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

Hit Summary Sheet
SW-846

SDG No.: Q2826

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : WC1									
Q2826-01	WC1	SOIL	Bis(2-ethylhexyl)phthalate		180.000	J	130	390	ug/Kg
			Total Svoc :		**180.00**				
Q2826-01	WC1	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	AB	0	0	ug/Kg
Q2826-01	WC1	SOIL	Butane, 2-methoxy-2-methyl-	*	360.000	JB	0	0	ug/Kg
Q2826-01	WC1	SOIL	Hexanedioic acid, bis(2-ethylhexy	*	200.000	J	0	0	ug/Kg
			Total Tics :		**760.00**				
			Total Concentration:		**940.00**				

SAMPLE DATA

Raw Data: **BP025466.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	08/11/25
Project:	Ave B			Date Received:	08/11/25
Client Sample ID:	WC1			SDG No.:	Q2826
Lab Sample ID:	Q2826-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	88.1
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025466.D	2	08/12/25 09:15	08/18/25 18:17	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	350	U	350	750	ug/Kg
108-95-2	Phenol	50.1	U	50.1	390	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.1	U	55.1	390	ug/Kg
95-57-8	2-Chlorophenol	55.3	U	55.3	390	ug/Kg
95-48-7	2-Methylphenol	67.8	U	67.8	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85.0	U	85.0	390	ug/Kg
98-86-2	Acetophenone	66.9	U	66.9	390	ug/Kg
65794-96-9	3+4-Methylphenols	93.2	U	93.2	750	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	110	U	110	180	ug/Kg
67-72-1	Hexachloroethane	39.9	U	39.9	390	ug/Kg
98-95-3	Nitrobenzene	41.5	U	41.5	390	ug/Kg
78-59-1	Isophorone	74.4	U	74.4	390	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	390	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	390	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	69.9	U	69.9	390	ug/Kg
120-83-2	2,4-Dichlorophenol	64.2	U	64.2	390	ug/Kg
91-20-3	Naphthalene	51.5	U	51.5	390	ug/Kg
106-47-8	4-Chloroaniline	80.3	U	80.3	390	ug/Kg
87-68-3	Hexachlorobutadiene	57.4	U	57.4	390	ug/Kg
105-60-2	Caprolactam	120	U	120	750	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65.1	U	65.1	390	ug/Kg
91-57-6	2-Methylnaphthalene	58.1	U	58.1	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	260	U	260	750	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.9	U	44.9	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	66.0	U	66.0	390	ug/Kg
92-52-4	1,1-Biphenyl	49.4	U	49.4	390	ug/Kg
91-58-7	2-Chloronaphthalene	51.0	U	51.0	390	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	390	ug/Kg
131-11-3	Dimethylphthalate	61.5	U	61.5	390	ug/Kg

Raw Data: **BP025466.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	08/11/25
Project:	Ave B			Date Received:	08/11/25
Client Sample ID:	WC1			SDG No.:	Q2826
Lab Sample ID:	Q2826-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	88.1
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025466.D	2	08/12/25 09:15	08/18/25 18:17	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	65.5	U	65.5	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	76.2	U	76.2	390	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	390	ug/Kg
83-32-9	Acenaphthene	48.3	U	48.3	390	ug/Kg
51-28-5	2,4-Dinitrophenol	520	U	520	750	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	750	ug/Kg
132-64-9	Dibenzofuran	51.5	U	51.5	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	390	ug/Kg
84-66-2	Diethylphthalate	64.2	U	64.2	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.6	U	60.6	390	ug/Kg
86-73-7	Fluorene	57.4	U	57.4	390	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	750	ug/Kg
86-30-6	n-Nitrosodiphenylamine	74.6	U	74.6	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63.0	U	63.0	390	ug/Kg
118-74-1	Hexachlorobenzene	57.4	U	57.4	390	ug/Kg
1912-24-9	Atrazine	77.1	U	77.1	390	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	750	ug/Kg
85-01-8	Phenanthrene	47.4	U	47.4	390	ug/Kg
120-12-7	Anthracene	75.5	U	75.5	390	ug/Kg
86-74-8	Carbazole	70.8	U	70.8	390	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	390	ug/Kg
206-44-0	Fluoranthene	68.0	U	68.0	390	ug/Kg
129-00-0	Pyrene	81.6	U	81.6	390	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	83.2	U	83.2	750	ug/Kg
56-55-3	Benzo(a)anthracene	52.2	U	52.2	390	ug/Kg
218-01-9	Chrysene	45.1	U	45.1	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	J	130	390	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	750	ug/Kg
205-99-2	Benzo(b)fluoranthene	43.1	U	43.1	390	ug/Kg

Raw Data: **BP025466.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	08/11/25
Project:	Ave B			Date Received:	08/11/25
Client Sample ID:	WC1			SDG No.:	Q2826
Lab Sample ID:	Q2826-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	88.1
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025466.D	2	08/12/25 09:15	08/18/25 18:17	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	50.8	U	50.8	390	ug/Kg
50-32-8	Benzo(a)pyrene	66.9	U	66.9	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66.0	U	66.0	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62.1	U	62.1	390	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58.3	U	58.3	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.1	U	58.1	390	ug/Kg
123-91-1	1,4-Dioxane	100	U	100	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62.1	U	62.1	390	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	38.1	*	30 (18) - 130 (112)	25%	SPK: 150
13127-88-3	Phenol-d6	41.7	*	30 (15) - 130 (107)	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	26.3	*	30 (18) - 130 (107)	26%	SPK: 100
321-60-8	2-Fluorobiphenyl	27.5	*	30 (20) - 130 (109)	27%	SPK: 100
118-79-6	2,4,6-Tribromophenol	23.5	*	30 (10) - 130 (116)	16%	SPK: 150
1718-51-0	Terphenyl-d14	28.6	*	30 (10) - 130 (105)	29%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	171000	7.79			
1146-65-2	Naphthalene-d8	684000	10.554			
15067-26-2	Acenaphthene-d10	428000	14.401			
1517-22-2	Phenanthrene-d10	882000	17.201			
1719-03-5	Chrysene-d12	895000	21.642			
1520-96-3	Perylene-d12	1040000	25.013			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	360	JB		3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	AB		4.95	ug/Kg
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	200	J		20.7	ug/Kg

Raw Data: **BP025466.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	08/11/25
Project:	Ave B			Date Received:	08/11/25
Client Sample ID:	WC1			SDG No.:	Q2826
Lab Sample ID:	Q2826-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	88.1
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025466.D	2	08/12/25 09:15	08/18/25 18:17	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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.: Q2826

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169210BL	PB169210BL	2-Fluorophenol	150	123	82		30 (18)	130 (112)
		Phenol-d6	150	120	80		30 (15)	130 (107)
		Nitrobenzene-d5	100	97.5	98		30 (18)	130 (107)
		2-Fluorobiphenyl	100	90.2	90		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	166	110		30 (10)	130 (116)
		Terphenyl-d14	100	101	101		30 (10)	130 (105)
PB169210BS	PB169210BS	2-Fluorophenol	150	136	91		30 (18)	130 (112)
		Phenol-d6	150	138	92		30 (15)	130 (107)
		Nitrobenzene-d5	100	79.6	80		30 (18)	130 (107)
		2-Fluorobiphenyl	100	79.7	80		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	138	92		30 (10)	130 (116)
		Terphenyl-d14	100	83.1	83		30 (10)	130 (105)
Q2826-01	WC1	2-Fluorophenol	150	38.1	25	*	30 (18)	130 (112)
		Phenol-d6	150	41.7	28	*	30 (15)	130 (107)
		Nitrobenzene-d5	100	26.3	26	*	30 (18)	130 (107)
		2-Fluorobiphenyl	100	27.5	27	*	30 (20)	130 (109)
		2,4,6-Tribromophenol	150	23.5	16	*	30 (10)	130 (116)
		Terphenyl-d14	100	28.6	29	*	30 (10)	130 (105)
Q2830-05MS	BIN0009-DRIVEWAY-TP-WESTSID	2-Fluorophenol	150	95.7	64		30 (18)	130 (112)
		Phenol-d6	150	95.4	64		30 (15)	130 (107)
		Nitrobenzene-d5	100	75.4	75		30 (18)	130 (107)
		2-Fluorobiphenyl	100	68.9	69		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	121	81		30 (10)	130 (116)
		Terphenyl-d14	100	58.4	58		30 (10)	130 (105)
Q2830-05MSD	BIN0009-DRIVEWAY-TP-WESTSID	2-Fluorophenol	150	97.8	65		30 (18)	130 (112)
		Phenol-d6	150	101	67		30 (15)	130 (107)
		Nitrobenzene-d5	100	77.3	77		30 (18)	130 (107)
		2-Fluorobiphenyl	100	65.9	66		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	142	95		30 (10)	130 (116)
		Terphenyl-d14	100	77.5	78		30 (10)	130 (105)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BF143367.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2830-05MS		**Client Sample ID: BIN0009-DRIVEWAY-TP-WESTSIDE**									
Benzaldehyde	1200	0	820	ug/Kg	68				20 (10)	160 (171)	
Phenol	1200	0	1000	ug/Kg	83				20 (51)	160 (122)	
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92				70 (54)	130 (125)	
2-Chlorophenol	1200	0	1100	ug/Kg	92				70 (51)	130 (121)	
2-Methylphenol	1200	0	1100	ug/Kg	92				70 (47)	130 (125)	
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92				70 (46)	130 (119)	
Acetophenone	1200	0	1100	ug/Kg	92				70 (55)	130 (128)	
3+4-Methylphenols	1200	0	1000	ug/Kg	83				20 (49)	160 (125)	
N-Nitroso-di-n-propylamine	1200	0	1100	ug/Kg	92				70 (59)	130 (119)	
Hexachloroethane	1200	0	1200	ug/Kg	100				20 (51)	160 (116)	
Nitrobenzene	1200	0	1100	ug/Kg	92				70 (47)	130 (124)	
Isophorone	1200	0	1100	ug/Kg	92				70 (49)	130 (127)	
2-Nitrophenol	1200	0	1400	ug/Kg	117				70 (43)	130 (131)	
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100				70 (63)	130 (151)	
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92				70 (51)	130 (119)	
2,4-Dichlorophenol	1200	0	1200	ug/Kg	100				70 (50)	130 (122)	
Naphthalene	1200	0	1100	ug/Kg	92				70 (51)	130 (121)	
4-Chloroaniline	1200	0	600	ug/Kg	50	*			70 (10)	130 (100)	
Hexachlorobutadiene	1200	0	1200	ug/Kg	100				70 (44)	130 (126)	
Caprolactam	1200	0	1200	ug/Kg	100				20 (51)	160 (134)	
4-Chloro-3-methylphenol	1200	0	1100	ug/Kg	92				70 (57)	130 (132)	
2-Methylnaphthalene	1200	0	1000	ug/Kg	83				70 (59)	130 (123)	
Hexachlorocyclopentadiene	2500	0	2800	ug/Kg	112				20 (10)	160 (175)	
2,4,6-Trichlorophenol	1200	0	1300	ug/Kg	108				70 (33)	130 (141)	
2,4,5-Trichlorophenol	1200	0	1200	ug/Kg	100				70 (38)	130 (135)	
1,1-Biphenyl	1200	0	1100	ug/Kg	92				70 (55)	130 (131)	
2-Chloronaphthalene	1200	0	1100	ug/Kg	92				70 (48)	130 (124)	
2-Nitroaniline	1200	0	1200	ug/Kg	100				70 (47)	130 (134)	
Dimethylphthalate	1200	0	1200	ug/Kg	100				70 (54)	130 (120)	
Acenaphthylene	1200	0	1200	ug/Kg	100				70 (57)	130 (125)	
2,6-Dinitrotoluene	1200	0	1300	ug/Kg	108				70 (48)	130 (127)	
3-Nitroaniline	1200	0	820	ug/Kg	68	*			70 (10)	130 (112)	
Acenaphthene	1200	0	1200	ug/Kg	100				70 (70)	130 (121)	
2,4-Dinitrophenol	2500	0	2300	ug/Kg	92				20 (10)	160 (155)	
4-Nitrophenol	2500	0	1900	ug/Kg	76				20 (10)	160 (175)	
Dibenzofuran	1200	0	1100	ug/Kg	92				70 (52)	130 (114)	
2,4-Dinitrotoluene	1200	0	1300	ug/Kg	108				70 (41)	130 (140)	
Diethylphthalate	1200	0	1200	ug/Kg	100				70 (51)	130 (119)	
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92				70 (48)	130 (122)	
Fluorene	1200	0	1100	ug/Kg	92				70 (53)	130 (118)	
4-Nitroaniline	1200	0	1200	ug/Kg	100				70 (29)	130 (140)	
4,6-Dinitro-2-methylphenol	1200	0	1500	ug/Kg	125				70 (10)	130 (160)	
N-Nitrosodiphenylamine	1200	0	1200	ug/Kg	100				70 (73)	130 (118)	
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100				70 (65)	130 (121)	
Hexachlorobenzene	1200	0	1200	ug/Kg	100				70 (67)	130 (118)	
Atrazine	1200	0	1400	ug/Kg	117				70 (45)	130 (175)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BF143367.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2500	0	2300	ug/Kg	92				20 (13)	160 (153)	
Phenanthrene	1200	0	1100	ug/Kg	92				70 (52)	130 (128)	
Anthracene	1200	0	1100	ug/Kg	92				70 (62)	130 (124)	
Carbazole	1200	0	1100	ug/Kg	92				70 (59)	130 (119)	
Di-n-butylphthalate	1200	0	1600	ug/Kg	133	*			70 (55)	130 (125)	
Fluoranthene	1200	0	1200	ug/Kg	100				70 (44)	130 (125)	
Pyrene	1200	0	870	ug/Kg	73				70 (37)	130 (122)	
Butylbenzylphthalate	1200	0	1800	ug/Kg	150	*			70 (44)	130 (135)	
3,3-Dichlorobenzidine	1200	0	960	ug/Kg	80				70 (15)	130 (112)	
Benzo(a)anthracene	1200	0	1100	ug/Kg	92				70 (53)	130 (119)	
Chrysene	1200	0	1100	ug/Kg	92				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	1200	120	1800	ug/Kg	140	*			70 (42)	130 (169)	
Di-n-octyl phthalate	1200	0	1600	ug/Kg	133	*			70 (51)	130 (156)	
Benzo(b)fluoranthene	1200	0	1200	ug/Kg	100				70 (52)	130 (117)	
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92				70 (57)	130 (134)	
Benzo(a)pyrene	1200	0	1200	ug/Kg	100				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	1200	0	1100	ug/Kg	92				70 (40)	130 (129)	
Dibenz(a,h)anthracene	1200	0	1100	ug/Kg	92				70 (43)	130 (123)	
Benzo(g,h,i)perylene	1200	0	1100	ug/Kg	92				70 (24)	130 (125)	
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92				70 (52)	130 (134)	
1,4-Dioxane	1200	0	980	ug/Kg	82				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	1200	0	1400	ug/Kg	117				70 (24)	130 (146)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BF143368.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2830-05MSD		**Client Sample ID: BIN0009-DRIVEWAY-TP-WESTSIDE**									
Benzaldehyde	1200	0	870	ug/Kg	73		7		20 (10)	160 (171)	30 (20)
Phenol	1200	0	1100	ug/Kg	92		10		20 (51)	160 (122)	30 (20)
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92		0		70 (54)	130 (125)	30 (20)
2-Chlorophenol	1200	0	1200	ug/Kg	100		8		70 (51)	130 (121)	30 (20)
2-Methylphenol	1200	0	1200	ug/Kg	100		8		70 (47)	130 (125)	30 (20)
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92		0		70 (46)	130 (119)	30 (20)
Acetophenone	1200	0	1100	ug/Kg	92		0		70 (55)	130 (128)	30 (20)
3+4-Methylphenols	1200	0	1100	ug/Kg	92		10		20 (49)	160 (125)	30 (20)
N-Nitroso-di-n-propylamine	1200	0	1100	ug/Kg	92		0		70 (59)	130 (119)	30 (20)
Hexachloroethane	1200	0	1200	ug/Kg	100		0		20 (51)	160 (116)	30 (20)
Nitrobenzene	1200	0	1200	ug/Kg	100		8		70 (47)	130 (124)	30 (20)
Isophorone	1200	0	1200	ug/Kg	100		8		70 (49)	130 (127)	30 (20)
2-Nitrophenol	1200	0	1400	ug/Kg	117		0		70 (43)	130 (131)	30 (20)
2,4-Dimethylphenol	1200	0	1300	ug/Kg	108		8		70 (63)	130 (151)	30 (20)
bis(2-Chloroethoxy)methane	1200	0	1200	ug/Kg	100		8		70 (51)	130 (119)	30 (20)
2,4-Dichlorophenol	1200	0	1200	ug/Kg	100		0		70 (50)	130 (122)	30 (20)
Naphthalene	1200	0	1100	ug/Kg	92		0		70 (51)	130 (121)	30 (20)
4-Chloroaniline	1200	0	550	ug/Kg	46	*	8		70 (10)	130 (100)	30 (20)
Hexachlorobutadiene	1200	0	1100	ug/Kg	92		8		70 (44)	130 (126)	30 (20)
Caprolactam	1200	0	1500	ug/Kg	125		22		20 (51)	160 (134)	30 (20)
4-Chloro-3-methylphenol	1200	0	1300	ug/Kg	108		16		70 (57)	130 (132)	30 (20)
2-Methylnaphthalene	1200	0	1000	ug/Kg	83		0		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	2500	0	2700	ug/Kg	108		4		20 (10)	160 (175)	30 (20)
2,4,6-Trichlorophenol	1200	0	1300	ug/Kg	108		0		70 (33)	130 (141)	30 (20)
2,4,5-Trichlorophenol	1200	0	1200	ug/Kg	100		0		70 (38)	130 (135)	30 (20)
1,1-Biphenyl	1200	0	1100	ug/Kg	92		0		70 (55)	130 (131)	30 (20)
2-Chloronaphthalene	1200	0	1100	ug/Kg	92		0		70 (48)	130 (124)	30 (20)
2-Nitroaniline	1200	0	1300	ug/Kg	108		8		70 (47)	130 (134)	30 (20)
Dimethylphthalate	1200	0	1300	ug/Kg	108		8		70 (54)	130 (120)	30 (20)
Acenaphthylene	1200	0	1200	ug/Kg	100		0		70 (57)	130 (125)	30 (20)
2,6-Dinitrotoluene	1200	0	1500	ug/Kg	125		15		70 (48)	130 (127)	30 (20)
3-Nitroaniline	1200	0	990	ug/Kg	83		20		70 (10)	130 (112)	30 (20)
Acenaphthene	1200	0	1200	ug/Kg	100		0		70 (70)	130 (121)	30 (20)
2,4-Dinitrophenol	2500	0	2700	ug/Kg	108		16		20 (10)	160 (155)	30 (20)
4-Nitrophenol	2500	0	2400	ug/Kg	96		23		20 (10)	160 (175)	30 (20)
Dibenzofuran	1200	0	1100	ug/Kg	92		0		70 (52)	130 (114)	30 (20)
2,4-Dinitrotoluene	1200	0	1500	ug/Kg	125		15		70 (41)	130 (140)	30 (20)
Diethylphthalate	1200	0	1400	ug/Kg	117		16		70 (51)	130 (119)	30 (20)
4-Chlorophenyl-phenylether	1200	0	1200	ug/Kg	100		8		70 (48)	130 (122)	30 (20)
Fluorene	1200	0	1100	ug/Kg	92		0		70 (53)	130 (118)	30 (20)
4-Nitroaniline	1200	0	1500	ug/Kg	125		22		70 (29)	130 (140)	30 (20)
4,6-Dinitro-2-methylphenol	1200	0	1600	ug/Kg	133	*	6		70 (10)	130 (160)	30 (20)
N-Nitrosodiphenylamine	1200	0	1100	ug/Kg	92		8		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100		0		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	1200	0	1100	ug/Kg	92		8		70 (67)	130 (118)	30 (20)
Atrazine	1200	0	1400	ug/Kg	117		0		70 (45)	130 (175)	30 (20)

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BF143368.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	2500	0	2500	ug/Kg	100		8		20 (13)	160 (153)	30 (20)
Phenanthrene	1200	0	1100	ug/Kg	92		0		70 (52)	130 (128)	30 (20)
Anthracene	1200	0	1100	ug/Kg	92		0		70 (62)	130 (124)	30 (20)
Carbazole	1200	0	1100	ug/Kg	92		0		70 (59)	130 (119)	30 (20)
Di-n-butylphthalate	1200	0	1700	ug/Kg	142	*	7		70 (55)	130 (125)	30 (20)
Fluoranthene	1200	0	1300	ug/Kg	108		8		70 (44)	130 (125)	30 (20)
Pyrene	1200	0	1200	ug/Kg	100		31	*	70 (37)	130 (122)	30 (20)
Butylbenzylphthalate	1200	0	2300	ug/Kg	192	*	25		70 (44)	130 (135)	30 (20)
3,3-Dichlorobenzidine	1200	0	860	ug/Kg	72		11		70 (15)	130 (112)	30 (20)
Benzo(a)anthracene	1200	0	1100	ug/Kg	92		0		70 (53)	130 (119)	30 (20)
Chrysene	1200	0	1200	ug/Kg	100		8		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	1200	120	2000	ug/Kg	157	*	11		70 (42)	130 (169)	30 (20)
Di-n-octyl phthalate	1200	0	1400	ug/Kg	117		13		70 (51)	130 (156)	30 (20)
Benzo(b)fluoranthene	1200	0	1200	ug/Kg	100		0		70 (52)	130 (117)	30 (20)
Benzo(k)fluoranthene	1200	0	1300	ug/Kg	108		16		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	1200	0	1200	ug/Kg	100		0		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	1200	0	1100	ug/Kg	92		0		70 (40)	130 (129)	30 (20)
Dibenz(a,h)anthracene	1200	0	1200	ug/Kg	100		8		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	1200	0	1100	ug/Kg	92		0		70 (24)	130 (125)	30 (20)
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92		0		70 (52)	130 (134)	30 (20)
1,4-Dioxane	1200	0	980	ug/Kg	82		0		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	1200	0	1600	ug/Kg	133	*	13		70 (24)	130 (146)	30 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025402.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169210BS	Benzaldehyde	1700	1000	ug/Kg	59				20 (10)	160 (133)	
	Phenol	1700	1700	ug/Kg	100				20 (62)	160 (112)	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				70 (60)	130 (101)	
	2-Chlorophenol	1700	1600	ug/Kg	94				70 (65)	130 (112)	
	2-Methylphenol	1700	1700	ug/Kg	100				70 (61)	130 (108)	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				70 (51)	130 (100)	
	Acetophenone	1700	1500	ug/Kg	88				70 (66)	130 (98)	
	3+4-Methylphenols	1700	1600	ug/Kg	94				20 (58)	160 (111)	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				70 (63)	130 (95)	
	Hexachloroethane	1700	1500	ug/Kg	88				20 (72)	160 (108)	
	Nitrobenzene	1700	1500	ug/Kg	88				70 (57)	130 (101)	
	Isophorone	1700	1500	ug/Kg	88				70 (59)	130 (99)	
	2-Nitrophenol	1700	1600	ug/Kg	94				70 (61)	130 (111)	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				70 (46)	130 (141)	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				70 (66)	130 (97)	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				70 (62)	130 (107)	
	Naphthalene	1700	1500	ug/Kg	88				70 (62)	130 (100)	
	4-Chloroaniline	1700	1400	ug/Kg	82				70 (16)	130 (100)	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				70 (53)	130 (98)	
	Caprolactam	1700	1600	ug/Kg	94				20 (67)	160 (110)	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				70 (58)	130 (112)	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				70 (60)	130 (104)	
	Hexachlorocyclopentadiene	3300	3100	ug/Kg	94				20 (45)	160 (165)	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				70 (59)	130 (102)	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100				70 (61)	130 (98)	
	1,1-Biphenyl	1700	1600	ug/Kg	94				70 (57)	130 (103)	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				70 (58)	130 (99)	
	2-Nitroaniline	1700	1600	ug/Kg	94				70 (66)	130 (101)	
	Dimethylphthalate	1700	1600	ug/Kg	94				70 (61)	130 (99)	
	Acenaphthylene	1700	1600	ug/Kg	94				70 (63)	130 (101)	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				70 (61)	130 (104)	
	3-Nitroaniline	1700	1500	ug/Kg	88				70 (28)	130 (100)	
	Acenaphthene	1700	1600	ug/Kg	94				70 (57)	130 (104)	
	2,4-Dinitrophenol	3300	3700	ug/Kg	112				20 (37)	160 (128)	
	4-Nitrophenol	3300	3500	ug/Kg	106				20 (48)	160 (119)	
	Dibenzofuran	1700	1500	ug/Kg	88				70 (63)	130 (99)	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				70 (60)	130 (106)	
	Diethylphthalate	1700	1600	ug/Kg	94				70 (60)	130 (101)	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				70 (58)	130 (98)	
	Fluorene	1700	1500	ug/Kg	88				70 (61)	130 (101)	
	4-Nitroaniline	1700	1600	ug/Kg	94				70 (64)	130 (103)	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				70 (76)	130 (113)	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				70 (71)	130 (99)	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				70 (66)	130 (102)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025402.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169210BS	Hexachlorobenzene	1700	1600	ug/Kg	94				70 (64)	130 (98)	
	Atrazine	1700	1600	ug/Kg	94				70 (47)	130 (152)	
	Pentachlorophenol	3300	3200	ug/Kg	97				20 (67)	160 (105)	
	Phenanthrene	1700	1600	ug/Kg	94				70 (59)	130 (103)	
	Anthracene	1700	1600	ug/Kg	94				70 (61)	130 (105)	
	Carbazole	1700	1600	ug/Kg	94				70 (61)	130 (99)	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				70 (58)	130 (104)	
	Fluoranthene	1700	1600	ug/Kg	94				70 (57)	130 (107)	
	Pyrene	1700	1600	ug/Kg	94				70 (59)	130 (103)	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				70 (55)	130 (103)	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				70 (42)	130 (91)	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				70 (60)	130 (102)	
	Chrysene	1700	1600	ug/Kg	94				70 (59)	130 (101)	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				70 (54)	130 (135)	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				70 (52)	130 (137)	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				70 (62)	130 (109)	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				70 (62)	130 (109)	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				70 (63)	130 (103)	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				70 (63)	130 (101)	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				70 (61)	130 (112)	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70 (70)	130 (108)	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				70 (53)	130 (101)	
	1,4-Dioxane	1700	1400	ug/Kg	82				20 (50)	160 (96)	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				70 (59)	130 (108)	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169210BL

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2826

Lab File ID: BF143366.D | Lab Sample ID: PB169210BL

Instrument ID: BNA_F | Date Extracted: 08/12/2025

Matrix: (soil/water) SOIL | Date Analyzed: 08/13/2025

Level: (low/med) LOW | Time Analyzed: 10:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BIN0009-DRIVEWAY-TP-WESTSIDEMS	Q2830-05MS	BF143367.D	08/13/2025
BIN0009-DRIVEWAY-TP-WESTSIDEMSD	Q2830-05MSD	BF143368.D	08/13/2025
PB169210BS	PB169210BS	BP025402.D	08/14/2025
WC1	Q2826-01	BP025466.D	08/18/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2826

