

Hit Summary Sheet SW-846

SDG No.: Q3716

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW5									
Q3716-01	MW5	WATER	Naphthalene		63.000		0.5	5	ug/L
			Total Svoc :				63.00		
Q3716-01	MW5	WATER	Benzene, 1,2,4,5-tetramethyl-	*	30.600	J	0	0	ug/L
Q3716-01	MW5	WATER	Benzene, 1,4-diethyl-	*	30.300	J	0	0	ug/L
Q3716-01	MW5	WATER	Benzene, 1-ethyl-2-methyl-	*	320.000	J	0	0	ug/L
Q3716-01	MW5	WATER	Benzene, 1-ethyl-3,5-dimethyl-	*	110.000	J	0	0	ug/L
Q3716-01	MW5	WATER	Benzene, 1-ethyl-4-methyl-	*	170.000	J	0	0	ug/L
Q3716-01	MW5	WATER	Benzene, 1-methyl-4-propyl-	*	55.800	J	0	0	ug/L
Q3716-01	MW5	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	41.300	J	0	0	ug/L
Q3716-01	MW5	WATER	Benzene, 2-ethyl-1,4-dimethyl-	*	60.900	J	0	0	ug/L
Q3716-01	MW5	WATER	n-Hexadecanoic acid	*	21.600	J	0	0	ug/L
Q3716-01	MW5	WATER	o-Cymene	*	48.400	J	0	0	ug/L
Q3716-01	MW5	WATER	Indane	*	140.000	J	0	0	ug/L
Q3716-01	MW5	WATER	Phenol	*	4.100	J	0.91	5	ug/L
Q3716-01	MW5	WATER	2-Methylphenol	*	2.600	J	1.1	5	ug/L
Q3716-01	MW5	WATER	3+4-Methylphenols	*	53.000	J	1.1	10	ug/L
Q3716-01	MW5	WATER	2,4-Dimethylphenol	*	6.200	J	1.9	5	ug/L
Q3716-01	MW5	WATER	Caprolactam	*	20.300	J	1.1	10	ug/L
Q3716-01	MW5	WATER	2-Methylnaphthalene	*	56.100	J	0.56	5	ug/L
Q3716-01	MW5	WATER	1-Methylnaphthalene	*	43.400	J	0.66	5	ug/L
			Total Tics :				1,214.60		
			Total Concentration:				1,277.60		
Client ID : MW3									
Q3716-02	MW3	WATER	Benzophenone	*	4.700	J	0	0	ug/L
			Total Tics :				4.70		
			Total Concentration:				4.70		



SAMPLE DATA



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

Report of Analysis

Client:	G Environmental	Date Collected:	11/24/25
Project:	Adoni	Date Received:	11/24/25
Client Sample ID:	MW3	SDG No.:	Q3716
Lab Sample ID:	Q3716-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 mL	Test:	SVOCMS Group1
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
191-24-2	Benzo(g,h,i)perylene	0.70	U	1	0.70	5.10	ug/L	12/01/25 20:43	PB170743
SURROGATES									
4165-60-0	Nitrobenzene-d5	102			30 (39) - 130 (138)	102%	SPK: 100		
321-60-8	2-Fluorobiphenyl	106			30 (52) - 130 (132)	106%	SPK: 100		
1718-51-0	Terphenyl-d14	100.0			30 (42) - 130 (152)	100%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	216000							
1146-65-2	Naphthalene-d8	816000							
15067-26-2	Acenaphthene-d10	503000							
1517-22-2	Phenanthrene-d10	1020000							
1719-03-5	Chrysene-d12	1200000							
1520-96-3	Perylene-d12	1380000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	4.70	J			15.7	ug/L		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3716

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170743BL	PB170743BL	Nitrobenzene-d5	100	85.9	86		30 (39)	130 (138)
		2-Fluorobiphenyl	100	88.8	89		30 (52)	130 (132)
		Terphenyl-d14	100	89.3	89		30 (42)	130 (152)
PB170743BS	PB170743BS	Nitrobenzene-d5	100	79.4	79		30 (39)	130 (138)
		2-Fluorobiphenyl	100	82.0	82		30 (52)	130 (132)
		Terphenyl-d14	100	89.6	90		30 (42)	130 (152)
PB170743BSD	PB170743BSD	Nitrobenzene-d5	100	80.7	81		30 (39)	130 (138)
		2-Fluorobiphenyl	100	82.4	82		30 (52)	130 (132)
		Terphenyl-d14	100	82.0	82		30 (42)	130 (152)
Q3716-01	MW5	Nitrobenzene-d5	100	90.5	90		30 (39)	130 (138)
		2-Fluorobiphenyl	100	91.4	91		30 (52)	130 (132)
		Terphenyl-d14	100	90.1	90		30 (42)	130 (152)
Q3716-02	MW3	Nitrobenzene-d5	100	102	102		30 (39)	130 (138)
		2-Fluorobiphenyl	100	106	106		30 (52)	130 (132)
		Terphenyl-d14	100	100.0	100		30 (42)	130 (152)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170743BL

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3716

Lab File ID: BP026198.D

Lab Sample ID: PB170743BL

Instrument ID: BNA_P

Date Extracted: 11/26/2025

Matrix: (soil/water) Water

Date Analyzed: 12/01/2025

Level: (low/med) LOW

Time Analyzed: 14:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170743BS	PB170743BS	BP026199.D	12/01/2025
PB170743BSD	PB170743BSD	BP026200.D	12/01/2025
MW5	Q3716-01	BP026204.D	12/01/2025
MW3	Q3716-02	BP026205.D	12/01/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026142.D
Instrument ID: BNA_P

Contract: GENV01
SDG NO.: Q3716
DFTPP Injection Date: 11/18/2025
DFTPP Injection Time: 13:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	30.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	88.7
443	15.0 - 24.0% of mass 442	17.3 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP026143.D	11/18/2025	14:31
SSTDICC005	SSTDICC005	BP026144.D	11/18/2025	15:12
SSTDICC010	SSTDICC010	BP026145.D	11/18/2025	15:54
SSTDICC020	SSTDICC020	BP026146.D	11/18/2025	16:35
SSTDICCC040	SSTDICCC040	BP026147.D	11/18/2025	17:57
SSTDICC050	SSTDICC050	BP026148.D	11/18/2025	18:38
SSTDICC060	SSTDICC060	BP026149.D	11/18/2025	20:00
SSTDICC080	SSTDICC080	BP026150.D	11/18/2025	21:22

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026196.D
Instrument ID: BNA_P

Contract: GENV01
SDG NO.: Q3716
DFTPP Injection Date: 12/01/2025
DFTPP Injection Time: 12:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31
70	Less than 2.0% of mass 69	0.1 (0.4) 1
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	6.9
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	85.8
443	15.0 - 24.0% of mass 442	17 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP026197.D	12/01/2025	14:09
PB170743BL	PB170743BL	BP026198.D	12/01/2025	14:50
PB170743BS	PB170743BS	BP026199.D	12/01/2025	15:31
PB170743BSD	PB170743BSD	BP026200.D	12/01/2025	16:12
MW5	Q3716-01	BP026204.D	12/01/2025	20:02
MW3	Q3716-02	BP026205.D	12/01/2025	20:43

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3716

Client ID : SSTDCCC040

Date Analyzed: 12/01/2025

Lab File ID: BP026197.D

Time Analyzed: 14:09

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	271172	7.66	1093510	10.43	683760	14.29
UPPER LIMIT	542344	8.16	2187020	10.925	1367520	14.789
LOWER LIMIT	135586	7.16	546755	9.925	341880	13.789
EPA SAMPLE NO.						
01 PB170743BL	220500	7.66	824685	10.43	520010	14.29
02 PB170743BS	273271	7.66	1112140	10.42	734282	14.30
03 PB170743BSD	243412	7.66	964799	10.43	610781	14.29
04 MW5	246581	7.66	985477	10.43	647616	14.28
05 MW3	216317	7.66	815646	10.42	502807	14.29

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3716

Client ID: SSTDCCC040

Date Analyzed: 12/01/2025

Lab File ID: BP026197.D

Time Analyzed: 14:09

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	1350550	17.101	1519760	21.542	1717380	24.83
UPPER LIMIT	2701100	17.601	3039520	22.042	3434760	25.33
LOWER LIMIT	675275	16.601	759880	21.042	858690	24.33
EPA SAMPLE NO.						
01 PB170743BL	1035750	17.10	1225720	21.54	1381850	24.85
02 PB170743BS	1505620	17.10	1495580	21.54	1568500	24.83
03 PB170743BSD	1231500	17.10	1436790	21.54	1553840	24.82
04 MW5	1258600	17.10	1291490	21.54	1438480	24.82
05 MW3	1020120	17.09	1197540	21.53	1381790	24.81

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



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

Client:	G Environmental	Date Collected:	
Project:	Adoni	Date Received:	
Client Sample ID:	PB170743BL	SDG No.:	Q3716
Lab Sample ID:	PB170743BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	SVOCMS Group1
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	12/01/25 14:50	PB170743
SURROGATES									
4165-60-0	Nitrobenzene-d5	85.9			30 (39) - 130 (138)	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	88.8			30 (52) - 130 (132)	89%	SPK: 100		
1718-51-0	Terphenyl-d14	89.3			30 (42) - 130 (152)	89%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	221000							
1146-65-2	Naphthalene-d8	825000							
15067-26-2	Acenaphthene-d10	520000							
1517-22-2	Phenanthrene-d10	1040000							
1719-03-5	Chrysene-d12	1230000							
1520-96-3	Perylene-d12	1380000							

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



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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Adoni	Date Received:	
Client Sample ID:	PB170743BS	SDG No.:	Q3716
Lab Sample ID:	PB170743BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	SVOCMS Group1
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
191-24-2	Benzo(g,h,i)perylene	46.1		1	0.69	5.00	ug/L	12/01/25 15:31	PB170743

SURROGATES

4165-60-0	Nitrobenzene-d5	79.4			30 (39) - 130 (138)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.0			30 (52) - 130 (132)	82%	SPK: 100
1718-51-0	Terphenyl-d14	89.6			30 (42) - 130 (152)	90%	SPK: 100

INTERNAL STANDARDS

	Area Count	
3855-82-1	1,4-Dichlorobenzene-d4	273000
1146-65-2	Naphthalene-d8	1110000
15067-26-2	Acenaphthene-d10	734000
1517-22-2	Phenanthrene-d10	1510000
1719-03-5	Chrysene-d12	1500000
1520-96-3	Perylene-d12	1570000

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N = Presumptive Evidence of a Compound

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D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Adoni	Date Received:	
Client Sample ID:	PB170743BSD	SDG No.:	Q3716
Lab Sample ID:	PB170743BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	SVOCMS Group1
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
191-24-2	Benzo(g,h,i)perylene	45.4		1	0.69	5.00	ug/L	12/01/25 16:12	PB170743
SURROGATES									
4165-60-0	Nitrobenzene-d5	80.7			30 (39) - 130 (138)	81%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.4			30 (52) - 130 (132)	82%	SPK: 100		
1718-51-0	Terphenyl-d14	82.0			30 (42) - 130 (152)	82%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	243000							
1146-65-2	Naphthalene-d8	965000							
15067-26-2	Acenaphthene-d10	611000							
1517-22-2	Phenanthrene-d10	1230000							
1719-03-5	Chrysene-d12	1440000							
1520-96-3	Perylene-d12	1550000							

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

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D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.442	1.484	1.538	1.511	1.483	1.531	1.511	1.500	2.21
88)	Benzo(b)fluora...	1.190	1.226	1.271	1.237	1.222	1.200	1.180	1.218	2.57
89)	Benzo(k)fluora...	1.206	1.228	1.275	1.213	1.213	1.192	1.189	1.217	2.38
90) C	Benzo(a)pyrene	1.121	1.153	1.198	1.168	1.147	1.146	1.142	1.154	2.10
91)	Dibenzo(a,h)an...	1.177	1.220	1.274	1.237	1.209	1.245	1.232	1.228	2.48
92)	Benzo(g,h,i)pe...	1.175	1.230	1.253	1.223	1.185	1.244	1.234	1.220	2.41

