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

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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LAB CHRONICLE

OrderID:	Q3741	**OrderDate:**	11/26/2025 4:57:55 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	Building 50 Probe Investigation
Contact:	Roland Scardino	**Location:**	--Select--,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3741-01	**B50-SP3-111925**	**SOIL**			**11/19/25**			**11/26/25**
			SVOC-TCL BNA	8270E		12/03/25	12/03/25	
Q3741-02	**B50-SP13-112025**	**SOIL**			**11/20/25**			**11/26/25**
			SVOC-TCL BNA	8270E		12/03/25	12/03/25	
Q3741-03	**B50-SP14-112025**	**SOIL**			**11/20/25**			**11/26/25**
			SVOC-TCL BNA	8270E		12/03/25	12/03/25	
Q3741-04	**B50-SP9-112425**	**SOIL**			**11/24/25**			**11/26/25**
			SVOC-TCL BNA	8270E		12/03/25	12/03/25	
Q3741-05	**B50-SP11-112525**	**SOIL**			**11/25/25**			**11/26/25**
			SVOC-TCL BNA	8270E		12/03/25	12/03/25	
Q3741-06	**B50-SP4-112525**	**SOIL**			**11/25/25**			**11/26/25**
			SVOC-TCL BNA	8270E		12/03/25	12/03/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**B50-SP3-111925**							
Q3741-01	B50-SP3-111925	SOIL	Phenanthrene	73.400	J	22.8	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Fluoranthene	120.000	J	32.7	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Pyrene	80.500	J	39.2	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Benzo(a)anthracene	110.000	J	25.1	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Chrysene	98.700	J	21.7	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Benzo(b)fluoranthene	220.000		20.7	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Benzo(k)fluoranthene	75.600	J	24.4	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Benzo(a)pyrene	210.000		32.2	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Indeno(1,2,3-cd)pyrene	92.300	J	31.7	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Benzo(g,h,i)perylene	110.000	J	28	190	ug/Kg
			Total Svoc :	**1,190.50**				
			Total Concentration:	**1,190.50**				
Client ID :	**B50-SP13-112025**							
Q3741-02	B50-SP13-112025	SOIL	Phenanthrene	340.000		24.1	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Fluoranthene	550.000		34.6	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Pyrene	360.000		41.5	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Benzo(a)anthracene	300.000		26.5	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Chrysene	290.000		23	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Benzo(b)fluoranthene	390.000		21.9	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Benzo(k)fluoranthene	160.000	J	25.8	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Benzo(a)pyrene	330.000		34	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Indeno(1,2,3-cd)pyrene	110.000	J	33.6	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Benzo(g,h,i)perylene	130.000	J	29.7	200	ug/Kg
			Total Svoc :	**2,960.00**				
			Total Concentration:	**2,960.00**				
Client ID :	**B50-SP14-112025**							
Q3741-03	B50-SP14-112025	SOIL	Naphthalene	150.000	J	25.9	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	2-Methylnaphthalene	95.800	J	29.3	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Acenaphthylene	100.000	J	33	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Acenaphthene	120.000	J	24.3	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Dibenzofuran	120.000	J	25.9	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Fluorene	120.000	J	28.9	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Phenanthrene	1,300.000		23.9	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Anthracene	370.000		38.1	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Carbazole	170.000	J	35.7	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Fluoranthene	1,600.000		34.3	190	ug/Kg

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3741-03	B50-SP14-112025	SOIL	Pyrene	1,400.000		41.1	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Benzo(a)anthracene	1,300.000		26.3	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Chrysene	1,300.000		22.7	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Bis(2-ethylhexyl)phthalate	110.000	J	67.7	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Benzo(b)fluoranthene	1,700.000		21.7	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Benzo(k)fluoranthene	620.000		25.6	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Benzo(a)pyrene	1,600.000		33.7	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Indeno(1,2,3-cd)pyrene	670.000		33.3	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Dibenzo(a,h)anthracene	240.000		31.3	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Benzo(g,h,i)perylene	790.000		29.4	190	ug/Kg
			Total Svoc :	**13,875.80**				
			Total Concentration:	**13,875.80**				
Client ID :	**B50-SP9-112425**							
Q3741-04	B50-SP9-112425	SOIL	Phenanthrene	250.000		24.5	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Fluoranthene	400.000		35.2	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Pyrene	280.000		42.2	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Benzo(a)anthracene	290.000		27	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Chrysene	260.000		23.3	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Benzo(b)fluoranthene	480.000		22.3	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Benzo(k)fluoranthene	150.000	J	26.3	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Benzo(a)pyrene	420.000		34.6	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Indeno(1,2,3-cd)pyrene	170.000	J	34.1	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Benzo(g,h,i)perylene	220.000		30.1	200	ug/Kg
			Total Svoc :	**2,920.00**				
			Total Concentration:	**2,920.00**				
Client ID :	**B50-SP11-112525**							
Q3741-05	B50-SP11-112525	SOIL	Naphthalene	310.000		26.8	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	2-Methylnaphthalene	340.000		30.2	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Phenanthrene	310.000		24.7	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Fluoranthene	320.000		35.4	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Pyrene	290.000		42.5	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzo(a)anthracene	140.000	J	27.1	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Chrysene	180.000	J	23.5	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzo(b)fluoranthene	180.000	J	22.4	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzo(a)pyrene	140.000	J	34.8	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Indeno(1,2,3-cd)pyrene	78.700	J	34.3	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzo(g,h,i)perylene	100.000	J	30.3	200	ug/Kg
			Total Svoc :	**2,388.70**				
			Total Concentration:	**2,388.70**				

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Hit Summary Sheet
SW-846

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**B50-SP4-112525**							
Q3741-06	B50-SP4-112525	SOIL	Phenanthrene	420.000		24.3	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Fluoranthene	420.000		34.8	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Pyrene	420.000		41.8	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Benzo(a)anthracene	250.000		26.7	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Chrysene	270.000		23.1	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Benzo(b)fluoranthene	310.000		22.1	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Benzo(k)fluoranthene	120.000	J	26	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Benzo(a)pyrene	280.000		34.3	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Indeno(1,2,3-cd)pyrene	140.000	J	33.8	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Benzo(g,h,i)perylene	170.000	J	29.8	200	ug/Kg
			Total Svoc :	**2,800.00**				
			Total Concentration:	**2,800.00**				

QC SUMMARY

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

SW-846

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170797BL	PB170797BL	2-Fluorophenol	150	131	87		10	105
		Phenol-d6	150	121	80		10	103
		Nitrobenzene-d5	100	86.9	87		10	108
		2-Fluorobiphenyl	100	93.0	93		10	108
		2,4,6-Tribromophenol	150	132	88		10	116
		Terphenyl-d14	100	96.9	97		10	109
PB170797BS	PB170797BS	2-Fluorophenol	150	116	78		10	105
		Phenol-d6	150	111	74		10	103
		Nitrobenzene-d5	100	75.9	76		10	108
		2-Fluorobiphenyl	100	84.9	85		10	108
		2,4,6-Tribromophenol	150	116	77		10	116
		Terphenyl-d14	100	79.1	79		10	109
Q3741-01	B50-SP3-111925	2-Fluorophenol	150	39.3	26		10	105
		Phenol-d6	150	38.5	26		10	103
		Nitrobenzene-d5	100	28.2	28		10	108
		2-Fluorobiphenyl	100	31.0	31		10	108
		2,4,6-Tribromophenol	150	34.2	23		10	116
		Terphenyl-d14	100	22.5	22		10	109
Q3741-02	B50-SP13-112025	2-Fluorophenol	150	36.2	24		10	105
		Phenol-d6	150	36.4	24		10	103
		Nitrobenzene-d5	100	25.9	26		10	108
		2-Fluorobiphenyl	100	26.8	27		10	108
		2,4,6-Tribromophenol	150	32.1	21		10	116
		Terphenyl-d14	100	20.6	21		10	109
Q3741-03	B50-SP14-112025	2-Fluorophenol	150	52.4	35		10	105
		Phenol-d6	150	70.7	47		10	103
		Nitrobenzene-d5	100	48.7	49		10	108
		2-Fluorobiphenyl	100	51.4	51		10	108
		2,4,6-Tribromophenol	150	31.9	21		10	116
		Terphenyl-d14	100	44.4	44		10	109
Q3741-04	B50-SP9-112425	2-Fluorophenol	150	57.5	38		10	105
		Phenol-d6	150	88.9	59		10	103
		Nitrobenzene-d5	100	64.2	64		10	108
		2-Fluorobiphenyl	100	68.4	68		10	108
		2,4,6-Tribromophenol	150	36.4	24		10	116
		Terphenyl-d14	100	49.2	49		10	109
Q3741-05	B50-SP11-112525	2-Fluorophenol	150	29.7	20		10	105
		Phenol-d6	150	45.7	30		10	103
		Nitrobenzene-d5	100	48.2	48		10	108
		2-Fluorobiphenyl	100	52.2	52		10	108
		2,4,6-Tribromophenol	150	23.7	16		10	116
		Terphenyl-d14	100	49.4	49		10	109
Q3741-06	B50-SP4-112525	2-Fluorophenol	150	56.6	38		10	105
		Phenol-d6	150	76.5	51		10	103
		Nitrobenzene-d5	100	53.6	54		10	108
		2-Fluorobiphenyl	100	59.0	59		10	108
		2,4,6-Tribromophenol	150	41.5	28		10	116
		Terphenyl-d14	100	53.5	54		10	109
Q3741-06MS	B50-SP4-112525MS	2-Fluorophenol	150	59.1	39		10	105
		Phenol-d6	150	79.0	53		10	103
		Nitrobenzene-d5	100	56.4	56		10	108

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Surrogate Summary

SW-846

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3741-06MS	B50-SP4-112525MS	2-Fluorobiphenyl	100	60.6	61		10	108
		2,4,6-Tribromophenol	150	50.8	34		10	116
		Terphenyl-d14	100	63.6	64		10	109
Q3741-06MSD	B50-SP4-112525MSD	2-Fluorophenol	150	55.1	37		10	105
		Phenol-d6	150	72.3	48		10	103
		Nitrobenzene-d5	100	53.8	54		10	108
		2-Fluorobiphenyl	100	58.6	59		10	108
		2,4,6-Tribromophenol	150	48.5	32		10	116
		Terphenyl-d14	100	57.3	57		10	109

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3741 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BP026236.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3741-06MS		**Client Sample ID: B50-SP4-112525MS**									
Benzaldehyde	1900	0	2100	ug/Kg	111				20	111	
Phenol	1900	0	1700	ug/Kg	89				51	122	
bis(2-Chloroethyl)ether	1900	0	1700	ug/Kg	89				67	110	
2-Chlorophenol	1900	0	1800	ug/Kg	95				67	119	
2-Methylphenol	1900	0	1700	ug/Kg	89				68	116	
2,2-oxybis(1-Chloropropane)	1900	0	1600	ug/Kg	84				59	113	
Acetophenone	1900	0	1700	ug/Kg	89				55	128	
3+4-Methylphenols	1900	0	1700	ug/Kg	89				70	111	
N-Nitroso-di-n-propylamine	1900	0	1600	ug/Kg	84				59	119	
Hexachloroethane	1900	0	1700	ug/Kg	89				65	115	
Nitrobenzene	1900	0	1700	ug/Kg	89				66	120	
Isophorone	1900	0	1600	ug/Kg	84				67	113	
2-Nitrophenol	1900	0	1800	ug/Kg	95				69	135	
2,4-Dimethylphenol	1900	0	1700	ug/Kg	89				63	151	
bis(2-Chloroethoxy)methane	1900	0	1600	ug/Kg	84				70	112	
2,4-Dichlorophenol	1900	0	1800	ug/Kg	95				70	121	
Naphthalene	1900	0	1700	ug/Kg	89				66	113	
4-Chloroaniline	1900	0	370	ug/Kg	19				10	100	
Hexachlorobutadiene	1900	0	1800	ug/Kg	95				67	118	
Caprolactam	1900	0	1400	ug/Kg	74				51	134	
4-Chloro-3-methylphenol	1900	0	1700	ug/Kg	89				71	118	
2-Methylnaphthalene	1900	0	1600	ug/Kg	84				59	123	
Hexachlorocyclopentadiene	3900	0	3200	ug/Kg	82				16	175	
2,4,6-Trichlorophenol	1900	0	1900	ug/Kg	100				67	128	
2,4,5-Trichlorophenol	1900	0	1800	ug/Kg	95				69	123	
1,1-Biphenyl	1900	0	1800	ug/Kg	95				69	126	
2-Chloronaphthalene	1900	0	1800	ug/Kg	95				71	113	
2-Nitroaniline	1900	0	1700	ug/Kg	89				73	125	
Dimethylphthalate	1900	0	1700	ug/Kg	89				72	116	
Acenaphthylene	1900	0	1800	ug/Kg	95				69	128	
2,6-Dinitrotoluene	1900	0	1900	ug/Kg	100				67	141	
3-Nitroaniline	1900	0	540	ug/Kg	28				28	102	
Acenaphthene	1900	0	1700	ug/Kg	89				70	121	
2,4-Dinitrophenol	3900	0	2800	ug/Kg	72				10	164	
4-Nitrophenol	3900	0	2800	ug/Kg	72				49	133	
Dibenzofuran	1900	0	1800	ug/Kg	95				71	111	
2,4-Dinitrotoluene	1900	0	1700	ug/Kg	89				73	130	
Diethylphthalate	1900	0	1700	ug/Kg	89				73	116	
4-Chlorophenyl-phenylether	1900	0	1700	ug/Kg	89				72	112	
Fluorene	1900	0	1700	ug/Kg	89				67	114	
4-Nitroaniline	1900	0	1200	ug/Kg	63				61	128	
4,6-Dinitro-2-methylphenol	1900	0	1600	ug/Kg	84				25	163	
N-Nitrosodiphenylamine	1900	0	1900	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	1900	0	2000	ug/Kg	105				65	121	
Hexachlorobenzene	1900	0	2000	ug/Kg	105				67	118	
Atrazine	1900	0	1800	ug/Kg	95				79	127	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3741 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BP026236.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3900	0	3600	ug/Kg	92				39	145	
Phenanthrene	1900	420	2200	ug/Kg	94				52	128	
Anthracene	1900	0	1900	ug/Kg	100				62	124	
Carbazole	1900	0	1700	ug/Kg	89				73	115	
Di-n-butylphthalate	1900	0	1800	ug/Kg	95				72	129	
Fluoranthene	1900	420	2100	ug/Kg	88				31	152	
Pyrene	1900	420	2300	ug/Kg	99				37	122	
Butylbenzylphthalate	1900	0	1900	ug/Kg	100				59	151	
3,3-Dichlorobenzidine	1900	0	690	ug/Kg	36				10	116	
Benzo(a)anthracene	1900	250	2000	ug/Kg	92				53	119	
Chrysene	1900	270	2100	ug/Kg	96				57	121	
bis(2-Ethylhexyl)phthalate	1900	0	1800	ug/Kg	95				64	139	
Di-n-octyl phthalate	1900	0	1700	ug/Kg	89				51	156	
Benzo(b)fluoranthene	1900	310	2100	ug/Kg	94				52	117	
Benzo(k)fluoranthene	1900	120	2000	ug/Kg	99				57	134	
Benzo(a)pyrene	1900	280	2100	ug/Kg	96				70	142	
Indeno(1,2,3-cd)pyrene	1900	140	2000	ug/Kg	98				48	129	
Dibenz(a,h)anthracene	1900	0	1900	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1900	170	2000	ug/Kg	96				40	133	
1,2,4,5-Tetrachlorobenzene	1900	0	1900	ug/Kg	100				65	132	
2,3,4,6-Tetrachlorophenol	1900	0	1800	ug/Kg	95				56	141	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3741 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BP026237.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q3741-06MSD		**Client Sample ID: B50-SP4-112525MSD**									
Benzaldehyde	1900	0	2000	ug/Kg	105		6		20	111	20
Phenol	1900	0	1600	ug/Kg	84		6		51	122	20
bis(2-Chloroethyl)ether	1900	0	1600	ug/Kg	84		6		67	110	20
2-Chlorophenol	1900	0	1600	ug/Kg	84		12		67	119	20
2-Methylphenol	1900	0	1600	ug/Kg	84		6		68	116	20
2,2-oxybis(1-Chloropropane)	1900	0	1500	ug/Kg	79		6		59	113	20
Acetophenone	1900	0	1600	ug/Kg	84		6		55	128	20
3+4-Methylphenols	1900	0	1500	ug/Kg	79		12		70	111	20
N-Nitroso-di-n-propylamine	1900	0	1500	ug/Kg	79		6		59	119	20
Hexachloroethane	1900	0	1700	ug/Kg	89		0		65	115	20
Nitrobenzene	1900	0	1600	ug/Kg	84		6		66	120	20
Isophorone	1900	0	1500	ug/Kg	79		6		67	113	20
2-Nitrophenol	1900	0	1700	ug/Kg	89		7		69	135	16
2,4-Dimethylphenol	1900	0	1600	ug/Kg	84		6		63	151	20
bis(2-Chloroethoxy)methane	1900	0	1600	ug/Kg	84		0		70	112	20
2,4-Dichlorophenol	1900	0	1600	ug/Kg	84		12		70	121	20
Naphthalene	1900	0	1600	ug/Kg	84		6		66	113	20
4-Chloroaniline	1900	0	360	ug/Kg	19		0		10	100	25
Hexachlorobutadiene	1900	0	1800	ug/Kg	95		0		67	118	16
Caprolactam	1900	0	1300	ug/Kg	68		8		51	134	25
4-Chloro-3-methylphenol	1900	0	1500	ug/Kg	79		12		71	118	20
2-Methylnaphthalene	1900	0	1500	ug/Kg	79		6		59	123	20
Hexachlorocyclopentadiene	3900	0	3400	ug/Kg	87		6		16	175	20
2,4,6-Trichlorophenol	1900	0	1800	ug/Kg	95		5		67	128	16
2,4,5-Trichlorophenol	1900	0	1800	ug/Kg	95		0		69	123	16
1,1-Biphenyl	1900	0	1800	ug/Kg	95		0		69	126	20
2-Chloronaphthalene	1900	0	1700	ug/Kg	89		7		71	113	20
2-Nitroaniline	1900	0	1600	ug/Kg	84		6		73	125	16
Dimethylphthalate	1900	0	1700	ug/Kg	89		0		72	116	20
Acenaphthylene	1900	0	1800	ug/Kg	95		0		69	128	15
2,6-Dinitrotoluene	1900	0	1800	ug/Kg	95		5		67	141	20
3-Nitroaniline	1900	0	570	ug/Kg	30		7		28	102	20
Acenaphthene	1900	0	1700	ug/Kg	89		0		70	121	16
2,4-Dinitrophenol	3900	0	3000	ug/Kg	77		7		10	164	30
4-Nitrophenol	3900	0	2700	ug/Kg	69		4		49	133	20
Dibenzofuran	1900	0	1700	ug/Kg	89		7		71	111	20
2,4-Dinitrotoluene	1900	0	1600	ug/Kg	84		6		73	130	20
Diethylphthalate	1900	0	1600	ug/Kg	84		6		73	116	20
4-Chlorophenyl-phenylether	1900	0	1700	ug/Kg	89		0		72	112	20
Fluorene	1900	0	1700	ug/Kg	89		0		67	114	20
4-Nitroaniline	1900	0	1100	ug/Kg	58	*	8		61	128	20
4,6-Dinitro-2-methylphenol	1900	0	1700	ug/Kg	89		6		25	163	30
N-Nitrosodiphenylamine	1900	0	1800	ug/Kg	95		5		73	118	20
4-Bromophenyl-phenylether	1900	0	1900	ug/Kg	100		5		65	121	20
Hexachlorobenzene	1900	0	1900	ug/Kg	100		5		67	118	20
Atrazine	1900	0	1700	ug/Kg	89		7		79	127	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3741 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BP026237.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3900	0	3500	ug/Kg	90		2		39	145	20
Phenanthrene	1900	420	2100	ug/Kg	88		7		52	128	20
Anthracene	1900	0	1800	ug/Kg	95		5		62	124	20
Carbazole	1900	0	1700	ug/Kg	89		0		73	115	20
Di-n-butylphthalate	1900	0	1700	ug/Kg	89		7		72	129	20
Fluoranthene	1900	420	2100	ug/Kg	88		0		31	152	20
Pyrene	1900	420	2100	ug/Kg	88		12		37	122	27
Butylbenzylphthalate	1900	0	1700	ug/Kg	89		12		59	151	20
3,3-Dichlorobenzidine	1900	0	630	ug/Kg	33		9		10	116	20
Benzo(a)anthracene	1900	250	1900	ug/Kg	87		6		53	119	20
Chrysene	1900	270	1900	ug/Kg	86		11		57	121	20
bis(2-Ethylhexyl)phthalate	1900	0	1700	ug/Kg	89		7		64	139	20
Di-n-octyl phthalate	1900	0	1700	ug/Kg	89		0		51	156	20
Benzo(b)fluoranthene	1900	310	2000	ug/Kg	89		5		52	117	20
Benzo(k)fluoranthene	1900	120	1800	ug/Kg	88		12		57	134	20
Benzo(a)pyrene	1900	280	2000	ug/Kg	91		5		70	142	20
Indeno(1,2,3-cd)pyrene	1900	140	1900	ug/Kg	93		5		48	129	20
Dibenz(a,h)anthracene	1900	0	1800	ug/Kg	95		5		43	123	20
Benzo(g,h,i)perylene	1900	170	2000	ug/Kg	96		0		40	133	20
1,2,4,5-Tetrachlorobenzene	1900	0	1900	ug/Kg	100		0		65	132	20
2,3,4,6-Tetrachlorophenol	1900	0	1700	ug/Kg	89		7		56	141	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3741 **Analytical Method:** 8270E

Client: Core Environmental Consultants and Services, Inc. **DataFile:** BP026226.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170797BS	Benzaldehyde	1700	970	ug/Kg	57				10	133	
	Phenol	1700	1300	ug/Kg	76				62	112	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101	
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112	
	2-Methylphenol	1700	1300	ug/Kg	76				74	105	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1300	ug/Kg	76				58	111	
	N-Nitroso-di-n-propylamine	1700	1200	ug/Kg	71				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				75	100	
	Isophorone	1700	1300	ug/Kg	76				59	99	
	2-Nitrophenol	1700	1400	ug/Kg	82				75	113	
	2,4-Dimethylphenol	1700	1300	ug/Kg	76				61	130	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				66	97	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	Naphthalene	1700	1300	ug/Kg	76				62	100	
	4-Chloroaniline	1700	700	ug/Kg	41				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				68	108	
	Caprolactam	1700	1100	ug/Kg	65		*		67	110	
	4-Chloro-3-methylphenol	1700	1300	ug/Kg	76				74	106	
	2-Methylnaphthalene	1700	1200	ug/Kg	71				60	104	
	Hexachlorocyclopentadiene	3300	2600	ug/Kg	79				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				74	110	
	1,1-Biphenyl	1700	1600	ug/Kg	94				71	110	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				70	103	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1300	ug/Kg	76				76	101	
	Acenaphthylene	1700	1400	ug/Kg	82				76	111	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				78	116	
	3-Nitroaniline	1700	970	ug/Kg	57				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				73	105	
	2,4-Dinitrophenol	3300	2700	ug/Kg	82				59	137	
	4-Nitrophenol	3300	2200	ug/Kg	67				60	124	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1300	ug/Kg	76		*		78	115	
	Diethylphthalate	1700	1300	ug/Kg	76				76	104	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				73	101	
	Fluorene	1700	1400	ug/Kg	82				75	99	
	4-Nitroaniline	1700	1100	ug/Kg	65				64	103	
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3741 **Analytical Method:** 8270E

Client: Core Environmental Consultants and Services, Inc. **DataFile:** BP026226.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170797BS	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1400	ug/Kg	82				71	122	
	Pentachlorophenol	3300	2900	ug/Kg	88				56	129	
	Phenanthrene	1700	1400	ug/Kg	82				75	100	
	Anthracene	1700	1400	ug/Kg	82				75	103	
	Carbazole	1700	1400	ug/Kg	82				76	103	
	Di-n-butylphthalate	1700	1400	ug/Kg	82				76	110	
	Fluoranthene	1700	1400	ug/Kg	82				73	105	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1400	ug/Kg	82				75	120	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				31	94	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				75	104	
	Chrysene	1700	1400	ug/Kg	82				75	103	
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				77	113	
	Di-n-octyl phthalate	1700	1400	ug/Kg	82				76	110	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				75	108	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				79	109	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1700	ug/Kg	100				53	101	
	2,3,4,6-Tetrachlorophenol	1700	1400	ug/Kg	82				71	118	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170797BL

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q3741

Lab File ID: BP026225.D | Lab Sample ID: PB170797BL

Instrument ID: BNA_P | Date Extracted: 12/03/2025

Matrix: (soil/water) SOIL | Date Analyzed: 12/03/2025

Level: (low/med) LOW | Time Analyzed: 13:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170797BS	PB170797BS	BP026226.D	12/03/2025
B50-SP11-112525	Q3741-05	BP026227.D	12/03/2025
B50-SP4-112525	Q3741-06	BP026235.D	12/03/2025
B50-SP4-112525MS	Q3741-06MS	BP026236.D	12/03/2025
B50-SP4-112525MSD	Q3741-06MSD	BP026237.D	12/03/2025
B50-SP3-111925	Q3741-01	BF144419.D	12/03/2025
B50-SP13-112025	Q3741-02	BF144420.D	12/03/2025
B50-SP14-112025	Q3741-03	BF144417.D	12/03/2025
B50-SP9-112425	Q3741-04	BF144421.D	12/03/2025

COMMENTS:

Raw Data: **BF144168.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3741

Lab File ID: BF144168.D DFTPP Injection Date: 11/05/2025

Instrument ID: BNA_F DFTPP Injection Time: 12:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	24.5
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF144169.D	11/05/2025	12:50
SSTDICC005	SSTDICC005	BF144170.D	11/05/2025	13:20
SSTDICC010	SSTDICC010	BF144171.D	11/05/2025	13:50
SSTDICC020	SSTDICC020	BF144172.D	11/05/2025	14:20
SSTDICCC040	SSTDICCC040	BF144173.D	11/05/2025	14:50
SSTDICC050	SSTDICC050	BF144174.D	11/05/2025	15:49
SSTDICC060	SSTDICC060	BF144175.D	11/05/2025	16:19
SSTDICC080	SSTDICC080	BF144176.D	11/05/2025	16:49

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: CORE02

Lab Code: ACE — SDG NO.: Q3741

Lab File ID: BF144414.D — DFTPP Injection Date: 12/03/2025

Instrument ID: BNA_F — DFTPP Injection Time: 11:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.7) 1
69	Mass 69 relative abundance	16.6
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	3.8
365	Greater than 1% of mass 198	2.5
441	Present, but less than mass 443	15.7
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
SSTDCCC040	SSTDCCC040	BF144415.D	12/03/2025	12:25
B50-SP14-112025	Q3741-03	BF144417.D	12/03/2025	14:08
B50-SP3-111925	Q3741-01	BF144419.D	12/03/2025	15:07
B50-SP13-112025	Q3741-02	BF144420.D	12/03/2025	15:36
B50-SP9-112425	Q3741-04	BF144421.D	12/03/2025	16:06

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: CORE02

Lab Code: ACE — SDG NO.: Q3741

Lab File ID: BP026142.D — DFTPP Injection Date: 11/18/2025

Instrument ID: BNA_P — DFTPP Injection Time: 13:45

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

1-Value is % mass 69

2-Value is % mass 442

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

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

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: CORE02

Lab Code: ACE — SDG NO.: Q3741

Lab File ID: BP026223.D — DFTPP Injection Date: 12/03/2025

Instrument ID: BNA_P — DFTPP Injection Time: 12:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	29.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	87
443	15.0 - 24.0% of mass 442	16.7 (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
SSTDCCC040	SSTDCCC040	BP026224.D	12/03/2025	12:53
PB170797BL	PB170797BL	BP026225.D	12/03/2025	13:34
PB170797BS	PB170797BS	BP026226.D	12/03/2025	14:15
B50-SP11-112525	Q3741-05	BP026227.D	12/03/2025	14:56
B50-SP4-112525	Q3741-06	BP026235.D	12/03/2025	20:24
B50-SP4-112525MS	Q3741-06MS	BP026236.D	12/03/2025	21:05
B50-SP4-112525MSD	Q3741-06MSD	BP026237.D	12/03/2025	21:46

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3741

Client ID : SSTDCCC040 Date Analyzed: 12/03/2025

Lab File ID: BF144415.D Time Analyzed: 12:25

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	58261	6.863	220069	8.15	120401	9.90
	UPPER LIMIT	116522	7.363	440138	8.645	240802	10.404
	LOWER LIMIT	29130.5	6.363	110035	7.645	60200.5	9.404
	EPA SAMPLE NO.						
01	B50-SP14-112025	52469	6.86	193698	8.14	103555	9.90
02	B50-SP3-111925	81142	6.86	286107	8.15	142110	9.90
03	B50-SP13-112025	88360	6.86	321604	8.15	169125	9.90
04	B50-SP9-112425	45091	6.86	171081	8.15	84880	9.90

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.: Q3741

Client ID: SSTDCCC040 Date Analyzed: 12/03/2025

Lab File ID: BF144415.D Time Analyzed: 12:25

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	192871	11.392	142815	14.045	191200	15.527
	UPPER LIMIT	385742	11.892	285630	14.545	382400	16.027
	LOWER LIMIT	96435.5	10.892	71407.5	13.545	95600	15.027
	EPA SAMPLE NO.						
01	B50-SP14-112025	160944	11.39	122787	14.05	158132	15.53
02	B50-SP3-111925	237809	11.39	247413	14.05	282719	15.53
03	B50-SP13-112025	275703	11.39	255767	14.05	296885	15.53
04	B50-SP9-112425	134914	11.39	128244	14.05	147094	15.53

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.: Q3741

Client ID : SSTDCCC040 Date Analyzed: 12/03/2025

Lab File ID: BP026224.D Time Analyzed: 12:53

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	366422	7.66	1506570	10.42	920814	14.28
	UPPER LIMIT	732844	8.16	3013140	10.919	1841630	14.778
	LOWER LIMIT	183211	7.16	753285	9.919	460407	13.778
	EPA SAMPLE NO.						
01	PB170797BL	285794	7.66	1072100	10.42	645861	14.29
02	PB170797BS	297525	7.66	1147080	10.42	649211	14.29
03	B50-SP11-112525	319635	7.66	1223620	10.42	711475	14.29
04	B50-SP4-112525	316661	7.66	1283090	10.43	788396	14.28
05	B50-SP4-112525MS	313434	7.66	1249990	10.43	745833	14.28
06	B50-SP4-112525MSD	295680	7.66	1135350	10.42	627837	14.28

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.: Q3741

Client ID: SSTDCCC040 Date Analyzed: 12/03/2025

Lab File ID: BP026224.D Time Analyzed: 12:53

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	1659590	17.084	1437930	21.542	1741660	24.836
	UPPER LIMIT	3319180	17.584	2875860	22.042	3483320	25.336
	LOWER LIMIT	829795	16.584	718965	21.042	870830	24.336
	EPA SAMPLE NO.						
01	PB170797BL	1175120	17.09	1097050	21.54	1301680	24.83
02	PB170797BS	1165560	17.10	1286130	21.55	1348430	24.84
03	B50-SP11-112525	1217450	17.10	1263320	21.53	1598660	24.83
04	B50-SP4-112525	1231670	17.09	1204290	21.53	1573380	24.82
05	B50-SP4-112525MS	1318460	17.08	1246070	21.53	1484000	24.82
06	B50-SP4-112525MSD	1150580	17.08	1237510	21.54	1496010	24.83

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.

SAMPLE DATA

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/19/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP3-111925	SDG No.:	Q3741
Lab Sample ID:	Q3741-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	91.6
Sample Wt/Vol:	30.04 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541 Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	170	U	1	170	360	ug/Kg	12/03/25 15:07	PB170797
108-95-2	Phenol	24.1	U	1	24.1	190	ug/Kg	12/03/25 15:07	PB170797
111-44-4	bis(2-Chloroethyl)ether	26.5	U	1	26.5	190	ug/Kg	12/03/25 15:07	PB170797
95-57-8	2-Chlorophenol	26.6	U	1	26.6	190	ug/Kg	12/03/25 15:07	PB170797
95-48-7	2-Methylphenol	32.6	U	1	32.6	190	ug/Kg	12/03/25 15:07	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	40.9	U	1	40.9	190	ug/Kg	12/03/25 15:07	PB170797
98-86-2	Acetophenone	32.2	U	1	32.2	190	ug/Kg	12/03/25 15:07	PB170797
65794-96-9	3+4-Methylphenols	44.8	U	1	44.8	360	ug/Kg	12/03/25 15:07	PB170797
621-64-7	n-Nitroso-di-n-propylamine	51.7	U	1	51.7	87.2	ug/Kg	12/03/25 15:07	PB170797
67-72-1	Hexachloroethane	19.2	U	1	19.2	190	ug/Kg	12/03/25 15:07	PB170797
98-95-3	Nitrobenzene	20.0	U	1	20.0	190	ug/Kg	12/03/25 15:07	PB170797
78-59-1	Isophorone	35.8	U	1	35.8	190	ug/Kg	12/03/25 15:07	PB170797
88-75-5	2-Nitrophenol	63.5	U	1	63.5	190	ug/Kg	12/03/25 15:07	PB170797
105-67-9	2,4-Dimethylphenol	70.6	U	1	70.6	190	ug/Kg	12/03/25 15:07	PB170797
111-91-1	bis(2-Chloroethoxy)methane	33.6	U	1	33.6	190	ug/Kg	12/03/25 15:07	PB170797
120-83-2	2,4-Dichlorophenol	30.9	U	1	30.9	190	ug/Kg	12/03/25 15:07	PB170797
91-20-3	Naphthalene	24.7	U	1	24.7	190	ug/Kg	12/03/25 15:07	PB170797
106-47-8	4-Chloroaniline	38.6	U	1	38.6	190	ug/Kg	12/03/25 15:07	PB170797
87-68-3	Hexachlorobutadiene	27.6	U	1	27.6	190	ug/Kg	12/03/25 15:07	PB170797
105-60-2	Caprolactam	56.8	UQ	1	56.8	360	ug/Kg	12/03/25 15:07	PB170797
59-50-7	4-Chloro-3-methylphenol	31.3	U	1	31.3	190	ug/Kg	12/03/25 15:07	PB170797
91-57-6	2-Methylnaphthalene	27.9	U	1	27.9	190	ug/Kg	12/03/25 15:07	PB170797
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	360	ug/Kg	12/03/25 15:07	PB170797
88-06-2	2,4,6-Trichlorophenol	21.6	U	1	21.6	190	ug/Kg	12/03/25 15:07	PB170797
95-95-4	2,4,5-Trichlorophenol	31.7	U	1	31.7	190	ug/Kg	12/03/25 15:07	PB170797
92-52-4	1,1-Biphenyl	23.8	U	1	23.8	190	ug/Kg	12/03/25 15:07	PB170797
91-58-7	2-Chloronaphthalene	24.5	U	1	24.5	190	ug/Kg	12/03/25 15:07	PB170797
88-74-4	2-Nitroaniline	52.4	U	1	52.4	190	ug/Kg	12/03/25 15:07	PB170797
131-11-3	Dimethylphthalate	29.5	U	1	29.5	190	ug/Kg	12/03/25 15:07	PB170797
208-96-8	Acenaphthylene	31.5	U	1	31.5	190	ug/Kg	12/03/25 15:07	PB170797
606-20-2	2,6-Dinitrotoluene	36.6	U	1	36.6	190	ug/Kg	12/03/25 15:07	PB170797
99-09-2	3-Nitroaniline	50.2	U	1	50.2	190	ug/Kg	12/03/25 15:07	PB170797
83-32-9	Acenaphthene	23.2	U	1	23.2	190	ug/Kg	12/03/25 15:07	PB170797
51-28-5	2,4-Dinitrophenol	250	U	1	250	360	ug/Kg	12/03/25 15:07	PB170797
100-02-7	4-Nitrophenol	120	U	1	120	360	ug/Kg	12/03/25 15:07	PB170797
132-64-9	Dibenzofuran	24.7	U	1	24.7	190	ug/Kg	12/03/25 15:07	PB170797
121-14-2	2,4-Dinitrotoluene	54.6	UQ	1	54.6	190	ug/Kg	12/03/25 15:07	PB170797
84-66-2	Diethylphthalate	30.9	U	1	30.9	190	ug/Kg	12/03/25 15:07	PB170797
7005-72-3	4-Chlorophenyl-phenylether	29.1	U	1	29.1	190	ug/Kg	12/03/25 15:07	PB170797
86-73-7	Fluorene	27.6	U	1	27.6	190	ug/Kg	12/03/25 15:07	PB170797
100-01-6	4-Nitroaniline	70.0	U	1	70.0	190	ug/Kg	12/03/25 15:07	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1	110	360	ug/Kg	12/03/25 15:07	PB170797

Raw Data: **BF144419.D**

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

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/19/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP3-111925	SDG No.:	Q3741
Lab Sample ID:	Q3741-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	91.6
Sample Wt/Vol:	30.04 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541 Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	35.9	U	1	35.9	190	ug/Kg	12/03/25 15:07	PB170797
101-55-3	4-Bromophenyl-phenylether	30.3	U	1	30.3	190	ug/Kg	12/03/25 15:07	PB170797
118-74-1	Hexachlorobenzene	27.6	U	1	27.6	190	ug/Kg	12/03/25 15:07	PB170797
1912-24-9	Atrazine	37.1	U	1	37.1	190	ug/Kg	12/03/25 15:07	PB170797
87-86-5	Pentachlorophenol	55.9	U	1	55.9	360	ug/Kg	12/03/25 15:07	PB170797
85-01-8	Phenanthrene	73.4	J	1	22.8	190	ug/Kg	12/03/25 15:07	PB170797
120-12-7	Anthracene	36.3	U	1	36.3	190	ug/Kg	12/03/25 15:07	PB170797
86-74-8	Carbazole	34.0	U	1	34.0	190	ug/Kg	12/03/25 15:07	PB170797
84-74-2	Di-n-butylphthalate	52.2	U	1	52.2	190	ug/Kg	12/03/25 15:07	PB170797
206-44-0	Fluoranthene	120	J	1	32.7	190	ug/Kg	12/03/25 15:07	PB170797
129-00-0	Pyrene	80.5	J	1	39.2	190	ug/Kg	12/03/25 15:07	PB170797
85-68-7	Butylbenzylphthalate	77.8	U	1	77.8	190	ug/Kg	12/03/25 15:07	PB170797
91-94-1	3,3-Dichlorobenzidine	40.0	U	1	40.0	360	ug/Kg	12/03/25 15:07	PB170797
56-55-3	Benzo(a)anthracene	110	J	1	25.1	190	ug/Kg	12/03/25 15:07	PB170797
218-01-9	Chrysene	98.7	J	1	21.7	190	ug/Kg	12/03/25 15:07	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	64.5	U	1	64.5	190	ug/Kg	12/03/25 15:07	PB170797
117-84-0	Di-n-octyl phthalate	94.6	U	1	94.6	360	ug/Kg	12/03/25 15:07	PB170797
205-99-2	Benzo(b)fluoranthene	220		1	20.7	190	ug/Kg	12/03/25 15:07	PB170797
207-08-9	Benzo(k)fluoranthene	75.6	J	1	24.4	190	ug/Kg	12/03/25 15:07	PB170797
50-32-8	Benzo(a)pyrene	210		1	32.2	190	ug/Kg	12/03/25 15:07	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	92.3	J	1	31.7	190	ug/Kg	12/03/25 15:07	PB170797
53-70-3	Dibenzo(a,h)anthracene	29.9	U	1	29.9	190	ug/Kg	12/03/25 15:07	PB170797
191-24-2	Benzo(g,h,i)perylene	110	J	1	28.0	190	ug/Kg	12/03/25 15:07	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	27.9	U	1	27.9	190	ug/Kg	12/03/25 15:07	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	29.9	U	1	29.9	190	ug/Kg	12/03/25 15:07	PB170797
SURROGATES									
367-12-4	2-Fluorophenol	39.3			10 - 105	26%	SPK: 150		
13127-88-3	Phenol-d6	38.5			10 - 103	26%	SPK: 150		
4165-60-0	Nitrobenzene-d5	28.2			10 - 108	28%	SPK: 100		
321-60-8	2-Fluorobiphenyl	31.0			10 - 108	31%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	34.2			10 - 116	23%	SPK: 150		
1718-51-0	Terphenyl-d14	22.5			10 - 109	22%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	81100							
1146-65-2	Naphthalene-d8	286000							
15067-26-2	Acenaphthene-d10	142000							
1517-22-2	Phenanthrene-d10	238000							
1719-03-5	Chrysene-d12	247000							
1520-96-3	Perylene-d12	283000							

Raw Data: **BF144419.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	11/19/25
Project:	Building 50 Probe Investigation			Date Received:	11/26/25
Client Sample ID:	B50-SP3-111925			SDG No.:	Q3741
Lab Sample ID:	Q3741-01			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	91.6
Sample Wt/Vol:	30.04 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date:	12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144419.D
Acq On : 03 Dec 2025 15:07
Operator : RC/JU
Sample : Q3741-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B50-SP3-111925

Quant Time: Dec 03 15:26:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

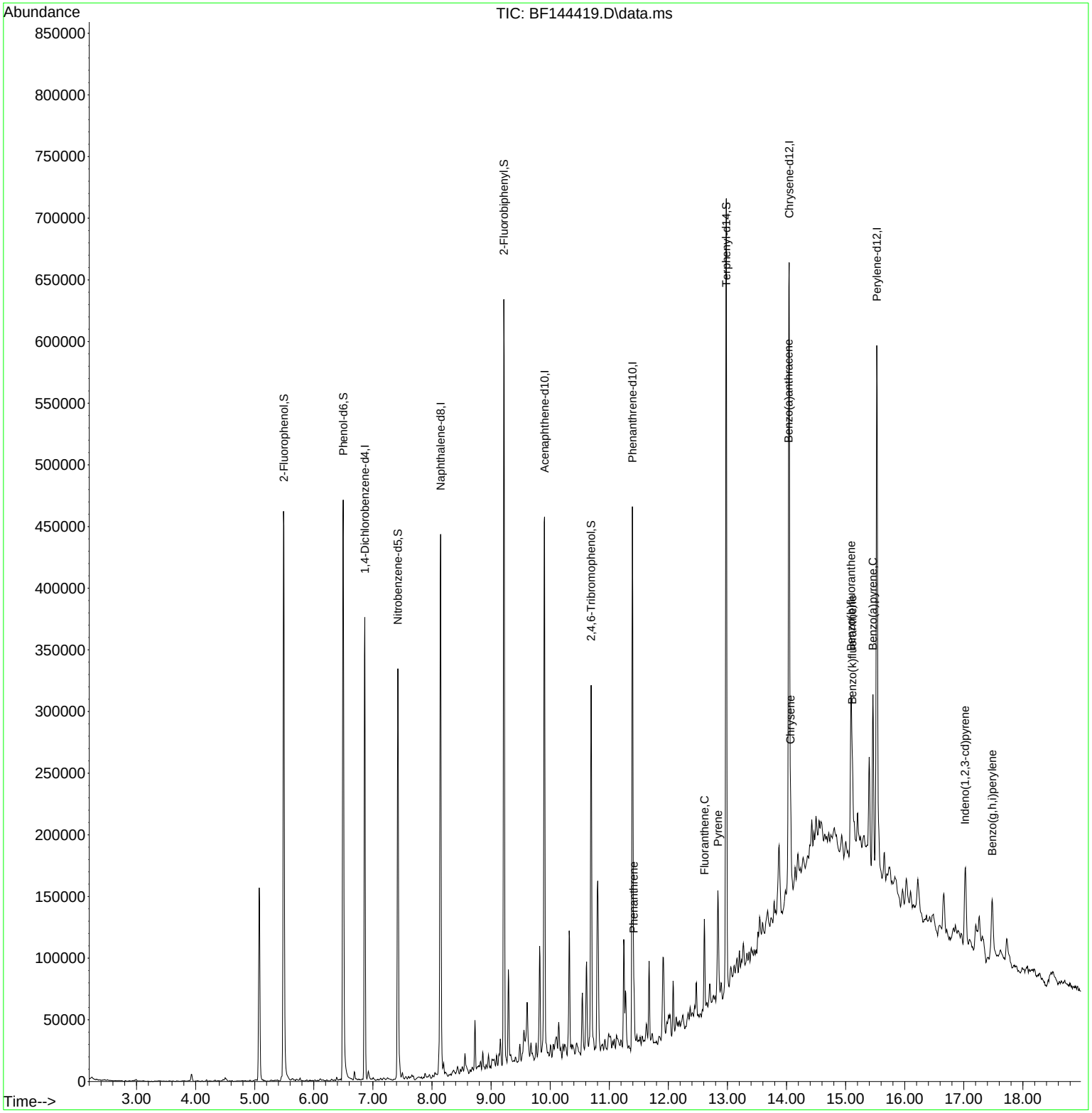
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	81142	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	286107	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	142110	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	237809	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	247413	20.000	ng		0.00
86) Perylene-d12	15.527	264	282719	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	203776	39.299	ng		0.00
7) Phenol-d6	6.498	99	226284	38.515	ng		0.00
23) Nitrobenzene-d5	7.422	82	139540	28.168	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	60972	34.190	ng		-0.01
45) 2-Fluorobiphenyl	9.216	172	298024	30.973	ng		-0.01
79) Terphenyl-d14	12.980	244	349952	22.467	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	11.416	178	23905	2.019	ng		96
75) Fluoranthene	12.610	202	42014	3.435	ng		97
78) Pyrene	12.839	202	44194	2.215	ng		96
81) Benzo(a)anthracene	14.033	228	50440	2.942	ng	#	93
83) Chrysene	14.069	228	42989	2.716	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.021	276	51542	2.540	ng		98
88) Benzo(b)fluoranthene	15.092	252	98106m	6.104	ng		
89) Benzo(k)fluoranthene	15.110	252	31309m	2.081	ng		
90) Benzo(a)pyrene	15.463	252	86242	5.816	ng	#	93
92) Benzo(g,h,i)perylene	17.480	276	49390	3.069	ng		98

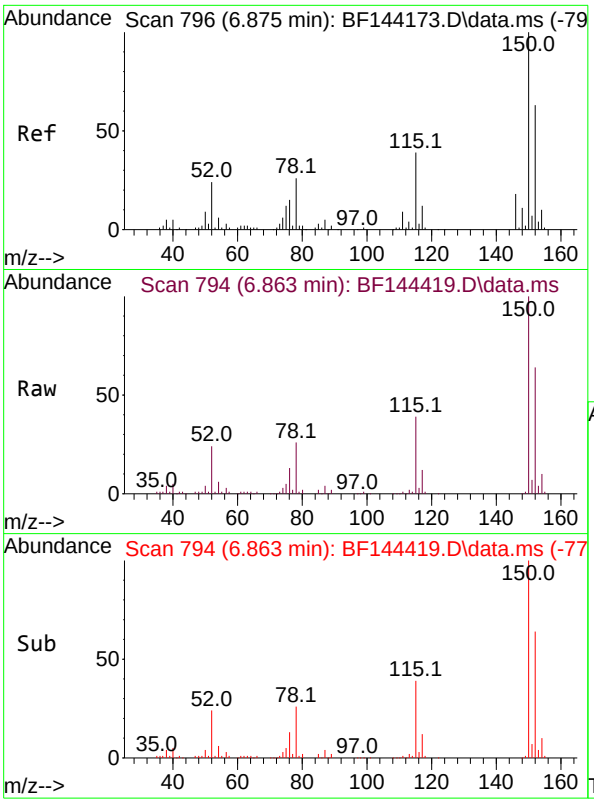
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144419.D
Acq On : 03 Dec 2025 15:07
Operator : RC/JU
Sample : Q3741-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B50-SP3-111925

Quant Time: Dec 03 15:26:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



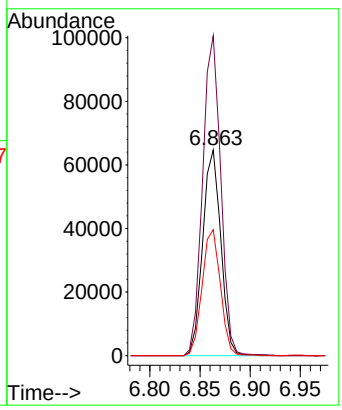


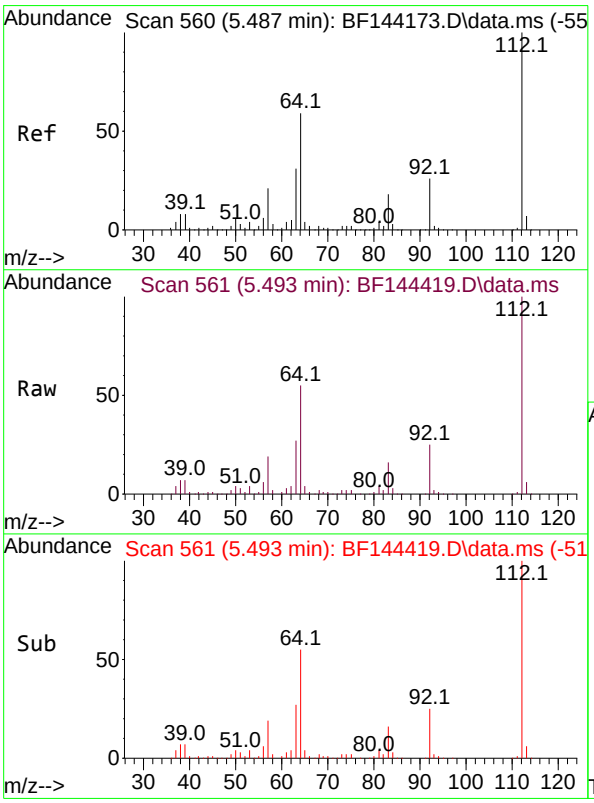
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Instrument :
BNA_F
ClientSampleId :
B50-SP3-111925

Tgt Ion:152 Resp: 81142

Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.4	191.0
115	61.2	49.5	74.3

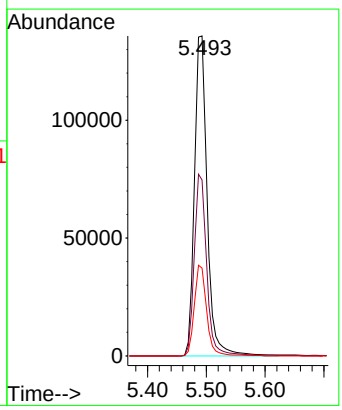


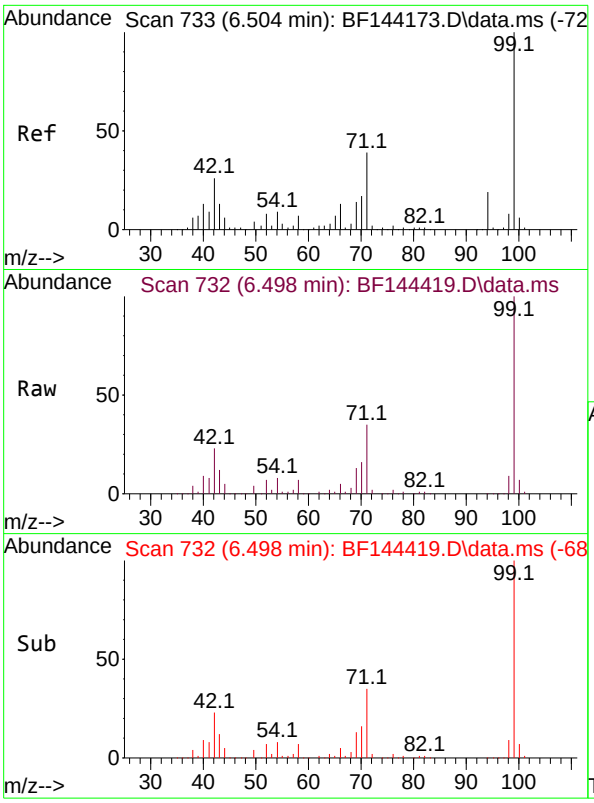


#5
2-Fluorophenol
Concen: 39.299 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Tgt Ion:112 Resp: 203776

Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.2	70.8
63	27.4	24.4	36.6



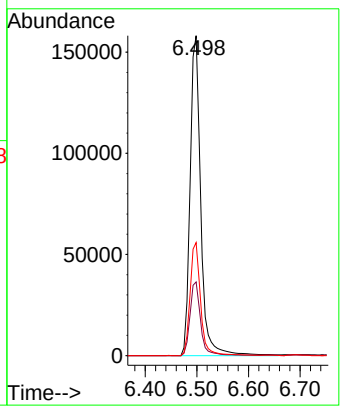


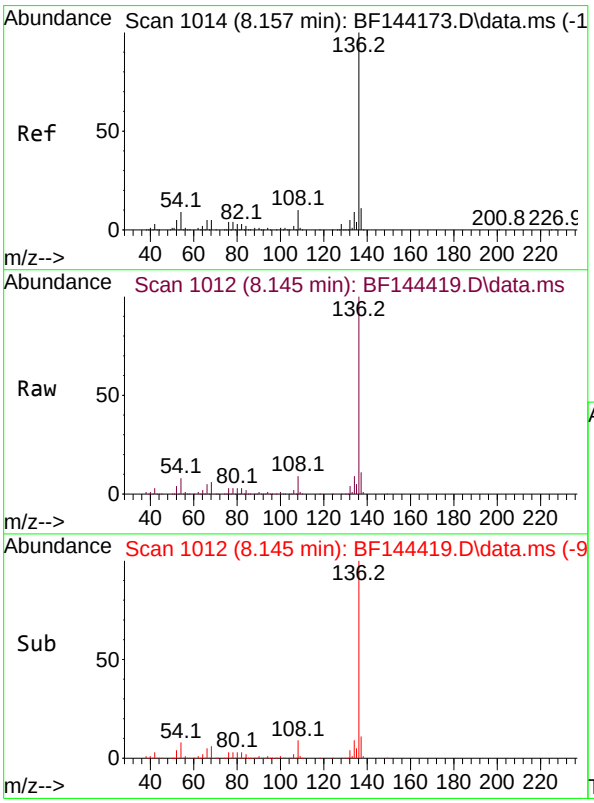
#7
Phenol-d6
Concen: 38.515 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Instrument :
BNA_F
ClientSampleId :
B50-SP3-111925

Tgt Ion: 99 Resp: 226284

Ion	Ratio	Lower	Upper
99	100		
42	23.0	20.9	31.3
71	35.3	31.4	47.2

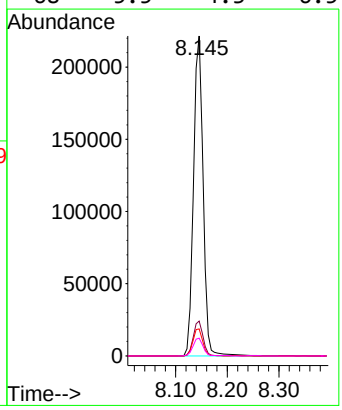


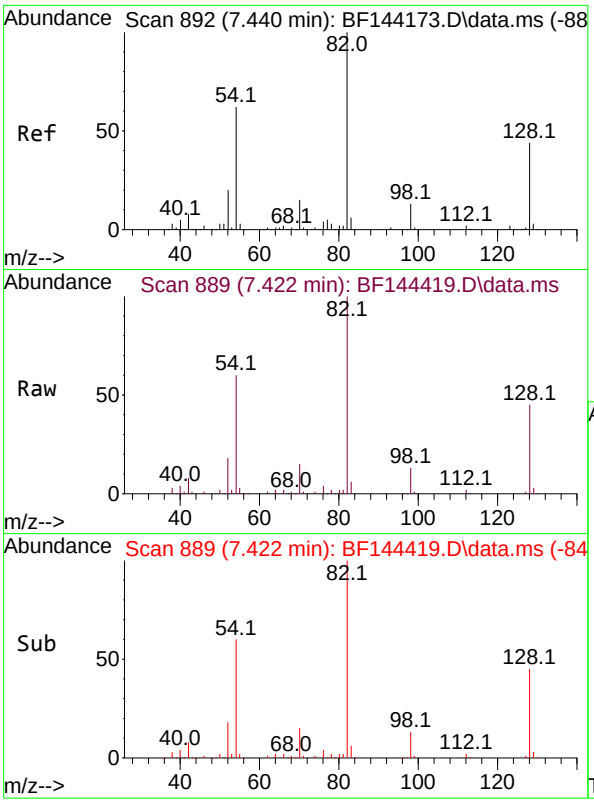


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Tgt Ion:136 Resp: 286107

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.4	7.0	10.6
68	5.5	4.3	6.5



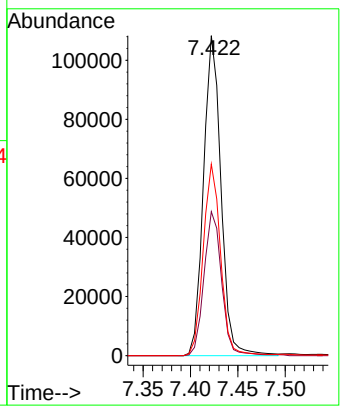


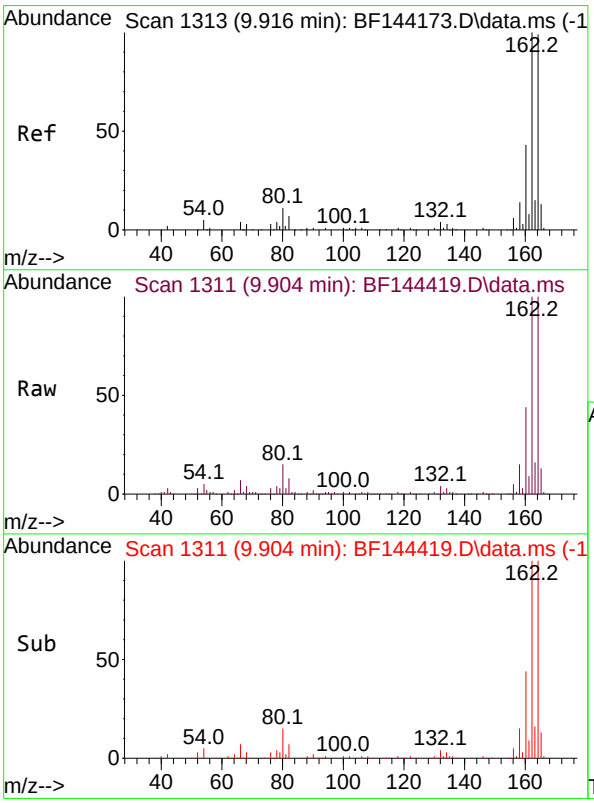
#23
Nitrobenzene-d5
Concen: 28.168 ng
RT: 7.422 min Scan# 88
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Instrument :
BNA_F
ClientSampleId :
B50-SP3-111925

Tgt Ion: 82 Resp: 139540

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.7	52.1
54	59.8	49.5	74.3

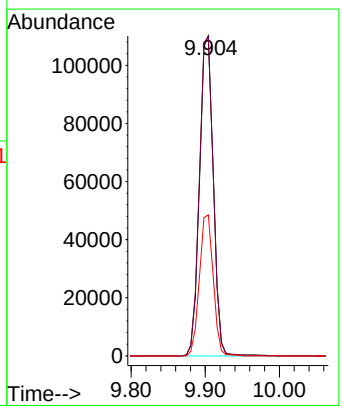


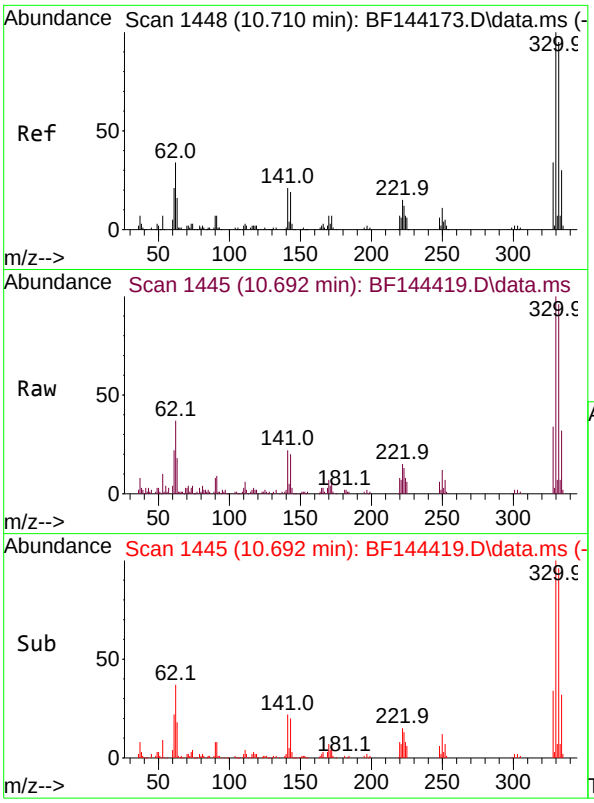


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Tgt Ion:164 Resp: 142110

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.1	121.7
160	44.1	34.5	51.7



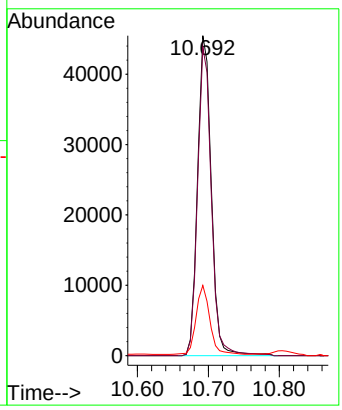


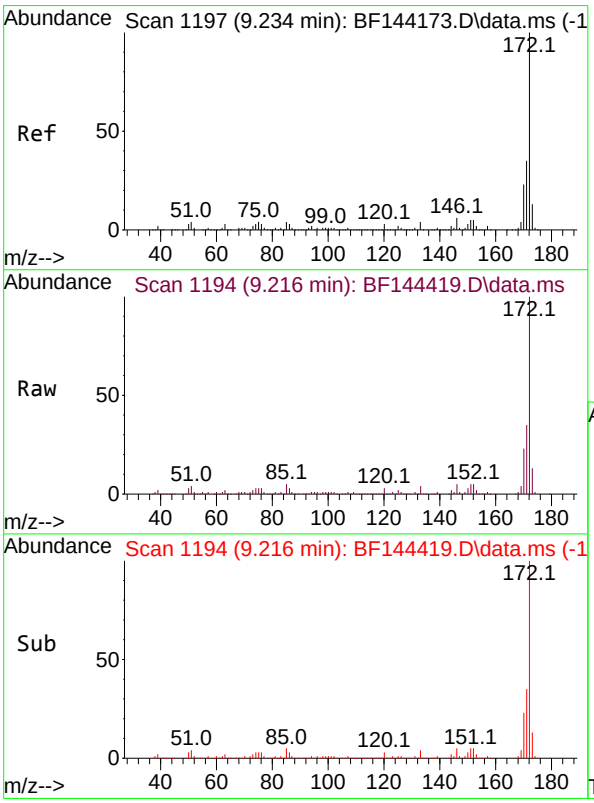
#42
2,4,6-Tribromophenol
Concen: 34.190 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Instrument :
BNA_F
ClientSampleId :
B50-SP3-111925

Tgt Ion:330 Resp: 60972

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.7	115.1
141	21.2	17.8	26.8

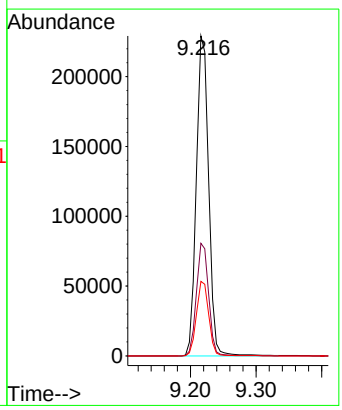


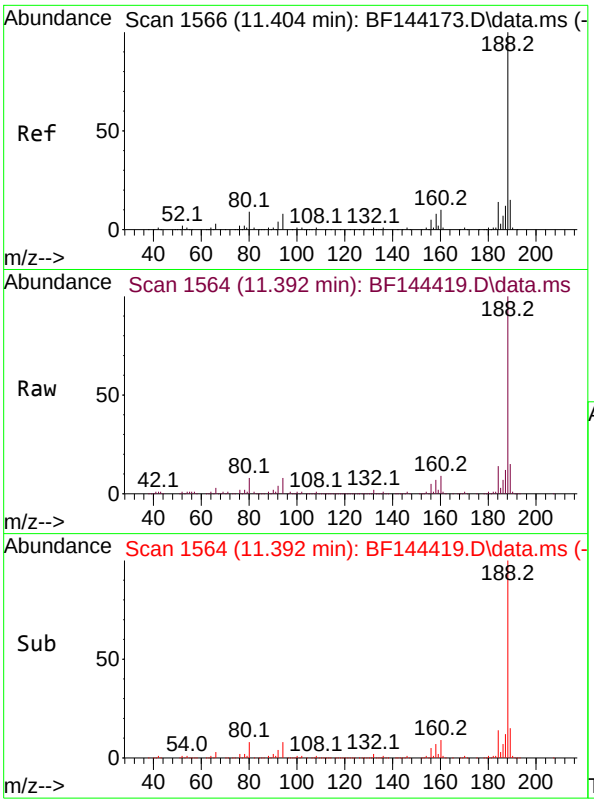


#45
2-Fluorobiphenyl
Concen: 30.973 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Tgt Ion:172 Resp: 298024

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.3	18.6	28.0



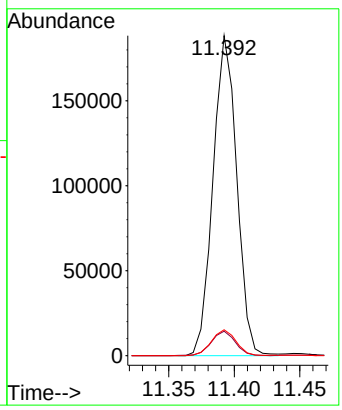


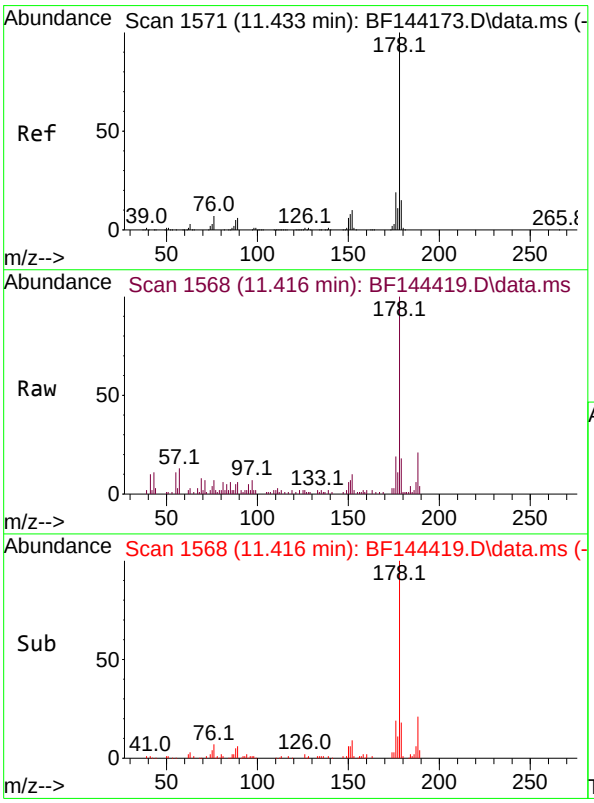
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Instrument :
BNA_F
ClientSampleId :
B50-SP3-111925

Tgt Ion:188 Resp: 237809

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.2
80	8.1	6.9	10.3

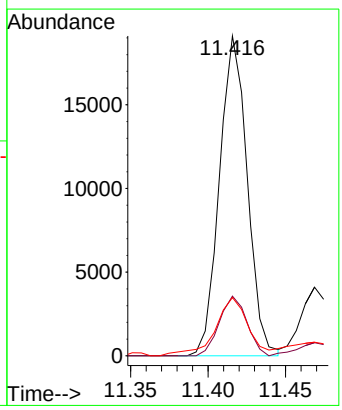


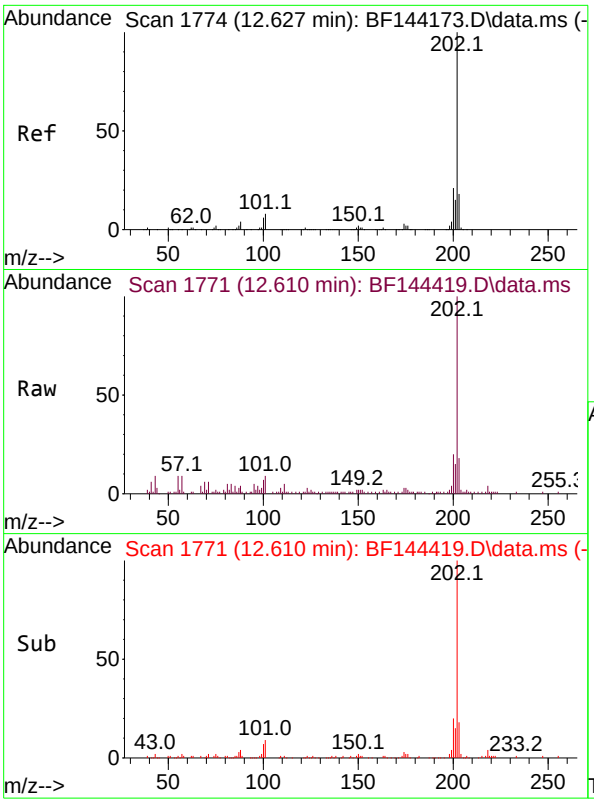


#71
Phenanthrene
Concen: 2.019 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Tgt Ion:178 Resp: 23905

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	18.2	12.2	18.4



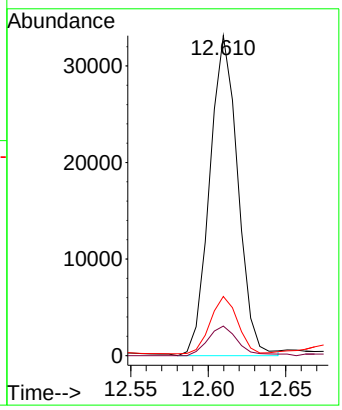


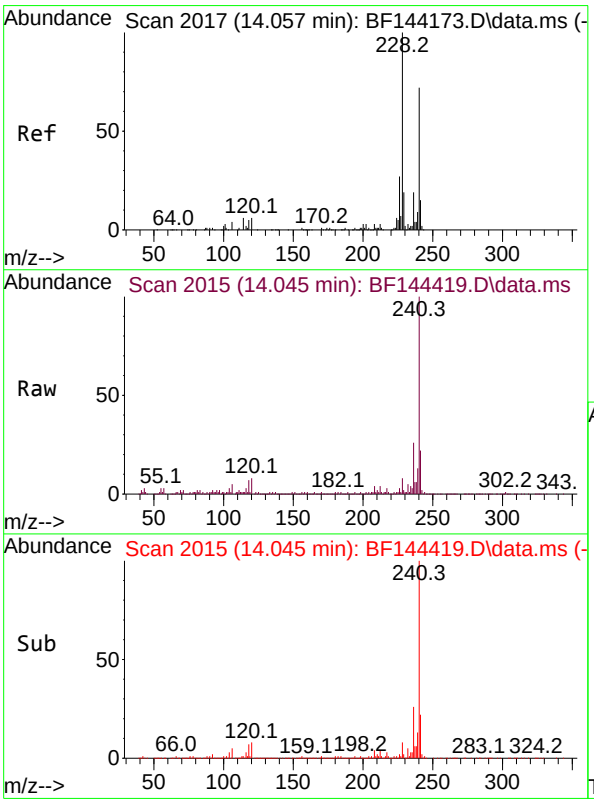
#75
Fluoranthene
Concen: 3.435 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Instrument :
BNA_F
ClientSampleId :
B50-SP3-111925

Tgt Ion:202 Resp: 42014

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	27.9
203	18.5	0.0	37.5

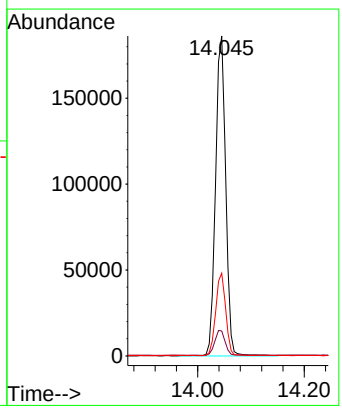


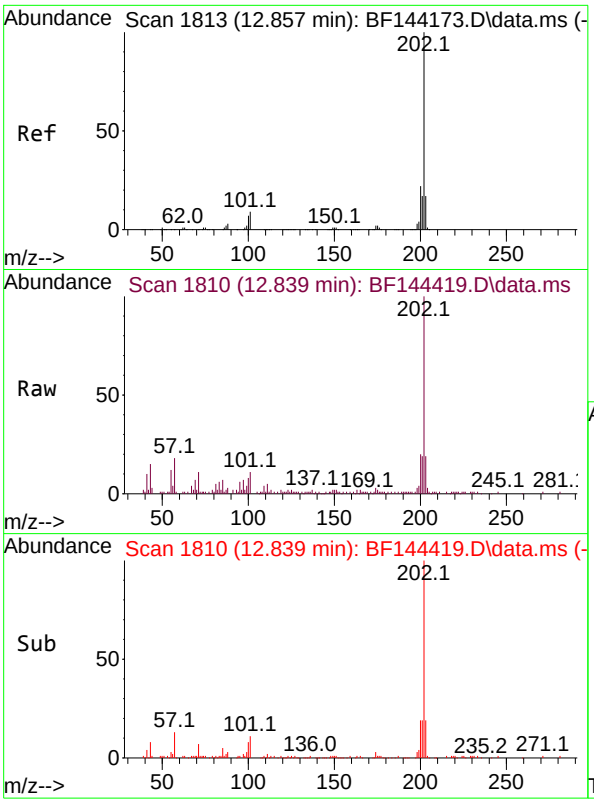


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Tgt Ion:240 Resp: 247413

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.6	10.0
236	25.8	21.4	32.2



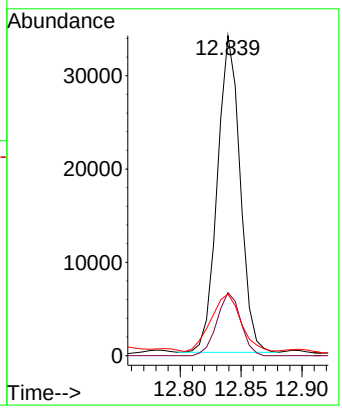


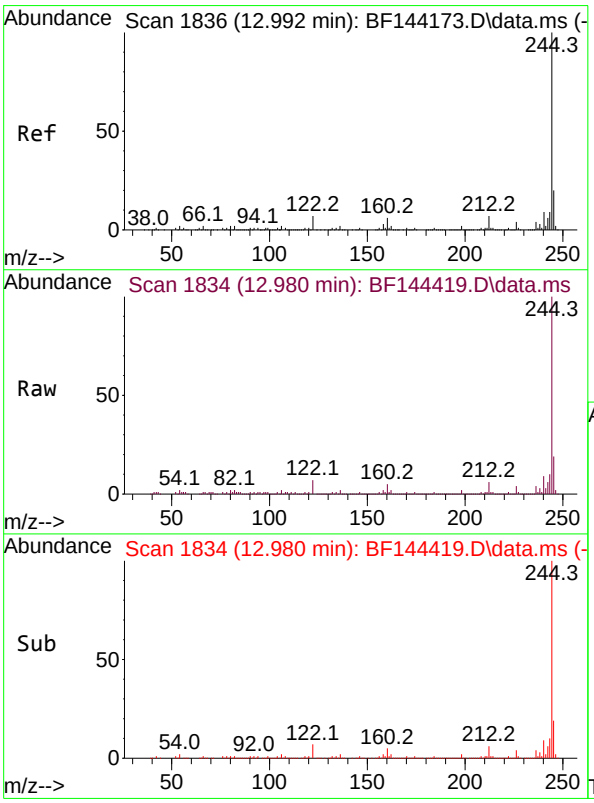
#78
Pyrene
Concen: 2.215 ng
RT: 12.839 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Instrument :
BNA_F
ClientSampleId :
B50-SP3-111925

Tgt Ion:202 Resp: 44194

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.2	25.8
203	19.2	13.7	20.5

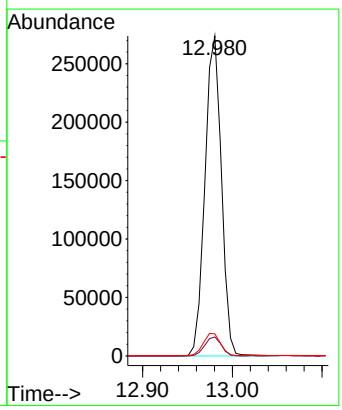


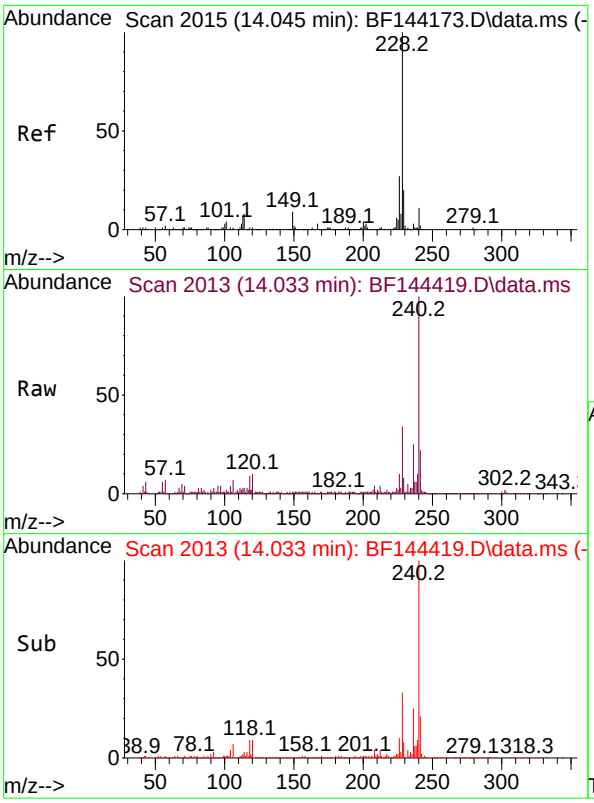


#79
Terphenyl-d14
Concen: 22.467 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Tgt Ion:244 Resp: 349952

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.3	7.9
122	6.9	5.6	8.4



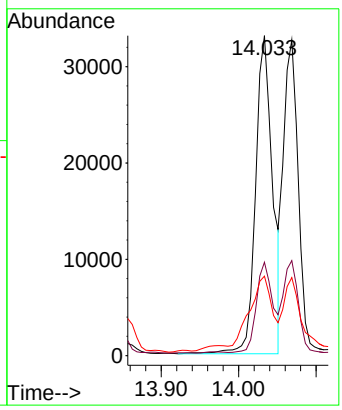


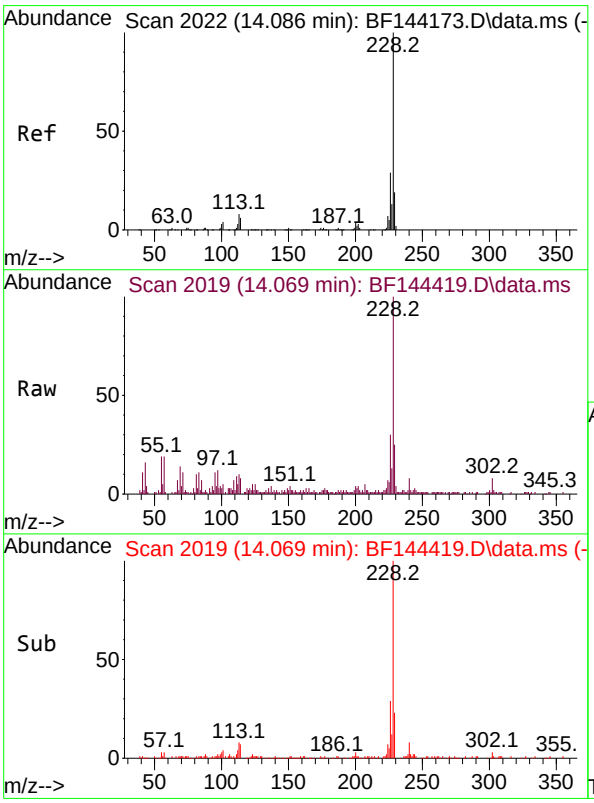
#81
Benzo(a)anthracene
Concen: 2.942 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Instrument :
BNA_F
ClientSampleId :
B50-SP3-111925

Tgt Ion:228 Resp: 50440

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.8	32.8
229	24.8	15.8	23.6#

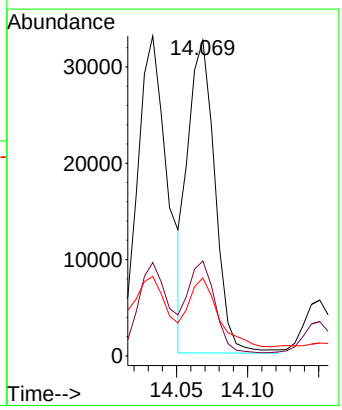


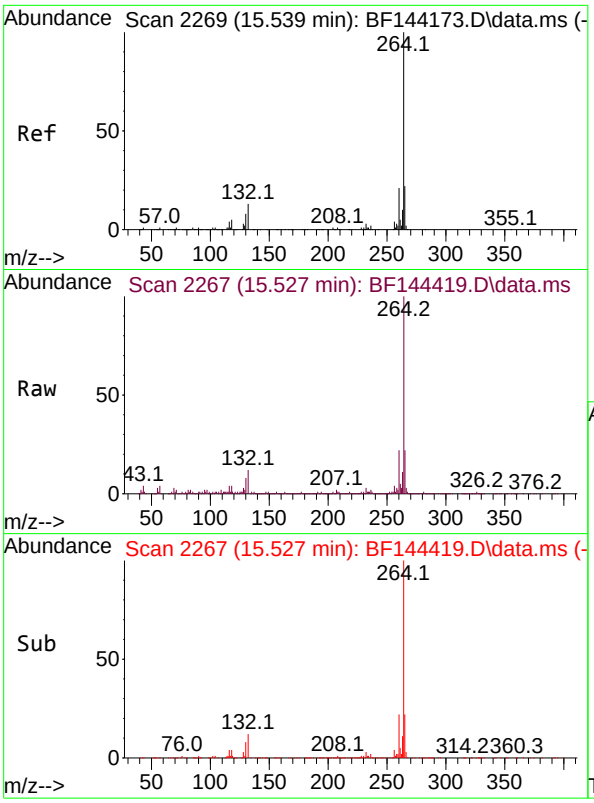


#83
Chrysene
Concen: 2.716 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Tgt Ion:228 Resp: 42989

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.9	34.3
229	24.7	15.0	22.6#



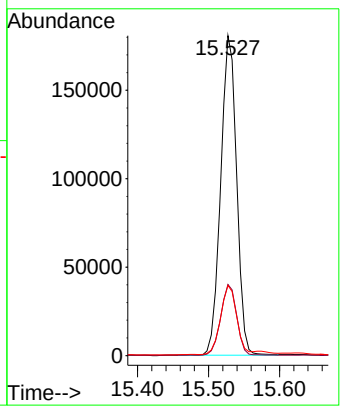


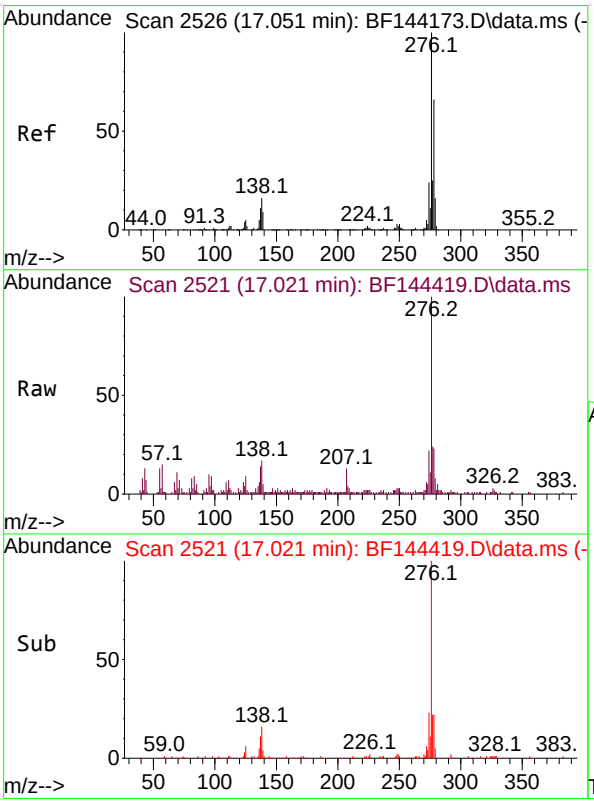
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Instrument :
BNA_F
ClientSampleId :
B50-SP3-111925

Tgt Ion:264 Resp: 282719

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.1	25.7
265	21.9	17.4	26.0

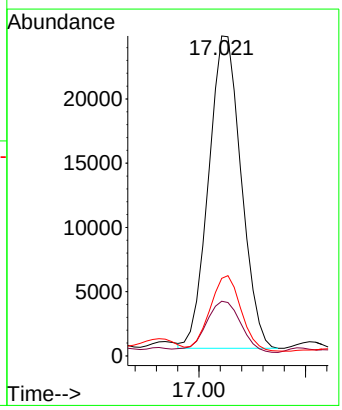


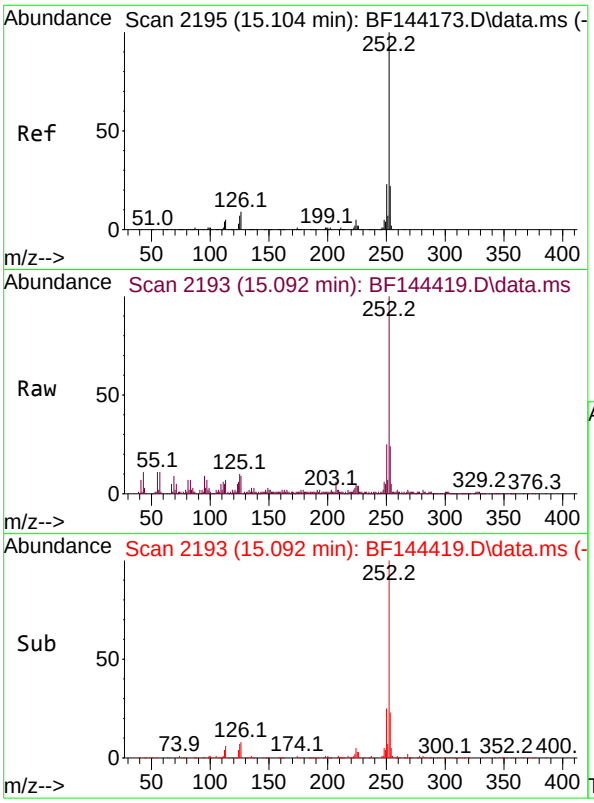


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.540 ng
RT: 17.021 min Scan# 2521
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Tgt Ion:276 Resp: 51542

Ion	Ratio	Lower	Upper
276	100		
138	17.8	13.9	20.9
277	23.3	19.8	29.6



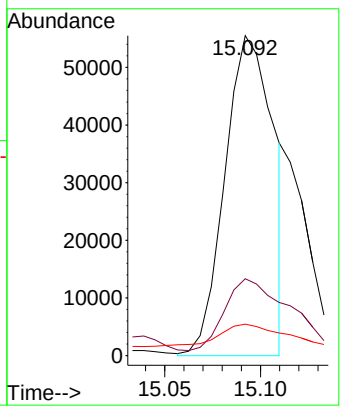


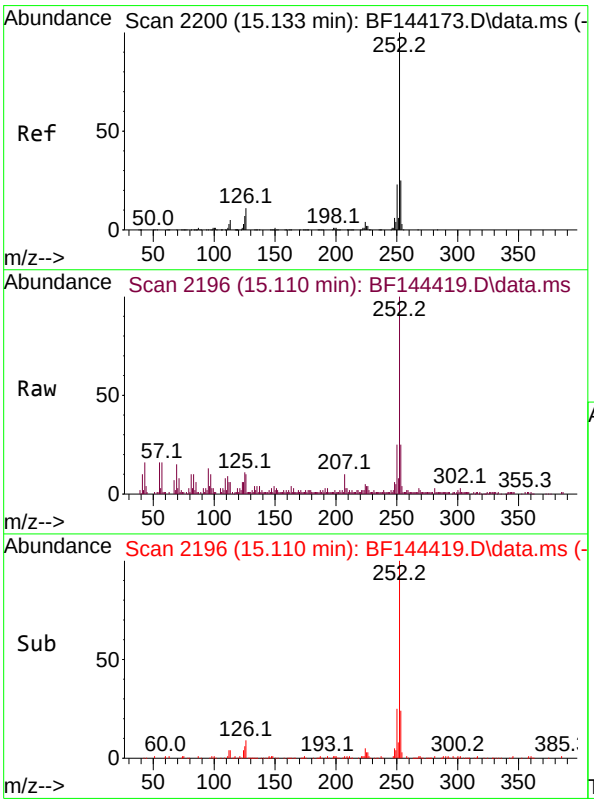
#88
Benzo(b)fluoranthene
Concen: 6.104 ng m
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Instrument :
BNA_F
ClientSampleId :
B50-SP3-111925

Tgt Ion:252 Resp: 98106

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.2
125	9.8	5.3	7.9#

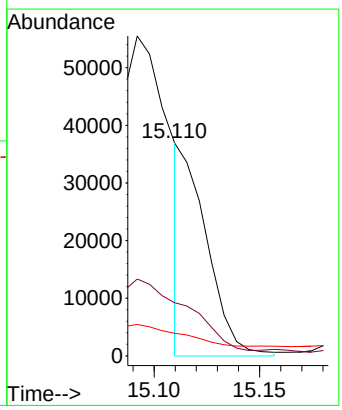


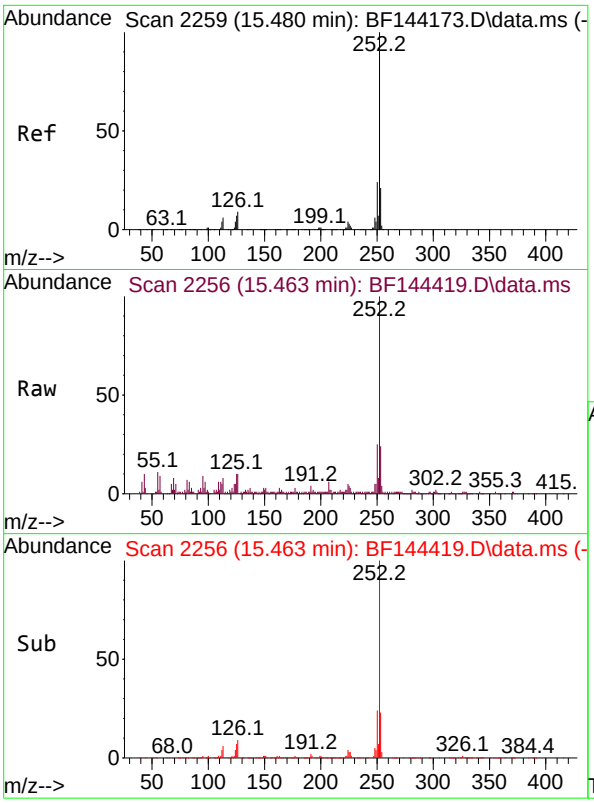


#89
Benzo(k)fluoranthene
Concen: 2.081 ng m
RT: 15.110 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Tgt Ion:252 Resp: 31309

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	10.7	5.4	8.2#



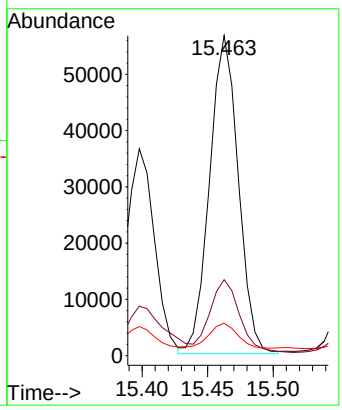


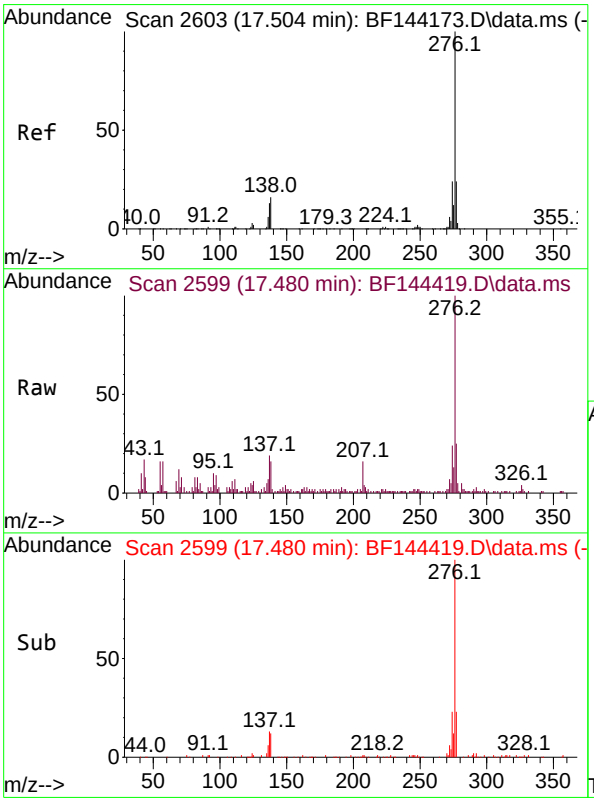
#90
Benzo(a)pyrene
Concen: 5.816 ng
RT: 15.463 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Instrument :
BNA_F
ClientSampleId :
B50-SP3-111925

Tgt Ion:252 Resp: 86242

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.7	25.1
125	10.1	5.7	8.5#

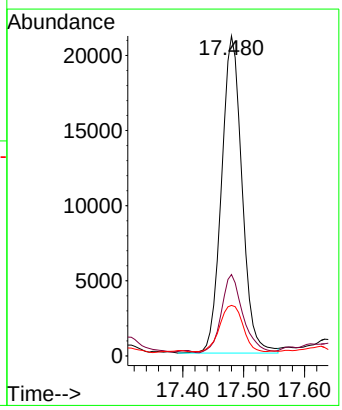




#92
Benzo(g,h,i)perylene
Concen: 3.069 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144419.D
Acq: 03 Dec 2025 15:07

Tgt Ion:276 Resp: 49390

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.0	28.4
138	15.8	12.9	19.3



Raw Data: **BF144420.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/20/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP13-112025	SDG No.:	Q3741
Lab Sample ID:	Q3741-02	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	86.4
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541 Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	380	ug/Kg	12/03/25 15:36	PB170797
108-95-2	Phenol	25.5	U	1	25.5	200	ug/Kg	12/03/25 15:36	PB170797
111-44-4	bis(2-Chloroethyl)ether	28.0	U	1	28.0	200	ug/Kg	12/03/25 15:36	PB170797
95-57-8	2-Chlorophenol	28.2	U	1	28.2	200	ug/Kg	12/03/25 15:36	PB170797
95-48-7	2-Methylphenol	34.5	U	1	34.5	200	ug/Kg	12/03/25 15:36	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	43.3	U	1	43.3	200	ug/Kg	12/03/25 15:36	PB170797
98-86-2	Acetophenone	34.0	U	1	34.0	200	ug/Kg	12/03/25 15:36	PB170797
65794-96-9	3+4-Methylphenols	47.4	U	1	47.4	380	ug/Kg	12/03/25 15:36	PB170797
621-64-7	n-Nitroso-di-n-propylamine	54.7	U	1	54.7	92.3	ug/Kg	12/03/25 15:36	PB170797
67-72-1	Hexachloroethane	20.3	U	1	20.3	200	ug/Kg	12/03/25 15:36	PB170797
98-95-3	Nitrobenzene	21.1	U	1	21.1	200	ug/Kg	12/03/25 15:36	PB170797
78-59-1	Isophorone	37.8	U	1	37.8	200	ug/Kg	12/03/25 15:36	PB170797
88-75-5	2-Nitrophenol	67.2	U	1	67.2	200	ug/Kg	12/03/25 15:36	PB170797
105-67-9	2,4-Dimethylphenol	74.8	U	1	74.8	200	ug/Kg	12/03/25 15:36	PB170797
111-91-1	bis(2-Chloroethoxy)methane	35.5	U	1	35.5	200	ug/Kg	12/03/25 15:36	PB170797
120-83-2	2,4-Dichlorophenol	32.7	U	1	32.7	200	ug/Kg	12/03/25 15:36	PB170797
91-20-3	Naphthalene	26.2	U	1	26.2	200	ug/Kg	12/03/25 15:36	PB170797
106-47-8	4-Chloroaniline	40.8	U	1	40.8	200	ug/Kg	12/03/25 15:36	PB170797
87-68-3	Hexachlorobutadiene	29.2	U	1	29.2	200	ug/Kg	12/03/25 15:36	PB170797
105-60-2	Caprolactam	60.1	UQ	1	60.1	380	ug/Kg	12/03/25 15:36	PB170797
59-50-7	4-Chloro-3-methylphenol	33.1	U	1	33.1	200	ug/Kg	12/03/25 15:36	PB170797
91-57-6	2-Methylnaphthalene	29.5	U	1	29.5	200	ug/Kg	12/03/25 15:36	PB170797
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	380	ug/Kg	12/03/25 15:36	PB170797
88-06-2	2,4,6-Trichlorophenol	22.8	U	1	22.8	200	ug/Kg	12/03/25 15:36	PB170797
95-95-4	2,4,5-Trichlorophenol	33.6	U	1	33.6	200	ug/Kg	12/03/25 15:36	PB170797
92-52-4	1,1-Biphenyl	25.2	U	1	25.2	200	ug/Kg	12/03/25 15:36	PB170797
91-58-7	2-Chloronaphthalene	26.0	U	1	26.0	200	ug/Kg	12/03/25 15:36	PB170797
88-74-4	2-Nitroaniline	55.5	U	1	55.5	200	ug/Kg	12/03/25 15:36	PB170797
131-11-3	Dimethylphthalate	31.3	U	1	31.3	200	ug/Kg	12/03/25 15:36	PB170797
208-96-8	Acenaphthylene	33.3	U	1	33.3	200	ug/Kg	12/03/25 15:36	PB170797
606-20-2	2,6-Dinitrotoluene	38.8	U	1	38.8	200	ug/Kg	12/03/25 15:36	PB170797
99-09-2	3-Nitroaniline	53.1	U	1	53.1	200	ug/Kg	12/03/25 15:36	PB170797
83-32-9	Acenaphthene	24.6	U	1	24.6	200	ug/Kg	12/03/25 15:36	PB170797
51-28-5	2,4-Dinitrophenol	260	U	1	260	380	ug/Kg	12/03/25 15:36	PB170797
100-02-7	4-Nitrophenol	120	U	1	120	380	ug/Kg	12/03/25 15:36	PB170797
132-64-9	Dibenzofuran	26.2	U	1	26.2	200	ug/Kg	12/03/25 15:36	PB170797
121-14-2	2,4-Dinitrotoluene	57.8	UQ	1	57.8	200	ug/Kg	12/03/25 15:36	PB170797
84-66-2	Diethylphthalate	32.7	U	1	32.7	200	ug/Kg	12/03/25 15:36	PB170797
7005-72-3	4-Chlorophenyl-phenylether	30.8	U	1	30.8	200	ug/Kg	12/03/25 15:36	PB170797
86-73-7	Fluorene	29.2	U	1	29.2	200	ug/Kg	12/03/25 15:36	PB170797
100-01-6	4-Nitroaniline	74.1	U	1	74.1	200	ug/Kg	12/03/25 15:36	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	380	ug/Kg	12/03/25 15:36	PB170797

Raw Data: **BF144420.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/20/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP13-112025	SDG No.:	Q3741
Lab Sample ID:	Q3741-02	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	86.4
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541 Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.0	U	1	38.0	200	ug/Kg	12/03/25 15:36	PB170797
101-55-3	4-Bromophenyl-phenylether	32.1	U	1	32.1	200	ug/Kg	12/03/25 15:36	PB170797
118-74-1	Hexachlorobenzene	29.2	U	1	29.2	200	ug/Kg	12/03/25 15:36	PB170797
1912-24-9	Atrazine	39.2	U	1	39.2	200	ug/Kg	12/03/25 15:36	PB170797
87-86-5	Pentachlorophenol	59.2	U	1	59.2	380	ug/Kg	12/03/25 15:36	PB170797
85-01-8	Phenanthrene	340		1	24.1	200	ug/Kg	12/03/25 15:36	PB170797
120-12-7	Anthracene	38.4	U	1	38.4	200	ug/Kg	12/03/25 15:36	PB170797
86-74-8	Carbazole	36.0	U	1	36.0	200	ug/Kg	12/03/25 15:36	PB170797
84-74-2	Di-n-butylphthalate	55.3	U	1	55.3	200	ug/Kg	12/03/25 15:36	PB170797
206-44-0	Fluoranthene	550		1	34.6	200	ug/Kg	12/03/25 15:36	PB170797
129-00-0	Pyrene	360		1	41.5	200	ug/Kg	12/03/25 15:36	PB170797
85-68-7	Butylbenzylphthalate	82.4	U	1	82.4	200	ug/Kg	12/03/25 15:36	PB170797
91-94-1	3,3-Dichlorobenzidine	42.3	U	1	42.3	380	ug/Kg	12/03/25 15:36	PB170797
56-55-3	Benzo(a)anthracene	300		1	26.5	200	ug/Kg	12/03/25 15:36	PB170797
218-01-9	Chrysene	290		1	23.0	200	ug/Kg	12/03/25 15:36	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	68.3	U	1	68.3	200	ug/Kg	12/03/25 15:36	PB170797
117-84-0	Di-n-octyl phthalate	100	U	1	100	380	ug/Kg	12/03/25 15:36	PB170797
205-99-2	Benzo(b)fluoranthene	390		1	21.9	200	ug/Kg	12/03/25 15:36	PB170797
207-08-9	Benzo(k)fluoranthene	160	J	1	25.8	200	ug/Kg	12/03/25 15:36	PB170797
50-32-8	Benzo(a)pyrene	330		1	34.0	200	ug/Kg	12/03/25 15:36	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	1	33.6	200	ug/Kg	12/03/25 15:36	PB170797
53-70-3	Dibenzo(a,h)anthracene	31.6	U	1	31.6	200	ug/Kg	12/03/25 15:36	PB170797
191-24-2	Benzo(g,h,i)perylene	130	J	1	29.7	200	ug/Kg	12/03/25 15:36	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	29.5	U	1	29.5	200	ug/Kg	12/03/25 15:36	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	31.6	U	1	31.6	200	ug/Kg	12/03/25 15:36	PB170797
SURROGATES									
367-12-4	2-Fluorophenol	36.2			10 - 105	24%	SPK: 150		
13127-88-3	Phenol-d6	36.4			10 - 103	24%	SPK: 150		
4165-60-0	Nitrobenzene-d5	25.9			10 - 108	26%	SPK: 100		
321-60-8	2-Fluorobiphenyl	26.8			10 - 108	27%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	32.1			10 - 116	21%	SPK: 150		
1718-51-0	Terphenyl-d14	20.6			10 - 109	21%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	88400							
1146-65-2	Naphthalene-d8	322000							
15067-26-2	Acenaphthene-d10	169000							
1517-22-2	Phenanthrene-d10	276000							
1719-03-5	Chrysene-d12	256000							
1520-96-3	Perylene-d12	297000							

Raw Data: **BF144420.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	11/20/25
Project:	Building 50 Probe Investigation			Date Received:	11/26/25
Client Sample ID:	B50-SP13-112025			SDG No.:	Q3741
Lab Sample ID:	Q3741-02			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	86.4
Sample Wt/Vol:	30.09 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date:	12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144420.D
Acq On : 03 Dec 2025 15:36
Operator : RC/JU
Sample : Q3741-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

Quant Time: Dec 03 15:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

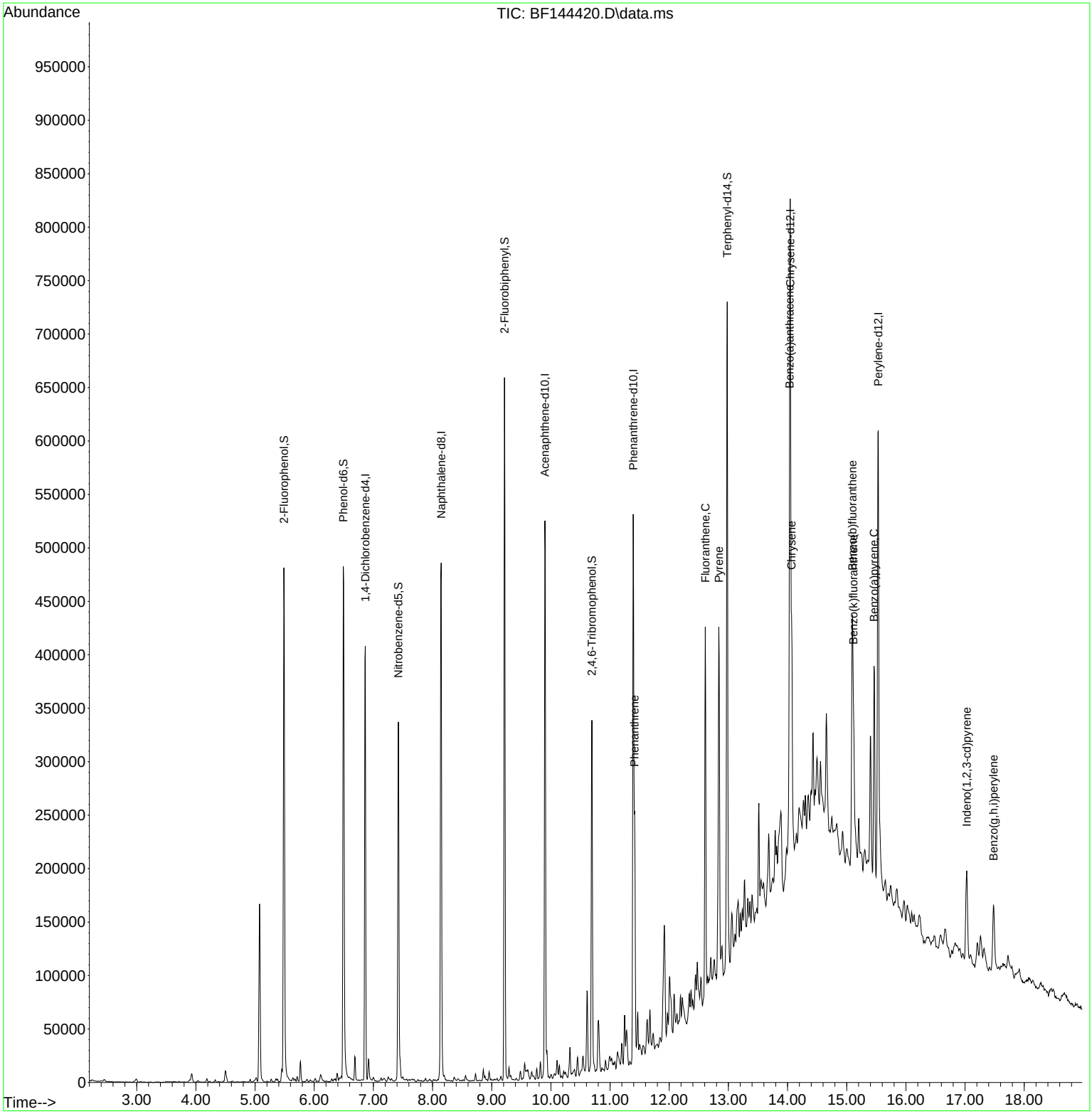
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	88360	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	321604	20.000	ng		-0.01
39) Acenaphthene-d10	9.898	164	169125	20.000	ng		-0.02
64) Phenanthrene-d10	11.392	188	275703	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	255767	20.000	ng		0.00
86) Perylene-d12	15.533	264	296885	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	204468	36.212	ng		0.00
7) Phenol-d6	6.493	99	232644	36.363	ng		0.00
23) Nitrobenzene-d5	7.422	82	144028	25.865	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	68036	32.057	ng		-0.01
45) 2-Fluorobiphenyl	9.216	172	306402	26.757	ng		-0.01
79) Terphenyl-d14	12.980	244	332358	20.641	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	11.416	178	122795	8.946	ng		98
75) Fluoranthene	12.610	202	201389	14.202	ng		100
78) Pyrene	12.839	202	195470	9.479	ng		98
81) Benzo(a)anthracene	14.033	228	137286	7.745	ng		97
83) Chrysene	14.069	228	124267m	7.594	ng		
87) Indeno(1,2,3-cd)pyrene	17.027	276	62628	2.939	ng		98
88) Benzo(b)fluoranthene	15.098	252	170210m	10.084	ng		
89) Benzo(k)fluoranthene	15.110	252	64199m	4.064	ng		
90) Benzo(a)pyrene	15.463	252	134237	8.621	ng	#	94
92) Benzo(g,h,i)perylene	17.480	276	58093	3.437	ng		95

