	2556767	60.106	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.021	232	622482	53.535	ng		91
60) Diethylphthalate	15.227	149	2438141	56.368	ng		99
61) 4-Chlorophenyl-phenyle...	15.445	204	1080680	52.566	ng		98
62) 4-Nitroaniline	15.457	138	475975	51.830	ng		97
63) Azobenzene	15.739	77	2230978	51.604	ng		96
65) 4,6-Dinitro-2-methylph...	15.515	198	376940	57.652	ng		99
66) n-Nitrosodiphenylamine	15.657	169	2023507	53.798	ng		99
67) 4-Bromophenyl-phenylether	16.333	248	697999	54.679	ng		99
68) Hexachlorobenzene	16.451	284	789740	52.951	ng		96
69) Atrazine	16.609	200	702108	58.585	ng		98
70) Pentachlorophenol	16.786	266	1106939	114.156	ng		100
71) Phenanthrene	17.180	178	4099259	59.944	ng		99
72) Anthracene	17.268	178	3582894	52.373	ng		100
73) Carbazole	17.533	167	3368785	54.052	ng		100
74) Di-n-butylphthalate	18.115	149	4343044	64.044	ng		100
75) Fluoranthene	19.192	202	3982272	55.220	ng		99
77) Benzidine	19.374	184	665705	20.133	ng		99
78) Pyrene	19.556	202	4214773	53.183	ng		100
80) Butylbenzylphthalate	20.468	149	1809144	68.437	ng		99
81) Benzo(a)anthracene	21.350	228	3971807	53.367	ng		100
82) 3,3'-Dichlorobenzidine	21.274	252	1179338	51.963	ng		99
83) Chrysene	21.415	228	3707097	52.364	ng		99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2791744	68.560	ng		100
85) Di-n-octyl phthalate	22.433	149	4554629	75.379	ng		100
87) Indeno(1,2,3-cd)pyrene	27.709	276	4614589	57.916	ng		100
88) Benzo(b)fluoranthene	23.409	252	3972361	55.213	ng		99
89) Benzo(k)fluoranthene	23.474	252	3838081	52.257	ng		99
90) Benzo(a)pyrene	24.209	252	3724602	55.061	ng		99
91) Dibenzo(a,h)anthracene	27.768	278	3769168	58.279	ng		99
92) Benzo(g,h,i)perylene	28.744	276	3759055	58.072	ng		99

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

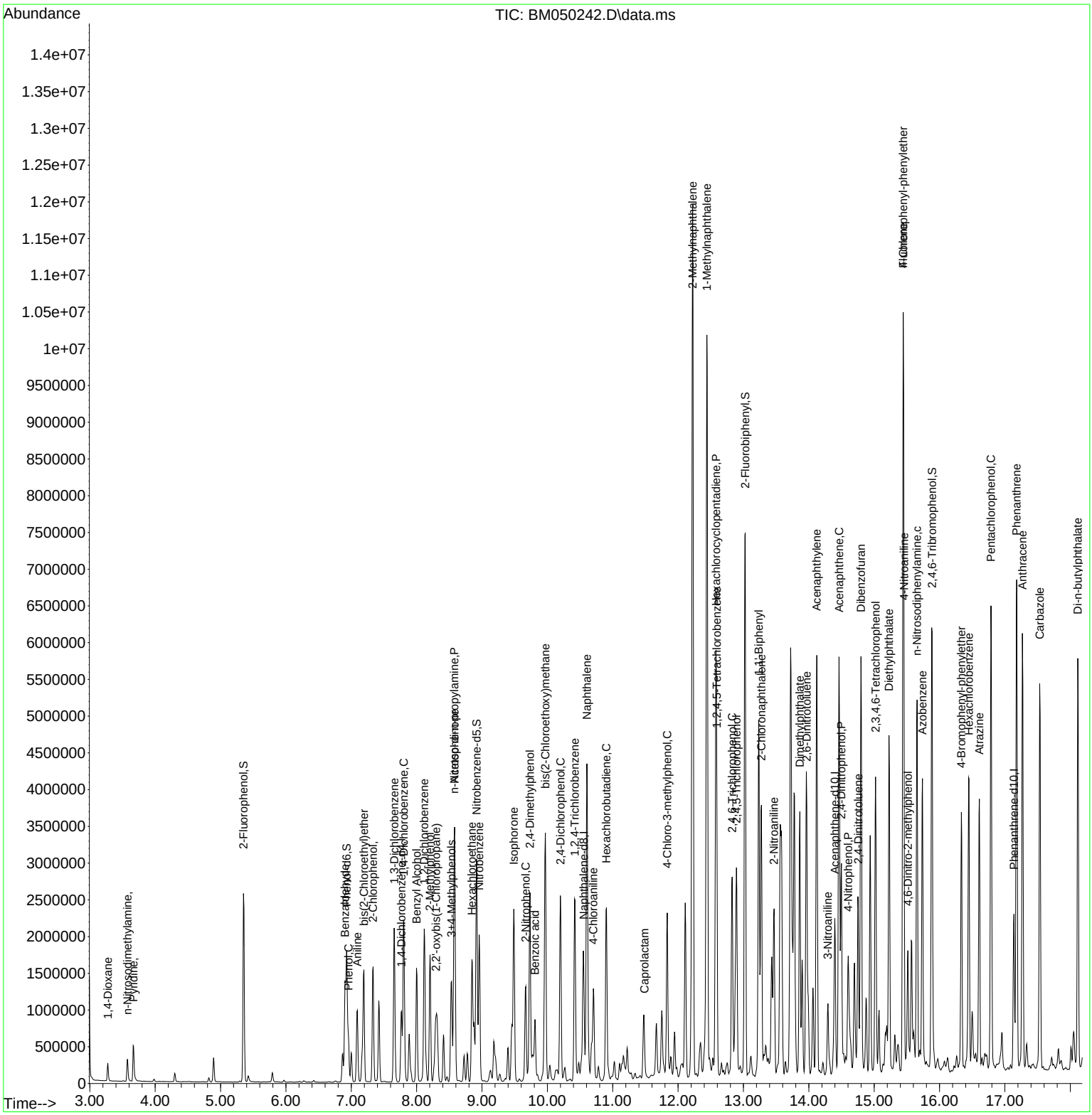
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050242.D
Acq On : 09 Jun 2025 14:47
Operator : RC/JU
Sample : Q2125-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 09 16:20:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GSB3MSD

Manual Integrations APPROVED

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



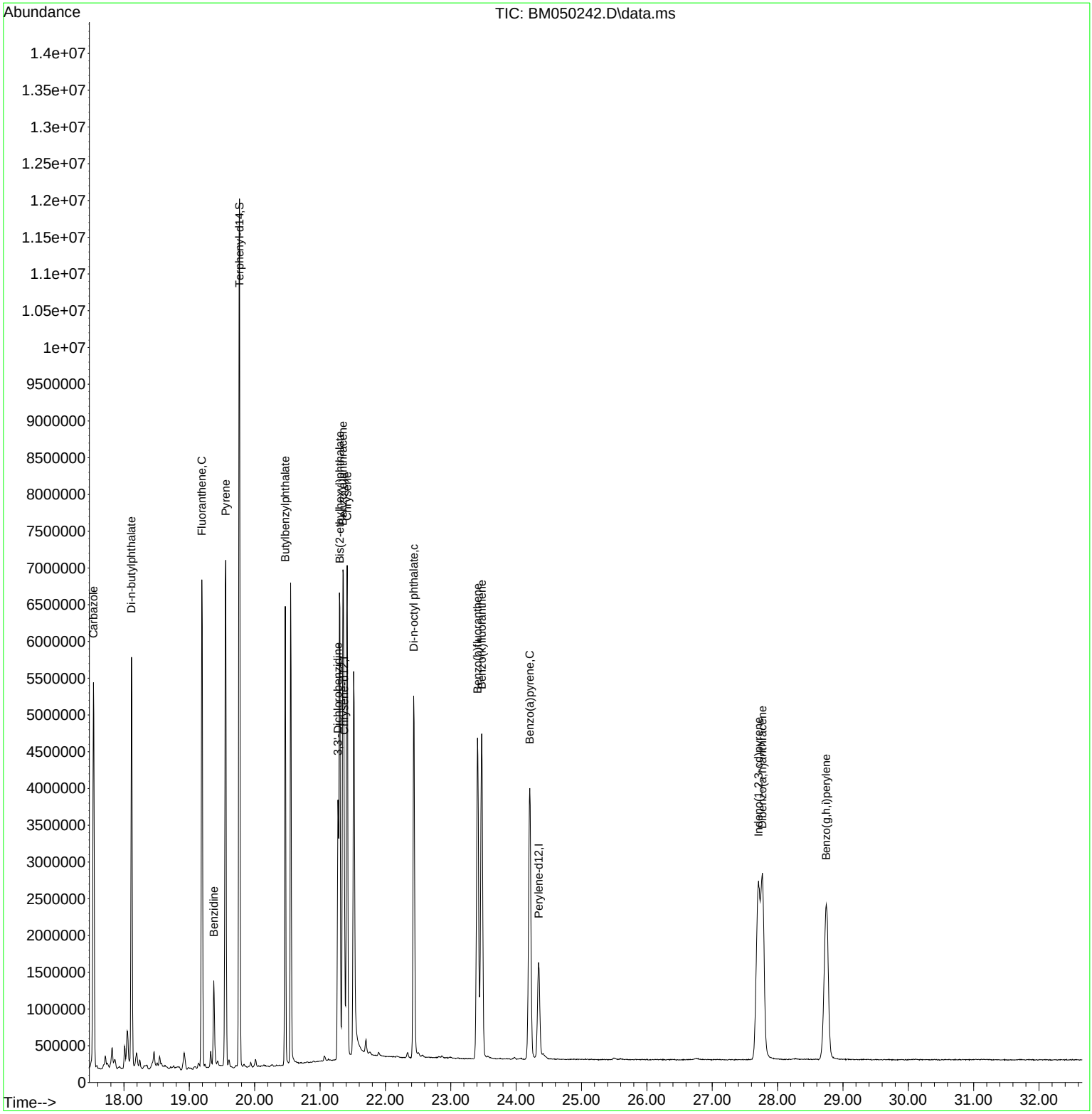
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050242.D
Acq On : 09 Jun 2025 14:47
Operator : RC/JU
Sample : Q2125-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 09 16:20:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GSB3MSD

Manual Integrations APPROVED

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



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Manual Integration Report

Sequence:	BM060525	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM050195.D	2,3,4,6-Tetrachlorophenol	Rahul	6/6/2025 12:19:17 PM	Jagrut	6/6/2025 1:16:08 PM	Peak Integrated by Software
SSTDICC005	BM050195.D	Benzaldehyde	Rahul	6/6/2025 12:19:17 PM	Jagrut	6/6/2025 1:16:08 PM	Peak Integrated by Software
SSTDICC010	BM050196.D	2,3,4,6-Tetrachlorophenol	Rahul	6/5/2025 4:48:25 PM	Jagrut	6/6/2025 1:16:10 PM	Peak Integrated by Software
SSTDICC020	BM050197.D	Benzaldehyde	Rahul	6/6/2025 12:19:19 PM	Jagrut	6/6/2025 1:16:13 PM	Peak Integrated by Software
SSTDICCC040	BM050198.D	2,3,4,6-Tetrachlorophenol	Rahul	6/5/2025 4:48:28 PM	Jagrut	6/6/2025 1:16:15 PM	Peak Integrated by Software
SSTDICV040	BM050202.D	Benzaldehyde	Rahul	6/5/2025 4:48:30 PM	Jagrut	6/6/2025 1:16:18 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bm060925	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BM050236.D	2,3,4,6-Tetrachlorophenol	Rahul	6/10/2025 5:09:05 PM	Jagrut	6/10/2025 5:10:15 PM	Peak Integrated by Software
PB168340BS	BM050238.D	Acenaphthene	Rahul	6/10/2025 5:09:07 PM	Jagrut	6/10/2025 5:10:18 PM	Peak Integrated by Software
PB168340BS	BM050238.D	Caprolactam	Rahul	6/10/2025 5:09:07 PM	Jagrut	6/10/2025 5:10:18 PM	Peak Integrated by Software
Q2125-08MS	BM050241.D	2,3,4,6-Tetrachlorophenol	Rahul	6/10/2025 5:09:10 PM	Jagrut	6/10/2025 5:10:21 PM	Peak Integrated by Software
Q2125-08MS	BM050241.D	Acenaphthene	Rahul	6/10/2025 5:09:10 PM	Jagrut	6/10/2025 5:10:21 PM	Peak Integrated by Software
Q2125-08MSD	BM050242.D	Acenaphthene	Rahul	6/10/2025 5:09:12 PM	Jagrut	6/10/2025 5:10:23 PM	Peak Integrated by Software
SSTDCCC040	BM050245.D	2,3,4,6-Tetrachlorophenol	Rahul	6/10/2025 5:09:14 PM	Jagrut	6/10/2025 5:10:26 PM	Peak Integrated by Software
SSTDCCC040	BM050262.D	2,3,4,6-Tetrachlorophenol	Rahul	6/10/2025 5:09:18 PM	Jagrut	6/10/2025 5:10:33 PM	Peak Integrated by Software

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060525

Review By	Rahul	Review On	6/6/2025 12:27:19 PM				
Supervise By	Jagrut	Supervise On	6/6/2025 1:16:37 PM				
SubDirectory	BM060525	HP Acquire Method	BNA_M		HP Processing Method	bm060525	

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050193.D	05 Jun 2025 08:40	RC/JU	Ok
2	SSTDICC2.5	BM050194.D	05 Jun 2025 09:20	RC/JU	Ok
3	SSTDICC005	BM050195.D	05 Jun 2025 09:59	RC/JU	Ok,M
4	SSTDICC010	BM050196.D	05 Jun 2025 10:38	RC/JU	Ok,M
5	SSTDICC020	BM050197.D	05 Jun 2025 11:17	RC/JU	Ok,M
6	SSTDICCC040	BM050198.D	05 Jun 2025 11:57	RC/JU	Ok,M
7	SSTDICC050	BM050199.D	05 Jun 2025 12:36	RC/JU	Ok
8	SSTDICC060	BM050200.D	05 Jun 2025 13:16	RC/JU	Ok
9	SSTDICC080	BM050201.D	05 Jun 2025 13:56	RC/JU	Ok
10	SSTDICV040	BM050202.D	05 Jun 2025 14:36	RC/JU	Ok,M
11	PB168224TB	BM050203.D	05 Jun 2025 16:35	RC/JU	Ok
12	SP6794	BM050204.D	05 Jun 2025 17:15	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060925

Review By	Rahul	Review On	6/10/2025 5:10:05 PM				
Supervise By	Jagrut	Supervise On	6/10/2025 5:10:49 PM				
SubDirectory	BM060925	HP Acquire Method	BNA_M		HP Processing Method	BM060625	

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050235.D	09 Jun 2025 10:07	RC/JU	Ok
2	SSTDCCC040	BM050236.D	09 Jun 2025 10:47	RC/JU	Ok,M
3	PB168340BL	BM050237.D	09 Jun 2025 11:26	RC/JU	Ok
4	PB168340BS	BM050238.D	09 Jun 2025 12:05	RC/JU	Ok,M
5	PB168340TB	BM050239.D	09 Jun 2025 12:44	RC/JU	Ok
6	Q2125-08	BM050240.D	09 Jun 2025 13:29	RC/JU	Ok
7	Q2125-08MS	BM050241.D	09 Jun 2025 14:08	RC/JU	Ok,M
8	Q2125-08MSD	BM050242.D	09 Jun 2025 14:47	RC/JU	Ok,M
9	Q2226-04	BM050243.D	09 Jun 2025 15:39	RC/JU	Ok
10	DFTPP	BM050244.D	09 Jun 2025 16:24	RC/JU	Ok
11	SSTDCCC040	BM050245.D	09 Jun 2025 17:03	RC/JU	Ok,M
12	PB168311TB	BM050246.D	09 Jun 2025 17:43	RC/JU	Ok
13	Q2227-04	BM050247.D	09 Jun 2025 18:22	RC/JU	Ok
14	Q2236-07	BM050248.D	09 Jun 2025 19:01	RC/JU	Ok
15	Q2228-04	BM050249.D	09 Jun 2025 19:40	RC/JU	Ok
16	Q2226-04MS	BM050250.D	09 Jun 2025 20:19	RC/JU	Ok,M
17	Q2226-04MSD	BM050251.D	09 Jun 2025 20:58	RC/JU	Ok
18	Q2235-03	BM050252.D	09 Jun 2025 21:38	RC/JU	Ok
19	Q2236-03	BM050253.D	09 Jun 2025 22:17	RC/JU	Ok
20	Q2236-11	BM050254.D	09 Jun 2025 22:56	RC/JU	Ok
21	Q2236-15	BM050255.D	09 Jun 2025 23:35	RC/JU	Ok

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060925

Review By	Rahul	Review On	6/10/2025 5:10:05 PM		
Supervise By	Jagrut	Supervise On	6/10/2025 5:10:49 PM		
SubDirectory	BM060925	HP Acquire Method	BNA_M	HP Processing Method	BM060625

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

22	Q2236-19	BM050256.D	10 Jun 2025 00:15	RC/JU	Ok,M
23	Q2241-04	BM050257.D	10 Jun 2025 00:54	RC/JU	Ok
24	Q2241-08	BM050258.D	10 Jun 2025 01:33	RC/JU	Ok
25	Q2260-04	BM050259.D	10 Jun 2025 02:12	RC/JU	Ok
26	Q2265-04	BM050260.D	10 Jun 2025 02:51	RC/JU	Ok
27	DFTPP	BM050261.D	10 Jun 2025 04:09	RC/JU	Ok
28	SSTDCCC040	BM050262.D	10 Jun 2025 04:48	RC/JU	Ok,M
29	PB168352BL	BM050263.D	10 Jun 2025 05:28	RC/JU	Ok
30	PB168352BS	BM050264.D	10 Jun 2025 06:07	RC/JU	Ok,M
31	PB168333TB	BM050265.D	10 Jun 2025 06:46	RC/JU	Ok
32	Q2242-04	BM050266.D	10 Jun 2025 07:25	RC/JU	Ok
33	Q2244-04	BM050267.D	10 Jun 2025 08:04	RC/JU	Ok
34	Q2266-04	BM050268.D	10 Jun 2025 08:43	RC/JU	Ok
35	Q2266-08	BM050269.D	10 Jun 2025 09:22	RC/JU	ReRun
36	Q2240-04	BM050270.D	10 Jun 2025 10:01	RC/JU	Ok
37	Q2240-08	BM050271.D	10 Jun 2025 10:41	RC/JU	Ok
38	Q2240-12	BM050272.D	10 Jun 2025 11:20	RC/JU	Ok
39	Q2231-02DL	BM050273.D	10 Jun 2025 11:59	RC/JU	Dilution
40	Q2202-03DL	BM050274.D	10 Jun 2025 12:38	RC/JU	Ok
41	Q2231-02DL2	BM050275.D	10 Jun 2025 13:28	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060525

Review By	Rahul	Review On	6/6/2025 12:27:19 PM		
Supervise By	Jagrut	Supervise On	6/6/2025 1:16:37 PM		
SubDirectory	BM060525	HP Acquire Method	BNA_M	HP Processing Method	bm060525

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050193.D	05 Jun 2025 08:40		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050194.D	05 Jun 2025 09:20		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050195.D	05 Jun 2025 09:59	Compound #32,54,65,77 removed from 5PPM	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM050196.D	05 Jun 2025 10:38	Compound #54 kept on QR	RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050197.D	05 Jun 2025 11:17		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050198.D	05 Jun 2025 11:57	The compound # 85 failed in the Calibration.	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BM050199.D	05 Jun 2025 12:36		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BM050200.D	05 Jun 2025 13:16		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050201.D	05 Jun 2025 13:56	Compound #9 removed from 80PPM	RC/JU	Ok
10	SSTDICV040	ICVBM060525	BM050202.D	05 Jun 2025 14:36		RC/JU	Ok,M
11	PB168224TB	PB168224TB	BM050203.D	05 Jun 2025 16:35		RC/JU	Ok
12	SP6794	SP6794	BM050204.D	05 Jun 2025 17:15		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060925

Review By	Rahul	Review On	6/10/2025 5:10:05 PM		
Supervise By	Jagrut	Supervise On	6/10/2025 5:10:49 PM		
SubDirectory	BM060925	HP Acquire Method	BNA_M	HP Processing Method	BM060625

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050235.D	09 Jun 2025 10:07		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050236.D	09 Jun 2025 10:47		RC/JU	Ok,M
3	PB168340BL	PB168340BL	BM050237.D	09 Jun 2025 11:26		RC/JU	Ok
4	PB168340BS	PB168340BS	BM050238.D	09 Jun 2025 12:05		RC/JU	Ok,M
5	PB168340TB	PB168340TB	BM050239.D	09 Jun 2025 12:44		RC/JU	Ok
6	Q2125-08	GSB3	BM050240.D	09 Jun 2025 13:29		RC/JU	Ok
7	Q2125-08MS	GSB3MS	BM050241.D	09 Jun 2025 14:08		RC/JU	Ok,M
8	Q2125-08MSD	GSB3MSD	BM050242.D	09 Jun 2025 14:47		RC/JU	Ok,M
9	Q2226-04	TP06-MHI-WC	BM050243.D	09 Jun 2025 15:39		RC/JU	Ok
10	DFTPP	DFTPP	BM050244.D	09 Jun 2025 16:24		RC/JU	Ok
11	SSTDCCC040	SSTDCCC040	BM050245.D	09 Jun 2025 17:03		RC/JU	Ok,M
12	PB168311TB	PB168311TB	BM050246.D	09 Jun 2025 17:43		RC/JU	Ok
13	Q2227-04	TP07-MHH-WC	BM050247.D	09 Jun 2025 18:22		RC/JU	Ok
14	Q2236-07	WC-A2-04-C	BM050248.D	09 Jun 2025 19:01		RC/JU	Ok
15	Q2228-04	TP08-MHI-WC	BM050249.D	09 Jun 2025 19:40		RC/JU	Ok
16	Q2226-04MS	TP06-MHI-WCMS	BM050250.D	09 Jun 2025 20:19		RC/JU	Ok,M
17	Q2226-04MSD	TP06-MHI-WCMSD	BM050251.D	09 Jun 2025 20:58		RC/JU	Ok
18	Q2235-03	WC-A2-08-C	BM050252.D	09 Jun 2025 21:38		RC/JU	Ok

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060925

Review By	Rahul	Review On	6/10/2025 5:10:05 PM		
Supervise By	Jagrut	Supervise On	6/10/2025 5:10:49 PM		
SubDirectory	BM060925	HP Acquire Method	BNA_M	HP Processing Method	BM060625

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

19	Q2236-03	WC-A4-05A-C	BM050253.D	09 Jun 2025 22:17		RC/JU	Ok
20	Q2236-11	WC-A2-05-C	BM050254.D	09 Jun 2025 22:56		RC/JU	Ok
21	Q2236-15	WC-A2-06-C	BM050255.D	09 Jun 2025 23:35		RC/JU	Ok
22	Q2236-19	WC-A2-07-C	BM050256.D	10 Jun 2025 00:15		RC/JU	Ok,M
23	Q2241-04	TP-N	BM050257.D	10 Jun 2025 00:54		RC/JU	Ok
24	Q2241-08	TP-S	BM050258.D	10 Jun 2025 01:33		RC/JU	Ok
25	Q2260-04	TP10-MHG-WC	BM050259.D	10 Jun 2025 02:12		RC/JU	Ok
26	Q2265-04	TP11-MHL-WC	BM050260.D	10 Jun 2025 02:51		RC/JU	Ok
27	DFTPP	DFTPP	BM050261.D	10 Jun 2025 04:09		RC/JU	Ok
28	SSTDCCC040	SSTDCCC040	BM050262.D	10 Jun 2025 04:48		RC/JU	Ok,M
29	PB168352BL	PB168352BL	BM050263.D	10 Jun 2025 05:28		RC/JU	Ok
30	PB168352BS	PB168352BS	BM050264.D	10 Jun 2025 06:07		RC/JU	Ok,M
31	PB168333TB	PB168333TB	BM050265.D	10 Jun 2025 06:46		RC/JU	Ok
32	Q2242-04	TP09-MHJ	BM050266.D	10 Jun 2025 07:25		RC/JU	Ok
33	Q2244-04	TP03-MHC	BM050267.D	10 Jun 2025 08:04		RC/JU	Ok
34	Q2266-04	WC-3	BM050268.D	10 Jun 2025 08:43		RC/JU	Ok
35	Q2266-08	WC-5	BM050269.D	10 Jun 2025 09:22	Internal Standard Failed & Surrogates failed for low IS recoveries.	RC/JU	ReRun
36	Q2240-04	TP-3	BM050270.D	10 Jun 2025 10:01		RC/JU	Ok

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060925

Review By	Rahul	Review On	6/10/2025 5:10:05 PM		
Supervise By	Jagrut	Supervise On	6/10/2025 5:10:49 PM		
SubDirectory	BM060925	HP Acquire Method	BNA_M	HP Processing Method	BM060625

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

37	Q2240-08	TP-2	BM050271.D	10 Jun 2025 10:41		RC/JU	Ok
38	Q2240-12	TP-1	BM050272.D	10 Jun 2025 11:20		RC/JU	Ok
39	Q2231-02DL	MW-14-20250604DL	BM050273.D	10 Jun 2025 11:59	Need further 5X dilution	RC/JU	Dilution
40	Q2202-03DL	MW-12-20250603DL	BM050274.D	10 Jun 2025 12:38		RC/JU	Ok
41	Q2231-02DL2	MW-14-20250604DL2	BM050275.D	10 Jun 2025 13:28		RC/JU	Ok

M : Manual Integration

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SPLP EXTRACTION LOGPAGE

PB168273

SOP ID : M1312-SPLP-10

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-2

TCLP Filter ID : 115525

Start Prep Date : 06/04/2025 **Time :** 15:00

End Prep Date : 06/05/2025 **Time :** 09:20

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ 10

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : IZ

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
SPLP FLUID	WP112802	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
N/A	N/A	N/A
1 Liter Amber	N/A	90924-08
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

TUMBLER T-2 checked,30 rpm.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06105125 1130	JP Ref 20 cm	RS 1E+r
	Preparation Group	Analysis Group DOP

Alliance TECHNICAL GROUP

SPLP EXTRACTION LOGPAGE

PB168273

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168273TB	LEB273	17	N/A	2000	N/A	N/A	N/A	4.23	N/A	T-2
Q2125-08	GSB3	16	100.05	2000	N/A	N/A	N/A	5.0	N/A	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168273TB	LEB273	N/A	N/A	N/A	N/A	N/A	N/A
Q2125-08	GSB3	N/A	N/A	N/A	N/A	100	N/A

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SPLP Fluid Determination

PB168273

Hot Block ID : N/A

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB168273TB	LEB273	N/A	N/A	N/A	N/A	#1	4.23
Q2125-08	GSB3	N/A	N/A	N/A	N/A	#1	4.23

WORKLIST(Hardcopy Internal Chain)

WorkList Name : splp q2125 **WorkList ID :** 189937 **Department :** TCLP Extraction **Date :** 06-04-2025 13:17:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2125-08	GSB3	Solid	SPLP Extraction	1:1 HNO3 to pH < 2	GENV01		05/23/2025	1312

Date/Time 06/04/25 13:25

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 06/04/25 17:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

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EXTRACTION LOGPAGE

PB168340

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

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 06/06/2025

Extraction Start Time : 09:15

Extraction End Date : 06/06/2025

Extraction End Time : 14:15

Concentration By: EH

Supervisor By : rajesh

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6794
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3939
Baked Na2SO4	N/A	EP2620
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:

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

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/6/25	RS (Ext-Lab)	JY/SVOC
16:20	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168340

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

Concentration Date: 06/06/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168340BL	PB168340BL	SPLP BNA Group1	1000	6	RUPESH	ritesh	1			SEP-1
PB168340BS	PB168340BS	SPLP BNA Group1	1000	6	RUPESH	ritesh	1			2
PB168340TB	PB168340TB	SPLP BNA Group1	1000	6	RUPESH	ritesh	1			3
Q2125-08	GSB3	SPLP BNA Group1	1000	6	RUPESH	ritesh	1	A		4
Q2125-08MS	GSB3MS	SPLP BNA Group1	1000	6	RUPESH	ritesh	1	A		5
Q2125-08MSD	GSB3MSD	SPLP BNA Group1	1000	6	RUPESH	ritesh	1	A		6

RS
6/6

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

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SPLP EXTRACTION LOGPAGE

PB168273

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168273TB	LEB273	17	N/A	2000	N/A	N/A	N/A	4.23	N/A	T-2
Q2125-08	GSB3	16	100.05	2000	N/A	N/A	N/A	5.0	N/A	T-2

06/05/25
11:30

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LAB CHRONICLE

OrderID:	Q2125	**OrderDate:**	5/23/2025 11:50:35 AM
Client:	G Environmental	**Project:**	Seely
Contact:	Gary Landis	**Location:**	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2125-08	**GSB3**	**Water**			**05/23/25**			**05/23/25**
			SPLP BNA Group1	8270E		06/06/25	06/09/25	

SAMPLE DATA

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Report of Analysis

Client:	G Environmental		Date Collected:	05/23/25	
Project:	Seely		Date Received:	05/23/25	
Client Sample ID:	GSB1		SDG No.:	Q2125	
Lab Sample ID:	Q2125-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.3	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
05/28/25 09:35	05/29/25 10:18	PB168182

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	1740		50	50.8	224	mg/kg	FC069045.D
Total EPH	Total EPH	1740			50.8	224	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:	05/23/25	
Project:	Seely		Date Received:	05/23/25	
Client Sample ID:	GSB1		SDG No.:	Q2125	
Lab Sample ID:	Q2125-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.3	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069033.D	1	05/28/25	05/28/25	PB168182

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28		Aliphatic C9-C28	1470	E	1.02	4.47	mg/kg
Aliphatic C28-C40		Aliphatic C28-C40	11.1		1.32	2.24	mg/kg
SURROGATES							
3383-33-2		1-chlorooctadecane (SURR)	42.7		40 - 140	85%	SPK: 50
84-15-1		ortho-Terphenyl (SURR)	37.8		40 - 140	76%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2125-01	Acq On:	28 May 2025 16:01
Client Sample ID:	GSB1	Operator:	YP/AJ
Data file:	FC069033.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.339	6.638	175739057	1660	300	ug/ml
Aliphatic C12-C16	6.639	10.038	1032023439	10100	200	ug/ml
Aliphatic C16-C21	10.039	13.404	745685410	7620	300	ug/ml
Aliphatic C21-C28	13.405	17.066	28999431	309.149	400	ug/ml
Aliphatic C28-C40	17.067	22.060	14011861	148.369	600	ug/ml
Aliphatic EPH	3.339	22.060	1996459198	19900		ug/ml
ortho-Terphenyl (SURR)	11.724	11.724	4667008	37.84		ug/ml
1-chlorooctadecane (SURR)	13.145	13.145	3834019	42.74		ug/ml
Aliphatic C9-C28	3.339	17.066	1982447337	19700	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:	05/23/25	
Project:	Seely		Date Received:	05/23/25	
Client Sample ID:	GSB1DL		SDG No.:	Q2125	
Lab Sample ID:	Q2125-01DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.3	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069045.D	50	05/28/25	05/29/25	PB168182

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	1740		50.8	224	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	65.9	U	65.9	111	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2125-01DL	Acq On:	29 May 2025 10:18
Client Sample ID:	GSB1DL	Operator:	YP/AJ
Data file:	FC069045.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.340	6.639	4593712	43.453	300	ug/ml
Aliphatic C12-C16	6.640	10.038	27301823	267.703	200	ug/ml
Aliphatic C16-C21	10.039	13.405	15390186	157.259	300	ug/ml
Aliphatic C21-C28	13.406	17.069	391277	4.171	400	ug/ml
Aliphatic C28-C40	17.070	22.063	133813	1.417	600	ug/ml
Aliphatic EPH	3.340	22.063	47810811	474.003		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.340	17.069	47676998	472.586	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:	05/23/25	
Project:	Seely		Date Received:	05/23/25	
Client Sample ID:	GSB2		SDG No.:	Q2125	
Lab Sample ID:	Q2125-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.2	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
05/28/25 09:35	05/28/25 16:39	PB168182

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	5.83		1	1.03	4.53	mg/kg	FC069034.D
Total EPH	Total EPH	5.83			1.03	4.53	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:	05/23/25	
Project:	Seely		Date Received:	05/23/25	
Client Sample ID:	GSB2		SDG No.:	Q2125	
Lab Sample ID:	Q2125-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.2	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069034.D	1	05/28/25	05/28/25	PB168182

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.83		1.03	4.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.18		1.34	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.8		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.5		40 - 140	83%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2125-02	Acq On:	28 May 2025 16:39
Client Sample ID:	GSB2	Operator:	YP/AJ
Data file:	FC069034.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.339	6.638	338961	3.206	300	ug/ml
Aliphatic C12-C16	6.639	10.038	720238	7.062	200	ug/ml
Aliphatic C16-C21	10.039	13.404	5038486	51.484	300	ug/ml
Aliphatic C21-C28	13.405	17.066	1442800	15.381	400	ug/ml
Aliphatic C28-C40	17.067	22.060	6482246	68.639	600	ug/ml
Aliphatic EPH	3.339	22.060	14022731	145.773		ug/ml
ortho-Terphenyl (SURR)	11.707	11.707	5112894	41.45		ug/ml
1-chlorooctadecane (SURR)	13.140	13.140	4022116	44.83		ug/ml
Aliphatic C9-C28	3.339	17.066	7540485	77.133	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:	05/23/25	
Project:	Seely		Date Received:	05/23/25	
Client Sample ID:	GSB3		SDG No.:	Q2125	
Lab Sample ID:	Q2125-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.3	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
05/28/25 09:35	05/29/25 10:55	PB168182

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	2560		50	51.4	226	mg/kg	FC069046.D
Total EPH	Total EPH	2560			51.4	226	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:	05/23/25	
Project:	Seely		Date Received:	05/23/25	
Client Sample ID:	GSB3		SDG No.:	Q2125	
Lab Sample ID:	Q2125-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.3	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069035.D	1	05/28/25	05/28/25	PB168182

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		2250	E	1.03	4.51	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		5.43		1.33	2.26	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		61.8		40 - 140	124%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		50.2		40 - 140	100%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2125-03	Acq On:	28 May 2025 17:17
Client Sample ID:	GSB3	Operator:	YP/AJ
Data file:	FC069035.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.339	6.638	232464004	2200	300	ug/ml
Aliphatic C12-C16	6.639	10.038	1615087479	15800	200	ug/ml
Aliphatic C16-C21	10.039	13.404	1117364580	11400	300	ug/ml
Aliphatic C21-C28	13.405	17.066	40071720	427.186	400	ug/ml
Aliphatic C28-C40	17.067	22.060	6810539	72.116	600	ug/ml
Aliphatic EPH	3.339	22.060	3011798322	30000		ug/ml
ortho-Terphenyl (SURR)	11.734	11.734	6196727	50.24		ug/ml
1-chlorooctadecane (SURR)	13.149	13.149	5540280	61.75		ug/ml
Aliphatic C9-C28	3.339	17.066	3004987783	29900	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:	05/23/25	
Project:	Seely		Date Received:	05/23/25	
Client Sample ID:	GSB3DL		SDG No.:	Q2125	
Lab Sample ID:	Q2125-03DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.3	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069046.D	50	05/28/25	05/29/25	PB168182

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	2560		51.4	226	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	66.6	U	66.6	112	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2125-03DL	Acq On:	29 May 2025 10:55
Client Sample ID:	GSB3DL	Operator:	YP/AJ
Data file:	FC069046.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.340	6.639	5758996	54.475	300	ug/ml
Aliphatic C12-C16	6.640	10.038	41920078	411.04	200	ug/ml
Aliphatic C16-C21	10.039	13.405	21043830	215.029	300	ug/ml
Aliphatic C21-C28	13.406	17.069	289851	3.09	400	ug/ml
Aliphatic C28-C40	17.070	22.063	136299	1.443	600	ug/ml
Aliphatic EPH	3.340	22.063	69149054	685.077		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.340	17.069	69012755	683.634	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	05/23/25
Project:	Seely			Date Received:	05/23/25
Client Sample ID:	GSB4			SDG No.:	Q2125
Lab Sample ID:	Q2125-04			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	93.3
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
05/28/25 09:35	05/28/25 17:54	PB168182

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	2.60	J	1	0.97	4.28	mg/kg	FC069036.D
Total EPH	Total EPH	2.60	J		0.97	4.28	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:	05/23/25	
Project:	Seely		Date Received:	05/23/25	
Client Sample ID:	GSB4		SDG No.:	Q2125	
Lab Sample ID:	Q2125-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	93.3	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069036.D	1	05/28/25	05/28/25	PB168182

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		2.60	J	0.97	4.28	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		3.83		1.26	2.14	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		46.4		40 - 140	93%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		43.4		40 - 140	87%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2125-04	Acq On:	28 May 2025 17:54
Client Sample ID:	GSB4	Operator:	YP/AJ
Data file:	FC069036.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.339	6.638	462682	4.377	300	ug/ml
Aliphatic C12-C16	6.639	10.038	744541	7.3	200	ug/ml
Aliphatic C16-C21	10.039	13.404	949232	9.699	300	ug/ml
Aliphatic C21-C28	13.405	17.066	1425737	15.199	400	ug/ml
Aliphatic C28-C40	17.067	22.060	5074625	53.734	600	ug/ml
Aliphatic EPH	3.339	22.060	8656817	90.31		ug/ml
ortho-Terphenyl (SURR)	11.708	11.708	5347810	43.36		ug/ml
1-chlorooctadecane (SURR)	13.140	13.140	4165506	46.43		ug/ml
Aliphatic C9-C28	3.339	17.066	3582192	36.575	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:	05/23/25	
Project:	Seely		Date Received:	05/23/25	
Client Sample ID:	GSB5		SDG No.:	Q2125	
Lab Sample ID:	Q2125-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
05/28/25 09:35	05/29/25 11:33	PB168182

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	226		5	5.22	23.0	mg/kg	FC069047.D
Total EPH	Total EPH	226			5.22	23.0	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:	05/23/25	
Project:	Seely		Date Received:	05/23/25	
Client Sample ID:	GSB5		SDG No.:	Q2125	
Lab Sample ID:	Q2125-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069037.D	1	05/28/25	05/28/25	PB168182

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		210	E	1.04	4.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		3.91		1.36	2.30	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		39.3		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		38.5		40 - 140	77%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2125-05	Acq On:	28 May 2025 18:31
Client Sample ID:	GSB5	Operator:	YP/AJ
Data file:	FC069037.D	Misc:	
Instrument:	FID_C	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.339	6.638	18297011	173.075	300	ug/ml
Aliphatic C12-C16	6.639	10.038	138896873	1360	200	ug/ml
Aliphatic C16-C21	10.039	13.404	113499969	1160	300	ug/ml
Aliphatic C21-C28	13.405	17.066	5084428	54.203	400	ug/ml
Aliphatic C28-C40	17.067	22.060	4816690	51.003	600	ug/ml
Aliphatic EPH	3.339	22.060	280594971	2800		ug/ml
ortho-Terphenyl (SURR)	11.709	11.709	4750316	38.51		ug/ml
1-chlorooctadecane (SURR)	13.140	13.140	3522060	39.26		ug/ml
Aliphatic C9-C28	3.339	17.066	275778281	2750	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:	05/23/25	
Project:	Seely		Date Received:	05/23/25	
Client Sample ID:	GSB5DL		SDG No.:	Q2125	
Lab Sample ID:	Q2125-05DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069047.D	5	05/28/25	05/29/25	PB168182

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	226		5.22	23.0	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.78	U	6.78	11.5	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	8.08		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	7.50		40 - 140	75%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2125-05DL	Acq On:	29 May 2025 11:33
Client Sample ID:	GSB5DL	Operator:	YP/AJ
Data file:	FC069047.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.340	6.639	3737379	35.353	300	ug/ml
Aliphatic C12-C16	6.640	10.038	29754407	291.752	200	ug/ml
Aliphatic C16-C21	10.039	13.405	24769171	253.095	300	ug/ml
Aliphatic C21-C28	13.406	17.069	1034258	11.026	400	ug/ml
Aliphatic C28-C40	17.070	22.063	823849	8.724	600	ug/ml
Aliphatic EPH	3.340	22.063	60119064	599.948		ug/ml
ortho-Terphenyl (SURR)	11.703	11.703	924753	7.5		ug/ml
1-chlorooctadecane (SURR)	13.137	13.137	725007	8.08		ug/ml
Aliphatic C9-C28	3.340	17.069	59295215	591.226	1200	ug/ml

QC SUMMARY

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM CASE No.: Q2125 SAS No.: Q2125 SDG No.: Q2125

Run Number: FC052825AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB168182BL	72	68		0
PB168182BS	85	79		0
PB168182BSD	82	76		0
GSB1	85	76		0
GSB2	90	83		0
GSB3	124	100		0
GSB4	93	87		0
GSB5	79	77		0
GSB5MS	62	61		0
GSB5MSD	60	58		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM CASE No.: Q2125 SAS No.: Q2125 SDG No.: Q2125

Run Number: FC052925AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
GSB1DL	0 *	0 *		2
GSB3DL	0 *	0 *		2
GSB5DL	81	75		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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SOIL EPH SURROGATE RECOVERY

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	Chemtech			**Client:**	G Environmental		
Lab Code:	CHEM	**Cas No:**	Q2125	**SAS No :**	Q2125	**SDG No:**	Q2125
Sample No :	Q2125-05MS	**Datafile:**	FC069038.D	**Client ID :**	GSB5MS		

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	34.4	3.91	28.3	71		(40-140)
Aliphatic C9-C28	114.7	210	241	27	*	(40-140)

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SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	Chemtech			**Client:**	G Environmental		
Lab Code:	CHEM	**Cas No:**	Q2125	**SAS No :**	Q2125	**SDG No:**	Q2125
Sample No :	Q2125-05MSD	**Datafile:**	FC069039.D	**Client ID :**	GSB5MSD		

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	34.4	3.91	30.1	76		7.07 |	(40-140)	50
Aliphatic C9-C28	114.7	210	239	25	*	7.6 |	(40-140)	50

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SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q2125 **SAS No :** Q2125 **SDG No:** Q2125

Sample No : PB168182BS **Datafile:** FC069031.D **Client ID :** PB168182BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	30.0	23.6	79		(40-140)
Aliphatic C9-C28	99.9	79.0	79		(40-140)

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SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q2125 **SAS No :** Q2125 **SDG No:** Q2125

Sample No : PB168182BSD **Datafile:** FC069032.D **Client ID :** PB168182BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	30.0	21.7	72		8.4|	(40-140)	25
Aliphatic C9-C28	100.1	75.9	76		3.7|	(40-140)	25

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4B

METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168182BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

Instrument ID: FID_C Lab Sample ID: PB168182BL

Matrix: (soil/water) Solid Date Extracted: 5/28/2025 9:35:00 A

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB168182BS	PB168182BS
PB168182BSD	PB168182BSD
GSB1	Q2125-01
GSB2	Q2125-02
GSB3	Q2125-03
GSB4	Q2125-04
GSB5	Q2125-05
GSB5MS	Q2125-05MS
GSB5MSD	Q2125-05MSD

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Seely			Date Received:	
Client Sample ID:	PB168182BL			SDG No.:	Q2125
Lab Sample ID:	PB168182BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
05/28/25 09:35	05/28/25 14:08	PB168182

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	FC069030.D
Total EPH	Total EPH	0.91	U		0.91	4.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Seely		Date Received:		
Client Sample ID:	PB168182BL		SDG No.:	Q2125	
Lab Sample ID:	PB168182BL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069030.D	1	05/28/25	05/28/25	PB168182

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.9		40 - 140	72%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.9		40 - 140	68%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168182BL	Acq On:	28 May 2025 14:08
Client Sample ID:	PB168182BL	Operator:	YP/AJ
Data file:	FC069030.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.339	6.638	0	0	300	ug/ml
Aliphatic C12-C16	6.639	10.038	0	0	200	ug/ml
Aliphatic C16-C21	10.039	13.404	0	0	300	ug/ml
Aliphatic C21-C28	13.405	17.066	0	0	400	ug/ml
Aliphatic C28-C40	17.067	22.060	0	0	600	ug/ml
Aliphatic EPH	3.339	22.060	0	0		ug/ml
ortho-Terphenyl (SURR)	11.706	11.706	4180455	33.89		ug/ml
1-chlorooctadecane (SURR)	13.139	13.139	3217371	35.86		ug/ml
Aliphatic C9-C28	3.339	17.066	0	0	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Seely		Date Received:		
Client Sample ID:	PB168182BS		SDG No.:	Q2125	
Lab Sample ID:	PB168182BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
05/28/25 09:35	05/28/25 14:46	PB168182

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	79.0		1	0.91	3.99	mg/kg	FC069031.D
Total EPH	Total EPH	79.0			0.91	3.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Seely		Date Received:		
Client Sample ID:	PB168182BS		SDG No.:	Q2125	
Lab Sample ID:	PB168182BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069031.D	1	05/28/25	05/28/25	PB168182

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	79.0		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	23.6		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.6		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.4		40 - 140	79%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168182BS	Acq On:	28 May 2025 14:46
Client Sample ID:	PB168182BS	Operator:	YP/AJ
Data file:	FC069031.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.339	6.638	22014737	208.241	300	ug/ml
Aliphatic C12-C16	6.639	10.038	27614549	270.77	200	ug/ml
Aliphatic C16-C21	10.039	13.404	30222427	308.817	300	ug/ml
Aliphatic C21-C28	13.405	17.066	37359587	398.273	400	ug/ml
Aliphatic C28-C40	17.067	22.060	33452926	354.228	600	ug/ml
Aliphatic EPH	3.339	22.060	150664226	1540		ug/ml
ortho-Terphenyl (SURR)	11.707	11.707	4860614	39.41		ug/ml
1-chlorooctadecane (SURR)	13.140	13.140	3820055	42.58		ug/ml
Aliphatic C9-C28	3.339	17.066	117211300	1190	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Seely		Date Received:		
Client Sample ID:	PB168182BSD		SDG No.:	Q2125	
Lab Sample ID:	PB168182BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
05/28/25 09:35	05/28/25 15:24	PB168182

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	75.9		1	0.91	4.00	mg/kg	FC069032.D
Total EPH	Total EPH	75.9			0.91	4.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Seely		Date Received:		
Client Sample ID:	PB168182BSD		SDG No.:	Q2125	
Lab Sample ID:	PB168182BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069032.D	1	05/28/25	05/28/25	PB168182

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	75.9		0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.7		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.2		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.1		40 - 140	76%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168182BSD	Acq On:	28 May 2025 15:24
Client Sample ID:	PB168182BSD	Operator:	YP/AJ
Data file:	FC069032.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.339	6.638	21688252	205.153	300	ug/ml
Aliphatic C12-C16	6.639	10.038	26550579	260.337	200	ug/ml
Aliphatic C16-C21	10.039	13.404	28785148	294.131	300	ug/ml
Aliphatic C21-C28	13.405	17.066	35471472	378.145	400	ug/ml
Aliphatic C28-C40	17.067	22.060	30769174	325.81	600	ug/ml
Aliphatic EPH	3.339	22.060	143264625	1460		ug/ml
ortho-Terphenyl (SURR)	11.708	11.708	4694412	38.06		ug/ml
1-chlorooctadecane (SURR)	13.140	13.140	3699949	41.24		ug/ml
Aliphatic C9-C28	3.339	17.066	112495451	1140	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Seely			Date Received:	
Client Sample ID:	GSB5MS			SDG No.:	Q2125
Lab Sample ID:	Q2125-05MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	87
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
05/28/25 09:35	05/28/25 19:09	PB168182

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	242	E	1	1.04	4.59	mg/kg	FC069038.D
Total EPH	Total EPH	242			1.04	4.59	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Seely		Date Received:		
Client Sample ID:	GSB5MS		SDG No.:	Q2125	
Lab Sample ID:	Q2125-05MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069038.D	1	05/28/25	05/28/25	PB168182

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		242	E	1.04	4.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		28.3		1.35	2.29	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		31.2		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		30.6		40 - 140	61%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2125-05MS	Acq On:	28 May 2025 19:09
Client Sample ID:	GSB5MS	Operator:	YP/AJ
Data file:	FC069038.D	Misc:	
Instrument:	FID_C	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.339	6.638	33405567	315.989	300	ug/ml
Aliphatic C12-C16	6.639	10.038	134755448	1320	200	ug/ml
Aliphatic C16-C21	10.039	13.404	112873615	1150	300	ug/ml
Aliphatic C21-C28	13.405	17.066	34445368	367.206	400	ug/ml
Aliphatic C28-C40	17.067	22.060	34909931	369.656	600	ug/ml
Aliphatic EPH	3.339	22.060	350389929	3530		ug/ml
ortho-Terphenyl (SURR)	11.709	11.709	3773295	30.59		ug/ml
1-chlorooctadecane (SURR)	13.140	13.140	2799762	31.21		ug/ml
Aliphatic C9-C28	3.339	17.066	315479998	3160	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Seely			Date Received:	
Client Sample ID:	GSB5MSD			SDG No.:	Q2125
Lab Sample ID:	Q2125-05MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	87
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
05/28/25 09:35	05/28/25 19:46	PB168182

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	239	E	1	1.04	4.59	mg/kg	FC069039.D
Total EPH	Total EPH	239			1.04	4.59	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Seely		Date Received:		
Client Sample ID:	GSB5MSD		SDG No.:	Q2125	
Lab Sample ID:	Q2125-05MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87	
Sample Wt/Vol:	30.07 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069039.D	1	05/28/25	05/28/25	PB168182

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		239	E	1.04	4.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		30.1		1.35	2.29	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		29.8		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		28.9		40 - 140	58%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2125-05MSD	Acq On:	28 May 2025 19:46
Client Sample ID:	GSB5MSD	Operator:	YP/AJ
Data file:	FC069039.D	Misc:	
Instrument:	FID_C	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.339	6.638	34135858	322.897	300	ug/ml
Aliphatic C12-C16	6.639	10.038	131129190	1290	200	ug/ml
Aliphatic C16-C21	10.039	13.404	110519682	1130	300	ug/ml
Aliphatic C21-C28	13.405	17.066	36508617	389.201	400	ug/ml
Aliphatic C28-C40	17.067	22.060	37174227	393.632	600	ug/ml
Aliphatic EPH	3.339	22.060	349467574	3520		ug/ml
ortho-Terphenyl (SURR)	11.708	11.708	3569626	28.94		ug/ml
1-chlorooctadecane (SURR)	13.139	13.139	2676937	29.84		ug/ml
Aliphatic C9-C28	3.339	17.066	312293347	3130	1200	ug/ml

CALIBRATION SUMMARY

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Inital Calibration Report for SequenceID : FC052425AL

AreaCount

Parameter Range	FC068998.D	FC068999.D	FC069000.D	FC069001.D	FC069002.D	
Aliphatic C9-C12	30972986.000	14697820.000	6552580.000	3389981.000	1577245.000	
Aliphatic C12-C16	19730095.000	9409770.000	4233296.000	2174844.000	1026044.000	
Aliphatic C16-C21	27989044.000	13592271.000	6091143.000	3134146.000	1491343.000	
Aliphatic C21-C28	35203824.000	17414178.000	7749092.000	4002009.000	1940505.000	
Aliphatic C28-C40	51848700.000	25927287.000	11552782.000	6038750.000	3073121.000	
Aliphatic EPH	165744649.000	81041326.000	36178893.000	18739730.000	9108258.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	105717.490666	5.423				
Aliphatic C12-C16	101985.435	5.679				
Aliphatic C16-C21	97865.0806664	5.889				
Aliphatic C21-C28	93803.915	6.254				
Aliphatic C28-C40	94439.0346664	8.107				
Aliphatic EPH	97587.1362218	6.302				

Concentration

Parameter Range	FC068998.D	FC068999.D	FC069000.D	FC069001.D	FC069002.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FC068998.D	FC068999.D	FC069000.D	FC069001.D	FC069002.D	
Aliphatic C9-C12	103243.286666	97985.466666	109209.666666	112999.366666	105149.666666	
Aliphatic C12-C16	98650.475000	94097.700000	105832.400000	108742.200000	102604.400000	
Aliphatic C16-C21	93296.813333	90615.140000	101519.050000	104471.533333	99422.866666	