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3716</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>12/01/2025 14:09</u>
Lab File ID:	<u>BP026197.D</u>	Init. Calib. Date(s):	<u>11/18/2025 11/18/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>14:31 21:22</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.546	0.531		-2.7	
2-Fluorophenol	1.246	1.183		-5.1	
Phenol-d6	1.586	1.496		-5.7	
bis(2-Chloroethyl)ether	1.338	1.312		-1.9	
2,2-oxybis(1-Chloropropane)	1.879	1.879		0.0	
n-Nitroso-di-n-propylamine	0.985	0.953	0.050	-3.2	
Nitrobenzene-d5	0.352	0.352		0.0	
Hexachloroethane	0.560	0.573		2.3	
Nitrobenzene	0.356	0.356		0.0	
Isophorone	0.698	0.683		-2.1	
bis(2-Chloroethoxy)methane	0.437	0.426		-2.5	
1,2,4-Trichlorobenzene	0.331	0.337		1.8	
Naphthalene	1.081	1.080		-0.1	
Hexachlorobutadiene	0.215	0.227		5.6	20.0
Hexachlorocyclopentadiene	0.396	0.358	0.050	-9.6	
2-Fluorobiphenyl	1.365	1.415		3.7	
2-Chloronaphthalene	1.184	1.183		-0.1	
Dimethylphthalate	1.494	1.496		0.1	
Acenaphthylene	1.953	1.984		1.6	
2,6-Dinitrotoluene	0.296	0.297		0.3	
Acenaphthene	1.145	1.146		0.1	20.0
2,4-Dinitrotoluene	0.442	0.444		0.5	
Diethylphthalate	1.505	1.488		-1.1	
4-Chlorophenyl-phenylether	0.697	0.715		2.6	
Fluorene	1.401	1.429		2.0	
n-Nitrosodiphenylamine	0.619	0.618		-0.2	20.0
Azobenzene	1.269	1.269		0.0	
2,4,6-Tribromophenol	0.259	0.261		0.8	
4-Bromophenyl-phenylether	0.221	0.229		3.6	
Hexachlorobenzene	0.257	0.266		3.5	
Phenanthrene	1.127	1.149		2.0	
Anthracene	1.149	1.145		-0.3	
Di-n-butylphthalate	1.294	1.325		2.4	
Fluoranthene	1.369	1.373		0.3	20.0
Benzidine	0.635	0.579		-8.8	
Pyrene	1.311	1.288		-1.8	
Terphenyl-d14	0.981	0.994		1.3	
Butylbenzylphthalate	0.578	0.557		-3.6	
3,3-Dichlorobenzidine	0.500	0.463		-7.4	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01
 Lab Code: ACE SDG No.: Q3716
 Instrument ID: BNA_P Calibration Date/Time: 12/01/2025 14:09
 Lab File ID: BP026197.D Init. Calib. Date(s): 11/18/2025 11/18/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:31 21:22
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo (a) anthracene	1.374	1.338		-2.6	
Chrysene	1.295	1.277		-1.4	
Bis (2-ethylhexyl) phthalate	0.874	0.870		-0.5	
Di-n-octyl phthalate	1.529	1.473		-3.7	20.0
Benzo (b) fluoranthene	1.218	1.215		-0.2	
Benzo (k) fluoranthene	1.217	1.260		3.5	
Benzo (a) pyrene	1.154	1.169		1.3	20.0
Indeno (1,2,3-cd) pyrene	1.500	1.526		1.7	
Dibenzo (a,h) anthracene	1.228	1.250		1.8	
Benzo (g,h,i) perylene	1.220	1.252		2.6	

All other compounds must meet a minimum RRF of 0.010.



SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
 Data File : BP026204.D
 Acq On : 01 Dec 2025 20:02
 Operator : RC/JU
 Sample : Q3716-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Quant Time: Dec 02 00:30:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	246581	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	985477	20.000	ng	-0.02
39) Acenaphthene-d10	14.284	164	647616	20.000	ng	-0.04
64) Phenanthrene-d10	17.101	188	1258602	20.000	ng	-0.03
76) Chrysene-d12	21.536	240	1291488	20.000	ng	-0.04
86) Perylene-d12	24.819	264	1438482	20.000	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1010843	65.799	ng	0.00
7) Phenol-d6	6.849	99	890792	45.547	ng	0.00
23) Nitrobenzene-d5	8.796	82	1569424	90.461	ng	-0.02
42) 2,4,6-Tribromophenol	15.807	330	1207287	143.705	ng	-0.03
45) 2-Fluorobiphenyl	12.896	172	4036679	91.352	ng	-0.04
79) Terphenyl-d14	19.831	244	5708918	90.135	ng	-0.04
Target Compounds						Qvalue
10) Phenol	6.872	94	87346	4.146	ng	92
17) 2-Methylphenol	8.096	107	37760	2.633	ng	97
20) 3+4-Methylphenols	8.419	107	1053703	53.019	ng	90
27) 2,4-Dimethylphenol	9.608	122	99010	6.183	ng	98
31) Naphthalene	10.472	128	3355646	63.005	ng	99
35) Caprolactam	11.449	113	116427	20.316	ng	# 86
37) 2-Methylnaphthalene	12.090	142	2116408	56.052	ng	100
38) 1-Methylnaphthalene	12.313	142	1601228m	43.387	ng	

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

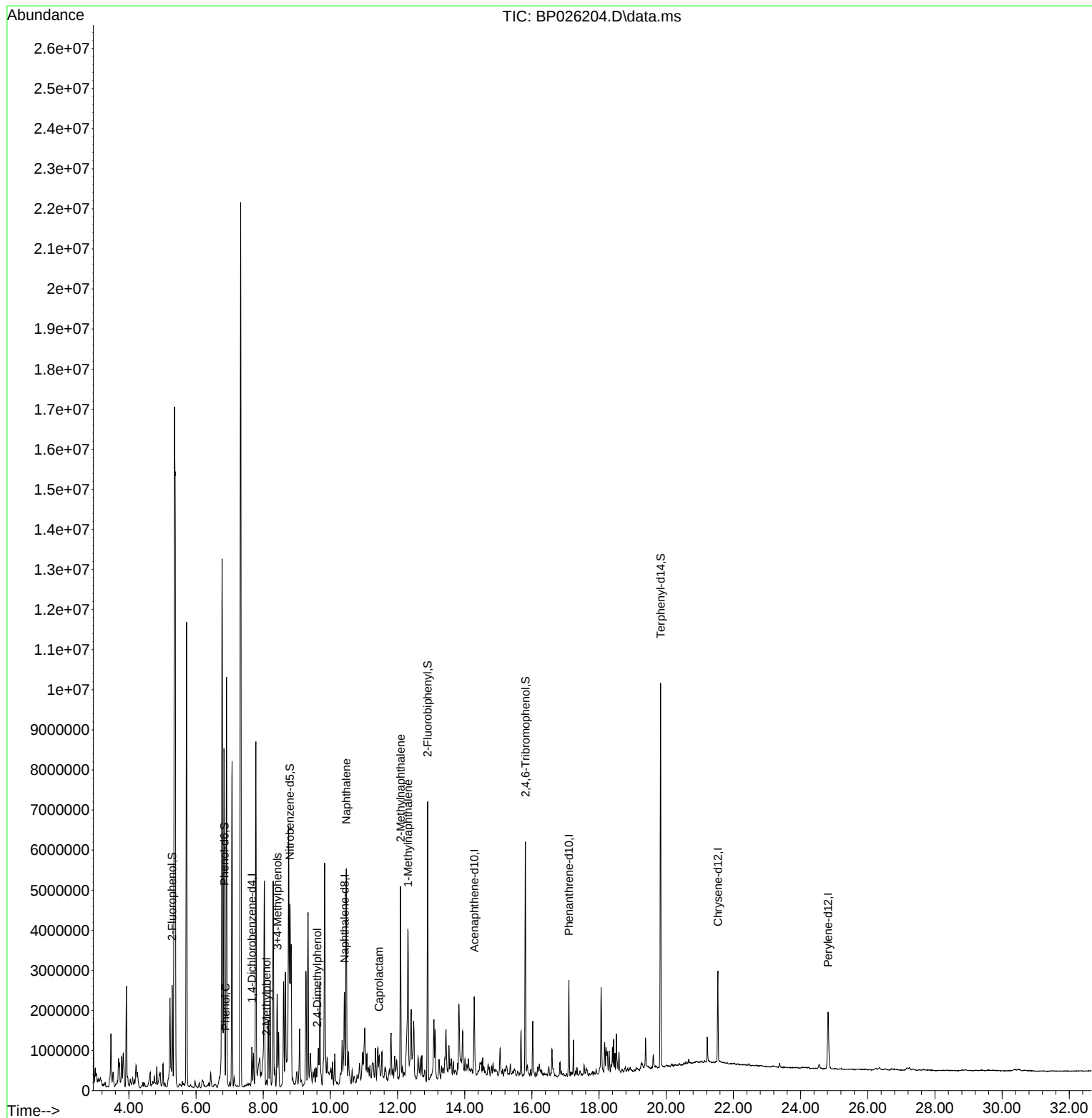
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Data File : BP026204.D
Acq On : 01 Dec 2025 20:02
Operator : RC/JU
Sample : Q3716-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

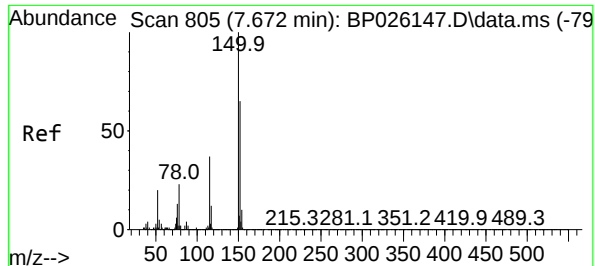
Instrument :
BNA_P
ClientSampleId :
MW5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

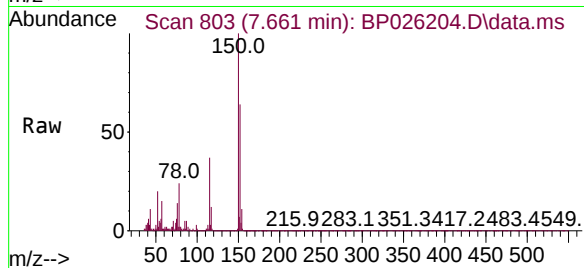
Quant Time: Dec 02 00:30:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.661 min Scan# 805
Delta R.T. -0.011 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

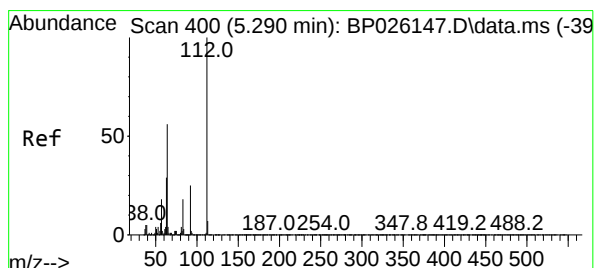
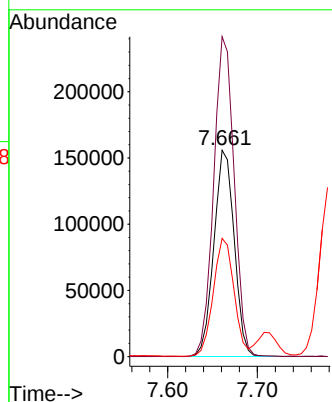
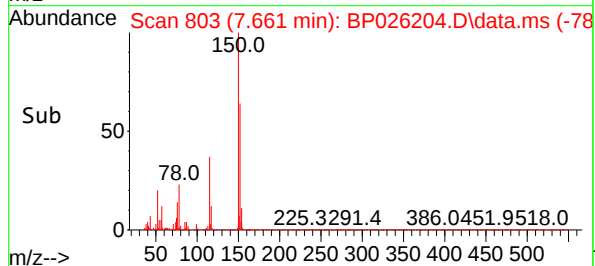
Instrument :
BNA_P
ClientSampleId :
MW5



Tgt Ion:152 Resp: 246581
Ion Ratio Lower Upper
152 100
150 155.1 123.0 184.6
115 57.3 46.3 69.5

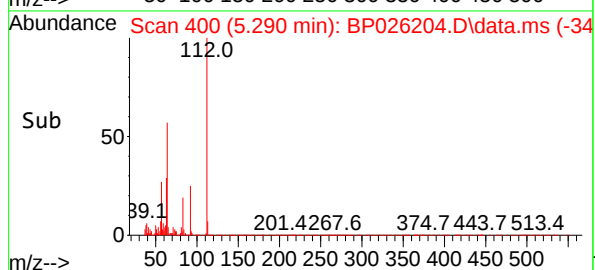
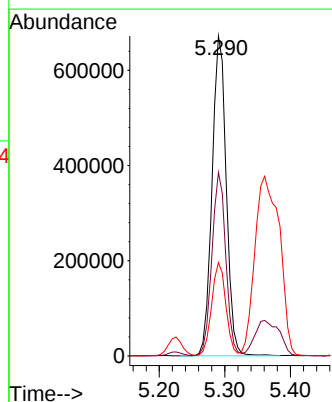
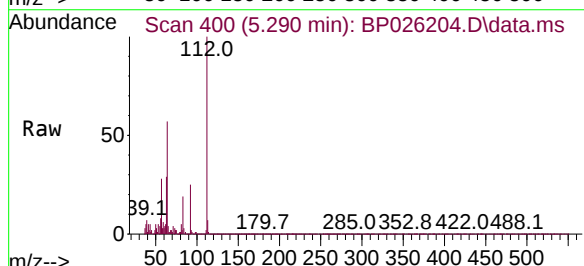
Manual Integrations
APPROVED

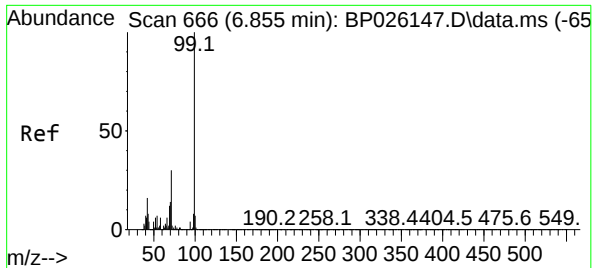
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#5
2-Fluorophenol
Concen: 65.799 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

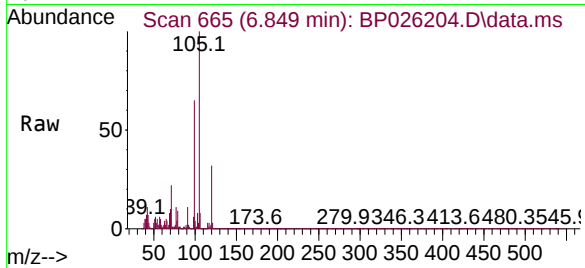
Tgt Ion:112 Resp: 1010843
Ion Ratio Lower Upper
112 100
64 57.3 45.8 68.6
63 29.2 23.5 35.3