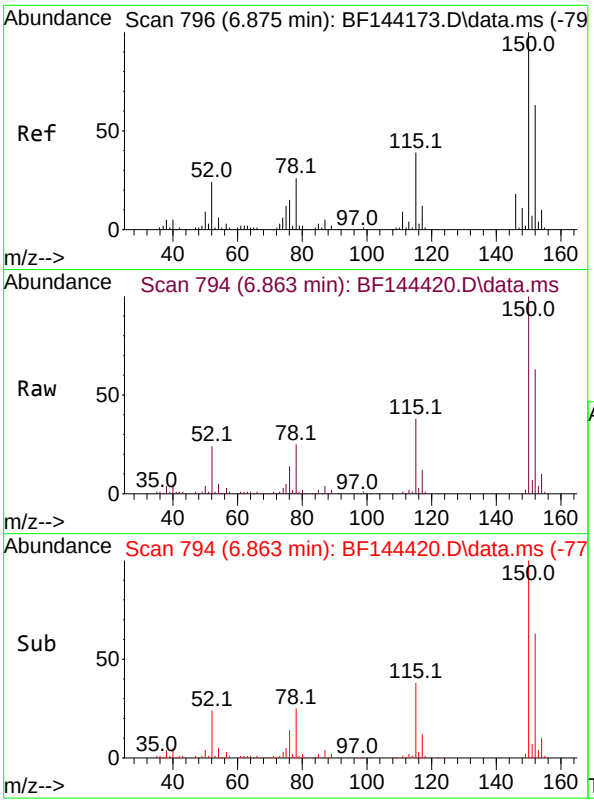
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144420.D
Acq On : 03 Dec 2025 15:36
Operator : RC/JU
Sample : Q3741-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

Quant Time: Dec 03 15:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



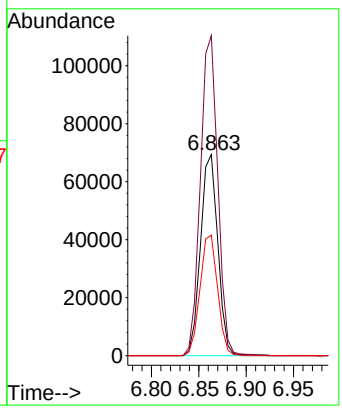


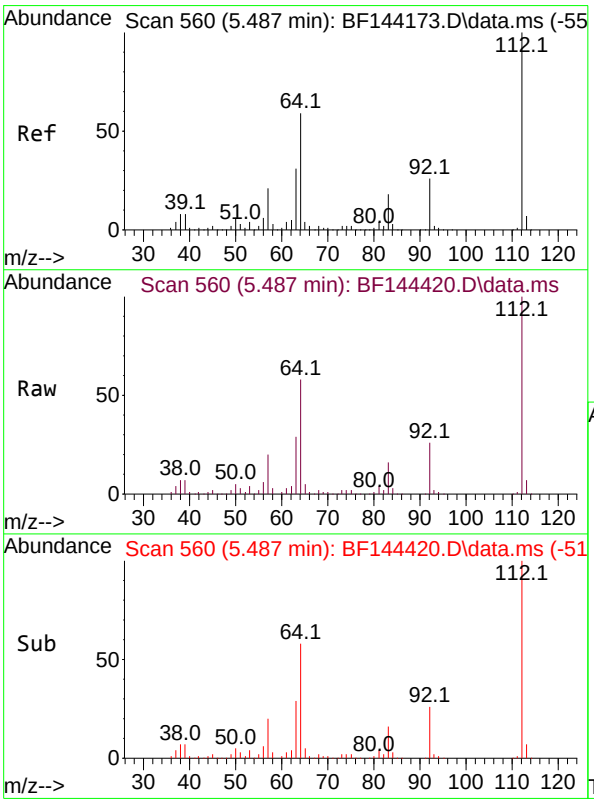
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

Tgt Ion:152 Resp: 88360

Ion	Ratio	Lower	Upper
152	100		
150	159.2	127.4	191.0
115	59.9	49.5	74.3

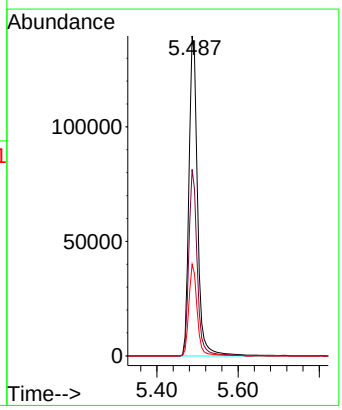


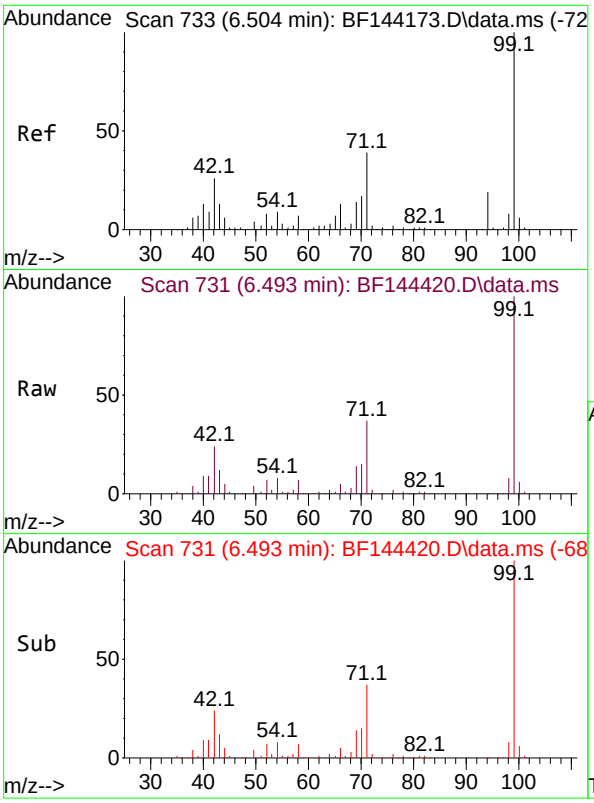


#5
2-Fluorophenol
Concen: 36.212 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Tgt Ion:112 Resp: 204468

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.2	70.8
63	28.6	24.4	36.6



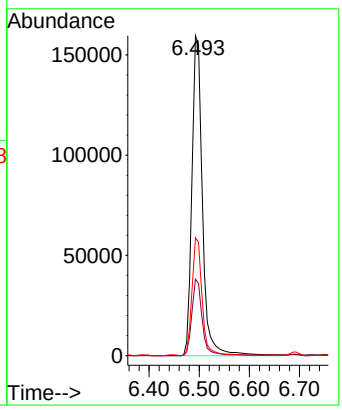


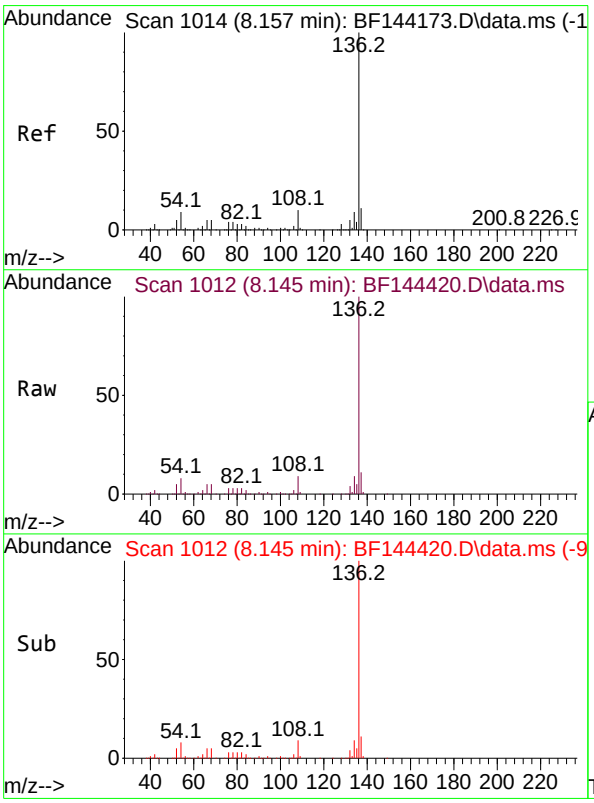
#7
Phenol-d6
Concen: 36.363 ng
RT: 6.493 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

Tgt Ion: 99 Resp: 232644

Ion	Ratio	Lower	Upper
99	100		
42	23.9	20.9	31.3
71	36.8	31.4	47.2

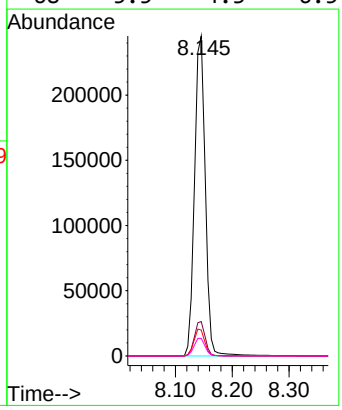


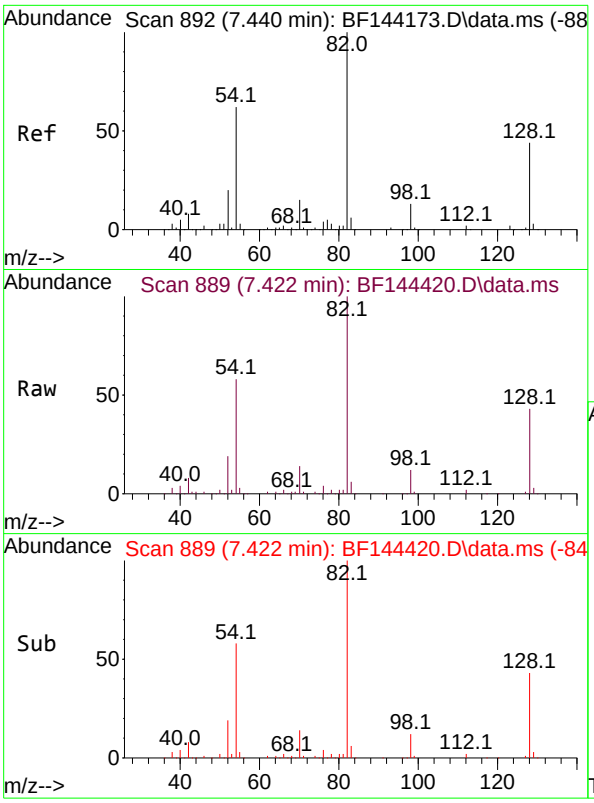


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Tgt Ion:136 Resp: 321604

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.1	7.0	10.6
68	5.5	4.3	6.5



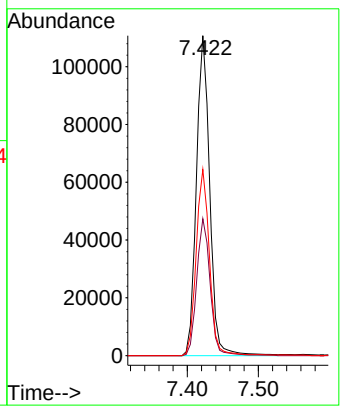


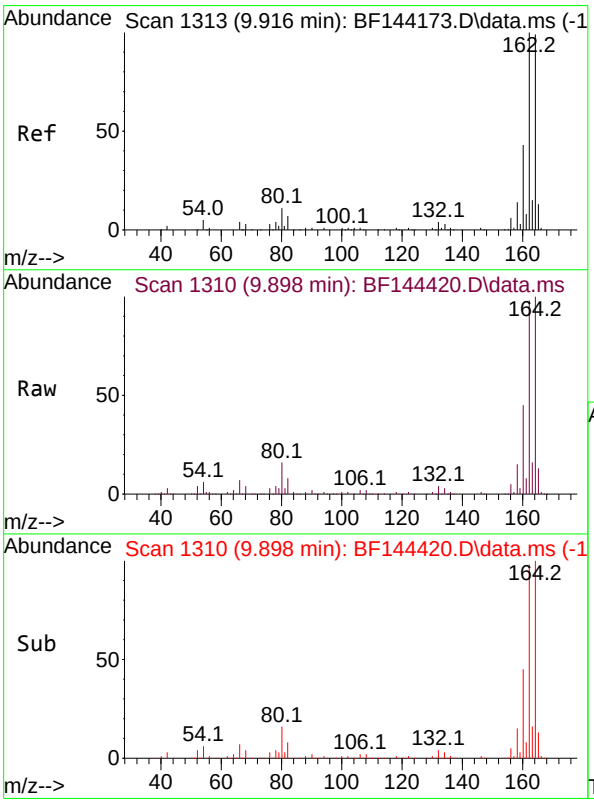
#23
Nitrobenzene-d5
Concen: 25.865 ng
RT: 7.422 min Scan# 88
Delta R.T. -0.012 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

Tgt Ion: 82 Resp: 144028

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.7	52.1
54	58.2	49.5	74.3

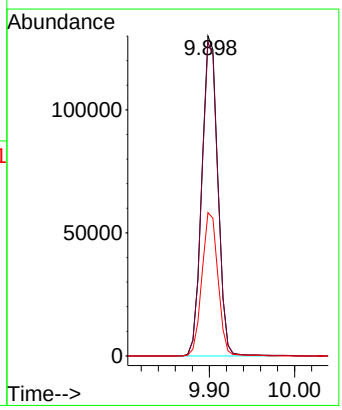


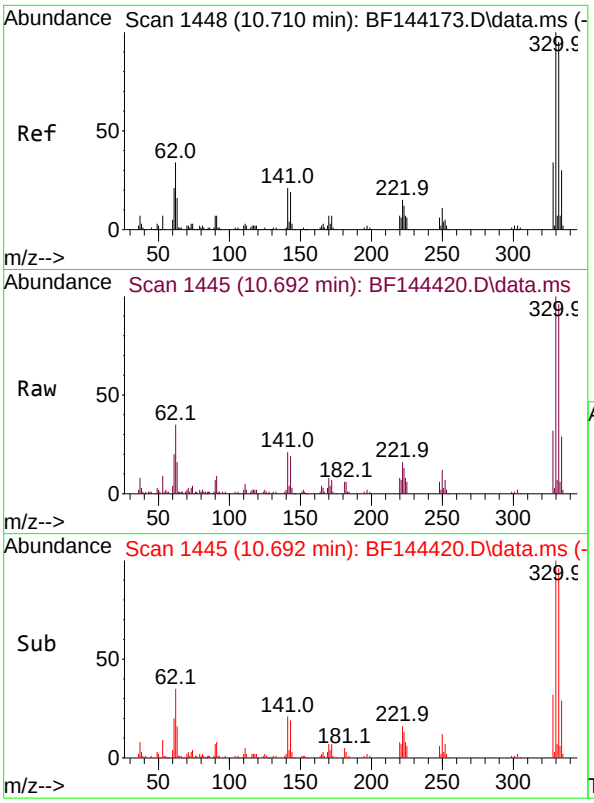


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Tgt Ion:164 Resp: 169125

Ion	Ratio	Lower	Upper
164	100		
162	98.1	81.1	121.7
160	44.8	34.5	51.7



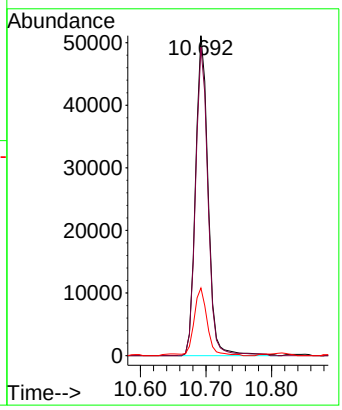


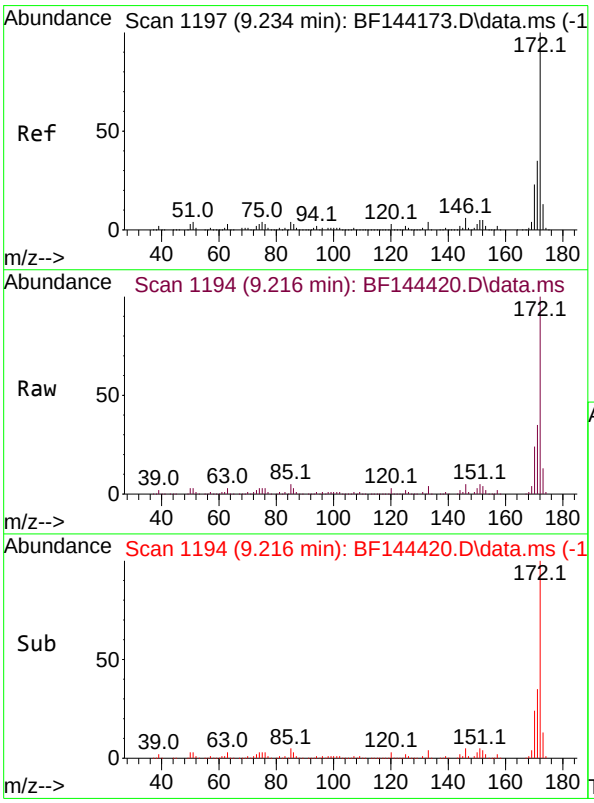
#42
2,4,6-Tribromophenol
Concen: 32.057 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

Tgt Ion:330 Resp: 68036

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.7	115.1
141	21.8	17.8	26.8

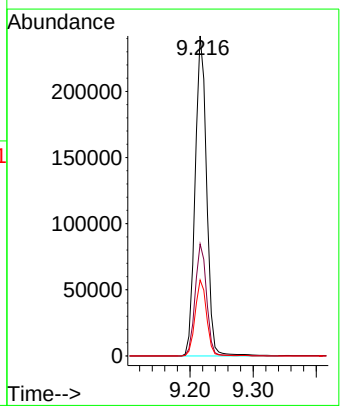


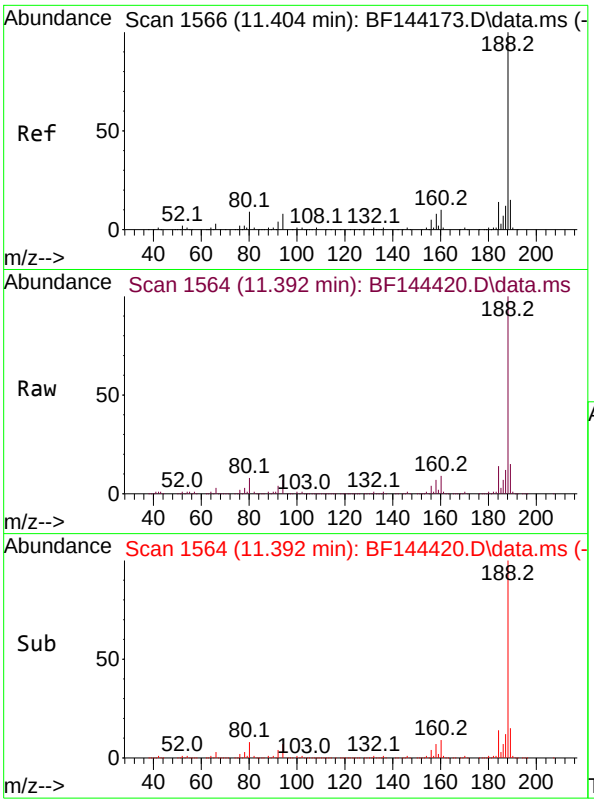


#45
2-Fluorobiphenyl
Concen: 26.757 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Tgt Ion:172 Resp: 306402

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.7	18.6	28.0



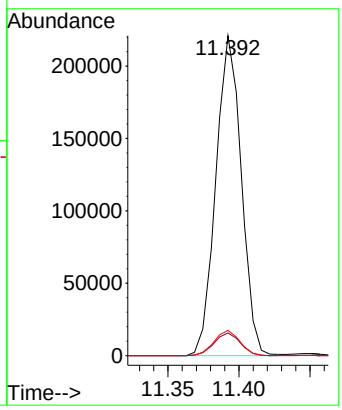


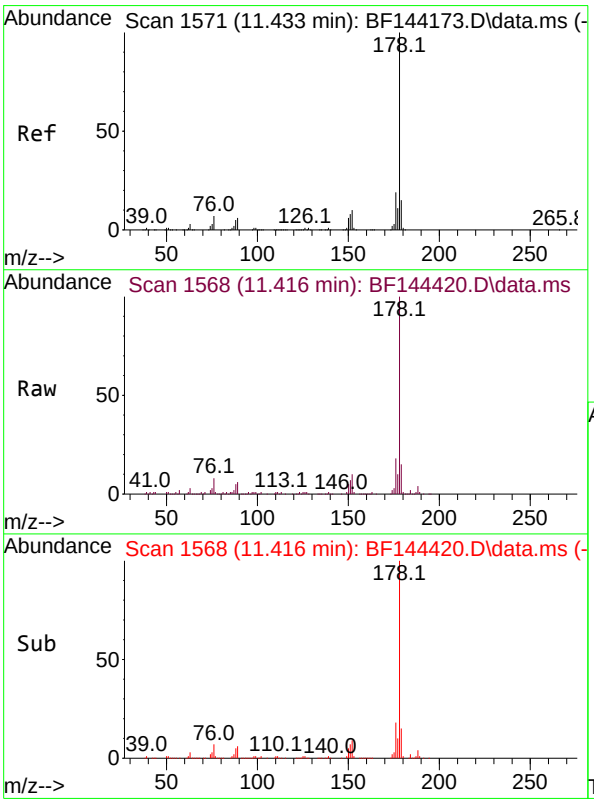
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

Tgt Ion:188 Resp: 275703

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.2
80	7.9	6.9	10.3

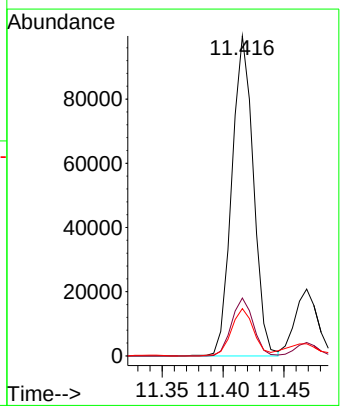


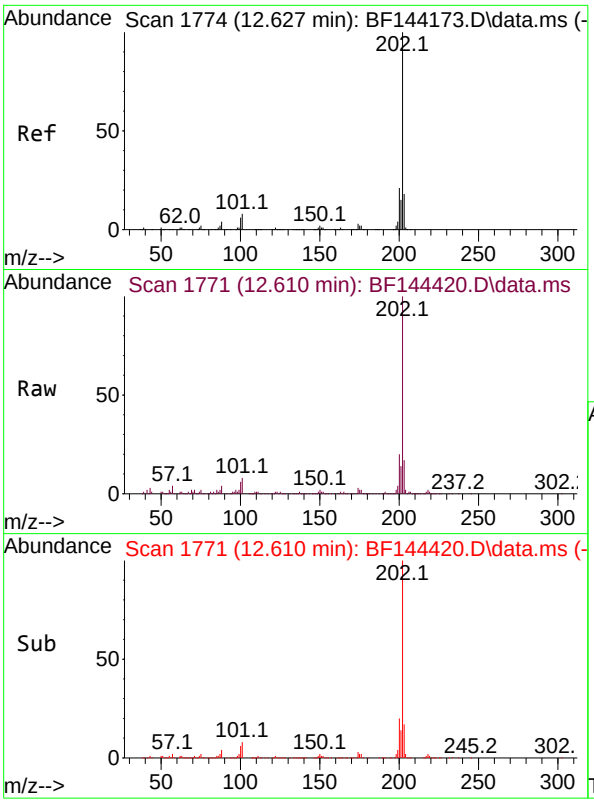


#71
Phenanthrene
Concen: 8.946 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Tgt Ion:178 Resp: 122795

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.5	23.3
179	14.8	12.2	18.4



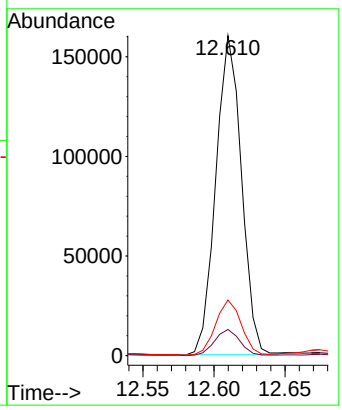


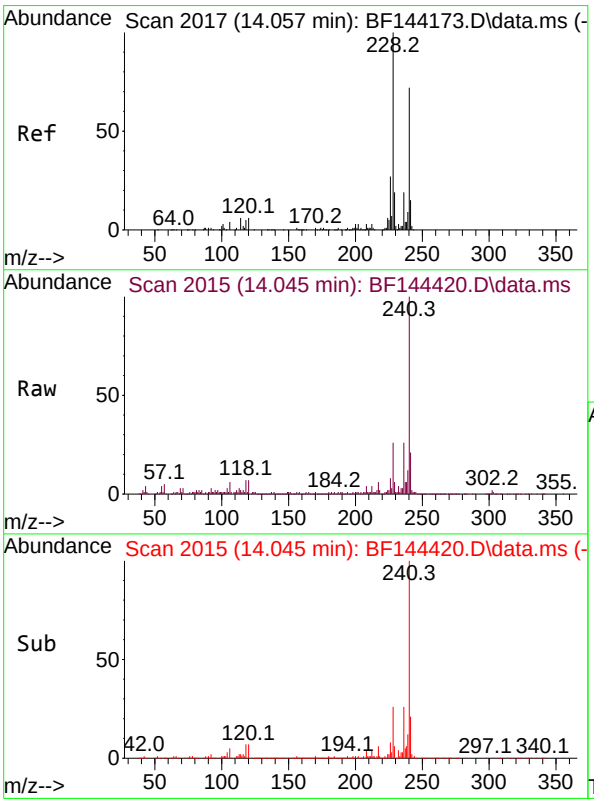
#75
Fluoranthene
Concen: 14.202 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

Tgt Ion:202 Resp: 201389

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	27.9
203	17.4	0.0	37.5

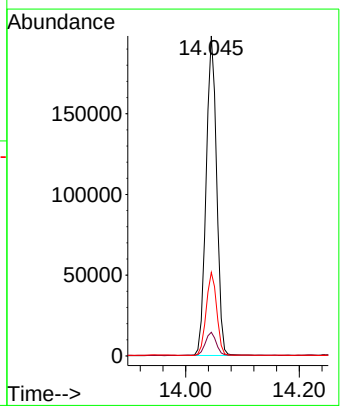


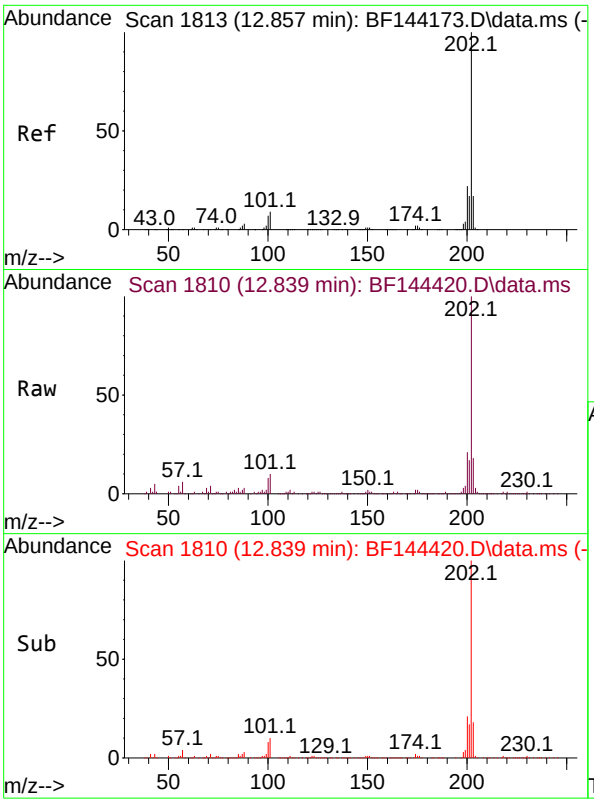


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Tgt Ion:240 Resp: 255767

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	26.1	21.4	32.2



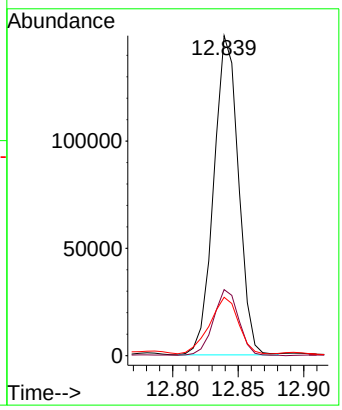


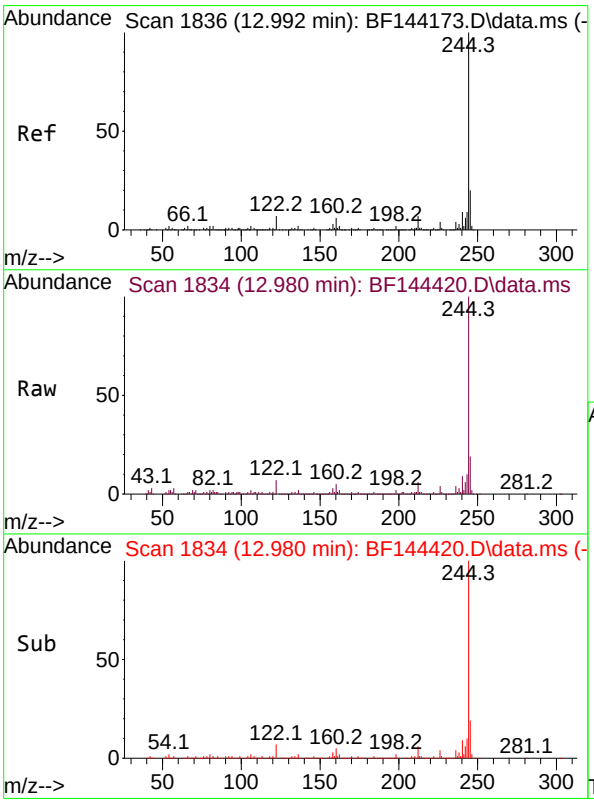
#78
Pyrene
Concen: 9.479 ng
RT: 12.839 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

Tgt Ion:202 Resp: 195470

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.2	25.8
203	18.2	13.7	20.5

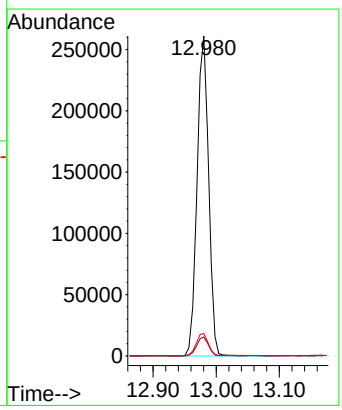


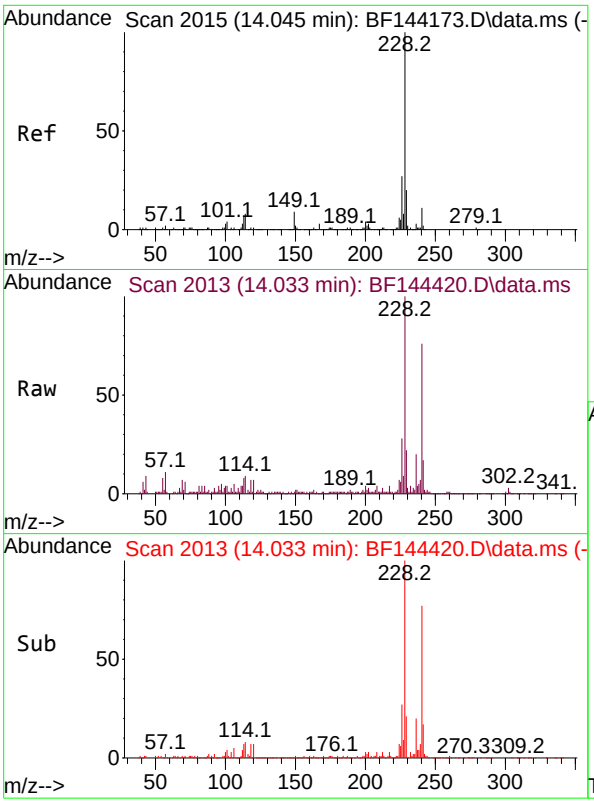


#79
Terphenyl-d14
Concen: 20.641 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Tgt Ion:244 Resp: 332358

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.3	7.9
122	7.0	5.6	8.4



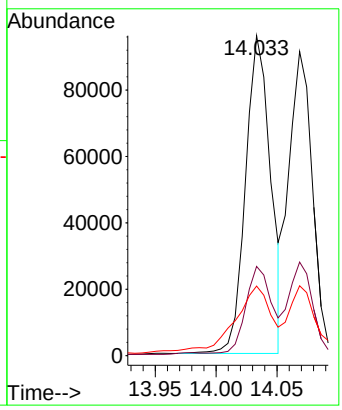


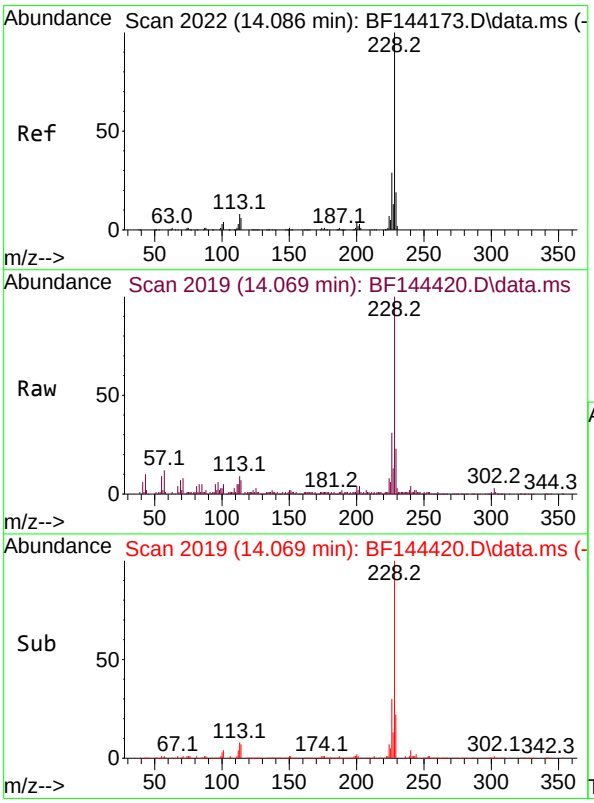
#81
Benzo(a)anthracene
Concen: 7.745 ng
RT: 14.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

Tgt Ion:228 Resp: 137286

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	21.7	15.8	23.6

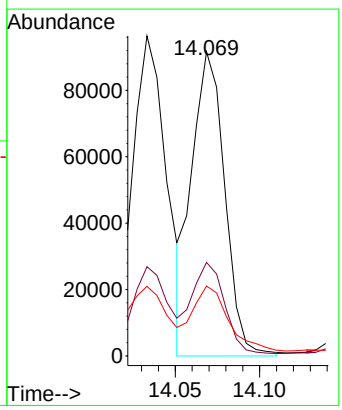


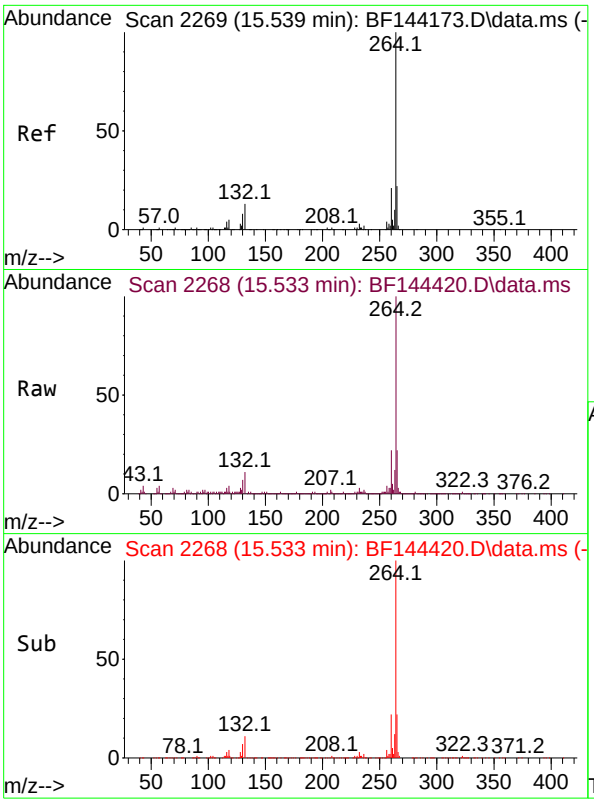


#83
Chrysene
Concen: 7.594 ng m
RT: 14.069 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Tgt Ion:228 Resp: 124267

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.9	34.3
229	23.0	15.0	22.6#



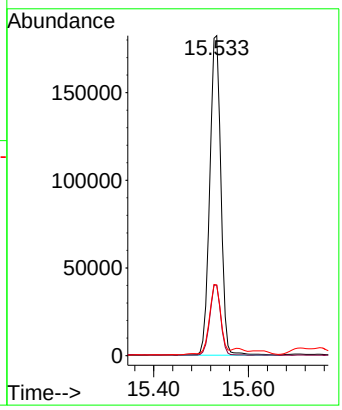


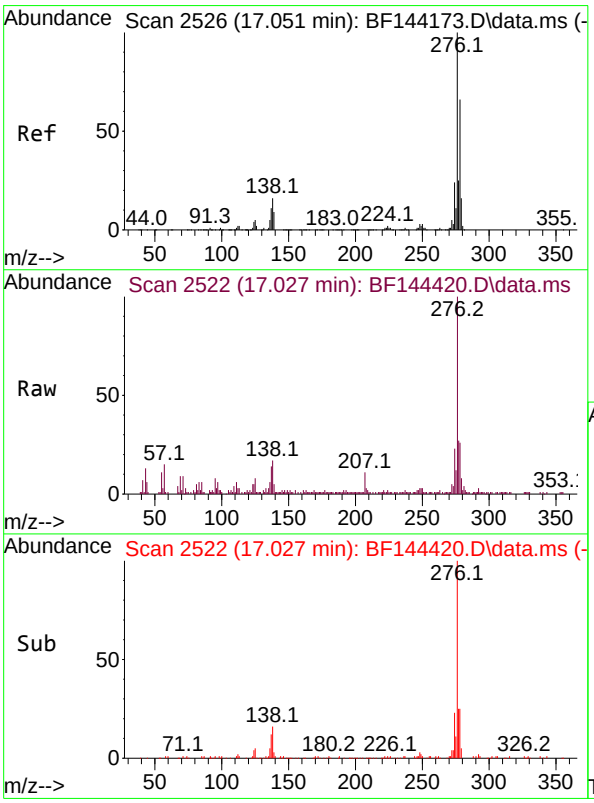
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

Tgt Ion:264 Resp: 296885

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.1	25.7
265	22.1	17.4	26.0

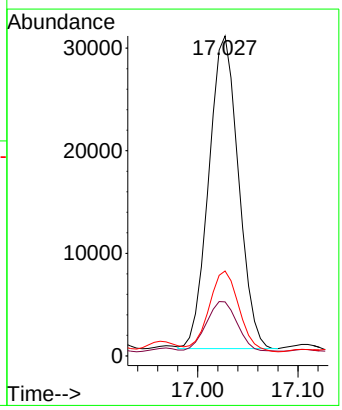


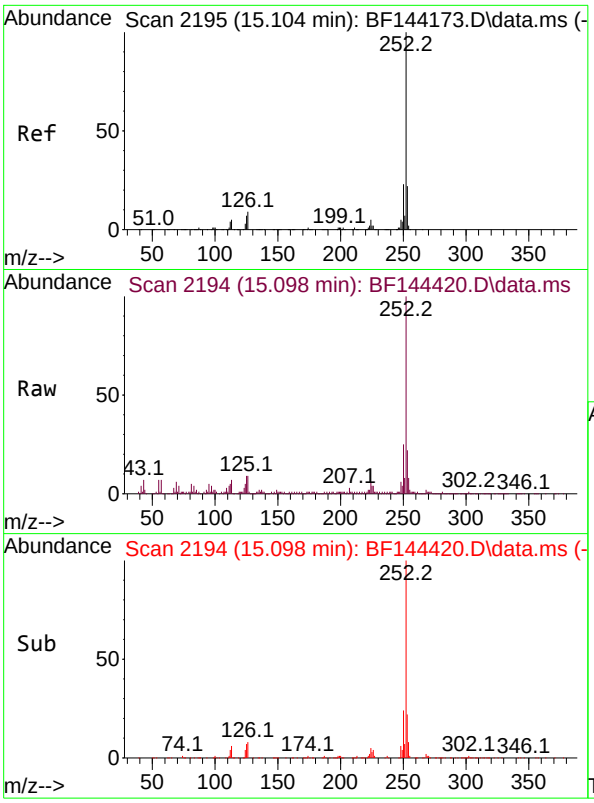


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.939 ng
RT: 17.027 min Scan# 2522
Delta R.T. -0.006 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Tgt Ion:276 Resp: 62628

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.9	20.9
277	26.4	19.8	29.6



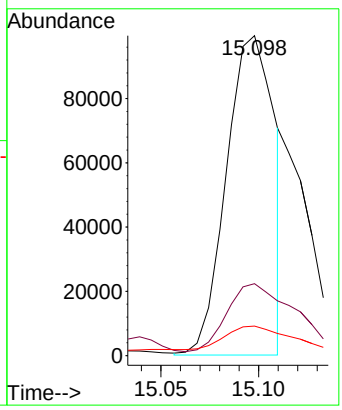


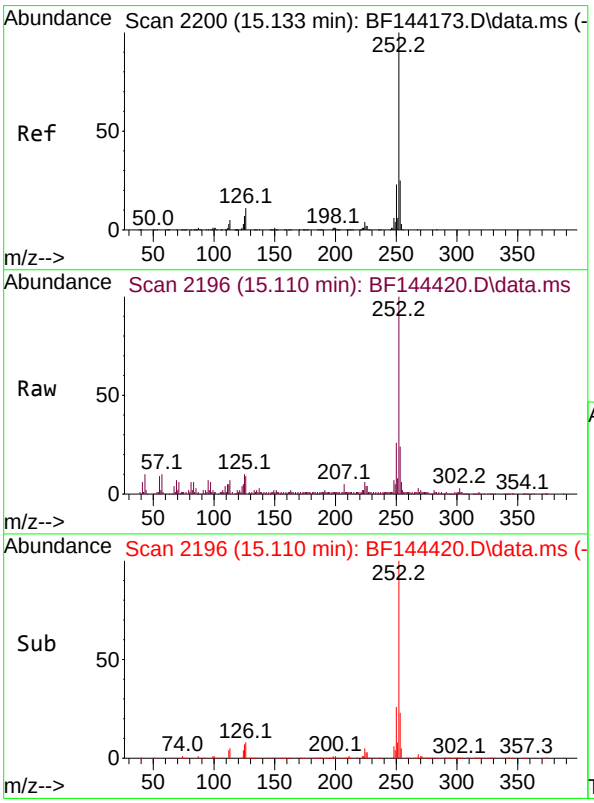
#88
Benzo(b)fluoranthene
Concen: 10.084 ng m
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

Tgt Ion:252 Resp: 170210

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	9.2	5.3	7.9#

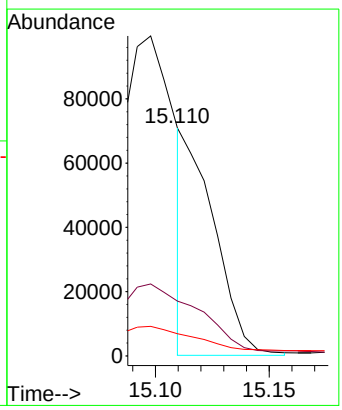


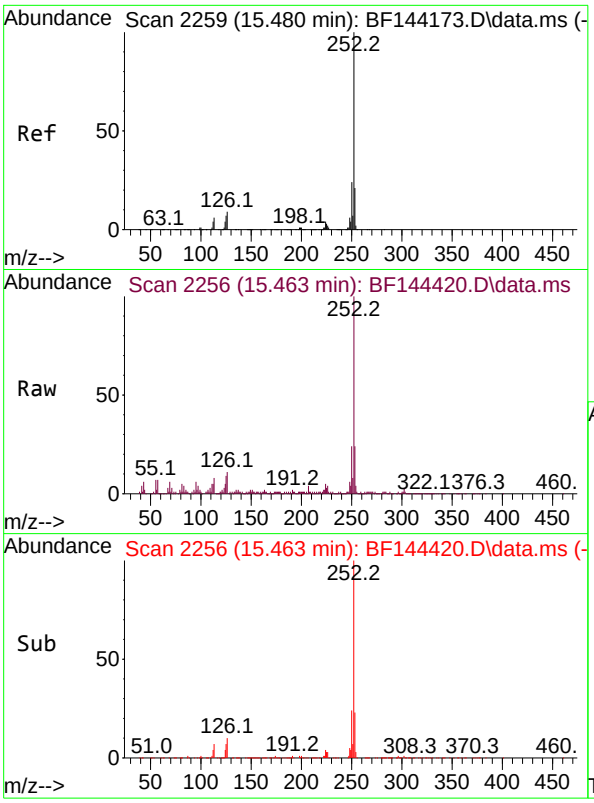


#89
Benzo(k)fluoranthene
Concen: 4.064 ng m
RT: 15.110 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Tgt Ion:252 Resp: 64199

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	9.7	5.4	8.2#



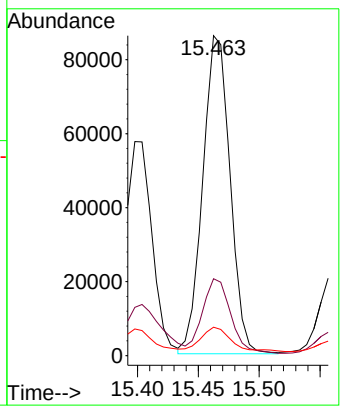


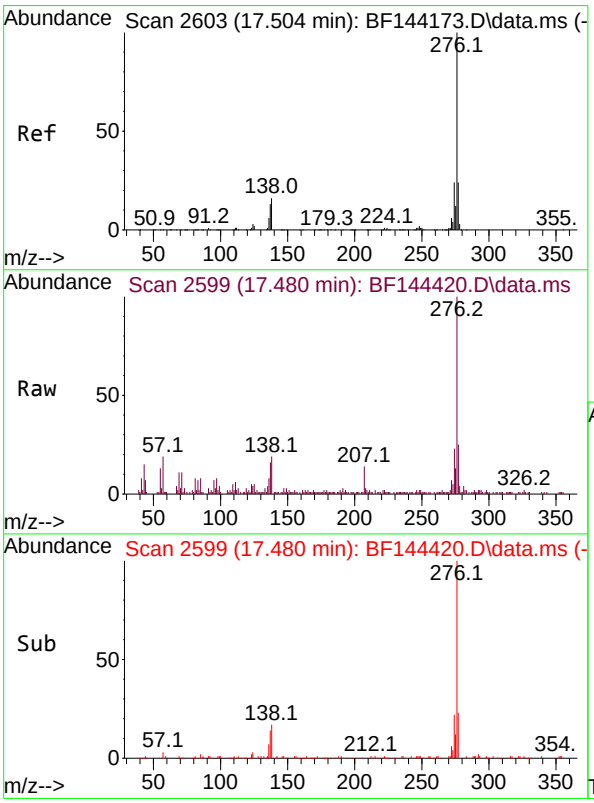
#90
Benzo(a)pyrene
Concen: 8.621 ng
RT: 15.463 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

Tgt Ion:252 Resp: 134237

Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.7	25.1
125	8.9	5.7	8.5#

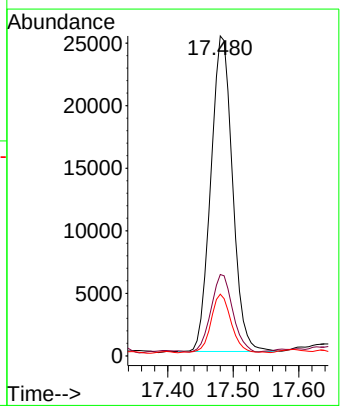




#92
Benzo(g,h,i)perylene
Concen: 3.437 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144420.D
Acq: 03 Dec 2025 15:36

Tgt Ion:276 Resp: 58093

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.0	28.4
138	19.3	12.9	19.3



Raw Data: **BF144417.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/20/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP14-112025	SDG No.:	Q3741
Lab Sample ID:	Q3741-03	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	87.3
Sample Wt/Vol:	30.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541 Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	380	ug/Kg	12/03/25 14:08	PB170797
108-95-2	Phenol	25.3	U	1	25.3	190	ug/Kg	12/03/25 14:08	PB170797
111-44-4	bis(2-Chloroethyl)ether	27.8	U	1	27.8	190	ug/Kg	12/03/25 14:08	PB170797
95-57-8	2-Chlorophenol	27.9	U	1	27.9	190	ug/Kg	12/03/25 14:08	PB170797
95-48-7	2-Methylphenol	34.2	U	1	34.2	190	ug/Kg	12/03/25 14:08	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	42.9	U	1	42.9	190	ug/Kg	12/03/25 14:08	PB170797
98-86-2	Acetophenone	33.7	U	1	33.7	190	ug/Kg	12/03/25 14:08	PB170797
65794-96-9	3+4-Methylphenols	47.0	U	1	47.0	380	ug/Kg	12/03/25 14:08	PB170797
621-64-7	n-Nitroso-di-n-propylamine	54.2	U	1	54.2	91.4	ug/Kg	12/03/25 14:08	PB170797
67-72-1	Hexachloroethane	20.1	U	1	20.1	190	ug/Kg	12/03/25 14:08	PB170797
98-95-3	Nitrobenzene	20.9	U	1	20.9	190	ug/Kg	12/03/25 14:08	PB170797
78-59-1	Isophorone	37.5	U	1	37.5	190	ug/Kg	12/03/25 14:08	PB170797
88-75-5	2-Nitrophenol	66.5	U	1	66.5	190	ug/Kg	12/03/25 14:08	PB170797
105-67-9	2,4-Dimethylphenol	74.1	U	1	74.1	190	ug/Kg	12/03/25 14:08	PB170797
111-91-1	bis(2-Chloroethoxy)methane	35.2	U	1	35.2	190	ug/Kg	12/03/25 14:08	PB170797
120-83-2	2,4-Dichlorophenol	32.3	U	1	32.3	190	ug/Kg	12/03/25 14:08	PB170797
91-20-3	Naphthalene	150	J	1	25.9	190	ug/Kg	12/03/25 14:08	PB170797
106-47-8	4-Chloroaniline	40.5	U	1	40.5	190	ug/Kg	12/03/25 14:08	PB170797
87-68-3	Hexachlorobutadiene	28.9	U	1	28.9	190	ug/Kg	12/03/25 14:08	PB170797
105-60-2	Caprolactam	59.5	UQ	1	59.5	380	ug/Kg	12/03/25 14:08	PB170797
59-50-7	4-Chloro-3-methylphenol	32.8	U	1	32.8	190	ug/Kg	12/03/25 14:08	PB170797
91-57-6	2-Methylnaphthalene	95.8	J	1	29.3	190	ug/Kg	12/03/25 14:08	PB170797
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	380	ug/Kg	12/03/25 14:08	PB170797
88-06-2	2,4,6-Trichlorophenol	22.6	U	1	22.6	190	ug/Kg	12/03/25 14:08	PB170797
95-95-4	2,4,5-Trichlorophenol	33.3	U	1	33.3	190	ug/Kg	12/03/25 14:08	PB170797
92-52-4	1,1-Biphenyl	24.9	U	1	24.9	190	ug/Kg	12/03/25 14:08	PB170797
91-58-7	2-Chloronaphthalene	25.7	U	1	25.7	190	ug/Kg	12/03/25 14:08	PB170797
88-74-4	2-Nitroaniline	55.0	U	1	55.0	190	ug/Kg	12/03/25 14:08	PB170797
131-11-3	Dimethylphthalate	31.0	U	1	31.0	190	ug/Kg	12/03/25 14:08	PB170797
208-96-8	Acenaphthylene	100	J	1	33.0	190	ug/Kg	12/03/25 14:08	PB170797
606-20-2	2,6-Dinitrotoluene	38.4	U	1	38.4	190	ug/Kg	12/03/25 14:08	PB170797
99-09-2	3-Nitroaniline	52.6	U	1	52.6	190	ug/Kg	12/03/25 14:08	PB170797
83-32-9	Acenaphthene	120	J	1	24.3	190	ug/Kg	12/03/25 14:08	PB170797
51-28-5	2,4-Dinitrophenol	260	U	1	260	380	ug/Kg	12/03/25 14:08	PB170797
100-02-7	4-Nitrophenol	120	U	1	120	380	ug/Kg	12/03/25 14:08	PB170797
132-64-9	Dibenzofuran	120	J	1	25.9	190	ug/Kg	12/03/25 14:08	PB170797
121-14-2	2,4-Dinitrotoluene	57.3	UQ	1	57.3	190	ug/Kg	12/03/25 14:08	PB170797
84-66-2	Diethylphthalate	32.3	U	1	32.3	190	ug/Kg	12/03/25 14:08	PB170797
7005-72-3	4-Chlorophenyl-phenylether	30.5	U	1	30.5	190	ug/Kg	12/03/25 14:08	PB170797
86-73-7	Fluorene	120	J	1	28.9	190	ug/Kg	12/03/25 14:08	PB170797
100-01-6	4-Nitroaniline	73.4	U	1	73.4	190	ug/Kg	12/03/25 14:08	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	380	ug/Kg	12/03/25 14:08	PB170797

Raw Data: **BF144417.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	11/20/25
Project:	Building 50 Probe Investigation			Date Received:	11/26/25
Client Sample ID:	B50-SP14-112025			SDG No.:	Q3741
Lab Sample ID:	Q3741-03			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	87.3
Sample Wt/Vol:	30.07 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date:	12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	37.6	U	1	37.6	190	ug/Kg	12/03/25 14:08	PB170797
101-55-3	4-Bromophenyl-phenylether	31.8	U	1	31.8	190	ug/Kg	12/03/25 14:08	PB170797
118-74-1	Hexachlorobenzene	28.9	U	1	28.9	190	ug/Kg	12/03/25 14:08	PB170797
1912-24-9	Atrazine	38.9	U	1	38.9	190	ug/Kg	12/03/25 14:08	PB170797
87-86-5	Pentachlorophenol	58.6	U	1	58.6	380	ug/Kg	12/03/25 14:08	PB170797
85-01-8	Phenanthrene	1300		1	23.9	190	ug/Kg	12/03/25 14:08	PB170797
120-12-7	Anthracene	370		1	38.1	190	ug/Kg	12/03/25 14:08	PB170797
86-74-8	Carbazole	170	J	1	35.7	190	ug/Kg	12/03/25 14:08	PB170797
84-74-2	Di-n-butylphthalate	54.7	U	1	54.7	190	ug/Kg	12/03/25 14:08	PB170797
206-44-0	Fluoranthene	1600		1	34.3	190	ug/Kg	12/03/25 14:08	PB170797
129-00-0	Pyrene	1400		1	41.1	190	ug/Kg	12/03/25 14:08	PB170797
85-68-7	Butylbenzylphthalate	81.6	U	1	81.6	190	ug/Kg	12/03/25 14:08	PB170797
91-94-1	3,3-Dichlorobenzidine	41.9	U	1	41.9	380	ug/Kg	12/03/25 14:08	PB170797
56-55-3	Benzo(a)anthracene	1300		1	26.3	190	ug/Kg	12/03/25 14:08	PB170797
218-01-9	Chrysene	1300		1	22.7	190	ug/Kg	12/03/25 14:08	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	1	67.7	190	ug/Kg	12/03/25 14:08	PB170797
117-84-0	Di-n-octyl phthalate	99.2	U	1	99.2	380	ug/Kg	12/03/25 14:08	PB170797
205-99-2	Benzo(b)fluoranthene	1700		1	21.7	190	ug/Kg	12/03/25 14:08	PB170797
207-08-9	Benzo(k)fluoranthene	620		1	25.6	190	ug/Kg	12/03/25 14:08	PB170797
50-32-8	Benzo(a)pyrene	1600		1	33.7	190	ug/Kg	12/03/25 14:08	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	670		1	33.3	190	ug/Kg	12/03/25 14:08	PB170797
53-70-3	Dibenzo(a,h)anthracene	240		1	31.3	190	ug/Kg	12/03/25 14:08	PB170797
191-24-2	Benzo(g,h,i)perylene	790		1	29.4	190	ug/Kg	12/03/25 14:08	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	29.3	U	1	29.3	190	ug/Kg	12/03/25 14:08	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	31.3	U	1	31.3	190	ug/Kg	12/03/25 14:08	PB170797
SURROGATES									
367-12-4	2-Fluorophenol	52.4			10 - 105	35%	SPK: 150		
13127-88-3	Phenol-d6	70.7			10 - 103	47%	SPK: 150		
4165-60-0	Nitrobenzene-d5	48.7			10 - 108	49%	SPK: 100		
321-60-8	2-Fluorobiphenyl	51.4			10 - 108	51%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	31.9			10 - 116	21%	SPK: 150		
1718-51-0	Terphenyl-d14	44.4			10 - 109	44%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	52500							
1146-65-2	Naphthalene-d8	194000							
15067-26-2	Acenaphthene-d10	104000							
1517-22-2	Phenanthrene-d10	161000							
1719-03-5	Chrysene-d12	123000							
1520-96-3	Perylene-d12	158000							

Raw Data: **BF144417.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	11/20/25
Project:	Building 50 Probe Investigation			Date Received:	11/26/25
Client Sample ID:	B50-SP14-112025			SDG No.:	Q3741
Lab Sample ID:	Q3741-03			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	87.3
Sample Wt/Vol:	30.07 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date:	12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144417.D
Acq On : 03 Dec 2025 14:08
Operator : RC/JU
Sample : Q3741-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Quant Time: Dec 03 14:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

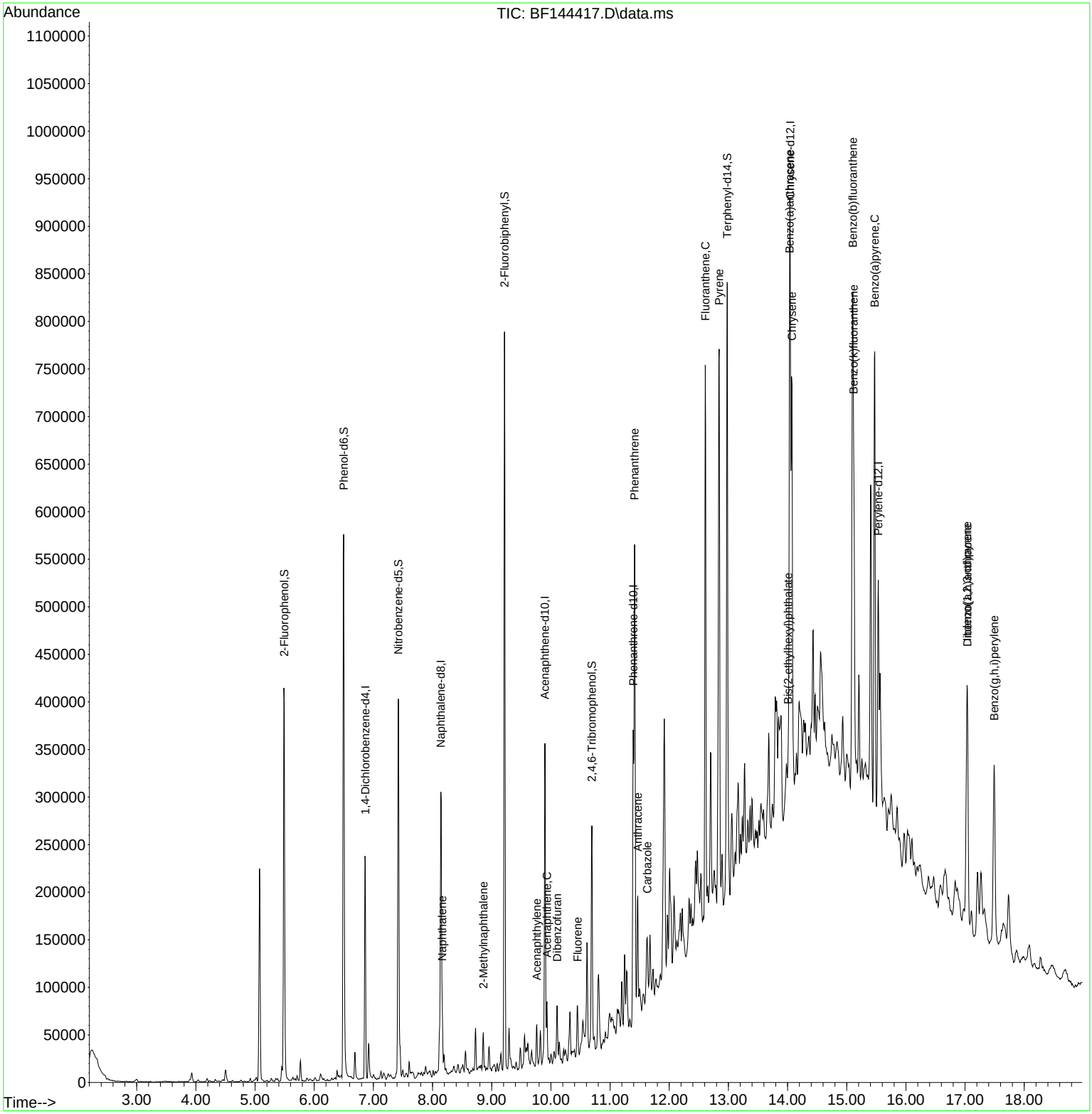
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	52469	20.000	ng		-0.01
21) Naphthalene-d8	8.140	136	193698	20.000	ng		-0.02
39) Acenaphthene-d10	9.898	164	103555	20.000	ng		-0.02
64) Phenanthrene-d10	11.392	188	160944	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	122787	20.000	ng		0.00
86) Perylene-d12	15.533	264	158132	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	175856	52.449	ng		0.00
7) Phenol-d6	6.498	99	268572	70.693	ng		0.00
23) Nitrobenzene-d5	7.422	82	163415	48.726	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	41445	31.893	ng		-0.01
45) 2-Fluorobiphenyl	9.216	172	360512	51.417	ng		-0.01
79) Terphenyl-d14	12.980	244	342879	44.356	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.163	128	35972	3.904	ng		100
37) 2-Methylnaphthalene	8.857	142	15494	2.515	ng		100
49) Acenaphthylene	9.763	152	22786	2.712	ng		96
52) Acenaphthene	9.934	154	17820	3.171	ng		92
55) Dibenzofuran	10.104	168	24558	3.121	ng	#	96
58) Fluorene	10.451	166	18079	3.022	ng	#	96
71) Phenanthrene	11.416	178	271887	33.930	ng		99
72) Anthracene	11.469	178	78986	9.694	ng		99
73) Carbazole	11.628	167	30373	4.384	ng		99
75) Fluoranthene	12.610	202	348383	42.087	ng		99
78) Pyrene	12.845	202	365877	36.957	ng		98
81) Benzo(a)anthracene	14.033	228	292970	34.426	ng		94
83) Chrysene	14.074	228	269665	34.326	ng		95
84) Bis(2-ethylhexyl)phtha...	14.010	149	13762	2.930	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.033	276	199577	17.582	ng		100
88) Benzo(b)fluoranthene	15.104	252	407914m	45.374	ng		
89) Benzo(k)fluoranthene	15.116	252	137441m	16.333	ng		
90) Benzo(a)pyrene	15.474	252	342940	41.349	ng		95
91) Dibenzo(a,h)anthracene	17.039	278	58121	6.375	ng	#	85
92) Benzo(g,h,i)perylene	17.492	276	186335	20.698	ng		100

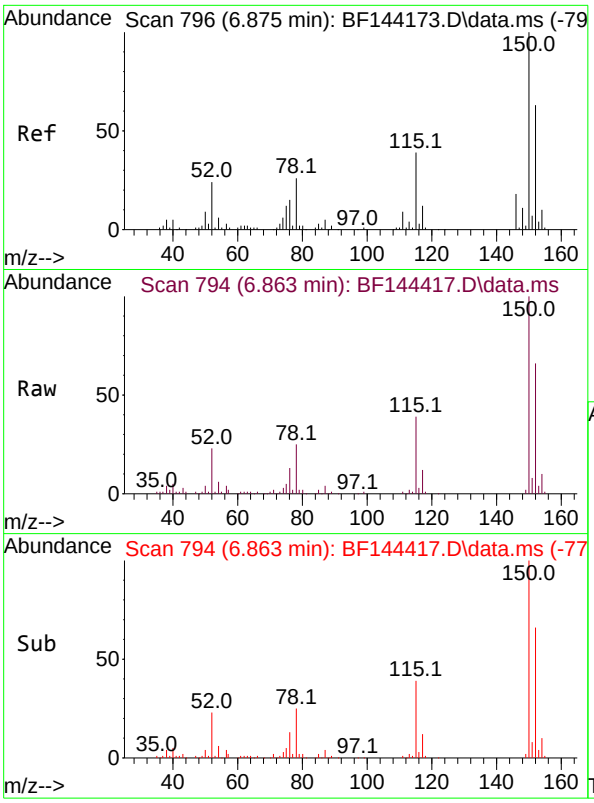
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144417.D
Acq On : 03 Dec 2025 14:08
Operator : RC/JU
Sample : Q3741-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Quant Time: Dec 03 14:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



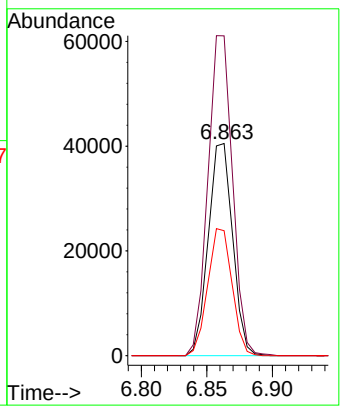


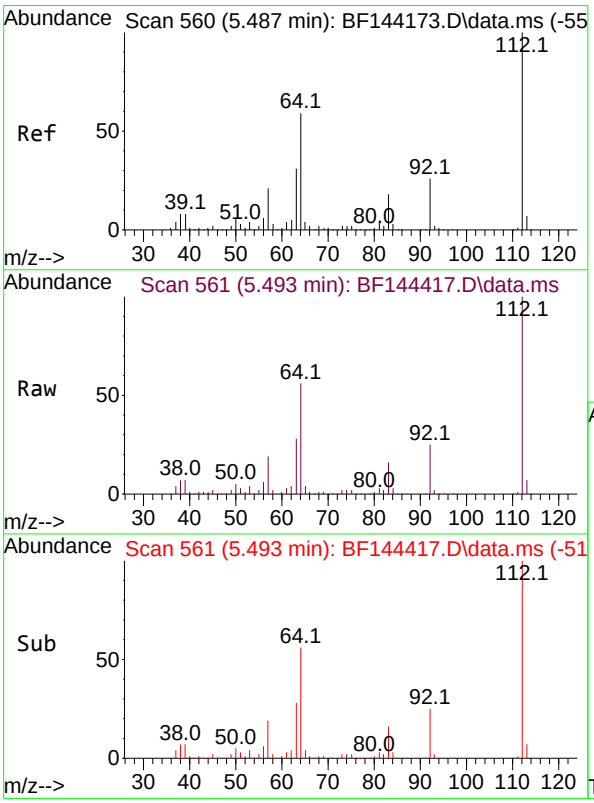
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Tgt Ion:152 Resp: 52469

Ion	Ratio	Lower	Upper
152	100		
150	150.8	127.4	191.0
115	58.9	49.5	74.3

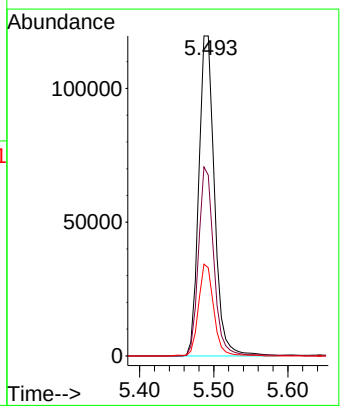


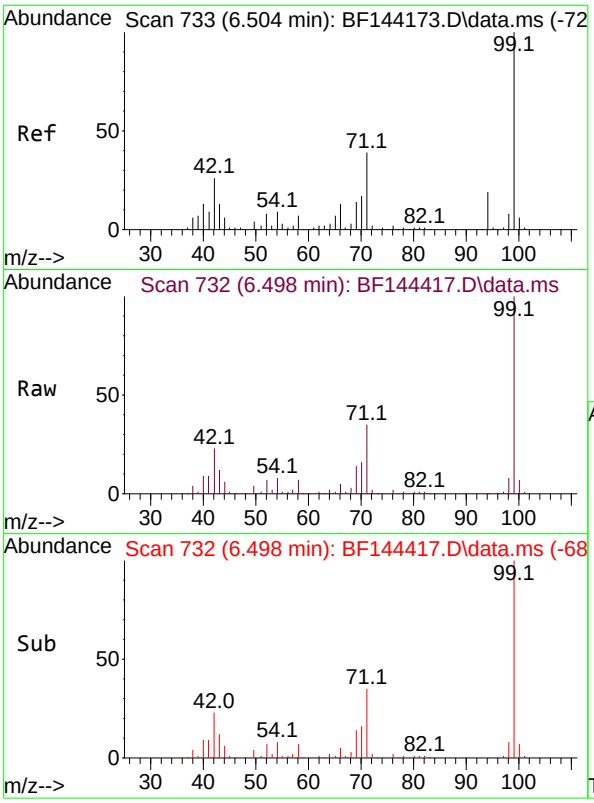


#5
2-Fluorophenol
Concen: 52.449 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Tgt Ion:112 Resp: 175856

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.2	70.8
63	27.5	24.4	36.6



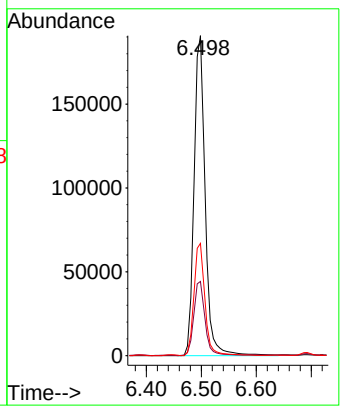


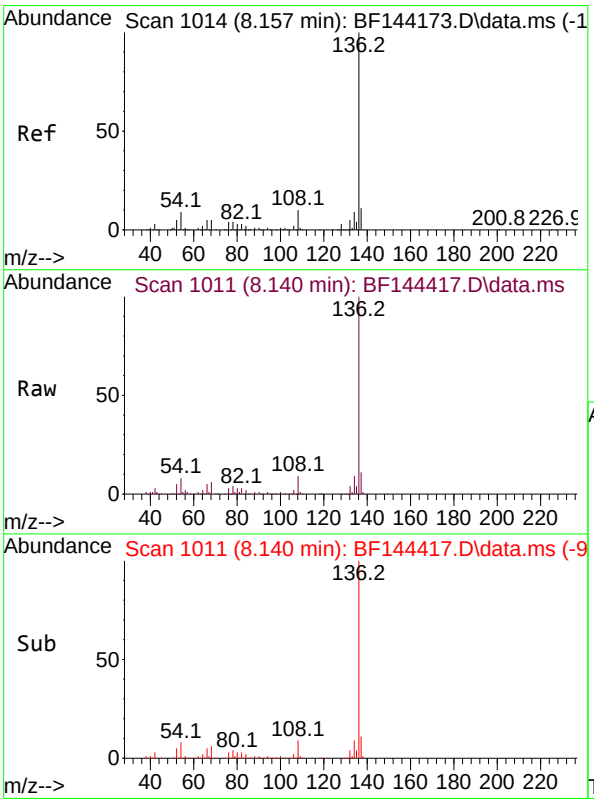
#7
Phenol-d6
Concen: 70.693 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Tgt Ion: 99 Resp: 268572

Ion	Ratio	Lower	Upper
99	100		
42	23.2	20.9	31.3
71	35.1	31.4	47.2

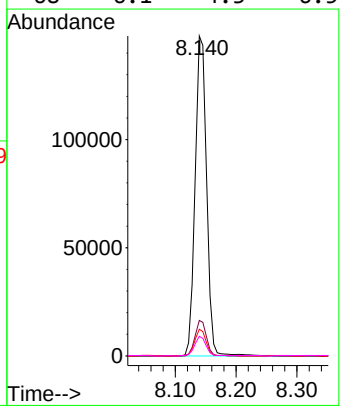


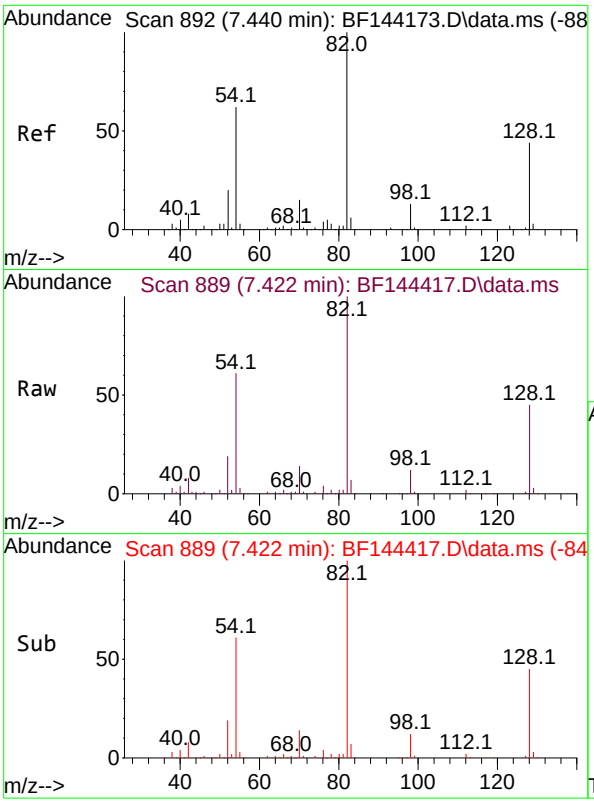


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Tgt Ion:136 Resp: 193698

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.3	7.0	10.6
68	6.1	4.3	6.5



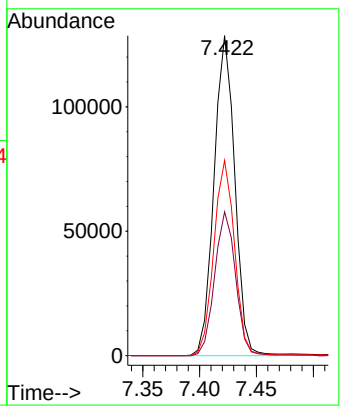


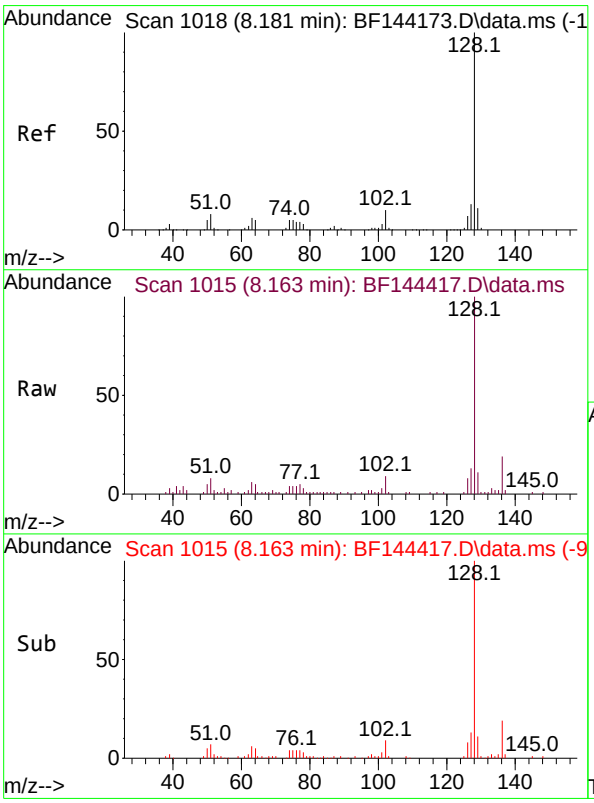
#23
Nitrobenzene-d5
Concen: 48.726 ng
RT: 7.422 min Scan# 88
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Tgt Ion: 82 Resp: 163415

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.7	52.1
54	61.0	49.5	74.3

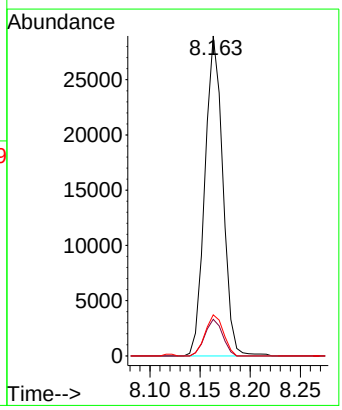


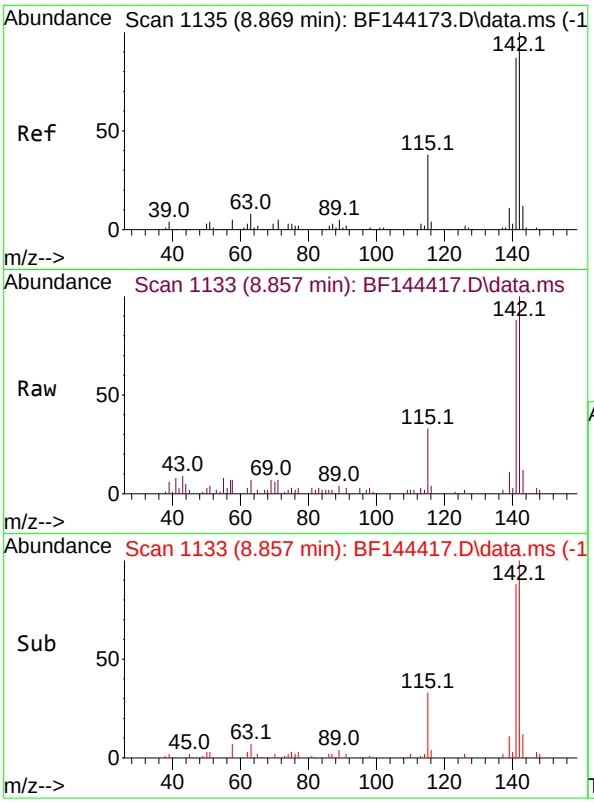


#31
Naphthalene
Concen: 3.904 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Tgt Ion:128 Resp: 35972

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	12.8	10.3	15.5



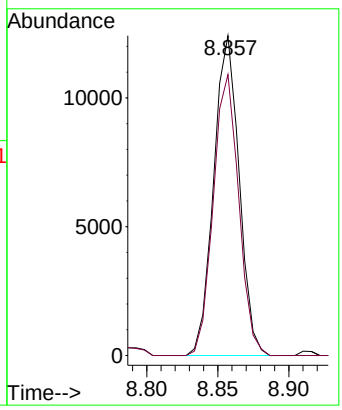


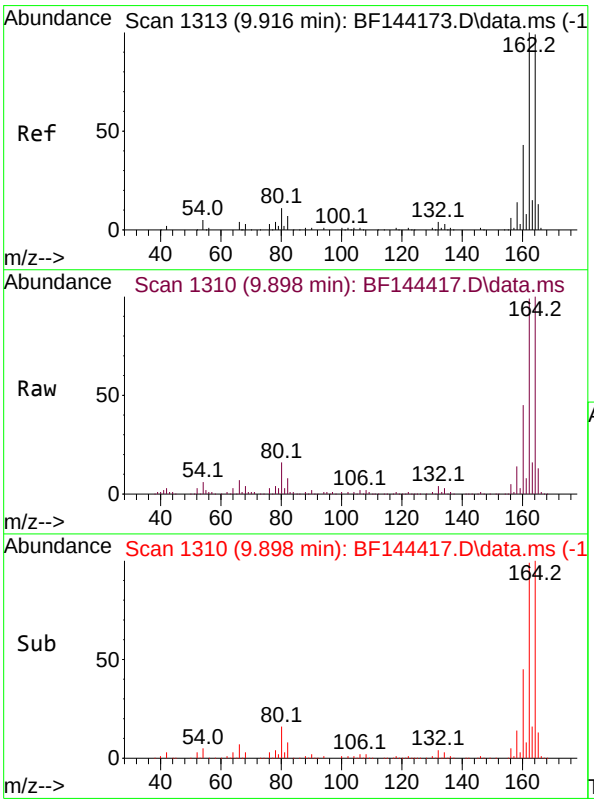
#37
2-Methylnaphthalene
Concen: 2.515 ng
RT: 8.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Tgt Ion:142 Resp: 15494

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.9	104.9

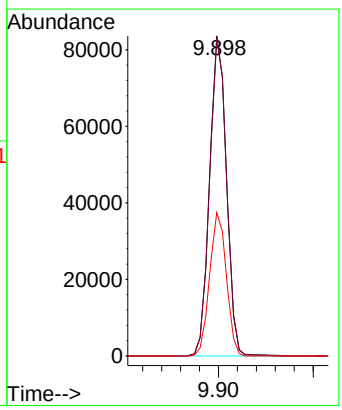


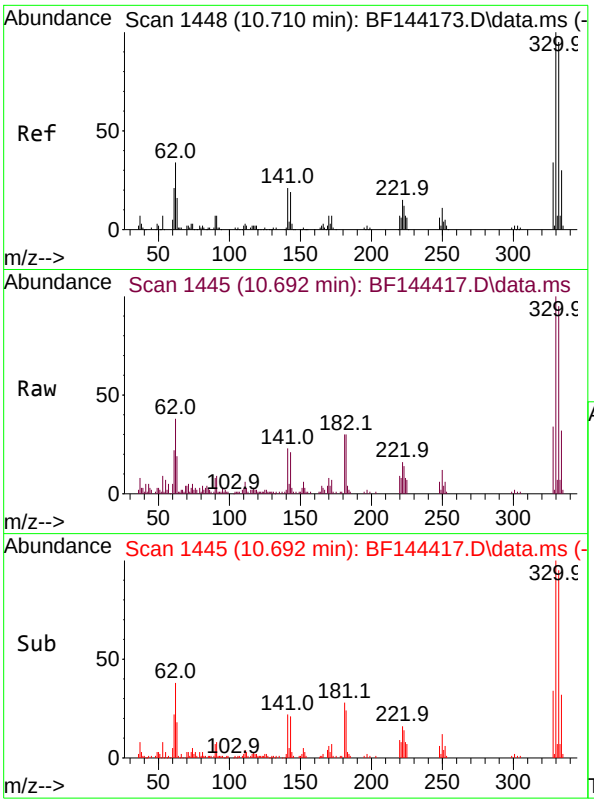


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Tgt Ion:164 Resp: 103555

Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.1	121.7
160	44.8	34.5	51.7



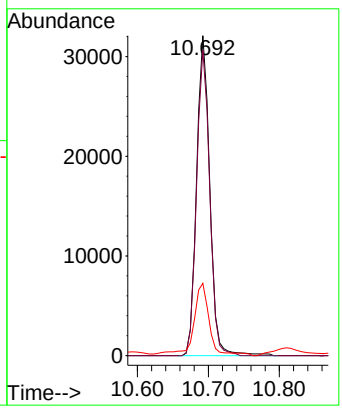


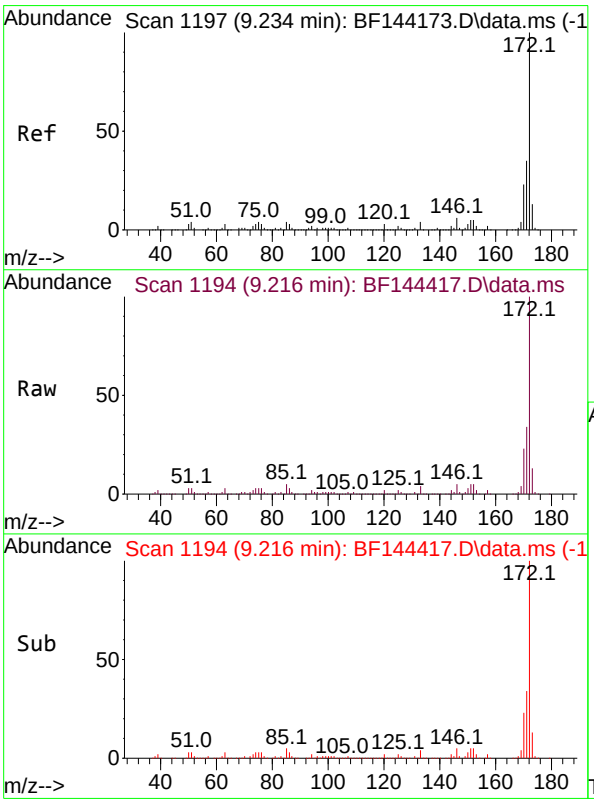
#42
2,4,6-Tribromophenol
Concen: 31.893 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Tgt Ion:330 Resp: 41445

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.7	115.1
141	27.0	17.8	26.8#

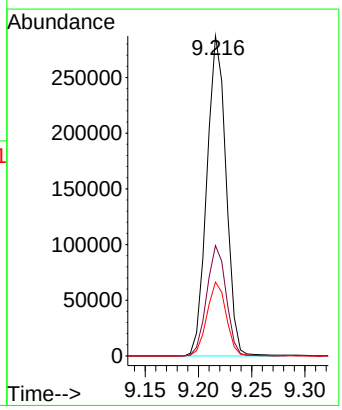


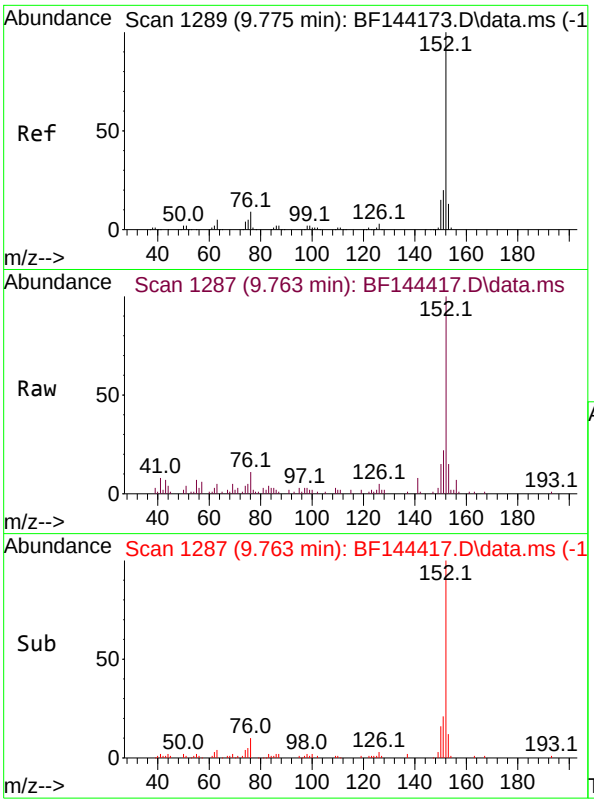


#45
2-Fluorobiphenyl
Concen: 51.417 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Tgt Ion:172 Resp: 360512

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.1	42.1
170	23.1	18.6	28.0



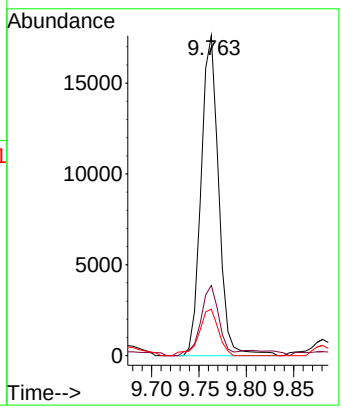


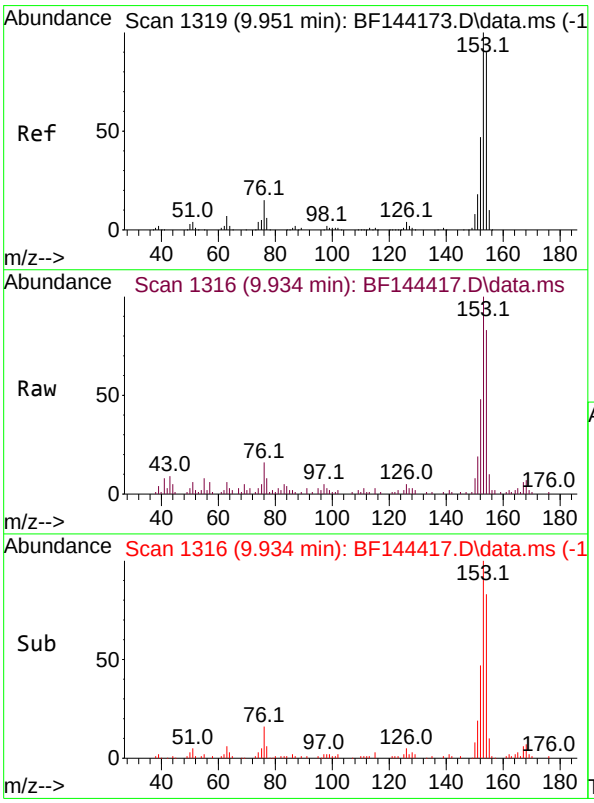
#49
Acenaphthylene
Concen: 2.712 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Tgt Ion:152 Resp: 22786

Ion	Ratio	Lower	Upper
152	100		
151	21.9	15.9	23.9
153	14.5	10.5	15.7

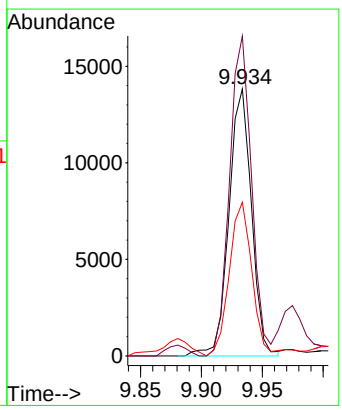


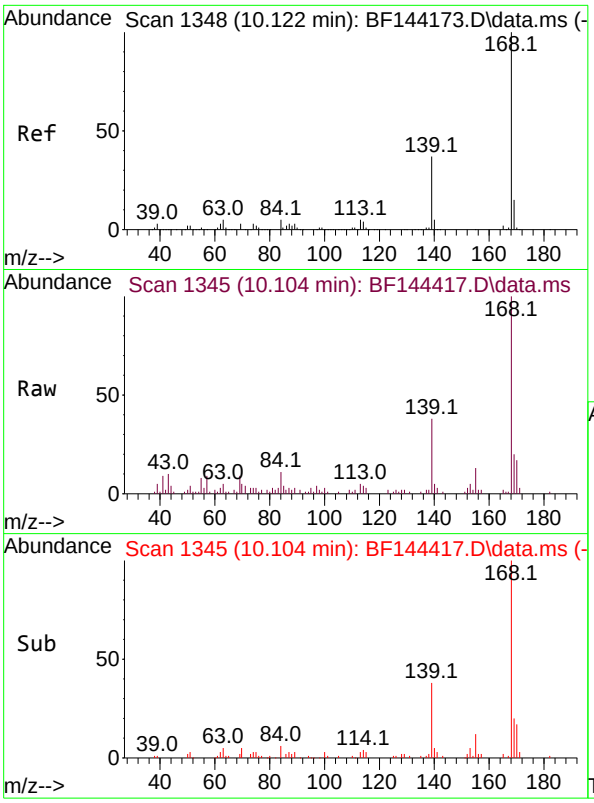


#52
Acenaphthene
Concen: 3.171 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Tgt Ion:154 Resp: 17820

Ion	Ratio	Lower	Upper
154	100		
153	119.9	89.0	133.4
152	57.5	42.2	63.4



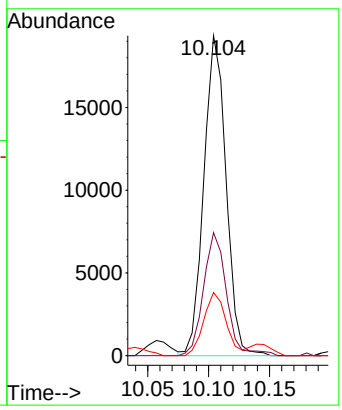


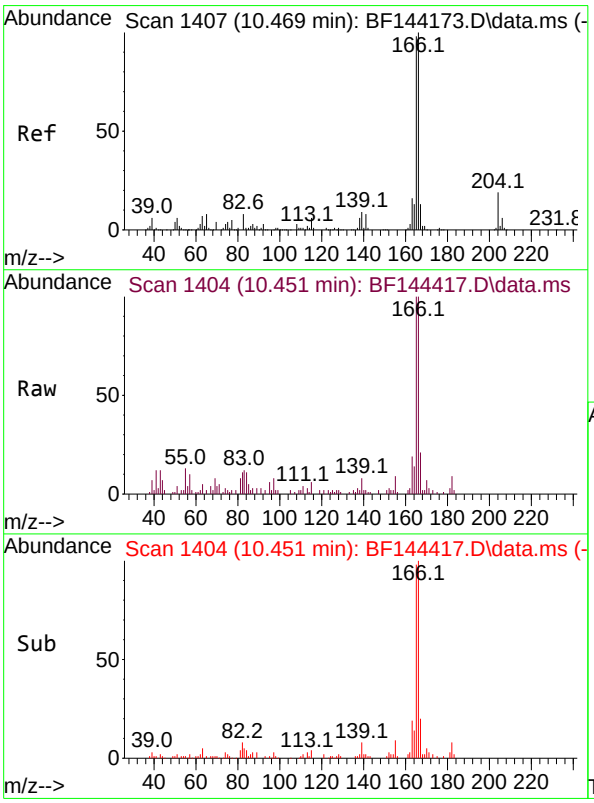
#55
Dibenzofuran
Concen: 3.121 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Tgt Ion:168 Resp: 24558

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.2	45.2
169	19.7	12.2	18.4#

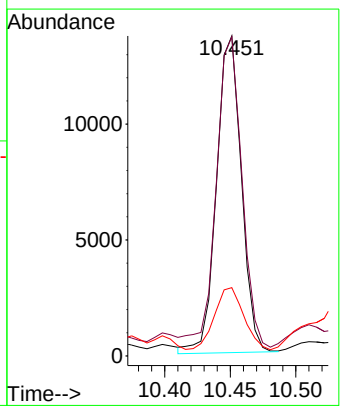


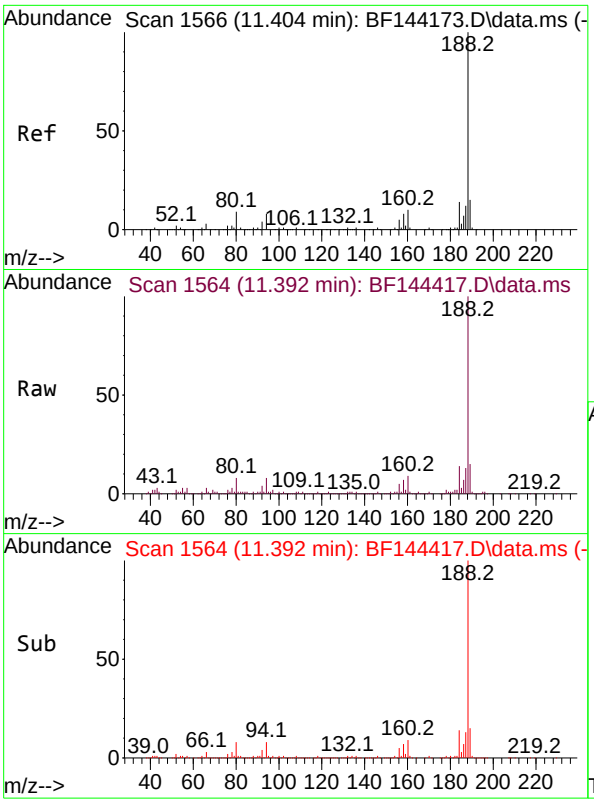


#58
Fluorene
Concen: 3.022 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Tgt Ion:166 Resp: 18079

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.6	118.0
167	21.3	10.4	15.6#



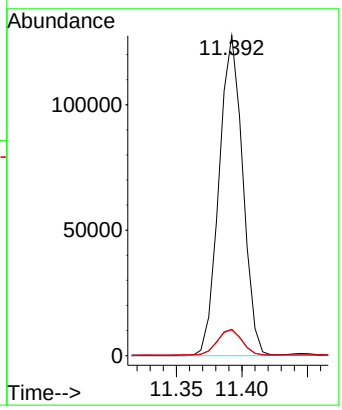


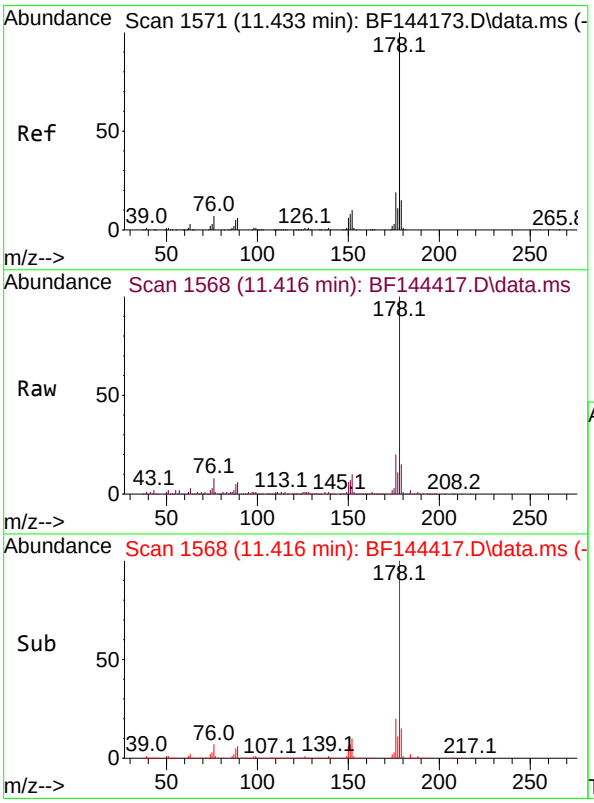
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Tgt Ion:188 Resp: 160944

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.2	9.2
80	8.0	6.9	10.3

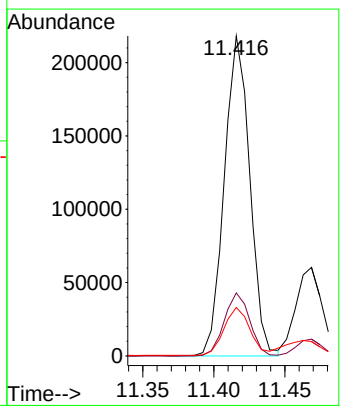


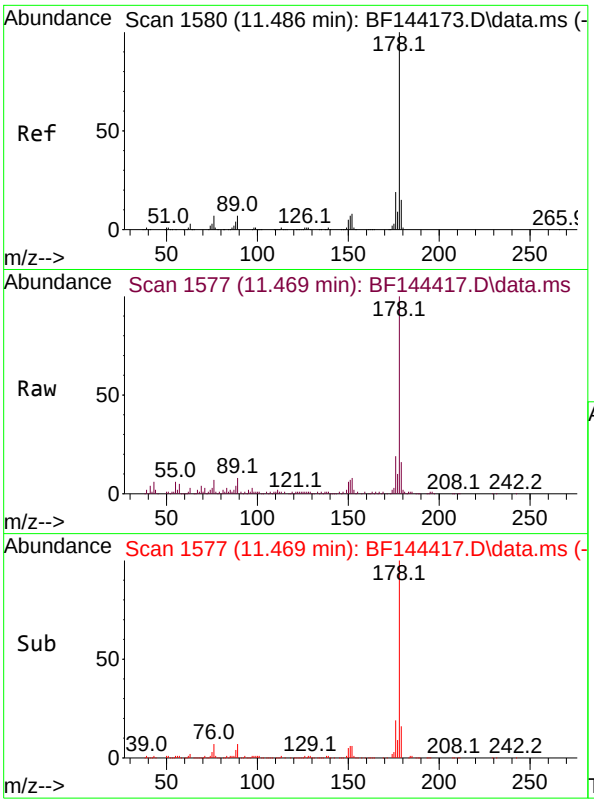


#71
Phenanthrene
Concen: 33.930 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Tgt Ion:178 Resp: 271887

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.1	12.2	18.4



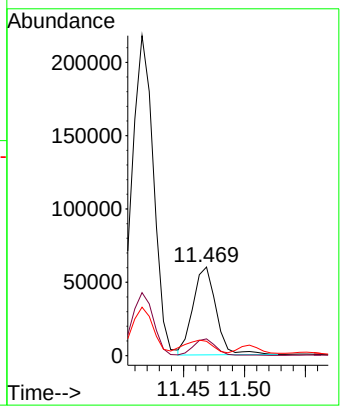


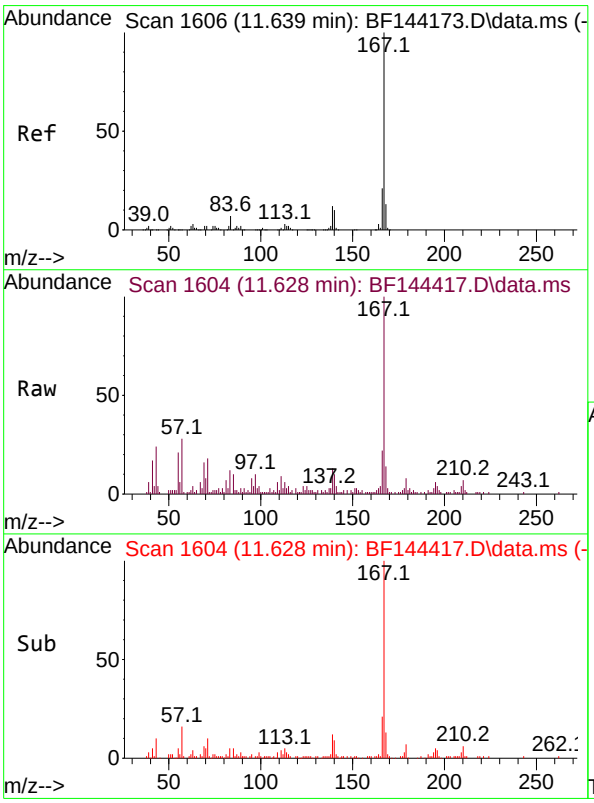
#72
Anthracene
Concen: 9.694 ng
RT: 11.469 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Tgt Ion:178 Resp: 78986

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	16.1	12.0	18.0

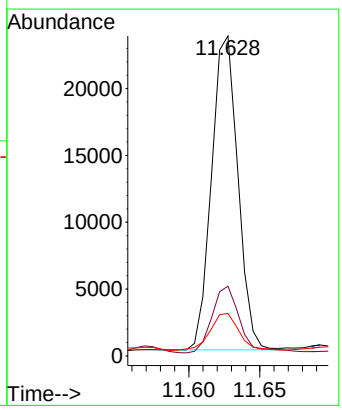


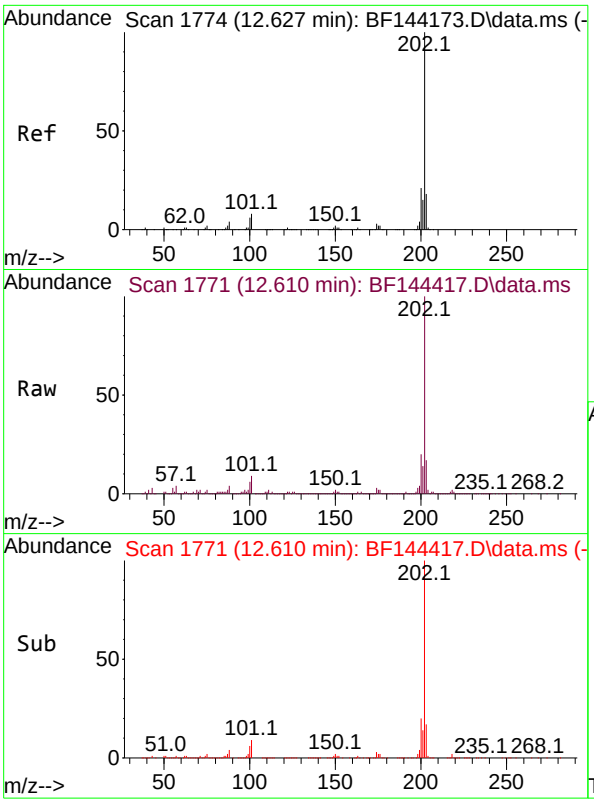


#73
Carbazole
Concen: 4.384 ng
RT: 11.628 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Tgt Ion:167 Resp: 30373

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.3	9.9	14.9



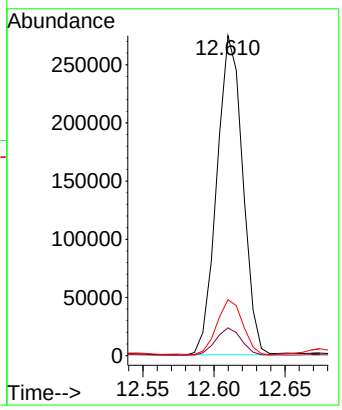


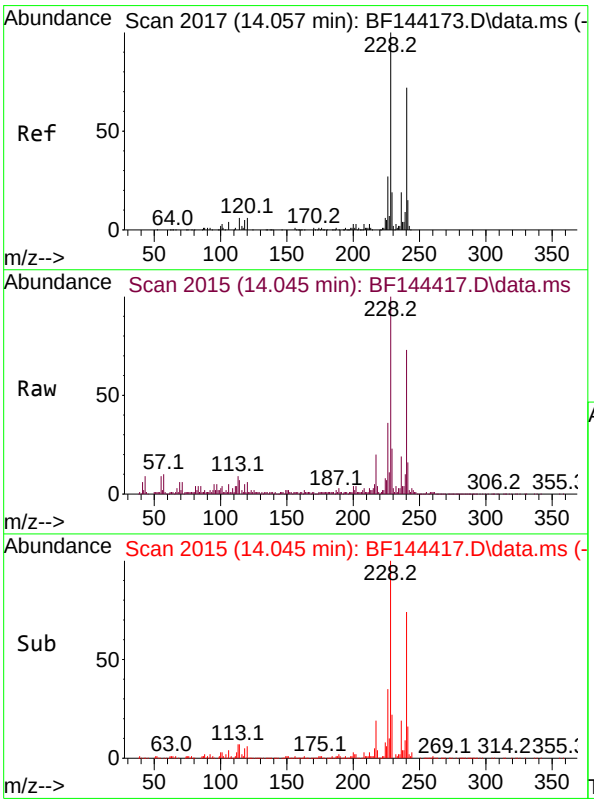
#75
Fluoranthene
Concen: 42.087 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Tgt Ion:202 Resp: 348383