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Inital Calibration Report for SequenceID : FC052425AL

Aliphatic C21-C28	88009.560000	87070.890000	96863.650000	100050.225000	97025.250000	
Aliphatic C28-C40	86414.500000	86424.290000	96273.183333	100645.833333	102437.366666	
Aliphatic EPH	92080.360555	90045.917777	100496.925000	104109.611111	101202.866666	

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Continuing Calibration Report for SequenceID : FC052825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069029.D**						
Aliphatic C9-C12	6313437.000	60.000	3.339	6.638	105223.950	105717.491	0.467
Aliphatic C12-C16	4039143.000	40.000	6.639	10.038	100978.575	101985.435	0.987
Aliphatic C16-C21	5809366.000	60.000	10.039	13.404	96822.767	97865.081	1.065
Aliphatic C21-C28	7842342.000	80.000	13.405	17.066	98029.275	93803.915	-4.504
Aliphatic C28-C40	11834102.000	120.000	17.067	22.060	98617.517	94439.035	-4.425
Aliphatic EPH	35838390.000	360.000	3.339	22.060	99551.083	97587.136	-2.013

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	28 May 2025 13:31
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069029.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.339	6.638	6313437.000	60.000	ug/ml
Aliphatic C12-C16	6.639	10.038	4039143.000	40.000	ug/ml
Aliphatic C16-C21	10.039	13.404	5809366.000	60.000	ug/ml
Aliphatic C21-C28	13.405	17.066	7842342.000	80.000	ug/ml
Aliphatic C28-C40	17.067	22.060	11834102.000	120.000	ug/ml
Aliphatic EPH	3.339	22.060	35838390.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FC052825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069041.D**						
Aliphatic C9-C12	6298433.000	60.000	3.339	6.638	104973.883	105717.491	0.703
Aliphatic C12-C16	3921712.000	40.000	6.639	10.038	98042.800	101985.435	3.866
Aliphatic C16-C21	5539983.000	60.000	10.039	13.404	92333.050	97865.081	5.653
Aliphatic C21-C28	7504980.000	80.000	13.405	17.066	93812.250	93803.915	-0.009
Aliphatic C28-C40	11206658.000	120.000	17.067	22.060	93388.817	94439.035	1.112
Aliphatic EPH	34471766.000	360.000	3.339	22.060	95754.906	97587.136	1.878

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	28 May 2025 21:37
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069041.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.339	6.638	6298433.000	60.000	ug/ml
Aliphatic C12-C16	6.639	10.038	3921712.000	40.000	ug/ml
Aliphatic C16-C21	10.039	13.404	5539983.000	60.000	ug/ml
Aliphatic C21-C28	13.405	17.066	7504980.000	80.000	ug/ml
Aliphatic C28-C40	17.067	22.060	11206658.000	120.000	ug/ml
Aliphatic EPH	3.339	22.060	34471766.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FC052925AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069044.D**						
Aliphatic C9-C12	6533923.000	60.000	3.340	6.639	108898.717	105717.491	-3.009
Aliphatic C12-C16	4085377.000	40.000	6.640	10.038	102134.425	101985.435	-0.146
Aliphatic C16-C21	5764892.000	60.000	10.039	13.405	96081.533	97865.081	1.822
Aliphatic C21-C28	7723703.000	80.000	13.406	17.069	96546.288	93803.915	-2.924
Aliphatic C28-C40	11446094.000	120.000	17.070	22.063	95384.117	94439.035	-1.001
Aliphatic EPH	35553989.000	360.000	3.340	22.063	98761.081	97587.136	-1.203

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	29 May 2025 09:40
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069044.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.340	6.639	6533923.000	60.000	ug/ml
Aliphatic C12-C16	6.640	10.038	4085377.000	40.000	ug/ml
Aliphatic C16-C21	10.039	13.405	5764892.000	60.000	ug/ml
Aliphatic C21-C28	13.406	17.069	7723703.000	80.000	ug/ml
Aliphatic C28-C40	17.070	22.063	11446094.000	120.000	ug/ml
Aliphatic EPH	3.340	22.063	35553989.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FC052925AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069049.D**						
Aliphatic C9-C12	6414070.000	60.000	3.340	6.639	106901.167	105717.491	-1.120
Aliphatic C12-C16	4116698.000	40.000	6.640	10.038	102917.450	101985.435	-0.914
Aliphatic C16-C21	5871755.000	60.000	10.039	13.405	97862.583	97865.081	0.003
Aliphatic C21-C28	7782994.000	80.000	13.406	17.069	97287.425	93803.915	-3.714
Aliphatic C28-C40	11520103.000	120.000	17.070	22.063	96000.858	94439.035	-1.654
Aliphatic EPH	35705620.000	360.000	3.340	22.063	99182.278	97587.136	-1.635

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	29 May 2025 12:48
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069049.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.340	6.639	6414070.000	60.000	ug/ml
Aliphatic C12-C16	6.640	10.038	4116698.000	40.000	ug/ml
Aliphatic C16-C21	10.039	13.405	5871755.000	60.000	ug/ml
Aliphatic C21-C28	13.406	17.069	7782994.000	80.000	ug/ml
Aliphatic C28-C40	17.070	22.063	11520103.000	120.000	ug/ml
Aliphatic EPH	3.340	22.063	35705620.000	360.000	ug/ml

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069033.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 16:01
Operator : YP/AJ
Sample : Q2125-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e
Quant Time: May 29 05:45:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.724	4667008	37.837 ug/mlm
Spiked Amount 50.000		Recovery =	75.67%
12) S 1-chlorooctadecane (S...	13.145	3834019	42.736 ug/ml
Spiked Amount 50.000		Recovery =	85.47%
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

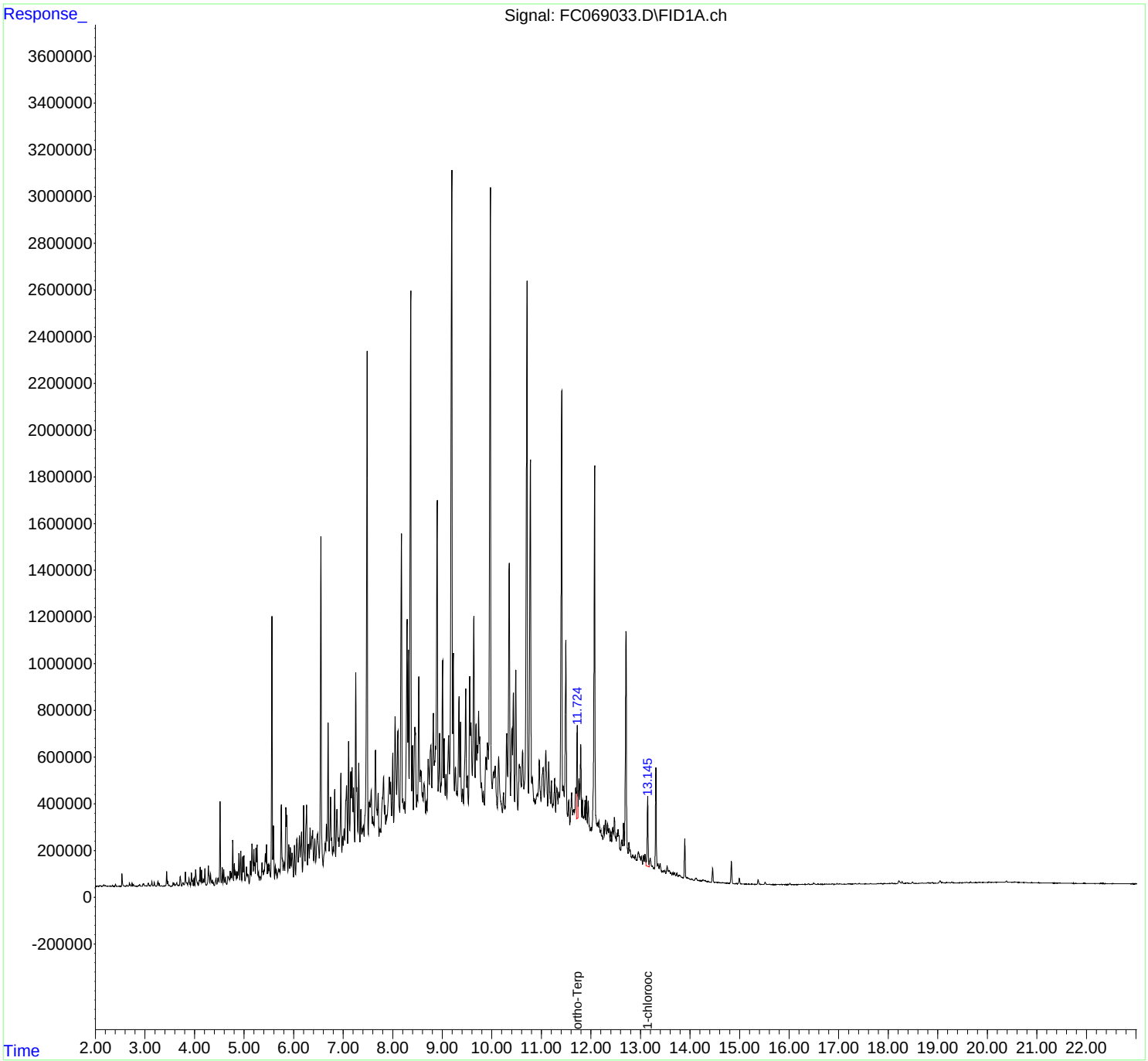
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069033.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 16:01
Operator : YP/AJ
Sample : Q2125-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

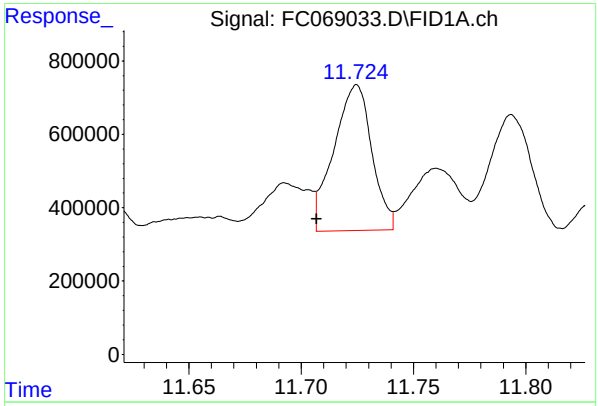
Instrument :
FID_C
ClientSampleId :
GSB1

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e
Quant Time: May 29 05:45:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





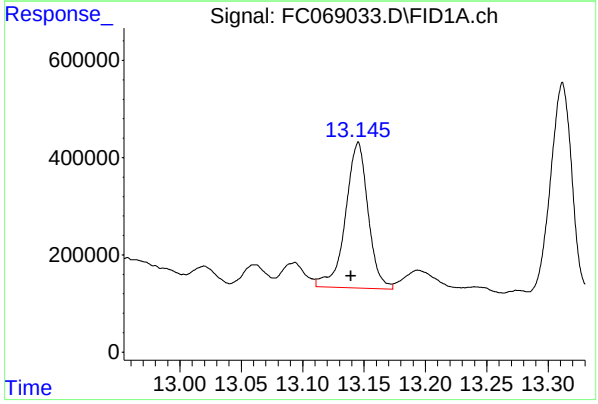
#9 ortho-Terphenyl (SURR)

R.T.: 11.724 min
Delta R.T.: 0.017 min
Response: 4667008
Conc: 37.84 ug/ml

Instrument :
FID_C
ClientSampleId :
GSB1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025



#12 1-chlorooctadecane (SURR)

R.T.: 13.145 min
Delta R.T.: 0.006 min
Response: 3834019
Conc: 42.74 ug/ml

Instrument :
FID_C
ClientSampleId :
GSB1

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC05282
Data File : FC069033.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 16:01
Sample : Q2125-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.261	3.233	3.275	PV	21533	245758	0.43%	0.012%
2	3.285	3.275	3.305	VV	13238	117769	0.21%	0.006%
3	3.333	3.305	3.358	VV	2439	40951	0.07%	0.002%
4	3.387	3.358	3.401	PV	3970	39853	0.07%	0.002%
5	3.438	3.401	3.452	VV	64312	607577	1.07%	0.030%
6	3.460	3.452	3.476	VV	21786	185743	0.33%	0.009%
7	3.487	3.476	3.521	VV	6384	71367	0.13%	0.004%
8	3.541	3.521	3.550	PV	2067	18759	0.03%	0.001%
9	3.569	3.550	3.582	VV	15588	161336	0.28%	0.008%
10	3.592	3.582	3.607	VV	12369	120187	0.21%	0.006%
11	3.640	3.607	3.672	VV	14971	290701	0.51%	0.014%
12	3.711	3.672	3.741	VV	41162	618772	1.09%	0.031%
13	3.768	3.741	3.787	VV	14902	253530	0.45%	0.013%
14	3.815	3.787	3.861	VV	61109	937889	1.65%	0.047%
15	3.888	3.861	3.922	VV	35104	596583	1.05%	0.030%
16	3.938	3.922	3.973	VV	59058	769193	1.35%	0.038%
17	3.989	3.973	4.004	VV	34849	312341	0.55%	0.015%
18	4.023	4.004	4.078	VV	71281	1192310	2.10%	0.059%
19	4.114	4.078	4.129	VV	83385	1090327	1.92%	0.054%
20	4.142	4.129	4.161	VV	70332	737155	1.30%	0.037%
21	4.178	4.161	4.191	VV	30689	395968	0.70%	0.020%
22	4.210	4.191	4.233	VV	76108	849720	1.49%	0.042%
23	4.280	4.233	4.308	VV	86944	1395074	2.45%	0.069%
24	4.323	4.308	4.348	VV	54708	718195	1.26%	0.036%
25	4.361	4.348	4.400	VV	25470	430433	0.76%	0.021%
26	4.433	4.400	4.452	VV	34028	546214	0.96%	0.027%
27	4.473	4.452	4.492	VV	35592	553168	0.97%	0.027%
28	4.516	4.492	4.542	VV	358096	3599088	6.33%	0.179%
29	4.561	4.542	4.575	VV	80044	808521	1.42%	0.040%
30	4.590	4.575	4.608	VV	71582	774478	1.36%	0.038%
31	4.622	4.608	4.650	VV	37007	505450	0.89%	0.025%
32	4.676	4.650	4.703	VV	41440	929049	1.63%	0.046%
33	4.720	4.703	4.732	VV	65634	789049	1.39%	0.039%
34	4.743	4.732	4.754	VV	54202	605562	1.07%	0.030%
35	4.772	4.754	4.789	VV	196647	2058502	3.62%	0.102%
36	4.804	4.789	4.839	VV	97042	1767974	3.11%	0.088%

Page 1

Instrument :
FID_C
ClientSampleId :
GSB1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

rteres

37	4.851	4.839	4.862	VV	63014	654341	1.15%	0.032%
38	4.897	4.862	4.914	VV	141268	2207679	3	
39	4.934	4.914	4.954	VV	151668	1942536	3	
40	4.972	4.954	4.985	VV	126524	1396248	2	
41	4.998	4.985	5.019	VV	130628	1533870	2	
42	5.049	5.019	5.102	VV	83002	2217889	3	
43	5.129	5.102	5.142	VV	108241	1283877	2.26%	0.064%
44	5.161	5.142	5.185	VV	181855	2924921	5.14%	0.145%
45	5.198	5.185	5.227	VV	157749	2518297	4.43%	0.125%
46	5.241	5.227	5.251	VV	162126	1652480	2.91%	0.082%
47	5.262	5.251	5.307	VV	177310	2861057	5.03%	0.142%
48	5.322	5.307	5.341	VV	42335	728068	1.28%	0.036%
49	5.362	5.341	5.391	VV	101233	1940093	3.41%	0.096%
50	5.430	5.391	5.440	VV	138730	2665035	4.69%	0.132%
51	5.453	5.440	5.470	VV	179044	2138425	3.76%	0.106%
52	5.487	5.470	5.501	VV	95520	1442893	2.54%	0.072%
53	5.511	5.501	5.534	VV	90557	1294475	2.28%	0.064%
54	5.563	5.534	5.581	VV	1138657	12157492	21.38%	0.603%
55	5.593	5.581	5.615	VV	257110	3124949	5.50%	0.155%
56	5.631	5.615	5.668	VV	87693	1895438	3.33%	0.094%
57	5.698	5.668	5.709	VV	72217	1425389	2.51%	0.071%
58	5.718	5.709	5.727	VV	69229	697493	1.23%	0.035%
59	5.751	5.727	5.789	VV	347796	5965680	10.49%	0.296%
60	5.808	5.789	5.821	VV	102185	1657298	2.92%	0.082%
61	5.845	5.821	5.855	VV	338104	4394292	7.73%	0.218%
62	5.862	5.855	5.884	VV	301296	3293088	5.79%	0.163%
63	5.903	5.884	5.920	VV	177027	2637436	4.64%	0.131%
64	5.934	5.920	5.951	VV	164577	2233058	3.93%	0.111%
65	5.970	5.951	5.998	VV	140889	2819734	4.96%	0.140%
66	6.018	5.998	6.040	VV	174253	2641304	4.65%	0.131%
67	6.065	6.040	6.092	VV	201442	4264886	7.50%	0.212%
68	6.118	6.092	6.134	VV	215722	4056049	7.13%	0.201%
69	6.159	6.134	6.179	VV	232053	4216430	7.42%	0.209%
70	6.203	6.179	6.230	VV	344950	5531109	9.73%	0.274%
71	6.261	6.230	6.280	VV	348436	6810943	11.98%	0.338%
72	6.298	6.280	6.317	VV	177244	3339622	5.87%	0.166%
73	6.334	6.317	6.350	VV	248742	3755379	6.61%	0.186%
74	6.383	6.350	6.405	VV	239139	6027691	10.60%	0.299%
75	6.428	6.405	6.447	VV	202780	3791401	6.67%	0.188%
76	6.483	6.447	6.518	VV	225032	7253082	12.76%	0.360%
77	6.551	6.518	6.595	VV	1497756	21170300	37.24%	1.050%
78	6.637	6.595	6.647	VV	182020	4447262	7.82%	0.221%
79	6.663	6.647	6.676	VV	262852	3707157	6.52%	0.184%
80	6.697	6.676	6.718	VV	699914	9426748	16.58%	0.468%
81	6.747	6.718	6.786	VV	381759	9302995	16.36%	0.462%
82	6.829	6.786	6.849	VV	412152	8537103	15.02%	0.424%
83	6.874	6.849	6.917	VV	328498	9315349	16.39%	0.462%
84	6.954	6.917	6.975	VV	483690	9461505	16.64%	0.469%
85	6.989	6.975	7.000	VV	211992	2833416	4.98%	0.141%
86	7.019	7.000	7.033	VV	244441	4143340	7.29%	0.206%
87	7.068	7.033	7.091	VV	429043	11113618	19.55%	0.551%
88	7.111	7.091	7.133	VV	618028	9598775	16.88%	0.476%
89	7.153	7.133	7.166	VV	483919	7336906	12.91%	0.364%

Instrument :
FID_C
ClientSampleId :
GSB1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

rteres

90	7.180	7.166	7.197	VV	508510	7852624	13.81%	0.390%
91	7.210	7.197	7.233	VV	420244	6904022	12	
92	7.255	7.233	7.296	VV	912423	17500508	30	
93	7.315	7.296	7.339	VV	526503	8880182	15	
94	7.358	7.339	7.375	VV	328643	5647515	9	
95	7.407	7.375	7.422	VV	257109	6752268	11	
96	7.484	7.422	7.506	VV	2271356	37810108	66.51%	1.876%
97	7.527	7.506	7.548	VV	357952	8024504	14.11%	0.398%
98	7.566	7.548	7.587	VV	409630	8217090	14.45%	0.408%
99	7.598	7.587	7.623	VV	296740	5868481	10.32%	0.291%
100	7.652	7.623	7.689	VV	581765	15416206	27.12%	0.765%
101	7.706	7.689	7.725	VV	399739	6909270	12.15%	0.343%
102	7.816	7.725	7.859	VV	469420	25360374	44.61%	1.258%
103	7.871	7.859	7.880	VV	300728	3675006	6.46%	0.182%
104	7.933	7.880	7.948	VV	464011	15442702	27.16%	0.766%
105	7.958	7.948	7.979	VV	445380	6893912	12.13%	0.342%
106	8.001	7.979	8.021	VV	567806	10190145	17.92%	0.506%
107	8.049	8.021	8.079	VV	723997	17107727	30.09%	0.849%
108	8.104	8.079	8.144	VV	663301	18147995	31.92%	0.900%
109	8.176	8.144	8.222	VV	1513308	31894267	56.10%	1.583%
110	8.238	8.222	8.251	VV	360924	5884510	10.35%	0.292%
111	8.290	8.251	8.304	VV	1147086	21858068	38.45%	1.085%
112	8.316	8.304	8.331	VV	1015837	12135832	21.35%	0.602%
113	8.363	8.331	8.384	VV	2565173	40958968	72.04%	2.032%
114	8.400	8.384	8.418	VV	600476	9857142	17.34%	0.489%
115	8.449	8.418	8.482	VV	677338	20115477	35.38%	0.998%
116	8.527	8.482	8.550	VV	894738	21491633	37.80%	1.066%
117	8.563	8.550	8.615	VV	495443	16861618	29.66%	0.837%
118	8.632	8.615	8.665	VV	435452	11962039	21.04%	0.594%
119	8.681	8.665	8.693	VV	360772	5744606	10.10%	0.285%
120	8.717	8.693	8.739	VV	534814	12288837	21.62%	0.610%
121	8.769	8.739	8.790	VV	598306	16132348	28.38%	0.800%
122	8.820	8.790	8.850	VV	737431	20514843	36.08%	1.018%
123	8.897	8.850	8.918	VV	1650147	34957168	61.49%	1.735%
124	8.946	8.918	8.966	VV	645256	14576340	25.64%	0.723%
125	9.007	8.966	9.026	VV	967771	21469683	37.76%	1.065%
126	9.039	9.026	9.059	VV	628385	10252775	18.03%	0.509%
127	9.076	9.059	9.094	VV	476688	8911904	15.68%	0.442%
128	9.128	9.094	9.146	VV	642724	16105876	28.33%	0.799%
129	9.193	9.146	9.210	VV	3119764	56852501	100.00%	2.821%
130	9.223	9.210	9.246	VV	1000032	15264177	26.85%	0.757%
131	9.265	9.246	9.298	VV	506481	13711896	24.12%	0.680%
132	9.338	9.298	9.355	VV	804854	18818592	33.10%	0.934%
133	9.370	9.355	9.395	VV	703714	12342790	21.71%	0.612%
134	9.412	9.395	9.429	VV	412337	7861054	13.83%	0.390%
135	9.475	9.429	9.496	VV	839871	22361667	39.33%	1.110%
136	9.506	9.496	9.528	VV	468755	7965116	14.01%	0.395%
137	9.555	9.528	9.572	VV	893571	16719992	29.41%	0.830%
138	9.581	9.572	9.607	VV	696532	12608616	22.18%	0.626%
139	9.637	9.607	9.663	VV	1155426	24969193	43.92%	1.239%
140	9.682	9.663	9.698	VV	691644	12345103	21.71%	0.613%
141	9.735	9.698	9.785	VV	744004	30447848	53.56%	1.511%

Instrument :
FID_C
ClientSampleId :
GSB1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

rteres

142	9.794	9.785	9.816	VV	439154	7492668	13.18%	0.372%
143	9.829	9.816	9.851	VV	403369	7892243	13	
144	9.880	9.851	9.895	VV	545489	12623283	22	
145	9.914	9.895	9.933	VV	609334	12894240	22	
146	9.971	9.933	10.010	VV	2955729	56285348	99	
147	10.038	10.010	10.051	VV	487579	11215627	19	
148	10.069	10.051	10.111	VV	511974	15798737	27.79%	0.784%
149	10.139	10.111	10.214	VV	550796	24844589	43.70%	1.233%
150	10.237	10.214	10.259	VV	397856	9499104	16.71%	0.471%
151	10.300	10.259	10.321	VV	648906	17427879	30.65%	0.865%
152	10.352	10.321	10.378	VV	1378596	27876610	49.03%	1.383%
153	10.406	10.378	10.419	VV	669922	13783046	24.24%	0.684%
154	10.436	10.419	10.461	VV	822131	15448151	27.17%	0.767%
155	10.484	10.461	10.526	VV	921879	21806193	38.36%	1.082%
156	10.555	10.526	10.596	VV	518016	18926087	33.29%	0.939%
157	10.621	10.596	10.648	VV	573250	15052043	26.48%	0.747%
158	10.710	10.648	10.741	VV	2592728	56093008	98.66%	2.783%
159	10.780	10.741	10.805	VV	1839776	36720671	64.59%	1.822%
160	10.817	10.805	10.874	VV	463034	16651992	29.29%	0.826%
161	10.915	10.874	10.925	VV	391212	11342730	19.95%	0.563%
162	10.959	10.925	10.998	VV	534820	18594188	32.71%	0.923%
163	11.035	10.998	11.058	VV	504148	16130376	28.37%	0.800%
164	11.091	11.058	11.128	VV	576898	19306213	33.96%	0.958%
165	11.150	11.128	11.186	VV	523964	14605475	25.69%	0.725%
166	11.204	11.186	11.225	VV	446822	9177924	16.14%	0.455%
167	11.268	11.225	11.289	VV	456678	14402681	25.33%	0.715%
168	11.310	11.289	11.336	VV	413196	10651915	18.74%	0.529%
169	11.353	11.336	11.368	VV	398156	7333627	12.90%	0.364%
170	11.411	11.368	11.431	VV	2107614	38142952	67.09%	1.893%
171	11.441	11.431	11.461	VV	423549	7417869	13.05%	0.368%
172	11.494	11.461	11.531	VV	1045035	24453975	43.01%	1.213%
173	11.552	11.531	11.576	VV	360612	8496038	14.94%	0.422%
174	11.611	11.576	11.631	VV	396838	10995969	19.34%	0.546%
175	11.655	11.631	11.671	VV	323106	7685290	13.52%	0.381%
176	11.694	11.671	11.703	VV	413512	7168972	12.61%	0.356%
177	11.724	11.703	11.742	VV	684114	11625828	20.45%	0.577%
178	11.761	11.742	11.775	VV	455470	8119888	14.28%	0.403%
179	11.794	11.775	11.816	VV	601519	11151002	19.61%	0.553%
180	11.830	11.816	11.858	VV	363191	7935606	13.96%	0.394%
181	11.879	11.858	11.894	VV	361047	6885801	12.11%	0.342%
182	11.911	11.894	11.928	VV	382771	6608485	11.62%	0.328%
183	11.944	11.928	11.991	VV	360185	10701729	18.82%	0.531%
184	12.076	11.991	12.118	VV	1762434	40433657	71.12%	2.006%
185	12.128	12.118	12.141	VV	265682	3537819	6.22%	0.176%
186	12.162	12.141	12.188	VV	273517	7140097	12.56%	0.354%
187	12.196	12.188	12.240	VV	232110	6786009	11.94%	0.337%
188	12.261	12.240	12.275	VV	257329	4755676	8.36%	0.236%
189	12.295	12.275	12.318	VV	278374	6476717	11.39%	0.321%
190	12.335	12.318	12.355	VV	263631	5410301	9.52%	0.268%
191	12.368	12.355	12.388	VV	240798	4347730	7.65%	0.216%
192	12.403	12.388	12.420	VV	229130	4016718	7.07%	0.199%
193	12.440	12.420	12.461	VV	246051	5525979	9.72%	0.274%
194	12.475	12.461	12.511	VV	291188	6916123	12.17%	0.343%

Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

				rteres				
195	12.548	12.511	12.601	VV	239111	10650950	18.73%	0.528%
196	12.623	12.601	12.637	VV	193842	3756500		
197	12.658	12.637	12.674	VV	265681	4753233		
198	12.708	12.674	12.749	VV	1084536	19186131	33	
199	12.767	12.749	12.824	VV	180989	6607237	11	
200	12.843	12.824	12.880	VV	130138	4094430		
201	12.896	12.880	12.930	VV	130477	3423074	6.02%	0.170%
202	12.957	12.930	13.003	VV	141913	5480525	9.64%	0.272%
203	13.019	13.003	13.041	VV	124886	2483520	4.37%	0.123%
204	13.061	13.041	13.077	VV	127664	2363125	4.16%	0.117%
205	13.092	13.077	13.111	VV	131135	2367041	4.16%	0.117%
206	13.145	13.111	13.173	VV	376705	6783691	11.93%	0.337%
207	13.194	13.173	13.230	VV	116175	3353283	5.90%	0.166%
208	13.241	13.230	13.263	VV	81854	1554259	2.73%	0.077%
209	13.276	13.263	13.284	VV	74989	924185	1.63%	0.046%
210	13.312	13.284	13.337	VV	499869	7345659	12.92%	0.364%
211	13.354	13.337	13.376	VV	91315	1967607	3.46%	0.098%
212	13.396	13.376	13.441	VV	92355	2791010	4.91%	0.138%
213	13.460	13.441	13.474	VV	63782	1160292	2.04%	0.058%
214	13.489	13.474	13.510	VV	61689	1255600	2.21%	0.062%
215	13.538	13.510	13.564	VV	81023	2108974	3.71%	0.105%
216	13.583	13.564	13.604	VV	61125	1349771	2.37%	0.067%
217	13.615	13.604	13.634	VV	52545	875188	1.54%	0.043%
218	13.653	13.634	13.671	VV	52978	1068272	1.88%	0.053%
219	13.687	13.671	13.713	VV	53198	1194566	2.10%	0.059%
220	13.733	13.713	13.764	VV	51848	1316490	2.32%	0.065%
221	13.782	13.764	13.833	VV	41796	1580199	2.78%	0.078%
222	13.844	13.833	13.863	VV	33261	558710	0.98%	0.028%
223	13.893	13.863	13.938	VV	197525	3339960	5.87%	0.166%
224	13.951	13.938	13.966	VV	31432	501962	0.88%	0.025%
225	13.974	13.966	14.021	VV	28411	845875	1.49%	0.042%
226	14.037	14.021	14.083	VV	25875	841420	1.48%	0.042%
227	14.119	14.083	14.174	VV	29879	1270510	2.23%	0.063%
228	14.187	14.174	14.204	VV	19457	335551	0.59%	0.017%
229	14.223	14.204	14.238	VV	18372	362272	0.64%	0.018%
230	14.259	14.238	14.288	VV	22039	582201	1.02%	0.029%
231	14.304	14.288	14.350	VV	19040	602657	1.06%	0.030%
232	14.367	14.350	14.428	VV	15020	595681	1.05%	0.030%
233	14.454	14.428	14.501	VV	71042	1216296	2.14%	0.060%
234	14.523	14.501	14.542	VV	11387	271060	0.48%	0.013%
235	14.561	14.542	14.584	VV	10810	260933	0.46%	0.013%
236	14.586	14.584	14.611	VV	10349	153477	0.27%	0.008%
237	14.624	14.611	14.640	VV	9350	147076	0.26%	0.007%
238	14.659	14.640	14.731	VV	10028	452684	0.80%	0.022%
239	14.739	14.731	14.788	VV	7609	235384	0.41%	0.012%
240	14.833	14.788	14.872	VV	101711	1503770	2.65%	0.075%
241	14.889	14.872	14.912	VV	5176	118183	0.21%	0.006%
242	14.935	14.912	14.955	VV	7124	143383	0.25%	0.007%
243	14.994	14.955	15.021	VV	27582	465101	0.82%	0.023%
244	15.034	15.021	15.062	VV	4272	92964	0.16%	0.005%
245	15.090	15.062	15.117	VV	3962	114248	0.20%	0.006%
246	15.132	15.117	15.163	VV	2953	74187	0.13%	0.004%

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rteres

247	15.184	15.163	15.221	VV	2990	88735	0.16%	0.004%
248	15.242	15.221	15.274	VV	3006	80434		
249	15.278	15.274	15.298	VV	2371	29005		
250	15.334	15.298	15.345	VV	2189	56188		
251	15.373	15.345	15.444	VV	21061	375316		
252	15.452	15.444	15.474	VV	1591	23436		
253	15.514	15.474	15.558	VV	11123	200271	0.35%	0.010%
254	15.600	15.558	15.629	VV	2321	64361	0.11%	0.003%
255	15.647	15.629	15.677	VV	959	17450	0.03%	0.001%
256	15.699	15.677	15.730	VV	769	19820	0.03%	0.001%
257	15.779	15.730	15.816	VV	1395	44487	0.08%	0.002%
258	15.837	15.816	15.862	VV	1029	20803	0.04%	0.001%
259	15.891	15.862	15.931	VV	1165	27129	0.05%	0.001%
260	15.941	15.931	15.961	VV	488	6753	0.01%	0.000%
261	15.971	15.961	15.982	VV	410	4334	0.01%	0.000%
262	16.015	15.982	16.052	VV	5842	81324	0.14%	0.004%
263	16.074	16.052	16.138	VV	599	19908	0.04%	0.001%
264	16.153	16.138	16.170	VV	319	4732	0.01%	0.000%
265	16.212	16.170	16.248	PV	722	21492	0.04%	0.001%
266	16.269	16.248	16.302	VV	1231	26034	0.05%	0.001%
267	16.323	16.302	16.344	VV	1324	24479	0.04%	0.001%
268	16.387	16.344	16.438	VV	4295	94749	0.17%	0.005%
269	16.459	16.438	16.470	VV	1245	18685	0.03%	0.001%
270	16.496	16.470	16.544	VV	6502	130754	0.23%	0.006%
271	16.581	16.544	16.611	VV	3573	65926	0.12%	0.003%
272	16.627	16.611	16.645	VV	1574	23535	0.04%	0.001%
273	16.658	16.645	16.685	VV	1125	22288	0.04%	0.001%
274	16.744	16.685	16.777	VV	2420	78649	0.14%	0.004%
275	16.813	16.777	16.838	VV	2165	55730	0.10%	0.003%
276	16.870	16.838	16.906	VV	3690	77628	0.14%	0.004%
277	16.966	16.906	16.993	VV	4165	101146	0.18%	0.005%
278	17.019	16.993	17.067	VV	3459	98953	0.17%	0.005%
279	17.092	17.067	17.102	VV	1493	29345	0.05%	0.001%
280	17.119	17.102	17.140	VV	1691	32665	0.06%	0.002%
281	17.195	17.140	17.257	VV	3598	154450	0.27%	0.008%
282	17.267	17.257	17.276	VV	1674	17289	0.03%	0.001%
283	17.293	17.276	17.303	VV	1929	29051	0.05%	0.001%
284	17.333	17.303	17.362	VV	4423	105408	0.19%	0.005%
285	17.370	17.362	17.386	VV	2377	31373	0.06%	0.002%
286	17.415	17.386	17.448	VV	5208	115916	0.20%	0.006%
287	17.480	17.448	17.518	VV	2475	92341	0.16%	0.005%
288	17.538	17.518	17.575	VV	2797	82952	0.15%	0.004%
289	17.596	17.575	17.617	VV	2384	56320	0.10%	0.003%
290	17.641	17.617	17.675	VV	4304	101500	0.18%	0.005%
291	17.692	17.675	17.704	VV	2219	37213	0.07%	0.002%
292	17.719	17.704	17.741	VV	2243	46796	0.08%	0.002%
293	17.785	17.741	17.794	VV	3378	85152	0.15%	0.004%
294	17.810	17.794	17.831	VV	3525	71220	0.13%	0.004%
295	17.855	17.831	17.884	VV	4510	107010	0.19%	0.005%
296	17.916	17.884	17.929	VV	3755	83649	0.15%	0.004%
297	17.947	17.929	17.965	VV	3727	73042	0.13%	0.004%
298	17.974	17.965	17.981	VV	3002	29133	0.05%	0.001%
299	18.012	17.981	18.030	VV	3700	98745	0.17%	0.005%

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Manual IntegrationsAPPROVED

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rteres

300	18.073	18.030	18.123	VV	5993	225826	0.40%	0.011%
301	18.142	18.123	18.161	VV	3328	70956		
302	18.215	18.161	18.261	VV	15068	455920		
303	18.279	18.261	18.314	VV	11660	216834		
304	18.383	18.314	18.405	VV	6093	252481		
305	18.416	18.405	18.445	VV	4631	97910		
306	18.490	18.445	18.521	VV	9803	257302	0.45%	0.013%
307	18.528	18.521	18.538	VV	4039	38146	0.07%	0.002%
308	18.554	18.538	18.596	VV	4099	132302	0.23%	0.007%
309	18.632	18.596	18.656	VV	4715	151126	0.27%	0.007%
310	18.683	18.656	18.711	VV	5617	162281	0.29%	0.008%
311	18.725	18.711	18.738	VV	4300	66579	0.12%	0.003%
312	18.759	18.738	18.768	VV	4457	78580	0.14%	0.004%
313	18.799	18.768	18.839	VV	6152	229858	0.40%	0.011%
314	18.889	18.839	18.931	VV	7419	288992	0.51%	0.014%
315	18.942	18.931	18.968	VV	4690	97299	0.17%	0.005%
316	18.982	18.968	18.994	VV	4561	70481	0.12%	0.003%
317	19.046	18.994	19.079	VV	14622	438965	0.77%	0.022%
318	19.098	19.079	19.125	VV	7562	186771	0.33%	0.009%
319	19.140	19.125	19.152	VV	5935	92948	0.16%	0.005%
320	19.188	19.152	19.208	VV	7180	211648	0.37%	0.011%
321	19.227	19.208	19.251	VV	7417	164764	0.29%	0.008%
322	19.283	19.251	19.318	VV	9217	269477	0.47%	0.013%
323	19.327	19.318	19.342	VV	5580	78198	0.14%	0.004%
324	19.350	19.342	19.372	VV	5314	92697	0.16%	0.005%
325	19.407	19.372	19.418	VV	5477	142818	0.25%	0.007%
326	19.476	19.418	19.489	VV	5928	236876	0.42%	0.012%
327	19.515	19.489	19.523	VV	6257	120949	0.21%	0.006%
328	19.547	19.523	19.560	VV	6867	146568	0.26%	0.007%
329	19.580	19.560	19.628	VV	8322	270393	0.48%	0.013%
330	19.661	19.628	19.694	VV	8709	275189	0.48%	0.014%
331	19.730	19.694	19.748	VV	6883	199316	0.35%	0.010%
332	19.776	19.748	19.794	VV	6536	169715	0.30%	0.008%
333	19.825	19.794	19.836	VV	7662	169650	0.30%	0.008%
334	19.846	19.836	19.874	VV	7603	162016	0.28%	0.008%
335	19.904	19.874	19.913	VV	7139	162592	0.29%	0.008%
336	19.926	19.913	19.944	VV	7374	131544	0.23%	0.007%
337	19.955	19.944	19.981	VV	6830	146092	0.26%	0.007%
338	20.031	19.981	20.059	VV	8585	341925	0.60%	0.017%
339	20.104	20.059	20.125	VV	7948	286187	0.50%	0.014%
340	20.155	20.125	20.181	VV	7302	237519	0.42%	0.012%
341	20.196	20.181	20.204	VV	7385	99372	0.17%	0.005%
342	20.213	20.204	20.241	VV	7348	157686	0.28%	0.008%
343	20.248	20.241	20.258	VV	7192	71259	0.13%	0.004%
344	20.267	20.258	20.278	VV	7350	86147	0.15%	0.004%
345	20.289	20.278	20.303	VV	7328	112259	0.20%	0.006%
346	20.322	20.303	20.345	VV	7797	187350	0.33%	0.009%
347	20.383	20.345	20.424	VV	12013	419050	0.74%	0.021%
348	20.459	20.424	20.491	VV	7230	280154	0.49%	0.014%
349	20.494	20.491	20.504	VV	7011	55395	0.10%	0.003%
350	20.554	20.504	20.595	VV	8310	417089	0.73%	0.021%
351	20.605	20.595	20.668	VV	7016	285363	0.50%	0.014%

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rteres

352	20.693	20.668	20.745	VV	6178	273407	0.48%	0.014%
353	20.780	20.745	20.824	VV	6172	271268		
354	20.827	20.824	20.851	VV	5289	81777		
355	20.894	20.851	20.956	VV	5564	318316		
356	20.987	20.956	21.024	VV	4917	191503		
357	21.034	21.024	21.061	VV	4388	92174		
358	21.077	21.061	21.093	VV	4217	79863	0.14%	0.004%
359	21.113	21.093	21.180	VV	4107	201895	0.36%	0.010%
360	21.198	21.180	21.208	VV	3893	61725	0.11%	0.003%
361	21.218	21.208	21.267	VV	3796	124830	0.22%	0.006%
362	21.294	21.267	21.305	VV	3483	77143	0.14%	0.004%
363	21.314	21.305	21.391	VV	3307	158749	0.28%	0.008%
364	21.402	21.391	21.409	VV	2979	30967	0.05%	0.002%
365	21.451	21.409	21.611	VV	3233	325531	0.57%	0.016%
366	21.626	21.611	21.678	VV	2328	84163	0.15%	0.004%
367	21.699	21.678	21.728	VV	2219	59715	0.11%	0.003%
368	21.738	21.728	21.759	VV	2234	32916	0.06%	0.002%
369	21.767	21.759	21.808	VV	1794	46073	0.08%	0.002%
370	21.836	21.808	21.849	VV	1606	37099	0.07%	0.002%
371	21.861	21.849	21.891	VV	1593	37398	0.07%	0.002%
372	21.965	21.891	22.007	VV	1826	102765	0.18%	0.005%
373	22.031	22.007	22.080	VV	1180	43200	0.08%	0.002%
374	22.113	22.080	22.136	VV	1023	27780	0.05%	0.001%
375	22.145	22.136	22.221	VV	764	32910	0.06%	0.002%
376	22.254	22.221	22.281	VV	827	22624	0.04%	0.001%
377	22.283	22.281	22.314	VV	543	8083	0.01%	0.000%
378	22.320	22.314	22.371	VV	395	9592	0.02%	0.000%
379	22.382	22.371	22.401	VV	263	2896	0.01%	0.000%
380	22.412	22.401	22.424	VV	158	1300	0.00%	0.000%
381	22.438	22.424	22.454	VV	110	1052	0.00%	0.000%

Sum of corrected areas: 2015379439

Aliphatic EPH 052425.M Thu May 29 06:45:14 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052925AL\
Data File : FC069045.D
Signal(s) : FID1A.ch
Acq On : 29 May 2025 10:18
Operator : YP/AJ
Sample : Q2125-01DL 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB1DL

Integration File: autoint1.e
Quant Time: May 30 03:26:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc	Units

System Monitoring Compounds

Target Compounds

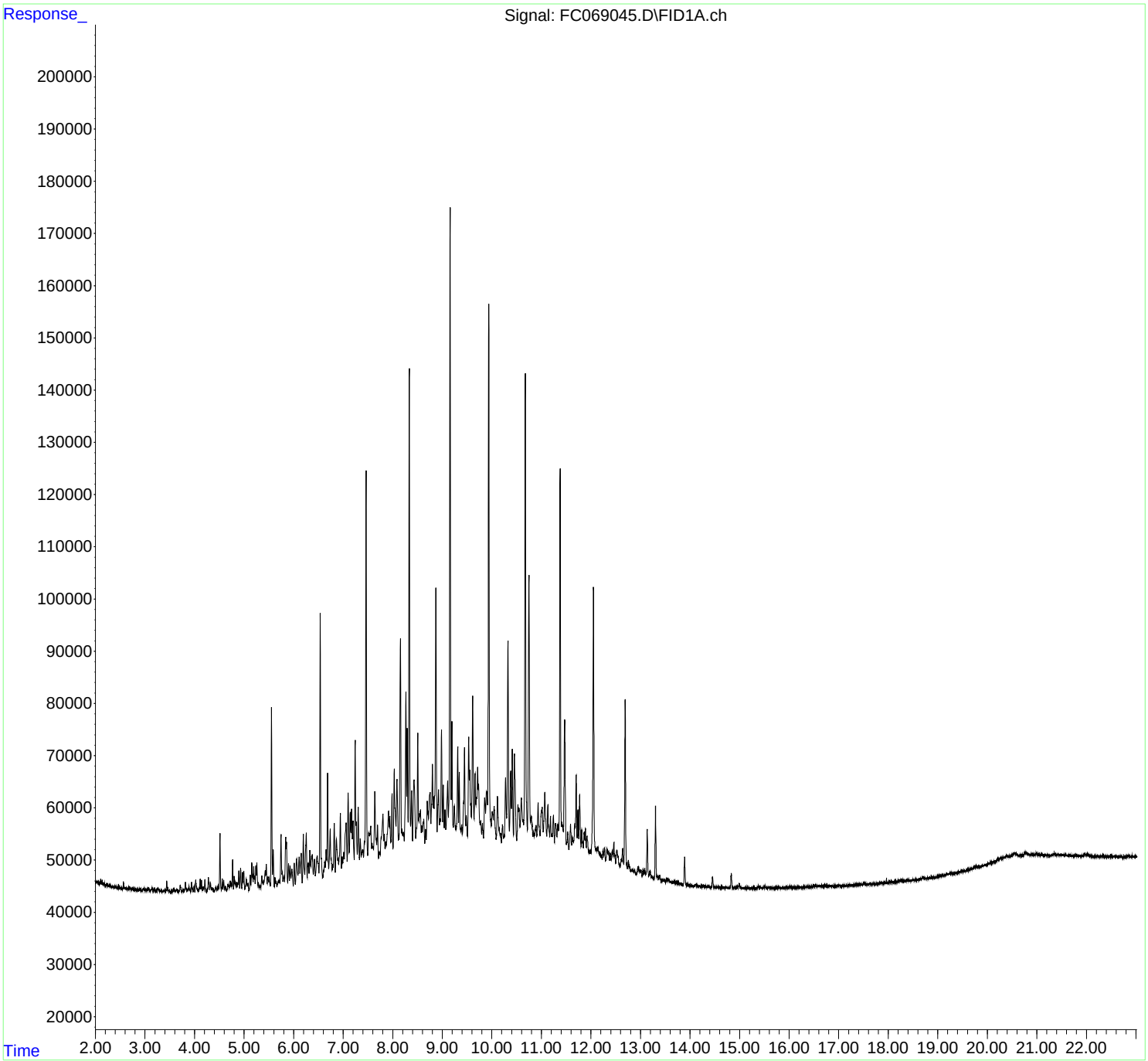
(f)=RT Delta > 1/2 Window (m)=manual int.

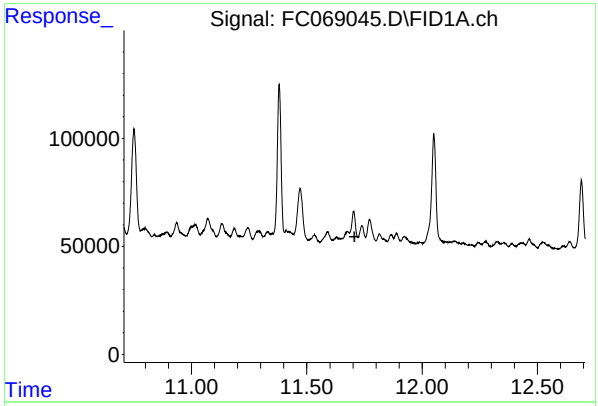
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052925AL\
Data File : FC069045.D
Signal(s) : FID1A.ch
Acq On : 29 May 2025 10:18
Operator : YP/AJ
Sample : Q2125-01DL 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB1DL

Integration File: autoint1.e
Quant Time: May 30 03:26:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

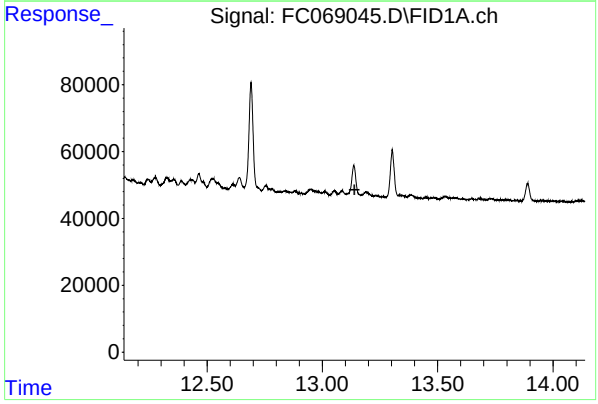




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.707 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
GSB1DL



#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T. : 13.139 min
Response: 0
Conc: N.D.