Lab File ID: BF143342.D DFTPP Injection Date: 08/12/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	29.6
70	Less than 2.0% of mass 69	0.2 (0.5) 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	5.5
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143343.D	08/12/2025	09:03
SSTDICC005	SSTDICC005	BF143344.D	08/12/2025	09:34
SSTDICC010	SSTDICC010	BF143345.D	08/12/2025	10:04
SSTDICC020	SSTDICC020	BF143346.D	08/12/2025	10:35
SSTDICCC040	SSTDICCC040	BF143347.D	08/12/2025	11:06
SSTDICC050	SSTDICC050	BF143348.D	08/12/2025	11:37
SSTDICC060	SSTDICC060	BF143349.D	08/12/2025	12:07
SSTDICC080	SSTDICC080	BF143350.D	08/12/2025	12:38

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2826

Lab File ID: BF143364.D DFTPP Injection Date: 08/13/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	29.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.5
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.8 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143365.D	08/13/2025	10:00
PB169210BL	PB169210BL	BF143366.D	08/13/2025	10:30
BIN0009-DRIVEWAY-TP-WESTSIDEMS	Q2830-05MS	BF143367.D	08/13/2025	11:12
BIN0009-DRIVEWAY-TP-WESTSIDEMSD	Q2830-05MSD	BF143368.D	08/13/2025	11:42

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2826

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

Instrument ID: BNA_P DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	23.1
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025392.D	08/14/2025	12:33
SSTDICC005	SSTDICC005	BP025393.D	08/14/2025	13:15
SSTDICC010	SSTDICC010	BP025394.D	08/14/2025	13:56
SSTDICC020	SSTDICC020	BP025395.D	08/14/2025	14:38
SSTDICCC040	SSTDICCC040	BP025396.D	08/14/2025	15:19
SSTDICC050	SSTDICC050	BP025397.D	08/14/2025	16:01
SSTDICC060	SSTDICC060	BP025398.D	08/14/2025	16:42
SSTDICC080	SSTDICC080	BP025399.D	08/14/2025	17:24
PB169210BS	PB169210BS	BP025402.D	08/14/2025	20:10

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2826

Lab File ID: BP025454.D DFTPP Injection Date: 08/18/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	34.7
70	Less than 2.0% of mass 69	0.2 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	91.1
443	15.0 - 24.0% of mass 442	17.8 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025455.D	08/18/2025	10:39
WC1	Q2826-01	BP025466.D	08/18/2025	18:17

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2826

Client ID : SSTDCCC040 Date Analyzed: 08/13/2025

Lab File ID: BF143365.D Time Analyzed: 10:00

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	155874	6.934	589243	8.21	314886	9.96
	UPPER LIMIT	311748	7.434	1178490	8.71	629772	10.463
	LOWER LIMIT	77937	6.434	294622	7.71	157443	9.463
	EPA SAMPLE NO.						
01	PB169210BL	176496	6.93	674917	8.21	354793	9.96
02	BIN0009-DRIVEWAY-TP-WESTSIDEMS	137804	6.93	517024	8.21	272568	9.96
03	BIN0009-DRIVEWAY-TP-WESTSIDEMS	182122	6.93	707644	8.21	400799	9.97

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.: Q2826

Client ID: SSTDCCC040 Date Analyzed: 08/13/2025

Lab File ID: BF143365.D Time Analyzed: 10:00

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	455320	11.451	268507	14.092	321267	15.58
	UPPER LIMIT	910640	11.951	537014	14.592	642534	16.08
	LOWER LIMIT	227660	10.951	134254	13.592	160634	15.08
	EPA SAMPLE NO.						
01	PB169210BL	604678	11.45	338429	14.09	291238	15.58
02	BIN0009-DRIVEWAY-TP-WESTSI	391965	11.45	309493	14.09	383464	15.58
03	BIN0009-DRIVEWAY-TP-WESTSI	660496	11.45	401162	14.09	380758	15.58

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2826

Client ID : SSTDICCC040 Date Analyzed: 08/14/2025

Lab File ID: BP025396.D Time Analyzed: 15:19

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	157704	7.796	663553	10.56	441110	14.41
	UPPER LIMIT	315408	8.296	1327110	11.06	882220	14.907
	LOWER LIMIT	78852	7.296	331777	10.06	220555	13.907
	EPA SAMPLE NO.						
01	PB169210BS	156059	7.79	650560	10.56	435539	14.41

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2826

Client ID: SSTDICCC040 Date Analyzed: 08/14/2025

Lab File ID: BP025396.D Time Analyzed: 15:19

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	884529	17.201	899207	21.648	1022140	25.03
	UPPER LIMIT	1769060	17.701	1798410	22.148	2044280	25.53
	LOWER LIMIT	442265	16.701	449604	21.148	511070	24.53
	EPA SAMPLE NO.						
01	PB169210BS	895607	17.20	937531	21.65	1016820	25.02

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2826

Client ID : SSTDCCC040 Date Analyzed: 08/18/2025

Lab File ID: BP025455.D Time Analyzed: 10:39

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	129439	7.778	550485	10.55	359982	14.40
	UPPER LIMIT	258878	8.278	1100970	11.048	719964	14.901
	LOWER LIMIT	64719.5	7.278	275243	10.048	179991	13.901
	EPA SAMPLE NO.						
01	WC1	171293	7.79	683551	10.55	427689	14.40

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2826

Client ID: SSTDCCC040 Date Analyzed: 08/18/2025

Lab File ID: BP025455.D Time Analyzed: 10:39

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	707933	17.189	748424	21.63	846697	25
	UPPER LIMIT	1415870	17.689	1496850	22.13	1693390	25.5
	LOWER LIMIT	353967	16.689	374212	21.13	423349	24.5
	EPA SAMPLE NO.						
01	WC1	882062	17.20	894833	21.64	1035070	25.01

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

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

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

QC SAMPLE DATA

Raw Data: **BF143366.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB169210BL			SDG No.:	Q2826
Lab Sample ID:	PB169210BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143366.D	1	08/12/25 09:15	08/13/25 10:30	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.1	U	58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.7	U	64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.0	U	52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Raw Data: **BF143366.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB169210BL			SDG No.:	Q2826
Lab Sample ID:	PB169210BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143366.D	1	08/12/25 09:15	08/13/25 10:30	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.0	U	50.0	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.2	U	51.2	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.3	U	71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.1	U	59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.7	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Raw Data: **BF143366.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB169210BL			SDG No.:	Q2826
Lab Sample ID:	PB169210BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143366.D	1	08/12/25 09:15	08/13/25 10:30	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	123		30 (18) - 130 (112)	82%	SPK: 150
13127-88-3	Phenol-d6	120		30 (15) - 130 (107)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.5		30 (18) - 130 (107)	98%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.2		30 (20) - 130 (109)	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	166		30 (10) - 130 (116)	110%	SPK: 150
1718-51-0	Terphenyl-d14	101		30 (10) - 130 (105)	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	176000	6.928			
1146-65-2	Naphthalene-d8	675000	8.21			
15067-26-2	Acenaphthene-d10	355000	9.963			
1517-22-2	Phenanthrene-d10	605000	11.451			
1719-03-5	Chrysene-d12	338000	14.086			
1520-96-3	Perylene-d12	291000	15.58			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	86.9	J		2.32	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	340	A		5.18	ug/Kg

Raw Data: **BF143366.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB169210BL			SDG No.:	Q2826
Lab Sample ID:	PB169210BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143366.D	1	08/12/25 09:15	08/13/25 10:30	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

Raw Data: **BP025402.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB169210BS			SDG No.:	Q2826
Lab Sample ID:	PB169210BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025402.D	1	08/12/25 09:15	08/14/25 20:10	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1000		160	330	ug/Kg
108-95-2	Phenol	1700		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1600		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1700		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		37.5	170	ug/Kg
98-86-2	Acetophenone	1500		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1500		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1600		58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	1400		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		25.3	170	ug/Kg
105-60-2	Caprolactam	1600		52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1600		27.1	170	ug/Kg

Raw Data: **BP025402.D**

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:	Ave B			Date Received:	
Client Sample ID:	PB169210BS			SDG No.:	Q2826
Lab Sample ID:	PB169210BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025402.D	1	08/12/25 09:15	08/14/25 20:10	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1600		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1500		46.0	170	ug/Kg
83-32-9	Acenaphthene	1600		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3700	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3500	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1500		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		50.1	170	ug/Kg
84-66-2	Diethylphthalate	1600		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1600		64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		25.3	170	ug/Kg
1912-24-9	Atrazine	1600		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3200	E	51.3	330	ug/Kg
85-01-8	Phenanthrene	1600		20.9	170	ug/Kg
120-12-7	Anthracene	1600		33.3	170	ug/Kg
86-74-8	Carbazole	1600		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		47.9	170	ug/Kg
206-44-0	Fluoranthene	1600		30.0	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1600		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg

Raw Data: **BP025402.D**

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:	Ave B			Date Received:	
Client Sample ID:	PB169210BS			SDG No.:	Q2826
Lab Sample ID:	PB169210BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025402.D	1	08/12/25 09:15	08/14/25 20:10	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1600		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1400		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	136		30 (18) - 130 (112)	91%	SPK: 150
13127-88-3	Phenol-d6	138		30 (15) - 130 (107)	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.6		30 (18) - 130 (107)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.7		30 (20) - 130 (109)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		30 (10) - 130 (116)	92%	SPK: 150
1718-51-0	Terphenyl-d14	83.1		30 (10) - 130 (105)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	156000	7.79			
1146-65-2	Naphthalene-d8	651000	10.56			
15067-26-2	Acenaphthene-d10	436000	14.413			
1517-22-2	Phenanthrene-d10	896000	17.201			
1719-03-5	Chrysene-d12	938000	21.648			
1520-96-3	Perylene-d12	1020000	25.018			

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

Raw Data: **BF143367.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMS	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143367.D	1	08/12/25 09:15	08/13/25 11:12	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	820		120	240	ug/Kg
108-95-2	Phenol	1000		16.4	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		18.0	130	ug/Kg
95-57-8	2-Chlorophenol	1100		18.1	130	ug/Kg
95-48-7	2-Methylphenol	1100		22.1	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		27.8	130	ug/Kg
98-86-2	Acetophenone	1100		21.8	130	ug/Kg
65794-96-9	3+4-Methylphenols	1000		30.4	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		35.1	59.2	ug/Kg
67-72-1	Hexachloroethane	1200		13.0	130	ug/Kg
98-95-3	Nitrobenzene	1100		13.6	130	ug/Kg
78-59-1	Isophorone	1100		24.3	130	ug/Kg
88-75-5	2-Nitrophenol	1400		43.1	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		48.0	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		22.8	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		21.0	130	ug/Kg
91-20-3	Naphthalene	1100		16.8	130	ug/Kg
106-47-8	4-Chloroaniline	600		26.2	130	ug/Kg
87-68-3	Hexachlorobutadiene	1200		18.7	130	ug/Kg
105-60-2	Caprolactam	1200		38.6	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		21.3	130	ug/Kg
91-57-6	2-Methylnaphthalene	1000		19.0	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	E	85.9	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		14.7	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		21.6	130	ug/Kg
92-52-4	1,1-Biphenyl	1100		16.1	130	ug/Kg
91-58-7	2-Chloronaphthalene	1100		16.7	130	ug/Kg
88-74-4	2-Nitroaniline	1200		35.6	130	ug/Kg
131-11-3	Dimethylphthalate	1200		20.1	130	ug/Kg

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

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMS	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143367.D	1	08/12/25 09:15	08/13/25 11:12	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1200		21.4	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		24.9	130	ug/Kg
99-09-2	3-Nitroaniline	820		34.1	130	ug/Kg
83-32-9	Acenaphthene	1200		15.8	130	ug/Kg
51-28-5	2,4-Dinitrophenol	2300	E	170	240	ug/Kg
100-02-7	4-Nitrophenol	1900		79.2	240	ug/Kg
132-64-9	Dibenzofuran	1100		16.8	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		37.1	130	ug/Kg
84-66-2	Diethylphthalate	1200		21.0	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		19.8	130	ug/Kg
86-73-7	Fluorene	1100		18.7	130	ug/Kg
100-01-6	4-Nitroaniline	1200		47.5	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		76.3	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		24.4	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		20.6	130	ug/Kg
118-74-1	Hexachlorobenzene	1200		18.7	130	ug/Kg
1912-24-9	Atrazine	1400		25.2	130	ug/Kg
87-86-5	Pentachlorophenol	2300	E	38.0	240	ug/Kg
85-01-8	Phenanthrene	1100		15.5	130	ug/Kg
120-12-7	Anthracene	1100		24.7	130	ug/Kg
86-74-8	Carbazole	1100		23.1	130	ug/Kg
84-74-2	Di-n-butylphthalate	1600		35.5	130	ug/Kg
206-44-0	Fluoranthene	1200		22.2	130	ug/Kg
129-00-0	Pyrene	870		26.7	130	ug/Kg
85-68-7	Butylbenzylphthalate	1800		52.9	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	960		27.2	240	ug/Kg
56-55-3	Benzo(a)anthracene	1100		17.0	130	ug/Kg
218-01-9	Chrysene	1100		14.7	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		43.8	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		64.3	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		14.1	130	ug/Kg

Raw Data: **BF143367.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMS	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143367.D	1	08/12/25 09:15	08/13/25 11:12	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1100		16.6	130	ug/Kg
50-32-8	Benzo(a)pyrene	1200		21.8	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		21.6	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		20.3	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		19.0	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		19.0	130	ug/Kg
123-91-1	1,4-Dioxane	980		33.5	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		20.3	130	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	95.7		30 (18) - 130 (112)	64%	SPK: 150
13127-88-3	Phenol-d6	95.4		30 (15) - 130 (107)	64%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.4		30 (18) - 130 (107)	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.9		30 (20) - 130 (109)	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		30 (10) - 130 (116)	81%	SPK: 150
1718-51-0	Terphenyl-d14	58.4		30 (10) - 130 (105)	58%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	138000	6.928			
1146-65-2	Naphthalene-d8	517000	8.21			
15067-26-2	Acenaphthene-d10	273000	9.963			
1517-22-2	Phenanthrene-d10	392000	11.451			
1719-03-5	Chrysene-d12	309000	14.092			
1520-96-3	Perylene-d12	383000	15.58			

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

Raw Data: **BF143368.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMSD	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143368.D	1	08/12/25 09:15	08/13/25 11:42	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	870		120	240	ug/Kg
108-95-2	Phenol	1100		16.4	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		18.0	130	ug/Kg
95-57-8	2-Chlorophenol	1200		18.1	130	ug/Kg
95-48-7	2-Methylphenol	1200		22.1	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		27.8	130	ug/Kg
98-86-2	Acetophenone	1100		21.8	130	ug/Kg
65794-96-9	3+4-Methylphenols	1100		30.4	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		35.1	59.2	ug/Kg
67-72-1	Hexachloroethane	1200		13.0	130	ug/Kg
98-95-3	Nitrobenzene	1200		13.5	130	ug/Kg
78-59-1	Isophorone	1200		24.3	130	ug/Kg
88-75-5	2-Nitrophenol	1400		43.1	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		48.0	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		22.8	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		21.0	130	ug/Kg
91-20-3	Naphthalene	1100		16.8	130	ug/Kg
106-47-8	4-Chloroaniline	550		26.2	130	ug/Kg
87-68-3	Hexachlorobutadiene	1100		18.7	130	ug/Kg
105-60-2	Caprolactam	1500		38.6	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		21.2	130	ug/Kg
91-57-6	2-Methylnaphthalene	1000		19.0	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	E	85.9	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		14.7	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		21.5	130	ug/Kg
92-52-4	1,1-Biphenyl	1100		16.1	130	ug/Kg
91-58-7	2-Chloronaphthalene	1100		16.7	130	ug/Kg
88-74-4	2-Nitroaniline	1300		35.6	130	ug/Kg
131-11-3	Dimethylphthalate	1300		20.1	130	ug/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMSD	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143368.D	1	08/12/25 09:15	08/13/25 11:42	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1200		21.4	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		24.9	130	ug/Kg
99-09-2	3-Nitroaniline	990		34.1	130	ug/Kg
83-32-9	Acenaphthene	1200		15.8	130	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	170	240	ug/Kg
100-02-7	4-Nitrophenol	2400	E	79.2	240	ug/Kg
132-64-9	Dibenzofuran	1100		16.8	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		37.1	130	ug/Kg
84-66-2	Diethylphthalate	1400		21.0	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		19.8	130	ug/Kg
86-73-7	Fluorene	1100		18.7	130	ug/Kg
100-01-6	4-Nitroaniline	1500		47.5	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		76.3	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		24.4	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		20.6	130	ug/Kg
118-74-1	Hexachlorobenzene	1100		18.7	130	ug/Kg
1912-24-9	Atrazine	1400		25.2	130	ug/Kg
87-86-5	Pentachlorophenol	2500	E	38.0	240	ug/Kg
85-01-8	Phenanthrene	1100		15.5	130	ug/Kg
120-12-7	Anthracene	1100		24.7	130	ug/Kg
86-74-8	Carbazole	1100		23.1	130	ug/Kg
84-74-2	Di-n-butylphthalate	1700		35.5	130	ug/Kg
206-44-0	Fluoranthene	1300		22.2	130	ug/Kg
129-00-0	Pyrene	1200		26.7	130	ug/Kg
85-68-7	Butylbenzylphthalate	2300	E	52.9	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	860		27.2	240	ug/Kg
56-55-3	Benzo(a)anthracene	1100		17.0	130	ug/Kg
218-01-9	Chrysene	1200		14.7	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		43.8	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		64.3	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		14.1	130	ug/Kg

Raw Data: **BF143368.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMSD	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143368.D	1	08/12/25 09:15	08/13/25 11:42	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1300		16.6	130	ug/Kg
50-32-8	Benzo(a)pyrene	1200		21.8	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		21.5	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		20.3	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		19.0	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		19.0	130	ug/Kg
123-91-1	1,4-Dioxane	980		33.5	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		20.3	130	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	97.8		30 (18) - 130 (112)	65%	SPK: 150
13127-88-3	Phenol-d6	101		30 (15) - 130 (107)	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.3		30 (18) - 130 (107)	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.9		30 (20) - 130 (109)	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		30 (10) - 130 (116)	95%	SPK: 150
1718-51-0	Terphenyl-d14	77.5		30 (10) - 130 (105)	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	182000	6.928			
1146-65-2	Naphthalene-d8	708000	8.21			
15067-26-2	Acenaphthene-d10	401000	9.969			
1517-22-2	Phenanthrene-d10	660000	11.451			
1719-03-5	Chrysene-d12	401000	14.092			
1520-96-3	Perylene-d12	381000	15.58			

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

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

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 12 13:25:39 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143343.D 5 =BF143344.D 10 =BF143345.D 20 =BF143346.D 40 =BF143347.D 50 =BF143348.D 60 =BF143349.D 80 =BF1433
50.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.606	0.582	0.614	0.596	0.592	0.612	0.586	0.598	2.12
3)		Pyridine		1.476	1.573	1.597	1.615	1.623	1.668	1.613	1.595	3.75
4)		n-Nitrosodimet...			0.686	0.711	0.759	0.762	0.776	0.764	0.743	4.80
5)	S	2-Fluorophenol		1.155	1.170	1.207	1.179	1.143	1.151	1.090	1.157	3.15
6)		Aniline		2.162	2.139	2.178	2.119	2.029	2.057	1.954	2.091	3.88
7)	S	Phenol-d6		1.527	1.505	1.541	1.500	1.447	1.475	1.386	1.483	3.58
8)		2-Chlorophenol		1.167	1.215	1.272	1.259	1.240	1.271	1.227	1.236	3.01
9)		Benzaldehyde			1.109	1.106	1.011	0.875	0.800		0.980	14.15
10)	C	Phenol		1.823	1.791	1.843	1.783	1.721	1.734	1.604	1.757	4.56
11)		bis(2-Chloroet...		1.357	1.304	1.333	1.306	1.252	1.279	1.235	1.295	3.34
12)		1,3-Dichlorobe...		1.551	1.479	1.482	1.432	1.364	1.386	1.285	1.425	6.21
13)	C	1,4-Dichlorobe...		1.576	1.510	1.485	1.414	1.370	1.366	1.294	1.431	6.82
14)		1,2-Dichlorobe...		1.486	1.416	1.407	1.347	1.295	1.309	1.247	1.358	6.09
15)		Benzyl Alcohol			0.980	1.069	1.088	1.066	1.097	1.079	1.063	3.98
16)		2,2'-oxybis(1-...		2.521	2.408	2.435	2.317	2.214	2.224	2.065	2.312	6.76
17)		2-Methylphenol		1.017	1.038	1.077	1.064	1.036	1.059	1.012	1.043	2.35
18)		Hexachloroethane		0.425	0.433	0.460	0.462	0.449	0.466	0.444	0.449	3.42
19)	P	n-Nitroso-di-n...	0.956	0.992	0.942	0.957	0.910	0.863	0.875	0.837	0.916	5.89
20)		3+4-Methylphenols			1.331	1.373	1.288	1.227	1.227	1.125	1.262	7.00
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.500	0.478	0.475	0.429	0.404	0.417	0.381	0.441	9.98
23)	S	Nitrobenzene-d5		0.277	0.304	0.339	0.336	0.328	0.341	0.324	0.321	7.17
24)		Nitrobenzene		0.322	0.329	0.366	0.359	0.352	0.367	0.347	0.349	5.02
25)		Isophorone		0.692	0.662	0.683	0.645	0.627	0.651	0.630	0.656	3.79
26)	C	2-Nitrophenol		0.069	0.085	0.109	0.126	0.134	0.151	0.150	0.118	26.89
27)		2,4-Dimethylph...		0.259	0.261	0.288	0.279	0.275	0.285	0.267	0.274	4.15
28)		bis(2-Chloroet...		0.424	0.410	0.425	0.396	0.383	0.396	0.369	0.400	5.19
29)	C	2,4-Dichloroph...		0.243	0.256	0.286	0.275	0.270	0.279	0.262	0.267	5.54
30)		1,2,4-Trichlor...		0.299	0.290	0.299	0.277	0.269	0.278	0.260	0.282	5.30
31)		Naphthalene		1.083	1.023	1.029	0.944	0.901	0.917	0.839	0.962	8.88
32)		Benzoic acid			0.069	0.085	0.108	0.120	0.136	0.142	0.110	25.83
33)		4-Chloroaniline		0.362	0.350	0.367	0.345	0.334	0.345	0.326	0.347	4.13
34)	C	Hexachlorobuta...		0.185	0.181	0.187	0.175	0.166	0.171	0.161	0.175	5.49
35)		Caprolactam			0.061	0.073	0.079	0.078	0.081	0.079	0.075	9.95
36)	C	4-Chloro-3-met...		0.270	0.274	0.296	0.286	0.279	0.286	0.270	0.280	3.54
37)		2-Methylnaphth...		0.720	0.673	0.681	0.622	0.591	0.593	0.548	0.633	9.63
38)		1-Methylnaphth...		0.690	0.654	0.653	0.595	0.568	0.574	0.531	0.609	9.38

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF081225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.588	0.566	0.575	0.542	0.524	0.537	0.499	0.547	5.66
41)	P	Hexachlorocycl...		0.088	0.130	0.167	0.172	0.192	0.201	0.158	26.72
42)	S	2,4,6-Tribromo...	0.105	0.127	0.149	0.160	0.160	0.164	0.159	0.146	15.13
43)	C	2,4,6-Trichlor...	0.242	0.272	0.316	0.334	0.328	0.343	0.338	0.311	12.43
44)		2,4,5-Trichlor...	0.307	0.308	0.366	0.377	0.364	0.370	0.361	0.351	8.48
45)	S	2-Fluorobiphenyl	1.444	1.332	1.285	1.132	1.060	1.052	0.951	1.179	15.06
46)		1,1'-Biphenyl	1.613	1.506	1.516	1.389	1.317	1.335	1.223	1.414	9.63
47)		2-Chloronaphth...	1.216	1.176	1.180	1.095	1.046	1.081	1.003	1.114	7.06
48)		2-Nitroaniline	0.188	0.223	0.279	0.309	0.321	0.336	0.330	0.284	20.23
49)		Acenaphthylene	1.759	1.682	1.719	1.588	1.525	1.541	1.444	1.608	7.13
50)		Dimethylphthalate	1.160	1.178	1.244	1.180	1.144	1.171	1.103	1.169	3.66
51)		2,6-Dinitrotol...	0.125	0.147	0.188	0.213	0.219	0.234	0.228	0.193	21.87
52)	C	Acenaphthene	1.208	1.127	1.121	1.054	1.012	1.017	0.945	1.069	8.28
53)		3-Nitroaniline	0.159	0.193	0.250	0.261	0.265	0.281	0.266	0.239	18.92
54)	P	2,4-Dinitrophenol		0.030	0.046	0.066	0.073	0.086	0.092	0.065	36.52
55)		Dibenzofuran	1.757	1.641	1.634	1.511	1.438	1.446	1.346	1.539	9.33
56)	P	4-Nitrophenol		0.096	0.147	0.173	0.180	0.194	0.190	0.163	22.52
57)		2,4-Dinitrotol...	0.154	0.191	0.257	0.289	0.296	0.308	0.297	0.256	23.42
58)		Fluorene	1.381	1.288	1.251	1.142	1.091	1.089	0.986	1.175	11.65
59)		2,3,4,6-Tetrac...	0.172	0.188	0.236	0.255	0.258	0.276	0.270	0.236	17.33
60)		Diethylphthalate	1.011	1.061	1.132	1.081	1.037	1.031	0.974	1.047	4.84
61)		4-Chlorophenyl...	0.645	0.601	0.600	0.563	0.533	0.536	0.498	0.568	8.84
62)		4-Nitroaniline	0.174	0.202	0.253	0.249	0.248	0.253	0.242	0.232	13.40
63)		Azobenzene	1.302	1.228	1.285	1.193	1.147	1.149	1.065	1.196	6.99
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.036	0.054	0.071	0.077	0.087	0.091	0.069	29.75
66)	c	n-Nitrosodiphe...	0.693	0.670	0.674	0.655	0.639	0.651	0.627	0.659	3.38
67)		4-Bromophenyl-...	0.232	0.222	0.232	0.231	0.227	0.231	0.226	0.229	1.65
68)		Hexachlorobenzene	0.258	0.249	0.250	0.244	0.237	0.248	0.240	0.247	2.76
69)		Atrazine	0.147	0.157	0.187	0.178	0.180	0.182	0.173	0.172	8.45
70)	C	Pentachlorophenol		0.058	0.087	0.108	0.113	0.120	0.122	0.101	24.06
71)		Phenanthrene	1.214	1.159	1.156	1.081	1.022	1.034	0.973	1.091	8.02
72)		Anthracene	1.225	1.168	1.184	1.088	1.043	1.057	0.980	1.107	7.97
73)		Carbazole	1.049	1.000	1.017	0.934	0.879	0.893	0.825	0.942	8.71
74)		Di-n-butylphth...	0.674	0.739	0.889	0.864	0.819	0.817	0.780	0.798	9.24
75)	C	Fluoranthene	1.120	1.054	1.051	0.917	0.873	0.856	0.820	0.956	12.27
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.541	0.653	0.591	0.549	0.511	0.434	0.547	13.50
78)		Pyrene	1.924	1.963	1.910	1.661	1.513	1.460	1.315	1.678	15.44
79)	S	Terphenyl-d14	1.337	1.346	1.297	1.089	0.976	0.957	0.841	1.120	18.44
80)		Butylbenzylpht...	0.179	0.208	0.272	0.303	0.320	0.346	0.359	0.284	24.15
81)		Benzo(a)anthra...	1.335	1.224	1.339	1.258	1.229	1.309	1.205	1.271	4.37
82)		3,3'-Dichlorob...		0.255	0.327	0.364	0.374	0.382	0.358	0.343	13.77
83)		Chrysene	1.270	1.249	1.199	1.175	1.163	1.143	1.098	1.185	5.06
84)		Bis(2-ethylhex...	0.228	0.277	0.348	0.441	0.478	0.520	0.531	0.403	29.82
85)	c	Di-n-octyl pht...		0.545	0.692	0.888	0.945	1.045	1.047	0.860	23.52