#7
Phenol-d6
Concen: 45.547 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

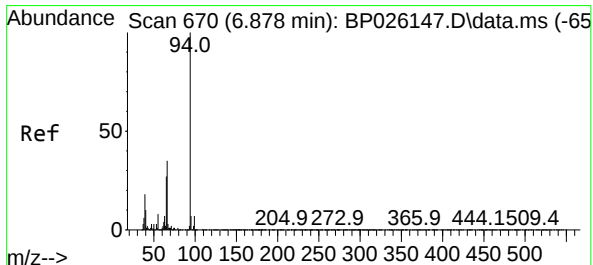
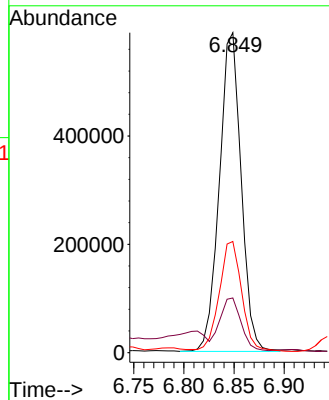
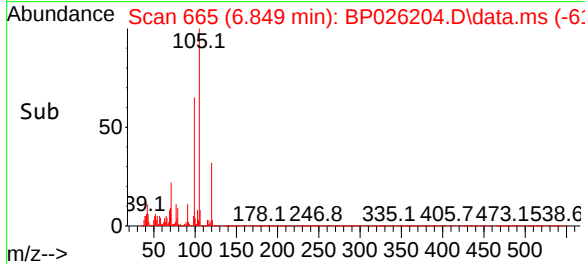
Instrument :
BNA_P
ClientSampleId :
MW5



Tgt Ion: 99 Resp: 890792
Ion Ratio Lower Upper
99 100
42 17.1 12.9 19.3
71 34.7 24.8 37.2

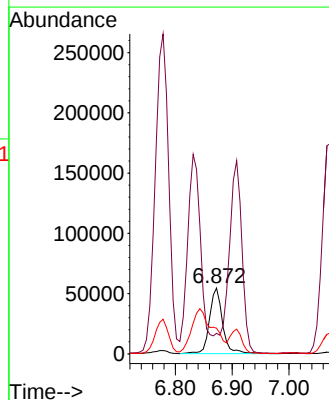
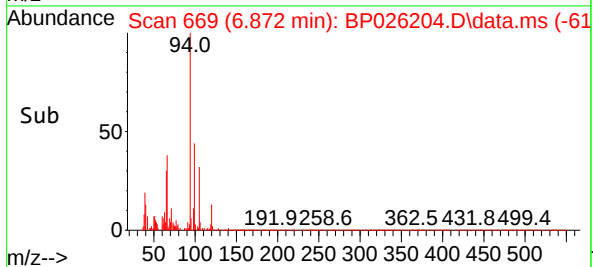
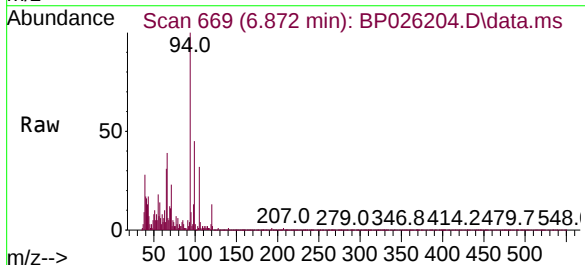
Manual Integrations
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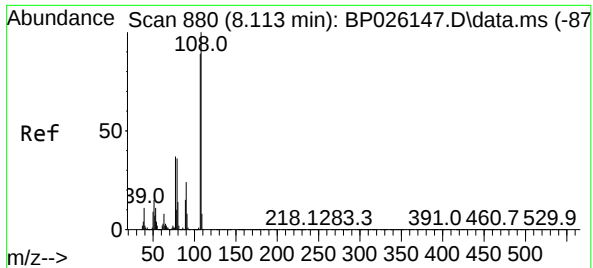
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#10
Phenol
Concen: 4.146 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

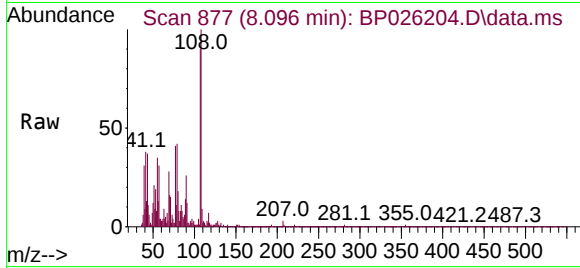
Tgt Ion: 94 Resp: 87346
Ion Ratio Lower Upper
94 100
65 31.3 7.0 47.0
66 38.9 14.5 54.5





#17
2-Methylphenol
Concen: 2.633 ng
RT: 8.096 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

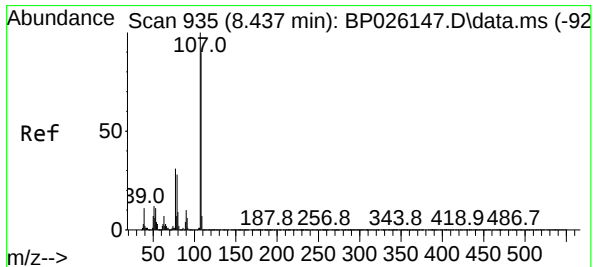
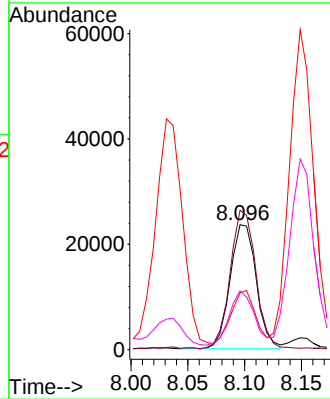
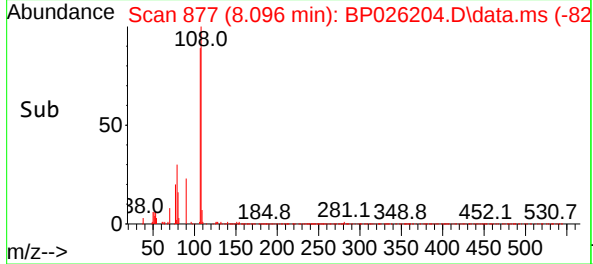
Instrument :
BNA_P
ClientSampleId :
MW5



Tgt Ion:107 Resp: 37760
Ion Ratio Lower Upper
107 100
108 111.4 89.7 134.5
77 45.6 33.9 50.9
79 46.9 33.0 49.4

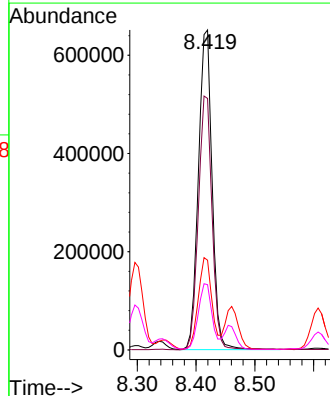
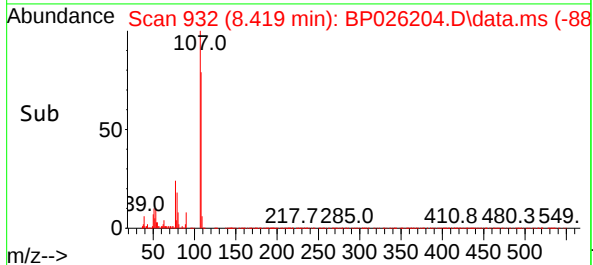
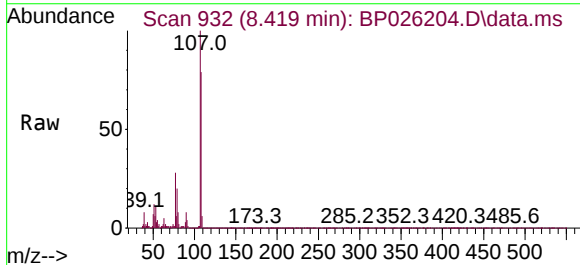
Manual Integrations
APPROVED

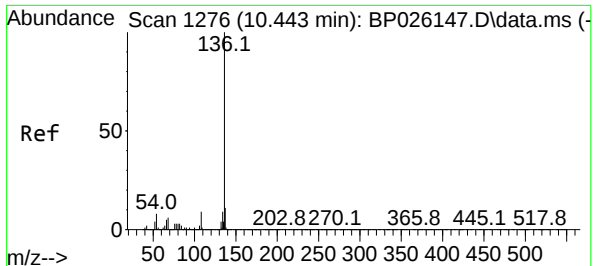
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#20
3+4-Methylphenols
Concen: 53.019 ng
RT: 8.419 min Scan# 932
Delta R.T. -0.017 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

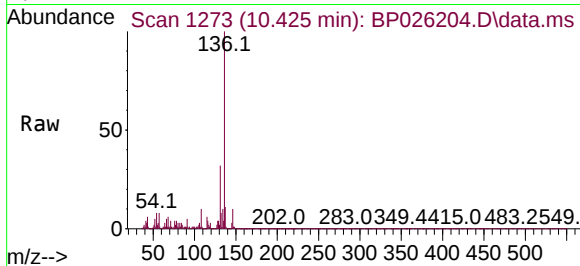
Tgt Ion:107 Resp: 1053703
Ion Ratio Lower Upper
107 100
108 78.6 68.9 108.9
77 28.0 10.4 50.4
79 20.4 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.023 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

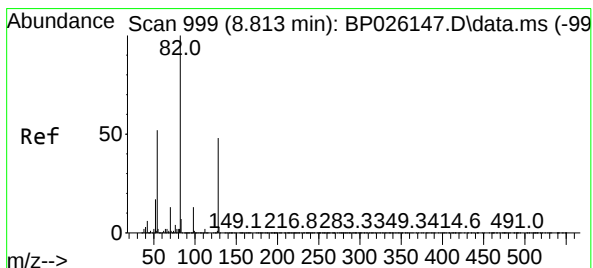
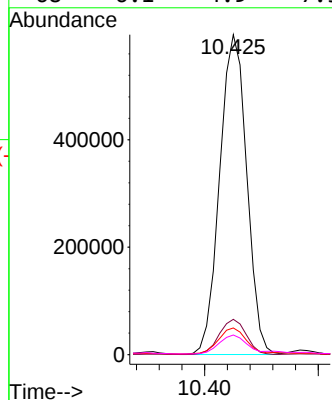
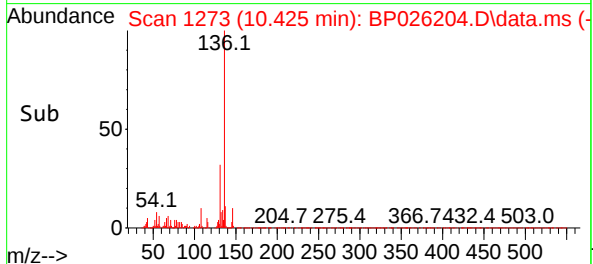
Instrument :
BNA_P
ClientSampleId :
MW5



Tgt Ion: 136 Resp: 985472
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.3 6.4 9.6
68 6.1 4.9 7.3

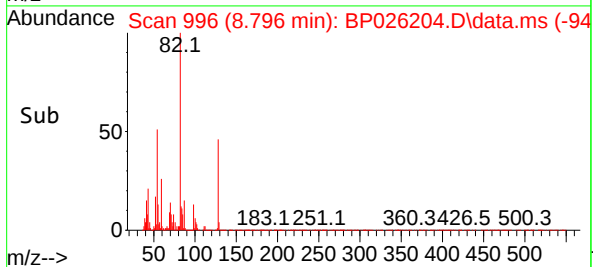
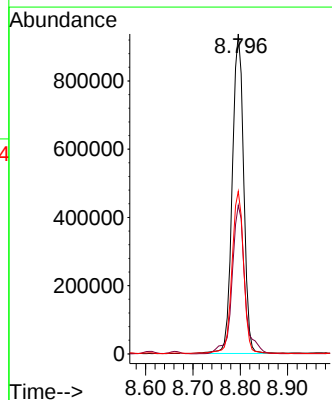
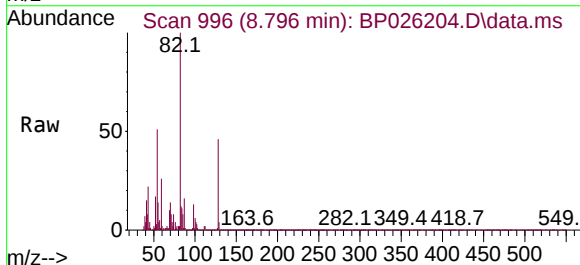
Manual Integrations
APPROVED

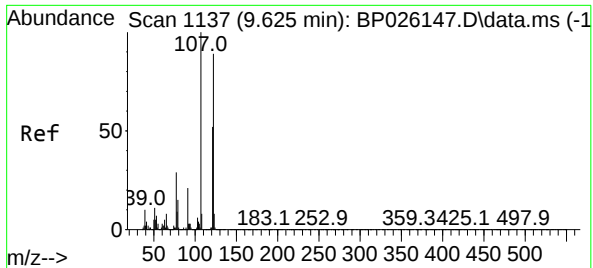
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#23
Nitrobenzene-d5
Concen: 90.461 ng
RT: 8.796 min Scan# 996
Delta R.T. -0.017 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