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	27.9
203	17.5	0.0	37.5

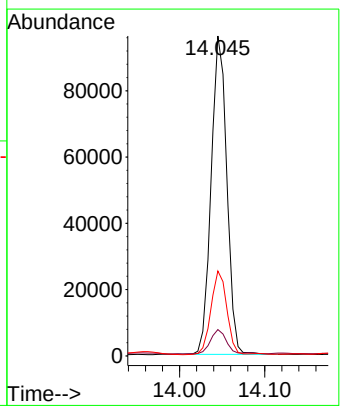


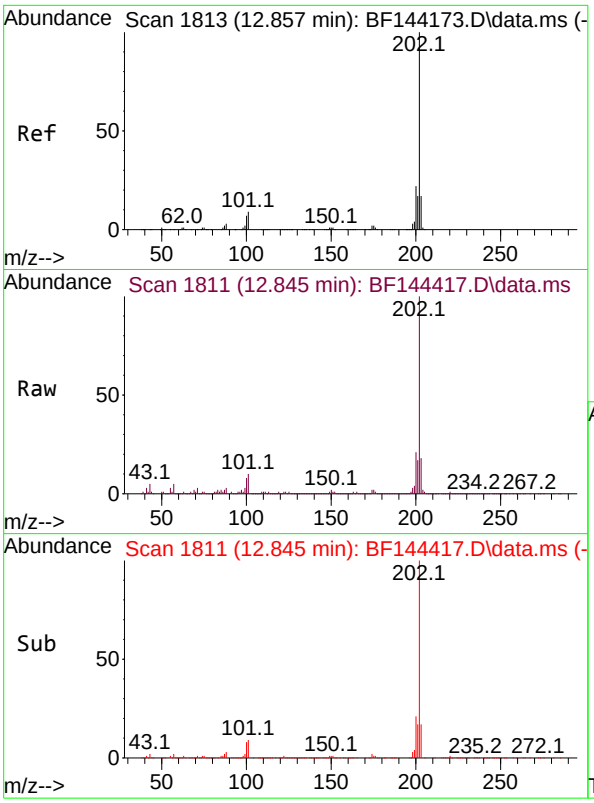


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Tgt Ion:240 Resp: 122787

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.6	10.0
236	26.5	21.4	32.2



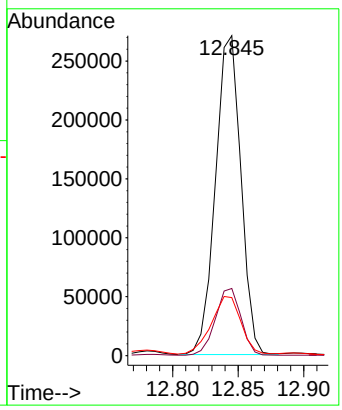


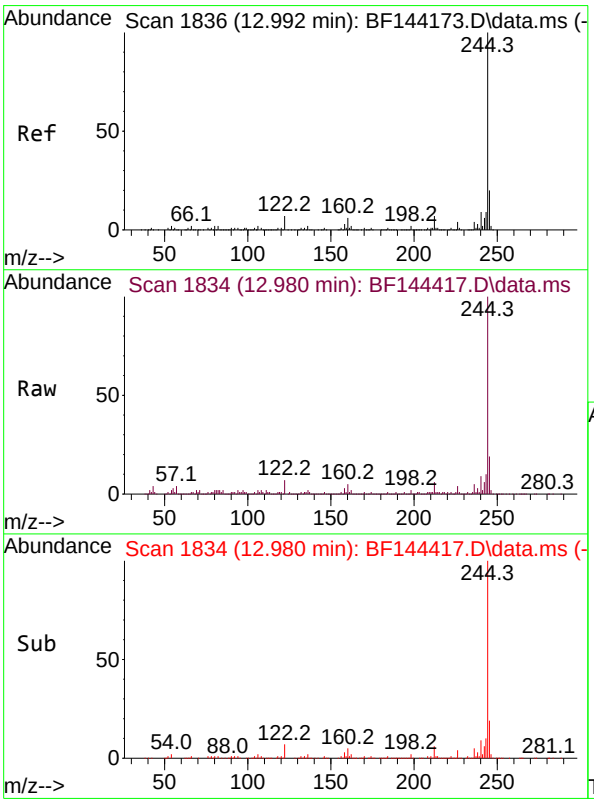
#78
Pyrene
Concen: 36.957 ng
RT: 12.845 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Tgt Ion:202 Resp: 365877

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	18.1	13.7	20.5

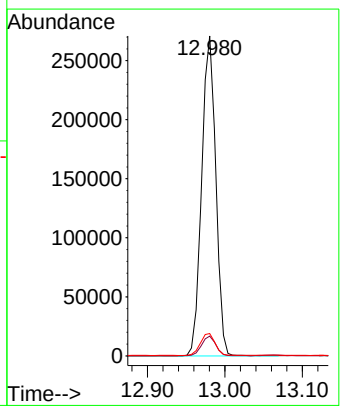


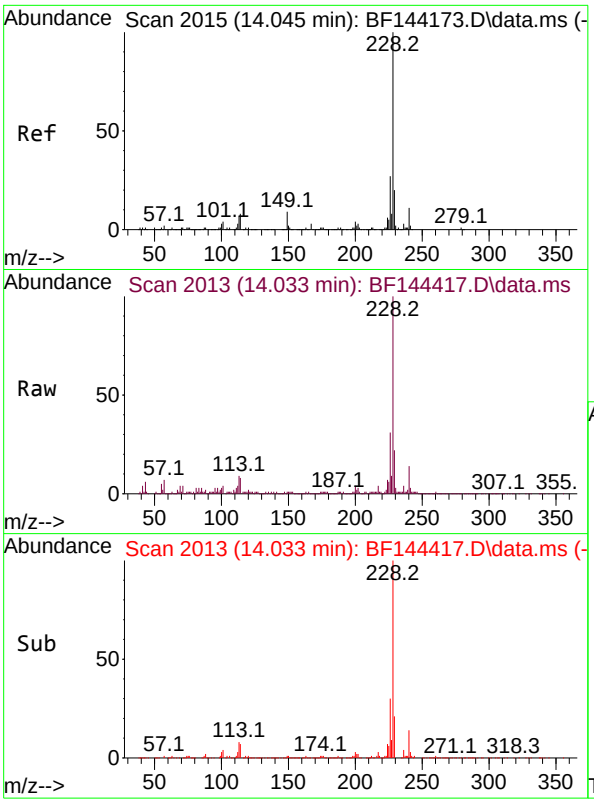


#79
Terphenyl-d14
Concen: 44.356 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Tgt Ion:244 Resp: 342879

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.3	7.9
122	7.0	5.6	8.4



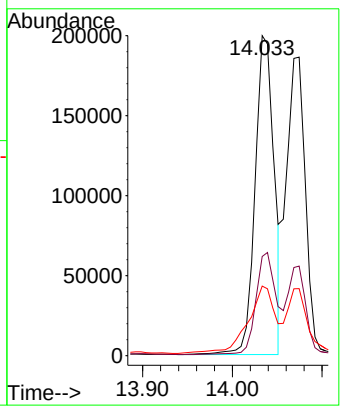


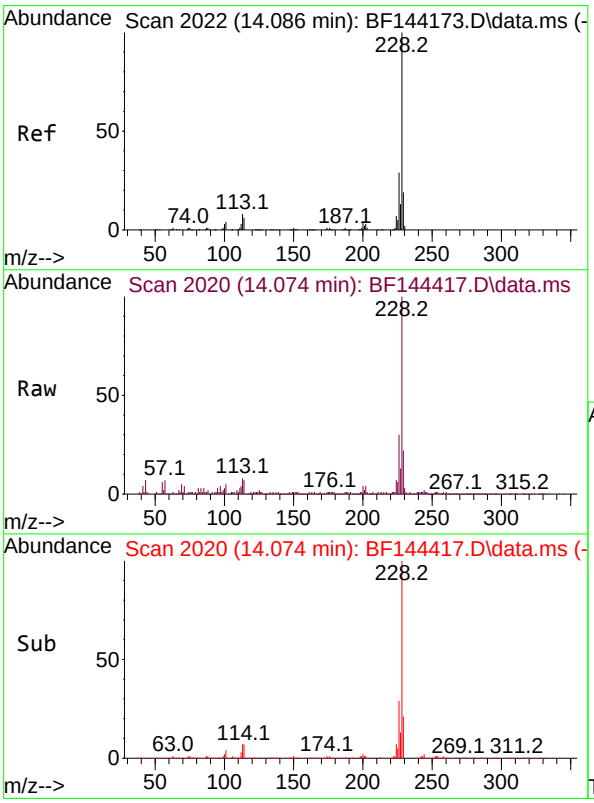
#81
Benzo(a)anthracene
Concen: 34.426 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Tgt Ion:228 Resp: 292970

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.8	32.8
229	21.7	15.8	23.6

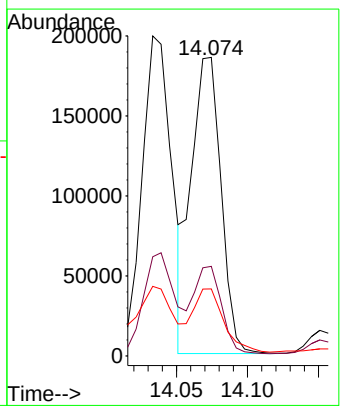


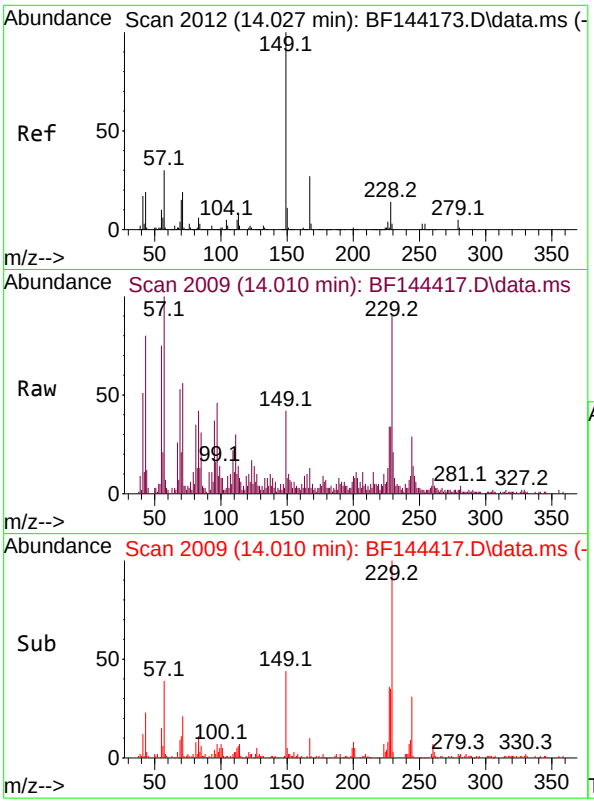


#83
Chrysene
Concen: 34.326 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Tgt Ion:228 Resp: 269665

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.9	34.3
229	22.4	15.0	22.6



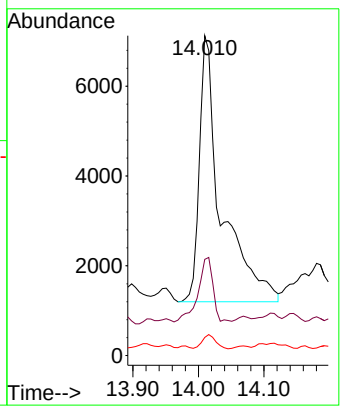


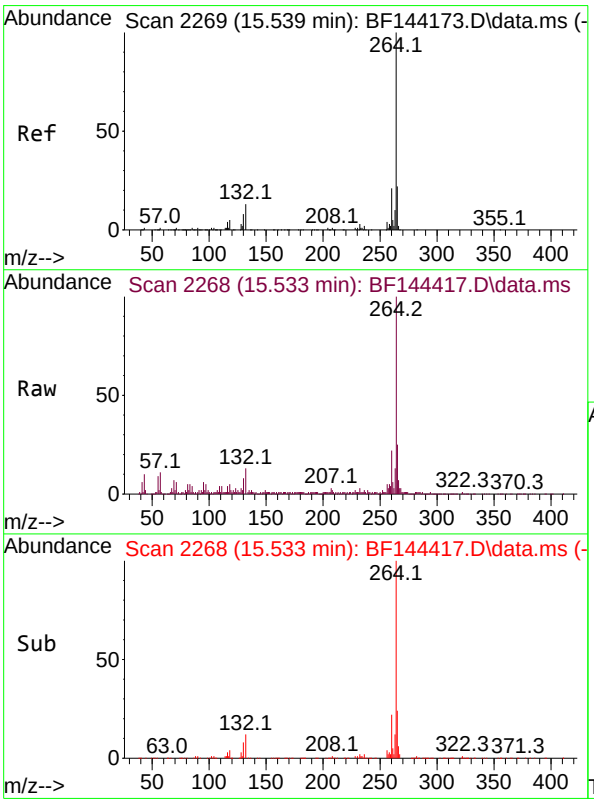
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.930 ng
RT: 14.010 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Tgt Ion:149 Resp: 13762

Ion	Ratio	Lower	Upper
149	100		
167	30.1	21.8	32.8
279	5.7	3.7	5.5#

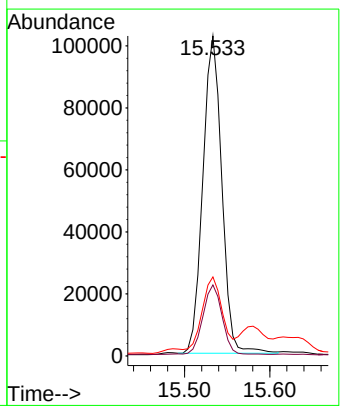


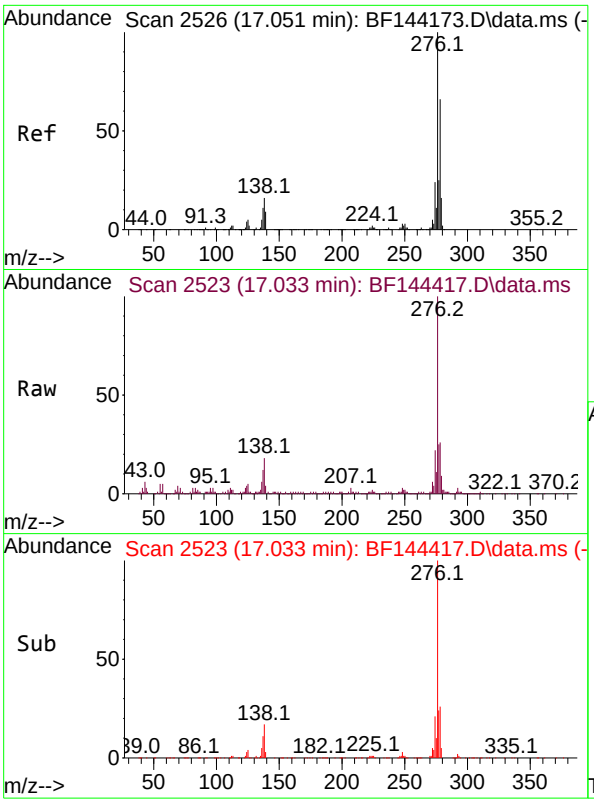


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Tgt Ion:264 Resp: 158132

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.1	25.7
265	24.7	17.4	26.0



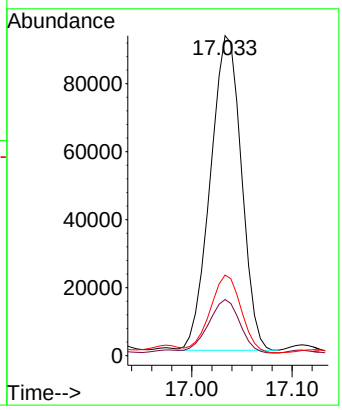


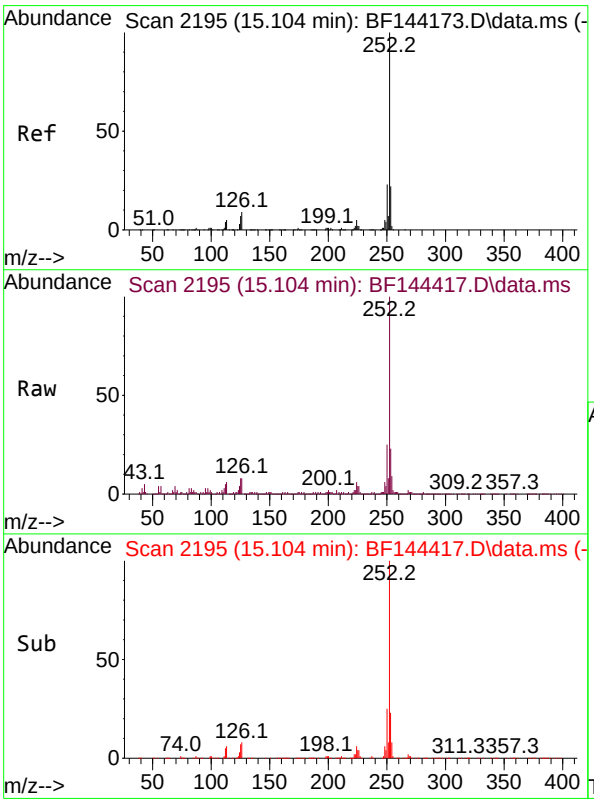
#87
Indeno(1,2,3-cd)pyrene
Concen: 17.582 ng
RT: 17.033 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Tgt Ion:276 Resp: 199577

Ion	Ratio	Lower	Upper
276	100		
138	17.2	13.9	20.9
277	24.8	19.8	29.6

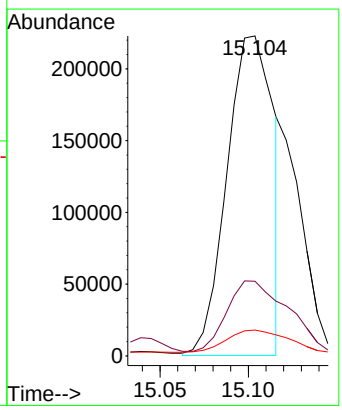


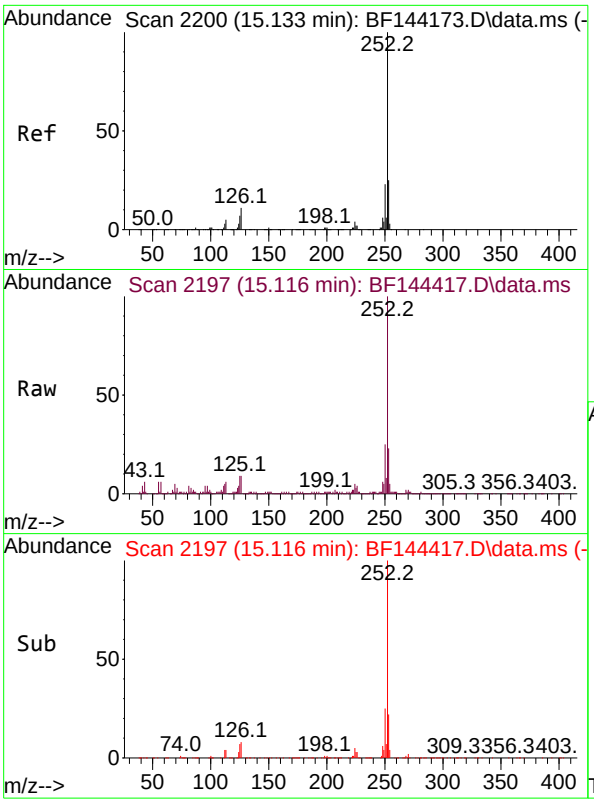


#88
Benzo(b)fluoranthene
Concen: 45.374 ng m
RT: 15.104 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Tgt Ion:252 Resp: 407914

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	8.1	5.3	7.9#



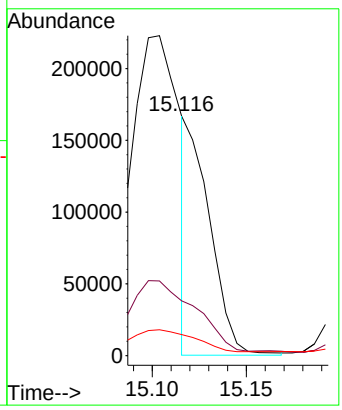


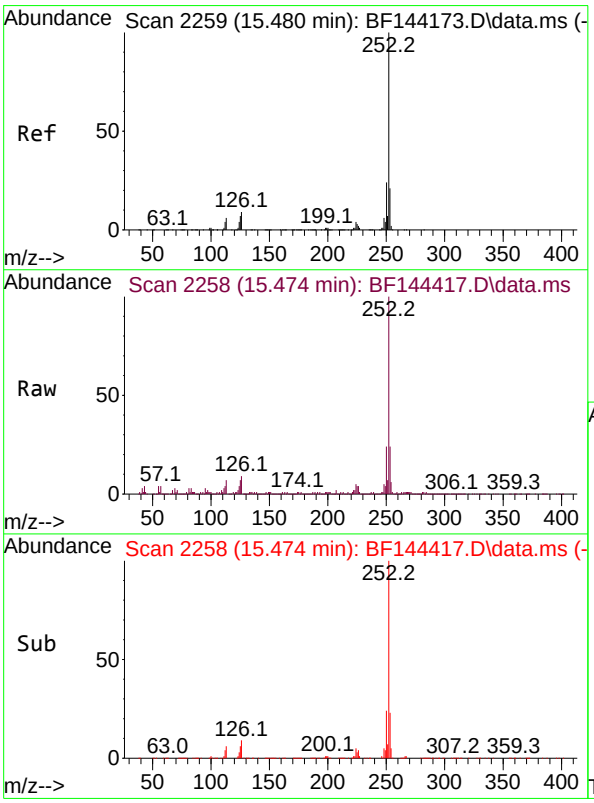
#89
Benzo(k)fluoranthene
Concen: 16.333 ng m
RT: 15.116 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Tgt Ion:252 Resp: 137441

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	8.8	5.4	8.2#

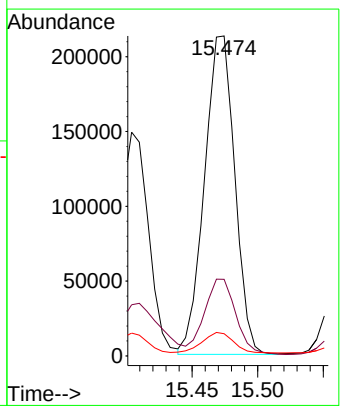


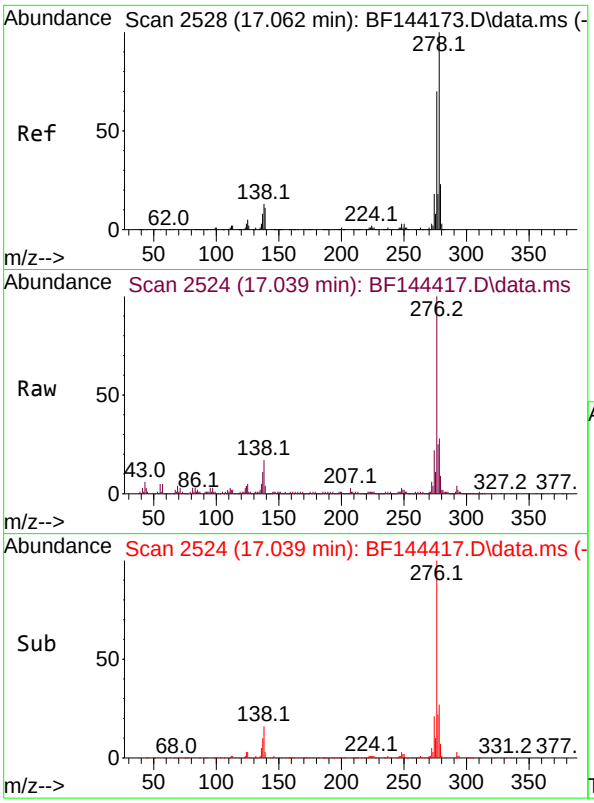


#90
Benzo(a)pyrene
Concen: 41.349 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.000 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Tgt Ion:252 Resp: 342940

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.7	25.1
125	6.9	5.7	8.5



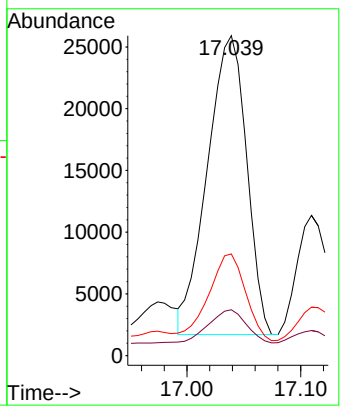


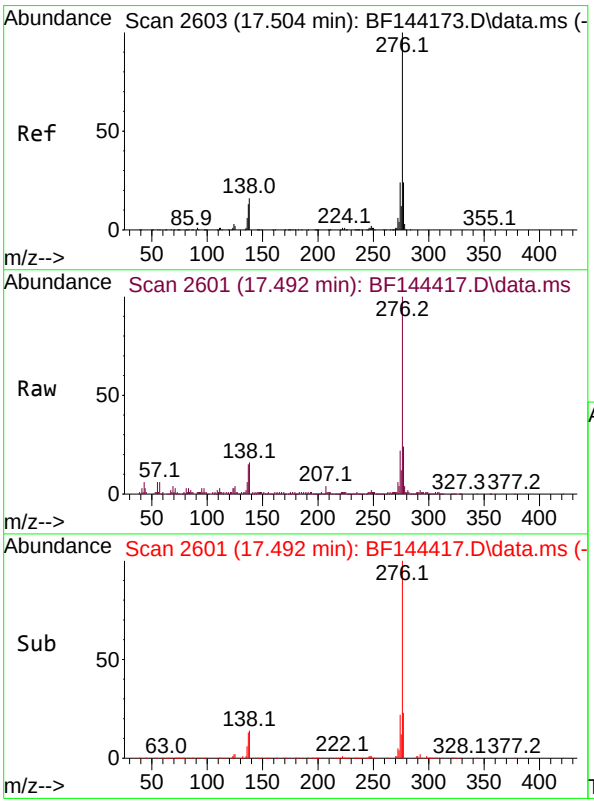
#91
Dibenzo(a,h)anthracene
Concen: 6.375 ng
RT: 17.039 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Tgt Ion:278 Resp: 58121

Ion	Ratio	Lower	Upper
278	100		
139	14.3	9.1	13.7#
279	31.8	18.2	27.4#

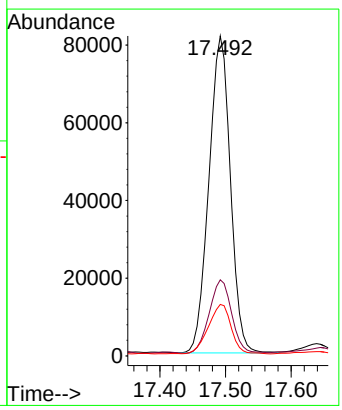




#92
Benzo(g,h,i)perylene
Concen: 20.698 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.000 min
Lab File: BF144417.D
Acq: 03 Dec 2025 14:08

Tgt Ion:276 Resp: 186335

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	16.1	12.9	19.3



Raw Data: **BF144421.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/24/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP9-112425	SDG No.:	Q3741
Lab Sample ID:	Q3741-04	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	85.2
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541 Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	390	ug/Kg	12/03/25 16:06	PB170797
108-95-2	Phenol	25.9	U	1	25.9	200	ug/Kg	12/03/25 16:06	PB170797
111-44-4	bis(2-Chloroethyl)ether	28.5	U	1	28.5	200	ug/Kg	12/03/25 16:06	PB170797
95-57-8	2-Chlorophenol	28.6	U	1	28.6	200	ug/Kg	12/03/25 16:06	PB170797
95-48-7	2-Methylphenol	35.1	U	1	35.1	200	ug/Kg	12/03/25 16:06	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	44.0	U	1	44.0	200	ug/Kg	12/03/25 16:06	PB170797
98-86-2	Acetophenone	34.6	U	1	34.6	200	ug/Kg	12/03/25 16:06	PB170797
65794-96-9	3+4-Methylphenols	48.2	U	1	48.2	390	ug/Kg	12/03/25 16:06	PB170797
621-64-7	n-Nitroso-di-n-propylamine	55.6	U	1	55.6	93.8	ug/Kg	12/03/25 16:06	PB170797
67-72-1	Hexachloroethane	20.6	U	1	20.6	200	ug/Kg	12/03/25 16:06	PB170797
98-95-3	Nitrobenzene	21.5	U	1	21.5	200	ug/Kg	12/03/25 16:06	PB170797
78-59-1	Isophorone	38.5	U	1	38.5	200	ug/Kg	12/03/25 16:06	PB170797
88-75-5	2-Nitrophenol	68.2	U	1	68.2	200	ug/Kg	12/03/25 16:06	PB170797
105-67-9	2,4-Dimethylphenol	76.0	U	1	76.0	200	ug/Kg	12/03/25 16:06	PB170797
111-91-1	bis(2-Chloroethoxy)methane	36.1	U	1	36.1	200	ug/Kg	12/03/25 16:06	PB170797
120-83-2	2,4-Dichlorophenol	33.2	U	1	33.2	200	ug/Kg	12/03/25 16:06	PB170797
91-20-3	Naphthalene	26.6	U	1	26.6	200	ug/Kg	12/03/25 16:06	PB170797
106-47-8	4-Chloroaniline	41.5	U	1	41.5	200	ug/Kg	12/03/25 16:06	PB170797
87-68-3	Hexachlorobutadiene	29.7	U	1	29.7	200	ug/Kg	12/03/25 16:06	PB170797
105-60-2	Caprolactam	61.1	UQ	1	61.1	390	ug/Kg	12/03/25 16:06	PB170797
59-50-7	4-Chloro-3-methylphenol	33.7	U	1	33.7	200	ug/Kg	12/03/25 16:06	PB170797
91-57-6	2-Methylnaphthalene	30.0	U	1	30.0	200	ug/Kg	12/03/25 16:06	PB170797
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	390	ug/Kg	12/03/25 16:06	PB170797
88-06-2	2,4,6-Trichlorophenol	23.2	U	1	23.2	200	ug/Kg	12/03/25 16:06	PB170797
95-95-4	2,4,5-Trichlorophenol	34.1	U	1	34.1	200	ug/Kg	12/03/25 16:06	PB170797
92-52-4	1,1-Biphenyl	25.6	U	1	25.6	200	ug/Kg	12/03/25 16:06	PB170797
91-58-7	2-Chloronaphthalene	26.4	U	1	26.4	200	ug/Kg	12/03/25 16:06	PB170797
88-74-4	2-Nitroaniline	56.4	U	1	56.4	200	ug/Kg	12/03/25 16:06	PB170797
131-11-3	Dimethylphthalate	31.8	U	1	31.8	200	ug/Kg	12/03/25 16:06	PB170797
208-96-8	Acenaphthylene	33.9	U	1	33.9	200	ug/Kg	12/03/25 16:06	PB170797
606-20-2	2,6-Dinitrotoluene	39.4	U	1	39.4	200	ug/Kg	12/03/25 16:06	PB170797
99-09-2	3-Nitroaniline	53.9	U	1	53.9	200	ug/Kg	12/03/25 16:06	PB170797
83-32-9	Acenaphthene	25.0	U	1	25.0	200	ug/Kg	12/03/25 16:06	PB170797
51-28-5	2,4-Dinitrophenol	270	U	1	270	390	ug/Kg	12/03/25 16:06	PB170797
100-02-7	4-Nitrophenol	130	U	1	130	390	ug/Kg	12/03/25 16:06	PB170797
132-64-9	Dibenzofuran	26.6	U	1	26.6	200	ug/Kg	12/03/25 16:06	PB170797
121-14-2	2,4-Dinitrotoluene	58.7	UQ	1	58.7	200	ug/Kg	12/03/25 16:06	PB170797
84-66-2	Diethylphthalate	33.2	U	1	33.2	200	ug/Kg	12/03/25 16:06	PB170797
7005-72-3	4-Chlorophenyl-phenylether	31.3	U	1	31.3	200	ug/Kg	12/03/25 16:06	PB170797
86-73-7	Fluorene	29.7	U	1	29.7	200	ug/Kg	12/03/25 16:06	PB170797
100-01-6	4-Nitroaniline	75.3	U	1	75.3	200	ug/Kg	12/03/25 16:06	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	390	ug/Kg	12/03/25 16:06	PB170797

Raw Data: **BF144421.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/24/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP9-112425	SDG No.:	Q3741
Lab Sample ID:	Q3741-04	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	85.2
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541 Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.6	U	1	38.6	200	ug/Kg	12/03/25 16:06	PB170797
101-55-3	4-Bromophenyl-phenylether	32.6	U	1	32.6	200	ug/Kg	12/03/25 16:06	PB170797
118-74-1	Hexachlorobenzene	29.7	U	1	29.7	200	ug/Kg	12/03/25 16:06	PB170797
1912-24-9	Atrazine	39.9	U	1	39.9	200	ug/Kg	12/03/25 16:06	PB170797
87-86-5	Pentachlorophenol	60.2	U	1	60.2	390	ug/Kg	12/03/25 16:06	PB170797
85-01-8	Phenanthrene	250		1	24.5	200	ug/Kg	12/03/25 16:06	PB170797
120-12-7	Anthracene	39.0	U	1	39.0	200	ug/Kg	12/03/25 16:06	PB170797
86-74-8	Carbazole	36.6	U	1	36.6	200	ug/Kg	12/03/25 16:06	PB170797
84-74-2	Di-n-butylphthalate	56.2	U	1	56.2	200	ug/Kg	12/03/25 16:06	PB170797
206-44-0	Fluoranthene	400		1	35.2	200	ug/Kg	12/03/25 16:06	PB170797
129-00-0	Pyrene	280		1	42.2	200	ug/Kg	12/03/25 16:06	PB170797
85-68-7	Butylbenzylphthalate	83.7	U	1	83.7	200	ug/Kg	12/03/25 16:06	PB170797
91-94-1	3,3-Dichlorobenzidine	43.0	U	1	43.0	390	ug/Kg	12/03/25 16:06	PB170797
56-55-3	Benzo(a)anthracene	290		1	27.0	200	ug/Kg	12/03/25 16:06	PB170797
218-01-9	Chrysene	260		1	23.3	200	ug/Kg	12/03/25 16:06	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	69.4	U	1	69.4	200	ug/Kg	12/03/25 16:06	PB170797
117-84-0	Di-n-octyl phthalate	100	U	1	100	390	ug/Kg	12/03/25 16:06	PB170797
205-99-2	Benzo(b)fluoranthene	480		1	22.3	200	ug/Kg	12/03/25 16:06	PB170797
207-08-9	Benzo(k)fluoranthene	150	J	1	26.3	200	ug/Kg	12/03/25 16:06	PB170797
50-32-8	Benzo(a)pyrene	420		1	34.6	200	ug/Kg	12/03/25 16:06	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	1	34.1	200	ug/Kg	12/03/25 16:06	PB170797
53-70-3	Dibenzo(a,h)anthracene	32.1	U	1	32.1	200	ug/Kg	12/03/25 16:06	PB170797
191-24-2	Benzo(g,h,i)perylene	220		1	30.1	200	ug/Kg	12/03/25 16:06	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	30.0	U	1	30.0	200	ug/Kg	12/03/25 16:06	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	32.1	U	1	32.1	200	ug/Kg	12/03/25 16:06	PB170797
SURROGATES									
367-12-4	2-Fluorophenol	57.5			10 - 105	38%	SPK: 150		
13127-88-3	Phenol-d6	88.9			10 - 103	59%	SPK: 150		
4165-60-0	Nitrobenzene-d5	64.2			10 - 108	64%	SPK: 100		
321-60-8	2-Fluorobiphenyl	68.4			10 - 108	68%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	36.4			10 - 116	24%	SPK: 150		
1718-51-0	Terphenyl-d14	49.2			10 - 109	49%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	45100							
1146-65-2	Naphthalene-d8	171000							
15067-26-2	Acenaphthene-d10	84900							
1517-22-2	Phenanthrene-d10	135000							
1719-03-5	Chrysene-d12	128000							
1520-96-3	Perylene-d12	147000							

Raw Data: **BF144421.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	11/24/25
Project:	Building 50 Probe Investigation			Date Received:	11/26/25
Client Sample ID:	B50-SP9-112425			SDG No.:	Q3741
Lab Sample ID:	Q3741-04			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	85.2
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date:	12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144421.D
Acq On : 03 Dec 2025 16:06
Operator : RC/JU
Sample : Q3741-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B50-SP9-112425

Quant Time: Dec 03 16:25:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

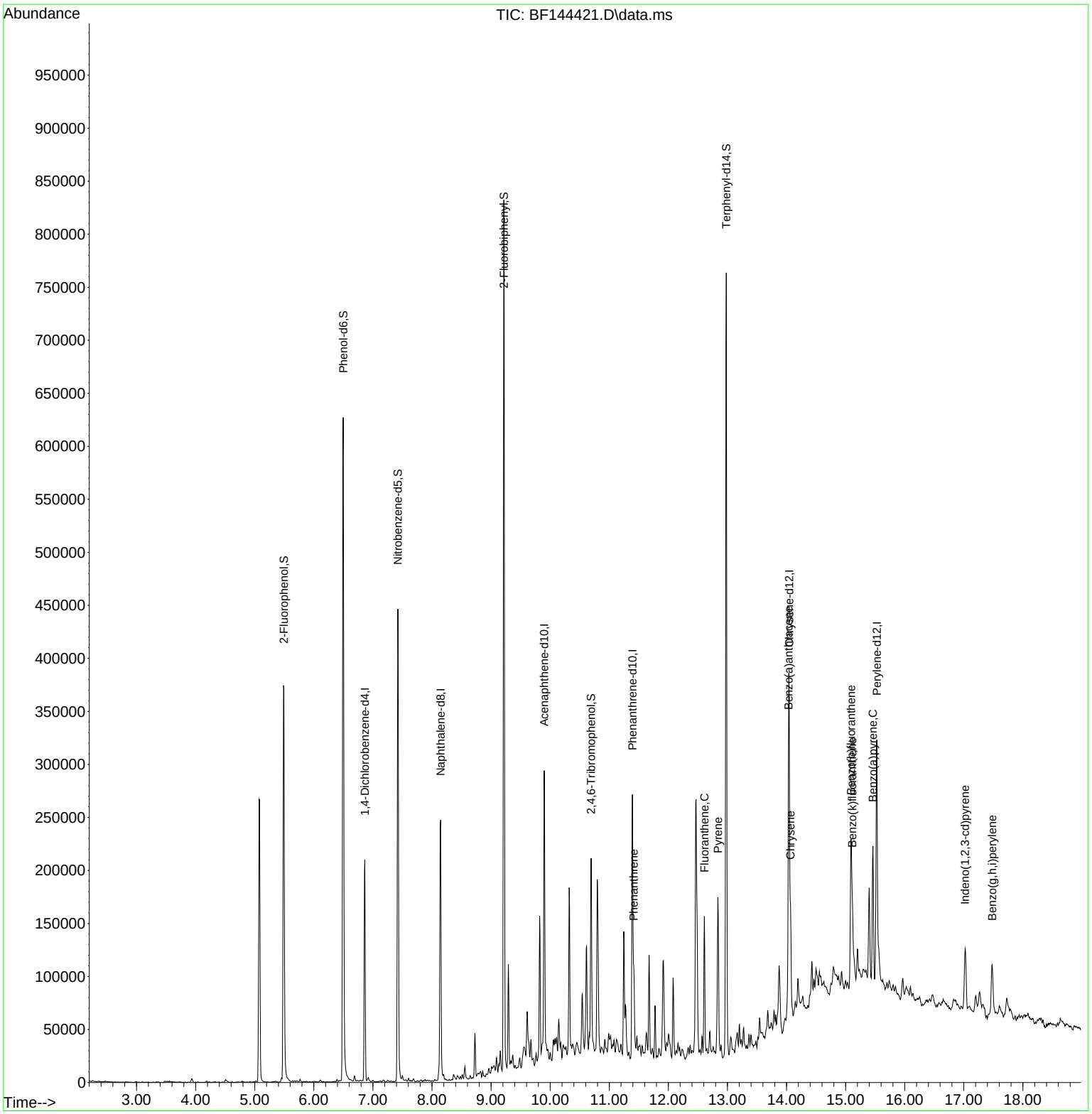
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	45091	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	171081	20.000	ng		-0.01
39) Acenaphthene-d10	9.898	164	84880	20.000	ng		-0.02
64) Phenanthrene-d10	11.392	188	134914	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	128244	20.000	ng		0.00
86) Perylene-d12	15.527	264	147094	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	165564	57.459	ng		0.00
7) Phenol-d6	6.498	99	290264	88.904	ng		0.00
23) Nitrobenzene-d5	7.422	82	190182	64.203	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	38726	36.357	ng		-0.01
45) 2-Fluorobiphenyl	9.216	172	393357	68.445	ng		-0.01
79) Terphenyl-d14	12.980	244	397302	49.209	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	11.416	178	43263	6.441	ng		98
75) Fluoranthene	12.610	202	71614	10.321	ng		98
78) Pyrene	12.839	202	73212	7.080	ng		98
81) Benzo(a)anthracene	14.033	228	66967	7.534	ng		95
83) Chrysene	14.068	228	54962m	6.699	ng		
87) Indeno(1,2,3-cd)pyrene	17.021	276	46436	4.398	ng		99
88) Benzo(b)fluoranthene	15.092	252	102591m	12.268	ng		
89) Benzo(k)fluoranthene	15.110	252	29429m	3.760	ng		
90) Benzo(a)pyrene	15.462	252	83609	10.837	ng	#	95
92) Benzo(g,h,i)perylene	17.480	276	47247	5.642	ng		99

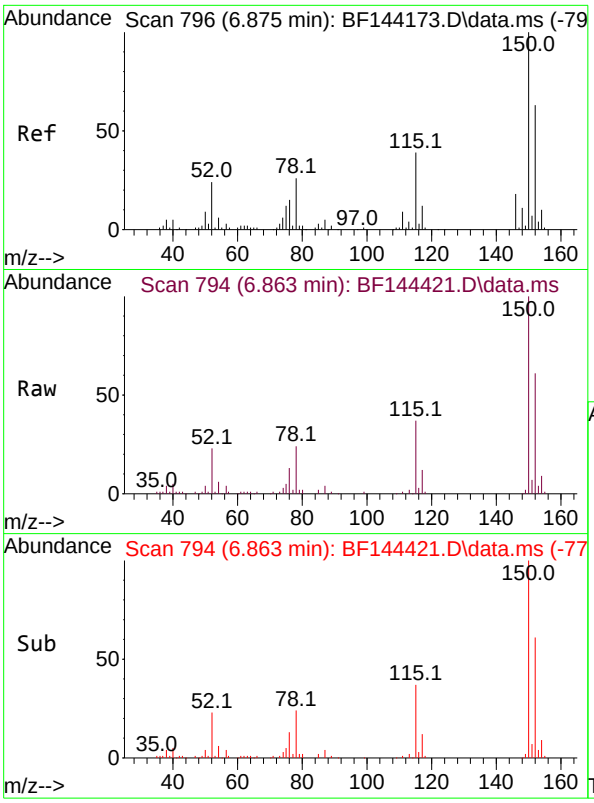
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144421.D
Acq On : 03 Dec 2025 16:06
Operator : RC/JU
Sample : Q3741-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B50-SP9-112425

Quant Time: Dec 03 16:25:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



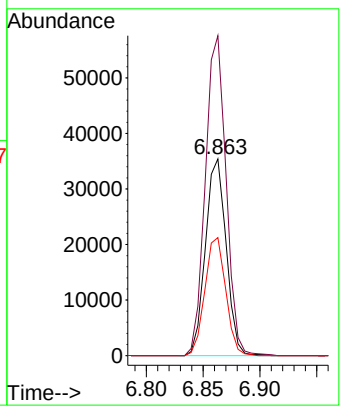


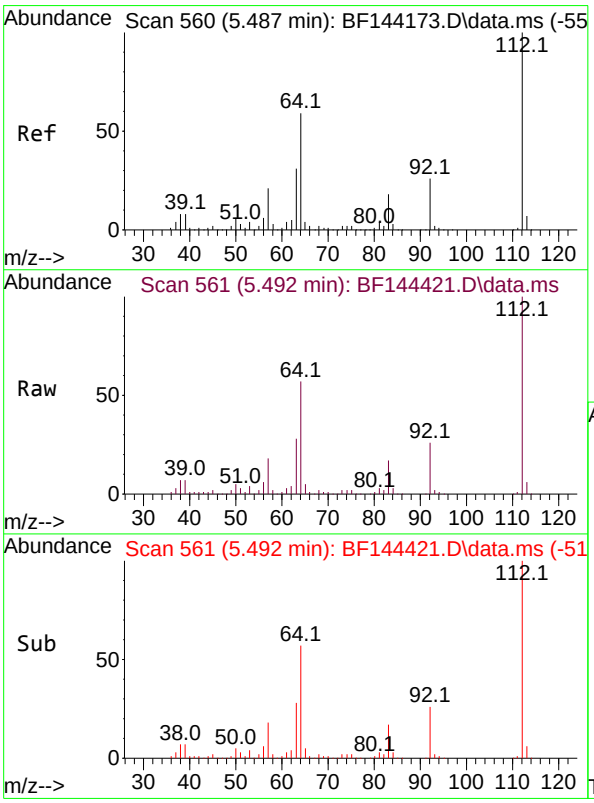
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Instrument :
BNA_F
ClientSampleId :
B50-SP9-112425

Tgt Ion:152 Resp: 45091

Ion	Ratio	Lower	Upper
152	100		
150	162.6	127.4	191.0
115	59.9	49.5	74.3

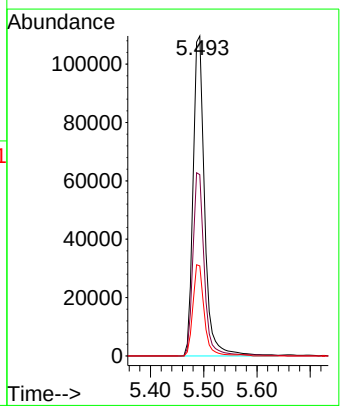


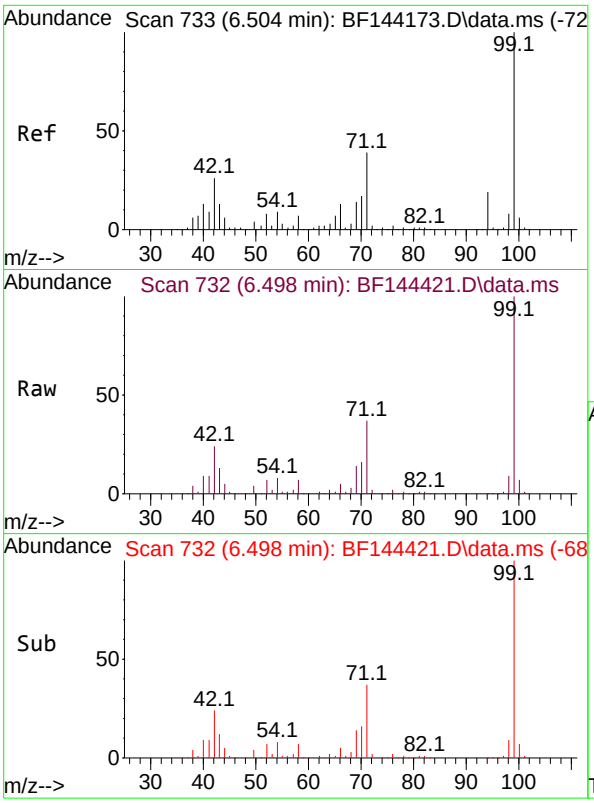


#5
2-Fluorophenol
Concen: 57.459 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Tgt Ion:112 Resp: 165564

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.2	70.8
63	28.1	24.4	36.6



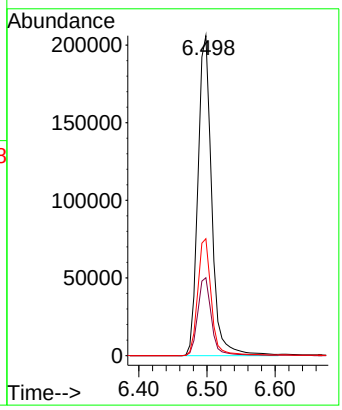


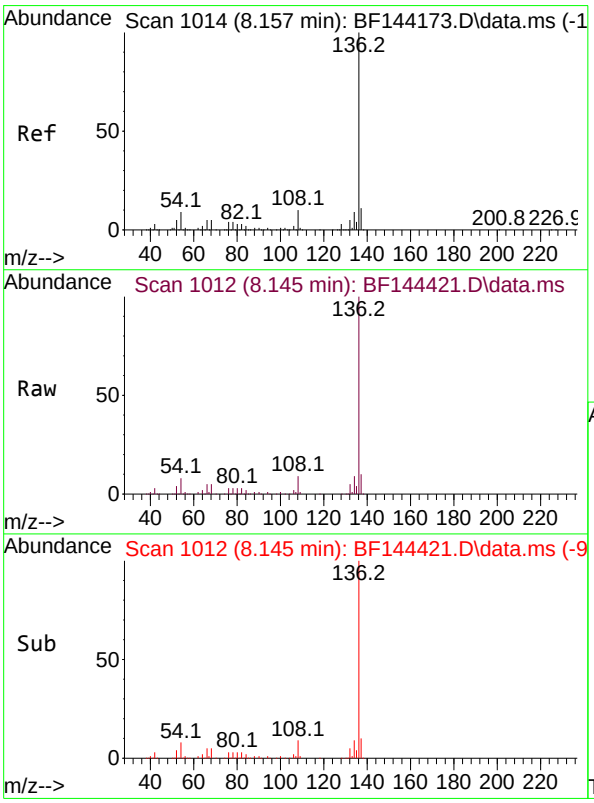
#7
Phenol-d6
Concen: 88.904 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Instrument :
BNA_F
ClientSampleId :
B50-SP9-112425

Tgt Ion: 99 Resp: 290264

Ion	Ratio	Lower	Upper
99	100		
42	24.3	20.9	31.3
71	36.5	31.4	47.2

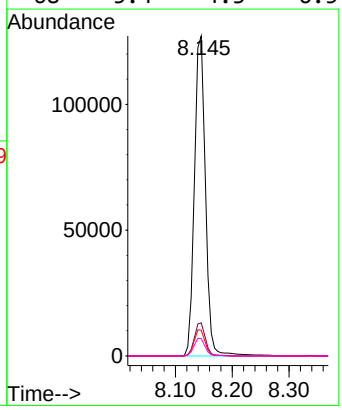


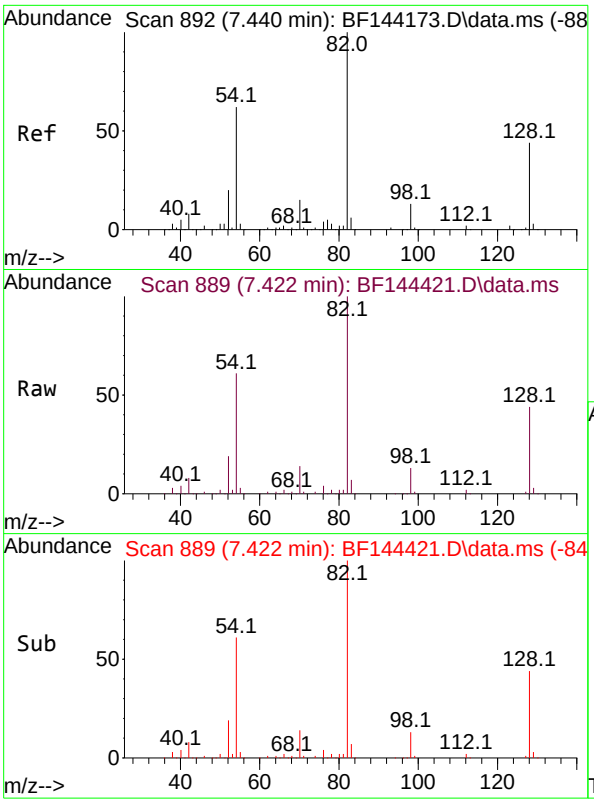


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Tgt Ion:136 Resp: 171081

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	8.0	7.0	10.6
68	5.4	4.3	6.5



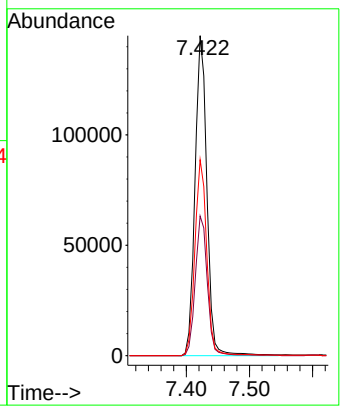


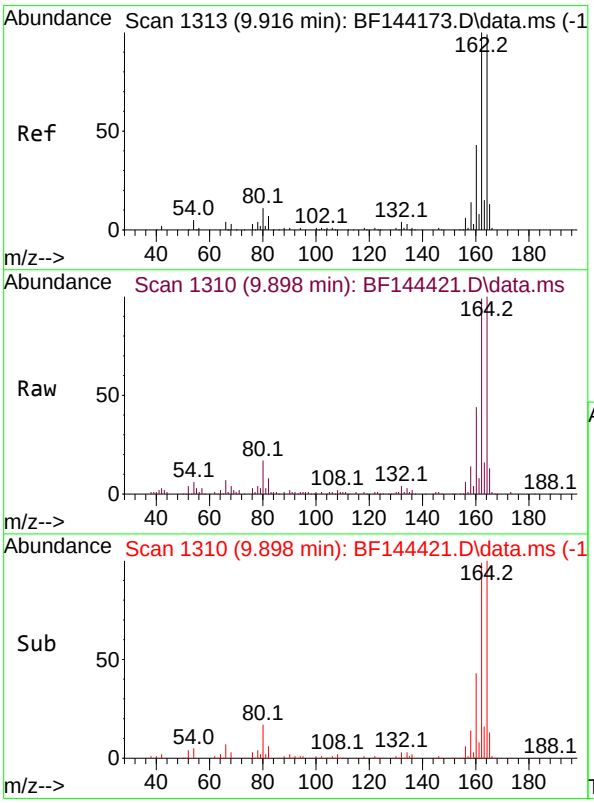
#23
Nitrobenzene-d5
Concen: 64.203 ng
RT: 7.422 min Scan# 88
Delta R.T. -0.012 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Instrument :
BNA_F
ClientSampleId :
B50-SP9-112425

Tgt Ion: 82 Resp: 190182

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.7	52.1
54	61.2	49.5	74.3

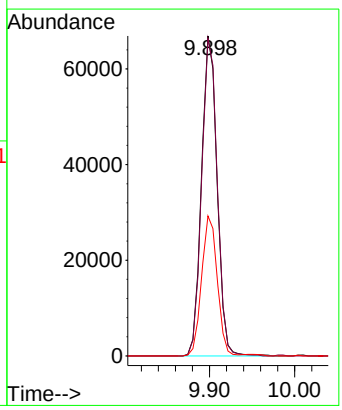


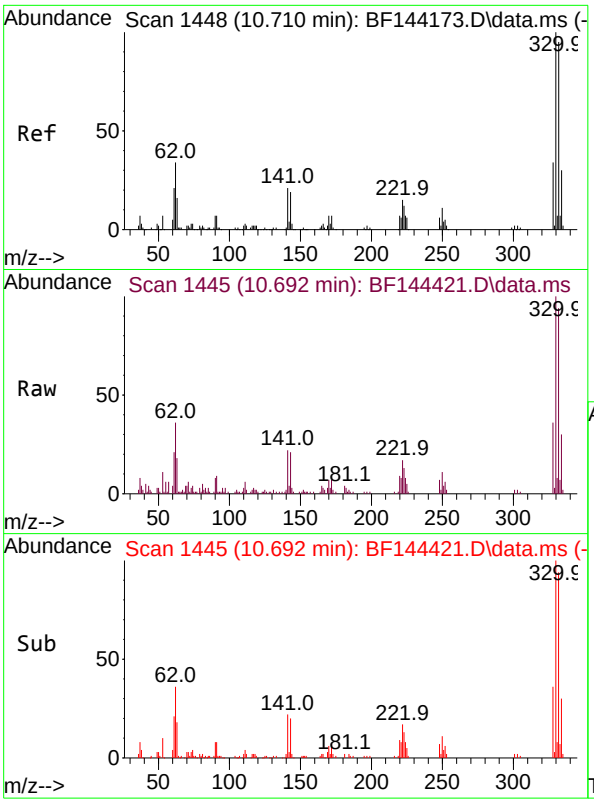


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Tgt Ion:164 Resp: 84880

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.1	121.7
160	43.7	34.5	51.7



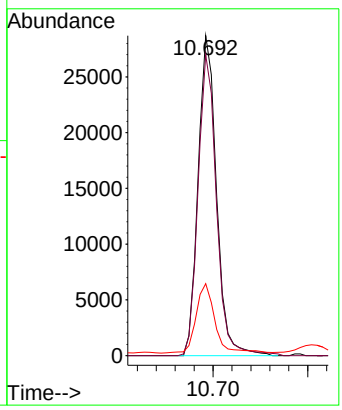


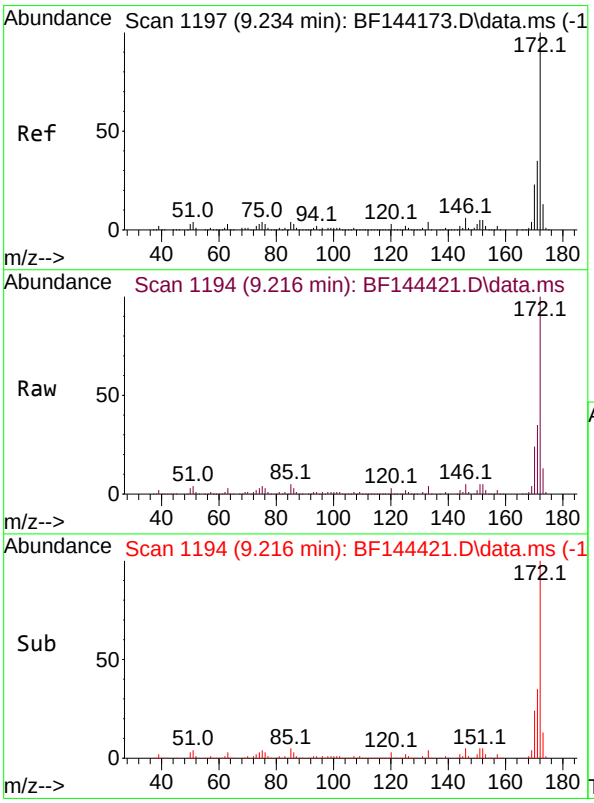
#42
2,4,6-Tribromophenol
Concen: 36.357 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Instrument :
BNA_F
ClientSampleId :
B50-SP9-112425

Tgt Ion:330 Resp: 38726

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.7	115.1
141	22.2	17.8	26.8

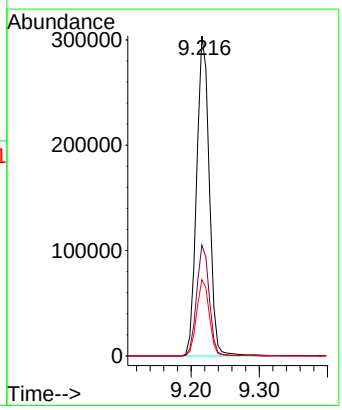


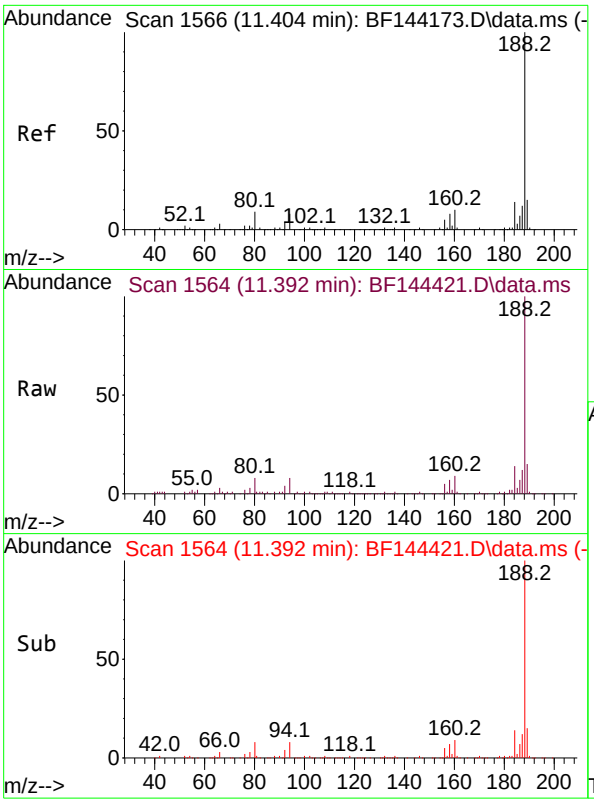


#45
2-Fluorobiphenyl
Concen: 68.445 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Tgt Ion:172 Resp: 393357

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	23.8	18.6	28.0



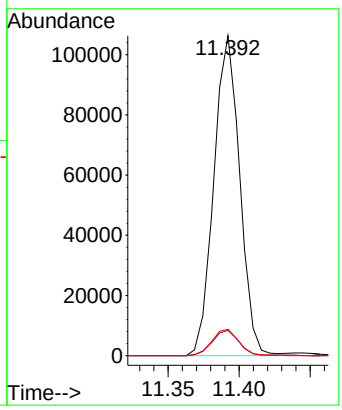


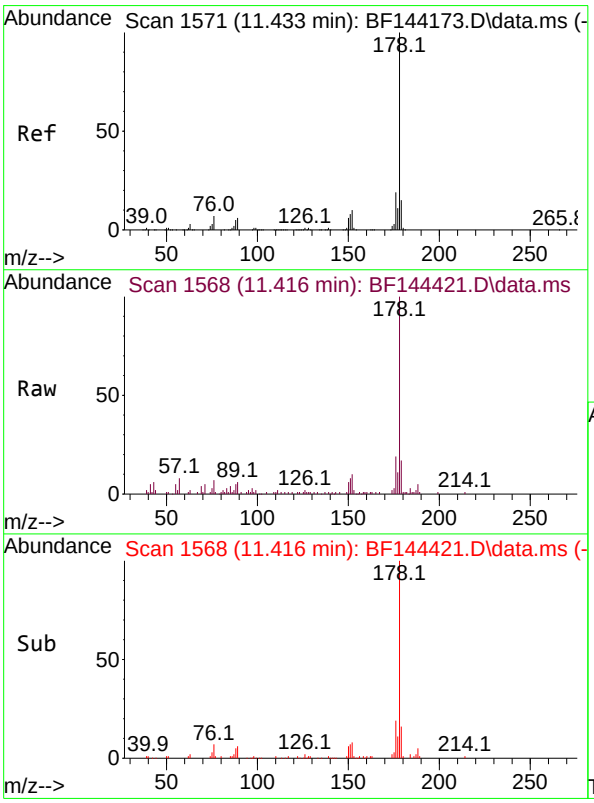
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Instrument :
BNA_F
ClientSampleId :
B50-SP9-112425

Tgt Ion:188 Resp: 134914

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.2	9.2
80	8.2	6.9	10.3

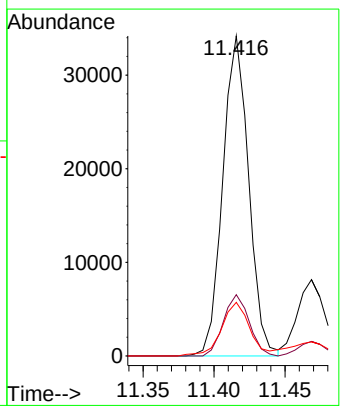


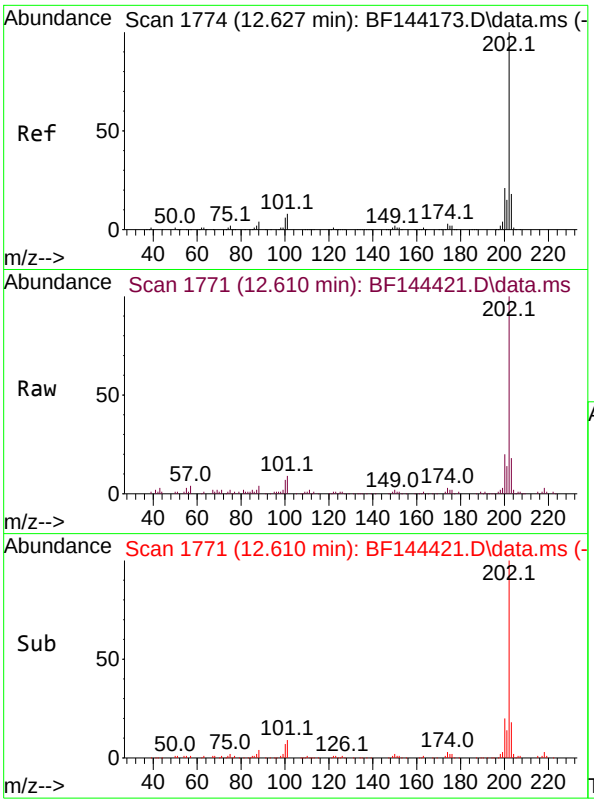


#71
Phenanthrene
Concen: 6.441 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Tgt Ion:178 Resp: 43263

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	16.7	12.2	18.4



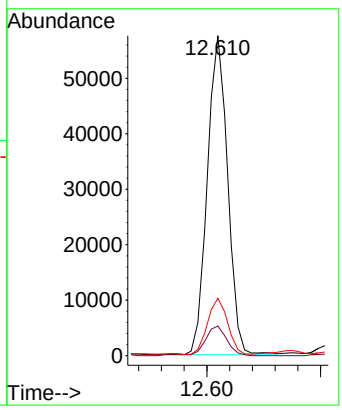


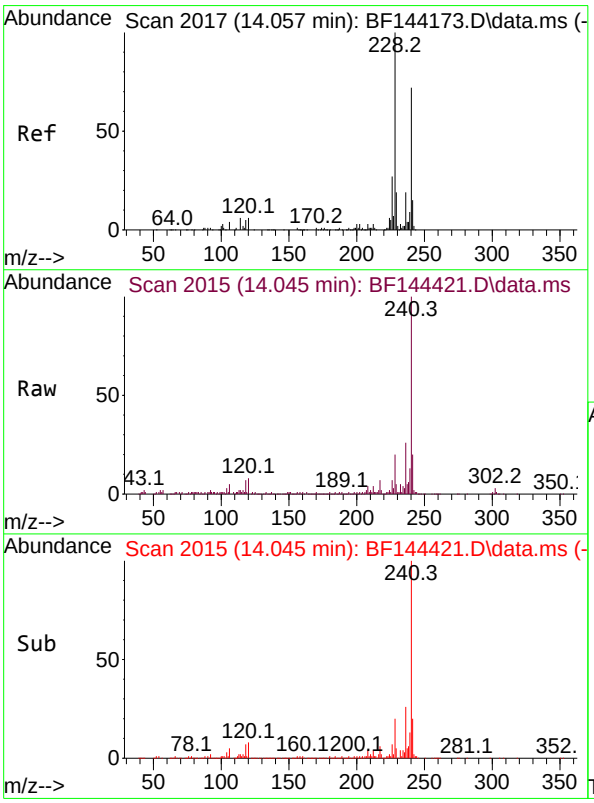
#75
Fluoranthene
Concen: 10.321 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Instrument :
BNA_F
ClientSampleId :
B50-SP9-112425

Tgt Ion:202 Resp: 71614

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	27.9
203	17.9	0.0	37.5

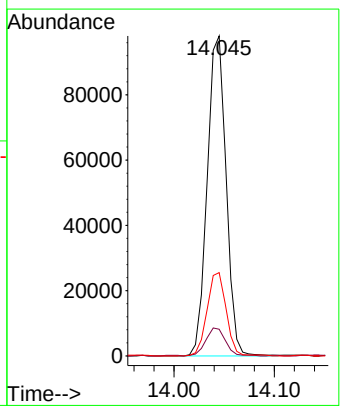


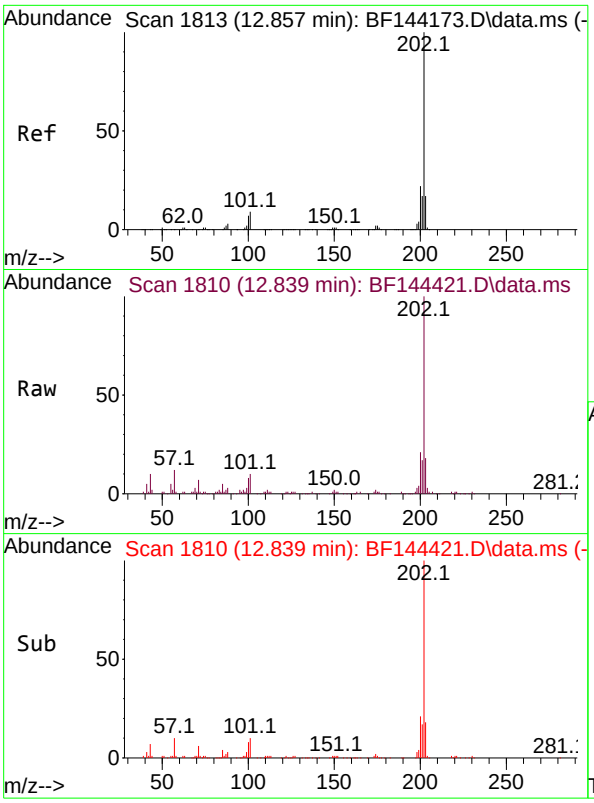


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Tgt Ion:240 Resp: 128244

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.6	10.0
236	26.0	21.4	32.2



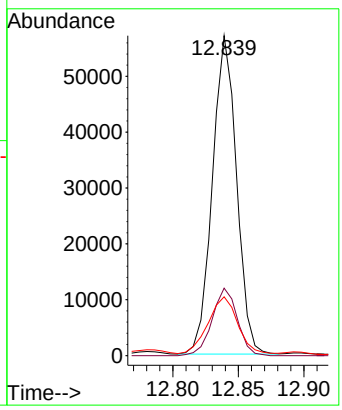


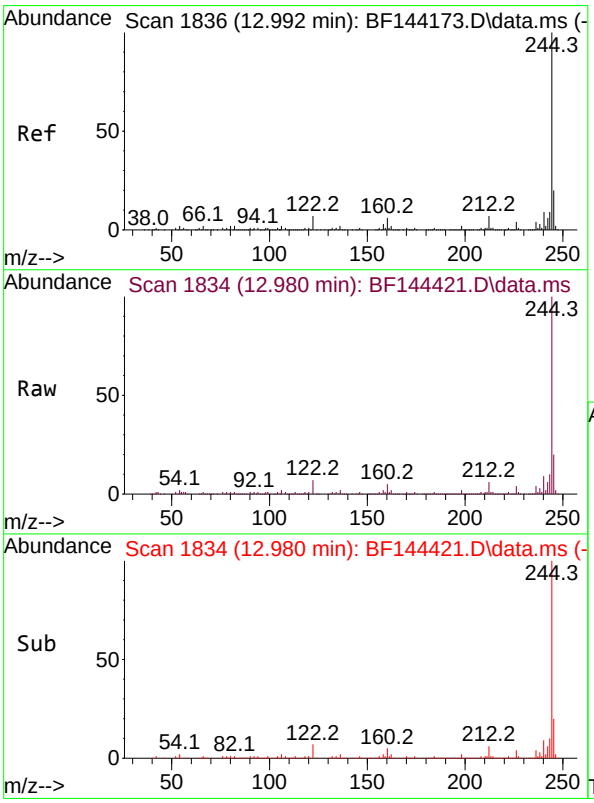
#78
Pyrene
Concen: 7.080 ng
RT: 12.839 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Instrument :
BNA_F
ClientSampleId :
B50-SP9-112425

Tgt Ion:202 Resp: 73212

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	18.4	13.7	20.5

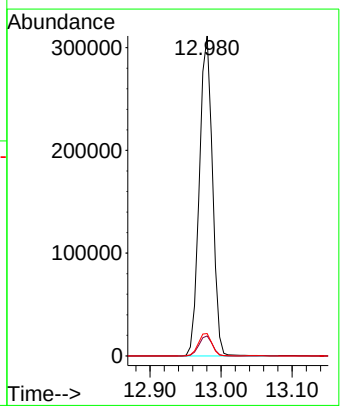


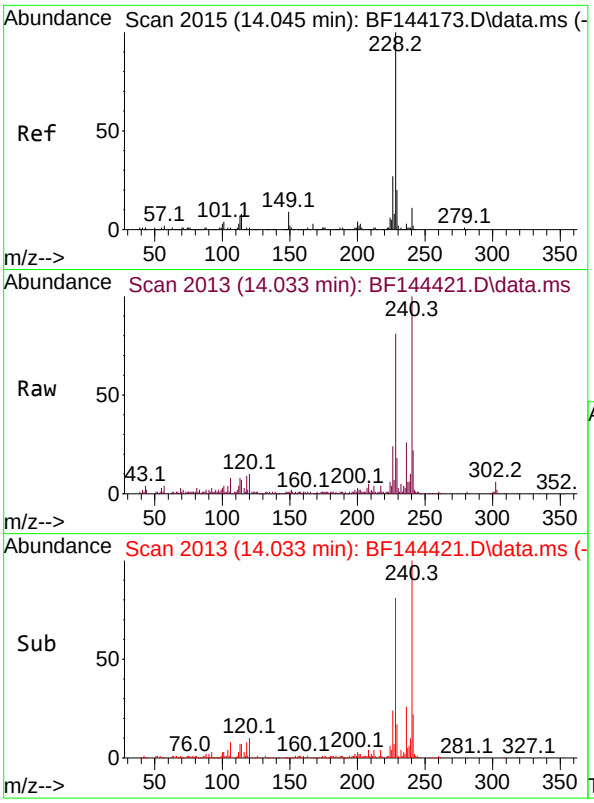


#79
Terphenyl-d14
Concen: 49.209 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Tgt Ion:244 Resp: 397302

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.3	7.9
122	7.0	5.6	8.4



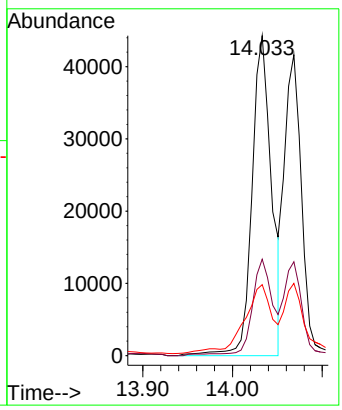


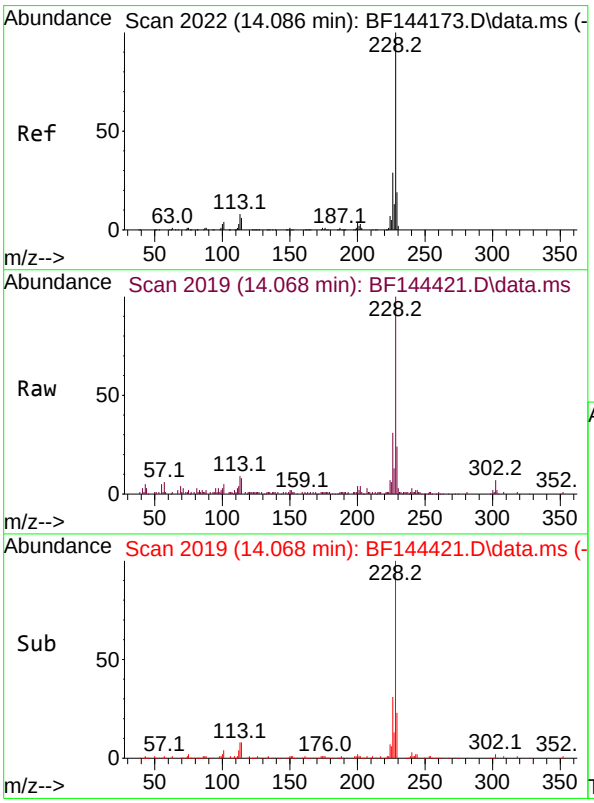
#81
Benzo(a)anthracene
Concen: 7.534 ng
RT: 14.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Instrument :
BNA_F
ClientSampleId :
B50-SP9-112425

Tgt Ion:228 Resp: 66967

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.8	32.8
229	22.2	15.8	23.6

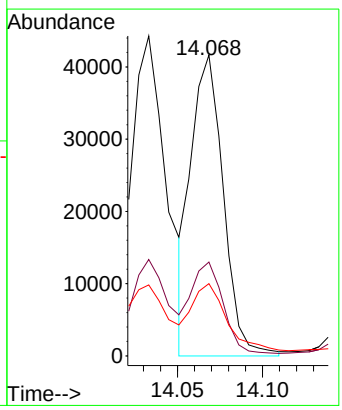


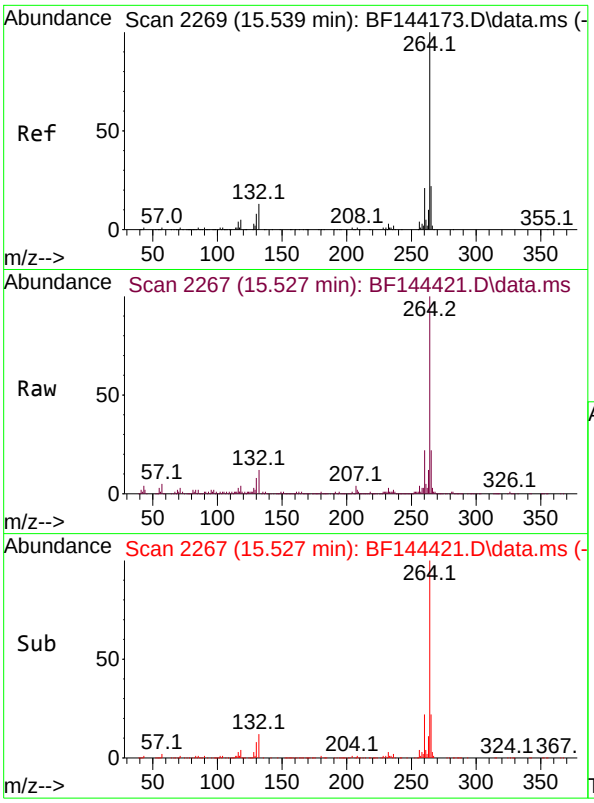


#83
Chrysene
Concen: 6.699 ng m
RT: 14.068 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Tgt Ion:228 Resp: 54962

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.9	34.3
229	24.0	15.0	22.6#



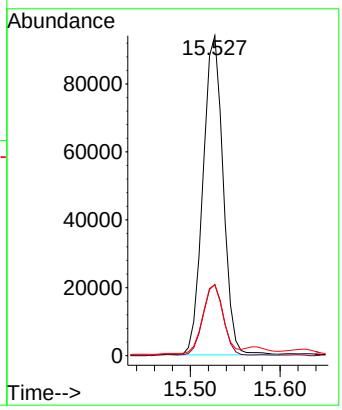


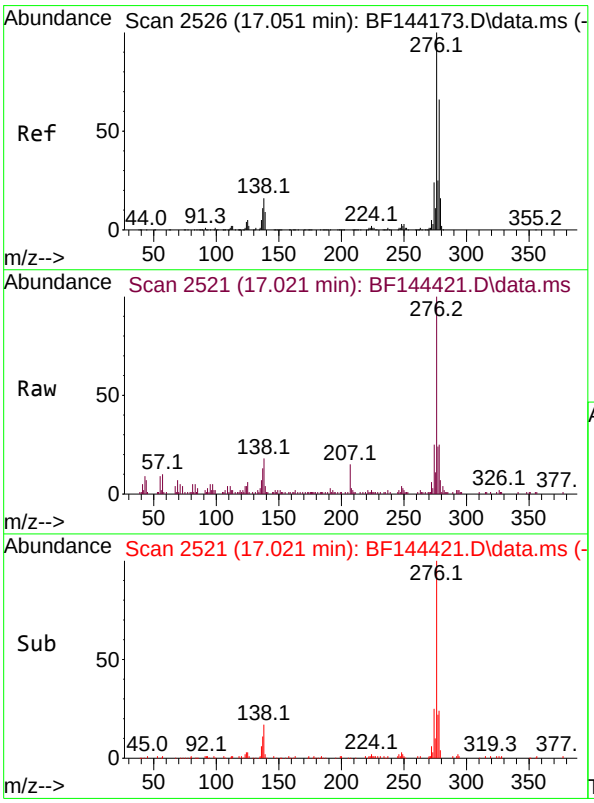
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Instrument :
BNA_F
ClientSampleId :
B50-SP9-112425

Tgt Ion:264 Resp: 147094

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.1	25.7
265	22.1	17.4	26.0

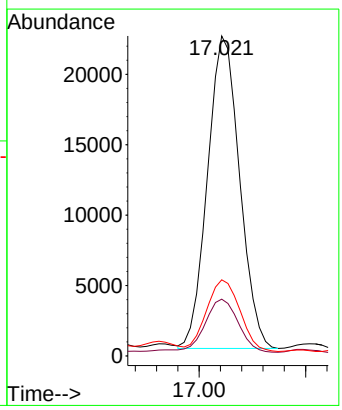


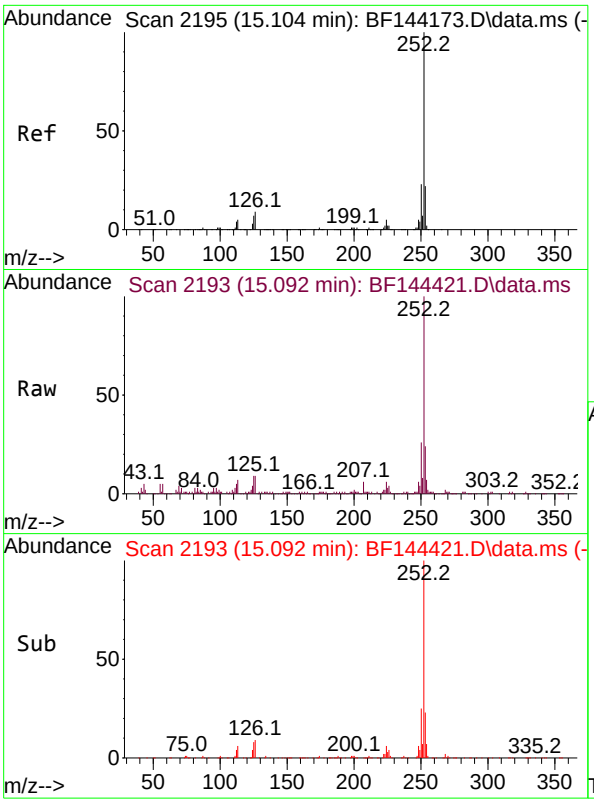


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.398 ng
RT: 17.021 min Scan# 2521
Delta R.T. -0.012 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Tgt Ion:276 Resp: 46436

Ion	Ratio	Lower	Upper
276	100		
138	18.0	13.9	20.9
277	24.2	19.8	29.6



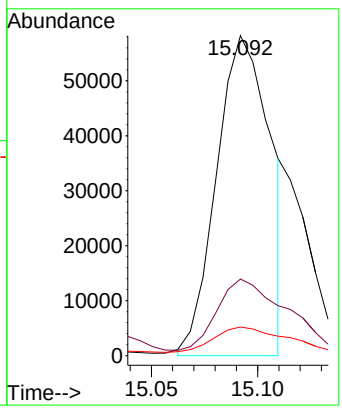


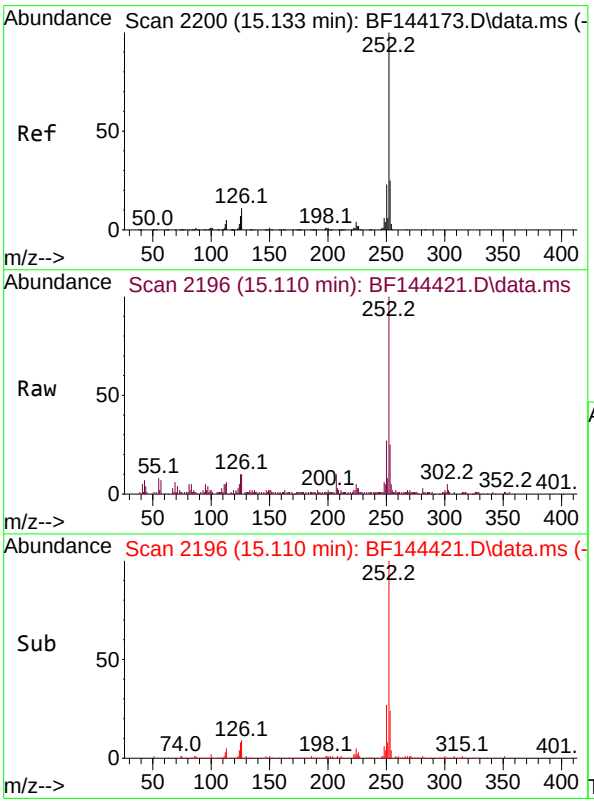
#88
Benzo(b)fluoranthene
Concen: 12.268 ng m
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Instrument :
BNA_F
ClientSampleId :
B50-SP9-112425

Tgt Ion:252 Resp: 102591

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	8.9	5.3	7.9#

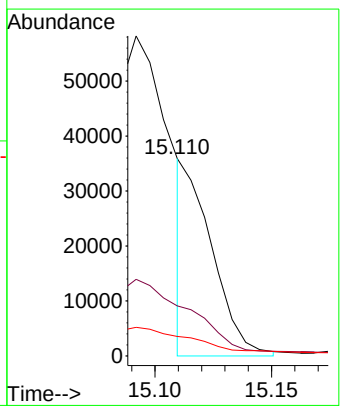


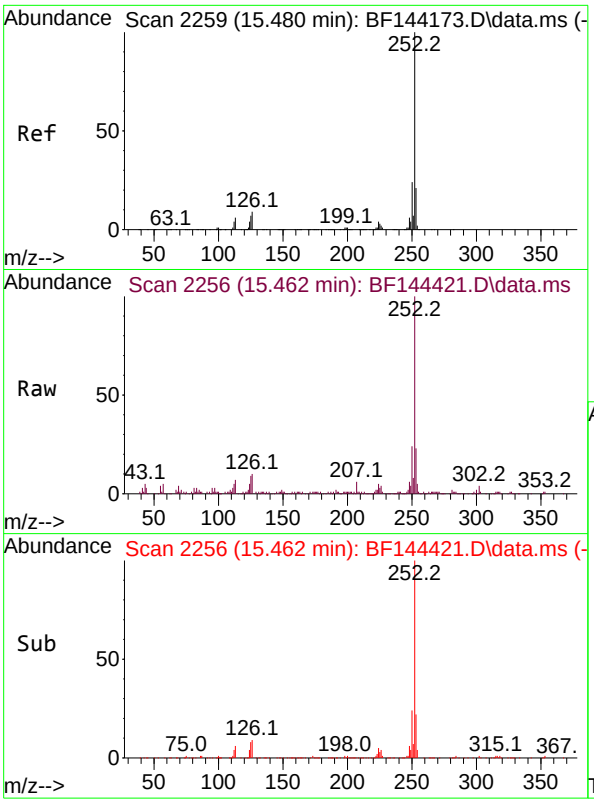


#89
Benzo(k)fluoranthene
Concen: 3.760 ng m
RT: 15.110 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Tgt Ion:252 Resp: 29429

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.0	27.0
125	9.9	5.4	8.2#



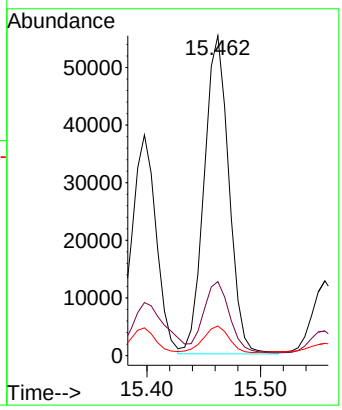


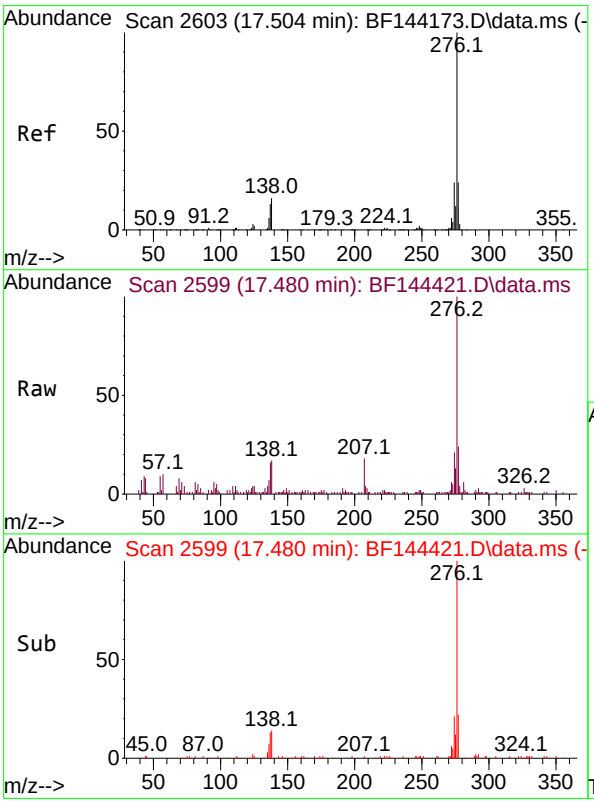
#90
Benzo(a)pyrene
Concen: 10.837 ng
RT: 15.462 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Instrument :
BNA_F
ClientSampleId :
B50-SP9-112425

Tgt Ion:252 Resp: 83609

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.7	25.1
125	9.3	5.7	8.5#

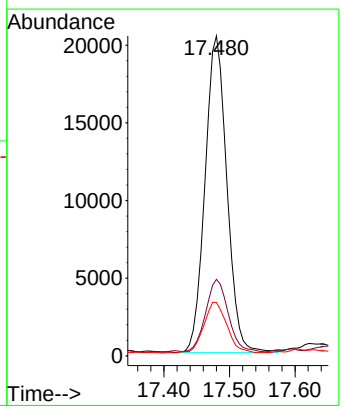




#92
Benzo(g,h,i)perylene
Concen: 5.642 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144421.D
Acq: 03 Dec 2025 16:06

Tgt Ion:276 Resp: 47247

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	16.7	12.9	19.3



Raw Data: **BP026227.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP11-112525	SDG No.:	Q3741
Lab Sample ID:	Q3741-05	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	84.6
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541 Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	390	ug/Kg	12/03/25 14:56	PB170797
108-95-2	Phenol	26.1	U	1	26.1	200	ug/Kg	12/03/25 14:56	PB170797
111-44-4	bis(2-Chloroethyl)ether	28.7	U	1	28.7	200	ug/Kg	12/03/25 14:56	PB170797
95-57-8	2-Chlorophenol	28.8	U	1	28.8	200	ug/Kg	12/03/25 14:56	PB170797
95-48-7	2-Methylphenol	35.3	U	1	35.3	200	ug/Kg	12/03/25 14:56	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	44.3	U	1	44.3	200	ug/Kg	12/03/25 14:56	PB170797
98-86-2	Acetophenone	34.8	U	1	34.8	200	ug/Kg	12/03/25 14:56	PB170797
65794-96-9	3+4-Methylphenols	48.5	U	1	48.5	390	ug/Kg	12/03/25 14:56	PB170797
621-64-7	n-Nitroso-di-n-propylamine	55.9	U	1	55.9	94.4	ug/Kg	12/03/25 14:56	PB170797
67-72-1	Hexachloroethane	20.8	U	1	20.8	200	ug/Kg	12/03/25 14:56	PB170797
98-95-3	Nitrobenzene	21.6	U	1	21.6	200	ug/Kg	12/03/25 14:56	PB170797
78-59-1	Isophorone	38.7	U	1	38.7	200	ug/Kg	12/03/25 14:56	PB170797
88-75-5	2-Nitrophenol	68.7	U	1	68.7	200	ug/Kg	12/03/25 14:56	PB170797
105-67-9	2,4-Dimethylphenol	76.5	U	1	76.5	200	ug/Kg	12/03/25 14:56	PB170797
111-91-1	bis(2-Chloroethoxy)methane	36.3	U	1	36.3	200	ug/Kg	12/03/25 14:56	PB170797
120-83-2	2,4-Dichlorophenol	33.4	U	1	33.4	200	ug/Kg	12/03/25 14:56	PB170797
91-20-3	Naphthalene	310		1	26.8	200	ug/Kg	12/03/25 14:56	PB170797
106-47-8	4-Chloroaniline	41.8	U	1	41.8	200	ug/Kg	12/03/25 14:56	PB170797
87-68-3	Hexachlorobutadiene	29.9	U	1	29.9	200	ug/Kg	12/03/25 14:56	PB170797
105-60-2	Caprolactam	61.5	UQ	1	61.5	390	ug/Kg	12/03/25 14:56	PB170797
59-50-7	4-Chloro-3-methylphenol	33.9	U	1	33.9	200	ug/Kg	12/03/25 14:56	PB170797
91-57-6	2-Methylnaphthalene	340		1	30.2	200	ug/Kg	12/03/25 14:56	PB170797
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	390	ug/Kg	12/03/25 14:56	PB170797
88-06-2	2,4,6-Trichlorophenol	23.4	U	1	23.4	200	ug/Kg	12/03/25 14:56	PB170797
95-95-4	2,4,5-Trichlorophenol	34.3	U	1	34.3	200	ug/Kg	12/03/25 14:56	PB170797
92-52-4	1,1-Biphenyl	25.7	U	1	25.7	200	ug/Kg	12/03/25 14:56	PB170797
91-58-7	2-Chloronaphthalene	26.6	U	1	26.6	200	ug/Kg	12/03/25 14:56	PB170797
88-74-4	2-Nitroaniline	56.8	U	1	56.8	200	ug/Kg	12/03/25 14:56	PB170797
131-11-3	Dimethylphthalate	32.0	U	1	32.0	200	ug/Kg	12/03/25 14:56	PB170797
208-96-8	Acenaphthylene	34.1	U	1	34.1	200	ug/Kg	12/03/25 14:56	PB170797
606-20-2	2,6-Dinitrotoluene	39.7	U	1	39.7	200	ug/Kg	12/03/25 14:56	PB170797
99-09-2	3-Nitroaniline	54.3	U	1	54.3	200	ug/Kg	12/03/25 14:56	PB170797
83-32-9	Acenaphthene	25.1	U	1	25.1	200	ug/Kg	12/03/25 14:56	PB170797
51-28-5	2,4-Dinitrophenol	270	U	1	270	390	ug/Kg	12/03/25 14:56	PB170797
100-02-7	4-Nitrophenol	130	U	1	130	390	ug/Kg	12/03/25 14:56	PB170797
132-64-9	Dibenzofuran	26.8	U	1	26.8	200	ug/Kg	12/03/25 14:56	PB170797
121-14-2	2,4-Dinitrotoluene	59.1	UQ	1	59.1	200	ug/Kg	12/03/25 14:56	PB170797
84-66-2	Diethylphthalate	33.4	U	1	33.4	200	ug/Kg	12/03/25 14:56	PB170797
7005-72-3	4-Chlorophenyl-phenylether	31.5	U	1	31.5	200	ug/Kg	12/03/25 14:56	PB170797
86-73-7	Fluorene	29.9	U	1	29.9	200	ug/Kg	12/03/25 14:56	PB170797
100-01-6	4-Nitroaniline	75.8	U	1	75.8	200	ug/Kg	12/03/25 14:56	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	390	ug/Kg	12/03/25 14:56	PB170797

Raw Data: **BP026227.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	11/25/25
Project:	Building 50 Probe Investigation			Date Received:	11/26/25
Client Sample ID:	B50-SP11-112525			SDG No.:	Q3741
Lab Sample ID:	Q3741-05			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	84.6
Sample Wt/Vol:	30.05 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date:	12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.8	U	1	38.8	200	ug/Kg	12/03/25 14:56	PB170797
101-55-3	4-Bromophenyl-phenylether	32.8	U	1	32.8	200	ug/Kg	12/03/25 14:56	PB170797
118-74-1	Hexachlorobenzene	29.9	U	1	29.9	200	ug/Kg	12/03/25 14:56	PB170797
1912-24-9	Atrazine	40.1	U	1	40.1	200	ug/Kg	12/03/25 14:56	PB170797
87-86-5	Pentachlorophenol	60.5	U	1	60.5	390	ug/Kg	12/03/25 14:56	PB170797
85-01-8	Phenanthrene	310		1	24.7	200	ug/Kg	12/03/25 14:56	PB170797
120-12-7	Anthracene	39.3	U	1	39.3	200	ug/Kg	12/03/25 14:56	PB170797
86-74-8	Carbazole	36.8	U	1	36.8	200	ug/Kg	12/03/25 14:56	PB170797
84-74-2	Di-n-butylphthalate	56.5	U	1	56.5	200	ug/Kg	12/03/25 14:56	PB170797
206-44-0	Fluoranthene	320		1	35.4	200	ug/Kg	12/03/25 14:56	PB170797
129-00-0	Pyrene	290		1	42.5	200	ug/Kg	12/03/25 14:56	PB170797
85-68-7	Butylbenzylphthalate	84.3	U	1	84.3	200	ug/Kg	12/03/25 14:56	PB170797
91-94-1	3,3-Dichlorobenzidine	43.3	U	1	43.3	390	ug/Kg	12/03/25 14:56	PB170797
56-55-3	Benzo(a)anthracene	140	J	1	27.1	200	ug/Kg	12/03/25 14:56	PB170797
218-01-9	Chrysene	180	J	1	23.5	200	ug/Kg	12/03/25 14:56	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	69.9	U	1	69.9	200	ug/Kg	12/03/25 14:56	PB170797
117-84-0	Di-n-octyl phthalate	100	U	1	100	390	ug/Kg	12/03/25 14:56	PB170797
205-99-2	Benzo(b)fluoranthene	180	J	1	22.4	200	ug/Kg	12/03/25 14:56	PB170797
207-08-9	Benzo(k)fluoranthene	26.4	U	1	26.4	200	ug/Kg	12/03/25 14:56	PB170797
50-32-8	Benzo(a)pyrene	140	J	1	34.8	200	ug/Kg	12/03/25 14:56	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	78.7	J	1	34.3	200	ug/Kg	12/03/25 14:56	PB170797
53-70-3	Dibenzo(a,h)anthracene	32.3	U	1	32.3	200	ug/Kg	12/03/25 14:56	PB170797
191-24-2	Benzo(g,h,i)perylene	100	J	1	30.3	200	ug/Kg	12/03/25 14:56	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	30.2	U	1	30.2	200	ug/Kg	12/03/25 14:56	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	32.3	U	1	32.3	200	ug/Kg	12/03/25 14:56	PB170797
SURROGATES									
367-12-4	2-Fluorophenol	29.7			10 - 105	20%	SPK: 150		
13127-88-3	Phenol-d6	45.7			10 - 103	30%	SPK: 150		
4165-60-0	Nitrobenzene-d5	48.2			10 - 108	48%	SPK: 100		
321-60-8	2-Fluorobiphenyl	52.2			10 - 108	52%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	23.7			10 - 116	16%	SPK: 150		
1718-51-0	Terphenyl-d14	49.4			10 - 109	49%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	320000							
1146-65-2	Naphthalene-d8	1220000							
15067-26-2	Acenaphthene-d10	711000							
1517-22-2	Phenanthrene-d10	1220000							
1719-03-5	Chrysene-d12	1260000							
1520-96-3	Perylene-d12	1600000							

Raw Data: **BP026227.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	11/25/25
Project:	Building 50 Probe Investigation			Date Received:	11/26/25
Client Sample ID:	B50-SP11-112525			SDG No.:	Q3741
Lab Sample ID:	Q3741-05			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	84.6
Sample Wt/Vol:	30.05 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date:	12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026227.D
Acq On : 03 Dec 2025 14:56
Operator : RC/JU
Sample : Q3741-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Quant Time: Dec 03 15:24:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

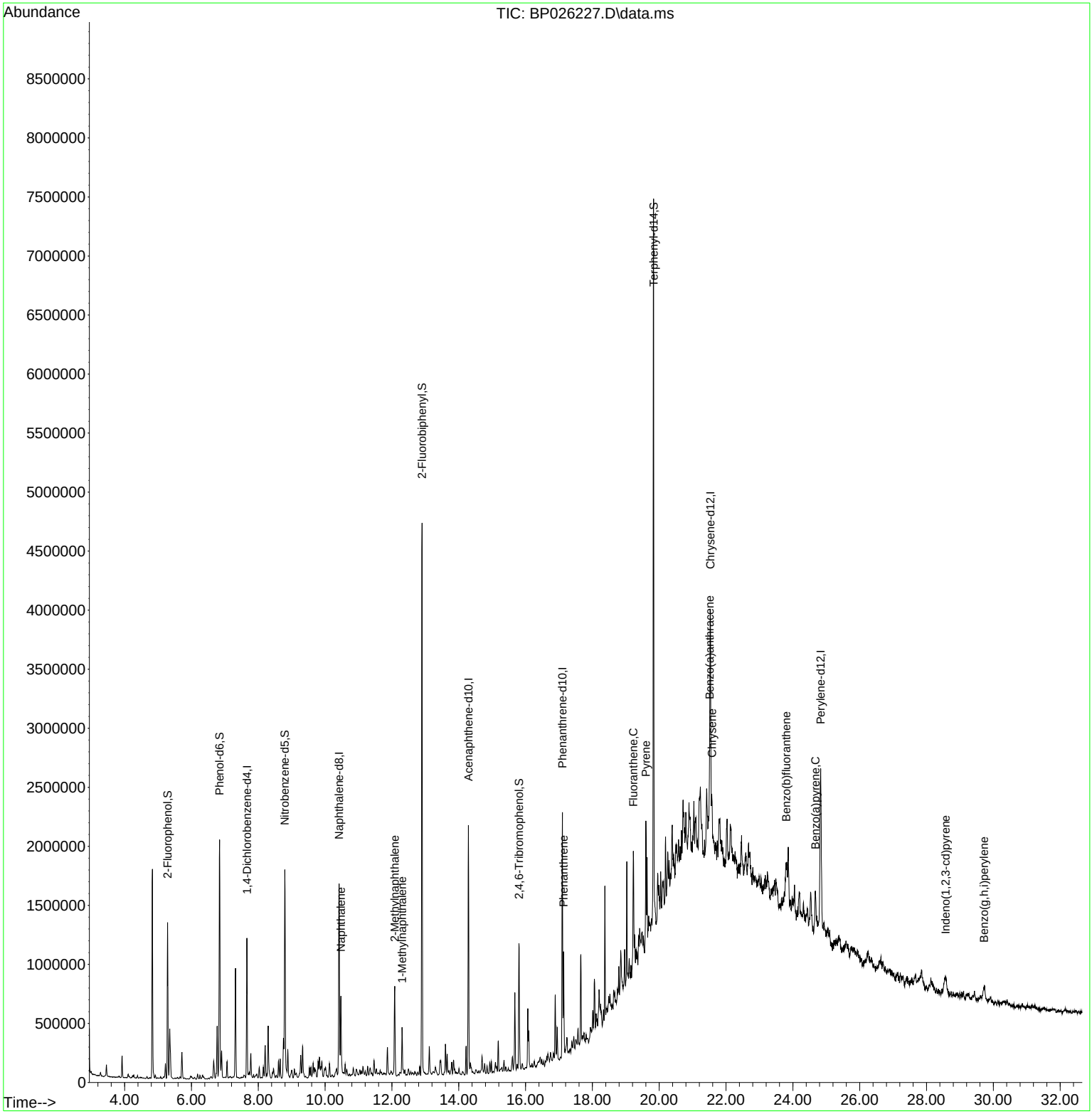
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.661	152	319635	20.000	ng		-0.01
21) Naphthalene-d8	10.419	136	1223619	20.000	ng		-0.03
39) Acenaphthene-d10	14.290	164	711475	20.000	ng		-0.04
64) Phenanthrene-d10	17.101	188	1217451	20.000	ng		-0.03
76) Chrysene-d12	21.530	240	1263324	20.000	ng		-0.04
86) Perylene-d12	24.830	264	1598655	20.000	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.284	112	591149	29.685	ng		0.00
7) Phenol-d6	6.843	99	1158202	45.685	ng		-0.01
23) Nitrobenzene-d5	8.796	82	1037839	48.178	ng		-0.02
42) 2,4,6-Tribromophenol	15.801	330	218358	23.659	ng		-0.04
45) 2-Fluorobiphenyl	12.901	172	2534177	52.202	ng		-0.03
79) Terphenyl-d14	19.830	244	3060533	49.398	ng		-0.04
Target Compounds							Qvalue
31) Naphthalene	10.472	128	514603	7.782	ng		99
37) 2-Methylnaphthalene	12.084	142	405157	8.642	ng		98
38) 1-Methylnaphthalene	12.301	142	184254	4.021	ng		98
71) Phenanthrene	17.137	178	536696	7.826	ng		100
75) Fluoranthene	19.225	202	668957	8.028	ng		100
78) Pyrene	19.601	202	609299	7.356	ng		98
81) Benzo(a)anthracene	21.507	228	319270	3.680	ng		96
83) Chrysene	21.583	228	367080m	4.489	ng		
87) Indeno(1,2,3-cd)pyrene	28.571	276	239878	2.001	ng	#	90
88) Benzo(b)fluoranthene	23.801	252	455383	4.678	ng	#	90
90) Benzo(a)pyrene	24.677	252	325535	3.530	ng	#	91
92) Benzo(g,h,i)perylene	29.724	276	253062	2.594	ng		98

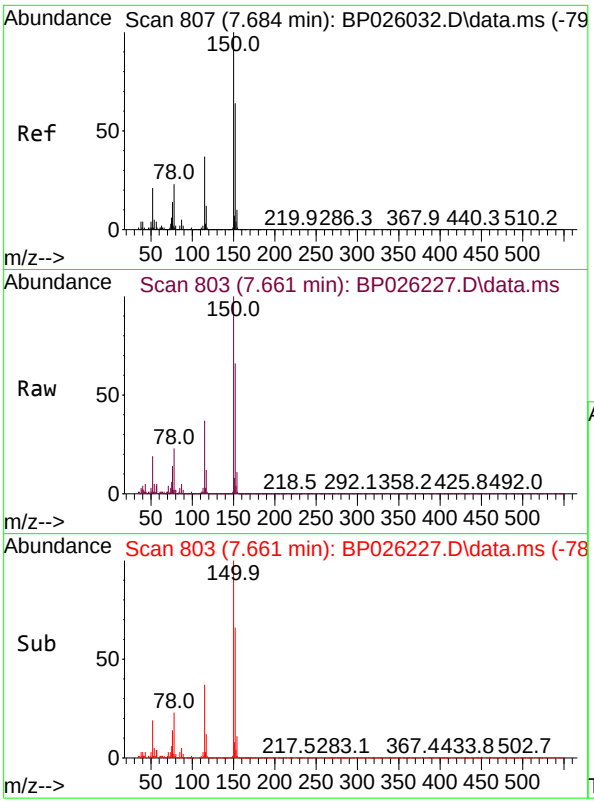
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026227.D
Acq On : 03 Dec 2025 14:56
Operator : RC/JU
Sample : Q3741-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Quant Time: Dec 03 15:24:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



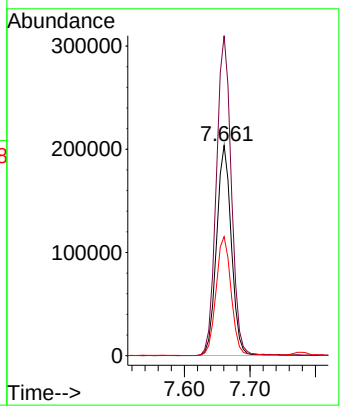


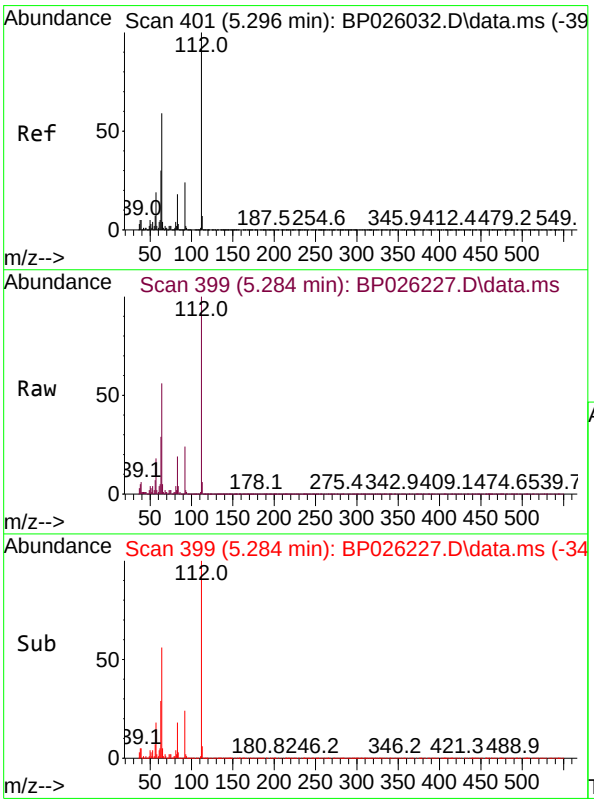
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.661 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:152 Resp: 319635

Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.0	184.6
115	56.6	46.3	69.5

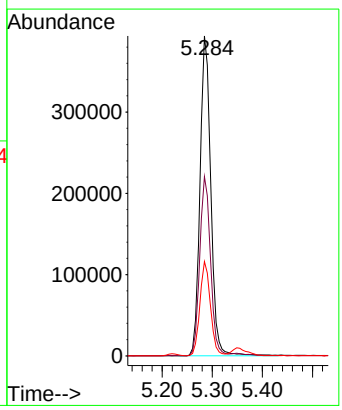


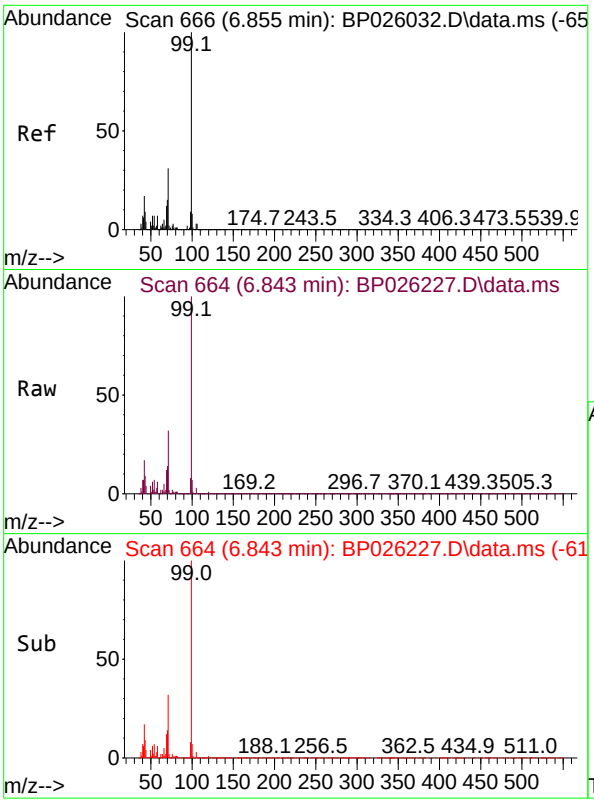


#5
2-Fluorophenol
Concen: 29.685 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:112 Resp: 591149

Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.8	68.6
63	29.5	23.5	35.3



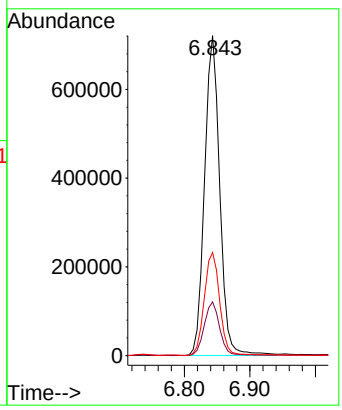


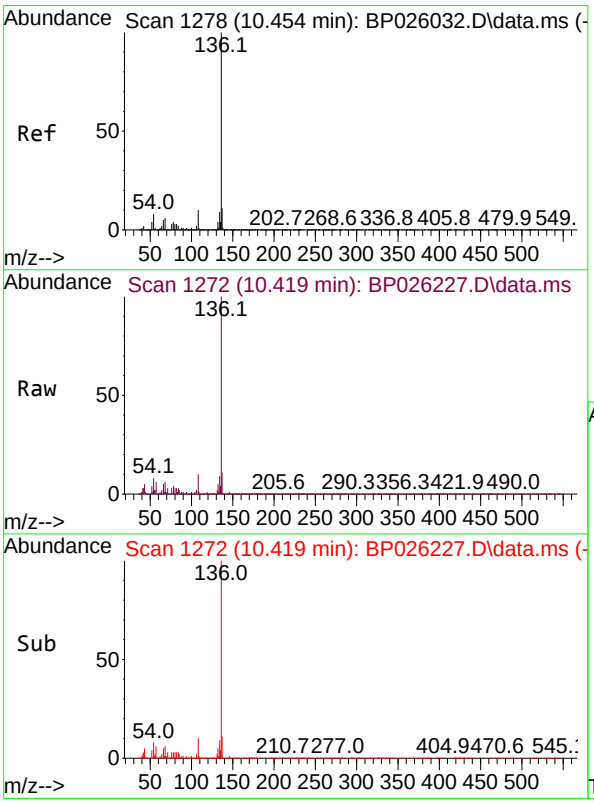
#7
Phenol-d6
Concen: 45.685 ng
RT: 6.843 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion: 99 Resp: 1158202

Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.9	19.3
71	32.2	24.8	37.2

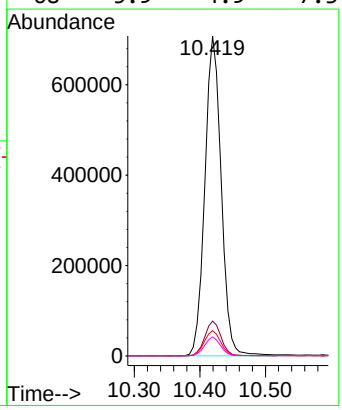


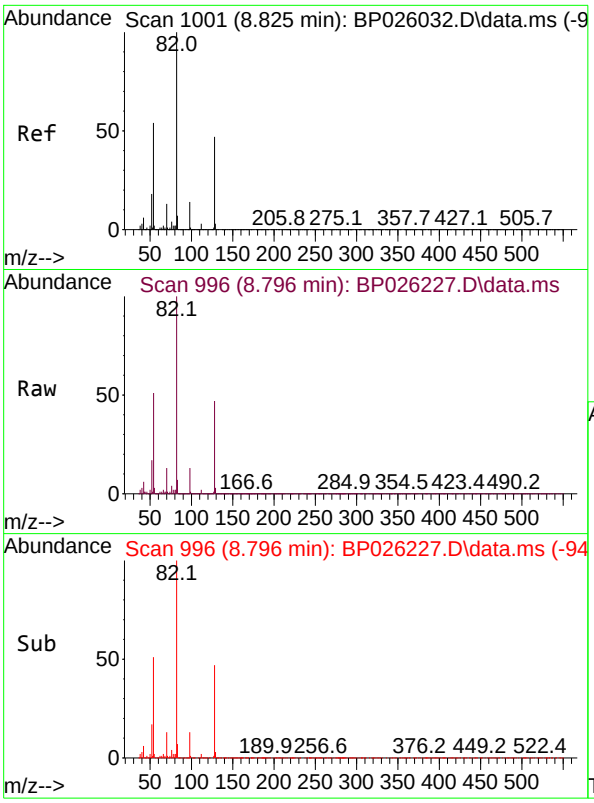


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.029 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:136 Resp: 1223619

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.9	6.4	9.6
68	5.9	4.9	7.3



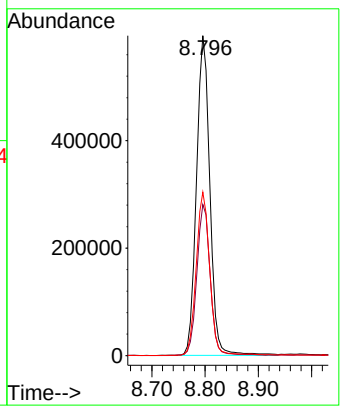


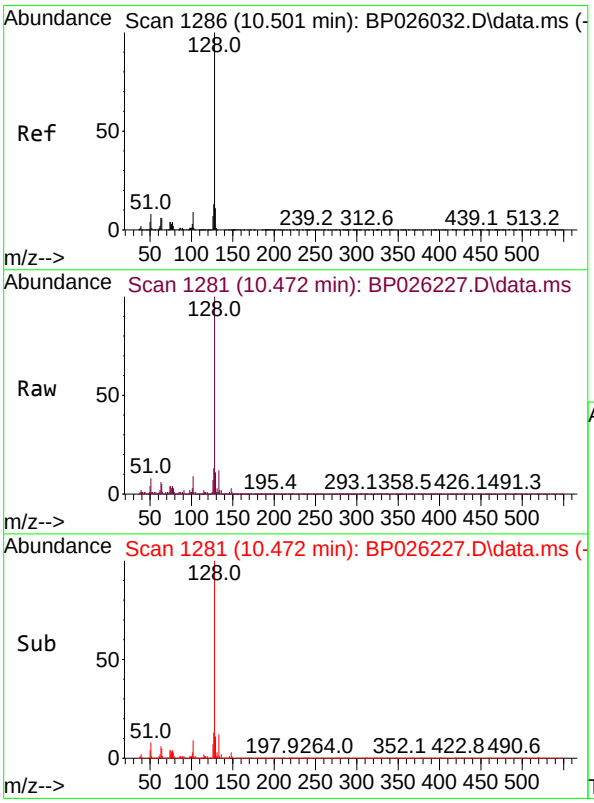
#23
Nitrobenzene-d5
Concen: 48.178 ng
RT: 8.796 min Scan# 9
Delta R.T. -0.017 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion: 82 Resp: 1037839

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.4	56.0
54	51.1	41.6	62.4

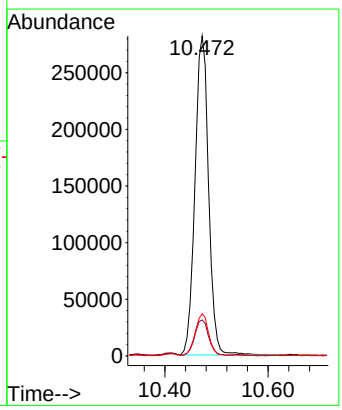


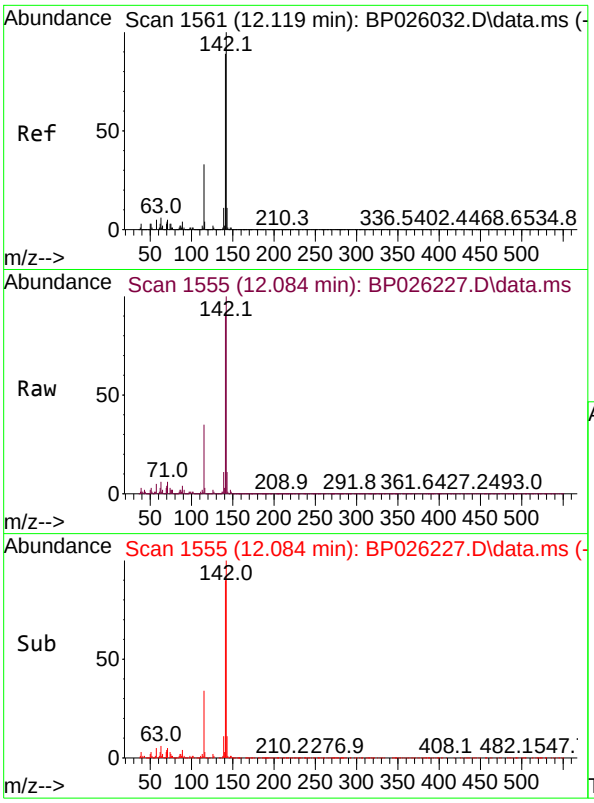


#31
Naphthalene
Concen: 7.782 ng
RT: 10.472 min Scan# 1281
Delta R.T. -0.023 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:128 Resp: 514603

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.1	10.2	15.4



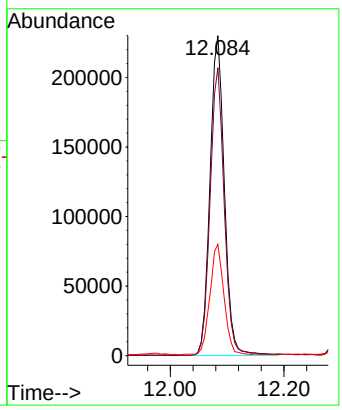


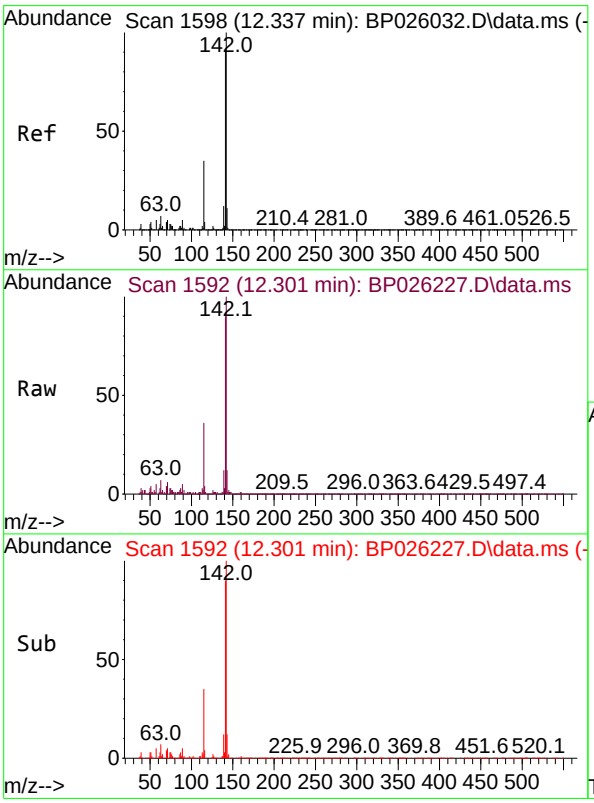
#37
2-Methylnaphthalene
Concen: 8.642 ng
RT: 12.084 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:142 Resp: 405157

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	34.8	26.6	39.8

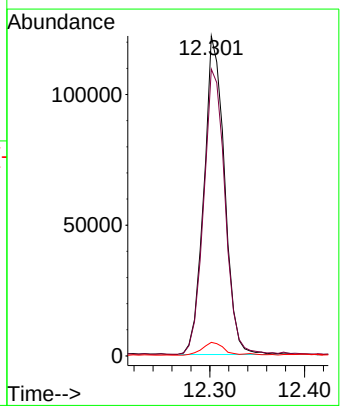


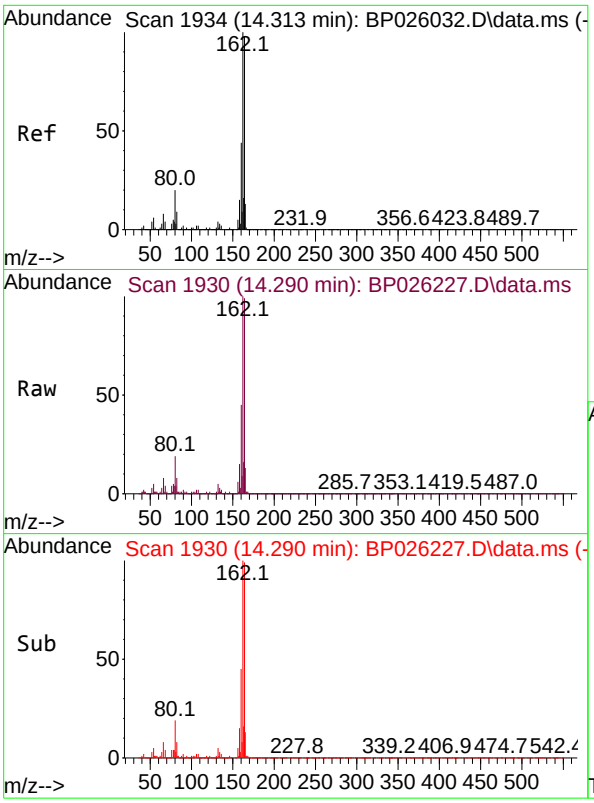


#38
1-Methylnaphthalene
Concen: 4.021 ng
RT: 12.301 min Scan# 1592
Delta R.T. -0.029 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:142 Resp: 184254

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.5	110.3
116	4.2	3.0	4.4



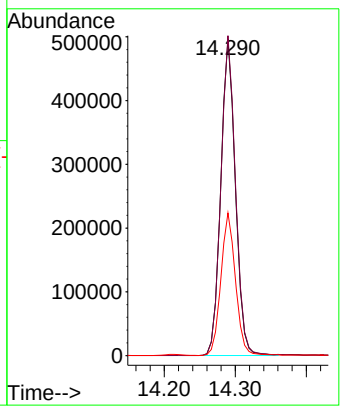


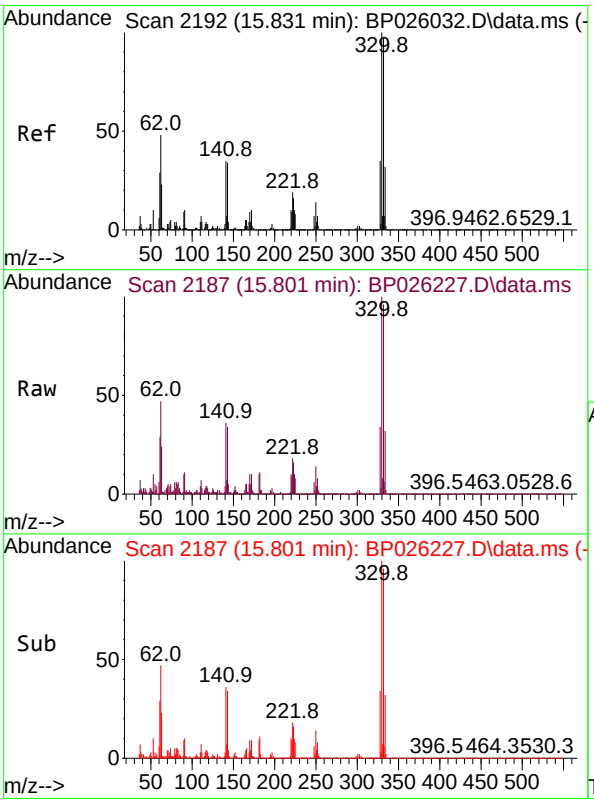
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.290 min Scan# 19
Delta R.T. -0.035 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:164 Resp: 711475

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.3	120.5
160	45.1	35.2	52.8

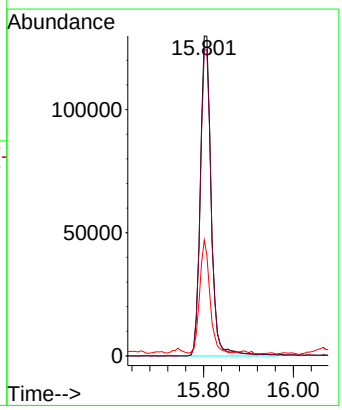


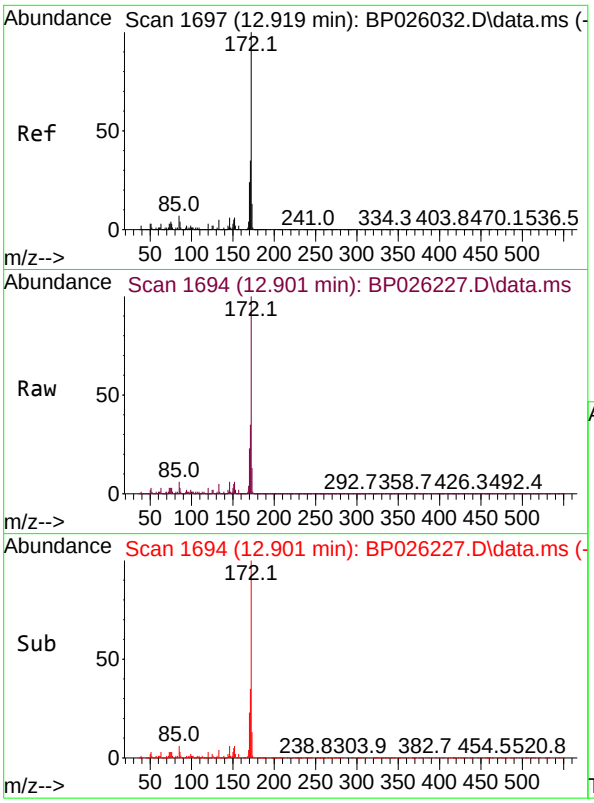


#42
2,4,6-Tribromophenol
Concen: 23.659 ng
RT: 15.801 min Scan# 2187
Delta R.T. -0.035 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:330 Resp: 218358

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	33.3	26.8	40.2



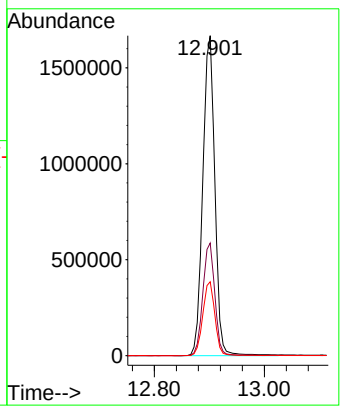


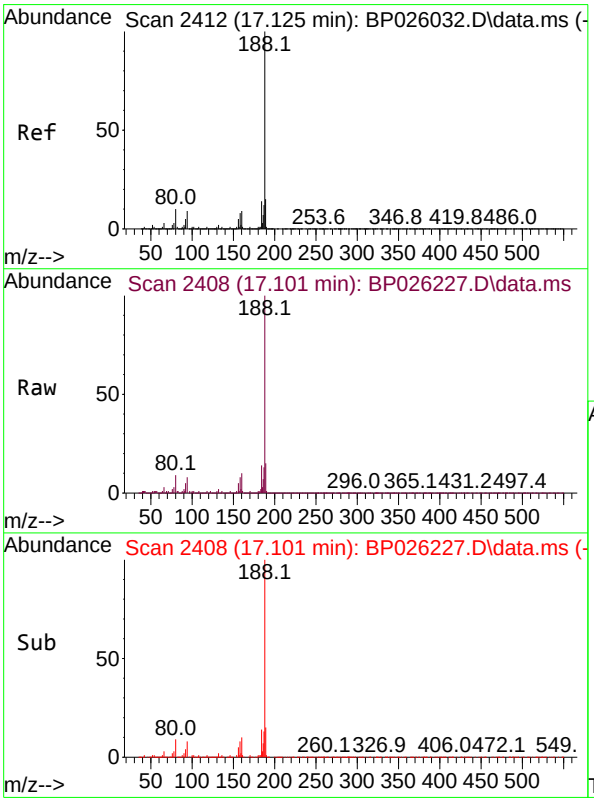
#45
2-Fluorobiphenyl
Concen: 52.202 ng
RT: 12.901 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:172 Resp: 2534177

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	23.1	18.7	28.1

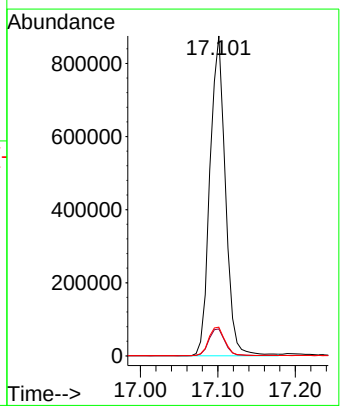


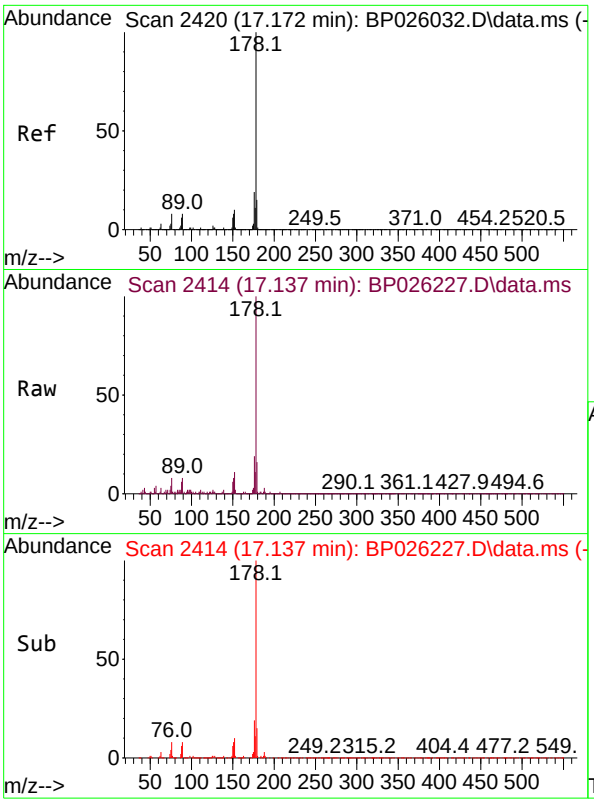


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.101 min Scan# 2408
Delta R.T. -0.029 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:188 Resp: 1217451

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.8	11.6
80	9.0	8.2	12.2



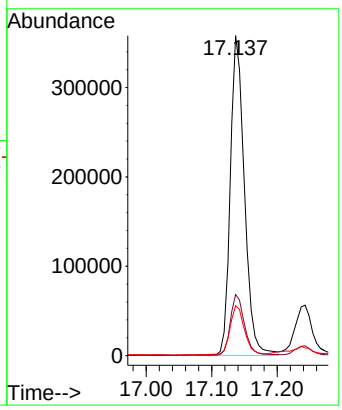


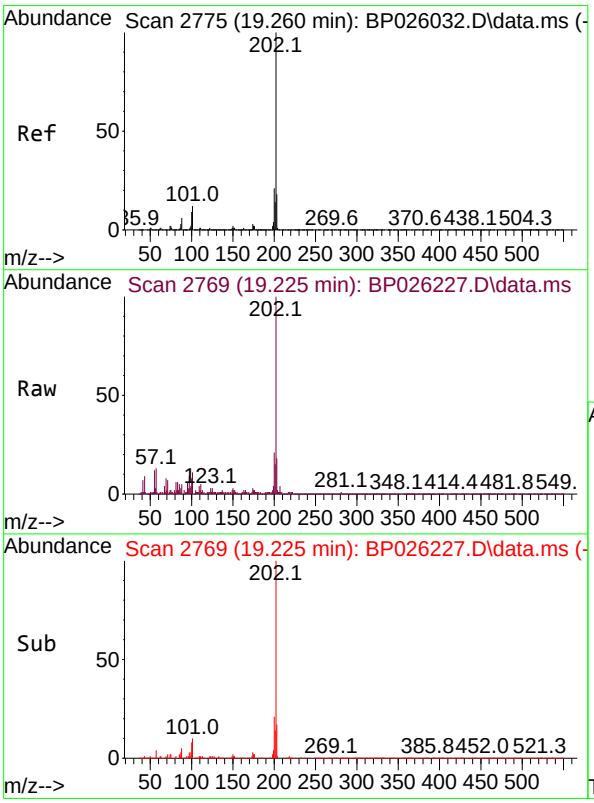
#71
Phenanthrene
Concen: 7.826 ng
RT: 17.137 min Scan# 24
Delta R.T. -0.041 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:178 Resp: 536696

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.6	12.4	18.6

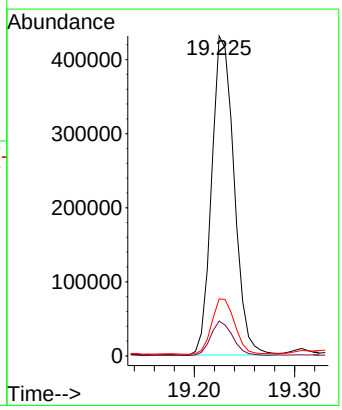


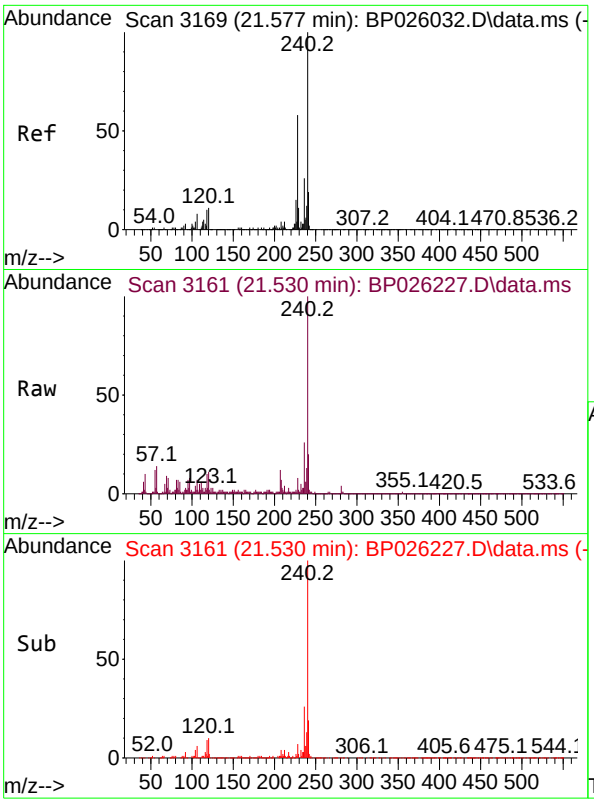


#75
Fluoranthene
Concen: 8.028 ng
RT: 19.225 min Scan# 2769
Delta R.T. -0.041 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:202 Resp: 668957

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.2
203	17.8	0.0	37.7



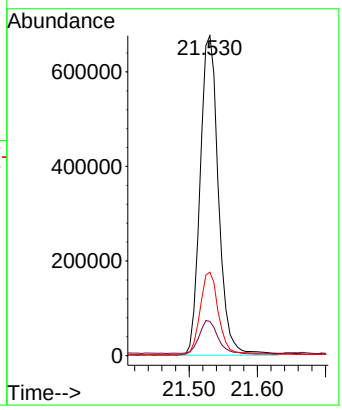


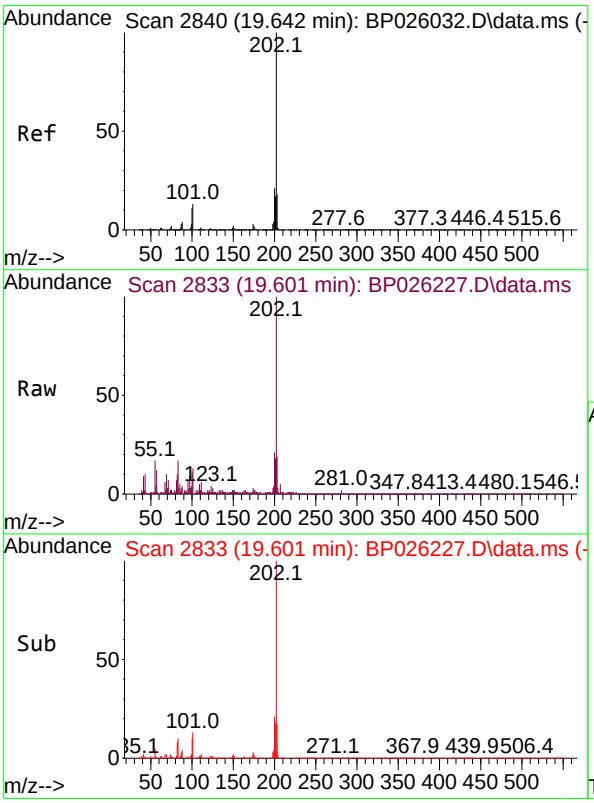
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 31
Delta R.T. -0.041 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:240 Resp: 1263324

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	26.1	20.4	30.6

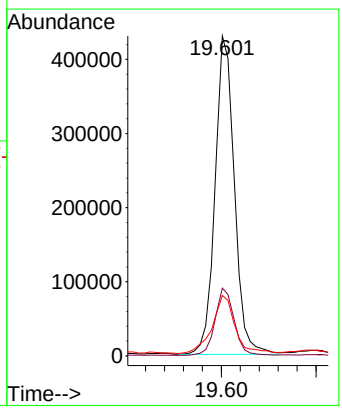


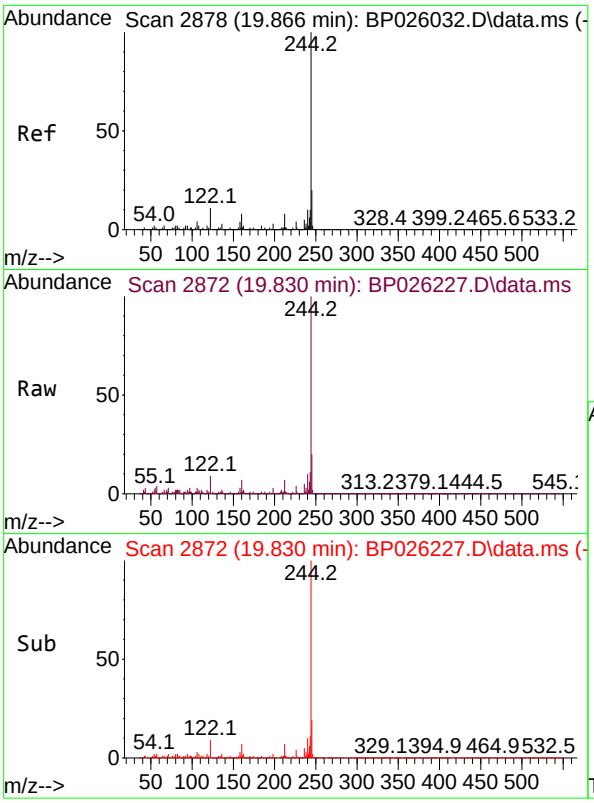


#78
Pyrene
Concen: 7.356 ng
RT: 19.601 min Scan# 2833
Delta R.T. -0.041 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:202 Resp: 609299

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.9	13.8	20.8



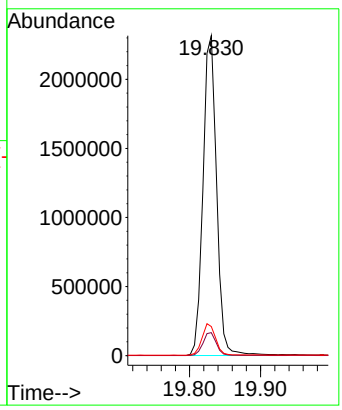


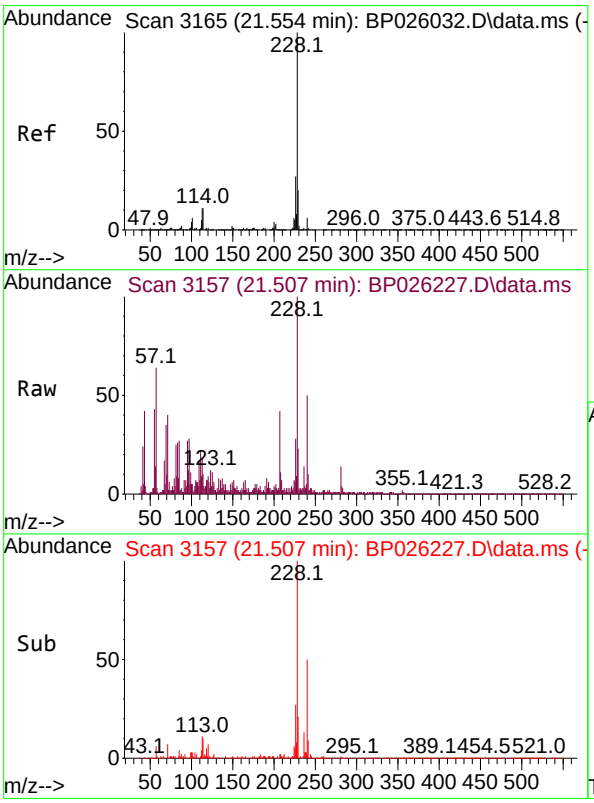
#79
Terphenyl-d14
Concen: 49.398 ng
RT: 19.830 min Scan# 28
Delta R.T. -0.041 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:244 Resp: 3060533

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	9.1	8.2	12.2

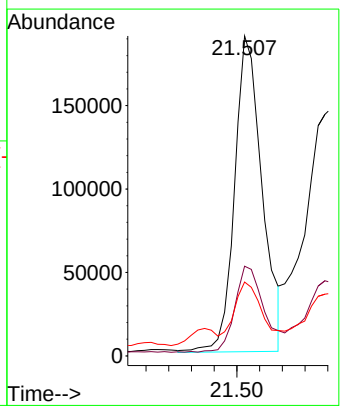


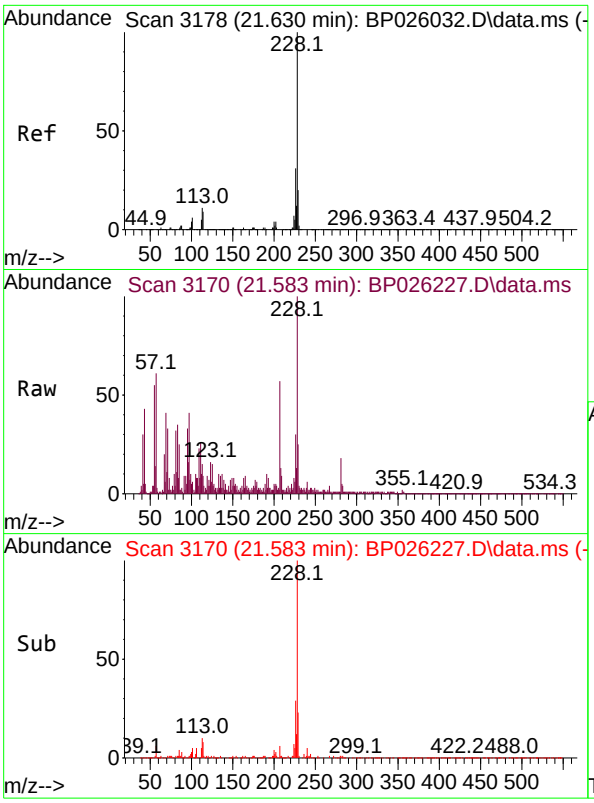


#81
Benzo(a)anthracene
Concen: 3.680 ng
RT: 21.507 min Scan# 3157
Delta R.T. -0.047 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:228 Resp: 319270

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	23.1	15.9	23.9



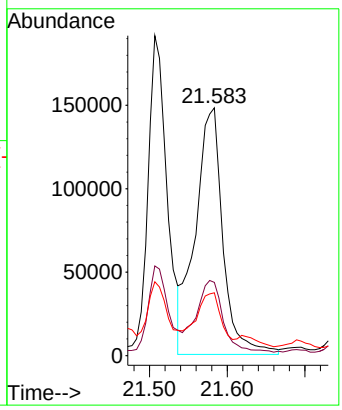


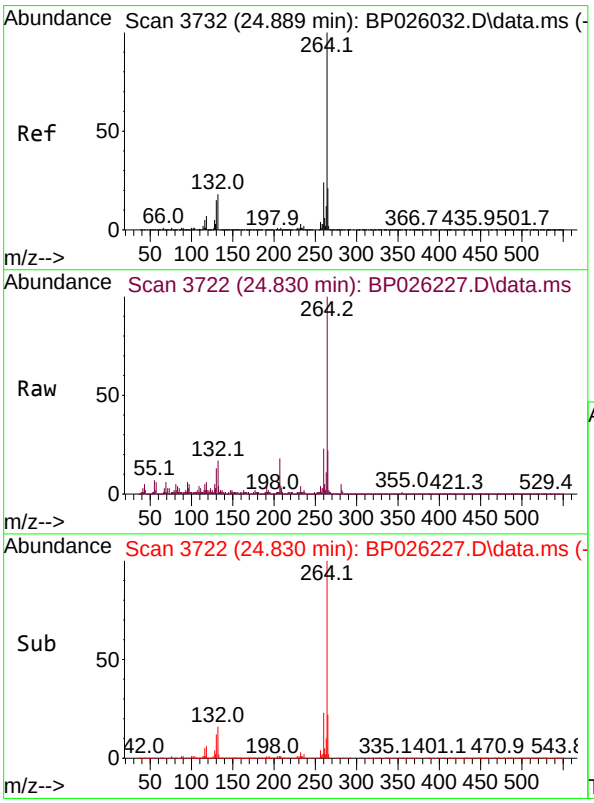
#83
Chrysene
Concen: 4.489 ng m
RT: 21.583 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:228 Resp: 367080

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	25.3	15.9	23.9#

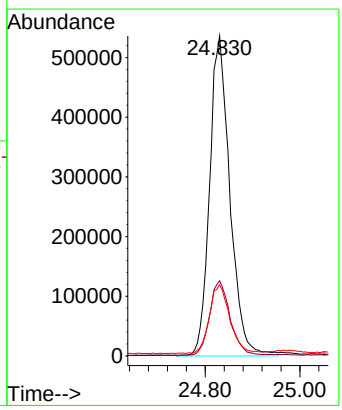


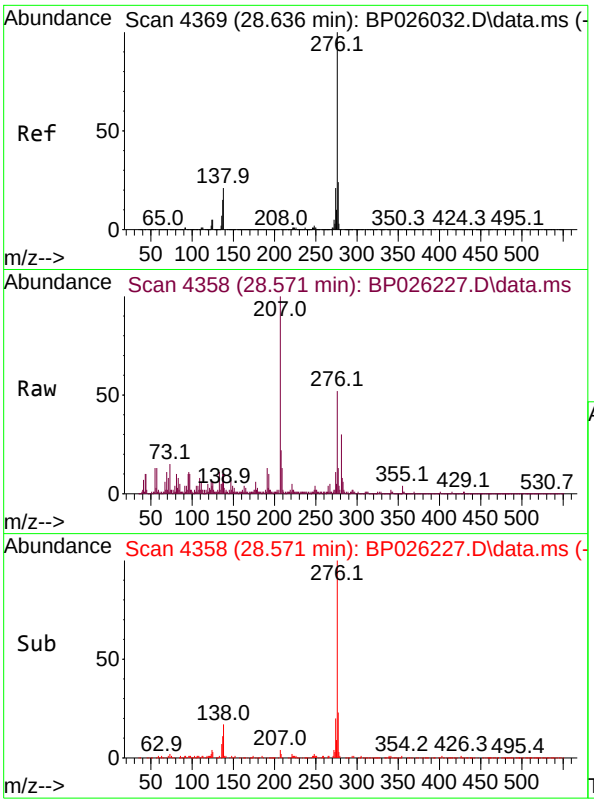


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.830 min Scan# 3722
Delta R.T. -0.076 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:264 Resp: 1598655

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.2	17.5	26.3



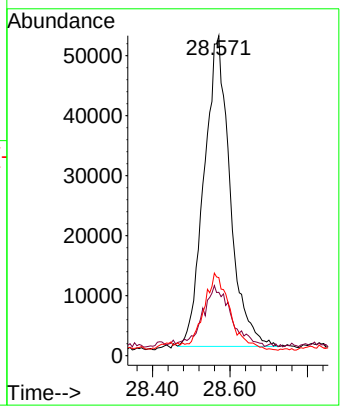


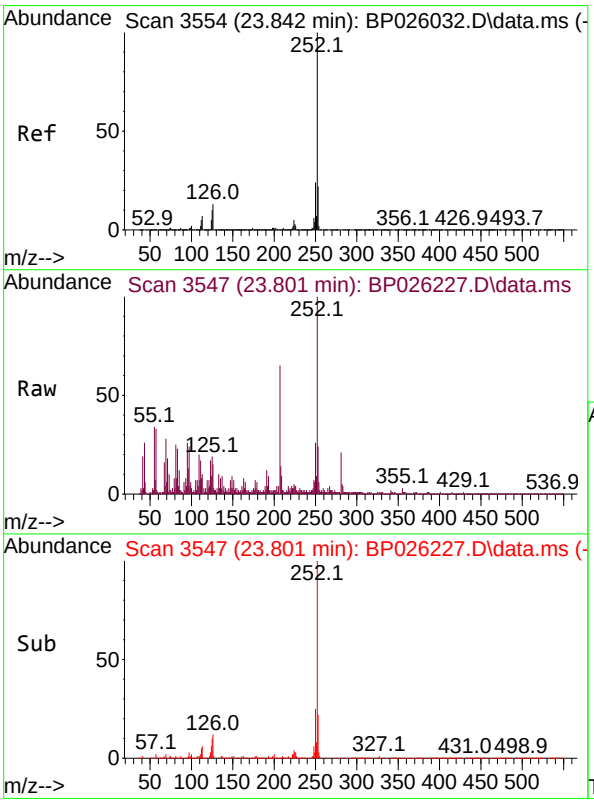
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.001 ng
RT: 28.571 min Scan# 4
Delta R.T. -0.135 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:276 Resp: 239878

Ion	Ratio	Lower	Upper
276	100		
138	22.4	13.8	20.8#
277	25.0	16.7	25.1

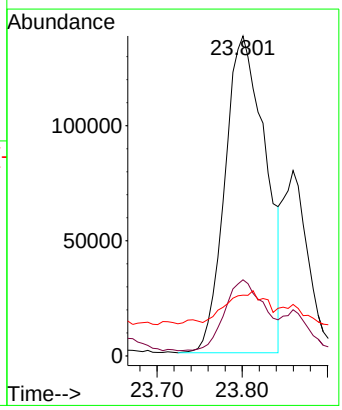


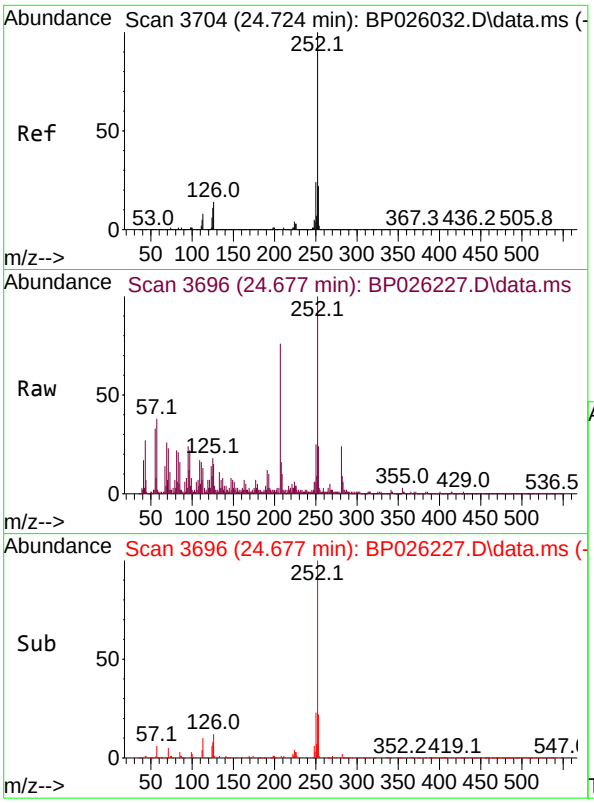


#88
Benzo(b)fluoranthene
Concen: 4.678 ng
RT: 23.801 min Scan# 3547
Delta R.T. -0.064 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:252 Resp: 455383

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	19.0	8.2	12.4#



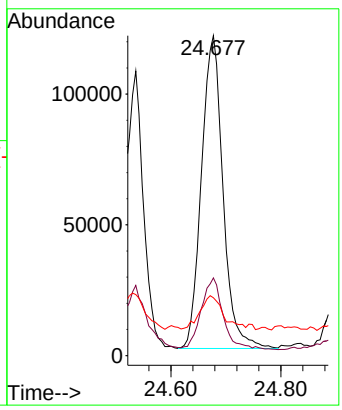


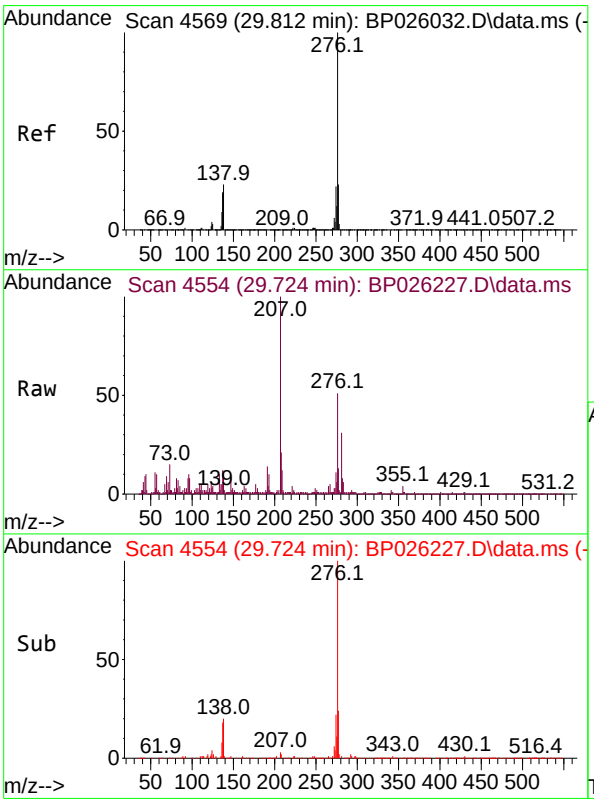
#90
Benzo(a)pyrene
Concen: 3.530 ng
RT: 24.677 min Scan# 3
Delta R.T. -0.076 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:252 Resp: 325535

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	18.1	9.0	13.6#

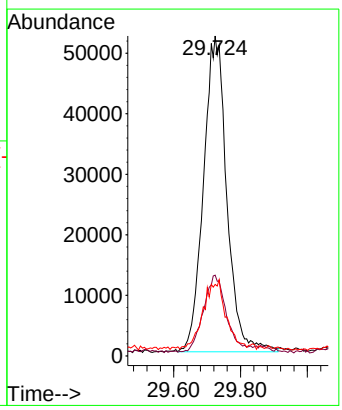




#92
Benzo(g,h,i)perylene
Concen: 2.594 ng
RT: 29.724 min Scan# 4554
Delta R.T. -0.159 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:276 Resp: 253062

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.8	28.2
138	22.3	17.8	26.6



Raw Data: **BP026235.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525	SDG No.:	Q3741
Lab Sample ID:	Q3741-06	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	85.9
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541 Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	380	ug/Kg	12/03/25 20:24	PB170797
108-95-2	Phenol	25.7	U	1	25.7	200	ug/Kg	12/03/25 20:24	PB170797
111-44-4	bis(2-Chloroethyl)ether	28.2	U	1	28.2	200	ug/Kg	12/03/25 20:24	PB170797
95-57-8	2-Chlorophenol	28.3	U	1	28.3	200	ug/Kg	12/03/25 20:24	PB170797
95-48-7	2-Methylphenol	34.7	U	1	34.7	200	ug/Kg	12/03/25 20:24	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	43.5	U	1	43.5	200	ug/Kg	12/03/25 20:24	PB170797
98-86-2	Acetophenone	34.3	U	1	34.3	200	ug/Kg	12/03/25 20:24	PB170797
65794-96-9	3+4-Methylphenols	47.7	U	1	47.7	380	ug/Kg	12/03/25 20:24	PB170797
621-64-7	n-Nitroso-di-n-propylamine	55.0	U	1	55.0	92.9	ug/Kg	12/03/25 20:24	PB170797
67-72-1	Hexachloroethane	20.4	U	1	20.4	200	ug/Kg	12/03/25 20:24	PB170797
98-95-3	Nitrobenzene	21.2	U	1	21.2	200	ug/Kg	12/03/25 20:24	PB170797
78-59-1	Isophorone	38.1	U	1	38.1	200	ug/Kg	12/03/25 20:24	PB170797
88-75-5	2-Nitrophenol	67.6	U	1	67.6	200	ug/Kg	12/03/25 20:24	PB170797
105-67-9	2,4-Dimethylphenol	75.2	U	1	75.2	200	ug/Kg	12/03/25 20:24	PB170797
111-91-1	bis(2-Chloroethoxy)methane	35.8	U	1	35.8	200	ug/Kg	12/03/25 20:24	PB170797
120-83-2	2,4-Dichlorophenol	32.9	U	1	32.9	200	ug/Kg	12/03/25 20:24	PB170797
91-20-3	Naphthalene	26.4	U	1	26.4	200	ug/Kg	12/03/25 20:24	PB170797
106-47-8	4-Chloroaniline	41.1	U	1	41.1	200	ug/Kg	12/03/25 20:24	PB170797
87-68-3	Hexachlorobutadiene	29.4	U	1	29.4	200	ug/Kg	12/03/25 20:24	PB170797
105-60-2	Caprolactam	60.5	UQ	1	60.5	380	ug/Kg	12/03/25 20:24	PB170797
59-50-7	4-Chloro-3-methylphenol	33.3	U	1	33.3	200	ug/Kg	12/03/25 20:24	PB170797
91-57-6	2-Methylnaphthalene	29.7	U	1	29.7	200	ug/Kg	12/03/25 20:24	PB170797
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	380	ug/Kg	12/03/25 20:24	PB170797
88-06-2	2,4,6-Trichlorophenol	23.0	U	1	23.0	200	ug/Kg	12/03/25 20:24	PB170797
95-95-4	2,4,5-Trichlorophenol	33.8	U	1	33.8	200	ug/Kg	12/03/25 20:24	PB170797
92-52-4	1,1-Biphenyl	25.3	U	1	25.3	200	ug/Kg	12/03/25 20:24	PB170797
91-58-7	2-Chloronaphthalene	26.1	U	1	26.1	200	ug/Kg	12/03/25 20:24	PB170797
88-74-4	2-Nitroaniline	55.8	U	1	55.8	200	ug/Kg	12/03/25 20:24	PB170797
131-11-3	Dimethylphthalate	31.5	U	1	31.5	200	ug/Kg	12/03/25 20:24	PB170797
208-96-8	Acenaphthylene	33.6	U	1	33.6	200	ug/Kg	12/03/25 20:24	PB170797
606-20-2	2,6-Dinitrotoluene	39.0	U	1	39.0	200	ug/Kg	12/03/25 20:24	PB170797
99-09-2	3-Nitroaniline	53.4	U	1	53.4	200	ug/Kg	12/03/25 20:24	PB170797
83-32-9	Acenaphthene	24.7	U	1	24.7	200	ug/Kg	12/03/25 20:24	PB170797
51-28-5	2,4-Dinitrophenol	270	U	1	270	380	ug/Kg	12/03/25 20:24	PB170797
100-02-7	4-Nitrophenol	120	U	1	120	380	ug/Kg	12/03/25 20:24	PB170797
132-64-9	Dibenzofuran	26.4	U	1	26.4	200	ug/Kg	12/03/25 20:24	PB170797
121-14-2	2,4-Dinitrotoluene	58.2	UQ	1	58.2	200	ug/Kg	12/03/25 20:24	PB170797
84-66-2	Diethylphthalate	32.9	U	1	32.9	200	ug/Kg	12/03/25 20:24	PB170797
7005-72-3	4-Chlorophenyl-phenylether	31.0	U	1	31.0	200	ug/Kg	12/03/25 20:24	PB170797
86-73-7	Fluorene	29.4	U	1	29.4	200	ug/Kg	12/03/25 20:24	PB170797
100-01-6	4-Nitroaniline	74.5	U	1	74.5	200	ug/Kg	12/03/25 20:24	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	380	ug/Kg	12/03/25 20:24	PB170797

Raw Data: **BP026235.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	11/25/25
Project:	Building 50 Probe Investigation			Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525			SDG No.:	Q3741
Lab Sample ID:	Q3741-06			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	85.9
Sample Wt/Vol:	30.08 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date:	12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.2	U	1	38.2	200	ug/Kg	12/03/25 20:24	PB170797
101-55-3	4-Bromophenyl-phenylether	32.3	U	1	32.3	200	ug/Kg	12/03/25 20:24	PB170797
118-74-1	Hexachlorobenzene	29.4	U	1	29.4	200	ug/Kg	12/03/25 20:24	PB170797
1912-24-9	Atrazine	39.5	U	1	39.5	200	ug/Kg	12/03/25 20:24	PB170797
87-86-5	Pentachlorophenol	59.6	U	1	59.6	380	ug/Kg	12/03/25 20:24	PB170797
85-01-8	Phenanthrene	420		1	24.3	200	ug/Kg	12/03/25 20:24	PB170797
120-12-7	Anthracene	38.7	U	1	38.7	200	ug/Kg	12/03/25 20:24	PB170797
86-74-8	Carbazole	36.2	U	1	36.2	200	ug/Kg	12/03/25 20:24	PB170797
84-74-2	Di-n-butylphthalate	55.6	U	1	55.6	200	ug/Kg	12/03/25 20:24	PB170797
206-44-0	Fluoranthene	420		1	34.8	200	ug/Kg	12/03/25 20:24	PB170797
129-00-0	Pyrene	420		1	41.8	200	ug/Kg	12/03/25 20:24	PB170797
85-68-7	Butylbenzylphthalate	82.9	U	1	82.9	200	ug/Kg	12/03/25 20:24	PB170797
91-94-1	3,3-Dichlorobenzidine	42.6	U	1	42.6	380	ug/Kg	12/03/25 20:24	PB170797
56-55-3	Benzo(a)anthracene	250		1	26.7	200	ug/Kg	12/03/25 20:24	PB170797
218-01-9	Chrysene	270		1	23.1	200	ug/Kg	12/03/25 20:24	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	68.7	U	1	68.7	200	ug/Kg	12/03/25 20:24	PB170797
117-84-0	Di-n-octyl phthalate	100	U	1	100	380	ug/Kg	12/03/25 20:24	PB170797
205-99-2	Benzo(b)fluoranthene	310		1	22.1	200	ug/Kg	12/03/25 20:24	PB170797
207-08-9	Benzo(k)fluoranthene	120	J	1	26.0	200	ug/Kg	12/03/25 20:24	PB170797
50-32-8	Benzo(a)pyrene	280		1	34.3	200	ug/Kg	12/03/25 20:24	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	1	33.8	200	ug/Kg	12/03/25 20:24	PB170797
53-70-3	Dibenzo(a,h)anthracene	31.8	U	1	31.8	200	ug/Kg	12/03/25 20:24	PB170797
191-24-2	Benzo(g,h,i)perylene	170	J	1	29.8	200	ug/Kg	12/03/25 20:24	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	29.7	U	1	29.7	200	ug/Kg	12/03/25 20:24	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	31.8	U	1	31.8	200	ug/Kg	12/03/25 20:24	PB170797
SURROGATES									
367-12-4	2-Fluorophenol	56.6			10 - 105	38%	SPK: 150		
13127-88-3	Phenol-d6	76.5			10 - 103	51%	SPK: 150		
4165-60-0	Nitrobenzene-d5	53.6			10 - 108	54%	SPK: 100		
321-60-8	2-Fluorobiphenyl	59.0			10 - 108	59%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	41.5			10 - 116	28%	SPK: 150		
1718-51-0	Terphenyl-d14	53.5			10 - 109	54%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	317000							
1146-65-2	Naphthalene-d8	1280000							
15067-26-2	Acenaphthene-d10	788000							
1517-22-2	Phenanthrene-d10	1230000							
1719-03-5	Chrysene-d12	1200000							
1520-96-3	Perylene-d12	1570000							

Raw Data: **BP026235.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	11/25/25
Project:	Building 50 Probe Investigation			Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525			SDG No.:	Q3741
Lab Sample ID:	Q3741-06			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	85.9
Sample Wt/Vol:	30.08 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date:	12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026235.D
Acq On : 03 Dec 2025 20:24
Operator : RC/JU
Sample : Q3741-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Quant Time: Dec 04 00:06:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

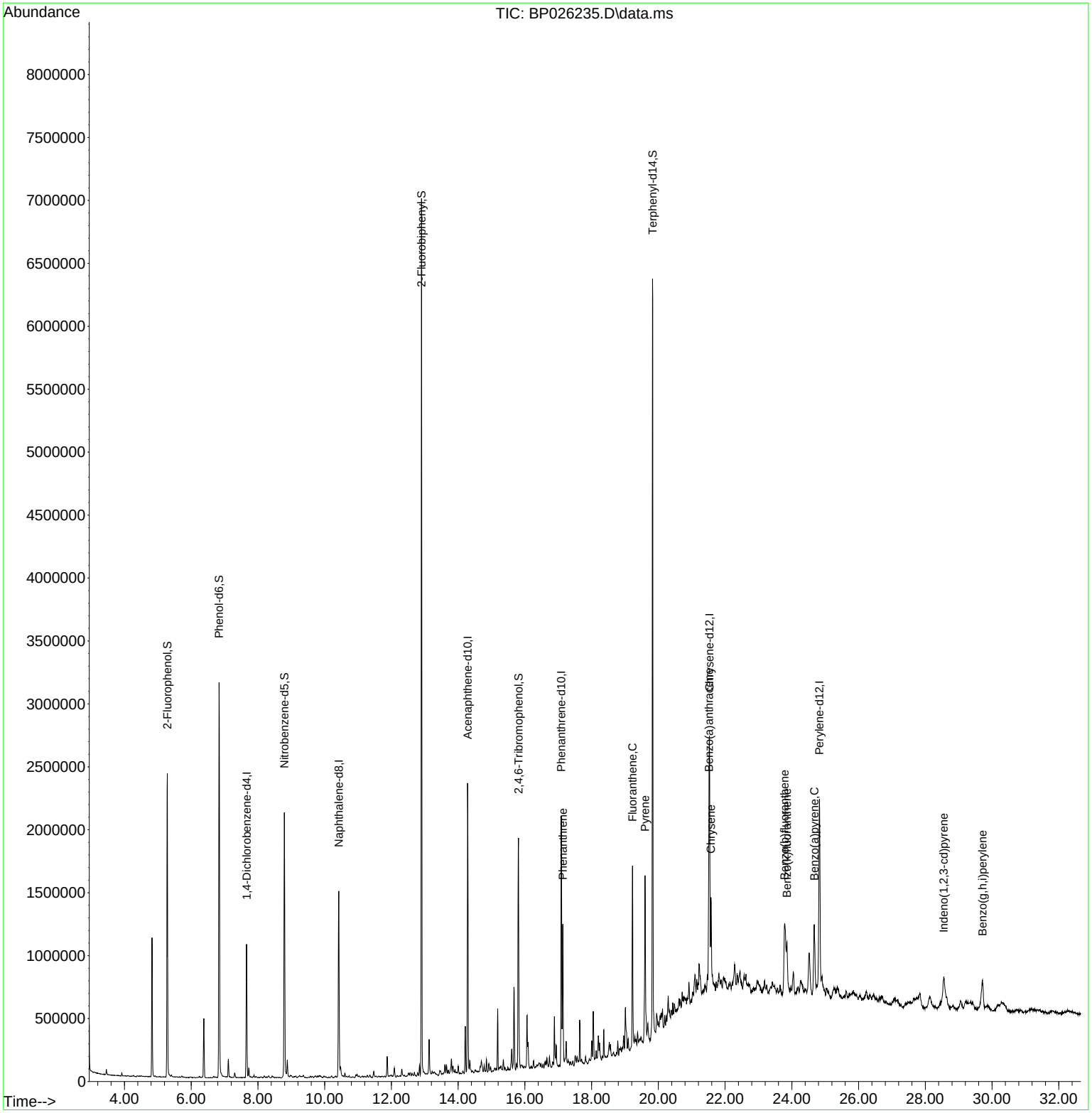
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.661	152	316661	20.000	ng		-0.01
21) Naphthalene-d8	10.425	136	1283087	20.000	ng		-0.02
39) Acenaphthene-d10	14.284	164	788396	20.000	ng		-0.04
64) Phenanthrene-d10	17.089	188	1231674	20.000	ng		-0.04
76) Chrysene-d12	21.530	240	1204285	20.000	ng		-0.04
86) Perylene-d12	24.824	264	1573376	20.000	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.284	112	1115841	56.560	ng		0.00
7) Phenol-d6	6.837	99	1922623	76.550	ng		-0.02
23) Nitrobenzene-d5	8.790	82	1210164	53.574	ng		-0.02
42) 2,4,6-Tribromophenol	15.807	330	424939	41.549	ng		-0.03
45) 2-Fluorobiphenyl	12.901	172	3171234	58.952	ng		-0.03
79) Terphenyl-d14	19.825	244	3162222	53.542	ng		-0.05
Target Compounds							Qvalue
71) Phenanthrene	17.137	178	756617	10.905	ng		100
75) Fluoranthene	19.225	202	922915	10.948	ng		98
78) Pyrene	19.601	202	854132	10.817	ng		99
81) Benzo(a)anthracene	21.513	228	535889	6.479	ng		96
83) Chrysene	21.577	228	535436m	6.869	ng		
87) Indeno(1,2,3-cd)pyrene	28.554	276	435240	3.689	ng	#	92
88) Benzo(b)fluoranthene	23.783	252	775080	8.089	ng		97
89) Benzo(k)fluoranthene	23.854	252	300938m	3.145	ng		
90) Benzo(a)pyrene	24.671	252	657636	7.246	ng		96
92) Benzo(g,h,i)perylene	29.712	276	412184	4.293	ng		97

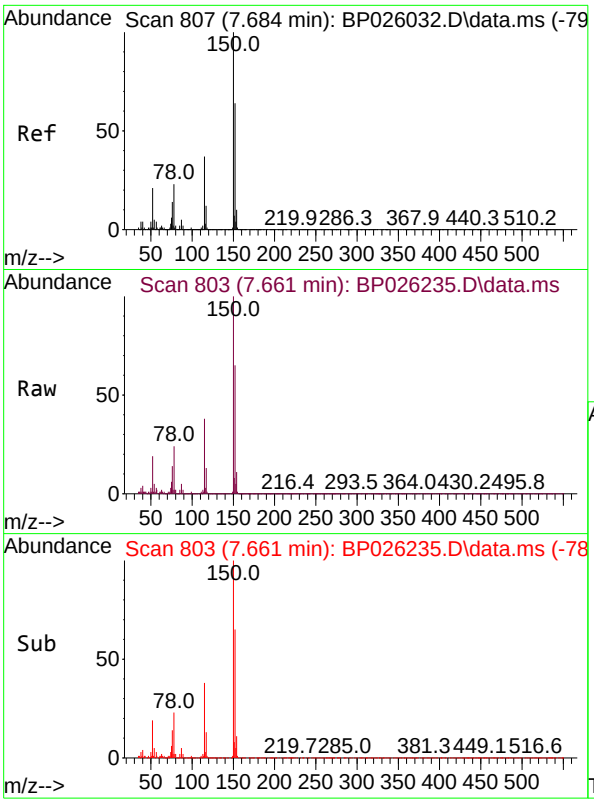
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026235.D
Acq On : 03 Dec 2025 20:24
Operator : RC/JU
Sample : Q3741-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Quant Time: Dec 04 00:06:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



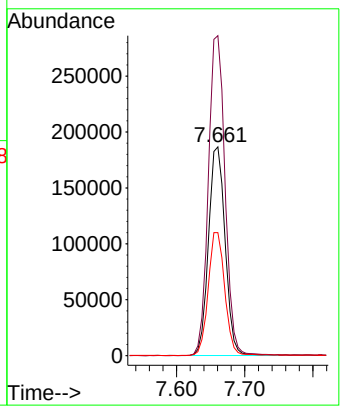


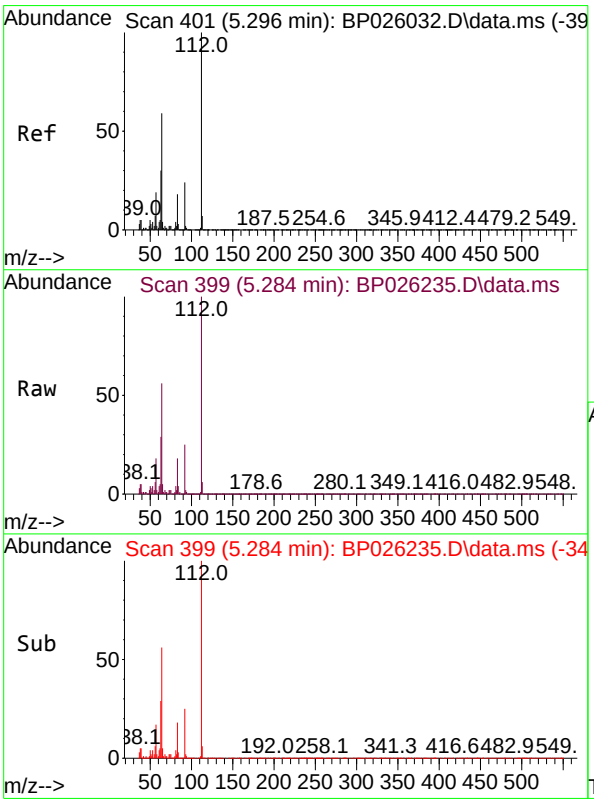
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.661 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:152 Resp: 316661

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.0	184.6
115	58.9	46.3	69.5

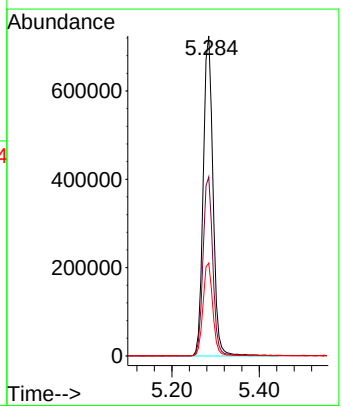


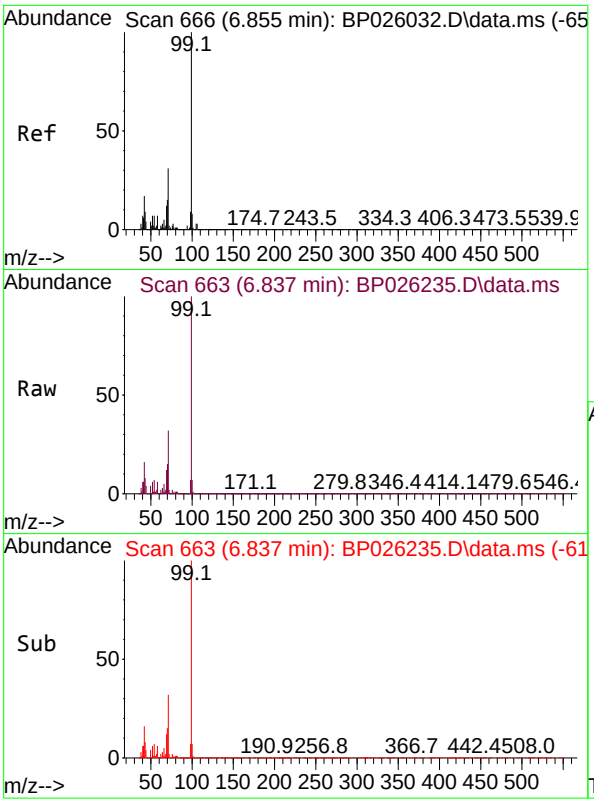


#5
2-Fluorophenol
Concen: 56.560 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:112 Resp: 1115841

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.8	68.6
63	29.0	23.5	35.3



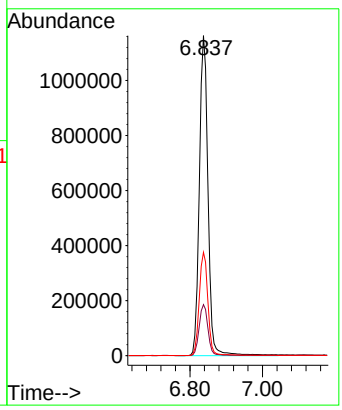


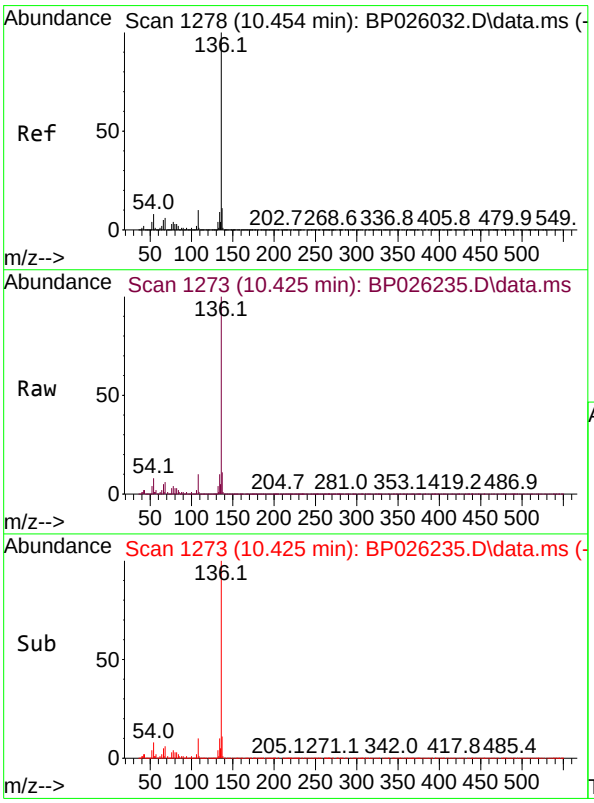
#7
Phenol-d6
Concen: 76.550 ng
RT: 6.837 min Scan# 6
Delta R.T. -0.017 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion: 99 Resp: 1922623

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.9	19.3
71	32.3	24.8	37.2

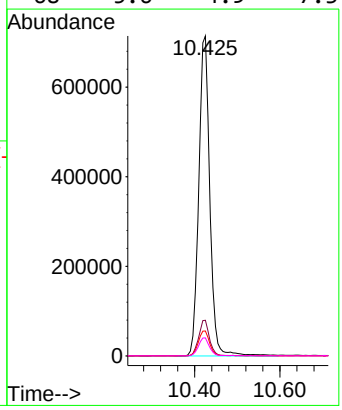


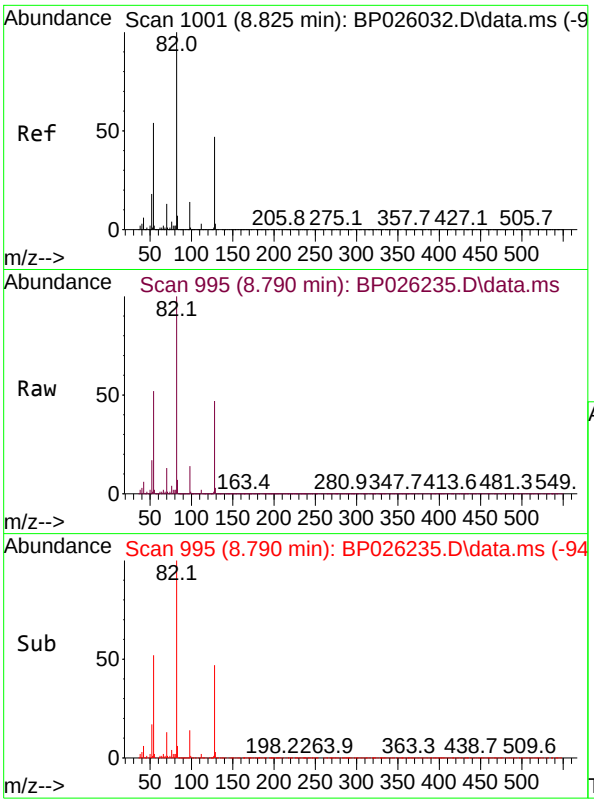


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.023 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:136 Resp: 1283087

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.8	6.4	9.6
68	5.6	4.9	7.3



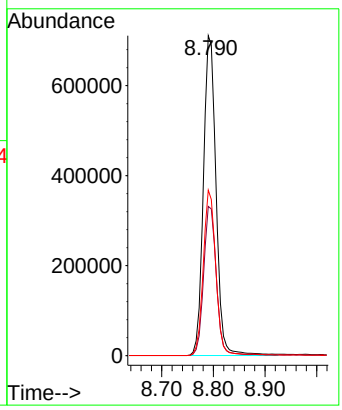


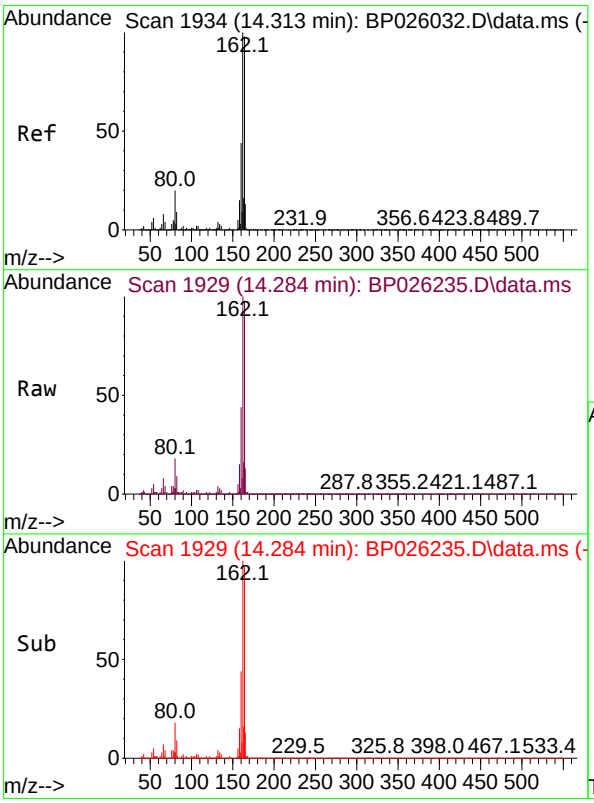
#23
Nitrobenzene-d5
Concen: 53.574 ng
RT: 8.790 min Scan# 99
Delta R.T. -0.023 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion: 82 Resp: 1210164

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.0
54	51.7	41.6	62.4

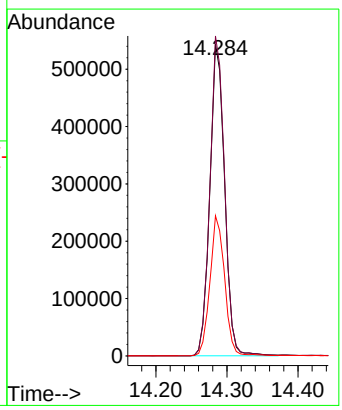


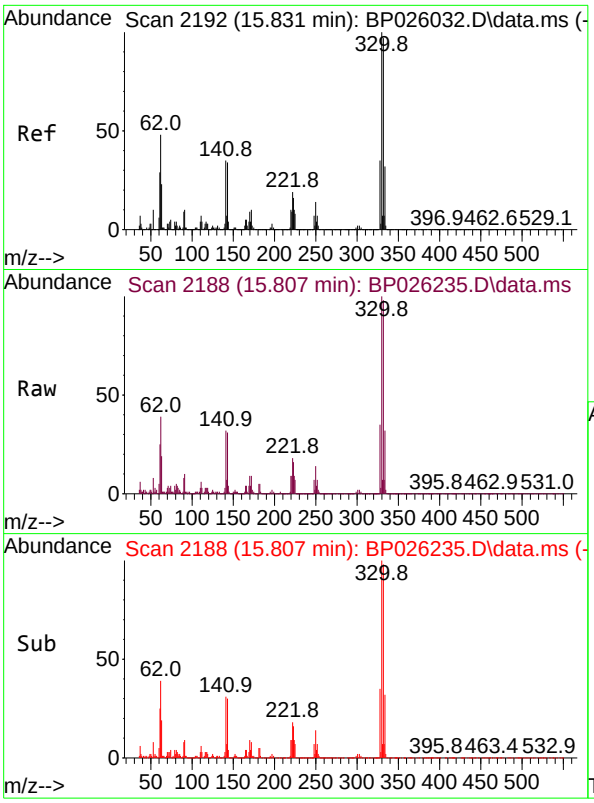


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.041 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:164 Resp: 788396

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.3	120.5
160	44.9	35.2	52.8



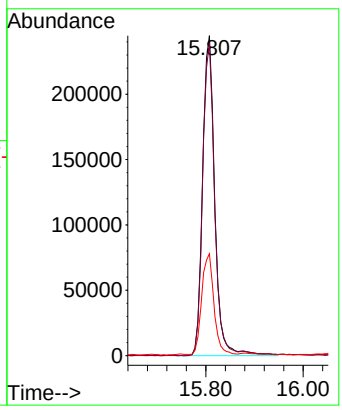


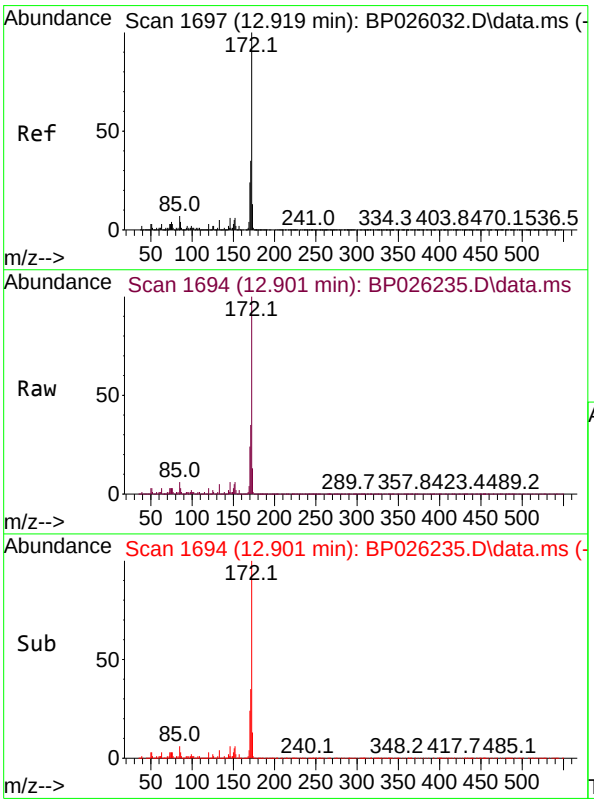
#42
2,4,6-Tribromophenol
Concen: 41.549 ng
RT: 15.807 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:330 Resp: 424939

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.0	117.0
141	31.3	26.8	40.2

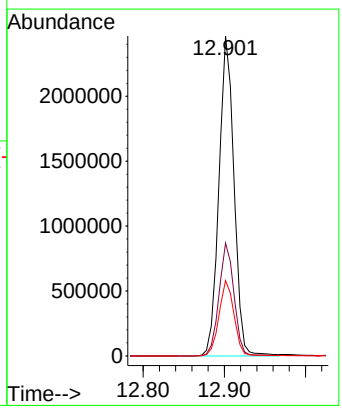


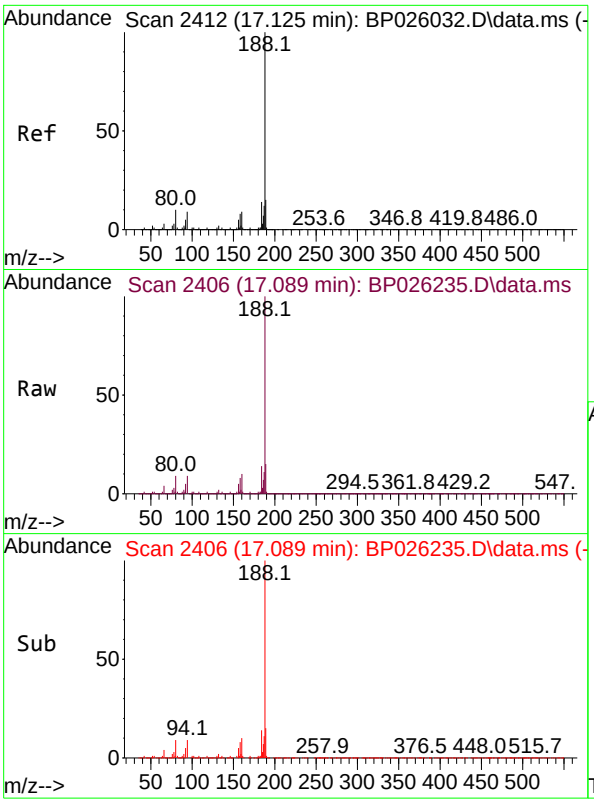


#45
2-Fluorobiphenyl
Concen: 58.952 ng
RT: 12.901 min Scan# 1694
Delta R.T. -0.029 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:172 Resp: 3171234

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	23.5	18.7	28.1



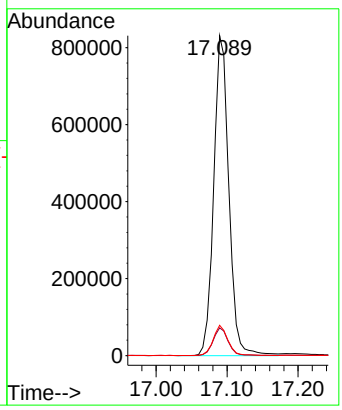


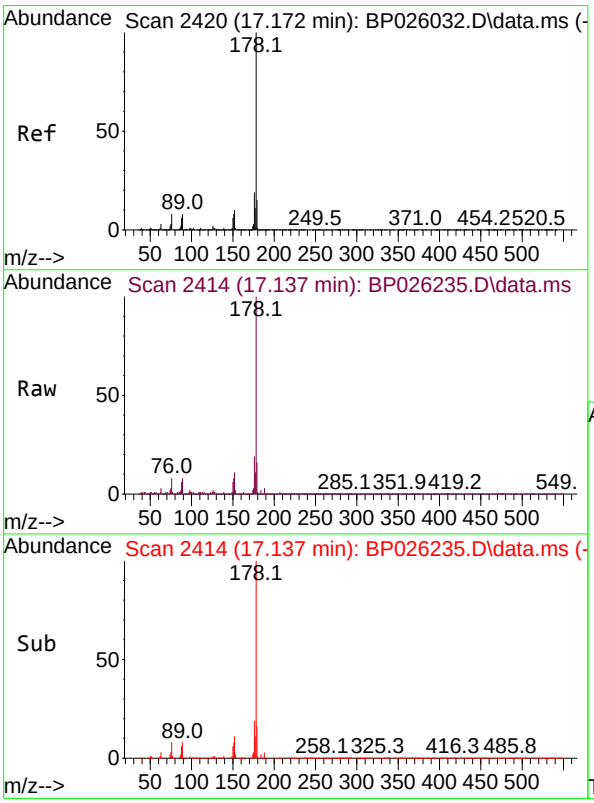
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.089 min Scan# 24
Delta R.T. -0.041 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:188 Resp: 1231674

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.8	11.6
80	9.5	8.2	12.2

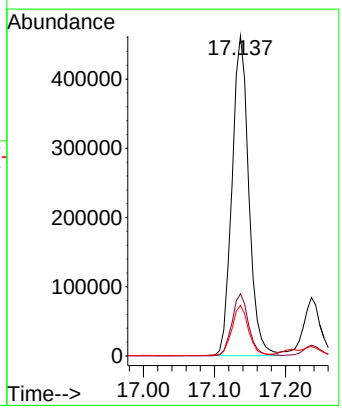


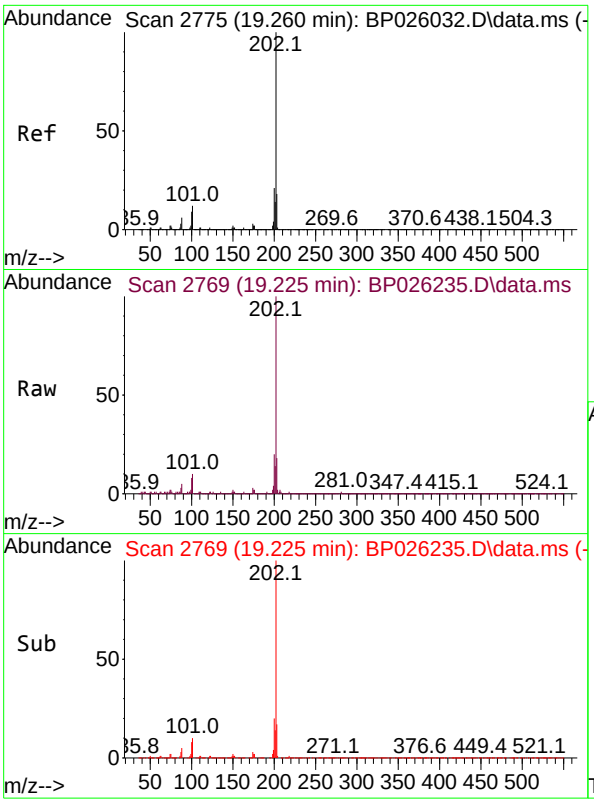


#71
Phenanthrene
Concen: 10.905 ng
RT: 17.137 min Scan# 2414
Delta R.T. -0.041 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:178 Resp: 756617

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.8	12.4	18.6



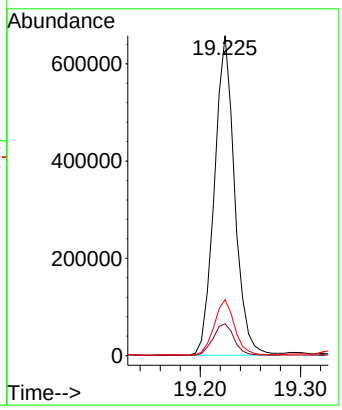


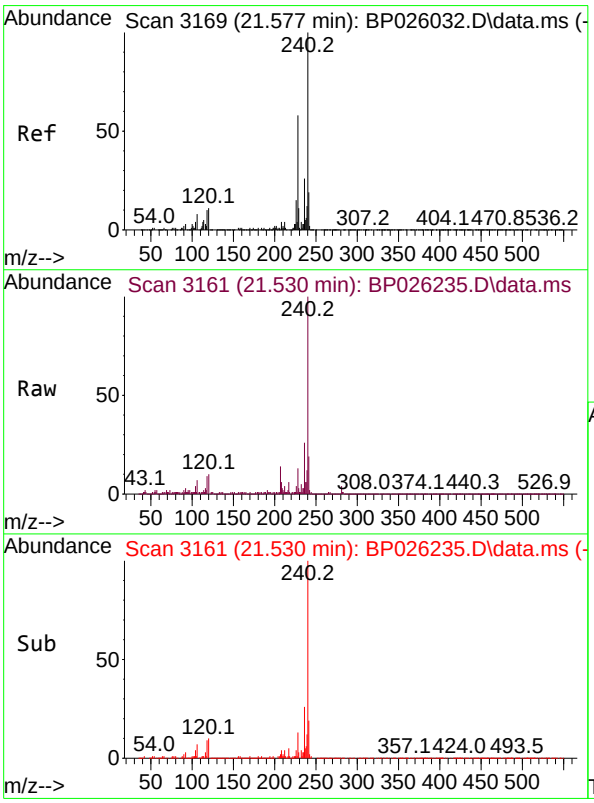
#75
Fluoranthene
Concen: 10.948 ng
RT: 19.225 min Scan# 2
Delta R.T. -0.041 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:202 Resp: 922915

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.2
203	17.5	0.0	37.7

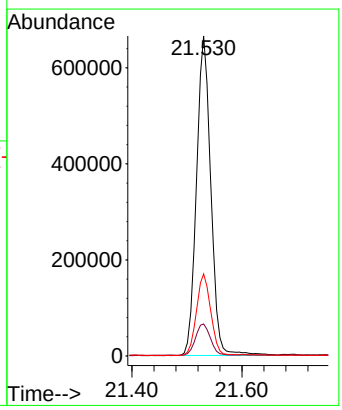


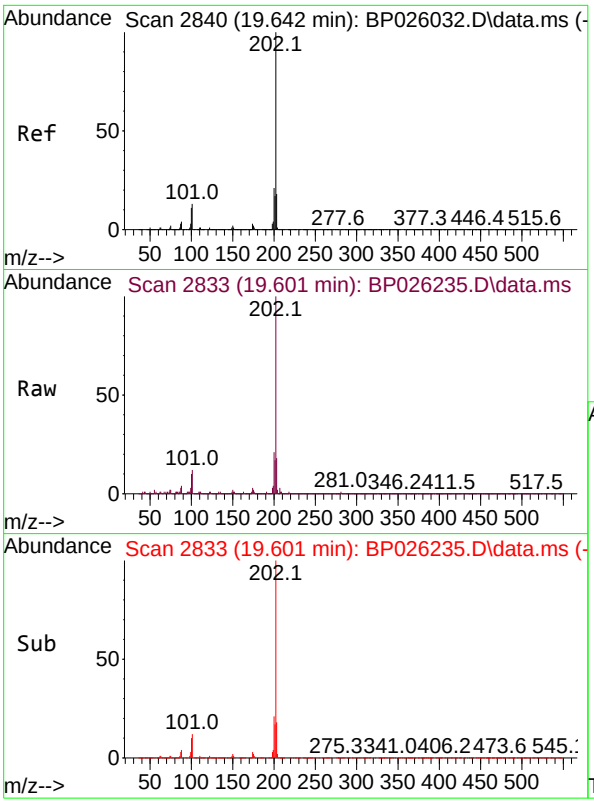


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.041 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:240 Resp: 1204285

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.0	13.4
236	25.6	20.4	30.6



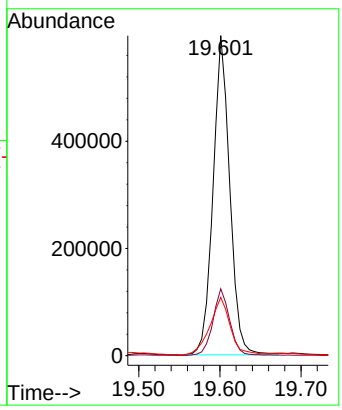


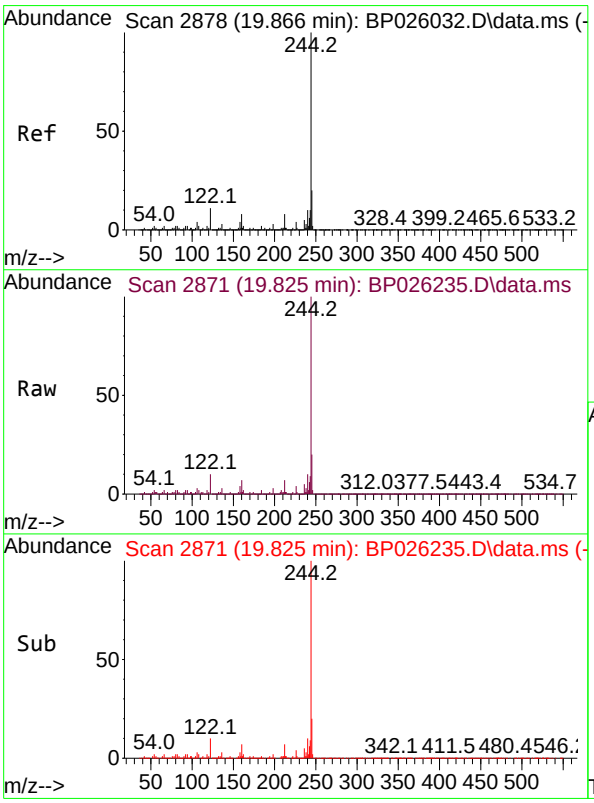
#78
Pyrene
Concen: 10.817 ng
RT: 19.601 min Scan# 2
Delta R.T. -0.041 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:202 Resp: 854132

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	18.2	13.8	20.8

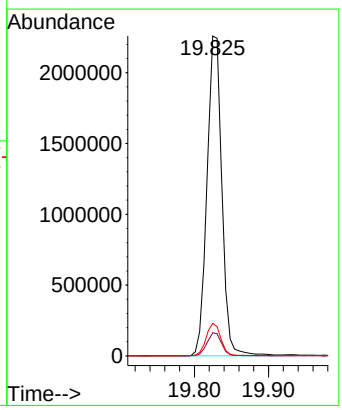


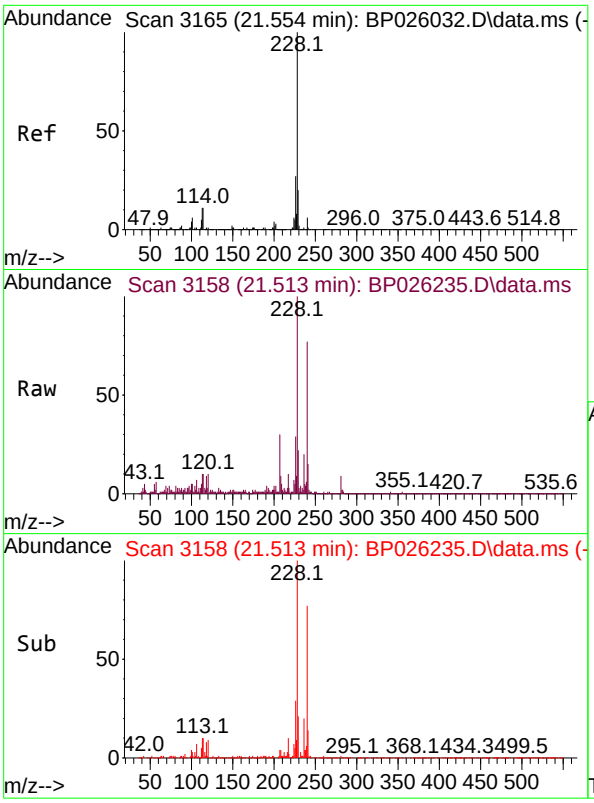


#79
Terphenyl-d14
Concen: 53.542 ng
RT: 19.825 min Scan# 2871
Delta R.T. -0.047 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:244 Resp: 3162222

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.2	8.2	12.2



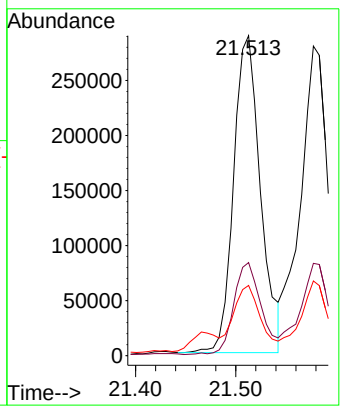


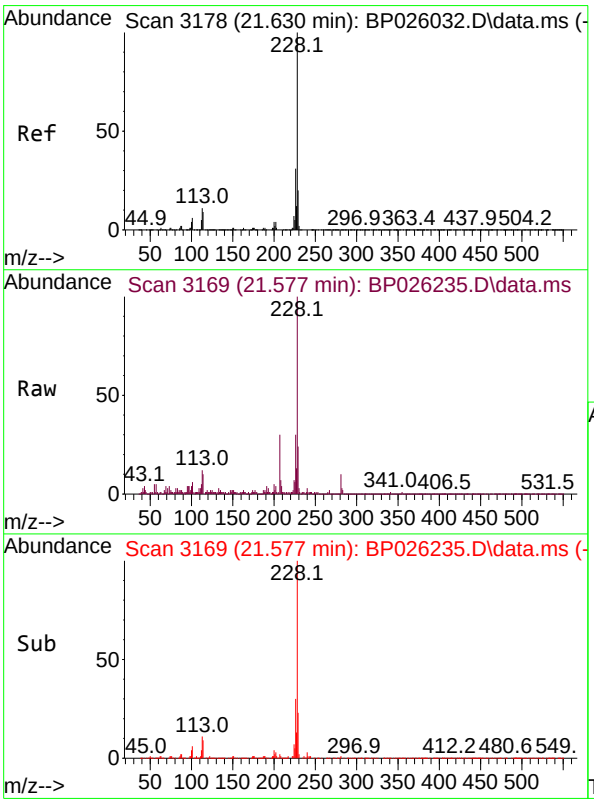
#81
Benzo(a)anthracene
Concen: 6.479 ng
RT: 21.513 min Scan# 31
Delta R.T. -0.041 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:228 Resp: 535889

Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.8	32.8
229	21.9	15.9	23.9

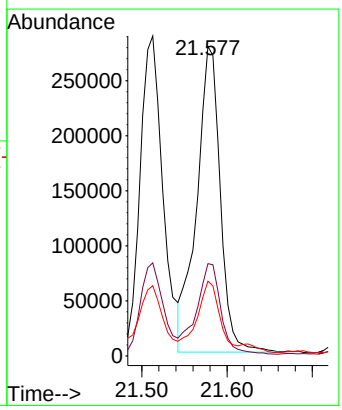


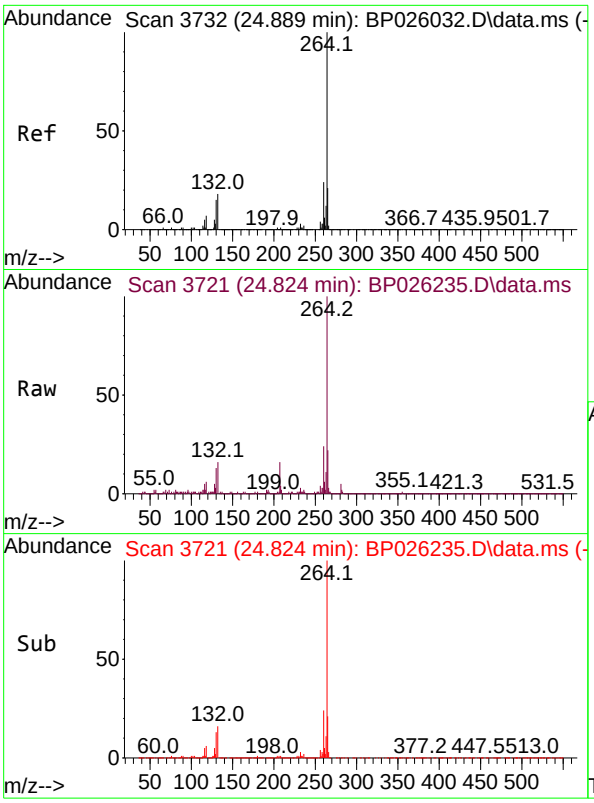


#83
Chrysene
Concen: 6.869 ng m
RT: 21.577 min Scan# 3169
Delta R.T. -0.041 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:228 Resp: 535436

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	24.1	15.9	23.9#



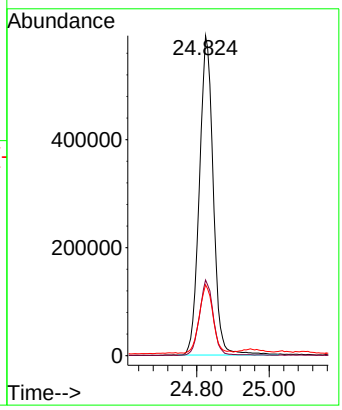


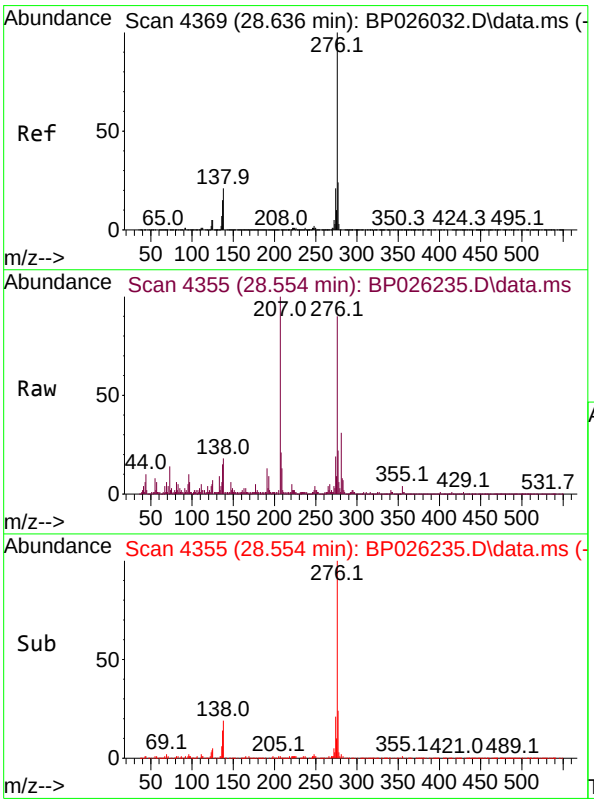
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.824 min Scan# 3
Delta R.T. -0.082 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:264 Resp: 1573376

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.1	17.5	26.3

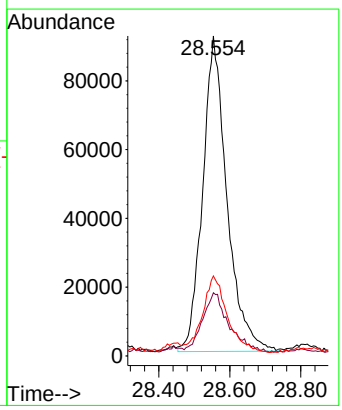


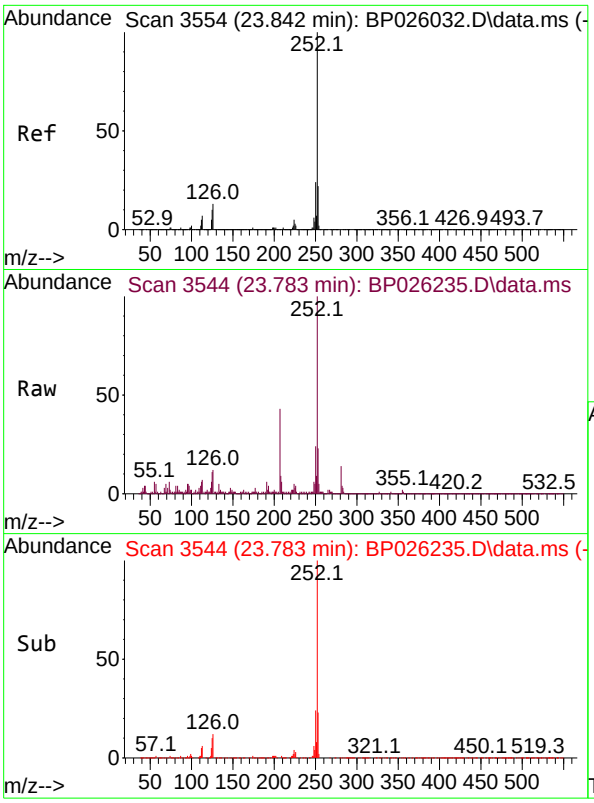


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.689 ng
RT: 28.554 min Scan# 4355
Delta R.T. -0.153 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:276 Resp: 435240

Ion	Ratio	Lower	Upper
276	100		
138	20.8	13.8	20.8#
277	24.9	16.7	25.1



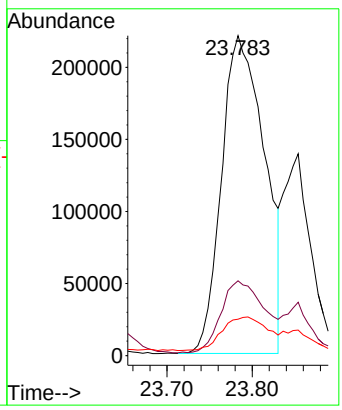


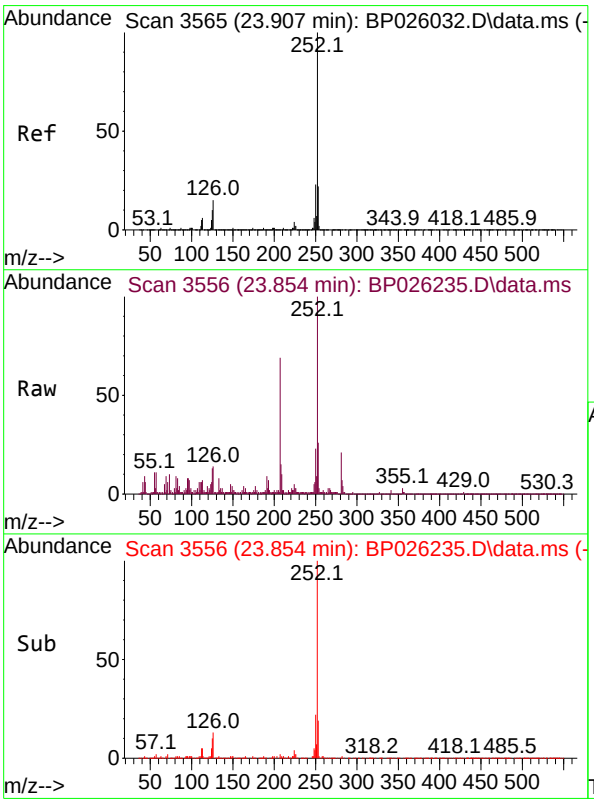
#88
Benzo(b)fluoranthene
Concen: 8.089 ng
RT: 23.783 min Scan# 3
Delta R.T. -0.082 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:252 Resp: 775080

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	11.4	8.2	12.4

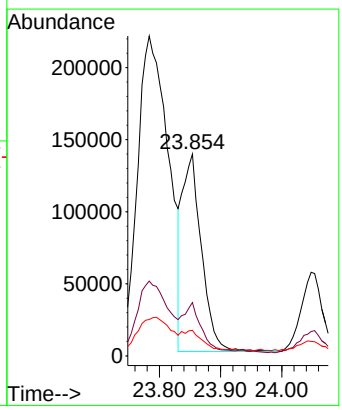


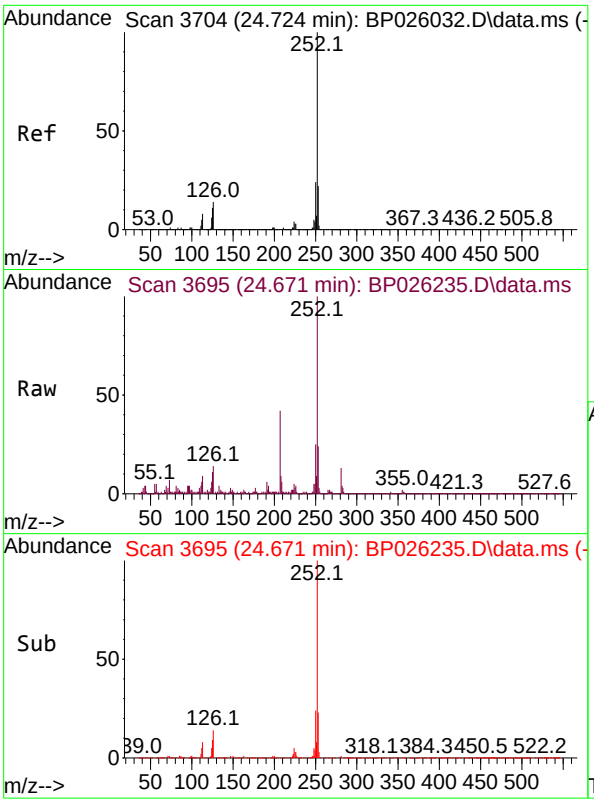


#89
Benzo(k)fluoranthene
Concen: 3.145 ng m
RT: 23.854 min Scan# 3556
Delta R.T. -0.082 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:252 Resp: 300938