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF081225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.401	1.455	1.479	1.449	1.392	1.443	1.411	1.433	2.24
88)		Benzo(b)fluora...	1.172	1.027	1.092	1.118	1.046	1.147	1.054	1.094	4.98
89)		Benzo(k)fluora...	1.064	1.080	1.158	1.036	1.053	1.022	1.027	1.063	4.41
90)	C	Benzo(a)pyrene	1.049	1.011	1.060	1.033	1.012	1.039	1.008	1.030	1.99
91)		Dibenzo(a,h)an...	1.129	1.162	1.184	1.170	1.119	1.155	1.094	1.145	2.77
92)		Benzo(g,h,i)pe...	1.108	1.192	1.188	1.169	1.124	1.168	1.123	1.153	2.94

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025
Response Via : Initial Calibration

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

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

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

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

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

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

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2826

Instrument ID: BNA_F Calibration Date/Time: 08/13/2025 10:00

Lab File ID: BF143365.D Init. Calib. Date(s): 08/12/2025 08/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:03 12:38

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.157	1.077		-6.9	
Benzaldehyde	0.980	0.870		-11.2	
Phenol-d6	1.483	1.334		-10.0	
Phenol	1.757	1.609		-8.4	20.0
bis(2-Chloroethyl)ether	1.295	1.200		-7.3	
2-Chlorophenol	1.236	1.195		-3.3	
2-Methylphenol	1.043	0.939		-10.0	
2,2-oxybis(1-Chloropropane)	2.312	2.149		-7.1	
Acetophenone	0.441	0.396		-10.2	
3+4-Methylphenols	1.262	1.144		-9.4	
n-Nitroso-di-n-propylamine	0.916	0.821	0.050	-10.4	
Nitrobenzene-d5	0.321	0.325		1.2	
Hexachloroethane	0.449	0.453		0.9	
Nitrobenzene	0.349	0.338		-3.2	
Isophorone	0.656	0.596		-9.1	
2-Nitrophenol	0.118	0.159		34.7	20.0
2,4-Dimethylphenol	0.274	0.264		-3.7	
bis(2-Chloroethoxy)methane	0.400	0.377		-5.8	
2,4-Dichlorophenol	0.267	0.259		-3.0	20.0
Naphthalene	0.962	0.881		-8.4	
4-Chloroaniline	0.347	0.317		-8.6	
Hexachlorobutadiene	0.175	0.172		-1.7	20.0
Caprolactam	0.075	0.067		-10.7	
4-Chloro-3-methylphenol	0.280	0.261		-6.8	20.0
2-Methylnaphthalene	0.633	0.580		-8.4	
Hexachlorocyclopentadiene	0.158	0.203	0.050	28.5	
2,4,6-Trichlorophenol	0.311	0.302		-2.9	20.0
2-Fluorobiphenyl	1.179	1.063		-9.8	
2,4,5-Trichlorophenol	0.351	0.334		-4.8	
1,1-Biphenyl	1.414	1.295		-8.4	
2-Chloronaphthalene	1.114	1.020		-8.4	
2-Nitroaniline	0.284	0.317		11.6	
Dimethylphthalate	1.169	1.088		-6.9	
Acenaphthylene	1.608	1.448		-9.9	
2,6-Dinitrotoluene	0.193	0.227		17.6	
3-Nitroaniline	0.239	0.251		5.0	
Acenaphthene	1.069	0.988		-7.6	20.0
2,4-Dinitrophenol	0.065	0.087	0.050	33.8	
4-Nitrophenol	0.163	0.169	0.050	3.7	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2826

Instrument ID: BNA_F Calibration Date/Time: 08/13/2025 10:00

Lab File ID: BF143365.D Init. Calib. Date(s): 08/12/2025 08/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:03 12:38

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.539	1.391		-9.6	
2,4-Dinitrotoluene	0.256	0.301		17.6	
Diethylphthalate	1.047	0.995		-5.0	
4-Chlorophenyl-phenylether	0.568	0.526		-7.4	
Fluorene	1.175	1.049		-10.7	
4-Nitroaniline	0.232	0.220		-5.2	
4,6-Dinitro-2-methylphenol	0.069	0.092		33.3	
n-Nitrosodiphenylamine	0.659	0.614		-6.8	20.0
2,4,6-Tribromophenol	0.146	0.155		6.2	
4-Bromophenyl-phenylether	0.229	0.225		-1.7	
Hexachlorobenzene	0.247	0.235		-4.9	
Atrazine	0.172	0.162		-5.8	
Pentachlorophenol	0.101	0.184		82.2	20.0
Phenanthrene	1.091	0.981		-10.1	
Anthracene	1.107	1.018		-8.0	
Carbazole	0.942	0.812		-13.8	
Di-n-butylphthalate	0.798	0.842		5.5	
Fluoranthene	0.956	0.844		-11.7	20.0
Pyrene	1.678	1.460		-13.0	
Terphenyl-d14	1.120	1.033		-7.8	
Butylbenzylphthalate	0.284	0.450		58.5	
3,3-Dichlorobenzidine	0.343	0.378		10.2	
Benzo(a)anthracene	1.271	1.152		-9.4	
Chrysene	1.185	1.104		-6.8	
Bis(2-ethylhexyl)phthalate	0.403	0.722		79.2	
Di-n-octyl phthalate	0.860	1.370		59.3	20.0
Benzo(b)fluoranthene	1.094	1.067		-2.5	
Benzo(k)fluoranthene	1.063	0.958		-9.9	
Benzo(a)pyrene	1.030	0.955		-7.3	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.348		-5.9	
Dibenzo(a,h)anthracene	1.145	1.104		-3.6	
Benzo(g,h,i)perylene	1.153	1.041		-9.7	
1,2,4,5-Tetrachlorobenzene	0.547	0.517		-5.5	
1,4-Dioxane	0.598	0.537		-10.2	20.0
2,3,4,6-Tetrachlorophenol	0.236	0.251		6.4	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2826

Instrument ID: BNA_P Calibration Date/Time: 08/18/2025 10:39

Lab File ID: BP025455.D Init. Calib. Date(s): 08/14/2025 08/14/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.235		2.6	
Benzaldehyde	1.082	1.303		20.4	
Phenol-d6	1.544	1.590		3.0	
Phenol	1.620	1.656		2.2	20.0
bis(2-Chloroethyl)ether	1.263	1.286		1.8	
2-Chlorophenol	1.359	1.381		1.6	
2-Methylphenol	1.125	1.153		2.5	
2,2-oxybis(1-Chloropropane)	1.692	1.765		4.3	
Acetophenone	0.502	0.501		-0.2	
3+4-Methylphenols	1.560	1.576		1.0	
n-Nitroso-di-n-propylamine	1.023	1.040	0.050	1.7	
Nitrobenzene-d5	0.395	0.398		0.8	
Hexachloroethane	0.563	0.576		2.3	
Nitrobenzene	0.353	0.357		1.1	
Isophorone	0.700	0.685		-2.1	
2-Nitrophenol	0.181	0.183		1.1	20.0
2,4-Dimethylphenol	0.312	0.308		-1.3	
bis(2-Chloroethoxy)methane	0.423	0.425		0.5	
2,4-Dichlorophenol	0.310	0.317		2.3	20.0
Naphthalene	1.040	1.026		-1.3	
4-Chloroaniline	0.459	0.458		-0.2	
Hexachlorobutadiene	0.211	0.207		-1.9	20.0
Caprolactam	0.114	0.113		-0.9	
4-Chloro-3-methylphenol	0.355	0.363		2.3	20.0
2-Methylnaphthalene	0.676	0.668		-1.2	
Hexachlorocyclopentadiene	0.349	0.479	0.050	37.2	
2,4,6-Trichlorophenol	0.390	0.407		4.4	20.0
2-Fluorobiphenyl	1.463	1.437		-1.8	
2,4,5-Trichlorophenol	0.427	0.443		3.7	
1,1-Biphenyl	1.453	1.458		0.3	
2-Chloronaphthalene	1.131	1.121		-0.9	
2-Nitroaniline	0.329	0.352		7.0	
Dimethylphthalate	1.465	1.456		-0.6	
Acenaphthylene	1.871	1.865		-0.3	
2,6-Dinitrotoluene	0.309	0.319		3.2	
3-Nitroaniline	0.347	0.358		3.2	
Acenaphthene	1.098	1.088		-0.9	20.0
2,4-Dinitrophenol	0.165	0.167	0.050	1.2	
4-Nitrophenol	0.285	0.290	0.050	1.8	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2826

Instrument ID: BNA_P Calibration Date/Time: 08/18/2025 10:39

Lab File ID: BP025455.D Init. Calib. Date(s): 08/14/2025 08/14/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.717		-1.1	
2,4-Dinitrotoluene	0.440	0.450		2.3	
Diethylphthalate	1.488	1.500		0.8	
4-Chlorophenyl-phenylether	0.681	0.663		-2.6	
Fluorene	1.370	1.347		-1.7	
4-Nitroaniline	0.356	0.365		2.5	
4,6-Dinitro-2-methylphenol	0.125	0.116		-7.2	
n-Nitrosodiphenylamine	0.610	0.623		2.1	20.0
2,4,6-Tribromophenol	0.269	0.270		0.4	
4-Bromophenyl-phenylether	0.220	0.224		1.8	
Hexachlorobenzene	0.255	0.253		-0.8	
Atrazine	0.228	0.233		2.2	
Pentachlorophenol	0.161	0.154		-4.3	20.0
Phenanthrene	1.099	1.124		2.3	
Anthracene	1.122	1.138		1.4	
Carbazole	1.057	1.069		1.1	
Di-n-butylphthalate	1.300	1.334		2.6	
Fluoranthene	1.311	1.325		1.1	20.0
Pyrene	1.300	1.310		0.8	
Terphenyl-d14	1.093	1.084		-0.8	
Butylbenzylphthalate	0.589	0.592		0.5	
3,3-Dichlorobenzidine	0.497	0.490		-1.4	
Benzo(a)anthracene	1.319	1.322		0.2	
Chrysene	1.235	1.263		2.3	
Bis(2-ethylhexyl)phthalate	0.867	0.880		1.5	
Di-n-octyl phthalate	1.492	1.489		-0.2	20.0
Benzo(b)fluoranthene	1.179	1.212		2.8	
Benzo(k)fluoranthene	1.180	1.195		1.3	
Benzo(a)pyrene	1.148	1.152		0.3	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.451		-1.1	
Dibenzo(a,h)anthracene	1.199	1.196		-0.3	
Benzo(g,h,i)perylene	1.178	1.171		-0.6	
1,2,4,5-Tetrachlorobenzene	0.578	0.569		-1.6	
1,4-Dioxane	0.472	0.474		0.4	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.395		4.8	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

Quant Time: Aug 18 18:38:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

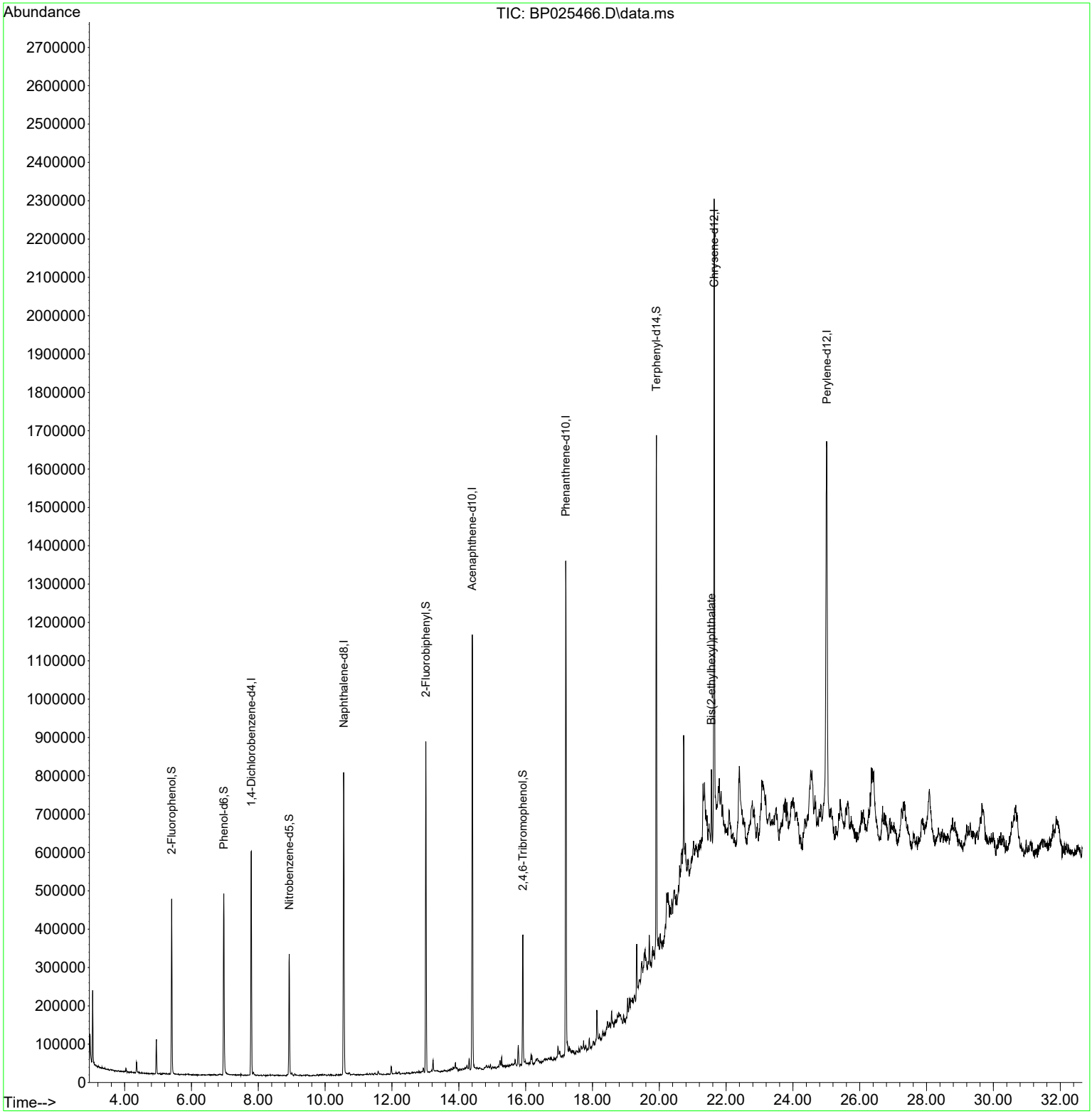
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	171293	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	683551	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	427689	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	882062	20.000	ng	0.00
76) Chrysene-d12	21.642	240	894833	20.000	ng	0.00
86) Perylene-d12	25.013	264	1035074	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	196413	19.042	ng	0.00
7) Phenol-d6	6.966	99	275769	20.854	ng	0.00
23) Nitrobenzene-d5	8.925	82	177506	13.136	ng	-0.01
42) 2,4,6-Tribromophenol	15.919	330	67758	11.770	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	429854	13.736	ng	0.00
79) Terphenyl-d14	19.913	244	700118	14.315	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.560	149	92036	2.372	ng	99

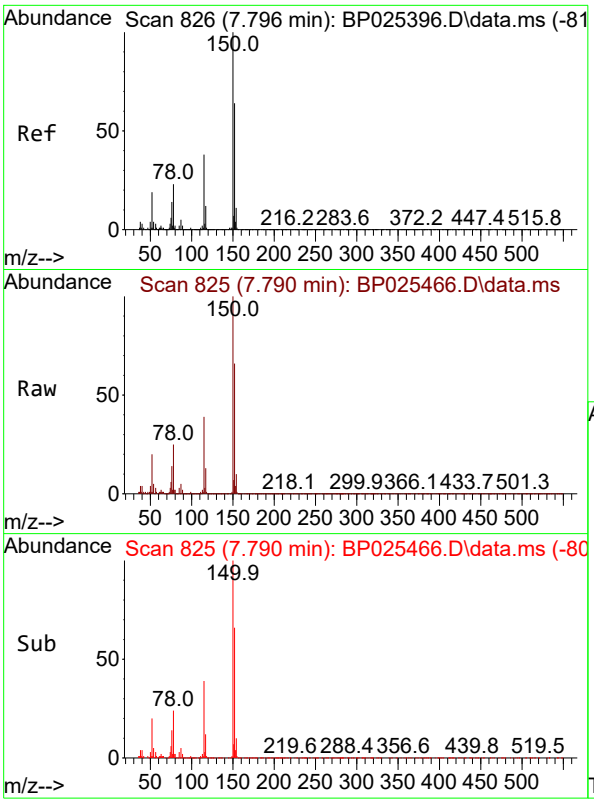
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

Quant Time: Aug 18 18:38:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



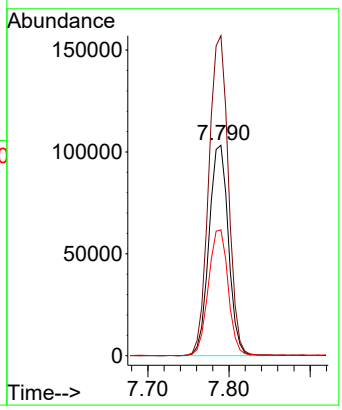


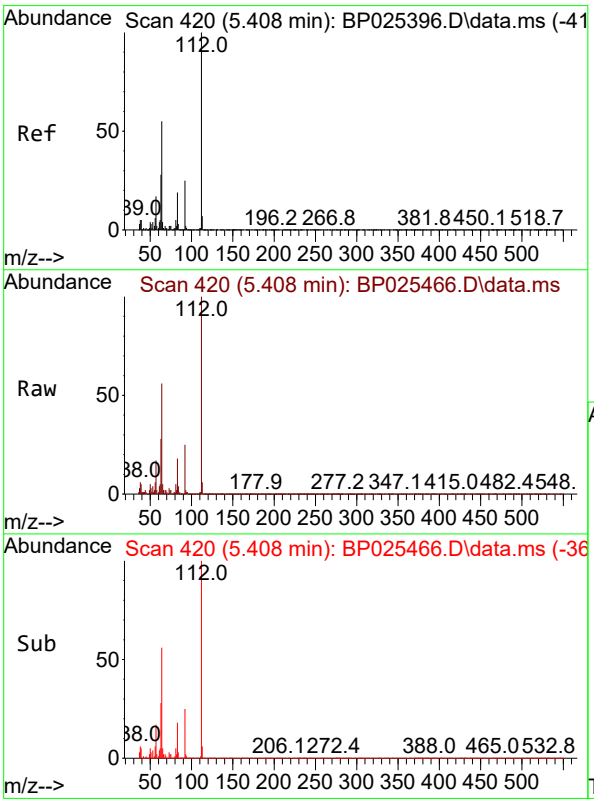
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Instrument :
BNA_P
ClientSampleId :
WC1

Tgt Ion:152 Resp: 171293

Ion	Ratio	Lower	Upper
152	100		
150	152.0	125.9	188.9
115	59.9	48.5	72.7

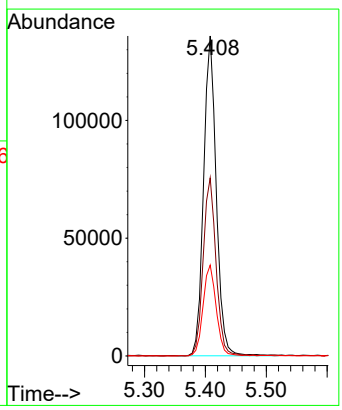


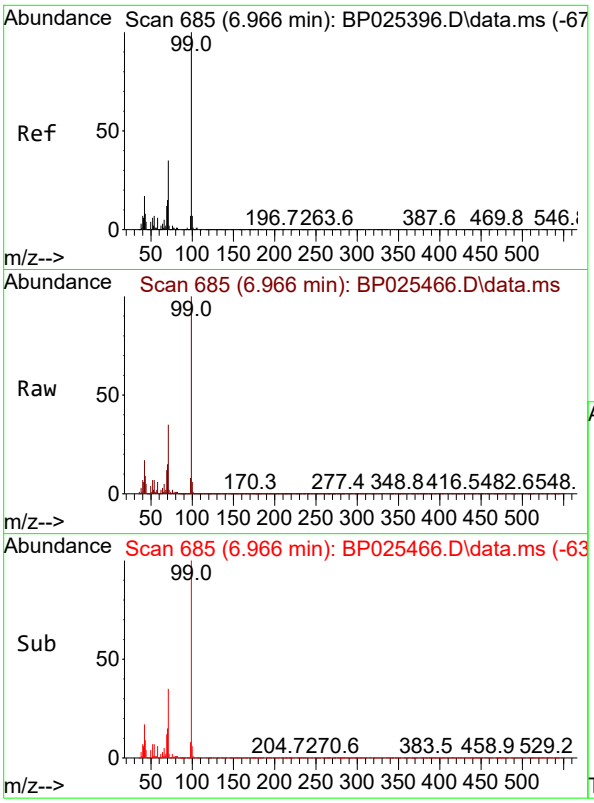


#5
2-Fluorophenol
Concen: 19.042 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Tgt Ion:112 Resp: 196413

Ion	Ratio	Lower	Upper
112	100		
64	55.7	43.8	65.8
63	28.4	22.7	34.1



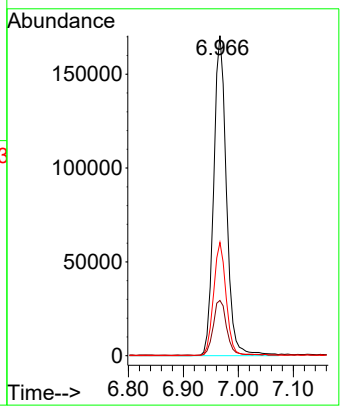


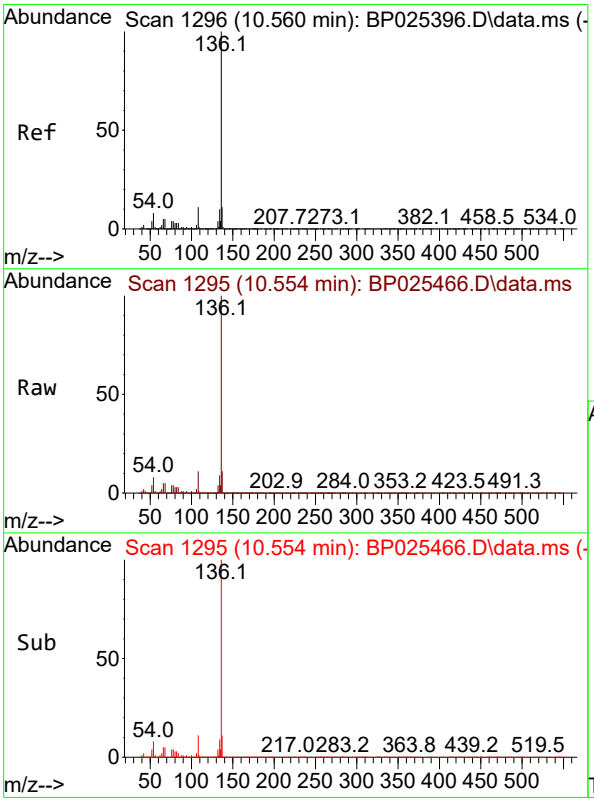
#7
Phenol-d6
Concen: 20.854 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Instrument :
BNA_P
ClientSampleId :
WC1

Tgt Ion: 99 Resp: 275769

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	35.4	28.2	42.4

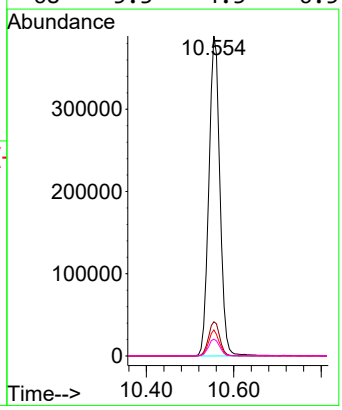


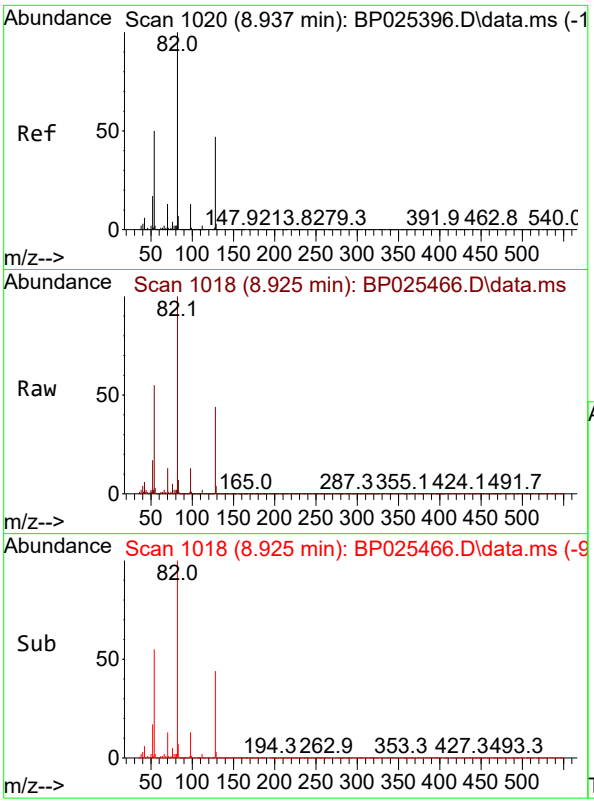


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Tgt Ion:136 Resp: 683551

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.2	6.0	9.0
68	5.3	4.3	6.5



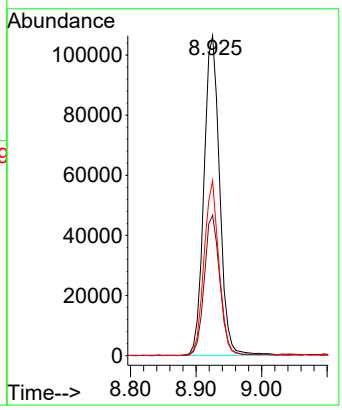


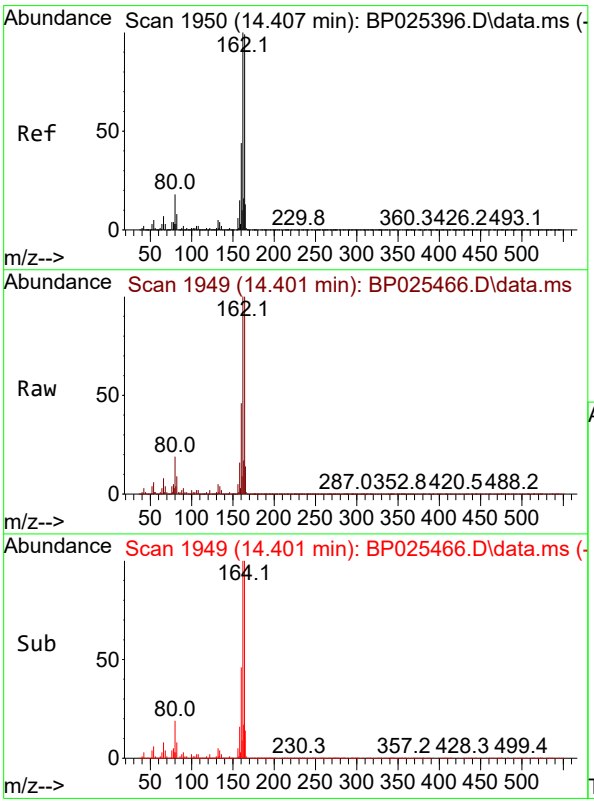
#23
Nitrobenzene-d5
Concen: 13.136 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Instrument :
BNA_P
ClientSampleId :
WC1

