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

Hit Summary Sheet
SW-846

SDG No.: Q3494

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW3									
Q3494-01	MW3	WATER	Bis(2-ethylhexyl)phthalate		4.700	J	1.6	5.2	ug/L
			Total Svoc :				**4.70**		
Q3494-01	MW3	WATER	Chloroacetic acid, tetradecyl este	*	4.700	J	0	0	ug/L
Q3494-01	MW3	WATER	Hexane, 3,3-dimethyl-	*	6.500	J	0	0	ug/L
Q3494-01	MW3	WATER	n-Hexadecanoic acid	*	28.400	J	0	0	ug/L
Q3494-01	MW3	WATER	Octadecanoic acid	*	22.600	J	0	0	ug/L
Q3494-01	MW3	WATER	Pentane, 2,3,4-trimethyl-	*	4.200	J	0	0	ug/L
Q3494-01	MW3	WATER	Benzoic acid, p-tert-butyl-	*	4.100	J	0	0	ug/L
Q3494-01	MW3	WATER	Benzophenone	*	5.900	J	0	0	ug/L
			Total Tics :				**76.40**		
			Total Concentration:				**81.10**		

SAMPLE DATA

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

Client:	G Environmental	Date Collected:	10/29/25
Project:	Communipaw	Date Received:	10/30/25
Client Sample ID:	MW3	SDG No.:	Q3494
Lab Sample ID:	Q3494-01	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	970 mL Final Vol: 1000 uL	Test:	SVOCMS Group2
Prep Method :	3510C Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.00	U	1	4.00	10.3	ug/L	11/03/25 15:32	PB170346
111-44-4	bis(2-Chloroethyl)ether	0.84	U	1	0.84	5.20	ug/L	11/03/25 15:32	PB170346
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.20	ug/L	11/03/25 15:32	PB170346
98-86-2	Acetophenone	0.76	U	1	0.76	5.20	ug/L	11/03/25 15:32	PB170346
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.60	ug/L	11/03/25 15:32	PB170346
67-72-1	Hexachloroethane	0.67	U	1	0.67	5.20	ug/L	11/03/25 15:32	PB170346
98-95-3	Nitrobenzene	0.78	U	1	0.78	5.20	ug/L	11/03/25 15:32	PB170346
78-59-1	Isophorone	0.77	U	1	0.77	5.20	ug/L	11/03/25 15:32	PB170346
111-91-1	bis(2-Chloroethoxy)methane	0.70	U	1	0.70	5.20	ug/L	11/03/25 15:32	PB170346
91-20-3	Naphthalene	0.52	U	1	0.52	5.20	ug/L	11/03/25 15:32	PB170346
106-47-8	4-Chloroaniline	0.87	UQ	1	0.87	5.20	ug/L	11/03/25 15:32	PB170346
87-68-3	Hexachlorobutadiene	0.56	U	1	0.56	5.20	ug/L	11/03/25 15:32	PB170346
105-60-2	Caprolactam	1.20	U	1	1.20	10.3	ug/L	11/03/25 15:32	PB170346
91-57-6	2-Methylnaphthalene	0.58	U	1	0.58	5.20	ug/L	11/03/25 15:32	PB170346
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.3	ug/L	11/03/25 15:32	PB170346
92-52-4	1,1-Biphenyl	0.55	U	1	0.55	5.20	ug/L	11/03/25 15:32	PB170346
91-58-7	2-Chloronaphthalene	0.63	U	1	0.63	5.20	ug/L	11/03/25 15:32	PB170346
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.20	ug/L	11/03/25 15:32	PB170346
131-11-3	Dimethylphthalate	0.63	U	1	0.63	5.20	ug/L	11/03/25 15:32	PB170346
208-96-8	Acenaphthylene	0.77	U	1	0.77	5.20	ug/L	11/03/25 15:32	PB170346
606-20-2	2,6-Dinitrotoluene	0.95	U	1	0.95	5.20	ug/L	11/03/25 15:32	PB170346
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.20	ug/L	11/03/25 15:32	PB170346
83-32-9	Acenaphthene	0.57	U	1	0.57	5.20	ug/L	11/03/25 15:32	PB170346
132-64-9	Dibenzofuran	0.63	U	1	0.63	5.20	ug/L	11/03/25 15:32	PB170346
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.20	ug/L	11/03/25 15:32	PB170346
84-66-2	Diethylphthalate	0.71	U	1	0.71	5.20	ug/L	11/03/25 15:32	PB170346
7005-72-3	4-Chlorophenyl-phenylether	0.70	U	1	0.70	5.20	ug/L	11/03/25 15:32	PB170346
86-73-7	Fluorene	0.65	U	1	0.65	5.20	ug/L	11/03/25 15:32	PB170346
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.20	ug/L	11/03/25 15:32	PB170346
86-30-6	n-Nitrosodiphenylamine	0.60	U	1	0.60	5.20	ug/L	11/03/25 15:32	PB170346
101-55-3	4-Bromophenyl-phenylether	0.41	U	1	0.41	5.20	ug/L	11/03/25 15:32	PB170346
118-74-1	Hexachlorobenzene	0.54	U	1	0.54	5.20	ug/L	11/03/25 15:32	PB170346
1912-24-9	Atrazine	1.00	U	1	1.00	5.20	ug/L	11/03/25 15:32	PB170346
85-01-8	Phenanthrene	0.52	U	1	0.52	5.20	ug/L	11/03/25 15:32	PB170346
120-12-7	Anthracene	0.63	U	1	0.63	5.20	ug/L	11/03/25 15:32	PB170346
86-74-8	Carbazole	0.74	U	1	0.74	5.20	ug/L	11/03/25 15:32	PB170346
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.20	ug/L	11/03/25 15:32	PB170346
206-44-0	Fluoranthene	0.85	U	1	0.85	5.20	ug/L	11/03/25 15:32	PB170346
129-00-0	Pyrene	0.52	U	1	0.52	5.20	ug/L	11/03/25 15:32	PB170346
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.20	ug/L	11/03/25 15:32	PB170346
91-94-1	3,3-Dichlorobenzidine	0.96	UQ	1	0.96	10.3	ug/L	11/03/25 15:32	PB170346
56-55-3	Benzo(a)anthracene	0.46	U	1	0.46	5.20	ug/L	11/03/25 15:32	PB170346

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental			Date Collected:	10/29/25
Project:	Communipaw			Date Received:	10/30/25
Client Sample ID:	MW3			SDG No.:	Q3494
Lab Sample ID:	Q3494-01			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	970 mL	Final Vol:	1000 uL	Test:	SVOCMS Group2
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
218-01-9	Chrysene	0.45	U	1	0.45	5.20	ug/L	11/03/25 15:32	PB170346
117-81-7	Bis(2-ethylhexyl)phthalate	4.70	J	1	1.60	5.20	ug/L	11/03/25 15:32	PB170346
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.3	ug/L	11/03/25 15:32	PB170346
205-99-2	Benzo(b)fluoranthene	0.51	U	1	0.51	5.20	ug/L	11/03/25 15:32	PB170346
207-08-9	Benzo(k)fluoranthene	0.49	U	1	0.49	5.20	ug/L	11/03/25 15:32	PB170346
50-32-8	Benzo(a)pyrene	0.57	U	1	0.57	5.20	ug/L	11/03/25 15:32	PB170346
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	1	0.61	5.20	ug/L	11/03/25 15:32	PB170346
53-70-3	Dibenzo(a,h)anthracene	0.69	U	1	0.69	5.20	ug/L	11/03/25 15:32	PB170346
191-24-2	Benzo(g,h,i)perylene	0.71	U	1	0.71	5.20	ug/L	11/03/25 15:32	PB170346
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	1	0.54	5.20	ug/L	11/03/25 15:32	PB170346
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.20	ug/L	11/03/25 15:32	PB170346
SURROGATES									
4165-60-0	Nitrobenzene-d5	76.3			30 (67) - 130 (132)	76%	SPK: 100		
321-60-8	2-Fluorobiphenyl	68.8			30 (52) - 130 (132)	69%	SPK: 100		
1718-51-0	Terphenyl-d14	77.0			30 (42) - 130 (152)	77%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	338000							
1146-65-2	Naphthalene-d8	1370000							
15067-26-2	Acenaphthene-d10	860000							
1517-22-2	Phenanthrene-d10	1700000							
1719-03-5	Chrysene-d12	1820000							
1520-96-3	Perylene-d12	2090000							
TENTATIVE IDENTIFIED COMPOUNDS									
000565-75-3	Pentane, 2,3,4-trimethyl-	4.20	J			3.71	ug/L		
000563-16-6	Hexane, 3,3-dimethyl-	6.50	J			3.80	ug/L		
000098-73-7	Benzoic acid, p-tert-butyl-	4.10	J			14.1	ug/L		
000119-61-9	Benzophenone	5.90	J			15.7	ug/L		
000057-10-3	n-Hexadecanoic acid	28.4	J			18.1	ug/L		
018277-86-6	Chloroacetic acid, tetradecyl este	4.70	J			19.3	ug/L		
000057-11-4	Octadecanoic acid	22.6	J			19.4	ug/L		

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

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

QC SUMMARY

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

SW-846

SDG No.: Q3494

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170346BL	PB170346BL	2-Fluorophenol	150	128	85		15 (23)	110 (138)
		Phenol-d6	150	122	81		15 (10)	110 (134)
		Nitrobenzene-d5	100	85.9	86		30 (67)	130 (132)
		2-Fluorobiphenyl	100	83.0	83		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	129	86		15 (44)	110 (137)
		Terphenyl-d14	100	87.1	87		30 (42)	130 (152)
PB170346BS	PB170346BS	2-Fluorophenol	150	119	79		15 (23)	110 (138)
		Phenol-d6	150	118	79		15 (10)	110 (134)
		Nitrobenzene-d5	100	79.6	80		30 (67)	130 (132)
		2-Fluorobiphenyl	100	74.9	75		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	123	82		15 (44)	110 (137)
		Terphenyl-d14	100	77.6	78		30 (42)	130 (152)
PB170346BSD	PB170346BSD	2-Fluorophenol	150	121	81		15 (23)	110 (138)
		Phenol-d6	150	120	80		15 (10)	110 (134)
		Nitrobenzene-d5	100	80.8	81		30 (67)	130 (132)
		2-Fluorobiphenyl	100	74.0	74		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	126	84		15 (44)	110 (137)
		Terphenyl-d14	100	79.6	80		30 (42)	130 (152)
Q3494-01	MW3	2-Fluorophenol	150	54.3	36		15 (23)	110 (138)
		Phenol-d6	150	36.4	24		15 (10)	110 (134)
		Nitrobenzene-d5	100	76.3	76		30 (67)	130 (132)
		2-Fluorobiphenyl	100	68.8	69		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	140	94		15 (44)	110 (137)
		Terphenyl-d14	100	77.0	77		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3494 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP026057.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170346BS	Benzaldehyde	50	31.5	ug/L	63				20 (10)	160 (162)	
	bis(2-Chloroethyl)ether	50	39.3	ug/L	79				70 (62)	130 (103)	
	2,2-oxybis(1-Chloropropane)	50	39.2	ug/L	78				70 (65)	130 (100)	
	Acetophenone	50	45.3	ug/L	91				70 (60)	130 (104)	
	N-Nitroso-di-n-propylamine	50	40.4	ug/L	81				70 (57)	130 (107)	
	Hexachloroethane	50	39.8	ug/L	80				20 (76)	160 (118)	
	Nitrobenzene	50	42.1	ug/L	84				70 (58)	130 (106)	
	Isophorone	50	41.2	ug/L	82				70 (61)	130 (102)	
	bis(2-Chloroethoxy)methane	50	41.5	ug/L	83				70 (58)	130 (109)	
	Naphthalene	50	40.0	ug/L	80				70 (64)	130 (107)	
	4-Chloroaniline	50	26.1	ug/L	52		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	39.5	ug/L	79				70 (69)	130 (101)	
	Caprolactam	50	42.6	ug/L	85				20 (58)	160 (128)	
	2-Methylnaphthalene	50	36.6	ug/L	73				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	110	ug/L	110				20 (36)	160 (160)	
	1,1-Biphenyl	50	45.1	ug/L	90				70 (72)	130 (98)	
	2-Chloronaphthalene	50	40.1	ug/L	80				70 (59)	130 (106)	
	2-Nitroaniline	50	43.1	ug/L	86				70 (73)	130 (114)	
	Dimethylphthalate	50	42.3	ug/L	85				70 (64)	130 (103)	
	Acenaphthylene	50	47.6	ug/L	95				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	46.9	ug/L	94				70 (64)	130 (110)	
	3-Nitroaniline	50	33.5	ug/L	67		*		70 (28)	130 (100)	
	Acenaphthene	50	44.6	ug/L	89				70 (59)	130 (113)	
	Dibenzofuran	50	41.0	ug/L	82				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	45.6	ug/L	91				70 (60)	130 (115)	
	Diethylphthalate	50	42.3	ug/L	85				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	40.1	ug/L	80				70 (61)	130 (104)	
	Fluorene	50	41.1	ug/L	82				70 (64)	130 (107)	
	4-Nitroaniline	50	46.1	ug/L	92				70 (55)	130 (125)	
	N-Nitrosodiphenylamine	50	43.5	ug/L	87				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	42.6	ug/L	85				70 (73)	130 (103)	
	Hexachlorobenzene	50	41.5	ug/L	83				70 (73)	130 (106)	
	Atrazine	50	46.3	ug/L	93				70 (76)	130 (120)	
	Phenanthrene	50	41.4	ug/L	83				70 (62)	130 (109)	
	Anthracene	50	42.7	ug/L	85				70 (65)	130 (110)	
	Carbazole	50	43.3	ug/L	87				70 (62)	130 (106)	
	Di-n-butylphthalate	50	44.2	ug/L	88				70 (64)	130 (106)	
	Fluoranthene	50	41.4	ug/L	83				70 (64)	130 (110)	
	Pyrene	50	42.2	ug/L	84				70 (71)	130 (103)	
	Butylbenzylphthalate	50	45.0	ug/L	90				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	33.1	ug/L	66		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	42.1	ug/L	84				70 (62)	130 (107)	
	Chrysene	50	41.3	ug/L	83				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	42.6	ug/L	85				70 (59)	130 (110)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3494 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP026057.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170346BS	Di-n-octyl phthalate	50	48.0	ug/L	96				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	43.6	ug/L	87				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	43.6	ug/L	87				70 (77)	130 (105)	
	Benzo(a)pyrene	50	45.8	ug/L	92				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	44.0	ug/L	88				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	44.6	ug/L	89				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	45.2	ug/L	90				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	43.1	ug/L	86				70 (72)	130 (101)	
	1,4-Dioxane	50	33.2	ug/L	66				20 (38)	160 (125)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3494 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP026058.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170346BSD	Benzaldehyde	50	31.6	ug/L	63	0			20 (10)	160 (162)	20 (20)
	bis(2-Chloroethyl)ether	50	39.6	ug/L	79	1			70 (62)	130 (103)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	40.0	ug/L	80	2			70 (65)	130 (100)	20 (20)
	Acetophenone	50	44.9	ug/L	90	1			70 (60)	130 (104)	20 (20)
	N-Nitroso-di-n-propylamine	50	42.1	ug/L	84	4			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	41.1	ug/L	82	3			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	42.5	ug/L	85	1			70 (58)	130 (106)	20 (20)
	Isophorone	50	41.5	ug/L	83	1			70 (61)	130 (102)	20 (20)
	bis(2-Chloroethoxy)methane	50	41.9	ug/L	84	1			70 (58)	130 (109)	20 (20)
	Naphthalene	50	40.3	ug/L	81	1			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	25.1	ug/L	50	4	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	39.7	ug/L	79	1			70 (69)	130 (101)	20 (20)
	Caprolactam	50	43.5	ug/L	87	2			20 (58)	160 (128)	20 (20)
	2-Methylnaphthalene	50	37.4	ug/L	75	2			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	120	ug/L	120	9			20 (36)	160 (160)	20 (20)
	1,1-Biphenyl	50	45.4	ug/L	91	1			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	40.6	ug/L	81	1			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	44.1	ug/L	88	2			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	42.9	ug/L	86	1			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	47.2	ug/L	94	1			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	47.3	ug/L	95	1			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	33.4	ug/L	67	0	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	39.6	ug/L	79	12			70 (59)	130 (113)	20 (20)
	Dibenzofuran	50	40.3	ug/L	81	2			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	46.2	ug/L	92	1			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	43.1	ug/L	86	2			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	39.6	ug/L	79	1			70 (61)	130 (104)	20 (20)
	Fluorene	50	40.9	ug/L	82	0			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	44.9	ug/L	90	3			70 (55)	130 (125)	20 (20)
	N-Nitrosodiphenylamine	50	43.3	ug/L	87	0			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	42.0	ug/L	84	1			70 (73)	130 (103)	20 (20)
	Hexachlorobenzene	50	41.0	ug/L	82	1			70 (73)	130 (106)	20 (20)
	Atrazine	50	46.9	ug/L	94	1			70 (76)	130 (120)	20 (20)
	Phenanthrene	50	40.5	ug/L	81	2			70 (62)	130 (109)	20 (20)
	Anthracene	50	42.3	ug/L	85	1			70 (65)	130 (110)	20 (20)
	Carbazole	50	42.4	ug/L	85	2			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	44.5	ug/L	89	1			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	41.0	ug/L	82	1			70 (64)	130 (110)	20 (20)
	Pyrene	50	42.8	ug/L	86	1			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	46.8	ug/L	94	4			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	34.8	ug/L	70	5			70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	42.2	ug/L	84	0			70 (62)	130 (107)	20 (20)
	Chrysene	50	42.1	ug/L	84	2			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	46.0	ug/L	92	8			70 (59)	130 (110)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3494 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP026058.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170346BSD	Di-n-octyl phthalate	50	51.0	ug/L	102	6			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	43.8	ug/L	88	0			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	44.1	ug/L	88	1			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	46.2	ug/L	92	1			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	44.4	ug/L	89	1			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	45.0	ug/L	90	1			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	45.8	ug/L	92	1			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	43.6	ug/L	87	1			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	32.4	ug/L	65	2			20 (38)	160 (125)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170346BL

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3494

Lab File ID: BP026056.D | Lab Sample ID: PB170346BL

Instrument ID: BNA_P | Date Extracted: 10/31/2025

Matrix: (soil/water) Water | Date Analyzed: 11/03/2025

Level: (low/med) LOW | Time Analyzed: 13:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170346BS	PB170346BS	BP026057.D	11/03/2025
PB170346BSD	PB170346BSD	BP026058.D	11/03/2025
MW3	Q3494-01	BP026059.D	11/03/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3494

Lab File ID: BP026027.D DFTPP Injection Date: 10/29/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:45

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	32.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
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	6.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	75
443	15.0 - 24.0% of mass 442	14.4 (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	BP026028.D	10/29/2025	09:26
SSTDICC005	SSTDICC005	BP026029.D	10/29/2025	10:07
SSTDICC010	SSTDICC010	BP026030.D	10/29/2025	10:48
SSTDICC020	SSTDICC020	BP026031.D	10/29/2025	11:29
SSTDICCC040	SSTDICCC040	BP026032.D	10/29/2025	12:10
SSTDICC050	SSTDICC050	BP026033.D	10/29/2025	12:51
SSTDICC060	SSTDICC060	BP026034.D	10/29/2025	13:32
SSTDICC080	SSTDICC080	BP026035.D	10/29/2025	14:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3494

Lab File ID: BP026052.D DFTPP Injection Date: 11/03/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:08

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	34
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.5
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	3.3
441	Present, but less than mass 443	11.4
442	Greater than 50% of mass 198	72
443	15.0 - 24.0% of mass 442	14.1 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP026053.D	11/03/2025	11:06
PB170346BL	PB170346BL	BP026056.D	11/03/2025	13:21
PB170346BS	PB170346BS	BP026057.D	11/03/2025	14:03
PB170346BSD	PB170346BSD	BP026058.D	11/03/2025	14:44
MW3	Q3494-01	BP026059.D	11/03/2025	15:32

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3494

Client ID : SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BP026053.D Time Analyzed: 11:06

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	297452	7.649	1230690	10.43	771148	14.30
	UPPER LIMIT	594904	8.149	2461380	10.925	1542300	14.801
	LOWER LIMIT	148726	7.149	615345	9.925	385574	13.801
	EPA SAMPLE NO.						
01	PB170346BL	300167	7.65	1149840	10.43	696390	14.31
02	PB170346BS	413469	7.68	1637380	10.45	1028880	14.31
03	PB170346BSD	395071	7.68	1598020	10.45	1009230	14.31
04	MW3	338089	7.68	1368250	10.44	860067	14.31

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3494

Client ID: SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BP026053.D Time Analyzed: 11:06

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	1552560	17.125	1613820	21.572	1763250	24.877
	UPPER LIMIT	3105120	17.625	3227640	22.072	3526500	25.377
	LOWER LIMIT	776280	16.625	806910	21.072	881625	24.377
	EPA SAMPLE NO.						
01	PB170346BL	1482450	17.11	1619680	21.58	1773680	24.90
02	PB170346BS	2027300	17.13	2076510	21.57	2253080	24.90
03	PB170346BSD	2008990	17.12	2004620	21.58	2129530	24.90
04	MW3	1701640	17.12	1818940	21.57	2087660	24.89

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:	Communipaw			Date Received:	
Client Sample ID:	PB170346BL			SDG No.:	Q3494
Lab Sample ID:	PB170346BL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOCMS Group2
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/03/25 13:21	PB170346
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/03/25 13:21	PB170346
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/03/25 13:21	PB170346
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/03/25 13:21	PB170346
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/03/25 13:21	PB170346
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/03/25 13:21	PB170346
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/03/25 13:21	PB170346
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/03/25 13:21	PB170346
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/03/25 13:21	PB170346
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/03/25 13:21	PB170346
106-47-8	4-Chloroaniline	0.84	U	1	0.84	5.00	ug/L	11/03/25 13:21	PB170346
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/03/25 13:21	PB170346
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/03/25 13:21	PB170346
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/03/25 13:21	PB170346
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/03/25 13:21	PB170346
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/03/25 13:21	PB170346
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/03/25 13:21	PB170346
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/03/25 13:21	PB170346
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/03/25 13:21	PB170346
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/03/25 13:21	PB170346
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/03/25 13:21	PB170346
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/03/25 13:21	PB170346
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/03/25 13:21	PB170346
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/03/25 13:21	PB170346
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/03/25 13:21	PB170346
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/03/25 13:21	PB170346
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/03/25 13:21	PB170346
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/03/25 13:21	PB170346
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/03/25 13:21	PB170346
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/03/25 13:21	PB170346
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/03/25 13:21	PB170346
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/03/25 13:21	PB170346
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/03/25 13:21	PB170346
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/03/25 13:21	PB170346
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/03/25 13:21	PB170346
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/03/25 13:21	PB170346
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/03/25 13:21	PB170346
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/03/25 13:21	PB170346
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/03/25 13:21	PB170346
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/03/25 13:21	PB170346
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/03/25 13:21	PB170346
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/03/25 13:21	PB170346

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Communipaw			Date Received:	
Client Sample ID:	PB170346BL			SDG No.:	Q3494
Lab Sample ID:	PB170346BL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOCMS Group2
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/03/25 13:21	PB170346
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/03/25 13:21	PB170346
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/03/25 13:21	PB170346
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/03/25 13:21	PB170346
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/03/25 13:21	PB170346
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/03/25 13:21	PB170346
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/03/25 13:21	PB170346
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/03/25 13:21	PB170346
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/03/25 13:21	PB170346
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/03/25 13:21	PB170346
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/03/25 13:21	PB170346
SURROGATES									
4165-60-0	Nitrobenzene-d5	85.9			30 (67) - 130 (132)	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	83.0			30 (52) - 130 (132)	83%	SPK: 100		
1718-51-0	Terphenyl-d14	87.1			30 (42) - 130 (152)	87%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	300000							
1146-65-2	Naphthalene-d8	1150000							
15067-26-2	Acenaphthene-d10	696000							
1517-22-2	Phenanthrene-d10	1480000							
1719-03-5	Chrysene-d12	1620000							
1520-96-3	Perylene-d12	1770000							