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052925AL\
Data File : FC069045.D
Signal(s) : FID1A.ch
Acq On : 29 May 2025 10:18
Sample : Q2125-01DL 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.263	3.205	3.278	BV	664	6615	0.41%	0.014%
2	3.288	3.278	3.368	VV	352	4670	0.29%	0.010%
3	3.391	3.368	3.405	PV	157	1615	0.10%	0.003%
4	3.440	3.405	3.480	VV	1973	24374	1.50%	0.051%
5	3.490	3.480	3.529	VV	207	1468	0.09%	0.003%
6	3.571	3.529	3.583	VV	497	4860	0.30%	0.010%
7	3.593	3.583	3.608	VV	408	3412	0.21%	0.007%
8	3.641	3.608	3.674	VV	440	7958	0.49%	0.017%
9	3.686	3.674	3.693	VV	133	1009	0.06%	0.002%
10	3.712	3.693	3.743	VV	1253	16252	1.00%	0.034%
11	3.770	3.743	3.791	PV	434	6474	0.40%	0.014%
12	3.816	3.791	3.862	VV	1841	26738	1.64%	0.056%
13	3.889	3.862	3.923	VV	1069	16421	1.01%	0.034%
14	3.939	3.923	3.974	VV	1707	21472	1.32%	0.045%
15	3.990	3.974	4.005	VV	999	8528	0.52%	0.018%
16	4.024	4.005	4.080	VV	2155	34693	2.13%	0.073%
17	4.114	4.080	4.129	VV	2431	31880	1.96%	0.067%
18	4.141	4.129	4.161	VV	2124	21461	1.32%	0.045%
19	4.179	4.161	4.191	VV	877	11232	0.69%	0.023%
20	4.209	4.191	4.232	VV	2303	24451	1.50%	0.051%
21	4.281	4.232	4.308	VV	2634	40216	2.47%	0.084%
22	4.323	4.308	4.348	VV	1652	21348	1.31%	0.045%
23	4.360	4.348	4.400	VV	731	11389	0.70%	0.024%
24	4.433	4.400	4.451	PV	991	14579	0.89%	0.030%
25	4.474	4.451	4.490	VV	1012	14610	0.90%	0.031%
26	4.514	4.490	4.542	VV	11141	109903	6.74%	0.230%
27	4.560	4.542	4.574	VV	2389	23019	1.41%	0.048%
28	4.589	4.574	4.608	VV	2038	23096	1.42%	0.048%
29	4.621	4.608	4.651	VV	1035	13229	0.81%	0.028%
30	4.675	4.651	4.701	VV	1258	24612	1.51%	0.051%
31	4.718	4.701	4.731	VV	1911	22616	1.39%	0.047%
32	4.742	4.731	4.752	VV	1482	16236	1.00%	0.034%
33	4.769	4.752	4.787	VV	5993	60090	3.69%	0.126%
34	4.802	4.787	4.836	VV	2789	47896	2.94%	0.100%
35	4.848	4.836	4.860	VV	1735	17868	1.10%	0.037%
36	4.894	4.860	4.911	VV	3876	58985	3.62%	0.123%

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37	4.931	4.911	4.952	VV	4336	53959	3.31%	0.113%
38	4.970	4.952	4.982	VV	3542	37433	2.30%	0.078%
39	4.995	4.982	5.015	VV	3782	41757	2.56%	0.087%
40	5.047	5.015	5.100	VV	2199	54304	3.33%	0.114%
41	5.125	5.100	5.138	PV	3003	31323	1.92%	0.065%
42	5.157	5.138	5.182	VV	5242	80991	4.97%	0.169%
43	5.195	5.182	5.224	VV	4521	69166	4.24%	0.145%
44	5.238	5.224	5.247	VV	4632	44294	2.72%	0.093%
45	5.258	5.247	5.304	VV	5227	75359	4.62%	0.158%
46	5.318	5.304	5.337	VV	870	12904	0.79%	0.027%
47	5.358	5.337	5.387	VV	2671	44517	2.73%	0.093%
48	5.427	5.387	5.437	VV	3614	65403	4.01%	0.137%
49	5.449	5.437	5.466	VV	4828	57149	3.51%	0.120%
50	5.483	5.466	5.497	VV	2371	34199	2.10%	0.072%
51	5.508	5.497	5.529	VV	2182	27101	1.66%	0.057%
52	5.554	5.529	5.575	VV	34411	361788	22.20%	0.757%
53	5.589	5.575	5.611	VV	7417	86343	5.30%	0.181%
54	5.626	5.611	5.639	VV	2109	22686	1.39%	0.047%
55	5.647	5.639	5.663	VV	1449	14560	0.89%	0.030%
56	5.694	5.663	5.704	VV	1487	26183	1.61%	0.055%
57	5.746	5.704	5.785	VV	10131	171143	10.50%	0.358%
58	5.803	5.785	5.817	VV	2328	35463	2.18%	0.074%
59	5.841	5.817	5.880	VV	9694	208574	12.80%	0.436%
60	5.899	5.880	5.916	VV	4631	63423	3.89%	0.133%
61	5.931	5.916	5.947	VV	4124	52985	3.25%	0.111%
62	5.966	5.947	5.994	VV	3471	60944	3.74%	0.127%
63	6.013	5.994	6.036	VV	4561	58184	3.57%	0.122%
64	6.060	6.036	6.087	VV	5358	101876	6.25%	0.213%
65	6.112	6.087	6.129	VV	5738	100637	6.18%	0.210%
66	6.153	6.129	6.174	VV	6466	104568	6.42%	0.219%
67	6.197	6.174	6.224	VV	9931	140691	8.63%	0.294%
68	6.255	6.224	6.275	VV	10206	180562	11.08%	0.378%
69	6.296	6.275	6.312	VV	4328	80069	4.91%	0.167%
70	6.329	6.312	6.345	VV	6788	94789	5.82%	0.198%
71	6.377	6.345	6.399	VV	6052	148162	9.09%	0.310%
72	6.421	6.399	6.441	VV	5150	88841	5.45%	0.186%
73	6.476	6.441	6.511	VV	5617	172491	10.58%	0.361%
74	6.538	6.511	6.587	VV	52043	607090	37.25%	1.269%
75	6.629	6.587	6.640	VV	4400	97811	6.00%	0.205%
76	6.656	6.640	6.667	VV	6748	86904	5.33%	0.182%
77	6.687	6.667	6.709	VV	21316	264812	16.25%	0.554%
78	6.739	6.709	6.779	VV	10644	235206	14.43%	0.492%
79	6.821	6.779	6.841	VV	11625	209302	12.84%	0.438%
80	6.865	6.841	6.909	VV	8634	230482	14.14%	0.482%
81	6.944	6.909	6.967	VV	13468	240293	14.74%	0.502%
82	6.981	6.967	6.993	VV	5146	67071	4.12%	0.140%
83	7.011	6.993	7.023	VV	5885	91477	5.61%	0.191%
84	7.059	7.023	7.082	VV	11589	297669	18.26%	0.622%
85	7.101	7.082	7.123	VV	17213	260944	16.01%	0.546%
86	7.143	7.123	7.156	VV	13551	198232	12.16%	0.415%
87	7.170	7.156	7.187	VV	14084	209187	12.84%	0.437%
88	7.199	7.187	7.225	VV	11834	185800	11.40%	0.389%
89	7.243	7.225	7.286	VV	27282	483092	29.64%	1.010%

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90	7.304	7.286	7.329	VV	14335	230648	14.15%	0.482%
91	7.346	7.329	7.365	VV	8252	138683	8.51%	0.290%
92	7.397	7.365	7.412	VV	6146	157335	9.65%	0.329%
93	7.464	7.412	7.496	VV	78674	1095869	67.24%	2.292%
94	7.556	7.496	7.575	VV	10676	410102	25.16%	0.858%
95	7.586	7.575	7.611	VV	7336	144476	8.87%	0.302%
96	7.640	7.611	7.677	VV	17061	401978	24.67%	0.841%
97	7.695	7.677	7.714	VV	10673	172919	10.61%	0.362%
98	7.728	7.714	7.746	VV	5525	101832	6.25%	0.213%
99	7.803	7.746	7.821	VV	12734	406729	24.96%	0.851%
100	7.831	7.821	7.847	VV	8821	119973	7.36%	0.251%
101	7.859	7.847	7.869	VV	7385	91743	5.63%	0.192%
102	7.916	7.869	7.931	VV	13201	367147	22.53%	0.768%
103	7.942	7.931	7.963	VV	12179	187060	11.48%	0.391%
104	7.986	7.963	8.006	VV	16379	270857	16.62%	0.566%
105	8.032	8.006	8.065	VV	21192	468537	28.75%	0.980%
106	8.087	8.065	8.127	VV	19032	467905	28.71%	0.978%
107	8.157	8.127	8.203	VV	46385	883197	54.19%	1.847%
108	8.218	8.203	8.233	VV	8889	153878	9.44%	0.322%
109	8.267	8.233	8.282	VV	35891	577714	35.45%	1.208%
110	8.295	8.282	8.312	VV	28600	355309	21.80%	0.743%
111	8.335	8.312	8.362	VV	98036	1212254	74.38%	2.535%
112	8.381	8.362	8.400	VV	16763	280352	17.20%	0.586%
113	8.431	8.400	8.466	VV	18762	536803	32.94%	1.122%
114	8.507	8.466	8.528	VV	27787	527796	32.39%	1.104%
115	8.560	8.528	8.577	VV	12941	341100	20.93%	0.713%
116	8.588	8.577	8.599	VV	9903	122712	7.53%	0.257%
117	8.628	8.599	8.649	VV	11072	287018	17.61%	0.600%
118	8.665	8.649	8.678	VV	9214	137499	8.44%	0.288%
119	8.699	8.678	8.722	VV	14571	307707	18.88%	0.643%
120	8.753	8.722	8.772	VV	16051	420807	25.82%	0.880%
121	8.803	8.772	8.836	VV	21478	582913	35.77%	1.219%
122	8.872	8.836	8.898	VV	55337	940158	57.69%	1.966%
123	8.926	8.898	8.946	VV	16531	372220	22.84%	0.778%
124	8.986	8.946	9.006	VV	28055	573700	35.20%	1.200%
125	9.021	9.006	9.041	VV	17388	271722	16.67%	0.568%
126	9.057	9.041	9.073	VV	12671	208959	12.82%	0.437%
127	9.109	9.073	9.125	VV	18111	411238	25.23%	0.860%
128	9.159	9.125	9.181	VV	127141	1629726	100.00%	3.408%
129	9.196	9.181	9.224	VV	29805	459331	28.18%	0.961%
130	9.244	9.224	9.271	VV	13292	306750	18.82%	0.641%
131	9.313	9.271	9.330	VV	24558	492927	30.25%	1.031%
132	9.344	9.330	9.377	VV	19507	341223	20.94%	0.714%
133	9.393	9.377	9.409	VV	9545	167826	10.30%	0.351%
134	9.450	9.409	9.474	VV	24182	561529	34.46%	1.174%
135	9.487	9.474	9.508	VV	11150	195208	11.98%	0.408%
136	9.535	9.508	9.549	VV	26144	416818	25.58%	0.872%
137	9.557	9.549	9.587	VV	20012	349314	21.43%	0.730%
138	9.615	9.587	9.642	VV	34050	654762	40.18%	1.369%
139	9.663	9.642	9.680	VV	19133	341000	20.92%	0.713%
140	9.715	9.680	9.764	VV	20337	745339	45.73%	1.559%
141	9.776	9.764	9.796	VV	10006	177427	10.89%	0.371%

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142	9.811	9.796	9.833	VV	9492	182424	11.19%	0.381%
143	9.858	9.833	9.875	VV	14252	288086	17.68%	0.602%
144	9.896	9.875	9.914	VV	15594	329966	20.25%	0.690%
145	9.938	9.914	9.989	VV	108597	1601131	98.25%	3.348%
146	10.009	9.989	10.030	VV	11526	261716	16.06%	0.547%
147	10.048	10.030	10.091	VV	12579	355122	21.79%	0.743%
148	10.116	10.091	10.195	VV	14441	545940	33.50%	1.142%
149	10.216	10.195	10.235	VV	8938	178425	10.95%	0.373%
150	10.279	10.235	10.299	VV	17944	416839	25.58%	0.872%
151	10.327	10.299	10.356	VV	43949	748000	45.90%	1.564%
152	10.382	10.356	10.398	VV	19114	346107	21.24%	0.724%
153	10.414	10.398	10.437	VV	23284	366935	22.52%	0.767%
154	10.458	10.437	10.503	VV	22228	526970	32.33%	1.102%
155	10.529	10.503	10.539	VV	12577	208253	12.78%	0.435%
156	10.548	10.539	10.569	VV	11903	185387	11.38%	0.388%
157	10.597	10.569	10.643	VV	13838	472205	28.97%	0.987%
158	10.677	10.643	10.718	VV	95535	1434627	88.03%	3.000%
159	10.751	10.718	10.781	VV	56361	991011	60.81%	2.072%
160	10.798	10.781	10.829	VV	10034	250173	15.35%	0.523%
161	10.839	10.829	10.852	VV	7147	92469	5.67%	0.193%
162	10.893	10.852	10.909	VV	8318	253383	15.55%	0.530%
163	10.936	10.909	10.975	VV	12625	341209	20.94%	0.713%
164	11.016	10.975	11.038	VV	11668	359910	22.08%	0.753%
165	11.071	11.038	11.109	VV	14524	418441	25.68%	0.875%
166	11.132	11.109	11.167	VV	12128	300295	18.43%	0.628%
167	11.186	11.167	11.220	VV	9816	231257	14.19%	0.484%
168	11.244	11.220	11.265	VV	10099	207119	12.71%	0.433%
169	11.290	11.265	11.315	VV	8455	210893	12.94%	0.441%
170	11.330	11.315	11.345	VV	8144	132390	8.12%	0.277%
171	11.380	11.345	11.441	VV	76242	1191622	73.12%	2.492%
172	11.471	11.441	11.508	VV	28195	554619	34.03%	1.160%
173	11.533	11.508	11.556	VV	6575	143494	8.80%	0.300%
174	11.590	11.556	11.611	VV	8162	182445	11.19%	0.382%
175	11.629	11.611	11.650	VV	5332	112589	6.91%	0.235%
176	11.676	11.650	11.683	VV	8045	130840	8.03%	0.274%
177	11.703	11.683	11.722	VV	17423	252371	15.49%	0.528%
178	11.739	11.722	11.755	VV	10745	157716	9.68%	0.330%
179	11.772	11.755	11.799	VV	13613	227049	13.93%	0.475%
180	11.815	11.799	11.848	VV	6860	141875	8.71%	0.297%
181	11.866	11.848	11.877	VV	6400	90013	5.52%	0.188%
182	11.889	11.877	11.907	VV	7017	97801	6.00%	0.205%
183	11.923	11.907	11.971	VV	5523	143929	8.83%	0.301%
184	11.991	11.971	12.003	VV	2814	49250	3.02%	0.103%
185	12.051	12.003	12.112	VV	52842	858684	52.69%	1.796%
186	12.141	12.112	12.169	VV	3237	94290	5.79%	0.197%
187	12.179	12.169	12.225	VV	2328	57786	3.55%	0.121%
188	12.244	12.225	12.257	VV	2557	36175	2.22%	0.076%
189	12.275	12.257	12.301	VV	2968	51088	3.13%	0.107%
190	12.325	12.301	12.341	VV	2882	47851	2.94%	0.100%
191	12.355	12.341	12.375	VV	2378	35738	2.19%	0.075%
192	12.389	12.375	12.407	VV	1900	24466	1.50%	0.051%
193	12.429	12.407	12.448	VV	2244	43092	2.64%	0.090%
194	12.464	12.448	12.501	VBA	3984	64185	3.94%	0.134%

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195	12.524	12.501	12.591	BV	2599	61879	3.80%	0.129%
196	12.612	12.591	12.621	PV	1493	16556	1.02%	0.035%
197	12.640	12.621	12.660	VV	3676	51670	3.17%	0.108%
198	12.691	12.660	12.737	VV	32339	415743	25.51%	0.869%
199	12.754	12.737	12.802	VV	1812	32125	1.97%	0.067%
200	12.812	12.802	12.821	VV	211	1849	0.11%	0.004%
201	12.839	12.821	12.871	VV	541	10410	0.64%	0.022%
202	12.882	12.871	12.923	VV	755	8965	0.55%	0.019%
203	12.949	12.923	12.996	PV	1497	38245	2.35%	0.080%
204	13.011	12.996	13.031	VV	990	12581	0.77%	0.026%
205	13.052	13.031	13.069	VV	1268	15836	0.97%	0.033%
206	13.086	13.069	13.102	VV	1519	17970	1.10%	0.038%
207	13.137	13.102	13.167	VV	9127	119434	7.33%	0.250%
208	13.190	13.167	13.253	VV	1346	28547	1.75%	0.060%
209	13.262	13.253	13.275	VV	173	1433	0.09%	0.003%
210	13.303	13.275	13.338	PV	14026	169679	10.41%	0.355%
211	13.346	13.338	13.366	VV	747	9396	0.58%	0.020%
212	13.384	13.366	13.430	VV	922	15540	0.95%	0.032%
213	13.450	13.430	13.465	PV	335	3197	0.20%	0.007%
214	13.481	13.465	13.506	VV	300	3931	0.24%	0.008%
215	13.533	13.506	13.561	PV	748	13295	0.82%	0.028%
216	13.574	13.561	13.601	VV	464	7446	0.46%	0.016%
217	13.607	13.601	13.633	VV	184	2424	0.15%	0.005%
218	13.648	13.633	13.667	VV	381	3870	0.24%	0.008%
219	13.682	13.667	13.715	VV	444	7320	0.45%	0.015%
220	13.731	13.715	13.761	VV	454	7914	0.49%	0.017%
221	13.782	13.761	13.789	VV	280	4075	0.25%	0.009%
222	13.793	13.789	13.826	VV	309	4425	0.27%	0.009%
223	13.839	13.826	13.856	VV	223	2506	0.15%	0.005%
224	13.890	13.856	13.941	PV	5371	68322	4.19%	0.143%
225	13.948	13.941	13.985	VV	205	3982	0.24%	0.008%
226	13.988	13.985	13.998	VV	184	1002	0.06%	0.002%
227	14.008	13.998	14.035	VV	152	2398	0.15%	0.005%
228	14.044	14.035	14.085	VV	109	1005	0.06%	0.002%
229	14.118	14.085	14.170	PV	380	9934	0.61%	0.021%
230	14.184	14.170	14.241	VV	144	3405	0.21%	0.007%
231	14.261	14.241	14.291	VV	286	5753	0.35%	0.012%
232	14.307	14.291	14.345	VV	184	4339	0.27%	0.009%
233	14.364	14.345	14.427	VV	147	3542	0.22%	0.007%
234	14.453	14.427	14.505	PV	1936	25312	1.55%	0.053%
235	14.524	14.505	14.555	VV	103	2052	0.13%	0.004%
236	14.580	14.555	14.641	VV	131	4202	0.26%	0.009%
237	14.658	14.641	14.698	VV	159	2392	0.15%	0.005%
238	14.707	14.698	14.754	VV	72	2188	0.13%	0.005%
239	14.766	14.754	14.805	PV	85	1363	0.08%	0.003%
240	14.832	14.805	14.874	VV	2808	38144	2.34%	0.080%
241	14.901	14.874	14.911	PV	122	1092	0.07%	0.002%
242	14.934	14.911	14.958	VV	172	2692	0.17%	0.006%
243	14.994	14.958	15.067	VV	837	16044	0.98%	0.034%
244	15.097	15.067	15.115	VV	121	1370	0.08%	0.003%
245	15.145	15.115	15.219	VV	147	4766	0.29%	0.010%
246	15.225	15.219	15.231	VV	71	352	0.02%	0.001%

rteres

247	15.245	15.231	15.265	VV	95	1444	0.09%	0.003%
248	15.276	15.265	15.302	VV	83	1502	0.09%	0.003%
249	15.310	15.302	15.319	VV	71	750	0.05%	0.002%
250	15.329	15.319	15.343	PV	99	1046	0.06%	0.002%
251	15.381	15.343	15.464	VV	501	14017	0.86%	0.029%
252	15.515	15.464	15.549	VV	428	8352	0.51%	0.017%
253	15.557	15.549	15.576	VV	115	1390	0.09%	0.003%
254	15.594	15.576	15.645	VV	201	4500	0.28%	0.009%
255	15.652	15.645	15.731	VV	81	2561	0.16%	0.005%
256	15.757	15.731	15.802	VV	156	3997	0.25%	0.008%
257	15.808	15.802	15.818	VV	111	514	0.03%	0.001%
258	15.832	15.818	15.872	VV	59	1013	0.06%	0.002%
259	15.892	15.872	15.921	PV	81	1355	0.08%	0.003%
260	15.957	15.921	15.987	VV	144	3108	0.19%	0.006%
261	16.018	15.987	16.058	VV	262	5548	0.34%	0.012%
262	16.083	16.058	16.098	VV	133	1748	0.11%	0.004%
263	16.107	16.098	16.132	PV	89	1242	0.08%	0.003%
264	16.154	16.132	16.174	VV	87	2049	0.13%	0.004%
265	16.189	16.174	16.209	VV	163	2279	0.14%	0.005%
266	16.255	16.209	16.298	VV	151	4557	0.28%	0.010%
267	16.332	16.298	16.337	PV	124	1599	0.10%	0.003%
268	16.362	16.337	16.375	VV	109	1869	0.11%	0.004%
269	16.393	16.375	16.431	VV	144	3536	0.22%	0.007%
270	16.498	16.431	16.533	VV	402	11808	0.72%	0.025%
271	16.581	16.533	16.629	VV	270	9726	0.60%	0.020%
272	16.643	16.629	16.655	VV	189	2394	0.15%	0.005%
273	16.680	16.655	16.701	VV	270	4734	0.29%	0.010%
274	16.717	16.701	16.754	VV	156	3484	0.21%	0.007%
275	16.762	16.754	16.791	VV	117	1914	0.12%	0.004%
276	16.865	16.791	16.905	VV	200	8515	0.52%	0.018%
277	16.926	16.905	16.943	VV	141	2567	0.16%	0.005%
278	16.964	16.943	17.001	VV	235	5147	0.32%	0.011%
279	17.014	17.001	17.038	VV	184	2794	0.17%	0.006%
280	17.051	17.038	17.078	VV	155	2164	0.13%	0.005%
281	17.087	17.078	17.141	VV	115	2120	0.13%	0.004%
282	17.201	17.141	17.238	PV	178	5751	0.35%	0.012%
283	17.268	17.238	17.276	VV	138	2293	0.14%	0.005%
284	17.309	17.276	17.336	VV	178	3591	0.22%	0.008%
285	17.352	17.336	17.398	VV	188	5495	0.34%	0.011%
286	17.417	17.398	17.439	VV	240	3852	0.24%	0.008%
287	17.451	17.439	17.470	VV	113	1388	0.09%	0.003%
288	17.522	17.470	17.559	VV	222	6574	0.40%	0.014%
289	17.595	17.559	17.628	PV	144	3265	0.20%	0.007%
290	17.643	17.628	17.711	VV	207	3795	0.23%	0.008%
291	17.724	17.711	17.763	VV	105	1369	0.08%	0.003%
292	17.855	17.763	17.894	VV	242	6658	0.41%	0.014%
293	17.965	17.894	18.108	PV	465	13908	0.85%	0.029%
294	18.136	18.108	18.159	VV	134	3269	0.20%	0.007%
295	18.231	18.159	18.255	PV	328	9743	0.60%	0.020%
296	18.283	18.255	18.325	VV	299	6103	0.37%	0.013%
297	18.394	18.325	18.451	VV	162	6043	0.37%	0.013%
298	18.494	18.451	18.537	VV	186	3472	0.21%	0.007%
299	18.711	18.537	18.767	PV	328	13659	0.84%	0.029%

rteres

300	18.792	18.767	18.814	PV	131	2506	0.15%	0.005%
301	18.900	18.814	18.925	VV	106	5329	0.33%	0.011%
302	19.054	18.925	19.075	VV	398	15516	0.95%	0.032%
303	19.093	19.075	19.120	VV	317	8114	0.50%	0.017%

Sum of corrected areas: 47822090

Aliphatic EPH 052425.M Fri May 30 10:52:40 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069034.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 16:39
Operator : YP/AJ
Sample : Q2125-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB2

Integration File: autoint1.e
Quant Time: May 29 05:45:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.707	5112894	41.452 ug/ml
Spiked Amount 50.000		Recovery =	82.90%
12) S 1-chlorooctadecane (S...	13.140	4022116	44.833 ug/ml
Spiked Amount 50.000		Recovery =	89.67%
Target Compounds			

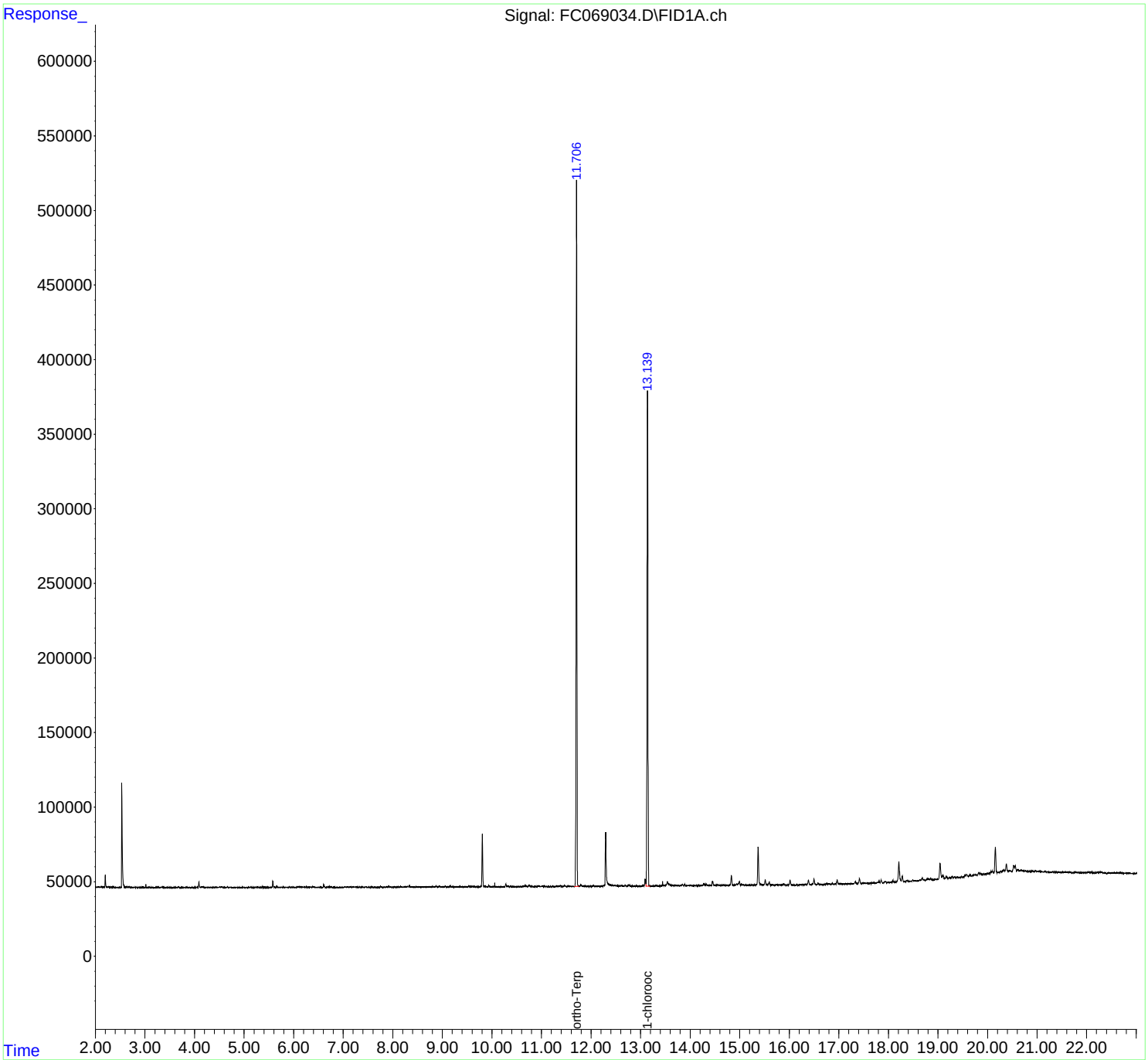
(f)=RT Delta > 1/2 Window (m)=manual int.

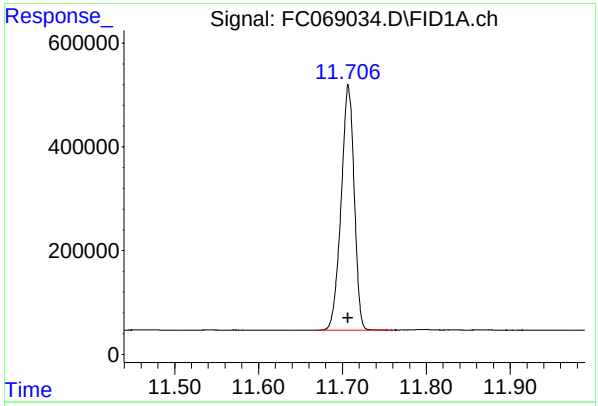
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069034.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 16:39
Operator : YP/AJ
Sample : Q2125-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB2

Integration File: autoint1.e
Quant Time: May 29 05:45:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

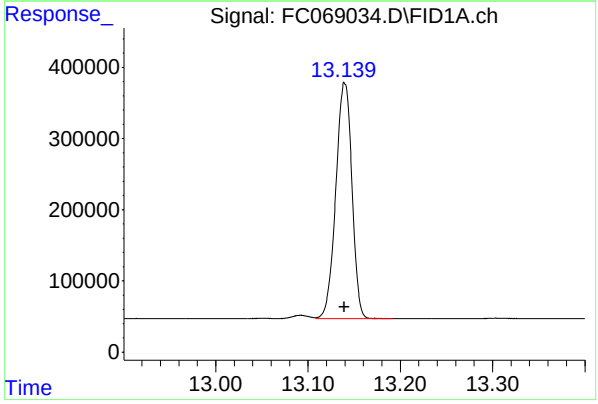




#9 ortho-Terphenyl (SURR)

R.T.: 11.707 min
Delta R.T.: 0.000 min
Response: 5112894
Conc: 41.45 ug/ml

Instrument :
FID_C
ClientSampleId :
GSB2



#12 1-chlorooctadecane (SURR)

R.T.: 13.140 min
Delta R.T.: 0.000 min
Response: 4022116
Conc: 44.83 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069034.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 16:39
Sample : Q2125-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.320	3.294	3.409	PV	292	8861	0.17%	0.046%
2	3.444	3.409	3.503	VV	108	3585	0.07%	0.019%
3	3.524	3.503	3.560	VV	99	1361	0.03%	0.007%
4	3.576	3.560	3.592	VV	100	1151	0.02%	0.006%
5	3.638	3.592	3.664	VV	145	3678	0.07%	0.019%
6	3.668	3.664	3.674	VV	99	465	0.01%	0.002%
7	3.687	3.674	3.703	VV	142	1540	0.03%	0.008%
8	3.718	3.703	3.729	VV	81	975	0.02%	0.005%
9	3.741	3.729	3.765	VV	115	1788	0.03%	0.009%
10	3.773	3.765	3.842	VV	86	3553	0.07%	0.018%
11	3.856	3.842	3.874	VV	103	1473	0.03%	0.008%
12	3.904	3.874	3.953	VV	137	3102	0.06%	0.016%
13	3.965	3.953	3.995	VV	161	1624	0.03%	0.008%
14	4.030	3.995	4.071	VV	128	3291	0.06%	0.017%
15	4.088	4.071	4.120	VV	3841	34753	0.68%	0.181%
16	4.135	4.120	4.211	VV	445	14529	0.28%	0.076%
17	4.221	4.211	4.235	VV	204	2287	0.04%	0.012%
18	4.245	4.235	4.294	VV	127	4504	0.09%	0.023%
19	4.324	4.294	4.338	VV	184	3468	0.07%	0.018%
20	4.355	4.338	4.384	VV	181	3683	0.07%	0.019%
21	4.393	4.384	4.422	VV	184	2442	0.05%	0.013%
22	4.435	4.422	4.450	VV	168	2033	0.04%	0.011%
23	4.483	4.450	4.501	VV	246	5537	0.11%	0.029%
24	4.515	4.501	4.536	VV	679	7979	0.16%	0.041%
25	4.555	4.536	4.637	VV	301	11263	0.22%	0.059%
26	4.659	4.637	4.688	VV	547	7457	0.15%	0.039%
27	4.700	4.688	4.778	VV	163	5407	0.11%	0.028%
28	4.794	4.778	4.838	VV	106	2589	0.05%	0.013%
29	4.857	4.838	4.875	VV	165	1874	0.04%	0.010%
30	4.908	4.875	4.974	VV	101	2735	0.05%	0.014%
31	4.979	4.974	4.984	VV	39	157	0.00%	0.001%
32	5.002	4.984	5.020	PV	91	1173	0.02%	0.006%
33	5.031	5.020	5.070	VV	59	1122	0.02%	0.006%
34	5.091	5.070	5.161	VV	202	5634	0.11%	0.029%
35	5.229	5.161	5.241	VV	131	3677	0.07%	0.019%
36	5.255	5.241	5.281	VV	108	2144	0.04%	0.011%

rteres

37	5.290	5.281	5.300	VV	79	689	0.01%	0.004%
38	5.374	5.300	5.419	VV	572	10145	0.20%	0.053%
39	5.428	5.419	5.474	PV	102	2311	0.05%	0.012%
40	5.498	5.474	5.515	VV	110	1582	0.03%	0.008%
41	5.528	5.515	5.544	VV	118	1206	0.02%	0.006%
42	5.580	5.544	5.639	VV	4141	46448	0.91%	0.241%
43	5.659	5.639	5.716	VV	954	12899	0.25%	0.067%
44	5.738	5.716	5.814	VV	234	8840	0.17%	0.046%
45	5.855	5.814	5.884	VV	176	4858	0.09%	0.025%
46	5.900	5.884	5.938	VV	159	3521	0.07%	0.018%
47	5.966	5.938	6.033	VV	145	4070	0.08%	0.021%
48	6.107	6.033	6.164	PV	491	18212	0.36%	0.095%
49	6.203	6.164	6.231	VV	270	8521	0.17%	0.044%
50	6.254	6.231	6.278	VV	436	6585	0.13%	0.034%
51	6.300	6.278	6.328	VV	231	5302	0.10%	0.028%
52	6.341	6.328	6.354	VV	169	2578	0.05%	0.013%
53	6.383	6.354	6.451	VV	470	12575	0.25%	0.065%
54	6.466	6.451	6.521	VV	129	3348	0.07%	0.017%
55	6.539	6.521	6.578	VV	274	5252	0.10%	0.027%
56	6.608	6.578	6.671	VV	2076	25986	0.51%	0.135%
57	6.689	6.671	6.783	VV	303	9581	0.19%	0.050%
58	6.815	6.783	6.844	VV	180	4002	0.08%	0.021%
59	6.872	6.844	6.904	VV	143	2895	0.06%	0.015%
60	6.918	6.904	6.969	VV	97	1979	0.04%	0.010%
61	7.049	6.969	7.121	VV	319	18112	0.35%	0.094%
62	7.138	7.121	7.159	VV	225	3955	0.08%	0.021%
63	7.199	7.159	7.223	VV	394	8233	0.16%	0.043%
64	7.243	7.223	7.291	VV	339	7183	0.14%	0.037%
65	7.305	7.291	7.366	VV	143	4909	0.10%	0.026%
66	7.387	7.366	7.441	VV	166	4153	0.08%	0.022%
67	7.463	7.441	7.504	VV	525	7385	0.14%	0.038%
68	7.519	7.504	7.568	PV	116	3188	0.06%	0.017%
69	7.588	7.568	7.618	VV	148	3062	0.06%	0.016%
70	7.638	7.618	7.678	VV	139	2161	0.04%	0.011%
71	7.755	7.678	7.794	VV	607	9136	0.18%	0.047%
72	7.805	7.794	7.848	VV	126	2379	0.05%	0.012%
73	7.881	7.848	7.898	VV	333	5775	0.11%	0.030%
74	7.920	7.898	7.970	VV	708	11432	0.22%	0.059%
75	7.995	7.970	8.011	VV	118	2034	0.04%	0.011%
76	8.033	8.011	8.061	VV	189	2855	0.06%	0.015%
77	8.156	8.061	8.181	VV	427	11238	0.22%	0.058%
78	8.299	8.181	8.318	VV	535	21191	0.41%	0.110%
79	8.335	8.318	8.364	VV	875	11179	0.22%	0.058%
80	8.382	8.364	8.418	VV	177	3164	0.06%	0.016%
81	8.463	8.418	8.494	VV	170	5769	0.11%	0.030%
82	8.508	8.494	8.570	VV	207	4972	0.10%	0.026%
83	8.699	8.570	8.734	VV	243	11284	0.22%	0.059%
84	8.753	8.734	8.775	VV	169	3640	0.07%	0.019%
85	8.805	8.775	8.850	VV	620	12520	0.24%	0.065%
86	8.873	8.850	8.903	VV	728	10532	0.21%	0.055%
87	8.942	8.903	8.972	VV	807	12685	0.25%	0.066%
88	9.055	8.972	9.088	VV	564	17303	0.34%	0.090%
89	9.108	9.088	9.130	VV	356	5635	0.11%	0.029%

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90	9.158	9.130	9.181	VV	1034	14108	0.28%	0.073%
91	9.196	9.181	9.230	VV	289	4752	0.09%	0.025%
92	9.279	9.230	9.321	VV	192	7304	0.14%	0.038%
93	9.349	9.321	9.418	VV	399	9050	0.18%	0.047%
94	9.443	9.418	9.474	VV	164	3828	0.07%	0.020%
95	9.537	9.474	9.598	VV	555	18345	0.36%	0.095%
96	9.613	9.598	9.642	VV	390	7094	0.14%	0.037%
97	9.697	9.642	9.751	VV	307	13199	0.26%	0.069%
98	9.809	9.751	9.857	VV	35351	371987	7.26%	1.933%
99	9.873	9.857	9.914	VV	415	8388	0.16%	0.044%
100	9.937	9.914	9.991	VV	1104	16662	0.33%	0.087%
101	10.057	9.991	10.149	VV	1180	12491	0.24%	0.065%
102	10.170	10.149	10.198	VV	135	1758	0.03%	0.009%
103	10.214	10.198	10.248	PV	57	1502	0.03%	0.008%
104	10.283	10.248	10.304	VV	2046	22952	0.45%	0.119%
105	10.326	10.304	10.354	VV	735	11395	0.22%	0.059%
106	10.377	10.354	10.438	VV	413	11254	0.22%	0.058%
107	10.469	10.438	10.502	VV	217	6118	0.12%	0.032%
108	10.542	10.502	10.611	VV	293	12151	0.24%	0.063%
109	10.676	10.611	10.721	VV	1039	27051	0.53%	0.141%
110	10.749	10.721	10.884	VV	1082	29502	0.58%	0.153%
111	10.937	10.884	10.977	VV	582	13648	0.27%	0.071%
112	11.011	10.977	11.058	VV	386	11292	0.22%	0.059%
113	11.071	11.058	11.168	VV	261	10794	0.21%	0.056%
114	11.231	11.168	11.264	VV	211	7452	0.15%	0.039%
115	11.312	11.264	11.334	VV	582	9482	0.19%	0.049%
116	11.380	11.334	11.424	VV	963	17833	0.35%	0.093%
117	11.465	11.424	11.505	VV	595	16557	0.32%	0.086%
118	11.542	11.505	11.601	VV	379	12458	0.24%	0.065%
119	11.624	11.601	11.650	VV	127	3576	0.07%	0.019%
120	11.707	11.650	11.757	VV	471478	5120337	100.00%	26.614%
121	11.796	11.757	11.847	VV	1481	30330	0.59%	0.158%
122	11.866	11.847	11.951	VV	761	14986	0.29%	0.078%
123	11.978	11.951	12.006	PV	128	2800	0.05%	0.015%
124	12.049	12.006	12.078	VV	664	12896	0.25%	0.067%
125	12.099	12.078	12.117	VV	130	2418	0.05%	0.013%
126	12.141	12.117	12.215	VV	344	7347	0.14%	0.038%
127	12.296	12.215	12.480	VV	34633	521643	10.19%	2.711%
128	12.498	12.480	12.564	VV	603	21642	0.42%	0.112%
129	12.592	12.564	12.608	VV	578	10058	0.20%	0.052%
130	12.624	12.608	12.664	VV	474	11548	0.23%	0.060%
131	12.690	12.664	12.732	VV	865	16283	0.32%	0.085%
132	12.758	12.732	12.861	VV	881	28289	0.55%	0.147%
133	12.914	12.861	12.934	VV	307	3726	0.07%	0.019%
134	12.952	12.934	12.978	VV	133	2152	0.04%	0.011%
135	13.139	12.978	13.225	VV	331618	4099099	80.06%	21.306%
136	13.253	13.225	13.281	VV	152	2531	0.05%	0.013%
137	13.304	13.281	13.348	PV	706	11472	0.22%	0.060%
138	13.446	13.348	13.463	VV	863	17261	0.34%	0.090%
139	13.541	13.463	13.674	VV	2959	116901	2.28%	0.608%
140	13.688	13.674	13.728	VV	346	11519	0.22%	0.060%
141	13.746	13.728	13.787	VV	401	10534	0.21%	0.055%

rteres

142	13.840	13.787	13.866	VV	1083	20314	0.40%	0.106%
143	13.890	13.866	13.931	VV	997	16321	0.32%	0.085%
144	14.017	13.931	14.061	VV	595	16373	0.32%	0.085%
145	14.116	14.061	14.163	VV	231	9518	0.19%	0.049%
146	14.185	14.163	14.213	VV	232	4202	0.08%	0.022%
147	14.279	14.213	14.306	VV	1624	31679	0.62%	0.165%
148	14.327	14.306	14.418	VV	1135	26499	0.52%	0.138%
149	14.454	14.418	14.500	VV	3011	47085	0.92%	0.245%
150	14.555	14.500	14.604	VV	617	24860	0.49%	0.129%
151	14.616	14.604	14.641	VV	339	6027	0.12%	0.031%
152	14.673	14.641	14.714	VV	640	14768	0.29%	0.077%
153	14.743	14.714	14.775	VV	310	9665	0.19%	0.050%
154	14.831	14.775	14.901	VV	6733	104706	2.04%	0.544%
155	14.992	14.901	15.019	VV	2760	72692	1.42%	0.378%
156	15.037	15.019	15.118	VV	826	25022	0.49%	0.130%
157	15.137	15.118	15.221	VV	430	18994	0.37%	0.099%
158	15.238	15.221	15.281	VV	350	9951	0.19%	0.052%
159	15.371	15.281	15.488	VV	25709	386127	7.54%	2.007%
160	15.514	15.488	15.564	VV	3669	60875	1.19%	0.316%
161	15.595	15.564	15.624	VV	2299	35513	0.69%	0.185%
162	15.644	15.624	15.713	VV	298	10616	0.21%	0.055%
163	15.737	15.713	15.774	VV	277	7048	0.14%	0.037%
164	15.786	15.774	15.807	VV	217	3106	0.06%	0.016%
165	15.834	15.807	15.854	VV	252	4784	0.09%	0.025%
166	15.890	15.854	15.966	VV	949	19586	0.38%	0.102%
167	16.015	15.966	16.114	VV	3297	51020	1.00%	0.265%
168	16.157	16.114	16.178	VV	110	2089	0.04%	0.011%
169	16.208	16.178	16.258	PV	128	3924	0.08%	0.020%
170	16.321	16.258	16.342	VV	393	7564	0.15%	0.039%
171	16.386	16.342	16.431	VV	3180	52591	1.03%	0.273%
172	16.499	16.431	16.548	VV	3791	64166	1.25%	0.334%
173	16.581	16.548	16.610	VV	1056	15470	0.30%	0.080%
174	16.633	16.610	16.688	VV	220	5016	0.10%	0.026%
175	16.750	16.688	16.787	VV	808	16923	0.33%	0.088%
176	16.805	16.787	16.831	VV	349	5811	0.11%	0.030%
177	16.869	16.831	16.911	VV	872	16426	0.32%	0.085%
178	16.966	16.911	16.998	VV	2888	46078	0.90%	0.240%
179	17.043	16.998	17.089	VV	454	13176	0.26%	0.068%
180	17.118	17.089	17.141	VV	98	1730	0.03%	0.009%
181	17.250	17.141	17.277	PV	193	8831	0.17%	0.046%
182	17.331	17.277	17.375	VV	1485	30123	0.59%	0.157%
183	17.416	17.375	17.464	VV	3430	54787	1.07%	0.285%
184	17.505	17.464	17.554	VV	404	12708	0.25%	0.066%
185	17.581	17.554	17.611	VV	173	3833	0.07%	0.020%
186	17.642	17.611	17.664	VV	147	2663	0.05%	0.014%
187	17.697	17.664	17.718	PV	230	5338	0.10%	0.028%
188	17.810	17.718	17.830	VV	1223	27717	0.54%	0.144%
189	17.854	17.830	17.884	VV	1940	28095	0.55%	0.146%
190	17.942	17.884	17.988	VV	1012	20991	0.41%	0.109%
191	18.092	17.988	18.151	VV	1304	35063	0.68%	0.182%
192	18.211	18.151	18.258	VV	13805	245023	4.79%	1.274%
193	18.280	18.258	18.351	VV	4043	71385	1.39%	0.371%
194	18.375	18.351	18.427	VV	938	23296	0.45%	0.121%

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195	18.495	18.427	18.544	VV	1042	35359	0.69%	0.184%
196	18.560	18.544	18.586	VV	491	10056	0.20%	0.052%
197	18.634	18.586	18.651	VV	933	22086	0.43%	0.115%
198	18.684	18.651	18.744	VV	2040	59223	1.16%	0.308%
199	18.806	18.744	18.834	VV	1408	58153	1.14%	0.302%
200	18.853	18.834	18.913	VV	1466	44348	0.87%	0.231%
201	19.043	18.913	19.078	VV	11523	269395	5.26%	1.400%
202	19.097	19.078	19.134	VV	3126	77334	1.51%	0.402%
203	19.168	19.134	19.206	VV	2047	71136	1.39%	0.370%
204	19.289	19.206	19.314	VV	2455	104830	2.05%	0.545%
205	19.337	19.314	19.359	VV	1790	42314	0.83%	0.220%
206	19.389	19.359	19.454	VV	1857	89282	1.74%	0.464%
207	19.472	19.454	19.491	VV	1886	36551	0.71%	0.190%
208	19.581	19.491	19.614	VV	3273	170053	3.32%	0.884%
209	19.649	19.614	19.678	VV	2878	93339	1.82%	0.485%
210	19.733	19.678	19.751	VV	2804	109616	2.14%	0.570%
211	19.775	19.751	19.794	VV	2712	67939	1.33%	0.353%
212	19.819	19.794	19.914	VV	4096	234024	4.57%	1.216%
213	19.938	19.914	19.964	VV	2987	87853	1.72%	0.457%
214	20.099	19.964	20.123	VV	4882	345670	6.75%	1.797%
215	20.158	20.123	20.194	VV	20427	400424	7.82%	2.081%
216	20.219	20.194	20.248	VV	3978	122085	2.38%	0.635%
217	20.335	20.248	20.352	VV	5319	280569	5.48%	1.458%
218	20.381	20.352	20.421	VV	9157	247483	4.83%	1.286%
219	20.451	20.421	20.488	VV	4485	171781	3.35%	0.893%
220	20.530	20.488	20.594	VV	7897	379106	7.40%	1.971%
221	20.614	20.594	20.661	VV	4808	180974	3.53%	0.941%
222	20.684	20.661	20.719	VV	4479	146178	2.85%	0.760%
223	20.734	20.719	20.761	VV	4047	100095	1.95%	0.520%
224	20.770	20.761	20.805	VV	3926	98710	1.93%	0.513%
225	20.828	20.805	20.873	VV	3700	143889	2.81%	0.748%
226	20.898	20.873	20.931	VV	3774	124543	2.43%	0.647%
227	20.976	20.931	21.024	VV	3674	190800	3.73%	0.992%
228	21.049	21.024	21.131	VV	3335	198430	3.88%	1.031%
229	21.160	21.131	21.274	VV	2850	225524	4.40%	1.172%
230	21.313	21.274	21.358	VV	2581	119389	2.33%	0.621%
231	21.389	21.358	21.406	VV	2317	66404	1.30%	0.345%
232	21.425	21.406	21.476	VV	2311	90648	1.77%	0.471%
233	21.583	21.476	21.608	VV	2151	161570	3.16%	0.840%
234	21.625	21.608	21.731	VV	1996	120022	2.34%	0.624%
235	21.777	21.731	21.921	VV	1646	150415	2.94%	0.782%
236	21.962	21.921	21.988	VV	1254	46623	0.91%	0.242%
237	22.030	21.988	22.180	VV	1300	116440	2.27%	0.605%
238	22.282	22.180	22.394	VV	1017	87108	1.70%	0.453%

Sum of corrected areas: 19239035

Aliphatic EPH 052425.M Thu May 29 06:46:10 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069035.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 17:17
Operator : YP/AJ
Sample : Q2125-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e
Quant Time: May 29 05:45:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.734	6196727	50.239 ug/mlm
Spiked Amount 50.000		Recovery = 100.48%	
12) S 1-chlorooctadecane (S...	13.149	5540280	61.755 ug/ml
Spiked Amount 50.000		Recovery = 123.51%	
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

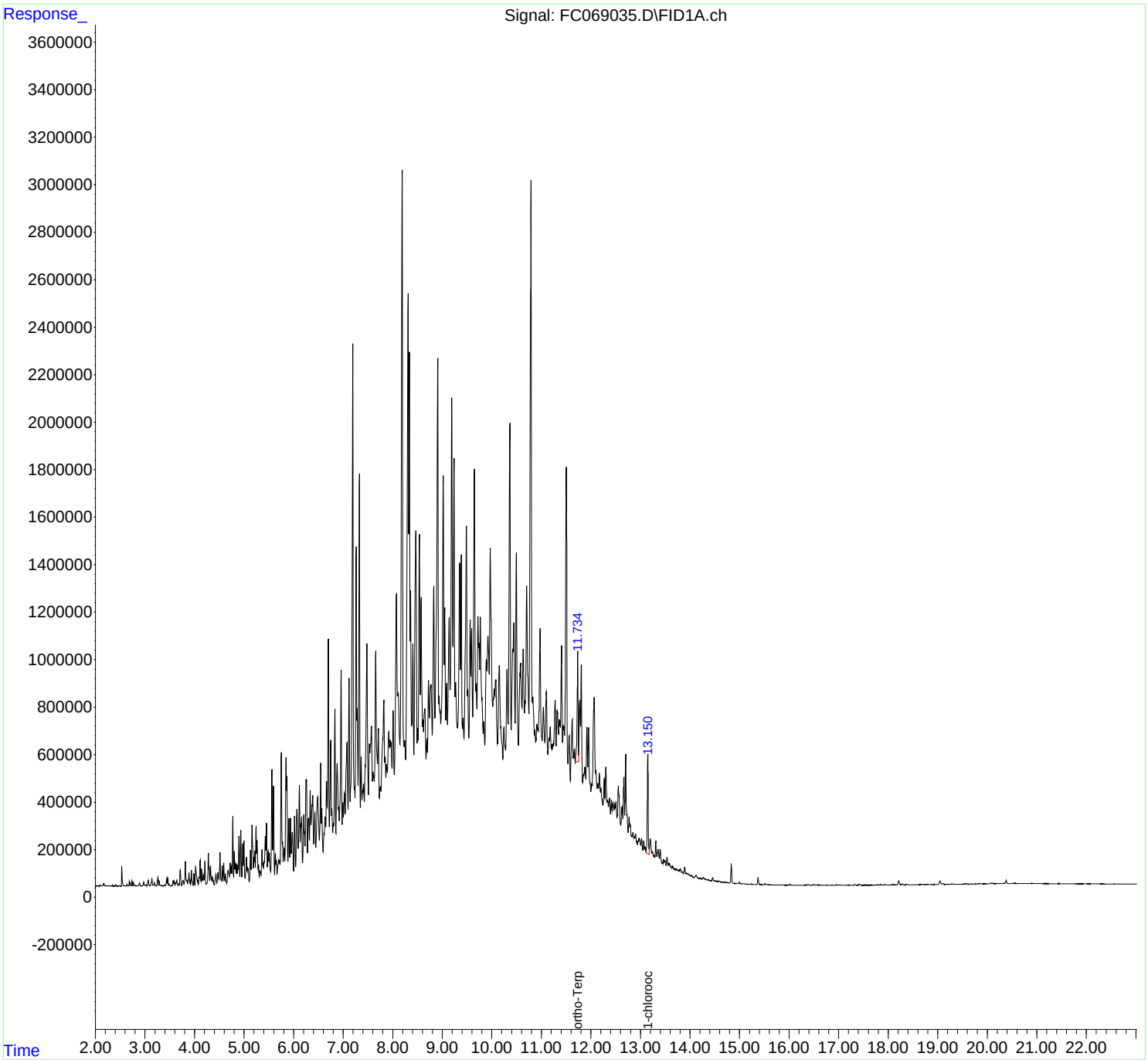
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069035.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 17:17
Operator : YP/AJ
Sample : Q2125-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

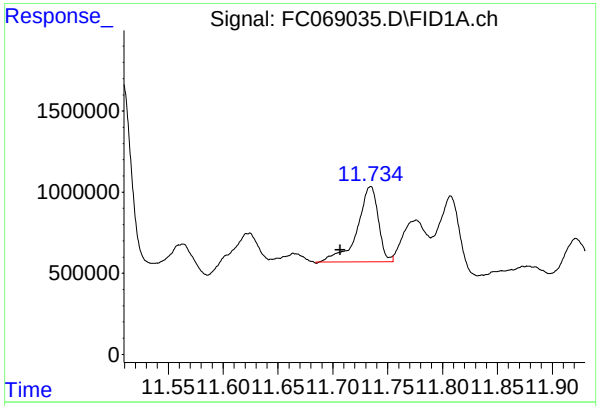
Instrument :
FID_C
ClientSampleId :
GSB3

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e
Quant Time: May 29 05:45:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





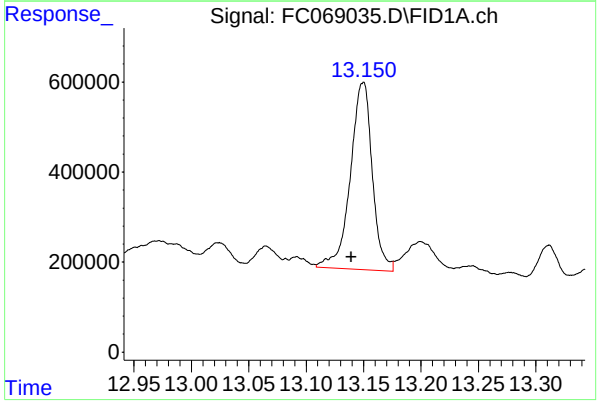
#9 ortho-Terphenyl (SURR)

R.T.: 11.734 min
Delta R.T.: 0.028 min
Response: 6196727
Conc: 50.24 ug/ml

Instrument :
FID_C
ClientSampleId :
GSB3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025



#12 1-chlorooctadecane (SURR)