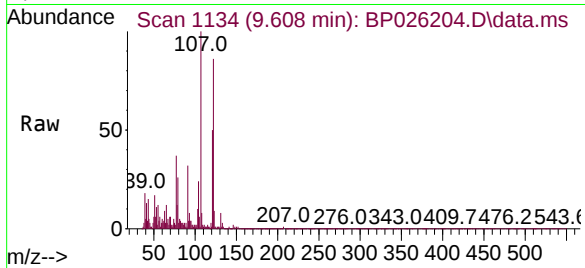
Tgt Ion: 82 Resp: 1569424
Ion Ratio Lower Upper
82 100
128 46.4 37.4 56.0
54 50.8 41.6 62.4





#27
2,4-Dimethylphenol
Concen: 6.183 ng
RT: 9.608 min Scan# 1137
Delta R.T. -0.017 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

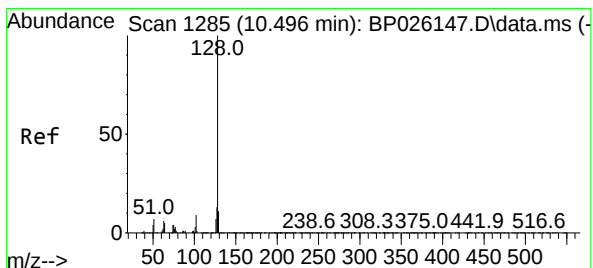
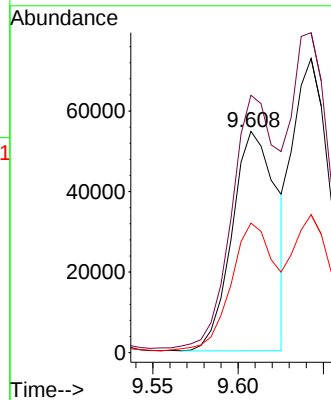
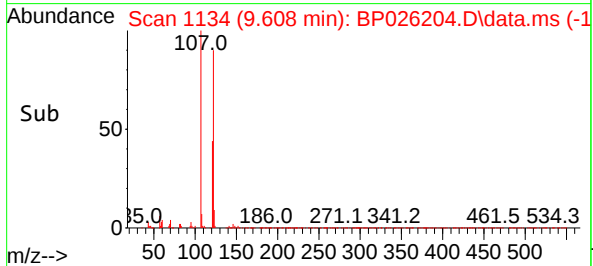
Instrument :
BNA_P
ClientSampleId :
MW5



Tgt Ion:122 Resp: 99010
Ion Ratio Lower Upper
122 100
107 116.4 91.0 136.6
121 58.6 47.0 70.6

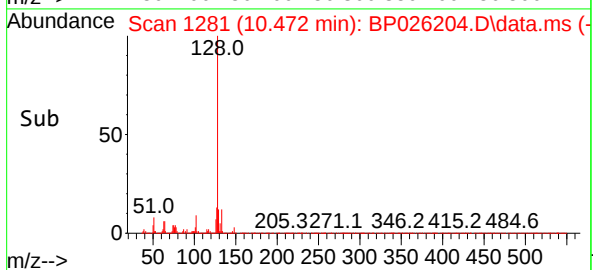
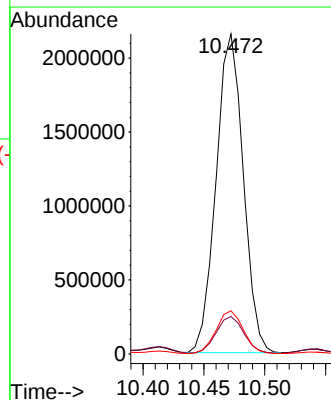
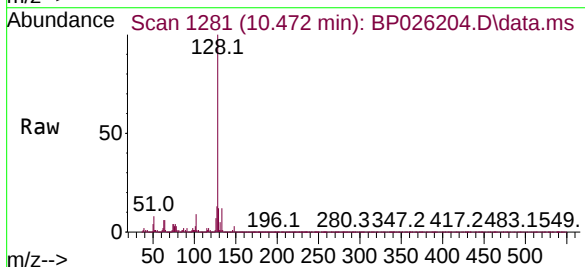
Manual Integrations
APPROVED

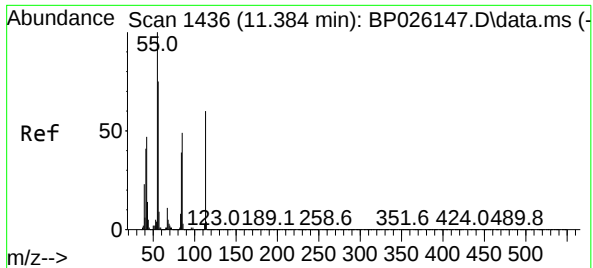
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#31
Naphthalene
Concen: 63.005 ng
RT: 10.472 min Scan# 1281
Delta R.T. -0.023 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

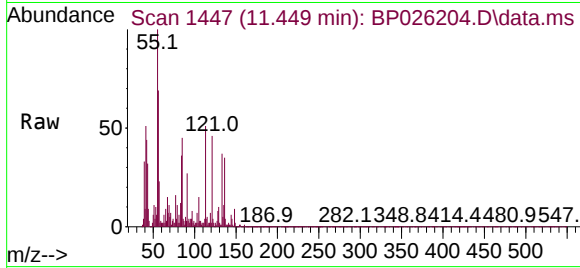
Tgt Ion:128 Resp: 3355646
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.5 10.2 15.4





#35
Caprolactam
Concen: 20.316 ng
RT: 11.449 min Scan# 1436
Delta R.T. 0.071 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

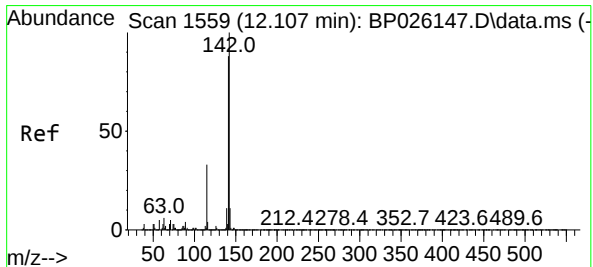
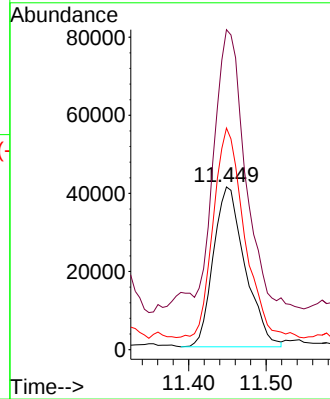
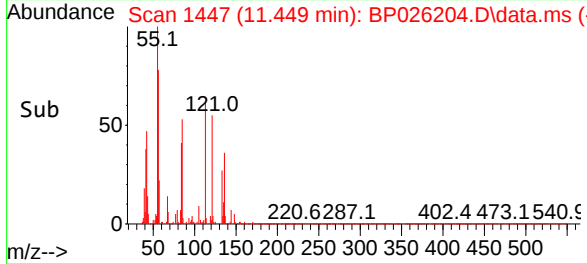
Instrument :
BNA_P
ClientSampleId :
MW5



Tgt Ion:113 Resp: 116427
Ion Ratio Lower Upper
113 100
55 196.8 153.0 193.0
56 136.2 106.4 146.4

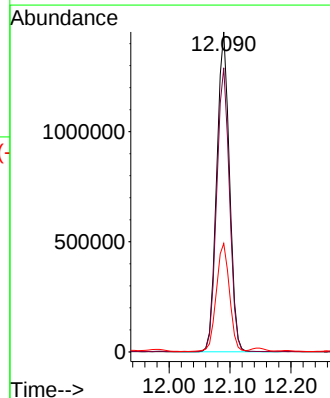
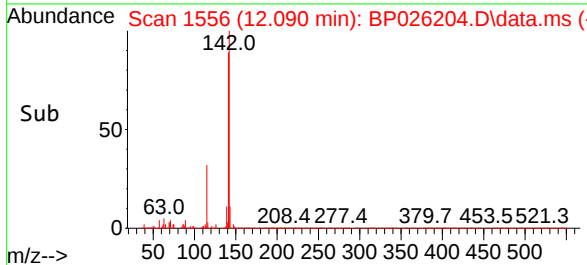
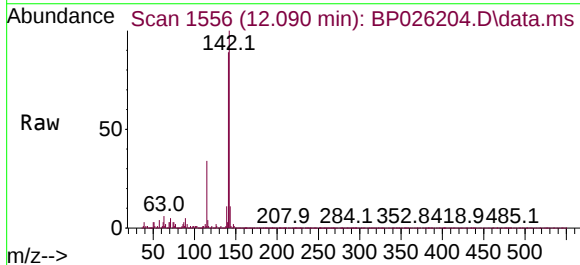
Manual Integrations
APPROVED

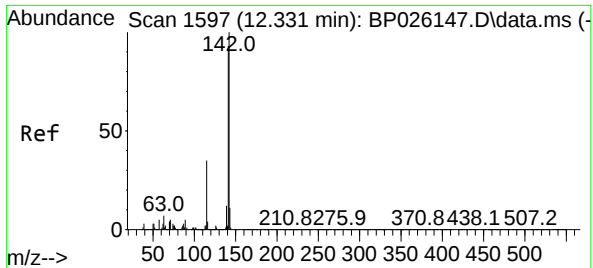
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#37
2-Methylnaphthalene
Concen: 56.052 ng
RT: 12.090 min Scan# 1556
Delta R.T. -0.023 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

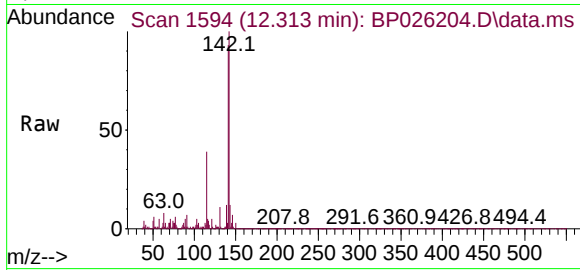
Tgt Ion:142 Resp: 2116408
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6
115 33.9 26.6 39.8





#38
1-Methylnaphthalene
Concen: 43.387 ng m
RT: 12.313 min Scan# 1594
Delta R.T. -0.017 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

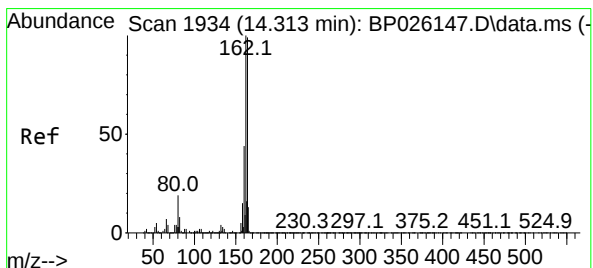
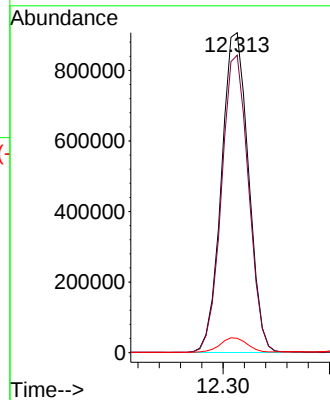
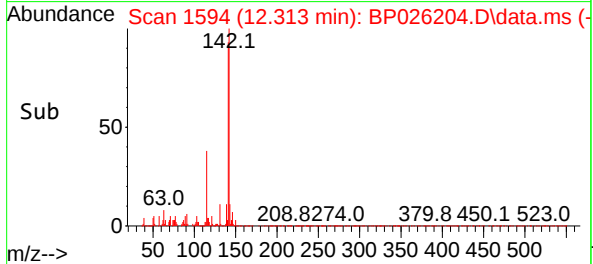
Instrument :
BNA_P
ClientSampleId :
MW5



Tgt Ion:142 Resp: 1601228
Ion Ratio Lower Upper
142 100
141 92.9 73.5 110.3
116 4.5 3.0 4.4

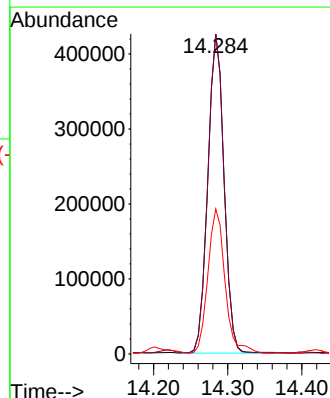
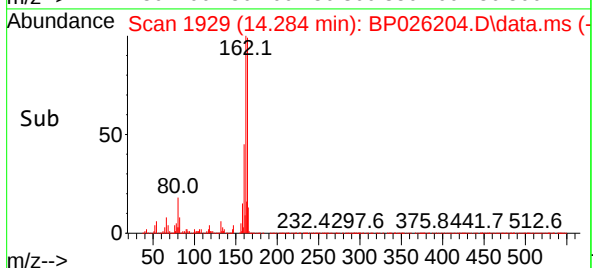
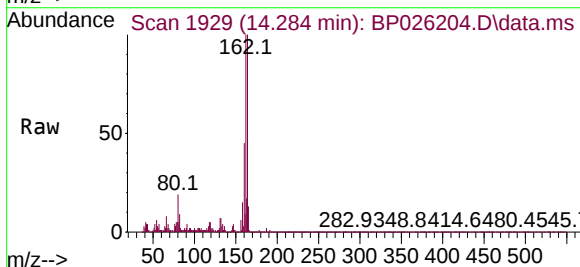
Manual Integrations
APPROVED