Tgt Ion: 82 Resp: 177506

Ion	Ratio	Lower	Upper
82	100		
128	43.9	37.7	56.5
54	54.7	39.8	59.6

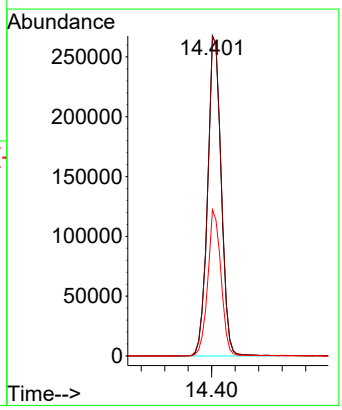


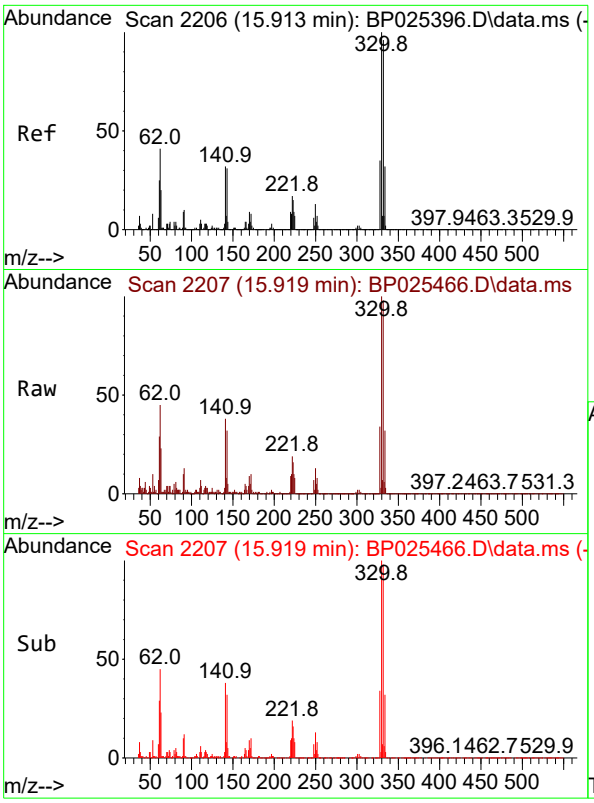


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Tgt Ion:164 Resp: 427689

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.0	121.6
160	45.7	35.4	53.2



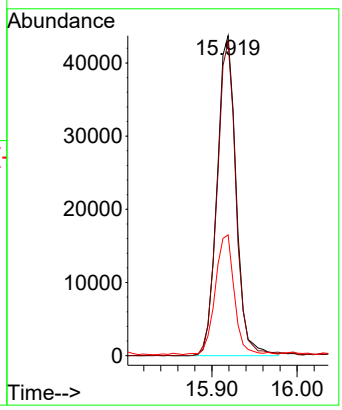


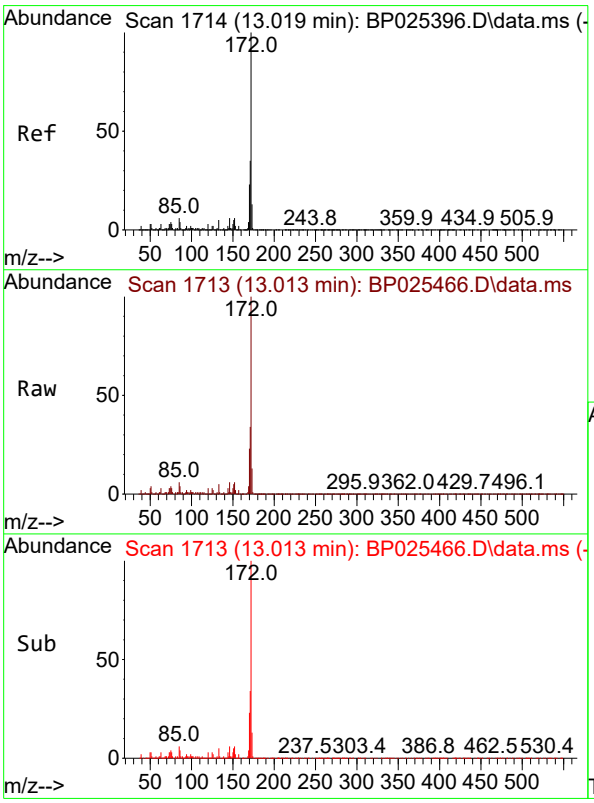
#42
2,4,6-Tribromophenol
Concen: 11.770 ng
RT: 15.919 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Instrument :
BNA_P
ClientSampleId :
WC1

Tgt Ion:330 Resp: 67758

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	37.4	26.6	39.8

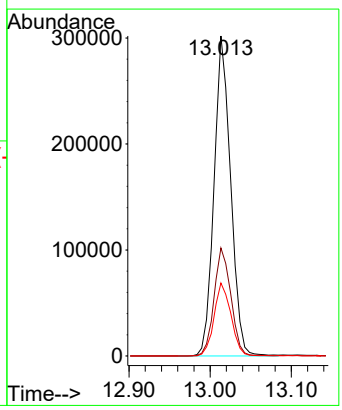


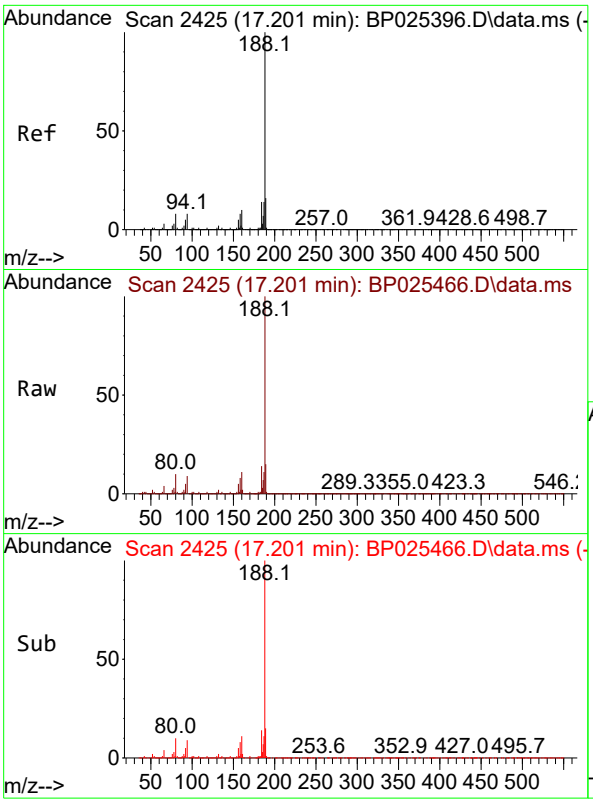


#45
2-Fluorobiphenyl
Concen: 13.736 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Tgt Ion:172 Resp: 429854

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.1	42.1
170	22.8	18.6	28.0



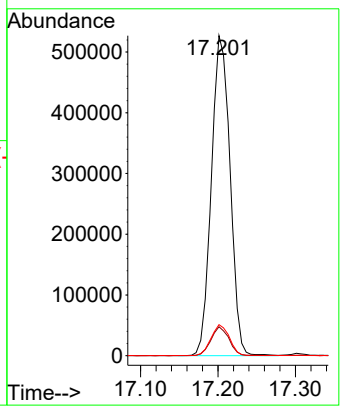


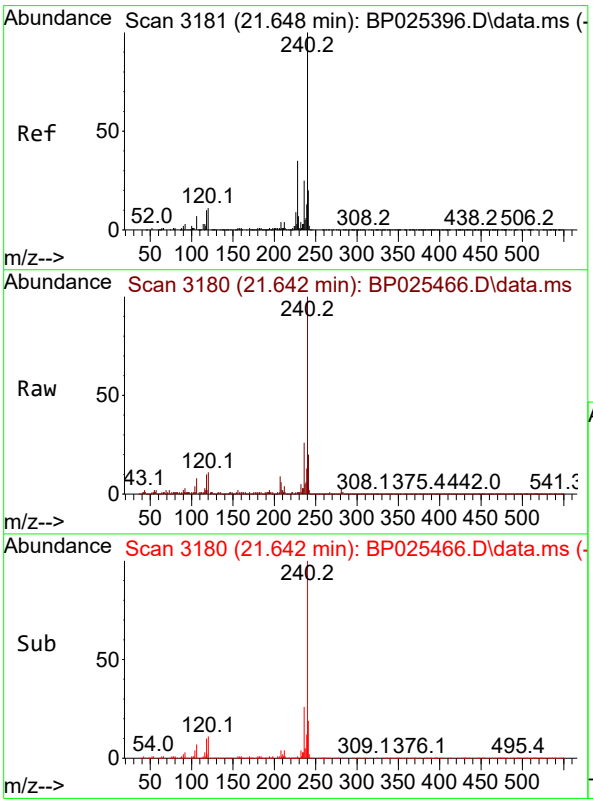
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Instrument :
BNA_P
ClientSampleId :
WC1

Tgt Ion:188 Resp: 882062

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.7	6.7	10.1

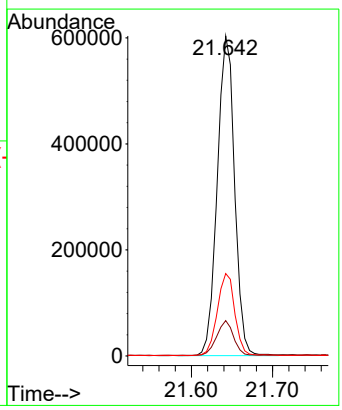


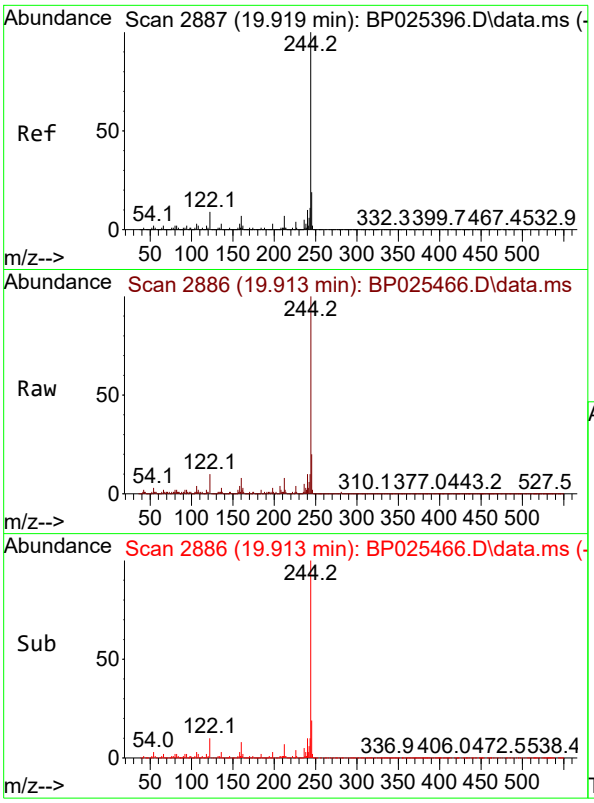


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Tgt Ion:240 Resp: 894833

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	25.8	19.8	29.8



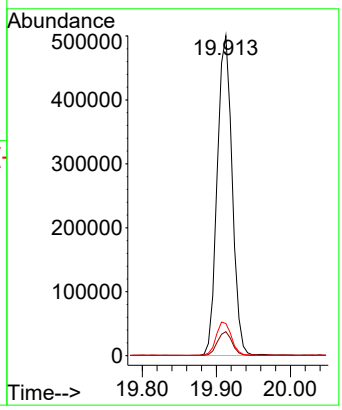


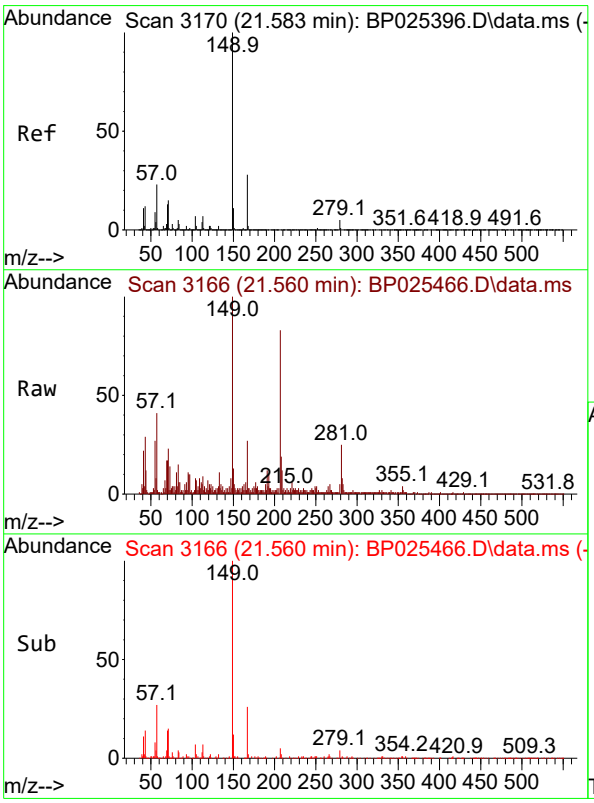
#79
Terphenyl-d14
Concen: 14.315 ng
RT: 19.913 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Instrument :
BNA_P
ClientSampleId :
WC1

Tgt Ion:244 Resp: 700118

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	10.0	7.4	11.2

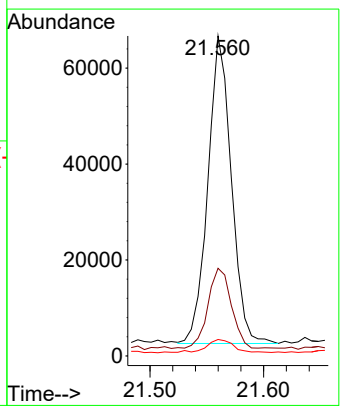


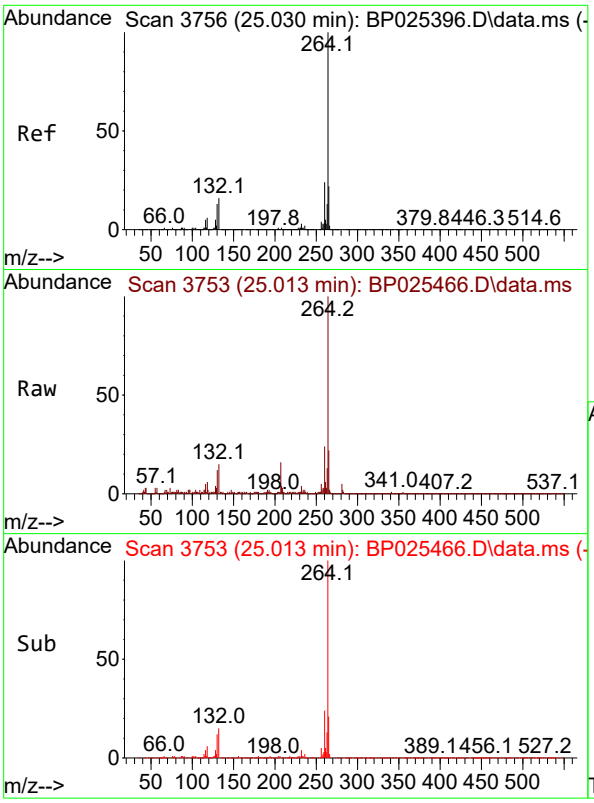


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.372 ng
RT: 21.560 min Scan# 3166
Delta R.T. -0.023 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Tgt Ion:149 Resp: 92036

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	5.2	3.8	5.6



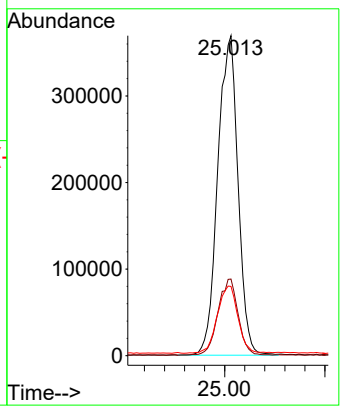


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.013 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Instrument :
BNA_P
ClientSampleId :
WC1

Tgt Ion:264 Resp: 1035074

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.7	17.4	26.0



Sample Results: **BP025466.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

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

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

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

Signal : TIC: BP025466.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.043	14	18	23	rVB	187694	234464	8.29%	1.230%
2	4.355	236	241	246	rBV	28635	40335	1.43%	0.212%
3	4.949	337	342	351	rVB	90533	130708	4.62%	0.686%
4	5.408	413	420	431	rBV	457542	674353	23.83%	3.539%
5	6.966	679	685	696	rBV	472518	781291	27.61%	4.100%
6	7.790	817	825	832	rBV	584288	981013	34.67%	5.148%
7	8.925	1011	1018	1029	rBV	313765	511577	18.08%	2.685%
8	10.554	1285	1295	1310	rBV	789397	1405340	49.66%	7.375%
9	11.978	1532	1537	1544	rBV	20396	33259	1.18%	0.175%
10	13.013	1706	1713	1723	rBV	863344	1242379	43.90%	6.520%
11	13.231	1745	1750	1757	rVB2	28715	41150	1.45%	0.216%
12	14.307	1929	1933	1939	rVB	29033	43958	1.55%	0.231%
13	14.401	1942	1949	1958	rBV	1133537	1813632	64.09%	9.518%
14	15.778	2178	2183	2191	rVB	54922	99092	3.50%	0.520%
15	15.919	2200	2207	2214	rBV	341456	557010	19.68%	2.923%
16	16.160	2244	2248	2250	rBV3	24703	30857	1.09%	0.162%
17	16.966	2381	2385	2390	rBV3	27321	47535	1.68%	0.249%
18	17.201	2419	2425	2432	rBV2	1283947	2160431	76.34%	11.337%
19	17.907	2541	2545	2549	rVB6	25807	38246	1.35%	0.201%
20	18.131	2580	2583	2590	rBV3	74721	113054	3.99%	0.593%
21	19.054	2736	2740	2744	rBV5	51669	81077	2.87%	0.425%
22	19.325	2782	2786	2791	rBV	141792	230971	8.16%	1.212%
23	19.701	2847	2850	2854	rVB2	74015	94418	3.34%	0.495%
24	19.913	2881	2886	2895	rBV	1333197	1877944	66.36%	9.855%
25	20.730	3022	3025	3029	rBV	299235	326320	11.53%	1.712%
26	21.560	3164	3166	3172	rVB	190501	216982	7.67%	1.139%
27	21.642	3175	3180	3185	rVV2	1608759	2418413	85.46%	12.691%
28	25.007	3745	3752	3767	rVB2	980098	2829890	100.00%	14.851%

Sum of corrected areas: 19055699

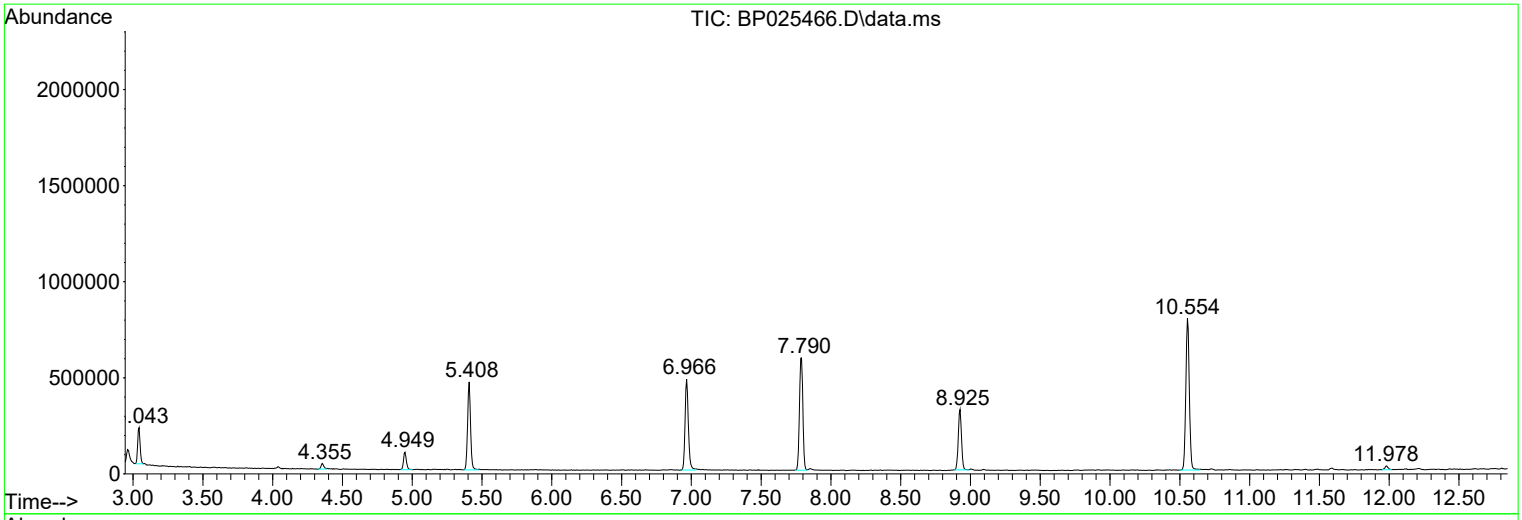
Sample Results: **BP025466.D**

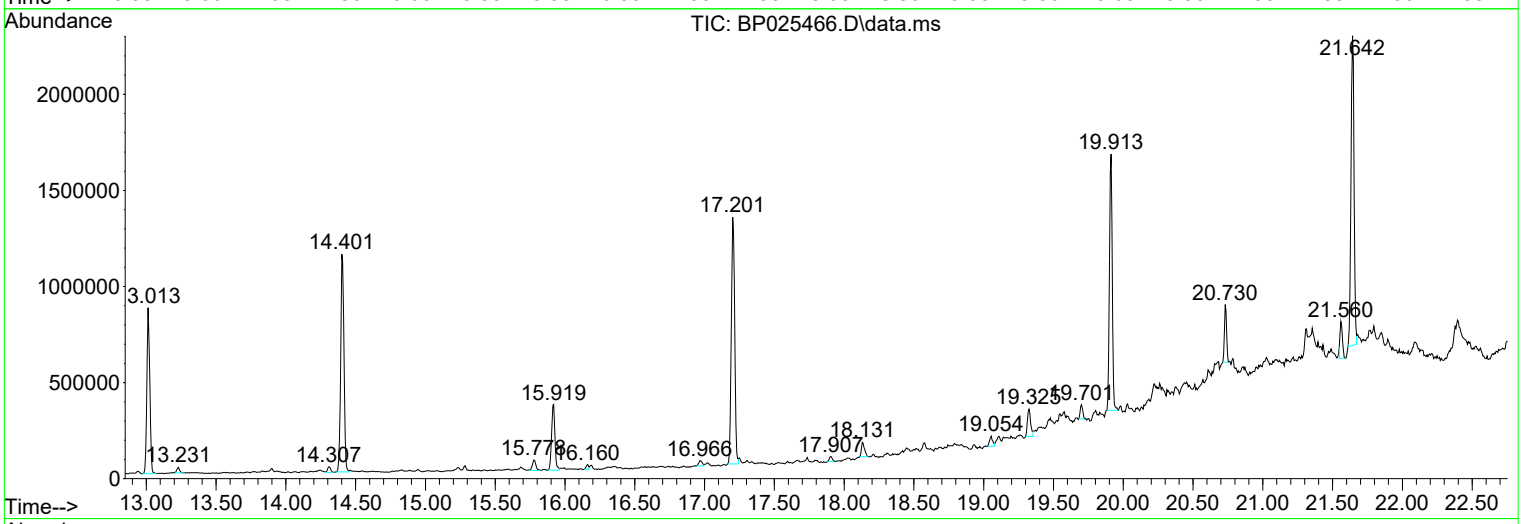
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