R.T.: 13.149 min
Delta R.T.: 0.010 min
Response: 5540280
Conc: 61.75 ug/ml

Instrument :
FID_C
ClientSampleId :
GSB3

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC05282
Data File : FC069035.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 17:17
Sample : Q2125-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.225	3.201	3.233	BV	176	-14241	-0.02%	-0.000%
2	3.261	3.233	3.275	PV	37573	420627	0.54%	0.014%
3	3.285	3.275	3.306	VV	21398	195313	0.25%	0.006%
4	3.316	3.306	3.321	VV	2614	18912	0.02%	0.001%
5	3.333	3.321	3.358	VV	4254	48711	0.06%	0.002%
6	3.387	3.358	3.400	PV	5633	56838	0.07%	0.002%
7	3.437	3.400	3.448	VV	29918	318572	0.41%	0.010%
8	3.460	3.448	3.476	VV	34662	324479	0.42%	0.011%
9	3.487	3.476	3.521	VV	9729	110298	0.14%	0.004%
10	3.541	3.521	3.550	PV	2990	27665	0.04%	0.001%
11	3.568	3.550	3.581	VV	24126	247481	0.32%	0.008%
12	3.592	3.581	3.607	VV	20369	198117	0.26%	0.006%
13	3.640	3.607	3.672	VV	25191	482484	0.62%	0.016%
14	3.710	3.672	3.741	VV	66834	1014155	1.31%	0.033%
15	3.768	3.741	3.787	VV	24620	414387	0.53%	0.014%
16	3.815	3.787	3.860	VV	104193	1533027	1.97%	0.050%
17	3.888	3.860	3.923	VV	57946	988224	1.27%	0.032%
18	3.938	3.923	3.971	VV	67104	799138	1.03%	0.026%
19	3.988	3.971	4.004	VV	53167	483541	0.62%	0.016%
20	4.024	4.004	4.078	VV	78478	1607854	2.07%	0.053%
21	4.113	4.078	4.129	VV	109782	1506414	1.94%	0.049%
22	4.142	4.129	4.160	VV	73157	818682	1.05%	0.027%
23	4.178	4.160	4.192	VV	47709	639138	0.82%	0.021%
24	4.210	4.192	4.233	VV	105087	1185869	1.53%	0.039%
25	4.280	4.233	4.308	VV	135923	2176767	2.80%	0.071%
26	4.323	4.308	4.348	VV	85591	1120517	1.44%	0.037%
27	4.360	4.348	4.399	VV	39041	671344	0.86%	0.022%
28	4.433	4.399	4.452	VV	51574	859767	1.11%	0.028%
29	4.473	4.452	4.493	VV	56386	896220	1.15%	0.029%
30	4.515	4.493	4.541	VV	141432	1802708	2.32%	0.059%
31	4.560	4.541	4.575	VV	86860	946492	1.22%	0.031%
32	4.590	4.575	4.609	VV	97725	1105507	1.42%	0.036%
33	4.622	4.609	4.650	VV	50132	717859	0.92%	0.024%
34	4.676	4.650	4.703	VV	64390	1443714	1.86%	0.047%
35	4.720	4.703	4.732	VV	98208	1208778	1.56%	0.040%
36	4.743	4.732	4.754	VV	81627	919256	1.18%	0.030%

Page 1

Instrument :
FID_C
ClientSampleId :
GSB3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

rteres

37	4.773	4.754	4.789	VV	293040	3094238	3.98%	0.101%
38	4.804	4.789	4.840	VV	145397	2661500		
39	4.852	4.840	4.862	VV	94223	987098		
40	4.897	4.862	4.914	VV	210914	3314765		
41	4.934	4.914	4.955	VV	235164	3016416		
42	4.973	4.955	4.985	VV	178878	1947386		
43	4.998	4.985	5.019	VV	190604	2282247	2.94%	0.075%
44	5.049	5.019	5.063	VV	121365	1924369	2.48%	0.063%
45	5.071	5.063	5.103	VV	76465	1399590	1.80%	0.046%
46	5.129	5.103	5.142	VV	152000	1834191	2.36%	0.060%
47	5.161	5.142	5.189	VV	256781	4480101	5.77%	0.147%
48	5.217	5.189	5.227	VV	148156	2578725	3.32%	0.085%
49	5.241	5.227	5.253	VV	250528	2698110	3.47%	0.088%
50	5.263	5.253	5.307	VV	193233	3484645	4.49%	0.114%
51	5.322	5.307	5.341	VV	64693	1124697	1.45%	0.037%
52	5.362	5.341	5.391	VV	153625	2944703	3.79%	0.097%
53	5.430	5.391	5.441	VV	210126	4071638	5.24%	0.133%
54	5.454	5.441	5.471	VV	265555	3199995	4.12%	0.105%
55	5.488	5.471	5.501	VV	147007	2213442	2.85%	0.073%
56	5.512	5.501	5.536	VV	139121	2083053	2.68%	0.068%
57	5.562	5.536	5.579	VV	490038	6352126	8.18%	0.208%
58	5.595	5.579	5.616	VV	421169	5272635	6.79%	0.173%
59	5.632	5.616	5.668	VV	136710	2970839	3.83%	0.097%
60	5.699	5.668	5.727	VV	108864	3284662	4.23%	0.108%
61	5.751	5.727	5.791	VV	562421	9597721	12.36%	0.315%
62	5.809	5.791	5.823	VV	159719	2593005	3.34%	0.085%
63	5.847	5.823	5.886	VV	541734	12136949	15.63%	0.398%
64	5.904	5.886	5.922	VV	284613	4215991	5.43%	0.138%
65	5.937	5.922	5.954	VV	284559	3886875	5.01%	0.127%
66	5.972	5.954	6.000	VV	225723	4565544	5.88%	0.150%
67	6.019	6.000	6.042	VV	292873	4293133	5.53%	0.141%
68	6.067	6.042	6.093	VV	320980	6798405	8.76%	0.223%
69	6.117	6.093	6.135	VV	421073	6833517	8.80%	0.224%
70	6.161	6.135	6.181	VV	291728	6141749	7.91%	0.201%
71	6.205	6.181	6.231	VV	300839	6188100	7.97%	0.203%
72	6.253	6.231	6.281	VV	447581	9774016	12.59%	0.320%
73	6.299	6.281	6.319	VV	283316	5511972	7.10%	0.181%
74	6.335	6.319	6.352	VV	401796	5974858	7.69%	0.196%
75	6.386	6.352	6.407	VV	385604	9845975	12.68%	0.323%
76	6.429	6.407	6.449	VV	309053	5897947	7.60%	0.193%
77	6.485	6.449	6.520	VV	373309	11971613	15.42%	0.392%
78	6.548	6.520	6.561	VV	517444	8222254	10.59%	0.269%
79	6.569	6.561	6.595	VV	322514	4862084	6.26%	0.159%
80	6.638	6.595	6.648	VV	289095	7305833	9.41%	0.239%
81	6.665	6.648	6.679	VV	440587	6475267	8.34%	0.212%
82	6.701	6.679	6.722	VV	1038707	15232360	19.62%	0.499%
83	6.748	6.722	6.790	VV	614861	15213756	19.59%	0.499%
84	6.834	6.790	6.853	VV	744854	14785028	19.04%	0.485%
85	6.878	6.853	6.922	VV	515245	15565321	20.05%	0.510%
86	6.959	6.922	6.980	VV	905312	17202366	22.15%	0.564%
87	6.994	6.980	7.005	VV	351097	4737026	6.10%	0.155%
88	7.026	7.005	7.042	VV	389730	7610316	9.80%	0.249%
89	7.077	7.042	7.099	VV	603649	16069080	20.69%	0.527%

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90	7.120	7.099	7.142	VV	875884	14879753	19.16%	0.488%
91	7.195	7.142	7.239	VV	2262667	47849508	61	
92	7.262	7.239	7.301	VV	1420547	29590040	38	
93	7.328	7.301	7.347	VV	1741810	25569564	32	
94	7.363	7.347	7.382	VV	542191	9093432	11	
95	7.411	7.382	7.427	VV	428145	10788841	13	
96	7.480	7.427	7.511	VV	1020564	31163219	40.13%	1.021%
97	7.531	7.511	7.540	VV	596406	9380979	12.08%	0.307%
98	7.571	7.540	7.592	VV	670911	18198604	23.44%	0.596%
99	7.604	7.592	7.627	VV	476502	9692734	12.48%	0.318%
100	7.657	7.627	7.694	VV	989234	26019601	33.51%	0.853%
101	7.711	7.694	7.732	VV	662589	12277550	15.81%	0.402%
102	7.753	7.732	7.763	VV	419878	7554197	9.73%	0.248%
103	7.821	7.763	7.864	VV	776910	34740581	44.74%	1.139%
104	7.877	7.864	7.891	VV	508799	8061865	10.38%	0.264%
105	7.921	7.891	7.936	VV	650351	15577237	20.06%	0.511%
106	7.947	7.936	7.958	VV	613449	7902300	10.18%	0.259%
107	7.965	7.958	7.986	VV	602419	9540530	12.29%	0.313%
108	8.011	7.986	8.033	VV	735605	16336084	21.04%	0.535%
109	8.075	8.033	8.100	VV	1232595	34518762	44.46%	1.131%
110	8.112	8.100	8.146	VV	814684	20074854	25.85%	0.658%
111	8.191	8.146	8.234	VV	3002395	71083255	91.54%	2.330%
112	8.242	8.234	8.264	VV	610386	10378129	13.37%	0.340%
113	8.311	8.264	8.325	VV	2492515	55487578	71.46%	1.819%
114	8.338	8.325	8.351	VV	2242339	26998764	34.77%	0.885%
115	8.360	8.351	8.381	VV	1252298	17819710	22.95%	0.584%
116	8.408	8.381	8.428	VV	1019555	21979414	28.31%	0.720%
117	8.467	8.428	8.494	VV	1486459	41159282	53.01%	1.349%
118	8.505	8.494	8.513	VV	662749	7160885	9.22%	0.235%
119	8.539	8.513	8.559	VV	1472629	28427570	36.61%	0.932%
120	8.575	8.559	8.623	VV	1212481	32752466	42.18%	1.074%
121	8.647	8.623	8.674	VV	740923	20712250	26.67%	0.679%
122	8.689	8.674	8.701	VV	617227	9588772	12.35%	0.314%
123	8.724	8.701	8.742	VV	858327	18029154	23.22%	0.591%
124	8.768	8.742	8.800	VV	841087	26566456	34.21%	0.871%
125	8.829	8.800	8.853	VV	1258958	29778371	38.35%	0.976%
126	8.909	8.853	8.972	VV	2178305	77648545	100.00%	2.545%
127	9.021	8.972	9.039	VV	1727294	43731245	56.32%	1.433%
128	9.051	9.039	9.073	VV	1167514	19342475	24.91%	0.634%
129	9.088	9.073	9.107	VV	852008	15751866	20.29%	0.516%
130	9.140	9.107	9.161	VV	1131313	29730560	38.29%	0.974%
131	9.192	9.161	9.215	VV	2054077	44183555	56.90%	1.448%
132	9.239	9.215	9.258	VV	1779281	32568111	41.94%	1.067%
133	9.270	9.258	9.304	VV	856834	21555159	27.76%	0.706%
134	9.352	9.304	9.368	VV	1353195	36176955	46.59%	1.186%
135	9.384	9.368	9.409	VV	1394338	24802531	31.94%	0.813%
136	9.422	9.409	9.439	VV	706369	11924876	15.36%	0.391%
137	9.488	9.439	9.538	VV	1513246	56333856	72.55%	1.846%
138	9.565	9.538	9.579	VV	1118976	21765281	28.03%	0.713%
139	9.593	9.579	9.616	VV	1081795	20443933	26.33%	0.670%
140	9.649	9.616	9.700	VV	1749647	54238890	69.85%	1.778%
141	9.722	9.700	9.754	VV	1127206	31223270	40.21%	1.023%

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142	9.770	9.754	9.827	VV	1132464	38134793	49.11%	1.250%
143	9.839	9.827	9.861	VV	687428	13323531	17	
144	9.891	9.861	9.904	VV	950620	21346559	27	
145	9.923	9.904	9.948	VV	1050540	26004885	33	
146	9.970	9.948	10.020	VV	1425470	45233792	58	
147	10.049	10.020	10.060	VV	828962	19094691	24	
148	10.080	10.060	10.117	VV	863810	26274544	33.84%	0.861%
149	10.153	10.117	10.222	VV	927141	44573809	57.40%	1.461%
150	10.245	10.222	10.276	VV	663976	19691545	25.36%	0.645%
151	10.308	10.276	10.330	VV	910126	23933661	30.82%	0.784%
152	10.365	10.330	10.393	VV	1931114	45057380	58.03%	1.477%
153	10.446	10.393	10.472	VV	1107191	43253978	55.70%	1.418%
154	10.496	10.472	10.538	VV	1400151	36590725	47.12%	1.199%
155	10.581	10.538	10.610	VV	927611	34739853	44.74%	1.139%
156	10.635	10.610	10.660	VV	996252	25799182	33.23%	0.846%
157	10.705	10.660	10.750	VV	1260024	49554580	63.82%	1.624%
158	10.791	10.750	10.821	VV	2964261	67347122	86.73%	2.207%
159	10.828	10.821	10.861	VV	792108	17562371	22.62%	0.576%
160	10.871	10.861	10.887	VV	655747	9952379	12.82%	0.326%
161	10.918	10.887	10.937	VV	676645	19553845	25.18%	0.641%
162	10.975	10.937	11.017	VV	1079869	37170269	47.87%	1.218%
163	11.043	11.017	11.073	VV	751808	22282118	28.70%	0.730%
164	11.100	11.073	11.132	VV	814174	24142329	31.09%	0.791%
165	11.180	11.132	11.203	VV	667304	26023431	33.51%	0.853%
166	11.211	11.203	11.222	VV	593262	6875222	8.85%	0.225%
167	11.279	11.222	11.300	VV	776290	30430587	39.19%	0.997%
168	11.322	11.300	11.347	VV	738303	19048581	24.53%	0.624%
169	11.363	11.347	11.388	VV	697668	16631378	21.42%	0.545%
170	11.408	11.388	11.429	VV	1011088	19921897	25.66%	0.653%
171	11.447	11.429	11.470	VV	671998	16023139	20.64%	0.525%
172	11.504	11.470	11.537	VV	1753058	41766659	53.79%	1.369%
173	11.562	11.537	11.586	VV	629406	15961345	20.56%	0.523%
174	11.623	11.586	11.644	VV	700931	20487681	26.39%	0.672%
175	11.665	11.644	11.685	VV	574399	13347426	17.19%	0.437%
176	11.734	11.685	11.753	VV	988257	27286966	35.14%	0.894%
177	11.775	11.753	11.790	VV	776353	15404112	19.84%	0.505%
178	11.807	11.790	11.834	VV	929530	18324946	23.60%	0.601%
179	11.878	11.834	11.898	VV	495496	17877440	23.02%	0.586%
180	11.922	11.898	11.938	VV	666332	13656615	17.59%	0.448%
181	11.955	11.938	12.001	VV	663290	19002108	24.47%	0.623%
182	12.068	12.001	12.125	VV	792629	40018695	51.54%	1.312%
183	12.138	12.125	12.151	VV	427812	6577145	8.47%	0.216%
184	12.172	12.151	12.193	VV	472727	10715756	13.80%	0.351%
185	12.202	12.193	12.246	VV	403424	11909297	15.34%	0.390%
186	12.269	12.246	12.284	VV	449720	8951173	11.53%	0.293%
187	12.303	12.284	12.354	VV	497962	16823367	21.67%	0.551%
188	12.377	12.354	12.398	VV	368753	8875403	11.43%	0.291%
189	12.414	12.398	12.428	VV	359898	6144957	7.91%	0.201%
190	12.446	12.428	12.471	VV	345687	8524459	10.98%	0.279%
191	12.481	12.471	12.492	VV	347406	4150856	5.35%	0.136%
192	12.507	12.492	12.528	VV	353846	7020299	9.04%	0.230%
193	12.555	12.528	12.602	VV	419121	14828559	19.10%	0.486%
194	12.627	12.602	12.644	VV	329675	7351573	9.47%	0.241%

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195	12.666	12.644	12.684	VV	452143	8812659	11.35%	0.289%
196	12.703	12.684	12.752	VV	554336	14277498	18	
197	12.772	12.752	12.825	VV	286710	10681402	13	
198	12.851	12.825	12.886	VV	224018	7719316	9	
199	12.901	12.886	12.939	VV	217662	6218923	8	
200	12.971	12.939	13.006	VV	198227	7455767	9	
201	13.024	13.006	13.048	VV	193981	4344253	5.59%	0.142%
202	13.065	13.048	13.108	VV	186967	5867367	7.56%	0.192%
203	13.149	13.108	13.176	VV	551279	11079623	14.27%	0.363%
204	13.200	13.176	13.229	VV	196222	5402284	6.96%	0.177%
205	13.242	13.229	13.267	VV	142232	3084739	3.97%	0.101%
206	13.277	13.267	13.290	VV	128107	1735655	2.24%	0.057%
207	13.311	13.290	13.331	VV	188499	3653192	4.70%	0.120%
208	13.356	13.331	13.381	VV	151675	3994615	5.14%	0.131%
209	13.400	13.381	13.451	VV	151885	4868423	6.27%	0.160%
210	13.465	13.451	13.479	VV	110232	1694657	2.18%	0.056%
211	13.495	13.479	13.515	VV	104611	2125117	2.74%	0.070%
212	13.536	13.515	13.560	VV	116829	2689845	3.46%	0.088%
213	13.578	13.560	13.605	VV	92603	2376589	3.06%	0.078%
214	13.616	13.605	13.634	VV	81395	1376407	1.77%	0.045%
215	13.652	13.634	13.674	VV	80335	1808079	2.33%	0.059%
216	13.688	13.674	13.711	VV	70191	1476092	1.90%	0.048%
217	13.726	13.711	13.774	VV	69855	2519630	3.24%	0.083%
218	13.804	13.774	13.833	VV	70061	2210860	2.85%	0.072%
219	13.847	13.833	13.867	VV	58273	1106092	1.42%	0.036%
220	13.892	13.867	13.938	VV	77554	2438443	3.14%	0.080%
221	13.950	13.938	13.966	VV	51016	831130	1.07%	0.027%
222	13.974	13.966	14.000	VV	47306	917844	1.18%	0.030%
223	14.013	14.000	14.067	VV	42796	1577590	2.03%	0.052%
224	14.125	14.067	14.173	VV	42459	2273041	2.93%	0.075%
225	14.187	14.173	14.240	VV	31061	1177719	1.52%	0.039%
226	14.269	14.240	14.295	VV	33357	980008	1.26%	0.032%
227	14.304	14.295	14.343	VV	27218	721888	0.93%	0.024%
228	14.364	14.343	14.408	VV	24104	875213	1.13%	0.029%
229	14.417	14.408	14.433	VV	20853	301648	0.39%	0.010%
230	14.455	14.433	14.501	VV	33408	947564	1.22%	0.031%
231	14.516	14.501	14.545	VV	19737	486210	0.63%	0.016%
232	14.581	14.545	14.613	VV	18089	688754	0.89%	0.023%
233	14.622	14.613	14.641	VV	14590	246786	0.32%	0.008%
234	14.665	14.641	14.691	VV	14474	408232	0.53%	0.013%
235	14.707	14.691	14.797	VV	12875	745389	0.96%	0.024%
236	14.832	14.797	14.874	VV	92003	1435126	1.85%	0.047%
237	14.890	14.874	14.923	VV	8922	247326	0.32%	0.008%
238	14.935	14.923	14.968	VV	8374	219568	0.28%	0.007%
239	14.993	14.968	15.026	VV	13774	326998	0.42%	0.011%
240	15.038	15.026	15.059	VV	7274	137239	0.18%	0.004%
241	15.079	15.059	15.123	VV	6797	240848	0.31%	0.008%
242	15.138	15.123	15.167	VV	6006	141396	0.18%	0.005%
243	15.178	15.167	15.215	VV	5011	136148	0.18%	0.004%
244	15.243	15.215	15.311	VV	5465	250840	0.32%	0.008%
245	15.372	15.311	15.483	VV	31681	740330	0.95%	0.024%
246	15.514	15.483	15.578	VV	7670	230538	0.30%	0.008%

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247	15.596	15.578	15.631	VV	4194	96941	0.12%	0.003%
248	15.644	15.631	15.684	VV	1962	54420		
249	15.702	15.684	15.711	VV	1665	25271		
250	15.724	15.711	15.798	VV	1714	80513		
251	15.835	15.798	15.858	VV	1700	50082		
252	15.890	15.858	15.925	VV	1901	54598		
253	15.938	15.925	15.951	VV	906	13417	0.02%	0.000%
254	16.015	15.951	16.172	VV	5220	139252	0.18%	0.005%
255	16.199	16.172	16.229	VV	672	16987	0.02%	0.001%
256	16.240	16.229	16.274	VV	468	10723	0.01%	0.000%
257	16.320	16.274	16.341	VV	840	22789	0.03%	0.001%
258	16.386	16.341	16.431	VV	3443	80312	0.10%	0.003%
259	16.456	16.431	16.474	VV	820	17327	0.02%	0.001%
260	16.498	16.474	16.544	VV	4572	72837	0.09%	0.002%
261	16.581	16.544	16.611	VV	3107	48077	0.06%	0.002%
262	16.628	16.611	16.662	VV	991	15847	0.02%	0.001%
263	16.671	16.662	16.691	VV	320	4636	0.01%	0.000%
264	16.701	16.691	16.709	VV	244	2428	0.00%	0.000%
265	16.750	16.709	16.785	VV	1164	27838	0.04%	0.001%
266	16.797	16.785	16.834	VV	563	11700	0.02%	0.000%
267	16.869	16.834	16.921	VV	769	21257	0.03%	0.001%
268	16.966	16.921	16.995	VV	3576	56405	0.07%	0.002%
269	17.018	16.995	17.074	VV	1714	40879	0.05%	0.001%
270	17.099	17.074	17.146	VV	324	8259	0.01%	0.000%
271	17.184	17.146	17.244	PV	1498	30404	0.04%	0.001%
272	17.252	17.244	17.271	VV	235	2286	0.00%	0.000%
273	17.331	17.271	17.383	VV	3300	64077	0.08%	0.002%
274	17.416	17.383	17.449	VV	4965	72606	0.09%	0.002%
275	17.473	17.449	17.488	VV	253	4708	0.01%	0.000%
276	17.504	17.488	17.523	VV	461	5796	0.01%	0.000%
277	17.592	17.523	17.609	VV	390	7092	0.01%	0.000%
278	17.625	17.609	17.634	PV	134	1324	0.00%	0.000%
279	17.697	17.634	17.734	VV	452	11077	0.01%	0.000%
280	17.744	17.734	17.761	VV	206	2600	0.00%	0.000%
281	17.781	17.761	17.793	VV	971	13439	0.02%	0.000%
282	17.808	17.793	17.829	VV	1369	20889	0.03%	0.001%
283	17.854	17.829	17.891	VV	2655	41159	0.05%	0.001%
284	17.941	17.891	17.995	VV	1686	45409	0.06%	0.001%
285	18.046	17.995	18.063	VV	562	17576	0.02%	0.001%
286	18.092	18.063	18.114	VV	1746	32542	0.04%	0.001%
287	18.127	18.114	18.150	VV	600	11193	0.01%	0.000%
288	18.211	18.150	18.255	VV	17469	323490	0.42%	0.011%
289	18.279	18.255	18.316	VV	5480	93074	0.12%	0.003%
290	18.332	18.316	18.340	VV	617	7714	0.01%	0.000%
291	18.375	18.340	18.461	VV	3292	89775	0.12%	0.003%
292	18.494	18.461	18.524	VV	1136	30946	0.04%	0.001%
293	18.545	18.524	18.568	VV	777	18274	0.02%	0.001%
294	18.574	18.568	18.589	VV	641	7995	0.01%	0.000%
295	18.634	18.589	18.651	VV	1360	33740	0.04%	0.001%
296	18.684	18.651	18.705	VV	2791	60557	0.08%	0.002%
297	18.716	18.705	18.744	VV	1626	29067	0.04%	0.001%
298	18.807	18.744	18.834	VV	2501	93630	0.12%	0.003%
299	18.852	18.834	18.884	VV	1760	40804	0.05%	0.001%

Instrument :
FID_C
ClientSampleId :
GSB3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

rteres

300	18.898	18.884	18.920	VV	1124	21237	0.03%	0.001%
301	18.956	18.920	18.987	VV	1159	41915		
302	19.045	18.987	19.076	VV	16939	351048		
303	19.098	19.076	19.138	VV	5299	130118		
304	19.169	19.138	19.207	VV	2351	83015		
305	19.231	19.207	19.253	VV	2583	57358		
306	19.288	19.253	19.314	VV	4798	107993	0.14%	0.004%
307	19.329	19.314	19.367	VV	2197	62520	0.08%	0.002%
308	19.389	19.367	19.417	VV	1971	54039	0.07%	0.002%
309	19.473	19.417	19.488	VV	2206	81432	0.10%	0.003%
310	19.509	19.488	19.523	VV	2420	45906	0.06%	0.002%
311	19.580	19.523	19.614	VV	4704	176053	0.23%	0.006%
312	19.651	19.614	19.687	VV	3407	115796	0.15%	0.004%
313	19.749	19.687	19.791	VV	3411	169749	0.22%	0.006%
314	19.820	19.791	19.834	VV	4923	100364	0.13%	0.003%
315	19.847	19.834	19.871	VV	4498	86485	0.11%	0.003%
316	19.890	19.871	19.909	VV	3267	71763	0.09%	0.002%
317	19.951	19.909	19.971	VV	3021	109485	0.14%	0.004%
318	20.014	19.971	20.040	VV	3596	134445	0.17%	0.004%
319	20.072	20.040	20.080	VV	4690	94097	0.12%	0.003%
320	20.102	20.080	20.132	VV	6631	158036	0.20%	0.005%
321	20.154	20.132	20.167	VV	3878	79171	0.10%	0.003%
322	20.210	20.167	20.244	VV	4167	184234	0.24%	0.006%
323	20.268	20.244	20.280	VV	4133	86539	0.11%	0.003%
324	20.339	20.280	20.354	VV	4599	193094	0.25%	0.006%
325	20.381	20.354	20.420	VV	16940	338212	0.44%	0.011%
326	20.453	20.420	20.496	VV	4265	184926	0.24%	0.006%
327	20.535	20.496	20.555	VV	4697	151511	0.20%	0.005%
328	20.563	20.555	20.600	VV	4342	113928	0.15%	0.004%
329	20.645	20.600	20.668	VV	4046	158166	0.20%	0.005%
330	20.681	20.668	20.718	VV	3843	109558	0.14%	0.004%
331	20.731	20.718	20.833	VV	3794	237730	0.31%	0.008%
332	20.899	20.833	20.965	VV	3901	268988	0.35%	0.009%
333	20.986	20.965	21.022	VV	3179	107759	0.14%	0.004%
334	21.062	21.022	21.194	VV	3107	298040	0.38%	0.010%
335	21.200	21.194	21.221	VV	2553	39460	0.05%	0.001%
336	21.234	21.221	21.276	VV	2537	78424	0.10%	0.003%
337	21.306	21.276	21.364	VV	2365	113536	0.15%	0.004%
338	21.375	21.364	21.394	VV	2042	35276	0.05%	0.001%
339	21.433	21.394	21.538	VV	2325	178654	0.23%	0.006%
340	21.545	21.538	21.618	VV	1872	80888	0.10%	0.003%
341	21.686	21.618	21.784	VV	1728	144412	0.19%	0.005%
342	21.810	21.784	21.838	VV	1153	35026	0.05%	0.001%
343	21.847	21.838	21.891	VV	1106	30732	0.04%	0.001%
344	21.967	21.891	22.052	VV	1129	87919	0.11%	0.003%
345	22.092	22.052	22.101	VV	920	22439	0.03%	0.001%
346	22.148	22.101	22.207	VV	1053	57452	0.07%	0.002%
347	22.222	22.207	22.229	VV	747	9521	0.01%	0.000%
348	22.271	22.229	22.341	VV	747	40690	0.05%	0.001%
349	22.354	22.341	22.377	VV	711	4598	0.01%	0.000%
350	22.463	22.377	22.501	PBA	192	9688	0.01%	0.000%

Sum of corrected areas: 3050978622

Instrument :
FID_C
ClientSampleId :
GSB3

rteres

Aliphatic EPH 052425.M Thu May 29 06:46:36 2025

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052925AL\
Data File : FC069046.D
Signal(s) : FID1A.ch
Acq On : 29 May 2025 10:55
Operator : YP/AJ
Sample : Q2125-03DL 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB3DL

Integration File: autoint1.e
Quant Time: May 30 03:27:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc	Units

System Monitoring Compounds

Target Compounds

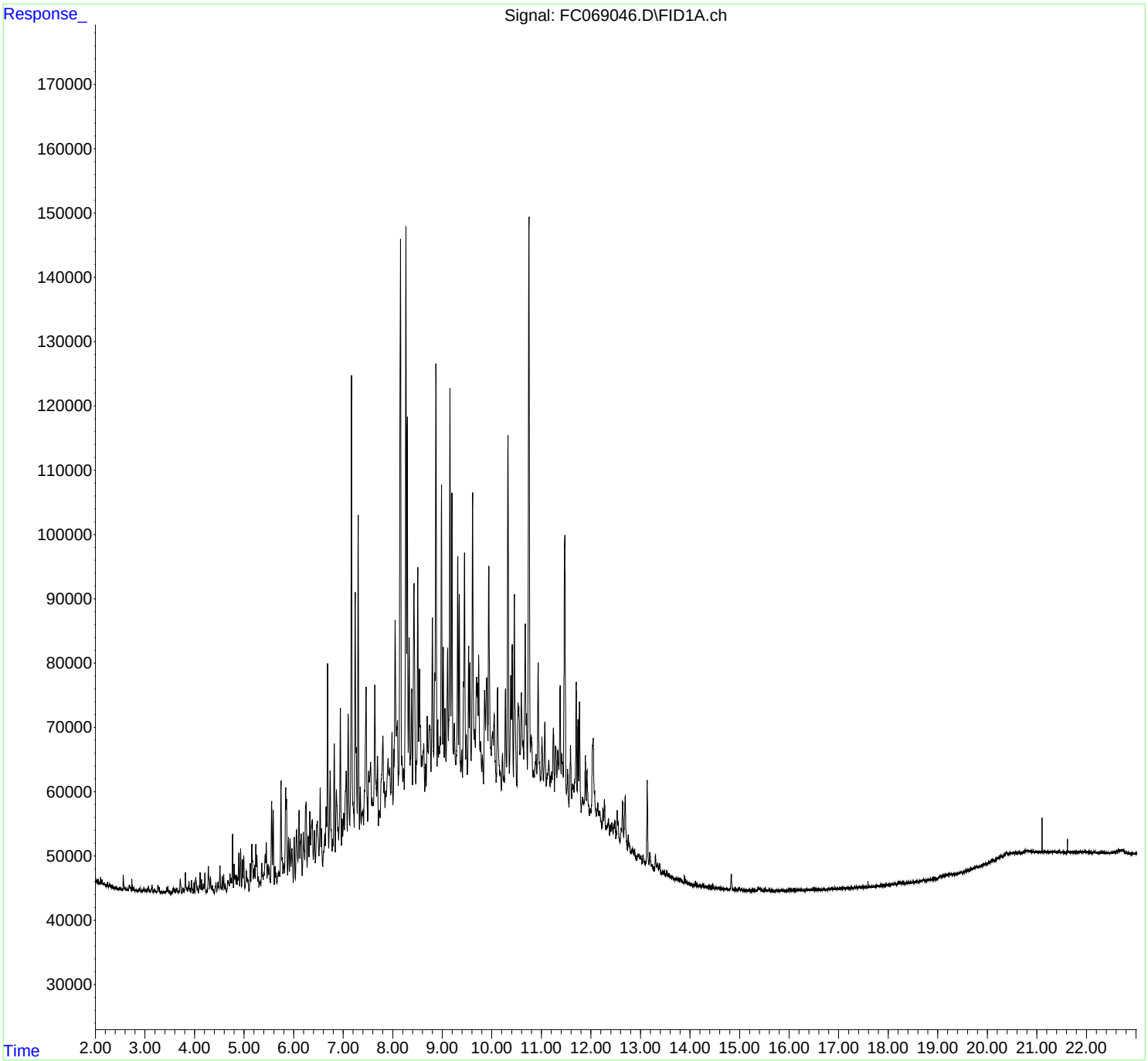
(f)=RT Delta > 1/2 Window (m)=manual int.

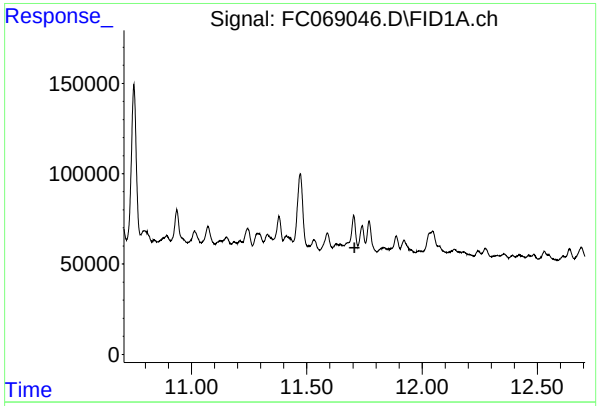
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052925AL\
Data File : FC069046.D
Signal(s) : FID1A.ch
Acq On : 29 May 2025 10:55
Operator : YP/AJ
Sample : Q2125-03DL 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB3DL

Integration File: autoint1.e
Quant Time: May 30 03:27:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

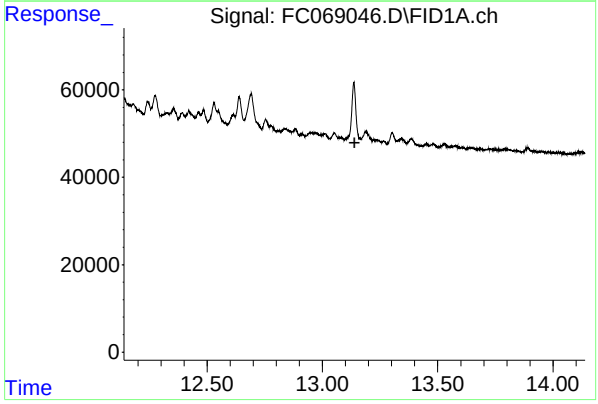




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.707 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
GSB3DL



#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T. : 13.139 min
Response: 0
Conc: N.D.

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052925AL\
Data File : FC069046.D
Signal(s) : FID1A.ch
Acq On : 29 May 2025 10:55
Sample : Q2125-03DL 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.263	3.204	3.277	BV	1109	12460	0.62%	0.018%
2	3.287	3.277	3.308	VV	738	6117	0.30%	0.009%
3	3.317	3.308	3.373	PV	161	2972	0.15%	0.004%
4	3.388	3.373	3.403	VV	191	1778	0.09%	0.003%
5	3.439	3.403	3.450	VV	875	9915	0.49%	0.014%
6	3.462	3.450	3.479	VV	1117	10586	0.52%	0.015%
7	3.490	3.479	3.519	VV	362	4379	0.22%	0.006%
8	3.570	3.519	3.582	PV	782	10244	0.51%	0.015%
9	3.594	3.582	3.608	VV	709	7340	0.36%	0.011%
10	3.641	3.608	3.674	VV	850	16627	0.82%	0.024%
11	3.712	3.674	3.744	VV	2162	31929	1.58%	0.046%
12	3.769	3.744	3.791	PV	741	13262	0.66%	0.019%
13	3.815	3.791	3.861	VV	3244	47605	2.35%	0.069%
14	3.889	3.861	3.923	VV	1811	30247	1.50%	0.044%
15	3.939	3.923	3.972	VV	1962	23448	1.16%	0.034%
16	3.989	3.972	4.005	VV	1613	14487	0.72%	0.021%
17	4.025	4.005	4.078	VV	2414	46656	2.31%	0.067%
18	4.113	4.078	4.129	VV	3162	43471	2.15%	0.063%
19	4.141	4.129	4.160	VV	2128	23149	1.14%	0.033%
20	4.178	4.160	4.192	VV	1351	18125	0.90%	0.026%
21	4.209	4.192	4.233	VV	3136	34116	1.69%	0.049%
22	4.280	4.233	4.308	VV	4098	61644	3.05%	0.089%
23	4.322	4.308	4.347	VV	2498	32235	1.59%	0.047%
24	4.359	4.347	4.401	VV	1105	16322	0.81%	0.024%
25	4.433	4.401	4.451	PV	1428	22047	1.09%	0.032%
26	4.472	4.451	4.494	VV	1589	24530	1.21%	0.035%
27	4.514	4.494	4.541	VV	4126	50042	2.47%	0.072%
28	4.560	4.541	4.573	VV	2514	25086	1.24%	0.036%
29	4.589	4.573	4.607	VV	2769	29879	1.48%	0.043%
30	4.621	4.607	4.647	VV	1332	16795	0.83%	0.024%
31	4.674	4.647	4.704	VV	1764	38693	1.91%	0.056%
32	4.718	4.704	4.730	VV	2833	30883	1.53%	0.045%
33	4.740	4.730	4.751	VV	2124	23031	1.14%	0.033%
34	4.769	4.751	4.786	VV	9039	89506	4.42%	0.129%
35	4.801	4.786	4.836	VV	4248	71736	3.55%	0.104%
36	4.848	4.836	4.859	VV	2535	25387	1.25%	0.037%

rteres

37	4.894	4.859	4.911	VV	6004	88845	4.39%	0.128%
38	4.931	4.911	4.952	VV	6641	82656	4.09%	0.119%
39	4.970	4.952	4.981	VV	4860	51315	2.54%	0.074%
40	4.994	4.981	5.015	VV	5544	61093	3.02%	0.088%
41	5.046	5.015	5.099	VV	3135	78121	3.86%	0.113%
42	5.125	5.099	5.138	PV	4157	42838	2.12%	0.062%
43	5.157	5.138	5.185	VV	7213	122440	6.05%	0.177%
44	5.195	5.185	5.203	VV	3196	28690	1.42%	0.041%
45	5.214	5.203	5.223	VV	3918	36716	1.81%	0.053%
46	5.237	5.223	5.249	VV	7060	71573	3.54%	0.103%
47	5.258	5.249	5.279	VV	5418	65359	3.23%	0.094%
48	5.288	5.279	5.303	VV	2042	20225	1.00%	0.029%
49	5.320	5.303	5.337	VV	1209	19390	0.96%	0.028%
50	5.358	5.337	5.387	VV	4051	66926	3.31%	0.097%
51	5.426	5.387	5.436	VV	5331	97895	4.84%	0.142%
52	5.449	5.436	5.466	VV	7173	82199	4.06%	0.119%
53	5.482	5.466	5.496	VV	3622	51553	2.55%	0.075%
54	5.507	5.496	5.531	VV	3332	42820	2.12%	0.062%
55	5.556	5.531	5.573	VV	13469	169267	8.37%	0.245%
56	5.589	5.573	5.611	VV	12102	140002	6.92%	0.202%
57	5.626	5.611	5.639	VV	3224	34093	1.69%	0.049%
58	5.647	5.639	5.663	VV	2165	21912	1.08%	0.032%
59	5.693	5.663	5.704	VV	2315	40144	1.98%	0.058%
60	5.745	5.704	5.784	VV	16277	269320	13.31%	0.389%
61	5.803	5.784	5.816	VV	3517	53486	2.64%	0.077%
62	5.841	5.816	5.879	VV	15134	325962	16.11%	0.471%
63	5.898	5.879	5.915	VV	7414	99875	4.94%	0.144%
64	5.930	5.915	5.948	VV	7116	93162	4.60%	0.135%
65	5.966	5.948	5.993	VV	5578	97595	4.82%	0.141%
66	6.013	5.993	6.035	VV	7396	93483	4.62%	0.135%
67	6.059	6.035	6.087	VV	8357	162807	8.05%	0.235%
68	6.110	6.087	6.127	VV	11419	169525	8.38%	0.245%
69	6.153	6.127	6.173	VV	7815	143250	7.08%	0.207%
70	6.197	6.173	6.223	VV	7876	141753	7.01%	0.205%
71	6.252	6.223	6.273	VV	12394	252588	12.49%	0.365%
72	6.292	6.273	6.311	VV	7093	129311	6.39%	0.187%
73	6.328	6.311	6.344	VV	11044	149675	7.40%	0.216%
74	6.377	6.344	6.398	VV	9698	236383	11.68%	0.342%
75	6.421	6.398	6.439	VV	7942	133183	6.58%	0.193%
76	6.477	6.439	6.512	VV	9285	281821	13.93%	0.407%
77	6.537	6.512	6.552	VV	14446	198913	9.83%	0.288%
78	6.561	6.552	6.586	VV	8078	108206	5.35%	0.156%
79	6.628	6.586	6.639	VV	7032	157446	7.78%	0.228%
80	6.656	6.639	6.667	VV	11370	149426	7.39%	0.216%
81	6.687	6.667	6.709	VV	33490	412626	20.40%	0.597%
82	6.738	6.709	6.778	VV	16749	379229	18.74%	0.548%
83	6.821	6.778	6.840	VV	20974	366726	18.13%	0.530%
84	6.864	6.840	6.908	VV	13709	378498	18.71%	0.547%
85	6.944	6.908	6.967	VV	26336	441716	21.83%	0.639%
86	6.980	6.967	6.993	VV	9142	115941	5.73%	0.168%
87	7.011	6.993	7.025	VV	9904	160446	7.93%	0.232%
88	7.062	7.025	7.082	VV	16492	419293	20.72%	0.606%
89	7.102	7.082	7.132	VV	25332	440944	21.80%	0.637%

rteres

90	7.168	7.132	7.223	VV	77816	1267744	62.66%	1.833%
91	7.243	7.223	7.284	VV	43469	796265	39.36%	1.151%
92	7.303	7.284	7.329	VV	55556	702751	34.74%	1.016%
93	7.346	7.329	7.365	VV	13675	221750	10.96%	0.321%
94	7.379	7.365	7.387	VV	9688	122248	6.04%	0.177%
95	7.397	7.387	7.412	VV	9903	136017	6.72%	0.197%
96	7.463	7.412	7.496	VV	29220	812122	40.14%	1.174%
97	7.515	7.496	7.529	VV	15779	265232	13.11%	0.383%
98	7.554	7.529	7.576	VV	17187	418489	20.69%	0.605%
99	7.585	7.576	7.598	VV	11778	152272	7.53%	0.220%
100	7.640	7.598	7.677	VV	28968	755527	37.34%	1.092%
101	7.695	7.677	7.713	VV	18084	287975	14.23%	0.416%
102	7.733	7.713	7.747	VV	9428	179222	8.86%	0.259%
103	7.803	7.747	7.821	VV	21115	679962	33.61%	0.983%
104	7.830	7.821	7.846	VV	13808	185377	9.16%	0.268%
105	7.907	7.846	7.925	VV	17485	662821	32.76%	0.958%
106	7.940	7.925	7.959	VV	15909	294140	14.54%	0.425%
107	7.986	7.959	8.006	VV	21278	421404	20.83%	0.609%
108	8.050	8.006	8.072	VV	38566	896965	44.34%	1.297%
109	8.094	8.072	8.114	VV	23086	513088	25.36%	0.742%
110	8.158	8.114	8.204	VV	97134	2023130	100.00%	2.925%
111	8.219	8.204	8.233	VV	15483	251514	12.43%	0.364%
112	8.267	8.233	8.282	VV	99889	1385442	68.48%	2.003%
113	8.295	8.282	8.315	VV	69997	846513	41.84%	1.224%
114	8.334	8.315	8.352	VV	35808	563782	27.87%	0.815%
115	8.381	8.352	8.400	VV	27728	573345	28.34%	0.829%
116	8.429	8.400	8.466	VV	44134	1077259	53.25%	1.557%
117	8.507	8.466	8.525	VV	46178	866313	42.82%	1.252%
118	8.541	8.525	8.577	VV	30723	709235	35.06%	1.025%
119	8.587	8.577	8.598	VV	17012	206632	10.21%	0.299%
120	8.627	8.598	8.649	VV	19066	497623	24.60%	0.719%
121	8.664	8.649	8.677	VV	15698	235606	11.65%	0.341%
122	8.697	8.677	8.717	VV	23074	441115	21.80%	0.638%
123	8.741	8.717	8.774	VV	21735	660674	32.66%	0.955%
124	8.802	8.774	8.827	VV	38319	769769	38.05%	1.113%
125	8.874	8.827	8.897	VV	77935	1543978	76.32%	2.232%
126	8.911	8.897	8.926	VV	22272	325658	16.10%	0.471%
127	8.935	8.926	8.948	VV	18165	229637	11.35%	0.332%
128	8.986	8.948	9.006	VV	58398	1065316	52.66%	1.540%
129	9.021	9.006	9.040	VV	33480	504331	24.93%	0.729%
130	9.058	9.040	9.076	VV	23943	417987	20.66%	0.604%
131	9.109	9.076	9.125	VV	33349	708111	35.00%	1.024%
132	9.157	9.125	9.176	VV	73347	1155615	57.12%	1.671%
133	9.196	9.176	9.228	VV	57511	986202	48.75%	1.426%
134	9.243	9.228	9.271	VV	21355	474759	23.47%	0.686%
135	9.313	9.271	9.329	VV	46613	875971	43.30%	1.266%
136	9.344	9.329	9.376	VV	41540	670870	33.16%	0.970%
137	9.393	9.376	9.408	VV	16996	292013	14.43%	0.422%
138	9.450	9.408	9.474	VV	47802	1069094	52.84%	1.546%
139	9.487	9.474	9.507	VV	19237	338721	16.74%	0.490%
140	9.533	9.507	9.546	VV	32824	520386	25.72%	0.752%
141	9.559	9.546	9.584	VV	30497	504835	24.95%	0.730%

rteres

142	9.614	9.584	9.667	VV	56641	1370345	67.73%	1.981%
143	9.691	9.667	9.702	VV	27937	495522	24.49%	0.716%
144	9.710	9.702	9.723	VV	27259	328653	16.24%	0.475%
145	9.737	9.723	9.763	VV	31443	571501	28.25%	0.826%
146	9.774	9.763	9.797	VV	17941	323364	15.98%	0.467%
147	9.811	9.797	9.832	VV	15895	303653	15.01%	0.439%
148	9.857	9.832	9.876	VV	25667	521807	25.79%	0.754%
149	9.899	9.876	9.921	VV	27690	652594	32.26%	0.943%
150	9.939	9.921	9.990	VV	44923	1088422	53.80%	1.574%
151	10.015	9.990	10.030	VV	19347	436565	21.58%	0.631%
152	10.049	10.030	10.088	VV	21784	602895	29.80%	0.872%
153	10.116	10.088	10.194	VV	26180	982707	48.57%	1.421%
154	10.217	10.194	10.254	VV	15612	454071	22.44%	0.656%
155	10.276	10.254	10.299	VV	25486	478450	23.65%	0.692%
156	10.327	10.299	10.355	VV	65003	1119628	55.34%	1.619%
157	10.385	10.355	10.397	VV	27559	514284	25.42%	0.744%
158	10.412	10.397	10.436	VV	32079	532893	26.34%	0.770%
159	10.456	10.436	10.504	VV	40174	866040	42.81%	1.252%
160	10.531	10.504	10.571	VV	22781	733395	36.25%	1.060%
161	10.597	10.571	10.643	VV	24524	806101	39.84%	1.165%
162	10.676	10.643	10.718	VV	35314	1005423	49.70%	1.454%
163	10.750	10.718	10.780	VV	98347	1693836	83.72%	2.449%
164	10.795	10.780	10.828	VV	17472	451177	22.30%	0.652%
165	10.839	10.828	10.853	VV	12342	173179	8.56%	0.250%
166	10.893	10.853	10.909	VV	14744	442992	21.90%	0.640%
167	10.937	10.909	10.984	VV	28924	735440	36.35%	1.063%
168	11.014	10.984	11.042	VV	17102	460782	22.78%	0.666%
169	11.072	11.042	11.101	VV	19553	494776	24.46%	0.715%
170	11.152	11.101	11.173	VV	13572	495857	24.51%	0.717%
171	11.185	11.173	11.197	VV	11013	149428	7.39%	0.216%
172	11.210	11.197	11.220	VV	11668	152433	7.53%	0.220%
173	11.243	11.220	11.265	VV	18380	375350	18.55%	0.543%
174	11.287	11.265	11.312	VV	15531	379028	18.73%	0.548%
175	11.330	11.312	11.354	VV	14912	326339	16.13%	0.472%
176	11.380	11.354	11.398	VV	24770	454590	22.47%	0.657%
177	11.411	11.398	11.440	VV	14047	322314	15.93%	0.466%
178	11.471	11.440	11.511	VV	48183	987977	48.83%	1.428%
179	11.531	11.511	11.556	VV	11683	246257	12.17%	0.356%
180	11.589	11.556	11.612	VV	15388	339161	16.76%	0.490%
181	11.629	11.612	11.638	VV	9270	133756	6.61%	0.193%
182	11.646	11.638	11.660	VV	8879	117478	5.81%	0.170%
183	11.704	11.660	11.722	VV	25046	497470	24.59%	0.719%
184	11.740	11.722	11.755	VV	19408	275001	13.59%	0.398%
185	11.770	11.755	11.804	VV	21960	354606	17.53%	0.513%
186	11.834	11.804	11.851	VV	6984	176406	8.72%	0.255%
187	11.888	11.851	11.905	VV	13403	278412	13.76%	0.403%
188	11.922	11.905	11.971	VV	11015	283250	14.00%	0.409%
189	11.987	11.971	12.002	VV	5021	87991	4.35%	0.127%
190	12.045	12.002	12.108	VV	15886	573639	28.35%	0.829%
191	12.140	12.108	12.224	VV	5809	278846	13.78%	0.403%
192	12.243	12.224	12.257	VV	4821	71812	3.55%	0.104%
193	12.275	12.257	12.299	VV	6216	101960	5.04%	0.147%
194	12.326	12.299	12.335	VV	2162	40203	1.99%	0.058%

rteres

195	12.355	12.335	12.376	VV	3116	52689	2.60%	0.076%
196	12.392	12.376	12.405	VV	2115	26570	1.31%	0.038%
197	12.421	12.405	12.447	VV	2415	43054	2.13%	0.062%
198	12.484	12.447	12.501	VBA	2706	59743	2.95%	0.086%
199	12.530	12.501	12.588	BV	4499	83870	4.15%	0.121%
200	12.613	12.588	12.620	VV	2320	26312	1.30%	0.038%
201	12.639	12.620	12.660	VV	6639	93627	4.63%	0.135%
202	12.691	12.660	12.736	VV	7831	155765	7.70%	0.225%
203	12.754	12.736	12.801	VV	2460	42130	2.08%	0.061%
204	12.810	12.801	12.820	VV	313	2809	0.14%	0.004%
205	12.839	12.820	12.871	VV	981	20172	1.00%	0.029%
206	12.883	12.871	12.904	VV	1224	13156	0.65%	0.019%
207	12.912	12.904	12.926	VV	352	2410	0.12%	0.003%
208	12.952	12.926	12.991	PV	918	26108	1.29%	0.038%
209	13.011	12.991	13.032	VV	1004	14333	0.71%	0.021%
210	13.052	13.032	13.072	PV	1347	15806	0.78%	0.023%
211	13.080	13.072	13.096	VV	476	4885	0.24%	0.007%
212	13.137	13.096	13.166	VV	13341	169546	8.38%	0.245%
213	13.189	13.166	13.219	VV	2289	42389	2.10%	0.061%
214	13.228	13.219	13.255	VV	685	11614	0.57%	0.017%
215	13.265	13.255	13.281	VV	546	5291	0.26%	0.008%
216	13.303	13.281	13.322	PV	2581	32953	1.63%	0.048%
217	13.344	13.322	13.365	VV	1303	24871	1.23%	0.036%
218	13.385	13.365	13.433	VV	1537	26094	1.29%	0.038%
219	13.450	13.433	13.465	VV	555	5884	0.29%	0.009%
220	13.482	13.465	13.503	VV	639	8305	0.41%	0.012%
221	13.530	13.503	13.553	PV	778	12515	0.62%	0.018%
222	13.576	13.553	13.601	VV	542	9880	0.49%	0.014%
223	13.606	13.601	13.624	VV	326	2372	0.12%	0.003%
224	13.641	13.624	13.668	PV	286	5016	0.25%	0.007%
225	13.684	13.668	13.711	VV	154	2141	0.11%	0.003%
226	13.730	13.711	13.771	VV	224	7052	0.35%	0.010%
227	13.796	13.771	13.831	VV	463	10555	0.52%	0.015%
228	13.838	13.831	13.864	VV	282	3390	0.17%	0.005%
229	13.890	13.864	13.934	PV	983	16577	0.82%	0.024%
230	13.947	13.934	13.971	VV	336	5182	0.26%	0.007%
231	13.980	13.971	14.075	VV	223	8800	0.43%	0.013%
232	14.112	14.075	14.152	PV	465	12786	0.63%	0.018%
233	14.160	14.152	14.188	VV	134	2265	0.11%	0.003%
234	14.192	14.188	14.199	VV	216	1128	0.06%	0.002%
235	14.207	14.199	14.240	VV	194	2862	0.14%	0.004%
236	14.267	14.240	14.344	VV	313	10679	0.53%	0.015%
237	14.359	14.344	14.428	VV	144	4447	0.22%	0.006%
238	14.454	14.428	14.503	PV	506	7642	0.38%	0.011%
239	14.520	14.503	14.541	VV	113	1639	0.08%	0.002%
240	14.585	14.541	14.602	VV	185	3910	0.19%	0.006%
241	14.617	14.602	14.638	VV	144	2333	0.12%	0.003%
242	14.649	14.638	14.721	VV	120	3308	0.16%	0.005%
243	14.731	14.721	14.743	PV	99	690	0.03%	0.001%
244	14.760	14.743	14.798	VV	127	1765	0.09%	0.003%
245	14.831	14.798	14.921	PV	2333	33503	1.66%	0.048%
246	14.992	14.921	15.021	PV	383	8742	0.43%	0.013%

rteres

247	15.041	15.021	15.068	VV	134	1918	0.09%	0.003%
248	15.084	15.068	15.114	VV	112	1815	0.09%	0.003%
249	15.120	15.114	15.186	VV	111	2365	0.12%	0.003%
250	15.191	15.186	15.217	VV	75	891	0.04%	0.001%
251	15.239	15.217	15.284	PV	114	2428	0.12%	0.004%
252	15.299	15.284	15.340	VV	120	2198	0.11%	0.003%
253	15.376	15.340	15.491	VV	565	17063	0.84%	0.025%
254	15.516	15.491	15.552	VV	259	4702	0.23%	0.007%
255	15.593	15.552	15.652	VV	203	5202	0.26%	0.008%
256	15.663	15.652	15.729	PV	113	985	0.05%	0.001%
257	15.756	15.729	15.857	PV	116	4149	0.21%	0.006%
258	15.917	15.857	15.968	VV	99	2650	0.13%	0.004%
259	16.015	15.968	16.058	VV	249	4472	0.22%	0.006%
260	16.077	16.058	16.133	VV	135	2340	0.12%	0.003%
261	16.154	16.133	16.212	VV	187	4138	0.20%	0.006%
262	16.219	16.212	16.229	VV	95	697	0.03%	0.001%
263	16.238	16.229	16.261	VV	67	948	0.05%	0.001%
264	16.266	16.261	16.277	VV	104	568	0.03%	0.001%
265	16.285	16.277	16.341	PV	91	1769	0.09%	0.003%
266	16.349	16.341	16.384	VV	105	1452	0.07%	0.002%
267	16.397	16.384	16.410	VV	127	1254	0.06%	0.002%
268	16.503	16.410	16.525	PV	304	7483	0.37%	0.011%
269	16.534	16.525	16.561	VV	169	2145	0.11%	0.003%
270	16.587	16.561	16.721	VV	184	6388	0.32%	0.009%
271	16.728	16.721	16.738	PV	86	347	0.02%	0.001%
272	16.871	16.738	16.906	VV	195	6285	0.31%	0.009%
273	16.968	16.906	17.004	VV	238	4587	0.23%	0.007%
274	17.024	17.004	17.035	VV	129	1413	0.07%	0.002%
275	17.043	17.035	17.075	VV	137	1831	0.09%	0.003%
276	17.144	17.075	17.171	VV	66	2376	0.12%	0.003%
277	17.180	17.171	17.193	PV	97	689	0.03%	0.001%
278	17.258	17.193	17.290	VV	114	4084	0.20%	0.006%
279	17.308	17.290	17.319	VV	88	1276	0.06%	0.002%
280	17.333	17.319	17.386	VV	174	4908	0.24%	0.007%
281	17.419	17.386	17.442	VV	230	4670	0.23%	0.007%
282	17.518	17.442	17.558	VV	176	6164	0.30%	0.009%
283	17.568	17.558	17.574	VV	58	447	0.02%	0.001%
284	17.591	17.574	17.617	PV	385	2448	0.12%	0.004%
285	17.631	17.617	17.675	VV	158	2640	0.13%	0.004%
286	17.707	17.675	17.720	PV	93	1549	0.08%	0.002%
287	17.746	17.720	17.758	VV	75	1179	0.06%	0.002%
288	17.812	17.758	17.830	VV	125	3236	0.16%	0.005%
289	17.853	17.830	17.879	VV	227	3216	0.16%	0.005%
290	17.903	17.879	17.914	VV	116	1678	0.08%	0.002%
291	17.941	17.914	17.974	VV	163	3594	0.18%	0.005%
292	18.008	17.974	18.033	VV	140	3148	0.16%	0.005%
293	18.059	18.033	18.075	VV	109	1946	0.10%	0.003%
294	18.139	18.075	18.164	VV	207	5568	0.28%	0.008%
295	18.185	18.164	18.197	VV	98	1666	0.08%	0.002%
296	18.225	18.197	18.265	VV	353	9251	0.46%	0.013%
297	18.284	18.265	18.321	VV	271	5519	0.27%	0.008%
298	18.345	18.321	18.354	VV	97	1174	0.06%	0.002%
299	18.379	18.354	18.434	VV	164	4106	0.20%	0.006%

rteres

300	18.448	18.434	18.464	PV	81	910	0.04%	0.001%
301	18.470	18.464	18.481	VV	31	404	0.02%	0.001%
302	18.521	18.481	18.539	VV	116	2054	0.10%	0.003%
303	18.554	18.539	18.577	VV	100	1061	0.05%	0.002%
304	18.658	18.577	18.667	VV	105	2356	0.12%	0.003%
305	18.712	18.667	18.740	VV	190	5175	0.26%	0.007%
306	18.841	18.740	18.871	VV	119	5260	0.26%	0.008%
307	18.931	18.871	18.944	VV	107	1918	0.09%	0.003%
308	18.975	18.944	18.988	PV	103	1238	0.06%	0.002%
309	19.050	18.988	19.064	PV	398	6962	0.34%	0.010%
310	19.069	19.064	19.086	VV	253	2750	0.14%	0.004%
311	19.112	19.086	19.120	VV	210	3520	0.17%	0.005%
312	19.208	19.120	19.220	VV	270	11896	0.59%	0.017%
313	19.232	19.220	19.244	VV	263	3125	0.15%	0.005%
314	19.422	19.244	19.431	VV	76	11138	0.55%	0.016%