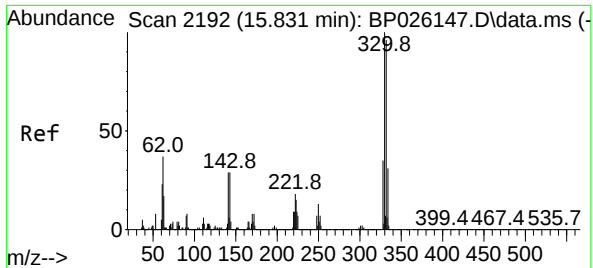
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.041 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

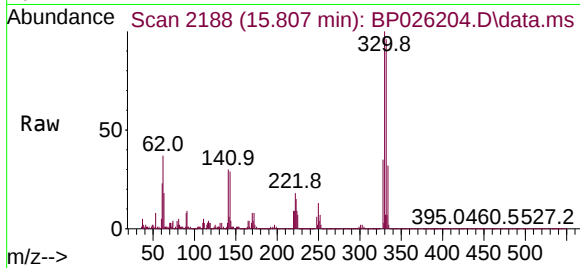
Tgt Ion:164 Resp: 647616
Ion Ratio Lower Upper
164 100
162 100.1 80.3 120.5
160 45.4 35.2 52.8





#42
2,4,6-Tribromophenol
Concen: 143.705 ng
RT: 15.807 min Scan# 2192
Delta R.T. -0.029 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

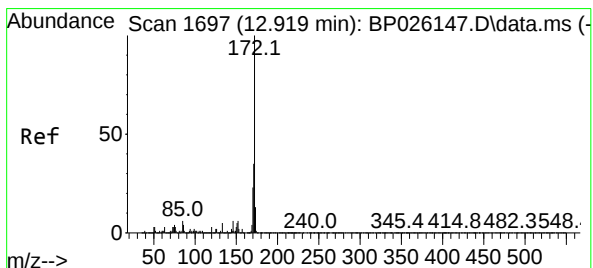
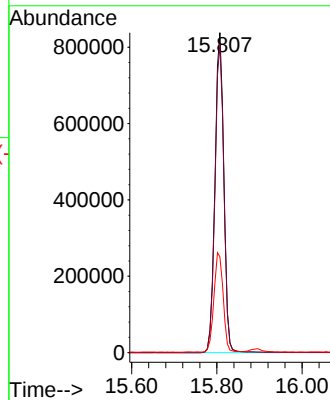
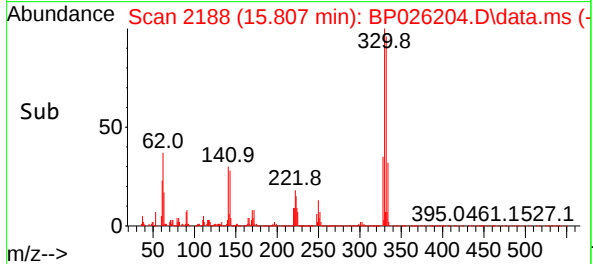
Instrument :
BNA_P
ClientSampleId :
MW5



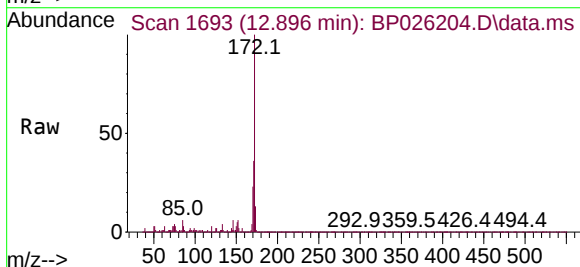
Tgt Ion: 330 Resp: 120728
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 32.3 26.8 40.2

Manual Integrations
APPROVED

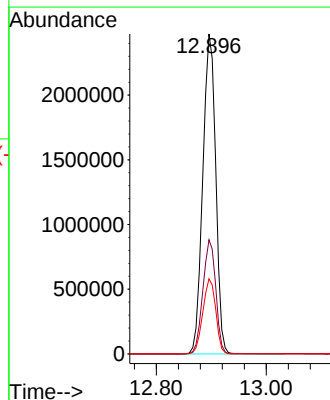
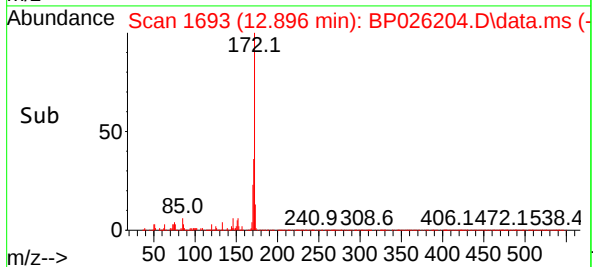
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

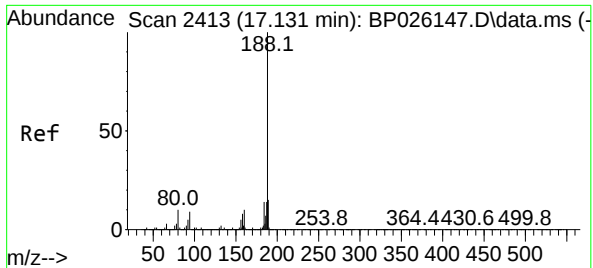


#45
2-Fluorobiphenyl
Concen: 91.352 ng
RT: 12.896 min Scan# 1693
Delta R.T. -0.035 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02



Tgt Ion: 172 Resp: 4036679
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.5 18.7 28.1





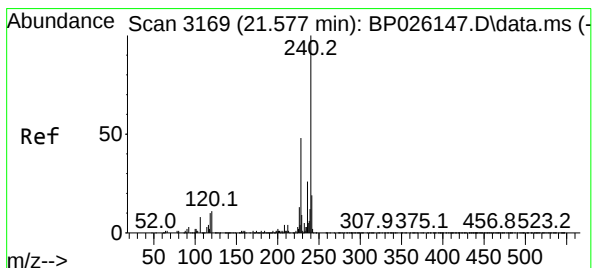
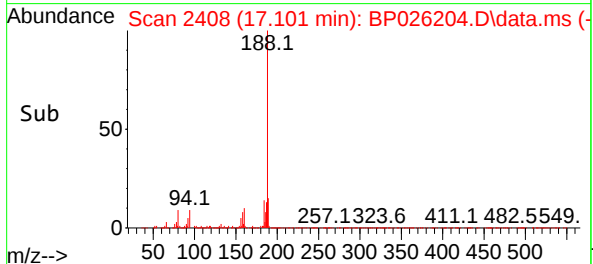
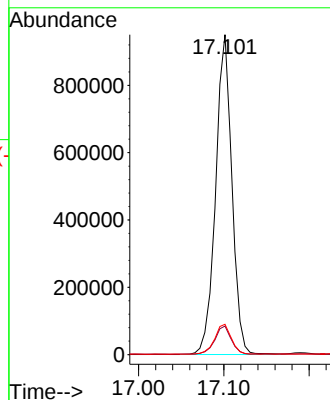
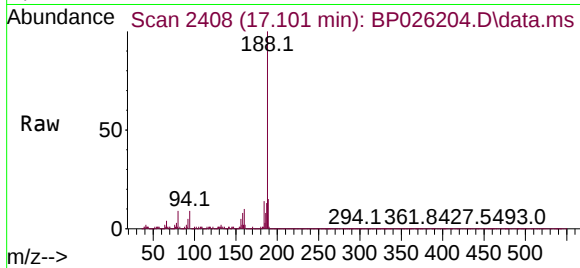
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.101 min Scan# 2413
Delta R.T. -0.029 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

Instrument :
BNA_P
ClientSampleId :
MW5

Tgt Ion:188 Resp: 1258602
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 9.5 8.2 12.2

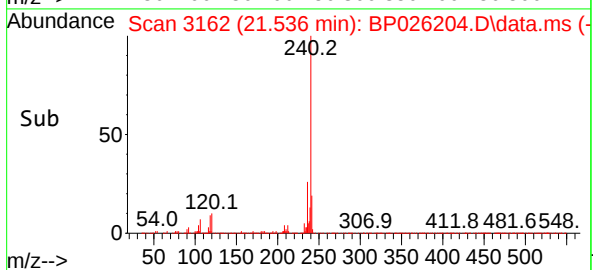
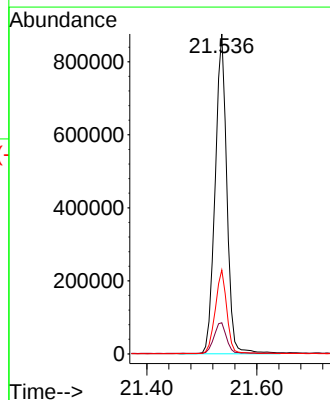
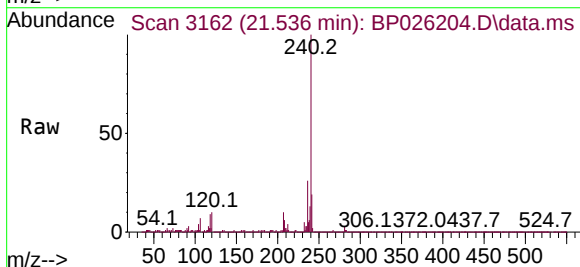
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.035 min
Lab File: BP026204.D
Acq: 01 Dec 2025 20:02

Tgt Ion:240 Resp: 1291488
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.4
236 26.2 20.4 30.6

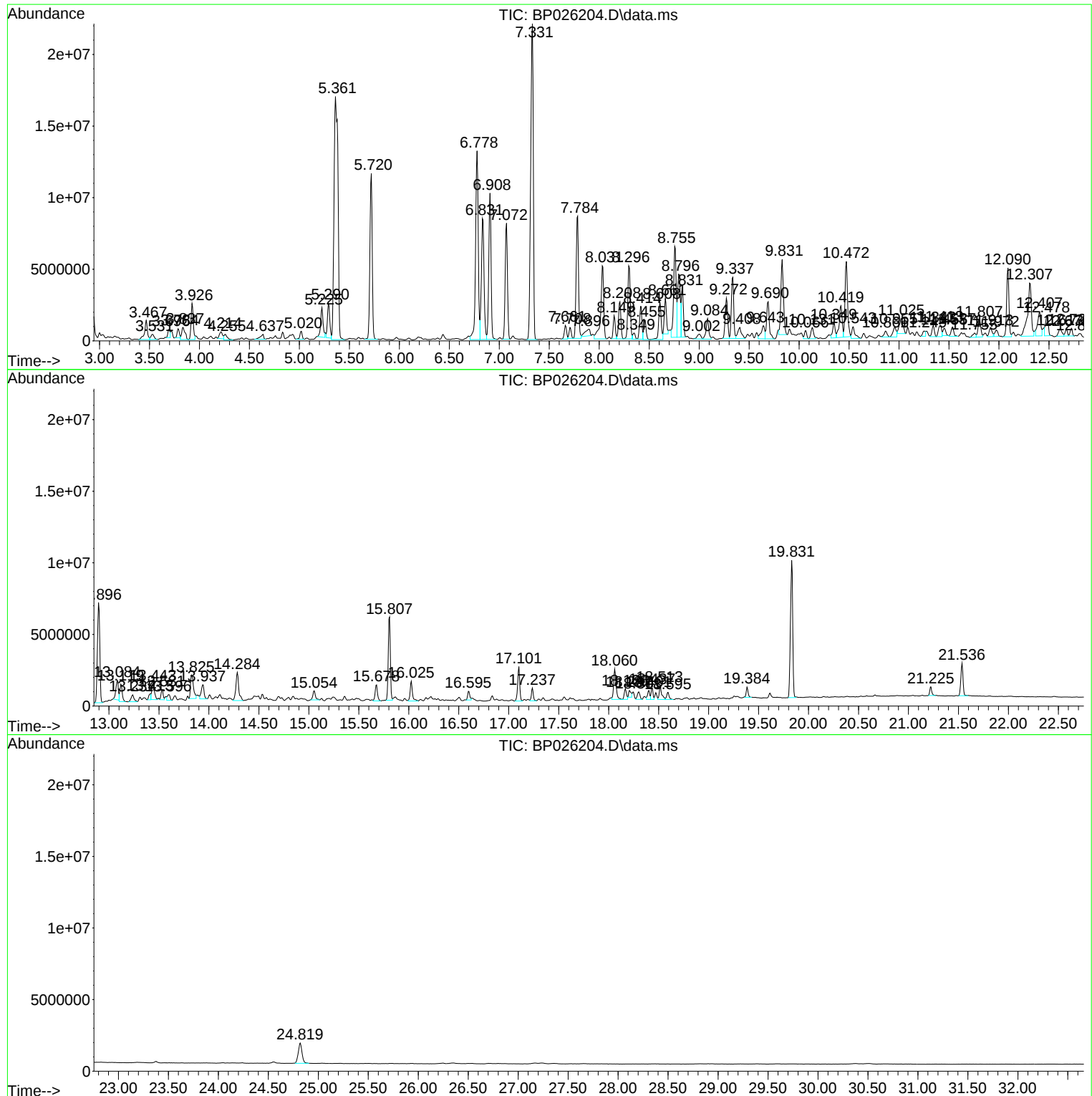


Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026204.D
Acq On : 01 Dec 2025 20:02
Operator : RC/JU
Sample : Q3716-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026204.D
Acq On : 01 Dec 2025 20:02
Operator : RC/JU
Sample : Q3716-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