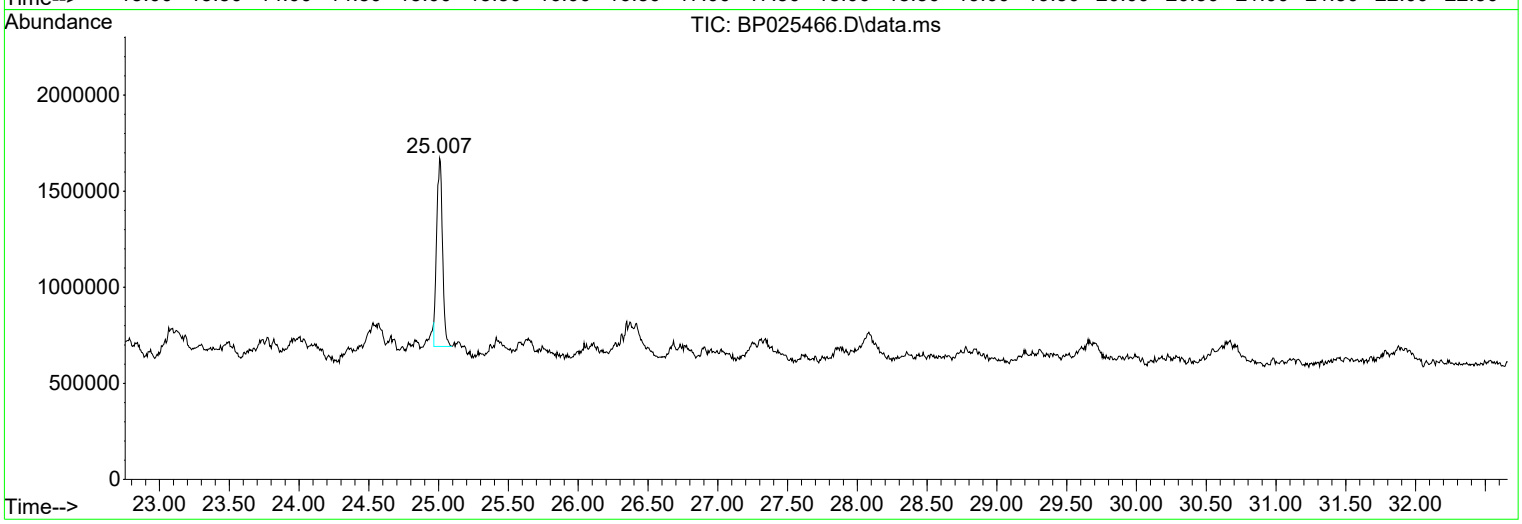
Instrument :
BNA_P
ClientSampleId :
WC1

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

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

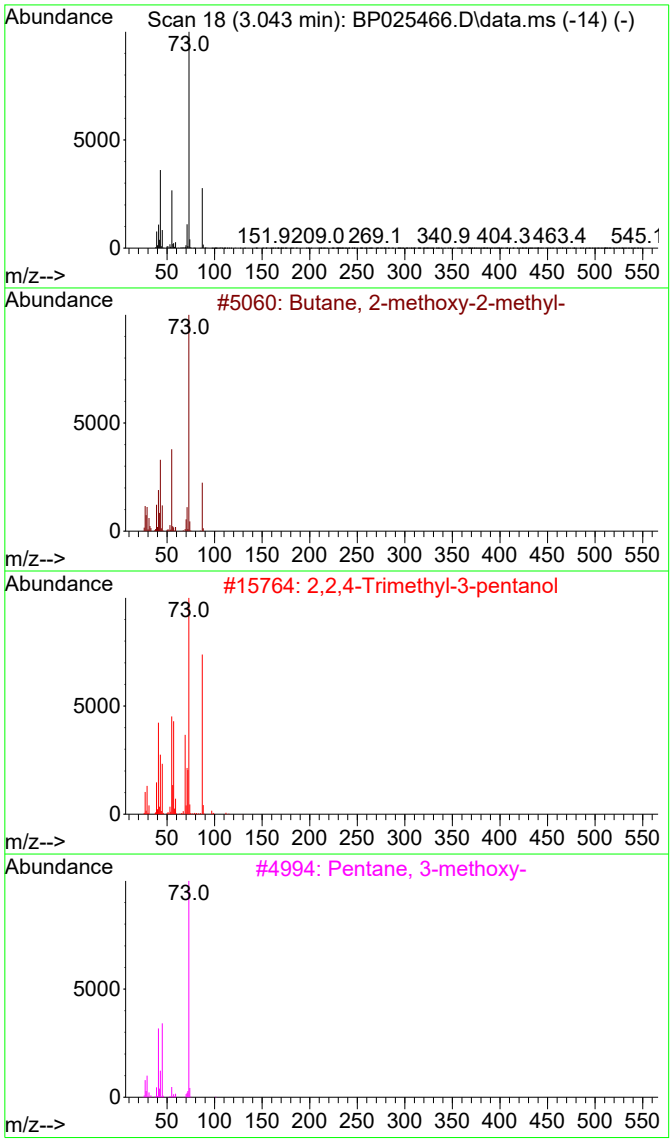
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

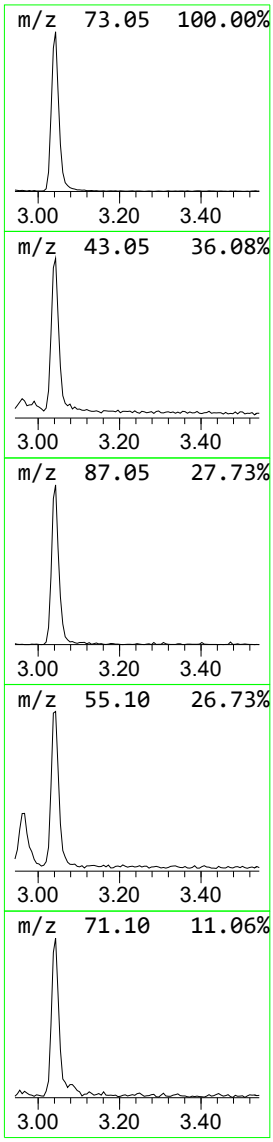
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	4.78 ng	234464	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

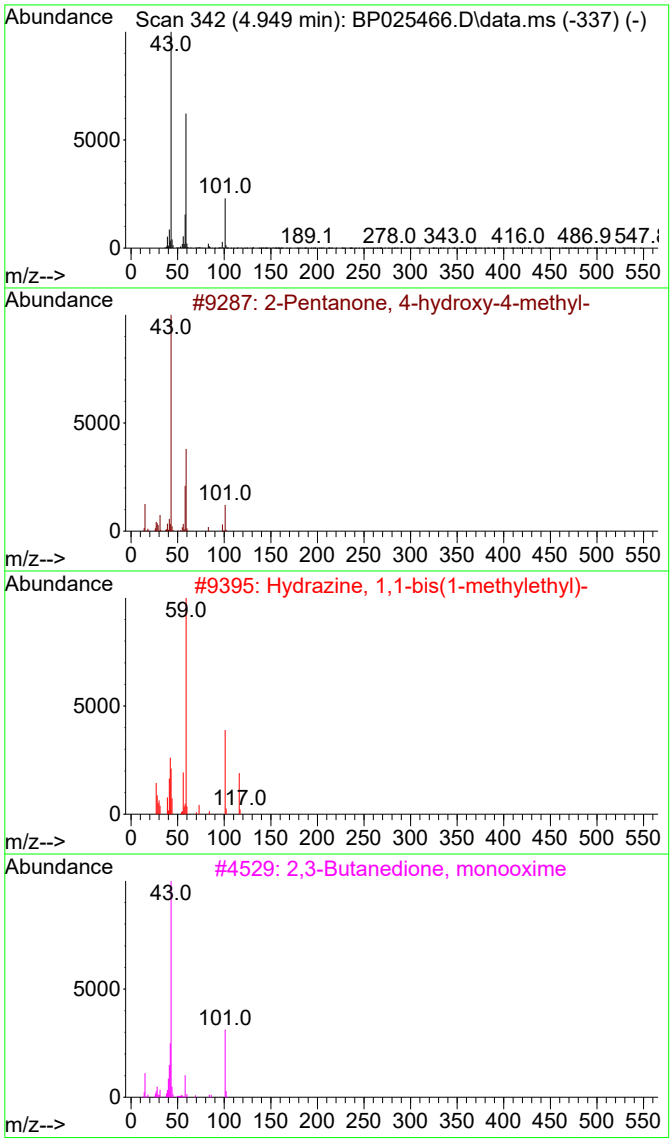
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

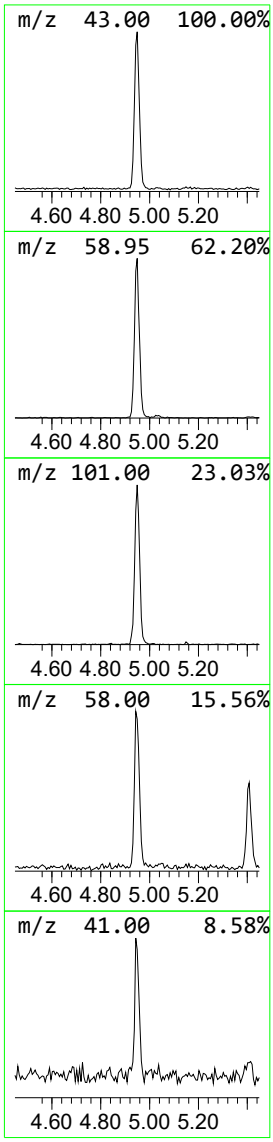
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.949	2.66 ng	130708	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	40
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
4	3-Hexanol	102	C6H14O	000623-37-0	28
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

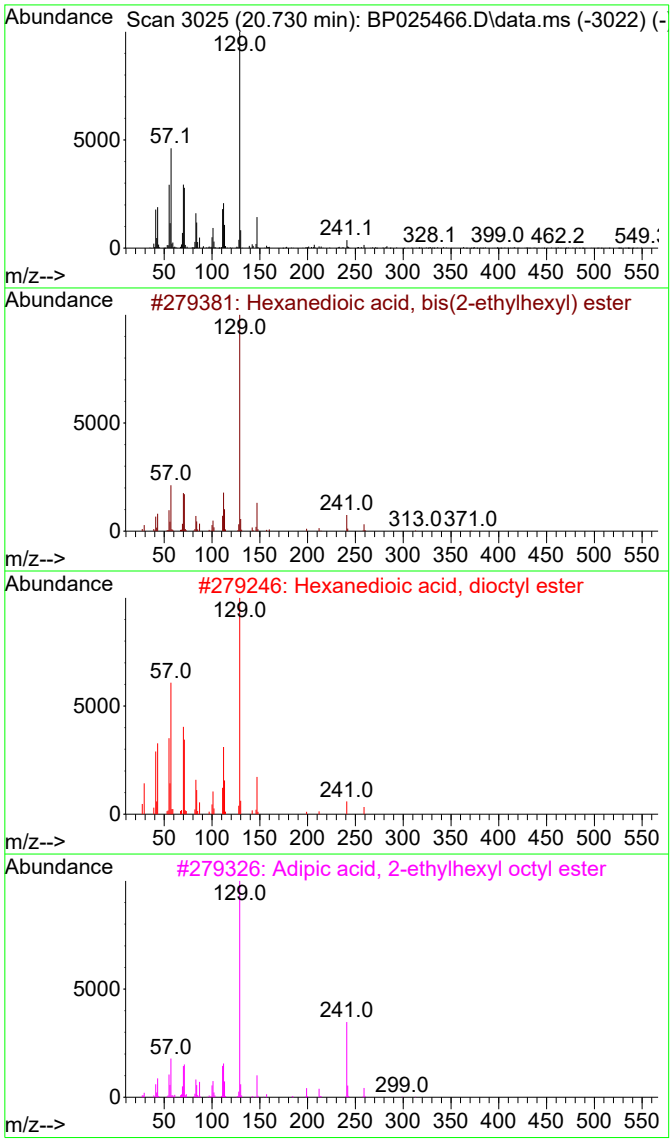
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

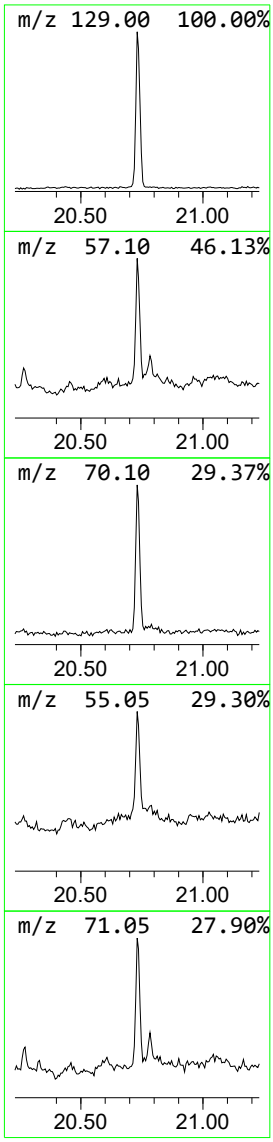
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.730	2.70 ng	326320	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	68
3	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	64
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	58
5	Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.043	4.8	ng	234464	1	7.790	981013	20.0
2-Pentanone, 4-...	4.949	2.7	ng	130708	1	7.790	981013	20.0
Hexanedioic aci...	20.730	2.7	ng	326320	5	21.642	2418410	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Quant Time: Aug 13 11:49:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

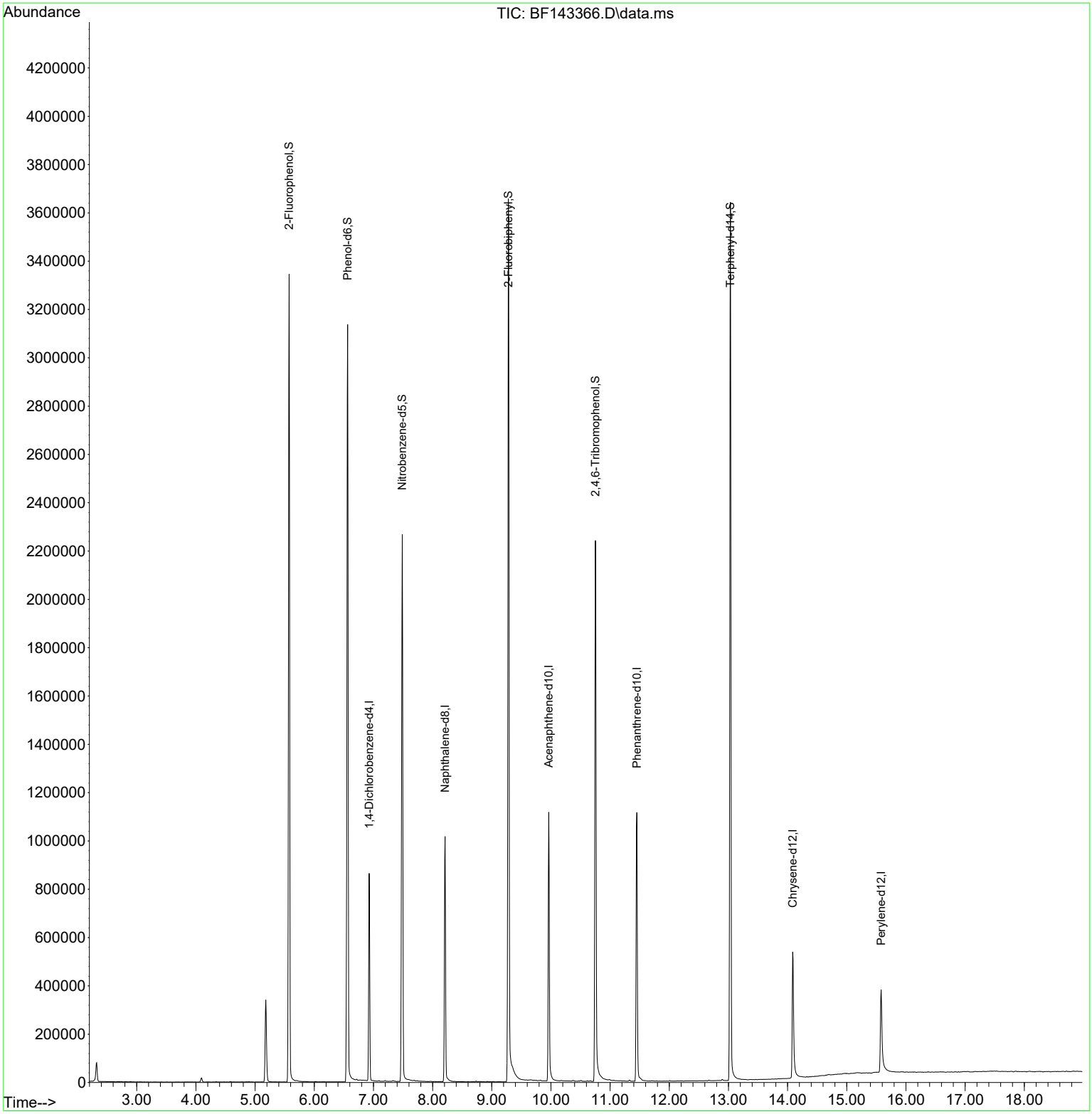
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	176496	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	674917	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	354793	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	604678	20.000	ng	0.00
76) Chrysene-d12	14.086	240	338429	20.000	ng	0.00
86) Perylene-d12	15.580	264	291238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1258691	123.323	ng	0.01
7) Phenol-d6	6.563	99	1573005	120.182	ng	0.00
23) Nitrobenzene-d5	7.487	82	1057171	97.544	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	429333	165.580	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1887149	90.197	ng	0.00
79) Terphenyl-d14	13.033	244	1911940	100.862	ng	0.00
Target Compounds						Qvalue

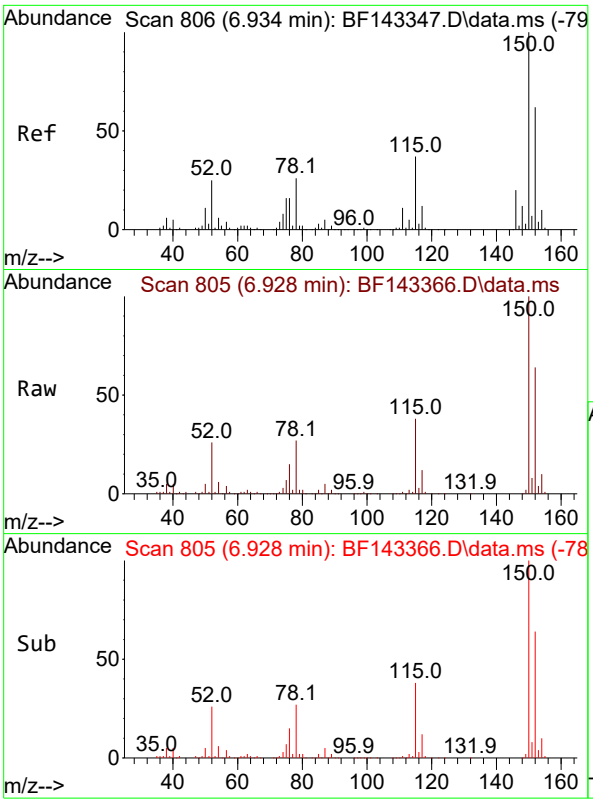
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Quant Time: Aug 13 11:49:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration



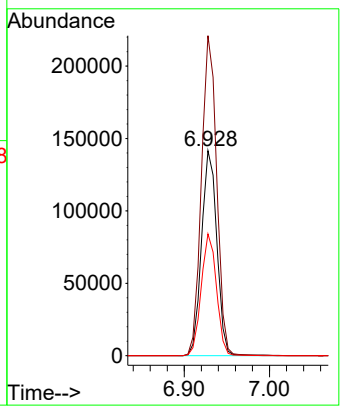


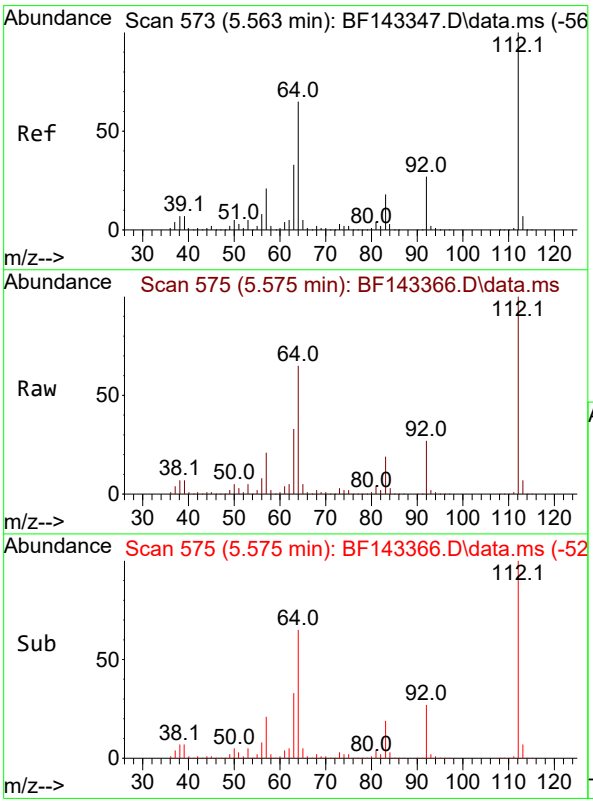
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Tgt Ion:152 Resp: 176496

Ion	Ratio	Lower	Upper
152	100		
150	156.2	129.8	194.8
115	59.4	47.8	71.8

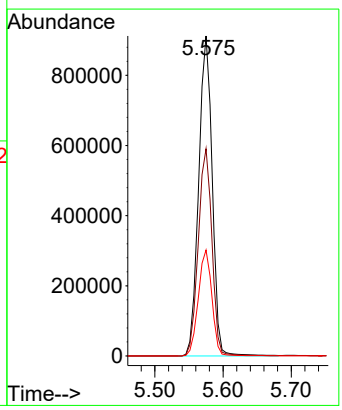


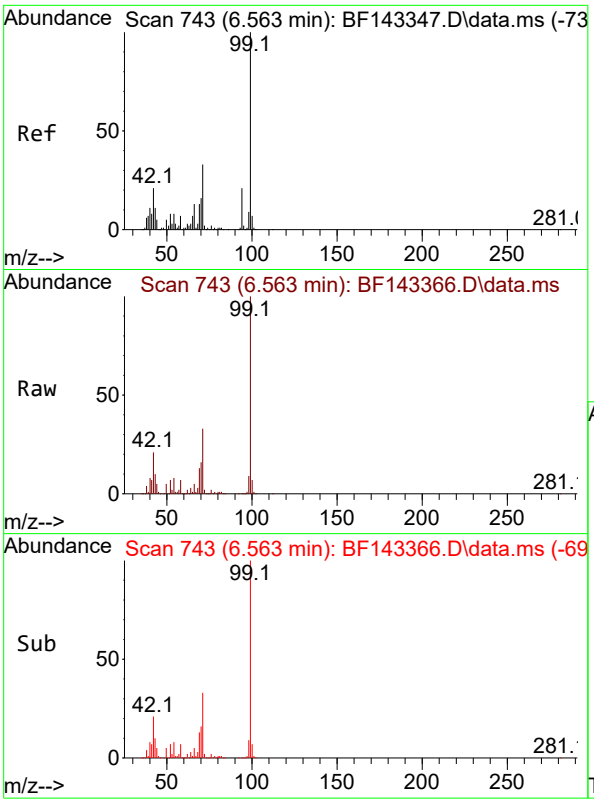


#5
2-Fluorophenol
Concen: 123.323 ng
RT: 5.575 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Tgt Ion:112 Resp: 1258691

Ion	Ratio	Lower	Upper
112	100		
64	64.8	52.1	78.1
63	33.1	26.6	39.8



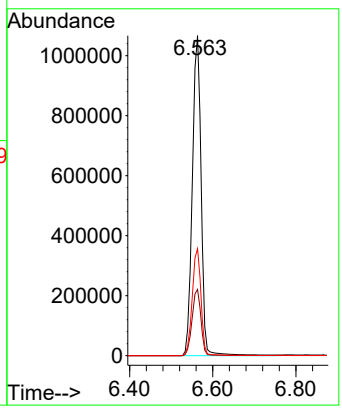


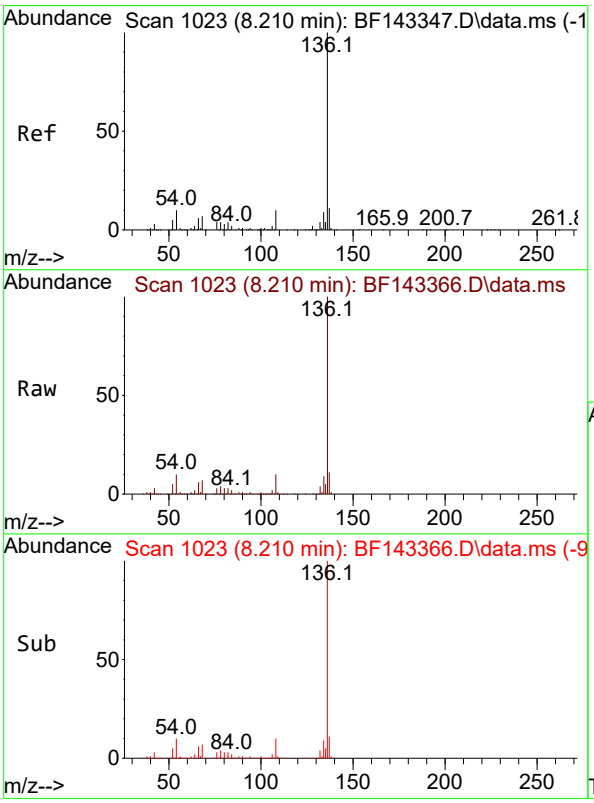
#7
Phenol-d6
Concen: 120.182 ng
RT: 6.563 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Tgt Ion: 99 Resp: 1573005

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	25.0
71	33.5	26.2	39.2

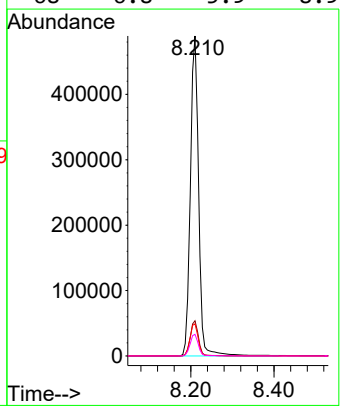


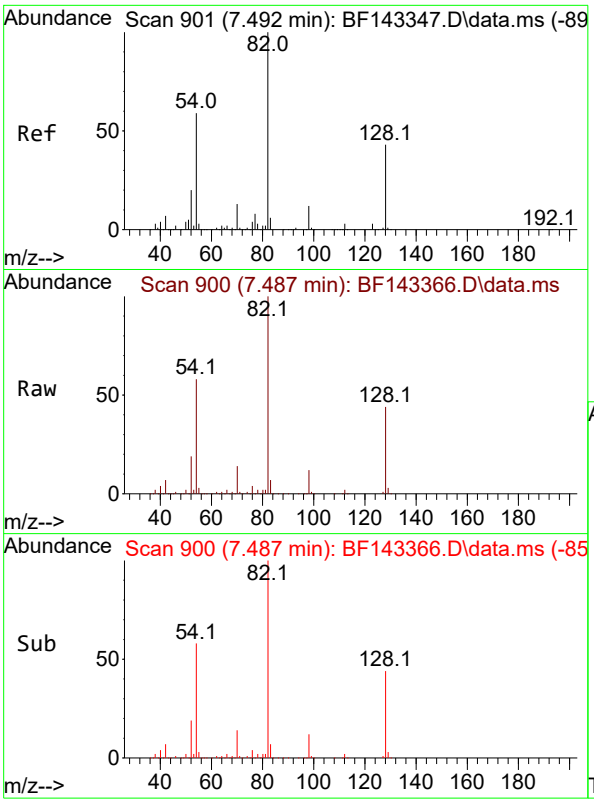


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Tgt Ion:136 Resp: 674917

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.0	8.4	12.6
68	6.8	5.9	8.9



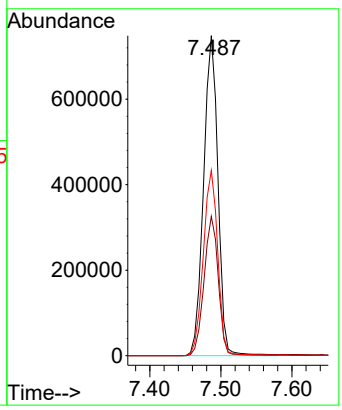


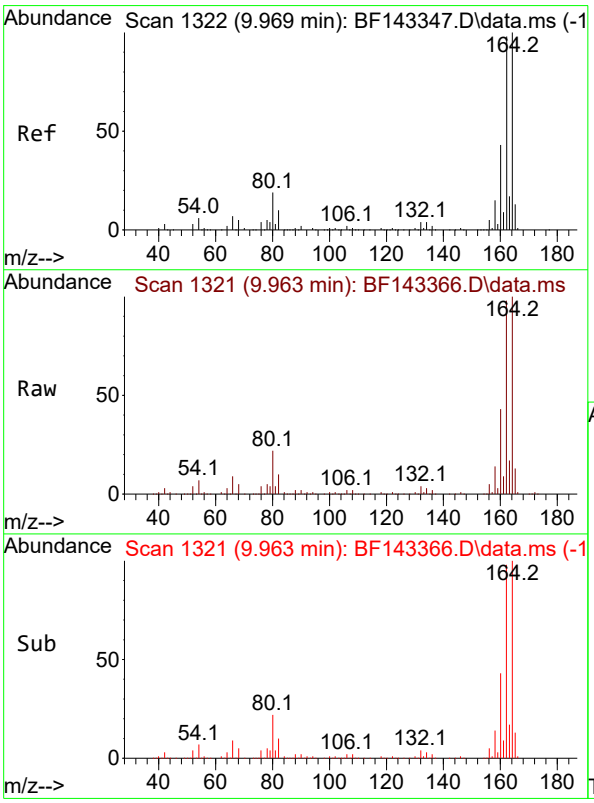
#23
Nitrobenzene-d5
Concen: 97.544 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Tgt Ion: 82 Resp: 1057171