Sum of corrected areas: 69170602

Aliphatic EPH 052425.M Fri May 30 10:53:03 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069036.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 17:54
Operator : YP/AJ
Sample : Q2125-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB4

Integration File: autoint1.e
Quant Time: May 29 05:45:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.708	5347810	43.357 ug/ml
Spiked Amount 50.000		Recovery =	86.71%
12) S 1-chlorooctadecane (S...	13.140	4165506	46.431 ug/ml
Spiked Amount 50.000		Recovery =	92.86%
Target Compounds			

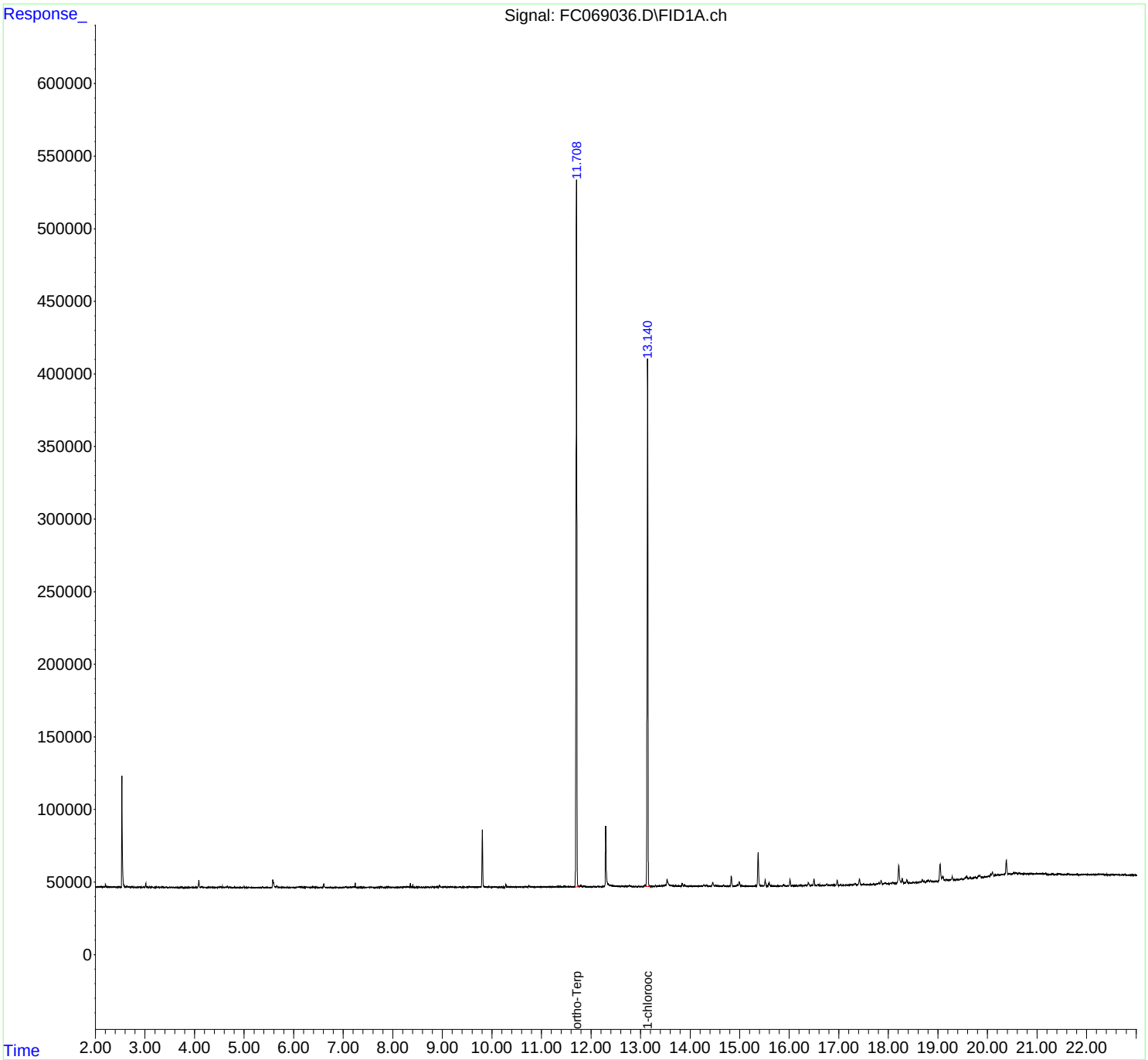
(f)=RT Delta > 1/2 Window (m)=manual int.

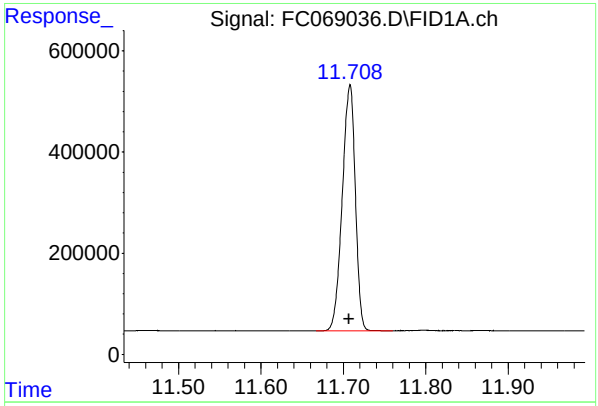
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069036.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 17:54
Operator : YP/AJ
Sample : Q2125-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB4

Integration File: autoint1.e
Quant Time: May 29 05:45:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

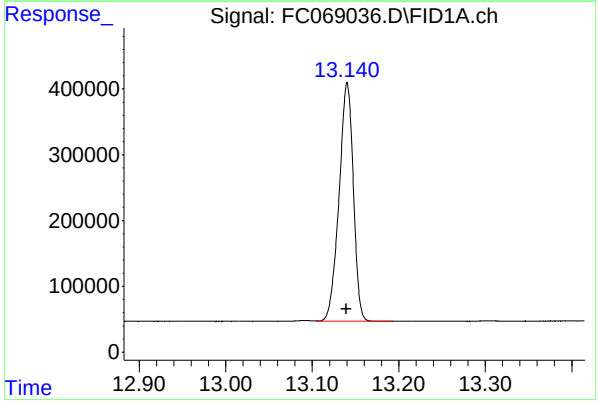




#9 ortho-Terphenyl (SURR)

R.T.: 11.708 min
Delta R.T.: 0.000 min
Response: 5347810
Conc: 43.36 ug/ml

Instrument :
FID_C
ClientSampleId :
GSB4



#12 1-chlorooctadecane (SURR)

R.T.: 13.140 min
Delta R.T.: 0.000 min
Response: 4165506
Conc: 46.43 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069036.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 17:54
Sample : Q2125-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.233	3.204	3.281	BV	137	2211	0.04%	0.012%
2	3.320	3.281	3.364	PV	307	7091	0.13%	0.039%
3	3.370	3.364	3.432	VV	61	2679	0.05%	0.015%
4	3.439	3.432	3.469	VV	104	1413	0.03%	0.008%
5	3.477	3.469	3.513	VV	135	1292	0.02%	0.007%
6	3.534	3.513	3.551	VV	136	1919	0.04%	0.010%
7	3.555	3.551	3.588	VV	114	1531	0.03%	0.008%
8	3.597	3.588	3.606	VV	85	638	0.01%	0.003%
9	3.625	3.606	3.657	VV	126	2016	0.04%	0.011%
10	3.695	3.657	3.708	VV	94	1360	0.03%	0.007%
11	3.745	3.708	3.771	VV	186	3822	0.07%	0.021%
12	3.817	3.771	3.889	VV	144	5450	0.10%	0.030%
13	3.909	3.889	3.974	PV	107	4241	0.08%	0.023%
14	4.029	3.974	4.038	VV	170	4118	0.08%	0.022%
15	4.045	4.038	4.057	VV	150	1433	0.03%	0.008%
16	4.087	4.057	4.118	VV	5170	54090	1.01%	0.295%
17	4.134	4.118	4.214	VV	435	15166	0.28%	0.083%
18	4.221	4.214	4.259	VV	211	3913	0.07%	0.021%
19	4.309	4.259	4.371	VV	236	10483	0.20%	0.057%
20	4.405	4.371	4.415	VV	206	3480	0.06%	0.019%
21	4.424	4.415	4.467	VV	144	3984	0.07%	0.022%
22	4.482	4.467	4.490	VV	242	2959	0.06%	0.016%
23	4.515	4.490	4.541	VV	827	11992	0.22%	0.065%
24	4.557	4.541	4.574	VV	575	4705	0.09%	0.026%
25	4.586	4.574	4.604	VV	210	3135	0.06%	0.017%
26	4.611	4.604	4.637	VV	232	3863	0.07%	0.021%
27	4.659	4.637	4.731	VV	1024	17997	0.34%	0.098%
28	4.740	4.731	4.759	VV	191	2441	0.05%	0.013%
29	4.777	4.759	4.828	VV	152	4745	0.09%	0.026%
30	4.853	4.828	4.902	VV	178	4542	0.08%	0.025%
31	4.910	4.902	4.925	VV	106	866	0.02%	0.005%
32	4.934	4.925	4.942	VV	87	588	0.01%	0.003%
33	4.957	4.942	4.971	PV	63	1031	0.02%	0.006%
34	5.001	4.971	5.037	VV	443	6857	0.13%	0.037%
35	5.052	5.037	5.068	VV	147	1885	0.04%	0.010%
36	5.087	5.068	5.140	VV	270	6275	0.12%	0.034%

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37	5.150	5.140	5.177	VV	143	1758	0.03%	0.010%
38	5.216	5.177	5.234	VV	120	2622	0.05%	0.014%
39	5.262	5.234	5.273	VV	197	2827	0.05%	0.015%
40	5.278	5.273	5.288	VV	109	861	0.02%	0.005%
41	5.298	5.288	5.324	VV	117	1819	0.03%	0.010%
42	5.374	5.324	5.398	VV	822	10912	0.20%	0.060%
43	5.403	5.398	5.424	VV	110	1292	0.02%	0.007%
44	5.441	5.424	5.457	VV	162	2127	0.04%	0.012%
45	5.471	5.457	5.499	VV	109	1861	0.03%	0.010%
46	5.580	5.499	5.640	PV	5319	90185	1.68%	0.492%
47	5.658	5.640	5.731	VV	1523	24224	0.45%	0.132%
48	5.772	5.731	5.826	VV	241	9454	0.18%	0.052%
49	5.839	5.826	5.847	VV	169	1893	0.04%	0.010%
50	5.856	5.847	5.891	VV	189	3488	0.07%	0.019%
51	5.901	5.891	5.948	VV	232	4904	0.09%	0.027%
52	5.969	5.948	6.035	VV	193	5718	0.11%	0.031%
53	6.067	6.035	6.084	VV	450	7418	0.14%	0.040%
54	6.105	6.084	6.164	VV	509	16798	0.31%	0.092%
55	6.177	6.164	6.230	VV	280	7579	0.14%	0.041%
56	6.255	6.230	6.291	VV	482	9492	0.18%	0.052%
57	6.297	6.291	6.363	VV	214	7359	0.14%	0.040%
58	6.385	6.363	6.408	VV	501	8098	0.15%	0.044%
59	6.424	6.408	6.447	VV	219	3787	0.07%	0.021%
60	6.456	6.447	6.492	VV	155	2781	0.05%	0.015%
61	6.533	6.492	6.564	VV	187	4652	0.09%	0.025%
62	6.574	6.564	6.591	VV	95	1318	0.02%	0.007%
63	6.608	6.591	6.648	VV	2665	30546	0.57%	0.167%
64	6.656	6.648	6.671	VV	189	2232	0.04%	0.012%
65	6.687	6.671	6.749	VV	204	5580	0.10%	0.030%
66	6.765	6.749	6.851	VV	179	5734	0.11%	0.031%
67	6.862	6.851	6.872	VV	147	1550	0.03%	0.008%
68	6.879	6.872	6.906	VV	155	1493	0.03%	0.008%
69	6.930	6.906	6.969	VV	167	3273	0.06%	0.018%
70	6.989	6.969	7.008	VV	125	2153	0.04%	0.012%
71	7.054	7.008	7.071	VV	316	9086	0.17%	0.050%
72	7.073	7.071	7.102	VV	315	3634	0.07%	0.020%
73	7.138	7.102	7.149	VV	208	4752	0.09%	0.026%
74	7.197	7.149	7.234	VV	498	12743	0.24%	0.070%
75	7.244	7.234	7.293	VV	1386	7722	0.14%	0.042%
76	7.308	7.293	7.326	VV	185	2338	0.04%	0.013%
77	7.463	7.326	7.511	VV	250	12470	0.23%	0.068%
78	7.530	7.511	7.554	VV	130	3321	0.06%	0.018%
79	7.563	7.554	7.628	VV	211	5122	0.10%	0.028%
80	7.637	7.628	7.658	VV	84	977	0.02%	0.005%
81	7.676	7.658	7.709	PV	149	3057	0.06%	0.017%
82	7.720	7.709	7.738	VV	153	1583	0.03%	0.009%
83	7.754	7.738	7.767	VV	395	4427	0.08%	0.024%
84	7.781	7.767	7.808	VV	464	6176	0.12%	0.034%
85	7.819	7.808	7.857	VV	158	2689	0.05%	0.015%
86	7.880	7.857	7.898	VV	356	5347	0.10%	0.029%
87	7.920	7.898	7.944	VV	527	7838	0.15%	0.043%
88	7.952	7.944	8.038	VV	180	6022	0.11%	0.033%
89	8.065	8.038	8.074	VV	144	2373	0.04%	0.013%

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90	8.087	8.074	8.101	VV	153	2001	0.04%	0.011%
91	8.112	8.101	8.129	VV	155	1874	0.04%	0.010%
92	8.157	8.129	8.181	VV	266	5648	0.11%	0.031%
93	8.234	8.181	8.260	VV	307	10918	0.20%	0.060%
94	8.298	8.260	8.316	VV	518	11681	0.22%	0.064%
95	8.336	8.316	8.347	VV	422	6170	0.12%	0.034%
96	8.354	8.347	8.366	VV	1281	3945	0.07%	0.022%
97	8.404	8.366	8.450	VV	850	8243	0.15%	0.045%
98	8.464	8.450	8.495	VV	197	3792	0.07%	0.021%
99	8.511	8.495	8.544	VV	262	3469	0.06%	0.019%
100	8.565	8.544	8.597	VV	154	3013	0.06%	0.016%
101	8.659	8.597	8.681	VV	142	3614	0.07%	0.020%
102	8.701	8.681	8.717	VV	233	3054	0.06%	0.017%
103	8.728	8.717	8.749	VV	140	1927	0.04%	0.011%
104	8.806	8.749	8.828	VV	585	10134	0.19%	0.055%
105	8.837	8.828	8.853	VV	185	2348	0.04%	0.013%
106	8.873	8.853	8.914	VV	361	7225	0.13%	0.039%
107	8.942	8.914	9.007	VV	1612	23183	0.43%	0.126%
108	9.053	9.007	9.133	VV	531	17148	0.32%	0.094%
109	9.158	9.133	9.178	VV	510	6492	0.12%	0.035%
110	9.191	9.178	9.221	VV	203	3928	0.07%	0.021%
111	9.235	9.221	9.244	VV	134	1304	0.02%	0.007%
112	9.253	9.244	9.274	VV	119	1551	0.03%	0.008%
113	9.345	9.274	9.368	VV	303	7770	0.15%	0.042%
114	9.379	9.368	9.418	VV	142	2968	0.06%	0.016%
115	9.456	9.418	9.478	VV	222	3943	0.07%	0.022%
116	9.538	9.478	9.558	VV	446	9723	0.18%	0.053%
117	9.617	9.558	9.667	VV	338	13262	0.25%	0.072%
118	9.708	9.667	9.751	VV	240	8446	0.16%	0.046%
119	9.809	9.751	9.859	VV	39433	412267	7.70%	2.249%
120	9.876	9.859	9.915	VV	384	8312	0.16%	0.045%
121	9.937	9.915	9.994	VV	439	9707	0.18%	0.053%
122	10.012	9.994	10.022	VV	149	1789	0.03%	0.010%
123	10.043	10.022	10.131	VV	269	6365	0.12%	0.035%
124	10.168	10.131	10.193	VV	142	2228	0.04%	0.012%
125	10.205	10.193	10.231	PV	119	1071	0.02%	0.006%
126	10.283	10.231	10.308	VV	1785	20795	0.39%	0.113%
127	10.326	10.308	10.358	VV	377	6651	0.12%	0.036%
128	10.380	10.358	10.437	VV	385	9180	0.17%	0.050%
129	10.458	10.437	10.494	VV	155	3658	0.07%	0.020%
130	10.582	10.494	10.613	VV	232	10524	0.20%	0.057%
131	10.631	10.613	10.645	VV	292	4321	0.08%	0.024%
132	10.676	10.645	10.721	VV	383	11702	0.22%	0.064%
133	10.748	10.721	10.768	VV	608	11449	0.21%	0.062%
134	10.778	10.768	10.801	VV	416	5616	0.10%	0.031%
135	10.809	10.801	10.853	VV	257	4519	0.08%	0.025%
136	10.863	10.853	10.882	VV	166	1640	0.03%	0.009%
137	10.894	10.882	10.903	VV	120	1274	0.02%	0.007%
138	10.936	10.903	10.990	VV	361	8934	0.17%	0.049%
139	11.002	10.990	11.007	VV	208	1429	0.03%	0.008%
140	11.015	11.007	11.034	VV	224	2826	0.05%	0.015%
141	11.058	11.034	11.088	VV	249	5648	0.11%	0.031%

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142	11.113	11.088	11.148	VV	385	6917	0.13%	0.038%
143	11.154	11.148	11.201	VV	145	3381	0.06%	0.018%
144	11.210	11.201	11.220	VV	113	980	0.02%	0.005%
145	11.236	11.220	11.262	VV	198	2624	0.05%	0.014%
146	11.311	11.262	11.336	VV	609	10020	0.19%	0.055%
147	11.351	11.336	11.364	VV	246	3339	0.06%	0.018%
148	11.381	11.364	11.415	VV	384	6311	0.12%	0.034%
149	11.458	11.415	11.515	VV	621	13966	0.26%	0.076%
150	11.543	11.515	11.561	VV	286	5185	0.10%	0.028%
151	11.574	11.561	11.630	VV	262	6066	0.11%	0.033%
152	11.645	11.630	11.667	VV	166	2334	0.04%	0.013%
153	11.708	11.667	11.757	VV	485015	5354215	100.00%	29.210%
154	11.798	11.757	11.819	VV	1175	20976	0.39%	0.114%
155	11.836	11.819	11.849	VV	468	6367	0.12%	0.035%
156	11.866	11.849	11.971	VV	842	15747	0.29%	0.086%
157	12.045	11.971	12.080	VV	302	9403	0.18%	0.051%
158	12.094	12.080	12.104	VV	156	1681	0.03%	0.009%
159	12.142	12.104	12.175	VV	484	8436	0.16%	0.046%
160	12.185	12.175	12.204	VV	153	1498	0.03%	0.008%
161	12.296	12.204	12.398	PV	41475	526609	9.84%	2.873%
162	12.412	12.398	12.448	VV	1013	25194	0.47%	0.137%
163	12.462	12.448	12.483	VV	702	12642	0.24%	0.069%
164	12.500	12.483	12.581	VV	743	25948	0.48%	0.142%
165	12.587	12.581	12.596	VV	317	2502	0.05%	0.014%
166	12.625	12.596	12.660	VV	531	13789	0.26%	0.075%
167	12.689	12.660	12.711	VV	595	10326	0.19%	0.056%
168	12.723	12.711	12.735	VV	320	3708	0.07%	0.020%
169	12.775	12.735	12.801	VV	820	20843	0.39%	0.114%
170	12.812	12.801	12.866	VV	311	7053	0.13%	0.038%
171	12.877	12.866	12.919	VV	178	4376	0.08%	0.024%
172	12.952	12.919	12.991	VV	214	6539	0.12%	0.036%
173	13.013	12.991	13.031	VV	143	3003	0.06%	0.016%
174	13.048	13.031	13.071	VV	249	4310	0.08%	0.024%
175	13.092	13.071	13.104	VV	1223	15325	0.29%	0.084%
176	13.140	13.104	13.211	VV	362783	4176510	78.00%	22.785%
177	13.223	13.211	13.234	VV	182	2106	0.04%	0.011%
178	13.252	13.234	13.281	VV	295	4587	0.09%	0.025%
179	13.303	13.281	13.344	VV	746	15311	0.29%	0.084%
180	13.425	13.344	13.464	VV	672	36711	0.69%	0.200%
181	13.496	13.464	13.506	VV	1170	19729	0.37%	0.108%
182	13.536	13.506	13.662	VV	4697	142450	2.66%	0.777%
183	13.709	13.662	13.728	VV	592	20405	0.38%	0.111%
184	13.748	13.728	13.794	VV	516	15567	0.29%	0.085%
185	13.841	13.794	13.866	VV	2098	36236	0.68%	0.198%
186	13.890	13.866	13.941	VV	1307	24507	0.46%	0.134%
187	13.950	13.941	13.974	VV	299	5575	0.10%	0.030%
188	14.019	13.974	14.058	VV	408	13012	0.24%	0.071%
189	14.130	14.058	14.168	VV	327	16263	0.30%	0.089%
190	14.204	14.168	14.218	VV	269	6649	0.12%	0.036%
191	14.279	14.218	14.305	VV	1217	26132	0.49%	0.143%
192	14.327	14.305	14.385	VV	1012	22043	0.41%	0.120%
193	14.397	14.385	14.424	VV	278	4837	0.09%	0.026%
194	14.456	14.424	14.498	VV	2866	47467	0.89%	0.259%

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195	14.510	14.498	14.543	VV	778	14465	0.27%	0.079%
196	14.555	14.543	14.608	VV	388	10393	0.19%	0.057%
197	14.672	14.644	14.714	VV	877	15163	0.28%	0.083%
198	14.729	14.714	14.781	VV	238	6471	0.12%	0.035%
199	14.830	14.781	14.902	VV	6984	98868	1.85%	0.539%
200	14.953	14.902	14.968	VV	991	18902	0.35%	0.103%
201	14.993	14.968	15.020	VV	2927	44141	0.82%	0.241%
202	15.038	15.020	15.078	VV	554	9157	0.17%	0.050%
203	15.094	15.078	15.138	VV	146	3322	0.06%	0.018%
204	15.162	15.138	15.171	VV	129	1918	0.04%	0.010%
205	15.186	15.171	15.265	VV	235	5589	0.10%	0.030%
206	15.288	15.265	15.297	PV	90	1584	0.03%	0.009%
207	15.322	15.297	15.331	VV	213	2804	0.05%	0.015%
208	15.371	15.331	15.451	VV	22977	326100	6.09%	1.779%
209	15.472	15.451	15.482	VV	215	3214	0.06%	0.018%
210	15.514	15.482	15.558	VV	4296	60517	1.13%	0.330%
211	15.594	15.558	15.728	VV	2524	42010	0.78%	0.229%
212	15.770	15.728	15.823	VV	132	4746	0.09%	0.026%
213	15.837	15.823	15.854	VV	222	2884	0.05%	0.016%
214	15.889	15.854	15.954	VV	832	16767	0.31%	0.091%
215	16.015	15.954	16.067	PV	4461	57684	1.08%	0.315%
216	16.097	16.067	16.124	VV	169	3004	0.06%	0.016%
217	16.156	16.124	16.178	VV	85	1901	0.04%	0.010%
218	16.324	16.178	16.344	PV	473	13360	0.25%	0.073%
219	16.385	16.344	16.428	VV	2314	38098	0.71%	0.208%
220	16.499	16.428	16.558	VV	4587	70832	1.32%	0.386%
221	16.581	16.558	16.614	VV	880	13445	0.25%	0.073%
222	16.634	16.614	16.721	VV	230	6552	0.12%	0.036%
223	16.752	16.721	16.785	VV	859	17184	0.32%	0.094%
224	16.804	16.785	16.828	VV	275	4761	0.09%	0.026%
225	16.869	16.828	16.893	VV	350	8463	0.16%	0.046%
226	16.904	16.893	16.911	VV	164	1376	0.03%	0.008%
227	16.967	16.911	16.995	VV	3696	53942	1.01%	0.294%
228	17.017	16.995	17.026	VV	201	3125	0.06%	0.017%
229	17.043	17.026	17.081	VV	362	5412	0.10%	0.030%
230	17.111	17.081	17.135	VV	100	2045	0.04%	0.011%
231	17.159	17.135	17.168	PV	108	1536	0.03%	0.008%
232	17.184	17.168	17.198	VV	146	1629	0.03%	0.009%
233	17.205	17.198	17.224	VV	134	1179	0.02%	0.006%
234	17.254	17.224	17.272	VV	292	4696	0.09%	0.026%
235	17.329	17.272	17.380	VV	1150	25628	0.48%	0.140%
236	17.417	17.380	17.453	VV	4094	60652	1.13%	0.331%
237	17.470	17.453	17.484	VV	226	2674	0.05%	0.015%
238	17.505	17.484	17.560	VV	381	6480	0.12%	0.035%
239	17.574	17.560	17.619	PV	169	1862	0.03%	0.010%
240	17.646	17.619	17.658	VV	69	1004	0.02%	0.005%
241	17.695	17.658	17.733	VV	275	5418	0.10%	0.030%
242	17.744	17.733	17.761	VV	141	1347	0.03%	0.007%
243	17.810	17.761	17.829	VV	1146	21243	0.40%	0.116%
244	17.854	17.829	17.884	VV	2541	35067	0.65%	0.191%
245	17.942	17.884	17.967	PV	841	20215	0.38%	0.110%
246	17.978	17.967	18.001	VV	272	3269	0.06%	0.018%

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247	18.048	18.001	18.064	VV	356	8415	0.16%	0.046%
248	18.093	18.064	18.128	VV	1066	19564	0.37%	0.107%
249	18.130	18.128	18.149	VV	333	2408	0.04%	0.013%
250	18.209	18.149	18.256	VV	12360	224204	4.19%	1.223%
251	18.280	18.256	18.324	VV	3418	54888	1.03%	0.299%
252	18.372	18.324	18.438	VV	1964	37628	0.70%	0.205%
253	18.448	18.438	18.454	VV	138	1151	0.02%	0.006%
254	18.495	18.454	18.512	VV	392	7541	0.14%	0.041%
255	18.521	18.512	18.529	VV	211	1987	0.04%	0.011%
256	18.535	18.529	18.542	VV	224	1389	0.03%	0.008%
257	18.552	18.542	18.568	VV	189	2274	0.04%	0.012%
258	18.588	18.568	18.598	VV	91	1763	0.03%	0.010%
259	18.635	18.598	18.653	VV	622	11390	0.21%	0.062%
260	18.686	18.653	18.752	VV	1653	47281	0.88%	0.258%
261	18.807	18.752	18.834	VV	1322	41309	0.77%	0.225%
262	18.852	18.834	18.881	VV	1210	22810	0.43%	0.124%
263	18.894	18.881	18.910	VV	428	6313	0.12%	0.034%
264	18.967	18.910	19.000	VV	558	23606	0.44%	0.129%
265	19.043	19.000	19.076	VV	12137	229790	4.29%	1.254%
266	19.097	19.076	19.140	VV	3740	88219	1.65%	0.481%
267	19.166	19.140	19.214	VV	1533	52381	0.98%	0.286%
268	19.289	19.214	19.314	VV	3139	87198	1.63%	0.476%
269	19.330	19.314	19.364	VV	1251	32562	0.61%	0.178%
270	19.385	19.364	19.428	VV	1303	40285	0.75%	0.220%
271	19.473	19.428	19.498	VV	1429	50595	0.94%	0.276%
272	19.579	19.498	19.613	VV	2737	125380	2.34%	0.684%
273	19.650	19.613	19.676	VV	2203	68951	1.29%	0.376%
274	19.755	19.676	19.790	VV	2237	126789	2.37%	0.692%
275	19.819	19.790	19.834	VV	3141	67234	1.26%	0.367%
276	19.848	19.834	19.874	VV	3260	63975	1.19%	0.349%
277	19.885	19.874	19.908	VV	2173	41426	0.77%	0.226%
278	19.938	19.908	19.964	VV	2127	68876	1.29%	0.376%
279	20.100	19.964	20.130	VV	5288	299404	5.59%	1.633%
280	20.154	20.130	20.174	VV	3275	80080	1.50%	0.437%
281	20.219	20.174	20.243	VV	3175	127744	2.39%	0.697%
282	20.380	20.243	20.417	VV	13266	480974	8.98%	2.624%
283	20.455	20.417	20.484	VV	3746	141805	2.65%	0.774%
284	20.534	20.484	20.551	VV	4124	149577	2.79%	0.816%
285	20.565	20.551	20.608	VV	3893	126369	2.36%	0.689%
286	20.637	20.608	20.668	VV	3627	125829	2.35%	0.686%
287	20.677	20.668	20.727	VV	3327	115113	2.15%	0.628%
288	20.738	20.727	20.746	VV	3207	36399	0.68%	0.199%
289	20.759	20.746	20.814	VV	3210	123954	2.32%	0.676%
290	20.826	20.814	20.844	VV	2905	52521	0.98%	0.287%
291	20.897	20.844	20.943	VV	3342	179307	3.35%	0.978%
292	20.987	20.943	21.035	VV	2971	157851	2.95%	0.861%
293	21.048	21.035	21.070	VV	2885	59216	1.11%	0.323%
294	21.084	21.070	21.098	VV	2768	45811	0.86%	0.250%
295	21.110	21.098	21.141	VV	2734	67319	1.26%	0.367%
296	21.148	21.141	21.164	VV	2642	36665	0.68%	0.200%
297	21.169	21.164	21.276	VV	2685	149408	2.79%	0.815%
298	21.307	21.276	21.362	VV	2320	105912	1.98%	0.578%
299	21.450	21.362	21.537	VV	2078	194265	3.63%	1.060%

rteres

300	21.638	21.537	21.739	VV	1647	179545	3.35%	0.980%
301	21.750	21.739	21.768	VV	1218	19446	0.36%	0.106%
302	21.807	21.768	21.851	VV	1500	52156	0.97%	0.285%
303	21.944	21.851	22.006	VV	1071	91033	1.70%	0.497%
304	22.017	22.006	22.051	VV	864	21396	0.40%	0.117%
305	22.063	22.051	22.071	VV	754	8768	0.16%	0.048%
306	22.108	22.071	22.200	VV	817	52874	0.99%	0.288%
307	22.301	22.200	22.391	VV	766	65178	1.22%	0.356%
308	22.412	22.391	22.438	VV	310	4364	0.08%	0.024%
309	22.445	22.438	22.469	VV	148	1460	0.03%	0.008%
310	22.479	22.469	22.488	VV	95	581	0.01%	0.003%

Sum of corrected areas: 18330069

Aliphatic EPH 052425.M Thu May 29 06:46:59 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069037.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 18:31
Operator : YP/AJ
Sample : Q2125-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB5

Integration File: autoint1.e
Quant Time: May 29 05:46:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.709	4750316	38.513 ug/ml
Spiked Amount 50.000		Recovery =	77.03%
12) S 1-chlorooctadecane (S...	13.140	3522060	39.259 ug/ml
Spiked Amount 50.000		Recovery =	78.52%
Target Compounds			

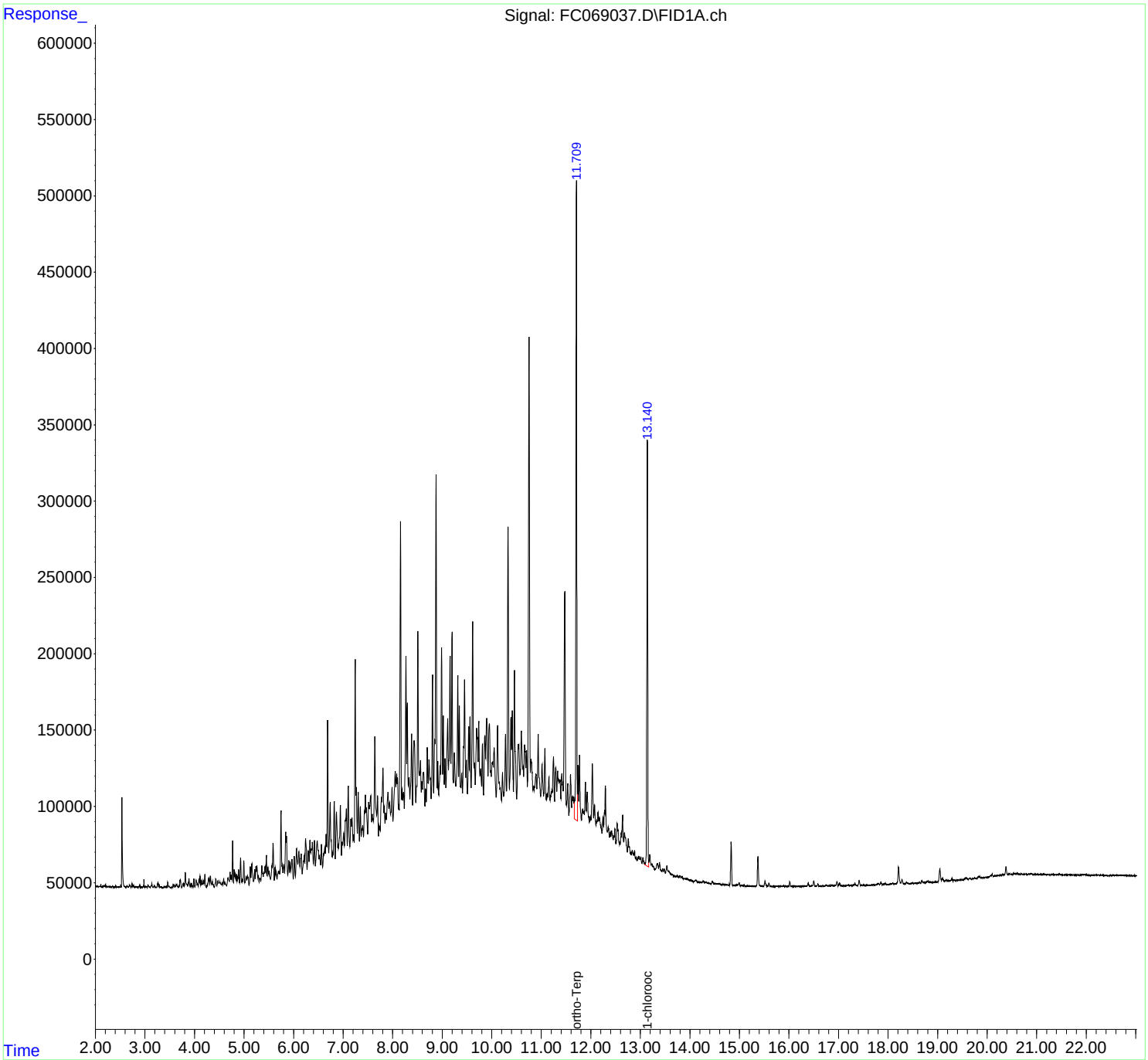
(f)=RT Delta > 1/2 Window (m)=manual int.

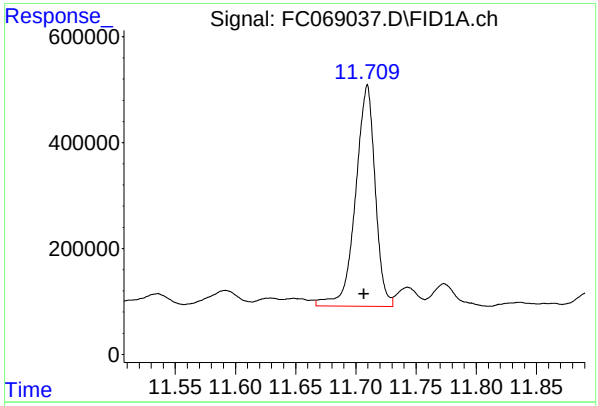
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069037.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 18:31
Operator : YP/AJ
Sample : Q2125-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB5

Integration File: autoint1.e
Quant Time: May 29 05:46:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

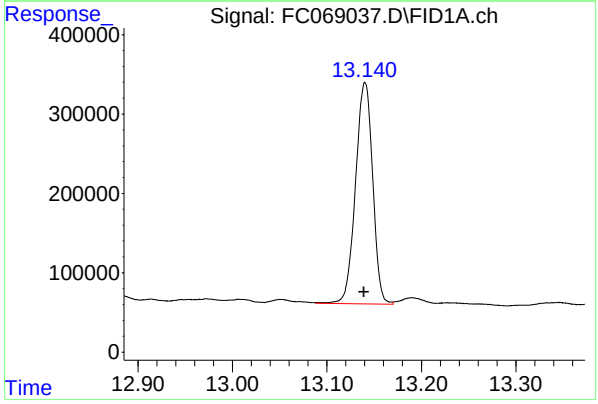




#9 ortho-Terphenyl (SURR)

R.T.: 11.709 min
Delta R.T.: 0.002 min
Response: 4750316
Conc: 38.51 ug/ml

Instrument :
FID_C
ClientSampleId :
GSB5



#12 1-chlorooctadecane (SURR)

R.T.: 13.140 min
Delta R.T.: 0.000 min
Response: 3522060
Conc: 39.26 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069037.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 18:31
Sample : Q2125-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.261	3.233	3.275	PV	3259	37504	0.56%	0.013%
2	3.286	3.275	3.305	VV	2073	18686	0.28%	0.006%
3	3.333	3.305	3.361	VV	455	8668	0.13%	0.003%
4	3.387	3.361	3.400	PV	668	6820	0.10%	0.002%
5	3.434	3.400	3.444	VV	1060	15975	0.24%	0.005%
6	3.460	3.444	3.476	VV	3589	35564	0.53%	0.012%
7	3.486	3.476	3.520	VV	1152	13570	0.20%	0.005%
8	3.538	3.520	3.549	PV	394	4345	0.07%	0.001%
9	3.569	3.549	3.581	VV	2332	24897	0.37%	0.009%
10	3.592	3.581	3.607	VV	1951	19801	0.30%	0.007%
11	3.640	3.607	3.674	VV	2400	50598	0.76%	0.017%
12	3.713	3.674	3.742	VV	5549	92685	1.39%	0.032%
13	3.770	3.742	3.793	VV	2572	46051	0.69%	0.016%
14	3.815	3.793	3.860	VV	10212	151051	2.26%	0.052%
15	3.888	3.860	3.925	VV	6092	101256	1.52%	0.035%
16	3.940	3.925	3.970	VV	3001	41395	0.62%	0.014%
17	3.988	3.970	4.006	VV	6012	55610	0.83%	0.019%
18	4.032	4.006	4.075	VV	5215	116553	1.75%	0.040%
19	4.112	4.075	4.129	VV	7813	143764	2.15%	0.049%
20	4.142	4.129	4.160	VV	4920	61717	0.92%	0.021%
21	4.178	4.160	4.191	VV	4852	64938	0.97%	0.022%
22	4.209	4.191	4.231	VV	8790	102450	1.54%	0.035%
23	4.293	4.231	4.307	VV	6492	139356	2.09%	0.048%
24	4.322	4.307	4.347	VV	7684	103626	1.55%	0.036%
25	4.360	4.347	4.398	VV	4184	66783	1.00%	0.023%
26	4.432	4.398	4.451	VV	4991	83666	1.25%	0.029%
27	4.473	4.451	4.494	VV	4587	82883	1.24%	0.028%
28	4.511	4.494	4.546	VV	3685	92710	1.39%	0.032%
29	4.559	4.546	4.572	VV	3633	41368	0.62%	0.014%
30	4.588	4.572	4.611	VV	5775	81999	1.23%	0.028%
31	4.622	4.611	4.647	VV	2900	46644	0.70%	0.016%
32	4.675	4.647	4.702	VV	6413	146882	2.20%	0.050%
33	4.719	4.702	4.731	VV	10220	121748	1.82%	0.042%
34	4.742	4.731	4.753	VV	8291	90437	1.36%	0.031%
35	4.770	4.753	4.788	VV	30705	313689	4.70%	0.108%
36	4.802	4.788	4.814	VV	11825	129627	1.94%	0.044%

rteres

37	4.823	4.814	4.838	VV	9538	112070	1.68%	0.038%
38	4.849	4.838	4.861	VV	8708	91731	1.37%	0.031%
39	4.891	4.861	4.909	VV	12020	211416	3.17%	0.073%
40	4.931	4.909	4.953	VV	19598	262084	3.93%	0.090%
41	4.968	4.953	4.977	VV	5418	64920	0.97%	0.022%
42	4.996	4.977	5.018	VV	17838	224348	3.36%	0.077%
43	5.042	5.018	5.055	VV	7172	122919	1.84%	0.042%
44	5.068	5.055	5.100	VV	7622	150808	2.26%	0.052%
45	5.126	5.100	5.139	VV	13746	168212	2.52%	0.058%
46	5.157	5.139	5.190	VV	15867	297769	4.46%	0.102%
47	5.215	5.190	5.227	VV	12072	163364	2.45%	0.056%
48	5.240	5.227	5.250	VV	13867	151927	2.28%	0.052%
49	5.260	5.250	5.304	VV	14366	289321	4.34%	0.099%
50	5.319	5.304	5.338	VV	6115	110976	1.66%	0.038%
51	5.360	5.338	5.388	VV	14442	281247	4.21%	0.097%
52	5.422	5.388	5.436	VV	13713	304451	4.56%	0.104%
53	5.451	5.436	5.467	VV	21183	268786	4.03%	0.092%
54	5.483	5.467	5.498	VV	13423	208863	3.13%	0.072%
55	5.508	5.498	5.534	VV	11014	177014	2.65%	0.061%
56	5.587	5.534	5.611	VV	29003	640054	9.59%	0.220%
57	5.627	5.611	5.665	VV	13358	299611	4.49%	0.103%
58	5.695	5.665	5.706	VV	10830	215250	3.23%	0.074%
59	5.714	5.706	5.723	VV	10082	99005	1.48%	0.034%
60	5.746	5.723	5.784	VV	50092	827473	12.40%	0.284%
61	5.803	5.784	5.819	VV	15248	263304	3.95%	0.090%
62	5.842	5.819	5.883	VV	36470	881701	13.21%	0.303%
63	5.904	5.883	5.918	VV	17891	269499	4.04%	0.092%
64	5.930	5.918	5.944	VV	16938	212975	3.19%	0.073%
65	5.967	5.944	5.994	VV	18626	406263	6.09%	0.139%
66	6.014	5.994	6.037	VV	20622	325532	4.88%	0.112%
67	6.060	6.037	6.085	VV	25483	519777	7.79%	0.178%
68	6.107	6.085	6.128	VV	23532	483733	7.25%	0.166%
69	6.154	6.128	6.175	VV	22153	474159	7.10%	0.163%
70	6.215	6.175	6.226	VV	20979	491935	7.37%	0.169%
71	6.243	6.226	6.273	VV	32051	657214	9.85%	0.226%
72	6.298	6.273	6.313	VV	23573	479876	7.19%	0.165%
73	6.330	6.313	6.345	VV	31149	476312	7.14%	0.163%
74	6.379	6.345	6.401	VV	29693	803232	12.04%	0.276%
75	6.422	6.401	6.441	VV	30913	539008	8.08%	0.185%
76	6.477	6.441	6.514	VV	30780	1027844	15.40%	0.353%
77	6.524	6.514	6.546	VV	21018	360881	5.41%	0.124%
78	6.563	6.546	6.587	VV	27985	498661	7.47%	0.171%
79	6.630	6.587	6.641	VV	26244	691028	10.35%	0.237%
80	6.657	6.641	6.668	VV	35053	480024	7.19%	0.165%
81	6.688	6.668	6.710	VV	109455	1439636	21.57%	0.494%
82	6.739	6.710	6.780	VV	55666	1432501	21.46%	0.492%
83	6.793	6.780	6.797	VV	22944	220068	3.30%	0.076%
84	6.821	6.797	6.841	VV	56543	957556	14.35%	0.329%
85	6.866	6.841	6.908	VV	49485	1361584	20.40%	0.467%
86	6.945	6.908	6.967	VV	53920	1250899	18.74%	0.429%
87	7.011	6.967	7.027	VV	35567	1067073	15.99%	0.366%
88	7.065	7.027	7.084	VV	51321	1382013	20.71%	0.474%
89	7.104	7.084	7.136	VV	66693	1329715	19.92%	0.456%