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:	Communipaw			Date Received:	
Client Sample ID:	PB170346BS			SDG No.:	Q3494
Lab Sample ID:	PB170346BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOCMS Group2
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	31.5		1	3.90	10.0	ug/L	11/03/25 14:03	PB170346
111-44-4	bis(2-Chloroethyl)ether	39.3		1	0.81	5.00	ug/L	11/03/25 14:03	PB170346
108-60-1	2,2-oxybis(1-Chloropropane)	39.2		1	1.30	5.00	ug/L	11/03/25 14:03	PB170346
98-86-2	Acetophenone	45.3		1	0.74	5.00	ug/L	11/03/25 14:03	PB170346
621-64-7	n-Nitroso-di-n-propylamine	40.4		1	1.40	2.50	ug/L	11/03/25 14:03	PB170346
67-72-1	Hexachloroethane	39.8		1	0.65	5.00	ug/L	11/03/25 14:03	PB170346
98-95-3	Nitrobenzene	42.1		1	0.76	5.00	ug/L	11/03/25 14:03	PB170346
78-59-1	Isophorone	41.2		1	0.75	5.00	ug/L	11/03/25 14:03	PB170346
111-91-1	bis(2-Chloroethoxy)methane	41.5		1	0.68	5.00	ug/L	11/03/25 14:03	PB170346
91-20-3	Naphthalene	40.0		1	0.50	5.00	ug/L	11/03/25 14:03	PB170346
106-47-8	4-Chloroaniline	26.1		1	0.84	5.00	ug/L	11/03/25 14:03	PB170346
87-68-3	Hexachlorobutadiene	39.5		1	0.54	5.00	ug/L	11/03/25 14:03	PB170346
105-60-2	Caprolactam	42.6		1	1.10	10.0	ug/L	11/03/25 14:03	PB170346
91-57-6	2-Methylnaphthalene	36.6		1	0.56	5.00	ug/L	11/03/25 14:03	PB170346
77-47-4	Hexachlorocyclopentadiene	110	E	1	3.60	10.0	ug/L	11/03/25 14:03	PB170346
92-52-4	1,1-Biphenyl	45.1		1	0.53	5.00	ug/L	11/03/25 14:03	PB170346
91-58-7	2-Chloronaphthalene	40.1		1	0.61	5.00	ug/L	11/03/25 14:03	PB170346
88-74-4	2-Nitroaniline	43.1		1	1.30	5.00	ug/L	11/03/25 14:03	PB170346
131-11-3	Dimethylphthalate	42.3		1	0.61	5.00	ug/L	11/03/25 14:03	PB170346
208-96-8	Acenaphthylene	47.6		1	0.75	5.00	ug/L	11/03/25 14:03	PB170346
606-20-2	2,6-Dinitrotoluene	46.9		1	0.92	5.00	ug/L	11/03/25 14:03	PB170346
99-09-2	3-Nitroaniline	33.5		1	1.10	5.00	ug/L	11/03/25 14:03	PB170346
83-32-9	Acenaphthene	44.6		1	0.55	5.00	ug/L	11/03/25 14:03	PB170346
132-64-9	Dibenzofuran	41.0		1	0.61	5.00	ug/L	11/03/25 14:03	PB170346
121-14-2	2,4-Dinitrotoluene	45.6		1	1.20	5.00	ug/L	11/03/25 14:03	PB170346
84-66-2	Diethylphthalate	42.3		1	0.69	5.00	ug/L	11/03/25 14:03	PB170346
7005-72-3	4-Chlorophenyl-phenylether	40.1		1	0.68	5.00	ug/L	11/03/25 14:03	PB170346
86-73-7	Fluorene	41.1		1	0.63	5.00	ug/L	11/03/25 14:03	PB170346
100-01-6	4-Nitroaniline	46.1		1	1.50	5.00	ug/L	11/03/25 14:03	PB170346
86-30-6	n-Nitrosodiphenylamine	43.5		1	0.58	5.00	ug/L	11/03/25 14:03	PB170346
101-55-3	4-Bromophenyl-phenylether	42.6		1	0.40	5.00	ug/L	11/03/25 14:03	PB170346
118-74-1	Hexachlorobenzene	41.5		1	0.52	5.00	ug/L	11/03/25 14:03	PB170346
1912-24-9	Atrazine	46.3		1	1.00	5.00	ug/L	11/03/25 14:03	PB170346
85-01-8	Phenanthrene	41.4		1	0.50	5.00	ug/L	11/03/25 14:03	PB170346
120-12-7	Anthracene	42.7		1	0.61	5.00	ug/L	11/03/25 14:03	PB170346
86-74-8	Carbazole	43.3		1	0.72	5.00	ug/L	11/03/25 14:03	PB170346
84-74-2	Di-n-butylphthalate	44.2		1	1.20	5.00	ug/L	11/03/25 14:03	PB170346
206-44-0	Fluoranthene	41.4		1	0.82	5.00	ug/L	11/03/25 14:03	PB170346
129-00-0	Pyrene	42.2		1	0.50	5.00	ug/L	11/03/25 14:03	PB170346
85-68-7	Butylbenzylphthalate	45.0		1	1.90	5.00	ug/L	11/03/25 14:03	PB170346
91-94-1	3,3-Dichlorobenzidine	33.1		1	0.93	10.0	ug/L	11/03/25 14:03	PB170346
56-55-3	Benzo(a)anthracene	42.1		1	0.45	5.00	ug/L	11/03/25 14:03	PB170346

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Communipaw			Date Received:	
Client Sample ID:	PB170346BS			SDG No.:	Q3494
Lab Sample ID:	PB170346BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOCMS Group2
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
218-01-9	Chrysene	41.3		1	0.44	5.00	ug/L	11/03/25 14:03	PB170346
117-81-7	Bis(2-ethylhexyl)phthalate	42.6		1	1.60	5.00	ug/L	11/03/25 14:03	PB170346
117-84-0	Di-n-octyl phthalate	48.0		1	2.30	10.0	ug/L	11/03/25 14:03	PB170346
205-99-2	Benzo(b)fluoranthene	43.6		1	0.49	5.00	ug/L	11/03/25 14:03	PB170346
207-08-9	Benzo(k)fluoranthene	43.6		1	0.48	5.00	ug/L	11/03/25 14:03	PB170346
50-32-8	Benzo(a)pyrene	45.8		1	0.55	5.00	ug/L	11/03/25 14:03	PB170346
193-39-5	Indeno(1,2,3-cd)pyrene	44.0		1	0.59	5.00	ug/L	11/03/25 14:03	PB170346
53-70-3	Dibenzo(a,h)anthracene	44.6		1	0.67	5.00	ug/L	11/03/25 14:03	PB170346
191-24-2	Benzo(g,h,i)perylene	45.2		1	0.69	5.00	ug/L	11/03/25 14:03	PB170346
95-94-3	1,2,4,5-Tetrachlorobenzene	43.1		1	0.52	5.00	ug/L	11/03/25 14:03	PB170346
123-91-1	1,4-Dioxane	33.2		1	1.00	5.00	ug/L	11/03/25 14:03	PB170346
SURROGATES									
4165-60-0	Nitrobenzene-d5	79.6			30 (67) - 130 (132)	80%	SPK: 100		
321-60-8	2-Fluorobiphenyl	74.9			30 (52) - 130 (132)	75%	SPK: 100		
1718-51-0	Terphenyl-d14	77.6			30 (42) - 130 (152)	78%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	413000							
1146-65-2	Naphthalene-d8	1640000							
15067-26-2	Acenaphthene-d10	1030000							
1517-22-2	Phenanthrene-d10	2030000							
1719-03-5	Chrysene-d12	2080000							
1520-96-3	Perylene-d12	2250000							

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

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

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Communipaw			Date Received:	
Client Sample ID:	PB170346BSD			SDG No.:	Q3494
Lab Sample ID:	PB170346BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOCMS Group2
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	31.6		1	3.90	10.0	ug/L	11/03/25 14:44	PB170346
111-44-4	bis(2-Chloroethyl)ether	39.6		1	0.81	5.00	ug/L	11/03/25 14:44	PB170346
108-60-1	2,2-oxybis(1-Chloropropane)	40.0		1	1.30	5.00	ug/L	11/03/25 14:44	PB170346
98-86-2	Acetophenone	44.9		1	0.74	5.00	ug/L	11/03/25 14:44	PB170346
621-64-7	n-Nitroso-di-n-propylamine	42.1		1	1.40	2.50	ug/L	11/03/25 14:44	PB170346
67-72-1	Hexachloroethane	41.1		1	0.65	5.00	ug/L	11/03/25 14:44	PB170346
98-95-3	Nitrobenzene	42.5		1	0.76	5.00	ug/L	11/03/25 14:44	PB170346
78-59-1	Isophorone	41.5		1	0.75	5.00	ug/L	11/03/25 14:44	PB170346
111-91-1	bis(2-Chloroethoxy)methane	41.9		1	0.68	5.00	ug/L	11/03/25 14:44	PB170346
91-20-3	Naphthalene	40.3		1	0.50	5.00	ug/L	11/03/25 14:44	PB170346
106-47-8	4-Chloroaniline	25.1		1	0.84	5.00	ug/L	11/03/25 14:44	PB170346
87-68-3	Hexachlorobutadiene	39.7		1	0.54	5.00	ug/L	11/03/25 14:44	PB170346
105-60-2	Caprolactam	43.5		1	1.10	10.0	ug/L	11/03/25 14:44	PB170346
91-57-6	2-Methylnaphthalene	37.4		1	0.56	5.00	ug/L	11/03/25 14:44	PB170346
77-47-4	Hexachlorocyclopentadiene	120	E	1	3.60	10.0	ug/L	11/03/25 14:44	PB170346
92-52-4	1,1-Biphenyl	45.4		1	0.53	5.00	ug/L	11/03/25 14:44	PB170346
91-58-7	2-Chloronaphthalene	40.6		1	0.61	5.00	ug/L	11/03/25 14:44	PB170346
88-74-4	2-Nitroaniline	44.1		1	1.30	5.00	ug/L	11/03/25 14:44	PB170346
131-11-3	Dimethylphthalate	42.9		1	0.61	5.00	ug/L	11/03/25 14:44	PB170346
208-96-8	Acenaphthylene	47.2		1	0.75	5.00	ug/L	11/03/25 14:44	PB170346
606-20-2	2,6-Dinitrotoluene	47.3		1	0.92	5.00	ug/L	11/03/25 14:44	PB170346
99-09-2	3-Nitroaniline	33.4		1	1.10	5.00	ug/L	11/03/25 14:44	PB170346
83-32-9	Acenaphthene	39.6		1	0.55	5.00	ug/L	11/03/25 14:44	PB170346
132-64-9	Dibenzofuran	40.3		1	0.61	5.00	ug/L	11/03/25 14:44	PB170346
121-14-2	2,4-Dinitrotoluene	46.2		1	1.20	5.00	ug/L	11/03/25 14:44	PB170346
84-66-2	Diethylphthalate	43.1		1	0.69	5.00	ug/L	11/03/25 14:44	PB170346
7005-72-3	4-Chlorophenyl-phenylether	39.6		1	0.68	5.00	ug/L	11/03/25 14:44	PB170346
86-73-7	Fluorene	40.9		1	0.63	5.00	ug/L	11/03/25 14:44	PB170346
100-01-6	4-Nitroaniline	44.9		1	1.50	5.00	ug/L	11/03/25 14:44	PB170346
86-30-6	n-Nitrosodiphenylamine	43.3		1	0.58	5.00	ug/L	11/03/25 14:44	PB170346
101-55-3	4-Bromophenyl-phenylether	42.0		1	0.40	5.00	ug/L	11/03/25 14:44	PB170346
118-74-1	Hexachlorobenzene	41.0		1	0.52	5.00	ug/L	11/03/25 14:44	PB170346
1912-24-9	Atrazine	46.9		1	1.00	5.00	ug/L	11/03/25 14:44	PB170346
85-01-8	Phenanthrene	40.5		1	0.50	5.00	ug/L	11/03/25 14:44	PB170346
120-12-7	Anthracene	42.3		1	0.61	5.00	ug/L	11/03/25 14:44	PB170346
86-74-8	Carbazole	42.4		1	0.72	5.00	ug/L	11/03/25 14:44	PB170346
84-74-2	Di-n-butylphthalate	44.5		1	1.20	5.00	ug/L	11/03/25 14:44	PB170346
206-44-0	Fluoranthene	41.0		1	0.82	5.00	ug/L	11/03/25 14:44	PB170346
129-00-0	Pyrene	42.8		1	0.50	5.00	ug/L	11/03/25 14:44	PB170346
85-68-7	Butylbenzylphthalate	46.8		1	1.90	5.00	ug/L	11/03/25 14:44	PB170346
91-94-1	3,3-Dichlorobenzidine	34.8		1	0.93	10.0	ug/L	11/03/25 14:44	PB170346
56-55-3	Benzo(a)anthracene	42.2		1	0.45	5.00	ug/L	11/03/25 14:44	PB170346

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Communipaw			Date Received:	
Client Sample ID:	PB170346BSD			SDG No.:	Q3494
Lab Sample ID:	PB170346BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOCMS Group2
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
218-01-9	Chrysene	42.1		1	0.44	5.00	ug/L	11/03/25 14:44	PB170346
117-81-7	Bis(2-ethylhexyl)phthalate	46.0		1	1.60	5.00	ug/L	11/03/25 14:44	PB170346
117-84-0	Di-n-octyl phthalate	51.0		1	2.30	10.0	ug/L	11/03/25 14:44	PB170346
205-99-2	Benzo(b)fluoranthene	43.8		1	0.49	5.00	ug/L	11/03/25 14:44	PB170346
207-08-9	Benzo(k)fluoranthene	44.1		1	0.48	5.00	ug/L	11/03/25 14:44	PB170346
50-32-8	Benzo(a)pyrene	46.2		1	0.55	5.00	ug/L	11/03/25 14:44	PB170346
193-39-5	Indeno(1,2,3-cd)pyrene	44.4		1	0.59	5.00	ug/L	11/03/25 14:44	PB170346
53-70-3	Dibenzo(a,h)anthracene	45.0		1	0.67	5.00	ug/L	11/03/25 14:44	PB170346
191-24-2	Benzo(g,h,i)perylene	45.8		1	0.69	5.00	ug/L	11/03/25 14:44	PB170346
95-94-3	1,2,4,5-Tetrachlorobenzene	43.6		1	0.52	5.00	ug/L	11/03/25 14:44	PB170346
123-91-1	1,4-Dioxane	32.4		1	1.00	5.00	ug/L	11/03/25 14:44	PB170346
SURROGATES									
4165-60-0	Nitrobenzene-d5	80.8			30 (67) - 130 (132)	81%	SPK: 100		
321-60-8	2-Fluorobiphenyl	74.0			30 (52) - 130 (132)	74%	SPK: 100		
1718-51-0	Terphenyl-d14	79.6			30 (42) - 130 (152)	80%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	395000							
1146-65-2	Naphthalene-d8	1600000							
15067-26-2	Acenaphthene-d10	1010000							
1517-22-2	Phenanthrene-d10	2010000							
1719-03-5	Chrysene-d12	2000000							
1520-96-3	Perylene-d12	2130000							

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

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

CALIBRATION SUMMARY

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP026028.D 5 =BP026029.D 10 =BP026030.D 20 =BP026031.D 40 =BP026032.D 50 =BP026033.D 60 =BP026034.D 80 =BP0260
35.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.472	0.567	0.519	0.515	0.453	0.541	0.510	0.511	7.57
3)		Pyridine		1.330	1.538	1.488	1.481	1.304	1.552	1.475	1.453	6.69
4)		n-Nitrosodimet...			0.601	0.591	0.584	0.522	0.611	0.584	0.582	5.39
5)	S	2-Fluorophenol		1.055	1.255	1.234	1.249	1.123	1.318	1.250	1.212	7.44
6)		Aniline		1.893	2.157	2.117	2.112	1.885	2.158	2.091	2.059	5.76
7)	S	Phenol-d6		1.366	1.580	1.574	1.606	1.425	1.644	1.604	1.543	6.77
8)		2-Chlorophenol		1.116	1.354	1.356	1.403	1.262	1.478	1.426	1.342	8.97
9)		Benzaldehyde			0.856	0.937	0.809	0.670	0.796	0.744	0.802	11.45
10)	C	Phenol		1.542	1.771	1.750	1.773	1.568	1.823	1.761	1.713	6.44
11)		bis(2-Chloroet...		1.271	1.434	1.372	1.373	1.228	1.419	1.363	1.352	5.57
12)		1,3-Dichlorobe...		1.466	1.660	1.572	1.573	1.385	1.610	1.524	1.541	6.00
13)	C	1,4-Dichlorobe...		1.491	1.681	1.585	1.578	1.399	1.633	1.542	1.558	5.97
14)		1,2-Dichlorobe...		1.412	1.595	1.517	1.515	1.338	1.550	1.481	1.487	5.83
15)		Benzyl Alcohol			1.070	1.099	1.140	1.020	1.179	1.165	1.112	5.47
16)		2,2'-oxybis(1-...		1.978	2.210	2.102	2.099	1.846	2.083	1.982	2.043	5.75
17)		2-Methylphenol		0.958	1.129	1.145	1.175	1.057	1.210	1.176	1.121	7.75
18)		Hexachloroethane		0.481	0.562	0.535	0.552	0.490	0.568	0.546	0.533	6.49
19)	P	n-Nitroso-di-n...	0.795	0.894	1.013	1.016	1.027	0.904	1.025	0.986	0.958	8.83
20)		3+4-Methylphenols			1.521	1.557	1.613	1.430	1.646	1.595	1.560	4.96
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.481	0.548	0.519	0.518	0.455	0.525	0.494	0.506	6.14
23)	S	Nitrobenzene-d5		0.256	0.317	0.327	0.338	0.306	0.359	0.343	0.321	10.34
24)		Nitrobenzene		0.282	0.345	0.346	0.357	0.317	0.371	0.354	0.339	8.83
25)		Isophorone		0.606	0.721	0.705	0.720	0.632	0.730	0.693	0.687	7.03
26)	C	2-Nitrophenol		0.069	0.092	0.107	0.128	0.124			0.104	23.21
27)		2,4-Dimethylph...		0.243	0.306	0.281	0.302	0.269	0.315	0.305	0.289	8.90
28)		bis(2-Chloroet...		0.406	0.466	0.436	0.447	0.396	0.451	0.427	0.433	5.79
29)	C	2,4-Dichloroph...		0.241	0.302	0.308	0.327	0.292	0.340	0.324	0.305	10.75
30)		1,2,4-Trichlor...		0.306	0.361	0.337	0.339	0.301	0.347	0.328	0.331	6.52
31)		Naphthalene		1.039	1.181	1.121	1.115	0.978	1.137	1.063	1.091	6.28
32)		Benzoic acid			0.100	0.127	0.168	0.162	0.206	0.213	0.163	26.84
33)		4-Chloroaniline		0.374	0.440	0.427	0.437	0.384	0.445	0.427	0.419	6.80
34)	C	Hexachlorobuta...		0.198	0.231	0.209	0.216	0.190	0.222	0.207	0.211	6.70
35)		Caprolactam			0.099	0.103	0.113	0.099	0.116	0.112	0.107	6.98
36)	C	4-Chloro-3-met...		0.257	0.314	0.325	0.345	0.303	0.356	0.337	0.320	10.33
37)		2-Methylnaphth...		0.717	0.823	0.771	0.795	0.694	0.793	0.750	0.763	6.02
38)		1-Methylnaphth...		0.709	0.801	0.754	0.768	0.663	0.770	0.726	0.742	6.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.574	0.670	0.637	0.632	0.565	0.654	0.619	0.621	6.33
41)	P	Hexachlorocycl...		0.200	0.198	0.237	0.218	0.260	0.251	0.227	11.46
42)	S	2,4,6-Tribromo...	0.155	0.211	0.218	0.236	0.209	0.250	0.234	0.216	14.19
43)	C	2,4,6-Trichlor...	0.256	0.342	0.372	0.402	0.360	0.427	0.413	0.367	15.70
44)		2,4,5-Trichlor...	0.309	0.414	0.425	0.456	0.405	0.469	0.456	0.419	12.90
45)	S	2-Fluorobiphenyl	1.350	1.549	1.454	1.421	1.231	1.432	1.307	1.392	7.53
46)		1,1'-Biphenyl	1.454	1.673	1.577	1.560	1.378	1.585	1.493	1.531	6.36
47)		2-Chloronaphth...	1.130	1.304	1.248	1.229	1.090	1.253	1.180	1.205	6.23
48)		2-Nitroaniline	0.166	0.226	0.269	0.304	0.277	0.332	0.329	0.272	21.95
49)		Acenaphthylene	1.547	1.845	1.832	1.832	1.618	1.876	1.742	1.756	7.23
50)		Dimethylphthalate	1.282	1.574	1.491	1.522	1.323	1.554	1.438	1.455	7.81
51)		2,6-Dinitrotol...	0.142	0.196	0.234	0.264	0.245	0.294	0.287	0.237	22.61
52)	C	Acenaphthene	1.101	1.285	1.247	1.249	1.089	1.278	1.192	1.206	6.77
53)		3-Nitroaniline	0.177	0.254	0.296	0.324	0.295	0.351	0.342	0.291	20.65
54)	P	2,4-Dinitrophenol		0.069	0.082	0.100	0.096	0.123	0.126	0.100	22.44
55)		Dibenzofuran	1.725	1.997	1.886	1.869	1.614	1.884	1.776	1.822	6.94
56)	P	4-Nitrophenol		0.277	0.309	0.285	0.258	0.310	0.301	0.290	7.04
57)		2,4-Dinitrotol...	0.195	0.288	0.340	0.393	0.360	0.433	0.418	0.347	23.95
58)		Fluorene	1.347	1.621	1.501	1.450	1.260	1.492	1.319	1.427	8.77
59)		2,3,4,6-Tetrac...	0.223	0.303	0.332	0.364	0.328	0.386	0.370	0.330	16.67
60)		Diethylphthalate	1.240	1.570	1.484	1.549	1.350	1.591	1.454	1.463	8.74
61)		4-Chlorophenyl...	0.699	0.803	0.736	0.731	0.623	0.739	0.658	0.713	8.29
62)		4-Nitroaniline	0.207	0.294	0.328	0.342	0.298	0.368	0.339	0.311	16.92
63)		Azobenzene	1.206	1.475	1.365	1.379	1.188	1.387	1.279	1.325	7.90
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.053	0.065	0.076	0.075	0.096	0.096	0.077	22.06
66)	c	n-Nitrosodiphe...	0.574	0.678	0.641	0.647	0.567	0.659	0.611	0.625	6.80
67)		4-Bromophenyl-...	0.206	0.234	0.222	0.228	0.204	0.237	0.222	0.222	5.77
68)		Hexachlorobenzene	0.239	0.273	0.256	0.258	0.226	0.268	0.247	0.253	6.53
69)		Atrazine	0.177	0.213	0.221	0.219	0.193	0.239	0.216	0.211	9.57
70)	C	Pentachlorophenol		0.126	0.143	0.161	0.148	0.178	0.170	0.154	12.39
71)		Phenanthrene	1.133	1.288	1.209	1.189	1.031	1.195	1.105	1.164	7.12
72)		Anthracene	1.064	1.262	1.195	1.177	1.044	1.220	1.115	1.154	7.09
73)		Carbazole	0.985	1.172	1.164	1.129	0.969	1.148	1.078	1.092	7.74
74)		Di-n-butylphth...	0.937	1.219	1.241	1.333	1.196	1.378	1.252	1.222	11.57
75)	C	Fluoranthene	1.259	1.469	1.426	1.411	1.224	1.422	1.295	1.358	7.09
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.411	0.508	0.517	0.451	0.598	0.560	0.508	13.50
78)		Pyrene	1.201	1.488	1.395	1.427	1.217	1.431	1.310	1.353	8.25
79)	S	Terphenyl-d14	0.953	1.125	1.013	1.014	0.860	1.019	0.908	0.984	8.77
80)		Butylbenzylpht...	0.235	0.337	0.407	0.496	0.468	0.559	0.520	0.432	26.44
81)		Benzo(a)anthra...	1.279	1.497	1.407	1.420	1.224	1.443	1.350	1.374	6.97
82)		3,3'-Dichlorob...		0.390	0.424	0.462	0.416	0.497	0.467	0.443	8.87
83)		Chrysene	1.210	1.424	1.348	1.345	1.169	1.349	1.268	1.302	6.92
84)		Bis(2-ethylhex...	0.453	0.613	0.690	0.829	0.768	0.866	0.808	0.718	20.27
85)	c	Di-n-octyl pht...		0.822	1.025	1.287	1.238	1.407	1.364	1.191	18.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.190	1.491	1.538	1.563	1.369	1.629	1.555	1.477	10.15
88)		Benzo(b)fluora...	1.074	1.277	1.278	1.306	1.149	1.345	1.262	1.242	7.67
89)		Benzo(k)fluora...	1.119	1.365	1.306	1.331	1.141	1.347	1.267	1.268	7.86
90)	C	Benzo(a)pyrene	0.941	1.169	1.171	1.210	1.054	1.253	1.186	1.141	9.38
91)		Dibenzo(a,h)an...	0.978	1.219	1.249	1.274	1.117	1.320	1.255	1.202	9.72
92)		Benzo(g,h,i)pe...	0.966	1.167	1.219	1.212	1.068	1.259	1.204	1.156	8.92