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.5	50.3
54	57.9	46.7	70.1

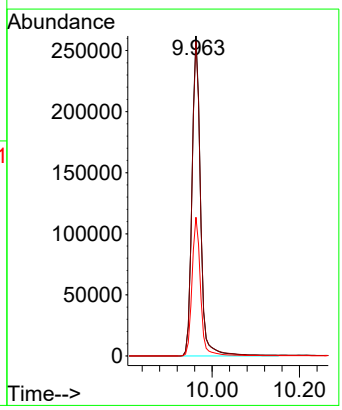


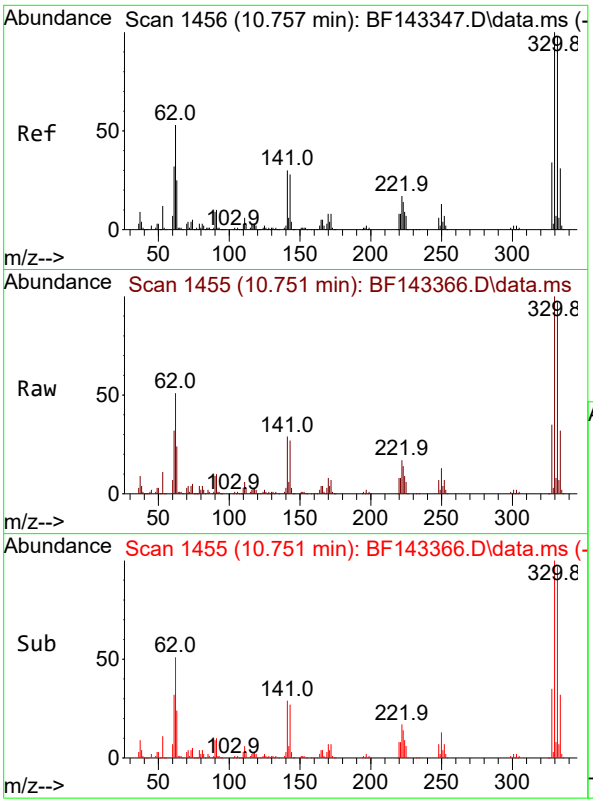


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Tgt Ion:164 Resp: 354793

Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.6	118.0
160	43.3	34.4	51.6



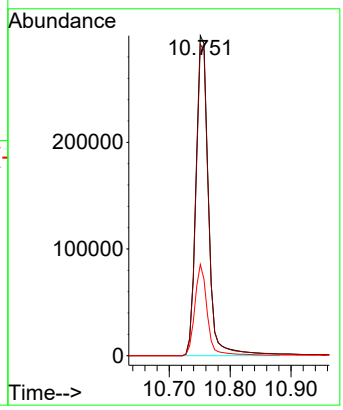


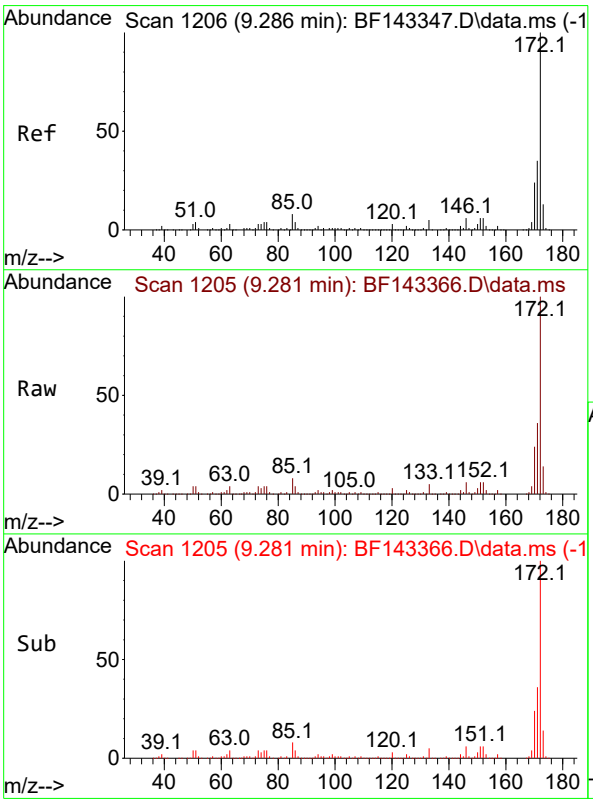
#42
2,4,6-Tribromophenol
Concen: 165.580 ng
RT: 10.751 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Tgt Ion:330 Resp: 429333

Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.1	117.1
141	28.6	25.4	38.0

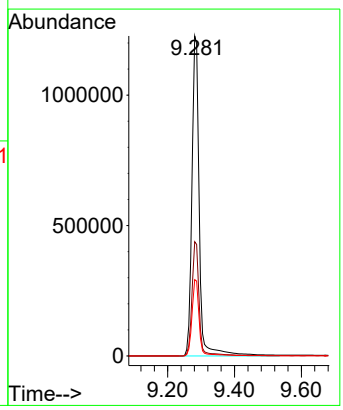


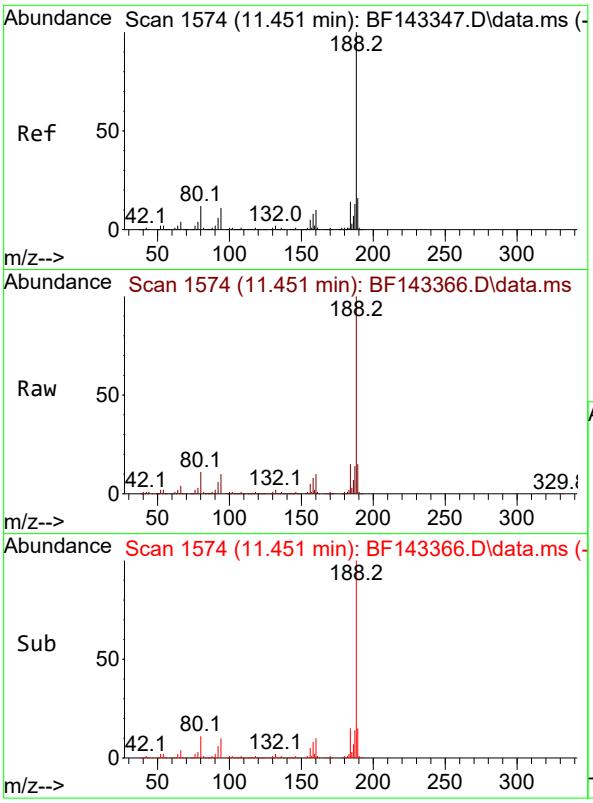


#45
2-Fluorobiphenyl
Concen: 90.197 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Tgt Ion:172 Resp: 1887149

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.4	42.6
170	23.8	19.1	28.7



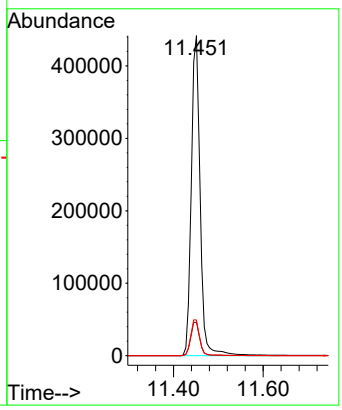


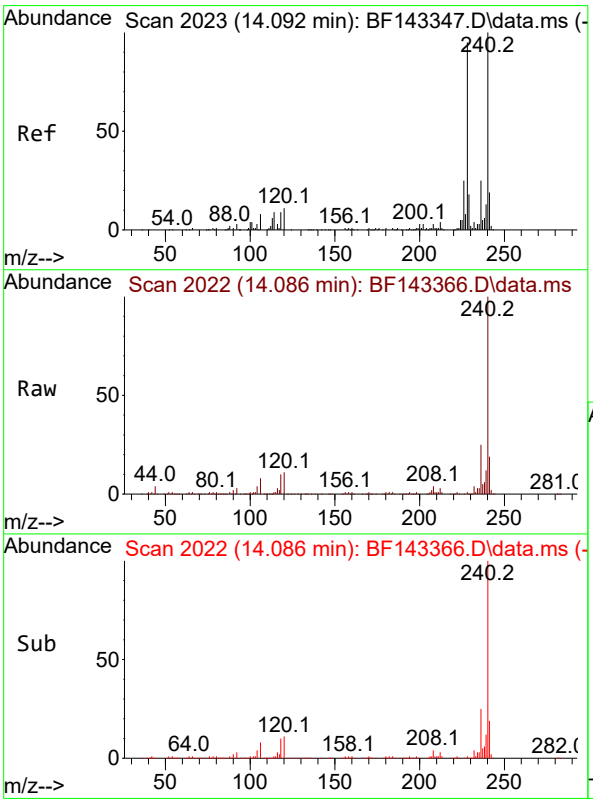
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Tgt Ion:188 Resp: 604678

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.8	13.2
80	11.1	9.7	14.5

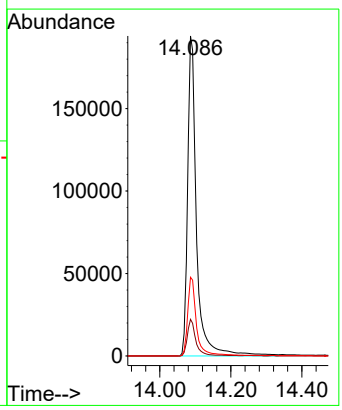


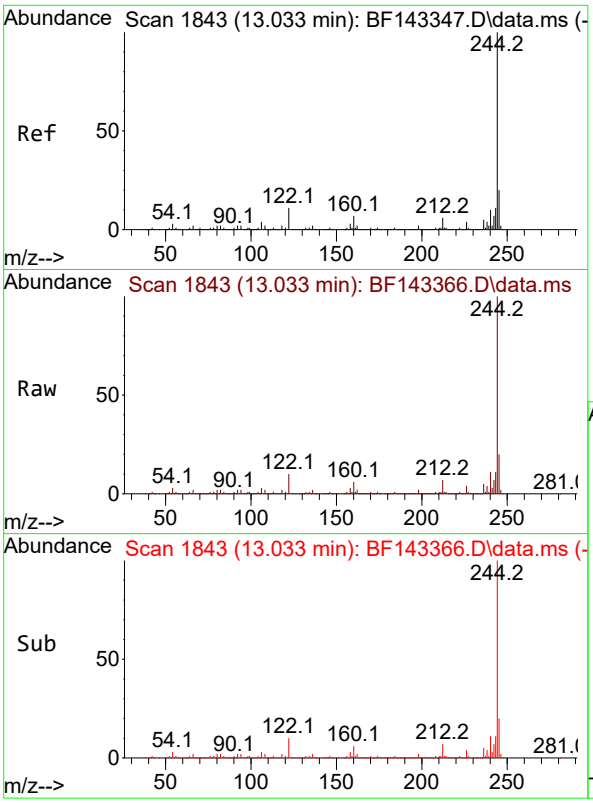


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Tgt Ion:240 Resp: 338429

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.0	13.6
236	24.6	19.9	29.9



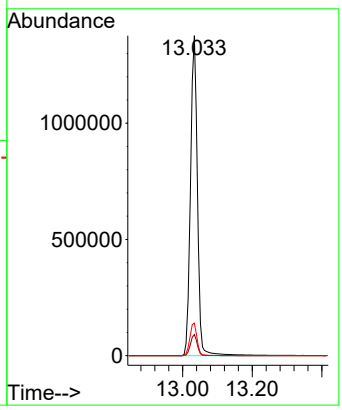


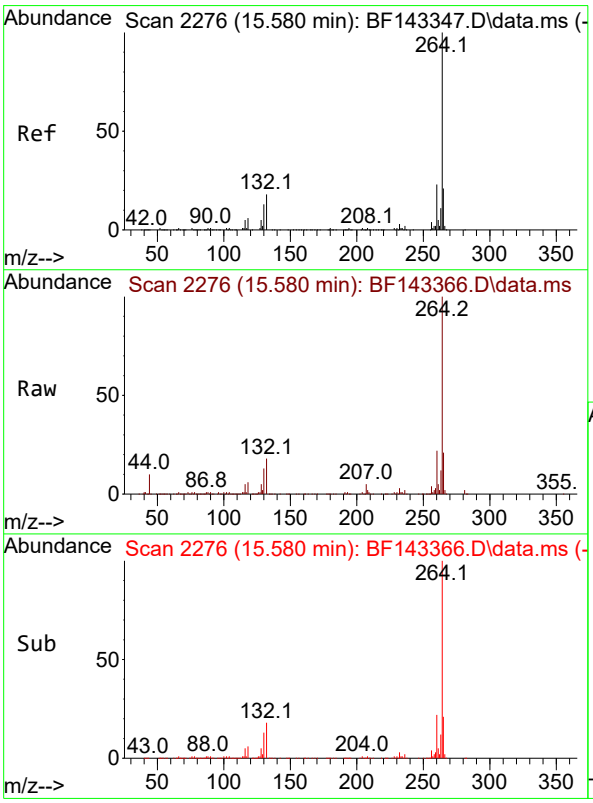
#79
Terphenyl-d14
Concen: 100.862 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Tgt Ion:244 Resp: 1911940

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.1	7.7
122	10.2	8.9	13.3

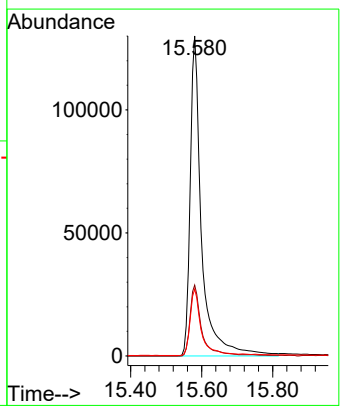




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Tgt Ion:264 Resp: 291238

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.7	28.1
265	20.9	17.2	25.8



Sample Results: **BF143366.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

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_F\Methods\8270-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143366.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.322	11	22	30	rVB	77446	140102	2.53%	0.412%
2	5.181	500	508	520	rBV	339826	554852	10.02%	1.633%
3	5.575	569	575	580	rBV	3344458	4584078	82.77%	13.490%
4	6.563	736	743	748	rBV	3135419	4536202	81.90%	13.349%
5	6.928	800	805	819	rVB	859861	1072172	19.36%	3.155%
6	7.487	893	900	905	rBV	2265427	3171926	57.27%	9.334%
7	8.210	1017	1023	1048	rBV	1015167	1398354	25.25%	4.115%
8	9.281	1199	1205	1247	rBV	3654901	5538480	100.00%	16.299%
9	9.963	1315	1321	1344	rBV	1112505	1507374	27.22%	4.436%
10	10.751	1449	1455	1492	rBV	2238811	3263063	58.92%	9.603%
11	11.451	1568	1574	1600	rBV	1112879	1535740	27.73%	4.519%
12	13.033	1837	1843	1876	rBV	3635655	5049929	91.18%	14.861%
13	14.086	2017	2022	2046	rBV	520953	890845	16.08%	2.622%
14	15.580	2270	2276	2301	rBV	340983	737576	13.32%	2.171%

Sum of corrected areas: 33980693

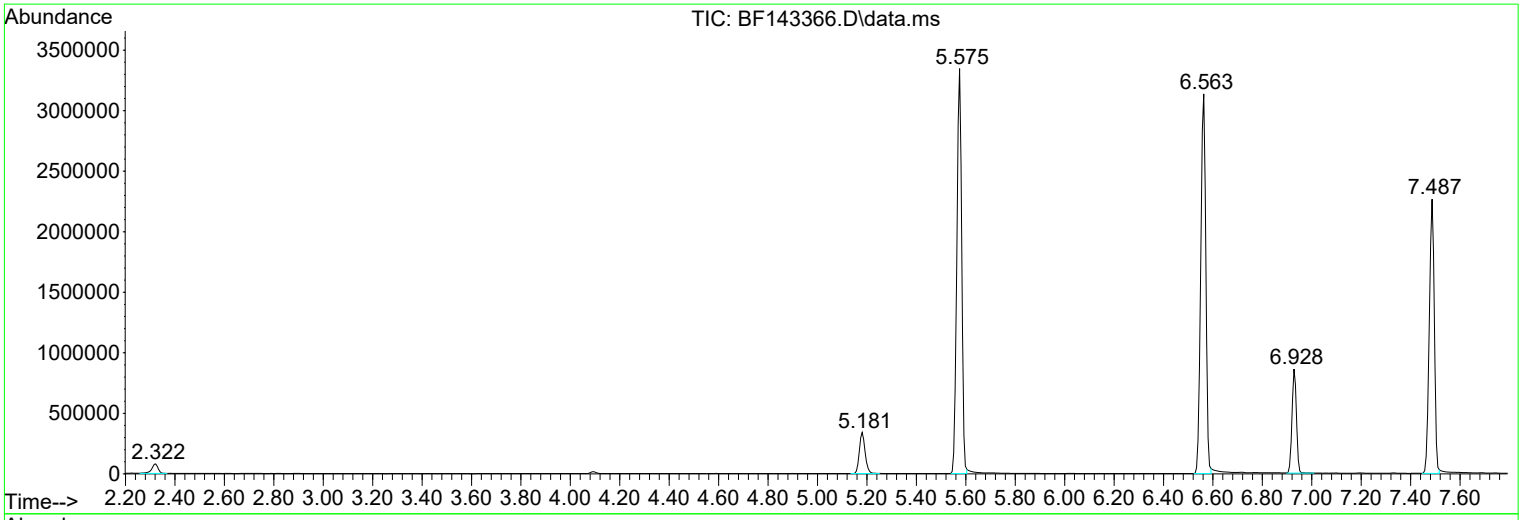
Sample Results: **BF143366.D**

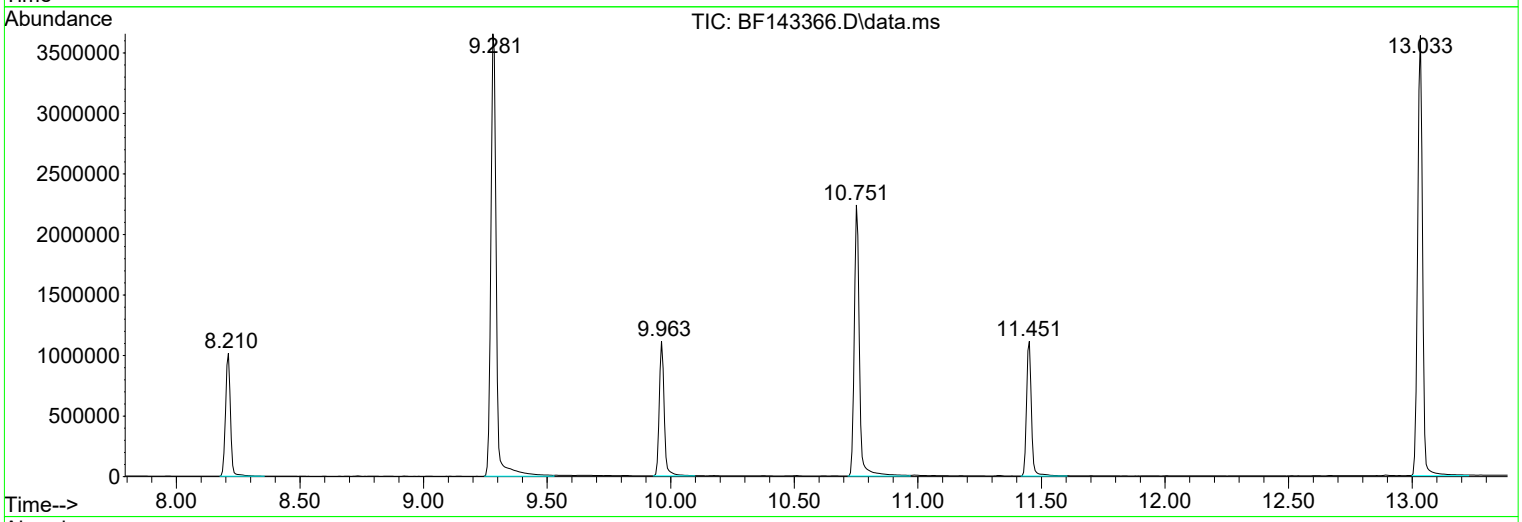
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

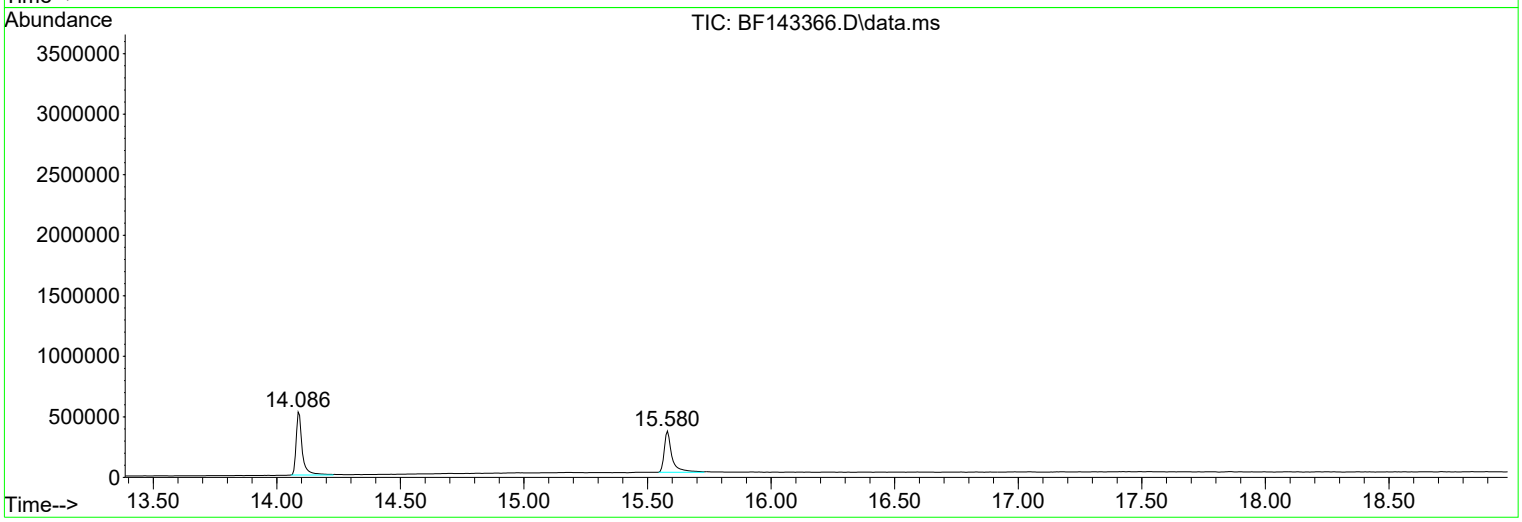
Instrument :
BNA_F
ClientSampleId :
PB169210BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.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_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

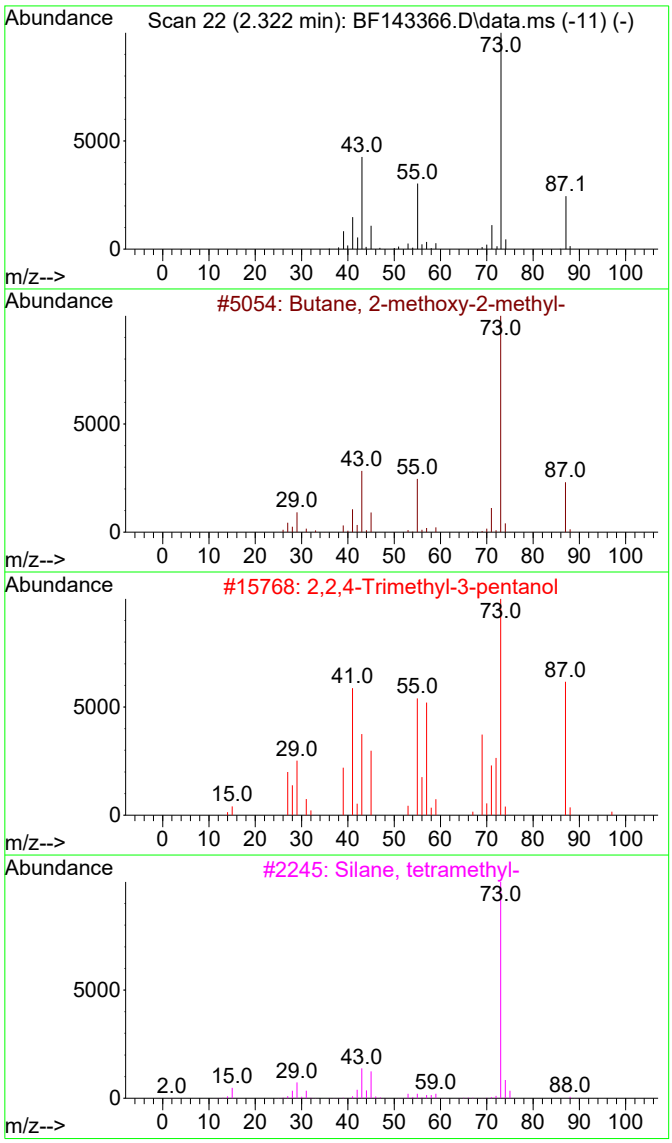
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