rteres

90	7.157	7.136	7.167	VV	44803	682956	10.23%	0.234%
91	7.180	7.167	7.203	VV	45392	861609	12.91%	0.296%
92	7.215	7.203	7.223	VV	34566	401194	6.01%	0.138%
93	7.245	7.223	7.288	VV	148953	2773480	41.56%	0.952%
94	7.305	7.288	7.329	VV	62530	1149520	17.22%	0.394%
95	7.348	7.329	7.367	VV	52895	933578	13.99%	0.320%
96	7.395	7.367	7.412	VV	40351	1021880	15.31%	0.351%
97	7.450	7.412	7.463	VV	60844	1474271	22.09%	0.506%
98	7.469	7.463	7.497	VV	52481	925715	13.87%	0.318%
99	7.517	7.497	7.531	VV	55549	996895	14.94%	0.342%
100	7.557	7.531	7.577	VV	60114	1482662	22.22%	0.509%
101	7.588	7.577	7.613	VV	47687	980315	14.69%	0.336%
102	7.641	7.613	7.678	VV	98639	2428276	36.38%	0.833%
103	7.696	7.678	7.714	VV	60557	1056188	15.83%	0.362%
104	7.728	7.714	7.748	VV	40199	788028	11.81%	0.270%
105	7.805	7.748	7.847	VV	78232	3310595	49.60%	1.136%
106	7.861	7.847	7.872	VV	48594	692375	10.37%	0.238%
107	7.906	7.872	7.924	VV	62134	1694050	25.38%	0.581%
108	7.938	7.924	7.959	VV	55673	1099402	16.47%	0.377%
109	7.988	7.959	8.008	VV	65499	1566016	23.46%	0.537%
110	8.052	8.008	8.067	VV	75549	2198186	32.94%	0.754%
111	8.081	8.067	8.092	VV	74210	1052367	15.77%	0.361%
112	8.099	8.092	8.130	VV	72135	1393949	20.89%	0.478%
113	8.160	8.130	8.183	VV	239155	3984937	59.71%	1.367%
114	8.192	8.183	8.205	VV	64484	801761	12.01%	0.275%
115	8.219	8.205	8.236	VV	62356	1113095	16.68%	0.382%
116	8.269	8.236	8.284	VV	151509	2803336	42.00%	0.962%
117	8.297	8.284	8.318	VV	121162	1847878	27.69%	0.634%
118	8.331	8.318	8.349	VV	71717	1261507	18.90%	0.433%
119	8.383	8.349	8.403	VV	100490	2401293	35.98%	0.824%
120	8.434	8.403	8.468	VV	95860	3080217	46.15%	1.057%
121	8.509	8.468	8.541	VV	166103	3943649	59.09%	1.353%
122	8.562	8.541	8.579	VV	83053	1694912	25.40%	0.582%
123	8.591	8.579	8.601	VV	69148	885389	13.27%	0.304%
124	8.627	8.601	8.651	VV	75128	2054456	30.78%	0.705%
125	8.666	8.651	8.680	VV	63960	1007978	15.10%	0.346%
126	8.700	8.680	8.717	VV	91104	1665050	24.95%	0.571%
127	8.735	8.717	8.778	VV	83577	2616710	39.21%	0.898%
128	8.805	8.778	8.828	VV	138548	2660535	39.86%	0.913%
129	8.877	8.828	8.900	VV	270260	5581867	83.64%	1.915%
130	8.912	8.900	8.929	VV	82386	1261122	18.90%	0.433%
131	8.989	8.929	9.009	VV	157298	4370206	65.48%	1.500%
132	9.023	9.009	9.043	VV	112051	1812186	27.15%	0.622%
133	9.059	9.043	9.076	VV	83789	1471911	22.05%	0.505%
134	9.111	9.076	9.128	VV	110402	2778067	41.62%	0.953%
135	9.159	9.128	9.177	VV	150892	3036290	45.49%	1.042%
136	9.200	9.177	9.227	VV	166673	3178924	47.63%	1.091%
137	9.247	9.227	9.272	VV	87959	2079697	31.16%	0.714%
138	9.316	9.272	9.333	VV	137645	3268452	48.97%	1.121%
139	9.347	9.333	9.376	VV	118635	2192555	32.85%	0.752%
140	9.395	9.376	9.411	VV	74688	1461790	21.90%	0.502%
141	9.452	9.411	9.476	VV	136450	3610847	54.10%	1.239%

rteres

142	9.489	9.476	9.510	VV	82864	1531061	22.94%	0.525%
143	9.535	9.510	9.548	VV	104547	1860649	27.88%	0.638%
144	9.562	9.548	9.585	VV	111343	1943069	29.11%	0.667%
145	9.616	9.585	9.668	VV	173442	4944091	74.08%	1.696%
146	9.697	9.668	9.725	VV	103678	3068723	45.98%	1.053%
147	9.739	9.725	9.764	VV	108262	2121435	31.79%	0.728%
148	9.778	9.764	9.795	VV	77558	1367808	20.49%	0.469%
149	9.812	9.795	9.835	VV	93982	1810388	27.13%	0.621%
150	9.861	9.835	9.878	VV	99205	2168799	32.50%	0.744%
151	9.898	9.878	9.927	VV	110073	2824433	42.32%	0.969%
152	9.952	9.927	9.991	VV	107031	3445224	51.62%	1.182%
153	10.050	9.991	10.090	VV	91261	4670180	69.98%	1.602%
154	10.118	10.090	10.197	VV	105622	4649321	69.66%	1.595%
155	10.219	10.197	10.238	VV	74820	1594114	23.89%	0.547%
156	10.278	10.238	10.301	VV	99909	2763860	41.41%	0.948%
157	10.330	10.301	10.358	VV	236295	4487407	67.24%	1.540%
158	10.388	10.358	10.400	VV	110978	2234280	33.48%	0.767%
159	10.414	10.400	10.439	VV	115958	2080622	31.17%	0.714%
160	10.459	10.439	10.505	VV	141069	3551093	53.21%	1.218%
161	10.535	10.505	10.571	VV	93303	3217990	48.22%	1.104%
162	10.599	10.571	10.645	VV	102373	3743439	56.09%	1.284%
163	10.665	10.645	10.690	VV	92895	2282307	34.20%	0.783%
164	10.704	10.690	10.721	VV	89603	1518531	22.75%	0.521%
165	10.755	10.721	10.782	VV	360871	6674046	100.00%	2.290%
166	10.798	10.782	10.831	VV	83290	2220213	33.27%	0.762%
167	10.841	10.831	10.853	VV	65827	859040	12.87%	0.295%
168	10.892	10.853	10.911	VV	73623	2389956	35.81%	0.820%
169	10.939	10.911	10.988	VV	99779	3406743	51.04%	1.169%
170	11.017	10.988	11.049	VV	80224	2502122	37.49%	0.859%
171	11.075	11.049	11.101	VV	90360	2226923	33.37%	0.764%
172	11.115	11.101	11.134	VV	61041	1189063	17.82%	0.408%
173	11.155	11.134	11.178	VV	71687	1691645	25.35%	0.580%
174	11.247	11.178	11.268	VV	85024	3603625	53.99%	1.236%
175	11.292	11.268	11.315	VV	78063	1971217	29.54%	0.676%
176	11.332	11.315	11.396	VV	76154	3337459	50.01%	1.145%
177	11.415	11.396	11.444	VV	74026	1950413	29.22%	0.669%
178	11.475	11.444	11.507	VV	193158	4235555	63.46%	1.453%
179	11.535	11.507	11.558	VV	67360	1772975	26.57%	0.608%
180	11.591	11.558	11.613	VV	73708	1996605	29.92%	0.685%
181	11.629	11.613	11.639	VV	59145	884476	13.25%	0.303%
182	11.649	11.639	11.664	VV	58705	859259	12.87%	0.295%
183	11.709	11.664	11.731	VV	451208	6531113	97.86%	2.241%
184	11.743	11.731	11.757	VV	79742	1106839	16.58%	0.380%
185	11.773	11.757	11.810	VV	86212	1944283	29.13%	0.667%
186	11.836	11.810	11.851	VV	51137	1186298	17.77%	0.407%
187	11.863	11.851	11.871	VV	49509	590075	8.84%	0.202%
188	11.892	11.871	11.910	VV	68596	1325520	19.86%	0.455%
189	11.928	11.910	11.978	VV	62285	2084467	31.23%	0.715%
190	11.990	11.978	12.003	VV	46022	684467	10.26%	0.235%
191	12.033	12.003	12.058	VV	80092	1977648	29.63%	0.679%
192	12.076	12.058	12.104	VV	53580	1283995	19.24%	0.441%
193	12.144	12.104	12.172	VV	48877	1814774	27.19%	0.623%
194	12.180	12.172	12.226	VV	44602	1316727	19.73%	0.452%

rteres

195	12.245	12.226	12.259	VV	45856	796146	11.93%	0.273%
196	12.295	12.259	12.335	VV	66344	2151209	32.23%	0.738%
197	12.352	12.335	12.381	VV	39166	1000152	14.99%	0.343%
198	12.393	12.381	12.405	VV	35754	502557	7.53%	0.172%
199	12.419	12.405	12.451	VV	36626	945883	14.17%	0.325%
200	12.486	12.451	12.510	VV	37964	1163621	17.44%	0.399%
201	12.531	12.510	12.590	VV	41593	1590863	23.84%	0.546%
202	12.614	12.590	12.624	VV	35430	649897	9.74%	0.223%
203	12.642	12.624	12.663	VV	46942	879050	13.17%	0.302%
204	12.679	12.663	12.737	VV	35297	1357451	20.34%	0.466%
205	12.756	12.737	12.820	VV	31637	1251212	18.75%	0.429%
206	12.836	12.820	12.868	VV	23652	631219	9.46%	0.217%
207	12.883	12.868	12.903	VV	23705	451350	6.76%	0.155%
208	12.913	12.903	12.934	VV	19507	344434	5.16%	0.118%
209	12.973	12.934	12.991	VV	19653	640510	9.60%	0.220%
210	13.008	12.991	13.034	VV	19251	457969	6.86%	0.157%
211	13.051	13.034	13.095	VV	19154	608628	9.12%	0.209%
212	13.140	13.095	13.171	VV	293732	4143482	62.08%	1.422%
213	13.190	13.171	13.218	VV	21308	502379	7.53%	0.172%
214	13.228	13.218	13.291	VV	14837	590030	8.84%	0.202%
215	13.345	13.291	13.367	VV	15200	605637	9.07%	0.208%
216	13.387	13.367	13.434	VV	15753	500200	7.49%	0.172%
217	13.451	13.434	13.466	VV	11771	206905	3.10%	0.071%
218	13.483	13.466	13.504	VV	11760	241716	3.62%	0.083%
219	13.534	13.504	13.621	VV	13863	720923	10.80%	0.247%
220	13.630	13.621	13.704	VV	8298	374307	5.61%	0.128%
221	13.722	13.704	13.734	VV	7167	123348	1.85%	0.042%
222	13.747	13.734	13.771	VV	7139	147439	2.21%	0.051%
223	13.799	13.771	13.828	VV	7101	223445	3.35%	0.077%
224	13.840	13.828	13.867	VV	6791	141231	2.12%	0.048%
225	13.886	13.867	13.898	VV	5449	98144	1.47%	0.034%
226	13.913	13.898	13.934	VV	5523	112782	1.69%	0.039%
227	13.948	13.934	13.998	VV	5307	183372	2.75%	0.063%
228	14.007	13.998	14.065	VV	4454	162295	2.43%	0.056%
229	14.117	14.065	14.168	VV	4294	225991	3.39%	0.078%
230	14.186	14.168	14.195	VV	3114	49601	0.74%	0.017%
231	14.206	14.195	14.228	VV	3169	58975	0.88%	0.020%
232	14.276	14.228	14.304	VV	3679	143364	2.15%	0.049%
233	14.325	14.304	14.358	VV	3127	88500	1.33%	0.030%
234	14.369	14.358	14.398	VV	2498	55531	0.83%	0.019%
235	14.404	14.398	14.428	VV	2178	37144	0.56%	0.013%
236	14.454	14.428	14.494	VV	3702	100852	1.51%	0.035%
237	14.518	14.494	14.541	VV	2180	55783	0.84%	0.019%
238	14.556	14.541	14.565	VV	1923	26710	0.40%	0.009%
239	14.575	14.565	14.611	VV	1977	48625	0.73%	0.017%
240	14.620	14.611	14.638	VV	1654	24005	0.36%	0.008%
241	14.671	14.638	14.729	VV	1739	74524	1.12%	0.026%
242	14.737	14.729	14.778	VV	1301	33827	0.51%	0.012%
243	14.831	14.778	14.871	VV	29084	411837	6.17%	0.141%
244	14.894	14.871	14.911	VV	918	20395	0.31%	0.007%
245	14.992	14.911	15.018	VV	2808	82018	1.23%	0.028%
246	15.036	15.018	15.078	VV	979	27451	0.41%	0.009%

rteres

247	15.088	15.078	15.121	VV	683	15199	0.23%	0.005%
248	15.129	15.121	15.170	VV	542	13541	0.20%	0.005%
249	15.190	15.170	15.220	VV	442	12222	0.18%	0.004%
250	15.243	15.220	15.274	VV	459	12792	0.19%	0.004%
251	15.284	15.274	15.300	VV	340	4298	0.06%	0.001%
252	15.372	15.300	15.485	VV	19691	305547	4.58%	0.105%
253	15.514	15.485	15.558	VV	3280	63603	0.95%	0.022%
254	15.594	15.558	15.631	VV	2182	36357	0.54%	0.012%
255	15.641	15.631	15.701	VV	247	6389	0.10%	0.002%
256	15.748	15.701	15.794	VV	206	6580	0.10%	0.002%
257	15.806	15.794	15.813	VV	122	1058	0.02%	0.000%
258	15.839	15.813	15.868	VV	277	5244	0.08%	0.002%
259	15.888	15.868	15.928	VV	753	12615	0.19%	0.004%
260	15.946	15.928	15.985	VV	202	4129	0.06%	0.001%
261	16.014	15.985	16.061	VV	3181	43994	0.66%	0.015%
262	16.077	16.061	16.128	VV	364	4765	0.07%	0.002%
263	16.149	16.128	16.180	PV	122	2089	0.03%	0.001%
264	16.207	16.180	16.283	VV	214	5217	0.08%	0.002%
265	16.321	16.283	16.356	VV	368	9494	0.14%	0.003%
266	16.386	16.356	16.430	VV	2052	34053	0.51%	0.012%
267	16.459	16.430	16.473	VV	408	7936	0.12%	0.003%
268	16.499	16.473	16.554	VV	3431	50425	0.76%	0.017%
269	16.583	16.554	16.608	VV	1301	17945	0.27%	0.006%
270	16.631	16.608	16.648	VV	297	3525	0.05%	0.001%
271	16.666	16.648	16.681	VV	135	2062	0.03%	0.001%
272	16.697	16.681	16.715	VV	144	1722	0.03%	0.001%
273	16.751	16.715	16.783	VV	556	11677	0.17%	0.004%
274	16.798	16.783	16.831	VV	276	4997	0.07%	0.002%
275	16.866	16.831	16.911	VV	371	10422	0.16%	0.004%
276	16.966	16.911	16.992	VV	2836	42289	0.63%	0.015%
277	17.018	16.992	17.064	VV	1970	31202	0.47%	0.011%
278	17.183	17.064	17.228	PV	523	11771	0.18%	0.004%
279	17.256	17.228	17.274	VV	178	3427	0.05%	0.001%
280	17.329	17.274	17.378	PV	1037	23405	0.35%	0.008%
281	17.415	17.378	17.445	VV	3311	47054	0.71%	0.016%
282	17.472	17.445	17.487	VV	289	4795	0.07%	0.002%
283	17.504	17.487	17.524	VV	345	4634	0.07%	0.002%
284	17.539	17.524	17.560	VV	88	1368	0.02%	0.000%
285	17.701	17.560	17.731	PV	284	8507	0.13%	0.003%
286	17.809	17.731	17.830	PV	993	22958	0.34%	0.008%
287	17.855	17.830	17.884	VV	1893	27580	0.41%	0.009%
288	17.943	17.884	17.997	VV	922	20820	0.31%	0.007%
289	18.013	17.997	18.024	VV	190	2052	0.03%	0.001%
290	18.092	18.024	18.114	VV	779	17850	0.27%	0.006%
291	18.127	18.114	18.158	VV	273	4726	0.07%	0.002%
292	18.211	18.158	18.256	VV	11061	200914	3.01%	0.069%
293	18.281	18.256	18.326	VV	3039	49360	0.74%	0.017%
294	18.373	18.326	18.460	VV	1143	25411	0.38%	0.009%
295	18.500	18.460	18.517	PV	312	5679	0.09%	0.002%
296	18.560	18.517	18.571	VV	189	5749	0.09%	0.002%
297	18.578	18.571	18.594	VV	197	1962	0.03%	0.001%
298	18.634	18.594	18.651	VV	557	10762	0.16%	0.004%
299	18.686	18.651	18.753	VV	1474	41224	0.62%	0.014%

rteres

300	18.807	18.753	18.834	VV	1031	34530	0.52%	0.012%
301	18.853	18.834	18.881	VV	806	16033	0.24%	0.006%
302	18.891	18.881	18.918	VV	399	7357	0.11%	0.003%
303	18.957	18.918	18.982	VV	470	13973	0.21%	0.005%
304	19.044	18.982	19.076	VV	8968	180866	2.71%	0.062%
305	19.099	19.076	19.143	VV	2463	65656	0.98%	0.023%
306	19.166	19.143	19.204	VV	1263	39470	0.59%	0.014%
307	19.288	19.204	19.318	VV	2098	78883	1.18%	0.027%
308	19.331	19.318	19.361	VV	1145	26872	0.40%	0.009%
309	19.390	19.361	19.404	VV	1178	25453	0.38%	0.009%
310	19.475	19.404	19.493	VV	1448	59394	0.89%	0.020%
311	19.578	19.493	19.617	VV	2291	117446	1.76%	0.040%
312	19.652	19.617	19.684	VV	1996	67200	1.01%	0.023%
313	19.752	19.684	19.790	VV	2021	111546	1.67%	0.038%
314	19.819	19.790	19.834	VV	2902	61181	0.92%	0.021%
315	19.847	19.834	19.917	VV	2830	112202	1.68%	0.038%
316	19.956	19.917	19.971	VV	2215	66372	0.99%	0.023%
317	20.005	19.971	20.018	VV	2253	60748	0.91%	0.021%
318	20.102	20.018	20.128	VV	3867	190694	2.86%	0.065%
319	20.159	20.128	20.174	VV	3035	78654	1.18%	0.027%
320	20.221	20.174	20.243	VV	3083	122881	1.84%	0.042%
321	20.379	20.243	20.420	VV	8815	426139	6.39%	0.146%
322	20.455	20.420	20.497	VV	3838	166534	2.50%	0.057%
323	20.532	20.497	20.548	VV	3802	112426	1.68%	0.039%
324	20.565	20.548	20.588	VV	3849	88690	1.33%	0.030%
325	20.607	20.588	20.661	VV	3926	158411	2.37%	0.054%
326	20.699	20.661	20.728	VV	3369	131155	1.97%	0.045%
327	20.771	20.728	20.811	VV	3277	157988	2.37%	0.054%
328	20.868	20.811	20.876	VV	3228	121204	1.82%	0.042%
329	20.895	20.876	20.938	VV	3133	110936	1.66%	0.038%
330	20.984	20.938	21.016	VV	2915	131527	1.97%	0.045%
331	21.030	21.016	21.045	VV	2720	46983	0.70%	0.016%
332	21.059	21.045	21.066	VV	2716	33969	0.51%	0.012%
333	21.107	21.066	21.212	VV	2700	222276	3.33%	0.076%
334	21.222	21.212	21.274	VV	2327	81818	1.23%	0.028%
335	21.305	21.274	21.396	VV	2367	159420	2.39%	0.055%
336	21.451	21.396	21.545	VV	2264	176639	2.65%	0.061%
337	21.636	21.545	21.734	VV	1668	178377	2.67%	0.061%
338	21.747	21.734	21.801	VV	1342	50826	0.76%	0.017%
339	21.847	21.801	21.878	VV	1224	53961	0.81%	0.019%
340	21.959	21.878	22.084	VV	1253	127992	1.92%	0.044%
341	22.176	22.084	22.271	VV	793	75708	1.13%	0.026%
342	22.303	22.271	22.454	VV	597	31104	0.47%	0.011%

Sum of corrected areas: 291441236

Aliphatic EPH 052425.M Thu May 29 06:48:04 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052925AL\
Data File : FC069047.D
Signal(s) : FID1A.ch
Acq On : 29 May 2025 11:33
Operator : YP/AJ
Sample : Q2125-05DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB5DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/30/2025
Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e
Quant Time: May 30 03:27:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.703	924753	7.497 ug/mlm
Spiked Amount 50.000		Recovery =	14.99%
12) S 1-chlorooctadecane (S...	13.137	725007	8.081 ug/ml
Spiked Amount 50.000		Recovery =	16.16%
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

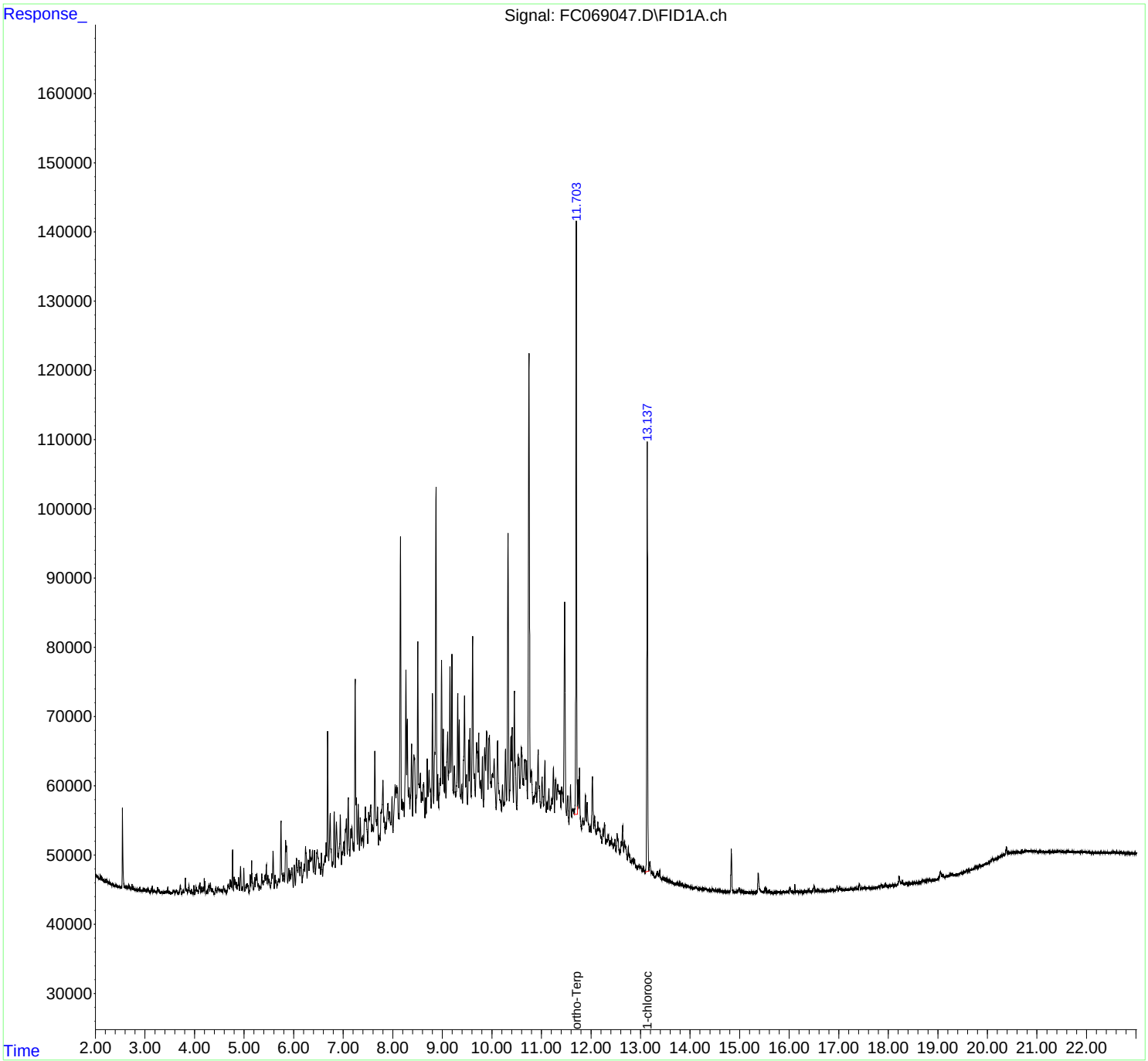
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052925AL\
Data File : FC069047.D
Signal(s) : FID1A.ch
Acq On : 29 May 2025 11:33
Operator : YP/AJ
Sample : Q2125-05DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

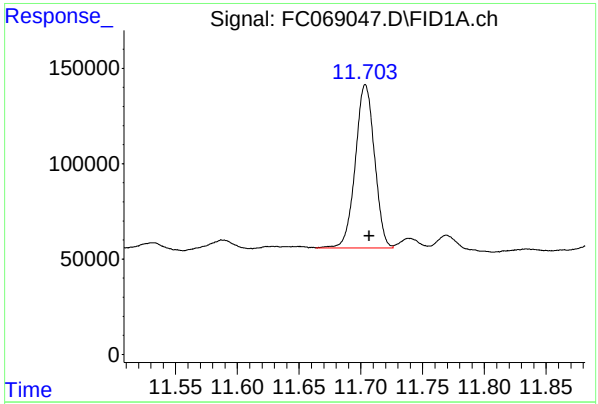
Integration File: autoint1.e
Quant Time: May 30 03:27:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
FID_C
ClientSampleId :
GSB5DL

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 05/30/2025
Supervised By :mohammad ahmed 05/30/2025





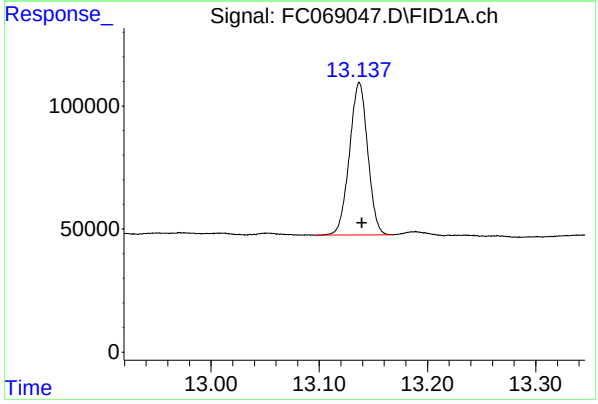
#9 ortho-Terphenyl (SURR)

R.T.: 11.703 min
Delta R.T.: -0.003 min
Response: 924753
Conc: 7.50 ug/ml

Instrument :
FID_C
ClientSampleId :
GSB5DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/30/2025
Supervised By :mohammad ahmed 05/30/2025



#12 1-chlorooctadecane (SURR)

R.T.: 13.137 min
Delta R.T.: -0.002 min
Response: 725007
Conc: 8.08 ug/ml

Instrument :
FID_C
ClientSampleId :
GSB5DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/30/2025
Supervised By :mohammad ahmed 05/30/2025

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC05292
Data File : FC069047.D
Signal(s) : FID1A.ch
Acq On : 29 May 2025 11:33
Sample : Q2125-05DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.259	3.204	3.274	BV	688	7671	0.54%	0.013%
2	3.284	3.274	3.318	VV	439	3426	0.24%	0.006%
3	3.341	3.318	3.359	PV	121	1851	0.13%	0.003%
4	3.390	3.359	3.404	VV	178	2885	0.20%	0.005%
5	3.411	3.404	3.421	VV	223	1914	0.13%	0.003%
6	3.431	3.421	3.443	VV	284	2810	0.20%	0.005%
7	3.459	3.443	3.475	VV	846	8440	0.59%	0.014%
8	3.485	3.475	3.516	VV	347	4087	0.29%	0.007%
9	3.532	3.516	3.550	PV	202	2553	0.18%	0.004%
10	3.568	3.550	3.584	VV	509	6766	0.47%	0.011%
11	3.591	3.584	3.607	VV	488	4261	0.30%	0.007%
12	3.639	3.607	3.671	VV	567	11622	0.81%	0.019%
13	3.712	3.671	3.740	VV	1245	21124	1.48%	0.035%
14	3.768	3.740	3.787	VV	534	9227	0.65%	0.015%
15	3.814	3.787	3.860	VV	2197	34110	2.39%	0.056%
16	3.887	3.860	3.924	VV	1374	21647	1.52%	0.035%
17	3.939	3.924	3.970	VV	680	9403	0.66%	0.015%
18	3.988	3.970	4.004	VV	1270	11360	0.80%	0.019%
19	4.030	4.004	4.078	VV	1055	25264	1.77%	0.041%
20	4.111	4.078	4.128	VV	1663	28656	2.01%	0.047%
21	4.141	4.128	4.161	VV	1067	13163	0.92%	0.022%
22	4.176	4.161	4.190	VV	989	12430	0.87%	0.020%
23	4.208	4.190	4.229	VV	1879	22463	1.57%	0.037%
24	4.293	4.229	4.306	VV	1339	29212	2.05%	0.048%
25	4.321	4.306	4.347	VV	1656	22473	1.58%	0.037%
26	4.359	4.347	4.395	VV	871	12736	0.89%	0.021%
27	4.431	4.395	4.450	PV	1101	16861	1.18%	0.028%
28	4.473	4.450	4.493	VV	978	17484	1.23%	0.029%
29	4.510	4.493	4.546	VV	700	18767	1.32%	0.031%
30	4.558	4.546	4.571	VV	734	8070	0.57%	0.013%
31	4.587	4.571	4.647	VV	1198	26986	1.89%	0.044%
32	4.675	4.647	4.701	VV	1357	29680	2.08%	0.049%
33	4.717	4.701	4.729	VV	2126	24597	1.72%	0.040%
34	4.740	4.729	4.751	VV	1641	18424	1.29%	0.030%
35	4.768	4.751	4.786	VV	6429	66309	4.65%	0.109%
36	4.801	4.786	4.812	VV	2511	25900	1.82%	0.042%

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rteres

37	4.821	4.812	4.836	VV	2013	23589	1.65%	0.039%
38	4.848	4.836	4.860	VV	1715	18336		
39	4.890	4.860	4.908	VV	2446	41902		
40	4.929	4.908	4.952	VV	4070	53775		
41	4.995	4.952	5.016	VV	3756	56803		
42	5.040	5.016	5.054	VV	1372	22957		
43	5.067	5.054	5.099	VV	1515	28081	1.97%	0.046%
44	5.125	5.099	5.137	VV	2850	31818	2.23%	0.052%
45	5.154	5.137	5.188	VV	3143	60776	4.26%	0.100%
46	5.214	5.188	5.225	VV	2469	31493	2.21%	0.052%
47	5.239	5.225	5.248	VV	2852	30135	2.11%	0.049%
48	5.259	5.248	5.279	VV	2926	40949	2.87%	0.067%
49	5.287	5.279	5.302	VV	1565	16636	1.17%	0.027%
50	5.318	5.302	5.337	VV	1160	20376	1.43%	0.033%
51	5.358	5.337	5.387	VV	2923	55132	3.87%	0.090%
52	5.399	5.387	5.403	VV	1953	16900	1.18%	0.028%
53	5.421	5.403	5.434	VV	2739	42859	3.01%	0.070%
54	5.449	5.434	5.466	VV	4316	55096	3.86%	0.090%
55	5.481	5.466	5.533	VV	2718	75754	5.31%	0.124%
56	5.562	5.533	5.570	VV	3001	43255	3.03%	0.071%
57	5.586	5.570	5.609	VV	6250	83928	5.88%	0.138%
58	5.626	5.609	5.639	VV	2747	34688	2.43%	0.057%
59	5.647	5.639	5.663	VV	2024	23214	1.63%	0.038%
60	5.694	5.663	5.721	VV	2149	60847	4.27%	0.100%
61	5.745	5.721	5.783	VV	10632	172182	12.07%	0.282%
62	5.802	5.783	5.818	VV	3080	53544	3.75%	0.088%
63	5.840	5.818	5.882	VV	7632	181532	12.73%	0.298%
64	5.903	5.882	5.916	VV	3638	54451	3.82%	0.089%
65	5.929	5.916	5.942	VV	3380	40784	2.86%	0.067%
66	5.966	5.942	5.993	VV	3846	81720	5.73%	0.134%
67	6.013	5.993	6.035	VV	4183	65961	4.62%	0.108%
68	6.059	6.035	6.084	VV	5201	105223	7.38%	0.173%
69	6.107	6.084	6.127	VV	4901	99934	7.01%	0.164%
70	6.153	6.127	6.173	VV	4584	95456	6.69%	0.157%
71	6.213	6.173	6.225	VV	4282	99490	6.98%	0.163%
72	6.242	6.225	6.272	VV	6763	139401	9.77%	0.229%
73	6.297	6.272	6.312	VV	4853	97747	6.85%	0.160%
74	6.329	6.312	6.344	VV	6439	97943	6.87%	0.161%
75	6.378	6.344	6.399	VV	6281	166936	11.70%	0.274%
76	6.421	6.399	6.440	VV	6371	111585	7.82%	0.183%
77	6.476	6.440	6.512	VV	6392	212157	14.88%	0.348%
78	6.522	6.512	6.545	VV	4355	75050	5.26%	0.123%
79	6.562	6.545	6.586	VV	5871	102304	7.17%	0.168%
80	6.629	6.586	6.640	VV	5551	141145	9.90%	0.231%
81	6.656	6.640	6.667	VV	7356	98914	6.94%	0.162%
82	6.687	6.667	6.709	VV	23490	306989	21.52%	0.503%
83	6.738	6.709	6.779	VV	11641	298712	20.94%	0.490%
84	6.819	6.779	6.840	VV	11858	245839	17.24%	0.403%
85	6.864	6.840	6.907	VV	10315	285474	20.02%	0.468%
86	6.943	6.907	6.966	VV	11311	259686	18.21%	0.426%
87	6.982	6.966	6.990	VV	6126	80695	5.66%	0.132%
88	7.010	6.990	7.026	VV	7558	143284	10.05%	0.235%
89	7.064	7.026	7.083	VV	10825	288111	20.20%	0.472%

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rteres

90	7.102	7.083	7.134	VV	13855	280267	19.65%	0.460%
91	7.155	7.134	7.165	VV	9379	140635	9	
92	7.178	7.165	7.201	VV	9696	182752	12	
93	7.242	7.201	7.286	VV	31125	675193	47	
94	7.304	7.286	7.328	VV	12919	238675	16	
95	7.346	7.328	7.365	VV	11037	195585	13	
96	7.395	7.365	7.411	VV	8349	214969	15.07%	0.352%
97	7.448	7.411	7.496	VV	12597	506287	35.50%	0.830%
98	7.516	7.496	7.528	VV	11748	198124	13.89%	0.325%
99	7.555	7.528	7.575	VV	12846	322229	22.59%	0.528%
100	7.586	7.575	7.612	VV	10024	208360	14.61%	0.342%
101	7.639	7.612	7.677	VV	20690	511314	35.85%	0.838%
102	7.694	7.677	7.712	VV	12533	220148	15.44%	0.361%
103	7.726	7.712	7.745	VV	8394	157614	11.05%	0.258%
104	7.803	7.745	7.846	VV	16451	707464	49.60%	1.160%
105	7.859	7.846	7.869	VV	10187	134886	9.46%	0.221%
106	7.904	7.869	7.921	VV	13015	357745	25.08%	0.587%
107	7.935	7.921	7.961	VV	11753	265597	18.62%	0.435%
108	7.985	7.961	8.005	VV	13975	300532	21.07%	0.493%
109	8.050	8.005	8.065	VV	15679	464407	32.56%	0.761%
110	8.080	8.065	8.131	VV	15667	536513	37.62%	0.880%
111	8.157	8.131	8.204	VV	51522	1008864	70.74%	1.654%
112	8.217	8.204	8.233	VV	13128	219050	15.36%	0.359%
113	8.267	8.233	8.282	VV	32234	603505	42.31%	0.990%
114	8.295	8.282	8.316	VV	25070	392006	27.49%	0.643%
115	8.331	8.316	8.348	VV	15227	269549	18.90%	0.442%
116	8.381	8.348	8.401	VV	21570	507467	35.58%	0.832%
117	8.429	8.401	8.466	VV	20033	648580	45.47%	1.063%
118	8.506	8.466	8.536	VV	36228	817161	57.29%	1.340%
119	8.558	8.536	8.575	VV	17430	370330	25.97%	0.607%
120	8.587	8.575	8.599	VV	14545	198604	13.92%	0.326%
121	8.624	8.599	8.649	VV	16032	433567	30.40%	0.711%
122	8.665	8.649	8.678	VV	13812	212311	14.89%	0.348%
123	8.697	8.678	8.713	VV	19376	335880	23.55%	0.551%
124	8.733	8.713	8.776	VV	17768	570074	39.97%	0.935%
125	8.803	8.776	8.826	VV	28964	564252	39.56%	0.925%
126	8.873	8.826	8.897	VV	58656	1184540	83.05%	1.942%
127	8.910	8.897	8.927	VV	17134	269649	18.91%	0.442%
128	8.986	8.927	9.006	VV	33563	922498	64.68%	1.513%
129	9.021	9.006	9.040	VV	23696	381340	26.74%	0.625%
130	9.056	9.040	9.075	VV	18340	337779	23.68%	0.554%
131	9.108	9.075	9.125	VV	23310	571034	40.04%	0.936%
132	9.156	9.125	9.173	VV	32590	640649	44.92%	1.050%
133	9.196	9.173	9.224	VV	34777	679599	47.65%	1.114%
134	9.244	9.224	9.270	VV	18455	440730	30.90%	0.723%
135	9.313	9.270	9.329	VV	29012	675822	47.38%	1.108%
136	9.344	9.329	9.376	VV	25106	496957	34.84%	0.815%
137	9.392	9.376	9.410	VV	15737	293697	20.59%	0.482%
138	9.449	9.410	9.474	VV	28509	757899	53.14%	1.243%
139	9.488	9.474	9.509	VV	17082	324073	22.72%	0.531%
140	9.532	9.509	9.545	VV	22176	383479	26.89%	0.629%
141	9.559	9.545	9.583	VV	23885	415459	29.13%	0.681%

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142	9.613	9.583	9.666	VV	37134	1045663	73.32%	1.715%
143	9.694	9.666	9.722	VV	21790	634213	44	
144	9.736	9.722	9.761	VV	23153	451036	31	
145	9.776	9.761	9.793	VV	16354	294933	20	
146	9.810	9.793	9.832	VV	19791	369717	25	
147	9.857	9.832	9.875	VV	21005	461626	32	
148	9.896	9.875	9.924	VV	23211	599726	42.05%	0.983%
149	9.949	9.924	9.986	VV	22608	705839	49.49%	1.157%
150	10.022	9.986	10.030	VV	17237	438250	30.73%	0.719%
151	10.047	10.030	10.088	VV	19438	572795	40.16%	0.939%
152	10.116	10.088	10.194	VV	21966	970199	68.02%	1.591%
153	10.216	10.194	10.250	VV	15735	459644	32.23%	0.754%
154	10.275	10.250	10.298	VV	20848	461827	32.38%	0.757%
155	10.328	10.298	10.355	VV	51975	959710	67.29%	1.574%
156	10.385	10.355	10.397	VV	22593	463369	32.49%	0.760%
157	10.410	10.397	10.436	VV	23915	447716	31.39%	0.734%
158	10.455	10.436	10.503	VV	29206	749763	52.57%	1.229%
159	10.530	10.503	10.567	VV	19758	659255	46.22%	1.081%
160	10.596	10.567	10.625	VV	21093	638183	44.75%	1.046%
161	10.663	10.625	10.688	VV	19297	655021	45.93%	1.074%
162	10.701	10.688	10.718	VV	19139	310598	21.78%	0.509%
163	10.750	10.718	10.780	VV	77699	1426252	100.00%	2.339%
164	10.794	10.780	10.828	VV	17759	463537	32.50%	0.760%
165	10.840	10.828	10.851	VV	13923	186174	13.05%	0.305%
166	10.890	10.851	10.908	VV	16179	496411	34.81%	0.814%
167	10.935	10.908	10.984	VV	20702	711876	49.91%	1.167%
168	11.014	10.984	11.048	VV	16848	542296	38.02%	0.889%
169	11.072	11.048	11.098	VV	19062	455695	31.95%	0.747%
170	11.117	11.098	11.130	VV	13156	237617	16.66%	0.390%
171	11.152	11.130	11.173	VV	15051	346848	24.32%	0.569%
172	11.211	11.173	11.221	VV	13594	370188	25.96%	0.607%
173	11.244	11.221	11.265	VV	18166	399549	28.01%	0.655%
174	11.288	11.265	11.311	VV	16431	405898	28.46%	0.666%
175	11.329	11.311	11.364	VV	15735	478545	33.55%	0.785%
176	11.377	11.364	11.393	VV	14815	240933	16.89%	0.395%
177	11.410	11.393	11.441	VV	15249	409022	28.68%	0.671%
178	11.471	11.441	11.507	VV	41974	916643	64.27%	1.503%
179	11.531	11.507	11.556	VV	14106	359832	25.23%	0.590%
180	11.588	11.556	11.611	VV	15587	417314	29.26%	0.684%
181	11.629	11.611	11.644	VV	12204	236967	16.61%	0.389%
182	11.649	11.644	11.663	VV	12100	135462	9.50%	0.222%
183	11.704	11.663	11.728	VV	96786	1367296	95.87%	2.242%
184	11.740	11.728	11.754	VV	16395	232876	16.33%	0.382%
185	11.769	11.754	11.808	VV	18034	407027	28.54%	0.667%
186	11.835	11.808	11.853	VV	10822	279408	19.59%	0.458%
187	11.889	11.853	11.907	VV	14113	367828	25.79%	0.603%
188	11.923	11.907	11.974	VV	13025	437159	30.65%	0.717%
189	11.988	11.974	12.003	VV	9664	159239	11.16%	0.261%
190	12.031	12.003	12.056	VV	16828	403228	28.27%	0.661%
191	12.074	12.056	12.104	VV	11093	281911	19.77%	0.462%
192	12.141	12.104	12.171	VV	10218	375157	26.30%	0.615%
193	12.178	12.171	12.223	VV	9251	261802	18.36%	0.429%
194	12.243	12.223	12.256	VV	9344	166438	11.67%	0.273%

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195	12.275	12.256	12.298	VV	10194	223215	15.65%	0.366%
196	12.315	12.298	12.334	VV	7706	160793	11	
197	12.353	12.334	12.374	VV	8361	191290	13	
198	12.390	12.374	12.402	VV	7581	119444	8	
199	12.416	12.402	12.449	VV	7859	206816	14	
200	12.485	12.449	12.511	VV	7817	255861	17	
201	12.530	12.511	12.586	VV	8543	315208	22.10%	0.517%
202	12.612	12.586	12.622	VV	7480	142885	10.02%	0.234%
203	12.640	12.622	12.660	VV	9853	183449	12.86%	0.301%
204	12.677	12.660	12.736	VV	7417	287456	20.15%	0.471%
205	12.754	12.736	12.821	VV	6713	268063	18.79%	0.440%
206	12.836	12.821	12.868	VV	4876	130478	9.15%	0.214%
207	12.882	12.868	12.901	VV	4851	86462	6.06%	0.142%
208	12.913	12.901	12.931	VV	4001	67894	4.76%	0.111%
209	12.951	12.931	12.962	VV	3923	69268	4.86%	0.114%
210	12.973	12.962	12.991	VV	4059	68585	4.81%	0.112%
211	13.010	12.991	13.032	VV	3860	89140	6.25%	0.146%
212	13.052	13.032	13.098	VV	3871	132493	9.29%	0.217%
213	13.137	13.098	13.168	VV	65176	857200	60.10%	1.406%
214	13.188	13.168	13.255	VV	4441	175251	12.29%	0.287%
215	13.263	13.255	13.286	VV	2795	48240	3.38%	0.079%
216	13.343	13.286	13.366	VV	3062	127379	8.93%	0.209%
217	13.386	13.366	13.431	VV	3093	94993	6.66%	0.156%
218	13.449	13.431	13.464	VV	2295	41321	2.90%	0.068%
219	13.479	13.464	13.504	VV	2305	48921	3.43%	0.080%
220	13.529	13.504	13.554	VV	2175	58330	4.09%	0.096%
221	13.577	13.554	13.630	VV	1843	76201	5.34%	0.125%
222	13.639	13.630	13.715	VV	1602	72065	5.05%	0.118%
223	13.754	13.715	13.776	VV	1451	49756	3.49%	0.082%
224	13.796	13.776	13.821	VV	1454	35260	2.47%	0.058%
225	13.838	13.821	13.871	VV	1380	35504	2.49%	0.058%
226	13.911	13.871	14.068	VV	1132	107227	7.52%	0.176%
227	14.119	14.068	14.174	VV	876	44603	3.13%	0.073%
228	14.197	14.174	14.238	VV	627	21870	1.53%	0.036%
229	14.274	14.238	14.301	VV	691	22686	1.59%	0.037%
230	14.309	14.301	14.314	VV	576	4586	0.32%	0.008%
231	14.321	14.314	14.394	VV	626	23267	1.63%	0.038%
232	14.454	14.394	14.501	VV	684	27102	1.90%	0.044%
233	14.518	14.501	14.561	VV	536	12873	0.90%	0.021%
234	14.587	14.561	14.662	VV	445	18290	1.28%	0.030%
235	14.671	14.662	14.696	VV	226	4114	0.29%	0.007%
236	14.717	14.696	14.742	VV	231	4462	0.31%	0.007%
237	14.755	14.742	14.795	VV	186	4823	0.34%	0.008%
238	14.831	14.795	14.881	VV	6259	84363	5.92%	0.138%
239	14.889	14.881	14.918	VV	192	3120	0.22%	0.005%
240	14.955	14.918	14.970	VV	351	6652	0.47%	0.011%
241	14.993	14.970	15.018	VV	659	10542	0.74%	0.017%
242	15.038	15.018	15.065	VV	304	5086	0.36%	0.008%
243	15.075	15.065	15.102	VV	129	1985	0.14%	0.003%
244	15.115	15.102	15.178	VV	104	3189	0.22%	0.005%
245	15.187	15.178	15.220	VV	105	1490	0.10%	0.002%
246	15.229	15.220	15.311	VV	95	2833	0.20%	0.005%

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247	15.319	15.311	15.331	VV	67	623	0.04%	0.001%
248	15.375	15.331	15.455	VV	2795	53620		
249	15.466	15.455	15.490	VV	173	2465		
250	15.514	15.490	15.568	VV	777	14797		
251	15.596	15.568	15.664	VV	441	7203		
252	15.679	15.664	15.728	VV	41	1404		
253	15.787	15.728	15.861	PV	134	5328	0.37%	0.009%
254	15.873	15.861	15.877	VV	103	722	0.05%	0.001%
255	15.889	15.877	15.919	VV	192	3211	0.23%	0.005%
256	15.935	15.919	15.991	VV	86	4051	0.28%	0.007%
257	16.016	15.991	16.084	VV	768	14123	0.99%	0.023%
258	16.087	16.084	16.095	VV	130	531	0.04%	0.001%
259	16.102	16.095	16.111	VV	116	802	0.06%	0.001%
260	16.117	16.111	16.177	VV	301	4745	0.33%	0.008%
261	16.188	16.177	16.259	VV	136	4236	0.30%	0.007%
262	16.326	16.259	16.348	PV	159	3878	0.27%	0.006%
263	16.390	16.348	16.441	VV	331	8741	0.61%	0.014%
264	16.462	16.441	16.473	VV	210	2835	0.20%	0.005%
265	16.499	16.473	16.555	VV	925	15913	1.12%	0.026%
266	16.583	16.555	16.620	VV	376	7260	0.51%	0.012%
267	16.706	16.620	16.719	VV	170	6170	0.43%	0.010%
268	16.731	16.719	16.751	VV	151	1687	0.12%	0.003%
269	16.809	16.751	16.844	VV	158	5149	0.36%	0.008%
270	16.865	16.844	16.887	VV	219	4343	0.30%	0.007%
271	16.904	16.887	16.914	VV	210	1820	0.13%	0.003%
272	16.967	16.914	16.991	VV	794	13663	0.96%	0.022%
273	17.019	16.991	17.069	VV	523	12417	0.87%	0.020%
274	17.078	17.069	17.100	VV	131	1983	0.14%	0.003%
275	17.189	17.100	17.221	VV	222	10123	0.71%	0.017%
276	17.241	17.221	17.278	VV	236	5983	0.42%	0.010%
277	17.351	17.278	17.380	VV	334	13543	0.95%	0.022%
278	17.417	17.380	17.454	VV	842	17919	1.26%	0.029%
279	17.476	17.454	17.491	VV	300	5176	0.36%	0.008%
280	17.511	17.491	17.551	VV	355	9680	0.68%	0.016%
281	17.582	17.551	17.648	VV	312	13647	0.96%	0.022%
282	17.658	17.648	17.671	VV	252	3068	0.22%	0.005%
283	17.703	17.671	17.728	VV	313	7896	0.55%	0.013%
284	17.746	17.728	17.767	VV	295	5819	0.41%	0.010%
285	17.807	17.767	17.838	VV	427	14270	1.00%	0.023%
286	17.855	17.838	17.885	VV	718	13933	0.98%	0.023%
287	17.944	17.885	17.988	VV	737	26949	1.89%	0.044%
288	18.030	17.988	18.041	VV	479	13154	0.92%	0.022%
289	18.094	18.041	18.114	VV	568	20584	1.44%	0.034%
290	18.129	18.114	18.168	VV	592	15430	1.08%	0.025%
291	18.218	18.168	18.258	VV	1758	53381	3.74%	0.088%
292	18.282	18.258	18.340	VV	1128	37642	2.64%	0.062%
293	18.378	18.340	18.422	VV	763	31987	2.24%	0.052%
294	18.448	18.422	18.463	VV	679	15356	1.08%	0.025%
295	18.542	18.463	18.559	VV	760	40258	2.82%	0.066%
296	18.595	18.559	18.611	VV	786	22724	1.59%	0.037%
297	18.701	18.611	18.758	VV	1028	76605	5.37%	0.126%
298	18.793	18.758	18.865	VV	1087	64644	4.53%	0.106%
299	18.873	18.865	18.901	VV	1021	21522	1.51%	0.035%

Instrument :
FID_C
ClientSampleId :
GSB5DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/30/2025
Supervised By :mohammad ahmed 05/30/2025

rteres

300	18.909	18.901	18.920	VV	1034	11265	0.79%	0.018%
301	19.051	18.920	19.078	VV	2201	124918	8	
302	19.102	19.078	19.134	VV	1722	52453	3	
303	19.190	19.134	19.215	VV	1583	71937	5	

Sum of corrected areas: 609

Aliphatic EPH 052425.M Fri May 30 10:43:36 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069030.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 14:08
Operator : YP/AJ
Sample : PB168182BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168182BL

Integration File: autoint1.e
Quant Time: May 29 05:44:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.706	4180455	33.893 ug/ml
Spiked Amount 50.000		Recovery = 67.79%	
12) S 1-chlorooctadecane (S...	13.139	3217371	35.863 ug/ml
Spiked Amount 50.000		Recovery = 71.73%	
Target Compounds			

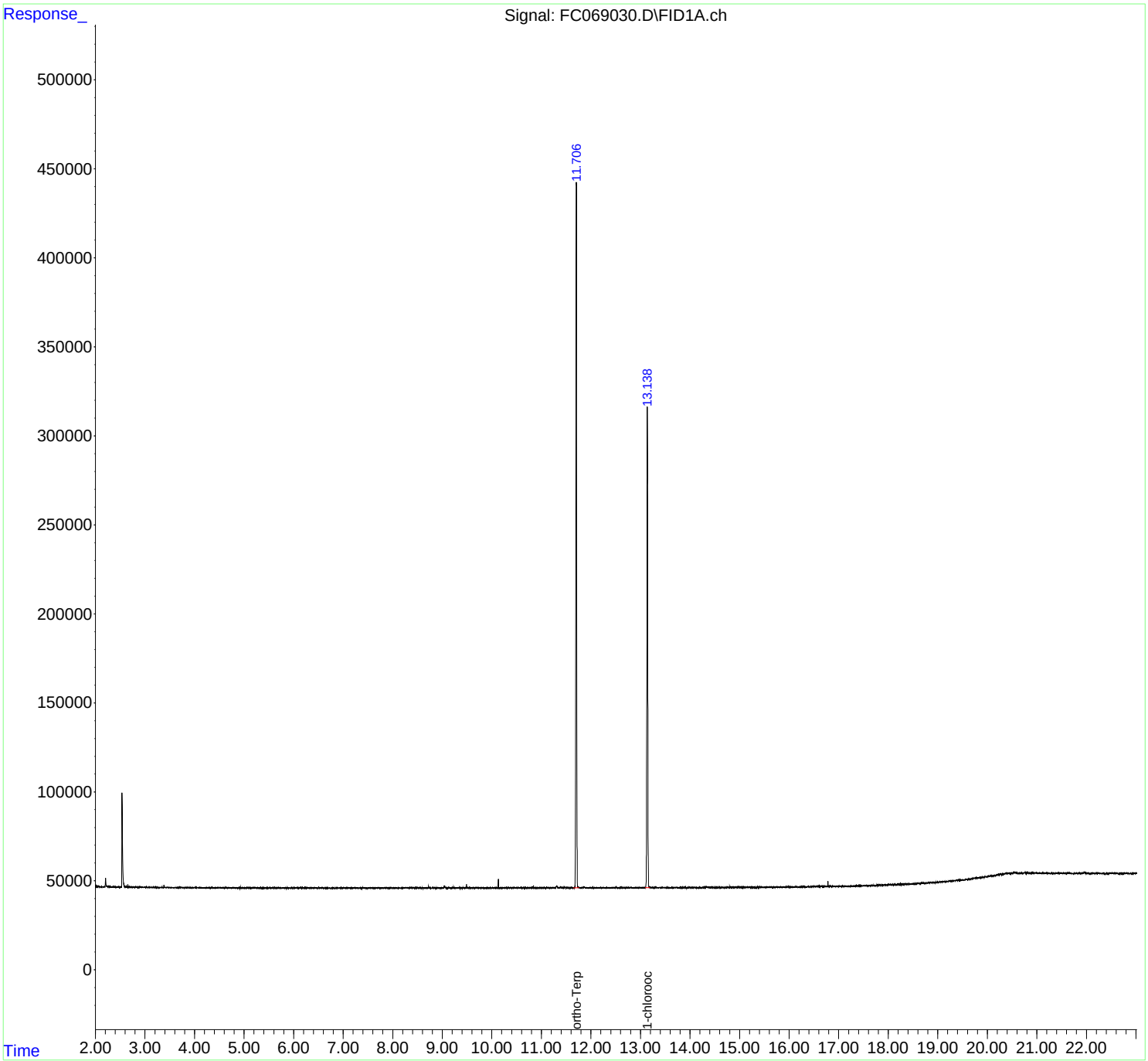
(f)=RT Delta > 1/2 Window (m)=manual int.