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3494

Instrument ID: BNA_P Calibration Date/Time: 11/03/2025 11:06

Lab File ID: BP026053.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.212	1.217		0.4	
Benzaldehyde	0.802	0.703		-12.3	
Phenol-d6	1.543	1.579		2.3	
bis(2-Chloroethyl)ether	1.352	1.405		3.9	
2,2-oxybis(1-Chloropropane)	2.043	2.143		4.9	
Acetophenone	0.506	0.516		2.0	
n-Nitroso-di-n-propylamine	0.958	1.020	0.050	6.5	
Nitrobenzene-d5	0.321	0.336		4.7	
Hexachloroethane	0.533	0.534		0.2	
Nitrobenzene	0.339	0.351		3.5	
Isophorone	0.687	0.709		3.2	
bis(2-Chloroethoxy)methane	0.433	0.442		2.1	
Naphthalene	1.091	1.101		0.9	
4-Chloroaniline	0.419	0.430		2.6	
Hexachlorobutadiene	0.211	0.207		-1.9	20.0
Caprolactam	0.107	0.108		0.9	
2-Methylnaphthalene	0.763	0.765		0.3	
Hexachlorocyclopentadiene	0.227	0.232	0.050	2.2	
2-Fluorobiphenyl	1.392	1.389		-0.2	
1,1-Biphenyl	1.531	1.559		1.8	
2-Chloronaphthalene	1.205	1.213		0.7	
2-Nitroaniline	0.272	0.298		9.6	
Dimethylphthalate	1.455	1.469		1.0	
Acenaphthylene	1.756	1.802		2.6	
2,6-Dinitrotoluene	0.237	0.261		10.1	
3-Nitroaniline	0.291	0.328		12.7	
Acenaphthene	1.206	1.235		2.4	20.0
Dibenzofuran	1.822	1.828		0.3	
2,4-Dinitrotoluene	0.347	0.392		13.0	
Diethylphthalate	1.463	1.489		1.8	
4-Chlorophenyl-phenylether	0.713	0.723		1.4	
Fluorene	1.427	1.458		2.2	
4-Nitroaniline	0.311	0.349		12.2	
n-Nitrosodiphenylamine	0.625	0.635		1.6	20.0
2,4,6-Tribromophenol	0.216	0.215		-0.5	
4-Bromophenyl-phenylether	0.222	0.225		1.4	
Hexachlorobenzene	0.253	0.250		-1.2	
Atrazine	0.211	0.209		-0.9	
Phenanthrene	1.164	1.162		-0.2	

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3494

Instrument ID: BNA_P Calibration Date/Time: 11/03/2025 11:06

Lab File ID: BP026053.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.154	1.174		1.7	
Carbazole	1.092	1.126		3.1	
Di-n-butylphthalate	1.222	1.248		2.1	
Fluoranthene	1.358	1.380		1.6	20.0
Pyrene	1.353	1.388		2.6	
Terphenyl-d14	0.984	1.002		1.8	
Butylbenzylphthalate	0.432	0.480		11.1	
3,3-Dichlorobenzidine	0.443	0.455		2.7	
Benzo(a)anthracene	1.374	1.402		2.0	
Chrysene	1.302	1.324		1.7	
Bis(2-ethylhexyl)phthalate	0.718	0.765		6.5	
Di-n-octyl phthalate	1.191	1.230		3.3	20.0
Benzo(b)fluoranthene	1.242	1.277		2.8	
Benzo(k)fluoranthene	1.268	1.281		1.0	
Benzo(a)pyrene	1.141	1.181		3.5	20.0
Indeno(1,2,3-cd)pyrene	1.476	1.531		3.7	
Dibenzo(a,h)anthracene	1.202	1.240		3.2	
Benzo(g,h,i)perylene	1.156	1.186		2.6	
1,2,4,5-Tetrachlorobenzene	0.621	0.614		-1.1	
1,4-Dioxane	0.511	0.528		3.3	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Time: Nov 03 15:52:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	338089	20.000	ng	0.00
21) Naphthalene-d8	10.442	136	1368250	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	860067	20.000	ng	0.00
64) Phenanthrene-d10	17.118	188	1701642	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1818937	20.000	ng	0.00
86) Perylene-d12	24.889	264	2087664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.301	112	1112958	54.320	ng	0.00
7) Phenol-d6	6.854	99	948116	36.356	ng	0.00
23) Nitrobenzene-d5	8.819	82	1675513	76.339	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	1305825	140.439	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4116008	68.767	ng	0.00
79) Terphenyl-d14	19.865	244	6889410	76.952	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.518	149	148716	4.516	ng	# 95

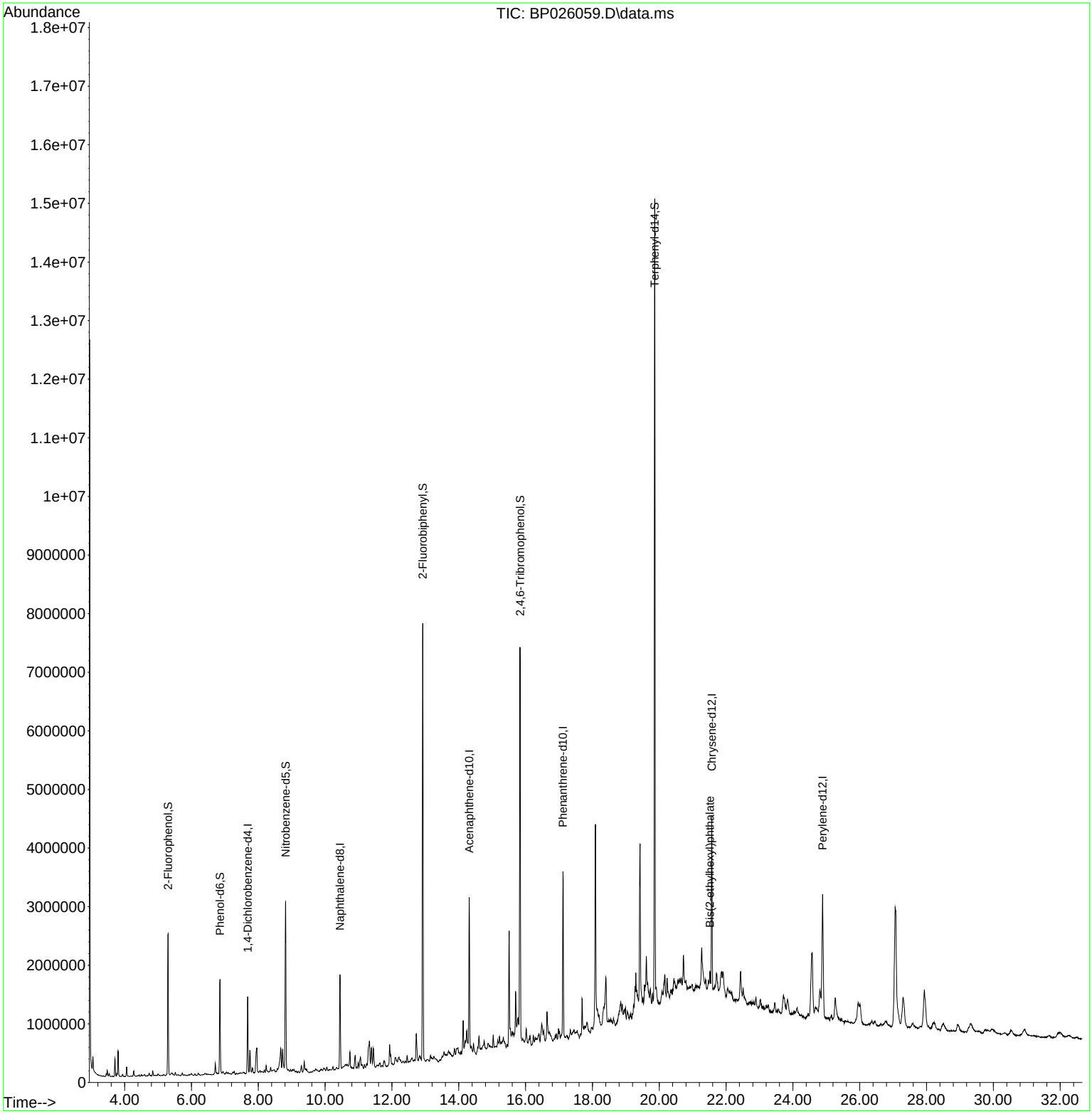
(#) = qualifier out of range (m) = manual integration (+) = signals summed

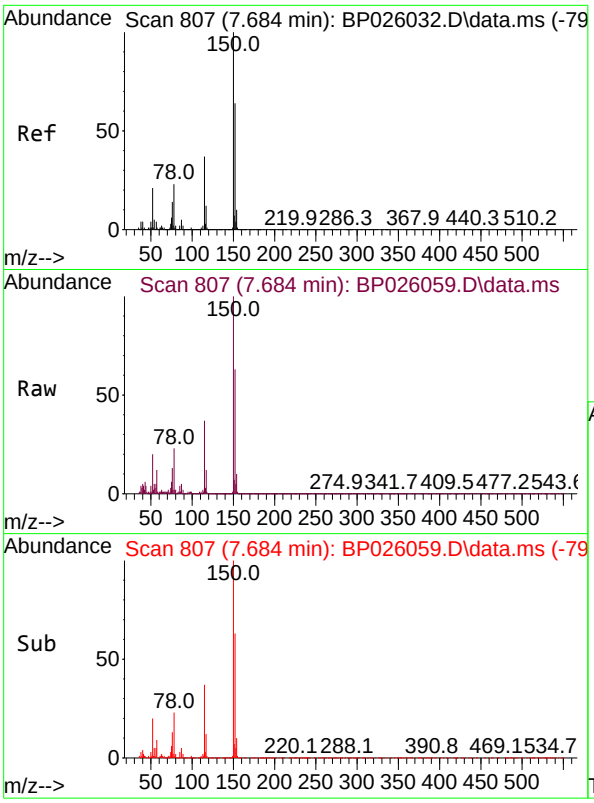
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Time: Nov 03 15:52:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



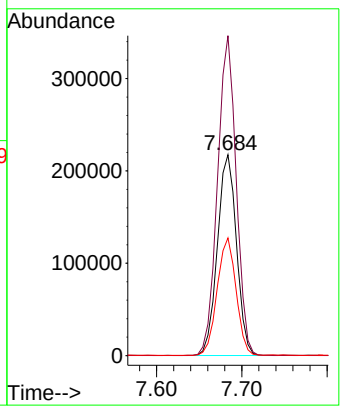


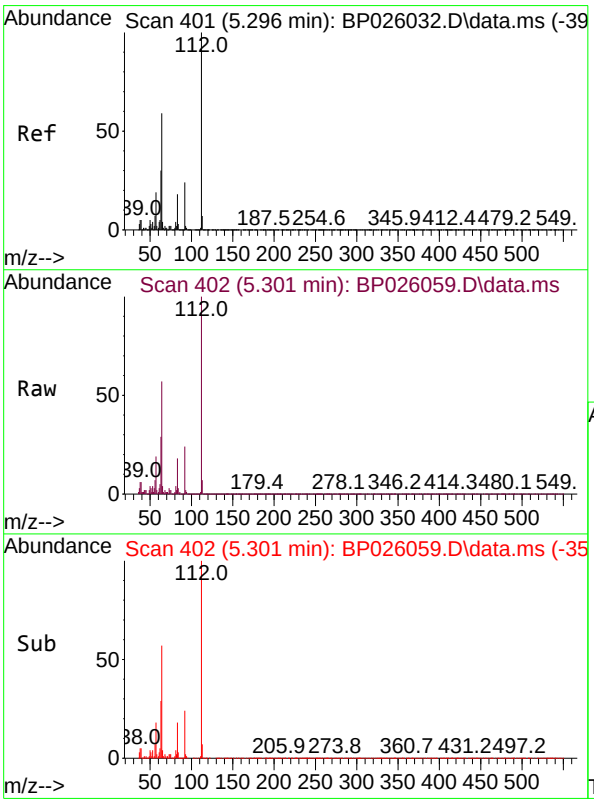
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Instrument :
BNA_P
ClientSampleId :
MW3

Tgt Ion:152 Resp: 338089

Ion	Ratio	Lower	Upper
152	100		
150	159.3	125.7	188.5
115	58.6	46.4	69.6

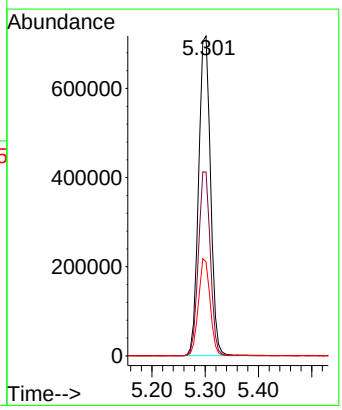


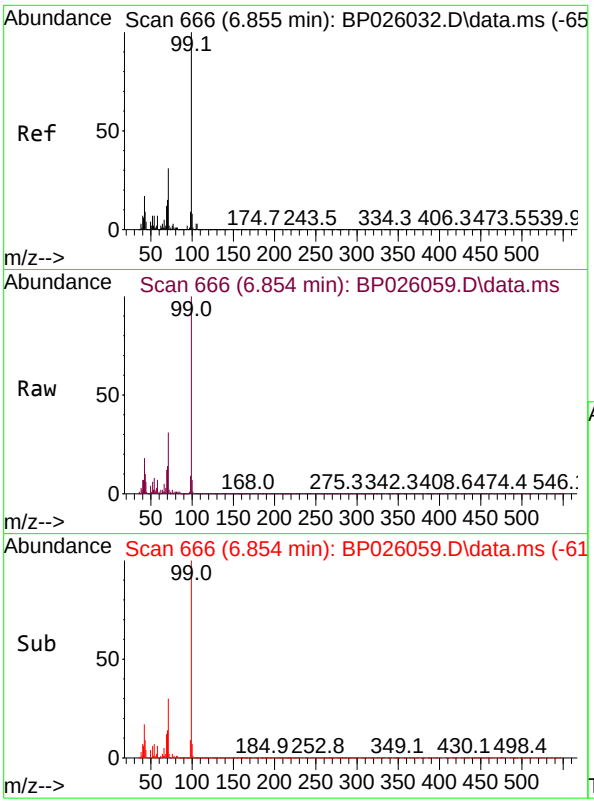


#5
2-Fluorophenol
Concen: 54.320 ng
RT: 5.301 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Tgt Ion:112 Resp: 1112958

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.4	71.2
63	29.4	24.2	36.4



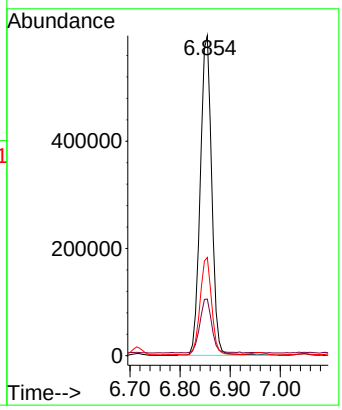


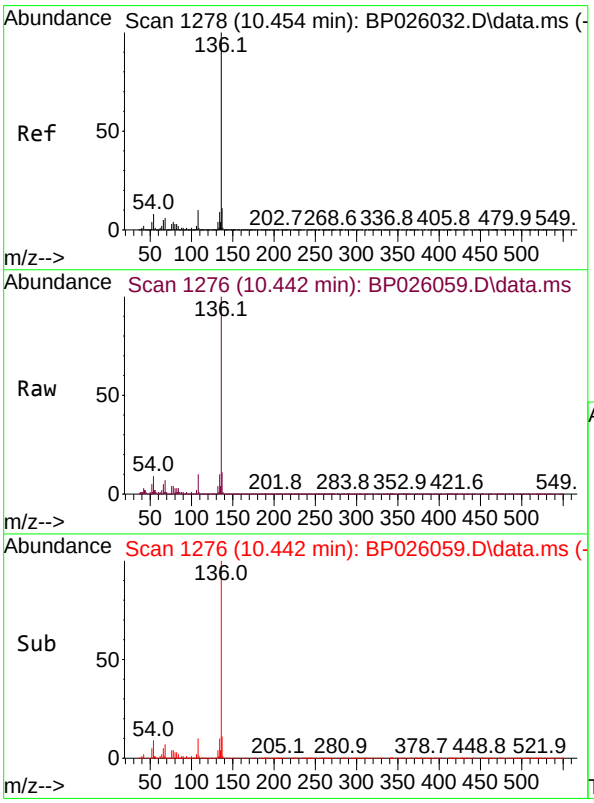
#7
Phenol-d6
Concen: 36.356 ng
RT: 6.854 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Instrument :
BNA_P
ClientSampleId :
MW3

Tgt Ion: 99 Resp: 948116

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.7	20.5
71	30.7	24.4	36.6

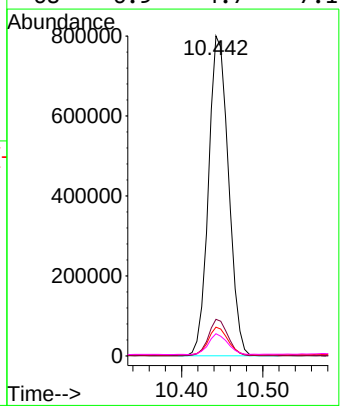


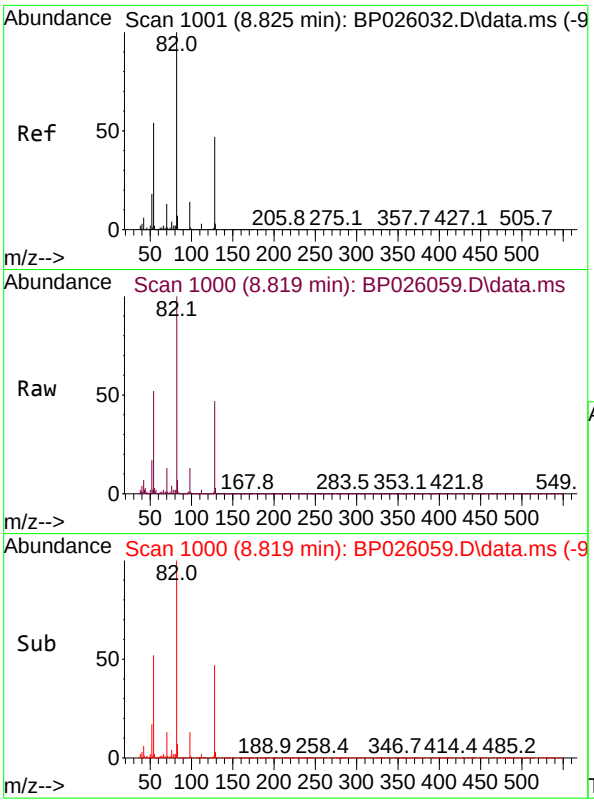


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.442 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Tgt Ion:136 Resp: 1368250

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.0	6.6	10.0
68	6.9	4.7	7.1



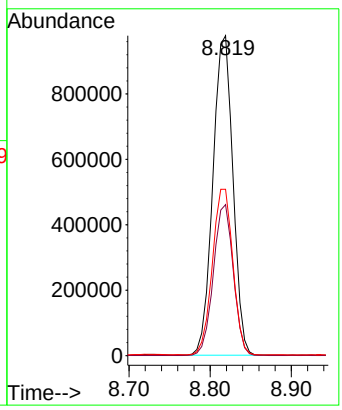


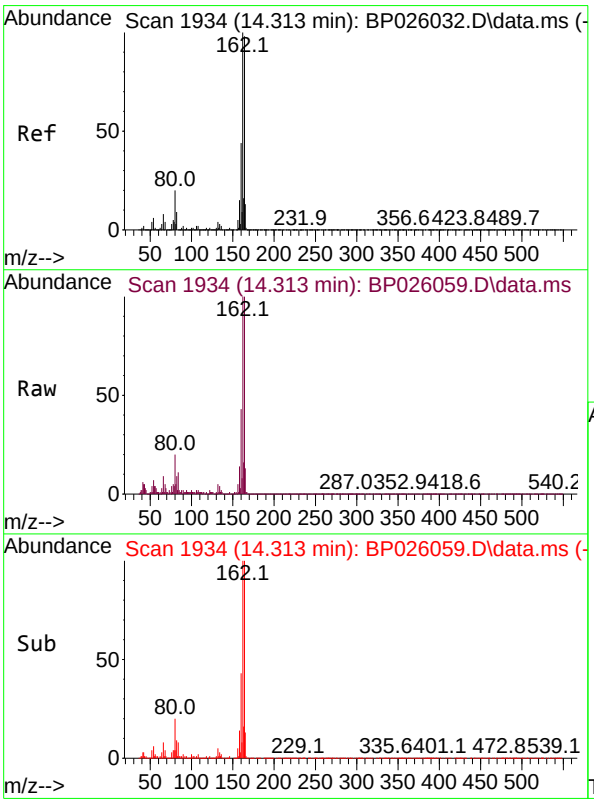
#23
Nitrobenzene-d5
Concen: 76.339 ng
RT: 8.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Instrument :
BNA_P
ClientSampleId :
MW3