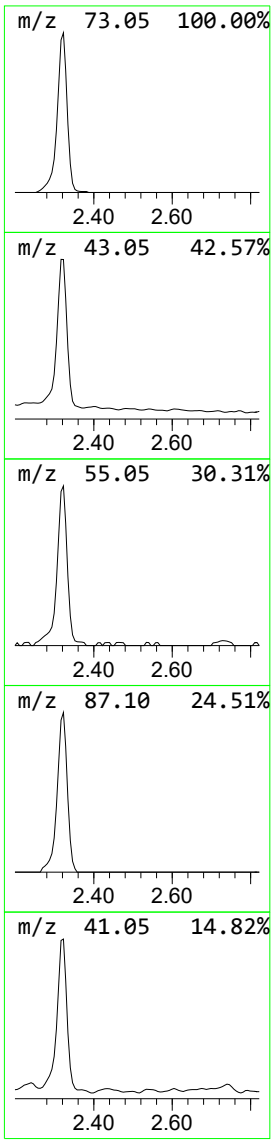
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.322	2.61 ng	140102	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

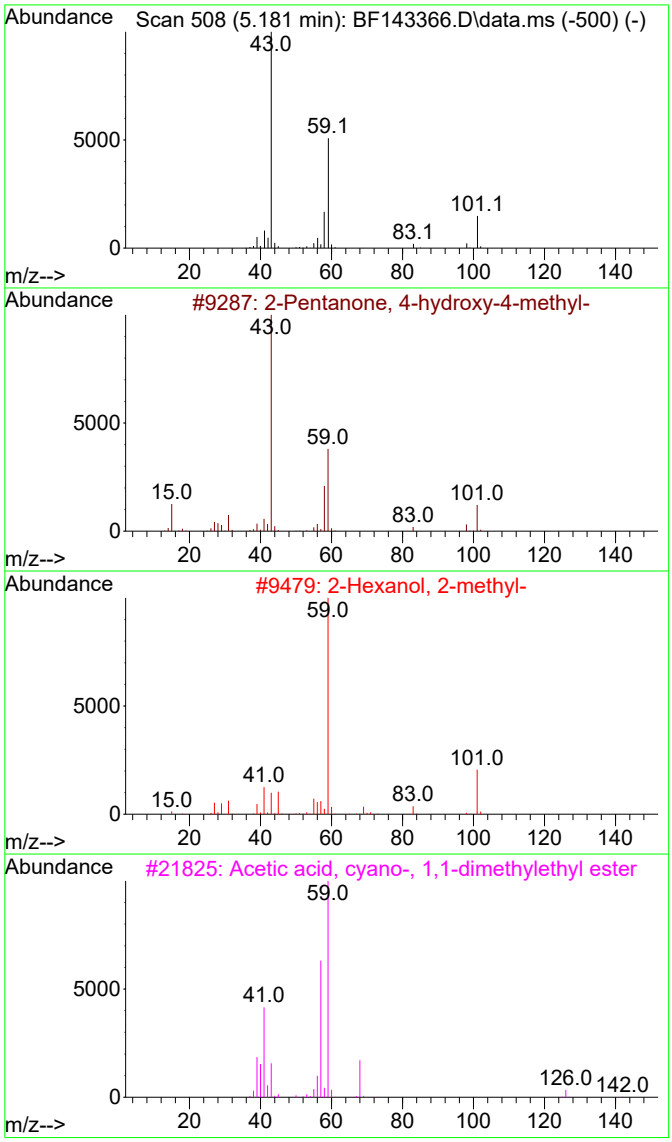
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

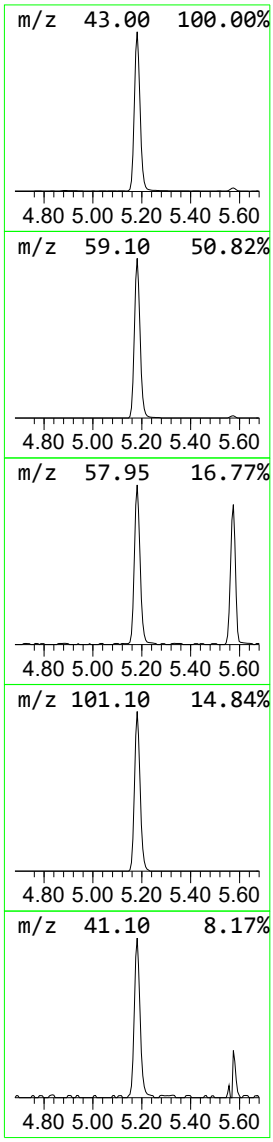
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.181	10.35 ng	554852	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.322	2.6	ng	140102	1	6.928	1072170	20.0
2-Pentanone, 4-...	5.181	10.4	ng	554852	1	6.928	1072170	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025402.D
Acq On : 14 Aug 2025 20:10
Operator : CG/JU
Sample : PB169210BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 15 01:37:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	156059	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	650560	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	435539	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	895607	20.000	ng	0.00
76) Chrysene-d12	21.648	240	937531	20.000	ng	0.00
86) Perylene-d12	25.018	264	1016818	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1280798	136.296	ng	0.00
7) Phenol-d6	6.972	99	1664968	138.195	ng	0.00
23) Nitrobenzene-d5	8.937	82	1023164	79.558	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	807504	137.743	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	2538853	79.667	ng	0.00
79) Terphenyl-d14	19.942	244	4256352	83.062	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	150326	40.840	ng	99
3) Pyridine	3.725	79	377128	37.433	ng	98
4) n-Nitrosodimethylamine	3.631	42	183326	44.137	ng	97
6) Aniline	7.125	93	680651	41.931	ng	98
8) 2-Chlorophenol	7.366	128	518221	48.869	ng	99
9) Benzaldehyde	6.937	77	256830	30.427	ng	98
10) Phenol	6.996	94	629374	49.784	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	437105	44.360	ng	100
12) 1,3-Dichlorobenzene	7.684	146	509681	43.589	ng	100
13) 1,4-Dichlorobenzene	7.825	146	520662	43.564	ng	99
14) 1,2-Dichlorobenzene	8.143	146	502978	43.476	ng	97
15) Benzyl Alcohol	8.025	79	446566	46.649	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	580366	43.968	ng	98
17) 2-Methylphenol	8.225	107	435851	49.640	ng	99
18) Hexachloroethane	8.866	117	192819	43.879	ng	96
19) n-Nitroso-di-n-propyla...	8.584	70	349179	43.755	ng	97
20) 3+4-Methylphenols	8.549	107	601995	49.463	ng	98
22) Acetophenone	8.602	105	715431	43.852	ng	99
24) Nitrobenzene	8.978	77	512825	44.618	ng	99
25) Isophorone	9.502	82	1003541	44.092	ng	99
26) 2-Nitrophenol	9.678	139	274616	46.556	ng	99
27) 2,4-Dimethylphenol	9.743	122	502601	49.547	ng	99
28) bis(2-Chloroethoxy)met...	9.978	93	622573	45.252	ng	98
29) 2,4-Dichlorophenol	10.213	162	505992	50.213	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	484724	43.881	ng	99
31) Naphthalene	10.613	128	1505392	44.521	ng	99
32) Benzoic acid	9.884	122	383103	51.155	ng	97
33) 4-Chloroaniline	10.713	127	624236	41.794	ng	99
34) Hexachlorobutadiene	10.901	225	298042	43.323	ng	98
35) Caprolactam	11.496	113	181569	49.139	ng	99
36) 4-Chloro-3-methylphenol	11.831	107	582706	50.394	ng	98
37) 2-Methylnaphthalene	12.219	142	1004265	45.639	ng	99
38) 1-Methylnaphthalene	12.443	142	1051392	44.929	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	564099	44.845	ng	99
41) Hexachlorocyclopentadiene	12.578	237	716635	94.317	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	420901	49.564	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025402.D
Acq On : 14 Aug 2025 20:10
Operator : CG/JU
Sample : PB169210BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 15 01:37:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	468666	50.356	ng	98
46) 1,1'-Biphenyl	13.231	154	1476847	46.689	ng	100
47) 2-Chloronaphthalene	13.272	162	1146132	46.544	ng	99
48) 2-Nitroaniline	13.472	65	355089	49.489	ng	96
49) Acenaphthylene	14.131	152	1910326	46.883	ng	100
50) Dimethylphthalate	13.860	163	1540919	48.314	ng	99
51) 2,6-Dinitrotoluene	13.978	165	335519	49.911	ng	98
52) Acenaphthene	14.478	154	1132105	47.334	ng	100
53) 3-Nitroaniline	14.307	138	331713	43.858	ng	97
54) 2,4-Dinitrophenol	14.513	184	401585	111.865	ng	97
55) Dibenzofuran	14.813	168	1757203	46.470	ng	100
56) 4-Nitrophenol	14.625	139	648186	104.294	ng	98
57) 2,4-Dinitrotoluene	14.766	165	491249	51.219	ng	100
58) Fluorene	15.472	166	1388189	46.525	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.042	232	408762	49.740	ng	99
60) Diethylphthalate	15.248	149	1563135	48.233	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	683735	46.075	ng	98
62) 4-Nitroaniline	15.489	138	380486	49.072	ng	99
63) Azobenzene	15.772	77	1343333	48.409	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	277954	49.788	ng	95
66) n-Nitrosodiphenylamine	15.689	169	1290834	47.265	ng	99
67) 4-Bromophenyl-phenylether	16.384	248	460600	46.761	ng	96
68) Hexachlorobenzene	16.501	284	531682	46.564	ng	98
69) Atrazine	16.660	200	492822	48.184	ng	97
70) Pentachlorophenol	16.848	266	700841	97.234	ng	99
71) Phenanthrene	17.248	178	2335980	47.481	ng	100
72) Anthracene	17.348	178	2338590	46.547	ng	99
73) Carbazole	17.619	167	2254500	47.640	ng	99
74) Di-n-butylphthalate	18.219	149	2850461	48.957	ng	100
75) Fluoranthene	19.336	202	2769236	47.188	ng	99
77) Benzidine	19.525	184	2034719	63.593	ng	99
78) Pyrene	19.713	202	2848697	46.748	ng	99
80) Butylbenzylphthalate	20.666	149	1350312	48.894	ng	99
81) Benzo(a)anthracene	21.630	228	2905027	46.984	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	936735	40.194	ng	99
83) Chrysene	21.695	228	2733737	47.211	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1973001	48.532	ng	100
85) Di-n-octyl phthalate	22.877	149	3308927	47.320	ng	100
87) Indeno(1,2,3-cd)pyrene	28.848	276	3596116m	48.225	ng	
88) Benzo(b)fluoranthene	23.971	252	2918542	48.676	ng	99
89) Benzo(k)fluoranthene	24.042	252	2967349	49.456	ng	100
90) Benzo(a)pyrene	24.871	252	2854031	48.899	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	2946612	48.354	ng	98
92) Benzo(g,h,i)perylene	30.053	276	2879368	48.068	ng	99

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

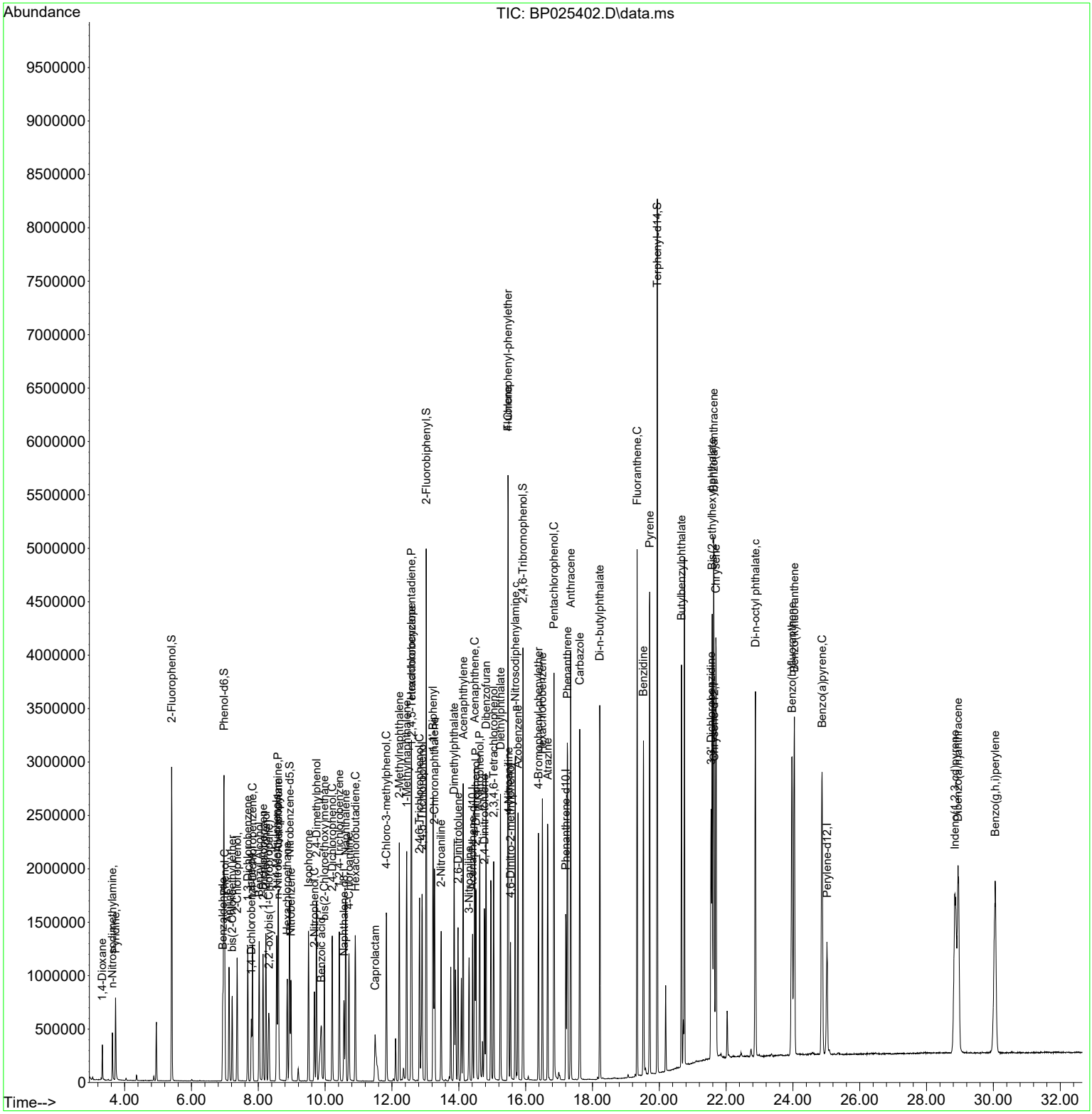
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025402.D
Acq On : 14 Aug 2025 20:10
Operator : CG/JU
Sample : PB169210BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 15 01:37:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



Sample Results: **BF143367.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143367.D
Acq On : 13 Aug 2025 11:12
Operator : RC/JU
Sample : Q2830-05MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 11:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	137804	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	517024	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	272568	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	391965	20.000	ng	0.00
76) Chrysene-d12	14.092	240	309493	20.000	ng	0.00
86) Perylene-d12	15.580	264	383464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	762938	95.739	ng	0.00
7) Phenol-d6	6.563	99	975086	95.417	ng	0.00
23) Nitrobenzene-d5	7.487	82	626187	75.422	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	241161	121.066	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1107824	68.922	ng	0.00
79) Terphenyl-d14	13.027	244	1013154	58.445	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	163035	39.537	ng	99
3) Pyridine	3.575	79	438470	39.902	ng	100
4) n-Nitrosodimethylamine	3.510	42	231473	45.221	ng	99
6) Aniline	6.592	93	442543	30.717	ng	95
8) 2-Chlorophenol	6.722	128	387249	45.478	ng	96
9) Benzaldehyde	6.481	77	223837	33.140	ng	98
10) Phenol	6.575	94	499579	41.267	ng	99
11) bis(2-Chloroethyl)ether	6.657	93	401332	44.981	ng	99
12) 1,3-Dichlorobenzene	6.875	146	434984	44.288	ng	99
13) 1,4-Dichlorobenzene	6.945	146	436306	44.261	ng	99
14) 1,2-Dichlorobenzene	7.098	146	419380	44.818	ng	100
15) Benzyl Alcohol	7.069	79	344289	47.000	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	711810	44.687	ng	97
17) 2-Methylphenol	7.181	107	310496	43.198	ng	100
18) Hexachloroethane	7.445	117	149347	48.325	ng	96
19) n-Nitroso-di-n-propyla...	7.334	70	280271	44.386	ng	97
20) 3+4-Methylphenols	7.334	107	369644	42.523	ng	95
22) Acetophenone	7.334	105	511443	44.896	ng	97
24) Nitrobenzene	7.504	77	418648	46.430	ng	99
25) Isophorone	7.745	82	768386	45.335	ng	99
26) 2-Nitrophenol	7.822	139	203194	55.608	ng	99
27) 2,4-Dimethylphenol	7.863	122	349296m	49.398	ng	
28) bis(2-Chloroethoxy)met...	7.951	93	478776	46.267	ng	100
29) 2,4-Dichlorophenol	8.069	162	324090	46.926	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	347348	47.679	ng	99
31) Naphthalene	8.234	128	1089838	43.806	ng	100
32) Benzoic acid	7.975	122	193304	58.598	ng	99
33) 4-Chloroaniline	8.275	127	219162	24.424	ng	99
34) Hexachlorobutadiene	8.351	225	213552	47.123	ng	100
35) Caprolactam	8.645	113	95843	49.365	ng	99
36) 4-Chloro-3-methylphenol	8.763	107	325053	44.895	ng	99
37) 2-Methylnaphthalene	8.922	142	660623	40.391	ng	99
38) 1-Methylnaphthalene	9.022	142	682387	43.320	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	340812	45.694	ng	99
41) Hexachlorocyclopentadiene	9.081	237	306137	113.347	ng	98
43) 2,4,6-Trichlorophenol	9.204	196	214621	50.715	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143367.D
Acq On : 13 Aug 2025 11:12
Operator : RC/JU
Sample : Q2830-05MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 11:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	229789	48.084	ng		98
46) 1,1'-Biphenyl	9.386	154	876424	45.476	ng		99
47) 2-Chloronaphthalene	9.410	162	670874	44.200	ng		99
48) 2-Nitroaniline	9.504	65	209062	47.772	ng		99
49) Acenaphthylene	9.828	152	1078567	49.207	ng		100
50) Dimethylphthalate	9.680	163	767406	48.184	ng		100
51) 2,6-Dinitrotoluene	9.739	165	165224	54.402	ng		97
52) Acenaphthene	9.998	154	682321	46.824	ng		99
53) 3-Nitroaniline	9.910	138	108458	33.253	ng		98
54) 2,4-Dinitrophenol	10.022	184	128950	93.173	ng	#	82
55) Dibenzofuran	10.169	168	930157	44.351	ng		100
56) 4-Nitrophenol	10.080	139	201185	77.373	ng		96
57) 2,4-Dinitrotoluene	10.145	165	215672	53.556	ng		93
58) Fluorene	10.516	166	710470	44.351	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	187331	58.151	ng		97
60) Diethylphthalate	10.380	149	719937	50.466	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	352284	45.513	ng		99
62) 4-Nitroaniline	10.522	138	150805	47.789	ng		99
63) Azobenzene	10.663	77	785525	48.208	ng		97
65) 4,6-Dinitro-2-methylph...	10.557	198	98616	60.040	ng		95
66) n-Nitrosodiphenylamine	10.622	169	608929	47.180	ng		99
67) 4-Bromophenyl-phenylether	10.992	248	215964	48.176	ng		98
68) Hexachlorobenzene	11.063	284	225664	46.702	ng		98
69) Atrazine	11.145	200	184901	54.927	ng		99
70) Pentachlorophenol	11.257	266	226544	94.613	ng		97
71) Phenanthrene	11.474	178	960966	44.935	ng		99
72) Anthracene	11.527	178	994942	45.875	ng		99
73) Carbazole	11.680	167	820685	44.432	ng		99
74) Di-n-butylphthalate	12.004	149	1030302	65.918	ng		100
75) Fluoranthene	12.663	202	909808	48.568	ng		99
77) Benzidine	12.780	184	293910	34.736	ng		99
78) Pyrene	12.892	202	914572	35.225	ng		100
80) Butylbenzylphthalate	13.504	149	381128	72.449	ng		97
81) Benzo(a)anthracene	14.080	228	899115	45.707	ng		100
82) 3,3'-Dichlorobenzidine	14.039	252	206592	38.894	ng		98
83) Chrysene	14.115	228	830343	45.269	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	559729	71.994	ng		98
85) Di-n-octyl phthalate	14.674	149	1029373	65.934	ng		98
87) Indeno(1,2,3-cd)pyrene	17.104	276	1220480	44.425	ng		100
88) Benzo(b)fluoranthene	15.145	252	1021721	48.714	ng		99
89) Benzo(k)fluoranthene	15.174	252	918699	45.078	ng		99
90) Benzo(a)pyrene	15.515	252	951612	48.173	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	979680	44.637	ng		100
92) Benzo(g,h,i)perylene	17.562	276	974809	44.090	ng		98

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

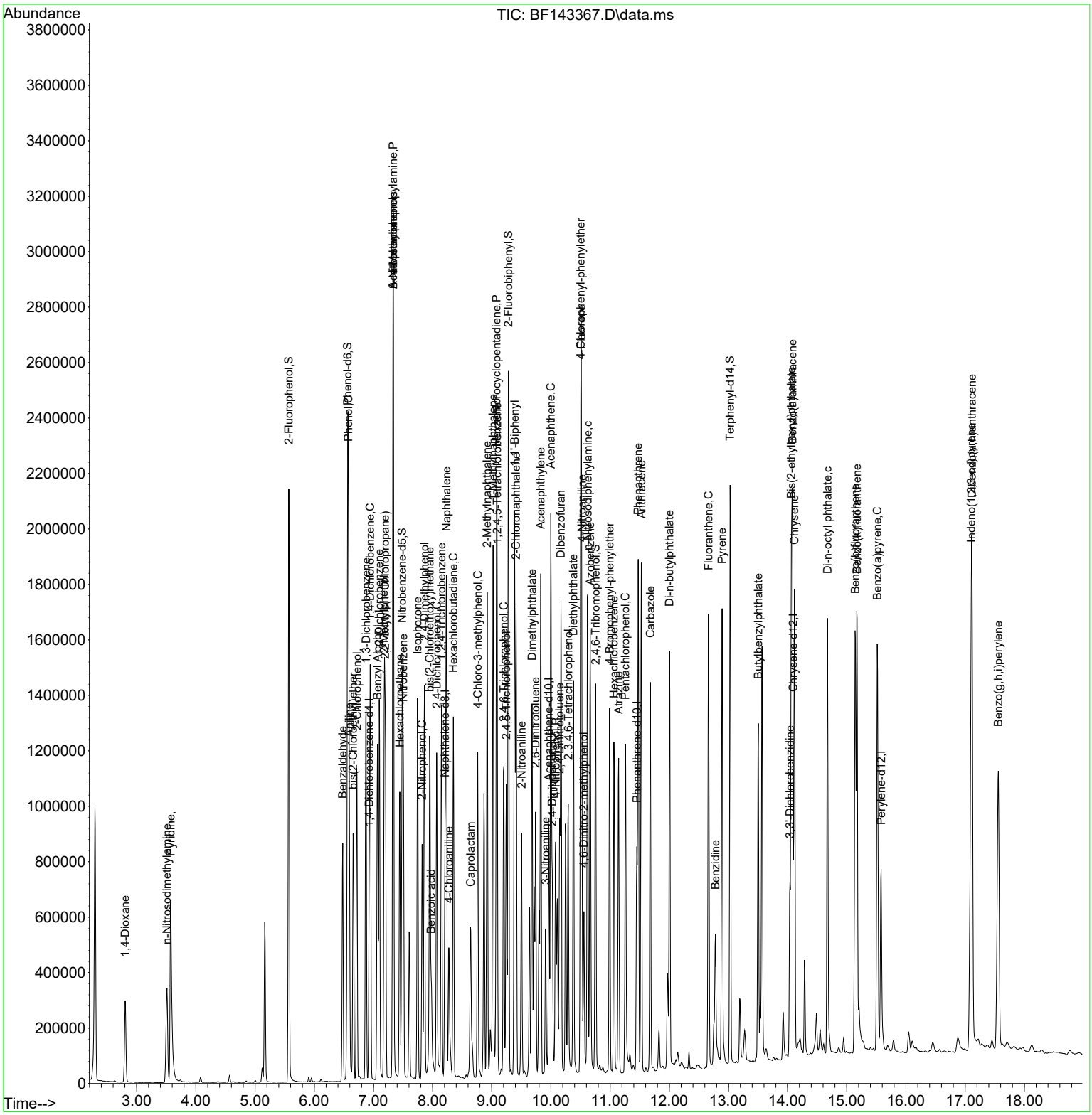
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143367.D
Acq On : 13 Aug 2025 11:12
Operator : RC/JU
Sample : Q2830-05MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 11:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