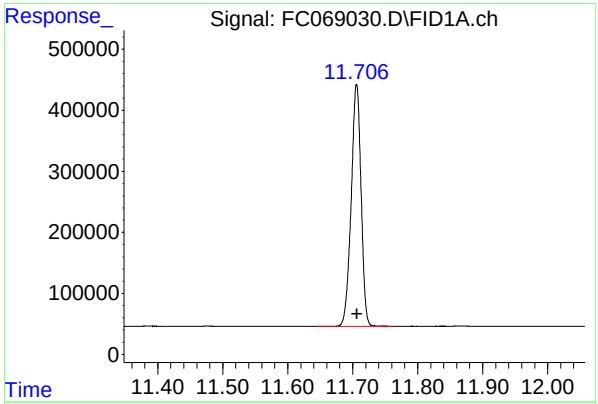
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069030.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 14:08
Operator : YP/AJ
Sample : PB168182BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168182BL

Integration File: autoint1.e
Quant Time: May 29 05:44:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

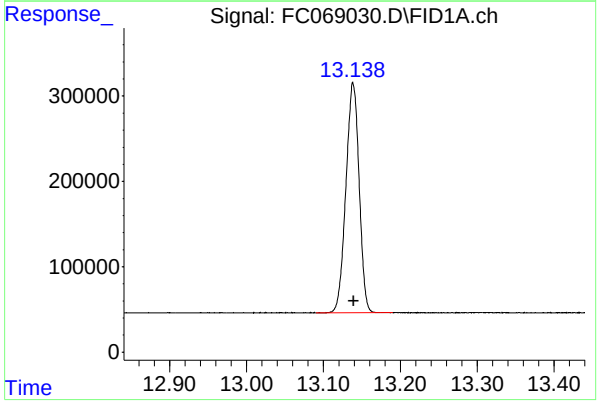




#9 ortho-Terphenyl (SURR)

R.T.: 11.706 min
Delta R.T.: 0.000 min
Response: 4180455
Conc: 33.89 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168182BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.139 min
Delta R.T.: 0.000 min
Response: 3217371
Conc: 35.86 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069030.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 14:08
Sample : PB168182BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	11.706	11.644	11.762	BB	397372	4180455	100.00%	56.509%
2	13.139	13.090	13.190	BB	268929	3217371	76.96%	43.491%
			Sum of corrected areas:			7397826		

Aliphatic EPH 052425.M Thu May 29 06:41:32 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069031.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 14:46
Operator : YP/AJ
Sample : PB168182BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168182BS

Integration File: autoint1.e
Quant Time: May 29 05:44:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.707	4860614	39.407 ug/ml
Spiked Amount	50.000		Recovery =	78.81%
12) S	1-chlorooctadecane (S...	13.140	3820055	42.580 ug/ml
Spiked Amount	50.000		Recovery =	85.16%
	Target Compounds			
1) T	n-Nonane (C9)	3.452	3895073	36.703 ug/ml
2) T	n-Decane (C10)	4.522	4160719	39.286 ug/ml
3) T	A~Naphthalene (C11.7)	6.114	4960418	42.897 ug/ml
4) T	n-Dodecane (C12)	6.541	4282820	40.741 ug/ml
5) T	A~2-methylnaphthalene...	7.171	4560278	40.225 ug/ml
6) T	n-Tetradecane (C14)	8.339	4238387	41.349 ug/ml
7) T	n-Hexadecane (C16)	9.940	4248410	41.870 ug/ml
8) T	n-Octadecane (C18)	11.383	4148539	41.509 ug/ml
10) T	n-Eicosane (C20)	12.694	4189435	43.014 ug/ml
11) T	n-Heneicosane (C21)	13.306	3988714	41.440 ug/ml
13) T	n-Docosane (C22)	13.893	3925911	41.209 ug/ml
14) T	n-Tetracosane (C24)	14.990	8168229	86.755 ug/ml
15) T	n-Hexacosane (C26)	16.020	3769744	40.604 ug/ml
16) T	n-Octacosane (C28)	16.970	3745020	40.290 ug/ml
17) T	n-Tricontane (C30)	17.860	3739893	38.652 ug/ml
18) T	n-Dotriacontane (C32)	18.692	3704258	37.380 ug/ml
19) T	n-Tetratriacontane (C34)	19.477	3696921	38.358 ug/ml
20) T	n-Hexatriacontane (C36)	20.218	3289087	34.648 ug/ml
21) T	n-Octatriacontane (C38)	20.990	2946698	32.298 ug/ml
22) T	n-Tetracontane (C40)	21.963	2541822	28.807 ug/ml

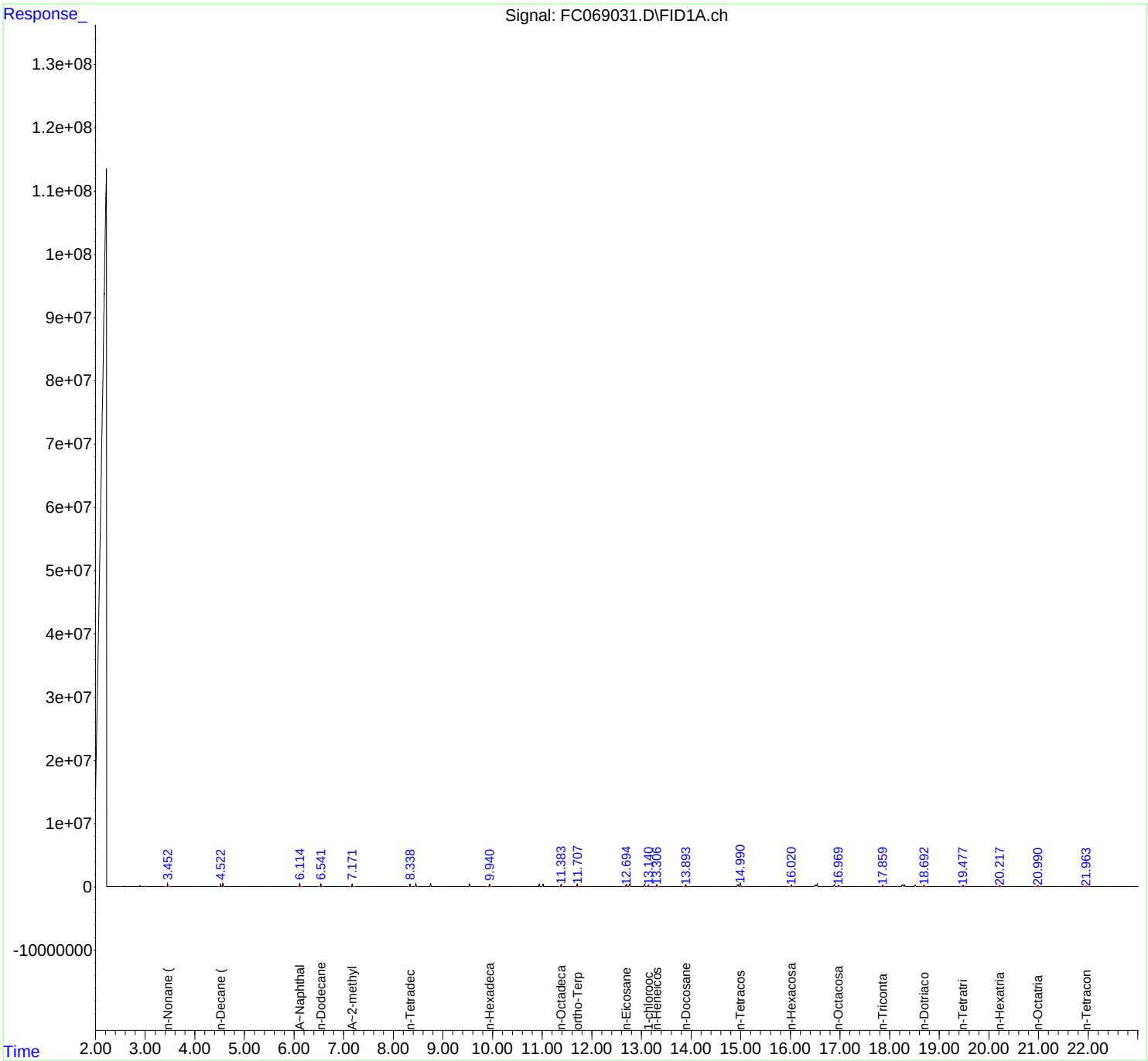
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069031.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 14:46
Operator : YP/AJ
Sample : PB168182BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168182BS

Integration File: autoint1.e
Quant Time: May 29 05:44:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069031.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 14:46
Sample : PB168182BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.452	3.395	3.500	BB	475404	3895073	47.69%	2.444%
2	4.522	4.460	4.544	BV	468879	4160719	50.94%	2.611%
3	4.566	4.544	4.610	VV	532980	4715707	57.73%	2.959%
4	6.114	6.062	6.185	BB	545556	4960418	60.73%	3.113%
5	6.541	6.480	6.587	BB	439049	4282820	52.43%	2.688%
6	7.171	7.122	7.244	BB	472953	4560278	55.83%	2.862%
7	8.339	8.274	8.382	BB	413471	4238387	51.89%	2.660%
8	8.456	8.402	8.505	BB	480929	4879701	59.74%	3.062%
9	8.752	8.695	8.799	BB	500939	4861886	59.52%	3.051%
10	9.537	9.475	9.602	BB	468507	4825887	59.08%	3.029%
11	9.940	9.875	10.002	BB	396594	4248410	52.01%	2.666%
12	10.942	10.857	10.980	BV	419993	4569057	55.94%	2.867%
13	11.017	10.980	11.074	PV	418876	4478938	54.83%	2.811%
14	11.383	11.330	11.427	BB	377833	4148539	50.79%	2.603%
15	11.707	11.649	11.747	BB	452469	4860614	59.51%	3.050%
16	12.694	12.627	12.726	BV	352858	4189435	51.29%	2.629%
17	12.763	12.726	12.822	VB	399692	4440333	54.36%	2.787%
18	13.063	13.004	13.092	BV	391291	4407411	53.96%	2.766%
19	13.140	13.092	13.197	VB	311160	3820055	46.77%	2.397%
20	13.306	13.237	13.357	BB	332216	3988714	48.83%	2.503%
21	13.893	13.822	13.934	BB	319188	3925911	48.06%	2.464%
22	14.942	14.874	14.962	BV	334636	4325670	52.96%	2.715%
23	14.990	14.962	15.052	VB	589165	8168229	100.00%	5.126%
24	16.020	15.954	16.067	BB	289741	3769744	46.15%	2.366%
25	16.503	16.427	16.518	BV	312026	4520515	55.34%	2.837%
26	16.538	16.518	16.599	VB	396151	4478598	54.83%	2.811%
27	16.885	16.810	16.927	BV	331090	4425900	54.18%	2.778%
28	16.970	16.927	17.020	VB	274782	3745020	45.85%	2.350%
29	17.860	17.800	17.915	BB	264835	3739893	45.79%	2.347%
30	18.259	18.175	18.274	BV	317206	4738261	58.01%	2.974%
31	18.297	18.274	18.369	VB	335404	4360230	53.38%	2.736%
32	18.518	18.435	18.584	BB	300338	4435756	54.30%	2.784%
33	18.692	18.625	18.747	BB	267242	3704258	45.35%	2.325%
34	19.477	19.420	19.524	BB	252698	3696921	45.26%	2.320%
35	20.218	20.160	20.274	BB	224511	3289087	40.27%	2.064%
36	20.990	20.905	21.049	BB	159131	2946698	36.08%	1.849%

rteres
37 21.963 21.890 22.032 BB 100129 2541822 31.12% 1.595%
Sum of corrected areas: 159344897

Aliphatic EPH 052425.M Thu May 29 06:42:27 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069032.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 15:24
Operator : YP/AJ
Sample : PB168182BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168182BSD

Integration File: autoint1.e
Quant Time: May 29 05:44:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.708	4694412	38.059 ug/ml
Spiked Amount	50.000		Recovery =	76.12%
12)	S 1-chlorooctadecane (S...	13.140	3699949	41.242 ug/ml
Spiked Amount	50.000		Recovery =	82.48%
	Target Compounds			
1)	T n-Nonane (C9)	3.452	3910503	36.849 ug/ml
2)	T n-Decane (C10)	4.522	4123883	38.939 ug/ml
3)	T A~Naphthalene (C11.7)	6.114	4815616	41.645 ug/ml
4)	T n-Dodecane (C12)	6.541	4199680	39.951 ug/ml
5)	T A~2-methylnaphthalene...	7.171	4405917	38.863 ug/ml
6)	T n-Tetradecane (C14)	8.339	4114621	40.141 ug/ml
7)	T n-Hexadecane (C16)	9.940	4093125	40.339 ug/ml
8)	T n-Octadecane (C18)	11.383	3977029	39.792 ug/ml
10)	T n-Eicosane (C20)	12.694	4003183	41.101 ug/ml
11)	T n-Heneicosane (C21)	13.306	3808397	39.567 ug/ml
13)	T n-Docosane (C22)	13.892	3743596	39.295 ug/ml
14)	T n-Tetracosane (C24)	14.989	7767482	82.499 ug/ml
15)	T n-Hexacosane (C26)	16.019	3586959	38.635 ug/ml
16)	T n-Octacosane (C28)	16.969	3561834	38.319 ug/ml
17)	T n-Tricontane (C30)	17.860	3549113	36.681 ug/ml
18)	T n-Dotriacontane (C32)	18.691	3491308	35.231 ug/ml
19)	T n-Tetratriacontane (C34)	19.477	3408456	35.365 ug/ml
20)	T n-Hexatriacontane (C36)	20.217	2908984	30.644 ug/ml
21)	T n-Octatriacontane (C38)	20.989	2487372	27.263 ug/ml
22)	T n-Tetracontane (C40)	21.962	2058744	23.333 ug/ml

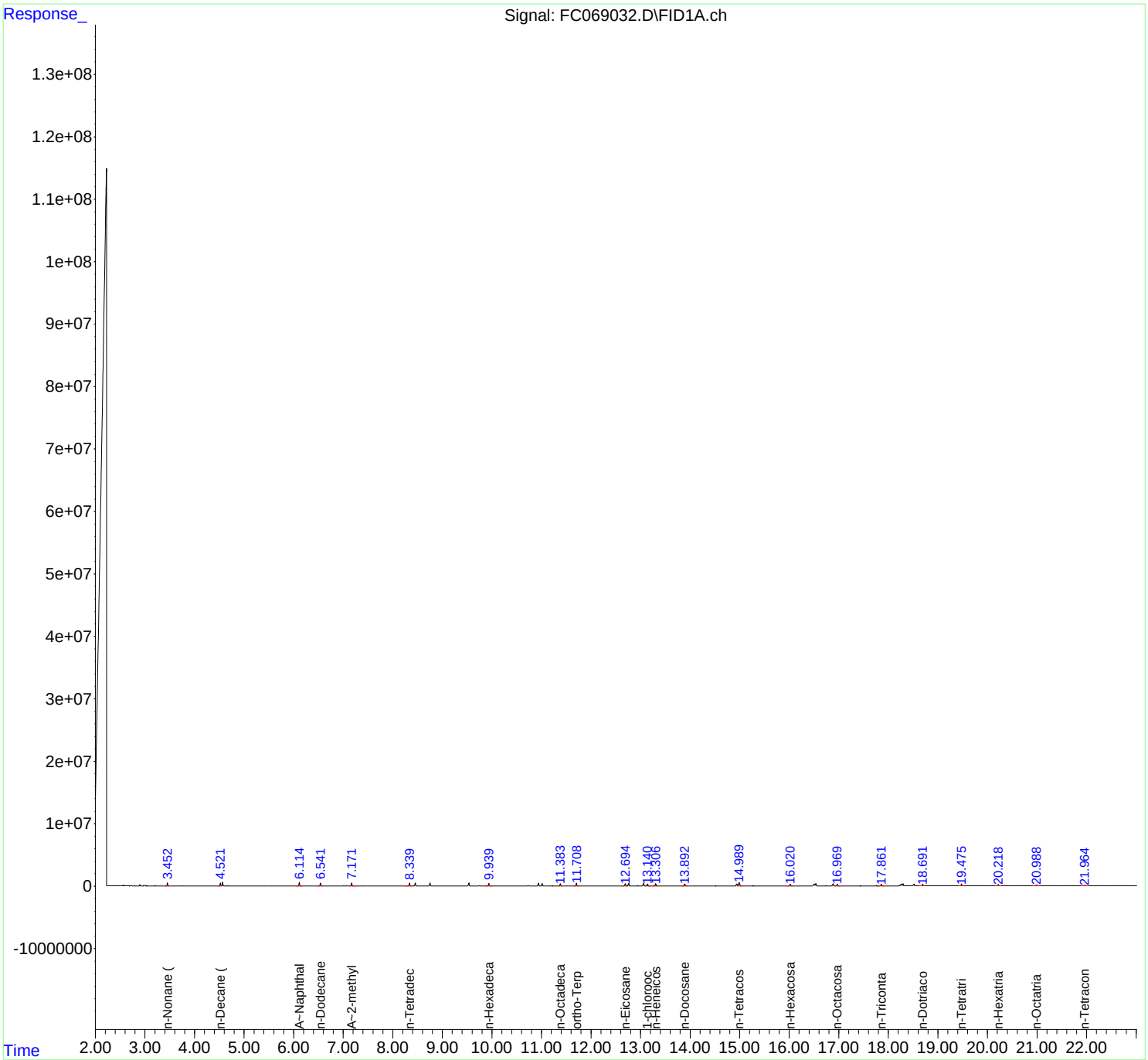
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069032.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 15:24
Operator : YP/AJ
Sample : PB168182BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168182BSD

Integration File: autoint1.e
Quant Time: May 29 05:44:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069032.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 15:24
Sample : PB168182BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.452	3.395	3.492	BB	469162	3910503	50.34%	2.578%
2	4.522	4.465	4.544	BV	465133	4123883	53.09%	2.719%
3	4.566	4.544	4.612	VV	528603	4638570	59.72%	3.059%
4	6.114	6.052	6.182	BB	525731	4815616	62.00%	3.175%
5	6.541	6.475	6.585	BB	429680	4199680	54.07%	2.769%
6	7.171	7.122	7.253	BB	465118	4405917	56.72%	2.905%
7	8.339	8.260	8.387	BB	407863	4114621	52.97%	2.713%
8	8.455	8.390	8.503	BB	472764	4674993	60.19%	3.083%
9	8.752	8.695	8.798	BB	470312	4657535	59.96%	3.071%
10	9.537	9.475	9.595	BB	441510	4604388	59.28%	3.036%
11	9.940	9.873	10.002	BB	380282	4093125	52.70%	2.699%
12	10.941	10.858	10.978	BV	397848	4346642	55.96%	2.866%
13	11.017	10.978	11.070	VV	393940	4266219	54.92%	2.813%
14	11.383	11.330	11.422	BB	348000	3977029	51.20%	2.622%
15	11.708	11.650	11.758	BB	432161	4694412	60.44%	3.095%
16	12.694	12.628	12.725	BV	345511	4003183	51.54%	2.640%
17	12.762	12.725	12.790	PB	367249	4205178	54.14%	2.773%
18	13.062	12.990	13.092	BV	380227	4178500	53.79%	2.755%
19	13.140	13.092	13.197	VB	318866	3699949	47.63%	2.440%
20	13.306	13.238	13.353	BB	323116	3808397	49.03%	2.511%
21	13.892	13.830	13.948	BB	313199	3743596	48.20%	2.468%
22	14.942	14.873	14.962	BV	315266	4108640	52.90%	2.709%
23	14.989	14.962	15.052	VB	559763	7767482	100.00%	5.122%
24	16.019	15.952	16.068	BB	272209	3586959	46.18%	2.365%
25	16.501	16.423	16.517	BV	307059	4266603	54.93%	2.813%
26	16.536	16.517	16.570	VB	368016	4240402	54.59%	2.796%
27	16.884	16.808	16.925	BV	333466	4195956	54.02%	2.767%
28	16.969	16.925	17.025	VB	281585	3561834	45.86%	2.349%
29	17.860	17.800	17.918	BB	253582	3549113	45.69%	2.340%
30	18.258	18.172	18.273	BV	287123	4499166	57.92%	2.967%
31	18.296	18.273	18.368	VB	325031	4167871	53.66%	2.748%
32	18.516	18.435	18.573	BB	289161	4198160	54.05%	2.768%
33	18.691	18.617	18.738	BB	246514	3491308	44.95%	2.302%
34	19.477	19.420	19.527	BB	235968	3408456	43.88%	2.247%
35	20.217	20.160	20.272	BB	197666	2908984	37.45%	1.918%
36	20.989	20.910	21.047	BB	132793	2487372	32.02%	1.640%

rteres
37 21.962 21.890 22.047 BB 78441 2058744 26.50% 1.357%
Sum of corrected areas: 151658983

Aliphatic EPH 052425.M Thu May 29 06:43:12 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069038.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 19:09
Operator : YP/AJ
Sample : Q2125-05MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB5MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e
Quant Time: May 29 07:41:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.709	3773295	30.592 ug/ml
Spiked Amount	50.000		Recovery =	61.18%
12) S	1-chlorooctadecane (S...	13.140	2799762	31.208 ug/ml
Spiked Amount	50.000		Recovery =	62.42%
	Target Compounds			
1) T	n-Nonane (C9)	3.451	3569739	33.638 ug/ml
2) T	n-Decane (C10)	4.521	3690309	34.845 ug/ml
3) T	A~Naphthalene (C11.7)	6.114	4426621	38.281 ug/ml
4) T	n-Dodecane (C12)	6.542	3909824	37.193 ug/ml
5) T	A~2-methylnaphthalene...	7.172	4478930	39.507 ug/ml
6) T	n-Tetradecane (C14)	8.340	4404735	42.972 ug/ml
7) T	n-Hexadecane (C16)	9.942	4726012	46.577 ug/mlm
8) T	n-Octadecane (C18)	11.384	3412771	34.147 ug/mlm
10) T	n-Eicosane (C20)	12.694	3604500	37.008 ug/ml
11) T	n-Heneicosane (C21)	13.307	3188150	33.123 ug/ml
13) T	n-Docosane (C22)	13.892	3140077	32.960 ug/ml
14) T	n-Tetracosane (C24)	14.988	6657266	70.707 ug/ml
15) T	n-Hexacosane (C26)	16.020	3069089	33.057 ug/ml
16) T	n-Octacosane (C28)	16.969	3047628	32.787 ug/ml
17) T	n-Tricontane (C30)	17.859	3062302	31.649 ug/ml
18) T	n-Dotriacontane (C32)	18.692	3108737	31.370 ug/ml
19) T	n-Tetratriacontane (C34)	19.478	3276209	33.993 ug/ml
20) T	n-Hexatriacontane (C36)	20.218	3271482	34.462 ug/ml
21) T	n-Octatriacontane (C38)	20.990	3383494	37.086 ug/ml
22) T	n-Tetracontane (C40)	21.967	3336253	37.811 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

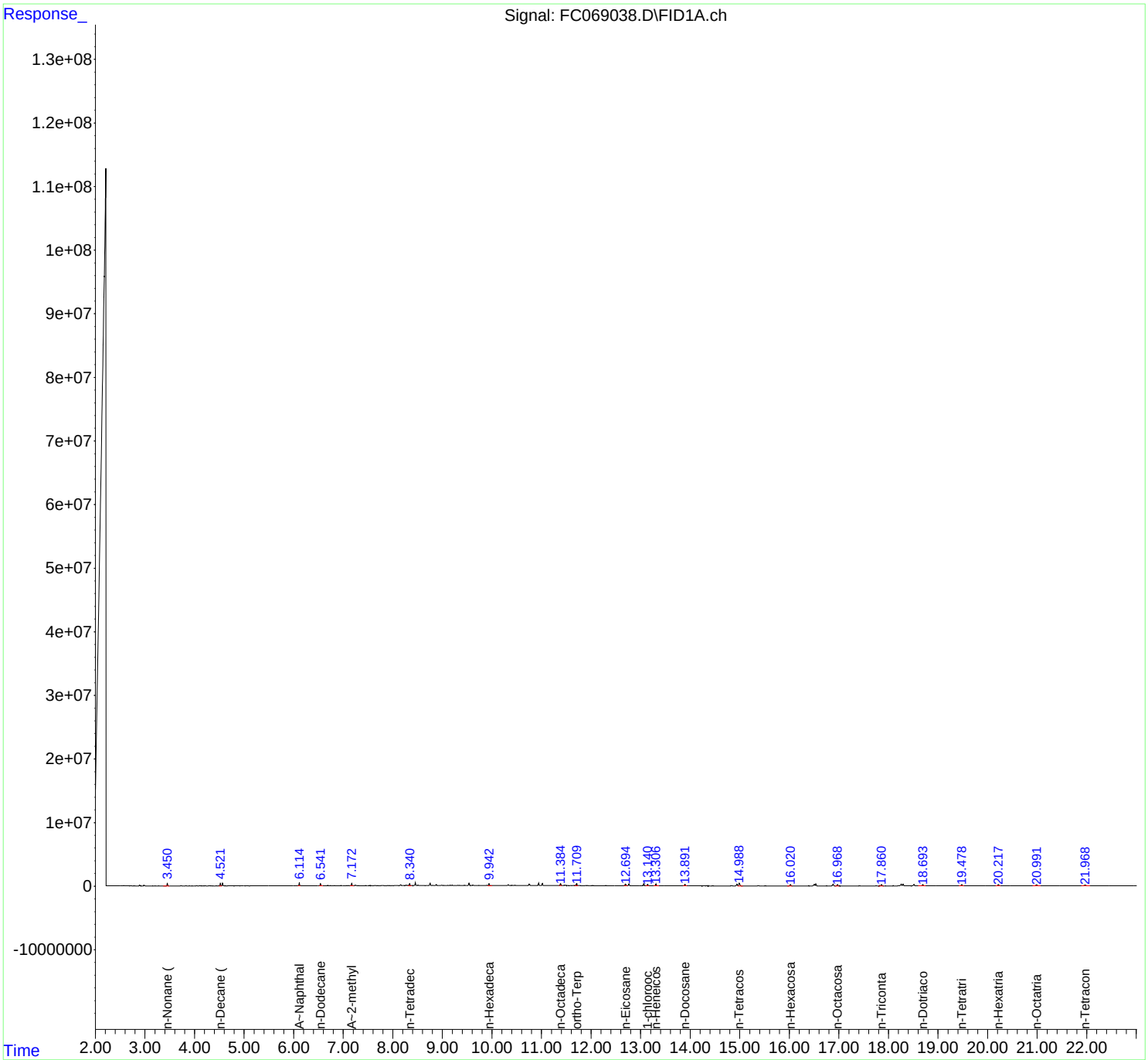
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069038.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 19:09
Operator : YP/AJ
Sample : Q2125-05MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB5MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e
Quant Time: May 29 07:41:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



Instrument :
FID_C
ClientSampleId :
GSB5MS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC05282
Data File : FC069038.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 19:09
Sample : Q2125-05MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.277	3.221	3.291	BV	2363	16612	0.23%	0.005%
2	3.301	3.291	3.321	VV	1452	10597	0.15%	0.003%
3	3.335	3.321	3.373	PV	420	6816	0.10%	0.002%
4	3.402	3.373	3.418	PV	559	5716	0.08%	0.002%
5	3.451	3.418	3.490	VV	427579	3585324	50.58%	0.999%
6	3.500	3.490	3.538	VV	976	10550	0.15%	0.003%
7	3.553	3.538	3.565	PV	241	2562	0.04%	0.001%
8	3.581	3.565	3.595	VV	1948	21337	0.30%	0.006%
9	3.604	3.595	3.618	VV	1555	14340	0.20%	0.004%
10	3.652	3.618	3.683	VV	2196	39440	0.56%	0.011%
11	3.725	3.683	3.757	VV	4867	96519	1.36%	0.027%
12	3.778	3.757	3.797	VV	2007	33255	0.47%	0.009%
13	3.825	3.797	3.870	VV	8142	121405	1.71%	0.034%
14	3.897	3.870	3.934	VV	4892	76350	1.08%	0.021%
15	3.949	3.934	3.980	VV	2477	31118	0.44%	0.009%
16	3.998	3.980	4.015	VV	4824	41340	0.58%	0.012%
17	4.040	4.015	4.082	VV	4061	86813	1.22%	0.024%
18	4.097	4.082	4.106	VV	4134	41696	0.59%	0.012%
19	4.120	4.106	4.137	VV	6110	70205	0.99%	0.020%
20	4.150	4.137	4.168	VV	3792	46319	0.65%	0.013%
21	4.185	4.168	4.199	VV	3583	48520	0.68%	0.014%
22	4.216	4.199	4.239	VV	6851	79322	1.12%	0.022%
23	4.300	4.239	4.315	VV	5056	105825	1.49%	0.029%
24	4.329	4.315	4.354	VV	5978	78829	1.11%	0.022%
25	4.367	4.354	4.406	VV	3048	45759	0.65%	0.013%
26	4.439	4.406	4.458	VV	3834	58617	0.83%	0.016%
27	4.480	4.458	4.494	VV	3456	51000	0.72%	0.014%
28	4.521	4.494	4.543	VV	412103	3695905	52.14%	1.030%
29	4.566	4.543	4.612	VV	457704	4133112	58.31%	1.151%
30	4.627	4.612	4.652	VV	5746	70157	0.99%	0.020%
31	4.675	4.652	4.708	VV	10982	165659	2.34%	0.046%
32	4.724	4.708	4.757	VV	8160	161821	2.28%	0.045%
33	4.774	4.757	4.792	VV	24768	251982	3.56%	0.070%
34	4.807	4.792	4.818	VV	9465	101193	1.43%	0.028%
35	4.827	4.818	4.842	VV	7565	87030	1.23%	0.024%
36	4.853	4.842	4.866	VV	6863	72478	1.02%	0.020%

Instrument :
FID_C
ClientSampleId :
GSB5MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

rteres

37	4.895	4.866	4.914	VV	9342	163974	2.31%	0.046%
38	4.935	4.914	4.958	VV	15718	205617		
39	4.972	4.958	4.981	VV	4110	49194		
40	5.001	4.981	5.021	VV	14528	174450		
41	5.045	5.021	5.059	VV	5546	95633		
42	5.072	5.059	5.104	VV	5965	114481		
43	5.129	5.104	5.142	VV	10895	126946	1.79%	0.035%
44	5.160	5.142	5.193	VV	12462	233102	3.29%	0.065%
45	5.218	5.193	5.230	VV	9500	126724	1.79%	0.035%
46	5.263	5.230	5.307	VV	11201	344710	4.86%	0.096%
47	5.323	5.307	5.341	VV	4648	82447	1.16%	0.023%
48	5.362	5.341	5.391	VV	11374	218581	3.08%	0.061%
49	5.425	5.391	5.438	VV	10683	234739	3.31%	0.065%
50	5.454	5.438	5.470	VV	16570	213205	3.01%	0.059%
51	5.486	5.470	5.501	VV	10723	164917	2.33%	0.046%
52	5.511	5.501	5.537	VV	8576	134501	1.90%	0.037%
53	5.565	5.537	5.573	VV	12027	179040	2.53%	0.050%
54	5.590	5.573	5.613	VV	23259	332060	4.68%	0.092%
55	5.629	5.613	5.642	VV	10644	129893	1.83%	0.036%
56	5.651	5.642	5.667	VV	8240	101013	1.43%	0.028%
57	5.697	5.667	5.708	VV	8585	167249	2.36%	0.047%
58	5.715	5.708	5.724	VV	7970	75427	1.06%	0.021%
59	5.749	5.724	5.786	VV	40258	658222	9.29%	0.183%
60	5.805	5.786	5.821	VV	12251	208763	2.95%	0.058%
61	5.843	5.821	5.885	VV	29539	698078	9.85%	0.194%
62	5.906	5.885	5.919	VV	14065	211484	2.98%	0.059%
63	5.932	5.919	5.946	VV	13405	165080	2.33%	0.046%
64	5.969	5.946	5.996	VV	14761	319591	4.51%	0.089%
65	6.016	5.996	6.039	VV	15775	253844	3.58%	0.071%
66	6.062	6.039	6.086	VV	20477	397200	5.60%	0.111%
67	6.114	6.086	6.138	VV	475012	4595521	64.84%	1.280%
68	6.156	6.138	6.176	VV	18127	323025	4.56%	0.090%
69	6.217	6.176	6.227	VV	16629	390185	5.50%	0.109%
70	6.244	6.227	6.274	VV	25590	526558	7.43%	0.147%
71	6.300	6.274	6.315	VV	18977	382852	5.40%	0.107%
72	6.331	6.315	6.346	VV	24241	372944	5.26%	0.104%
73	6.380	6.346	6.402	VV	24041	640071	9.03%	0.178%
74	6.423	6.402	6.442	VV	24503	430215	6.07%	0.120%
75	6.478	6.442	6.513	VV	24317	802318	11.32%	0.223%
76	6.541	6.513	6.589	VV	388309	4288741	60.51%	1.195%
77	6.631	6.589	6.642	VV	21133	541474	7.64%	0.151%
78	6.658	6.642	6.670	VV	28532	388418	5.48%	0.108%
79	6.689	6.670	6.711	VV	88318	1152982	16.27%	0.321%
80	6.740	6.711	6.781	VV	45444	1138465	16.06%	0.317%
81	6.822	6.781	6.842	VV	45115	946446	13.35%	0.264%
82	6.867	6.842	6.910	VV	39841	1094249	15.44%	0.305%
83	6.946	6.910	6.969	VV	43507	995889	14.05%	0.277%
84	7.013	6.969	7.029	VV	31887	887290	12.52%	0.247%
85	7.070	7.029	7.087	VV	44545	1199224	16.92%	0.334%
86	7.105	7.087	7.136	VV	52746	1031028	14.55%	0.287%
87	7.172	7.136	7.204	VV	414658	4997850	70.51%	1.392%
88	7.215	7.204	7.224	VV	28292	312885	4.41%	0.087%
89	7.245	7.224	7.289	VV	117972	2233702	31.51%	0.622%

Instrument :
FID_C
ClientSampleId :
GSB5MS

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

90	7.306	7.289	7.330	VV	50779	930341	13.13%	0.259%
91	7.349	7.330	7.368	VV	42820	767570	10	
92	7.396	7.368	7.413	VV	32538	816598	11	
93	7.452	7.413	7.497	VV	49133	1927996	27	
94	7.518	7.497	7.529	VV	44235	741337	10	
95	7.557	7.529	7.577	VV	48618	1236673	17	
96	7.588	7.577	7.614	VV	37843	794538	11.21%	0.221%
97	7.641	7.614	7.679	VV	77771	1935015	27.30%	0.539%
98	7.697	7.679	7.715	VV	49147	845895	11.93%	0.236%
99	7.728	7.715	7.747	VV	32329	596605	8.42%	0.166%
100	7.806	7.747	7.847	VV	59831	2659344	37.52%	0.741%
101	7.861	7.847	7.871	VV	38480	517965	7.31%	0.144%
102	7.905	7.871	7.924	VV	49663	1366361	19.28%	0.381%
103	7.937	7.924	7.959	VV	44500	892725	12.59%	0.249%
104	7.988	7.959	8.007	VV	52501	1215492	17.15%	0.339%
105	8.052	8.007	8.068	VV	61176	1795829	25.34%	0.500%
106	8.082	8.068	8.130	VV	59692	1922489	27.12%	0.536%
107	8.160	8.130	8.183	VV	192182	3198424	45.12%	0.891%
108	8.192	8.183	8.205	VV	50718	654458	9.23%	0.182%
109	8.221	8.205	8.237	VV	49628	879626	12.41%	0.245%
110	8.270	8.237	8.285	VV	120669	2235097	31.53%	0.623%
111	8.297	8.285	8.314	VV	96580	1328159	18.74%	0.370%
112	8.340	8.314	8.365	VV	384265	5048194	71.22%	1.406%
113	8.385	8.365	8.404	VV	83087	1466370	20.69%	0.408%
114	8.456	8.404	8.491	VV	471332	7087956	100.00%	1.974%
115	8.510	8.491	8.551	VV	133500	2802865	39.54%	0.781%
116	8.563	8.551	8.581	VV	66209	1042525	14.71%	0.290%
117	8.591	8.581	8.601	VV	54937	642492	9.06%	0.179%
118	8.623	8.601	8.652	VV	59511	1672280	23.59%	0.466%
119	8.667	8.652	8.680	VV	52521	781729	11.03%	0.218%
120	8.700	8.680	8.717	VV	72602	1293522	18.25%	0.360%
121	8.754	8.717	8.779	VV	467220	6108356	86.18%	1.701%
122	8.806	8.779	8.829	VV	108698	2110361	29.77%	0.588%
123	8.876	8.829	8.900	VV	216550	4408323	62.19%	1.228%
124	8.913	8.900	8.929	VV	64077	999450	14.10%	0.278%
125	8.959	8.929	8.967	VV	63255	1262646	17.81%	0.352%
126	8.989	8.967	9.009	VV	126636	2230480	31.47%	0.621%
127	9.024	9.009	9.043	VV	88441	1442579	20.35%	0.402%
128	9.059	9.043	9.075	VV	65584	1152388	16.26%	0.321%
129	9.111	9.075	9.128	VV	88399	2199528	31.03%	0.613%
130	9.159	9.128	9.176	VV	123852	2418547	34.12%	0.674%
131	9.199	9.176	9.231	VV	130012	2687289	37.91%	0.749%
132	9.247	9.231	9.273	VV	70130	1538434	21.70%	0.429%
133	9.316	9.273	9.333	VV	108075	2539350	35.83%	0.707%
134	9.347	9.333	9.378	VV	94351	1799328	25.39%	0.501%
135	9.395	9.378	9.412	VV	59169	1118293	15.78%	0.312%
136	9.453	9.412	9.476	VV	107602	2871746	40.52%	0.800%
137	9.491	9.476	9.510	VV	65290	1167758	16.48%	0.325%
138	9.538	9.510	9.585	VV	465315	6963113	98.24%	1.940%
139	9.617	9.585	9.669	VV	137247	3957902	55.84%	1.102%
140	9.696	9.669	9.724	VV	82159	2409156	33.99%	0.671%
141	9.738	9.724	9.766	VV	89559	1814054	25.59%	0.505%

Instrument :
FID_C
ClientSampleId :
GSB5MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

rteres

142	9.775	9.766	9.794	VV	60700	991077	13.98%	0.276%
143	9.812	9.794	9.834	VV	75475	1449223	20	
144	9.860	9.834	9.878	VV	78063	1763895	24	
145	9.898	9.878	9.918	VV	87190	1888073	26	
146	9.942	9.918	9.995	VV	395143	6604274	93	
147	10.018	9.995	10.031	VV	65528	1384927	19	
148	10.050	10.031	10.092	VV	71601	2230816	31.47%	0.621%
149	10.118	10.092	10.197	VV	81746	3628121	51.19%	1.011%
150	10.219	10.197	10.238	VV	59067	1282387	18.09%	0.357%
151	10.278	10.238	10.301	VV	80103	2179280	30.75%	0.607%
152	10.331	10.301	10.358	VV	189710	3553963	50.14%	0.990%
153	10.388	10.358	10.400	VV	86567	1750762	24.70%	0.488%
154	10.414	10.400	10.439	VV	90919	1656341	23.37%	0.461%
155	10.459	10.439	10.506	VV	111562	2859295	40.34%	0.796%
156	10.533	10.506	10.571	VV	74794	2512070	35.44%	0.700%
157	10.599	10.571	10.648	VV	81992	3047017	42.99%	0.849%
158	10.665	10.648	10.690	VV	73735	1703855	24.04%	0.475%
159	10.704	10.690	10.721	VV	71402	1202885	16.97%	0.335%
160	10.754	10.721	10.781	VV	298822	5297201	74.74%	1.476%
161	10.797	10.781	10.833	VV	65932	1868221	26.36%	0.520%
162	10.894	10.833	10.915	VV	57571	2615651	36.90%	0.729%
163	10.944	10.915	10.987	VV	434577	6293955	88.80%	1.753%
164	11.018	10.987	11.048	VV	414682	5595929	78.95%	1.559%
165	11.074	11.048	11.102	VV	68823	1823310	25.72%	0.508%
166	11.118	11.102	11.132	VV	48875	872227	12.31%	0.243%
167	11.154	11.132	11.175	VV	56747	1315228	18.56%	0.366%
168	11.186	11.175	11.194	VV	47497	520766	7.35%	0.145%
169	11.215	11.194	11.223	VV	52035	891798	12.58%	0.248%
170	11.247	11.223	11.268	VV	66920	1547896	21.84%	0.431%
171	11.291	11.268	11.314	VV	62689	1538911	21.71%	0.429%
172	11.332	11.314	11.358	VV	59910	1452490	20.49%	0.405%
173	11.384	11.358	11.442	VV	352915	6002208	84.68%	1.672%
174	11.475	11.442	11.509	VV	154777	3439713	48.53%	0.958%
175	11.535	11.509	11.559	VV	52804	1379842	19.47%	0.384%
176	11.591	11.559	11.613	VV	58998	1566189	22.10%	0.436%
177	11.630	11.613	11.665	VV	46492	1396296	19.70%	0.389%
178	11.709	11.665	11.731	VV	357446	5176989	73.04%	1.442%
179	11.742	11.731	11.758	VV	62931	872742	12.31%	0.243%
180	11.773	11.758	11.811	VV	68539	1549313	21.86%	0.432%
181	11.836	11.811	11.870	VV	40708	1365407	19.26%	0.380%
182	11.893	11.870	11.910	VV	54453	1079444	15.23%	0.301%
183	11.926	11.910	11.972	VV	49852	1542035	21.76%	0.430%
184	11.989	11.972	12.004	VV	36385	686628	9.69%	0.191%
185	12.032	12.004	12.059	VV	63404	1548022	21.84%	0.431%
186	12.078	12.059	12.105	VV	42775	1037813	14.64%	0.289%
187	12.145	12.105	12.228	VV	38596	2464875	34.78%	0.687%
188	12.246	12.228	12.260	VV	36065	641886	9.06%	0.179%
189	12.297	12.260	12.340	VV	50404	1747260	24.65%	0.487%
190	12.357	12.340	12.379	VV	31663	667045	9.41%	0.186%
191	12.392	12.379	12.403	VV	28234	407084	5.74%	0.113%
192	12.420	12.403	12.455	VV	28774	827065	11.67%	0.230%
193	12.486	12.455	12.510	VV	29798	871889	12.30%	0.243%
194	12.533	12.510	12.590	VV	33406	1269807	17.92%	0.354%

Instrument :
FID_C
ClientSampleId :
GSB5MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

rteres

195	12.615	12.590	12.625	VV	27470	524925	7.41%	0.146%
196	12.644	12.625	12.663	VV	36463	693263	9	
197	12.694	12.663	12.733	VV	304893	4361680	61	
198	12.764	12.733	12.826	VV	347560	4701676	66	
199	12.840	12.826	12.870	VV	18960	462614	6	
200	12.887	12.870	12.905	VV	18561	345492	4	
201	12.914	12.905	12.931	VV	15234	235902	3.33%	0.066%
202	12.949	12.931	12.995	VV	18190	598239	8.44%	0.167%
203	13.012	12.995	13.030	VV	15297	300387	4.24%	0.084%
204	13.064	13.030	13.098	VV	331484	4105999	57.93%	1.144%
205	13.140	13.098	13.170	VV	250444	3296982	46.52%	0.918%
206	13.190	13.170	13.221	VV	16528	428221	6.04%	0.119%
207	13.231	13.221	13.273	VV	11689	346923	4.89%	0.097%
208	13.307	13.273	13.369	VV	279886	3761527	53.07%	1.048%
209	13.388	13.369	13.438	VV	12734	403829	5.70%	0.112%
210	13.452	13.438	13.466	VV	9281	144918	2.04%	0.040%
211	13.483	13.466	13.504	VV	9266	191563	2.70%	0.053%
212	13.537	13.504	13.571	VV	9988	345782	4.88%	0.096%
213	13.576	13.571	13.621	VV	8281	216878	3.06%	0.060%
214	13.635	13.621	13.711	VV	6708	323493	4.56%	0.090%
215	13.728	13.711	13.775	VV	5981	207268	2.92%	0.058%
216	13.794	13.775	13.825	VV	5682	155981	2.20%	0.043%
217	13.838	13.825	13.857	VV	5434	97214	1.37%	0.027%
218	13.892	13.857	13.935	VV	267755	3322882	46.88%	0.926%
219	13.950	13.935	14.003	VV	4186	154114	2.17%	0.043%
220	14.013	14.003	14.055	VV	3459	100609	1.42%	0.028%
221	14.068	14.055	14.088	VV	3170	57841	0.82%	0.016%
222	14.119	14.088	14.236	VV	3309	230401	3.25%	0.064%
223	14.280	14.236	14.315	VV	2892	113161	1.60%	0.032%
224	14.328	14.315	14.355	VV	2454	51796	0.73%	0.014%
225	14.362	14.355	14.404	VV	2049	52539	0.74%	0.015%
226	14.414	14.404	14.428	VV	1546	22381	0.32%	0.006%
227	14.456	14.428	14.494	VV	2895	76422	1.08%	0.021%
228	14.512	14.494	14.545	VV	1668	45034	0.64%	0.013%
229	14.572	14.545	14.643	VV	1389	71730	1.01%	0.020%
230	14.674	14.643	14.707	VV	1246	38954	0.55%	0.011%
231	14.717	14.707	14.733	VV	916	13484	0.19%	0.004%
232	14.741	14.733	14.784	VV	929	23201	0.33%	0.006%
233	14.832	14.784	14.900	VV	24377	331592	4.68%	0.092%
234	14.942	14.900	14.962	VV	278688	3573024	50.41%	0.995%
235	14.988	14.962	15.154	VV	434606	6714499	94.73%	1.870%
236	15.174	15.154	15.214	VV	754	17551	0.25%	0.005%
237	15.241	15.214	15.268	VV	421	9577	0.14%	0.003%
238	15.278	15.268	15.322	VV	264	6946	0.10%	0.002%
239	15.372	15.322	15.482	VV	16048	244809	3.45%	0.068%
240	15.515	15.482	15.561	VV	2912	54807	0.77%	0.015%
241	15.595	15.561	15.638	VV	1831	30397	0.43%	0.008%
242	15.644	15.638	15.727	VV	202	4641	0.07%	0.001%
243	15.769	15.727	15.808	VV	138	3811	0.05%	0.001%
244	15.849	15.808	15.870	PV	504	8714	0.12%	0.002%
245	15.892	15.870	15.965	VV	602	11700	0.17%	0.003%
246	16.020	15.965	16.070	VV	233598	3072812	43.35%	0.856%

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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rteres

247	16.080	16.070	16.098	VV	189	1765	0.02%	0.000%
248	16.113	16.098	16.134	VV	133	1679		
249	16.160	16.134	16.178	PV	127	1504		
250	16.223	16.178	16.286	VV	630	11399		
251	16.334	16.286	16.344	VV	692	5957		
252	16.388	16.344	16.431	VV	1529	28266		
253	16.501	16.431	16.517	VV	267775	3743239	52.81%	1.043%
254	16.535	16.517	16.565	VV	323820	3699067	52.19%	1.030%
255	16.583	16.565	16.610	VV	1448	22277	0.31%	0.006%
256	16.630	16.610	16.655	VV	349	6888	0.10%	0.002%
257	16.687	16.655	16.717	VV	200	5525	0.08%	0.002%
258	16.747	16.717	16.787	VV	2072	29638	0.42%	0.008%
259	16.805	16.787	16.828	VV	273	4775	0.07%	0.001%
260	16.882	16.828	16.915	VV	278615	3637253	51.32%	1.013%
261	16.969	16.915	17.003	VV	224774	3075097	43.38%	0.857%
262	17.018	17.003	17.106	VV	1589	28513	0.40%	0.008%
263	17.120	17.106	17.147	PV	117	1374	0.02%	0.000%
264	17.185	17.147	17.241	VV	377	9109	0.13%	0.003%
265	17.253	17.241	17.281	VV	134	1608	0.02%	0.000%
266	17.329	17.281	17.379	VV	847	20482	0.29%	0.006%
267	17.418	17.379	17.449	VV	2692	40664	0.57%	0.011%
268	17.474	17.449	17.485	VV	238	3276	0.05%	0.001%
269	17.510	17.485	17.535	VV	314	5906	0.08%	0.002%
270	17.590	17.535	17.628	VV	171	5661	0.08%	0.002%
271	17.651	17.628	17.668	PV	178	2998	0.04%	0.001%
272	17.704	17.668	17.714	VV	234	4105	0.06%	0.001%
273	17.748	17.714	17.773	VV	2551	37516	0.53%	0.010%
274	17.859	17.773	17.896	VV	217288	3085079	43.53%	0.859%
275	17.946	17.896	17.998	VV	759	14380	0.20%	0.004%
276	18.036	17.998	18.064	VV	217	5350	0.08%	0.001%
277	18.097	18.064	18.117	VV	493	8389	0.12%	0.002%
278	18.132	18.117	18.155	VV	245	2831	0.04%	0.001%
279	18.257	18.155	18.272	PV	289005	4031854	56.88%	1.123%
280	18.295	18.272	18.350	VV	283057	3617074	51.03%	1.008%
281	18.374	18.350	18.435	VV	1201	34055	0.48%	0.009%
282	18.444	18.435	18.455	VV	282	3109	0.04%	0.001%
283	18.514	18.455	18.607	VV	259837	3667869	51.75%	1.022%
284	18.634	18.607	18.647	VV	587	10477	0.15%	0.003%
285	18.692	18.647	18.752	VV	215285	3116742	43.97%	0.868%
286	18.811	18.752	18.832	VV	841	28072	0.40%	0.008%
287	18.852	18.832	18.902	VV	776	18208	0.26%	0.005%
288	18.975	18.902	19.001	VV	450	19102	0.27%	0.005%
289	19.044	19.001	19.076	VV	7246	147075	2.08%	0.041%
290	19.092	19.076	19.131	VV	2375	56014	0.79%	0.016%
291	19.175	19.131	19.219	VV	974	42478	0.60%	0.012%
292	19.288	19.219	19.315	VV	1827	58065	0.82%	0.016%
293	19.333	19.315	19.378	VV	906	30766	0.43%	0.009%
294	19.388	19.378	19.406	VV	917	14223	0.20%	0.004%
295	19.477	19.406	19.525	VV	235404	3339715	47.12%	0.930%
296	19.548	19.525	19.559	VV	1453	27189	0.38%	0.008%
297	19.582	19.559	19.615	VV	1962	50963	0.72%	0.014%
298	19.652	19.615	19.684	VV	1641	57347	0.81%	0.016%
299	19.758	19.684	19.791	VV	1768	97815	1.38%	0.027%