Tgt Ion: 82 Resp: 1675513

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.4	56.0
54	52.0	42.7	64.1

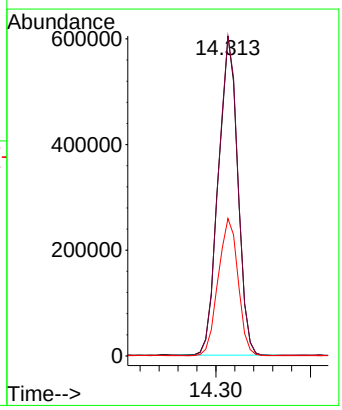


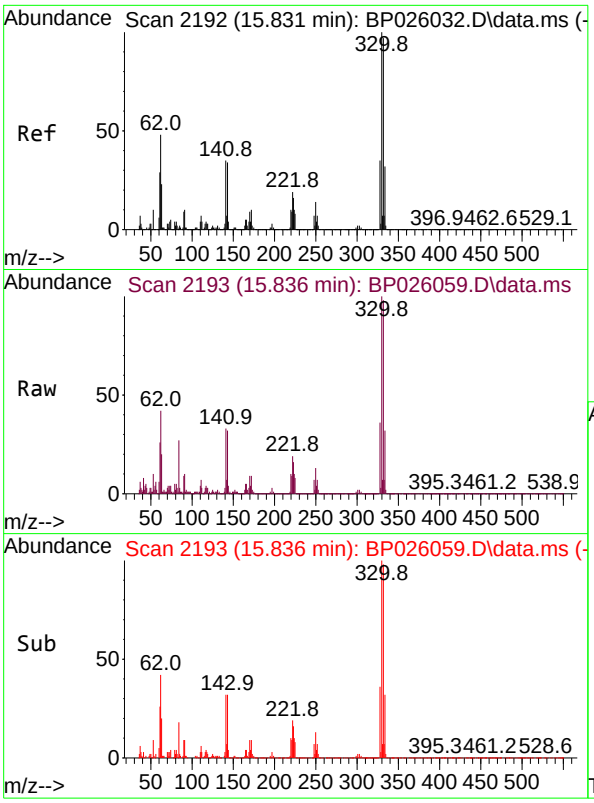


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Tgt Ion:164 Resp: 860067

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.5	122.3
160	43.0	36.2	54.4



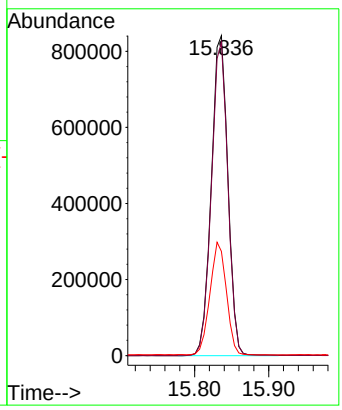


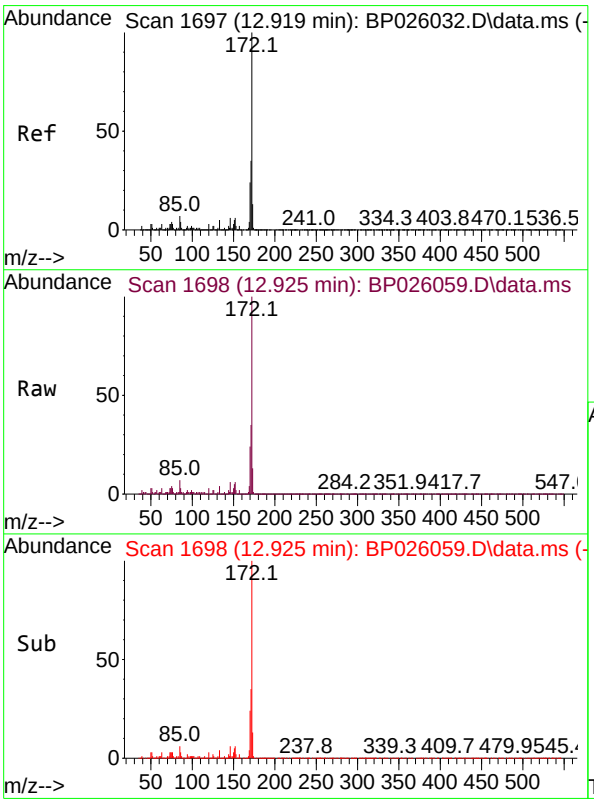
#42
2,4,6-Tribromophenol
Concen: 140.439 ng
RT: 15.836 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Instrument :
BNA_P
ClientSampleId :
MW3

Tgt Ion:330 Resp: 1305825

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	34.7	28.6	42.8

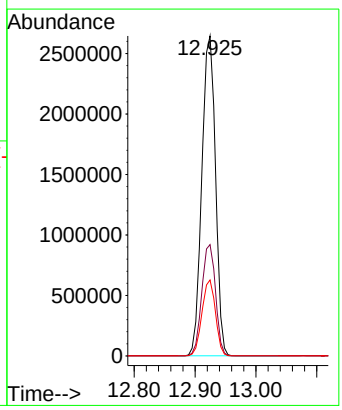


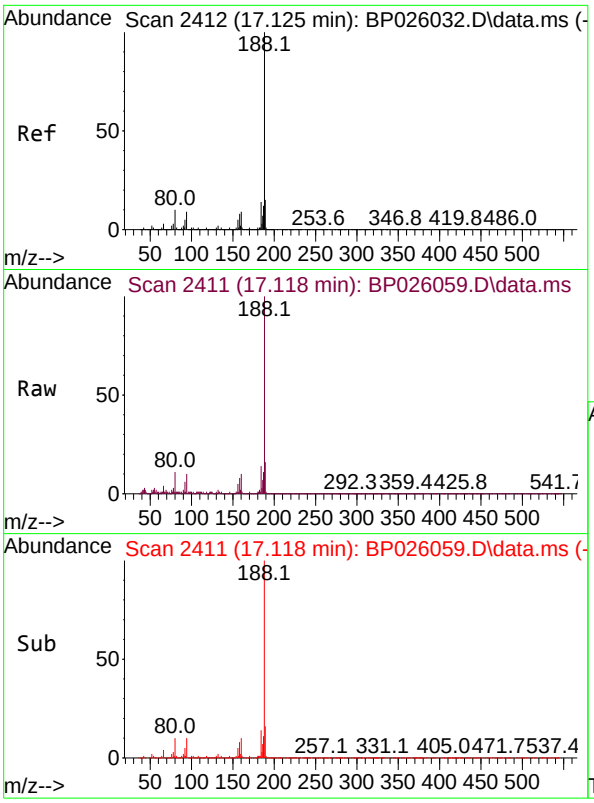


#45
2-Fluorobiphenyl
Concen: 68.767 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Tgt Ion:172 Resp: 4116008

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.9	41.9
170	23.7	19.0	28.4



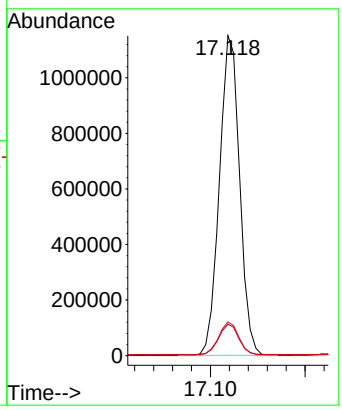


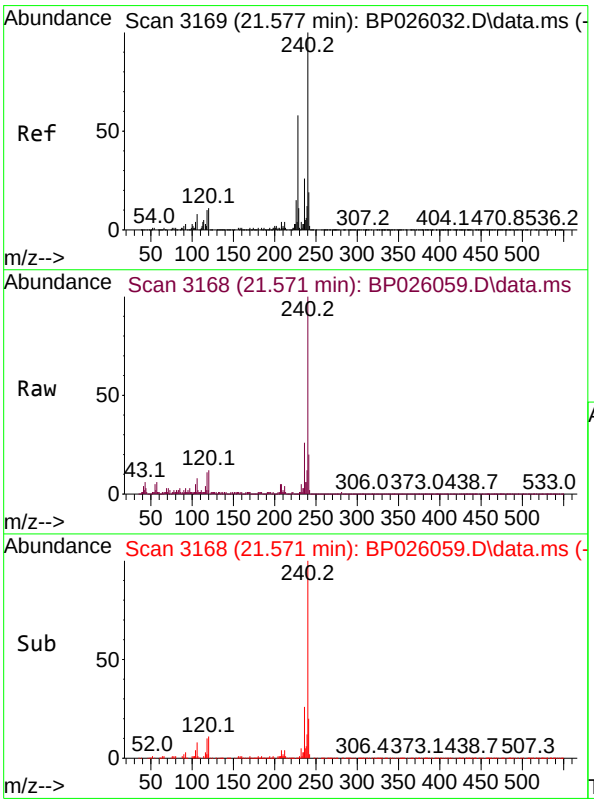
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.118 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Instrument :
BNA_P
ClientSampleId :
MW3

Tgt Ion:188 Resp: 1701642

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.1	10.7
80	10.5	7.9	11.9

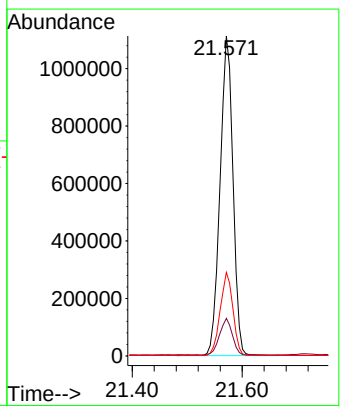


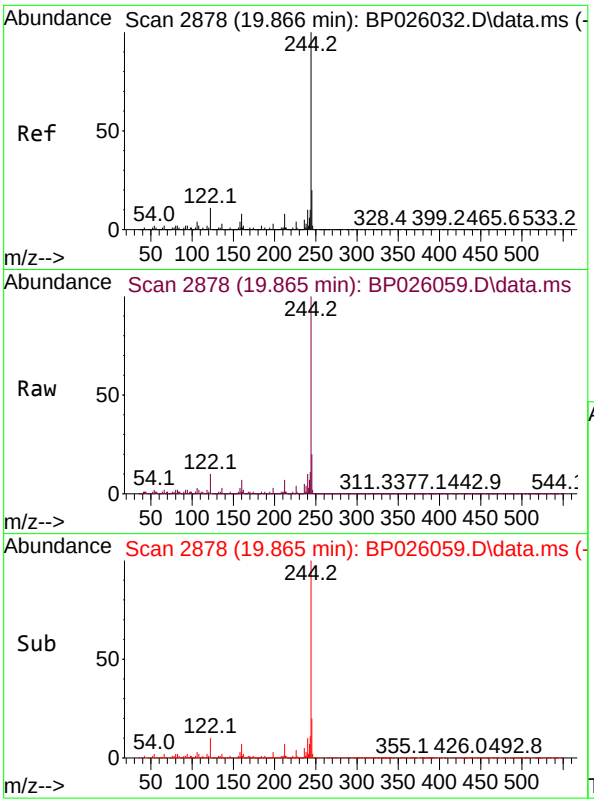


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3168
Delta R.T. 0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Tgt Ion:240 Resp: 1818937

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.9	13.3
236	26.1	20.6	31.0



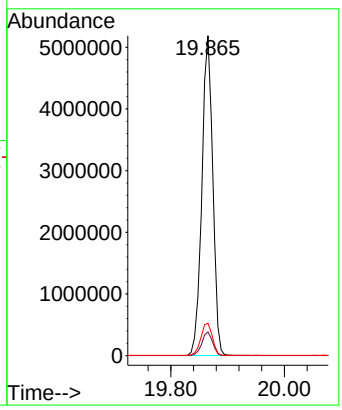


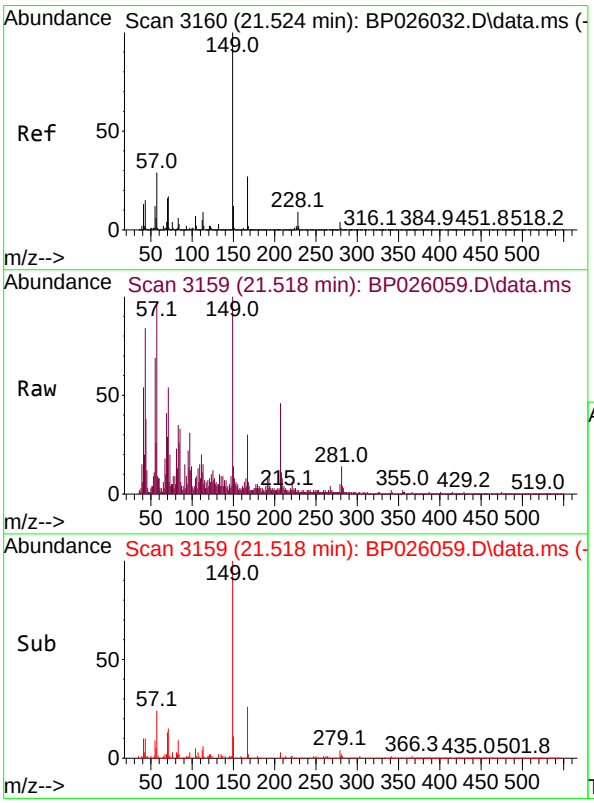
#79
Terphenyl-d14
Concen: 76.952 ng
RT: 19.865 min Scan# 28
Delta R.T. -0.000 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Instrument :
BNA_P
ClientSampleId :
MW3

Tgt Ion:244 Resp: 6889410

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.1	9.0	13.6

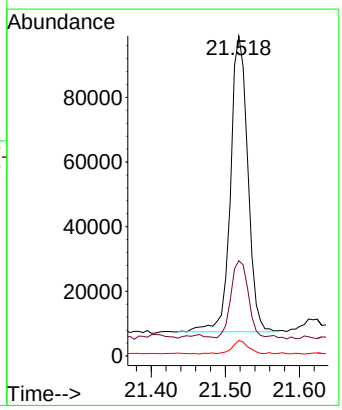


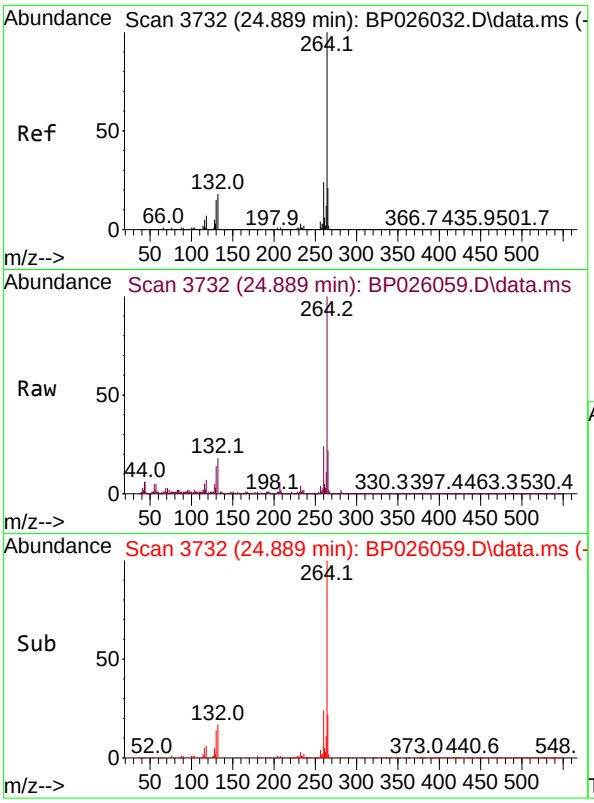


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.516 ng
RT: 21.518 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Tgt Ion:149 Resp: 148716

Ion	Ratio	Lower	Upper
149	100		
167	29.7	21.5	32.3
279	4.8	3.0	4.6#



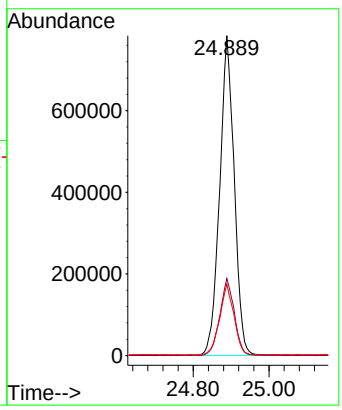


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Instrument :
BNA_P
ClientSampleId :
MW3

Tgt Ion:264 Resp: 2087664

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	22.4	17.2	25.8



LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026059.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.049	15	19	44	rVB	312899	782685	4.21%	0.664%
2	3.707	126	131	138	rBV	306922	426619	2.29%	0.362%
3	3.802	143	147	159	rVB	437856	662889	3.56%	0.562%
4	4.060	183	191	197	rBV	166150	240076	1.29%	0.204%
5	5.301	396	402	411	rVB	2408633	3733383	20.07%	3.165%
6	6.713	634	642	646	rBV	189568	326461	1.75%	0.277%
7	6.854	659	666	675	rBV	1610659	2613981	14.05%	2.216%
8	7.684	798	807	813	rBV	1315735	2097950	11.28%	1.779%
9	7.748	813	818	826	rVV	392713	667146	3.59%	0.566%
10	7.954	843	853	862	rBV2	428283	1131861	6.08%	0.960%
11	8.237	896	901	912	rBV	114938	217543	1.17%	0.184%
12	8.672	961	975	980	rBV2	366811	995528	5.35%	0.844%
13	8.731	980	985	992	rVV2	348890	695827	3.74%	0.590%
14	8.819	992	1000	1011	rVB	2886482	5083825	27.33%	4.310%
15	9.289	1073	1080	1086	rVB3	111964	220241	1.18%	0.187%
16	9.378	1086	1095	1098	rBV3	183392	324392	1.74%	0.275%
17	10.442	1270	1276	1285	rBV	1610985	2785002	14.97%	2.361%
18	10.742	1322	1327	1332	rVB2	271209	447601	2.41%	0.379%
19	10.901	1346	1354	1359	rBV4	225975	498122	2.68%	0.422%
20	11.060	1373	1381	1386	rBV3	174709	437602	2.35%	0.371%
21	11.325	1416	1426	1431	rBV2	418799	1284277	6.90%	1.089%
22	11.389	1432	1437	1442	rVV4	319231	667716	3.59%	0.566%
23	11.442	1442	1446	1456	rVB3	321665	653207	3.51%	0.554%
24	11.931	1525	1529	1533	rBV	329631	539197	2.90%	0.457%
25	12.101	1553	1558	1563	rBV3	106295	283186	1.52%	0.240%
26	12.730	1660	1665	1675	rVB3	456067	921022	4.95%	0.781%
27	12.925	1691	1698	1712	rVB	7474306	11807293	63.47%	10.010%
28	14.130	1898	1903	1908	rBV	507566	773125	4.16%	0.655%
29	14.313	1929	1934	1941	rVB	2578564	3852970	20.71%	3.267%
30	14.442	1953	1956	1969	rVB	183450	405638	2.18%	0.344%
31	14.607	1980	1984	1990	rVB	229271	369933	1.99%	0.314%
32	15.030	2053	2056	2061	rVB	212062	299384	1.61%	0.254%
33	15.507	2131	2137	2142	rBV	1973779	3175724	17.07%	2.692%
34	15.701	2166	2170	2175	rBV	706820	1100042	5.91%	0.933%
35	15.830	2186	2192	2203	rVB2	6709552	10948091	58.85%	9.282%
36	16.642	2326	2330	2339	rBV3	424675	926867	4.98%	0.786%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.118	2406	2411	2420	rVB2	2824815	4275336	22.98%	3.625%
38	17.689	2504	2508	2516	rBV	616800	1078759	5.80%	0.915%
39	18.089	2570	2576	2585	rBV	3320958	5884619	31.63%	4.989%
40	19.301	2779	2782	2796	rVB3	487967	973679	5.23%	0.825%
41	19.424	2797	2803	2815	rVB	2707268	5119458	27.52%	4.340%
42	19.612	2833	2835	2840	rVB	493332	576736	3.10%	0.489%
43	19.865	2872	2878	2883	rBV	13647593	18602365	100.00%	15.771%
44	21.571	3163	3168	3174	rVB2	2968588	4677577	25.15%	3.966%
45	24.889	3725	3732	3745	rVB	2115798	5600634	30.11%	4.748%
46	27.059	4093	4101	4128	rVB	1988142	8768053	47.13%	7.433%

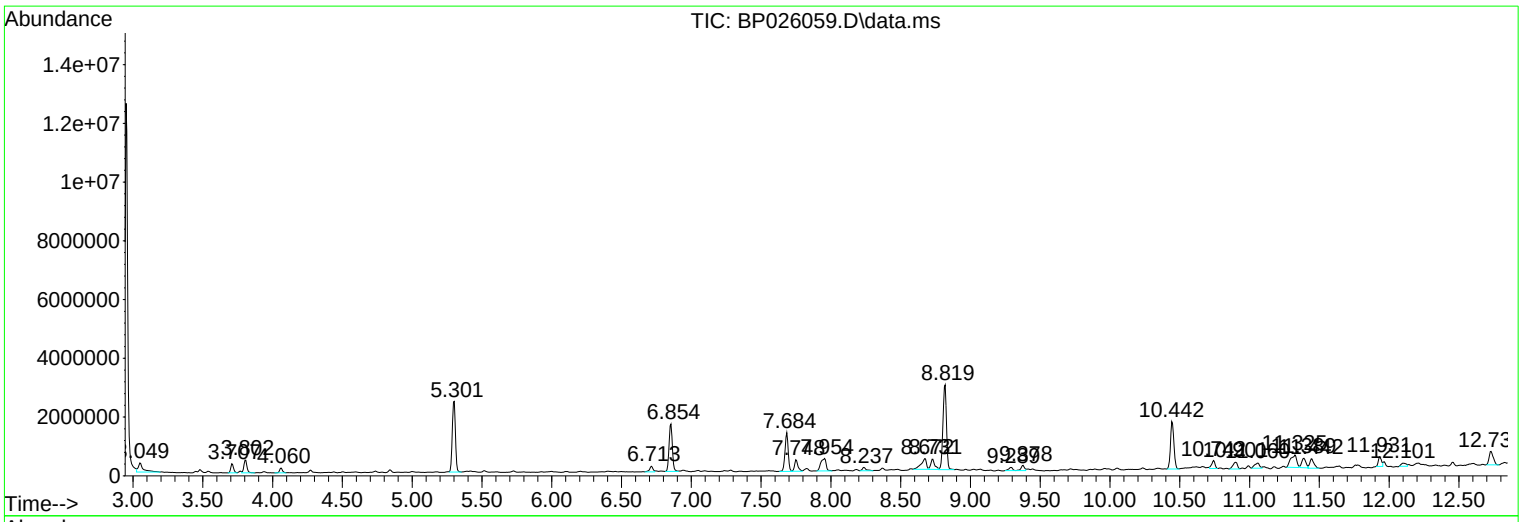
Sum of corrected areas: 117953622

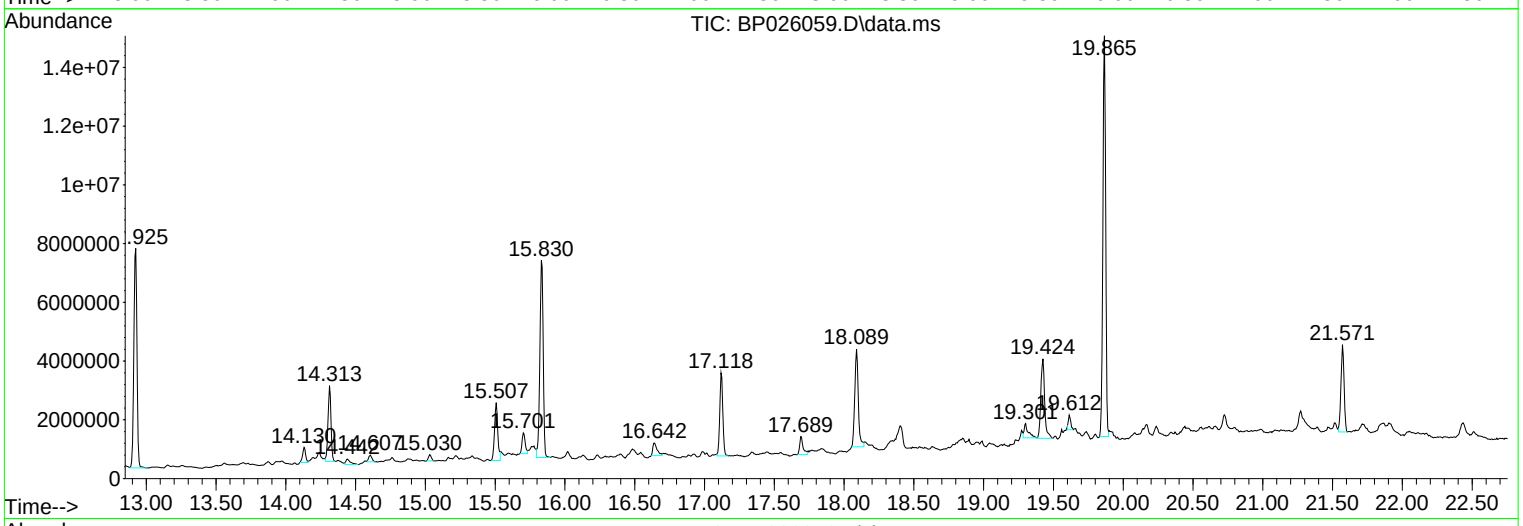
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