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.6	26.4#
125	12.6	7.5	11.3#



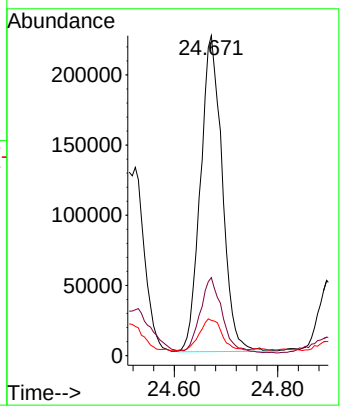


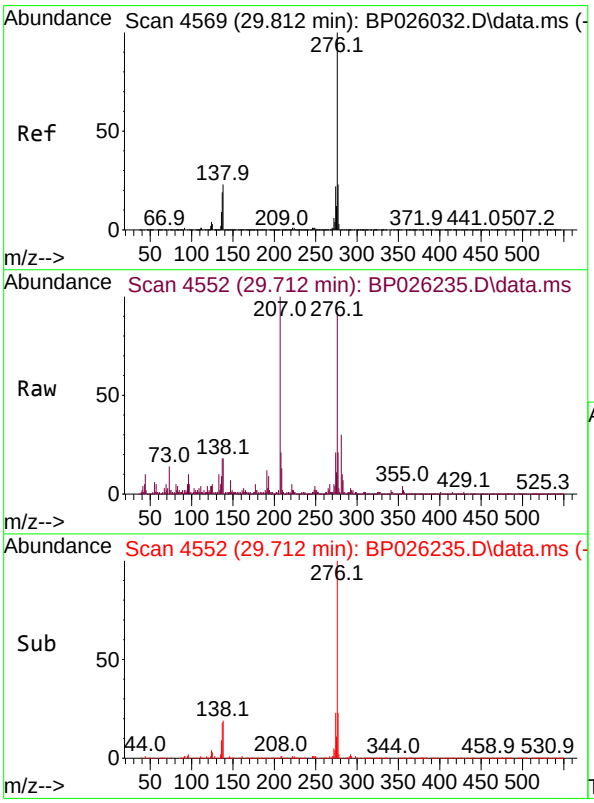
#90
Benzo(a)pyrene
Concen: 7.246 ng
RT: 24.671 min Scan# 3
Delta R.T. -0.082 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:252 Resp: 657636

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.2
125	11.0	9.0	13.6

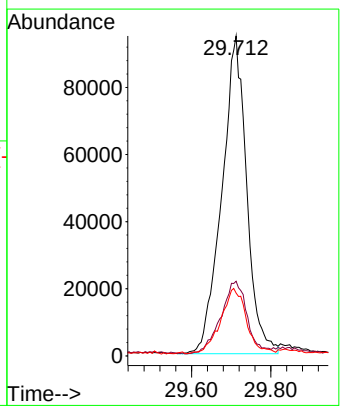




#92
Benzo(g,h,i)perylene
Concen: 4.293 ng
RT: 29.712 min Scan# 4552
Delta R.T. -0.170 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:276 Resp: 412184

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	19.6	17.8	26.6



CALIBRATION SUMMARY

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3741

Instrument ID: BNA_F Calibration Date(s): 11/05/2025 11/05/2025

Calibration Time(s): 12:50 16:49

LAB FILE ID: RRF2.5 = BF144169.D RRF005 = BF144170.D RRF010 = BF144171.D
RRF020 = BF144172.D RRF040 = BF144173.D RRF050 = BF144174.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.278	5.6
Benzaldehyde			1.033	0.917	0.816	0.672	0.818	17.0
Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.448	7.1
Phenol		1.845	1.896	1.840	1.858	1.562	1.769	7.6
bis(2-Chloroethyl)ether		1.278	1.333	1.342	1.316	1.155	1.289	5.2
2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.253	4.6
2-Methylphenol		1.031	1.054	1.007	1.033	0.895	0.997	5.4
2,2-oxybis(1-Chloropropane)		2.408	2.470	2.496	2.418	2.147	2.374	5.5
Acetophenone		0.479	0.464	0.434	0.434	0.380	0.429	8.3
3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	9.2
n-Nitroso-di-n-propylamine	0.998	1.010	1.023	0.996	0.950	0.813	0.953	7.4
Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.346	4.1
Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.515	4.9
Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.376	4.9
Isophorone		0.659	0.668	0.669	0.673	0.581	0.655	5.1
2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.186	6.5
2,4-Dimethylphenol		0.281	0.278	0.265	0.298	0.260	0.279	5.1
bis(2-Chloroethoxy)methane		0.426	0.417	0.412	0.423	0.372	0.409	5.0
2,4-Dichlorophenol		0.334	0.342	0.330	0.331	0.289	0.322	6.2
Naphthalene		1.019	1.008	0.982	0.969	0.850	0.951	6.7
4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.347	6.1
Hexachlorobutadiene		0.256	0.250	0.252	0.259	0.232	0.249	4.0
Caprolactam			0.094	0.093	0.092	0.075	0.088	8.1
4-Chloro-3-methylphenol		0.283	0.307	0.304	0.297	0.259	0.288	5.8
2-Methylnaphthalene		0.702	0.672	0.665	0.647	0.559	0.636	8.0
Hexachlorocyclopentadiene			0.121	0.142	0.200	0.204	0.195	27.8
2,4,6-Trichlorophenol		0.440	0.449	0.449	0.456	0.409	0.446	5.5
2-Fluorobiphenyl		1.598	1.428	1.361	1.350	1.177	1.354	10.7
2,4,5-Trichlorophenol		0.497	0.489	0.497	0.489	0.438	0.481	5.1
1,1-Biphenyl		1.535	1.446	1.425	1.408	1.239	1.396	7.5
2-Chloronaphthalene		1.303	1.216	1.206	1.204	1.068	1.191	7.1
2-Nitroaniline		0.302	0.347	0.349	0.361	0.326	0.344	6.8
Dimethylphthalate		1.437	1.343	1.359	1.345	1.168	1.325	6.7
Acenaphthylene		1.727	1.686	1.677	1.645	1.440	1.623	6.6

All other compounds must meet a minimum RRF of 0.010.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3741

Instrument ID: BNA_F Calibration Date(s): 11/05/2025 11/05/2025

Calibration Time(s): 12:50 16:49

LAB FILE ID: RRF2.5 = BF144169.D RRF005 = BF144170.D RRF010 = BF144171.D
RRF020 = BF144172.D RRF040 = BF144173.D RRF050 = BF144174.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.251	0.271	0.271	0.276	0.252	0.268	5.2
3-Nitroaniline		0.271	0.301	0.302	0.315	0.264	0.293	7.1
Acenaphthene		1.138	1.162	1.120	1.096	0.956	1.085	6.9
2,4-Dinitrophenol			0.202	0.166	0.140	0.133	0.162	15.0
4-Nitrophenol			0.273	0.202	0.204	0.185	0.212	14.6
Dibenzofuran		1.644	1.600	1.586	1.551	1.337	1.520	8.0
2,4-Dinitrotoluene		0.322	0.377	0.372	0.385	0.328	0.359	7.1
Diethylphthalate		1.294	1.273	1.254	1.254	1.075	1.221	6.3
4-Chlorophenyl-phenylether		0.711	0.701	0.678	0.685	0.570	0.658	7.9
Fluorene		1.295	1.223	1.197	1.180	0.997	1.156	8.9
4-Nitroaniline		0.273	0.290	0.293	0.288	0.254	0.279	5.1
4,6-Dinitro-2-methylphenol			0.147	0.138	0.130	0.120	0.136	7.0
n-Nitrosodiphenylamine		0.695	0.676	0.635	0.646	0.577	0.643	6.1
2,4,6-Tribromophenol		0.242	0.257	0.257	0.265	0.227	0.251	5.3
4-Bromophenyl-phenylether		0.264	0.260	0.255	0.263	0.228	0.255	5.2
Hexachlorobenzene		0.306	0.306	0.305	0.300	0.273	0.301	4.7
Atrazine		0.215	0.211	0.215	0.206	0.180	0.205	6.3
Pentachlorophenol			0.135	0.144	0.156	0.137	0.150	8.8
Phenanthrene		1.103	1.042	0.986	1.009	0.892	0.996	6.9
Anthracene		1.120	1.059	1.027	1.022	0.897	1.013	7.4
Carbazole		0.938	0.917	0.882	0.878	0.762	0.861	7.4
Di-n-butylphthalate		1.075	1.101	1.077	1.070	0.917	1.041	6.3
Fluoranthene		1.117	1.066	1.053	1.054	0.910	1.029	6.8
Pyrene		1.763	1.745	1.631	1.704	1.372	1.613	8.8
Terphenyl-d14		1.403	1.415	1.274	1.317	1.042	1.259	10.7
Butylbenzylphthalate		0.565	0.590	0.550	0.590	0.499	0.559	5.6
3,3-Dichlorobenzidine			0.453	0.461	0.482	0.441	0.475	6.8
Benzo(a)anthracene		1.455	1.340	1.330	1.430	1.290	1.386	5.4
Chrysene		1.276	1.245	1.279	1.403	1.164	1.280	5.7
Bis(2-ethylhexyl)phthalate		0.773	0.739	0.755	0.816	0.705	0.765	4.9
Di-n-octyl phthalate			1.163	1.272	1.410	1.269	1.320	7.9
Benzo(b)fluoranthene		1.199	1.133	1.114	1.233	1.002	1.137	6.4
Benzo(k)fluoranthene		1.077	1.094	1.083	1.041	0.999	1.064	4.4
Benzo(a)pyrene		1.064	1.050	1.058	1.077	0.963	1.049	4.2
Indeno(1,2,3-cd)pyrene		1.450	1.411	1.447	1.485	1.311	1.436	4.6

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3741

Instrument ID: BNA_F Calibration Date(s): 11/05/2025 11/05/2025

Calibration Time(s): 12:50 16:49

LAB FILE ID: RRF2.5 = BF144169.D RRF005 = BF144170.D RRF010 = BF144171.D
RRF020 = BF144172.D RRF040 = BF144173.D RRF050 = BF144174.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.155	1.155	1.175	1.198	1.040	1.153	4.8
Benzo(g,h,i)perylene		1.095	1.125	1.153	1.191	1.028	1.139	5.7
1,2,4,5-Tetrachlorobenzene		0.677	0.662	0.659	0.675	0.588	0.655	6.6
2,3,4,6-Tetrachlorophenol		0.308	0.347	0.336	0.358	0.316	0.340	6.6

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF144169.D 5 =BF144170.D 10 =BF144171.D 20 =BF144172.D 40 =BF144173.D 50 =BF144174.D 60 =BF144175.D 80 =BF1441
76.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.573	0.540	0.528	5.68
3)		Pyridine		1.374	1.406	1.491	1.520	1.378	1.607	1.543	1.474	6.12
4)		n-Nitrosodimet...			0.719	0.726	0.775	0.723	0.868	0.810	0.770	7.79
5)	S	2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.330	1.193	1.278	5.62
6)		Aniline		2.194	2.169	2.114	2.067	1.841	2.139	1.920	2.063	6.46
7)	S	Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.461	1.339	1.448	7.08
8)		2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.293	1.204	1.253	4.59
9)		Benzaldehyde			1.033	0.917	0.816	0.672	0.786	0.683	0.818	16.99
10)	C	Phenol		1.845	1.896	1.840	1.858	1.562	1.790	1.594	1.769	7.60
11)		bis(2-Chloroet...		1.278	1.333	1.342	1.316	1.155	1.341	1.259	1.289	5.22
12)		1,3-Dichlorobe...		1.677	1.573	1.583	1.541	1.397	1.586	1.468	1.547	5.86
13)	C	1,4-Dichlorobe...		1.669	1.563	1.583	1.591	1.372	1.604	1.464	1.549	6.40
14)		1,2-Dichlorobe...		1.651	1.510	1.488	1.485	1.325	1.533	1.404	1.485	6.88
15)		Benzyl Alcohol			1.140	1.188	1.161	1.050	1.197	1.145	1.147	4.61
16)		2,2'-oxybis(1-...		2.408	2.470	2.496	2.418	2.147	2.442	2.238	2.374	5.50
17)		2-Methylphenol		1.031	1.054	1.007	1.033	0.895	1.002	0.958	0.997	5.44
18)		Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.543	0.504	0.515	4.90
19)	P	n-Nitroso-di-n...	0.998	1.010	1.023	0.996	0.950	0.813	0.937	0.900	0.953	7.38
20)		3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	1.080	1.175	9.16
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.479	0.464	0.434	0.434	0.380	0.421	0.391	0.429	8.34
23)	S	Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.361	0.338	0.346	4.07
24)		Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.398	0.368	0.376	4.90
25)		Isophorone		0.659	0.668	0.669	0.673	0.581	0.675	0.659	0.655	5.05
26)	C	2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.200	0.186	0.186	6.47
27)		2,4-Dimethylph...		0.281	0.278	0.265	0.298	0.260	0.295	0.275	0.279	5.08
28)		bis(2-Chloroet...		0.426	0.417	0.412	0.423	0.372	0.423	0.390	0.409	5.02
29)	C	2,4-Dichloroph...		0.334	0.342	0.330	0.331	0.289	0.326	0.297	0.322	6.20
30)		1,2,4-Trichlor...		0.350	0.349	0.332	0.337	0.296	0.335	0.312	0.330	5.96
31)		Naphthalene		1.019	1.008	0.982	0.969	0.850	0.952	0.880	0.951	6.71
32)		Benzoic acid			0.268	0.220	0.180	0.165	0.190	0.204	0.204	17.90
33)		4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.355	0.326	0.347	6.07
34)	C	Hexachlorobuta...		0.256	0.250	0.252	0.259	0.232	0.254	0.238	0.249	4.03
35)		Caprolactam			0.094	0.093	0.092	0.075	0.087	0.088	0.088	8.10
36)	C	4-Chloro-3-met...		0.283	0.307	0.304	0.297	0.259	0.290	0.277	0.288	5.77
37)		2-Methylnaphth...		0.702	0.672	0.665	0.647	0.559	0.623	0.583	0.636	7.98
38)		1-Methylnaphth...		0.667	0.681	0.632	0.620	0.536	0.600	0.561	0.614	8.61

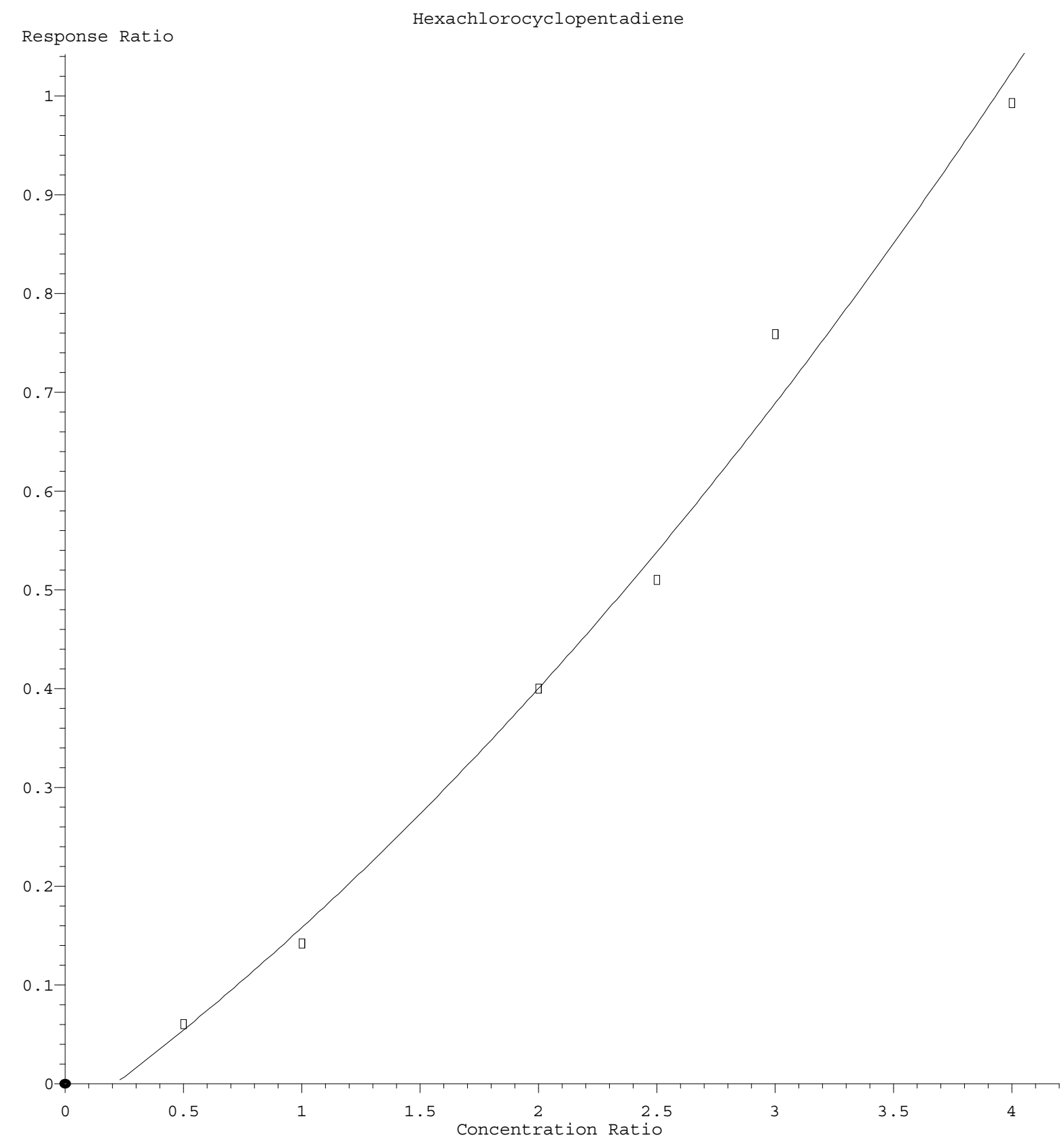
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.677	0.662	0.659	0.675	0.588	0.716	0.611	0.655	6.57
41)	P	Hexachlorocycl...		0.121	0.142	0.200	0.204	0.253	0.248	0.195	27.78
42)	S	2,4,6-Tribromo...	0.242	0.257	0.257	0.265	0.227	0.261	0.249	0.251	5.27
43)	C	2,4,6-Trichlor...	0.440	0.449	0.449	0.456	0.409	0.489	0.431	0.446	5.49
44)		2,4,5-Trichlor...	0.497	0.489	0.497	0.489	0.438	0.502	0.456	0.481	5.05
45)	S	2-Fluorobiphenyl	1.598	1.428	1.361	1.350	1.177	1.381	1.183	1.354	10.72
46)		1,1'-Biphenyl	1.535	1.446	1.425	1.408	1.239	1.450	1.270	1.396	7.52
47)		2-Chloronaphth...	1.303	1.216	1.206	1.204	1.068	1.252	1.087	1.191	7.12
48)		2-Nitroaniline	0.302	0.347	0.349	0.361	0.326	0.374	0.345	0.344	6.84
49)		Acenaphthylene	1.727	1.686	1.677	1.645	1.440	1.678	1.506	1.623	6.57
50)		Dimethylphthalate	1.437	1.343	1.359	1.345	1.168	1.375	1.247	1.325	6.71
51)		2,6-Dinitrotol...	0.251	0.271	0.271	0.276	0.252	0.290	0.266	0.268	5.16
52)	C	Acenaphthene	1.138	1.162	1.120	1.096	0.956	1.117	1.007	1.085	6.90
53)		3-Nitroaniline	0.271	0.301	0.302	0.315	0.264	0.316	0.283	0.293	7.07
54)	P	2,4-Dinitrophenol		0.202	0.166	0.140	0.133	0.168	0.164	0.162	14.99
55)		Dibenzofuran	1.644	1.600	1.586	1.551	1.337	1.562	1.359	1.520	7.99
56)	P	4-Nitrophenol		0.273	0.202	0.204	0.185	0.211	0.198	0.212	14.64
57)		2,4-Dinitrotol...	0.322	0.377	0.372	0.385	0.328	0.377	0.353	0.359	7.07
58)		Fluorene	1.295	1.223	1.197	1.180	0.997	1.149	1.048	1.156	8.88
59)		2,3,4,6-Tetrac...	0.308	0.347	0.336	0.358	0.316	0.372	0.345	0.340	6.58
60)		Diethylphthalate	1.294	1.273	1.254	1.254	1.075	1.237	1.163	1.221	6.27
61)		4-Chlorophenyl...	0.711	0.701	0.678	0.685	0.570	0.659	0.605	0.658	7.92
62)		4-Nitroaniline	0.273	0.290	0.293	0.288	0.254	0.288	0.268	0.279	5.10
63)		Azobenzene	1.157	1.203	1.145	1.164	0.995	1.197	1.096	1.137	6.33
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.147	0.138	0.130	0.120	0.142	0.138	0.136	6.99
66)	c	n-Nitrosodiphe...	0.695	0.676	0.635	0.646	0.577	0.660	0.614	0.643	6.12
67)		4-Bromophenyl-...	0.264	0.260	0.255	0.263	0.228	0.266	0.252	0.255	5.18
68)		Hexachlorobenzene	0.306	0.306	0.305	0.300	0.273	0.319	0.296	0.301	4.74
69)		Atrazine	0.215	0.211	0.215	0.206	0.180	0.210	0.196	0.205	6.26
70)	C	Pentachlorophenol		0.135	0.144	0.156	0.137	0.162	0.165	0.150	8.76
71)		Phenanthrene	1.103	1.042	0.986	1.009	0.892	1.003	0.937	0.996	6.87
72)		Anthracene	1.120	1.059	1.027	1.022	0.897	1.027	0.936	1.013	7.37
73)		Carbazole	0.938	0.917	0.882	0.878	0.762	0.854	0.794	0.861	7.36
74)		Di-n-butylphth...	1.075	1.101	1.077	1.070	0.917	1.059	0.986	1.041	6.27
75)	C	Fluoranthene	1.117	1.066	1.053	1.054	0.910	1.043	0.958	1.029	6.84
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.707	0.519	0.624	0.512	0.635	0.553	0.592	12.98
78)		Pyrene	1.763	1.745	1.631	1.704	1.372	1.569	1.504	1.613	8.79
79)	S	Terphenyl-d14	1.403	1.415	1.274	1.317	1.042	1.208	1.155	1.259	10.71
80)		Butylbenzylpht...	0.565	0.590	0.550	0.590	0.499	0.570	0.549	0.559	5.60
81)		Benzo(a)anthra...	1.455	1.340	1.330	1.430	1.290	1.493	1.366	1.386	5.37
82)		3,3'-Dichlorob...		0.453	0.461	0.482	0.441	0.532	0.481	0.475	6.77
83)		Chrysene	1.276	1.245	1.279	1.403	1.164	1.326	1.263	1.280	5.72
84)		Bis(2-ethylhex...	0.773	0.739	0.755	0.816	0.705	0.803	0.764	0.765	4.92
85)	c	Di-n-octyl pht...		1.163	1.272	1.410	1.269	1.442	1.364	1.320	7.91

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.450	1.411	1.447	1.485	1.311	1.521	1.425	1.436	4.62
88)		Benzo(b)fluora...	1.199	1.133	1.114	1.233	1.002	1.134	1.143	1.137	6.40
89)		Benzo(k)fluora...	1.077	1.094	1.083	1.041	0.999	1.134	1.021	1.064	4.36
90)	C	Benzo(a)pyrene	1.064	1.050	1.058	1.077	0.963	1.103	1.029	1.049	4.23
91)		Dibenzo(a,h)an...	1.155	1.155	1.175	1.198	1.040	1.209	1.138	1.153	4.85
92)		Benzo(g,h,i)pe...	1.095	1.125	1.153	1.191	1.028	1.228	1.150	1.139	5.70

(#) = Out of Range



R = 2.331e-002 A*A + 1.722e-001 A - 3.751e-002
Coef of Det (r^2) = 0.992660 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF110525.M
Calibration Table Last Updated: Wed Nov 05 18:37:33 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144169.D
Acq On : 05 Nov 2025 12:50
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 05 17:42:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	85230	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	335743	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	195513	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	365872	20.000	ng	0.00
76) Chrysene-d12	14.057	240	241412	20.000	ng	0.00
86) Perylene-d12	15.539	264	241479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.275	70	10629	2.616	ng	# 98

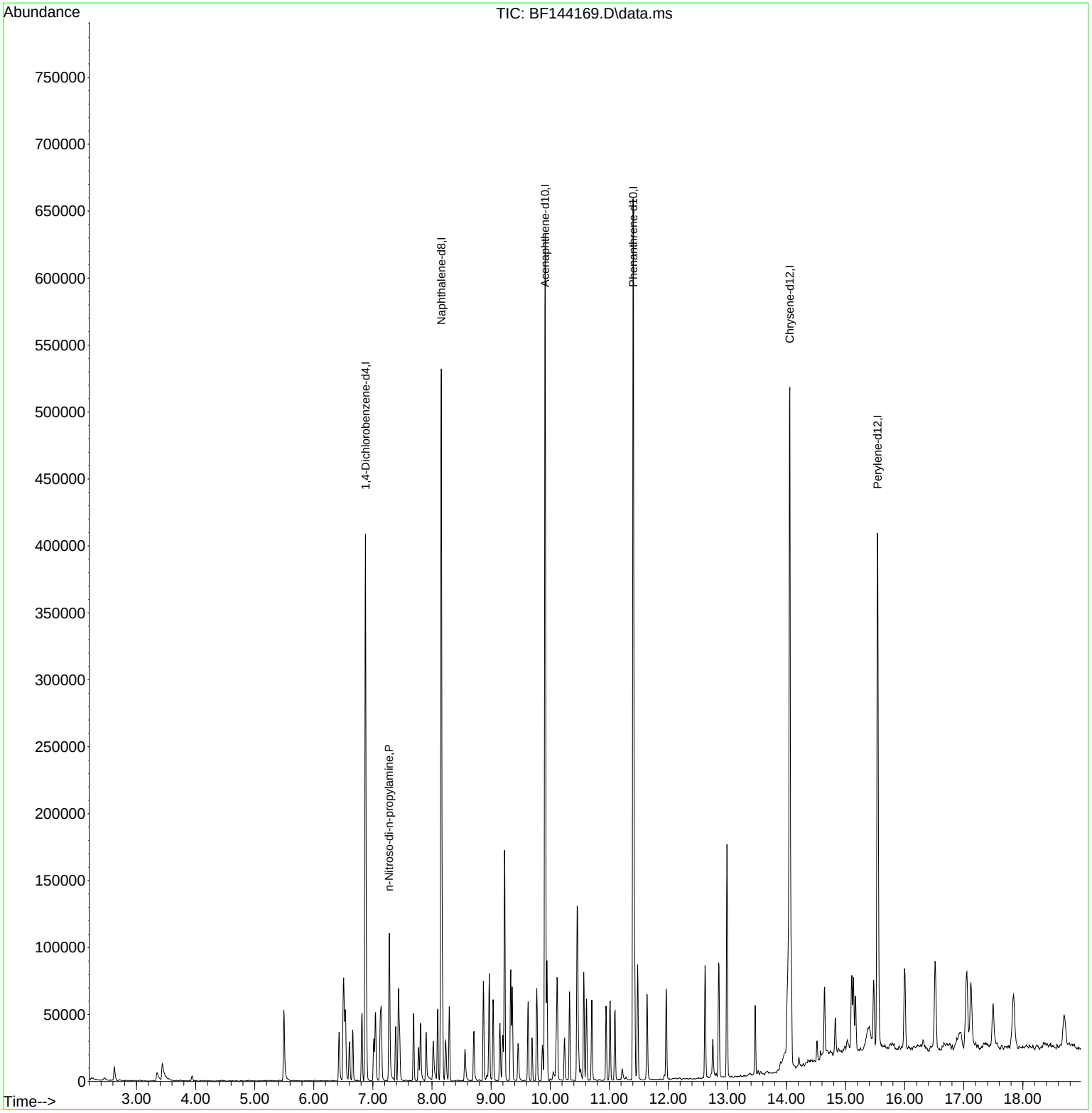
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144169.D
Acq On : 05 Nov 2025 12:50
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 05 17:42:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144170.D
Acq On : 05 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:23:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	85379	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	330889	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	188001	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	326565	20.000	ng	0.00
76) Chrysene-d12	14.051	240	215706	20.000	ng	-0.01
86) Perylene-d12	15.539	264	241361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	56869	10.423	ng	0.00
7) Phenol-d6	6.498	99	66870	10.817	ng	-0.01
23) Nitrobenzene-d5	7.434	82	56744	9.904	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	22758	9.647	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	150248	11.803	ng	-0.01
79) Terphenyl-d14	12.992	244	151347	11.145	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	11227	4.977	ng	98
3) Pyridine	3.410	79	29321	4.659	ng	98
6) Aniline	6.534	93	46833	5.317	ng	97
8) 2-Chlorophenol	6.657	128	26502	4.953	ng	98
10) Phenol	6.510	94	39383	5.214	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	27288	4.958	ng	99
12) 1,3-Dichlorobenzene	6.816	146	35799	5.422	ng	97
13) 1,4-Dichlorobenzene	6.893	146	35623	5.385	ng	99
14) 1,2-Dichlorobenzene	7.046	146	35243	5.559	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.140	45	51408	5.072	ng	92
17) 2-Methylphenol	7.122	107	21999	5.168	ng	94
18) Hexachloroethane	7.387	117	10929	4.973	ng	92
19) n-Nitroso-di-n-propyla...	7.275	70	21555	5.296	ng	99
22) Acetophenone	7.281	105	39609	5.580	ng	97
24) Nitrobenzene	7.451	77	30574	4.915	ng	98
25) Isophorone	7.687	82	54487	5.028	ng	97
26) 2-Nitrophenol	7.775	139	13789	4.478	ng	97
27) 2,4-Dimethylphenol	7.804	122	23283	5.045	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	35235	5.207	ng	97
29) 2,4-Dichlorophenol	8.016	162	27603	5.189	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	28937	5.298	ng	91
31) Naphthalene	8.175	128	84320	5.357	ng	100
33) 4-Chloroaniline	8.228	127	29602	5.157	ng	99
34) Hexachlorobutadiene	8.292	225	21207	5.152	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	23428	4.914	ng	95
37) 2-Methylnaphthalene	8.869	142	58087	5.520	ng	99
38) 1-Methylnaphthalene	8.969	142	55152	5.431	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	31823	5.165	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	20685	4.933	ng	99
44) 2,4,5-Trichlorophenol	9.192	196	23346	5.165	ng	99
46) 1,1'-Biphenyl	9.334	154	72127	5.496	ng	98
47) 2-Chloronaphthalene	9.357	162	61232	5.470	ng	98
48) 2-Nitroaniline	9.457	65	14208	4.399	ng	90
49) Acenaphthylene	9.775	152	81168	5.321	ng	100
50) Dimethylphthalate	9.628	163	67538	5.423	ng	97
51) 2,6-Dinitrotoluene	9.692	165	11809	4.684	ng	94

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144170.D
Acq On : 05 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Nov 05 17:23:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	9.945	154	53468	5.241	ng		96
53) 3-Nitroaniline	9.869	138	12750	4.626	ng		88
55) Dibenzofuran	10.116	168	77278	5.409	ng		98
57) 2,4-Dinitrotoluene	10.098	165	15136	4.485	ng	#	93
58) Fluorene	10.463	166	60881	5.605	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.239	232	14470	4.525	ng		96
60) Diethylphthalate	10.328	149	60815	5.297	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	33416	5.401	ng		97
62) 4-Nitroaniline	10.475	138	12847	4.895	ng		91
63) Azobenzene	10.616	77	54383	5.089	ng		93
66) n-Nitrosodiphenylamine	10.569	169	56733	5.401	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	21547	5.169	ng		96
68) Hexachlorobenzene	11.010	284	24951	5.082	ng		99
69) Atrazine	11.098	200	17546	5.253	ng		93
71) Phenanthrene	11.428	178	90035	5.537	ng		99
72) Anthracene	11.481	178	91416	5.529	ng		99
73) Carbazole	11.639	167	76605	5.449	ng		97
74) Di-n-butylphthalate	11.963	149	87751	5.163	ng		100
75) Fluoranthene	12.622	202	91198	5.430	ng		97
78) Pyrene	12.851	202	95053	5.465	ng		98
80) Butylbenzylphthalate	13.469	149	30478	5.056	ng		92
81) Benzo(a)anthracene	14.045	228	78472	5.249	ng		96
83) Chrysene	14.080	228	68808	4.986	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	41706	5.054	ng		99
87) Indeno(1,2,3-cd)pyrene	17.033	276	87482	5.049	ng		98
88) Benzo(b)fluoranthene	15.098	252	72360m	5.273	ng		
89) Benzo(k)fluoranthene	15.127	252	64984	5.060	ng		99
90) Benzo(a)pyrene	15.474	252	64190	5.071	ng	#	97
91) Dibenzo(a,h)anthracene	17.051	278	69714	5.010	ng		98
92) Benzo(g,h,i)perylene	17.492	276	66099	4.810	ng		97

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

ICAL Form

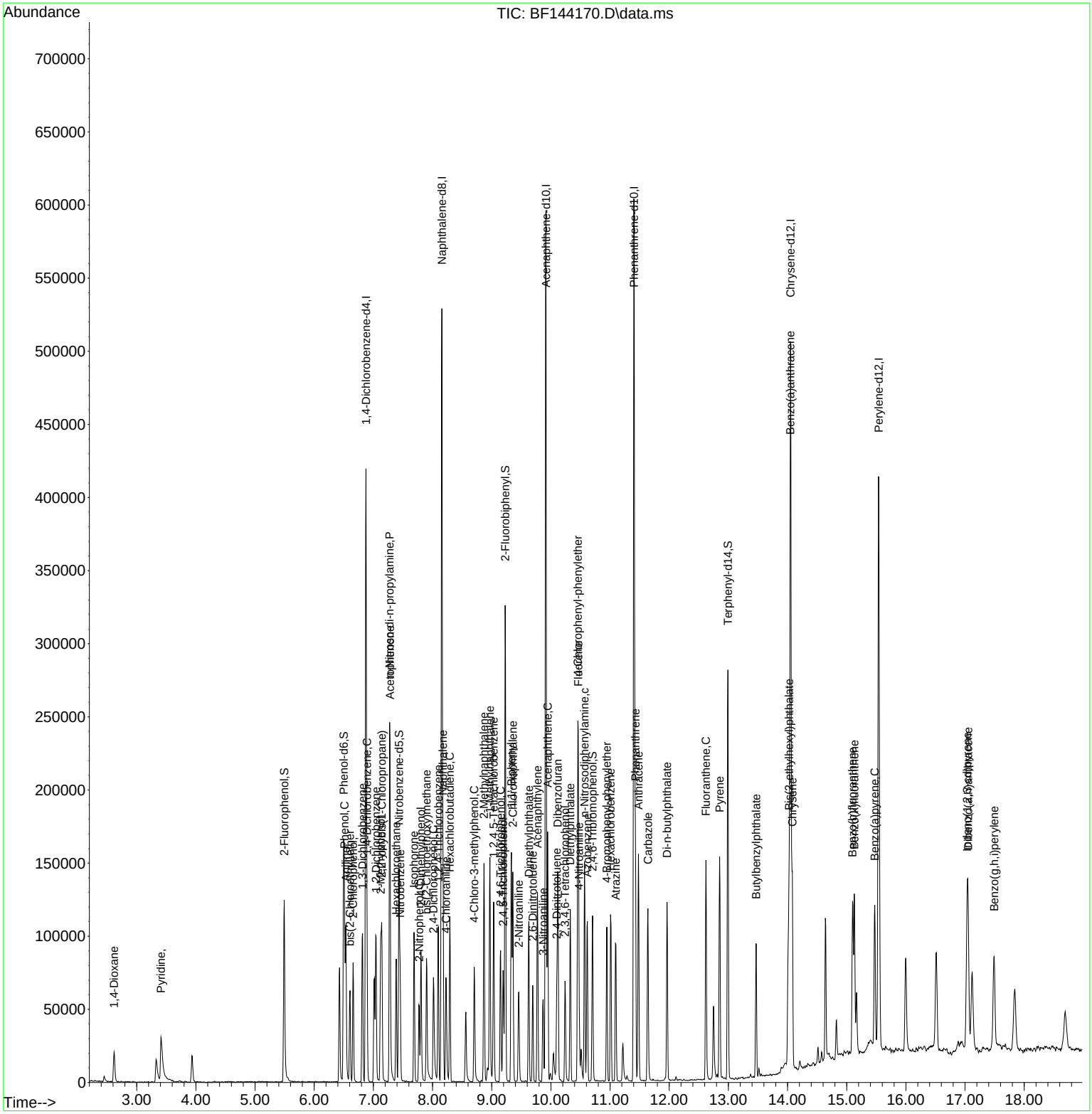
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144170.D
Acq On : 05 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 05 17:23:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144171.D
Acq On : 05 Nov 2025 13:50
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Nov 05 17:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	112609	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	438512	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	261107	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	469428	20.000	ng	0.00
76) Chrysene-d12	14.057	240	296506	20.000	ng	0.00
86) Perylene-d12	15.539	264	311371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	146731	20.391	ng	0.00
7) Phenol-d6	6.498	99	170929	20.963	ng	-0.01
23) Nitrobenzene-d5	7.434	82	154488	20.347	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	66981	20.442	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	372845	21.090	ng	-0.01
79) Terphenyl-d14	12.992	244	419548	22.476	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	27411	9.214	ng	97
3) Pyridine	3.393	79	79148	9.536	ng	99
4) n-Nitrosodimethylamine	3.322	42	40456	9.331	ng	95
6) Aniline	6.534	93	122118	10.512	ng	98
8) 2-Chlorophenol	6.657	128	73729	10.448	ng	99
9) Benzaldehyde	6.422	77	58146	12.629	ng	98
10) Phenol	6.510	94	106765	10.717	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	75075	10.342	ng	98
12) 1,3-Dichlorobenzene	6.816	146	88594	10.174	ng	98
13) 1,4-Dichlorobenzene	6.893	146	87984	10.085	ng	96
14) 1,2-Dichlorobenzene	7.045	146	84997	10.165	ng	98
15) Benzyl Alcohol	7.010	79	64160	9.937	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	139062	10.403	ng	97
17) 2-Methylphenol	7.122	107	59368	10.575	ng	98
18) Hexachloroethane	7.387	117	28876	9.963	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	57621	10.735	ng	98
20) 3+4-Methylphenols	7.275	107	74874	11.314	ng	96
22) Acetophenone	7.281	105	101777	10.819	ng	97
24) Nitrobenzene	7.451	77	85567	10.380	ng	98
25) Isophorone	7.692	82	146541	10.204	ng	98
26) 2-Nitrophenol	7.769	139	41083	10.067	ng	97
27) 2,4-Dimethylphenol	7.804	122	60896	9.956	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	91497	10.202	ng	95
29) 2,4-Dichlorophenol	8.016	162	75032	10.643	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	76623	10.585	ng	94
31) Naphthalene	8.181	128	220903	10.590	ng	99
32) Benzoic acid	7.910	122	58822	13.120	ng	92
33) 4-Chloroaniline	8.228	127	79703	10.476	ng	97
34) Hexachlorobutadiene	8.292	225	54849	10.054	ng	96
35) Caprolactam	8.575	113	20560	10.645	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	67228	10.641	ng	96
37) 2-Methylnaphthalene	8.869	142	147427	10.571	ng	99
38) 1-Methylnaphthalene	8.969	142	149280	11.093	ng	97
40) 1,2,4,5-Tetrachloroben...	9.034	216	86408	10.098	ng	99
41) Hexachlorocyclopentadiene	9.022	237	15765	10.609	ng	93
43) 2,4,6-Trichlorophenol	9.145	196	58560	10.054	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144171.D
Acq On : 05 Nov 2025 13:50
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Nov 05 17:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

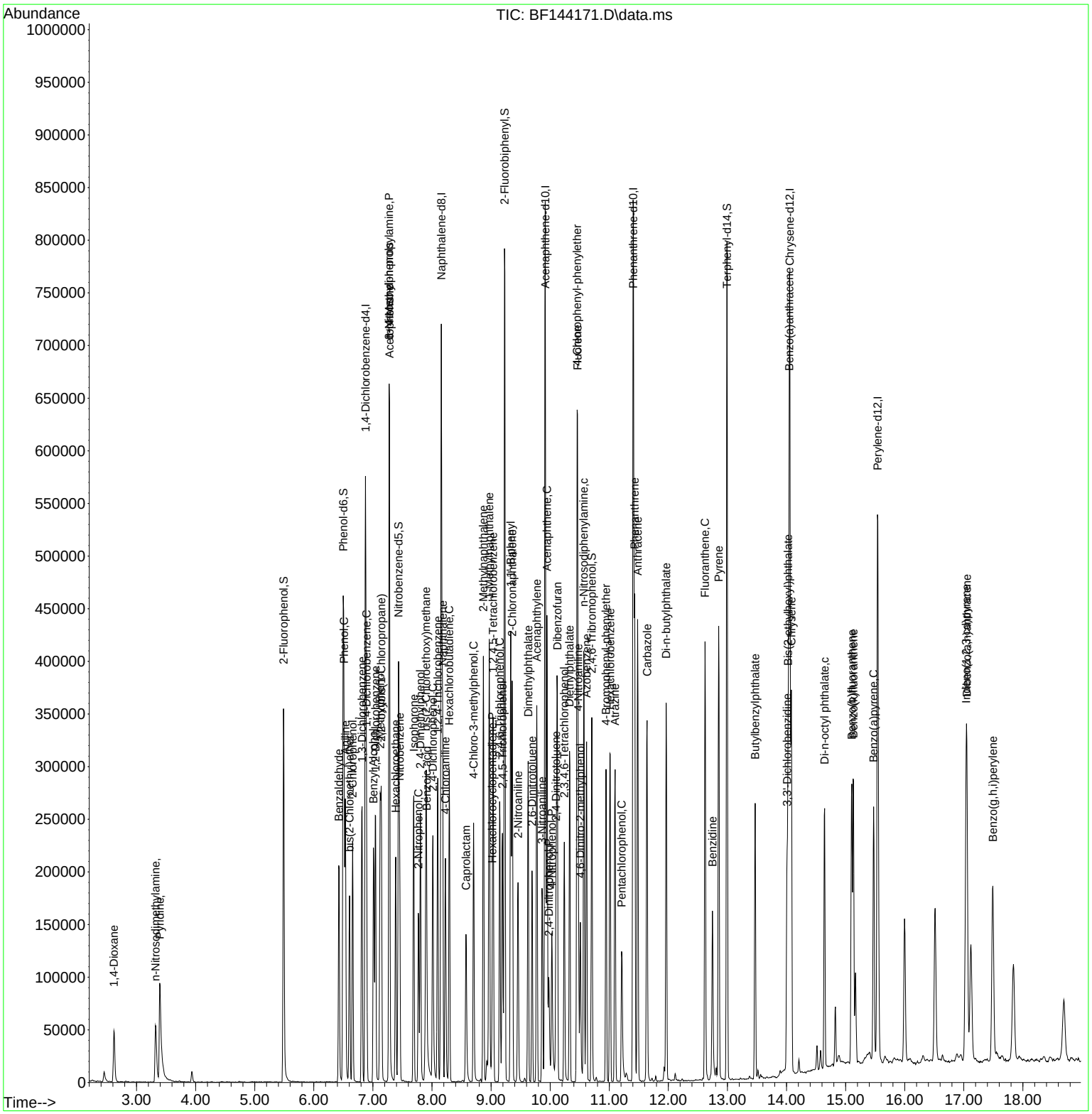
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	63779	10.160	ng		98
46) 1,1'-Biphenyl	9.334	154	188739	10.355	ng		99
47) 2-Chloronaphthalene	9.357	162	158745	10.211	ng		100
48) 2-Nitroaniline	9.457	65	45323	10.104	ng		97
49) Acenaphthylene	9.775	152	220118	10.390	ng		99
50) Dimethylphthalate	9.628	163	175284	10.133	ng		99
51) 2,6-Dinitrotoluene	9.692	165	35433	10.119	ng		98
52) Acenaphthene	9.945	154	151661	10.705	ng		99
53) 3-Nitroaniline	9.863	138	39270	10.259	ng		99
54) 2,4-Dinitrophenol	9.981	184	26319	12.447	ng		97
55) Dibenzofuran	10.122	168	208943	10.530	ng		99
56) 4-Nitrophenol	10.028	139	35627	12.867	ng		98
57) 2,4-Dinitrotoluene	10.098	165	49257	10.508	ng	#	98
58) Fluorene	10.463	166	159623	10.581	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	45333	10.207	ng		97
60) Diethylphthalate	10.328	149	166246	10.426	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	91478	10.645	ng		99
62) 4-Nitroaniline	10.475	138	37821	10.375	ng		98
63) Azobenzene	10.616	77	157098	10.586	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	34516	10.823	ng		99
66) n-Nitrosodiphenylamine	10.569	169	158661	10.509	ng		98
67) 4-Bromophenyl-phenylether	10.945	248	60929	10.169	ng		96
68) Hexachlorobenzene	11.016	284	71759	10.168	ng		94
69) Atrazine	11.098	200	49466	10.302	ng		97
70) Pentachlorophenol	11.210	266	31673	9.012	ng		97
71) Phenanthrene	11.428	178	244478	10.460	ng		99
72) Anthracene	11.480	178	248511	10.457	ng		99
73) Carbazole	11.639	167	215269	10.652	ng		98
74) Di-n-butylphthalate	11.963	149	258464	10.580	ng		99
75) Fluoranthene	12.622	202	250112	10.359	ng		99
77) Benzidine	12.745	184	104876	11.958	ng		99
78) Pyrene	12.851	202	258743	10.823	ng		99
80) Butylbenzylphthalate	13.469	149	87462	10.556	ng		96
81) Benzo(a)anthracene	14.045	228	198590	9.664	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	67166	9.535	ng		97
83) Chrysene	14.080	228	184604	9.731	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	109593	9.662	ng		98
85) Di-n-octyl phthalate	14.645	149	172428	8.811	ng		99
87) Indeno(1,2,3-cd)pyrene	17.039	276	219736	9.831	ng		99
88) Benzo(b)fluoranthene	15.104	252	176369	9.963	ng		99
89) Benzo(k)fluoranthene	15.133	252	170386	10.283	ng		98
90) Benzo(a)pyrene	15.474	252	163529	10.013	ng		97
91) Dibenzo(a,h)anthracene	17.051	278	179793	10.016	ng		98
92) Benzo(g,h,i)perylene	17.492	276	175090	9.877	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144171.D
Acq On : 05 Nov 2025 13:50
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Nov 05 17:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144172.D
Acq On : 05 Nov 2025 14:20
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Nov 05 17:23:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	97055	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	380834	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	220087	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	388430	20.000	ng	0.00
76) Chrysene-d12	14.057	240	250706	20.000	ng	0.00
86) Perylene-d12	15.539	264	297677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	255468	41.191	ng	0.00
7) Phenol-d6	6.498	99	293338	41.742	ng	-0.01
23) Nitrobenzene-d5	7.434	82	265652	40.287	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	112928	40.889	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	599169	40.208	ng	0.00
79) Terphenyl-d14	12.992	244	638611	40.461	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.611	88	50319	19.624	ng	99
3) Pyridine	3.387	79	144716	20.230	ng	97
4) n-Nitrosodimethylamine	3.322	42	70474	18.860	ng	99
6) Aniline	6.534	93	205178	20.492	ng	100
8) 2-Chlorophenol	6.657	128	125443	20.624	ng	99
9) Benzaldehyde	6.428	77	88978	22.422	ng	99
10) Phenol	6.516	94	178562	20.797	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	130219	20.814	ng	98
12) 1,3-Dichlorobenzene	6.816	146	153679	20.476	ng	97
13) 1,4-Dichlorobenzene	6.893	146	153656	20.435	ng	99
14) 1,2-Dichlorobenzene	7.046	146	144447	20.042	ng	99
15) Benzyl Alcohol	7.016	79	115331	20.726	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	242281	21.029	ng	95
17) 2-Methylphenol	7.122	107	97725	20.196	ng	96
18) Hexachloroethane	7.387	117	51648	20.675	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	96676	20.897	ng	99
20) 3+4-Methylphenols	7.275	107	118666	20.804	ng	94
22) Acetophenone	7.281	105	165374	20.242	ng	97
24) Nitrobenzene	7.457	77	143192	20.000	ng	97
25) Isophorone	7.693	82	254863	20.434	ng	97
26) 2-Nitrophenol	7.775	139	72909	20.572	ng	97
27) 2,4-Dimethylphenol	7.804	122	100827	18.981	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	157029	20.161	ng	96
29) 2,4-Dichlorophenol	8.016	162	125803	20.548	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	126402	20.106	ng	96
31) Naphthalene	8.181	128	373973	20.643	ng	99
32) Benzoic acid	7.916	122	83801	21.522	ng	97
33) 4-Chloroaniline	8.228	127	135273	20.474	ng	99
34) Hexachlorobutadiene	8.292	225	95971	20.255	ng	99
35) Caprolactam	8.587	113	35272	21.028	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	115603	21.069	ng	99
37) 2-Methylnaphthalene	8.869	142	253201	20.905	ng	99
38) 1-Methylnaphthalene	8.969	142	240612	20.588	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	144980	20.100	ng	99
41) Hexachlorocyclopentadiene	9.022	237	31247	18.527	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	98855	20.136	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144172.D
Acq On : 05 Nov 2025 14:20
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Nov 05 17:23:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	109277	20.653	ng	98
46) 1,1'-Biphenyl	9.334	154	313667	20.417	ng	99
47) 2-Chloronaphthalene	9.357	162	265522	20.262	ng	99
48) 2-Nitroaniline	9.457	65	76785	20.308	ng	97
49) Acenaphthylene	9.775	152	369018	20.664	ng	98
50) Dimethylphthalate	9.628	163	299125	20.516	ng	99
51) 2,6-Dinitrotoluene	9.698	165	59656	20.212	ng	96
52) Acenaphthene	9.945	154	246497	20.641	ng	99
53) 3-Nitroaniline	9.869	138	66539	20.623	ng	98
54) 2,4-Dinitrophenol	9.981	184	36453	20.453	ng	96
55) Dibenzofuran	10.122	168	348955	20.864	ng	98
56) 4-Nitrophenol	10.028	139	44352	19.003	ng	99
57) 2,4-Dinitrotoluene	10.104	165	81812	20.706	ng	98
58) Fluorene	10.463	166	263546	20.725	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	73978	19.762	ng	97
60) Diethylphthalate	10.334	149	276008	20.535	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	149181	20.595	ng	99
62) 4-Nitroaniline	10.481	138	64484	20.987	ng	97
63) Azobenzene	10.616	77	252025	20.147	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	53585	20.307	ng	99
66) n-Nitrosodiphenylamine	10.575	169	246642	19.743	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	98958	19.959	ng	98
68) Hexachlorobenzene	11.016	284	118426	20.279	ng	94
69) Atrazine	11.098	200	83639	21.052	ng	98
70) Pentachlorophenol	11.210	266	55766	19.177	ng	99
71) Phenanthrene	11.433	178	382805	19.794	ng	99
72) Anthracene	11.481	178	399043	20.292	ng	98
73) Carbazole	11.639	167	342636	20.490	ng	99
74) Di-n-butylphthalate	11.963	149	418262	20.691	ng	100
75) Fluoranthene	12.622	202	408870	20.466	ng	99
77) Benzidine	12.745	184	130033	17.535	ng	100
78) Pyrene	12.851	202	408920	20.229	ng	99
80) Butylbenzylphthalate	13.469	149	137856	19.677	ng	99
81) Benzo(a)anthracene	14.045	228	333458	19.191	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	115478	19.389	ng	96
83) Chrysene	14.080	228	320726	19.995	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	189305	19.738	ng	100
85) Di-n-octyl phthalate	14.645	149	318841	19.268	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	430691	20.155	ng	99
88) Benzo(b)fluoranthene	15.104	252	331673	19.598	ng	100
89) Benzo(k)fluoranthene	15.133	252	322479	20.358	ng	98
90) Benzo(a)pyrene	15.474	252	314894	20.169	ng	97
91) Dibenzo(a,h)anthracene	17.057	278	349788	20.383	ng	99
92) Benzo(g,h,i)perylene	17.498	276	343144	20.248	ng	99

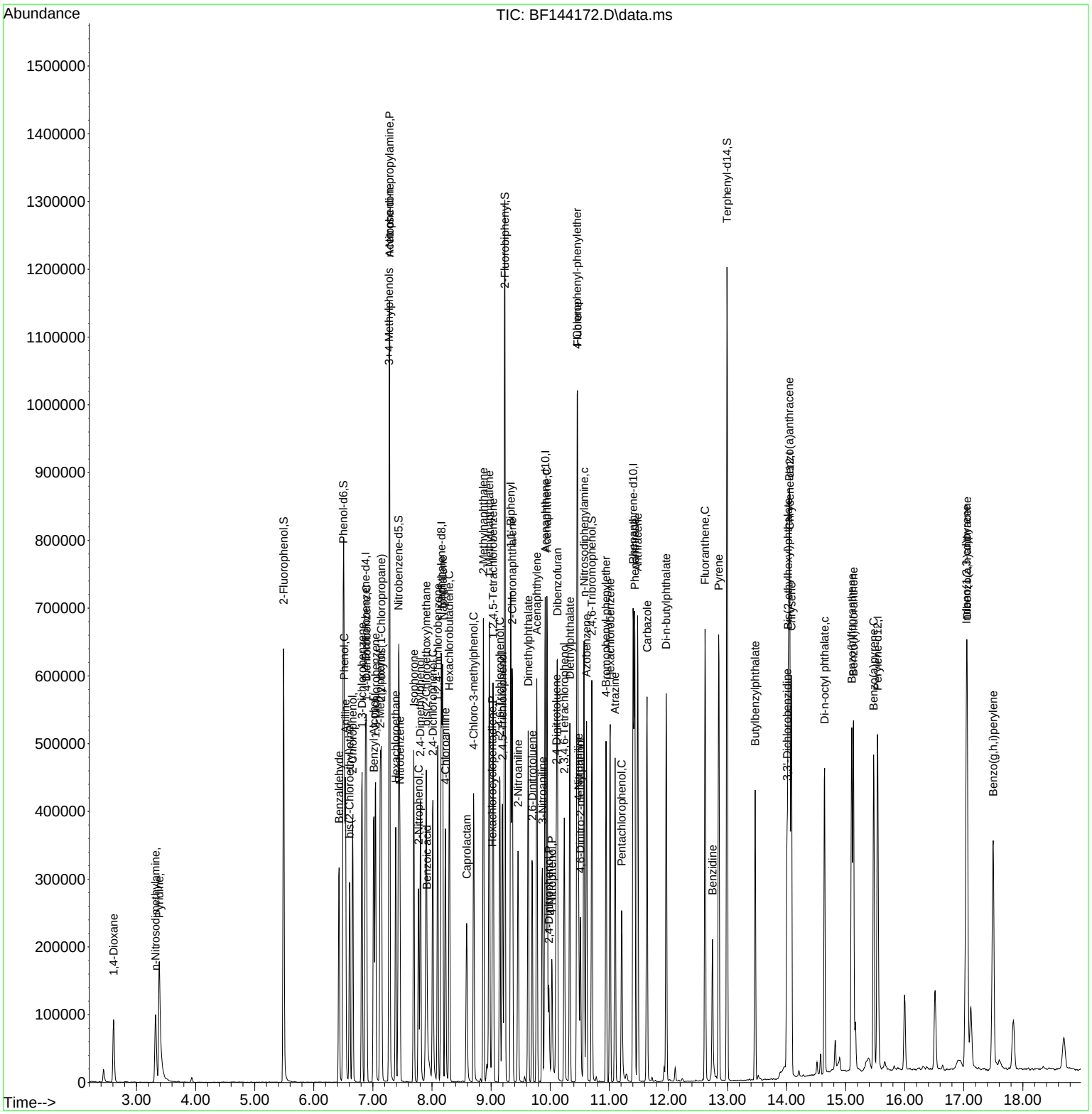
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144172.D
Acq On : 05 Nov 2025 14:20
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Nov 05 17:23:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144173.D
Acq On : 05 Nov 2025 14:50
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69901	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	262306	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	148823	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	257329	20.000	ng	0.00
76) Chrysene-d12	14.057	240	162650	20.000	ng	0.00
86) Perylene-d12	15.539	264	208923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	367722	82.322	ng	0.00
7) Phenol-d6	6.504	99	408339	80.678	ng	0.00
23) Nitrobenzene-d5	7.440	82	377687	83.160	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	157795	84.493	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	803464	79.737	ng	0.00
79) Terphenyl-d14	12.992	244	856515	83.645	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	77384	41.903	ng	100
3) Pyridine	3.375	79	212533	41.251	ng	100
4) n-Nitrosodimethylamine	3.322	42	108374	40.269	ng	100
6) Aniline	6.540	93	288906	40.064	ng	100
8) 2-Chlorophenol	6.657	128	179075	40.879	ng	100
9) Benzaldehyde	6.428	77	114062	39.909	ng	100
10) Phenol	6.516	94	259703	41.997	ng	100
11) bis(2-Chloroethyl)ether	6.610	93	184041	40.844	ng	100
12) 1,3-Dichlorobenzene	6.816	146	215469	39.861	ng	100
13) 1,4-Dichlorobenzene	6.893	146	222488	41.084	ng	100
14) 1,2-Dichlorobenzene	7.045	146	207631	40.001	ng	100
15) Benzyl Alcohol	7.016	79	162316	40.501	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	338078	40.743	ng	100
17) 2-Methylphenol	7.128	107	144386	41.431	ng	100
18) Hexachloroethane	7.387	117	74377	41.339	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	132769	39.848	ng	100
20) 3+4-Methylphenols	7.281	107	169917	41.361	ng	100
22) Acetophenone	7.287	105	227627	40.452	ng	100
24) Nitrobenzene	7.457	77	203520	41.272	ng	100
25) Isophorone	7.692	82	352919	41.082	ng	100
26) 2-Nitrophenol	7.775	139	103181	42.269	ng	100
27) 2,4-Dimethylphenol	7.810	122	156535	42.784	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	221900	41.364	ng	100
29) 2,4-Dichlorophenol	8.016	162	173779	41.210	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	176777	40.825	ng	100
31) Naphthalene	8.181	128	508521	40.755	ng	100
32) Benzoic acid	7.916	122	94209	35.128	ng	100
33) 4-Chloroaniline	8.228	127	190054	41.763	ng	100
34) Hexachlorobutadiene	8.292	225	135990	41.671	ng	100
35) Caprolactam	8.598	113	48459	41.945	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	155844	41.237	ng	100
37) 2-Methylnaphthalene	8.869	142	339639	40.712	ng	100
38) 1-Methylnaphthalene	8.969	142	325483	40.435	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	200998	41.210	ng	100
41) Hexachlorocyclopentadiene	9.022	237	59520	39.991	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	135691	40.875	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144173.D
Acq On : 05 Nov 2025 14:50
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

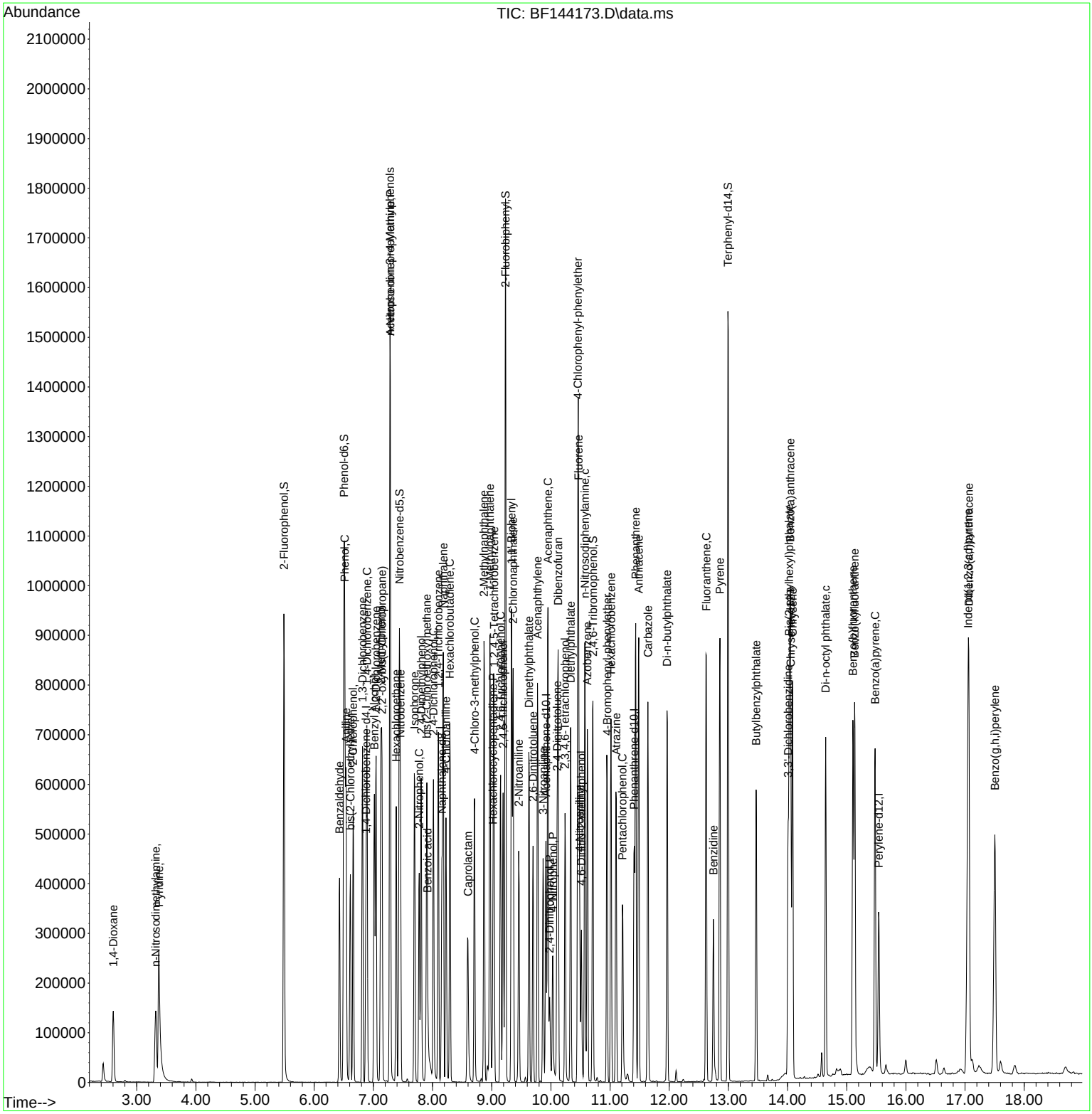
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	145405	40.641	ng	100
46) 1,1'-Biphenyl	9.334	154	419119	40.345	ng	100
47) 2-Chloronaphthalene	9.363	162	358514	40.458	ng	100
48) 2-Nitroaniline	9.457	65	107536	42.059	ng	100
49) Acenaphthylene	9.775	152	489708	40.553	ng	100
50) Dimethylphthalate	9.628	163	400479	40.620	ng	100
51) 2,6-Dinitrotoluene	9.698	165	82166	41.169	ng	100
52) Acenaphthene	9.951	154	326285	40.406	ng	100
53) 3-Nitroaniline	9.869	138	93636	42.918	ng	100
54) 2,4-Dinitrophenol	9.981	184	41716	34.614	ng	100
55) Dibenzofuran	10.122	168	461538	40.810	ng	100
56) 4-Nitrophenol	10.034	139	60643	38.426	ng	100
57) 2,4-Dinitrotoluene	10.104	165	114508	42.858	ng	100
58) Fluorene	10.469	166	351182	40.841	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	106411	42.037	ng	100
60) Diethylphthalate	10.334	149	373187	41.061	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	203750	41.598	ng	100
62) 4-Nitroaniline	10.486	138	85679	41.237	ng	100
63) Azobenzene	10.616	77	346367	40.948	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	67029	38.343	ng	100
66) n-Nitrosodiphenylamine	10.575	169	332623	40.189	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	135319	41.198	ng	100
68) Hexachlorobenzene	11.016	284	154532	39.943	ng	100
69) Atrazine	11.104	200	105912	40.239	ng	100
70) Pentachlorophenol	11.210	266	80306	41.685	ng	100
71) Phenanthrene	11.433	178	519052	40.513	ng	100
72) Anthracene	11.486	178	525954	40.372	ng	100
73) Carbazole	11.639	167	451935	40.796	ng	100
74) Di-n-butylphthalate	11.963	149	550628	41.117	ng	100
75) Fluoranthene	12.627	202	542525	40.992	ng	100
77) Benzidine	12.745	184	202921	42.178	ng	100
78) Pyrene	12.857	202	554374	42.272	ng	100
80) Butylbenzylphthalate	13.469	149	191850	42.209	ng	100
81) Benzo(a)anthracene	14.045	228	465201	41.267	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	156957	40.620	ng	100
83) Chrysene	14.086	228	456347	43.853	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	265384	42.651	ng	100
85) Di-n-octyl phthalate	14.645	149	458823	42.739	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	620668	41.385	ng	100
88) Benzo(b)fluoranthene	15.104	252	515192	43.375	ng	100
89) Benzo(k)fluoranthene	15.133	252	435087	39.135	ng	100
90) Benzo(a)pyrene	15.480	252	449869	41.055	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	500778	41.578	ng	100
92) Benzo(g,h,i)perylene	17.504	276	497680	41.843	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144173.D
Acq On : 05 Nov 2025 14:50
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144174.D
Acq On : 05 Nov 2025 15:49
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Nov 05 17:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	84549	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	313425	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	170294	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	283828	20.000	ng		0.00
76) Chrysene-d12	14.063	240	194366	20.000	ng		0.00
86) Perylene-d12	15.545	264	264861	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	489170	90.538	ng		0.00
7) Phenol-d6	6.504	99	541465	88.447	ng		0.00
23) Nitrobenzene-d5	7.439	82	502493	92.595	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	192917	90.275	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1002454	86.941	ng		0.00
79) Terphenyl-d14	12.998	244	1012618	82.754	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.605	88	105785	47.358	ng		97
3) Pyridine	3.375	79	291313	46.746	ng		98
4) n-Nitrosodimethylamine	3.334	42	152767	46.930	ng		98
6) Aniline	6.540	93	389058	44.605	ng		99
8) 2-Chlorophenol	6.663	128	243472	45.950	ng		99
9) Benzaldehyde	6.428	77	141949	41.062	ng		97
10) Phenol	6.522	94	330203	44.146	ng		92
11) bis(2-Chloroethyl)ether	6.610	93	244159	44.798	ng		97
12) 1,3-Dichlorobenzene	6.816	146	295294	45.164	ng		98
13) 1,4-Dichlorobenzene	6.892	146	290027	44.277	ng		100
14) 1,2-Dichlorobenzene	7.045	146	280070	44.609	ng		99
15) Benzyl Alcohol	7.016	79	221836	45.762	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	453774	45.212	ng		98
17) 2-Methylphenol	7.128	107	189260	44.899	ng		100
18) Hexachloroethane	7.387	117	98682	45.346	ng		100
19) n-Nitroso-di-n-propyla...	7.287	70	171911	42.657	ng		95
20) 3+4-Methylphenols	7.281	107	217734	43.819	ng		92
22) Acetophenone	7.287	105	297391	44.230	ng		96
24) Nitrobenzene	7.463	77	268336	45.541	ng		98
25) Isophorone	7.698	82	455511	44.376	ng		98
26) 2-Nitrophenol	7.775	139	136351	46.747	ng		97
27) 2,4-Dimethylphenol	7.810	122	204079	46.681	ng		97
28) bis(2-Chloroethoxy)met...	7.904	93	291202	45.429	ng		98
29) 2,4-Dichlorophenol	8.016	162	226748	45.001	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	231992	44.838	ng		99
31) Naphthalene	8.181	128	665821	44.658	ng		99
32) Benzoic acid	7.928	122	129332	40.359	ng		98
33) 4-Chloroaniline	8.228	127	241956	44.496	ng		99
34) Hexachlorobutadiene	8.292	225	181564	46.562	ng		98
35) Caprolactam	8.604	113	58430	42.327	ng	#	88
36) 4-Chloro-3-methylphenol	8.710	107	202891	44.930	ng		96
37) 2-Methylnaphthalene	8.875	142	438395	43.979	ng		99
38) 1-Methylnaphthalene	8.969	142	419784	43.644	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	250210	44.832	ng		98
41) Hexachlorocyclopentadiene	9.022	237	86860	48.007	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	174024	45.813	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144174.D
Acq On : 05 Nov 2025 15:49
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Nov 05 17:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

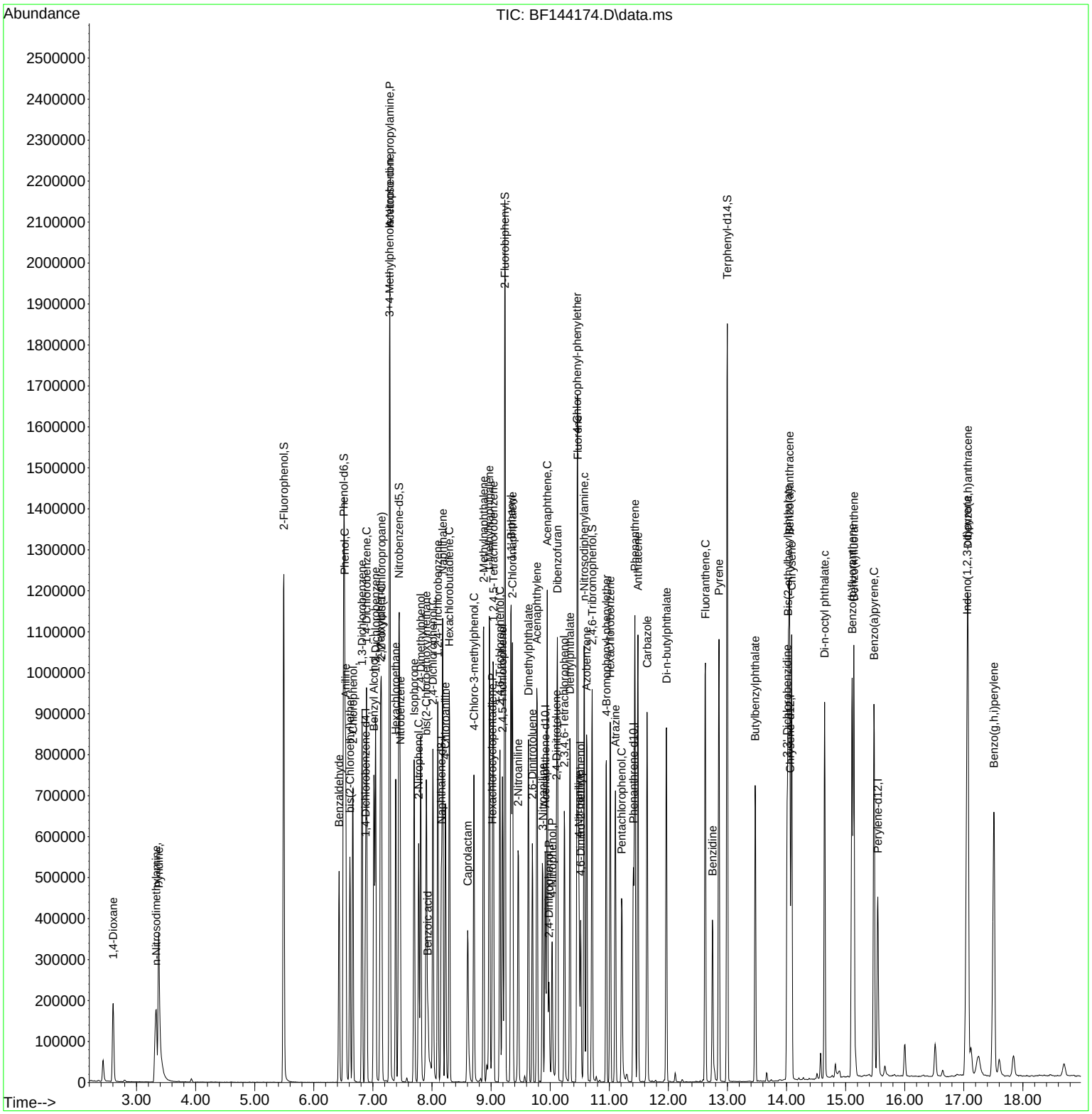
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186449	45.542	ng	100
46) 1,1'-Biphenyl	9.339	154	527437	44.371	ng	99
47) 2-Chloronaphthalene	9.363	162	454778	44.851	ng	99
48) 2-Nitroaniline	9.457	65	138845	47.458	ng	97
49) Acenaphthylene	9.775	152	613066	44.368	ng	99
50) Dimethylphthalate	9.633	163	497451	44.094	ng	100
51) 2,6-Dinitrotoluene	9.698	165	107091	46.892	ng	99
52) Acenaphthene	9.951	154	407187	44.067	ng	99
53) 3-Nitroaniline	9.875	138	112371	45.012	ng	99
54) 2,4-Dinitrophenol	9.981	184	56551	41.007	ng	97
55) Dibenzofuran	10.122	168	569268	43.989	ng	99
56) 4-Nitrophenol	10.033	139	78636	43.544	ng	98
57) 2,4-Dinitrotoluene	10.104	165	139501	45.629	ng	98
58) Fluorene	10.469	166	424429	43.136	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	134554	46.453	ng	98
60) Diethylphthalate	10.333	149	457569	43.997	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	242650	43.294	ng	96
62) 4-Nitroaniline	10.486	138	108312	45.557	ng	97
63) Azobenzene	10.616	77	423631	43.768	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	85232	44.204	ng	98
66) n-Nitrosodiphenylamine	10.575	169	409670	44.877	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	161600	44.606	ng	99
68) Hexachlorobenzene	11.016	284	193574	45.364	ng	97
69) Atrazine	11.104	200	127465	43.906	ng	99
70) Pentachlorophenol	11.210	266	96941	45.622	ng	97
71) Phenanthrene	11.433	178	633088	44.800	ng	100
72) Anthracene	11.486	178	636448	44.292	ng	99
73) Carbazole	11.639	167	540957	44.273	ng	100
74) Di-n-butylphthalate	11.969	149	650810	44.060	ng	100
75) Fluoranthene	12.627	202	645856	44.244	ng	99
77) Benzidine	12.745	184	248615	43.243	ng	99
78) Pyrene	12.857	202	666673	42.540	ng	100
80) Butylbenzylphthalate	13.469	149	242259	44.602	ng	99
81) Benzo(a)anthracene	14.051	228	626599	46.515	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	214437	46.440	ng	97
83) Chrysene	14.086	228	565678	45.489	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	342489	46.061	ng	99
85) Di-n-octyl phthalate	14.645	149	616644	48.068	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	867786	45.642	ng	99
88) Benzo(b)fluoranthene	15.110	252	663728	44.079	ng	99
89) Benzo(k)fluoranthene	15.139	252	661746	46.952	ng	98
90) Benzo(a)pyrene	15.480	252	637370	45.882	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	688620	45.098	ng	98
92) Benzo(g,h,i)perylene	17.509	276	680830	45.152	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144174.D
Acq On : 05 Nov 2025 15:49
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Nov 05 17:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144175.D
Acq On : 05 Nov 2025 16:19
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Nov 05 17:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	63801	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239743	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	126385	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	213136	20.000	ng	0.00
76) Chrysene-d12	14.057	240	145867	20.000	ng	0.00
86) Perylene-d12	15.539	264	205758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	509184	124.890	ng	0.00
7) Phenol-d6	6.510	99	559443	121.101	ng	0.00
23) Nitrobenzene-d5	7.439	82	519687	125.195	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	198226	124.986	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1047440	122.404	ng	0.00
79) Terphenyl-d14	12.998	244	1057426	115.147	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	109742	65.106	ng	99
3) Pyridine	3.375	79	307664	65.424	ng	97
4) n-Nitrosodimethylamine	3.334	42	166098	67.619	ng	97
6) Aniline	6.539	93	409356	62.194	ng	99
8) 2-Chlorophenol	6.663	128	247503	61.902	ng	99
9) Benzaldehyde	6.428	77	150534	57.706	ng	98
10) Phenol	6.522	94	342646	60.707	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	256657	62.405	ng	96
12) 1,3-Dichlorobenzene	6.816	146	303642	61.543	ng	98
13) 1,4-Dichlorobenzene	6.892	146	306973	62.104	ng	99
14) 1,2-Dichlorobenzene	7.045	146	293432	61.936	ng	99
15) Benzyl Alcohol	7.016	79	229107	62.632	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	467387	61.712	ng	96
17) 2-Methylphenol	7.128	107	191705	60.269	ng	96
18) Hexachloroethane	7.386	117	103964	63.308	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	179314	58.963	ng	96
20) 3+4-Methylphenols	7.281	107	224891	59.977	ng	91
22) Acetophenone	7.286	105	302907	58.897	ng	94
24) Nitrobenzene	7.463	77	285924	63.439	ng	98
25) Isophorone	7.698	82	485836	61.876	ng	99
26) 2-Nitrophenol	7.775	139	144140	64.606	ng	96
27) 2,4-Dimethylphenol	7.810	122	212249	63.471	ng	95
28) bis(2-Chloroethoxy)met...	7.904	93	304411	62.085	ng	99
29) 2,4-Dichlorophenol	8.016	162	234718	60.899	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	240858	60.858	ng	98
31) Naphthalene	8.181	128	684579	60.028	ng	100
32) Benzoic acid	7.933	122	136682	55.761	ng	96
33) 4-Chloroaniline	8.228	127	255554	61.441	ng	98
34) Hexachlorobutadiene	8.298	225	182626	61.229	ng	98
35) Caprolactam	8.610	113	62840	59.512	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	208910	60.481	ng	99
37) 2-Methylnaphthalene	8.875	142	447909	58.743	ng	98
38) 1-Methylnaphthalene	8.975	142	431529	58.654	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	271508	65.549	ng	99
41) Hexachlorocyclopentadiene	9.022	237	95909	64.419	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	185412	65.769	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144175.D
Acq On : 05 Nov 2025 16:19
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Nov 05 17:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

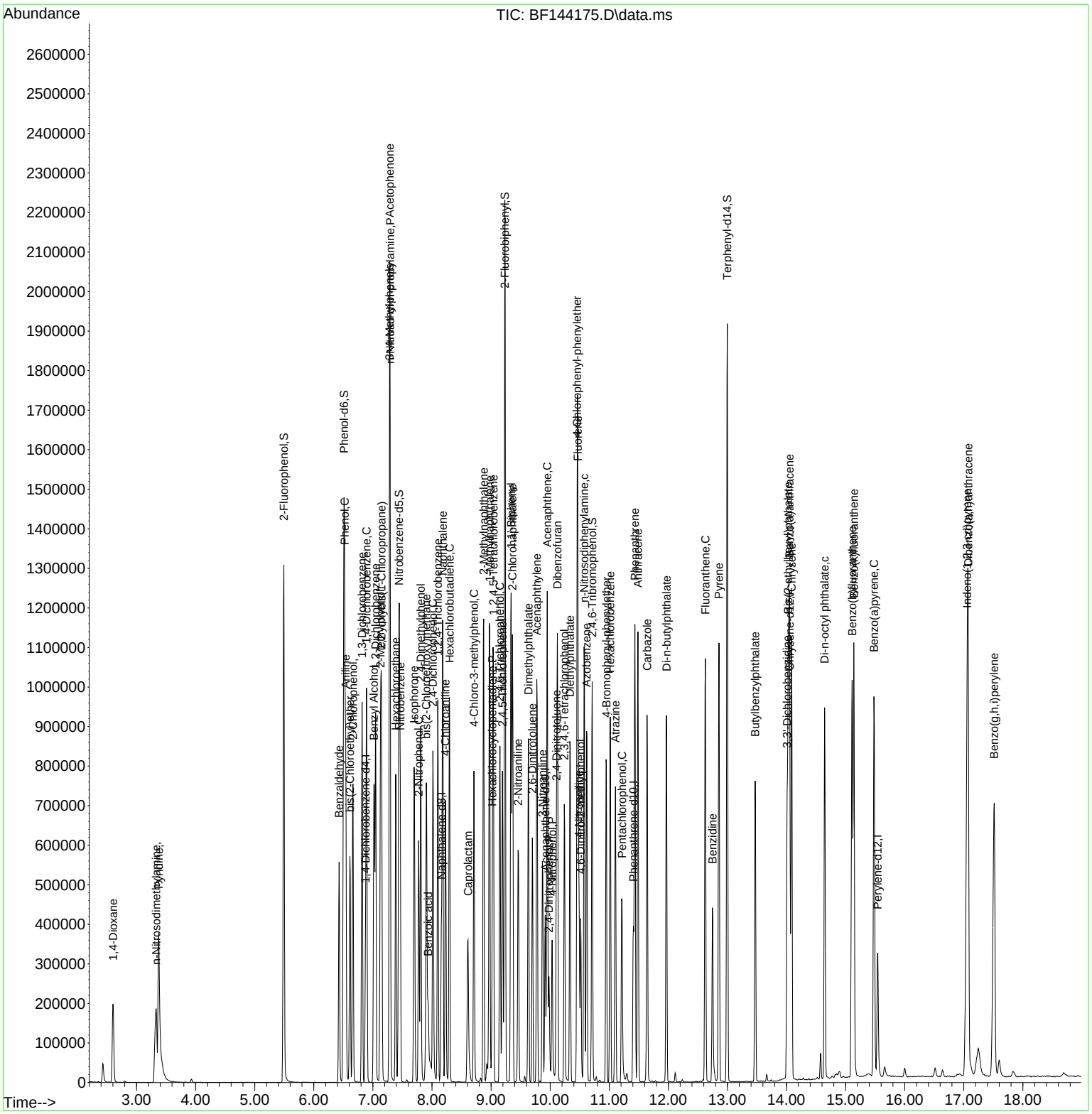
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	190324	62.639	ng	99
46) 1,1'-Biphenyl	9.339	154	549700	62.310	ng	99
47) 2-Chloronaphthalene	9.363	162	474514	63.056	ng	99
48) 2-Nitroaniline	9.457	65	141938	65.370	ng	98
49) Acenaphthylene	9.775	152	636324	62.050	ng	100
50) Dimethylphthalate	9.633	163	521205	62.250	ng	99
51) 2,6-Dinitrotoluene	9.698	165	110140	64.983	ng	99
52) Acenaphthene	9.951	154	423653	61.778	ng	99
53) 3-Nitroaniline	9.869	138	119967	64.749	ng	100
54) 2,4-Dinitrophenol	9.980	184	63597	62.138	ng	98
55) Dibenzofuran	10.122	168	592400	61.680	ng	98
56) 4-Nitrophenol	10.033	139	80163	59.812	ng	97
57) 2,4-Dinitrotoluene	10.104	165	142910	62.984	ng	97
58) Fluorene	10.469	166	435687	59.664	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	140953	65.569	ng	97
60) Diethylphthalate	10.333	149	468931	60.755	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	249857	60.068	ng	97
62) 4-Nitroaniline	10.486	138	109153	61.862	ng	97
63) Azobenzene	10.616	77	453890	63.187	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	90823	62.727	ng	97
66) n-Nitrosodiphenylamine	10.574	169	421720	61.520	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	170395	62.634	ng	99
68) Hexachlorobenzene	11.016	284	204258	63.744	ng	96
69) Atrazine	11.104	200	134002	61.467	ng	100
70) Pentachlorophenol	11.216	266	103466	64.842	ng	99
71) Phenanthrene	11.433	178	641461	60.448	ng	99
72) Anthracene	11.486	178	656819	60.871	ng	100
73) Carbazole	11.639	167	546322	59.542	ng	100
74) Di-n-butylphthalate	11.969	149	677444	61.075	ng	99
75) Fluoranthene	12.627	202	667021	60.849	ng	99
77) Benzidine	12.745	184	277725	64.368	ng	100
78) Pyrene	12.857	202	686663	58.384	ng	100
80) Butylbenzylphthalate	13.468	149	249274	61.152	ng	100
81) Benzo(a)anthracene	14.051	228	653341	64.625	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	232807	67.182	ng	96
83) Chrysene	14.086	228	580449	62.196	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	351501	62.991	ng	98
85) Di-n-octyl phthalate	14.645	149	631065	65.547	ng	100
87) Indeno(1,2,3-cd)pyrene	17.056	276	938738	63.557	ng	100
88) Benzo(b)fluoranthene	15.109	252	700099	59.849	ng	99
89) Benzo(k)fluoranthene	15.139	252	699851	63.919	ng	98
90) Benzo(a)pyrene	15.480	252	680720	63.078	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	746544	62.936	ng	98
92) Benzo(g,h,i)perylene	17.515	276	757880	64.699	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144175.D
Acq On : 05 Nov 2025 16:19
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Nov 05 17:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144176.D
Acq On : 05 Nov 2025 16:49
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Nov 05 17:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69287	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	261584	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	147600	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	244733	20.000	ng	0.00
76) Chrysene-d12	14.063	240	156809	20.000	ng	0.00
86) Perylene-d12	15.545	264	213275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	661124	149.317	ng	0.00
7) Phenol-d6	6.510	99	742089	147.919	ng	0.00
23) Nitrobenzene-d5	7.445	82	707494	156.207	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	293555	158.489	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1397211	139.809	ng	0.00
79) Terphenyl-d14	12.998	244	1449323	146.810	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	149682	81.770	ng	99
3) Pyridine	3.375	79	427549	83.719	ng	99
4) n-Nitrosodimethylamine	3.346	42	224403	84.122	ng	98
6) Aniline	6.545	93	532078	74.439	ng	98
8) 2-Chlorophenol	6.663	128	333730	76.859	ng	100
9) Benzaldehyde	6.428	77	189297	66.820	ng	97
10) Phenol	6.528	94	441818	72.080	ng	78
11) bis(2-Chloroethyl)ether	6.616	93	348844	78.104	ng	99
12) 1,3-Dichlorobenzene	6.816	146	406743	75.913	ng	97
13) 1,4-Dichlorobenzene	6.892	146	405797	75.597	ng	99
14) 1,2-Dichlorobenzene	7.045	146	389053	75.617	ng	99
15) Benzyl Alcohol	7.022	79	317271	79.866	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	620126	75.396	ng	88
17) 2-Methylphenol	7.128	107	265517	76.865	ng	99
18) Hexachloroethane	7.386	117	139795	78.387	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	249355	75.502	ng	98
20) 3+4-Methylphenols	7.287	107	299182	73.473	ng	97
22) Acetophenone	7.292	105	409610	72.994	ng	94
24) Nitrobenzene	7.463	77	385188	78.328	ng	98
25) Isophorone	7.704	82	689837	80.522	ng	99
26) 2-Nitrophenol	7.775	139	194869	80.050	ng	94
27) 2,4-Dimethylphenol	7.816	122	287607	78.826	ng	96
28) bis(2-Chloroethoxy)met...	7.910	93	407835	76.234	ng	97
29) 2,4-Dichlorophenol	8.022	162	311260	74.016	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	326475	75.604	ng	97
31) Naphthalene	8.186	128	920731	73.994	ng	99
32) Benzoic acid	7.951	122	213364	79.777	ng	97
33) 4-Chloroaniline	8.233	127	341033	75.146	ng	97
34) Hexachlorobutadiene	8.298	225	249435	76.645	ng	98
35) Caprolactam	8.622	113	91899	79.765	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	290083	76.969	ng	98
37) 2-Methylnaphthalene	8.875	142	610532	73.386	ng	100
38) 1-Methylnaphthalene	8.975	142	586747	73.093	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	361014	74.631	ng	99
41) Hexachlorocyclopentadiene	9.028	237	146524	78.238	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	254681	77.355	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144176.D
Acq On : 05 Nov 2025 16:49
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Nov 05 17:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	268940	75.791	ng	98
46) 1,1'-Biphenyl	9.339	154	749883	72.784	ng	99
47) 2-Chloronaphthalene	9.369	162	641521	72.995	ng	99
48) 2-Nitroaniline	9.463	65	203746	80.348	ng	98
49) Acenaphthylene	9.780	152	889410	74.264	ng	99
50) Dimethylphthalate	9.633	163	736477	75.318	ng	100
51) 2,6-Dinitrotoluene	9.704	165	156870	79.250	ng	98
52) Acenaphthene	9.951	154	594593	74.243	ng	99
53) 3-Nitroaniline	9.875	138	167110	77.230	ng	96
54) 2,4-Dinitrophenol	9.986	184	96727	80.924	ng	96
55) Dibenzofuran	10.128	168	802174	71.517	ng	98
56) 4-Nitrophenol	10.039	139	117050	74.782	ng	93
57) 2,4-Dinitrotoluene	10.110	165	208441	78.661	ng	95
58) Fluorene	10.469	166	618508	72.526	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	203523	81.067	ng	98
60) Diethylphthalate	10.339	149	686705	76.182	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	357010	73.492	ng	95
62) 4-Nitroaniline	10.498	138	158441	76.889	ng	98
63) Azobenzene	10.622	77	646943	77.117	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	134894	81.136	ng	96
66) n-Nitrosodiphenylamine	10.580	169	600791	76.327	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	246236	78.826	ng	97
68) Hexachlorobenzene	11.022	284	289823	78.769	ng	97
69) Atrazine	11.110	200	191862	76.645	ng	99
70) Pentachlorophenol	11.216	266	161918	88.373	ng	99
71) Phenanthrene	11.433	178	916773	75.238	ng	99
72) Anthracene	11.486	178	916037	73.934	ng	99
73) Carbazole	11.645	167	777702	73.816	ng	100
74) Di-n-butylphthalate	11.969	149	965695	75.822	ng	100
75) Fluoranthene	12.627	202	937436	74.476	ng	99
77) Benzidine	12.751	184	347077	74.828	ng	99
78) Pyrene	12.857	202	943190	74.600	ng	99
80) Butylbenzylphthalate	13.474	149	344575	78.633	ng	99
81) Benzo(a)anthracene	14.051	228	856602	78.818	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	301919	81.046	ng	97
83) Chrysene	14.086	228	792397	78.982	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	479285	79.898	ng	99
85) Di-n-octyl phthalate	14.645	149	855486	82.657	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	1215637	79.403	ng	99
88) Benzo(b)fluoranthene	15.110	252	975518	80.454	ng	99
89) Benzo(k)fluoranthene	15.145	252	870791	76.728	ng	98
90) Benzo(a)pyrene	15.486	252	877623	78.458	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	970735	78.952	ng	98
92) Benzo(g,h,i)perylene	17.521	276	981387	80.827	ng	98

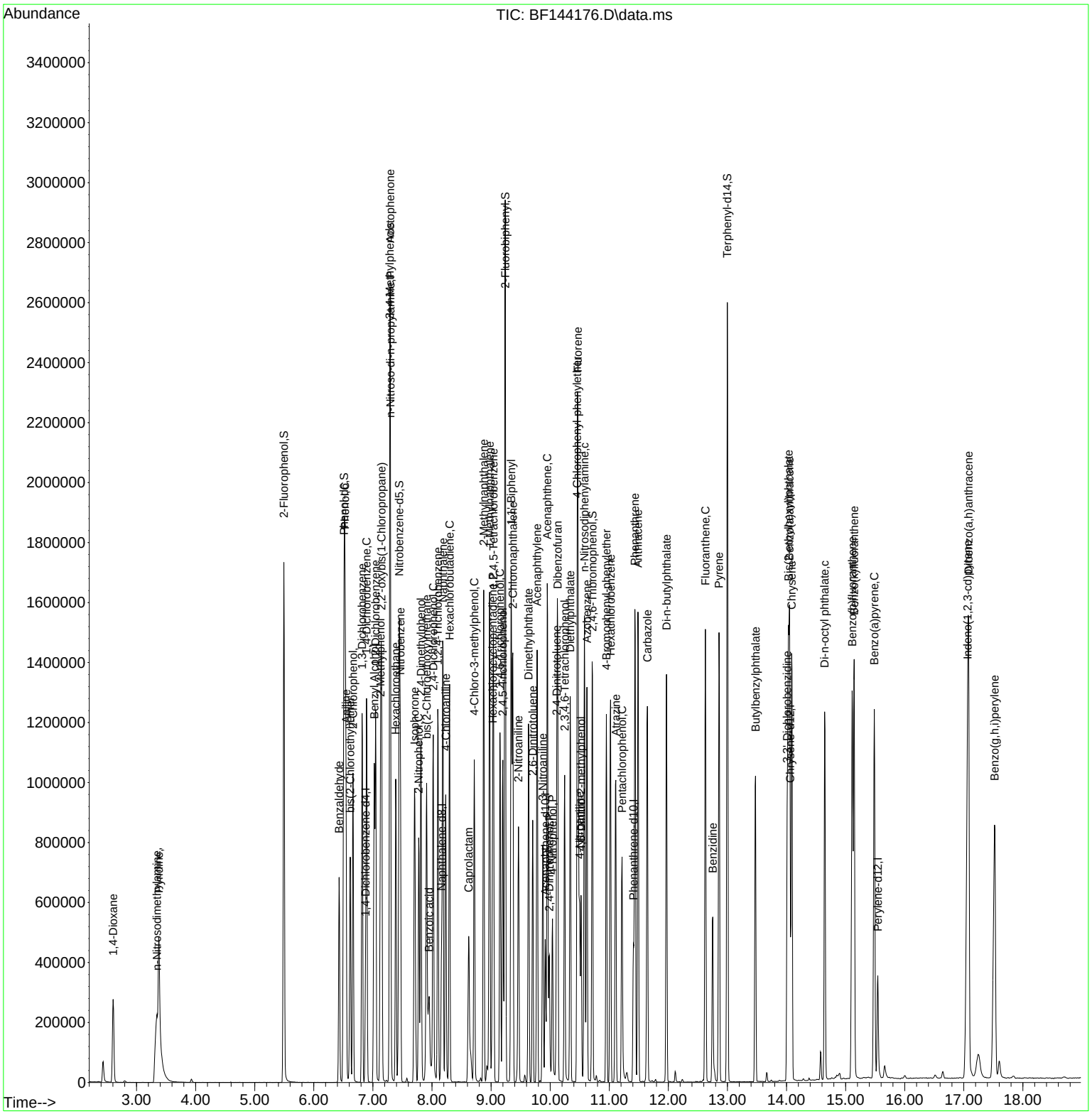
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144176.D
Acq On : 05 Nov 2025 16:49
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Nov 05 17:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	69106	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	264133	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	143807	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	244964	20.000	ng		0.00
76) Chrysene-d12	14.057	240	162721	20.000	ng		0.00
86) Perylene-d12	15.539	264	215110	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	310198	70.243	ng		0.00
7) Phenol-d6	6.498	99	347682	69.484	ng		-0.01
23) Nitrobenzene-d5	7.440	82	313737	68.601	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	122691	67.987	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	679055	69.741	ng		0.00
79) Terphenyl-d14	12.992	244	689624	67.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.605	88	63887	34.992	ng		99
3) Pyridine	3.375	79	165752	32.541	ng		98
4) n-Nitrosodimethylamine	3.322	42	96379	36.224	ng		99
6) Aniline	6.534	93	264913	37.159	ng		99
8) 2-Chlorophenol	6.657	128	151995	35.096	ng		100
9) Benzaldehyde	6.428	77	128101	45.337	ng		99
10) Phenol	6.516	94	217418	35.563	ng		98
11) bis(2-Chloroethyl)ether	6.610	93	156661	35.167	ng		98
12) 1,3-Dichlorobenzene	6.816	146	192589	36.038	ng		98
13) 1,4-Dichlorobenzene	6.893	146	191978	35.858	ng		98
14) 1,2-Dichlorobenzene	7.045	146	189651	36.957	ng		98
15) Benzyl Alcohol	7.016	79	141026	35.593	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	289907	35.340	ng		99
17) 2-Methylphenol	7.122	107	119633	34.723	ng		97
18) Hexachloroethane	7.387	117	64124	36.050	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	112165	34.051	ng		95
20) 3+4-Methylphenols	7.275	107	145554	35.839	ng	#	89
22) Acetophenone	7.281	105	204331	36.061	ng		98
24) Nitrobenzene	7.457	77	172618	34.763	ng		99
25) Isophorone	7.692	82	300648	34.755	ng		100
26) 2-Nitrophenol	7.775	139	89771	36.521	ng		96
27) 2,4-Dimethylphenol	7.804	122	144915	39.334	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	191347	35.422	ng		98
29) 2,4-Dichlorophenol	8.016	162	144739	34.086	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	155562	35.677	ng		99
31) Naphthalene	8.181	128	438013	34.861	ng		99
32) Benzoic acid	7.916	122	81416m	30.148	ng		
33) 4-Chloroaniline	8.228	127	177275	38.685	ng		98
34) Hexachlorobutadiene	8.292	225	113543	34.552	ng		99
35) Caprolactam	8.592	113	38947	33.478	ng		97
36) 4-Chloro-3-methylphenol	8.704	107	130667	34.336	ng		98
37) 2-Methylnaphthalene	8.869	142	268630	31.978	ng		99
38) 1-Methylnaphthalene	8.969	142	271310	33.472	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	173491	36.811	ng		98
41) Hexachlorocyclopentadiene	9.022	237	69987	46.350	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	113418	35.357	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	121621	35.179	ng	98
46) 1,1'-Biphenyl	9.334	154	366655	36.526	ng	99
47) 2-Chloronaphthalene	9.363	162	300481	35.092	ng	99
48) 2-Nitroaniline	9.457	65	88055	35.641	ng	97
49) Acenaphthylene	9.775	152	464616	39.818	ng	99
50) Dimethylphthalate	9.634	163	334163	35.076	ng	99
51) 2,6-Dinitrotoluene	9.698	165	70890	36.758	ng	97
52) Acenaphthene	9.951	154	262974	33.702	ng	98
53) 3-Nitroaniline	9.869	138	74572	35.372	ng	98
54) 2,4-Dinitrophenol	9.981	184	33460	28.732	ng	97
55) Dibenzofuran	10.122	168	389072	35.602	ng	99
56) 4-Nitrophenol	10.034	139	47167	30.929	ng	93
57) 2,4-Dinitrotoluene	10.104	165	92928	35.994	ng	98
58) Fluorene	10.463	166	298316	35.903	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	91542	37.425	ng	98
60) Diethylphthalate	10.333	149	304274	34.646	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	165662	35.002	ng	98
62) 4-Nitroaniline	10.481	138	70828	35.278	ng	97
63) Azobenzene	10.616	77	293901	35.958	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	52164	31.346	ng	96
66) n-Nitrosodiphenylamine	10.575	169	285930	36.292	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	106730	34.135	ng	97
68) Hexachlorobenzene	11.016	284	128202	34.810	ng	98
69) Atrazine	11.098	200	92182	36.790	ng	97
70) Pentachlorophenol	11.216	266	59981	32.706	ng	99
71) Phenanthrene	11.433	178	427466	35.049	ng	99
72) Anthracene	11.486	178	437609	35.286	ng	100
73) Carbazole	11.639	167	360909	34.224	ng	99
74) Di-n-butylphthalate	11.963	149	440261	34.535	ng	99
75) Fluoranthene	12.622	202	432624	34.338	ng	99
77) Benzidine	12.745	184	217389	45.165	ng	99
78) Pyrene	12.857	202	433110	33.011	ng	99
80) Butylbenzylphthalate	13.469	149	157485	34.633	ng	98
81) Benzo(a)anthracene	14.045	228	377686	33.489	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	153129	39.612	ng	96
83) Chrysene	14.086	228	359786	34.559	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	217122	34.880	ng	99
85) Di-n-octyl phthalate	14.645	149	377429	35.142	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	525298	34.019	ng	100
88) Benzo(b)fluoranthene	15.104	252	428292	35.021	ng	99
89) Benzo(k)fluoranthene	15.133	252	371234	32.431	ng	99
90) Benzo(a)pyrene	15.480	252	399556	35.415	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	423195	34.126	ng	99
92) Benzo(g,h,i)perylene	17.504	276	426866	34.857	ng	98

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

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
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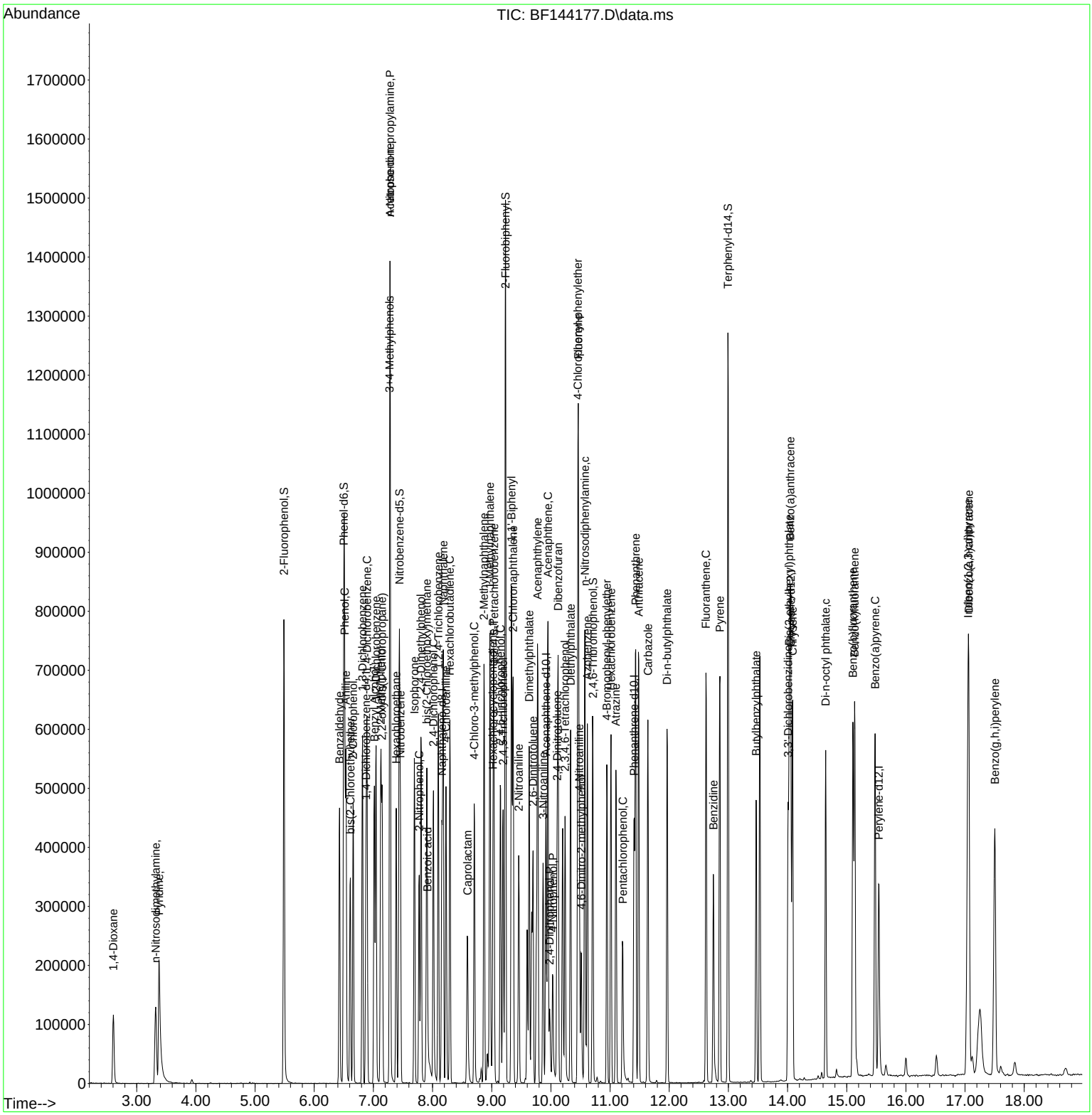
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
2		1,4-Dioxane	0.528	0.462	12.5	83	-0.01
3		Pyridine	1.474	1.199	18.7	78	-0.04
4		n-Nitrosodimethylamine	0.770	0.697	9.5	89	-0.02
5	S	2-Fluorophenol	1.278	1.122	12.2	84	0.00
6		Aniline	2.063	1.917	7.1	92	0.00
7	S	Phenol-d6	1.448	1.258	13.1	85	0.00
8		2-Chlorophenol	1.253	1.100	12.2	85	0.00
9		Benzaldehyde	0.818	0.927	-13.3	112	0.00
10	C	Phenol	1.769	1.573	11.1	84	0.00
11		bis(2-Chloroethyl)ether	1.289	1.133	12.1	85	0.00
12		1,3-Dichlorobenzene	1.547	1.393	10.0	89	0.00
13	C	1,4-Dichlorobenzene	1.549	1.389	10.3	86	0.00
14		1,2-Dichlorobenzene	1.485	1.372	7.6	91	0.00
15		Benzyl Alcohol	1.147	1.020	11.1	87	0.00
16		2,2'-oxybis(1-Chloropropane	2.374	2.098	11.6	86	0.00
17		2-Methylphenol	0.997	0.866	13.1	83	0.00
18		Hexachloroethane	0.515	0.464	9.9	86	0.00
19	P	n-Nitroso-di-n-propylamine	0.953	0.812	14.8	84	0.00
20		3+4-Methylphenols	1.175	1.053	10.4	86	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	101	0.00
22		Acetophenone	0.429	0.387	9.8	90	0.00
23	S	Nitrobenzene-d5	0.346	0.297	14.2	83	0.00
24		Nitrobenzene	0.376	0.327	13.0	85	0.00
25		Isophorone	0.655	0.569	13.1	85	0.00
26	C	2-Nitrophenol	0.186	0.170	8.6	87	0.00
27		2,4-Dimethylphenol	0.279	0.274	1.8	93	0.00
28		bis(2-Chloroethoxy)methane	0.409	0.362	11.5	86	0.00
29	C	2,4-Dichlorophenol	0.322	0.274	14.9	83	0.00
30		1,2,4-Trichlorobenzene	0.330	0.294	10.9	88	0.00
31		Naphthalene	0.951	0.829	12.8	86	0.00
32		Benzoic acid	0.204	0.154	24.5	86	-0.04
33		4-Chloroaniline	0.347	0.336	3.2	93	0.00
34	C	Hexachlorobutadiene	0.249	0.215	13.7	83	0.00
35		Caprolactam	0.088	0.074	15.9	80	-0.03
36	C	4-Chloro-3-methylphenol	0.288	0.247	14.2	84	0.00
37		2-Methylnaphthalene	0.636	0.509	20.0	79	0.00
38		1-Methylnaphthalene	0.614	0.514	16.3	83	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	97	0.00
40		1,2,4,5-Tetrachlorobenzene	0.655	0.603	7.9	86	0.00
41	P	Hexachlorocyclopentadiene	0.195	0.243	-24.6	118	0.00
42	S	2,4,6-Tribromophenol	0.251	0.213	15.1	78	0.00
43	C	2,4,6-Trichlorophenol	0.446	0.394	11.7	84	0.00
44		2,4,5-Trichlorophenol	0.481	0.423	12.1	84	0.00
45	S	2-Fluorobiphenyl	1.354	1.180	12.9	85	0.00
46		1,1'-Biphenyl	1.396	1.275	8.7	87	0.00
47		2-Chloronaphthalene	1.191	1.045	12.3	84	0.00