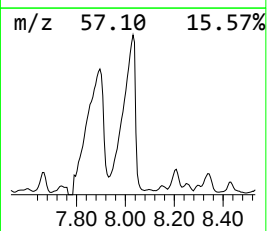
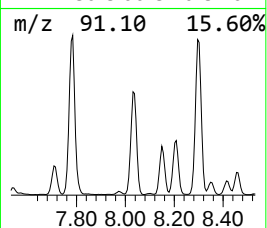
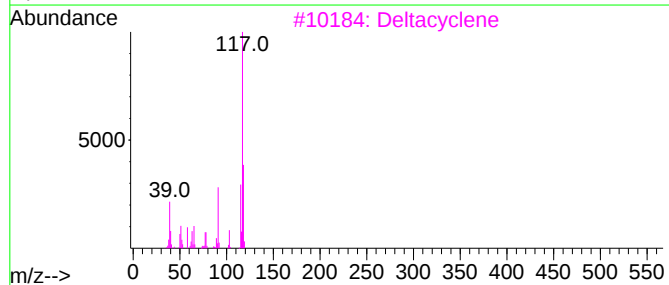
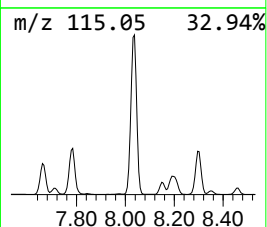
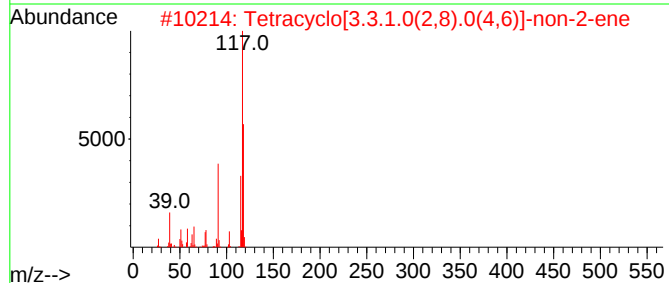
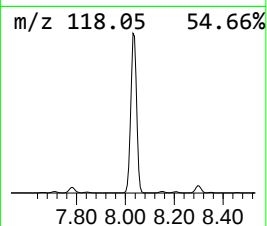
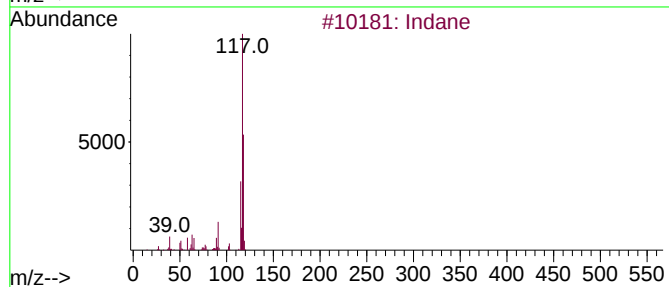
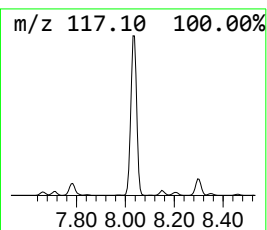
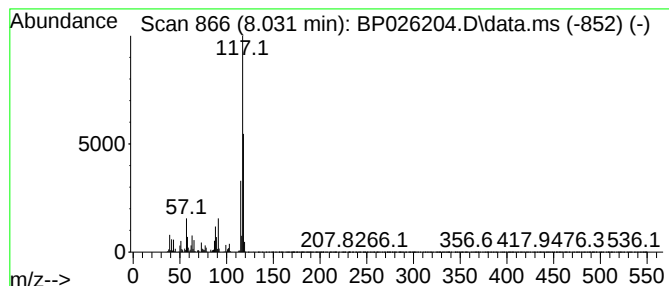
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.031	137.24 ng	10548400	1,4-Dichlorobenzene-d4	7.661

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indane	118	C9H10	000496-11-7	93
2		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
3		Deltacyclene	118	C9H10	007785-10-6	64
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026204.D
Acq On : 01 Dec 2025 20:02
Operator : RC/JU
Sample : Q3716-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	6.778	315.9	ng	24276200	1	7.661	1537180	20.0
Benzene, 1-ethy...	7.072	168.2	ng	12926900	1	7.661	1537180	20.0
Indane	8.031	137.2	ng	10548400	1	7.661	1537180	20.0
Benzene, 1,4-di...	8.149	30.3	ng	2329510	1	7.661	1537180	20.0
Benzene, 1-meth...	8.208	55.8	ng	4289860	1	7.661	1537180	20.0
Benzene, 1-ethy...	8.296	111.6	ng	8573300	1	7.661	1537180	20.0
Benzene, 2-ethy...	8.608	60.9	ng	4680480	1	7.661	1537180	20.0
o-Cymene	8.661	48.4	ng	3723070	1	7.661	1537180	20.0
Benzene, 1,2,4,...	9.337	30.6	ng	6954540	2	10.425	4553500	20.0
Benzene, 2-ethe...	9.831	41.3	ng	9403090	2	10.425	4553500	20.0
n-Hexadecanoic ...	18.060	21.6	ng	3632460	4	17.101	3370560	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026205.D
Acq On : 01 Dec 2025 20:43
Operator : RC/JU
Sample : Q3716-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Time: Dec 02 00:31:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	216317	20.000	ng	-0.02
21) Naphthalene-d8	10.419	136	815646	20.000	ng	-0.03
39) Acenaphthene-d10	14.290	164	502807	20.000	ng	-0.04
64) Phenanthrene-d10	17.089	188	1020122	20.000	ng	-0.04
76) Chrysene-d12	21.530	240	1197544	20.000	ng	-0.04
86) Perylene-d12	24.807	264	1381792	20.000	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	935440	69.410	ng	0.00
7) Phenol-d6	6.837	99	687116	40.048	ng	-0.02
23) Nitrobenzene-d5	8.796	82	1467182	102.176	ng	-0.02
42) 2,4,6-Tribromophenol	15.801	330	1036484	158.906	ng	-0.04
45) 2-Fluorobiphenyl	12.896	172	3624092	105.636	ng	-0.04
79) Terphenyl-d14	19.836	244	5872743	99.995	ng	-0.04

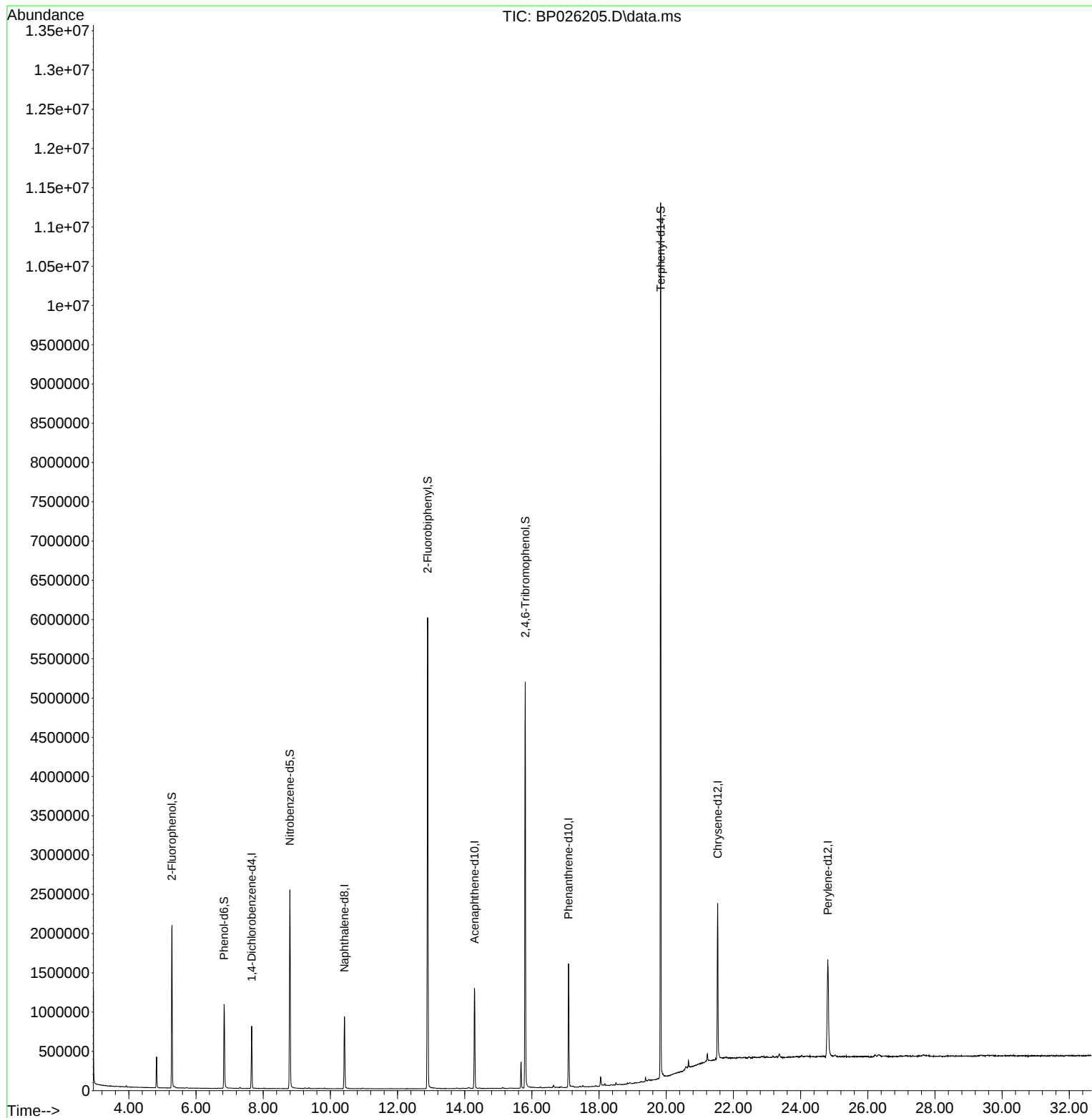
Target Compounds	Qvalue
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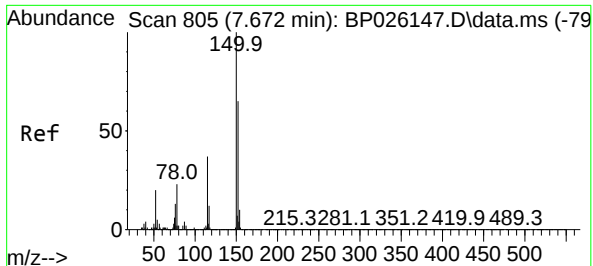
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026205.D
Acq On : 01 Dec 2025 20:43
Operator : RC/JU
Sample : Q3716-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Time: Dec 02 00:31:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

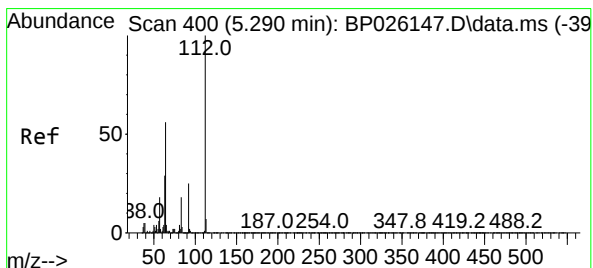
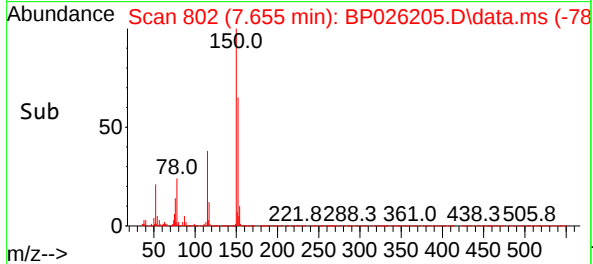
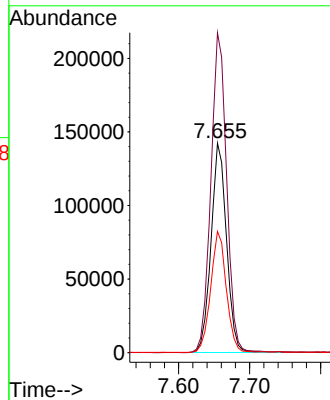
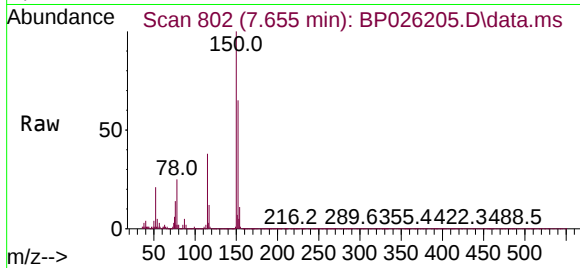




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP026205.D
Acq: 01 Dec 2025 20:43