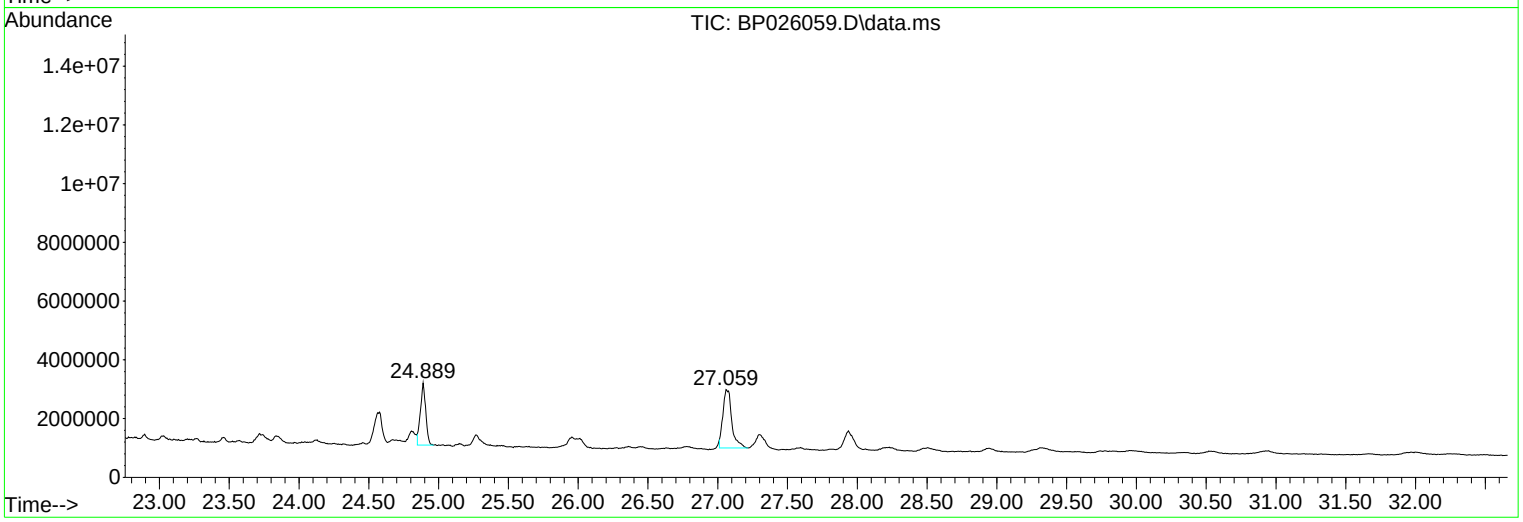
Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

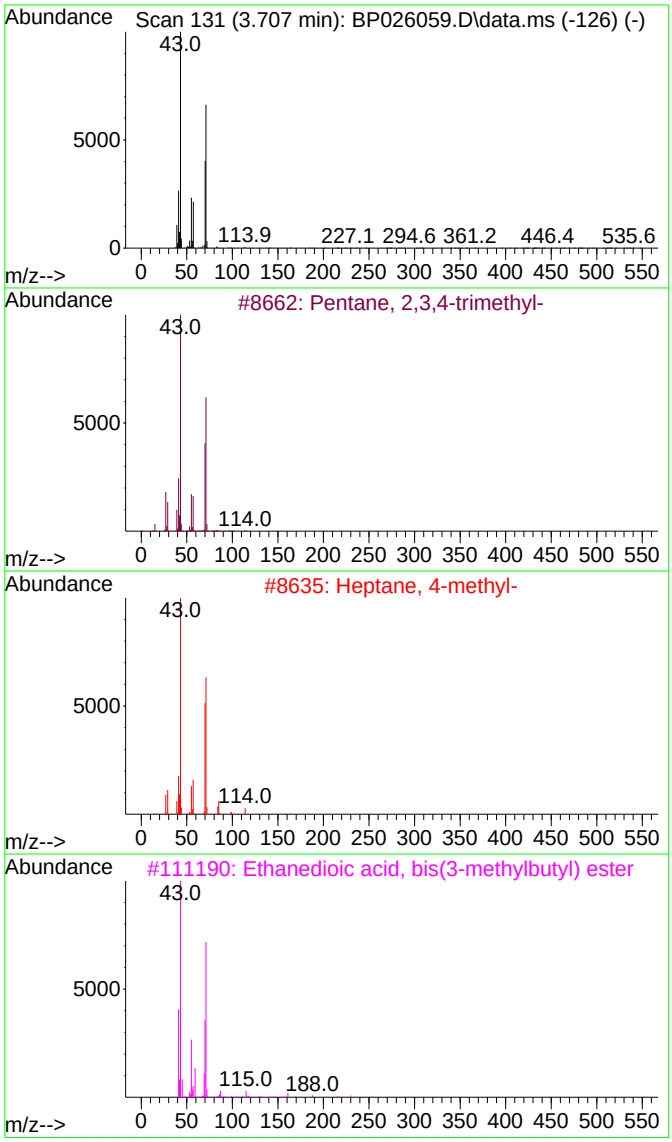
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

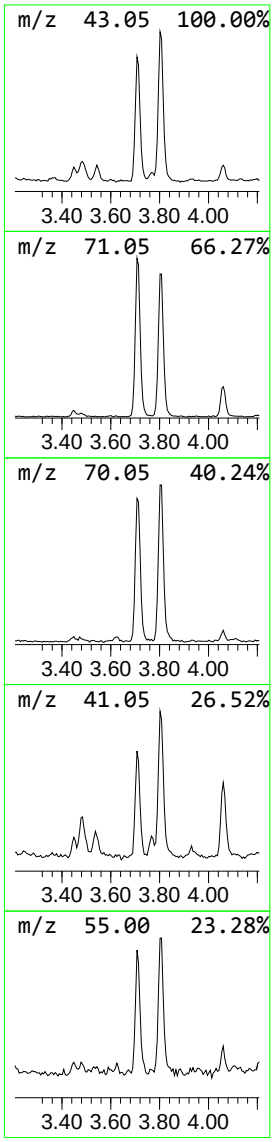
****

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.707	4.07 ng	426619	1,4-Dichlorobenzene-d4	7.684

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	78
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	74
5	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

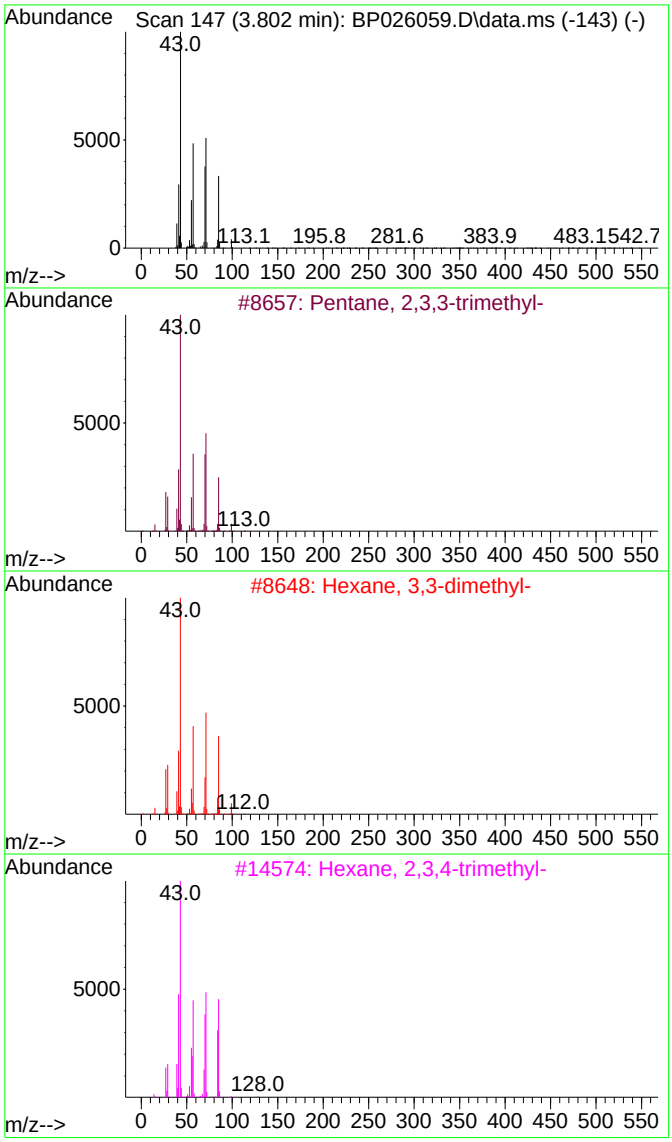
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

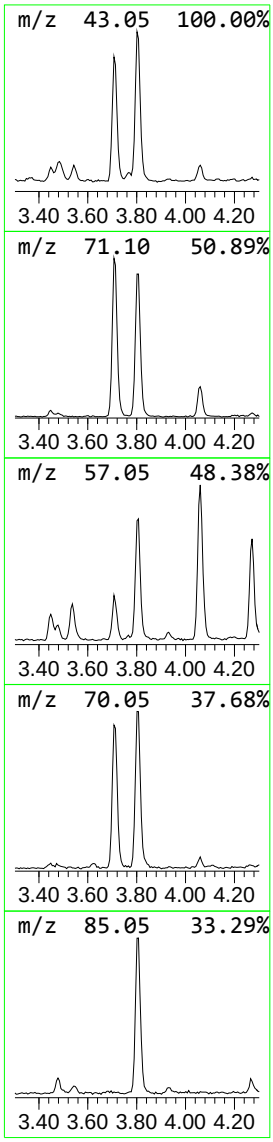
****

Peak Number 3 Hexane, 3,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.802	6.32 ng	662889	1,4-Dichlorobenzene-d4	7.684

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
4	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	59
5	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

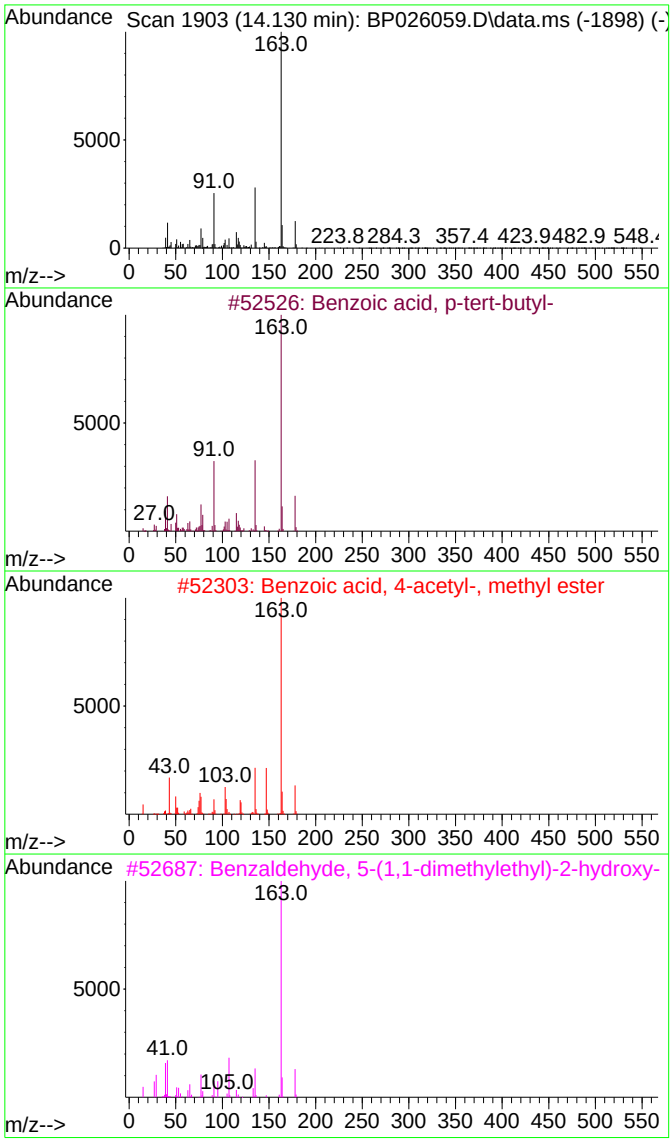
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

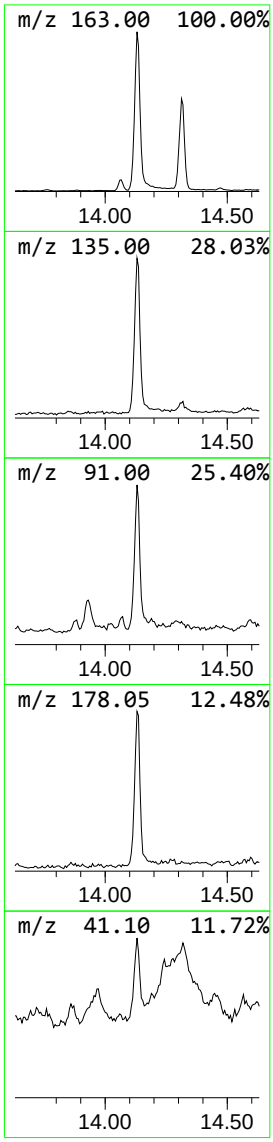
****

Peak Number 12 Benzoic acid, p-tert-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.130	4.01 ng	773125	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	96
2	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	72
3	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	64
4	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	60
5	2-tert-Butyl-4-ethylphenol, O-is...	264	C16H24O3	1000487-42-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

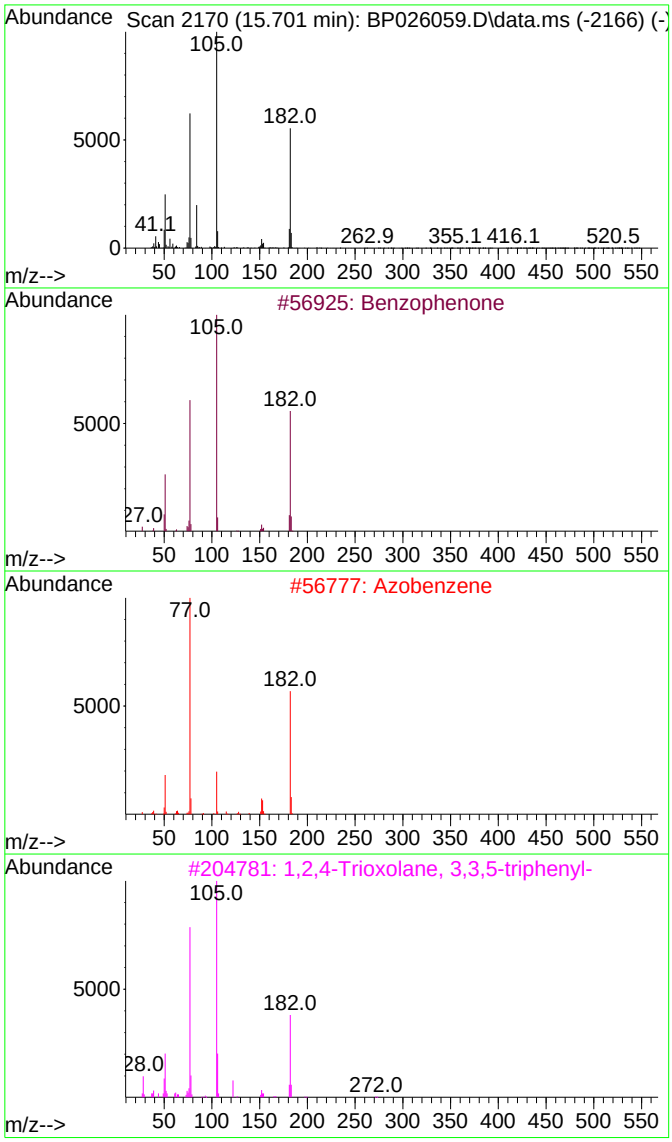
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

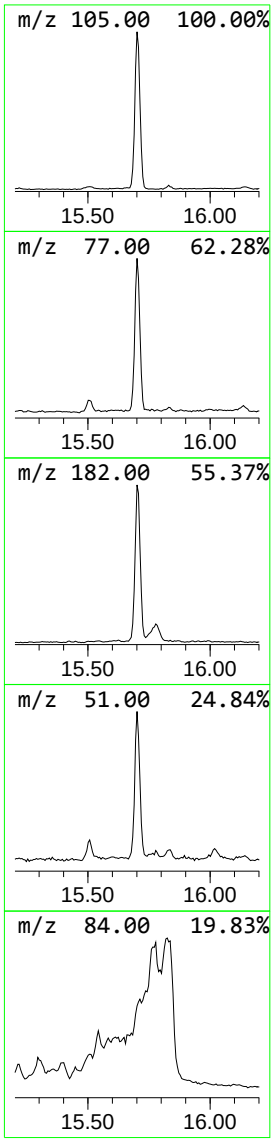
****

Peak Number 14 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.701	5.71 ng	1100040	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	53
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	40
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	40
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

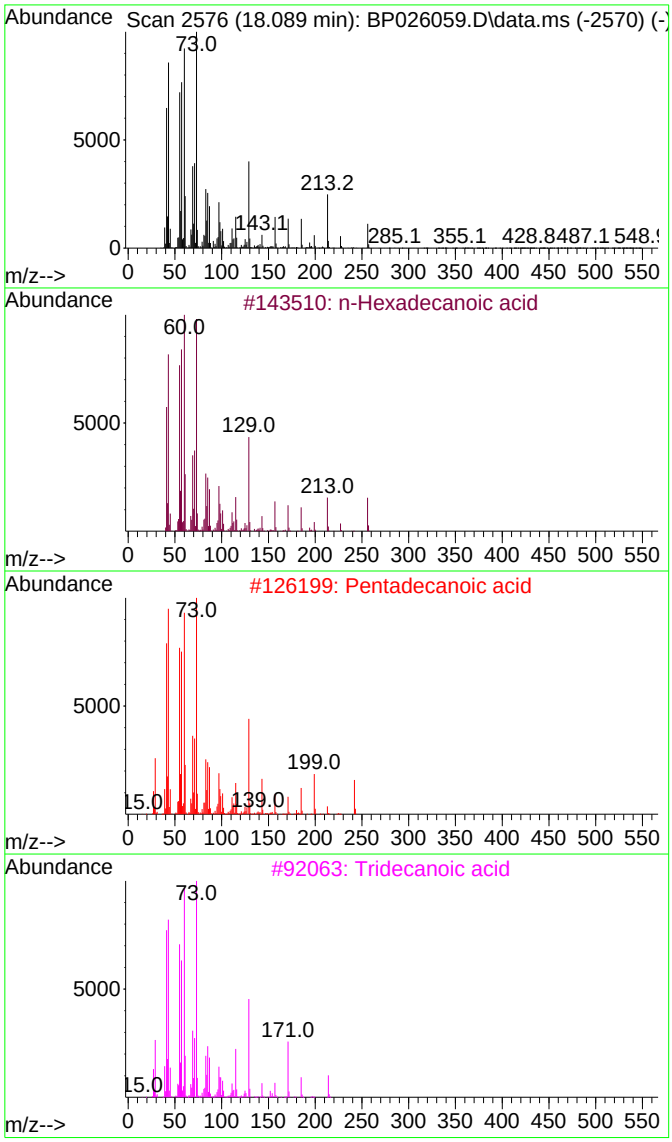
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

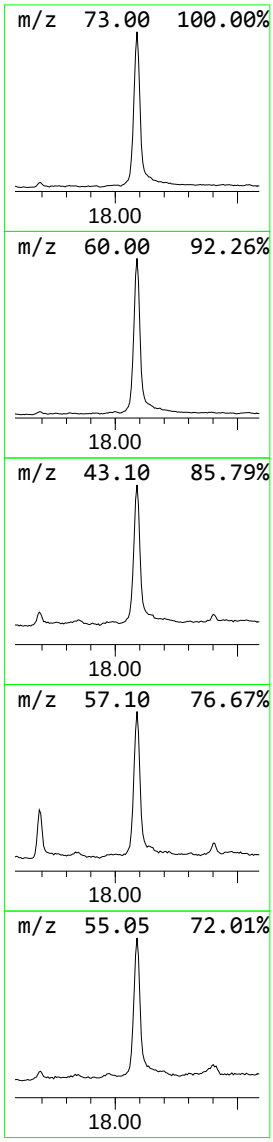
****

Peak Number 17 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	27.53 ng	5884620	Phenanthrene-d10	17.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

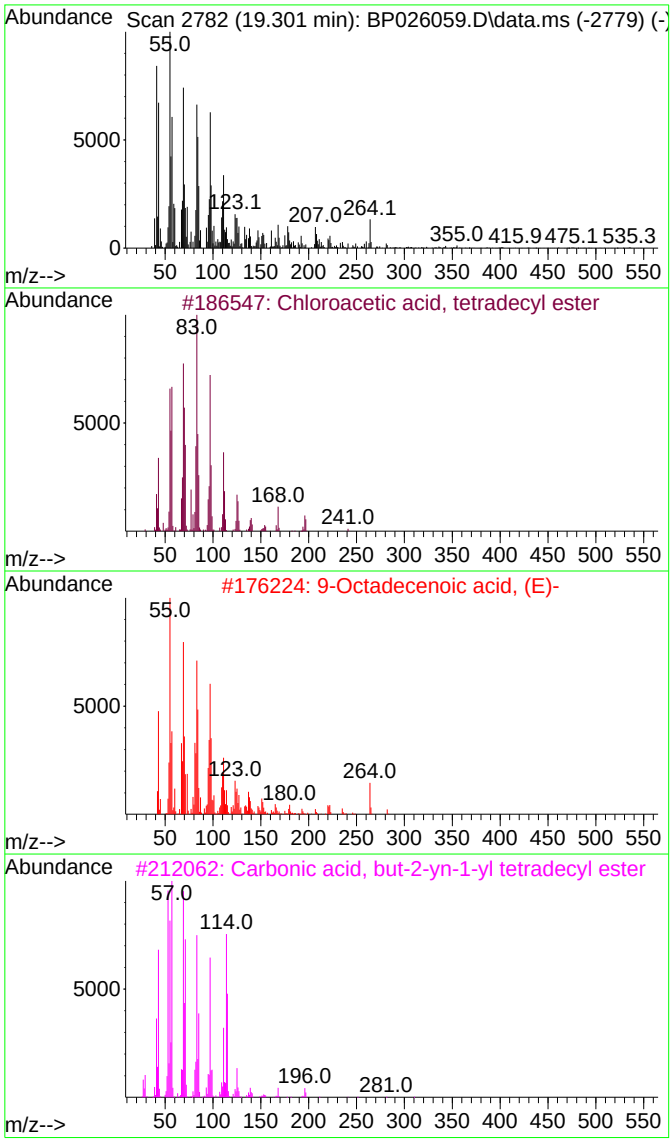
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

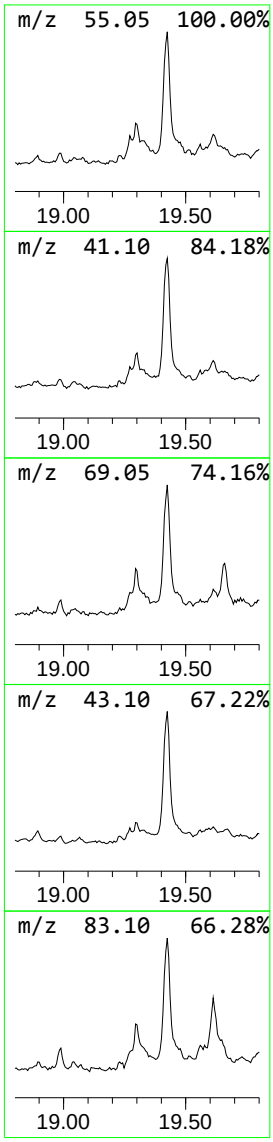
****

Peak Number 18 Chloroacetic acid, tetradec... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.301	4.55 ng	973679	Phenanthrene-d10	17.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroacetic acid, tetradecyl ester	290	C16H31ClO2	018277-86-6	80
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	68
3	Carbonic acid, but-2-yn-1-yl tet...	310	C19H34O3	1010383-20-9	58
4	1-Tetracosene	336	C24H48	010192-32-2	58
5	Pentacos-1-ene	350	C25H50	016980-85-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