ICAL Form

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Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.344	0.306	11.0	82	0.00
49		Acenaphthylene	1.623	1.615	0.5	95	0.00
50		Dimethylphthalate	1.325	1.162	12.3	83	0.00
51		2,6-Dinitrotoluene	0.268	0.246	8.2	86	0.00
52	C	Acenaphthene	1.085	0.914	15.8	81	0.00
53		3-Nitroaniline	0.293	0.259	11.6	80	0.00
54	P	2,4-Dinitrophenol	0.162	0.116	28.4#	80	0.00
55		Dibenzofuran	1.520	1.353	11.0	84	0.00
56	P	4-Nitrophenol	0.212	0.164	22.6	78	0.00
57		2,4-Dinitrotoluene	0.359	0.323	10.0	81	0.00
58		Fluorene	1.156	1.037	10.3	85	0.00
59		2,3,4,6-Tetrachlorophenol	0.340	0.318	6.5	86	0.00
60		Diethylphthalate	1.221	1.058	13.3	82	0.00
61		4-Chlorophenyl-phenylether	0.658	0.576	12.5	81	0.00
62		4-Nitroaniline	0.279	0.246	11.8	83	0.00
63		Azobenzene	1.137	1.022	10.1	85	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	95	0.00
65		4,6-Dinitro-2-methylphenol	0.136	0.106	22.1	78	0.00
66	c	n-Nitrosodiphenylamine	0.643	0.584	9.2	86	0.00
67		4-Bromophenyl-phenylether	0.255	0.218	14.5	79	0.00
68		Hexachlorobenzene	0.301	0.262	13.0	83	0.00
69		Atrazine	0.205	0.188	8.3	87	0.00
70	C	Pentachlorophenol	0.150	0.122	18.7	75	0.00
71		Phenanthrene	0.996	0.873	12.3	82	0.00
72		Anthracene	1.013	0.893	11.8	83	0.00
73		Carbazole	0.861	0.737	14.4	80	0.00
74		Di-n-butylphthalate	1.041	0.899	13.6	80	0.00
75	C	Fluoranthene	1.029	0.883	14.2	80	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	100	0.00
77		Benzidine	0.592	0.668	-12.8	107	0.00
78		Pyrene	1.613	1.331	17.5	78	0.00
79	S	Terphenyl-d14	1.259	1.060	15.8	81	0.00
80		Butylbenzylphthalate	0.559	0.484	13.4	82	0.00
81		Benzo(a)anthracene	1.386	1.161	16.2	81	0.00
82		3,3'-Dichlorobenzidine	0.475	0.471	0.8	98	0.00
83		Chrysene	1.280	1.106	13.6	79	0.00
84		Bis(2-ethylhexyl)phthalate	0.765	0.667	12.8	82	0.00
85	c	Di-n-octyl phthalate	1.320	1.160	12.1	82	0.00
86	I	Perylene-d12	1.000	1.000	0.0	103	0.00
87		Indeno(1,2,3-cd)pyrene	1.436	1.221	15.0	85	0.02
88		Benzo(b)fluoranthene	1.137	0.996	12.4	83	0.00
89		Benzo(k)fluoranthene	1.064	0.863	18.9	85	0.00
90	C	Benzo(a)pyrene	1.049	0.929	11.4	89	0.00
91		Dibenzo(a,h)anthracene	1.153	0.984	14.7	85	0.01
92		Benzo(g,h,i)perylene	1.139	0.992	12.9	86	0.01

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	99	0.00
2		1,4-Dioxane	40.000	34.992	12.5	83	-0.01
3		Pyridine	40.000	32.541	18.6	78	-0.04
4		n-Nitrosodimethylamine	40.000	36.224	9.4	89	-0.02
5	S	2-Fluorophenol	80.000	70.243	12.2	84	0.00
6		Aniline	40.000	37.159	7.1	92	0.00
7	S	Phenol-d6	80.000	69.484	13.1	85	0.00
8		2-Chlorophenol	40.000	35.096	12.3	85	0.00
9		Benzaldehyde	40.000	45.337	-13.3	112	0.00
10	C	Phenol	40.000	35.563	11.1	84	0.00
11		bis(2-Chloroethyl)ether	40.000	35.167	12.1	85	0.00
12		1,3-Dichlorobenzene	40.000	36.038	9.9	89	0.00
13	C	1,4-Dichlorobenzene	40.000	35.858	10.4	86	0.00
14		1,2-Dichlorobenzene	40.000	36.957	7.6	91	0.00
15		Benzyl Alcohol	40.000	35.593	11.0	87	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	35.340	11.6	86	0.00
17		2-Methylphenol	40.000	34.723	13.2	83	0.00
18		Hexachloroethane	40.000	36.050	9.9	86	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	34.051	14.9	84	0.00
20		3+4-Methylphenols	40.000	35.839	10.4	86	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	101	0.00
22		Acetophenone	40.000	36.061	9.8	90	0.00
23	S	Nitrobenzene-d5	80.000	68.601	14.2	83	0.00
24		Nitrobenzene	40.000	34.763	13.1	85	0.00
25		Isophorone	40.000	34.755	13.1	85	0.00
26	C	2-Nitrophenol	40.000	36.521	8.7	87	0.00
27		2,4-Dimethylphenol	40.000	39.334	1.7	93	0.00
28		bis(2-Chloroethoxy)methane	40.000	35.422	11.4	86	0.00
29	C	2,4-Dichlorophenol	40.000	34.086	14.8	83	0.00
30		1,2,4-Trichlorobenzene	40.000	35.677	10.8	88	0.00
31		Naphthalene	40.000	34.861	12.8	86	0.00
32		Benzoic acid	40.000	30.148	24.6	86	-0.04
33		4-Chloroaniline	40.000	38.685	3.3	93	0.00
34	C	Hexachlorobutadiene	40.000	34.552	13.6	83	0.00
35		Caprolactam	40.000	33.478	16.3	80	-0.03
36	C	4-Chloro-3-methylphenol	40.000	34.336	14.2	84	0.00
37		2-Methylnaphthalene	40.000	31.978	20.1	79	0.00
38		1-Methylnaphthalene	40.000	33.472	16.3	83	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	97	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	36.811	8.0	86	0.00
41	P	Hexachlorocyclopentadiene	40.000	46.350	-15.9	118	0.00
42	S	2,4,6-Tribromophenol	80.000	67.987	15.0	78	0.00
43	C	2,4,6-Trichlorophenol	40.000	35.357	11.6	84	0.00
44		2,4,5-Trichlorophenol	40.000	35.179	12.1	84	0.00
45	S	2-Fluorobiphenyl	80.000	69.741	12.8	85	0.00
46		1,1'-Biphenyl	40.000	36.526	8.7	87	0.00
47		2-Chloronaphthalene	40.000	35.092	12.3	84	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	35.641	10.9	82	0.00
49		Acenaphthylene	40.000	39.818	0.5	95	0.00
50		Dimethylphthalate	40.000	35.076	12.3	83	0.00
51		2,6-Dinitrotoluene	40.000	36.758	8.1	86	0.00
52	C	Acenaphthene	40.000	33.702	15.7	81	0.00
53		3-Nitroaniline	40.000	35.372	11.6	80	0.00
54	P	2,4-Dinitrophenol	40.000	28.732	28.2#	80	0.00
55		Dibenzofuran	40.000	35.602	11.0	84	0.00
56	P	4-Nitrophenol	40.000	30.929	22.7	78	0.00
57		2,4-Dinitrotoluene	40.000	35.994	10.0	81	0.00
58		Fluorene	40.000	35.903	10.2	85	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	37.425	6.4	86	0.00
60		Diethylphthalate	40.000	34.646	13.4	82	0.00
61		4-Chlorophenyl-phenylether	40.000	35.002	12.5	81	0.00
62		4-Nitroaniline	40.000	35.278	11.8	83	0.00
63		Azobenzene	40.000	35.958	10.1	85	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	95	0.00
65		4,6-Dinitro-2-methylphenol	40.000	31.346	21.6	78	0.00
66	c	n-Nitrosodiphenylamine	40.000	36.292	9.3	86	0.00
67		4-Bromophenyl-phenylether	40.000	34.135	14.7	79	0.00
68		Hexachlorobenzene	40.000	34.810	13.0	83	0.00
69		Atrazine	40.000	36.790	8.0	87	0.00
70	C	Pentachlorophenol	40.000	32.706	18.2	75	0.00
71		Phenanthrene	40.000	35.049	12.4	82	0.00
72		Anthracene	40.000	35.286	11.8	83	0.00
73		Carbazole	40.000	34.224	14.4	80	0.00
74		Di-n-butylphthalate	40.000	34.535	13.7	80	0.00
75	C	Fluoranthene	40.000	34.338	14.2	80	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	100	0.00
77		Benzidine	40.000	45.165	-12.9	107	0.00
78		Pyrene	40.000	33.011	17.5	78	0.00
79	S	Terphenyl-d14	80.000	67.318	15.9	81	0.00
80		Butylbenzylphthalate	40.000	34.633	13.4	82	0.00
81		Benzo(a)anthracene	40.000	33.489	16.3	81	0.00
82		3,3'-Dichlorobenzidine	40.000	39.612	1.0	98	0.00
83		Chrysene	40.000	34.559	13.6	79	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	34.880	12.8	82	0.00
85	c	Di-n-octyl phthalate	40.000	35.142	12.1	82	0.00
86	I	Perylene-d12	20.000	20.000	0.0	103	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	34.019	15.0	85	0.02
88		Benzo(b)fluoranthene	40.000	35.021	12.4	83	0.00
89		Benzo(k)fluoranthene	40.000	32.431	18.9	85	0.00
90	C	Benzo(a)pyrene	40.000	35.415	11.5	89	0.00
91		Dibenzo(a,h)anthracene	40.000	34.126	14.7	85	0.01
92		Benzo(g,h,i)perylene	40.000	34.857	12.9	86	0.01

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3741

Instrument ID: BNA_P Calibration Date(s): 11/18/2025 11/18/2025

Calibration Time(s): 14:31 21:22

LAB FILE ID: RRF2.5 = BP026143.D RRF005 = BP026144.D RRF010 = BP026145.D
RRF020 = BP026146.D RRF040 = BP026147.D RRF050 = BP026148.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.193	1.249	1.277	1.245	1.255	1.246	2.1
Benzaldehyde			0.963	0.899	0.922	0.719	0.831	14.0
Phenol-d6		1.465	1.564	1.623	1.617	1.632	1.586	3.6
Phenol		1.570	1.658	1.757	1.746	1.759	1.709	4.1
bis(2-Chloroethyl)ether		1.252	1.334	1.368	1.361	1.363	1.338	3.0
2-Chlorophenol		1.318	1.398	1.438	1.431	1.452	1.418	3.4
2-Methylphenol		1.067	1.126	1.191	1.195	1.202	1.163	4.3
2,2-oxybis(1-Chloropropane)		1.769	1.841	1.961	1.914	1.924	1.879	3.4
Acetophenone		0.497	0.521	0.530	0.507	0.504	0.508	2.6
3+4-Methylphenols			1.530	1.656	1.624	1.648	1.612	2.8
n-Nitroso-di-n-propylamine	0.937	0.899	0.960	1.063	1.024	1.039	0.985	5.5
Nitrobenzene-d5		0.335	0.357	0.362	0.355	0.351	0.352	2.4
Hexachloroethane		0.527	0.559	0.569	0.565	0.565	0.560	3.0
Nitrobenzene		0.339	0.356	0.368	0.359	0.357	0.356	2.5
Isophorone		0.655	0.693	0.736	0.710	0.710	0.698	3.6
2-Nitrophenol		0.152	0.164	0.182	0.189	0.189	0.180	8.9
2,4-Dimethylphenol		0.305	0.327	0.337	0.328	0.328	0.325	3.1
bis(2-Chloroethoxy)methane		0.425	0.439	0.454	0.439	0.442	0.437	2.3
2,4-Dichlorophenol		0.298	0.322	0.335	0.331	0.330	0.325	3.8
Naphthalene		1.080	1.114	1.115	1.073	1.073	1.081	2.3
4-Chloroaniline		0.429	0.461	0.479	0.472	0.463	0.460	3.5
Hexachlorobutadiene		0.213	0.218	0.219	0.215	0.211	0.215	1.6
Caprolactam			0.113	0.123	0.117	0.118	0.116	3.4
4-Chloro-3-methylphenol		0.314	0.342	0.366	0.354	0.356	0.345	4.8
2-Methylnaphthalene		0.732	0.791	0.804	0.773	0.773	0.766	3.5
Hexachlorocyclopentadiene			0.347	0.382	0.396	0.396	0.396	7.8
2,4,6-Trichlorophenol		0.380	0.404	0.431	0.420	0.420	0.415	4.2
2-Fluorobiphenyl		1.430	1.442	1.453	1.337	1.317	1.365	5.7
2,4,5-Trichlorophenol		0.428	0.454	0.482	0.467	0.469	0.463	3.7
1,1-Biphenyl		1.499	1.540	1.580	1.489	1.469	1.506	2.8
2-Chloronaphthalene		1.167	1.215	1.217	1.169	1.164	1.184	2.0
2-Nitroaniline		0.289	0.310	0.345	0.338	0.336	0.329	6.6
Dimethylphthalate		1.470	1.517	1.573	1.494	1.470	1.494	2.7
Acenaphthylene		1.890	1.987	2.051	1.947	1.943	1.953	2.7

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3741

Instrument ID: BNA_P Calibration Date(s): 11/18/2025 11/18/2025

Calibration Time(s): 14:31 21:22

LAB FILE ID: RRF2.5 = BP026143.D RRF005 = BP026144.D RRF010 = BP026145.D
RRF020 = BP026146.D RRF040 = BP026147.D RRF050 = BP026148.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.235	0.267	0.310	0.315	0.312	0.296	10.9
3-Nitroaniline		0.286	0.330	0.368	0.362	0.364	0.349	8.7
Acenaphthene		1.139	1.182	1.180	1.138	1.141	1.145	2.9
2,4-Dinitrophenol			0.124	0.174	0.186	0.187	0.179	16.3
4-Nitrophenol			0.290	0.331	0.316	0.314	0.315	4.5
Dibenzofuran		1.779	1.832	1.880	1.765	1.763	1.773	4.0
2,4-Dinitrotoluene		0.362	0.407	0.469	0.467	0.464	0.442	9.4
Diethylphthalate		1.493	1.507	1.592	1.522	1.493	1.505	2.9
4-Chlorophenyl-phenylether		0.718	0.717	0.741	0.693	0.691	0.697	4.5
Fluorene		1.447	1.490	1.500	1.380	1.374	1.401	5.9
4-Nitroaniline		0.313	0.359	0.394	0.365	0.368	0.362	6.9
4,6-Dinitro-2-methylphenol			0.099	0.123	0.134	0.132	0.127	11.8
n-Nitrosodiphenylamine		0.598	0.640	0.641	0.624	0.610	0.619	2.7
2,4,6-Tribromophenol		0.241	0.253	0.273	0.264	0.262	0.259	3.9
4-Bromophenyl-phenylether		0.208	0.219	0.223	0.229	0.221	0.221	3.3
Hexachlorobenzene		0.243	0.260	0.260	0.265	0.255	0.257	2.9
Atrazine		0.217	0.232	0.247	0.238	0.233	0.233	3.9
Pentachlorophenol			0.170	0.179	0.183	0.179	0.180	3.3
Phenanthrene		1.128	1.179	1.179	1.122	1.102	1.127	3.4
Anthracene		1.122	1.194	1.198	1.171	1.122	1.149	3.3
Carbazole		1.083	1.178	1.151	1.105	1.045	1.091	5.1
Di-n-butylphthalate		1.219	1.290	1.372	1.358	1.304	1.294	4.6
Fluoranthene		1.383	1.464	1.452	1.369	1.308	1.369	5.1
Pyrene		1.266	1.318	1.375	1.331	1.309	1.311	2.7
Terphenyl-d14		1.024	1.037	1.061	0.990	0.971	0.981	7.1
Butylbenzylphthalate		0.546	0.552	0.612	0.603	0.588	0.578	4.6
3,3-Dichlorobenzidine			0.513	0.526	0.500	0.492	0.500	3.6
Benzo(a)anthracene		1.373	1.401	1.437	1.376	1.349	1.374	2.6
Chrysene		1.298	1.336	1.341	1.284	1.266	1.295	2.5
Bis(2-ethylhexyl)phthalate		0.842	0.825	0.918	0.933	0.876	0.874	5.5
Di-n-octyl phthalate			1.414	1.572	1.581	1.553	1.529	4.6
Benzo(b)fluoranthene		1.190	1.226	1.271	1.237	1.222	1.218	2.6
Benzo(k)fluoranthene		1.206	1.228	1.275	1.213	1.213	1.217	2.4
Benzo(a)pyrene		1.121	1.153	1.198	1.168	1.147	1.154	2.1
Indeno(1,2,3-cd)pyrene		1.442	1.484	1.538	1.511	1.483	1.500	2.2

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3741

Instrument ID: BNA_P Calibration Date(s): 11/18/2025 11/18/2025

Calibration Time(s): 14:31 21:22

LAB FILE ID: RRF2.5 = BP026143.D RRF005 = BP026144.D RRF010 = BP026145.D
RRF020 = BP026146.D RRF040 = BP026147.D RRF050 = BP026148.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.177	1.220	1.274	1.237	1.209	1.228	2.5
Benzo(g,h,i)perylene		1.175	1.230	1.253	1.223	1.185	1.220	2.4
1,2,4,5-Tetrachlorobenzene		0.607	0.610	0.613	0.597	0.594	0.605	1.2
2,3,4,6-Tetrachlorophenol		0.361	0.391	0.409	0.400	0.397	0.393	3.8

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 19 01:25:31 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP026143.D 5 =BP026144.D 10 =BP026145.D 20 =BP026146.D 40 =BP026147.D 50 =BP026148.D 60 =BP026149.D 80 =BP0261
50.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.507	0.520	0.524	0.487	0.502	0.505	0.494	0.505	2.61
3)		Pyridine		1.401	1.459	1.510	1.445	1.485	1.466	1.458	1.461	2.32
4)		n-Nitrosodimet...			0.535	0.560	0.540	0.552	0.549	0.540	0.546	1.75
5)	S	2-Fluorophenol		1.193	1.249	1.277	1.245	1.255	1.258	1.245	1.246	2.08
6)		Aniline		1.953	2.050	2.154	2.122	2.138	2.127	2.117	2.094	3.36
7)	S	Phenol-d6		1.465	1.564	1.623	1.617	1.632	1.606	1.596	1.586	3.64
8)		2-Chlorophenol		1.318	1.398	1.438	1.431	1.452	1.439	1.453	1.418	3.37
9)		Benzaldehyde			0.963	0.899	0.922	0.719	0.812	0.673	0.831	14.04
10)	C	Phenol		1.570	1.658	1.757	1.746	1.759	1.742	1.729	1.709	4.12
11)		bis(2-Chloroet...		1.252	1.334	1.368	1.361	1.363	1.338	1.350	1.338	3.00
12)		1,3-Dichlorobe...		1.511	1.526	1.570	1.525	1.528	1.518	1.518	1.528	1.28
13)	C	1,4-Dichlorobe...		1.495	1.547	1.589	1.540	1.546	1.532	1.530	1.540	1.81
14)		1,2-Dichlorobe...		1.453	1.482	1.521	1.479	1.480	1.470	1.464	1.479	1.46
15)		Benzyl Alcohol			1.074	1.181	1.187	1.194	1.164	1.173	1.162	3.82
16)		2,2'-oxybis(1-...		1.769	1.841	1.961	1.914	1.924	1.852	1.892	1.879	3.40
17)		2-Methylphenol		1.067	1.126	1.191	1.195	1.202	1.180	1.182	1.163	4.25
18)		Hexachloroethane		0.527	0.559	0.569	0.565	0.565	0.557	0.581	0.560	2.99
19)	P	n-Nitroso-di-n...	0.937	0.899	0.960	1.063	1.024	1.039	0.975	0.986	0.985	5.53
20)		3+4-Methylphenols			1.530	1.656	1.624	1.648	1.601	1.613	1.612	2.82
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.497	0.521	0.530	0.507	0.504	0.507	0.493	0.508	2.58
23)	S	Nitrobenzene-d5		0.335	0.357	0.362	0.355	0.351	0.355	0.349	0.352	2.39
24)		Nitrobenzene		0.339	0.356	0.368	0.359	0.357	0.360	0.354	0.356	2.50
25)		Isophorone		0.655	0.693	0.736	0.710	0.710	0.686	0.697	0.698	3.57
26)	C	2-Nitrophenol		0.152	0.164	0.182	0.189	0.189	0.192	0.193	0.180	8.87
27)		2,4-Dimethylph...		0.305	0.327	0.337	0.328	0.328	0.327	0.323	0.325	3.06
28)		bis(2-Chloroet...		0.425	0.439	0.454	0.439	0.442	0.426	0.436	0.437	2.28
29)	C	2,4-Dichloroph...		0.298	0.322	0.335	0.331	0.330	0.330	0.328	0.325	3.81
30)		1,2,4-Trichlor...		0.331	0.337	0.337	0.330	0.325	0.328	0.328	0.331	1.36
31)		Naphthalene		1.080	1.114	1.115	1.073	1.073	1.059	1.052	1.081	2.30
32)		Benzoic acid			0.209	0.268	0.276	0.276	0.329	0.285	0.274	14.03
33)		4-Chloroaniline		0.429	0.461	0.479	0.472	0.463	0.458	0.457	0.460	3.45
34)	C	Hexachlorobuta...		0.213	0.218	0.219	0.215	0.211	0.212	0.219	0.215	1.65
35)		Caprolactam			0.113	0.123	0.117	0.118	0.114	0.113	0.116	3.36
36)	C	4-Chloro-3-met...		0.314	0.342	0.366	0.354	0.356	0.344	0.342	0.345	4.75
37)		2-Methylnaphth...		0.732	0.791	0.804	0.773	0.773	0.746	0.744	0.766	3.47
38)		1-Methylnaphth...		0.735	0.767	0.785	0.763	0.746	0.729	0.719	0.749	3.17

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

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.607	0.610	0.613	0.597	0.594	0.610	0.603	0.605	1.19
41)	P	Hexachlorocycl...		0.347	0.382	0.396	0.396	0.418	0.436	0.396	7.76
42)	S	2,4,6-Tribromo...	0.241	0.253	0.273	0.264	0.262	0.260	0.262	0.259	3.87
43)	C	2,4,6-Trichlor...	0.380	0.404	0.431	0.420	0.420	0.426	0.420	0.415	4.21
44)		2,4,5-Trichlor...	0.428	0.454	0.482	0.467	0.469	0.473	0.468	0.463	3.72
45)	S	2-Fluorobiphenyl	1.430	1.442	1.453	1.337	1.317	1.325	1.249	1.365	5.68
46)		1,1'-Biphenyl	1.499	1.540	1.580	1.489	1.469	1.504	1.460	1.506	2.78
47)		2-Chloronaphth...	1.167	1.215	1.217	1.169	1.164	1.195	1.162	1.184	2.04
48)		2-Nitroaniline	0.289	0.310	0.345	0.338	0.336	0.349	0.339	0.329	6.58
49)		Acenaphthylene	1.890	1.987	2.051	1.947	1.943	1.951	1.906	1.953	2.74
50)		Dimethylphthalate	1.470	1.517	1.573	1.494	1.470	1.470	1.462	1.494	2.66
51)		2,6-Dinitrotol...	0.235	0.267	0.310	0.315	0.312	0.313	0.319	0.296	10.85
52)	C	Acenaphthene	1.139	1.182	1.180	1.138	1.141	1.153	1.081	1.145	2.95
53)		3-Nitroaniline	0.286	0.330	0.368	0.362	0.364	0.368	0.362	0.349	8.74
54)	P	2,4-Dinitrophenol		0.124	0.174	0.186	0.187	0.194	0.208	0.179	16.32
55)		Dibenzofuran	1.779	1.832	1.880	1.765	1.763	1.738	1.654	1.773	4.02
56)	P	4-Nitrophenol		0.290	0.331	0.316	0.314	0.324	0.317	0.315	4.47
57)		2,4-Dinitrotol...	0.362	0.407	0.469	0.467	0.464	0.465	0.459	0.442	9.40
58)		Fluorene	1.447	1.490	1.500	1.380	1.374	1.351	1.267	1.401	5.94
59)		2,3,4,6-Tetrac...	0.361	0.391	0.409	0.400	0.397	0.396	0.394	0.393	3.80
60)		Diethylphthalate	1.493	1.507	1.592	1.522	1.493	1.462	1.465	1.505	2.92
61)		4-Chlorophenyl...	0.718	0.717	0.741	0.693	0.691	0.673	0.648	0.697	4.47
62)		4-Nitroaniline	0.313	0.359	0.394	0.365	0.368	0.376	0.358	0.362	6.90
63)		Azobenzene	1.200	1.276	1.346	1.290	1.279	1.252	1.240	1.269	3.58
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.099	0.123	0.134	0.132	0.134	0.141	0.127	11.84
66)	c	n-Nitrosodiphe...	0.598	0.640	0.641	0.624	0.610	0.609	0.610	0.619	2.70
67)		4-Bromophenyl-...	0.208	0.219	0.223	0.229	0.221	0.221	0.229	0.221	3.29
68)		Hexachlorobenzene	0.243	0.260	0.260	0.265	0.255	0.254	0.263	0.257	2.91
69)		Atrazine	0.217	0.232	0.247	0.238	0.233	0.229	0.237	0.233	3.94
70)	C	Pentachlorophenol		0.170	0.179	0.183	0.179	0.180	0.187	0.180	3.30
71)		Phenanthrene	1.128	1.179	1.179	1.122	1.102	1.089	1.087	1.127	3.43
72)		Anthracene	1.122	1.194	1.198	1.171	1.122	1.134	1.102	1.149	3.33
73)		Carbazole	1.083	1.178	1.151	1.105	1.045	1.050	1.030	1.091	5.15
74)		Di-n-butylphth...	1.219	1.290	1.372	1.358	1.304	1.223	1.290	1.294	4.57
75)	C	Fluoranthene	1.383	1.464	1.452	1.369	1.308	1.319	1.287	1.369	5.09
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.727	0.733	0.616	0.631	0.594	0.508	0.635	13.43
78)		Pyrene	1.266	1.318	1.375	1.331	1.309	1.302	1.277	1.311	2.75
79)	S	Terphenyl-d14	1.024	1.037	1.061	0.990	0.971	0.918	0.866	0.981	7.08
80)		Butylbenzylpht...	0.546	0.552	0.612	0.603	0.588	0.555	0.587	0.578	4.60
81)		Benzo(a)anthra...	1.373	1.401	1.437	1.376	1.349	1.350	1.328	1.374	2.65
82)		3,3'-Dichlorob...		0.513	0.526	0.500	0.492	0.491	0.475	0.500	3.61
83)		Chrysene	1.298	1.336	1.341	1.284	1.266	1.279	1.257	1.295	2.54
84)		Bis(2-ethylhex...	0.842	0.825	0.918	0.933	0.876	0.814	0.911	0.874	5.48
85)	c	Di-n-octyl pht...		1.414	1.572	1.581	1.553	1.467	1.584	1.529	4.64

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

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

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026143.D
Acq On : 18 Nov 2025 14:31
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 19 00:37:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	296435	20.000	ng	-0.02
21) Naphthalene-d8	10.431	136	1184362	20.000	ng	-0.02
39) Acenaphthene-d10	14.313	164	759057	20.000	ng	-0.01
64) Phenanthrene-d10	17.125	188	1539519	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1732194	20.000	ng	0.01
86) Perylene-d12	24.918	264	1973418	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.449	70	34712	2.457	ng	96

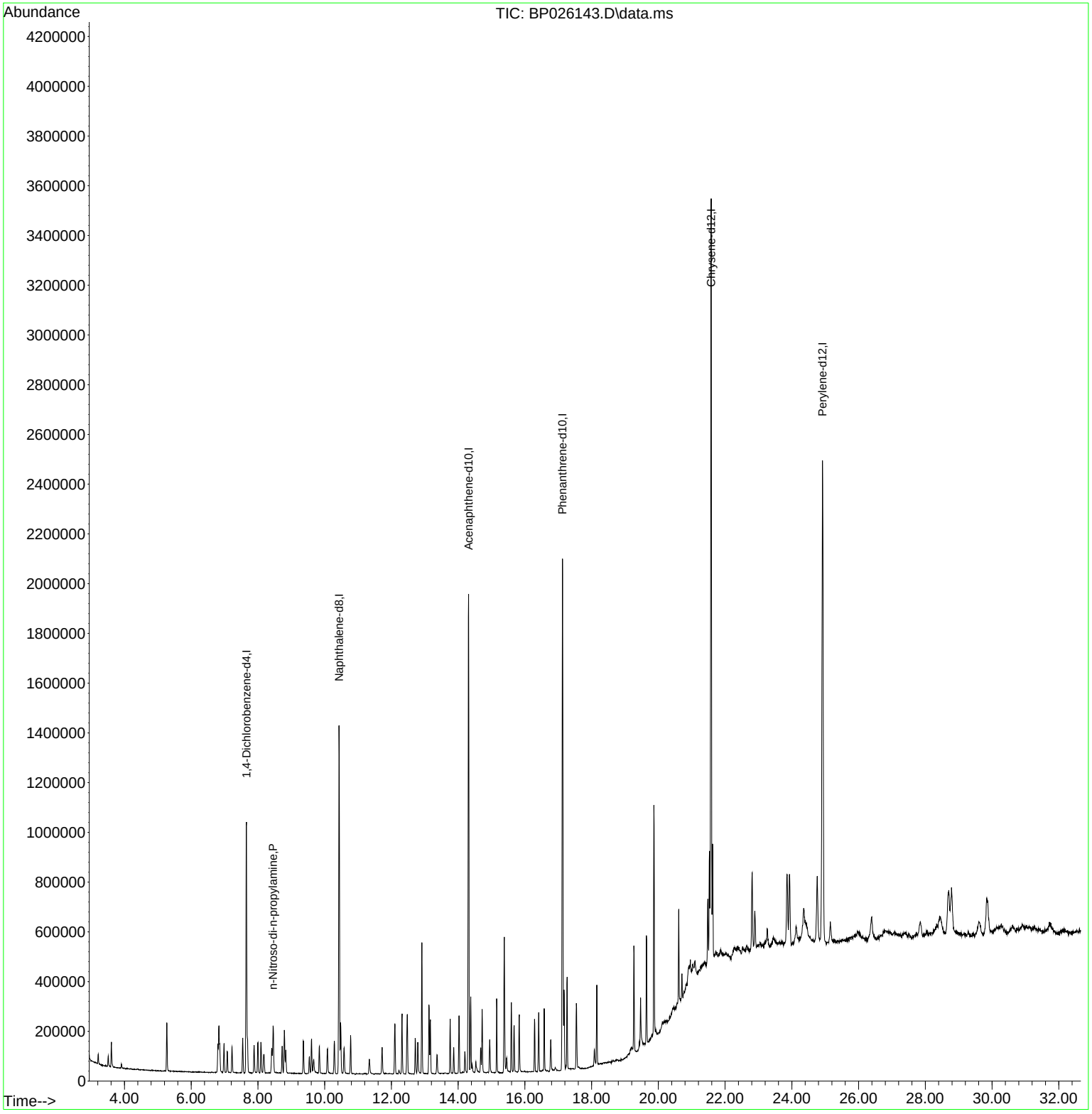
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026143.D
Acq On : 18 Nov 2025 14:31
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 19 00:37:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026144.D
Acq On : 18 Nov 2025 15:12
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Nov 19 00:38:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	261259	20.000	ng		0.00
21) Naphthalene-d8	10.437	136	1023584	20.000	ng		-0.01
39) Acenaphthene-d10	14.313	164	643620	20.000	ng		-0.01
64) Phenanthrene-d10	17.131	188	1346698	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1560462	20.000	ng		0.01
86) Perylene-d12	24.918	264	1801943	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	155849	9.842	ng		0.00
7) Phenol-d6	6.849	99	191404	9.528	ng		0.00
23) Nitrobenzene-d5	8.807	82	171702	10.379	ng		0.00
42) 2,4,6-Tribromophenol	15.831	330	77590	11.005	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	460038	10.313	ng		-0.01
79) Terphenyl-d14	19.872	244	798858	10.439	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.220	88	33093	4.981	ng		96
3) Pyridine	3.620	79	91499	4.844	ng		97
6) Aniline	7.002	93	127562	4.764	ng		98
8) 2-Chlorophenol	7.243	128	86099	4.908	ng		99
10) Phenol	6.872	94	102514	4.615	ng		96
11) bis(2-Chloroethyl)ether	7.096	93	81759	4.649	ng		99
12) 1,3-Dichlorobenzene	7.561	146	98674	4.925	ng		99
13) 1,4-Dichlorobenzene	7.708	146	97655	4.815	ng		99
14) 1,2-Dichlorobenzene	8.019	146	94897	4.899	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.190	45	115566	4.387	ng		95
17) 2-Methylphenol	8.108	107	69679	4.771	ng		97
18) Hexachloroethane	8.743	117	34390	4.908	ng		97
19) n-Nitroso-di-n-propyla...	8.466	70	58743	4.718	ng		99
22) Acetophenone	8.478	105	127156	4.927	ng	#	99
24) Nitrobenzene	8.849	77	86731	5.006	ng		99
25) Isophorone	9.378	82	167606	4.787	ng		99
26) 2-Nitrophenol	9.555	139	38871	6.573	ng		98
27) 2,4-Dimethylphenol	9.625	122	78015	5.220	ng		98
28) bis(2-Chloroethoxy)met...	9.849	93	108845	4.925	ng		99
29) 2,4-Dichlorophenol	10.090	162	76304	4.893	ng		97
30) 1,2,4-Trichlorobenzene	10.302	180	84591	5.002	ng		94
31) Naphthalene	10.484	128	276491	4.976	ng		99
33) 4-Chloroaniline	10.590	127	109680	5.080	ng		100
34) Hexachlorobutadiene	10.784	225	54446	5.030	ng		99
36) 4-Chloro-3-methylphenol	11.731	107	80314	4.924	ng		96
37) 2-Methylnaphthalene	12.107	142	187351	4.822	ng		98
38) 1-Methylnaphthalene	12.337	142	187981	4.977	ng		99
40) 1,2,4,5-Tetrachloroben...	12.478	216	97644	4.903	ng		99
43) 2,4,6-Trichlorophenol	12.725	196	61137	5.131	ng		98
44) 2,4,5-Trichlorophenol	12.796	196	68937	5.093	ng		97
46) 1,1'-Biphenyl	13.131	154	241240	4.917	ng		97
47) 2-Chloronaphthalene	13.166	162	187850	4.870	ng		99
48) 2-Nitroaniline	13.378	65	46485	5.239	ng		90
49) Acenaphthylene	14.031	152	304102	5.334	ng		99
50) Dimethylphthalate	13.766	163	236591	5.077	ng		100
51) 2,6-Dinitrotoluene	13.872	165	37885	4.835	ng		91

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026144.D
Acq On : 18 Nov 2025 15:12
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Nov 19 00:38:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.378	154	183221	4.803	ng		98
53) 3-Nitroaniline	14.201	138	46080	4.861	ng	#	97
55) Dibenzofuran	14.725	168	286273	4.928	ng		99
57) 2,4-Dinitrotoluene	14.678	165	58186	5.089	ng		97
58) Fluorene	15.384	166	232855	5.102	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	58158	5.425	ng		99
60) Diethylphthalate	15.160	149	240172	5.123	ng		100
61) 4-Chlorophenyl-phenyle...	15.384	204	115474	5.076	ng		97
62) 4-Nitroaniline	15.395	138	50292	5.003	ng		97
63) Azobenzene	15.678	77	193050	4.580	ng		99
66) n-Nitrosodiphenylamine	15.595	169	201167	4.795	ng		99
67) 4-Bromophenyl-phenylether	16.301	248	69962	4.680	ng		98
68) Hexachlorobenzene	16.413	284	81728	4.805	ng		97
69) Atrazine	16.589	200	73147	5.086	ng		99
71) Phenanthrene	17.178	178	379854	4.882	ng		100
72) Anthracene	17.266	178	377623	4.865	ng		99
73) Carbazole	17.554	167	364556	4.990	ng		100
74) Di-n-butylphthalate	18.148	149	410422	4.968	ng		100
75) Fluoranthene	19.266	202	465623	5.107	ng		100
78) Pyrene	19.642	202	493981	4.740	ng		100
80) Butylbenzylphthalate	20.613	149	212828	6.092	ng		100
81) Benzo(a)anthracene	21.560	228	535793	5.028	ng		99
83) Chrysene	21.630	228	506265	5.012	ng		99
84) Bis(2-ethylhexyl)phtha...	21.524	149	328471	5.749	ng		99
87) Indeno(1,2,3-cd)pyrene	28.677	276	649473	4.913	ng		99
88) Benzo(b)fluoranthene	23.854	252	535938	4.848	ng		100
89) Benzo(k)fluoranthene	23.930	252	543312	4.807	ng		99
90) Benzo(a)pyrene	24.754	252	504836	4.939	ng		99
91) Dibenzo(a,h)anthracene	28.777	278	530340	4.920	ng		99
92) Benzo(g,h,i)perylene	29.853	276	529220	5.083	ng		99

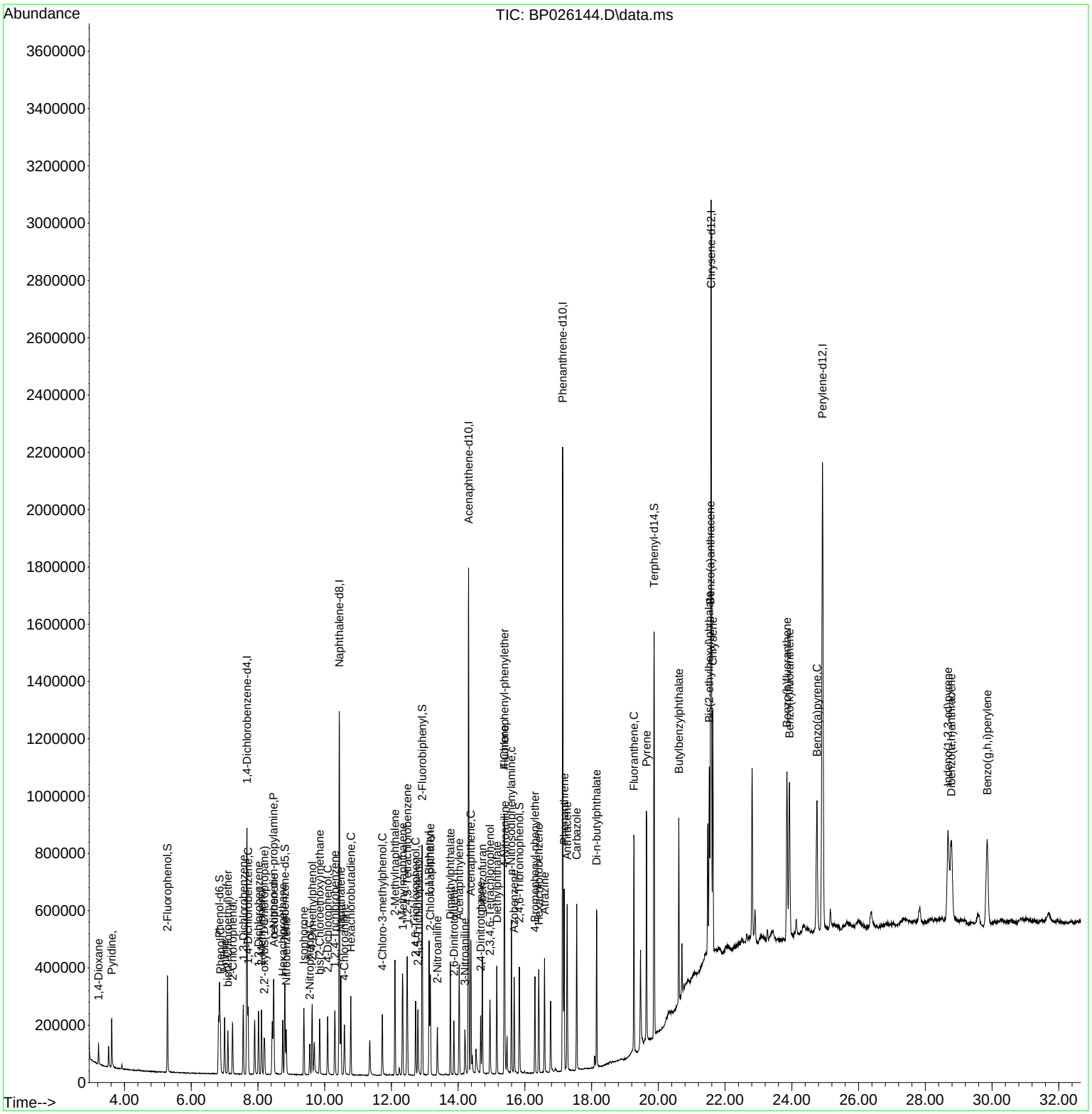
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026144.D
Acq On : 18 Nov 2025 15:12
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Nov 19 00:38:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026145.D
Acq On : 18 Nov 2025 15:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Nov 19 00:39:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	248452	20.000	ng		0.00
21) Naphthalene-d8	10.437	136	980614	20.000	ng		-0.01
39) Acenaphthene-d10	14.313	164	630488	20.000	ng		-0.01
64) Phenanthrene-d10	17.125	188	1297120	20.000	ng		0.00
76) Chrysene-d12	21.572	240	1508224	20.000	ng		0.00
86) Perylene-d12	24.918	264	1757840	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	310270	20.603	ng		0.00
7) Phenol-d6	6.849	99	388699	20.348	ng		0.00
23) Nitrobenzene-d5	8.808	82	349731	22.067	ng		0.00
42) 2,4,6-Tribromophenol	15.831	330	159702	23.122	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	909238	20.807	ng		-0.01
79) Terphenyl-d14	19.866	244	1563806	21.144	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	64612	10.226	ng		99
3) Pyridine	3.620	79	181259	10.090	ng		99
4) n-Nitrosodimethylamine	3.525	42	66399	9.326	ng	#	94
6) Aniline	7.002	93	254679	10.001	ng		99
8) 2-Chlorophenol	7.237	128	173633	10.408	ng		98
9) Benzaldehyde	6.819	77	119591	12.428	ng		99
10) Phenol	6.872	94	206001	9.752	ng		98
11) bis(2-Chloroethyl)ether	7.102	93	165713	9.908	ng		97
12) 1,3-Dichlorobenzene	7.561	146	189523	9.947	ng		99
13) 1,4-Dichlorobenzene	7.708	146	192215	9.966	ng		98
14) 1,2-Dichlorobenzene	8.019	146	184124	9.995	ng		100
15) Benzyl Alcohol	7.902	79	133455	9.660	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.190	45	228694	9.130	ng		98
17) 2-Methylphenol	8.108	107	139821	10.067	ng		99
18) Hexachloroethane	8.743	117	69441	10.421	ng		96
19) n-Nitroso-di-n-propyla...	8.460	70	119306	10.077	ng		98
20) 3+4-Methylphenols	8.431	107	190027	9.845	ng		99
22) Acetophenone	8.478	105	255635	10.340	ng	#	99
24) Nitrobenzene	8.849	77	174709	10.525	ng		99
25) Isophorone	9.378	82	339778	10.129	ng		99
26) 2-Nitrophenol	9.555	139	80502	14.210	ng		96
27) 2,4-Dimethylphenol	9.619	122	160115	11.184	ng		99
28) bis(2-Chloroethoxy)met...	9.855	93	215062	10.157	ng		99
29) 2,4-Dichlorophenol	10.090	162	157750	10.558	ng		100
30) 1,2,4-Trichlorobenzene	10.302	180	165087	10.189	ng		100
31) Naphthalene	10.484	128	546001	10.256	ng		99
32) Benzoic acid	9.702	122	102438	11.868	ng		99
33) 4-Chloroaniline	10.590	127	225844	10.919	ng		98
34) Hexachlorobutadiene	10.784	225	106776	10.297	ng		98
35) Caprolactam	11.354	113	55204	10.571	ng		93
36) 4-Chloro-3-methylphenol	11.725	107	167761	10.736	ng		98
37) 2-Methylnaphthalene	12.101	142	387952	10.423	ng		99
38) 1-Methylnaphthalene	12.325	142	376177	10.395	ng		98
40) 1,2,4,5-Tetrachloroben...	12.472	216	192367	9.860	ng		100
41) Hexachlorocyclopentadiene	12.460	237	109280	13.468	ng		100
43) 2,4,6-Trichlorophenol	12.713	196	127331	10.910	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026145.D
Acq On : 18 Nov 2025 15:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Nov 19 00:39:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	143128	10.794	ng		98
46) 1,1'-Biphenyl	13.125	154	485448	10.101	ng		99
47) 2-Chloronaphthalene	13.166	162	382981	10.136	ng		99
48) 2-Nitroaniline	13.366	65	97829	11.256	ng		93
49) Acenaphthylene	14.025	152	626312	11.215	ng		99
50) Dimethylphthalate	13.760	163	478267	10.476	ng		99
51) 2,6-Dinitrotoluene	13.872	165	84028	10.948	ng		90
52) Acenaphthene	14.378	154	372613	9.972	ng		99
53) 3-Nitroaniline	14.207	138	103894	11.189	ng	#	94
54) 2,4-Dinitrophenol	14.413	184	38962	11.062	ng	#	89
55) Dibenzofuran	14.719	168	577473	10.148	ng		98
56) 4-Nitrophenol	14.531	139	91274	9.876	ng		92
57) 2,4-Dinitrotoluene	14.678	165	128442	11.467	ng		100
58) Fluorene	15.384	166	469782	10.507	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.954	232	123375	11.749	ng		99
60) Diethylphthalate	15.154	149	475038	10.343	ng		99
61) 4-Chlorophenyl-phenyle...	15.384	204	226085	10.144	ng		97
62) 4-Nitroaniline	15.390	138	113144	11.490	ng		98
63) Azobenzene	15.684	77	402256	9.741	ng		100
65) 4,6-Dinitro-2-methylph...	15.454	198	64177	11.592	ng		93
66) n-Nitrosodiphenylamine	15.595	169	415043	10.270	ng		99
67) 4-Bromophenyl-phenylether	16.301	248	142168	9.873	ng		98
68) Hexachlorobenzene	16.413	284	168597	10.292	ng		100
69) Atrazine	16.584	200	150203	10.842	ng		98
70) Pentachlorophenol	16.766	266	109980	10.777	ng		100
71) Phenanthrene	17.166	178	764343	10.200	ng		99
72) Anthracene	17.260	178	774553	10.360	ng		100
73) Carbazole	17.536	167	763690	10.854	ng		99
74) Di-n-butylphthalate	18.154	149	836819	10.517	ng		99
75) Fluoranthene	19.260	202	949438	10.812	ng		100
77) Benzidine	19.460	184	547975	13.836	ng		99
78) Pyrene	19.642	202	994219	9.871	ng		100
80) Butylbenzylphthalate	20.607	149	416294	12.328	ng		98
81) Benzo(a)anthracene	21.554	228	1056422	10.258	ng		99
82) 3,3'-Dichlorobenzidine	21.483	252	386780	11.403	ng		99
83) Chrysene	21.619	228	1007569	10.321	ng		100
84) Bis(2-ethylhexyl)phtha...	21.519	149	622482	11.273	ng		100
85) Di-n-octyl phthalate	22.807	149	1066561	11.335	ng		99
87) Indeno(1,2,3-cd)pyrene	28.706	276	1303884	10.110	ng		99
88) Benzo(b)fluoranthene	23.871	252	1077584	9.993	ng		100
89) Benzo(k)fluoranthene	23.936	252	1079191	9.789	ng		98
90) Benzo(a)pyrene	24.754	252	1013571	10.165	ng		99
91) Dibenzo(a,h)anthracene	28.777	278	1072192	10.197	ng		99
92) Benzo(g,h,i)perylene	29.865	276	1080830	10.641	ng		99

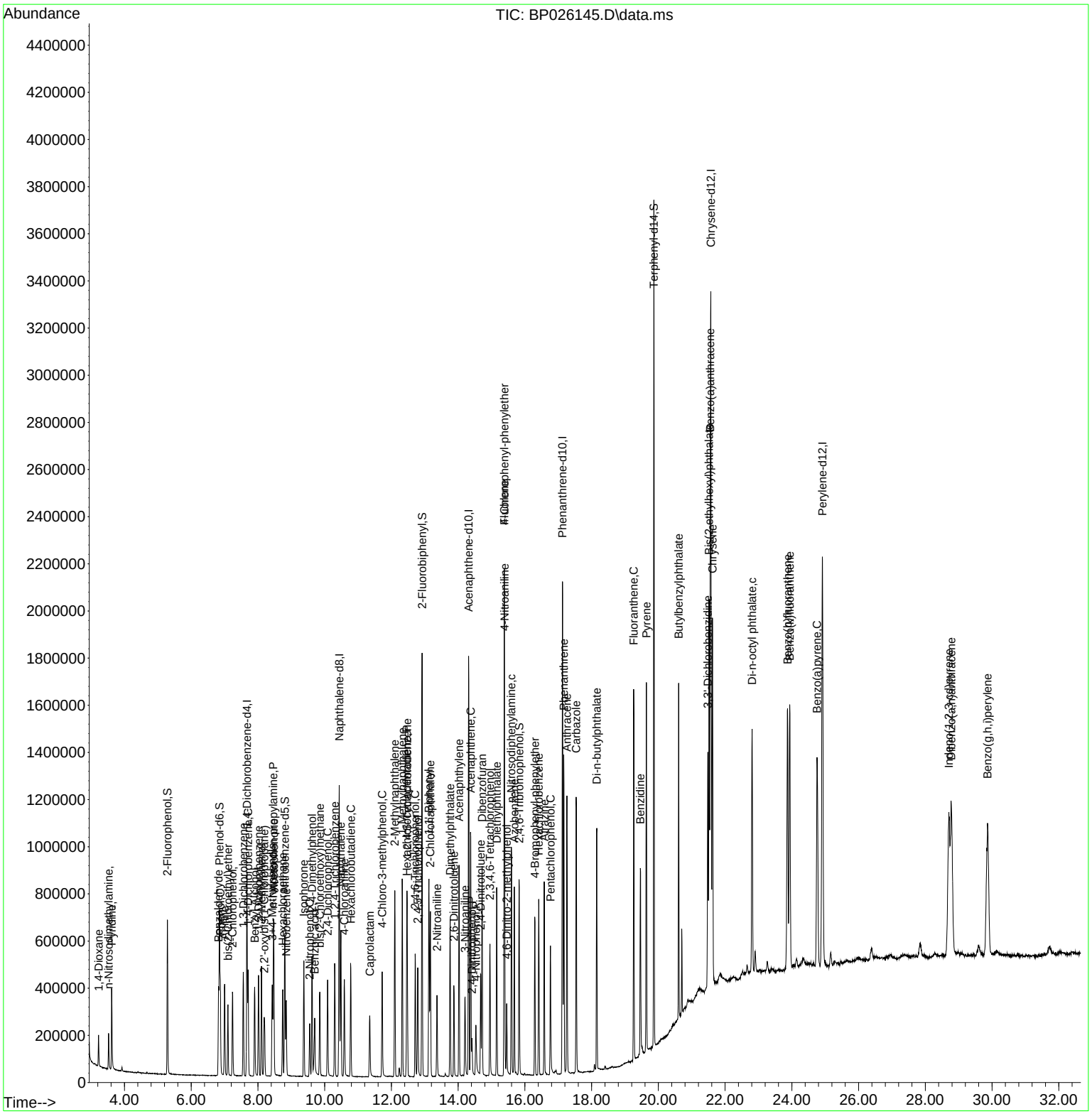
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026145.D
Acq On : 18 Nov 2025 15:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Nov 19 00:39:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026146.D
Acq On : 18 Nov 2025 16:35
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 00:40:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	298291	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1240005	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	810030	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1709036	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1880769	20.000	ng	0.02
86) Perylene-d12	24.924	264	2127701	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	762064	42.149	ng	0.00
7) Phenol-d6	6.849	99	967986	42.206	ng	0.00
23) Nitrobenzene-d5	8.813	82	898109	44.814	ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	442990	49.922	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	2354273	41.935	ng	0.00
79) Terphenyl-d14	19.878	244	3990615	43.268	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	156200	20.591	ng	99
3) Pyridine	3.620	79	450325	20.880	ng	99
4) n-Nitrosodimethylamine	3.525	42	167064	19.544	ng	95
6) Aniline	7.002	93	642407	21.012	ng	99
8) 2-Chlorophenol	7.243	128	428984	21.417	ng	98
9) Benzaldehyde	6.819	77	268085	23.205	ng	97
10) Phenol	6.872	94	524201	20.669	ng	98
11) bis(2-Chloroethyl)ether	7.102	93	408052	20.320	ng	99
12) 1,3-Dichlorobenzene	7.561	146	468385	20.475	ng	100
13) 1,4-Dichlorobenzene	7.708	146	473917	20.465	ng	99
14) 1,2-Dichlorobenzene	8.019	146	453824	20.519	ng	100
15) Benzyl Alcohol	7.902	79	352314	21.241	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	585097	19.455	ng	99
17) 2-Methylphenol	8.108	107	355321	21.308	ng	99
18) Hexachloroethane	8.749	117	169683	21.211	ng	99
19) n-Nitroso-di-n-propyla...	8.472	70	317044	22.304	ng	99
20) 3+4-Methylphenols	8.437	107	494113	21.323	ng	99
22) Acetophenone	8.484	105	656986	21.014	ng	100
24) Nitrobenzene	8.849	77	456901	21.768	ng	99
25) Isophorone	9.384	82	912115	21.502	ng	99
26) 2-Nitrophenol	9.560	139	225396	31.463	ng	99
27) 2,4-Dimethylphenol	9.619	122	418475	23.115	ng	99
28) bis(2-Chloroethoxy)met...	9.860	93	563383	21.042	ng	100
29) 2,4-Dichlorophenol	10.096	162	415150	21.974	ng	99
30) 1,2,4-Trichlorobenzene	10.302	180	417562	20.380	ng	96
31) Naphthalene	10.496	128	1383127	20.547	ng	100
32) Benzoic acid	9.737	122	332008	30.418	ng	98
33) 4-Chloroaniline	10.590	127	594215	22.720	ng	99
34) Hexachlorobutadiene	10.796	225	271388	20.697	ng	99
35) Caprolactam	11.366	113	152491	23.091	ng	98
36) 4-Chloro-3-methylphenol	11.731	107	453497	22.951	ng	99
37) 2-Methylnaphthalene	12.113	142	997491	21.193	ng	99
38) 1-Methylnaphthalene	12.331	142	973734	21.279	ng	99
40) 1,2,4,5-Tetrachloroben...	12.490	216	496403	19.803	ng	100
41) Hexachlorocyclopentadiene	12.472	237	309362	29.677	ng	98
43) 2,4,6-Trichlorophenol	12.725	196	349396	23.301	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026146.D
Acq On : 18 Nov 2025 16:35
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 00:40:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	390063	22.897	ng	99
46) 1,1'-Biphenyl	13.137	154	1280167	20.733	ng	99
47) 2-Chloronaphthalene	13.178	162	985563	20.303	ng	99
48) 2-Nitroaniline	13.372	65	279508	25.032	ng	96
49) Acenaphthylene	14.031	152	1661599	23.158	ng	100
50) Dimethylphthalate	13.772	163	1274006	21.720	ng	99
51) 2,6-Dinitrotoluene	13.884	165	251271	25.482	ng	98
52) Acenaphthene	14.384	154	955446	19.901	ng	100
53) 3-Nitroaniline	14.213	138	297736	24.958	ng	99
54) 2,4-Dinitrophenol	14.431	184	141102	31.181	ng	96
55) Dibenzofuran	14.719	168	1523244	20.834	ng	99
56) 4-Nitrophenol	14.537	139	268085	22.578	ng	99
57) 2,4-Dinitrotoluene	14.678	165	380156	26.418	ng	97
58) Fluorene	15.384	166	1215204	21.155	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	331539	24.574	ng	99
60) Diethylphthalate	15.166	149	1289507	21.853	ng	100
61) 4-Chlorophenyl-phenyle...	15.384	204	600360	20.967	ng	97
62) 4-Nitroaniline	15.390	138	319109	25.224	ng	100
63) Azobenzene	15.684	77	1089967	20.545	ng	98
65) 4,6-Dinitro-2-methylph...	15.460	198	209402	28.706	ng	94
66) n-Nitrosodiphenylamine	15.601	169	1094982	20.565	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	381732	20.120	ng	99
68) Hexachlorobenzene	16.419	284	443742	20.559	ng	97
69) Atrazine	16.589	200	422452	23.144	ng	98
70) Pentachlorophenol	16.772	266	306483	22.793	ng	99
71) Phenanthrene	17.178	178	2014344	20.401	ng	100
72) Anthracene	17.272	178	2046874	20.778	ng	100
73) Carbazole	17.548	167	1966833	21.216	ng	100
74) Di-n-butylphthalate	18.160	149	2344972	22.368	ng	99
75) Fluoranthene	19.272	202	2482057	21.452	ng	99
77) Benzidine	19.472	184	1379032	27.923	ng	100
78) Pyrene	19.648	202	2586291	20.591	ng	100
80) Butylbenzylphthalate	20.613	149	1151348	27.342	ng	99
81) Benzo(a)anthracene	21.566	228	2702573	21.043	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	989512	23.394	ng	98
83) Chrysene	21.636	228	2522765	20.723	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	1726261	25.069	ng	99
85) Di-n-octyl phthalate	22.813	149	2956568	25.198	ng	100
87) Indeno(1,2,3-cd)pyrene	28.706	276	3273296m	20.969	ng	
88) Benzo(b)fluoranthene	23.866	252	2704711	20.722	ng	100
89) Benzo(k)fluoranthene	23.942	252	2712398	20.326	ng	99
90) Benzo(a)pyrene	24.754	252	2549616	21.125	ng	99
91) Dibenzo(a,h)anthracene	28.795	278	2711736	21.306	ng	100
92) Benzo(g,h,i)perylene	29.877	276	2666038m	21.686	ng	

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

ICAL Form

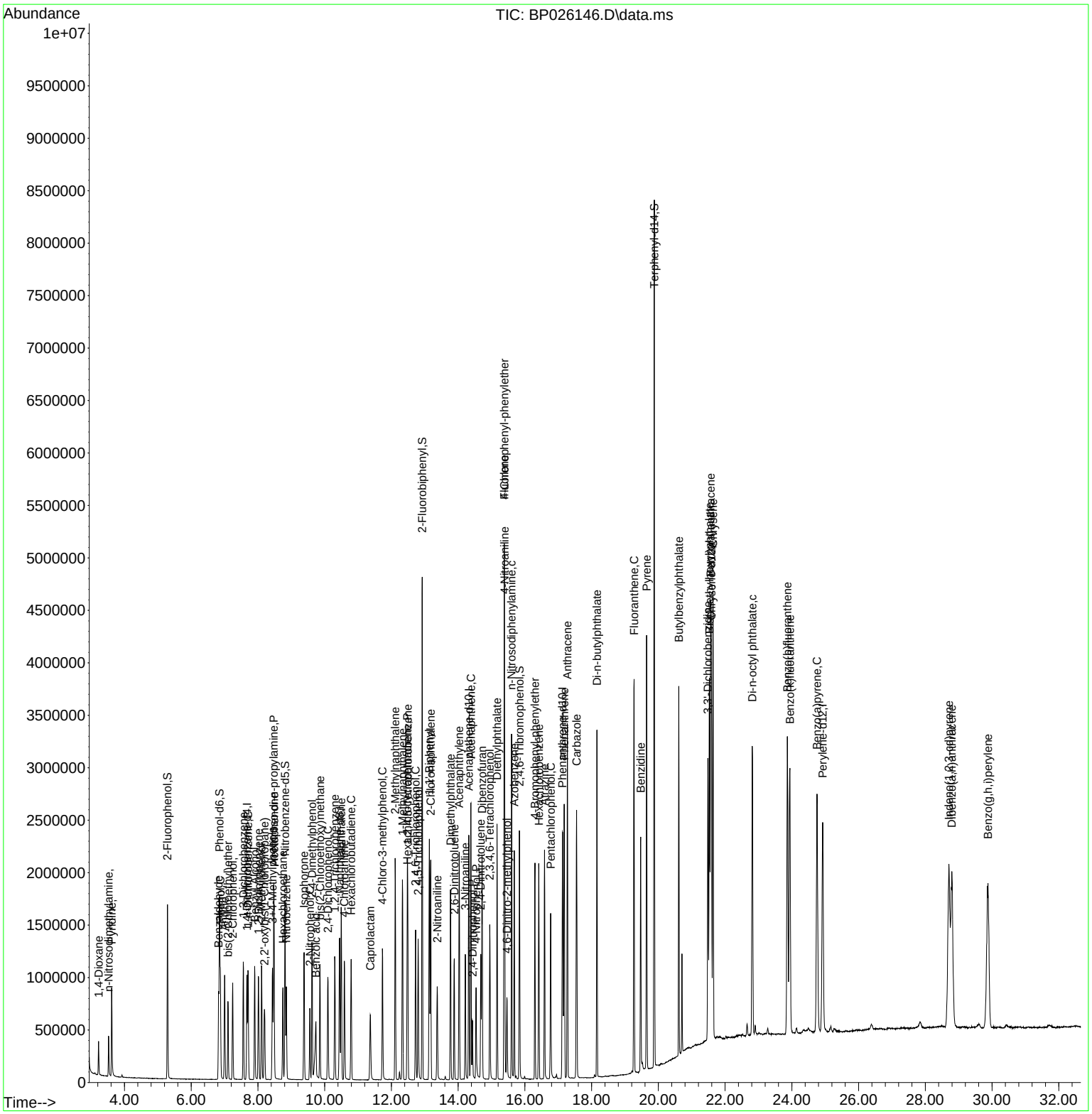
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026146.D
Acq On : 18 Nov 2025 16:35
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 19 00:40:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026147.D
Acq On : 18 Nov 2025 17:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	337271	20.000	ng	0.00
21) Naphthalene-d8	10.443	136	1420937	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	933300	20.000	ng	-0.01
64) Phenanthrene-d10	17.131	188	1878028	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1999579	20.000	ng	0.00
86) Perylene-d12	24.901	264	2243799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1679294	79.895	ng	0.00
7) Phenol-d6	6.855	99	2181293	81.447	ng	0.00
23) Nitrobenzene-d5	8.813	82	2018895	80.578	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	985641	81.498	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4991155	78.020	ng	-0.01
79) Terphenyl-d14	19.872	244	7922015	80.792	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	328478	38.414	ng	100
3) Pyridine	3.614	79	974704	39.541	ng	98
4) n-Nitrosodimethylamine	3.519	42	364054	39.627	ng	96
6) Aniline	7.008	93	1431502	40.575	ng	98
8) 2-Chlorophenol	7.243	128	964995	40.369	ng	99
9) Benzaldehyde	6.819	77	622134	53.939	ng	99
10) Phenol	6.878	94	1177853	40.869	ng	99
11) bis(2-Chloroethyl)ether	7.102	93	917778	40.811	ng	99
12) 1,3-Dichlorobenzene	7.560	146	1028799	39.968	ng	99
13) 1,4-Dichlorobenzene	7.708	146	1038752	40.071	ng	99
14) 1,2-Dichlorobenzene	8.019	146	997382	39.996	ng	99
15) Benzyl Alcohol	7.908	79	800974	40.874	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1291371	40.615	ng	99
17) 2-Methylphenol	8.113	107	806245	41.076	ng	100
18) Hexachloroethane	8.743	117	380794	40.305	ng	99
19) n-Nitroso-di-n-propyla...	8.472	70	690711	41.414	ng	99
20) 3+4-Methylphenols	8.437	107	1095272	40.127	ng	98
22) Acetophenone	8.484	105	1439776	39.828	ng	100
24) Nitrobenzene	8.855	77	1020382	40.240	ng	99
25) Isophorone	9.384	82	2017328	40.551	ng	99
26) 2-Nitrophenol	9.554	139	537109	42.012	ng	99
27) 2,4-Dimethylphenol	9.625	122	932722	40.271	ng	99
28) bis(2-Chloroethoxy)met...	9.860	93	1247327	40.045	ng	99
29) 2,4-Dichlorophenol	10.096	162	940122	40.740	ng	99
30) 1,2,4-Trichlorobenzene	10.307	180	938571	39.912	ng	99
31) Naphthalene	10.496	128	3048677	39.513	ng	99
32) Benzoic acid	9.772	122	784823	42.116	ng	97
33) 4-Chloroaniline	10.596	127	1340270	40.923	ng	99
34) Hexachlorobutadiene	10.784	225	610384	39.893	ng	99
35) Caprolactam	11.384	113	333785	40.168	ng	97
36) 4-Chloro-3-methylphenol	11.725	107	1006010	40.975	ng	99
37) 2-Methylnaphthalene	12.107	142	2196657	40.223	ng	100
38) 1-Methylnaphthalene	12.331	142	2167022	40.554	ng	99
40) 1,2,4,5-Tetrachloroben...	12.478	216	1113781	39.601	ng	100
41) Hexachlorocyclopentadiene	12.466	237	739123	40.264	ng	100
43) 2,4,6-Trichlorophenol	12.719	196	783545	40.484	ng	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026147.D
Acq On : 18 Nov 2025 17:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	871078	40.362	ng	99
46) 1,1'-Biphenyl	13.131	154	2780286	39.689	ng	99
47) 2-Chloronaphthalene	13.166	162	2182735	39.633	ng	99
48) 2-Nitroaniline	13.366	65	630592	41.000	ng	95
49) Acenaphthylene	14.025	152	3633847	39.879	ng	100
50) Dimethylphthalate	13.760	163	2788637	40.098	ng	100
51) 2,6-Dinitrotoluene	13.878	165	588736	42.806	ng	95
52) Acenaphthene	14.372	154	2124219	39.859	ng	99
53) 3-Nitroaniline	14.207	138	675665	41.586	ng	99
54) 2,4-Dinitrophenol	14.413	184	346832	42.038	ng	98
55) Dibenzofuran	14.713	168	3294100	39.554	ng	99
56) 4-Nitrophenol	14.531	139	589592	39.974	ng	99
57) 2,4-Dinitrotoluene	14.678	165	871532	42.152	ng	96
58) Fluorene	15.384	166	2576477	39.135	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	746296	40.827	ng	100
60) Diethylphthalate	15.160	149	2841743	40.313	ng	99
61) 4-Chlorophenyl-phenyle...	15.384	204	1293329	39.576	ng	96
62) 4-Nitroaniline	15.395	138	681705	40.085	ng	99
63) Azobenzene	15.684	77	2408368	40.665	ng	99
65) 4,6-Dinitro-2-methylph...	15.454	198	503716	42.621	ng	95
66) n-Nitrosodiphenylamine	15.601	169	2344222	40.344	ng	100
67) 4-Bromophenyl-phenylether	16.295	248	861696	41.519	ng	98
68) Hexachlorobenzene	16.419	284	994319	41.466	ng	95
69) Atrazine	16.584	200	893064	40.815	ng	99
70) Pentachlorophenol	16.766	266	688877	40.947	ng	99
71) Phenanthrene	17.172	178	4216157	39.682	ng	99
72) Anthracene	17.260	178	4399641	40.544	ng	100
73) Carbazole	17.542	167	4149841	40.424	ng	100
74) Di-n-butylphthalate	18.160	149	5102416	41.877	ng	99
75) Fluoranthene	19.266	202	5142583	39.601	ng	99
77) Benzidine	19.460	184	2462804	40.014	ng	99
78) Pyrene	19.642	202	5323064	40.857	ng	99
80) Butylbenzylphthalate	20.607	149	2411743	41.564	ng	99
81) Benzo(a)anthracene	21.554	228	5501277	40.116	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	2000641	40.145	ng	99
83) Chrysene	21.630	228	5135129	39.774	ng	99
84) Bis(2-ethylhexyl)phtha...	21.519	149	3731352	42.841	ng	100
85) Di-n-octyl phthalate	22.807	149	6322176	41.246	ng	100
87) Indeno(1,2,3-cd)pyrene	28.701	276	6780312m	40.563	ng	
88) Benzo(b)fluoranthene	23.865	252	5552010	40.699	ng	99
89) Benzo(k)fluoranthene	23.936	252	5444576	39.935	ng	99
90) Benzo(a)pyrene	24.754	252	5241553	40.506	ng	99
91) Dibenzo(a,h)anthracene	28.783	278	5550506	40.515	ng	100
92) Benzo(g,h,i)perylene	29.883	276	5486208	40.345	ng	100

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

ICAL Form

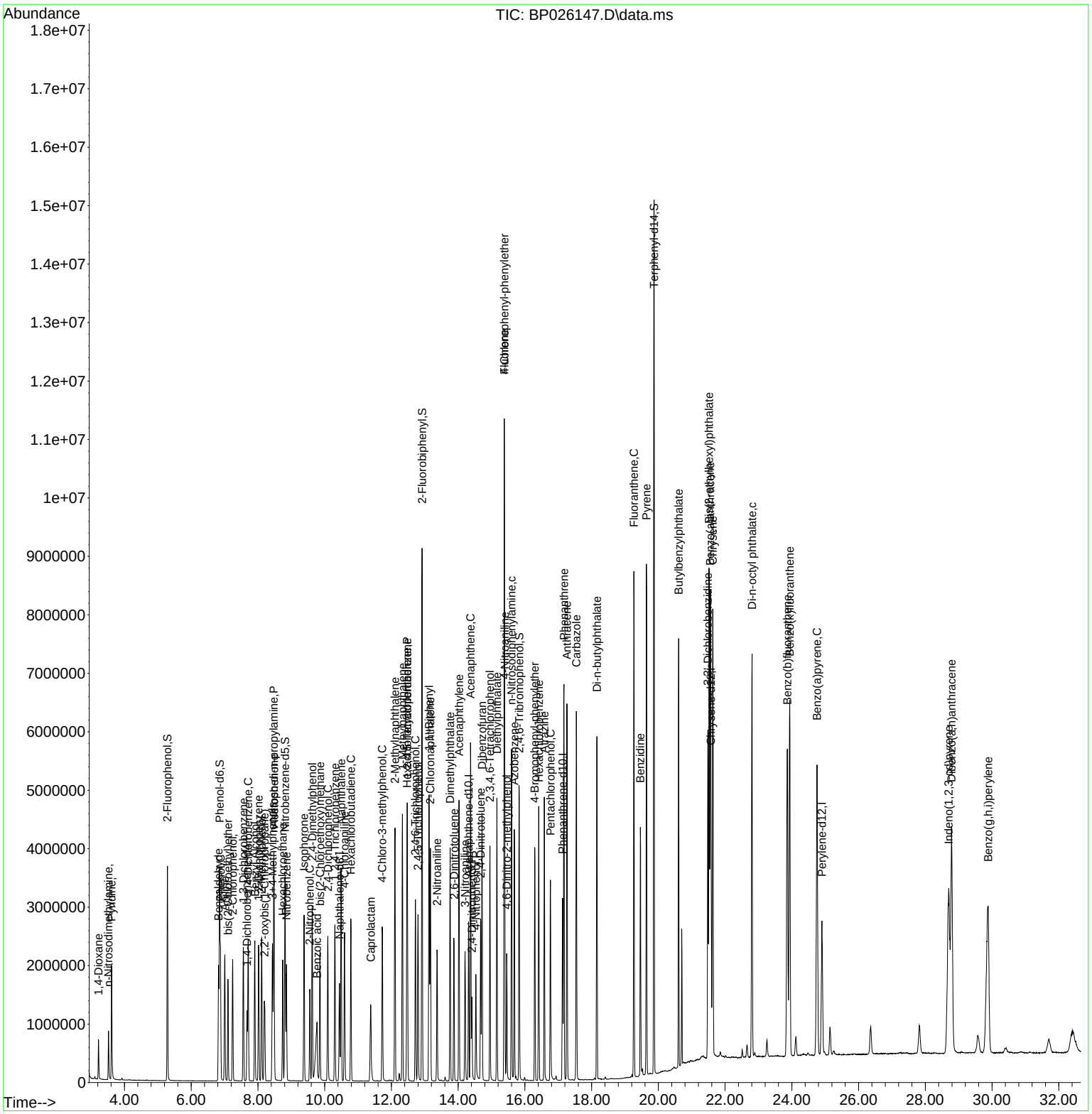
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026147.D
Acq On : 18 Nov 2025 17:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 19 01:14:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026148.D
Acq On : 18 Nov 2025 18:38
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Nov 19 00:41:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.666	152	284760	20.000	ng		0.00
21) Naphthalene-d8	10.443	136	1214236	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	797553	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1640808	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1705823	20.000	ng		0.01
86) Perylene-d12	24.912	264	1916962	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	1787355	103.554	ng		0.00
7) Phenol-d6	6.849	99	2324244	106.156	ng		0.00
23) Nitrobenzene-d5	8.813	82	2130648	108.572	ng		0.00
42) 2,4,6-Tribromophenol	15.836	330	1046471	119.774	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	5250598	94.988	ng		0.00
79) Terphenyl-d14	19.877	244	8280260	98.986	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.220	88	357043	49.304	ng		100
3) Pyridine	3.614	79	1057361	51.355	ng		99
4) n-Nitrosodimethylamine	3.525	42	393135	48.177	ng		95
6) Aniline	7.002	93	1522371	52.159	ng		99
8) 2-Chlorophenol	7.243	128	1033720	54.061	ng		100
9) Benzaldehyde	6.819	77	511940	46.418	ng		97
10) Phenol	6.878	94	1252505	51.731	ng		99
11) bis(2-Chloroethyl)ether	7.102	93	970673	50.634	ng		98
12) 1,3-Dichlorobenzene	7.560	146	1088080	49.825	ng		100
13) 1,4-Dichlorobenzene	7.708	146	1100252	49.770	ng		99
14) 1,2-Dichlorobenzene	8.019	146	1053763	49.909	ng		99
15) Benzyl Alcohol	7.907	79	849842	53.672	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1369615	47.705	ng		99
17) 2-Methylphenol	8.107	107	855650	53.750	ng		100
18) Hexachloroethane	8.743	117	401949	52.632	ng		97
19) n-Nitroso-di-n-propyla...	8.472	70	739380	54.488	ng		99
20) 3+4-Methylphenols	8.437	107	1173430	53.045	ng		99
22) Acetophenone	8.484	105	1530333	49.988	ng	#	99
24) Nitrobenzene	8.855	77	1083333	52.708	ng		99
25) Isophorone	9.384	82	2155778	51.899	ng		100
26) 2-Nitrophenol	9.560	139	575059	81.975	ng		99
27) 2,4-Dimethylphenol	9.625	122	996274	56.199	ng		99
28) bis(2-Chloroethoxy)met...	9.860	93	1340577	51.133	ng		99
29) 2,4-Dichlorophenol	10.096	162	1002063	54.165	ng		99
30) 1,2,4-Trichlorobenzene	10.307	180	986319	49.160	ng		99
31) Naphthalene	10.496	128	3258341	49.431	ng		99
32) Benzoic acid	9.766	122	836318	78.248	ng		100
33) 4-Chloroaniline	10.596	127	1404875	54.856	ng		99
34) Hexachlorobutadiene	10.784	225	639671	49.818	ng		99
35) Caprolactam	11.384	113	356958	55.200	ng		98
36) 4-Chloro-3-methylphenol	11.731	107	1079361	55.785	ng		98
37) 2-Methylnaphthalene	12.107	142	2347741	50.940	ng		100
38) 1-Methylnaphthalene	12.325	142	2264098	50.528	ng		100
40) 1,2,4,5-Tetrachloroben...	12.484	216	1184632	47.999	ng		100
41) Hexachlorocyclopentadiene	12.472	237	789794	76.949	ng		99
43) 2,4,6-Trichlorophenol	12.719	196	837942	56.757	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026148.D
Acq On : 18 Nov 2025 18:38
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Nov 19 00:41:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.795	196	934561	55.717	ng		99
46)	1,1'-Biphenyl	13.131	154	2928877	48.177	ng		99
47)	2-Chloronaphthalene	13.172	162	2321684	48.576	ng		99
48)	2-Nitroaniline	13.372	65	669977	60.939	ng		96
49)	Acenaphthylene	14.031	152	3873345	54.828	ng		100
50)	Dimethylphthalate	13.766	163	2930655	50.746	ng		100
51)	2,6-Dinitrotoluene	13.878	165	622671	64.134	ng		98
52)	Acenaphthene	14.384	154	2275322	48.135	ng		99
53)	3-Nitroaniline	14.213	138	725831	61.795	ng		97
54)	2,4-Dinitrophenol	14.419	184	372594	83.625	ng		95
55)	Dibenzofuran	14.725	168	3514504	48.822	ng		99
56)	4-Nitrophenol	14.537	139	626548	53.593	ng		98
57)	2,4-Dinitrotoluene	14.684	165	925879	65.348	ng		99
58)	Fluorene	15.389	166	2739619	48.440	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.954	232	791779	59.606	ng		100
60)	Diethylphthalate	15.166	149	2976494	51.232	ng		100
61)	4-Chlorophenyl-phenyle...	15.389	204	1378247	48.888	ng		97
62)	4-Nitroaniline	15.401	138	734482	58.965	ng		100
63)	Azobenzene	15.689	77	2549241	48.803	ng		99
65)	4,6-Dinitro-2-methylph...	15.460	198	539726	77.066	ng		98
66)	n-Nitrosodiphenylamine	15.601	169	2501945	48.943	ng		100
67)	4-Bromophenyl-phenylether	16.295	248	906367	49.759	ng		98
68)	Hexachlorobenzene	16.419	284	1044994	50.429	ng		98
69)	Atrazine	16.584	200	954570	54.471	ng		98
70)	Pentachlorophenol	16.772	266	733498	56.819	ng		99
71)	Phenanthrene	17.172	178	4521516	47.698	ng		100
72)	Anthracene	17.260	178	4603902	48.679	ng		100
73)	Carbazole	17.542	167	4285462	48.149	ng		99
74)	Di-n-butylphthalate	18.160	149	5349681	53.150	ng		100
75)	Fluoranthene	19.266	202	5367252	48.317	ng		100
77)	Benzidine	19.466	184	2691261	60.082	ng		99
78)	Pyrene	19.648	202	5584319	49.020	ng		99
80)	Butylbenzylphthalate	20.613	149	2508473	65.680	ng		98
81)	Benzo(a)anthracene	21.560	228	5754455	49.402	ng		100
82)	3,3'-Dichlorobenzidine	21.483	252	2099346	54.722	ng		99
83)	Chrysene	21.630	228	5399638	48.904	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.524	149	3735211	59.805	ng		99
85)	Di-n-octyl phthalate	22.813	149	6624425	62.248	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.706	276	7108078	50.540	ng	#	95
88)	Benzo(b)fluoranthene	23.871	252	5855690	49.795	ng		99
89)	Benzo(k)fluoranthene	23.942	252	5812408	48.345	ng		99
90)	Benzo(a)pyrene	24.771	252	5498511	50.567	ng		99
91)	Dibenzo(a,h)anthracene	28.777	278	5794869	50.535	ng		99
92)	Benzo(g,h,i)perylene	29.865	276	5679489	51.276	ng		99

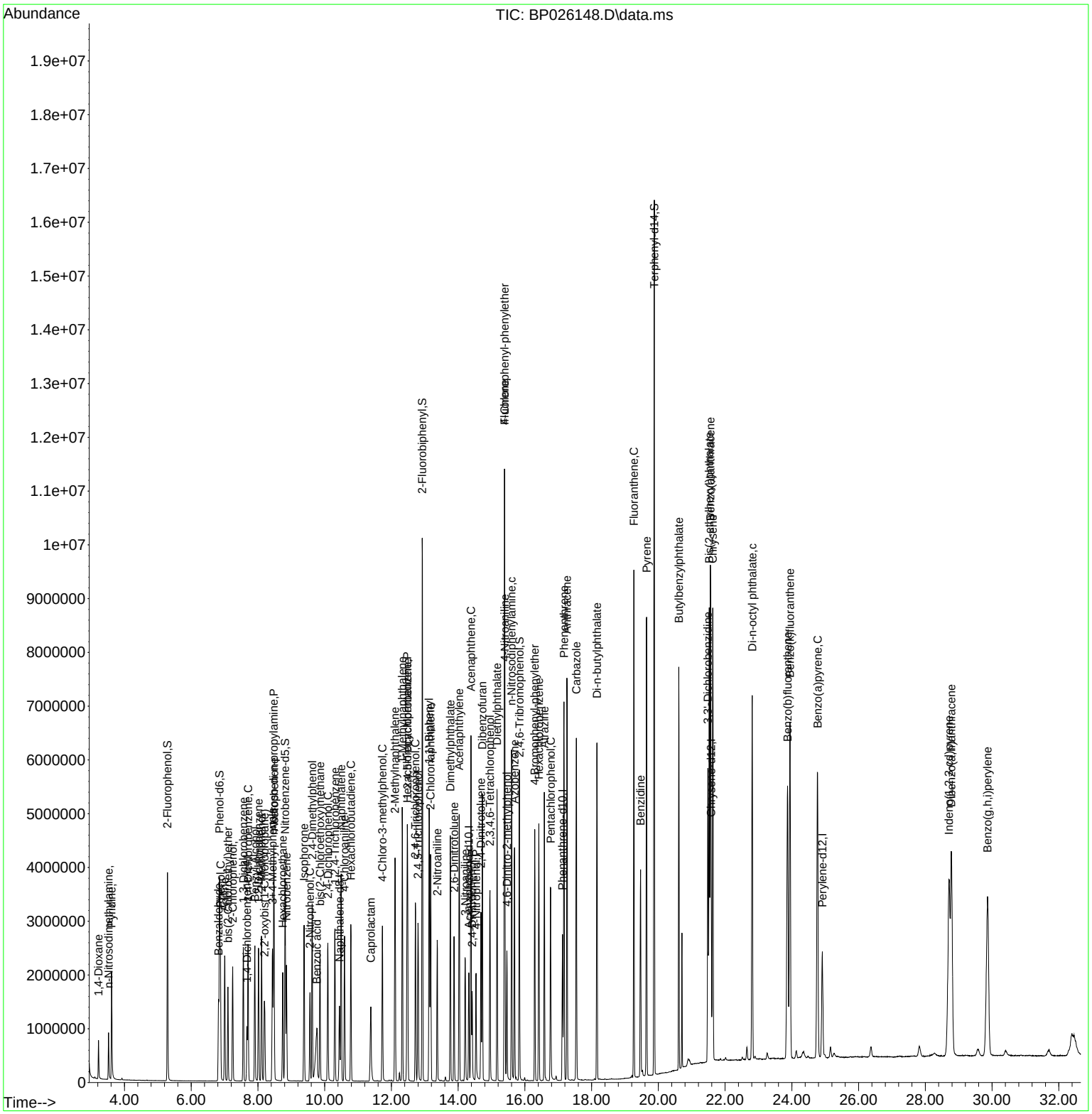
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026148.D
Acq On : 18 Nov 2025 18:38
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Nov 19 00:41:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026149.D
Acq On : 18 Nov 2025 20:00
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	314197	20.000	ng		0.00
21) Naphthalene-d8	10.443	136	1293043	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	796804	20.000	ng		0.00
64) Phenanthrene-d10	17.131	188	1609780	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1696557	20.000	ng		0.01
86) Perylene-d12	24.924	264	2032089	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	2372047	121.142	ng		0.00
7) Phenol-d6	6.855	99	3028199	121.372	ng		0.00
23) Nitrobenzene-d5	8.813	82	2754539	120.813	ng		0.00
42) 2,4,6-Tribromophenol	15.837	330	1244554	120.534	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	6333636	115.965	ng		0.00
79) Terphenyl-d14	19.872	244	9339644	112.262	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.220	88	476245	59.785	ng		99
3) Pyridine	3.614	79	1382108	60.186	ng		99
4) n-Nitrosodimethylamine	3.520	42	517563	60.473	ng		95
6) Aniline	7.008	93	2004653	60.994	ng		99
8) 2-Chlorophenol	7.243	128	1356198	60.900	ng		99
9) Benzaldehyde	6.819	77	765301	71.224	ng		99
10) Phenol	6.878	94	1642143	61.164	ng		99
11) bis(2-Chloroethyl)ether	7.102	93	1261123	60.197	ng		99
12) 1,3-Dichlorobenzene	7.561	146	1430521	59.655	ng		100
13) 1,4-Dichlorobenzene	7.708	146	1443827	59.788	ng		100
14) 1,2-Dichlorobenzene	8.019	146	1385870	59.657	ng		99
15) Benzyl Alcohol	7.908	79	1096741	60.077	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1745357	58.925	ng		99
17) 2-Methylphenol	8.108	107	1112503	60.841	ng		99
18) Hexachloroethane	8.743	117	525228	59.675	ng		97
19) n-Nitroso-di-n-propyla...	8.472	70	919437	59.177	ng		99
20) 3+4-Methylphenols	8.437	107	1508814	59.338	ng		100
22) Acetophenone	8.484	105	1966749	59.787	ng	#	99
24) Nitrobenzene	8.855	77	1394959	60.453	ng		100
25) Isophorone	9.384	82	2661277	58.787	ng		99
26) 2-Nitrophenol	9.555	139	744625	64.005	ng		99
27) 2,4-Dimethylphenol	9.625	122	1267624	60.144	ng		99
28) bis(2-Chloroethoxy)met...	9.855	93	1650883	58.243	ng		99
29) 2,4-Dichlorophenol	10.090	162	1279059	60.911	ng		99
30) 1,2,4-Trichlorobenzene	10.307	180	1271878	59.435	ng		99
31) Naphthalene	10.496	128	4106445	58.487	ng		99
32) Benzoic acid	9.802	122	1274317	75.148	ng		98
33) 4-Chloroaniline	10.596	127	1774806	59.551	ng		99
34) Hexachlorobutadiene	10.784	225	820866	58.957	ng		99
35) Caprolactam	11.390	113	442308	58.493	ng		99
36) 4-Chloro-3-methylphenol	11.731	107	1333194	59.672	ng		99
37) 2-Methylnaphthalene	12.107	142	2892574	58.205	ng		100
38) 1-Methylnaphthalene	12.331	142	2826038	58.118	ng		99
40) 1,2,4,5-Tetrachloroben...	12.484	216	1458024	60.722	ng		100
41) Hexachlorocyclopentadiene	12.466	237	999826	63.796	ng		100
43) 2,4,6-Trichlorophenol	12.719	196	1019369	61.691	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026149.D
Acq On : 18 Nov 2025 20:00
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.796	196	1129527	61.302	ng	99
46) 1,1'-Biphenyl	13.131	154	3595006	60.111	ng	100
47) 2-Chloronaphthalene	13.172	162	2855986	60.741	ng	100
48) 2-Nitroaniline	13.372	65	833079	63.445	ng	97
49) Acenaphthylene	14.031	152	4662622	59.935	ng	100
50) Dimethylphthalate	13.766	163	3514882	59.198	ng	100
51) 2,6-Dinitrotoluene	13.884	165	748865	63.777	ng	98
52) Acenaphthene	14.384	154	2756036	60.573	ng	100
53) 3-Nitroaniline	14.219	138	878733	63.349	ng	99
54) 2,4-Dinitrophenol	14.419	184	462858	65.711	ng	97
55) Dibenzofuran	14.725	168	4154597	58.432	ng	99
56) 4-Nitrophenol	14.543	139	775308	61.570	ng	99
57) 2,4-Dinitrotoluene	14.684	165	1112352	63.016	ng	99
58) Fluorene	15.390	166	3230615	57.477	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.960	232	945836	60.606	ng	100
60) Diethylphthalate	15.166	149	3494483	58.065	ng	99
61) 4-Chlorophenyl-phenyle...	15.390	204	1609638	57.693	ng	98
62) 4-Nitroaniline	15.407	138	898849	61.908	ng	99
63) Azobenzene	15.690	77	2992722	59.189	ng	99
65) 4,6-Dinitro-2-methylph...	15.466	198	645829	63.752	ng	97
66) n-Nitrosodiphenylamine	15.607	169	2939838	59.025	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	1064991	59.865	ng	98
68) Hexachlorobenzene	16.419	284	1225655	59.631	ng	98
69) Atrazine	16.589	200	1106977	59.021	ng	99
70) Pentachlorophenol	16.766	266	870320	60.353	ng	99
71) Phenanthrene	17.172	178	5259509	57.751	ng	100
72) Anthracene	17.266	178	5478029	58.894	ng	99
73) Carbazole	17.548	167	5069471	57.610	ng	99
74) Di-n-butylphthalate	18.154	149	5907343	56.562	ng	100
75) Fluoranthene	19.266	202	6367611	57.206	ng	100
77) Benzidine	19.466	184	3022349	57.876	ng	100
78) Pyrene	19.642	202	6627085	59.952	ng	99
80) Butylbenzylphthalate	20.607	149	2824354	57.369	ng	99
81) Benzo(a)anthracene	21.566	228	6873070	59.071	ng	99
82) 3,3'-Dichlorobenzidine	21.489	252	2496806	59.050	ng	99
83) Chrysene	21.630	228	6511651	59.444	ng	99
84) Bis(2-ethylhexyl)phtha...	21.525	149	4143037	56.063	ng	99
85) Di-n-octyl phthalate	22.813	149	7466824	57.415	ng	99
87) Indeno(1,2,3-cd)pyrene	28.724	276	9332480m	61.647	ng	
88) Benzo(b)fluoranthene	23.877	252	7316006	59.218	ng	99
89) Benzo(k)fluoranthene	23.954	252	7264550	58.835	ng	99
90) Benzo(a)pyrene	24.765	252	6987741	59.626	ng	99
91) Dibenzo(a,h)anthracene	28.795	278	7590692	61.180	ng	99
92) Benzo(g,h,i)perylene	29.883	276	7581255	61.561	ng	99

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

ICAL Form

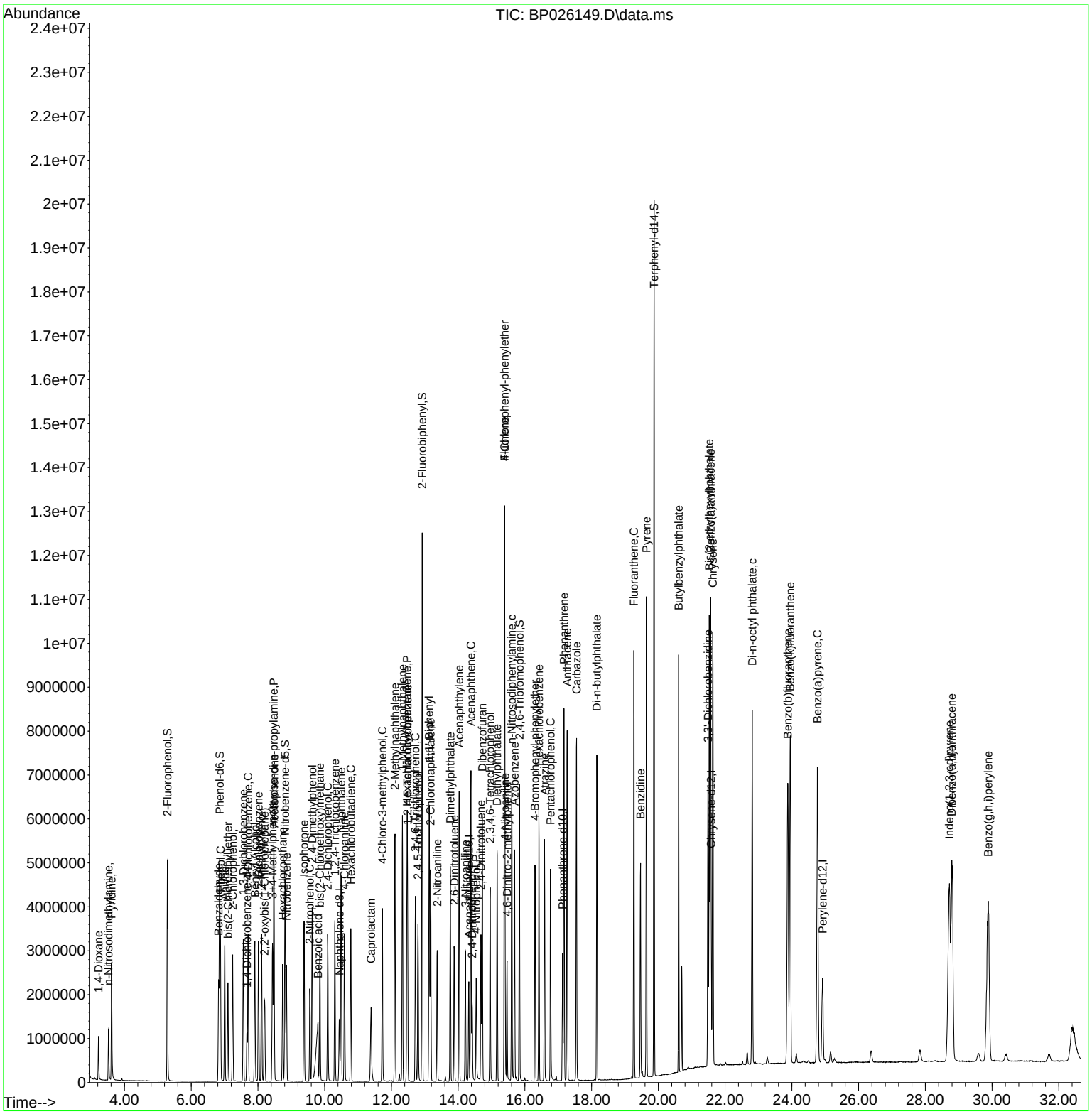
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026149.D
Acq On : 18 Nov 2025 20:00
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 19 01:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026150.D
Acq On : 18 Nov 2025 21:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:15:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	345750	20.000	ng		0.00
21) Naphthalene-d8	10.437	136	1443668	20.000	ng		-0.01
39) Acenaphthene-d10	14.319	164	916253	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1816815	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1872355	20.000	ng		0.01
86) Perylene-d12	24.907	264	2234365	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	3442714	159.776	ng		0.00
7) Phenol-d6	6.855	99	4415130	160.812	ng		0.00
23) Nitrobenzene-d5	8.819	82	4033252	158.440	ng		0.00
42) 2,4,6-Tribromophenol	15.836	330	1917042	161.460	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	9156268	145.791	ng		0.00
79) Terphenyl-d14	19.866	244	12964447	141.200	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	682656	77.877	ng		99
3) Pyridine	3.619	79	2016163	79.785	ng		98
4) n-Nitrosodimethylamine	3.525	42	746299	79.241	ng		97
6) Aniline	7.008	93	2927759	80.951	ng		99
8) 2-Chlorophenol	7.249	128	2009119	81.986	ng		99
9) Benzaldehyde	6.819	77	930739	78.716	ng		99
10) Phenol	6.884	94	2391614	80.950	ng		99
11) bis(2-Chloroethyl)ether	7.108	93	1867638	81.013	ng		99
12) 1,3-Dichlorobenzene	7.566	146	2099884	79.578	ng		100
13) 1,4-Dichlorobenzene	7.708	146	2115552	79.609	ng		99
14) 1,2-Dichlorobenzene	8.019	146	2024908	79.210	ng		99
15) Benzyl Alcohol	7.907	79	1621861	80.734	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	2616851	80.284	ng		99
17) 2-Methylphenol	8.113	107	1634861	81.249	ng		100
18) Hexachloroethane	8.737	117	803419	82.952	ng		97
19) n-Nitroso-di-n-propyla...	8.478	70	1364163	79.788	ng		100
20) 3+4-Methylphenols	8.437	107	2230760	79.724	ng		99
22) Acetophenone	8.484	105	2844696	77.453	ng	#	99
24) Nitrobenzene	8.855	77	2043562	79.321	ng		99
25) Isophorone	9.384	82	4022278	79.581	ng		99
26) 2-Nitrophenol	9.560	139	1116252	85.938	ng		98
27) 2,4-Dimethylphenol	9.625	122	1863595	79.196	ng		100
28) bis(2-Chloroethoxy)met...	9.860	93	2515997	79.503	ng		99
29) 2,4-Dichlorophenol	10.090	162	1895607	80.853	ng		99
30) 1,2,4-Trichlorobenzene	10.302	180	1895013	79.315	ng		99
31) Naphthalene	10.490	128	6074938	77.497	ng		99
32) Benzoic acid	9.813	122	1646676	86.975	ng		99
33) 4-Chloroaniline	10.596	127	2640734	79.361	ng		99
34) Hexachlorobutadiene	10.784	225	1266129	81.448	ng		99
35) Caprolactam	11.401	113	653660	77.424	ng		98
36) 4-Chloro-3-methylphenol	11.731	107	1972354	79.070	ng		99
37) 2-Methylnaphthalene	12.107	142	4297114	77.446	ng		99
38) 1-Methylnaphthalene	12.331	142	4151377	76.467	ng		99
40) 1,2,4,5-Tetrachloroben...	12.484	216	2208451	79.984	ng		100
41) Hexachlorocyclopentadiene	12.466	237	1597193	88.626	ng		99
43) 2,4,6-Trichlorophenol	12.719	196	1541092	81.106	ng		100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026150.D
Acq On : 18 Nov 2025 21:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:15:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	1713807	80.887	ng	99
46) 1,1'-Biphenyl	13.137	154	5350939	77.807	ng	100
47) 2-Chloronaphthalene	13.178	162	4259277	78.776	ng	100
48) 2-Nitroaniline	13.372	65	1240952	82.186	ng	99
49) Acenaphthylene	14.031	152	6984601	78.077	ng	99
50) Dimethylphthalate	13.772	163	5358389	78.482	ng	100
51) 2,6-Dinitrotoluene	13.890	165	1168229	86.521	ng	98
52) Acenaphthene	14.384	154	3961645	75.720	ng	99
53) 3-Nitroaniline	14.225	138	1328194	83.269	ng	97
54) 2,4-Dinitrophenol	14.419	184	762088	94.087	ng	96
55) Dibenzofuran	14.725	168	6063394	74.160	ng	99
56) 4-Nitrophenol	14.542	139	1160755	80.163	ng	98
57) 2,4-Dinitrotoluene	14.684	165	1681172	82.824	ng	99
58) Fluorene	15.389	166	4642250	71.825	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	1442428	80.377	ng	99
60) Diethylphthalate	15.172	149	5369309	77.587	ng	99
61) 4-Chlorophenyl-phenyle...	15.389	204	2373384	73.978	ng	97
62) 4-Nitroaniline	15.413	138	1312938	78.639	ng	99
63) Azobenzene	15.689	77	4543203	78.140	ng	100
65) 4,6-Dinitro-2-methylph...	15.466	198	1027969	89.911	ng	95
66) n-Nitrosodiphenylamine	15.613	169	4431692	78.838	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	1665615	82.958	ng	99
68) Hexachlorobenzene	16.419	284	1914891	82.547	ng	97
69) Atrazine	16.589	200	1724863	81.486	ng	99
70) Pentachlorophenol	16.772	266	1361754	83.671	ng	100
71) Phenanthrene	17.166	178	7901401	76.873	ng	99
72) Anthracene	17.266	178	8010628	76.308	ng	98
73) Carbazole	17.542	167	7481751	75.335	ng	98
74) Di-n-butylphthalate	18.154	149	9375432	79.539	ng	99
75) Fluoranthene	19.260	202	9351568	74.439	ng	99
77) Benzidine	19.466	184	3802265	65.974	ng	99
78) Pyrene	19.636	202	9565086	78.406	ng	98
80) Butylbenzylphthalate	20.607	149	4393302	80.859	ng	99
81) Benzo(a)anthracene	21.560	228	9949146	77.479	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	3556791	76.221	ng	99
83) Chrysene	21.630	228	9412347	77.856	ng	98
84) Bis(2-ethylhexyl)phtha...	21.519	149	6825162	83.686	ng	99
85) Di-n-octyl phthalate	22.807	149	11864727	82.666	ng	99
87) Indeno(1,2,3-cd)pyrene	28.712	276	13504257m	81.129	ng	
88) Benzo(b)fluoranthene	23.871	252	10544016	77.620	ng	99
89) Benzo(k)fluoranthene	23.942	252	10628665	78.288	ng	100
90) Benzo(a)pyrene	24.765	252	10207772	79.216	ng	99
91) Dibenzo(a,h)anthracene	28.801	278	11012037	80.721	ng	100
92) Benzo(g,h,i)perylene	29.906	276	11030115	81.458	ng	99

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

ICAL Form

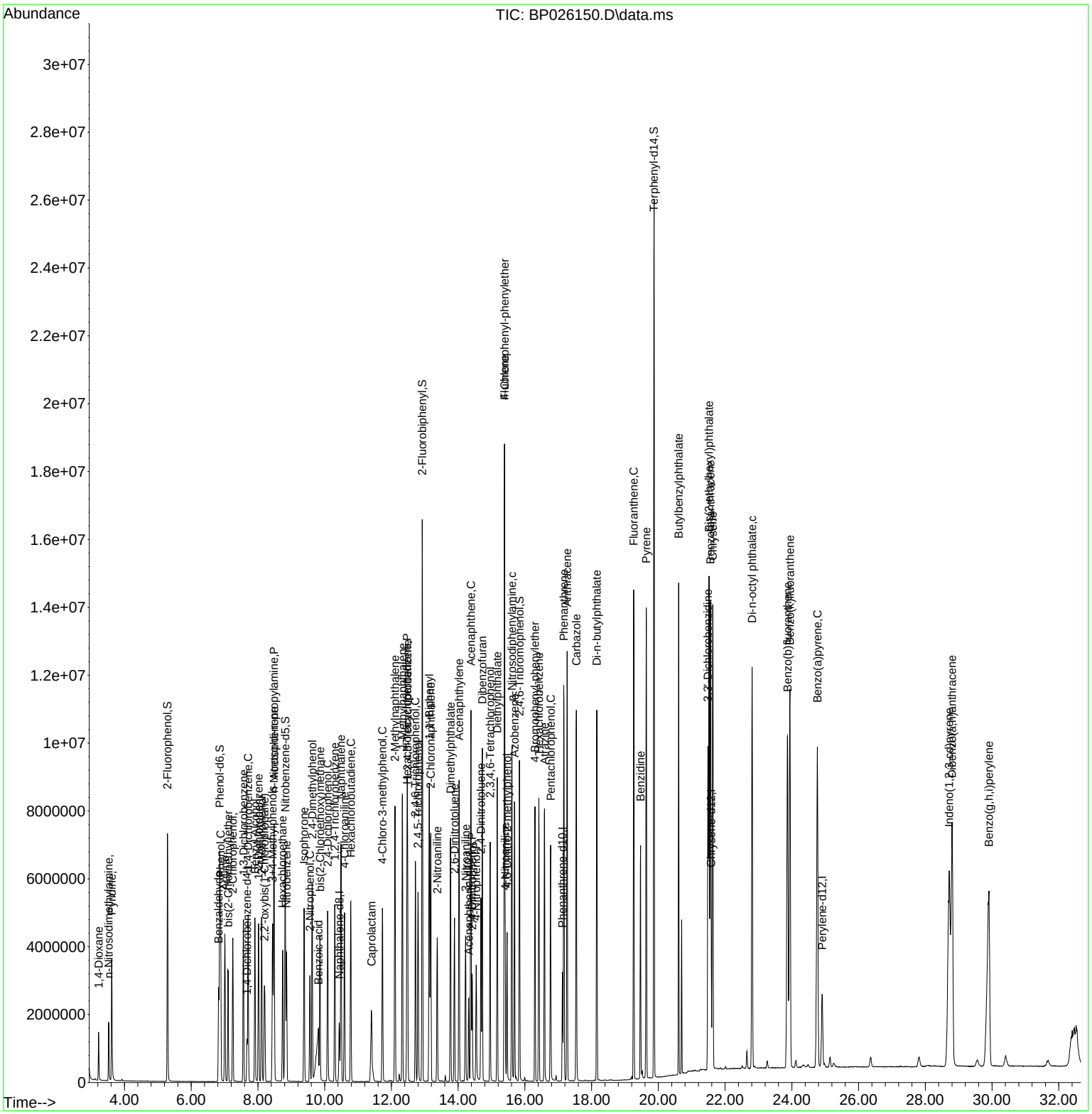
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026150.D
Acq On : 18 Nov 2025 21:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 19 01:15:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	361595	20.000	ng		0.00
21) Naphthalene-d8	10.443	136	1582932	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	1060115	20.000	ng		0.00
64) Phenanthrene-d10	17.131	188	2119946	20.000	ng		0.00
76) Chrysene-d12	21.577	240	2196318	20.000	ng		0.00
86) Perylene-d12	24.907	264	2586780	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	1800651	79.929	ng		0.00
7) Phenol-d6	6.855	99	2411815	84.094	ng		0.00
23) Nitrobenzene-d5	8.813	82	2249363	80.717	ng		0.00
42) 2,4,6-Tribromophenol	15.831	330	1107358	80.522	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	5498471	76.016	ng		0.00
79) Terphenyl-d14	19.872	244	8445903	78.411	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	343507	37.593	ng		100
3) Pyridine	3.614	79	1054187	39.921	ng		100
4) n-Nitrosodimethylamine	3.525	42	394191	39.942	ng		97
6) Aniline	7.002	93	1580563	41.740	ng		98
8) 2-Chlorophenol	7.243	128	1055115	41.146	ng		99
9) Benzaldehyde	6.819	77	685617	45.618	ng		100
10) Phenol	6.878	94	1299478	42.060	ng		99
11) bis(2-Chloroethyl)ether	7.102	93	993460	41.067	ng		98
12) 1,3-Dichlorobenzene	7.566	146	1093655	39.587	ng		98
13) 1,4-Dichlorobenzene	7.708	146	1106341	39.742	ng		99
14) 1,2-Dichlorobenzene	8.019	146	1083058	40.516	ng		99
15) Benzyl Alcohol	7.908	79	891170	42.414	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1385943	40.794	ng		99
17) 2-Methylphenol	8.108	107	894546	42.532	ng		100
18) Hexachloroethane	8.743	117	409876	40.466	ng		98
19) n-Nitroso-di-n-propyla...	8.472	70	771683	43.311	ng		99
20) 3+4-Methylphenols	8.437	107	1238228	42.486	ng		100
22) Acetophenone	8.484	105	1599641	39.758	ng	#	99
24) Nitrobenzene	8.855	77	1132232	40.166	ng		98
25) Isophorone	9.384	82	2283034	41.325	ng		99
26) 2-Nitrophenol	9.555	139	600692	42.113	ng		99
27) 2,4-Dimethylphenol	9.625	122	1044113	40.595	ng		99
28) bis(2-Chloroethoxy)met...	9.854	93	1398232	40.412	ng		99
29) 2,4-Dichlorophenol	10.096	162	1058748	41.185	ng		100
30) 1,2,4-Trichlorobenzene	10.302	180	1034416	39.515	ng		98
31) Naphthalene	10.496	128	3382899	39.543	ng		99
32) Benzoic acid	9.778	122	916813	42.328	ng		100
33) 4-Chloroaniline	10.590	127	1497158	41.152	ng		99
34) Hexachlorobutadiene	10.790	225	663620	38.979	ng		99
35) Caprolactam	11.390	113	386416	41.978	ng		99
36) 4-Chloro-3-methylphenol	11.731	107	1169352	42.798	ng		99
37) 2-Methylnaphthalene	12.107	142	2480618	40.901	ng		100
38) 1-Methylnaphthalene	12.325	142	2436446	41.101	ng		100
40) 1,2,4,5-Tetrachloroben...	12.490	216	1239031	38.653	ng		99
41) Hexachlorocyclopentadiene	12.472	237	827636	39.451	ng		99
43) 2,4,6-Trichlorophenol	12.725	196	889628	40.482	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	986131	40.200	ng	98
46) 1,1'-Biphenyl	13.137	154	3104503	38.891	ng	100
47) 2-Chloronaphthalene	13.178	162	2436522	38.816	ng	100
48) 2-Nitroaniline	13.366	65	731047	41.880	ng	94
49) Acenaphthylene	14.031	152	4108111	39.676	ng	99
50) Dimethylphthalate	13.766	163	3116904	39.365	ng	100
51) 2,6-Dinitrotoluene	13.878	165	675339	43.045	ng	100
52) Acenaphthene	14.378	154	2361523	38.919	ng	99
53) 3-Nitroaniline	14.213	138	782672	42.369	ng	99
54) 2,4-Dinitrophenol	14.419	184	403157	42.569	ng	98
55) Dibenzofuran	14.719	168	3668770	39.037	ng	100
56) 4-Nitrophenol	14.531	139	673671	40.312	ng	98
57) 2,4-Dinitrotoluene	14.684	165	997423	42.577	ng	99
58) Fluorene	15.389	166	2894223	38.962	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	846319	40.668	ng	100
60) Diethylphthalate	15.160	149	3115428	39.059	ng	99
61) 4-Chlorophenyl-phenyle...	15.384	204	1437111	38.882	ng	100
62) 4-Nitroaniline	15.401	138	780732	40.700	ng	99
63) Azobenzene	15.684	77	2678923	39.832	ng	99
65) 4,6-Dinitro-2-methylph...	15.460	198	568324	42.199	ng	95
66) n-Nitrosodiphenylamine	15.607	169	2623713	40.009	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	960730	40.921	ng	99
68) Hexachlorobenzene	16.419	284	1097761	40.295	ng	96
69) Atrazine	16.589	200	985277	39.843	ng	99
70) Pentachlorophenol	16.772	266	775987	40.719	ng	99
71) Phenanthrene	17.178	178	4768475	39.930	ng	100
72) Anthracene	17.266	178	4875395	40.026	ng	99
73) Carbazole	17.536	167	4601692	39.777	ng	100
74) Di-n-butylphthalate	18.154	149	5331384	38.873	ng	100
75) Fluoranthene	19.260	202	5678696	39.137	ng	100
77) Benzidine	19.466	184	2769880	39.739	ng	99
78) Pyrene	19.636	202	5858930	40.685	ng	99
80) Butylbenzylphthalate	20.613	149	2485794	39.196	ng	99
81) Benzo(a)anthracene	21.560	228	5995605	39.748	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	2205669	40.210	ng	98
83) Chrysene	21.624	228	5679377	39.951	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3741593	38.974	ng	100
85) Di-n-octyl phthalate	22.807	149	6475670	38.576	ng	99
87) Indeno(1,2,3-cd)pyrene	28.701	276	7731323m	39.852	ng	
88) Benzo(b)fluoranthene	23.860	252	6338827	40.239	ng	100
89) Benzo(k)fluoranthene	23.936	252	6104845	38.799	ng	100
90) Benzo(a)pyrene	24.754	252	5947125	39.855	ng	100
91) Dibenzo(a,h)anthracene	28.783	278	6347656	39.970	ng	100
92) Benzo(g,h,i)perylene	29.859	276	6346496	40.207	ng	100