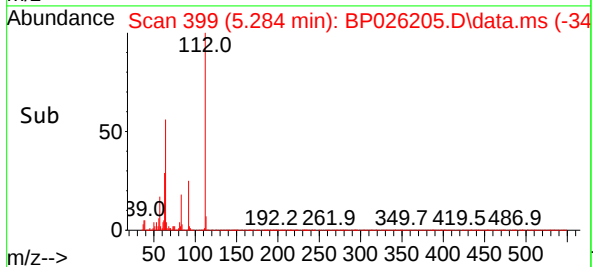
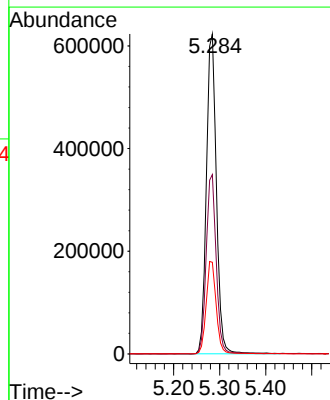
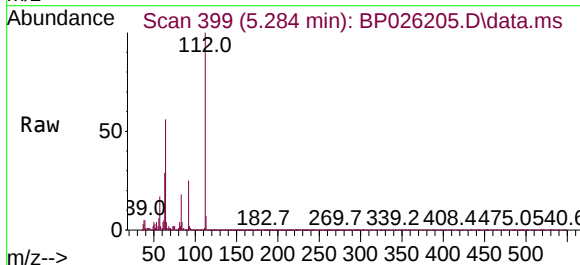
Instrument :
BNA_P
ClientSampleId :
MW3

Tgt Ion:152 Resp: 216317
Ion Ratio Lower Upper
152 100
150 152.7 123.0 184.6
115 57.8 46.3 69.5



#5
2-Fluorophenol
Concen: 69.410 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026205.D
Acq: 01 Dec 2025 20:43

Tgt Ion:112 Resp: 935440
Ion Ratio Lower Upper
112 100
64 56.0 45.8 68.6
63 28.6 23.5 35.3

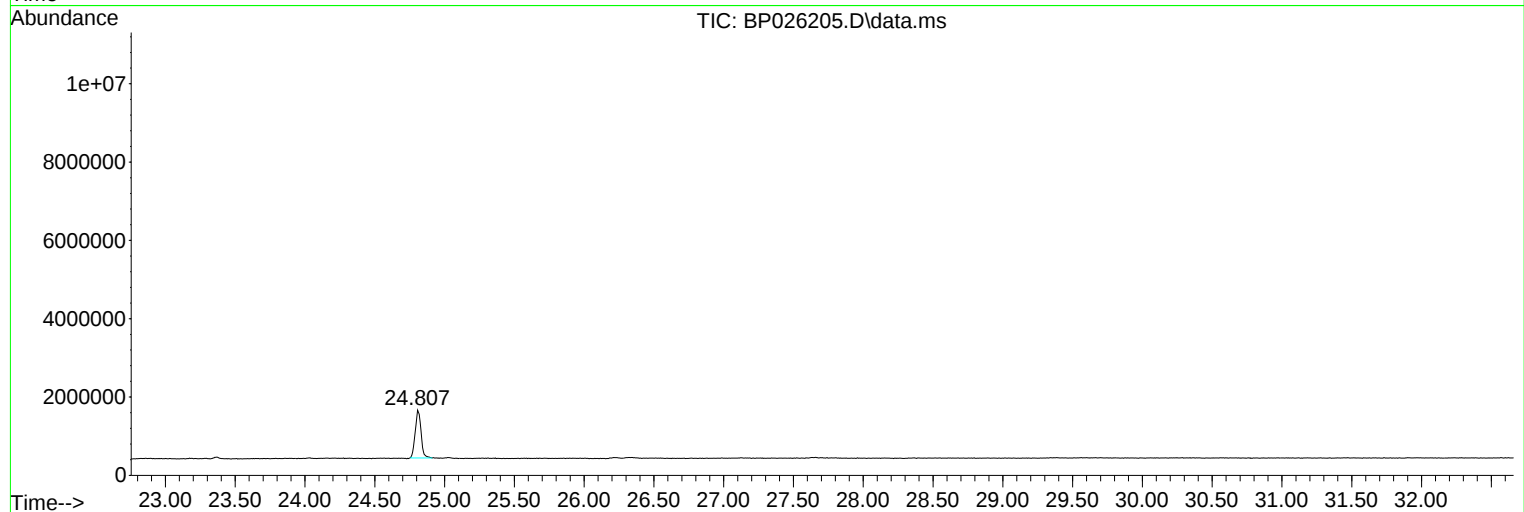
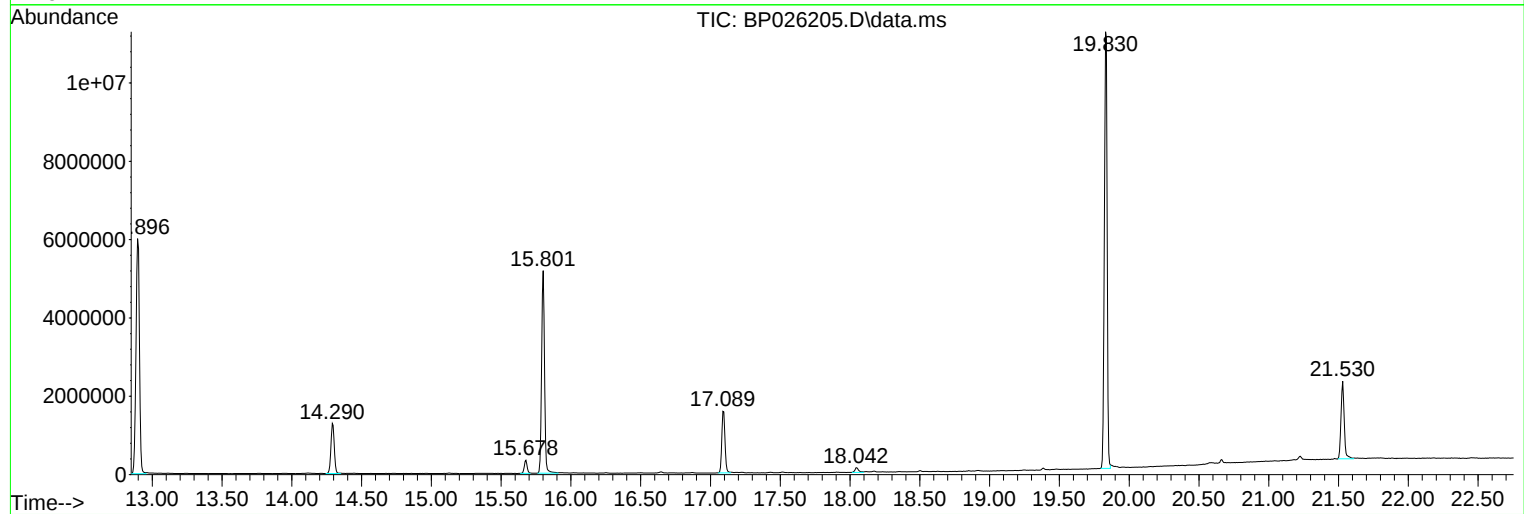
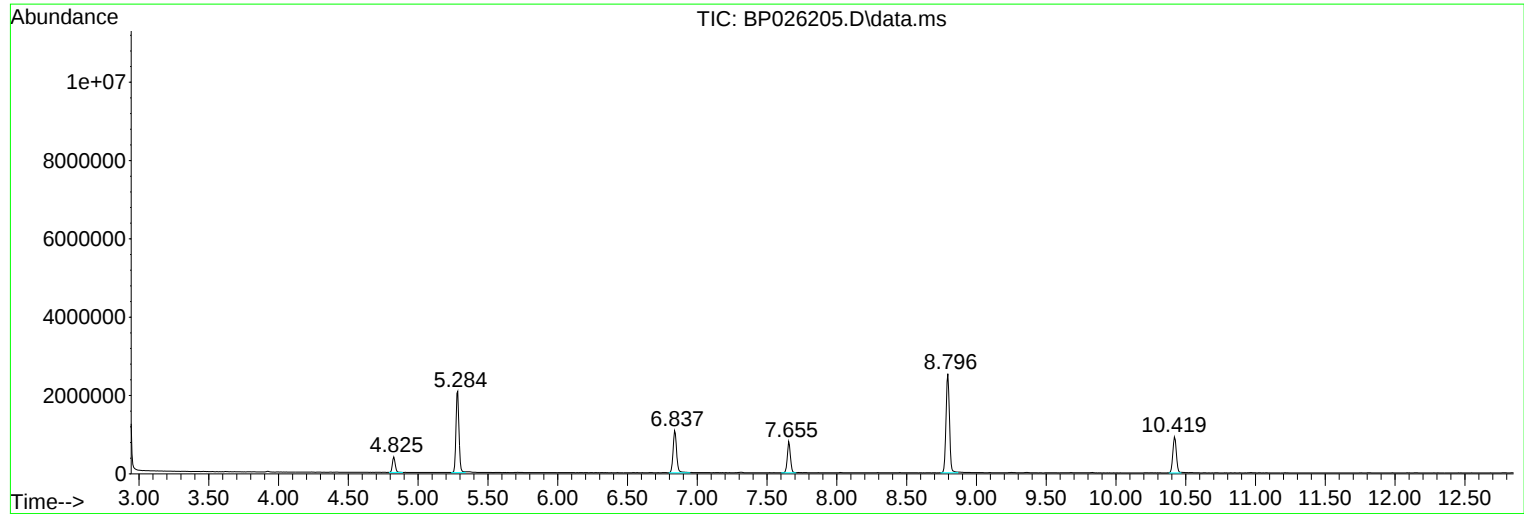


Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026205.D
Acq On : 01 Dec 2025 20:43
Operator : RC/JU
Sample : Q3716-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026205.D
Acq On : 01 Dec 2025 20:43
Operator : RC/JU
Sample : Q3716-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

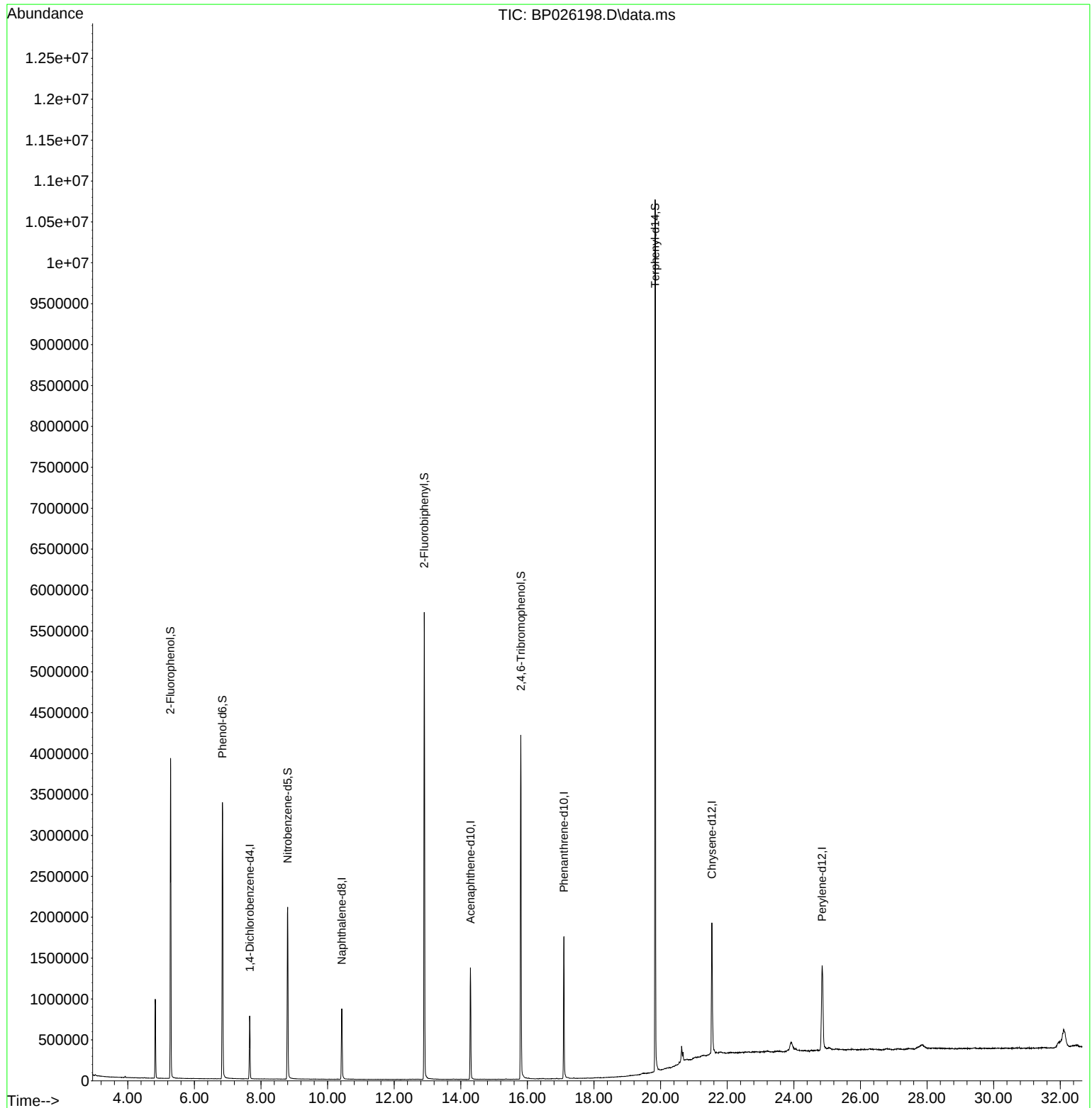
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.678	4.7	ng	487819	3	14.290	2099370	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026198.D
Acq On : 01 Dec 2025 14:50
Operator : RC/JU
Sample : PB170743BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170743BL