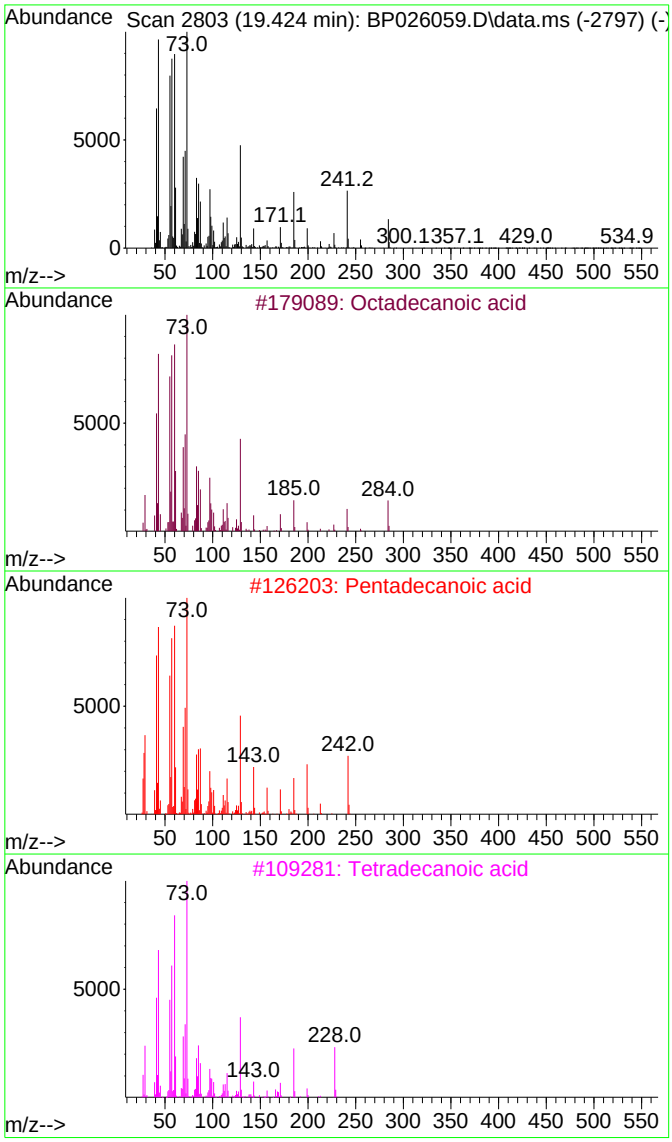
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

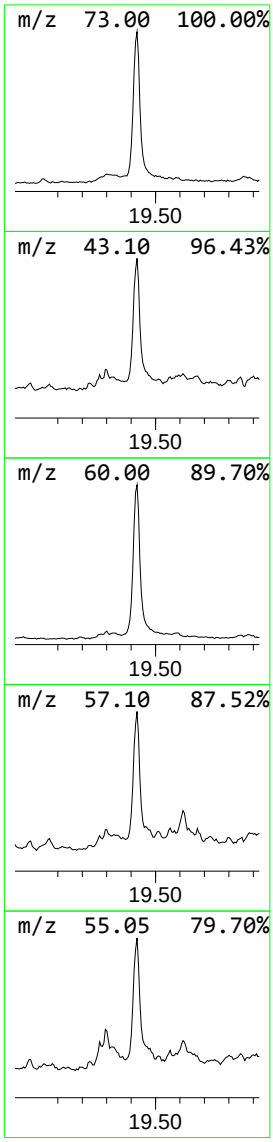
****

Peak Number 19 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.424	21.89 ng	5119460	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2,3,4-...	3.707	4.1	ng	426619	1	7.684	2097950	20.0
Hexane, 3,3-dim...	3.802	6.3	ng	662889	1	7.684	2097950	20.0
Benzoic acid, p...	14.130	4.0	ng	773125	3	14.313	3852970	20.0
Benzophenone	15.701	5.7	ng	1100040	3	14.313	3852970	20.0
n-Hexadecanoic ...	18.089	27.5	ng	5884620	4	17.119	4275340	20.0
Chloroacetic ac...	19.301	4.5	ng	973679	4	17.119	4275340	20.0
Octadecanoic acid	19.424	21.9	ng	5119460	5	21.571	4677580	20.0

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Quant Time: Nov 03 13:42:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

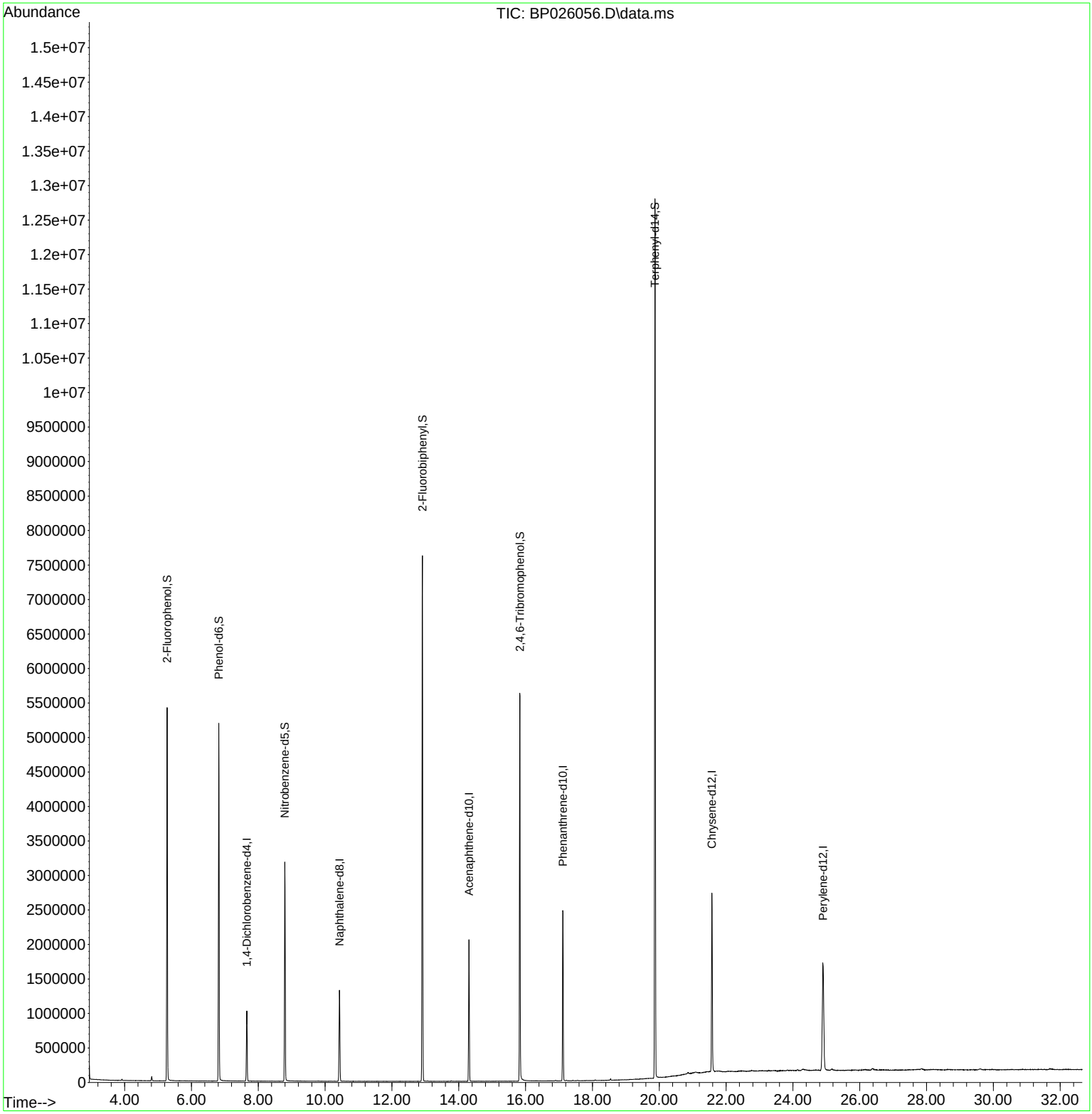
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.654	152	300167	20.000	ng	-0.04
21) Naphthalene-d8	10.431	136	1149841	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	696390	20.000	ng	-0.01
64) Phenanthrene-d10	17.113	188	1482446	20.000	ng	-0.01
76) Chrysene-d12	21.577	240	1619683	20.000	ng	0.01
86) Perylene-d12	24.900	264	1773681	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.272	112	2326638	127.901	ng	-0.02
7) Phenol-d6	6.819	99	2823741	121.958	ng	-0.04
23) Nitrobenzene-d5	8.795	82	1584105	85.884	ng	-0.03
42) 2,4,6-Tribromophenol	15.830	330	974368	129.421	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	4022471	82.999	ng	-0.02
79) Terphenyl-d14	19.871	244	6941237	87.069	ng	0.00
Target Compounds						Qvalue

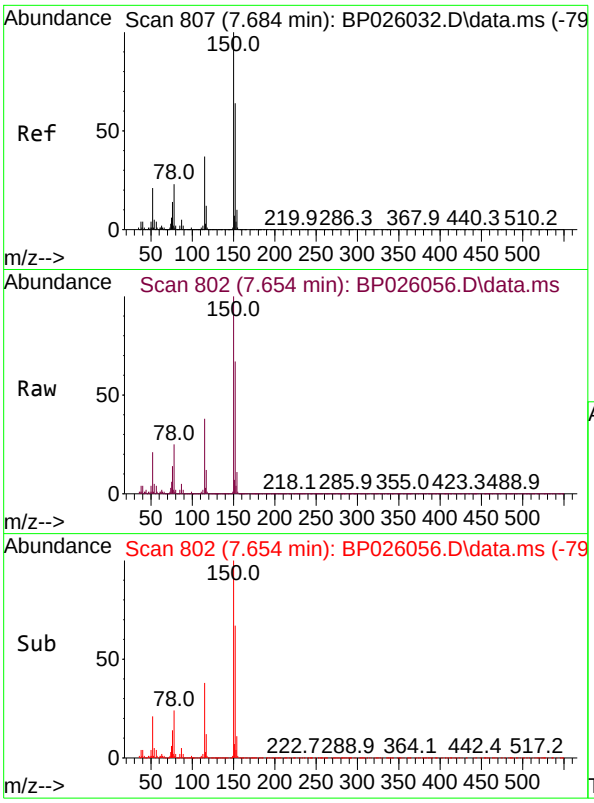
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Quant Time: Nov 03 13:42:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



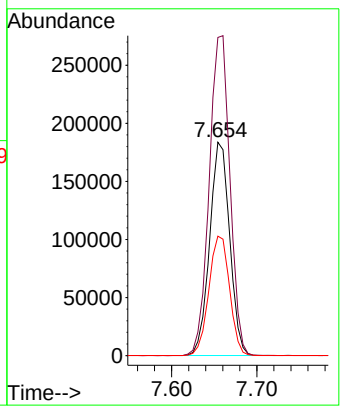


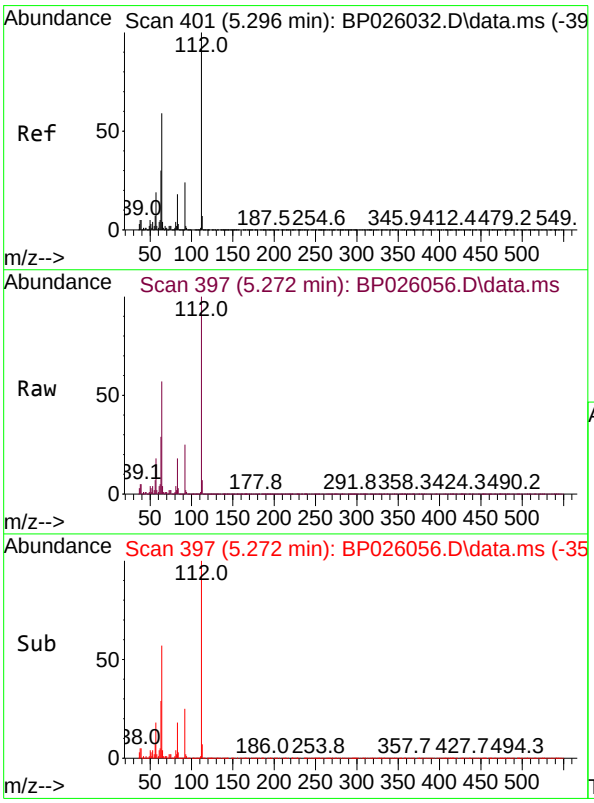
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.654 min Scan# 80
Delta R.T. -0.036 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion:152 Resp: 300167

Ion	Ratio	Lower	Upper
152	100		
150	149.1	125.7	188.5
115	56.0	46.4	69.6

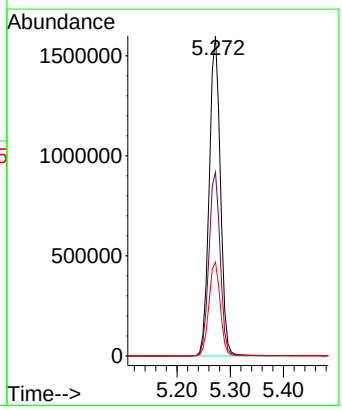


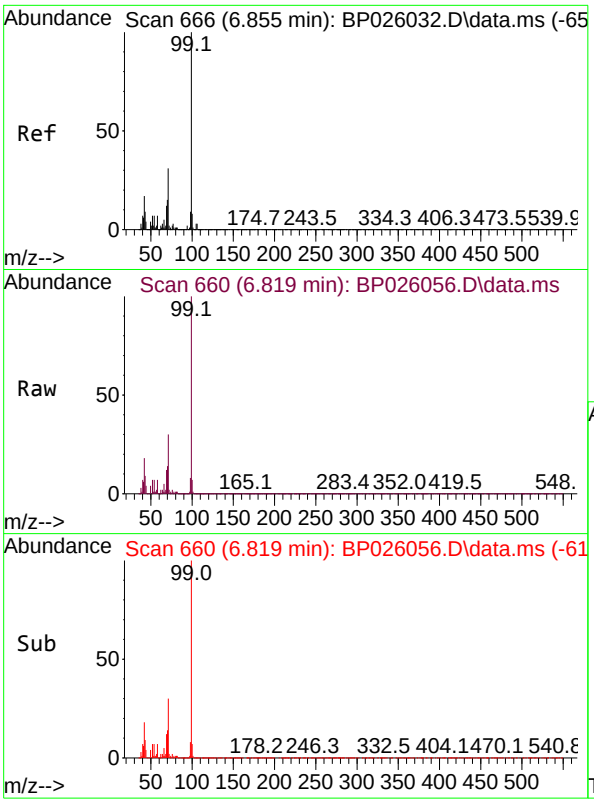


#5
2-Fluorophenol
Concen: 127.901 ng
RT: 5.272 min Scan# 397
Delta R.T. -0.024 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:112 Resp: 2326638

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.4	71.2
63	29.3	24.2	36.4



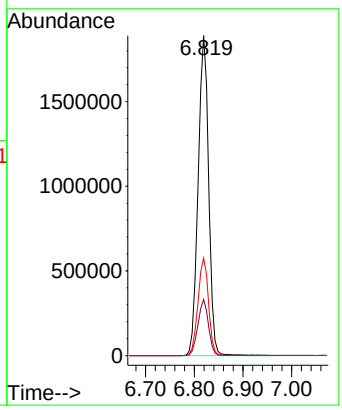


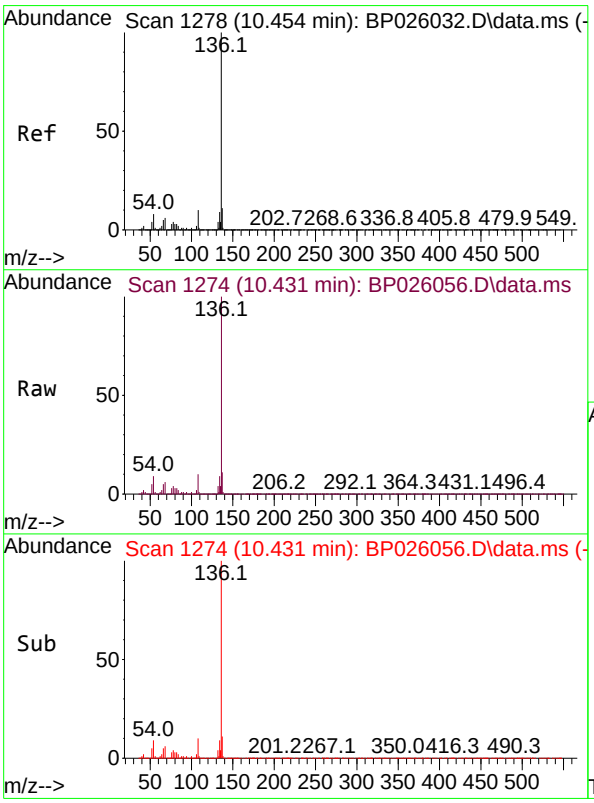
#7
Phenol-d6
Concen: 121.958 ng
RT: 6.819 min Scan# 6
Delta R.T. -0.035 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion: 99 Resp: 2823741

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.7	20.5
71	30.5	24.4	36.6

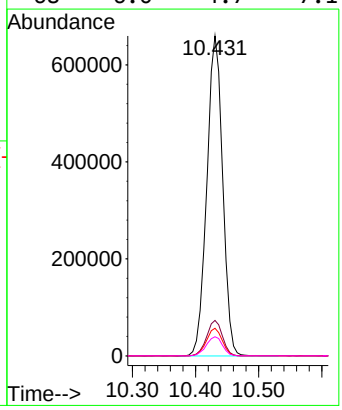


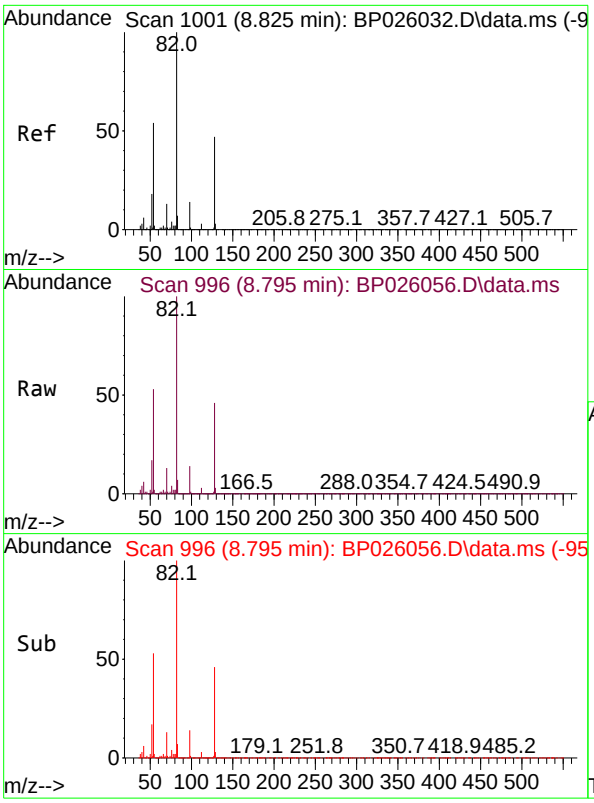


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.023 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:136 Resp: 1149841

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.6	6.6	10.0
68	6.0	4.7	7.1



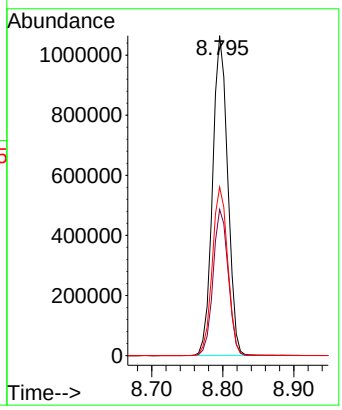


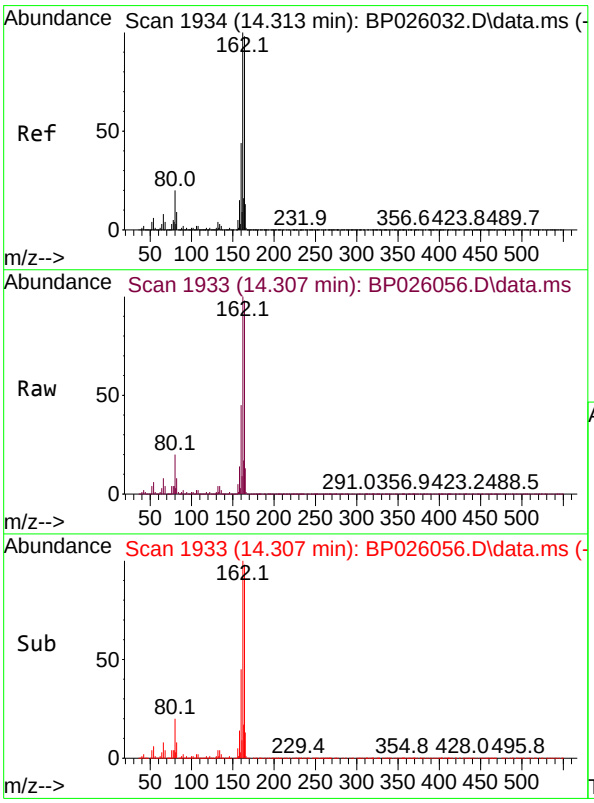
#23
Nitrobenzene-d5
Concen: 85.884 ng
RT: 8.795 min Scan# 99
Delta R.T. -0.029 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion: 82 Resp: 1584105

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.4	56.0
54	52.7	42.7	64.1

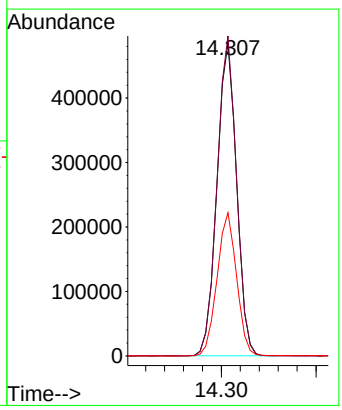


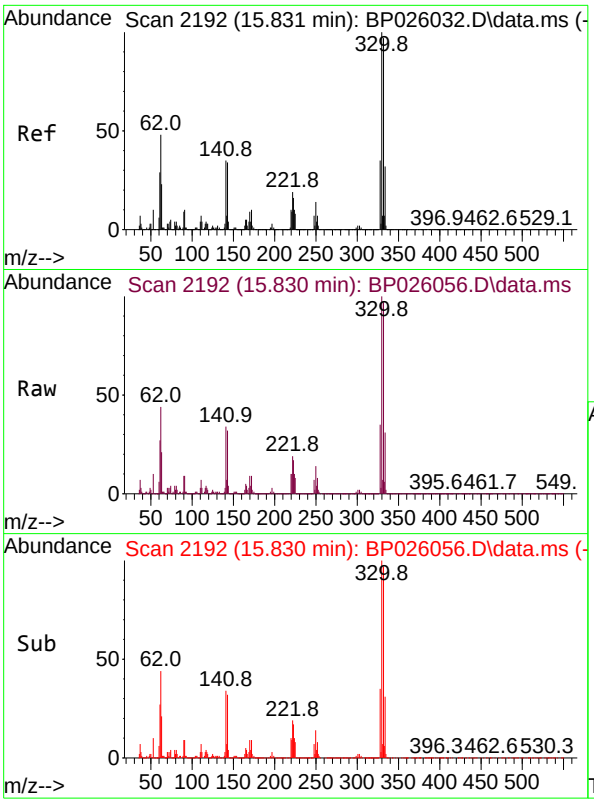


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:164 Resp: 696390

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.5	122.3
160	45.8	36.2	54.4



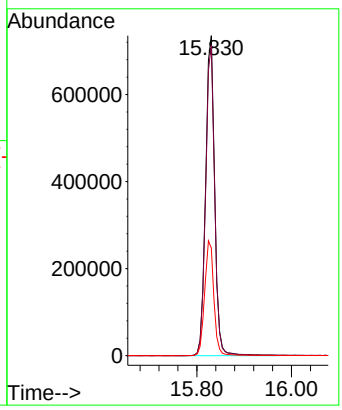


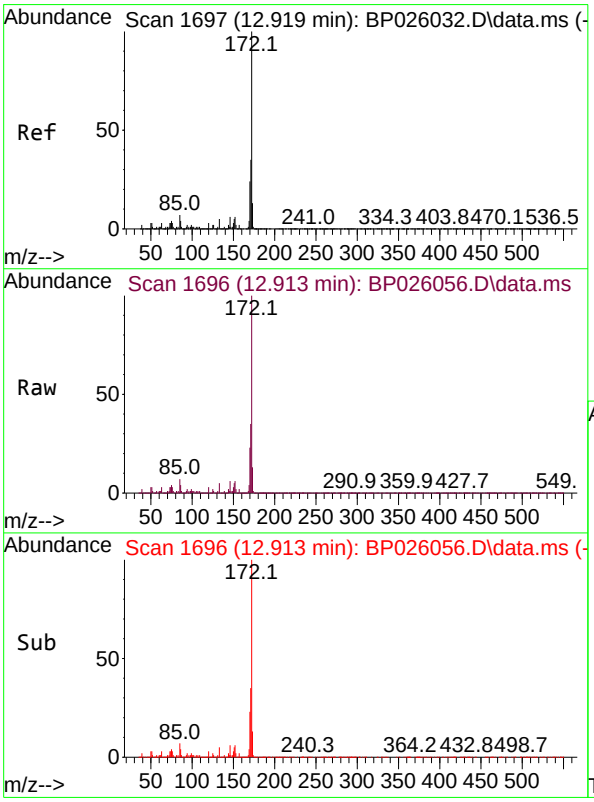
#42
2,4,6-Tribromophenol
Concen: 129.421 ng
RT: 15.830 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion:330 Resp: 974368