Sample Results: **BF143368.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143368.D
Acq On : 13 Aug 2025 11:42
Operator : RC/JU
Sample : Q2830-05MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 12:09:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	182122	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	707644	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	400799	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	660496	20.000	ng		0.00
76) Chrysene-d12	14.092	240	401162	20.000	ng		0.00
86) Perylene-d12	15.580	264	380758	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	1030173	97.815	ng		0.01
7) Phenol-d6	6.569	99	1365162	101.081	ng		0.00
23) Nitrobenzene-d5	7.487	82	878016	77.266	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	416362	142.146	ng		0.00
45) 2-Fluorobiphenyl	9.287	172	1556632	65.860	ng		0.00
79) Terphenyl-d14	13.033	244	1742522	77.549	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.852	88	216902	39.800	ng		99
3) Pyridine	3.610	79	587317	40.442	ng		98
4) n-Nitrosodimethylamine	3.552	42	317834	46.983	ng		99
6) Aniline	6.593	93	623006	32.720	ng	#	85
8) 2-Chlorophenol	6.722	128	538312	47.835	ng		97
9) Benzaldehyde	6.481	77	312941	35.058	ng		99
10) Phenol	6.581	94	683901	42.745	ng		90
11) bis(2-Chloroethyl)ether	6.663	93	535850	45.443	ng		100
12) 1,3-Dichlorobenzene	6.875	146	578637	44.578	ng		99
13) 1,4-Dichlorobenzene	6.945	146	581723	44.652	ng		99
14) 1,2-Dichlorobenzene	7.098	146	570467	46.129	ng		100
15) Benzyl Alcohol	7.069	79	492701	50.893	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	961341	45.666	ng		98
17) 2-Methylphenol	7.187	107	443333	46.670	ng		98
18) Hexachloroethane	7.445	117	202404	49.556	ng		97
19) n-Nitroso-di-n-propyla...	7.340	70	388884	46.600	ng		100
20) 3+4-Methylphenols	7.334	107	518418	45.126	ng		98
22) Acetophenone	7.334	105	694973	44.573	ng		99
24) Nitrobenzene	7.510	77	593508	48.092	ng		98
25) Isophorone	7.751	82	1117448	48.170	ng		100
26) 2-Nitrophenol	7.828	139	294278	58.630	ng		98
27) 2,4-Dimethylphenol	7.863	122	511164	52.817	ng		99
28) bis(2-Chloroethoxy)met...	7.957	93	676006	47.729	ng		100
29) 2,4-Dichlorophenol	8.069	162	468786	49.593	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	478500	47.989	ng		99
31) Naphthalene	8.234	128	1505002	44.199	ng		100
32) Benzoic acid	7.998	122	309164	65.585	ng		98
33) 4-Chloroaniline	8.275	127	272712	22.205	ng		99
34) Hexachlorobutadiene	8.351	225	288283	46.477	ng		99
35) Caprolactam	8.657	113	165196m	62.166	ng		
36) 4-Chloro-3-methylphenol	8.769	107	502504	50.708	ng		98
37) 2-Methylnaphthalene	8.922	142	946801	42.295	ng		100
38) 1-Methylnaphthalene	9.022	142	966128	44.811	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	480387	43.801	ng		99
41) Hexachlorocyclopentadiene	9.081	237	428209	108.143	ng		98
43) 2,4,6-Trichlorophenol	9.204	196	328493	52.788	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143368.D
Acq On : 13 Aug 2025 11:42
Operator : RC/JU
Sample : Q2830-05MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 12:09:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	351758	50.056	ng		100
46) 1,1'-Biphenyl	9.386	154	1270549	44.834	ng		100
47) 2-Chloronaphthalene	9.416	162	979937	43.906	ng		99
48) 2-Nitroaniline	9.504	65	340937	52.679	ng		100
49) Acenaphthylene	9.828	152	1581483	49.067	ng		99
50) Dimethylphthalate	9.686	163	1214679	51.866	ng		99
51) 2,6-Dinitrotoluene	9.745	165	268843	59.883	ng		94
52) Acenaphthene	10.004	154	1043271	48.688	ng		99
53) 3-Nitroaniline	9.916	138	192473	40.131	ng		98
54) 2,4-Dinitrophenol	10.028	184	241742	108.851	ng	#	79
55) Dibenzofuran	10.175	168	1401976	45.461	ng		99
56) 4-Nitrophenol	10.086	139	377068	97.115	ng		95
57) 2,4-Dinitrotoluene	10.151	165	367974	61.658	ng		94
58) Fluorene	10.516	166	1069858	45.419	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	302951	63.954	ng		98
60) Diethylphthalate	10.386	149	1155461	55.082	ng		98
61) 4-Chlorophenyl-phenyle...	10.504	204	544980	47.882	ng		99
62) 4-Nitroaniline	10.534	138	276498	59.587	ng		99
63) Azobenzene	10.669	77	1235605	51.569	ng		95
65) 4,6-Dinitro-2-methylph...	10.563	198	186228	66.409	ng		96
66) n-Nitrosodiphenylamine	10.622	169	962968	44.277	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	358621	47.475	ng		95
68) Hexachlorobenzene	11.069	284	376657	46.259	ng		99
69) Atrazine	11.151	200	331678	58.471	ng		99
70) Pentachlorophenol	11.263	266	403940	99.770	ng		97
71) Phenanthrene	11.480	178	1582864	43.924	ng		99
72) Anthracene	11.533	178	1617222	44.251	ng		100
73) Carbazole	11.680	167	1435658	46.126	ng		98
74) Di-n-butylphthalate	12.010	149	1806368	68.584	ng		100
75) Fluoranthene	12.669	202	1600581	50.705	ng		99
77) Benzidine	12.780	184	443223	40.413	ng		98
78) Pyrene	12.898	202	1573380	46.752	ng		99
80) Butylbenzylphthalate	13.504	149	628406	91.246	ng		98
81) Benzo(a)anthracene	14.080	228	1177706	46.189	ng		100
82) 3,3'-Dichlorobenzidine	14.039	252	240837	34.980	ng		99
83) Chrysene	14.121	228	1116683	46.969	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	801196	79.088	ng		97
85) Di-n-octyl phthalate	14.674	149	1151053	57.708	ng		96
87) Indeno(1,2,3-cd)pyrene	17.104	276	1270391	46.571	ng		99
88) Benzo(b)fluoranthene	15.145	252	1011358	48.563	ng		99
89) Benzo(k)fluoranthene	15.174	252	1035288	51.160	ng		100
90) Benzo(a)pyrene	15.521	252	987713	50.356	ng		99
91) Dibenzo(a,h)anthracene	17.121	278	1038764	47.665	ng		99
92) Benzo(g,h,i)perylene	17.562	276	1008201	45.924	ng		99

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

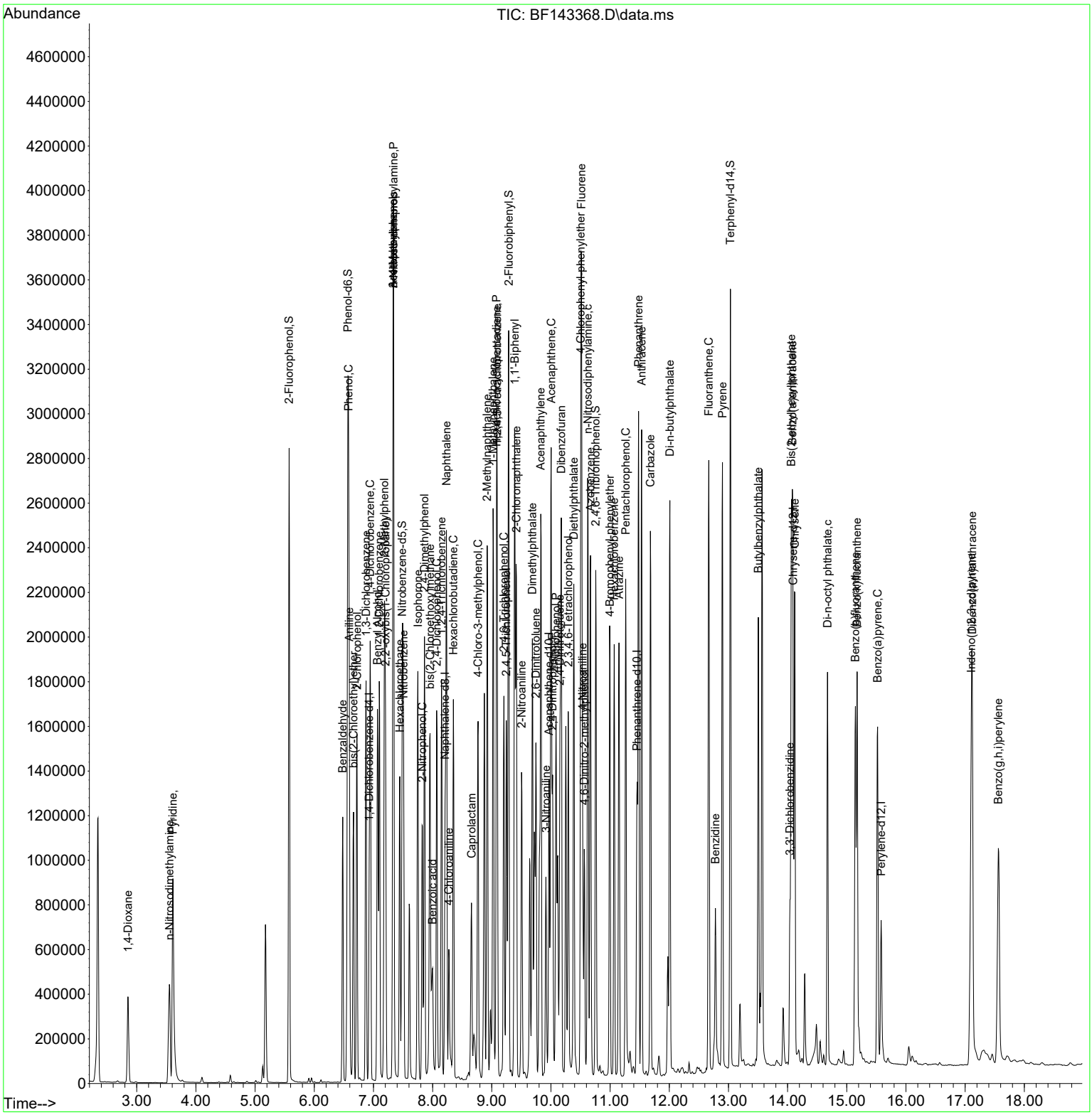
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143368.D
Acq On : 13 Aug 2025 11:42
Operator : RC/JU
Sample : Q2830-05MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 12:09:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



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

Manual Integration Report

Sequence:	BF081225	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF143345.D	Benzoic acid	Rahul	8/13/2025 8:58:28 AM	Jagrut	8/13/2025 11:10:31 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	bf081325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2830-05MS	BF143367.D	2,4-Dimethylphenol	Rahul	8/14/2025 10:12:53 AM	Jagrut	8/15/2025 12:46:35 PM	Peak Integrated by Software
Q2830-05MSD	BF143368.D	Caprolactam	Rahul	8/14/2025 10:12:55 AM	Jagrut	8/15/2025 12:46:37 PM	Peak Integrated by Software
SSTDCCC040	BF143375.D	2,4-Dimethylphenol	Rahul	8/14/2025 10:13:11 AM	Jagrut	8/15/2025 12:46:49 PM	Peak Integrated by Software
SSTDCCC040	BF143375.D	Benzoic acid	Rahul	8/14/2025 10:13:11 AM	Jagrut	8/15/2025 12:46:49 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

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

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

Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169210BS	BP025402.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:35 AM	Jagrut	8/15/2025 12:49:41 PM	Peak Integrated by Software
SSTDCCC040	BP025403.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:33 AM	Jagrut	8/15/2025 12:49:44 PM	Peak Integrated by Software
SSTDCCC040	BP025405.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:31 AM	Jagrut	8/15/2025 12:49:46 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Acenaphthene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	bp081825	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025455.D	Acenaphthene	Rahul	8/19/2025 8:33:39 AM	Jagrut	8/19/2025 8:38:58 AM	Peak Integrated by Software
SSTDCCC040	BP025455.D	Benzaldehyde	Rahul	8/19/2025 8:33:39 AM	Jagrut	8/19/2025 8:38:58 AM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081225

Review By	Jagrut	Review On	8/13/2025 11:12:27 AM				
Supervise By	Rahul	Supervise On	8/13/2025 3:44:43 PM				
SubDirectory	BF081225	HP Acquire Method	BNA_F		HP Processing Method	bf081225	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143342.D	12 Aug 2025 08:34	RC/JU	Ok
2	SSTDICC2.5	BF143343.D	12 Aug 2025 09:03	RC/JU	Ok
3	SSTDICC005	BF143344.D	12 Aug 2025 09:34	RC/JU	Ok
4	SSTDICC010	BF143345.D	12 Aug 2025 10:04	RC/JU	Ok,M
5	SSTDICC020	BF143346.D	12 Aug 2025 10:35	RC/JU	Ok
6	SSTDICCC040	BF143347.D	12 Aug 2025 11:06	RC/JU	Ok
7	SSTDICC050	BF143348.D	12 Aug 2025 11:37	RC/JU	Ok
8	SSTDICC060	BF143349.D	12 Aug 2025 12:07	RC/JU	Ok
9	SSTDICC080	BF143350.D	12 Aug 2025 12:38	RC/JU	Ok
10	SSTDICV040	BF143351.D	12 Aug 2025 13:52	RC/JU	Ok
11	PB169189BL	BF143352.D	12 Aug 2025 14:22	RC/JU	Ok
12	PB169189BS	BF143353.D	12 Aug 2025 14:53	RC/JU	Ok,M
13	Q2807-02	BF143354.D	12 Aug 2025 15:33	RC/JU	Ok,M
14	Q2807-01	BF143355.D	12 Aug 2025 16:02	RC/JU	Ok
15	Q2807-03	BF143356.D	12 Aug 2025 16:32	RC/JU	Ok,M
16	Q2807-03MS	BF143357.D	12 Aug 2025 17:02	RC/JU	Ok
17	Q2807-03MSD	BF143358.D	12 Aug 2025 17:32	RC/JU	Ok,M
18	Q2830-07	BF143359.D	12 Aug 2025 18:02	RC/JU	Ok
19	Q2830-01	BF143360.D	12 Aug 2025 18:32	RC/JU	Ok
20	Q2830-03	BF143361.D	12 Aug 2025 19:02	RC/JU	Ok
21	Q2830-05	BF143362.D	12 Aug 2025 19:32	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081225

Review By	Jagrut	Review On	8/13/2025 11:12:27 AM				
Supervise By	Rahul	Supervise On	8/13/2025 3:44:43 PM				
SubDirectory	BF081225	HP Acquire Method	BNA_F		HP Processing Method	bf081225	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2831-01	BF143363.D	12 Aug 2025 20:02	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081325

Review By	Rahul	Review On	8/14/2025 10:13:42 AM				
Supervise By	Jagrut	Supervise On	8/15/2025 12:47:02 PM				
SubDirectory	BF081325	HP Acquire Method	BNA_F		HP Processing Method	bf081225	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143364.D	13 Aug 2025 08:59	RC/JU	Ok
2	SSTDCCC040	BF143365.D	13 Aug 2025 10:00	RC/JU	Ok
3	PB169210BL	BF143366.D	13 Aug 2025 10:30	RC/JU	Ok
4	Q2830-05MS	BF143367.D	13 Aug 2025 11:12	RC/JU	Ok,M
5	Q2830-05MSD	BF143368.D	13 Aug 2025 11:42	RC/JU	Ok,M
6	Q2808-04	BF143369.D	13 Aug 2025 12:12	RC/JU	Ok
7	Q2808-04MS	BF143370.D	13 Aug 2025 12:42	RC/JU	Ok,M
8	Q2808-04MSD	BF143371.D	13 Aug 2025 13:12	RC/JU	Ok,M
9	Q2827-04	BF143372.D	13 Aug 2025 13:42	RC/JU	Ok
10	Q2827-08	BF143373.D	13 Aug 2025 14:11	RC/JU	Ok,M
11	Q2831-03	BF143374.D	13 Aug 2025 14:42	RC/JU	Ok,M
12	SSTDCCC040	BF143375.D	13 Aug 2025 15:41	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

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

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

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

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

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

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

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

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081825

Review By	Rahul	Review On	8/19/2025 8:34:05 AM				
Supervise By	Jagrut	Supervise On	8/19/2025 8:39:20 AM				
SubDirectory	BP081825	HP Acquire Method	BNA_P		HP Processing Method	bp081425	

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025454.D	18 Aug 2025 08:34	CG/JU	Ok
2	SSTDCCC040	BP025455.D	18 Aug 2025 10:39	CG/JU	Ok,M
3	PB169244BL	BP025456.D	18 Aug 2025 11:20	CG/JU	Ok
4	Q2838-05	BP025457.D	18 Aug 2025 12:06	CG/JU	Ok
5	Q2864-01	BP025458.D	18 Aug 2025 12:47	CG/JU	Ok
6	Q2838-01	BP025459.D	18 Aug 2025 13:28	CG/JU	Ok
7	Q2864-03	BP025460.D	18 Aug 2025 14:09	CG/JU	Ok
8	Q2877-01	BP025461.D	18 Aug 2025 14:50	CG/JU	Ok,M
9	Q2853-01	BP025462.D	18 Aug 2025 15:31	CG/JU	Ok
10	Q2883-01	BP025463.D	18 Aug 2025 16:13	CG/JU	Ok,M
11	Q2857-03	BP025464.D	18 Aug 2025 16:54	CG/JU	Ok,M
12	Q2876-01	BP025465.D	18 Aug 2025 17:35	CG/JU	Ok
13	Q2826-01	BP025466.D	18 Aug 2025 18:17	CG/JU	Ok
14	Q2832-05	BP025467.D	18 Aug 2025 18:58	CG/JU	Ok,M
15	Q2832-07	BP025468.D	18 Aug 2025 19:39	CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081225

Review By	Jagrut	Review On	8/13/2025 11:12:27 AM		
Supervise By	Rahul	Supervise On	8/13/2025 3:44:43 PM		
SubDirectory	BF081225	HP Acquire Method	BNA_F	HP Processing Method	bf081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143342.D	12 Aug 2025 08:34		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143343.D	12 Aug 2025 09:03		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143344.D	12 Aug 2025 09:34		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF143345.D	12 Aug 2025 10:04		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF143346.D	12 Aug 2025 10:35		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF143347.D	12 Aug 2025 11:06	Compound #26,41,48,51,56,57,65,70,80,84, 85 Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF143348.D	12 Aug 2025 11:37	Compound #32,54 kept on QR	RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF143349.D	12 Aug 2025 12:07		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF143350.D	12 Aug 2025 12:38	Compound#09 removed from 80 ppm	RC/JU	Ok
10	SSTDICV040	ICVBF081225	BF143351.D	12 Aug 2025 13:52		RC/JU	Ok
11	PB169189BL	PB169189BL	BF143352.D	12 Aug 2025 14:22		RC/JU	Ok
12	PB169189BS	PB169189BS	BF143353.D	12 Aug 2025 14:53	Compound#44,51,59,62,74 failing high	RC/JU	Ok,M
13	Q2807-02	COMP-5	BF143354.D	12 Aug 2025 15:33		RC/JU	Ok,M
14	Q2807-01	COMP-4	BF143355.D	12 Aug 2025 16:02		RC/JU	Ok
15	Q2807-03	COMP-6	BF143356.D	12 Aug 2025 16:32		RC/JU	Ok,M
16	Q2807-03MS	COMP-6MS	BF143357.D	12 Aug 2025 17:02		RC/JU	Ok
17	Q2807-03MSD	COMP-6MSD	BF143358.D	12 Aug 2025 17:32		RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081225

Review By	Jagrut	Review On	8/13/2025 11:12:27 AM		
Supervise By	Rahul	Supervise On	8/13/2025 3:44:43 PM		
SubDirectory	BF081225	HP Acquire Method	BNA_F	HP Processing Method	bf081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2830-07	BIN0009-DRIVEWAY-T	BF143359.D	12 Aug 2025 18:02		RC/JU	Ok
19	Q2830-01	BIN0009-DRIVEWAY-T	BF143360.D	12 Aug 2025 18:32		RC/JU	Ok
20	Q2830-03	BIN0009-DRIVEWAY-T	BF143361.D	12 Aug 2025 19:02		RC/JU	Ok
21	Q2830-05	BIN0009-DRIVEWAY-T	BF143362.D	12 Aug 2025 19:32		RC/JU	Ok
22	Q2831-01	VNJ-238	BF143363.D	12 Aug 2025 20:02		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081325

Review By	Rahul	Review On	8/14/2025 10:13:42 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 12:47:02 PM		
SubDirectory	BF081325	HP Acquire Method	BNA_F	HP Processing Method	bf081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143364.D	13 Aug 2025 08:59		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143365.D	13 Aug 2025 10:00		RC/JU	Ok
3	PB169210BL	PB169210BL	BF143366.D	13 Aug 2025 10:30		RC/JU	Ok
4	Q2830-05MS	BIN0009-DRIVEWAY-T	BF143367.D	13 Aug 2025 11:12		RC/JU	Ok,M
5	Q2830-05MSD	BIN0009-DRIVEWAY-T	BF143368.D	13 Aug 2025 11:42		RC/JU	Ok,M
6	Q2808-04	TP-7	BF143369.D	13 Aug 2025 12:12		RC/JU	Ok
7	Q2808-04MS	TP-7MS	BF143370.D	13 Aug 2025 12:42		RC/JU	Ok,M
8	Q2808-04MSD	TP-7MSD	BF143371.D	13 Aug 2025 13:12		RC/JU	Ok,M
9	Q2827-04	TP-8	BF143372.D	13 Aug 2025 13:42		RC/JU	Ok
10	Q2827-08	TP-9	BF143373.D	13 Aug 2025 14:11		RC/JU	Ok,M
11	Q2831-03	VNJ-238	BF143374.D	13 Aug 2025 14:42		RC/JU	Ok,M
12	SSTDCCC040	SSTDCCC040EC	BF143375.D	13 Aug 2025 15:41		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

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

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

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

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

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

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

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

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081825

Review By	Rahul	Review On	8/19/2025 8:34:05 AM		
Supervise By	Jagrut	Supervise On	8/19/2025 8:39:20 AM		
SubDirectory	BP081825	HP Acquire Method	BNA_P	HP Processing Method	bp081425

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025454.D	18 Aug 2025 08:34		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025455.D	18 Aug 2025 10:39		CG/JU	Ok,M
3	PB169244BL	PB169244BL	BP025456.D	18 Aug 2025 11:20	End CCC missing.- Use for Non-DOD Projects.	CG/JU	Ok
4	Q2838-05	TP-10	BP025457.D	18 Aug 2025 12:06		CG/JU	Ok
5	Q2864-01	LAW-25-122-126	BP025458.D	18 Aug 2025 12:47		CG/JU	Ok
6	Q2838-01	TP-11	BP025459.D	18 Aug 2025 13:28		CG/JU	Ok
7	Q2864-03	LAW-25-113-121	BP025460.D	18 Aug 2025 14:09		CG/JU	Ok
8	Q2877-01	EO-02-08142025	BP025461.D	18 Aug 2025 14:50		CG/JU	Ok,M
9	Q2853-01	TR-05-081325	BP025462.D	18 Aug 2025 15:31		CG/JU	Ok
10	Q2883-01	RBR2520553	BP025463.D	18 Aug 2025 16:13		CG/JU	Ok,M
11	Q2857-03	72-12002	BP025464.D	18 Aug 2025 16:54		CG/JU	Ok,M
12	Q2876-01	CL-02-08142025	BP025465.D	18 Aug 2025 17:35		CG/JU	Ok
13	Q2826-01	WC1	BP025466.D	18 Aug 2025 18:17		CG/JU	Ok
14	Q2832-05	TG-S03	BP025467.D	18 Aug 2025 18:58		CG/JU	Ok,M
15	Q2832-07	TG-S04	BP025468.D	18 Aug 2025 19:39		CG/JU	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169210

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	08/12/2025
Matrix :	Solid			**Extraction Start Time :**	09:15
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	08/12/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	13:15
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2626
Baked Na2SO4	N/A	EP2632
Sand	N/A	E3951
Methylene Chloride	N/A	E3954
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vail Lot # 2210443.

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/12/25	RS (Ext-lab)	RC/SVOC
13:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169210

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 08/12/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169210BL	SBLK210	SVOC-TCL BNA -20	30.03	N/A	ritesh	RUPESH	1			U1-1
PB169210BS	SLCS210	SVOC-TCL BNA -20	30.02	N/A	ritesh	RUPESH	1			2
Q2818-01	B-2-5-1	SVOC-TCL BNA -20	30.04	N/A	ritesh	RUPESH	1	B		3
Q2818-02	B-3-5-2	SVOC-TCL BNA -20	30.09	N/A	ritesh	RUPESH	1	B		4
Q2820-01	82H-S	SVOC-TCL BNA -20	30.01	N/A	ritesh	RUPESH	1	E		5
Q2820-02	82H-W	SVOC-TCL BNA -20	30.05	N/A	ritesh	RUPESH	1	E		6
Q2820-03	82H-N	SVOC-TCL BNA -20	30.03	N/A	ritesh	RUPESH	1	E		U2-1
Q2820-04	SOIL-DUP-1	SVOC-TCL BNA -20	30.06	N/A	ritesh	RUPESH	1	E		2
Q2820-05	518R-E	SVOC-TCL BNA -20	30.09	N/A	ritesh	RUPESH	1	E		3
Q2820-06	518R-N	SVOC-TCL BNA -20	30.07	N/A	ritesh	RUPESH	1	E		4
Q2820-07	518R-S	SVOC-TCL BNA -20	30.04	N/A	ritesh	RUPESH	1	E		5
Q2820-08	518R-W	SVOC-TCL BNA -20	30.08	N/A	ritesh	RUPESH	1	E		6
Q2820-09	705R-S	SVOC-TCL BNA -20	30.02	N/A	ritesh	RUPESH	1	E		U3-1
Q2823-01	SU-04-081125	SVOC-TCL BNA -20	50.06	N/A	ritesh	RUPESH	1	E		2
Q2826-01	WC1	SVOCMS Group1	30.03	N/A	ritesh	RUPESH	1			3
Q2827-01	TP-8	SVOC-TCL BNA -20	50.05	N/A	ritesh	RUPESH	1	E		4
Q2827-05	TP-9	SVOC-TCL BNA -20	50.01	N/A	ritesh	RUPESH	1	E	Gasoline Smell	5
Q2830-01	BIN0009-DRIVEWAY-TP-SOUTH-EAST	SVOC-TCL BNA -20	50.04	N/A	ritesh	RUPESH	1	E		6
Q2830-03	BIN0009-DRIVEWAY-TP-WEST	SVOC-TCL BNA -20	50.09	N/A	ritesh	RUPESH	1	E		U6-1
Q2830-05	BIN0009-DRIVEWAY-TP-WESTSIDE	SVOC-TCL BNA -20	50.06	N/A	ritesh	RUPESH	1	E		2
Q2830-05MS	BIN0009-DRIVEWAY-TP-WESTSIDEMS	SVOC-TCL BNA -20	50.01	N/A	ritesh	RUPESH	1	E		3
Q2830-05MSD	BIN0009-DRIVEWAY-TP-WESTSIDEMSD	SVOC-TCL BNA -20	50.03	N/A	ritesh	RUPESH	1	E		4
Q2830-07	BIN0009-DRIVEWAY-TP-EASTSIDE	SVOC-TCL BNA -20	50.09	N/A	ritesh	RUPESH	1	E		5
Q2831-01	VNJ-238	SVOC-TCL BNA -20	50.07	N/A	ritesh	RUPESH	1	B		6

RS 8/12

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

169210
9:15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2826 **WorkList ID :** 191217 **Department :** Extraction **Date :** 08-12-2025 08:43:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2818-01	B-2-5-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	EARTH03		08/11/2025	8270E
Q2818-02	B-3-5-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	EARTH03		08/11/2025	8270E
Q2820-01	82H-S	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/06/2025	8270E
Q2820-02	82H-W	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/06/2025	8270E
Q2820-03	82H-N	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/06/2025	8270E
Q2820-04	SOIL-DUP-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/06/2025	8270E
Q2820-05	518R-E	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-06	518R-N	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-07	518R-S	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-08	518R-W	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-09	705R-S	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2823-01	SU-04-081125	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	08/11/2025	8270E
Q2826-01	WC1	Solid	SVOCMS Group1	Cool 4 deg C	GENV01	D31	08/11/2025	8270E
Q2827-01	TP-8	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2827-05	TP-9	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2830-01	BIN0009-DRIVEWAY-TP-SOUT	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2830-03	BIN0009-DRIVEWAY-TP-WEST	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2830-05	BIN0009-DRIVEWAY-TP-WEST	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2830-07	BIN0009-DRIVEWAY-TP-EAST	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2831-01	VNJ-238	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D21	08/11/2025	8270E

Date/Time 08/12/25 9:10
Raw Sample Received by: RJ (EXT-lab)
Raw Sample Relinquished by: CF

Date/Time 08/12/25 9:40
Raw Sample Received by: CF
Raw Sample Relinquished by: RJ (EXT-lab)

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

LAB CHRONICLE

OrderID:	Q2826	**OrderDate:**	8/11/2025 2:06:00 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	--Select--,D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2826-01	**WC1**	**SOIL**			**08/11/25**			**08/11/25**
			SVOCMS Group1	8270E		08/12/25	08/18/25	