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

ICAL Form

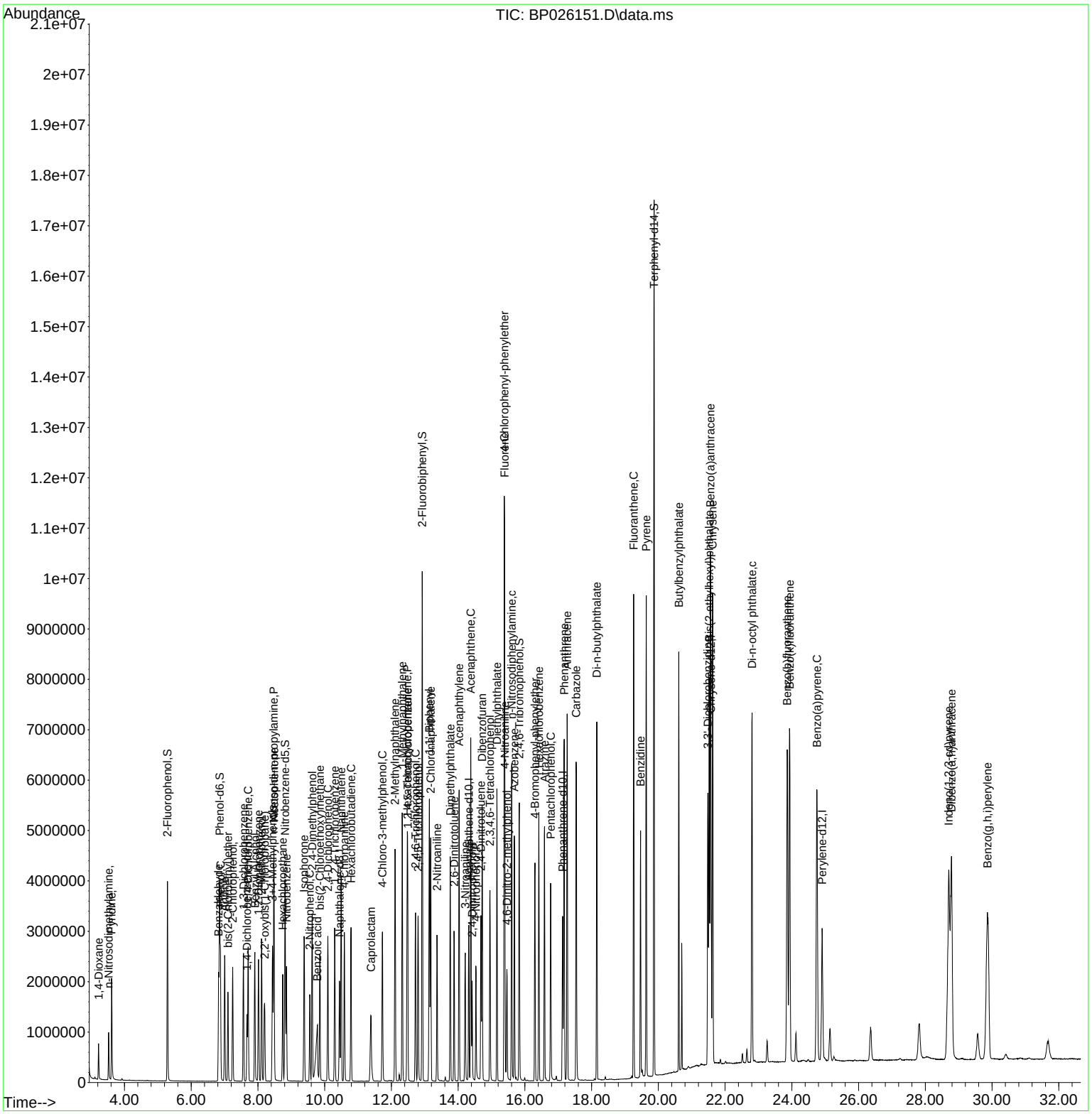
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
2		1,4-Dioxane	0.505	0.475	5.9	105	0.00
3		Pyridine	1.461	1.458	0.2	108	0.00
4		n-Nitrosodimethylamine	0.546	0.545	0.2	108	0.00
5	S	2-Fluorophenol	1.246	1.245	0.1	107	0.00
6		Aniline	2.094	2.186	-4.4	110	0.00
7	S	Phenol-d6	1.586	1.667	-5.1	111	0.00
8		2-Chlorophenol	1.418	1.459	-2.9	109	0.00
9		Benzaldehyde	0.831	0.948	-14.1	110	0.00
10	C	Phenol	1.709	1.797	-5.1	110	0.00
11		bis(2-Chloroethyl)ether	1.338	1.374	-2.7	108	0.00
12		1,3-Dichlorobenzene	1.528	1.512	1.0	106	0.00
13	C	1,4-Dichlorobenzene	1.540	1.530	0.6	107	0.00
14		1,2-Dichlorobenzene	1.479	1.498	-1.3	109	0.00
15		Benzyl Alcohol	1.162	1.232	-6.0	111	0.00
16		2,2'-oxybis(1-Chloropropane	1.879	1.916	-2.0	107	0.00
17		2-Methylphenol	1.163	1.237	-6.4	111	0.00
18		Hexachloroethane	0.560	0.567	-1.2	108	0.00
19	P	n-Nitroso-di-n-propylamine	0.985	1.067	-8.3	112	0.00
20		3+4-Methylphenols	1.612	1.712	-6.2	113	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	111	0.00
22		Acetophenone	0.508	0.505	0.6	111	0.00
23	S	Nitrobenzene-d5	0.352	0.355	-0.9	111	0.00
24		Nitrobenzene	0.356	0.358	-0.6	111	0.00
25		Isophorone	0.698	0.721	-3.3	113	0.00
26	C	2-Nitrophenol	0.180	0.190	-5.6	112	0.00
27		2,4-Dimethylphenol	0.325	0.330	-1.5	112	0.00
28		bis(2-Chloroethoxy)methane	0.437	0.442	-1.1	112	0.00
29	C	2,4-Dichlorophenol	0.325	0.334	-2.8	113	0.00
30		1,2,4-Trichlorobenzene	0.331	0.327	1.2	110	0.00
31		Naphthalene	1.081	1.069	1.1	111	0.00
32		Benzoic acid	0.274	0.290	-5.8	117	0.01
33		4-Chloroaniline	0.460	0.473	-2.8	112	0.00
34	C	Hexachlorobutadiene	0.215	0.210	2.3	109	0.00
35		Caprolactam	0.116	0.122	-5.2	116	0.01
36	C	4-Chloro-3-methylphenol	0.345	0.369	-7.0	116	0.00
37		2-Methylnaphthalene	0.766	0.784	-2.3	113	0.00
38		1-Methylnaphthalene	0.749	0.770	-2.8	112	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	114	0.00
40		1,2,4,5-Tetrachlorobenzene	0.605	0.584	3.5	111	0.00
41	P	Hexachlorocyclopentadiene	0.396	0.390	1.5	112	0.00
42	S	2,4,6-Tribromophenol	0.259	0.261	-0.8	112	0.00
43	C	2,4,6-Trichlorophenol	0.415	0.420	-1.2	114	0.00
44		2,4,5-Trichlorophenol	0.463	0.465	-0.4	113	0.00
45	S	2-Fluorobiphenyl	1.365	1.297	5.0	110	0.00
46		1,1'-Biphenyl	1.506	1.464	2.8	112	0.00
47		2-Chloronaphthalene	1.184	1.149	3.0	112	0.00

ICAL Form

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.329	0.345	-4.9	116	-0.01
49		Acenaphthylene	1.953	1.938	0.8	113	0.00
50		Dimethylphthalate	1.494	1.470	1.6	112	0.00
51		2,6-Dinitrotoluene	0.296	0.319	-7.8	115	0.00
52	C	Acenaphthene	1.145	1.114	2.7	111	0.00
53		3-Nitroaniline	0.349	0.369	-5.7	116	0.00
54	P	2,4-Dinitrophenol	0.179	0.190	-6.1	116	-0.01
55		Dibenzofuran	1.773	1.730	2.4	111	0.00
56	P	4-Nitrophenol	0.315	0.318	-1.0	114	-0.01
57		2,4-Dinitrotoluene	0.442	0.470	-6.3	114	0.00
58		Fluorene	1.401	1.365	2.6	112	0.00
59		2,3,4,6-Tetrachlorophenol	0.393	0.399	-1.5	113	0.00
60		Diethylphthalate	1.505	1.469	2.4	110	-0.01
61		4-Chlorophenyl-phenylether	0.697	0.678	2.7	111	0.00
62		4-Nitroaniline	0.362	0.368	-1.7	115	0.00
63		Azobenzene	1.269	1.264	0.4	111	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	113	0.00
65		4,6-Dinitro-2-methylphenol	0.127	0.134	-5.5	113	0.00
66	c	n-Nitrosodiphenylamine	0.619	0.619	0.0	112	0.00
67		4-Bromophenyl-phenylether	0.221	0.227	-2.7	111	0.00
68		Hexachlorobenzene	0.257	0.259	-0.8	110	0.00
69		Atrazine	0.233	0.232	0.4	110	0.00
70	C	Pentachlorophenol	0.180	0.183	-1.7	113	0.00
71		Phenanthrene	1.127	1.125	0.2	113	0.00
72		Anthracene	1.149	1.150	-0.1	111	0.00
73		Carbazole	1.091	1.085	0.5	111	0.00
74		Di-n-butylphthalate	1.294	1.257	2.9	104	0.00
75	C	Fluoranthene	1.369	1.339	2.2	110	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	110	0.00
77		Benzidine	0.635	0.631	0.6	112	0.00
78		Pyrene	1.311	1.334	-1.8	110	0.00
79	S	Terphenyl-d14	0.981	0.961	2.0	107	0.00
80		Butylbenzylphthalate	0.578	0.566	2.1	103	0.00
81		Benzo(a)anthracene	1.374	1.365	0.7	109	0.00
82		3,3'-Dichlorobenzidine	0.500	0.502	-0.4	110	0.00
83		Chrysene	1.295	1.293	0.2	111	0.00
84		Bis(2-ethylhexyl)phthalate	0.874	0.852	2.5	100	0.00
85	c	Di-n-octyl phthalate	1.529	1.474	3.6	102	0.00
86	I	Perylene-d12	1.000	1.000	0.0	115	0.00
87		Indeno(1,2,3-cd)pyrene	1.500	1.494	0.4	114	0.00
88		Benzo(b)fluoranthene	1.218	1.225	-0.6	114	0.00
89		Benzo(k)fluoranthene	1.217	1.180	3.0	112	0.00
90	C	Benzo(a)pyrene	1.154	1.150	0.3	113	0.00
91		Dibenzo(a,h)anthracene	1.228	1.227	0.1	114	-0.01
92		Benzo(g,h,i)perylene	1.220	1.227	-0.6	116	-0.02

ICAL Form

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Misc :
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ClientSampleId :
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Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	107	0.00
2		1,4-Dioxane	40.000	37.593	6.0	105	0.00
3		Pyridine	40.000	39.921	0.2	108	0.00
4		n-Nitrosodimethylamine	40.000	39.942	0.1	108	0.00
5	S	2-Fluorophenol	80.000	79.929	0.1	107	0.00
6		Aniline	40.000	41.740	-4.4	110	0.00
7	S	Phenol-d6	80.000	84.094	-5.1	111	0.00
8		2-Chlorophenol	40.000	41.146	-2.9	109	0.00
9		Benzaldehyde	40.000	45.618	-14.0	110	0.00
10	C	Phenol	40.000	42.060	-5.2	110	0.00
11		bis(2-Chloroethyl)ether	40.000	41.067	-2.7	108	0.00
12		1,3-Dichlorobenzene	40.000	39.587	1.0	106	0.00
13	C	1,4-Dichlorobenzene	40.000	39.742	0.6	107	0.00
14		1,2-Dichlorobenzene	40.000	40.516	-1.3	109	0.00
15		Benzyl Alcohol	40.000	42.414	-6.0	111	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	40.794	-2.0	107	0.00
17		2-Methylphenol	40.000	42.532	-6.3	111	0.00
18		Hexachloroethane	40.000	40.466	-1.2	108	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	43.311	-8.3	112	0.00
20		3+4-Methylphenols	40.000	42.486	-6.2	113	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	111	0.00
22		Acetophenone	40.000	39.758	0.6	111	0.00
23	S	Nitrobenzene-d5	80.000	80.717	-0.9	111	0.00
24		Nitrobenzene	40.000	40.166	-0.4	111	0.00
25		Isophorone	40.000	41.325	-3.3	113	0.00
26	C	2-Nitrophenol	40.000	42.113	-5.3	112	0.00
27		2,4-Dimethylphenol	40.000	40.595	-1.5	112	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.412	-1.0	112	0.00
29	C	2,4-Dichlorophenol	40.000	41.185	-3.0	113	0.00
30		1,2,4-Trichlorobenzene	40.000	39.515	1.2	110	0.00
31		Naphthalene	40.000	39.543	1.1	111	0.00
32		Benzoic acid	40.000	42.328	-5.8	117	0.01
33		4-Chloroaniline	40.000	41.152	-2.9	112	0.00
34	C	Hexachlorobutadiene	40.000	38.979	2.6	109	0.00
35		Caprolactam	40.000	41.978	-4.9	116	0.01
36	C	4-Chloro-3-methylphenol	40.000	42.798	-7.0	116	0.00
37		2-Methylnaphthalene	40.000	40.901	-2.3	113	0.00
38		1-Methylnaphthalene	40.000	41.101	-2.8	112	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	114	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.653	3.4	111	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.451	1.4	112	0.00
42	S	2,4,6-Tribromophenol	80.000	80.522	-0.7	112	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.482	-1.2	114	0.00
44		2,4,5-Trichlorophenol	40.000	40.200	-0.5	113	0.00
45	S	2-Fluorobiphenyl	80.000	76.016	5.0	110	0.00
46		1,1'-Biphenyl	40.000	38.891	2.8	112	0.00
47		2-Chloronaphthalene	40.000	38.816	3.0	112	0.00

Evaluate Continuing Calibration Report

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	41.880	-4.7	116	-0.01
49		Acenaphthylene	40.000	39.676	0.8	113	0.00
50		Dimethylphthalate	40.000	39.365	1.6	112	0.00
51		2,6-Dinitrotoluene	40.000	43.045	-7.6	115	0.00
52	C	Acenaphthene	40.000	38.919	2.7	111	0.00
53		3-Nitroaniline	40.000	42.369	-5.9	116	0.00
54	P	2,4-Dinitrophenol	40.000	42.569	-6.4	116	-0.01
55		Dibenzofuran	40.000	39.037	2.4	111	0.00
56	P	4-Nitrophenol	40.000	40.312	-0.8	114	-0.01
57		2,4-Dinitrotoluene	40.000	42.577	-6.4	114	0.00
58		Fluorene	40.000	38.962	2.6	112	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.668	-1.7	113	0.00
60		Diethylphthalate	40.000	39.059	2.4	110	-0.01
61		4-Chlorophenyl-phenylether	40.000	38.882	2.8	111	0.00
62		4-Nitroaniline	40.000	40.700	-1.8	115	0.00
63		Azobenzene	40.000	39.832	0.4	111	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	113	0.00
65		4,6-Dinitro-2-methylphenol	40.000	42.199	-5.5	113	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.009	-0.0	112	0.00
67		4-Bromophenyl-phenylether	40.000	40.921	-2.3	111	0.00
68		Hexachlorobenzene	40.000	40.295	-0.7	110	0.00
69		Atrazine	40.000	39.843	0.4	110	0.00
70	C	Pentachlorophenol	40.000	40.719	-1.8	113	0.00
71		Phenanthrene	40.000	39.930	0.2	113	0.00
72		Anthracene	40.000	40.026	-0.1	111	0.00
73		Carbazole	40.000	39.777	0.6	111	0.00
74		Di-n-butylphthalate	40.000	38.873	2.8	104	0.00
75	C	Fluoranthene	40.000	39.137	2.2	110	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	110	0.00
77		Benzidine	40.000	39.739	0.7	112	0.00
78		Pyrene	40.000	40.685	-1.7	110	0.00
79	S	Terphenyl-d14	80.000	78.411	2.0	107	0.00
80		Butylbenzylphthalate	40.000	39.196	2.0	103	0.00
81		Benzo(a)anthracene	40.000	39.748	0.6	109	0.00
82		3,3'-Dichlorobenzidine	40.000	40.210	-0.5	110	0.00
83		Chrysene	40.000	39.951	0.1	111	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	38.974	2.6	100	0.00
85	c	Di-n-octyl phthalate	40.000	38.576	3.6	102	0.00
86	I	Perylene-d12	20.000	20.000	0.0	115	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	39.852	0.4	114	0.00
88		Benzo(b)fluoranthene	40.000	40.239	-0.6	114	0.00
89		Benzo(k)fluoranthene	40.000	38.799	3.0	112	0.00
90	C	Benzo(a)pyrene	40.000	39.855	0.4	113	0.00
91		Dibenzo(a,h)anthracene	40.000	39.970	0.1	114	-0.01
92		Benzo(g,h,i)perylene	40.000	40.207	-0.5	116	-0.02

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BF144415.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3741

Instrument ID: BNA_F Calibration Date/Time: 12/03/2025 12:25

Lab File ID: BF144415.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.341		4.9	
Benzaldehyde	0.818	1.114		36.2	
Phenol-d6	1.448	1.466		1.2	
Phenol	1.769	1.803		1.9	20.0
bis(2-Chloroethyl)ether	1.289	1.408		9.2	
2-Chlorophenol	1.253	1.338		6.8	
2-Methylphenol	0.997	1.031		3.4	
2,2-oxybis(1-Chloropropane)	2.374	2.545		7.2	
Acetophenone	0.429	0.429		0.0	
3+4-Methylphenols	1.175	1.202		2.3	
n-Nitroso-di-n-propylamine	0.953	0.943	0.050	-1.0	
Nitrobenzene-d5	0.346	0.360		4.0	
Hexachloroethane	0.515	0.535		3.9	
Nitrobenzene	0.376	0.390		3.7	
Isophorone	0.655	0.682		4.1	
2-Nitrophenol	0.186	0.204		9.7	20.0
2,4-Dimethylphenol	0.279	0.285		2.2	
bis(2-Chloroethoxy)methane	0.409	0.438		7.1	
2,4-Dichlorophenol	0.322	0.330		2.5	20.0
Naphthalene	0.951	0.987		3.8	
4-Chloroaniline	0.347	0.356		2.6	
Hexachlorobutadiene	0.249	0.255		2.4	20.0
Caprolactam	0.088	0.087		-1.1	
4-Chloro-3-methylphenol	0.288	0.295		2.4	20.0
2-Methylnaphthalene	0.636	0.649		2.0	
Hexachlorocyclopentadiene	0.195	0.181	0.050	-7.2	
2,4,6-Trichlorophenol	0.446	0.458		2.7	20.0
2-Fluorobiphenyl	1.354	1.352		-0.1	
2,4,5-Trichlorophenol	0.481	0.486		1.0	
1,1-Biphenyl	1.396	1.429		2.4	
2-Chloronaphthalene	1.191	1.229		3.2	
2-Nitroaniline	0.344	0.350		1.7	
Dimethylphthalate	1.325	1.336		0.8	
Acenaphthylene	1.623	1.633		0.6	
2,6-Dinitrotoluene	0.268	0.282		5.2	
3-Nitroaniline	0.293	0.301		2.7	
Acenaphthene	1.085	1.029		-5.2	20.0
2,4-Dinitrophenol	0.162	0.209	0.050	29.0	
4-Nitrophenol	0.212	0.183	0.050	-13.7	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3741

Instrument ID: BNA_F Calibration Date/Time: 12/03/2025 12:25

Lab File ID: BF144415.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.503		-1.1	
2,4-Dinitrotoluene	0.359	0.371		3.3	
Diethylphthalate	1.221	1.237		1.3	
4-Chlorophenyl-phenylether	0.658	0.661		0.5	
Fluorene	1.156	1.166		0.9	
4-Nitroaniline	0.279	0.282		1.1	
4,6-Dinitro-2-methylphenol	0.136	0.136		0.0	
n-Nitrosodiphenylamine	0.643	0.685		6.5	20.0
2,4,6-Tribromophenol	0.251	0.254		1.2	
4-Bromophenyl-phenylether	0.255	0.270		5.9	
Hexachlorobenzene	0.301	0.324		7.6	
Atrazine	0.205	0.207		1.0	
Pentachlorophenol	0.150	0.165		10.0	20.0
Phenanthrene	0.996	1.044		4.8	
Anthracene	1.013	1.060		4.6	
Carbazole	0.861	0.879		2.1	
Di-n-butylphthalate	1.041	1.123		7.9	
Fluoranthene	1.029	1.037		0.8	20.0
Pyrene	1.613	1.453		-9.9	
Terphenyl-d14	1.259	1.155		-8.3	
Butylbenzylphthalate	0.559	0.568		1.6	
3,3-Dichlorobenzidine	0.475	0.519		9.3	
Benzo(a)anthracene	1.386	1.453		4.8	
Chrysene	1.280	1.234		-3.6	
Bis(2-ethylhexyl)phthalate	0.765	0.823		7.6	
Di-n-octyl phthalate	1.320	1.550		17.4	20.0
Benzo(b)fluoranthene	1.137	1.189		4.6	
Benzo(k)fluoranthene	1.064	1.093		2.7	
Benzo(a)pyrene	1.049	1.094		4.3	20.0
Indeno(1,2,3-cd)pyrene	1.436	1.486		3.5	
Dibenzo(a,h)anthracene	1.153	1.181		2.4	
Benzo(g,h,i)perylene	1.139	1.140		0.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.692		5.6	
2,3,4,6-Tetrachlorophenol	0.340	0.332		-2.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144415.D
Acq On : 03 Dec 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 03 12:45:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	58261	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	220069	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	120401	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	192871	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	142815	20.000	ng		0.00
86) Perylene-d12	15.527	264	191200	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	312575	83.957	ng		0.00
7) Phenol-d6	6.504	99	341640	80.986	ng		0.00
23) Nitrobenzene-d5	7.434	82	316882	83.163	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	122510	81.084	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	651252	79.888	ng		0.00
79) Terphenyl-d14	12.980	244	659787	73.382	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	63634	41.342	ng		99
3) Pyridine	3.363	79	182985	42.612	ng		97
4) n-Nitrosodimethylamine	3.310	42	85313	38.034	ng		88
6) Aniline	6.528	93	245117	40.782	ng	#	84
8) 2-Chlorophenol	6.651	128	155875	42.692	ng		100
9) Benzaldehyde	6.416	77	129794	54.487	ng		97
10) Phenol	6.516	94	210032	40.750	ng		84
11) bis(2-Chloroethyl)ether	6.598	93	164066	43.685	ng		99
12) 1,3-Dichlorobenzene	6.804	146	185065	41.076	ng		98
13) 1,4-Dichlorobenzene	6.881	146	186108	41.232	ng		99
14) 1,2-Dichlorobenzene	7.034	146	175123	40.479	ng		99
15) Benzyl Alcohol	7.010	79	138557	41.480	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	296513	42.873	ng		85
17) 2-Methylphenol	7.122	107	120187	41.378	ng		95
18) Hexachloroethane	7.375	117	62328	41.563	ng		99
19) n-Nitroso-di-n-propyla...	7.275	70	109924	39.583	ng		98
20) 3+4-Methylphenols	7.275	107	140099	40.917	ng		95
22) Acetophenone	7.275	105	188687	39.968	ng		97
24) Nitrobenzene	7.451	77	171624	41.483	ng		99
25) Isophorone	7.687	82	300170	41.647	ng		100
26) 2-Nitrophenol	7.763	139	89839	43.867	ng		97
27) 2,4-Dimethylphenol	7.804	122	125535	40.896	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	192967	42.874	ng		98
29) 2,4-Dichlorophenol	8.010	162	145449	41.112	ng		97
30) 1,2,4-Trichlorobenzene	8.087	180	146215	40.247	ng		99
31) Naphthalene	8.169	128	434587	41.514	ng		99
32) Benzoic acid	7.922	122	86739	38.550	ng		94
33) 4-Chloroaniline	8.222	127	156700	41.042	ng		99
34) Hexachlorobutadiene	8.281	225	112320	41.024	ng		98
35) Caprolactam	8.598	113	38257	39.470	ng		98
36) 4-Chloro-3-methylphenol	8.704	107	129937	40.981	ng		99
37) 2-Methylnaphthalene	8.863	142	285780	40.831	ng		98
38) 1-Methylnaphthalene	8.957	142	271488	40.200	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	166666	42.238	ng		100
41) Hexachlorocyclopentadiene	9.010	237	43633	37.126	ng		96
43) 2,4,6-Trichlorophenol	9.139	196	110216	41.039	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144415.D
Acq On : 03 Dec 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 03 12:45:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

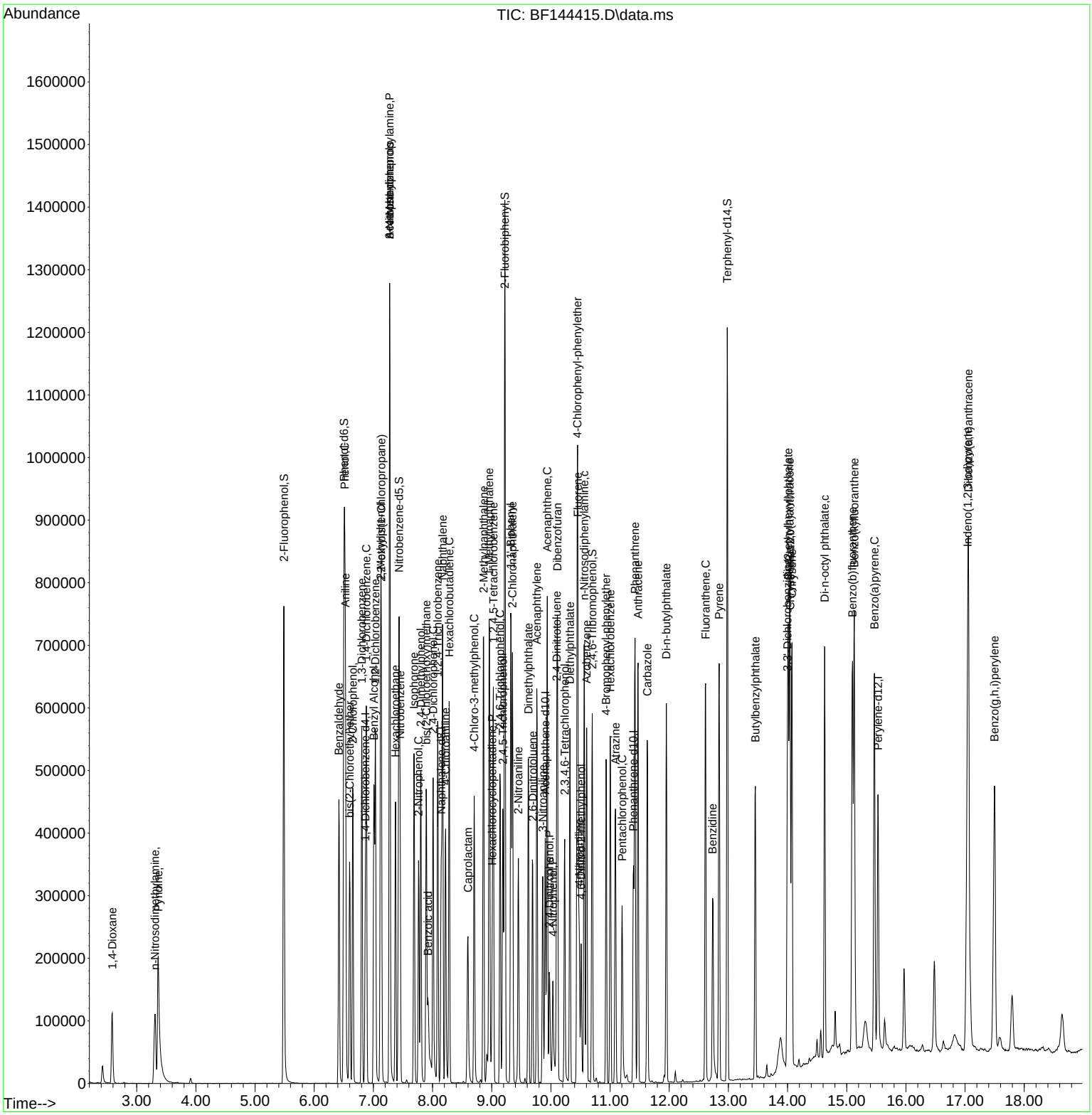
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	117004	40.422	ng	99
46) 1,1'-Biphenyl	9.322	154	344215	40.957	ng	100
47) 2-Chloronaphthalene	9.351	162	295911	41.276	ng	99
48) 2-Nitroaniline	9.451	65	84388	40.797	ng	94
49) Acenaphthylene	9.763	152	393177	40.246	ng	100
50) Dimethylphthalate	9.622	163	321693	40.331	ng	99
51) 2,6-Dinitrotoluene	9.692	165	67996	42.112	ng	95
52) Acenaphthene	9.939	154	247710	37.917	ng	100
53) 3-Nitroaniline	9.863	138	72485	41.066	ng	98
54) 2,4-Dinitrophenol	9.975	184	50232	51.519	ng	98
55) Dibenzofuran	10.110	168	361806	39.543	ng	99
56) 4-Nitrophenol	10.034	139	44046	34.497	ng	98
57) 2,4-Dinitrotoluene	10.098	165	89398	41.358	ng	99
58) Fluorene	10.457	166	280703	40.351	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	80063	39.095	ng	98
60) Diethylphthalate	10.322	149	297785	40.499	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	159222	40.181	ng	99
62) 4-Nitroaniline	10.481	138	67864	40.373	ng	94
63) Azobenzene	10.604	77	278252	40.661	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	52380	39.977	ng	97
66) n-Nitrosodiphenylamine	10.563	169	264313	42.609	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	104301	42.367	ng	99
68) Hexachlorobenzene	11.004	284	125015	43.113	ng	95
69) Atrazine	11.092	200	79735	40.418	ng	98
70) Pentachlorophenol	11.204	266	63696	44.113	ng	97
71) Phenanthrene	11.422	178	402711	41.937	ng	99
72) Anthracene	11.475	178	408849	41.871	ng	100
73) Carbazole	11.628	167	338923	40.819	ng	99
74) Di-n-butylphthalate	11.951	149	433330	43.172	ng	99
75) Fluoranthene	12.616	202	400164	40.340	ng	100
77) Benzidine	12.733	184	204936	48.513	ng	99
78) Pyrene	12.845	202	415153	36.053	ng	99
80) Butylbenzylphthalate	13.457	149	162220	40.647	ng	97
81) Benzo(a)anthracene	14.033	228	414970	41.924	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	148378	43.733	ng	94
83) Chrysene	14.074	228	352349	38.562	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	234960	43.006	ng	97
85) Di-n-octyl phthalate	14.627	149	442714	46.966	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	568402	41.413	ng	100
88) Benzo(b)fluoranthene	15.098	252	454684	41.829	ng	99
89) Benzo(k)fluoranthene	15.127	252	418012	41.085	ng	98
90) Benzo(a)pyrene	15.468	252	418495	41.732	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	451456	40.957	ng	98
92) Benzo(g,h,i)perylene	17.498	276	435875	40.043	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144415.D
Acq On : 03 Dec 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 03 12:45:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



Sample Results: **BF144415.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144415.D
Acq On : 03 Dec 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 03 12:45:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	-0.01
2		1,4-Dioxane	0.528	0.546	-3.4	82	-0.03
3		Pyridine	1.474	1.570	-6.5	86	-0.05
4		n-Nitrosodimethylamine	0.770	0.732	4.9	79	-0.04
5	S	2-Fluorophenol	1.278	1.341	-4.9	85	0.00
6		Aniline	2.063	2.104	-2.0	85	0.00
7	S	Phenol-d6	1.448	1.466	-1.2	84	0.00
8		2-Chlorophenol	1.253	1.338	-6.8	87	0.00
9		Benzaldehyde	0.818	1.114	-36.2#	114	-0.01
10	C	Phenol	1.769	1.803	-1.9	81	0.00
11		bis(2-Chloroethyl)ether	1.289	1.408	-9.2	89	0.00
12		1,3-Dichlorobenzene	1.547	1.588	-2.7	86	-0.01
13	C	1,4-Dichlorobenzene	1.549	1.597	-3.1	84	-0.01
14		1,2-Dichlorobenzene	1.485	1.503	-1.2	84	-0.01
15		Benzyl Alcohol	1.147	1.189	-3.7	85	-0.01
16		2,2'-oxybis(1-Chloropropane	2.374	2.545	-7.2	88	0.00
17		2-Methylphenol	0.997	1.031	-3.4	83	0.00
18		Hexachloroethane	0.515	0.535	-3.9	84	-0.01
19	P	n-Nitroso-di-n-propylamine	0.953	0.943	1.0	83	0.00
20		3+4-Methylphenols	1.175	1.202	-2.3	82	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	84	-0.01
22		Acetophenone	0.429	0.429	0.0	83	0.00
23	S	Nitrobenzene-d5	0.346	0.360	-4.0	84	0.00
24		Nitrobenzene	0.376	0.390	-3.7	84	0.00
25		Isophorone	0.655	0.682	-4.1	85	0.00
26	C	2-Nitrophenol	0.186	0.204	-9.7	87	-0.01
27		2,4-Dimethylphenol	0.279	0.285	-2.2	80	0.00
28		bis(2-Chloroethoxy)methane	0.409	0.438	-7.1	87	0.00
29	C	2,4-Dichlorophenol	0.322	0.330	-2.5	84	0.00
30		1,2,4-Trichlorobenzene	0.330	0.332	-0.6	83	-0.01
31		Naphthalene	0.951	0.987	-3.8	85	0.00
32		Benzoic acid	0.204	0.197	3.4	92	-0.03
33		4-Chloroaniline	0.347	0.356	-2.6	82	0.00
34	C	Hexachlorobutadiene	0.249	0.255	-2.4	83	-0.01
35		Caprolactam	0.088	0.087	1.1	79	-0.02
36	C	4-Chloro-3-methylphenol	0.288	0.295	-2.4	83	0.00
37		2-Methylnaphthalene	0.636	0.649	-2.0	84	0.00
38		1-Methylnaphthalene	0.614	0.617	-0.5	83	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	81	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.655	0.692	-5.6	83	0.00
41	P	Hexachlorocyclopentadiene	0.195	0.181	7.2	73	-0.02
42	S	2,4,6-Tribromophenol	0.251	0.254	-1.2	78	0.00
43	C	2,4,6-Trichlorophenol	0.446	0.458	-2.7	81	-0.01
44		2,4,5-Trichlorophenol	0.481	0.486	-1.0	80	0.00
45	S	2-Fluorobiphenyl	1.354	1.352	0.1	81	0.00
46		1,1'-Biphenyl	1.396	1.429	-2.4	82	-0.01
47		2-Chloronaphthalene	1.191	1.229	-3.2	83	0.00

Sample Results: **BF144415.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144415.D
Acq On : 03 Dec 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 03 12:45:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.344	0.350	-1.7	78	0.00
49		Acenaphthylene	1.623	1.633	-0.6	80	-0.01
50		Dimethylphthalate	1.325	1.336	-0.8	80	0.00
51		2,6-Dinitrotoluene	0.268	0.282	-5.2	83	0.00
52	C	Acenaphthene	1.085	1.029	5.2	76	0.00
53		3-Nitroaniline	0.293	0.301	-2.7	77	0.00
54	P	2,4-Dinitrophenol	0.162	0.209	-29.0#	120	-0.01
55		Dibenzofuran	1.520	1.503	1.1	78	0.00
56	P	4-Nitrophenol	0.212	0.183	13.7	73	0.00
57		2,4-Dinitrotoluene	0.359	0.371	-3.3	78	0.00
58		Fluorene	1.156	1.166	-0.9	80	0.00
59		2,3,4,6-Tetrachlorophenol	0.340	0.332	2.4	75	0.00
60		Diethylphthalate	1.221	1.237	-1.3	80	0.00
61		4-Chlorophenyl-phenylether	0.658	0.661	-0.5	78	-0.01
62		4-Nitroaniline	0.279	0.282	-1.1	79	0.00
63		Azobenzene	1.137	1.156	-1.7	80	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	75	-0.01
65		4,6-Dinitro-2-methylphenol	0.136	0.136	0.0	78	-0.01
66	c	n-Nitrosodiphenylamine	0.643	0.685	-6.5	79	0.00
67		4-Bromophenyl-phenylether	0.255	0.270	-5.9	77	-0.01
68		Hexachlorobenzene	0.301	0.324	-7.6	81	0.00
69		Atrazine	0.205	0.207	-1.0	75	0.00
70	C	Pentachlorophenol	0.150	0.165	-10.0	79	-0.01
71		Phenanthrene	0.996	1.044	-4.8	78	0.00
72		Anthracene	1.013	1.060	-4.6	78	0.00
73		Carbazole	0.861	0.879	-2.1	75	-0.01
74		Di-n-butylphthalate	1.041	1.123	-7.9	79	-0.01
75	C	Fluoranthene	1.029	1.037	-0.8	74	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	88	0.00
77		Benzidine	0.592	0.717	-21.1	101	-0.02
78		Pyrene	1.613	1.453	9.9	75	0.00
79	S	Terphenyl-d14	1.259	1.155	8.3	77	-0.01
80		Butylbenzylphthalate	0.559	0.568	-1.6	85	-0.01
81		Benzo(a)anthracene	1.386	1.453	-4.8	89	-0.01
82		3,3'-Dichlorobenzidine	0.475	0.519	-9.3	95	-0.01
83		Chrysene	1.280	1.234	3.6	77	0.00
84		Bis(2-ethylhexyl)phthalate	0.765	0.823	-7.6	89	-0.02
85	c	Di-n-octyl phthalate	1.320	1.550	-17.4	96	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	92	-0.01
87		Indeno(1,2,3-cd)pyrene	1.436	1.486	-3.5	92	0.01
88		Benzo(b)fluoranthene	1.137	1.189	-4.6	88	0.00
89		Benzo(k)fluoranthene	1.064	1.093	-2.7	96	0.00
90	C	Benzo(a)pyrene	1.049	1.094	-4.3	93	0.00
91		Dibenzo(a,h)anthracene	1.153	1.181	-2.4	90	0.00
92		Benzo(g,h,i)perylene	1.139	1.140	-0.1	88	0.00

Sample Results: **BF144415.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144415.D
Acq On : 03 Dec 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 03 12:45:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BF144415.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144415.D
Acq On : 03 Dec 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 03 12:45:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	83	-0.01
2		1,4-Dioxane	40.000	41.342	-3.4	82	-0.03
3		Pyridine	40.000	42.612	-6.5	86	-0.05
4		n-Nitrosodimethylamine	40.000	38.034	4.9	79	-0.04
5	S	2-Fluorophenol	80.000	83.957	-4.9	85	0.00
6		Aniline	40.000	40.782	-2.0	85	0.00
7	S	Phenol-d6	80.000	80.986	-1.2	84	0.00
8		2-Chlorophenol	40.000	42.692	-6.7	87	0.00
9		Benzaldehyde	40.000	54.487	-36.2#	114	-0.01
10	C	Phenol	40.000	40.750	-1.9	81	0.00
11		bis(2-Chloroethyl)ether	40.000	43.685	-9.2	89	0.00
12		1,3-Dichlorobenzene	40.000	41.076	-2.7	86	-0.01
13	C	1,4-Dichlorobenzene	40.000	41.232	-3.1	84	-0.01
14		1,2-Dichlorobenzene	40.000	40.479	-1.2	84	-0.01
15		Benzyl Alcohol	40.000	41.480	-3.7	85	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	42.873	-7.2	88	0.00
17		2-Methylphenol	40.000	41.378	-3.4	83	0.00
18		Hexachloroethane	40.000	41.563	-3.9	84	-0.01
19	P	n-Nitroso-di-n-propylamine	40.000	39.583	1.0	83	0.00
20		3+4-Methylphenols	40.000	40.917	-2.3	82	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	84	-0.01
22		Acetophenone	40.000	39.968	0.1	83	0.00
23	S	Nitrobenzene-d5	80.000	83.163	-4.0	84	0.00
24		Nitrobenzene	40.000	41.483	-3.7	84	0.00
25		Isophorone	40.000	41.647	-4.1	85	0.00
26	C	2-Nitrophenol	40.000	43.867	-9.7	87	-0.01
27		2,4-Dimethylphenol	40.000	40.896	-2.2	80	0.00
28		bis(2-Chloroethoxy)methane	40.000	42.874	-7.2	87	0.00
29	C	2,4-Dichlorophenol	40.000	41.112	-2.8	84	0.00
30		1,2,4-Trichlorobenzene	40.000	40.247	-0.6	83	-0.01
31		Naphthalene	40.000	41.514	-3.8	85	0.00
32		Benzoic acid	40.000	38.550	3.6	92	-0.03
33		4-Chloroaniline	40.000	41.042	-2.6	82	0.00
34	C	Hexachlorobutadiene	40.000	41.024	-2.6	83	-0.01
35		Caprolactam	40.000	39.470	1.3	79	-0.02
36	C	4-Chloro-3-methylphenol	40.000	40.981	-2.5	83	0.00
37		2-Methylnaphthalene	40.000	40.831	-2.1	84	0.00
38		1-Methylnaphthalene	40.000	40.200	-0.5	83	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	81	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	42.238	-5.6	83	0.00
41	P	Hexachlorocyclopentadiene	40.000	37.126	7.2	73	-0.02
42	S	2,4,6-Tribromophenol	80.000	81.084	-1.4	78	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.039	-2.6	81	-0.01
44		2,4,5-Trichlorophenol	40.000	40.422	-1.1	80	0.00
45	S	2-Fluorobiphenyl	80.000	79.888	0.1	81	0.00
46		1,1'-Biphenyl	40.000	40.957	-2.4	82	-0.01
47		2-Chloronaphthalene	40.000	41.276	-3.2	83	0.00

Sample Results: **BF144415.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144415.D
Acq On : 03 Dec 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 03 12:45:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	40.797	-2.0	78	0.00
49		Acenaphthylene	40.000	40.246	-0.6	80	-0.01
50		Dimethylphthalate	40.000	40.331	-0.8	80	0.00
51		2,6-Dinitrotoluene	40.000	42.112	-5.3	83	0.00
52	C	Acenaphthene	40.000	37.917	5.2	76	0.00
53		3-Nitroaniline	40.000	41.066	-2.7	77	0.00
54	P	2,4-Dinitrophenol	40.000	51.519	-28.8#	120	-0.01
55		Dibenzofuran	40.000	39.543	1.1	78	0.00
56	P	4-Nitrophenol	40.000	34.497	13.8	73	0.00
57		2,4-Dinitrotoluene	40.000	41.358	-3.4	78	0.00
58		Fluorene	40.000	40.351	-0.9	80	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.095	2.3	75	0.00
60		Diethylphthalate	40.000	40.499	-1.2	80	0.00
61		4-Chlorophenyl-phenylether	40.000	40.181	-0.5	78	-0.01
62		4-Nitroaniline	40.000	40.373	-0.9	79	0.00
63		Azobenzene	40.000	40.661	-1.7	80	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	75	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	39.977	0.1	78	-0.01
66	c	n-Nitrosodiphenylamine	40.000	42.609	-6.5	79	0.00
67		4-Bromophenyl-phenylether	40.000	42.367	-5.9	77	-0.01
68		Hexachlorobenzene	40.000	43.113	-7.8	81	0.00
69		Atrazine	40.000	40.418	-1.0	75	0.00
70	C	Pentachlorophenol	40.000	44.113	-10.3	79	-0.01
71		Phenanthrene	40.000	41.937	-4.8	78	0.00
72		Anthracene	40.000	41.871	-4.7	78	0.00
73		Carbazole	40.000	40.819	-2.0	75	-0.01
74		Di-n-butylphthalate	40.000	43.172	-7.9	79	-0.01
75	C	Fluoranthene	40.000	40.340	-0.9	74	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	88	0.00
77		Benzidine	40.000	48.513	-21.3	101	-0.02
78		Pyrene	40.000	36.053	9.9	75	0.00
79	S	Terphenyl-d14	80.000	73.382	8.3	77	-0.01
80		Butylbenzylphthalate	40.000	40.647	-1.6	85	-0.01
81		Benzo(a)anthracene	40.000	41.924	-4.8	89	-0.01
82		3,3'-Dichlorobenzidine	40.000	43.733	-9.3	95	-0.01
83		Chrysene	40.000	38.562	3.6	77	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	43.006	-7.5	89	-0.02
85	c	Di-n-octyl phthalate	40.000	46.966	-17.4	96	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	92	-0.01
87		Indeno(1,2,3-cd)pyrene	40.000	41.413	-3.5	92	0.01
88		Benzo(b)fluoranthene	40.000	41.829	-4.6	88	0.00
89		Benzo(k)fluoranthene	40.000	41.085	-2.7	96	0.00
90	C	Benzo(a)pyrene	40.000	41.732	-4.3	93	0.00
91		Dibenzo(a,h)anthracene	40.000	40.957	-2.4	90	0.00
92		Benzo(g,h,i)perylene	40.000	40.043	-0.1	88	0.00

Sample Results: **BF144415.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144415.D
Acq On : 03 Dec 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 03 12:45:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BP026224.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3741

Instrument ID: BNA_P Calibration Date/Time: 12/03/2025 12:53

Lab File ID: BP026224.D Init. Calib. Date(s): 11/18/2025 11/18/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:31 21:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.246	1.193		-4.3	
Benzaldehyde	0.831	1.056		27.1	
Phenol-d6	1.586	1.518		-4.3	
Phenol	1.709	1.631		-4.6	20.0
bis(2-Chloroethyl)ether	1.338	1.298		-3.0	
2-Chlorophenol	1.418	1.417		-0.1	
2-Methylphenol	1.163	1.133		-2.6	
2,2-oxybis(1-Chloropropane)	1.879	1.856		-1.2	
Acetophenone	0.508	0.496		-2.4	
3+4-Methylphenols	1.612	1.526		-5.3	
n-Nitroso-di-n-propylamine	0.985	0.955	0.050	-3.0	
Nitrobenzene-d5	0.352	0.349		-0.9	
Hexachloroethane	0.560	0.572		2.1	
Nitrobenzene	0.356	0.355		-0.3	
Isophorone	0.698	0.670		-4.0	
2-Nitrophenol	0.180	0.188		4.4	20.0
2,4-Dimethylphenol	0.325	0.281		-13.5	
bis(2-Chloroethoxy)methane	0.437	0.426		-2.5	
2,4-Dichlorophenol	0.325	0.325		0.0	20.0
Naphthalene	1.081	1.061		-1.9	
4-Chloroaniline	0.460	0.429		-6.7	
Hexachlorobutadiene	0.215	0.229		6.5	20.0
Caprolactam	0.116	0.099		-14.7	
4-Chloro-3-methylphenol	0.345	0.332		-3.8	20.0
2-Methylnaphthalene	0.766	0.747		-2.5	
Hexachlorocyclopentadiene	0.396	0.314	0.050	-20.7	
2,4,6-Trichlorophenol	0.415	0.430		3.6	20.0
2-Fluorobiphenyl	1.365	1.409		3.2	
2,4,5-Trichlorophenol	0.463	0.475		2.6	
1,1-Biphenyl	1.506	1.525		1.3	
2-Chloronaphthalene	1.184	1.205		1.8	
2-Nitroaniline	0.329	0.317		-3.6	
Dimethylphthalate	1.494	1.449		-3.0	
Acenaphthylene	1.953	1.927		-1.3	
2,6-Dinitrotoluene	0.296	0.305		3.0	
3-Nitroaniline	0.349	0.313		-10.3	
Acenaphthene	1.145	1.130		-1.3	20.0
2,4-Dinitrophenol	0.179	0.163	0.050	-8.9	
4-Nitrophenol	0.315	0.254	0.050	-19.4	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3741

Instrument ID: BNA_P Calibration Date/Time: 12/03/2025 12:53

Lab File ID: BP026224.D Init. Calib. Date(s): 11/18/2025 11/18/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:31 21:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.773	1.738		-2.0	
2,4-Dinitrotoluene	0.442	0.422		-4.5	
Diethylphthalate	1.505	1.424		-5.4	
4-Chlorophenyl-phenylether	0.697	0.692		-0.7	
Fluorene	1.401	1.333		-4.9	
4-Nitroaniline	0.362	0.297		-18.0	
4,6-Dinitro-2-methylphenol	0.127	0.130		2.4	
n-Nitrosodiphenylamine	0.619	0.657		6.1	20.0
2,4,6-Tribromophenol	0.259	0.254		-1.9	
4-Bromophenyl-phenylether	0.221	0.243		10.0	
Hexachlorobenzene	0.257	0.281		9.3	
Atrazine	0.233	0.223		-4.3	
Pentachlorophenol	0.180	0.179		-0.6	20.0
Phenanthrene	1.127	1.123		-0.4	
Anthracene	1.149	1.164		1.3	
Carbazole	1.091	0.998		-8.5	
Di-n-butylphthalate	1.294	1.224		-5.4	
Fluoranthene	1.369	1.215		-11.2	20.0
Pyrene	1.311	1.430		9.1	
Terphenyl-d14	0.981	1.089		11.0	
Butylbenzylphthalate	0.578	0.574		-0.7	
3,3-Dichlorobenzidine	0.500	0.484		-3.2	
Benzo(a)anthracene	1.374	1.350		-1.7	
Chrysene	1.295	1.297		0.2	
Bis(2-ethylhexyl)phthalate	0.874	0.844		-3.4	
Di-n-octyl phthalate	1.529	1.460		-4.5	20.0
Benzo(b)fluoranthene	1.218	1.185		-2.7	
Benzo(k)fluoranthene	1.217	1.230		1.1	
Benzo(a)pyrene	1.154	1.166		1.0	20.0
Indeno(1,2,3-cd)pyrene	1.500	1.615		7.7	
Dibenzo(a,h)anthracene	1.228	1.316		7.2	
Benzo(g,h,i)perylene	1.220	1.312		7.5	
1,2,4,5-Tetrachlorobenzene	0.605	0.646		6.8	
2,3,4,6-Tetrachlorophenol	0.393	0.384		-2.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026224.D
Acq On : 03 Dec 2025 12:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Dec 03 13:21:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.660	152	366422	20.000	ng		0.02
21) Naphthalene-d8	10.419	136	1506565	20.000	ng		0.00
39) Acenaphthene-d10	14.278	164	920814	20.000	ng		-0.02
64) Phenanthrene-d10	17.084	188	1659590	20.000	ng		-0.02
76) Chrysene-d12	21.542	240	1437932	20.000	ng		0.00
86) Perylene-d12	24.836	264	1741659	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.284	112	1749083	76.617	ng		0.03
7) Phenol-d6	6.843	99	2224210	76.531	ng		0.02
23) Nitrobenzene-d5	8.796	82	2102146	79.258	ng		0.01
42) 2,4,6-Tribromophenol	15.801	330	935611	78.325	ng		0.00
45) 2-Fluorobiphenyl	12.896	172	5190625	82.615	ng		0.00
79) Terphenyl-d14	19.836	244	6260972	88.783	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.220	88	358489	38.716	ng		97
3) Pyridine	3.614	79	1012589	37.841	ng		99
4) n-Nitrosodimethylamine	3.525	42	386624	38.659	ng		95
6) Aniline	6.996	93	1429642	37.257	ng		98
8) 2-Chlorophenol	7.231	128	1038179	39.953	ng		100
9) Benzaldehyde	6.813	77	773521	50.789	ng		98
10) Phenol	6.872	94	1195360	38.180	ng		98
11) bis(2-Chloroethyl)ether	7.090	93	951589	38.818	ng		99
12) 1,3-Dichlorobenzene	7.549	146	1120087	40.010	ng		100
13) 1,4-Dichlorobenzene	7.696	146	1128103	39.990	ng		99
14) 1,2-Dichlorobenzene	8.008	146	1084594	40.039	ng		99
15) Benzyl Alcohol	7.896	79	824070	38.704	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1360377	39.514	ng		100
17) 2-Methylphenol	8.096	107	830171	38.952	ng		99
18) Hexachloroethane	8.725	117	419059	40.828	ng		98
19) n-Nitroso-di-n-propyla...	8.460	70	700022	38.772	ng		98
20) 3+4-Methylphenols	8.419	107	1118220	37.863	ng		99
22) Acetophenone	8.466	105	1494530	39.028	ng	#	99
24) Nitrobenzene	8.837	77	1068817	39.838	ng		100
25) Isophorone	9.366	82	2018408	38.387	ng		99
26) 2-Nitrophenol	9.543	139	567878	41.830	ng		98
27) 2,4-Dimethylphenol	9.607	122	846975	34.599	ng		99
28) bis(2-Chloroethoxy)met...	9.837	93	1282737	38.953	ng		98
29) 2,4-Dichlorophenol	10.072	162	979839	40.048	ng		99
30) 1,2,4-Trichlorobenzene	10.290	180	1023381	41.076	ng		99
31) Naphthalene	10.472	128	3196553	39.259	ng		99
32) Benzoic acid	9.755	122	715724	34.719	ng		96
33) 4-Chloroaniline	10.572	127	1293137	37.346	ng		99
34) Hexachlorobutadiene	10.760	225	688798	42.508	ng		98
35) Caprolactam	11.366	113	298746	34.099	ng		95
36) 4-Chloro-3-methylphenol	11.707	107	999462	38.434	ng		99
37) 2-Methylnaphthalene	12.084	142	2250929	38.996	ng		99
38) 1-Methylnaphthalene	12.307	142	2215450	39.267	ng		99
40) 1,2,4,5-Tetrachloroben...	12.454	216	1189177	42.710	ng		99
41) Hexachlorocyclopentadiene	12.443	237	577673	31.702	ng		99
43) 2,4,6-Trichlorophenol	12.696	196	791283	41.454	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026224.D
Acq On : 03 Dec 2025 12:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Dec 03 13:21:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

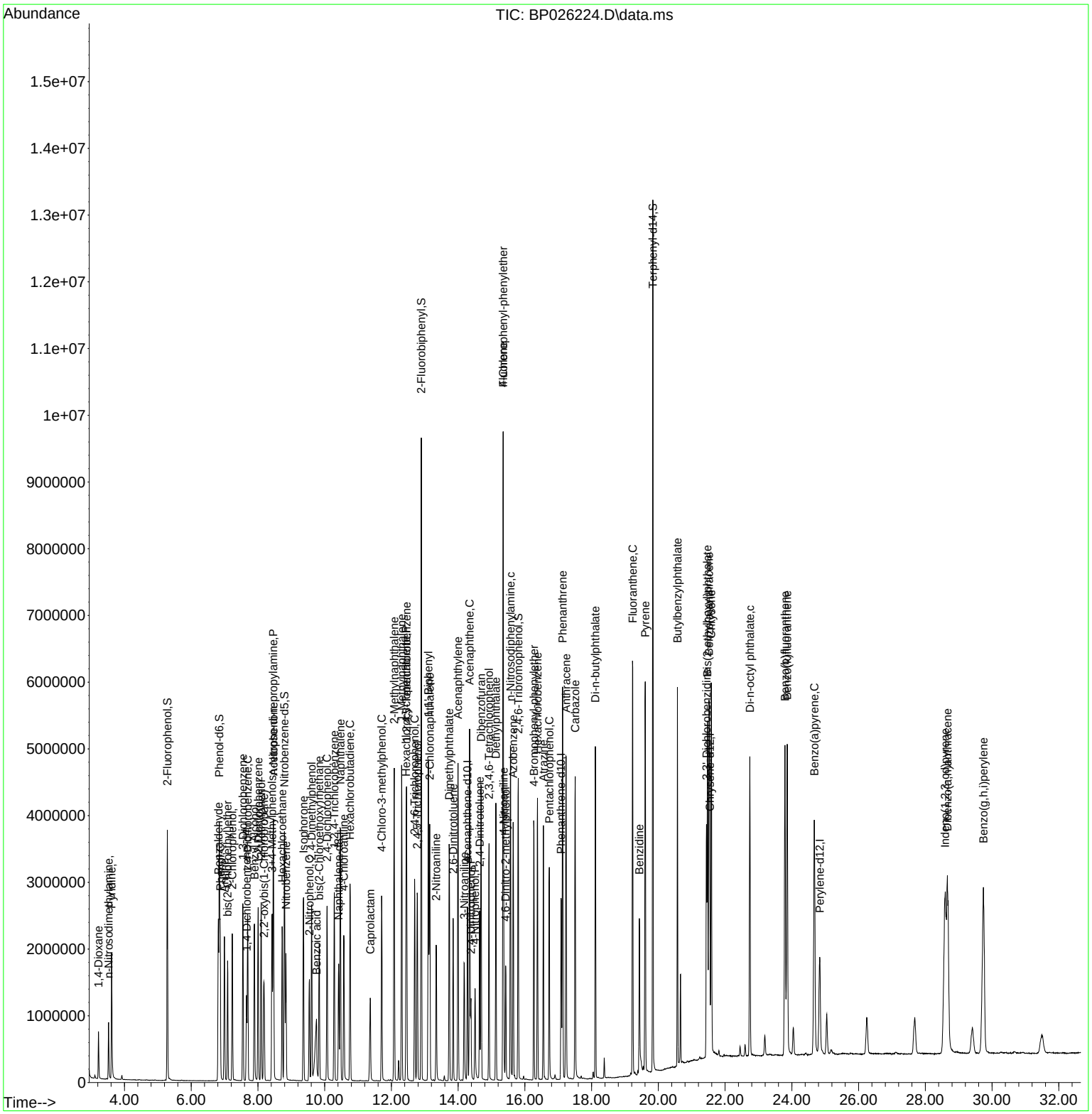
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	874751	41.054	ng	99
46) 1,1'-Biphenyl	13.107	154	2809186	40.515	ng	99
47) 2-Chloronaphthalene	13.148	162	2219775	40.712	ng	100
48) 2-Nitroaniline	13.343	65	584071	38.522	ng	94
49) Acenaphthylene	13.995	152	3548725	39.459	ng	100
50) Dimethylphthalate	13.731	163	2668438	38.799	ng	99
51) 2,6-Dinitrotoluene	13.848	165	561094	41.173	ng	99
52) Acenaphthene	14.342	154	2080894m	39.482	ng	
53) 3-Nitroaniline	14.184	138	576011	35.899	ng	96
54) 2,4-Dinitrophenol	14.384	184	300392	36.517	ng	94
55) Dibenzofuran	14.690	168	3201397	39.217	ng	99
56) 4-Nitrophenol	14.507	139	467538	32.210	ng	96
57) 2,4-Dinitrotoluene	14.642	165	777086	38.190	ng	99
58) Fluorene	15.348	166	2454327	38.038	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.925	232	707322	39.130	ng	99
60) Diethylphthalate	15.131	149	2622122	37.847	ng	100
61) 4-Chlorophenyl-phenyle...	15.348	204	1274639	39.704	ng	98
62) 4-Nitroaniline	15.366	138	547074	32.834	ng	95
63) Azobenzene	15.648	77	2195633	37.585	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	430204	40.804	ng	97
66) n-Nitrosodiphenylamine	15.566	169	2182221	42.507	ng	100
67) 4-Bromophenyl-phenylether	16.272	248	807367	43.928	ng	100
68) Hexachlorobenzene	16.378	284	931137	43.660	ng	97
69) Atrazine	16.554	200	740585	38.255	ng	98
70) Pentachlorophenol	16.731	266	594180	39.828	ng	100
71) Phenanthrene	17.131	178	3727131	39.867	ng	100
72) Anthracene	17.236	178	3862919	40.511	ng	100
73) Carbazole	17.507	167	3312274	36.573	ng	100
74) Di-n-butylphthalate	18.113	149	4063991	37.851	ng	99
75) Fluoranthene	19.230	202	4032816	35.504	ng	98
77) Benzidine	19.430	184	1792217	39.274	ng	100
78) Pyrene	19.607	202	4113429	43.629	ng	99
80) Butylbenzylphthalate	20.572	149	1649583	39.729	ng	98
81) Benzo(a)anthracene	21.519	228	3882169	39.311	ng	99
82) 3,3'-Dichlorobenzidine	21.442	252	1393078	38.791	ng	99
83) Chrysene	21.583	228	3729438	40.071	ng	100
84) Bis(2-ethylhexyl)phtha...	21.472	149	2427378	38.620	ng	99
85) Di-n-octyl phthalate	22.742	149	4199907	38.214	ng	99
87) Indeno(1,2,3-cd)pyrene	28.595	276	5626560	43.076	ng	98
88) Benzo(b)fluoranthene	23.795	252	4128923	38.928	ng	99
89) Benzo(k)fluoranthene	23.860	252	4283449	40.433	ng	100
90) Benzo(a)pyrene	24.671	252	4062346	40.435	ng	99
91) Dibenzo(a,h)anthracene	28.659	278	4582899	42.861	ng	99
92) Benzo(g,h,i)perylene	29.742	276	4568659	42.988	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026224.D
Acq On : 03 Dec 2025 12:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Dec 03 13:21:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



Sample Results: **BP026224.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026224.D
Acq On : 03 Dec 2025 12:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Dec 03 13:21:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	-0.01
2		1,4-Dioxane	0.505	0.489	3.2	109	0.00
3		Pyridine	1.461	1.382	5.4	104	0.00
4		n-Nitrosodimethylamine	0.546	0.528	3.3	106	0.00
5	S	2-Fluorophenol	1.246	1.193	4.3	104	0.00
6		Aniline	2.094	1.951	6.8	100	0.00
7	S	Phenol-d6	1.586	1.518	4.3	102	-0.01
8		2-Chlorophenol	1.418	1.417	0.1	108	-0.01
9		Benzaldehyde	0.831	1.056	-27.1#	124	0.00
10	C	Phenol	1.709	1.631	4.6	101	0.00
11		bis(2-Chloroethyl)ether	1.338	1.298	3.0	104	0.00
12		1,3-Dichlorobenzene	1.528	1.528	0.0	109	-0.02
13	C	1,4-Dichlorobenzene	1.540	1.539	0.1	109	0.00
14		1,2-Dichlorobenzene	1.479	1.480	-0.1	109	0.00
15		Benzyl Alcohol	1.162	1.124	3.3	103	-0.01
16		2,2'-oxybis(1-Chloropropane	1.879	1.856	1.2	105	-0.02
17		2-Methylphenol	1.163	1.133	2.6	103	-0.02
18		Hexachloroethane	0.560	0.572	-2.1	110	-0.02
19	P	n-Nitroso-di-n-propylamine	0.985	0.955	3.0	101	-0.01
20		3+4-Methylphenols	1.612	1.526	5.3	102	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	106	-0.03
22		Acetophenone	0.508	0.496	2.4	104	-0.02
23	S	Nitrobenzene-d5	0.352	0.349	0.9	104	-0.02
24		Nitrobenzene	0.356	0.355	0.3	105	-0.02
25		Isophorone	0.698	0.670	4.0	100	-0.02
26	C	2-Nitrophenol	0.180	0.188	-4.4	106	-0.02
27		2,4-Dimethylphenol	0.325	0.281	13.5	91	-0.02
28		bis(2-Chloroethoxy)methane	0.437	0.426	2.5	103	-0.02
29	C	2,4-Dichlorophenol	0.325	0.325	0.0	104	-0.02
30		1,2,4-Trichlorobenzene	0.331	0.340	-2.7	109	-0.02
31		Naphthalene	1.081	1.061	1.9	105	-0.02
32		Benzoic acid	0.274	0.238	13.1	91	-0.01
33		4-Chloroaniline	0.460	0.429	6.7	96	-0.02
34	C	Hexachlorobutadiene	0.215	0.229	-6.5	113	-0.04
35		Caprolactam	0.116	0.099	14.7	90	-0.01
36	C	4-Chloro-3-methylphenol	0.345	0.332	3.8	99	-0.02
37		2-Methylnaphthalene	0.766	0.747	2.5	102	-0.03
38		1-Methylnaphthalene	0.749	0.735	1.9	102	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	99	-0.05
40		1,2,4,5-Tetrachlorobenzene	0.605	0.646	-6.8	107	-0.04
41	P	Hexachlorocyclopentadiene	0.396	0.314	20.7	78	-0.03
42	S	2,4,6-Tribromophenol	0.259	0.254	1.9	95	-0.04
43	C	2,4,6-Trichlorophenol	0.415	0.430	-3.6	101	-0.03
44		2,4,5-Trichlorophenol	0.463	0.475	-2.6	100	-0.03
45	S	2-Fluorobiphenyl	1.365	1.409	-3.2	104	-0.04
46		1,1'-Biphenyl	1.506	1.525	-1.3	101	-0.03
47		2-Chloronaphthalene	1.184	1.205	-1.8	102	-0.04

Sample Results: **BP026224.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026224.D
Acq On : 03 Dec 2025 12:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Dec 03 13:21:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.329	0.317	3.6	93	-0.04
49		Acenaphthylene	1.953	1.927	1.3	98	-0.04
50		Dimethylphthalate	1.494	1.449	3.0	96	-0.04
51		2,6-Dinitrotoluene	0.296	0.305	-3.0	95	-0.04
52	C	Acenaphthene	1.145	1.130	1.3	98	-0.04
53		3-Nitroaniline	0.349	0.313	10.3	85	-0.04
54	P	2,4-Dinitrophenol	0.179	0.163	8.9	87	-0.05
55		Dibenzofuran	1.773	1.738	2.0	97	-0.04
56	P	4-Nitrophenol	0.315	0.254	19.4	79	-0.04
57		2,4-Dinitrotoluene	0.442	0.422	4.5	89	-0.05
58		Fluorene	1.401	1.333	4.9	95	-0.04
59		2,3,4,6-Tetrachlorophenol	0.393	0.384	2.3	95	-0.04
60		Diethylphthalate	1.505	1.424	5.4	92	-0.04
61		4-Chlorophenyl-phenylether	0.697	0.692	0.7	99	-0.04
62		4-Nitroaniline	0.362	0.297	18.0	80	-0.04
63		Azobenzene	1.269	1.192	6.1	91	-0.04
64	I	Phenanthrene-d10	1.000	1.000	0.0	88	-0.05
65		4,6-Dinitro-2-methylphenol	0.127	0.130	-2.4	85	-0.04
66	c	n-Nitrosodiphenylamine	0.619	0.657	-6.1	93	-0.04
67		4-Bromophenyl-phenylether	0.221	0.243	-10.0	94	-0.04
68		Hexachlorobenzene	0.257	0.281	-9.3	94	-0.05
69		Atrazine	0.233	0.223	4.3	83	-0.04
70	C	Pentachlorophenol	0.180	0.179	0.6	86	-0.05
71		Phenanthrene	1.127	1.123	0.4	88	-0.05
72		Anthracene	1.149	1.164	-1.3	88	-0.04
73		Carbazole	1.091	0.998	8.5	80	-0.04
74		Di-n-butylphthalate	1.294	1.224	5.4	80	-0.05
75	C	Fluoranthene	1.369	1.215	11.2	78	-0.04
76	I	Chrysene-d12	1.000	1.000	0.0	72	-0.03
77		Benzidine	0.635	0.623	1.9	73	-0.04
78		Pyrene	1.311	1.430	-9.1	77	-0.04
79	S	Terphenyl-d14	0.981	1.089	-11.0	79	-0.04
80		Butylbenzylphthalate	0.578	0.574	0.7	68	-0.04
81		Benzo(a)anthracene	1.374	1.350	1.7	71	-0.04
82		3,3'-Dichlorobenzidine	0.500	0.484	3.2	70	-0.05
83		Chrysene	1.295	1.297	-0.2	73	-0.04
84		Bis(2-ethylhexyl)phthalate	0.874	0.844	3.4	65	-0.05
85	c	Di-n-octyl phthalate	1.529	1.460	4.5	66	-0.06
86	I	Perylene-d12	1.000	1.000	0.0	78	-0.07
87		Indeno(1,2,3-cd)pyrene	1.500	1.615	-7.7	83	-0.11
88		Benzo(b)fluoranthene	1.218	1.185	2.7	74	-0.07
89		Benzo(k)fluoranthene	1.217	1.230	-1.1	79	-0.08
90	C	Benzo(a)pyrene	1.154	1.166	-1.0	78	-0.08
91		Dibenzo(a,h)anthracene	1.228	1.316	-7.2	83	-0.14
92		Benzo(g,h,i)perylene	1.220	1.312	-7.5	83	-0.14

Sample Results: **BP026224.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026224.D
Acq On : 03 Dec 2025 12:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Dec 03 13:21:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BP026224.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026224.D
Acq On : 03 Dec 2025 12:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Dec 03 13:21:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	109	-0.01
2		1,4-Dioxane	40.000	38.716	3.2	109	0.00
3		Pyridine	40.000	37.841	5.4	104	0.00
4		n-Nitrosodimethylamine	40.000	38.659	3.4	106	0.00
5	S	2-Fluorophenol	80.000	76.617	4.2	104	0.00
6		Aniline	40.000	37.257	6.9	100	0.00
7	S	Phenol-d6	80.000	76.531	4.3	102	-0.01
8		2-Chlorophenol	40.000	39.953	0.1	108	-0.01
9		Benzaldehyde	40.000	50.789	-27.0#	124	0.00
10	C	Phenol	40.000	38.180	4.6	101	0.00
11		bis(2-Chloroethyl)ether	40.000	38.818	3.0	104	0.00
12		1,3-Dichlorobenzene	40.000	40.010	-0.0	109	-0.02
13	C	1,4-Dichlorobenzene	40.000	39.990	0.0	109	0.00
14		1,2-Dichlorobenzene	40.000	40.039	-0.1	109	0.00
15		Benzyl Alcohol	40.000	38.704	3.2	103	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	39.514	1.2	105	-0.02
17		2-Methylphenol	40.000	38.952	2.6	103	-0.02
18		Hexachloroethane	40.000	40.828	-2.1	110	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	38.772	3.1	101	-0.01
20		3+4-Methylphenols	40.000	37.863	5.3	102	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	106	-0.03
22		Acetophenone	40.000	39.028	2.4	104	-0.02
23	S	Nitrobenzene-d5	80.000	79.258	0.9	104	-0.02
24		Nitrobenzene	40.000	39.838	0.4	105	-0.02
25		Isophorone	40.000	38.387	4.0	100	-0.02
26	C	2-Nitrophenol	40.000	41.830	-4.6	106	-0.02
27		2,4-Dimethylphenol	40.000	34.599	13.5	91	-0.02
28		bis(2-Chloroethoxy)methane	40.000	38.953	2.6	103	-0.02
29	C	2,4-Dichlorophenol	40.000	40.048	-0.1	104	-0.02
30		1,2,4-Trichlorobenzene	40.000	41.076	-2.7	109	-0.02
31		Naphthalene	40.000	39.259	1.9	105	-0.02
32		Benzoic acid	40.000	34.719	13.2	91	-0.01
33		4-Chloroaniline	40.000	37.346	6.6	96	-0.02
34	C	Hexachlorobutadiene	40.000	42.508	-6.3	113	-0.04
35		Caprolactam	40.000	34.099	14.8	90	-0.01
36	C	4-Chloro-3-methylphenol	40.000	38.434	3.9	99	-0.02
37		2-Methylnaphthalene	40.000	38.996	2.5	102	-0.03
38		1-Methylnaphthalene	40.000	39.267	1.8	102	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	99	-0.05
40		1,2,4,5-Tetrachlorobenzene	40.000	42.710	-6.8	107	-0.04
41	P	Hexachlorocyclopentadiene	40.000	31.702	20.7	78	-0.03
42	S	2,4,6-Tribromophenol	80.000	78.325	2.1	95	-0.04
43	C	2,4,6-Trichlorophenol	40.000	41.454	-3.6	101	-0.03
44		2,4,5-Trichlorophenol	40.000	41.054	-2.6	100	-0.03
45	S	2-Fluorobiphenyl	80.000	82.615	-3.3	104	-0.04
46		1,1'-Biphenyl	40.000	40.515	-1.3	101	-0.03
47		2-Chloronaphthalene	40.000	40.712	-1.8	102	-0.04

Sample Results: **BP026224.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026224.D
Acq On : 03 Dec 2025 12:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Dec 03 13:21:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	38.522	3.7	93	-0.04
49		Acenaphthylene	40.000	39.459	1.4	98	-0.04
50		Dimethylphthalate	40.000	38.799	3.0	96	-0.04
51		2,6-Dinitrotoluene	40.000	41.173	-2.9	95	-0.04
52	C	Acenaphthene	40.000	39.482	1.3	98	-0.04
53		3-Nitroaniline	40.000	35.899	10.3	85	-0.04
54	P	2,4-Dinitrophenol	40.000	36.517	8.7	87	-0.05
55		Dibenzofuran	40.000	39.217	2.0	97	-0.04
56	P	4-Nitrophenol	40.000	32.210	19.5	79	-0.04
57		2,4-Dinitrotoluene	40.000	38.190	4.5	89	-0.05
58		Fluorene	40.000	38.038	4.9	95	-0.04
59		2,3,4,6-Tetrachlorophenol	40.000	39.130	2.2	95	-0.04
60		Diethylphthalate	40.000	37.847	5.4	92	-0.04
61		4-Chlorophenyl-phenylether	40.000	39.704	0.7	99	-0.04
62		4-Nitroaniline	40.000	32.834	17.9	80	-0.04
63		Azobenzene	40.000	37.585	6.0	91	-0.04
64	I	Phenanthrene-d10	20.000	20.000	0.0	88	-0.05
65		4,6-Dinitro-2-methylphenol	40.000	40.804	-2.0	85	-0.04
66	c	n-Nitrosodiphenylamine	40.000	42.507	-6.3	93	-0.04
67		4-Bromophenyl-phenylether	40.000	43.928	-9.8	94	-0.04
68		Hexachlorobenzene	40.000	43.660	-9.1	94	-0.05
69		Atrazine	40.000	38.255	4.4	83	-0.04
70	C	Pentachlorophenol	40.000	39.828	0.4	86	-0.05
71		Phenanthrene	40.000	39.867	0.3	88	-0.05
72		Anthracene	40.000	40.511	-1.3	88	-0.04
73		Carbazole	40.000	36.573	8.6	80	-0.04
74		Di-n-butylphthalate	40.000	37.851	5.4	80	-0.05
75	C	Fluoranthene	40.000	35.504	11.2	78	-0.04
76	I	Chrysene-d12	20.000	20.000	0.0	72	-0.03
77		Benzidine	40.000	39.274	1.8	73	-0.04
78		Pyrene	40.000	43.629	-9.1	77	-0.04
79	S	Terphenyl-d14	80.000	88.783	-11.0	79	-0.04
80		Butylbenzylphthalate	40.000	39.729	0.7	68	-0.04
81		Benzo(a)anthracene	40.000	39.311	1.7	71	-0.04
82		3,3'-Dichlorobenzidine	40.000	38.791	3.0	70	-0.05
83		Chrysene	40.000	40.071	-0.2	73	-0.04
84		Bis(2-ethylhexyl)phthalate	40.000	38.620	3.5	65	-0.05
85	c	Di-n-octyl phthalate	40.000	38.214	4.5	66	-0.06
86	I	Perylene-d12	20.000	20.000	0.0	78	-0.07
87		Indeno(1,2,3-cd)pyrene	40.000	43.076	-7.7	83	-0.11
88		Benzo(b)fluoranthene	40.000	38.928	2.7	74	-0.07
89		Benzo(k)fluoranthene	40.000	40.433	-1.1	79	-0.08
90	C	Benzo(a)pyrene	40.000	40.435	-1.1	78	-0.08
91		Dibenzo(a,h)anthracene	40.000	42.861	-7.2	83	-0.14
92		Benzo(g,h,i)perylene	40.000	42.988	-7.5	83	-0.14

Sample Results: **BP026224.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026224.D
Acq On : 03 Dec 2025 12:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Dec 03 13:21:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

QC SAMPLE DATA

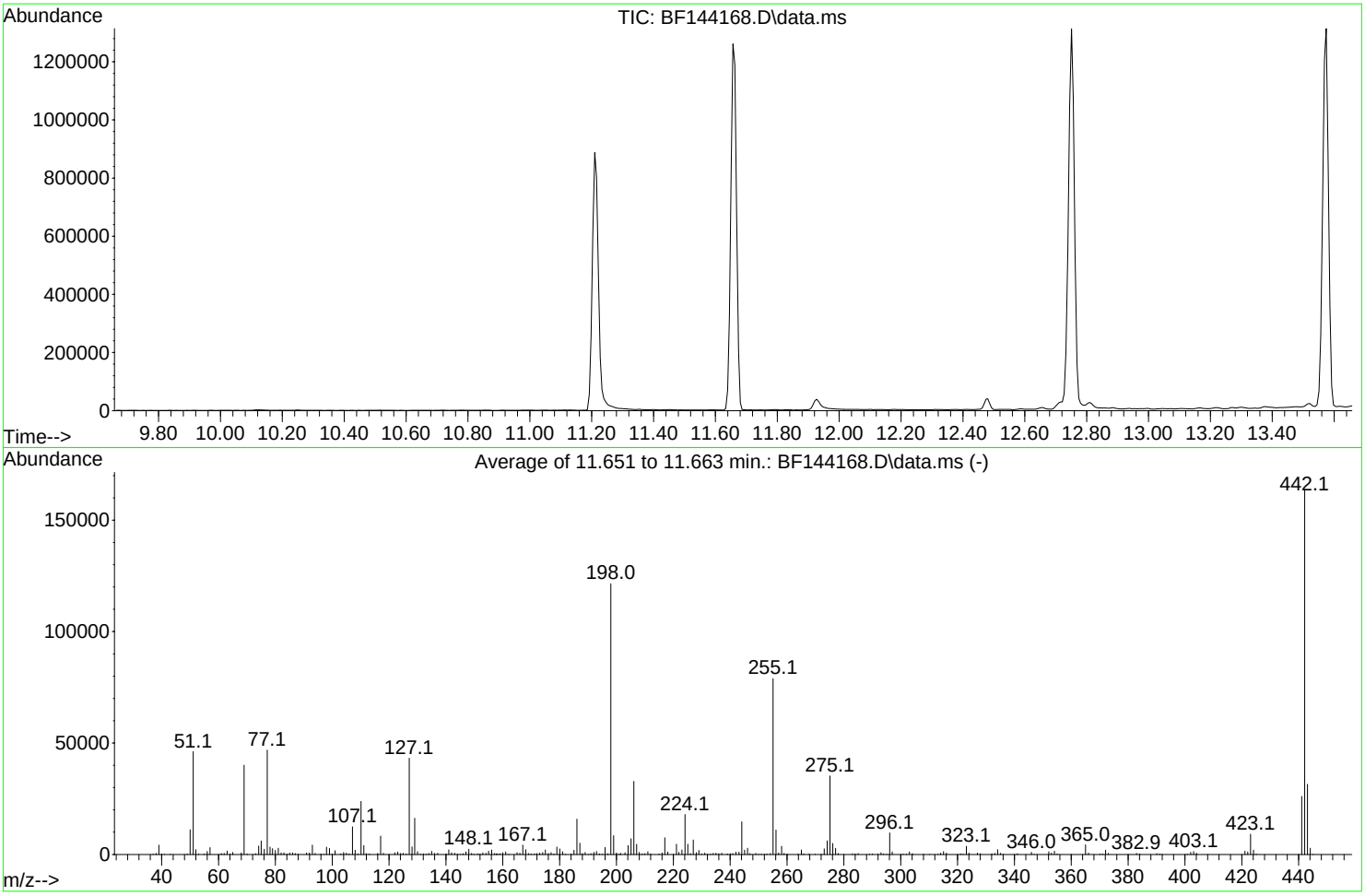
Sample Results: **BF144168.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025



AutoFind: Scans 1608, 1609, 1610; Background Corrected with Scan 1602

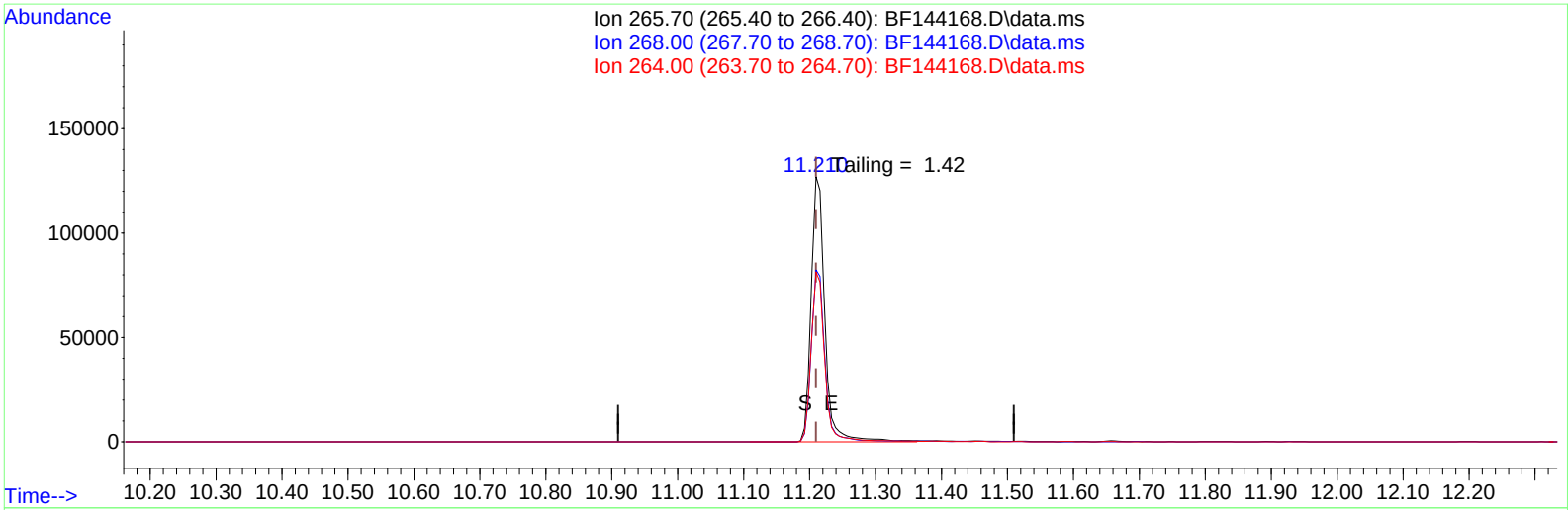
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.8	709	PASS
69	69	100	100	100.0	40048	PASS
70	69	0.00	2	0.6	222	PASS
197	198	0.00	2	0.3	378	PASS
198	198	100	100	100.0	121493	PASS
199	198	5	9	6.9	8441	PASS
365	198	1	100	3.6	4315	PASS
441	443	0.01	150	82.6	26027	PASS
442	442	100	100	100.0	163299	PASS
443	442	15	24	19.3	31501	PASS

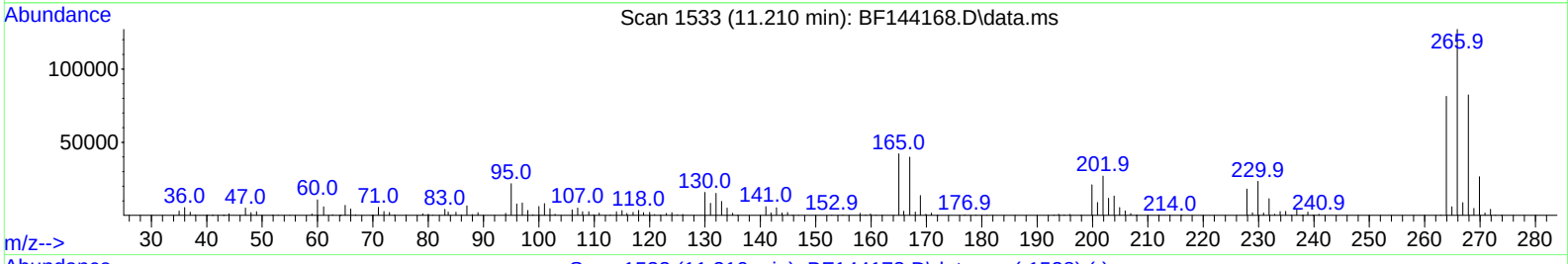
Sample Results: **BF144168.D**

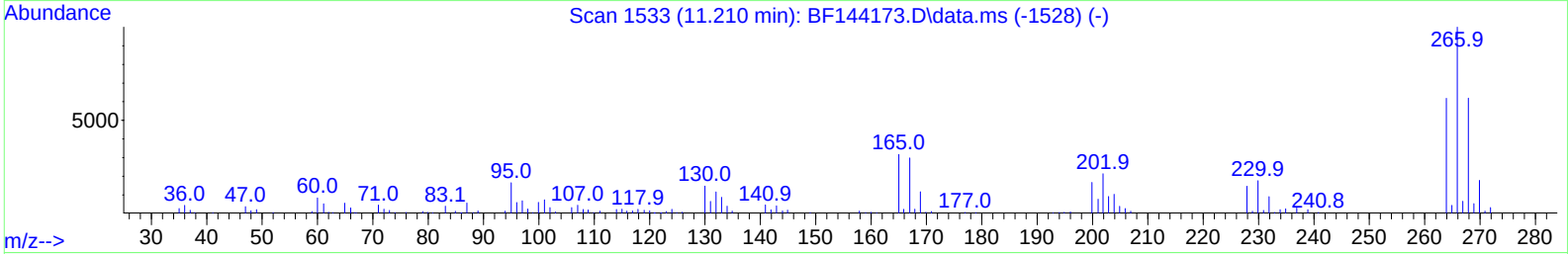
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 05 15:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 15:17:46 2025
Response via : Initial Calibration







TIC: BF144168.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.000) 39632.00 ng

response 182948

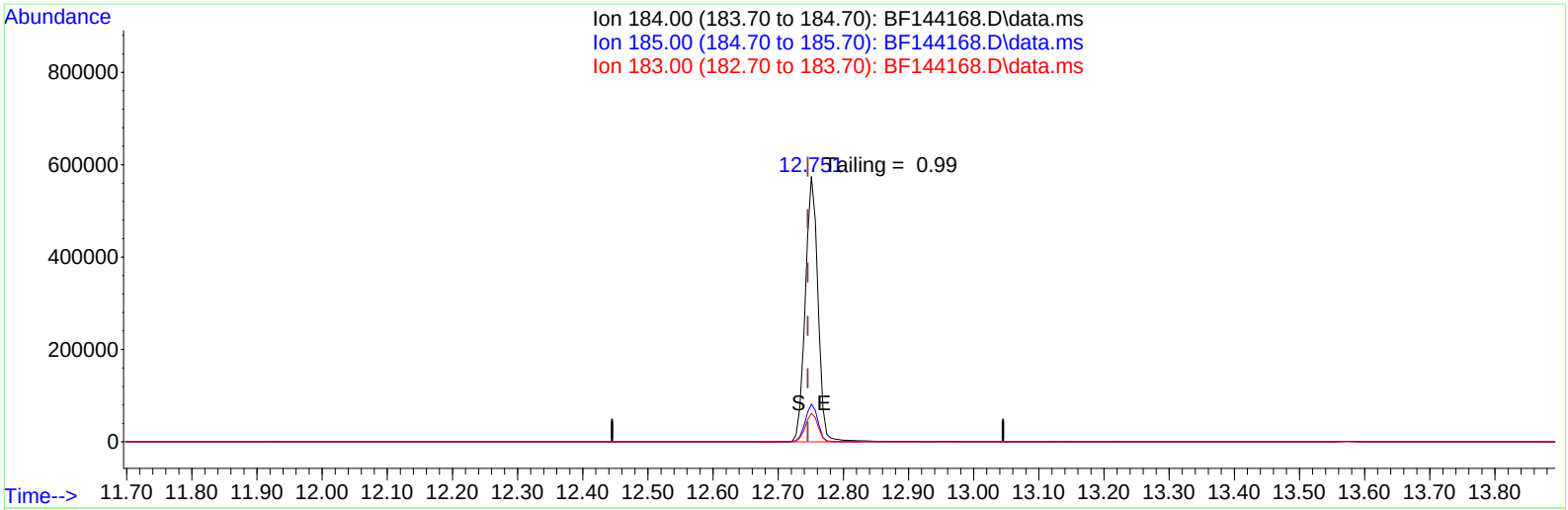
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	64.79
264.00	61.80	64.01
0.00	0.00	0.00

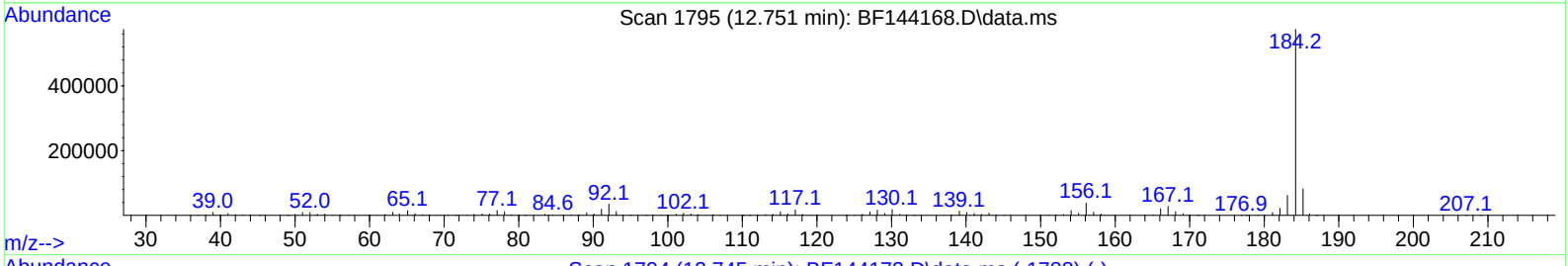
Sample Results: **BF144168.D**

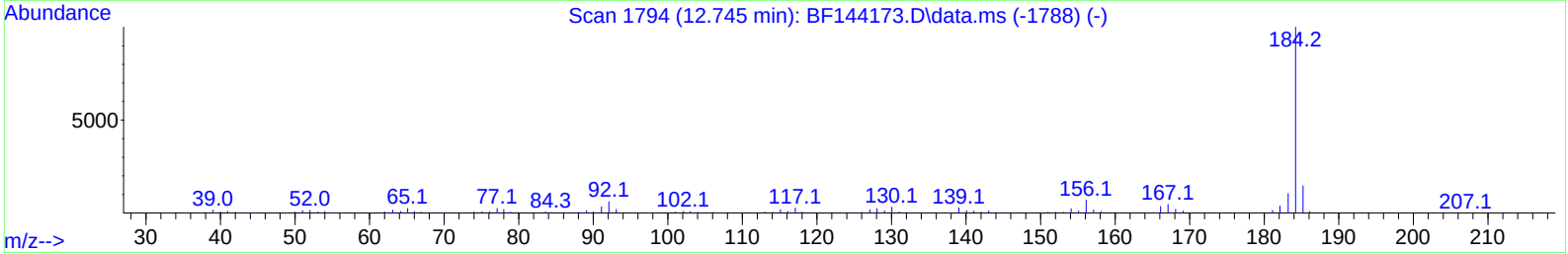
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 05 15:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 15:17:46 2025
Response via : Initial Calibration







TIC: BF144168.D\data.ms

(77) Benzidine

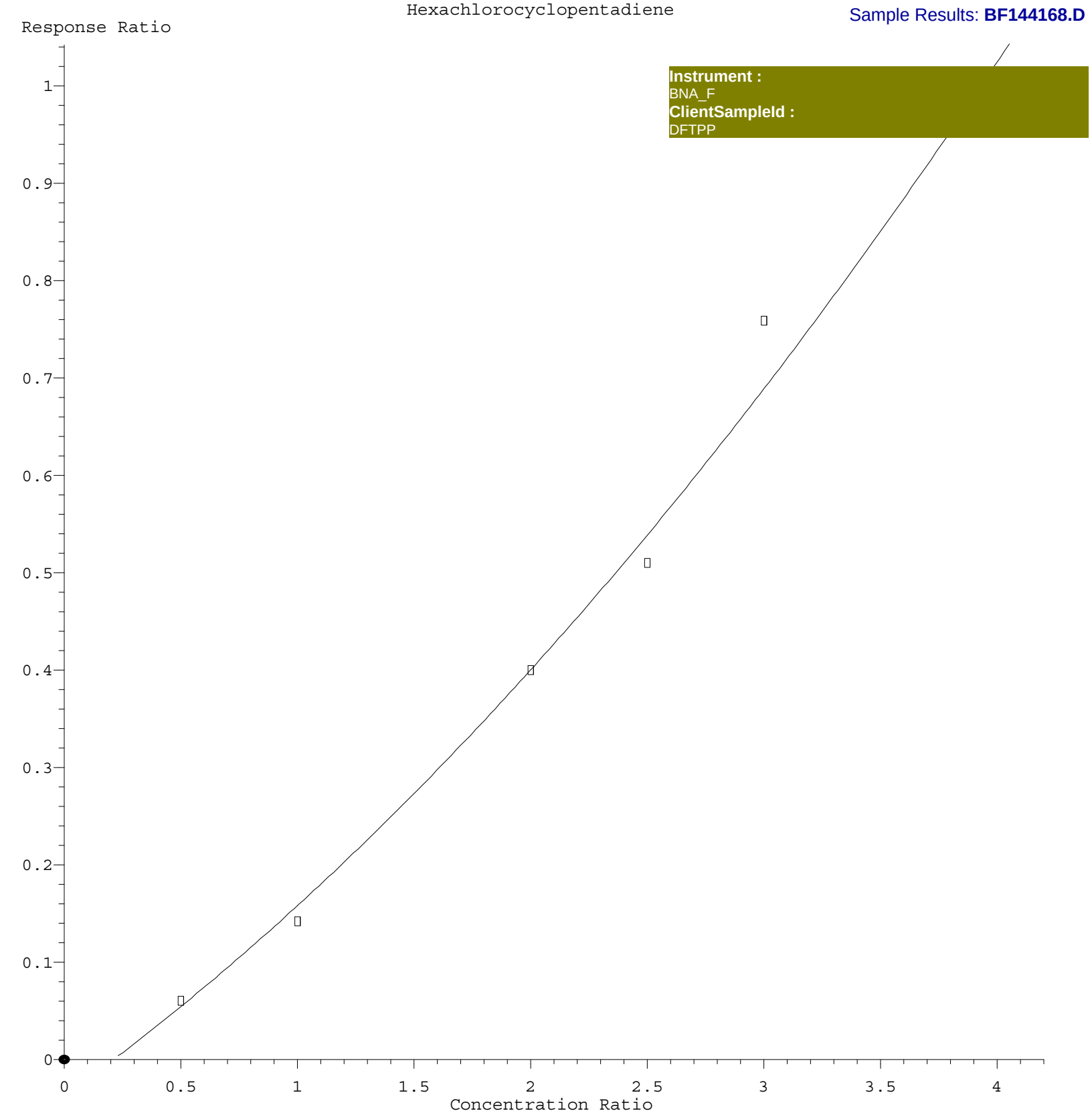
12.751min (+ 0.006) 0.00 ng

response 777212

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.24
183.00	10.40	10.75
0.00	0.00	0.00

Hexachlorocyclopentadiene

Sample Results: **BF144168.D**



R = 2.331e-002 A*A + 1.722e-001 A - 3.751e-002
Coef of Det (r^2) = 0.992660 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF110525.M
Calibration Table Last Updated: Wed Nov 05 18:37:33 2025

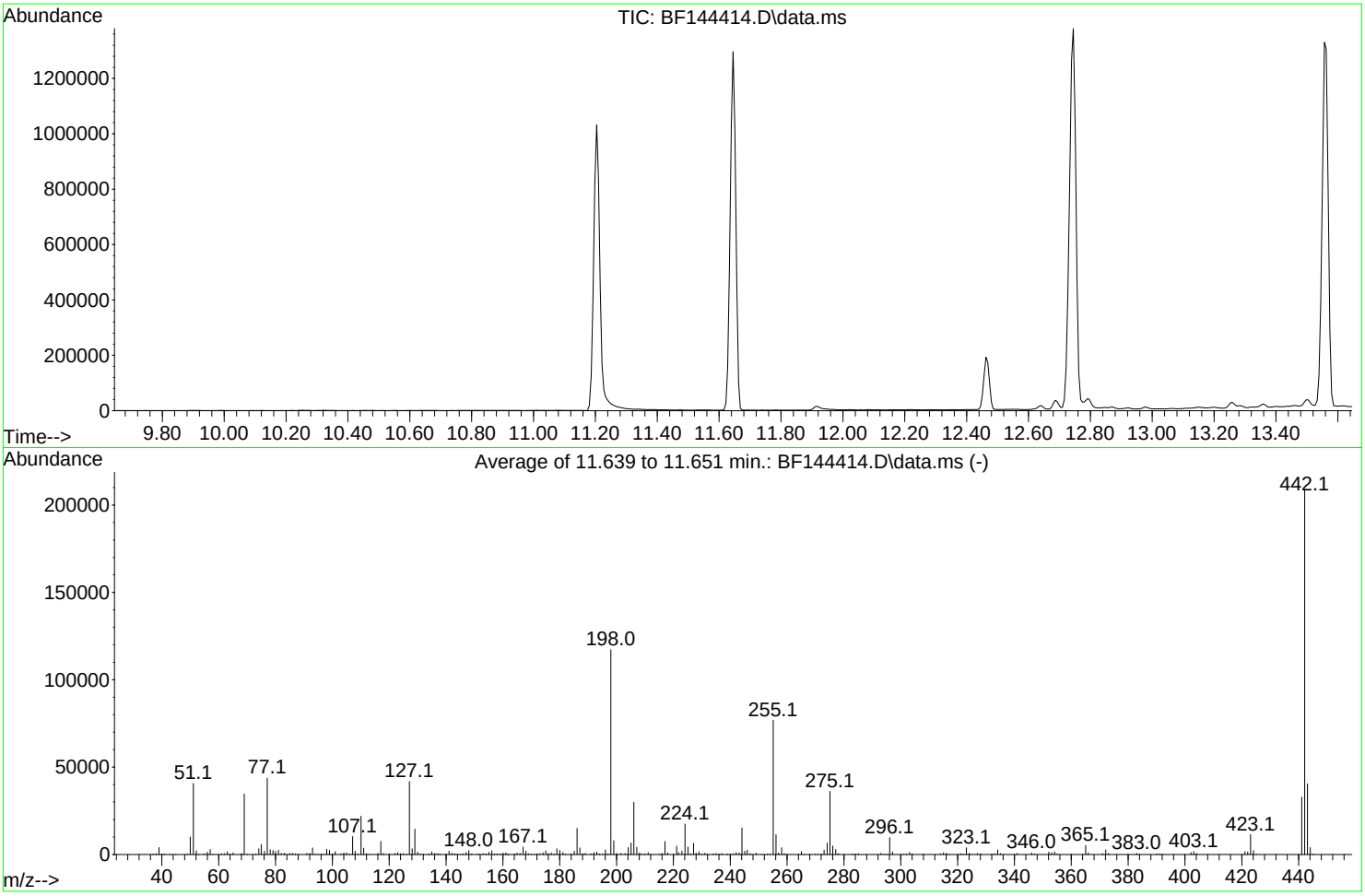
Sample Results: **BF144414.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144414.D
Acq On : 03 Dec 2025 11:56
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025



AutoFind: Scans 1606, 1607, 1608; Background Corrected with Scan 1599

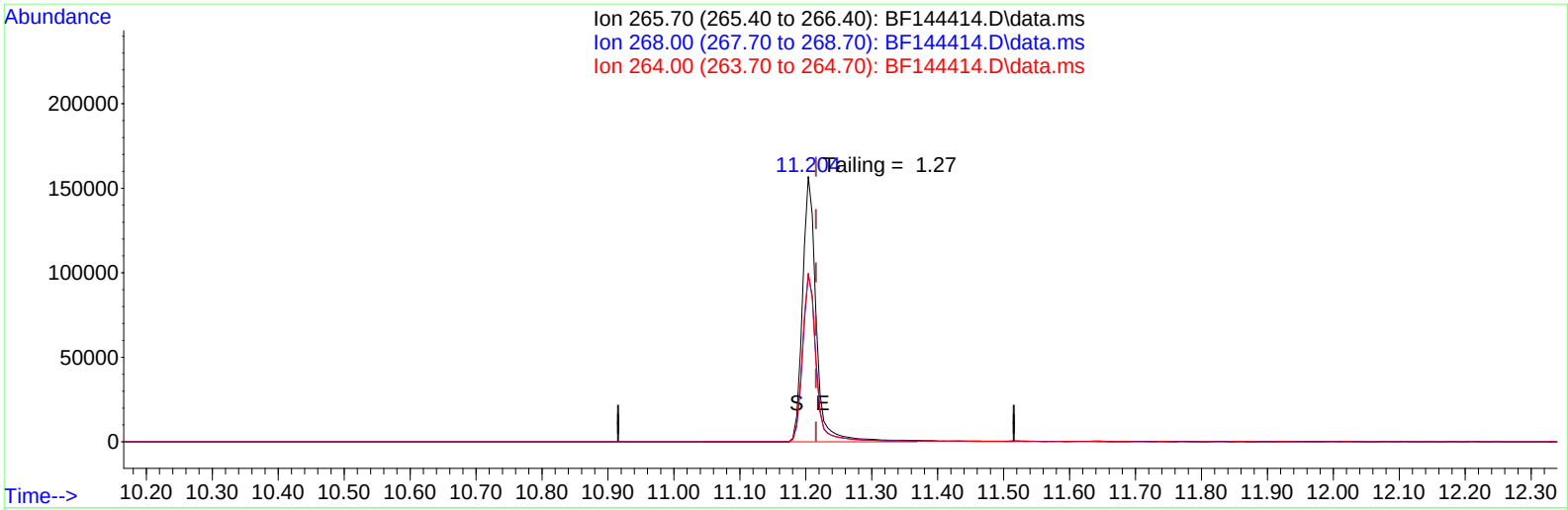
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	589	PASS
69	69	100	100	100.0	34621	PASS
70	69	0.00	2	0.4	137	PASS
197	198	0.00	2	0.3	356	PASS
198	198	100	100	100.0	117253	PASS
199	198	5	9	6.8	7917	PASS
365	198	1	100	4.4	5188	PASS
441	443	0.01	150	81.0	32803	PASS
442	442	100	100	100.0	208341	PASS
443	442	15	24	19.4	40475	PASS

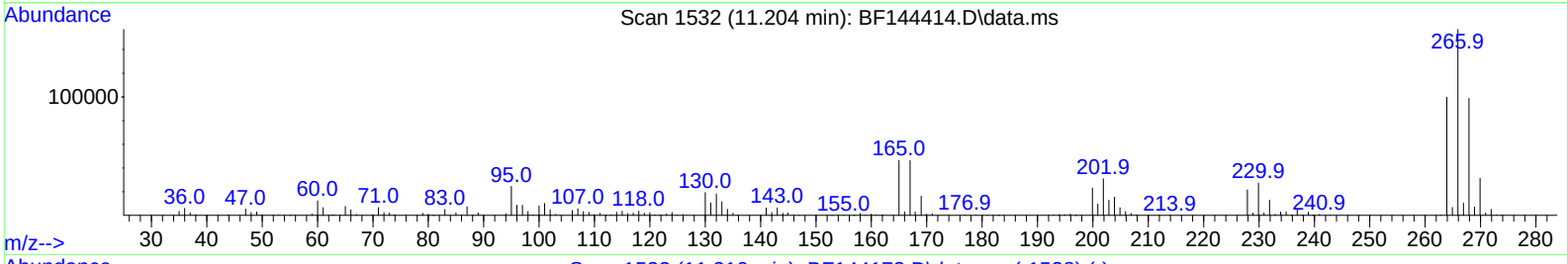
Sample Results: **BF144414.D**

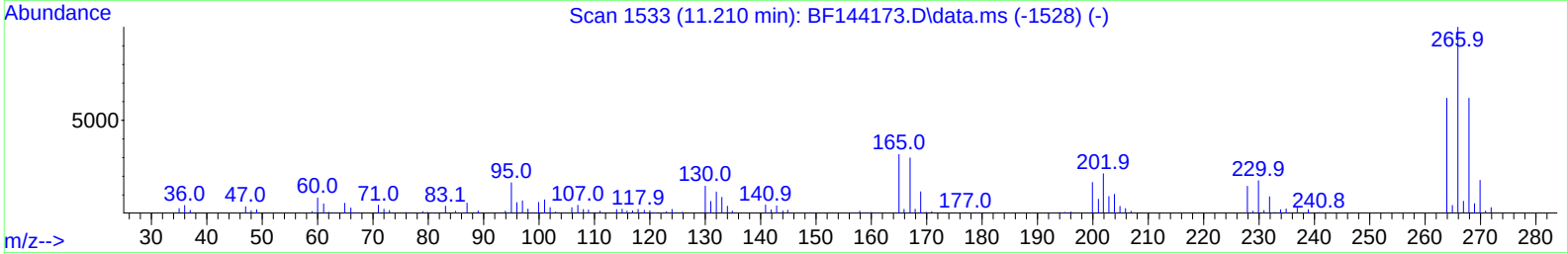
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144414.D
Acq On : 03 Dec 2025 11:56
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 03 12:18:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration







TIC: BF144414.D\data.ms

(70) Pentachlorophenol (C)

11.204min (-0.012) 45959.22 ng

response 226746

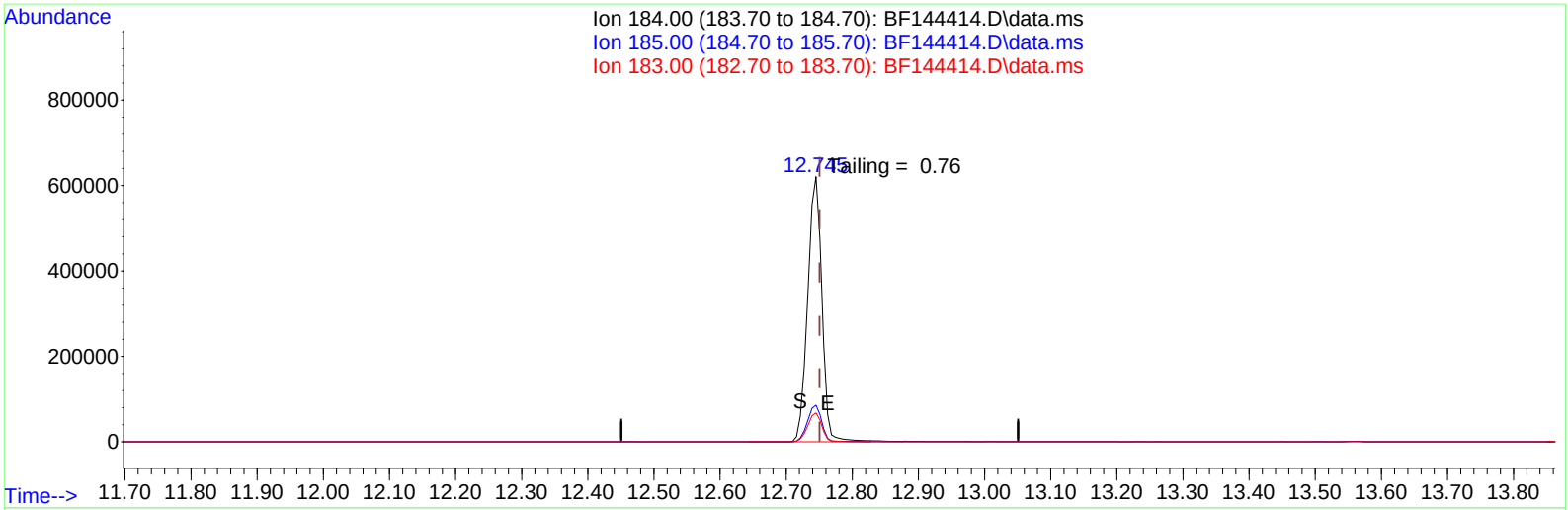
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	63.03
264.00	61.80	63.54
0.00	0.00	0.00