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	36.6	28.6	42.8

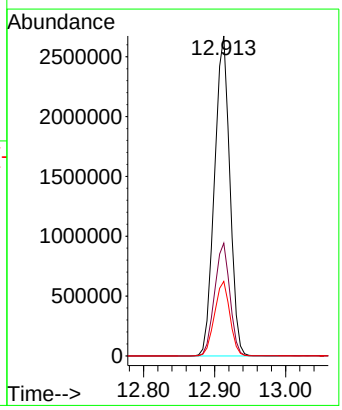


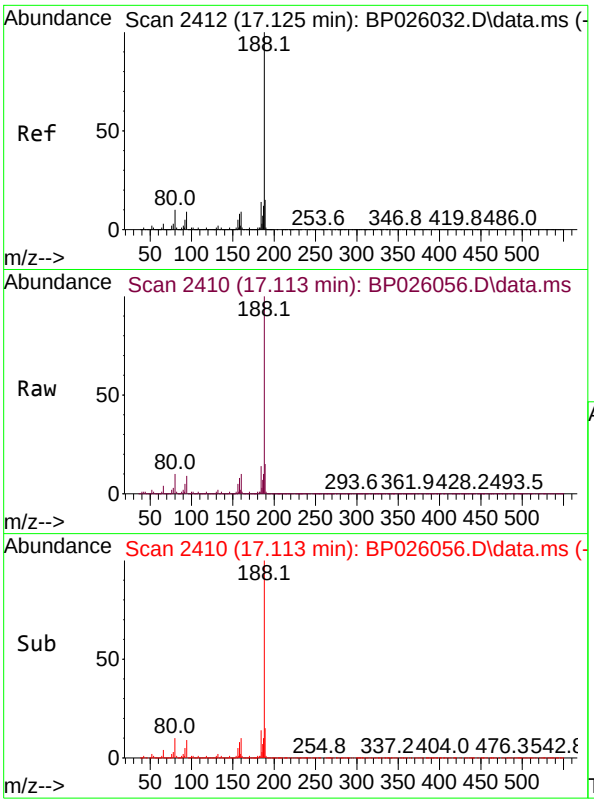


#45
2-Fluorobiphenyl
Concen: 82.999 ng
RT: 12.913 min Scan# 1696
Delta R.T. -0.018 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:172 Resp: 4022471

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.3	19.0	28.4



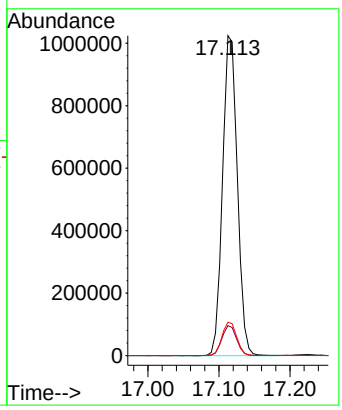


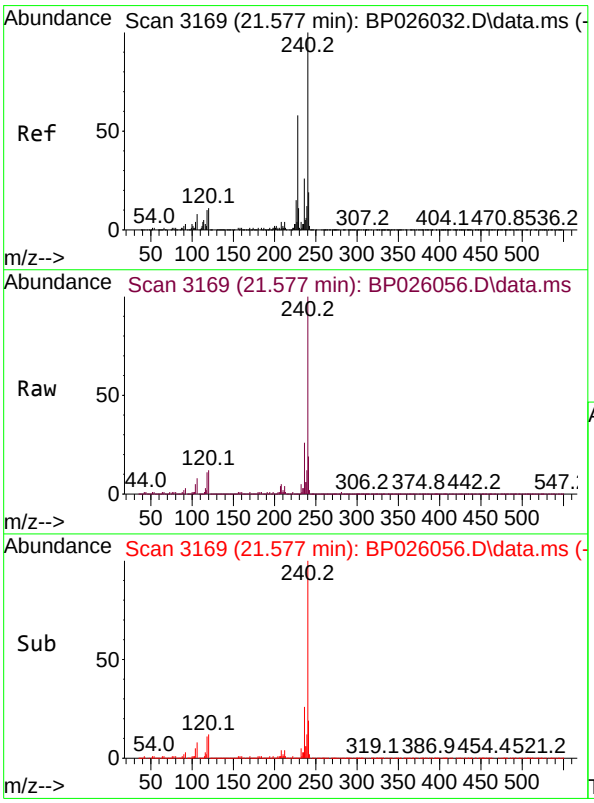
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.113 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion:188 Resp: 1482446

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	10.4	7.9	11.9

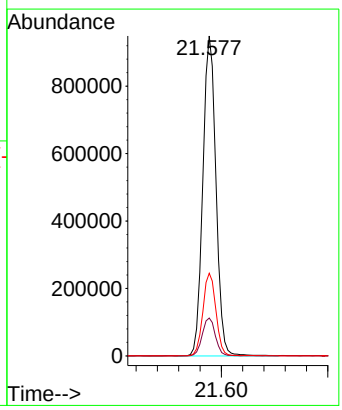


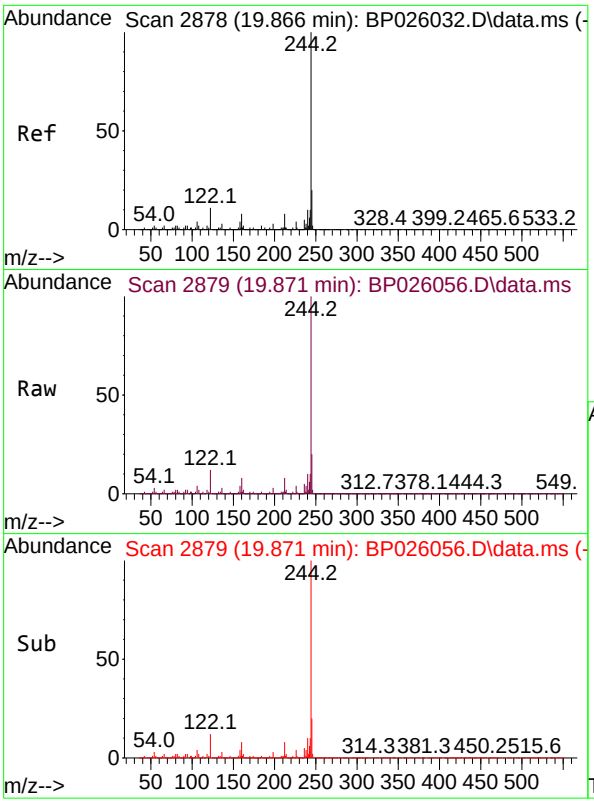


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:240 Resp: 1619683

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.8	20.6	31.0



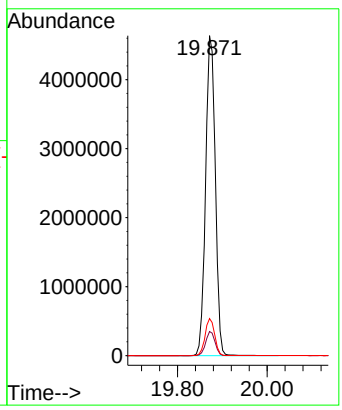


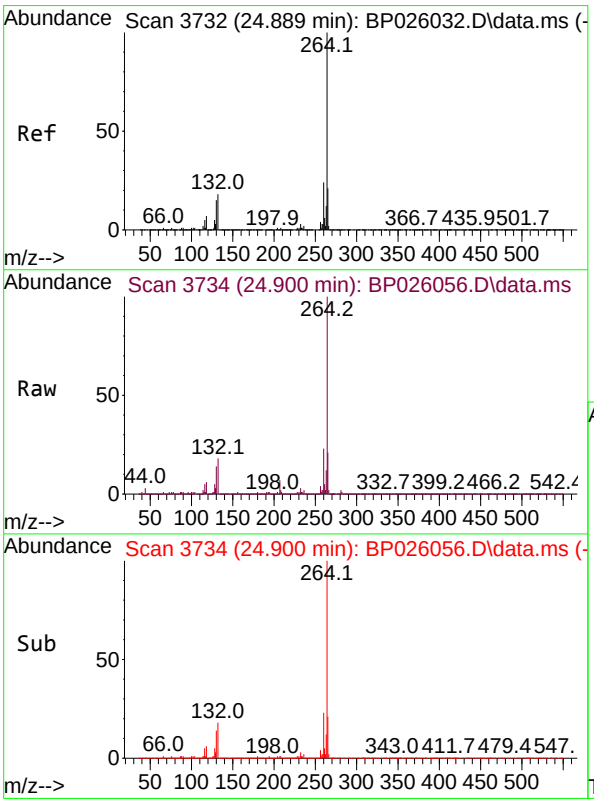
#79
Terphenyl-d14
Concen: 87.069 ng
RT: 19.871 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion:244 Resp: 6941237

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	11.6	9.0	13.6

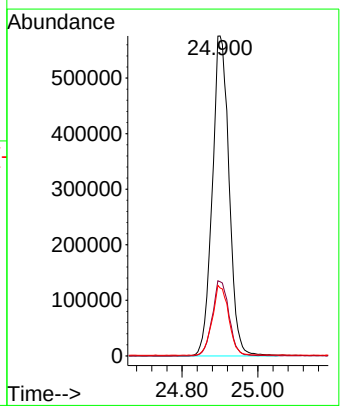




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.900 min Scan# 3734
Delta R.T. 0.018 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:264 Resp: 1773681

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.2	17.2	25.8



LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170346BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026056.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.272	389	397	414	rBV	5413073	7923486	41.75%	10.070%
2	6.819	652	660	676	rBV	5186721	7838000	41.30%	9.961%
3	7.654	795	802	810	rBV	1017977	1707632	9.00%	2.170%
4	8.795	987	996	1011	rBV	3178746	4845683	25.53%	6.158%
5	10.431	1265	1274	1284	rBV	1320019	2305679	12.15%	2.930%
6	12.913	1688	1696	1707	rBV	7620379	11483154	60.50%	14.594%
7	14.307	1925	1933	1941	rBV	2054961	2968731	15.64%	3.773%
8	15.825	2184	2191	2210	rBV	5624761	7912305	41.69%	10.055%
9	17.113	2404	2410	2422	rBV2	2468950	3652627	19.25%	4.642%
10	19.871	2872	2879	2891	rBV	12745653	18979070	100.00%	24.120%
11	21.577	3162	3169	3182	rBV2	2586472	4399319	23.18%	5.591%
12	24.895	3724	3733	3749	rVB	1549113	4671005	24.61%	5.936%

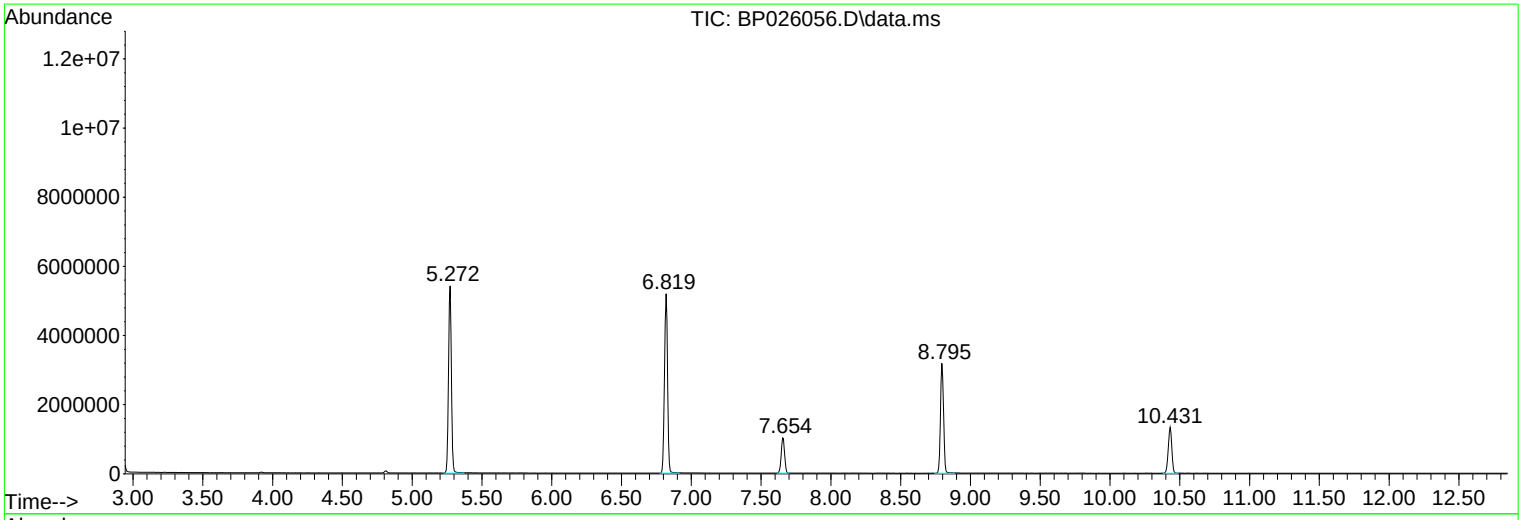
Sum of corrected areas: 78686691

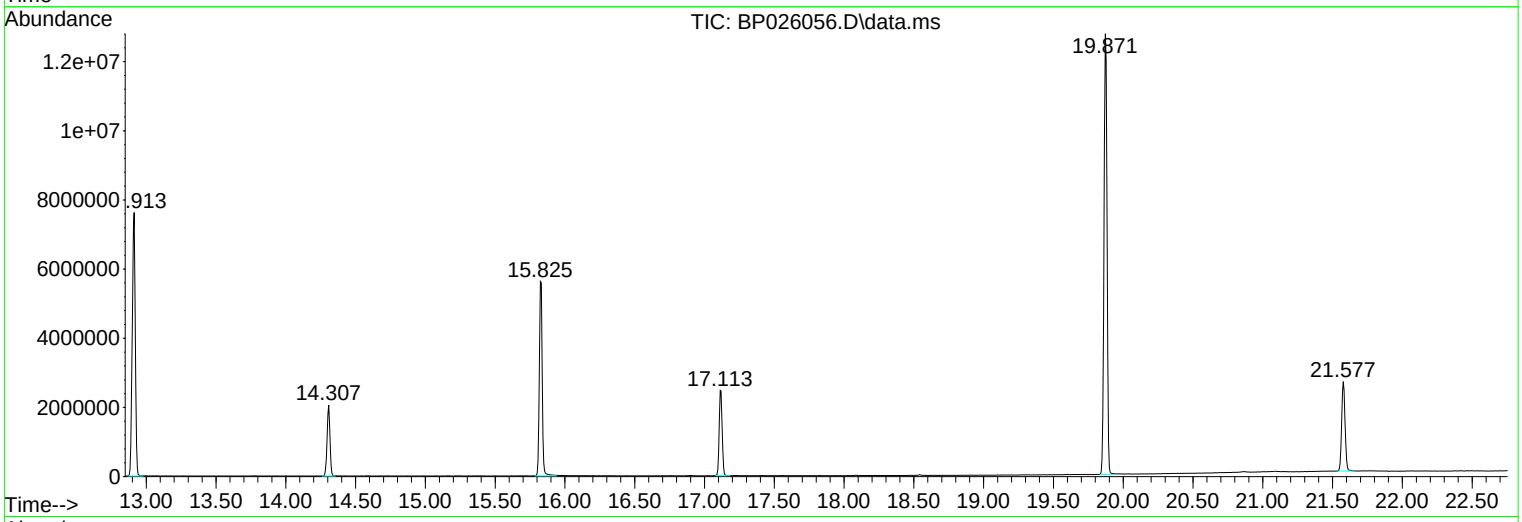
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

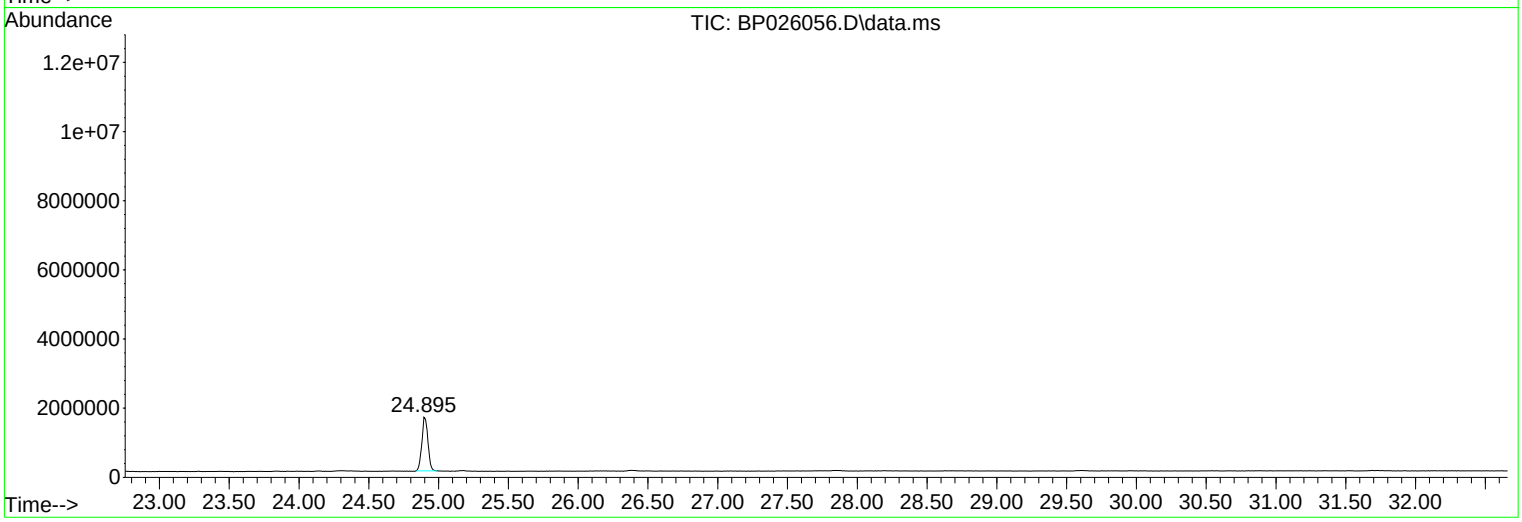
Instrument :
BNA_P
ClientSampleId :
PB170346BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026057.D
Acq On : 03 Nov 2025 14:03
Operator : RC/JU
Sample : PB170346BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 03 14:23:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170346BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	413469	20.000	ng		0.00
21) Naphthalene-d8	10.448	136	1637380	20.000	ng		0.00
39) Acenaphthene-d10	14.313	164	1028881	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	2027304	20.000	ng		0.00
76) Chrysene-d12	21.571	240	2076514	20.000	ng		0.00
86) Perylene-d12	24.895	264	2253084	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.302	112	2978067	118.851	ng		0.00
7) Phenol-d6	6.855	99	3763455	118.003	ng		0.00
23) Nitrobenzene-d5	8.813	82	2089943	79.570	ng		-0.01
42) 2,4,6-Tribromophenol	15.842	330	1372544	123.395	ng		0.01
45) 2-Fluorobiphenyl	12.931	172	5359966	74.857	ng		0.00
79) Terphenyl-d14	19.866	244	7929727	77.585	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	350992	33.227	ng		99
3) Pyridine	3.619	79	976319	32.513	ng		98
4) n-Nitrosodimethylamine	3.537	42	503504	41.835	ng		97
6) Aniline	7.013	93	1407319	33.063	ng		100
8) 2-Chlorophenol	7.255	128	1188164	42.821	ng		99
9) Benzaldehyde	6.831	77	522361	31.507	ng		97
10) Phenol	6.878	94	1484026	41.913	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	1099192	39.338	ng		99
12) 1,3-Dichlorobenzene	7.572	146	1279343	40.148	ng		98
13) 1,4-Dichlorobenzene	7.719	146	1304870	40.501	ng		100
14) 1,2-Dichlorobenzene	8.031	146	1245514	40.513	ng		99
15) Benzyl Alcohol	7.913	79	964164	41.935	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1654572	39.179	ng		99
17) 2-Methylphenol	8.113	107	990544	42.724	ng		100
18) Hexachloroethane	8.749	117	438887	39.810	ng		95
19) n-Nitroso-di-n-propyla...	8.478	70	800347	40.426	ng		99
20) 3+4-Methylphenols	8.437	107	1348471	41.808	ng		99
22) Acetophenone	8.490	105	1877199	45.332	ng	#	99
24) Nitrobenzene	8.860	77	1166891	42.078	ng		99
25) Isophorone	9.390	82	2315399	41.185	ng		100
26) 2-Nitrophenol	9.566	139	474639	46.582	ng		98
27) 2,4-Dimethylphenol	9.631	122	1132373	47.898	ng		98
28) bis(2-Chloroethoxy)met...	9.866	93	1468692	41.453	ng		100
29) 2,4-Dichlorophenol	10.096	162	1111034	44.509	ng		98
30) 1,2,4-Trichlorobenzene	10.319	180	1151117	42.427	ng		99
31) Naphthalene	10.501	128	3574182	40.029	ng		100
32) Benzoic acid	9.766	122	816691	54.405	ng		96
33) 4-Chloroaniline	10.601	127	897215	26.149	ng		100
34) Hexachlorobutadiene	10.796	225	680572	39.473	ng		99
35) Caprolactam	11.372	113	373324m	42.589	ng		
36) 4-Chloro-3-methylphenol	11.731	107	1181240	45.142	ng		98
37) 2-Methylnaphthalene	12.119	142	2286221	36.583	ng		99
38) 1-Methylnaphthalene	12.348	142	2395129	39.450	ng		99
40) 1,2,4,5-Tetrachloroben...	12.490	216	1378808	43.130	ng		99
41) Hexachlorocyclopentadiene	12.478	237	1343156	114.832	ng		97
43) 2,4,6-Trichlorophenol	12.731	196	868821	45.979	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026057.D
Acq On : 03 Nov 2025 14:03
Operator : RC/JU
Sample : PB170346BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 03 14:23:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170346BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	977044	45.314	ng	98
46) 1,1'-Biphenyl	13.142	154	3555466	45.130	ng	100
47) 2-Chloronaphthalene	13.178	162	2488428	40.146	ng	100
48) 2-Nitroaniline	13.384	65	682129	43.080	ng	99
49) Acenaphthylene	14.037	152	4302294	47.621	ng	100
50) Dimethylphthalate	13.778	163	3165660	42.299	ng	99
51) 2,6-Dinitrotoluene	13.884	165	653607	46.852	ng	98
52) Acenaphthene	14.389	154	2764412	44.572	ng	100
53) 3-Nitroaniline	14.207	138	550674	33.504	ng	98
54) 2,4-Dinitrophenol	14.425	184	618650	89.390	ng	99
55) Dibenzofuran	14.731	168	3838967	40.968	ng	99
56) 4-Nitrophenol	14.525	139	1284695	86.087	ng	96
57) 2,4-Dinitrotoluene	14.678	165	933286	45.627	ng	99
58) Fluorene	15.389	166	3014436	41.061	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	823548	48.579	ng	99
60) Diethylphthalate	15.178	149	3185892	42.344	ng	100
61) 4-Chlorophenyl-phenyle...	15.395	204	1468638	40.060	ng	99
62) 4-Nitroaniline	15.401	138	736751	46.069	ng	99
63) Azobenzene	15.683	77	2930458	42.976	ng	99
65) 4,6-Dinitro-2-methylph...	15.466	198	418402	50.265	ng	98
66) n-Nitrosodiphenylamine	15.601	169	2758017	43.511	ng	100
67) 4-Bromophenyl-phenylether	16.307	248	958809	42.636	ng	99
68) Hexachlorobenzene	16.419	284	1062593	41.507	ng	99
69) Atrazine	16.595	200	990002	46.299	ng	99
70) Pentachlorophenol	16.772	266	1409042	90.109	ng	98
71) Phenanthrene	17.172	178	4887342	41.418	ng	99
72) Anthracene	17.272	178	4994409	42.699	ng	100
73) Carbazole	17.542	167	4798722	43.340	ng	99
74) Di-n-butylphthalate	18.148	149	5476816	44.206	ng	99
75) Fluoranthene	19.266	202	5695428	41.377	ng	99
77) Benzidine	19.454	184	2560522	48.580	ng	100
78) Pyrene	19.636	202	5922117	42.167	ng	99
80) Butylbenzylphthalate	20.601	149	2346780	44.985	ng	98
81) Benzo(a)anthracene	21.554	228	6005581	42.088	ng	99
82) 3,3'-Dichlorobenzidine	21.471	252	1521050	33.084	ng	99
83) Chrysene	21.624	228	5583127	41.305	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3535330	42.556	ng	99
85) Di-n-octyl phthalate	22.807	149	5930535	47.977	ng	100
87) Indeno(1,2,3-cd)pyrene	28.677	276	7311036m	43.953	ng	
88) Benzo(b)fluoranthene	23.842	252	6092278	43.557	ng	99
89) Benzo(k)fluoranthene	23.912	252	6221199	43.556	ng	99
90) Benzo(a)pyrene	24.742	252	5887209	45.816	ng	100
91) Dibenzo(a,h)anthracene	28.753	278	6034680	44.581	ng	98
92) Benzo(g,h,i)perylene	29.836	276	5887221	45.196	ng	98