Quant Time: Dec 01 15:10:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

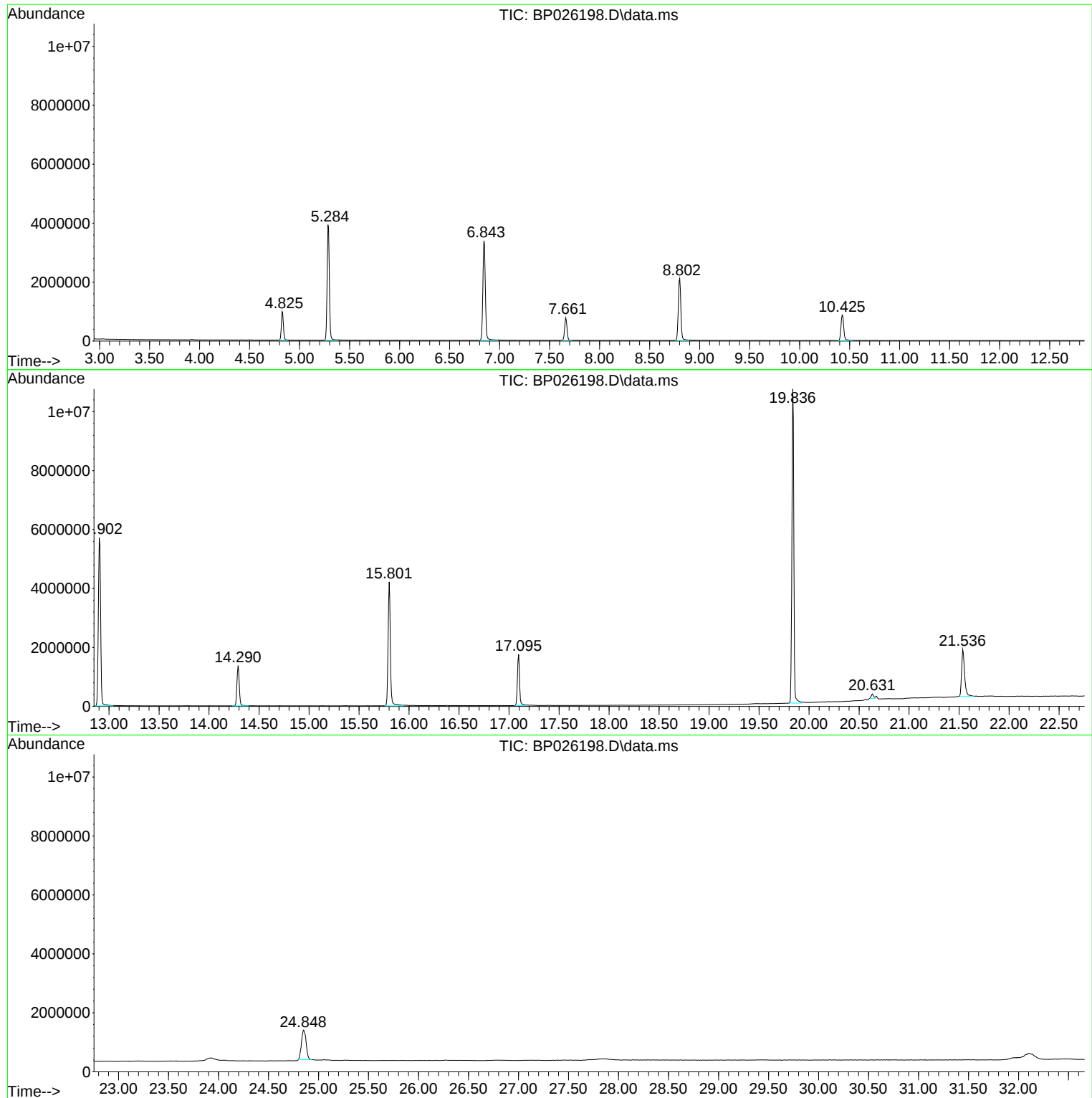


Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026198.D
Acq On : 01 Dec 2025 14:50
Operator : RC/JU
Sample : PB170743BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170743BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026198.D
Acq On : 01 Dec 2025 14:50
Operator : RC/JU
Sample : PB170743BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170743BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

No Library Search Compounds Detected

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026198.D
Acq On : 01 Dec 2025 14:50
Operator : RC/JU
Sample : PB170743BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170743BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Manual Integration Report

Sequence:	BP111825	Instrument	BNA_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC020	BP026146.D	Benzo(g,h,i)perylene	Jagrut	11/19/2025 10:52:52 AM	Sohil	11/19/2025 3:40:17 PM	Peak Integrated by Software
SSTDICC020	BP026146.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:52 AM	Sohil	11/19/2025 3:40:17 PM	Peak Integrated by Software
SSTDICCC040	BP026147.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:55 AM	Sohil	11/19/2025 3:40:19 PM	Peak Integrated by Software
SSTDICC060	BP026149.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:57 AM	Sohil	11/19/2025 3:40:20 PM	Peak Integrated by Software
SSTDICC080	BP026150.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:59 AM	Sohil	11/19/2025 3:40:22 PM	Peak Integrated by Software
SSTDICV040	BP026151.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:53:01 AM	Sohil	11/19/2025 3:40:24 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BP120125

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026197.D	Indeno(1,2,3-cd)pyrene	Jagrut	12/2/2025 4:11:17 PM	mohammad	12/3/2025 1:12:23 AM	Peak Integrated by Software
PB170743BS	BP026199.D	Caprolactam	Jagrut	12/2/2025 4:11:19 PM	mohammad	12/3/2025 1:12:23 AM	Peak Integrated by Software
Q3716-01	BP026204.D	1-Methylnaphthalene	Jagrut	12/2/2025 4:11:26 PM	mohammad	12/3/2025 1:12:23 AM	Peak Integrated by Software

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP111825

Review By	Jagrut	Review On	11/19/2025 10:53:24 AM
Supervise By	Sohil	Supervise On	11/19/2025 3:40:33 PM
SubDirectory	BP111825	HP Acquire Method	BNA_P
		HP Processing Method	BP111825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917		
CCC	SP6913		
Internal Standard/PEM	S13183,10ul/1000ul sample		
ICV/I.BLK	SP6928		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026142.D	18 Nov 2025 13:45	RC/JU	Ok
2	SSTDICC2.5	BP026143.D	18 Nov 2025 14:31	RC/JU	Ok
3	SSTDICC005	BP026144.D	18 Nov 2025 15:12	RC/JU	Ok
4	SSTDICC010	BP026145.D	18 Nov 2025 15:54	RC/JU	Ok
5	SSTDICC020	BP026146.D	18 Nov 2025 16:35	RC/JU	Ok,M
6	SSTDICCC040	BP026147.D	18 Nov 2025 17:57	RC/JU	Ok,M
7	SSTDICC050	BP026148.D	18 Nov 2025 18:38	RC/JU	Ok
8	SSTDICC060	BP026149.D	18 Nov 2025 20:00	RC/JU	Ok,M
9	SSTDICC080	BP026150.D	18 Nov 2025 21:22	RC/JU	Ok,M
10	SSTDICV040	BP026151.D	18 Nov 2025 23:25	RC/JU	Ok,M
11	PB170493TB	BP026152.D	19 Nov 2025 00:06	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP120125

Review By	Jagrut	Review On	12/2/2025 4:18:26 PM
Supervise By	mohammad	Supervise On	12/3/2025 1:12:23 AM
SubDirectory	BP120125	HP Acquire Method	BNA_P
		HP Processing Method	BP111825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917		
CCC	SP6913		
Internal Standard/PEM	S13184,10ul/1000ul sample		
ICV/I.BLK	SP6928		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026196.D	01 Dec 2025 12:48	RC/JU	Ok
2	SSTDCCC040	BP026197.D	01 Dec 2025 14:09	RC/JU	Ok,M
3	PB170743BL	BP026198.D	01 Dec 2025 14:50	RC/JU	Ok
4	PB170743BS	BP026199.D	01 Dec 2025 15:31	RC/JU	Ok,M
5	PB170743BSD	BP026200.D	01 Dec 2025 16:12	RC/JU	Ok
6	Q3719-10MS	BP026201.D	01 Dec 2025 17:51	RC/JU	Ok
7	Q3719-10MSD	BP026202.D	01 Dec 2025 18:40	RC/JU	Ok
8	Q3719-10	BP026203.D	01 Dec 2025 19:21	RC/JU	Ok
9	Q3716-01	BP026204.D	01 Dec 2025 20:02	RC/JU	Ok,M
10	Q3716-02	BP026205.D	01 Dec 2025 20:43	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP111825

Review By	Jagrut	Review On	11/19/2025 10:53:24 AM
Supervise By	Sohil	Supervise On	11/19/2025 3:40:33 PM
SubDirectory	BP111825	HP Acquire Method	BNA_P
		HP Processing Method	BP111825

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917
CCC	SP6913
Internal Standard/PEM	S13183,10ul/1000ul sample
ICV/I.BLK	SP6928
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026142.D	18 Nov 2025 13:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026143.D	18 Nov 2025 14:31		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026144.D	18 Nov 2025 15:12		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026145.D	18 Nov 2025 15:54		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BP026146.D	18 Nov 2025 16:35		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026147.D	18 Nov 2025 17:57		RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP026148.D	18 Nov 2025 18:38		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BP026149.D	18 Nov 2025 20:00		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP026150.D	18 Nov 2025 21:22		RC/JU	Ok,M
10	SSTDICV040	ICVBP111825	BP026151.D	18 Nov 2025 23:25		RC/JU	Ok,M
11	PB170493TB	PB170493TB	BP026152.D	19 Nov 2025 00:06		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP120125

Review By	Jagrut	Review On	12/2/2025 4:18:26 PM
Supervise By	mohammad	Supervise On	12/3/2025 1:12:23 AM
SubDirectory	BP120125	HP Acquire Method	BNA_P
		HP Processing Method	BP111825

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917
CCC	SP6913
Internal Standard/PEM	S13184,10ul/1000ul sample
ICV/I.BLK	SP6928
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026196.D	01 Dec 2025 12:48		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026197.D	01 Dec 2025 14:09		RC/JU	Ok,M
3	PB170743BL	PB170743BL	BP026198.D	01 Dec 2025 14:50		RC/JU	Ok
4	PB170743BS	PB170743BS	BP026199.D	01 Dec 2025 15:31		RC/JU	Ok,M
5	PB170743BSD	PB170743BSD	BP026200.D	01 Dec 2025 16:12		RC/JU	Ok
6	Q3719-10MS	SB-1125-15BMS	BP026201.D	01 Dec 2025 17:51		RC/JU	Ok
7	Q3719-10MSD	SB-1125-15BMSD	BP026202.D	01 Dec 2025 18:40		RC/JU	Ok
8	Q3719-10	SB-1125-15B	BP026203.D	01 Dec 2025 19:21		RC/JU	Ok
9	Q3716-01	MW5	BP026204.D	01 Dec 2025 20:02		RC/JU	Ok,M
10	Q3716-02	MW3	BP026205.D	01 Dec 2025 20:43		RC/JU	Ok

M : Manual Integration

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

Clean Up SOP #: N/A **Extraction Start Date :** 11/26/2025

Matrix : Water **Extraction Start Time :** 09:00

Weigh By: N/A **Extraction By:** RS **Extraction End Date :** 11/26/2025

Balance check: N/A **Filter By:** RS **Extraction End Time :** 14:00

Balance ID: N/A **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: E3953 **Hood ID:** 4,6,7 **Supervisor By :** RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standarded Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6895
Surrogate	1.0ML	100/150 PPM	SP6918
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	E3986
Baked Na2SO4	N/A	EP2663
H2SO4 1:1	N/A	EP2657
10N NaoH	N/A	EP2658
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

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

KD Bath ID: WATER BATH-1 **Envap ID:** NE VAP-02

KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/26/25	RS (Ext Lab)	RC / Rest PCB
14:05	Preparation Group	Analysis Group

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

Concentration Date: 11/26/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170743BL	SBLK743	SVOCMS Group1	1000	6	Evelyn	ritesh	1			SEP-1
PB170743BS	SLCS743	SVOCMS Group1	1000	6	Evelyn	ritesh	1			2
PB170743BS D	SLCSD743	SVOCMS Group1	1000	6	Evelyn	ritesh	1			3
Q3716-01	MW5	SVOCMS Group1	1000	6	Evelyn	ritesh	1	G		4
Q3716-02	MW3	SVOCMS Group1	990	6	Evelyn	ritesh	1	G		5

RS
11/26

130747
09:00

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3716 WorkList ID : 193354 Department : Extraction Date : 11-26-2025 08:53:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3716-01	MW5	Water	SVOCMS Group1	Cool 4 deg C	GENV01	E22	11/24/2025	8270E
Q3716-02	MW3	Water	SVOCMS Group1	Cool 4 deg C	GENV01	E22	11/24/2025	8270E

Date/Time 11/26/25 8:55
Raw Sample Received by: RS (EX-96)
Raw Sample Relinquished by: SM

Date/Time 11/26/25 9:25
Raw Sample Received by: SM
Raw Sample Relinquished by: RS (EX-96)

LAB CHRONICLE

OrderID:	Q3716	OrderDate:	11/24/2025 2:47:03 PM
Client:	G Environmental	Project:	Adoni
Contact:	Gary Landis	Location:	E22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3716-01	MW5	Water	SVOCMS Group1	8270E	11/24/25	11/26/25	12/01/25	11/24/25
Q3716-02	MW3	Water	SVOCMS Group1	8270E	11/24/25	11/26/25	12/01/25	11/24/25