Instrument :
FID_C
ClientSampleId :
GSB5MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

rteres

300	19.820	19.791	19.831	VV	2548	49112	0.69%	0.014%
301	19.848	19.831	19.877	VV	2861	66096		
302	19.890	19.877	19.921	VV	1937	48634		
303	19.954	19.921	19.971	VV	2001	57860		
304	20.016	19.971	20.041	VV	2879	96859		
305	20.104	20.041	20.144	VV	3746	186081		
306	20.218	20.144	20.268	VV	218878	3487510	49.20%	0.971%
307	20.381	20.268	20.428	VV	7443	392207	5.53%	0.109%
308	20.459	20.428	20.503	VV	3508	151859	2.14%	0.042%
309	20.535	20.503	20.550	VV	3624	96678	1.36%	0.027%
310	20.577	20.550	20.598	VV	3937	106936	1.51%	0.030%
311	20.607	20.598	20.661	VV	3535	123415	1.74%	0.034%
312	20.687	20.661	20.731	VV	3128	126541	1.79%	0.035%
313	20.771	20.731	20.805	VV	2967	126498	1.78%	0.035%
314	20.808	20.805	20.832	VV	2861	46172	0.65%	0.013%
315	20.853	20.832	20.864	VV	2888	53961	0.76%	0.015%
316	20.897	20.864	20.928	VV	2860	105364	1.49%	0.029%
317	20.990	20.928	21.135	VV	187023	3695448	52.14%	1.029%
318	21.150	21.135	21.232	VV	2308	125871	1.78%	0.035%
319	21.242	21.232	21.285	VV	2005	61306	0.86%	0.017%
320	21.315	21.285	21.361	VV	2055	89109	1.26%	0.025%
321	21.368	21.361	21.385	VV	1859	26098	0.37%	0.007%
322	21.440	21.385	21.501	VV	2309	133306	1.88%	0.037%
323	21.510	21.501	21.535	VV	1710	32696	0.46%	0.009%
324	21.561	21.535	21.591	VV	1597	52947	0.75%	0.015%
325	21.601	21.591	21.658	VV	1511	55443	0.78%	0.015%
326	21.664	21.658	21.672	VV	1341	10892	0.15%	0.003%
327	21.679	21.672	21.701	VV	1315	21987	0.31%	0.006%
328	21.709	21.701	21.758	VV	1259	40481	0.57%	0.011%
329	21.794	21.758	21.821	VV	1269	45042	0.64%	0.013%
330	21.826	21.821	21.869	VV	1106	29729	0.42%	0.008%
331	21.967	21.869	22.113	VV	135780	3450853	48.69%	0.961%
332	22.178	22.113	22.226	VV	1121	56076	0.79%	0.016%
333	22.234	22.226	22.258	VV	572	9986	0.14%	0.003%
334	22.284	22.258	22.294	VV	512	10653	0.15%	0.003%
335	22.315	22.294	22.411	VV	520	22256	0.31%	0.006%
336	22.424	22.411	22.451	VV	124	2487	0.04%	0.001%

Sum of corrected areas: 358999382

Aliphatic EPH 052425.M Thu May 29 07:58:21 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069039.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 19:46
Operator : YP/AJ
Sample : Q2125-05MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB5MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e
Quant Time: May 29 07:41:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.708	3569626	28.940 ug/ml
Spiked Amount	50.000		Recovery =	57.88%
12) S	1-chlorooctadecane (S...	13.139	2676937	29.839 ug/ml
Spiked Amount	50.000		Recovery =	59.68%
	Target Compounds			
1) T	n-Nonane (C9)	3.451	3822607	36.020 ug/ml
2) T	n-Decane (C10)	4.521	3944064	37.241 ug/ml
3) T	A~Naphthalene (C11.7)	6.114	4726143	40.871 ug/ml
4) T	n-Dodecane (C12)	6.541	4155031	39.526 ug/ml
5) T	A~2-methylnaphthalene...	7.171	4720351	41.637 ug/ml
6) T	n-Tetradecane (C14)	8.340	4595913	44.837 ug/ml
7) T	n-Hexadecane (C16)	9.941	4659108	45.917 ug/mlm
8) T	n-Octadecane (C18)	11.384	3634750	36.368 ug/mlm
10) T	n-Eicosane (C20)	12.695	3845415	39.481 ug/ml
11) T	n-Heneicosane (C21)	13.306	3431957	35.656 ug/ml
13) T	n-Docosane (C22)	13.892	3369132	35.364 ug/ml
14) T	n-Tetracosane (C24)	14.989	7122521	75.648 ug/ml
15) T	n-Hexacosane (C26)	16.020	3283888	35.371 ug/ml
16) T	n-Octacosane (C28)	16.970	3260522	35.077 ug/ml
17) T	n-Tricontane (C30)	17.860	3268971	33.785 ug/ml
18) T	n-Dotriacontane (C32)	18.692	3311569	33.417 ug/ml
19) T	n-Tetratriacontane (C34)	19.477	3495620	36.269 ug/ml
20) T	n-Hexatriacontane (C36)	20.219	3499952	36.869 ug/ml
21) T	n-Octatriacontane (C38)	20.990	3618681	39.663 ug/ml
22) T	n-Tetracontane (C40)	21.964	3582628	40.603 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

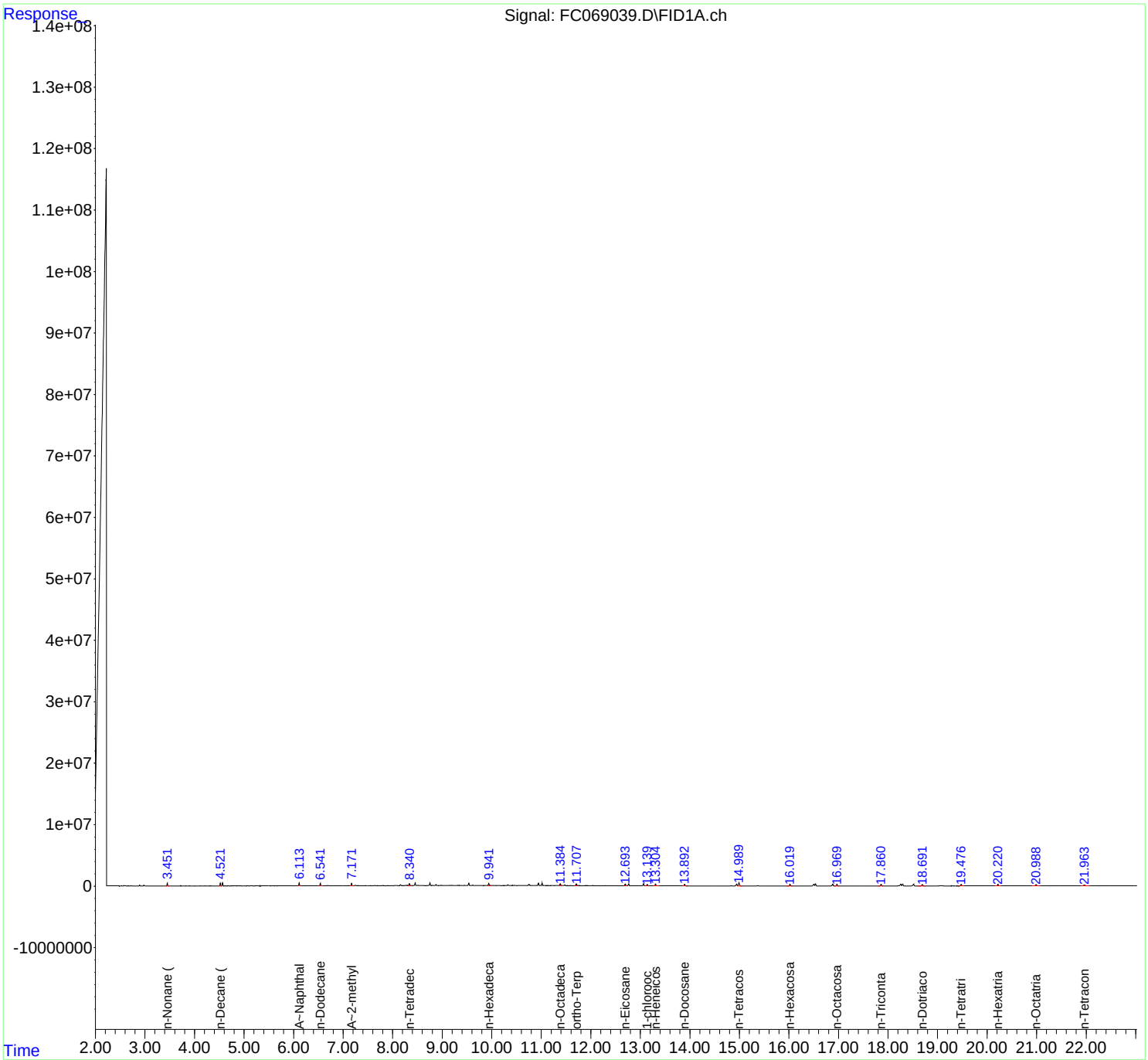
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
Data File : FC069039.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 19:46
Operator : YP/AJ
Sample : Q2125-05MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GSB5MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e
Quant Time: May 29 07:41:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Quant Title : GC Extractables
QLast Update : Tue May 27 01:48:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



Instrument :
FID_C
ClientSampleId :
GSB5MSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC05282
Data File : FC069039.D
Signal(s) : FID1A.ch
Acq On : 28 May 2025 19:46
Sample : Q2125-05MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.278	3.221	3.291	BV	2150	12186	0.17%	0.003%
2	3.302	3.291	3.334	PV	1343	8730	0.12%	0.002%
3	3.346	3.334	3.381	VV	410	3920	0.05%	0.001%
4	3.403	3.381	3.416	PV	558	4725	0.07%	0.001%
5	3.451	3.416	3.491	VV	467282	3835523	53.04%	1.073%
6	3.501	3.491	3.534	VV	886	9403	0.13%	0.003%
7	3.553	3.534	3.563	PV	253	2225	0.03%	0.001%
8	3.582	3.563	3.596	VV	1940	20703	0.29%	0.006%
9	3.605	3.596	3.619	VV	1458	13368	0.18%	0.004%
10	3.652	3.619	3.684	VV	2119	37383	0.52%	0.010%
11	3.725	3.684	3.758	VV	4581	92952	1.29%	0.026%
12	3.778	3.758	3.797	VV	1959	31039	0.43%	0.009%
13	3.825	3.797	3.871	VV	7821	114597	1.58%	0.032%
14	3.897	3.871	3.934	VV	4604	72226	1.00%	0.020%
15	3.950	3.934	3.980	VV	2315	30042	0.42%	0.008%
16	3.998	3.980	4.016	VV	4562	40006	0.55%	0.011%
17	4.041	4.016	4.084	VV	3838	84252	1.17%	0.024%
18	4.097	4.084	4.107	VV	3815	38197	0.53%	0.011%
19	4.120	4.107	4.137	VV	5794	66203	0.92%	0.019%
20	4.150	4.137	4.168	VV	3480	42444	0.59%	0.012%
21	4.186	4.168	4.199	VV	3407	45288	0.63%	0.013%
22	4.217	4.199	4.239	VV	6558	73925	1.02%	0.021%
23	4.300	4.239	4.315	VV	4795	100879	1.40%	0.028%
24	4.330	4.315	4.354	VV	5717	75029	1.04%	0.021%
25	4.367	4.354	4.405	VV	2951	43285	0.60%	0.012%
26	4.440	4.405	4.458	VV	3870	56946	0.79%	0.016%
27	4.480	4.458	4.493	VV	3348	48430	0.67%	0.014%
28	4.521	4.493	4.543	VV	450358	3951070	54.64%	1.105%
29	4.566	4.543	4.612	VV	493981	4413435	61.04%	1.234%
30	4.627	4.612	4.654	VV	5929	72380	1.00%	0.020%
31	4.675	4.654	4.708	VV	11152	163617	2.26%	0.046%
32	4.724	4.708	4.757	VV	7719	153959	2.13%	0.043%
33	4.774	4.757	4.792	VV	23644	239953	3.32%	0.067%
34	4.807	4.792	4.819	VV	9190	97440	1.35%	0.027%
35	4.828	4.819	4.842	VV	7159	82048	1.13%	0.023%
36	4.854	4.842	4.866	VV	6593	68849	0.95%	0.019%

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rteres

37	4.895	4.866	4.914	VV	8908	156827	2.17%	0.044%
38	4.935	4.914	4.958	VV	15007	195384	2	
39	4.972	4.958	4.981	VV	3922	47290	0	
40	5.001	4.981	5.022	VV	13606	166985	2	
41	5.046	5.022	5.059	VV	5200	89531	1	
42	5.072	5.059	5.105	VV	5659	109344	1	
43	5.129	5.105	5.142	VV	10315	121559	1.68%	0.034%
44	5.160	5.142	5.194	VV	12045	225762	3.12%	0.063%
45	5.218	5.194	5.230	VV	9037	117180	1.62%	0.033%
46	5.244	5.230	5.253	VV	10500	113012	1.56%	0.032%
47	5.263	5.253	5.307	VV	10653	214562	2.97%	0.060%
48	5.323	5.307	5.341	VV	4523	78936	1.09%	0.022%
49	5.362	5.341	5.391	VV	10930	209534	2.90%	0.059%
50	5.425	5.391	5.438	VV	10350	223448	3.09%	0.062%
51	5.453	5.438	5.470	VV	15380	203908	2.82%	0.057%
52	5.485	5.470	5.501	VV	10142	155339	2.15%	0.043%
53	5.511	5.501	5.537	VV	8283	130859	1.81%	0.037%
54	5.565	5.537	5.573	VV	11583	170209	2.35%	0.048%
55	5.590	5.573	5.613	VV	22143	318728	4.41%	0.089%
56	5.629	5.613	5.642	VV	10001	124018	1.72%	0.035%
57	5.651	5.642	5.667	VV	7909	96036	1.33%	0.027%
58	5.697	5.667	5.708	VV	8174	159441	2.21%	0.045%
59	5.715	5.708	5.724	VV	7550	72627	1.00%	0.020%
60	5.748	5.724	5.786	VV	38358	624824	8.64%	0.175%
61	5.805	5.786	5.821	VV	11710	199979	2.77%	0.056%
62	5.844	5.821	5.885	VV	27955	665691	9.21%	0.186%
63	5.906	5.885	5.919	VV	13203	201785	2.79%	0.056%
64	5.932	5.919	5.945	VV	12820	156874	2.17%	0.044%
65	5.970	5.945	5.996	VV	14134	306490	4.24%	0.086%
66	6.016	5.996	6.039	VV	14791	242321	3.35%	0.068%
67	6.061	6.039	6.085	VV	19435	378689	5.24%	0.106%
68	6.114	6.085	6.138	VV	499443	4873532	67.40%	1.363%
69	6.156	6.138	6.176	VV	17381	310734	4.30%	0.087%
70	6.216	6.176	6.227	VV	15983	371081	5.13%	0.104%
71	6.244	6.227	6.274	VV	24334	503518	6.96%	0.141%
72	6.298	6.274	6.314	VV	18083	361029	4.99%	0.101%
73	6.331	6.314	6.346	VV	23716	358805	4.96%	0.100%
74	6.380	6.346	6.401	VV	22974	612030	8.46%	0.171%
75	6.423	6.401	6.443	VV	22835	413071	5.71%	0.116%
76	6.478	6.443	6.513	VV	23292	765214	10.58%	0.214%
77	6.541	6.513	6.589	VV	405485	4520712	62.52%	1.264%
78	6.632	6.589	6.644	VV	19967	543219	7.51%	0.152%
79	6.658	6.644	6.669	VV	26865	341018	4.72%	0.095%
80	6.689	6.669	6.711	VV	82326	1101957	15.24%	0.308%
81	6.740	6.711	6.782	VV	42629	1095531	15.15%	0.306%
82	6.822	6.782	6.842	VV	43255	894533	12.37%	0.250%
83	6.867	6.842	6.910	VV	37622	1042921	14.42%	0.292%
84	6.946	6.910	6.969	VV	40960	945197	13.07%	0.264%
85	7.012	6.969	7.030	VV	30640	859513	11.89%	0.240%
86	7.071	7.030	7.087	VV	43157	1145880	15.85%	0.320%
87	7.105	7.087	7.137	VV	50828	986872	13.65%	0.276%
88	7.171	7.137	7.204	VV	440938	5210419	72.06%	1.457%
89	7.215	7.204	7.223	VV	26953	296069	4.09%	0.083%

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90	7.245	7.223	7.288	VV	112516	2125606	29.40%	0.594%
91	7.306	7.288	7.330	VV	47933	893924	12	
92	7.349	7.330	7.369	VV	40853	741575	10	
93	7.394	7.369	7.413	VV	30809	774781	10	
94	7.451	7.413	7.463	VV	46811	1119316	15	
95	7.468	7.463	7.497	VV	40949	723613	10	
96	7.518	7.497	7.530	VV	42638	737364	10.20%	0.206%
97	7.557	7.530	7.576	VV	46682	1139498	15.76%	0.319%
98	7.587	7.576	7.614	VV	36299	781608	10.81%	0.219%
99	7.641	7.614	7.679	VV	74584	1834341	25.37%	0.513%
100	7.696	7.679	7.714	VV	46369	801354	11.08%	0.224%
101	7.728	7.714	7.747	VV	30945	569302	7.87%	0.159%
102	7.805	7.747	7.847	VV	58443	2545386	35.20%	0.712%
103	7.860	7.847	7.871	VV	36487	488703	6.76%	0.137%
104	7.906	7.871	7.924	VV	48176	1318741	18.24%	0.369%
105	7.936	7.924	7.959	VV	42594	840921	11.63%	0.235%
106	7.988	7.959	8.007	VV	50237	1174588	16.24%	0.328%
107	8.051	8.007	8.066	VV	57418	1663468	23.01%	0.465%
108	8.080	8.066	8.091	VV	56956	828703	11.46%	0.232%
109	8.098	8.091	8.130	VV	54773	1055018	14.59%	0.295%
110	8.160	8.130	8.182	VV	185016	3037673	42.01%	0.849%
111	8.191	8.182	8.204	VV	48856	606599	8.39%	0.170%
112	8.220	8.204	8.236	VV	48120	846203	11.70%	0.237%
113	8.269	8.236	8.284	VV	113133	2131996	29.49%	0.596%
114	8.296	8.284	8.313	VV	91824	1260347	17.43%	0.352%
115	8.340	8.313	8.365	VV	401932	5253037	72.65%	1.469%
116	8.384	8.365	8.404	VV	78573	1391702	19.25%	0.389%
117	8.456	8.404	8.491	VV	497891	7230711	100.00%	2.022%
118	8.510	8.491	8.536	VV	125512	2167706	29.98%	0.606%
119	8.562	8.536	8.580	VV	60822	1485902	20.55%	0.416%
120	8.591	8.580	8.601	VV	52293	629442	8.71%	0.176%
121	8.628	8.601	8.652	VV	57699	1575488	21.79%	0.441%
122	8.667	8.652	8.680	VV	49717	758775	10.49%	0.212%
123	8.700	8.680	8.717	VV	69398	1233405	17.06%	0.345%
124	8.754	8.717	8.778	VV	495196	6247061	86.40%	1.747%
125	8.806	8.778	8.828	VV	103978	2035520	28.15%	0.569%
126	8.876	8.828	8.900	VV	208426	4211109	58.24%	1.178%
127	8.912	8.900	8.929	VV	62877	954859	13.21%	0.267%
128	8.988	8.929	9.008	VV	122503	3321264	45.93%	0.929%
129	9.023	9.008	9.043	VV	84793	1385460	19.16%	0.387%
130	9.059	9.043	9.076	VV	62900	1119464	15.48%	0.313%
131	9.110	9.076	9.127	VV	83676	2066597	28.58%	0.578%
132	9.158	9.127	9.176	VV	115520	2299004	31.79%	0.643%
133	9.199	9.176	9.228	VV	124323	2469474	34.15%	0.691%
134	9.246	9.228	9.276	VV	65646	1668298	23.07%	0.467%
135	9.316	9.276	9.332	VV	104867	2315018	32.02%	0.647%
136	9.346	9.332	9.378	VV	90441	1719376	23.78%	0.481%
137	9.396	9.378	9.412	VV	56473	1074371	14.86%	0.300%
138	9.453	9.412	9.477	VV	101171	2750306	38.04%	0.769%
139	9.491	9.477	9.509	VV	61747	1087161	15.04%	0.304%
140	9.539	9.509	9.585	VV	476973	7094494	98.12%	1.984%
141	9.616	9.585	9.668	VV	131617	3755389	51.94%	1.050%

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142	9.696	9.668	9.724	VV	79121	2313181	31.99%	0.647%
143	9.738	9.724	9.765	VV	84614	1729957	23	
144	9.777	9.765	9.794	VV	58720	952615	13	
145	9.811	9.794	9.834	VV	73100	1358908	18	
146	9.859	9.834	9.877	VV	74599	1664190	23	
147	9.898	9.877	9.917	VV	82870	1808518	25	
148	9.942	9.917	9.991	VV	407833	6614811	91.48%	1.850%
149	10.017	9.991	10.030	VV	62022	1426079	19.72%	0.399%
150	10.049	10.030	10.091	VV	68929	2123028	29.36%	0.594%
151	10.118	10.091	10.197	VV	79030	3476394	48.08%	0.972%
152	10.218	10.197	10.250	VV	56743	1546895	21.39%	0.433%
153	10.278	10.250	10.302	VV	74771	1770912	24.49%	0.495%
154	10.330	10.302	10.358	VV	180916	3361147	46.48%	0.940%
155	10.388	10.358	10.400	VV	82972	1665213	23.03%	0.466%
156	10.413	10.400	10.439	VV	86392	1591353	22.01%	0.445%
157	10.458	10.439	10.506	VV	108187	2700204	37.34%	0.755%
158	10.532	10.506	10.541	VV	71220	1254936	17.36%	0.351%
159	10.550	10.541	10.571	VV	70238	1145376	15.84%	0.320%
160	10.599	10.571	10.648	VV	76435	2900754	40.12%	0.811%
161	10.665	10.648	10.690	VV	70275	1652647	22.86%	0.462%
162	10.703	10.690	10.720	VV	67193	1087150	15.04%	0.304%
163	10.754	10.720	10.783	VV	274811	5140960	71.10%	1.438%
164	10.798	10.783	10.831	VV	62202	1666030	23.04%	0.466%
165	10.843	10.831	10.856	VV	51085	711349	9.84%	0.199%
166	10.897	10.856	10.910	VV	55035	1712482	23.68%	0.479%
167	10.944	10.910	10.987	VV	449143	6548532	90.57%	1.831%
168	11.019	10.987	11.048	VV	423123	5790434	80.08%	1.619%
169	11.074	11.048	11.102	VV	66920	1740224	24.07%	0.487%
170	11.117	11.102	11.134	VV	46196	871361	12.05%	0.244%
171	11.153	11.134	11.174	VV	53010	1171398	16.20%	0.328%
172	11.186	11.174	11.194	VV	45715	535736	7.41%	0.150%
173	11.246	11.194	11.268	VV	63283	2298224	31.78%	0.643%
174	11.292	11.268	11.315	VV	58735	1485557	20.55%	0.415%
175	11.332	11.315	11.348	VV	56906	1056560	14.61%	0.295%
176	11.385	11.348	11.443	VV	357969	6457805	89.31%	1.806%
177	11.474	11.443	11.514	VV	148919	3408657	47.14%	0.953%
178	11.534	11.514	11.559	VV	50636	1160159	16.04%	0.324%
179	11.590	11.559	11.613	VV	55406	1488967	20.59%	0.416%
180	11.629	11.613	11.640	VV	44602	700431	9.69%	0.196%
181	11.649	11.640	11.667	VV	44639	684999	9.47%	0.192%
182	11.708	11.667	11.730	VV	342750	4841426	66.96%	1.354%
183	11.742	11.730	11.757	VV	59693	856269	11.84%	0.239%
184	11.773	11.757	11.810	VV	65401	1463574	20.24%	0.409%
185	11.836	11.810	11.868	VV	38728	1268950	17.55%	0.355%
186	11.892	11.868	11.910	VV	51622	1074579	14.86%	0.300%
187	11.927	11.910	11.973	VV	46685	1485724	20.55%	0.415%
188	11.994	11.973	12.004	VV	34941	621990	8.60%	0.174%
189	12.033	12.004	12.058	VV	58573	1473332	20.38%	0.412%
190	12.077	12.058	12.105	VV	41000	993825	13.74%	0.278%
191	12.143	12.105	12.171	VV	36375	1326241	18.34%	0.371%
192	12.178	12.171	12.224	VV	33900	965102	13.35%	0.270%
193	12.244	12.224	12.257	VV	33861	606416	8.39%	0.170%
194	12.296	12.257	12.337	VV	48950	1667141	23.06%	0.466%

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195	12.356	12.337	12.377	VV	29932	675969	9.35%	0.189%
196	12.391	12.377	12.404	VV	27125	414805	5	
197	12.419	12.404	12.451	VV	28070	729056	10	
198	12.485	12.451	12.514	VV	28274	946146	13	
199	12.532	12.514	12.594	VV	31756	1211668	16	
200	12.614	12.594	12.628	VV	26198	486424	6	
201	12.643	12.628	12.663	VV	34392	608358	8.41%	0.170%
202	12.694	12.663	12.734	VV	318875	4588435	63.46%	1.283%
203	12.763	12.734	12.803	VV	363504	4644785	64.24%	1.299%
204	12.838	12.803	12.871	VV	17710	681526	9.43%	0.191%
205	12.886	12.871	12.927	VV	17813	523535	7.24%	0.146%
206	12.948	12.927	12.995	VV	17829	611554	8.46%	0.171%
207	13.012	12.995	13.030	VV	14428	282539	3.91%	0.079%
208	13.063	13.030	13.094	VV	354530	4296228	59.42%	1.201%
209	13.139	13.094	13.169	VV	237330	3173587	43.89%	0.887%
210	13.190	13.169	13.219	VV	15877	400528	5.54%	0.112%
211	13.233	13.219	13.274	VV	11156	351596	4.86%	0.098%
212	13.305	13.274	13.368	VV	288373	3967666	54.87%	1.110%
213	13.388	13.368	13.438	VV	12059	389847	5.39%	0.109%
214	13.451	13.438	13.466	VV	8787	139875	1.93%	0.039%
215	13.484	13.466	13.505	VV	8851	188506	2.61%	0.053%
216	13.536	13.505	13.624	VV	9498	546321	7.56%	0.153%
217	13.638	13.624	13.668	VV	6504	156842	2.17%	0.044%
218	13.681	13.668	13.699	VV	5720	102859	1.42%	0.029%
219	13.733	13.699	13.777	VV	5651	242899	3.36%	0.068%
220	13.798	13.777	13.824	VV	5513	144364	2.00%	0.040%
221	13.841	13.824	13.857	VV	5182	94018	1.30%	0.026%
222	13.892	13.857	13.934	VV	276271	3550354	49.10%	0.993%
223	13.949	13.934	14.058	VV	4016	251673	3.48%	0.070%
224	14.070	14.058	14.088	VV	3077	52163	0.72%	0.015%
225	14.120	14.088	14.174	VV	3179	142953	1.98%	0.040%
226	14.184	14.174	14.192	VV	2348	23646	0.33%	0.007%
227	14.208	14.192	14.228	VV	2362	48680	0.67%	0.014%
228	14.280	14.228	14.308	VV	2665	109824	1.52%	0.031%
229	14.326	14.308	14.348	VV	2399	51157	0.71%	0.014%
230	14.361	14.348	14.428	VV	1894	79410	1.10%	0.022%
231	14.456	14.428	14.496	VV	2747	76043	1.05%	0.021%
232	14.520	14.496	14.538	VV	1659	36914	0.51%	0.010%
233	14.555	14.538	14.564	VV	1378	21526	0.30%	0.006%
234	14.578	14.564	14.638	VV	1386	54103	0.75%	0.015%
235	14.673	14.638	14.728	VV	1226	52719	0.73%	0.015%
236	14.741	14.728	14.795	VV	920	32732	0.45%	0.009%
237	14.831	14.795	14.884	VV	22707	310849	4.30%	0.087%
238	14.942	14.884	14.962	VV	294922	3828717	52.95%	1.071%
239	14.989	14.962	15.125	VV	486205	7179276	99.29%	2.008%
240	15.133	15.125	15.154	VV	489	7432	0.10%	0.002%
241	15.173	15.154	15.228	VV	884	23193	0.32%	0.006%
242	15.243	15.228	15.268	VV	467	8475	0.12%	0.002%
243	15.278	15.268	15.288	VV	320	3298	0.05%	0.001%
244	15.297	15.288	15.327	VV	323	6256	0.09%	0.002%
245	15.373	15.327	15.486	VV	15116	239575	3.31%	0.067%
246	15.515	15.486	15.560	VV	2811	53087	0.73%	0.015%

Instrument :
FID_C
ClientSampleId :
GSB5MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

rteres

247	15.595	15.560	15.628	VV	1894	29248	0.40%	0.008%
248	15.650	15.628	15.690	VV	225	4302		
249	15.780	15.690	15.801	PV	202	5927		
250	15.851	15.801	15.873	VV	546	9426		
251	15.892	15.873	15.961	VV	518	11768		
252	16.020	15.961	16.124	VV	249910	3294509	45	
253	16.165	16.124	16.173	VV	91	1715	0.02%	0.000%
254	16.223	16.173	16.263	VV	695	13786	0.19%	0.004%
255	16.275	16.263	16.282	PV	123	990	0.01%	0.000%
256	16.319	16.282	16.344	VV	342	7324	0.10%	0.002%
257	16.388	16.344	16.428	VV	1454	29307	0.41%	0.008%
258	16.502	16.428	16.517	VV	280186	4002483	55.35%	1.119%
259	16.536	16.517	16.566	VV	330011	3942961	54.53%	1.103%
260	16.583	16.566	16.611	VV	1427	23665	0.33%	0.007%
261	16.631	16.611	16.721	VV	505	20047	0.28%	0.006%
262	16.747	16.721	16.789	VV	2222	35211	0.49%	0.010%
263	16.808	16.789	16.830	VV	294	5650	0.08%	0.002%
264	16.883	16.830	16.917	VV	309096	3897967	53.91%	1.090%
265	16.970	16.917	17.004	VV	239729	3285299	45.44%	0.919%
266	17.019	17.004	17.087	VV	1622	27293	0.38%	0.008%
267	17.116	17.087	17.150	VV	130	3079	0.04%	0.001%
268	17.185	17.150	17.203	PV	348	5872	0.08%	0.002%
269	17.210	17.203	17.241	VV	240	3156	0.04%	0.001%
270	17.255	17.241	17.294	VV	190	4124	0.06%	0.001%
271	17.332	17.294	17.374	VV	841	18640	0.26%	0.005%
272	17.418	17.374	17.457	VV	2493	39643	0.55%	0.011%
273	17.480	17.457	17.491	VV	206	3318	0.05%	0.001%
274	17.505	17.491	17.524	VV	292	4202	0.06%	0.001%
275	17.544	17.524	17.568	VV	138	2781	0.04%	0.001%
276	17.577	17.568	17.584	VV	132	886	0.01%	0.000%
277	17.592	17.584	17.622	VV	120	1745	0.02%	0.000%
278	17.648	17.622	17.674	VV	212	3806	0.05%	0.001%
279	17.750	17.674	17.774	PV	2925	46480	0.64%	0.013%
280	17.860	17.774	17.898	VV	242548	3293201	45.54%	0.921%
281	17.946	17.898	17.975	VV	792	14620	0.20%	0.004%
282	18.035	17.975	18.073	VV	312	8964	0.12%	0.003%
283	18.096	18.073	18.121	VV	531	8543	0.12%	0.002%
284	18.131	18.121	18.155	VV	209	2642	0.04%	0.001%
285	18.257	18.155	18.274	PV	291104	4344660	60.09%	1.215%
286	18.297	18.274	18.351	VV	307753	3927087	54.31%	1.098%
287	18.375	18.351	18.454	VV	1306	41170	0.57%	0.012%
288	18.516	18.454	18.605	VV	284152	3948609	54.61%	1.104%
289	18.633	18.605	18.648	VV	703	14496	0.20%	0.004%
290	18.692	18.648	18.758	VV	236041	3325723	45.99%	0.930%
291	18.810	18.758	18.831	VV	921	28085	0.39%	0.008%
292	18.853	18.831	18.877	VV	792	14758	0.20%	0.004%
293	18.969	18.877	18.997	VV	493	24018	0.33%	0.007%
294	19.046	18.997	19.078	VV	6760	142974	1.98%	0.040%
295	19.094	19.078	19.140	VV	2300	56007	0.77%	0.016%
296	19.180	19.140	19.218	VV	907	36375	0.50%	0.010%
297	19.236	19.218	19.244	VV	761	11396	0.16%	0.003%
298	19.290	19.244	19.314	VV	1682	42379	0.59%	0.012%
299	19.332	19.314	19.372	VV	947	27062	0.37%	0.008%

Instrument :
FID_C
ClientSampleId :
GSB5MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/29/2025
Supervised By :mohammad ahmed 05/30/2025

rteres

300	19.394	19.372	19.407	VV	851	16799	0.23%	0.005%
301	19.477	19.407	19.521	VV	241707	3554907	49	
302	19.548	19.521	19.556	VV	1502	26932	0	
303	19.580	19.556	19.611	VV	1889	49501	0	
304	19.655	19.611	19.693	VV	1601	66955	0	
305	19.766	19.693	19.794	VV	1674	88860	1	
306	19.821	19.794	19.834	VV	2475	49588	0.69%	0.014%
307	19.851	19.834	19.874	VV	2700	55134	0.76%	0.015%
308	19.885	19.874	19.928	VV	1860	56493	0.78%	0.016%
309	19.955	19.928	19.972	VV	1931	48049	0.66%	0.013%
310	20.017	19.972	20.043	VV	2824	95664	1.32%	0.027%
311	20.104	20.043	20.148	VV	3528	181260	2.51%	0.051%
312	20.219	20.148	20.258	VV	238234	3679493	50.89%	1.029%
313	20.266	20.258	20.291	VV	2897	56760	0.78%	0.016%
314	20.381	20.291	20.422	VV	7134	327745	4.53%	0.092%
315	20.553	20.422	20.670	VV	6483	637140	8.81%	0.178%
316	20.684	20.670	20.731	VV	3044	107521	1.49%	0.030%
317	20.771	20.731	20.814	VV	2923	141710	1.96%	0.040%
318	20.870	20.814	20.891	VV	2842	126041	1.74%	0.035%
319	20.899	20.891	20.931	VV	2784	65007	0.90%	0.018%
320	20.990	20.931	21.088	VV	193305	3848911	53.23%	1.076%
321	21.107	21.088	21.180	VV	2403	122916	1.70%	0.034%
322	21.193	21.180	21.214	VV	2093	41026	0.57%	0.011%
323	21.235	21.214	21.268	VV	1955	61189	0.85%	0.017%
324	21.309	21.268	21.344	VV	1977	86942	1.20%	0.024%
325	21.442	21.344	21.558	VV	2255	226282	3.13%	0.063%
326	21.563	21.558	21.638	VV	1537	67720	0.94%	0.019%
327	21.694	21.638	21.778	VV	1290	103066	1.43%	0.029%
328	21.781	21.778	21.812	VV	1214	23053	0.32%	0.006%
329	21.825	21.812	21.891	VV	1138	47911	0.66%	0.013%
330	21.964	21.891	22.081	VV	152031	3663151	50.66%	1.024%
331	22.183	22.081	22.236	VV	1059	64073	0.89%	0.018%
332	22.315	22.236	22.390	VV	438	32084	0.44%	0.009%
333	22.401	22.390	22.414	VV	183	1884	0.03%	0.001%
334	22.420	22.414	22.469	VV	121	2732	0.04%	0.001%

Sum of corrected areas: 357604270

Aliphatic EPH 052425.M Thu May 29 07:56:50 2025

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

Manual Integration Report

Sequence:	FC052425AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FC069003.D	n-Octacosane (C28)	yogesh	5/27/2025 7:30:02 AM	mohammad	5/28/2025 1:48:12	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC069003.D	n-Tetracosane (C24)	yogesh	5/27/2025 7:30:02 AM	mohammad	5/28/2025 1:48:12	Peak Integrated by Software

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Manual Integration Report

Sequence:	FC052825AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2127-11DL	FC069027.D	ortho-Terphenyl (SURR)	yogesh	5/29/2025 7:42:42 AM	mohammad	5/30/2025 1:44:30	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC069029.D	n-Tetracosane (C24)	yogesh	5/29/2025 7:42:43 AM	mohammad	5/30/2025 1:44:30	Peak Integrated by Software
Q2125-01	FC069033.D	ortho-Terphenyl (SURR)	yogesh	5/29/2025 8:34:39 AM	mohammad	5/30/2025 1:44:30	Peak Integrated by Software
Q2125-03	FC069035.D	ortho-Terphenyl (SURR)	yogesh	5/29/2025 8:34:40 AM	mohammad	5/30/2025 1:44:30	Peak Integrated by Software
Q2125-05MS	FC069038.D	n-Hexadecane (C16)	yogesh	5/29/2025 8:34:44 AM	mohammad	5/30/2025 1:44:30	Peak Integrated by Software
Q2125-05MS	FC069038.D	n-Octadecane (C18)	yogesh	5/29/2025 8:34:44 AM	mohammad	5/30/2025 1:44:30	Peak Integrated by Software
Q2125-05MSD	FC069039.D	n-Hexadecane (C16)	yogesh	5/29/2025 8:34:46 AM	mohammad	5/30/2025 1:44:30	Peak Integrated by Software
Q2125-05MSD	FC069039.D	n-Octadecane (C18)	yogesh	5/29/2025 8:34:46 AM	mohammad	5/30/2025 1:44:30	Peak Integrated by Software

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Manual Integration Report

Sequence:	FC052925AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FC069044.D	n-Tetracosane (C24)	yogesh	5/30/2025 7:27:04 AM	mohammad	5/30/2025 8:30:59	Peak Integrated by Software
Q2125-05DL	FC069047.D	ortho-Terphenyl (SURR)	yogesh	5/30/2025 7:27:05 AM	mohammad	5/30/2025 8:30:59	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC069049.D	n-Octacosane (C28)	yogesh	5/30/2025 7:27:06 AM	mohammad	5/30/2025 8:30:59	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC069049.D	n-Tetracosane (C24)	yogesh	5/30/2025 7:27:06 AM	mohammad	5/30/2025 8:30:59	Peak Integrated by Software

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

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC052425AL

Review By	yogesh	Review On	5/23/2025 12:24:51 PM		
Supervise By	mohammad	Supervise On	5/28/2025 1:48:12 AM		
SubDirectory	FC052425AL	HP Acquire Method		HP Processing Method	FC052425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC068996.D	23 May 2025 12:58	YP/AJ	Ok
2	I.BLK	FC068997.D	23 May 2025 13:35	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC068998.D	23 May 2025 14:12	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC068999.D	23 May 2025 14:50	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC069000.D	23 May 2025 15:28	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC069001.D	23 May 2025 16:05	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC069002.D	23 May 2025 16:43	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC069003.D	23 May 2025 17:20	YP/AJ	Ok,M
9	I.BLK	FC069004.D	23 May 2025 18:36	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC069005.D	23 May 2025 19:13	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC052825AL

Review By	yogesh	Review On	5/28/2025 11:05:20 AM		
Supervise By	mohammad	Supervise On	5/30/2025 1:44:30 AM		
SubDirectory	FC052825AL	HP Acquire Method		HP Processing Method	FC052425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069021.D	28 May 2025 07:55	YP/AJ	Ok
2	I.BLK	FC069022.D	28 May 2025 08:31	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC069023.D	28 May 2025 09:08	YP/AJ	Ok
4	Q2127-07DL	FC069024.D	28 May 2025 10:26	YP/AJ	Not Ok
5	Q2127-08DL	FC069025.D	28 May 2025 11:03	YP/AJ	Ok
6	Q2127-09DL	FC069026.D	28 May 2025 11:40	YP/AJ	Ok
7	Q2127-11DL	FC069027.D	28 May 2025 12:17	YP/AJ	Not Ok
8	I.BLK	FC069028.D	28 May 2025 12:54	YP/AJ	Ok
9	20 PPM ALIPHATIC HC STD	FC069029.D	28 May 2025 13:31	YP/AJ	Ok,M
10	PB168182BL	FC069030.D	28 May 2025 14:08	YP/AJ	Ok
11	PB168182BS	FC069031.D	28 May 2025 14:46	YP/AJ	Ok
12	PB168182BSD	FC069032.D	28 May 2025 15:24	YP/AJ	Ok
13	Q2125-01	FC069033.D	28 May 2025 16:01	YP/AJ	Dilution
14	Q2125-02	FC069034.D	28 May 2025 16:39	YP/AJ	Ok
15	Q2125-03	FC069035.D	28 May 2025 17:17	YP/AJ	Dilution
16	Q2125-04	FC069036.D	28 May 2025 17:54	YP/AJ	Ok
17	Q2125-05	FC069037.D	28 May 2025 18:31	YP/AJ	Dilution
18	Q2125-05MS	FC069038.D	28 May 2025 19:09	YP/AJ	Ok,M
19	Q2125-05MSD	FC069039.D	28 May 2025 19:46	YP/AJ	Ok,M
20	I.BLK	FC069040.D	28 May 2025 21:00	YP/AJ	Ok
21	20 PPM ALIPHATIC HC STD	FC069041.D	28 May 2025 21:37	YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC052925AL

Review By	yogesh	Review On	5/29/2025 10:10:54 AM		
Supervise By	mohammad	Supervise On	5/30/2025 8:30:59 AM		
SubDirectory	FC052925AL	HP Acquire Method		HP Processing Method	FC052425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069042.D	29 May 2025 08:26	YP/AJ	Ok
2	I.BLK	FC069043.D	29 May 2025 09:03	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC069044.D	29 May 2025 09:40	YP/AJ	Ok,M
4	Q2125-01DL	FC069045.D	29 May 2025 10:18	YP/AJ	Ok
5	Q2125-03DL	FC069046.D	29 May 2025 10:55	YP/AJ	Ok
6	Q2125-05DL	FC069047.D	29 May 2025 11:33	YP/AJ	Ok,M
7	I.BLK	FC069048.D	29 May 2025 12:10	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD	FC069049.D	29 May 2025 12:48	YP/AJ	Ok,M

M : Manual Integration

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

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC052425AL

Review By	yogesh	Review On	5/23/2025 12:24:51 PM		
Supervise By	mohammad	Supervise On	5/28/2025 1:48:12 AM		
SubDirectory	FC052425AL	HP Acquire Method		HP Processing Method	FC052425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC068996.D	23 May 2025 12:58		YP/AJ	Ok
2	I.BLK	I.BLK	FC068997.D	23 May 2025 13:35		YP/AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FC068998.D	23 May 2025 14:12		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC068999.D	23 May 2025 14:50		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069000.D	23 May 2025 15:28		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC069001.D	23 May 2025 16:05		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC069002.D	23 May 2025 16:43		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069003.D	23 May 2025 17:20		YP/AJ	Ok,M
9	I.BLK	I.BLK	FC069004.D	23 May 2025 18:36		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069005.D	23 May 2025 19:13		YP/AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC052825AL

Review By	yogesh	Review On	5/28/2025 11:05:20 AM		
Supervise By	mohammad	Supervise On	5/30/2025 1:44:30 AM		
SubDirectory	FC052825AL	HP Acquire Method		HP Processing Method	FC052425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069021.D	28 May 2025 07:55		YP/AJ	Ok
2	I.BLK	I.BLK	FC069022.D	28 May 2025 08:31		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069023.D	28 May 2025 09:08		YP/AJ	Ok
4	Q2127-07DL	EPH-1-FDL	FC069024.D	28 May 2025 10:26	not required	YP/AJ	Not Ok
5	Q2127-08DL	EPH-1-GDL	FC069025.D	28 May 2025 11:03		YP/AJ	Ok
6	Q2127-09DL	EPH-1-HDL	FC069026.D	28 May 2025 11:40		YP/AJ	Ok
7	Q2127-11DL	COMP-2DL	FC069027.D	28 May 2025 12:17	not required	YP/AJ	Not Ok
8	I.BLK	I.BLK	FC069028.D	28 May 2025 12:54		YP/AJ	Ok
9	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069029.D	28 May 2025 13:31		YP/AJ	Ok,M
10	PB168182BL	PB168182BL	FC069030.D	28 May 2025 14:08		YP/AJ	Ok
11	PB168182BS	PB168182BS	FC069031.D	28 May 2025 14:46		YP/AJ	Ok
12	PB168182BSD	PB168182BSD	FC069032.D	28 May 2025 15:24		YP/AJ	Ok
13	Q2125-01	GSB1	FC069033.D	28 May 2025 16:01	need 50x dilution	YP/AJ	Dilution
14	Q2125-02	GSB2	FC069034.D	28 May 2025 16:39		YP/AJ	Ok
15	Q2125-03	GSB3	FC069035.D	28 May 2025 17:17	need 50x dilution	YP/AJ	Dilution
16	Q2125-04	GSB4	FC069036.D	28 May 2025 17:54		YP/AJ	Ok
17	Q2125-05	GSB5	FC069037.D	28 May 2025 18:31	need 5x dilution	YP/AJ	Dilution
18	Q2125-05MS	GSB5MS	FC069038.D	28 May 2025 19:09	FC069037.D	YP/AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC052825AL

Review By	yogesh	Review On	5/28/2025 11:05:20 AM		
Supervise By	mohammad	Supervise On	5/30/2025 1:44:30 AM		
SubDirectory	FC052825AL	HP Acquire Method		HP Processing Method	FC052425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2125-05MSD	GSB5MSD	FC069039.D	28 May 2025 19:46	FC069037.D!FC069038.D	YP/AJ	Ok,M
20	I.BLK	I.BLK	FC069040.D	28 May 2025 21:00		YP/AJ	Ok
21	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069041.D	28 May 2025 21:37		YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC052925AL

Review By	yogesh	Review On	5/29/2025 10:10:54 AM		
Supervise By	mohammad	Supervise On	5/30/2025 8:30:59 AM		
SubDirectory	FC052925AL	HP Acquire Method		HP Processing Method	FC052425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069042.D	29 May 2025 08:26		YP/AJ	Ok
2	I.BLK	I.BLK	FC069043.D	29 May 2025 09:03		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069044.D	29 May 2025 09:40		YP/AJ	Ok,M
4	Q2125-01DL	GSB1DL	FC069045.D	29 May 2025 10:18		YP/AJ	Ok
5	Q2125-03DL	GSB3DL	FC069046.D	29 May 2025 10:55		YP/AJ	Ok
6	Q2125-05DL	GSB5DL	FC069047.D	29 May 2025 11:33		YP/AJ	Ok,M
7	I.BLK	I.BLK	FC069048.D	29 May 2025 12:10		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069049.D	29 May 2025 12:48		YP/AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168182

SOP ID:	MNJDEP-EPH-7				
Clean Up SOP #:	N/A			**Extraction Start Date :**	05/28/2025
Matrix :	Solid			**Extraction Start Time :**	09:35
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	05/28/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:40
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24573
Surrogate	1.0ML	100 PPM	PP24591
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
MeCl2/Acetone/1:1	N/A	EP2612
Baked Na2SO4	N/A	EP2614
Sand	N/A	E2865
Methylene Chloride	N/A	E3939
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:

N/A

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/28/25	RS (EXT-lab)	YP PREP/FOR.
12:45	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168182

Analytical Method: MNJDEP-EPH-7 **Concentration Date:** 05/28/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168182BL	PB168182BL	EPH_F2	30.01	N/A	ritesh	Evelyn	2			U2-1
PB168182BS	PB168182BS	EPH_F2	30.02	N/A	ritesh	Evelyn	2			2
PB168182BSD	PB168182BSD	EPH_F2	30.01	N/A	ritesh	Evelyn	2			3
Q2125-01	GSB1	EPH_F2	30.06	N/A	ritesh	Evelyn	2			4
Q2125-02	GSB2	EPH_F2	30.04	N/A	ritesh	Evelyn	2			5
Q2125-03	GSB3	EPH_F2	30.10	N/A	ritesh	Evelyn	2			6
Q2125-04	GSB4	EPH_F2	30.08	N/A	ritesh	Evelyn	2			U3-1
Q2125-05	GSB5	EPH_F2	30.02	N/A	ritesh	Evelyn	2			2
Q2125-05MS	GSB5MS	EPH_F2	30.06	N/A	ritesh	Evelyn	2			3
Q2125-05MSD	GSB5MSD	EPH_F2	30.07	N/A	ritesh	Evelyn	2			4

RS 5/28

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

168182
9:35

7

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2125 **WorkList ID :** 189794 **Department :** Extraction **Date :** 05-28-2025 09:31:40

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2125-01	GSB1	Solid	EPH_F2	Cool 4 deg C	GENV01	L31	05/23/2025	NJEPH
Q2125-02	GSB2	Solid	EPH_F2	Cool 4 deg C	GENV01	L31	05/23/2025	NJEPH
Q2125-03	GSB3	Solid	EPH_F2	Cool 4 deg C	GENV01	L31	05/23/2025	NJEPH
Q2125-04	GSB4	Solid	EPH_F2	Cool 4 deg C	GENV01	L31	05/23/2025	NJEPH
Q2125-05	GSB5	Solid	EPH_F2	Cool 4 deg C	GENV01	L31	05/23/2025	NJEPH

Date/Time 5/28/25 9:31
Raw Sample Received by: RJ (Ext-Lab)
Raw Sample Relinquished by: CP SM

Date/Time 5/28/25 9:50
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (Ext-Lab)

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LAB CHRONICLE

OrderID:	Q2125	**OrderDate:**	5/23/2025 11:50:35 AM
Client:	G Environmental	**Project:**	Seely
Contact:	Gary Landis	**Location:**	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2125-01	**GSB1**	**Solid**			**05/23/25**			**05/23/25**
			EPH_F2	NJEPH		05/28/25	05/28/25	
Q2125-01DL	**GSB1DL**	**Solid**			**05/23/25**			**05/23/25**
			EPH_F2	NJEPH		05/28/25	05/29/25	
Q2125-02	**GSB2**	**Solid**			**05/23/25**			**05/23/25**
			EPH_F2	NJEPH		05/28/25	05/28/25	
Q2125-03	**GSB3**	**Solid**			**05/23/25**			**05/23/25**
			EPH_F2	NJEPH		05/28/25	05/28/25	
Q2125-03DL	**GSB3DL**	**Solid**			**05/23/25**			**05/23/25**
			EPH_F2	NJEPH		05/28/25	05/29/25	
Q2125-04	**GSB4**	**Solid**			**05/23/25**			**05/23/25**
			EPH_F2	NJEPH		05/28/25	05/28/25	
Q2125-05	**GSB5**	**Solid**			**05/23/25**			**05/23/25**
			EPH_F2	NJEPH		05/28/25	05/28/25	
Q2125-05DL	**GSB5DL**	**Solid**			**05/23/25**			**05/23/25**
			EPH_F2	NJEPH		05/28/25	05/29/25	

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. Q2125
COC Number 2047144

8
8.1

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: G Environmental
ADDRESS: 8 Carriage
CITY Succasunna STATE NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Seely
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G Environmental PO#:
ADDRESS:
CITY Succasunna STATE: NJ ZIP: 07876
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 5 day TAT DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS
contingency

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) X NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
X EDD FORMAT excel pdf SRD Matrix NJDEP

ANALYSIS

EPH Cat 1 (contingency) 2 days turnaround Naphthalene

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	GSB1	Soil		X	5/23/25	0900	1	X									
2.	GSB2					0915	1	X									
3.	GSB3					0920	1	X									
4.	GSB4				5/23/25	0930	1	X									
5.	GSB5	Soil		X	5/23/25	0945	1	X									
6.																	
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES: 3 = contingency

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. MEI	5/23/25 1045	1. CR
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.3 °C
Comments: EPH Cat 1 - 1st 5 day TAT JR Gm

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

From: Gary Landis <gary@g-environmental.com>
Sent: Friday, May 30, 2025 10:43 PM
To: Yazmeen Gomez
Subject: sample activation SPLP and standard 2-methylnaph and naphthalene

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

GSB3DL

Q2125-03DL

Please activate sample GSB3 for standard 2-methylnaphthalene and naphthalene and the SPLP for both of those.

Standard TAT

Gary

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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488