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

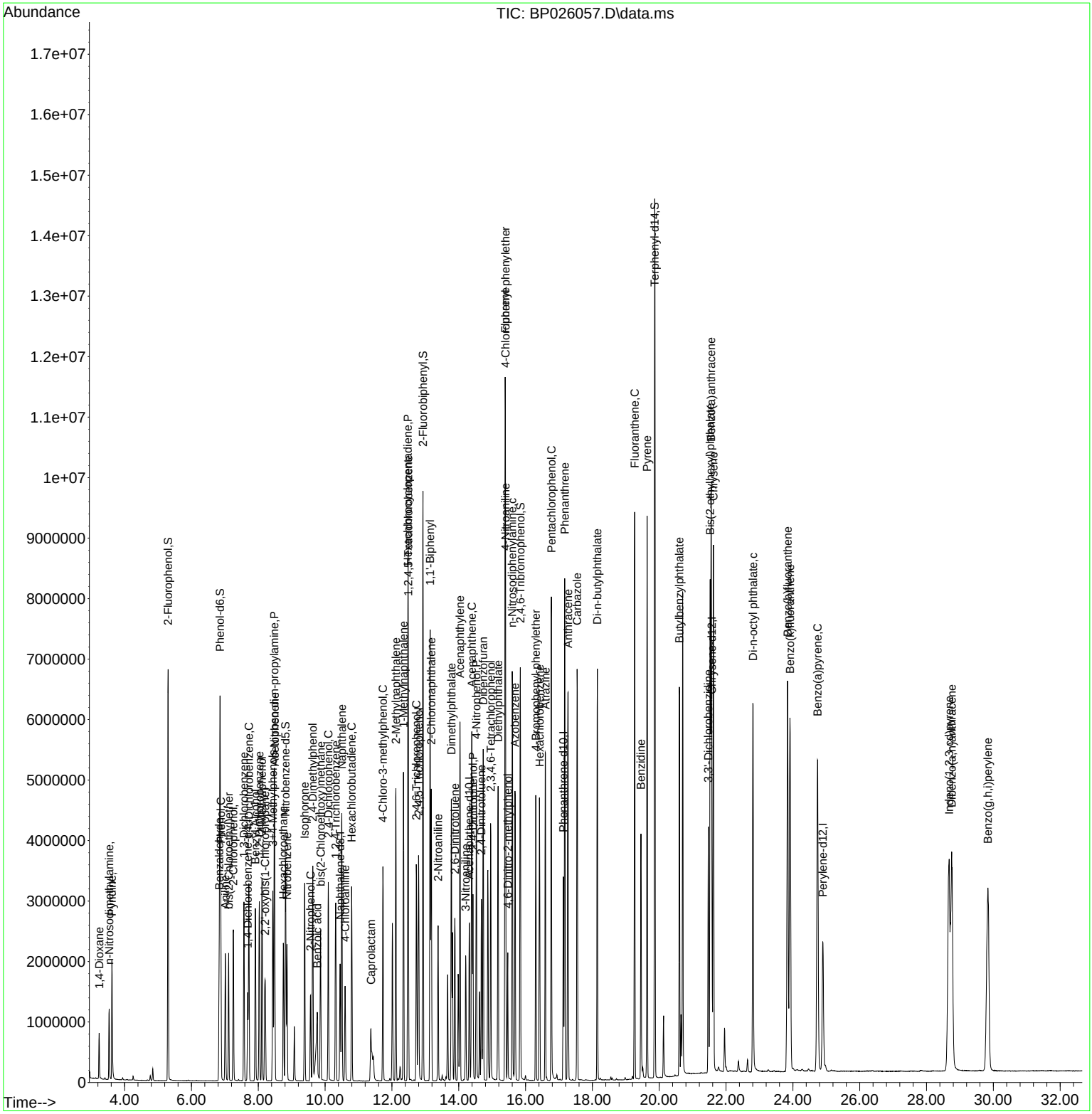
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026057.D
Acq On : 03 Nov 2025 14:03
Operator : RC/JU
Sample : PB170346BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 03 14:23:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170346BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026058.D
Acq On : 03 Nov 2025 14:44
Operator : RC/JU
Sample : PB170346BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 03 15:05:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170346BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	395071	20.000	ng		-0.01
21) Naphthalene-d8	10.448	136	1598021	20.000	ng		0.00
39) Acenaphthene-d10	14.307	164	1009231	20.000	ng		-0.01
64) Phenanthrene-d10	17.119	188	2008992	20.000	ng		0.00
76) Chrysene-d12	21.583	240	2004620	20.000	ng		0.02
86) Perylene-d12	24.895	264	2129528	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	2905740	121.364	ng		0.00
7) Phenol-d6	6.855	99	3657597	120.024	ng		0.00
23) Nitrobenzene-d5	8.813	82	2071026	80.792	ng		-0.01
42) 2,4,6-Tribromophenol	15.831	330	1378817	126.372	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	5200921	74.050	ng		-0.01
79) Terphenyl-d14	19.866	244	7852666	79.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	326802	32.378	ng		98
3) Pyridine	3.619	79	914026	31.856	ng		99
4) n-Nitrosodimethylamine	3.531	42	474046	41.222	ng		98
6) Aniline	7.013	93	1415390	34.801	ng		99
8) 2-Chlorophenol	7.249	128	1169712	44.119	ng		98
9) Benzaldehyde	6.825	77	501324	31.646	ng		96
10) Phenol	6.878	94	1448888	42.827	ng		99
11) bis(2-Chloroethyl)ether	7.107	93	1056344	39.565	ng		99
12) 1,3-Dichlorobenzene	7.572	146	1230567	40.416	ng		98
13) 1,4-Dichlorobenzene	7.713	146	1253086	40.705	ng		99
14) 1,2-Dichlorobenzene	8.025	146	1212791	41.286	ng		99
15) Benzyl Alcohol	7.907	79	944591	42.997	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1613589	39.988	ng		99
17) 2-Methylphenol	8.113	107	976660	44.086	ng		99
18) Hexachloroethane	8.749	117	433237	41.127	ng		97
19) n-Nitroso-di-n-propyla...	8.478	70	796591	42.111	ng		99
20) 3+4-Methylphenols	8.437	107	1333675	43.275	ng		99
22) Acetophenone	8.490	105	1815154	44.913	ng	#	99
24) Nitrobenzene	8.860	77	1149562	42.474	ng		100
25) Isophorone	9.384	82	2275981	41.481	ng		100
26) 2-Nitrophenol	9.566	139	491470	49.259	ng		95
27) 2,4-Dimethylphenol	9.625	122	1107222	47.988	ng		99
28) bis(2-Chloroethoxy)met...	9.866	93	1447720	41.867	ng		100
29) 2,4-Dichlorophenol	10.096	162	1096305	45.001	ng		99
30) 1,2,4-Trichlorobenzene	10.313	180	1127789	42.591	ng		99
31) Naphthalene	10.501	128	3508025	40.256	ng		100
32) Benzoic acid	9.760	122	804704	54.780	ng		96
33) 4-Chloroaniline	10.595	127	839001	25.055	ng		99
34) Hexachlorobutadiene	10.796	225	668366	39.720	ng		99
35) Caprolactam	11.360	113	371981m	43.481	ng		
36) 4-Chloro-3-methylphenol	11.725	107	1169039	45.776	ng		98
37) 2-Methylnaphthalene	12.113	142	2280926	37.397	ng		100
38) 1-Methylnaphthalene	12.331	142	2346181	39.596	ng		100
40) 1,2,4,5-Tetrachloroben...	12.490	216	1368368	43.637	ng		99
41) Hexachlorocyclopentadiene	12.478	237	1370080	119.415	ng		97
43) 2,4,6-Trichlorophenol	12.719	196	865628	46.702	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026058.D
Acq On : 03 Nov 2025 14:44
Operator : RC/JU
Sample : PB170346BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 03 15:05:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170346BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.795	196	971919	45.954	ng		97
46)	1,1'-Biphenyl	13.137	154	3510801	45.431	ng		99
47)	2-Chloronaphthalene	13.172	162	2470353	40.630	ng		99
48)	2-Nitroaniline	13.366	65	686775	44.141	ng		99
49)	Acenaphthylene	14.025	152	4185681	47.233	ng		100
50)	Dimethylphthalate	13.766	163	3146994	42.869	ng		100
51)	2,6-Dinitrotoluene	13.878	165	648007	47.323	ng		99
52)	Acenaphthene	14.372	154	2411580	39.640	ng		99
53)	3-Nitroaniline	14.207	138	537488	33.351	ng	#	97
54)	2,4-Dinitrophenol	14.407	184	620525	90.756	ng		99
55)	Dibenzofuran	14.713	168	3707123	40.332	ng		99
56)	4-Nitrophenol	14.525	139	1280146	87.452	ng		98
57)	2,4-Dinitrotoluene	14.672	165	928820	46.248	ng		95
58)	Fluorene	15.378	166	2946984	40.924	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.948	232	817638	49.169	ng		99
60)	Diethylphthalate	15.166	149	3179916	43.088	ng		100
61)	4-Chlorophenyl-phenyle...	15.378	204	1424235	39.605	ng		99
62)	4-Nitroaniline	15.389	138	704598	44.917	ng		99
63)	Azobenzene	15.683	77	2854023	42.670	ng		98
65)	4,6-Dinitro-2-methylph...	15.454	198	418767	50.643	ng		95
66)	n-Nitrosodiphenylamine	15.601	169	2717880	43.269	ng		100
67)	4-Bromophenyl-phenylether	16.301	248	935632	41.985	ng		99
68)	Hexachlorobenzene	16.407	284	1040905	41.031	ng		97
69)	Atrazine	16.583	200	993937	46.907	ng		99
70)	Pentachlorophenol	16.766	266	1404655	90.648	ng		99
71)	Phenanthrene	17.166	178	4736449	40.506	ng		100
72)	Anthracene	17.266	178	4906737	42.332	ng		100
73)	Carbazole	17.536	167	4647037	42.353	ng		100
74)	Di-n-butylphthalate	18.154	149	5458434	44.459	ng		99
75)	Fluoranthene	19.260	202	5596306	41.027	ng		99
77)	Benzidine	19.454	184	2494908	49.033	ng		99
78)	Pyrene	19.642	202	5806155	42.824	ng		99
80)	Butylbenzylphthalate	20.607	149	2365907	46.828	ng		98
81)	Benzo(a)anthracene	21.560	228	5819805	42.248	ng		99
82)	3,3'-Dichlorobenzidine	21.483	252	1546719	34.849	ng		100
83)	Chrysene	21.630	228	5490666	42.078	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.524	149	3709522	46.029	ng		100
85)	Di-n-octyl phthalate	22.807	149	6086837	51.008	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.677	276	6974909	44.365	ng	#	92
88)	Benzo(b)fluoranthene	23.854	252	5796552	43.847	ng		100
89)	Benzo(k)fluoranthene	23.918	252	5951541	44.086	ng		100
90)	Benzo(a)pyrene	24.742	252	5611714	46.205	ng		99
91)	Dibenzo(a,h)anthracene	28.753	278	5751136	44.951	ng		99
92)	Benzo(g,h,i)perylene	29.847	276	5644301	45.845	ng		100

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

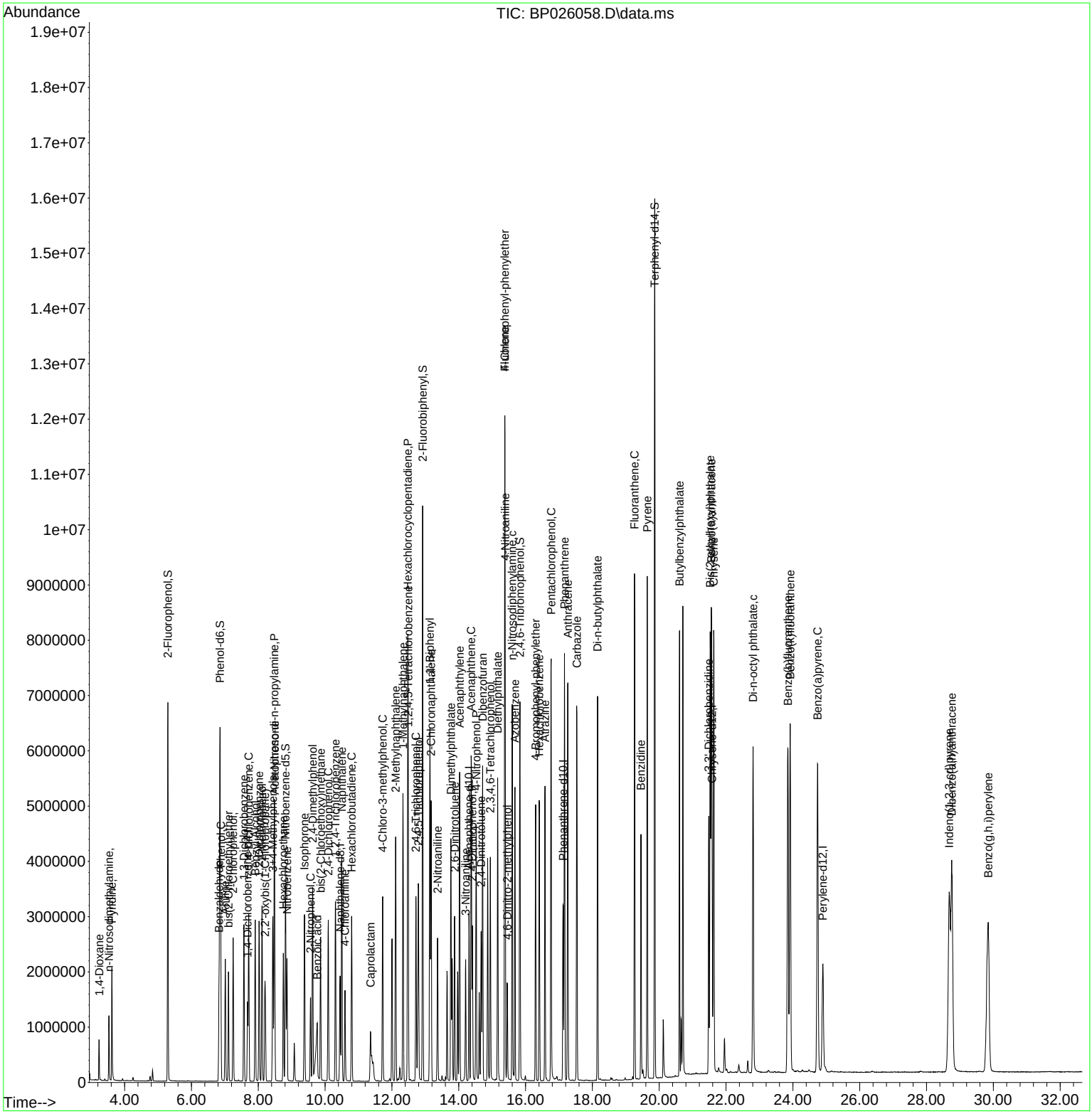
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026058.D
Acq On : 03 Nov 2025 14:44
Operator : RC/JU
Sample : PB170346BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 03 15:05:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170346BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025



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

Manual Integration Report

Sequence:	BP102925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BP026030.D	Benzaldehyde	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC010	BP026030.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Benzaldehyde	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC050	BP026033.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:07 AM	Jagrut	11/4/2025 3:52:45 PM	Peak Integrated by Software
SSTDICC080	BP026035.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:09 AM	Jagrut	11/4/2025 3:52:47 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Benzaldehyde	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP110325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170346BS	BP026057.D	Caprolactam	Jagrut	11/4/2025 4:00:39 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software
PB170346BS	BP026057.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/4/2025 4:00:39 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software
PB170346BSD	BP026058.D	Caprolactam	Jagrut	11/4/2025 4:00:41 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026027.D	29 Oct 2025 08:45	RC/JU	Ok
2	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26	RC/JU	Ok
3	SSTDICC005	BP026029.D	29 Oct 2025 10:07	RC/JU	Ok
4	SSTDICC010	BP026030.D	29 Oct 2025 10:48	RC/JU	Ok,M
5	SSTDICC020	BP026031.D	29 Oct 2025 11:29	RC/JU	Ok,M
6	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	RC/JU	Ok
7	SSTDICC050	BP026033.D	29 Oct 2025 12:51	RC/JU	Ok,M
8	SSTDICC060	BP026034.D	29 Oct 2025 13:32	RC/JU	Ok
9	SSTDICC080	BP026035.D	29 Oct 2025 14:13	RC/JU	Ok,M
10	SSTDICV040	BP026036.D	29 Oct 2025 16:09	RC/JU	Ok,M
11	PB170259BL	BP026037.D	29 Oct 2025 16:50	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP110325

Review By	rahul	Review On	11/3/2025 3:19:18 PM				
Supervise By	mohammad	Supervise On	11/6/2025 12:53:42 AM				
SubDirectory	BP110325	HP Acquire Method	BNA_P		HP Processing Method	BP102925	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026052.D	03 Nov 2025 10:08	RC/JU	Ok
2	SSTDCCC040	BP026053.D	03 Nov 2025 11:06	RC/JU	Ok
3	PB170342BL	BP026054.D	03 Nov 2025 11:47	RC/JU	Ok
4	PB170342BS	BP026055.D	03 Nov 2025 12:29	RC/JU	Ok,M
5	PB170346BL	BP026056.D	03 Nov 2025 13:21	RC/JU	Ok
6	PB170346BS	BP026057.D	03 Nov 2025 14:03	RC/JU	Ok,M
7	PB170346BSD	BP026058.D	03 Nov 2025 14:44	RC/JU	Ok,M
8	Q3494-01	BP026059.D	03 Nov 2025 15:32	RC/JU	Ok
9	Q3495-02	BP026060.D	03 Nov 2025 16:13	RC/JU	Ok
10	Q3495-02MS	BP026061.D	03 Nov 2025 16:54	RC/JU	Ok
11	Q3495-02MSD	BP026062.D	03 Nov 2025 17:35	RC/JU	Ok,M
12	Q3519-01	BP026063.D	03 Nov 2025 18:16	RC/JU	Ok,M
13	Q3519-01MS	BP026064.D	03 Nov 2025 18:57	RC/JU	Ok,M
14	Q3519-01MSD	BP026065.D	03 Nov 2025 19:39	RC/JU	Ok
15	Q3515-01	BP026066.D	03 Nov 2025 20:20	RC/JU	Dilution
16	Q3520-01	BP026067.D	03 Nov 2025 21:01	RC/JU	Not Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026027.D	29 Oct 2025 08:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026029.D	29 Oct 2025 10:07		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026030.D	29 Oct 2025 10:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP026031.D	29 Oct 2025 11:29		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	Compound #26,48,51,53,57,80,84 are kept on LR & Compound #32,54,65 are kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP026033.D	29 Oct 2025 12:51		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP026034.D	29 Oct 2025 13:32		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP026035.D	29 Oct 2025 14:13	Compound #26 is removed from 80ppm & 60PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP102925	BP026036.D	29 Oct 2025 16:09		RC/JU	Ok,M
11	PB170259BL	PB170259BL	BP026037.D	29 Oct 2025 16:50		RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP110325

Review By	rahul	Review On	11/3/2025 3:19:18 PM		
Supervise By	mohammad	Supervise On	11/6/2025 12:53:42 AM		
SubDirectory	BP110325	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026052.D	03 Nov 2025 10:08		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026053.D	03 Nov 2025 11:06		RC/JU	Ok
3	PB170342BL	PB170342BL	BP026054.D	03 Nov 2025 11:47		RC/JU	Ok
4	PB170342BS	PB170342BS	BP026055.D	03 Nov 2025 12:29		RC/JU	Ok,M
5	PB170346BL	PB170346BL	BP026056.D	03 Nov 2025 13:21		RC/JU	Ok
6	PB170346BS	PB170346BS	BP026057.D	03 Nov 2025 14:03		RC/JU	Ok,M
7	PB170346BSD	PB170346BSD	BP026058.D	03 Nov 2025 14:44		RC/JU	Ok,M
8	Q3494-01	MW3	BP026059.D	03 Nov 2025 15:32		RC/JU	Ok
9	Q3495-02	SB-1025-2	BP026060.D	03 Nov 2025 16:13		RC/JU	Ok
10	Q3495-02MS	SB-1025-2MS	BP026061.D	03 Nov 2025 16:54		RC/JU	Ok
11	Q3495-02MSD	SB-1025-2MSD	BP026062.D	03 Nov 2025 17:35		RC/JU	Ok,M
12	Q3519-01	PL-01-103125	BP026063.D	03 Nov 2025 18:16		RC/JU	Ok,M
13	Q3519-01MS	PL-01-103125MS	BP026064.D	03 Nov 2025 18:57		RC/JU	Ok,M
14	Q3519-01MSD	PL-01-103125MSD	BP026065.D	03 Nov 2025 19:39		RC/JU	Ok
15	Q3515-01	SU-04-103125	BP026066.D	03 Nov 2025 20:20	Need further 2X dilution	RC/JU	Dilution
16	Q3520-01	EO-02-103125	BP026067.D	03 Nov 2025 21:01	Analyze with a lower DF	RC/JU	Not Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170346

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	10/31/2025
Matrix :	Water			**Extraction Start Time :**	08:30
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	10/31/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:25
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: [√] 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	SP6895
Surrogate	1.0ML	100/150 PPM	SP6869
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	E3980
Baked Na2SO4	N/A	EP2655
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

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
10/31/25	RS (EH Lab)	JQ/SVOC
13:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170346

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

Concentration Date: 10/31/2025

Sample ID	Client Sample ID	Test	g /(mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170346BL	SBLK346	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB170346BS	SLCS346	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB170346BSD	SLCSD346	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q3477-03	SOUTH-MAHWAH-WATER	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	R		4
Q3494-01	MW3	SVOCMS Group2	970	6	RUPESH	ritesh	1	C		5
Q3495-03	TW-1025-1	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	E		6

RS
10/31

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

170346
8:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3494 **WorkList ID :** 192821 **Department :** Extraction **Date :** 10-31-2025 08:23:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3477-03	SOUTH-MAHWAH-WATER	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/28/2025	8270E
Q3494-01	MW3	Water	SVOCMS Group2	Cool 4 deg C	GENV01	J31	10/29/2025	8270E
Q3495-03	TW-1025-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D51	10/27/2025	8270E

Date/Time 10/31/25 8:25
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: [signature]

Date/Time 10/31/25 9:00
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RS (Ext Lab)

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

LAB CHRONICLE

OrderID:	Q3494	**OrderDate:**	10/30/2025 10:22:00 AM
Client:	G Environmental	**Project:**	Communipaw
Contact:	Gary Landis	**Location:**	J31,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3494-01	**MW3**	**Water**			**10/29/25**			**10/30/25**
			SVOCMS Group2	8270E		10/31/25	11/03/25	
			SVOC-SIMGroup1	8270-Modified		11/03/25	11/04/25	