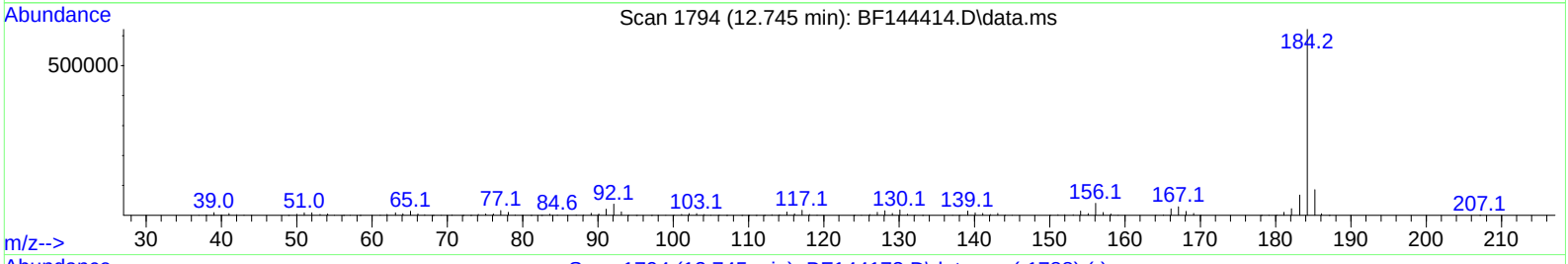
Sample Results: **BF144414.D**

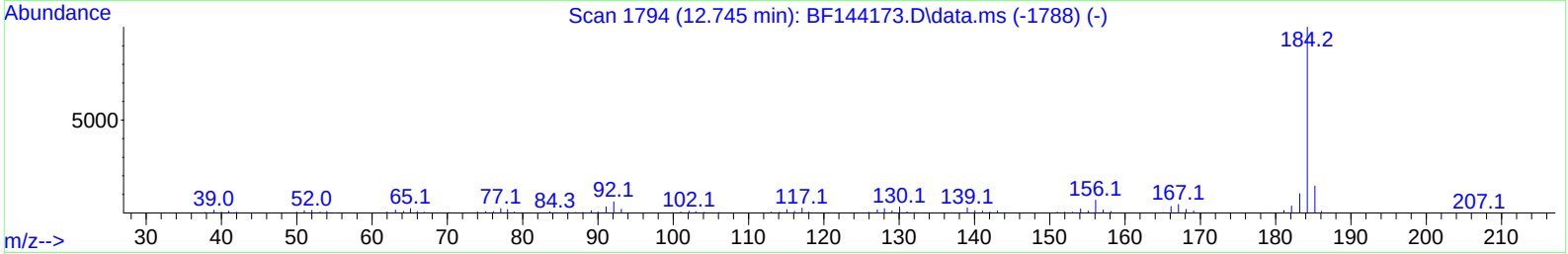
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144414.D
Acq On : 03 Dec 2025 11:56
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 03 12:18:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration







TIC: BF144414.D\data.ms

(77) Benzidine

12.745min (-0.006) 26690.04 ng m

response 925262

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	13.84
183.00	10.40	10.90
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
12/3/2025	BNA_F	BF144414.D
Compound Name	**Response**	**Retention Time**
DDT	394746	13.563
DDD	9602	13.257
DDE	998	12.921
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
10600	405346	2.62

Instrument :
BNA_F
ClientSampleId :
DFTPP

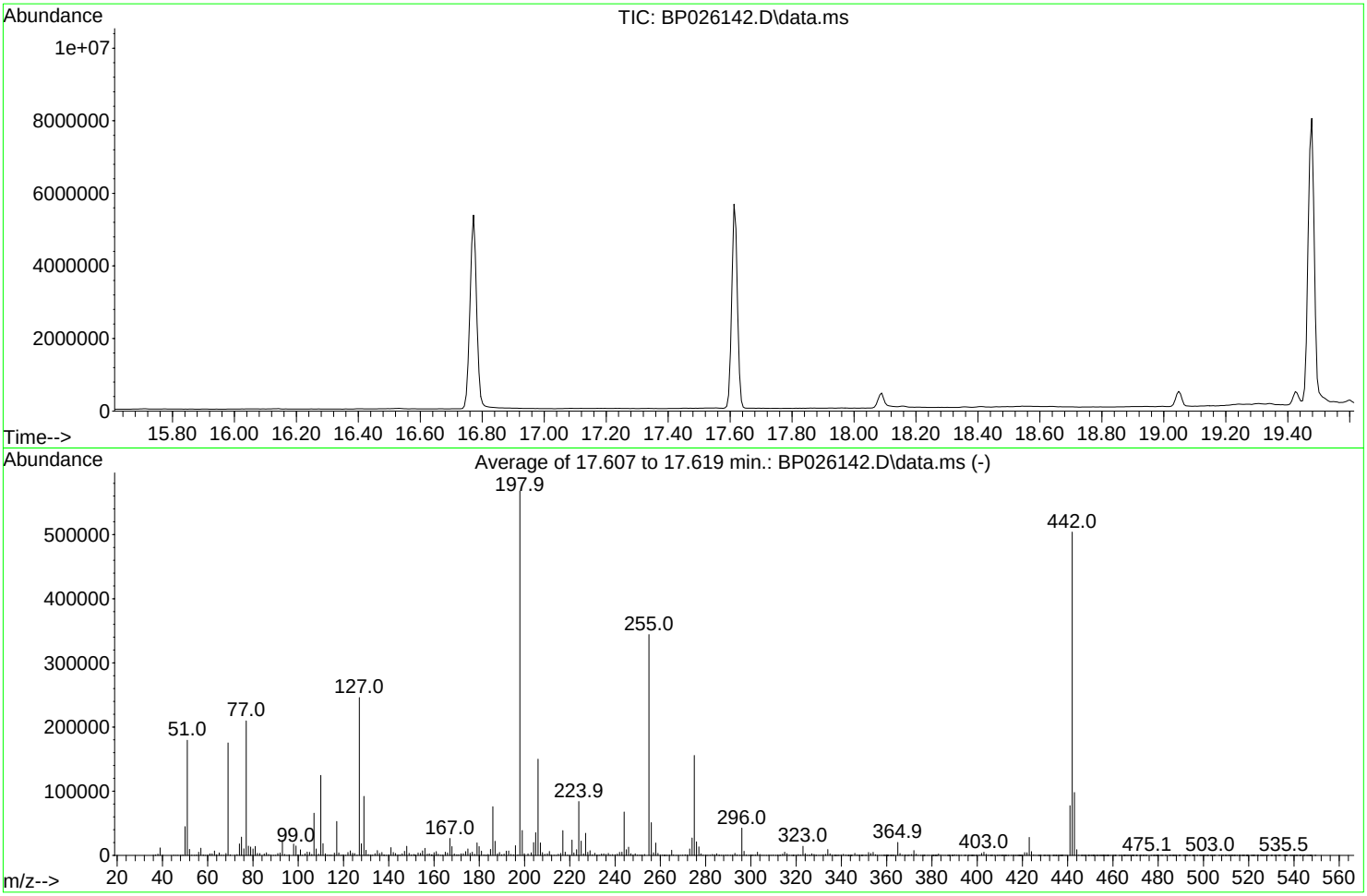
Sample Results: **BP026142.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 19 01:25:31 2025



AutoFind: Scans 2494, 2495, 2496; Background Corrected with Scan 2485

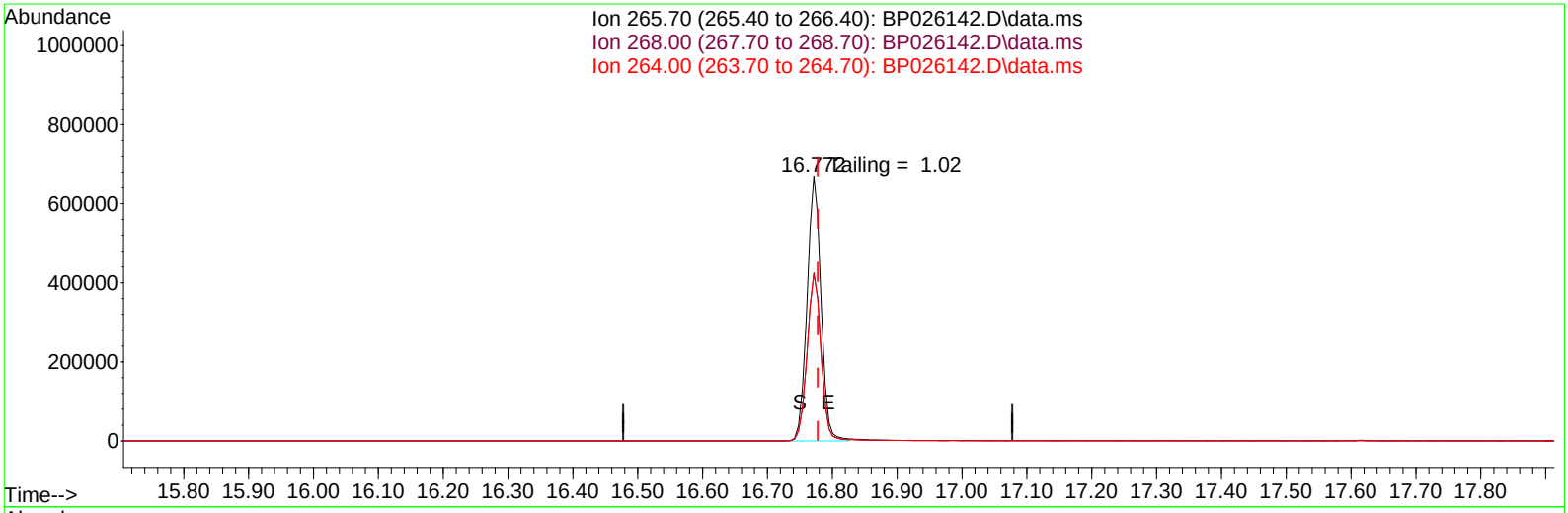
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	2891	PASS
69	69	100	100	100.0	175261	PASS
70	69	0.00	2	0.4	730	PASS
197	198	0.00	2	0.1	748	PASS
198	198	100	100	100.0	567984	PASS
199	198	5	9	6.8	38899	PASS
365	198	1	100	3.6	20169	PASS
441	443	0.01	150	79.0	77420	PASS
442	442	100	100	100.0	503872	PASS
443	442	15	24	19.5	98037	PASS

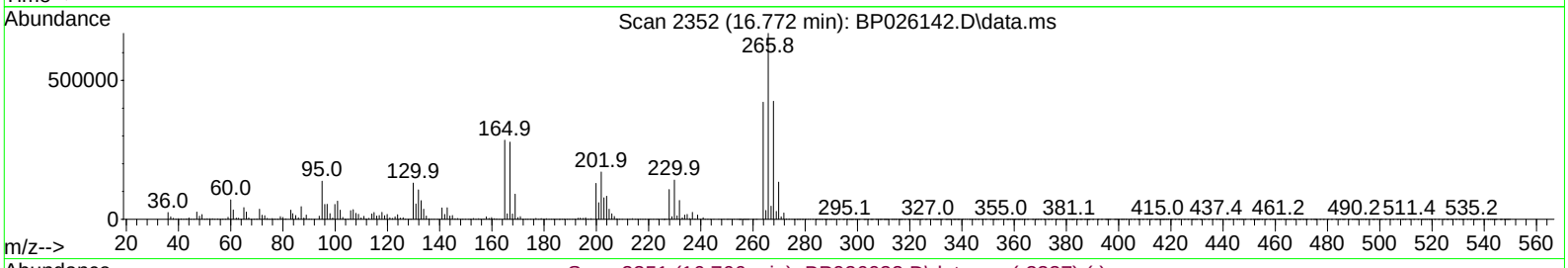
Sample Results: **BP026142.D**

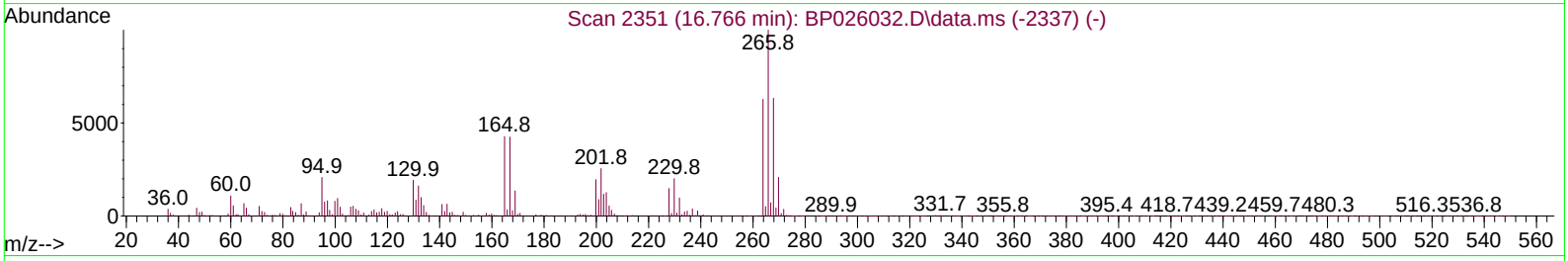
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Nov 19 00:44:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration







TIC: BP026142.D\data.ms

(70) Pentachlorophenol (C)

16.772min (-0.006) 1416102.53 ng

response 1013882

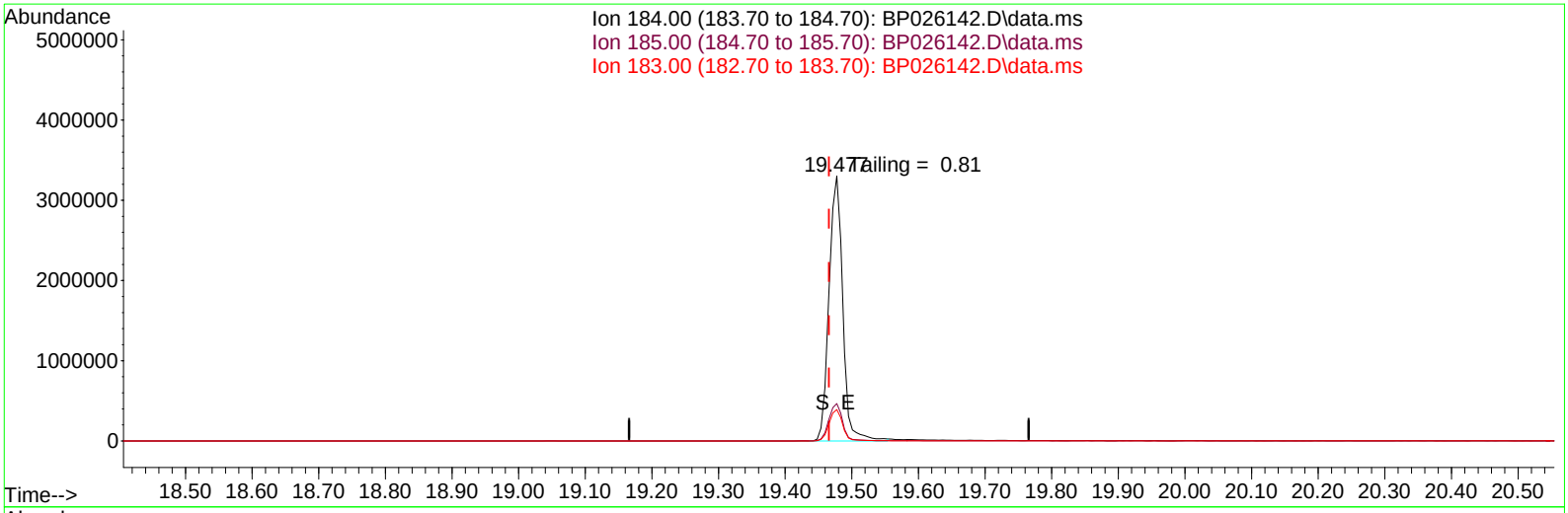
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.70	63.49
264.00	62.70	62.91
0.00	0.00	0.00

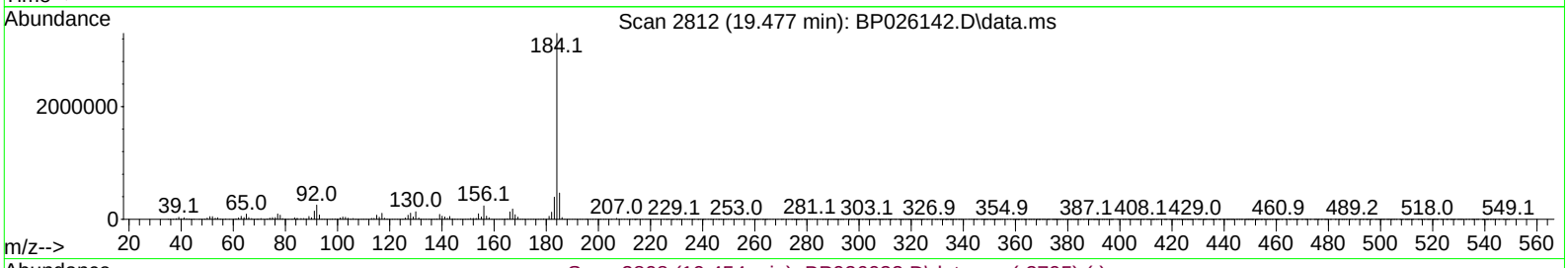
Sample Results: **BP026142.D**

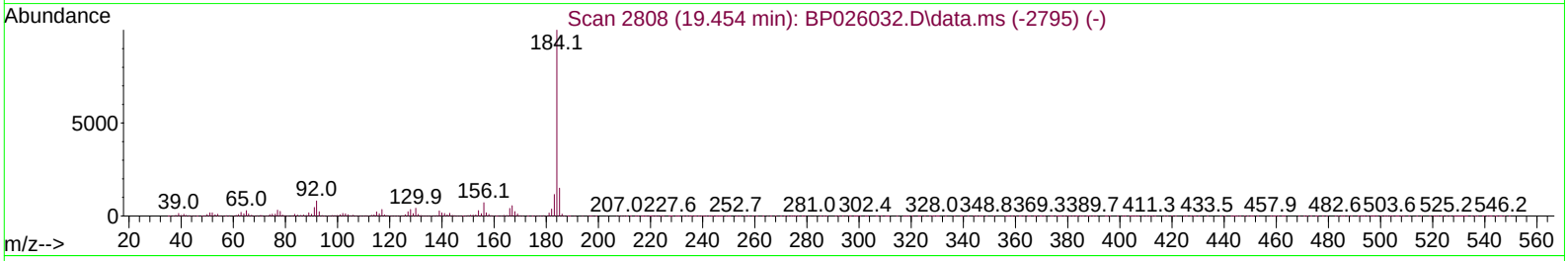
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Nov 19 00:44:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration







TIC: BP026142.D\data.ms

(77) Benzidine

19.477min (+ 0.012) 743702.57 ng

response 4726021

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.13
183.00	11.30	11.87
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/18/2025	BNA_P	BP026142.D
Compound Name	**Response**	**Retention Time**
DDT	2472778	20.777
DDD	49260	20.377
DDE	4029	19.789
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
53289	2526067	2.11

Instrument :
BNA_P
ClientSampleId :
DFTPP

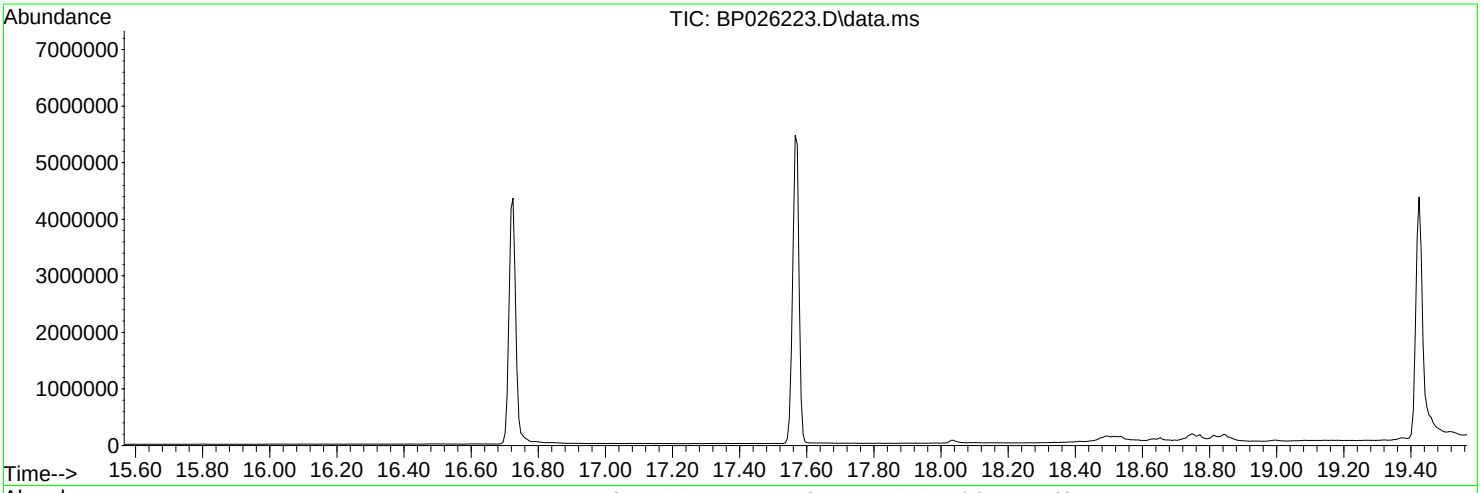
Sample Results: **BP026223.D**

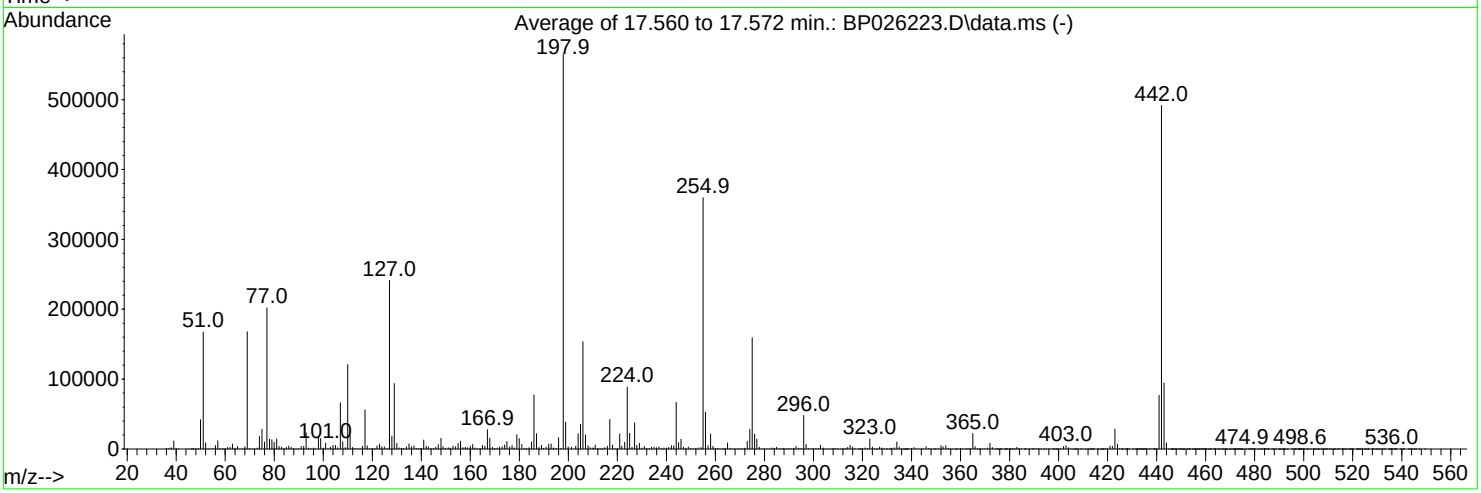
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026223.D
Acq On : 03 Dec 2025 12:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 19 01:25:31 2025





AutoFind: Scans 2486, 2487, 2488; Background Corrected with Scan 2478

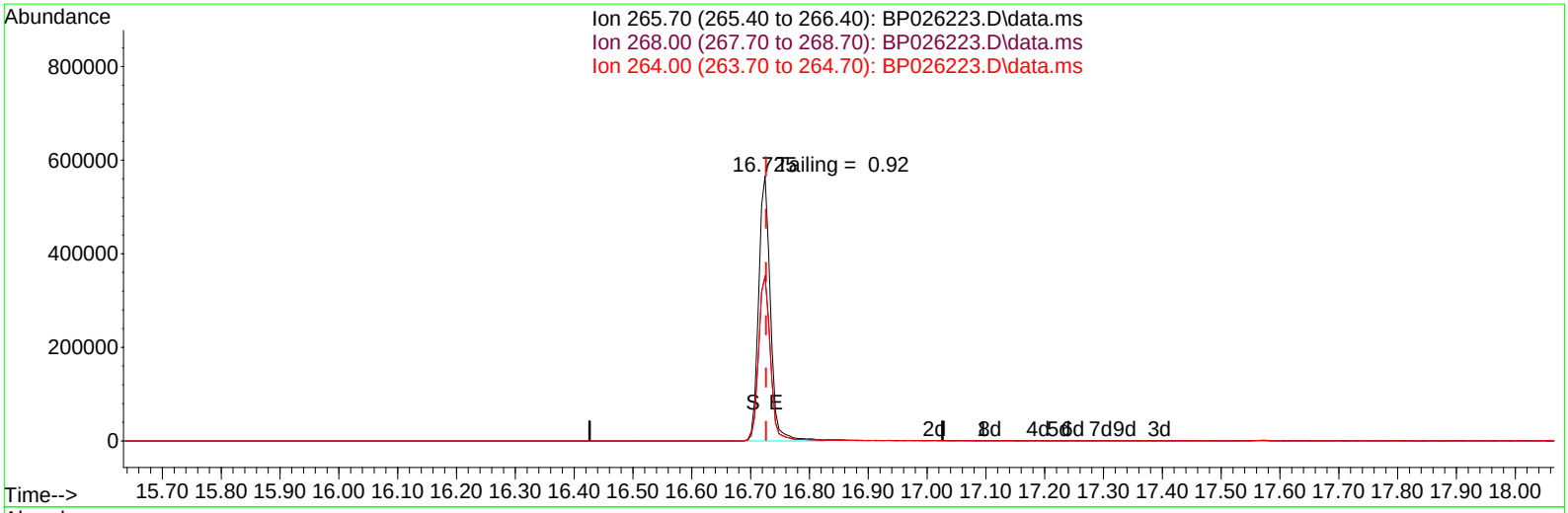
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	2821	PASS
69	69	100	100	100.0	167728	PASS
70	69	0.00	2	0.5	841	PASS
197	198	0.00	2	0.1	771	PASS
198	198	100	100	100.0	565248	PASS
199	198	5	9	6.8	38282	PASS
365	198	1	100	3.9	22129	PASS
441	443	0.01	150	81.3	76854	PASS
442	442	100	100	100.0	491627	PASS
443	442	15	24	19.2	94587	PASS

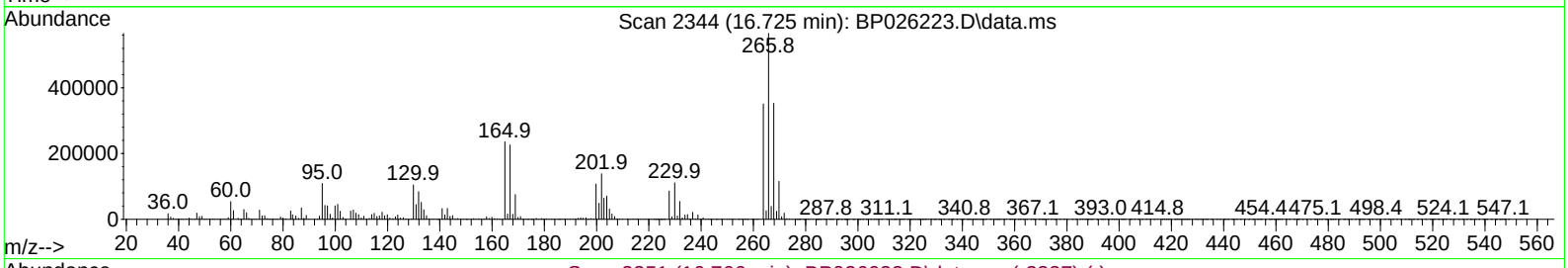
Sample Results: **BP026223.D**

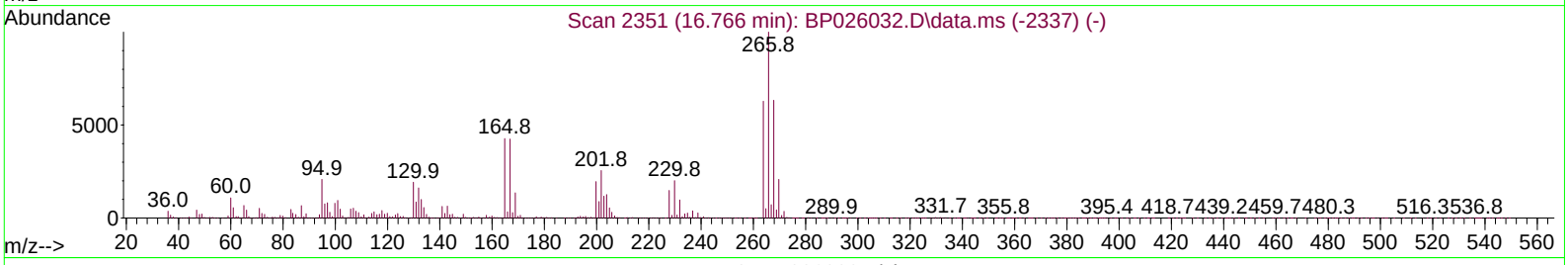
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026223.D
Acq On : 03 Dec 2025 12:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Dec 03 13:04:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration







TIC: BP026223.D\data.ms

(70) Pentachlorophenol (C)

16.725min (-0.002) 23877.06 ng m

response 803180

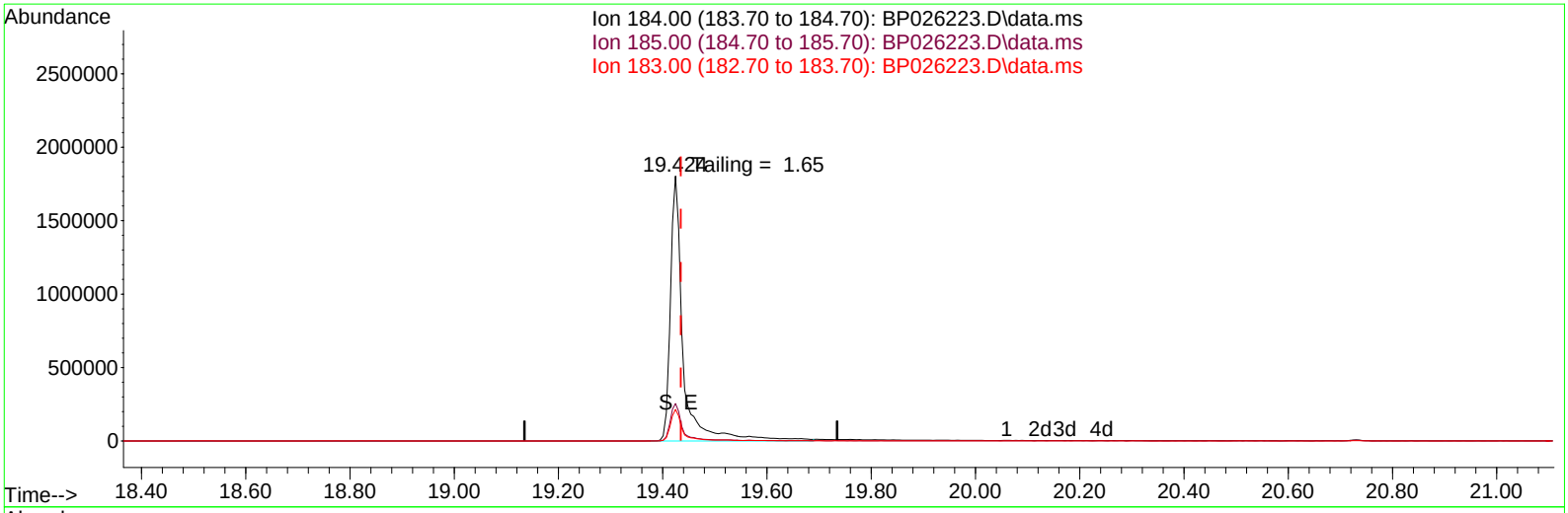
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.70	62.35
264.00	62.70	62.02
0.00	0.00	0.00

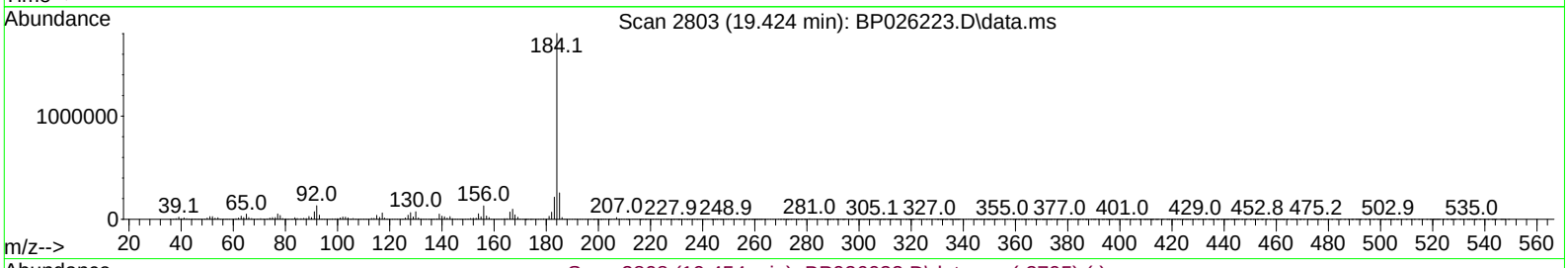
Sample Results: **BP026223.D**

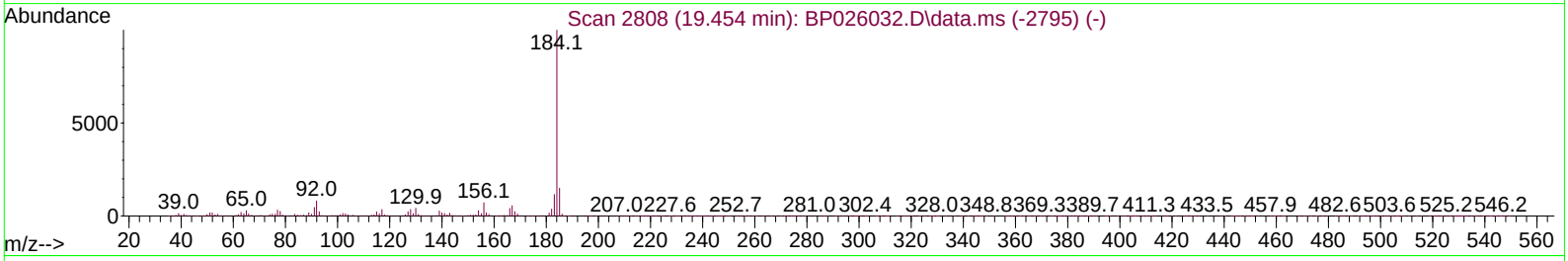
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026223.D
Acq On : 03 Dec 2025 12:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Dec 03 13:08:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration







TIC: BP026223.D\data.ms

(77) Benzidine

19.424min (-0.010) 582608.37 ng m

response 3235664

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.14
183.00	11.30	11.91
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
12/3/2025	BNA_P	BP026223.D
Compound Name	**Response**	**Retention Time**
DDT	1847364	20.73
DDD	58978	20.266
DDE	3263	19.736
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
62241	1909605	3.26

Instrument :
BNA_P
ClientSampleId :
DFTPP

Raw Data: **BP026225.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Building 50 Probe Investigation	Date Received:	
Client Sample ID:	PB170797BL	SDG No.:	Q3741
Lab Sample ID:	PB170797BL	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541 Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	160	U	1	160	330	ug/Kg	12/03/25 13:34	PB170797
108-95-2	Phenol	22.1	U	1	22.1	170	ug/Kg	12/03/25 13:34	PB170797
111-44-4	bis(2-Chloroethyl)ether	24.3	U	1	24.3	170	ug/Kg	12/03/25 13:34	PB170797
95-57-8	2-Chlorophenol	24.4	U	1	24.4	170	ug/Kg	12/03/25 13:34	PB170797
95-48-7	2-Methylphenol	29.9	U	1	29.9	170	ug/Kg	12/03/25 13:34	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	1	37.5	170	ug/Kg	12/03/25 13:34	PB170797
98-86-2	Acetophenone	29.5	U	1	29.5	170	ug/Kg	12/03/25 13:34	PB170797
65794-96-9	3+4-Methylphenols	41.1	U	1	41.1	330	ug/Kg	12/03/25 13:34	PB170797
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	1	47.4	80.0	ug/Kg	12/03/25 13:34	PB170797
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	12/03/25 13:34	PB170797
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	12/03/25 13:34	PB170797
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	12/03/25 13:34	PB170797
88-75-5	2-Nitrophenol	58.2	U	1	58.2	170	ug/Kg	12/03/25 13:34	PB170797
105-67-9	2,4-Dimethylphenol	64.8	U	1	64.8	170	ug/Kg	12/03/25 13:34	PB170797
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	1	30.8	170	ug/Kg	12/03/25 13:34	PB170797
120-83-2	2,4-Dichlorophenol	28.3	U	1	28.3	170	ug/Kg	12/03/25 13:34	PB170797
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	12/03/25 13:34	PB170797
106-47-8	4-Chloroaniline	35.4	U	1	35.4	170	ug/Kg	12/03/25 13:34	PB170797
87-68-3	Hexachlorobutadiene	25.3	U	1	25.3	170	ug/Kg	12/03/25 13:34	PB170797
105-60-2	Caprolactam	52.1	U	1	52.1	330	ug/Kg	12/03/25 13:34	PB170797
59-50-7	4-Chloro-3-methylphenol	28.7	U	1	28.7	170	ug/Kg	12/03/25 13:34	PB170797
91-57-6	2-Methylnaphthalene	25.6	U	1	25.6	170	ug/Kg	12/03/25 13:34	PB170797
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	12/03/25 13:34	PB170797
88-06-2	2,4,6-Trichlorophenol	19.8	U	1	19.8	170	ug/Kg	12/03/25 13:34	PB170797
95-95-4	2,4,5-Trichlorophenol	29.1	U	1	29.1	170	ug/Kg	12/03/25 13:34	PB170797
92-52-4	1,1-Biphenyl	21.8	U	1	21.8	170	ug/Kg	12/03/25 13:34	PB170797
91-58-7	2-Chloronaphthalene	22.5	U	1	22.5	170	ug/Kg	12/03/25 13:34	PB170797
88-74-4	2-Nitroaniline	48.1	U	1	48.1	170	ug/Kg	12/03/25 13:34	PB170797
131-11-3	Dimethylphthalate	27.1	U	1	27.1	170	ug/Kg	12/03/25 13:34	PB170797
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	12/03/25 13:34	PB170797
606-20-2	2,6-Dinitrotoluene	33.6	U	1	33.6	170	ug/Kg	12/03/25 13:34	PB170797
99-09-2	3-Nitroaniline	46.0	U	1	46.0	170	ug/Kg	12/03/25 13:34	PB170797
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	12/03/25 13:34	PB170797
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	12/03/25 13:34	PB170797
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	12/03/25 13:34	PB170797
132-64-9	Dibenzofuran	22.7	U	1	22.7	170	ug/Kg	12/03/25 13:34	PB170797
121-14-2	2,4-Dinitrotoluene	50.1	U	1	50.1	170	ug/Kg	12/03/25 13:34	PB170797
84-66-2	Diethylphthalate	28.3	U	1	28.3	170	ug/Kg	12/03/25 13:34	PB170797
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	1	26.7	170	ug/Kg	12/03/25 13:34	PB170797
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	12/03/25 13:34	PB170797
100-01-6	4-Nitroaniline	64.2	U	1	64.2	170	ug/Kg	12/03/25 13:34	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	12/03/25 13:34	PB170797

Raw Data: **BP026225.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	
Project:	Building 50 Probe Investigation			Date Received:	
Client Sample ID:	PB170797BL			SDG No.:	Q3741
Lab Sample ID:	PB170797BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date:	12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	32.9	U	1	32.9	170	ug/Kg	12/03/25 13:34	PB170797
101-55-3	4-Bromophenyl-phenylether	27.8	U	1	27.8	170	ug/Kg	12/03/25 13:34	PB170797
118-74-1	Hexachlorobenzene	25.3	U	1	25.3	170	ug/Kg	12/03/25 13:34	PB170797
1912-24-9	Atrazine	34.0	U	1	34.0	170	ug/Kg	12/03/25 13:34	PB170797
87-86-5	Pentachlorophenol	51.3	U	1	51.3	330	ug/Kg	12/03/25 13:34	PB170797
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	12/03/25 13:34	PB170797
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	12/03/25 13:34	PB170797
86-74-8	Carbazole	31.2	U	1	31.2	170	ug/Kg	12/03/25 13:34	PB170797
84-74-2	Di-n-butylphthalate	47.9	U	1	47.9	170	ug/Kg	12/03/25 13:34	PB170797
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	12/03/25 13:34	PB170797
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	12/03/25 13:34	PB170797
85-68-7	Butylbenzylphthalate	71.4	U	1	71.4	170	ug/Kg	12/03/25 13:34	PB170797
91-94-1	3,3-Dichlorobenzidine	36.7	U	1	36.7	330	ug/Kg	12/03/25 13:34	PB170797
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	12/03/25 13:34	PB170797
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	12/03/25 13:34	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	1	59.2	170	ug/Kg	12/03/25 13:34	PB170797
117-84-0	Di-n-octyl phthalate	86.8	U	1	86.8	330	ug/Kg	12/03/25 13:34	PB170797
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	12/03/25 13:34	PB170797
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	12/03/25 13:34	PB170797
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	12/03/25 13:34	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	12/03/25 13:34	PB170797
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	12/03/25 13:34	PB170797
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	12/03/25 13:34	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	1	25.6	170	ug/Kg	12/03/25 13:34	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	1	27.4	170	ug/Kg	12/03/25 13:34	PB170797
SURROGATES									
367-12-4	2-Fluorophenol	131			10 - 105	87%	SPK: 150		
13127-88-3	Phenol-d6	121			10 - 103	80%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.9			10 - 108	87%	SPK: 100		
321-60-8	2-Fluorobiphenyl	93.0			10 - 108	93%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	132			10 - 116	88%	SPK: 150		
1718-51-0	Terphenyl-d14	96.9			10 - 109	97%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	286000							
1146-65-2	Naphthalene-d8	1070000							
15067-26-2	Acenaphthene-d10	646000							
1517-22-2	Phenanthrene-d10	1180000							
1719-03-5	Chrysene-d12	1100000							
1520-96-3	Perylene-d12	1300000							

Raw Data: **BP026225.D**

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	
Project:	Building 50 Probe Investigation			Date Received:	
Client Sample ID:	PB170797BL			SDG No.:	Q3741
Lab Sample ID:	PB170797BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date:	12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026225.D
Acq On : 03 Dec 2025 13:34
Operator : RC/JU
Sample : PB170797BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170797BL

Quant Time: Dec 03 13:54:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

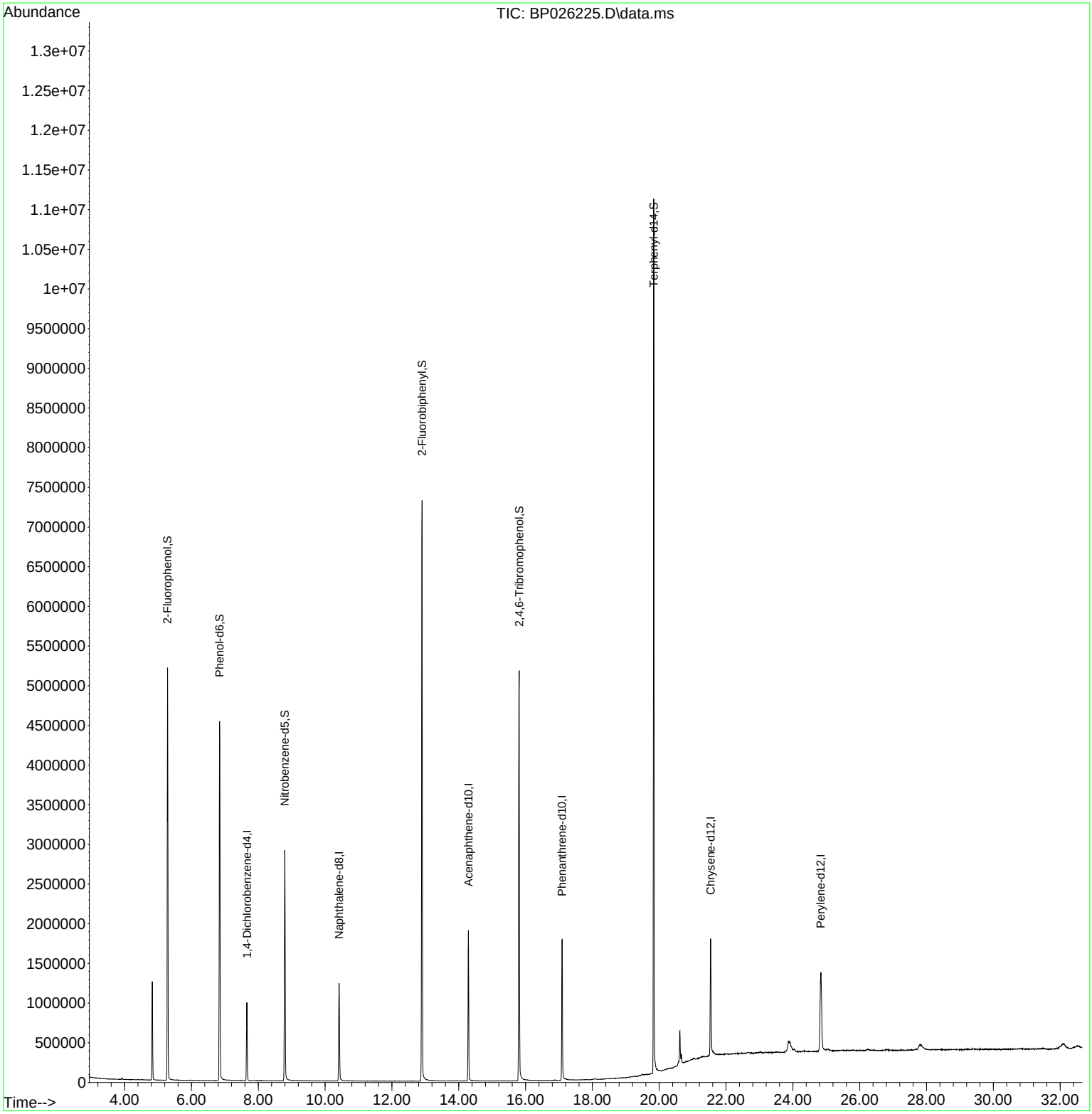
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	285794	20.000	ng	-0.01
21) Naphthalene-d8	10.419	136	1072097	20.000	ng	-0.03
39) Acenaphthene-d10	14.290	164	645861	20.000	ng	-0.04
64) Phenanthrene-d10	17.090	188	1175124	20.000	ng	-0.04
76) Chrysene-d12	21.536	240	1097045	20.000	ng	-0.04
86) Perylene-d12	24.830	264	1301681	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	2324066	130.525	ng	0.00
7) Phenol-d6	6.843	99	2734272	120.624	ng	-0.01
23) Nitrobenzene-d5	8.796	82	1640191	86.901	ng	-0.02
42) 2,4,6-Tribromophenol	15.807	330	1106711	132.091	ng	-0.03
45) 2-Fluorobiphenyl	12.902	172	4100213	93.042	ng	-0.03
79) Terphenyl-d14	19.836	244	5212327	96.880	ng	-0.04
Target Compounds						Qvalue

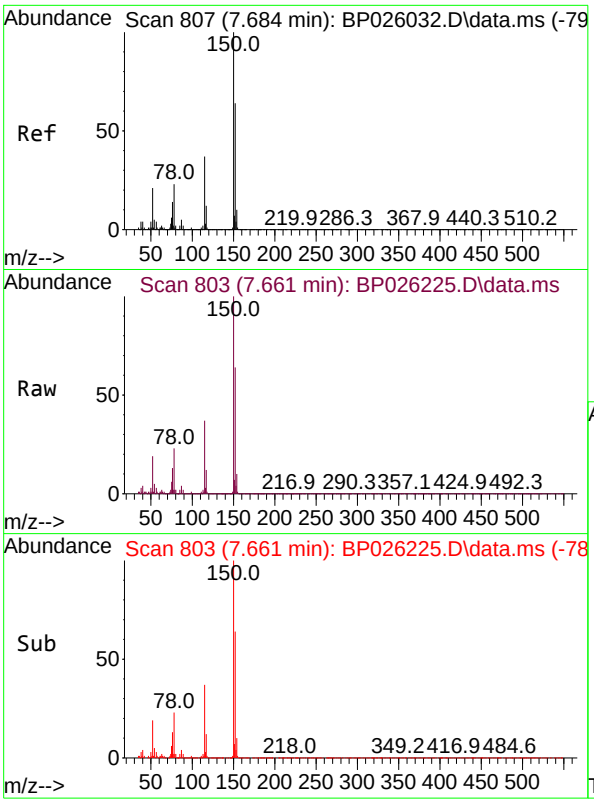
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026225.D
Acq On : 03 Dec 2025 13:34
Operator : RC/JU
Sample : PB170797BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170797BL

Quant Time: Dec 03 13:54:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



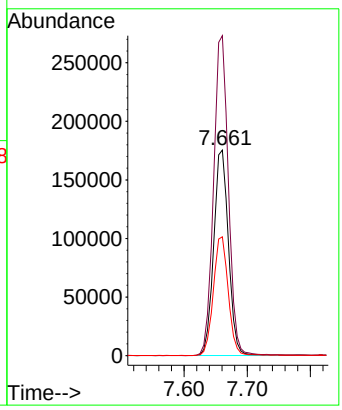


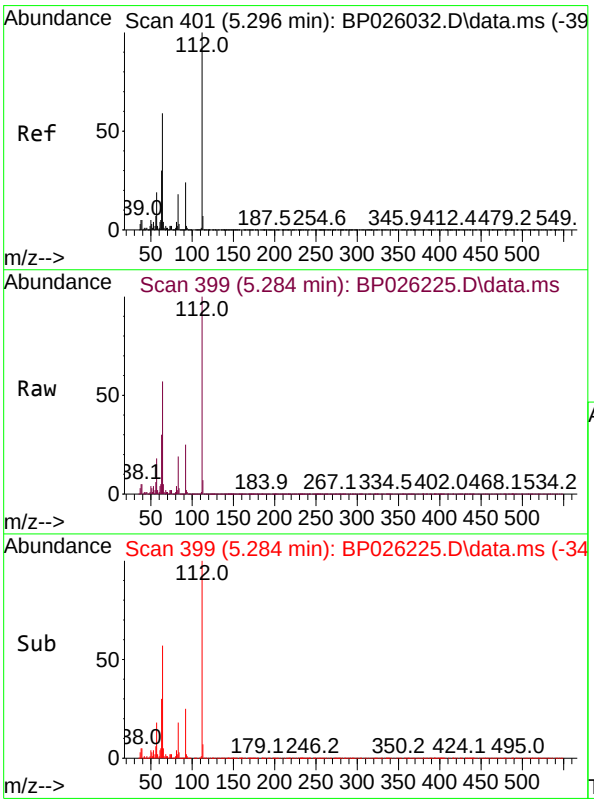
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.661 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

Instrument :
BNA_P
ClientSampleId :
PB170797BL

Tgt Ion:152 Resp: 285794

Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.0	184.6
115	57.9	46.3	69.5

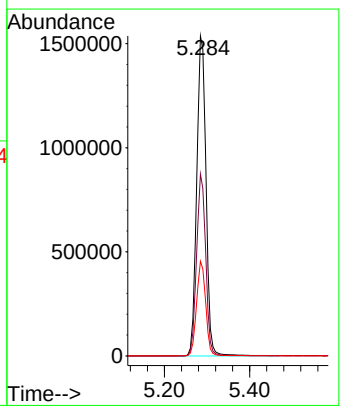


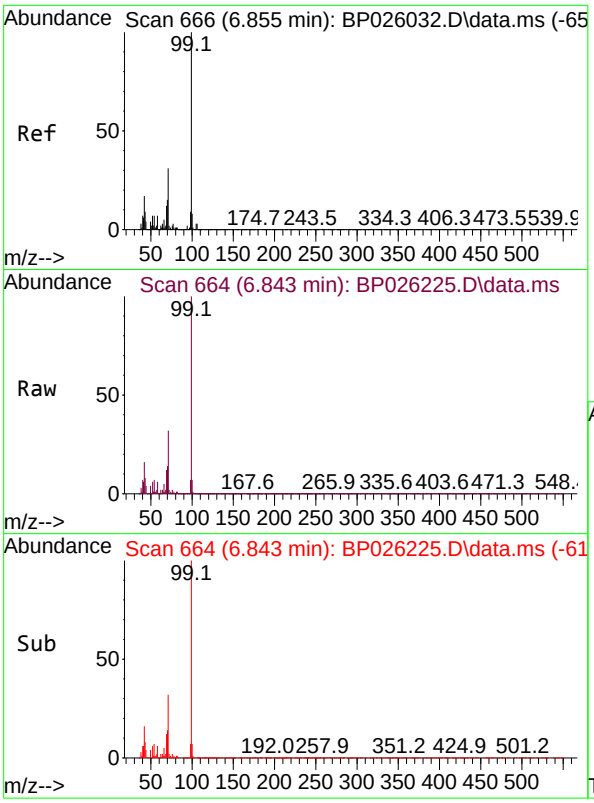


#5
2-Fluorophenol
Concen: 130.525 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

Tgt Ion:112 Resp: 2324066

Ion	Ratio	Lower	Upper
112	100		
64	56.8	45.8	68.6
63	29.6	23.5	35.3



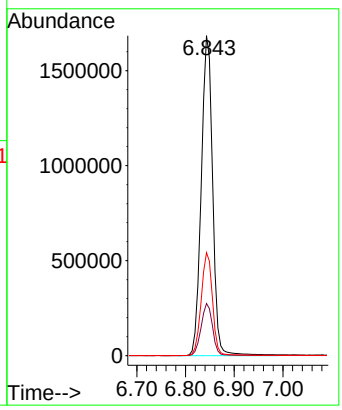


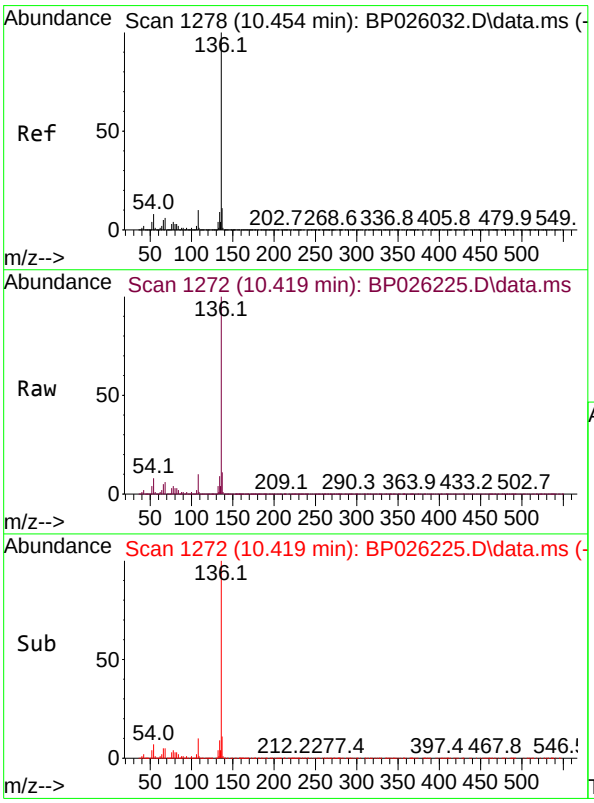
#7
Phenol-d6
Concen: 120.624 ng
RT: 6.843 min Scan# 6
Delta R.T. -0.011 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

Instrument :
BNA_P
ClientSampleId :
PB170797BL

Tgt Ion: 99 Resp: 2734272

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.9	19.3
71	32.2	24.8	37.2

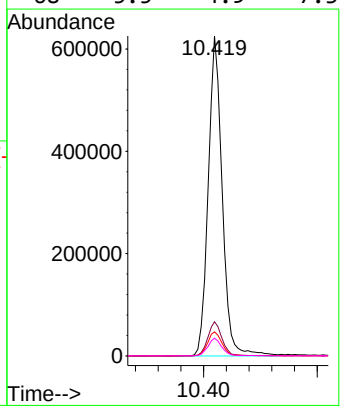


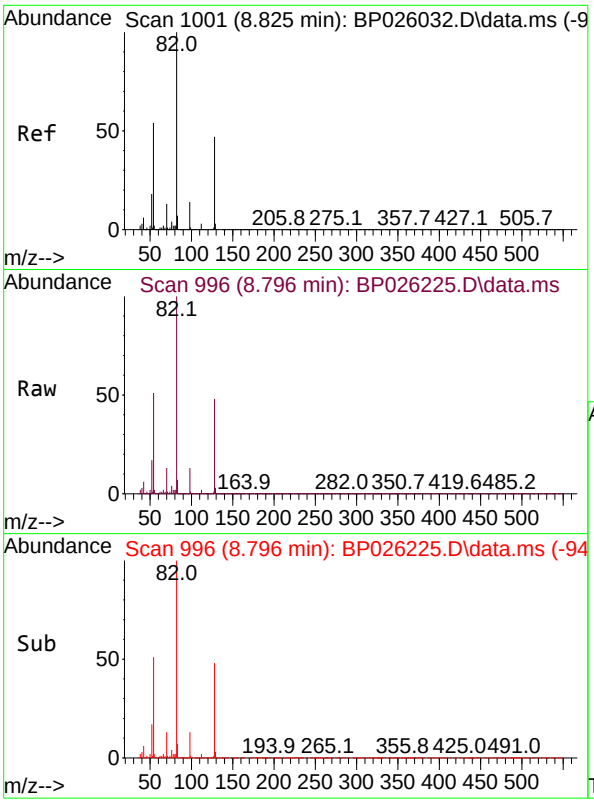


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.029 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

Tgt Ion:136 Resp: 1072097

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.5	6.4	9.6
68	5.5	4.9	7.3



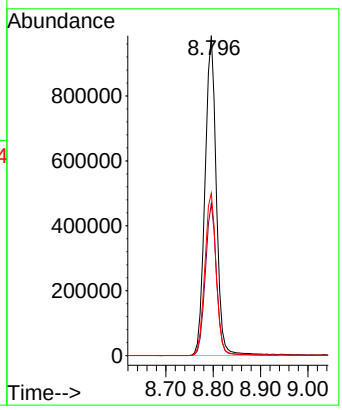


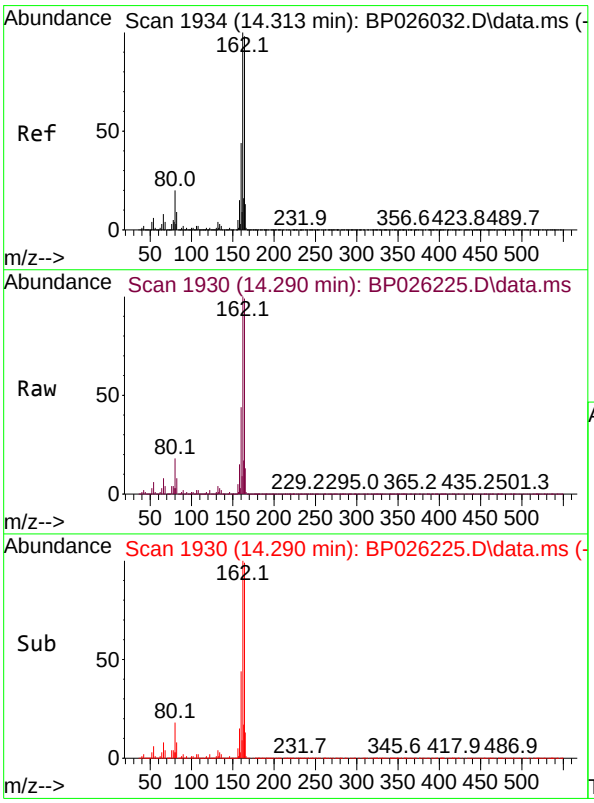
#23
Nitrobenzene-d5
Concen: 86.901 ng
RT: 8.796 min Scan# 99
Delta R.T. -0.017 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

Instrument :
BNA_P
ClientSampleId :
PB170797BL

Tgt Ion: 82 Resp: 1640191

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	50.7	41.6	62.4

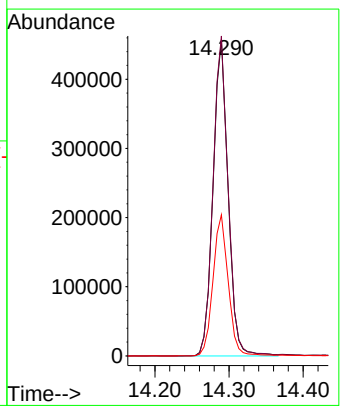


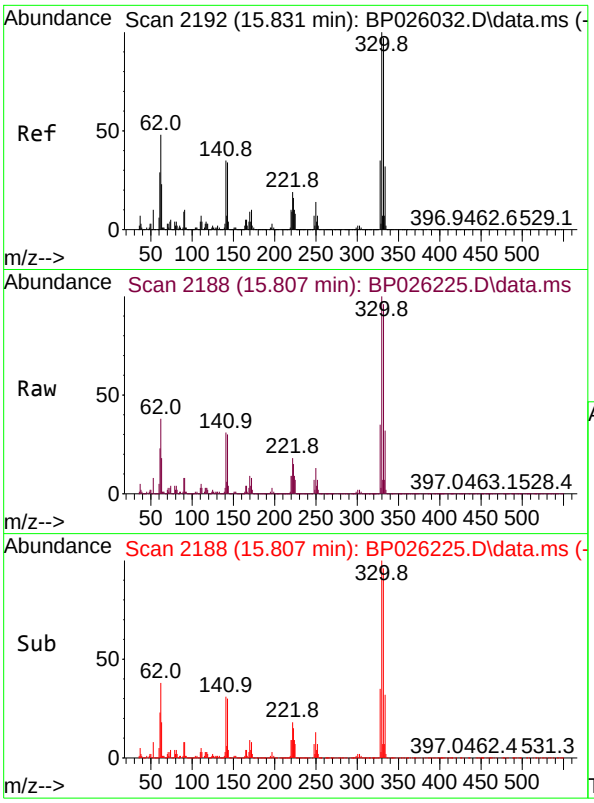


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.035 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

Tgt Ion:164 Resp: 645861

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.3	120.5
160	44.6	35.2	52.8



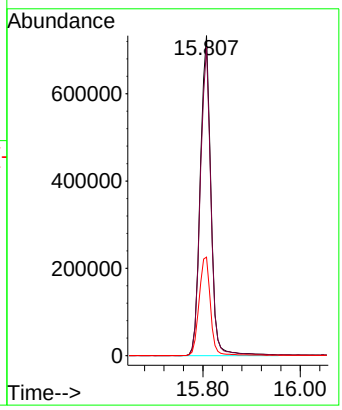


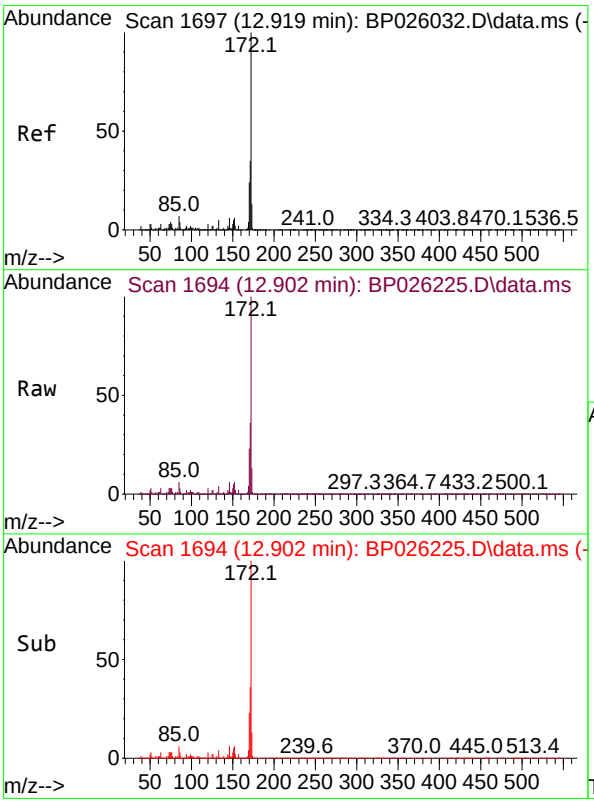
#42
2,4,6-Tribromophenol
Concen: 132.091 ng
RT: 15.807 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

Instrument :
BNA_P
ClientSampleId :
PB170797BL

Tgt Ion:330 Resp: 1106711

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.0	117.0
141	33.1	26.8	40.2

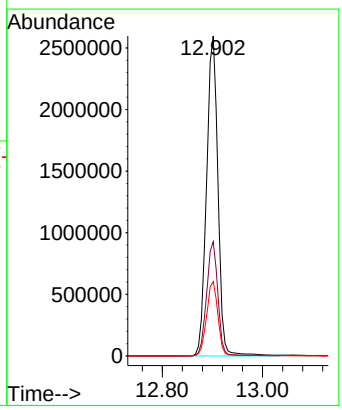


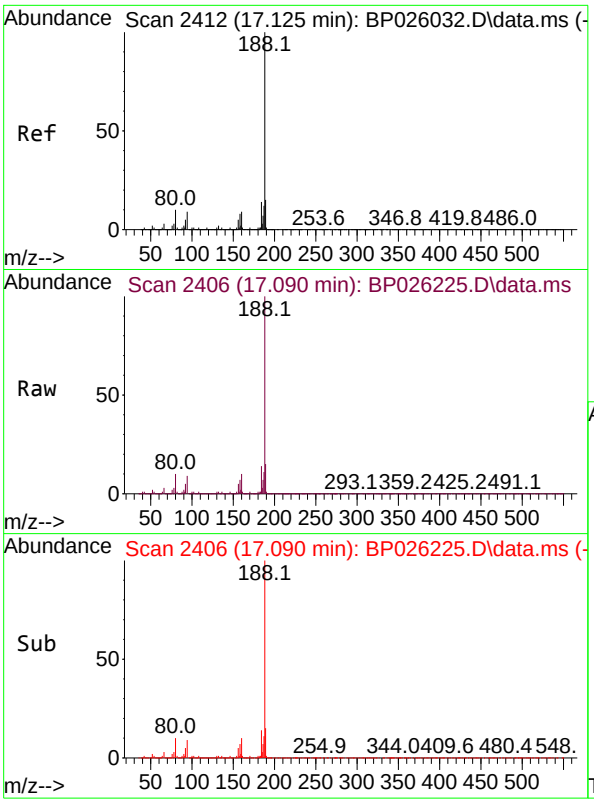


#45
2-Fluorobiphenyl
Concen: 93.042 ng
RT: 12.902 min Scan# 1694
Delta R.T. -0.029 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

Tgt Ion:172 Resp: 4100213

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.4
170	23.2	18.7	28.1



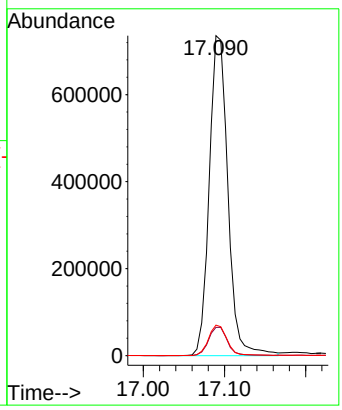


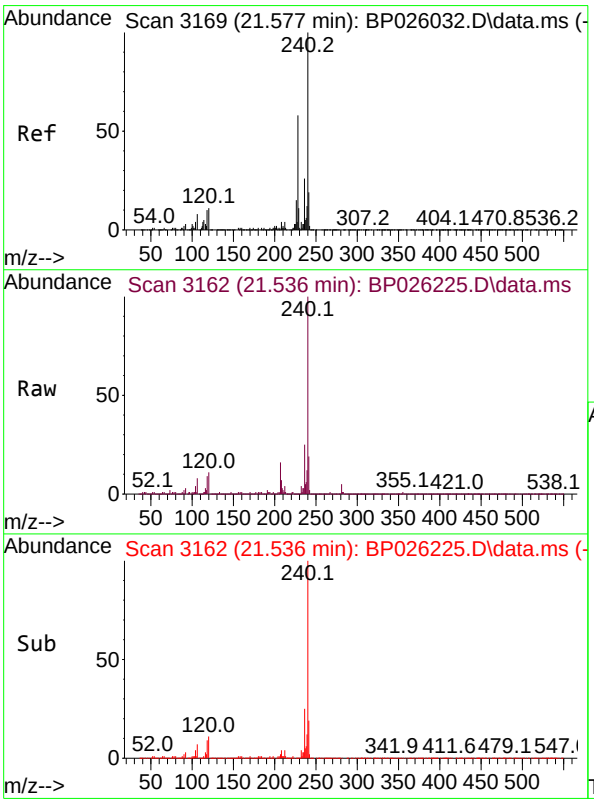
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.090 min Scan# 24
Delta R.T. -0.041 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

Instrument :
BNA_P
ClientSampleId :
PB170797BL

Tgt Ion:188 Resp: 1175124

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.8	11.6
80	9.5	8.2	12.2

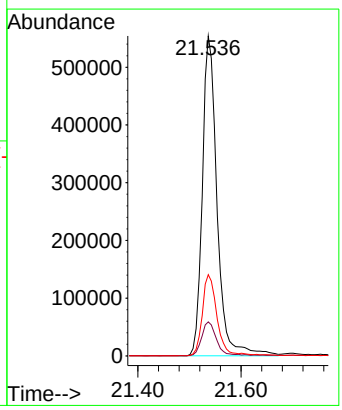


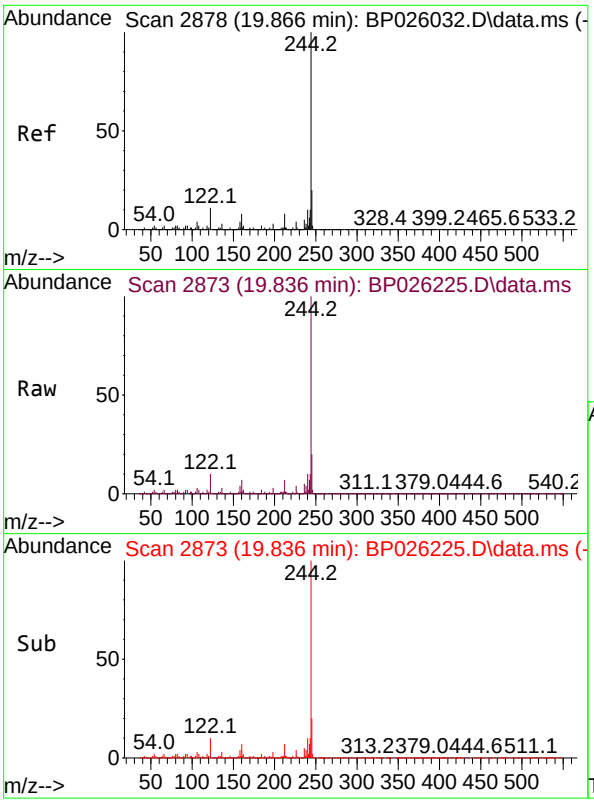


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.035 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

Tgt Ion:240 Resp: 1097045

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.4
236	25.4	20.4	30.6



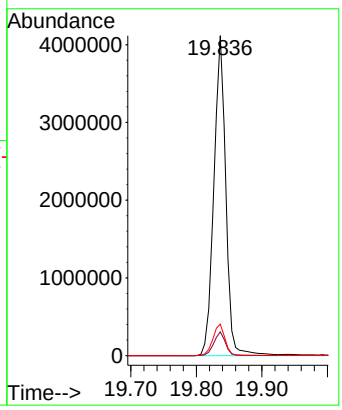


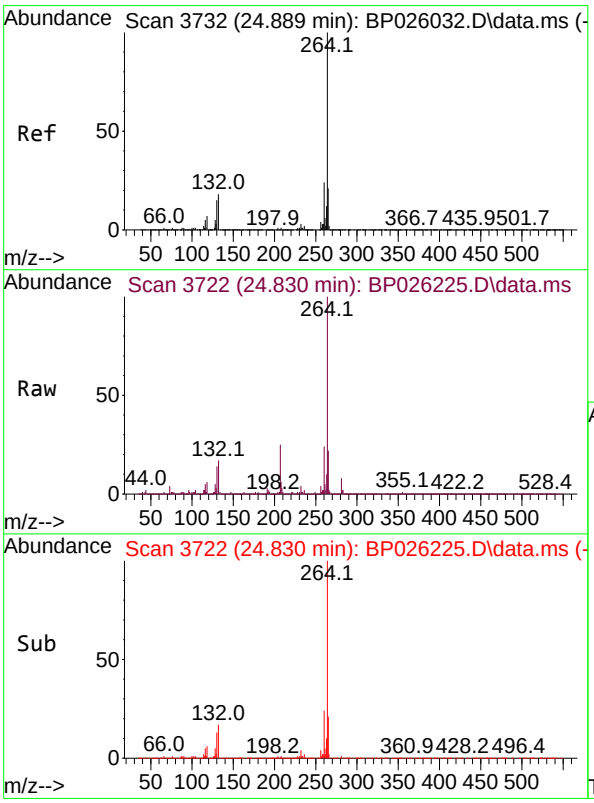
#79
Terphenyl-d14
Concen: 96.880 ng
RT: 19.836 min Scan# 28
Delta R.T. -0.035 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

Instrument :
BNA_P
ClientSampleId :
PB170797BL

Tgt Ion:244 Resp: 5212327

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	9.8	8.2	12.2

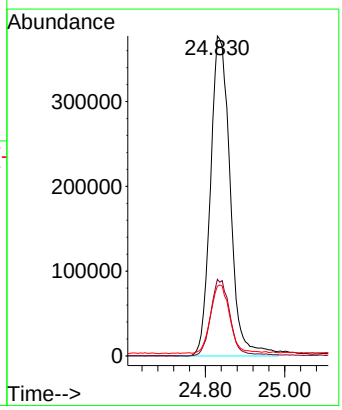




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.830 min Scan# 3722
Delta R.T. -0.076 min
Lab File: BP026225.D
Acq: 03 Dec 2025 13:34

Tgt Ion:264 Resp: 1301681

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.8	17.5	26.3



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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Building 50 Probe Investigation	Date Received:	
Client Sample ID:	PB170797BS	SDG No.:	Q3741
Lab Sample ID:	PB170797BS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541 Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	970		1	160	330	ug/Kg	12/03/25 14:15	PB170797
108-95-2	Phenol	1300		1	22.1	170	ug/Kg	12/03/25 14:15	PB170797
111-44-4	bis(2-Chloroethyl)ether	1300		1	24.3	170	ug/Kg	12/03/25 14:15	PB170797
95-57-8	2-Chlorophenol	1400		1	24.4	170	ug/Kg	12/03/25 14:15	PB170797
95-48-7	2-Methylphenol	1300		1	29.9	170	ug/Kg	12/03/25 14:15	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	1300		1	37.5	170	ug/Kg	12/03/25 14:15	PB170797
98-86-2	Acetophenone	1500		1	29.5	170	ug/Kg	12/03/25 14:15	PB170797
65794-96-9	3+4-Methylphenols	1300		1	41.1	330	ug/Kg	12/03/25 14:15	PB170797
621-64-7	n-Nitroso-di-n-propylamine	1200		1	47.4	79.9	ug/Kg	12/03/25 14:15	PB170797
67-72-1	Hexachloroethane	1400		1	17.6	170	ug/Kg	12/03/25 14:15	PB170797
98-95-3	Nitrobenzene	1400		1	18.3	170	ug/Kg	12/03/25 14:15	PB170797
78-59-1	Isophorone	1300		1	32.8	170	ug/Kg	12/03/25 14:15	PB170797
88-75-5	2-Nitrophenol	1400		1	58.1	170	ug/Kg	12/03/25 14:15	PB170797
105-67-9	2,4-Dimethylphenol	1300		1	64.7	170	ug/Kg	12/03/25 14:15	PB170797
111-91-1	bis(2-Chloroethoxy)methane	1300		1	30.8	170	ug/Kg	12/03/25 14:15	PB170797
120-83-2	2,4-Dichlorophenol	1400		1	28.3	170	ug/Kg	12/03/25 14:15	PB170797
91-20-3	Naphthalene	1300		1	22.7	170	ug/Kg	12/03/25 14:15	PB170797
106-47-8	4-Chloroaniline	700		1	35.4	170	ug/Kg	12/03/25 14:15	PB170797
87-68-3	Hexachlorobutadiene	1500		1	25.3	170	ug/Kg	12/03/25 14:15	PB170797
105-60-2	Caprolactam	1100		1	52.0	330	ug/Kg	12/03/25 14:15	PB170797
59-50-7	4-Chloro-3-methylphenol	1300		1	28.7	170	ug/Kg	12/03/25 14:15	PB170797
91-57-6	2-Methylnaphthalene	1200		1	25.6	170	ug/Kg	12/03/25 14:15	PB170797
77-47-4	Hexachlorocyclopentadiene	2600		1	120	330	ug/Kg	12/03/25 14:15	PB170797
88-06-2	2,4,6-Trichlorophenol	1500		1	19.8	170	ug/Kg	12/03/25 14:15	PB170797
95-95-4	2,4,5-Trichlorophenol	1500		1	29.1	170	ug/Kg	12/03/25 14:15	PB170797
92-52-4	1,1-Biphenyl	1600		1	21.8	170	ug/Kg	12/03/25 14:15	PB170797
91-58-7	2-Chloronaphthalene	1500		1	22.5	170	ug/Kg	12/03/25 14:15	PB170797
88-74-4	2-Nitroaniline	1400		1	48.1	170	ug/Kg	12/03/25 14:15	PB170797
131-11-3	Dimethylphthalate	1300		1	27.1	170	ug/Kg	12/03/25 14:15	PB170797
208-96-8	Acenaphthylene	1400		1	28.9	170	ug/Kg	12/03/25 14:15	PB170797
606-20-2	2,6-Dinitrotoluene	1500		1	33.6	170	ug/Kg	12/03/25 14:15	PB170797
99-09-2	3-Nitroaniline	970		1	46.0	170	ug/Kg	12/03/25 14:15	PB170797
83-32-9	Acenaphthene	1400		1	21.3	170	ug/Kg	12/03/25 14:15	PB170797
51-28-5	2,4-Dinitrophenol	2700	E	1	230	330	ug/Kg	12/03/25 14:15	PB170797
100-02-7	4-Nitrophenol	2200		1	110	330	ug/Kg	12/03/25 14:15	PB170797
132-64-9	Dibenzofuran	1400		1	22.7	170	ug/Kg	12/03/25 14:15	PB170797
121-14-2	2,4-Dinitrotoluene	1300		1	50.0	170	ug/Kg	12/03/25 14:15	PB170797
84-66-2	Diethylphthalate	1300		1	28.3	170	ug/Kg	12/03/25 14:15	PB170797
7005-72-3	4-Chlorophenyl-phenylether	1400		1	26.7	170	ug/Kg	12/03/25 14:15	PB170797
86-73-7	Fluorene	1400		1	25.3	170	ug/Kg	12/03/25 14:15	PB170797
100-01-6	4-Nitroaniline	1100		1	64.1	170	ug/Kg	12/03/25 14:15	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	1400		1	100	330	ug/Kg	12/03/25 14:15	PB170797

Raw Data: **BP026226.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	
Project:	Building 50 Probe Investigation			Date Received:	
Client Sample ID:	PB170797BS			SDG No.:	Q3741
Lab Sample ID:	PB170797BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date:	12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500		1	32.9	170	ug/Kg	12/03/25 14:15	PB170797
101-55-3	4-Bromophenyl-phenylether	1500		1	27.8	170	ug/Kg	12/03/25 14:15	PB170797
118-74-1	Hexachlorobenzene	1500		1	25.3	170	ug/Kg	12/03/25 14:15	PB170797
1912-24-9	Atrazine	1400		1	34.0	170	ug/Kg	12/03/25 14:15	PB170797
87-86-5	Pentachlorophenol	2900	E	1	51.2	330	ug/Kg	12/03/25 14:15	PB170797
85-01-8	Phenanthrene	1400		1	20.9	170	ug/Kg	12/03/25 14:15	PB170797
120-12-7	Anthracene	1400		1	33.3	170	ug/Kg	12/03/25 14:15	PB170797
86-74-8	Carbazole	1400		1	31.2	170	ug/Kg	12/03/25 14:15	PB170797
84-74-2	Di-n-butylphthalate	1400		1	47.9	170	ug/Kg	12/03/25 14:15	PB170797
206-44-0	Fluoranthene	1400		1	30.0	170	ug/Kg	12/03/25 14:15	PB170797
129-00-0	Pyrene	1400		1	36.0	170	ug/Kg	12/03/25 14:15	PB170797
85-68-7	Butylbenzylphthalate	1400		1	71.3	170	ug/Kg	12/03/25 14:15	PB170797
91-94-1	3,3-Dichlorobenzidine	1100		1	36.7	330	ug/Kg	12/03/25 14:15	PB170797
56-55-3	Benzo(a)anthracene	1400		1	23.0	170	ug/Kg	12/03/25 14:15	PB170797
218-01-9	Chrysene	1400		1	19.9	170	ug/Kg	12/03/25 14:15	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	1400		1	59.1	170	ug/Kg	12/03/25 14:15	PB170797
117-84-0	Di-n-octyl phthalate	1400		1	86.7	330	ug/Kg	12/03/25 14:15	PB170797
205-99-2	Benzo(b)fluoranthene	1600		1	19.0	170	ug/Kg	12/03/25 14:15	PB170797
207-08-9	Benzo(k)fluoranthene	1600		1	22.4	170	ug/Kg	12/03/25 14:15	PB170797
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	12/03/25 14:15	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	1600		1	29.1	170	ug/Kg	12/03/25 14:15	PB170797
53-70-3	Dibenzo(a,h)anthracene	1600		1	27.4	170	ug/Kg	12/03/25 14:15	PB170797
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	12/03/25 14:15	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		1	25.6	170	ug/Kg	12/03/25 14:15	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	1400		1	27.4	170	ug/Kg	12/03/25 14:15	PB170797
SURROGATES									
367-12-4	2-Fluorophenol	116			10 - 105	78%	SPK: 150		
13127-88-3	Phenol-d6	111			10 - 103	74%	SPK: 150		
4165-60-0	Nitrobenzene-d5	75.9			10 - 108	76%	SPK: 100		
321-60-8	2-Fluorobiphenyl	84.9			10 - 108	85%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	116			10 - 116	77%	SPK: 150		
1718-51-0	Terphenyl-d14	79.1			10 - 109	79%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	298000							
1146-65-2	Naphthalene-d8	1150000							
15067-26-2	Acenaphthene-d10	649000							
1517-22-2	Phenanthrene-d10	1170000							
1719-03-5	Chrysene-d12	1290000							
1520-96-3	Perylene-d12	1350000							

Raw Data: **BP026226.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	
Project:	Building 50 Probe Investigation			Date Received:	
Client Sample ID:	PB170797BS			SDG No.:	Q3741
Lab Sample ID:	PB170797BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date:	12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026226.D
Acq On : 03 Dec 2025 14:15
Operator : RC/JU
Sample : PB170797BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170797BS

Quant Time: Dec 03 14:37:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	297525	20.000	ng	-0.01
21) Naphthalene-d8	10.419	136	1147083	20.000	ng	-0.03
39) Acenaphthene-d10	14.290	164	649211	20.000	ng	-0.04
64) Phenanthrene-d10	17.095	188	1165562	20.000	ng	-0.04
76) Chrysene-d12	21.548	240	1286130	20.000	ng	-0.02
86) Perylene-d12	24.836	264	1348426	20.000	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	2159437	116.497	ng	0.00
7) Phenol-d6	6.843	99	2624795	111.229	ng	-0.01
23) Nitrobenzene-d5	8.796	82	1533638	75.944	ng	-0.02
42) 2,4,6-Tribromophenol	15.807	330	973983	115.650	ng	-0.03
45) 2-Fluorobiphenyl	12.896	172	3761130	84.908	ng	-0.04
79) Terphenyl-d14	19.842	244	4989359	79.102	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	274814	36.552	ng	97
3) Pyridine	3.614	79	628868	28.943	ng	99
4) n-Nitrosodimethylamine	3.520	42	326959	40.263	ng	94
6) Aniline	6.990	93	776188	24.912	ng	99
8) 2-Chlorophenol	7.231	128	874540	41.449	ng	100
9) Benzaldehyde	6.808	77	361709	29.249	ng	98
10) Phenol	6.872	94	1005476	39.552	ng	98
11) bis(2-Chloroethyl)ether	7.090	93	770810	38.725	ng	97
12) 1,3-Dichlorobenzene	7.549	146	925318	40.707	ng	99
13) 1,4-Dichlorobenzene	7.696	146	948203	41.396	ng	99
14) 1,2-Dichlorobenzene	8.002	146	910498	41.396	ng	100
15) Benzyl Alcohol	7.896	79	671291	38.829	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.184	45	1079460	38.615	ng	98
17) 2-Methylphenol	8.096	107	684901	39.577	ng	99
18) Hexachloroethane	8.725	117	341819	41.014	ng	96
19) n-Nitroso-di-n-propyla...	8.455	70	543065	37.043	ng	97
20) 3+4-Methylphenols	8.419	107	913553	38.096	ng	100
22) Acetophenone	8.466	105	1305798	44.786	ng	99
24) Nitrobenzene	8.837	77	836382	40.944	ng	99
25) Isophorone	9.361	82	1527024	38.143	ng	99
26) 2-Nitrophenol	9.537	139	434752	42.060	ng	98
27) 2,4-Dimethylphenol	9.608	122	736511	39.515	ng	99
28) bis(2-Chloroethoxy)met...	9.837	93	999399	39.860	ng	99
29) 2,4-Dichlorophenol	10.072	162	786118	42.199	ng	100
30) 1,2,4-Trichlorobenzene	10.284	180	842963	44.437	ng	98
31) Naphthalene	10.472	128	2503051	40.376	ng	99
32) Benzoic acid	9.749	122	602911	38.412	ng	99
33) 4-Chloroaniline	10.572	127	553511	20.995	ng	99
34) Hexachlorobutadiene	10.760	225	542999	44.012	ng	99
35) Caprolactam	11.355	113	215228	32.265	ng	99
36) 4-Chloro-3-methylphenol	11.707	107	759801	38.374	ng	99
37) 2-Methylnaphthalene	12.084	142	1567949	35.676	ng	99
38) 1-Methylnaphthalene	12.307	142	1622827	37.778	ng	100
40) 1,2,4,5-Tetrachloroben...	12.454	216	1021011	52.012	ng	100
41) Hexachlorocyclopentadiene	12.443	237	1013802	78.911	ng	99
43) 2,4,6-Trichlorophenol	12.702	196	597730	44.415	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026226.D
Acq On : 03 Dec 2025 14:15
Operator : RC/JU
Sample : PB170797BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170797BS

Quant Time: Dec 03 14:37:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

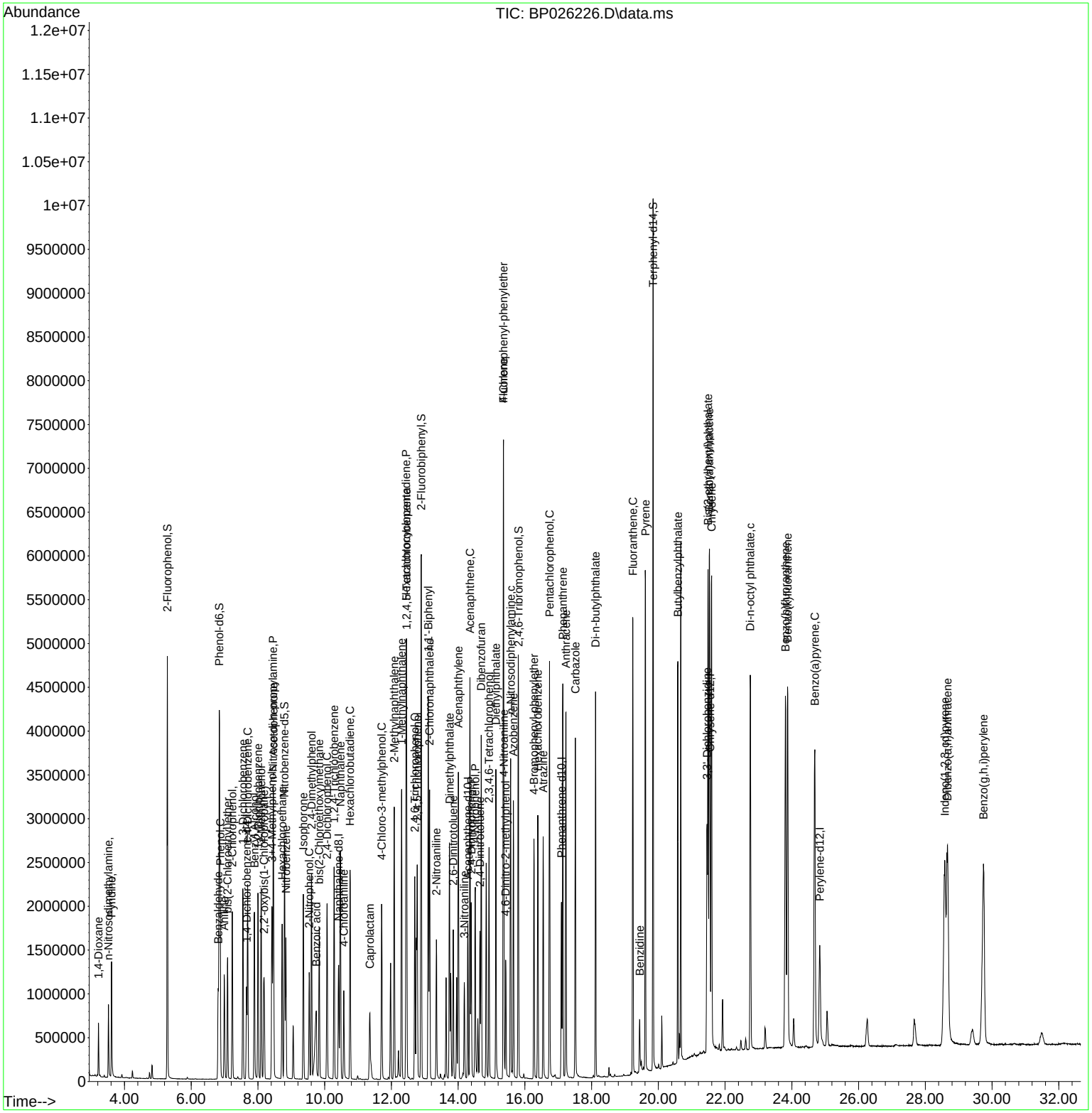
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	656882	43.727	ng	98
46) 1,1'-Biphenyl	13.107	154	2370338	48.488	ng	99
47) 2-Chloronaphthalene	13.143	162	1680774	43.723	ng	99
48) 2-Nitroaniline	13.349	65	438136	40.986	ng	97
49) Acenaphthylene	14.007	152	2698047	42.551	ng	99
50) Dimethylphthalate	13.743	163	1962356	40.470	ng	100
51) 2,6-Dinitrotoluene	13.854	165	429654	44.718	ng	100
52) Acenaphthene	14.354	154	1527333	41.102	ng	100
53) 3-Nitroaniline	14.184	138	331041	29.263	ng	99
54) 2,4-Dinitrophenol	14.396	184	467669	80.635	ng	97
55) Dibenzofuran	14.690	168	2371691	41.208	ng	99
56) 4-Nitrophenol	14.513	139	688619	67.288	ng	95
57) 2,4-Dinitrotoluene	14.654	165	578242	40.307	ng	99
58) Fluorene	15.354	166	1866188	41.023	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.925	232	544996	42.764	ng	99
60) Diethylphthalate	15.131	149	1881013	38.509	ng	100
61) 4-Chlorophenyl-phenyle...	15.354	204	937244	41.408	ng	98
62) 4-Nitroaniline	15.372	138	380063	32.353	ng	95
63) Azobenzene	15.654	77	1663382	40.386	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	314048	42.412	ng	94
66) n-Nitrosodiphenylamine	15.572	169	1616177	44.825	ng	100
67) 4-Bromophenyl-phenylether	16.272	248	596462	46.208	ng	99
68) Hexachlorobenzene	16.390	284	688817	45.987	ng	96
69) Atrazine	16.548	200	565123	41.565	ng	99
70) Pentachlorophenol	16.737	266	911517	86.996	ng	99
71) Phenanthrene	17.137	178	2822824	42.992	ng	100
72) Anthracene	17.231	178	2815835	42.047	ng	99
73) Carbazole	17.513	167	2603008	40.924	ng	99
74) Di-n-butylphthalate	18.119	149	3086008	40.925	ng	99
75) Fluoranthene	19.236	202	3279889	41.114	ng	98
77) Benzidine	19.442	184	565563m	13.856	ng	
78) Pyrene	19.613	202	3462209	41.056	ng	100
80) Butylbenzylphthalate	20.583	149	1528860	41.168	ng	96
81) Benzo(a)anthracene	21.525	228	3712065	42.025	ng	100
82) 3,3'-Dichlorobenzidine	21.460	252	1044243	32.509	ng	99
83) Chrysene	21.595	228	3580792	43.015	ng	100
84) Bis(2-ethylhexyl)phtha...	21.489	149	2374531	42.238	ng	99
85) Di-n-octyl phthalate	22.754	149	4126452	41.978	ng	99
87) Indeno(1,2,3-cd)pyrene	28.583	276	4807139	47.535	ng	97
88) Benzo(b)fluoranthene	23.807	252	3889091	47.360	ng	99
89) Benzo(k)fluoranthene	23.872	252	3945131	48.100	ng	100
90) Benzo(a)pyrene	24.689	252	3693192	47.480	ng	99
91) Dibenzo(a,h)anthracene	28.665	278	3969859	47.955	ng	98
92) Benzo(g,h,i)perylene	29.742	276	3952702	48.039	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026226.D
Acq On : 03 Dec 2025 14:15
Operator : RC/JU
Sample : PB170797BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170797BS

Quant Time: Dec 03 14:37:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



Raw Data: **BP026236.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525MS	SDG No.:	Q3741
Lab Sample ID:	Q3741-06MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	85.9
Sample Wt/Vol:	30.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541 Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2100		1	180	380	ug/Kg	12/03/25 21:05	PB170797
108-95-2	Phenol	1700		1	25.7	200	ug/Kg	12/03/25 21:05	PB170797
111-44-4	bis(2-Chloroethyl)ether	1700		1	28.2	200	ug/Kg	12/03/25 21:05	PB170797
95-57-8	2-Chlorophenol	1800		1	28.3	200	ug/Kg	12/03/25 21:05	PB170797
95-48-7	2-Methylphenol	1700		1	34.7	200	ug/Kg	12/03/25 21:05	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	1600		1	43.6	200	ug/Kg	12/03/25 21:05	PB170797
98-86-2	Acetophenone	1700		1	34.3	200	ug/Kg	12/03/25 21:05	PB170797
65794-96-9	3+4-Methylphenols	1700		1	47.7	380	ug/Kg	12/03/25 21:05	PB170797
621-64-7	n-Nitroso-di-n-propylamine	1600		1	55.1	92.9	ug/Kg	12/03/25 21:05	PB170797
67-72-1	Hexachloroethane	1700		1	20.4	200	ug/Kg	12/03/25 21:05	PB170797
98-95-3	Nitrobenzene	1700		1	21.3	200	ug/Kg	12/03/25 21:05	PB170797
78-59-1	Isophorone	1600		1	38.1	200	ug/Kg	12/03/25 21:05	PB170797
88-75-5	2-Nitrophenol	1800		1	67.6	200	ug/Kg	12/03/25 21:05	PB170797
105-67-9	2,4-Dimethylphenol	1700		1	75.3	200	ug/Kg	12/03/25 21:05	PB170797
111-91-1	bis(2-Chloroethoxy)methane	1600		1	35.8	200	ug/Kg	12/03/25 21:05	PB170797
120-83-2	2,4-Dichlorophenol	1800		1	32.9	200	ug/Kg	12/03/25 21:05	PB170797
91-20-3	Naphthalene	1700		1	26.4	200	ug/Kg	12/03/25 21:05	PB170797
106-47-8	4-Chloroaniline	370		1	41.1	200	ug/Kg	12/03/25 21:05	PB170797
87-68-3	Hexachlorobutadiene	1800		1	29.4	200	ug/Kg	12/03/25 21:05	PB170797
105-60-2	Caprolactam	1400		1	60.5	380	ug/Kg	12/03/25 21:05	PB170797
59-50-7	4-Chloro-3-methylphenol	1700		1	33.3	200	ug/Kg	12/03/25 21:05	PB170797
91-57-6	2-Methylnaphthalene	1600		1	29.7	200	ug/Kg	12/03/25 21:05	PB170797
77-47-4	Hexachlorocyclopentadiene	3200	E	1	130	380	ug/Kg	12/03/25 21:05	PB170797
88-06-2	2,4,6-Trichlorophenol	1900		1	23.0	200	ug/Kg	12/03/25 21:05	PB170797
95-95-4	2,4,5-Trichlorophenol	1800		1	33.8	200	ug/Kg	12/03/25 21:05	PB170797
92-52-4	1,1-Biphenyl	1800		1	25.3	200	ug/Kg	12/03/25 21:05	PB170797
91-58-7	2-Chloronaphthalene	1800		1	26.1	200	ug/Kg	12/03/25 21:05	PB170797
88-74-4	2-Nitroaniline	1700		1	55.9	200	ug/Kg	12/03/25 21:05	PB170797
131-11-3	Dimethylphthalate	1700		1	31.5	200	ug/Kg	12/03/25 21:05	PB170797
208-96-8	Acenaphthylene	1800		1	33.6	200	ug/Kg	12/03/25 21:05	PB170797
606-20-2	2,6-Dinitrotoluene	1900		1	39.0	200	ug/Kg	12/03/25 21:05	PB170797
99-09-2	3-Nitroaniline	540		1	53.4	200	ug/Kg	12/03/25 21:05	PB170797
83-32-9	Acenaphthene	1700		1	24.7	200	ug/Kg	12/03/25 21:05	PB170797
51-28-5	2,4-Dinitrophenol	2800		1	270	380	ug/Kg	12/03/25 21:05	PB170797
100-02-7	4-Nitrophenol	2800		1	120	380	ug/Kg	12/03/25 21:05	PB170797
132-64-9	Dibenzofuran	1800		1	26.4	200	ug/Kg	12/03/25 21:05	PB170797
121-14-2	2,4-Dinitrotoluene	1700		1	58.2	200	ug/Kg	12/03/25 21:05	PB170797
84-66-2	Diethylphthalate	1700		1	32.9	200	ug/Kg	12/03/25 21:05	PB170797
7005-72-3	4-Chlorophenyl-phenylether	1700		1	31.0	200	ug/Kg	12/03/25 21:05	PB170797
86-73-7	Fluorene	1700		1	29.4	200	ug/Kg	12/03/25 21:05	PB170797
100-01-6	4-Nitroaniline	1200		1	74.6	200	ug/Kg	12/03/25 21:05	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	1600		1	120	380	ug/Kg	12/03/25 21:05	PB170797

Raw Data: **BP026236.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	11/25/25
Project:	Building 50 Probe Investigation			Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525MS			SDG No.:	Q3741
Lab Sample ID:	Q3741-06MS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	85.9
Sample Wt/Vol:	30.07 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date:	12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900		1	38.2	200	ug/Kg	12/03/25 21:05	PB170797
101-55-3	4-Bromophenyl-phenylether	2000		1	32.3	200	ug/Kg	12/03/25 21:05	PB170797
118-74-1	Hexachlorobenzene	2000		1	29.4	200	ug/Kg	12/03/25 21:05	PB170797
1912-24-9	Atrazine	1800		1	39.5	200	ug/Kg	12/03/25 21:05	PB170797
87-86-5	Pentachlorophenol	3600	E	1	59.6	380	ug/Kg	12/03/25 21:05	PB170797
85-01-8	Phenanthrene	2200		1	24.3	200	ug/Kg	12/03/25 21:05	PB170797
120-12-7	Anthracene	1900		1	38.7	200	ug/Kg	12/03/25 21:05	PB170797
86-74-8	Carbazole	1700		1	36.2	200	ug/Kg	12/03/25 21:05	PB170797
84-74-2	Di-n-butylphthalate	1800		1	55.6	200	ug/Kg	12/03/25 21:05	PB170797
206-44-0	Fluoranthene	2100		1	34.8	200	ug/Kg	12/03/25 21:05	PB170797
129-00-0	Pyrene	2300		1	41.8	200	ug/Kg	12/03/25 21:05	PB170797
85-68-7	Butylbenzylphthalate	1900		1	82.9	200	ug/Kg	12/03/25 21:05	PB170797
91-94-1	3,3-Dichlorobenzidine	690		1	42.6	380	ug/Kg	12/03/25 21:05	PB170797
56-55-3	Benzo(a)anthracene	2000		1	26.7	200	ug/Kg	12/03/25 21:05	PB170797
218-01-9	Chrysene	2100		1	23.1	200	ug/Kg	12/03/25 21:05	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	1800		1	68.8	200	ug/Kg	12/03/25 21:05	PB170797
117-84-0	Di-n-octyl phthalate	1700		1	100	380	ug/Kg	12/03/25 21:05	PB170797
205-99-2	Benzo(b)fluoranthene	2100		1	22.1	200	ug/Kg	12/03/25 21:05	PB170797
207-08-9	Benzo(k)fluoranthene	2000		1	26.0	200	ug/Kg	12/03/25 21:05	PB170797
50-32-8	Benzo(a)pyrene	2100		1	34.3	200	ug/Kg	12/03/25 21:05	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	2000		1	33.8	200	ug/Kg	12/03/25 21:05	PB170797
53-70-3	Dibenzo(a,h)anthracene	1900		1	31.8	200	ug/Kg	12/03/25 21:05	PB170797
191-24-2	Benzo(g,h,i)perylene	2000		1	29.8	200	ug/Kg	12/03/25 21:05	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		1	29.7	200	ug/Kg	12/03/25 21:05	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	1800		1	31.8	200	ug/Kg	12/03/25 21:05	PB170797
SURROGATES									
367-12-4	2-Fluorophenol	59.1			10 - 105	39%	SPK: 150		
13127-88-3	Phenol-d6	79.0			10 - 103	53%	SPK: 150		
4165-60-0	Nitrobenzene-d5	56.4			10 - 108	56%	SPK: 100		
321-60-8	2-Fluorobiphenyl	60.6			10 - 108	61%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	50.8			10 - 116	34%	SPK: 150		
1718-51-0	Terphenyl-d14	63.6			10 - 109	64%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	313000							
1146-65-2	Naphthalene-d8	1250000							
15067-26-2	Acenaphthene-d10	746000							
1517-22-2	Phenanthrene-d10	1320000							
1719-03-5	Chrysene-d12	1250000							
1520-96-3	Perylene-d12	1480000							

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	11/25/25
Project:	Building 50 Probe Investigation			Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525MS			SDG No.:	Q3741
Lab Sample ID:	Q3741-06MS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	85.9
Sample Wt/Vol:	30.07 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date:	12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Sample Results: **BP026236.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026236.D
Acq On : 03 Dec 2025 21:05
Operator : RC/JU
Sample : Q3741-06MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

Quant Time: Dec 04 00:06:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	313434	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	1249991	20.000	ng	-0.02
39) Acenaphthene-d10	14.284	164	745833	20.000	ng	-0.04
64) Phenanthrene-d10	17.078	188	1318463	20.000	ng	-0.05
76) Chrysene-d12	21.525	240	1246073	20.000	ng	-0.05
86) Perylene-d12	24.819	264	1483998	20.000	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1154311	59.112	ng	0.00
7) Phenol-d6	6.849	99	1963983	79.002	ng	0.00
23) Nitrobenzene-d5	8.802	82	1241260	56.406	ng	-0.01
42) 2,4,6-Tribromophenol	15.795	330	491250	50.774	ng	-0.04
45) 2-Fluorobiphenyl	12.896	172	3086393	60.649	ng	-0.04
79) Terphenyl-d14	19.819	244	3883780	63.553	ng	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	300166	37.898	ng	97
3) Pyridine	3.614	79	823933	35.996	ng	99
4) n-Nitrosodimethylamine	3.520	42	365986	42.782	ng	93
6) Aniline	6.996	93	529083	16.119	ng	99
8) 2-Chlorophenol	7.237	128	1013234	45.585	ng	99
9) Benzaldehyde	6.814	77	709595	54.468	ng	99
10) Phenol	6.872	94	1187672	44.348	ng	97
11) bis(2-Chloroethyl)ether	7.090	93	925121	44.118	ng	98
12) 1,3-Dichlorobenzene	7.555	146	1079728	45.089	ng	99
13) 1,4-Dichlorobenzene	7.690	146	1092256	45.265	ng	99
14) 1,2-Dichlorobenzene	8.008	146	1059078	45.707	ng	99
15) Benzyl Alcohol	7.896	79	804023	44.146	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.172	45	1196467	40.628	ng	99
17) 2-Methylphenol	8.102	107	818204	44.880	ng	99
18) Hexachloroethane	8.731	117	389641	44.379	ng	94
19) n-Nitroso-di-n-propyla...	8.461	70	640443	41.468	ng	99
20) 3+4-Methylphenols	8.425	107	1088661	43.094	ng	99
22) Acetophenone	8.472	105	1370538	43.137	ng	100
24) Nitrobenzene	8.843	77	963384	43.279	ng	99
25) Isophorone	9.366	82	1828275	41.908	ng	99
26) 2-Nitrophenol	9.543	139	516683	45.871	ng	97
27) 2,4-Dimethylphenol	9.613	122	912013	44.903	ng	99
28) bis(2-Chloroethoxy)met...	9.843	93	1157496	42.364	ng	99
29) 2,4-Dichlorophenol	10.078	162	949384	46.768	ng	99
30) 1,2,4-Trichlorobenzene	10.290	180	998954	48.325	ng	99
31) Naphthalene	10.472	128	2998003	44.379	ng	99
32) Benzoic acid	9.755	122	628601	36.752	ng	99
33) 4-Chloroaniline	10.584	127	275102	9.576	ng	100
34) Hexachlorobutadiene	10.766	225	638885	47.521	ng	99
35) Caprolactam	11.366	113	272218	37.449	ng	99
36) 4-Chloro-3-methylphenol	11.713	107	938148	43.481	ng	99
37) 2-Methylnaphthalene	12.090	142	1930370	40.306	ng	99
38) 1-Methylnaphthalene	12.307	142	2010001	42.938	ng	99
40) 1,2,4,5-Tetrachloroben...	12.460	216	1124250	49.851	ng	100
41) Hexachlorocyclopentadiene	12.449	237	1228806	83.255	ng	100
43) 2,4,6-Trichlorophenol	12.707	196	750595	48.548	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026236.D
Acq On : 03 Dec 2025 21:05
Operator : RC/JU
Sample : Q3741-06MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

Quant Time: Dec 04 00:06:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

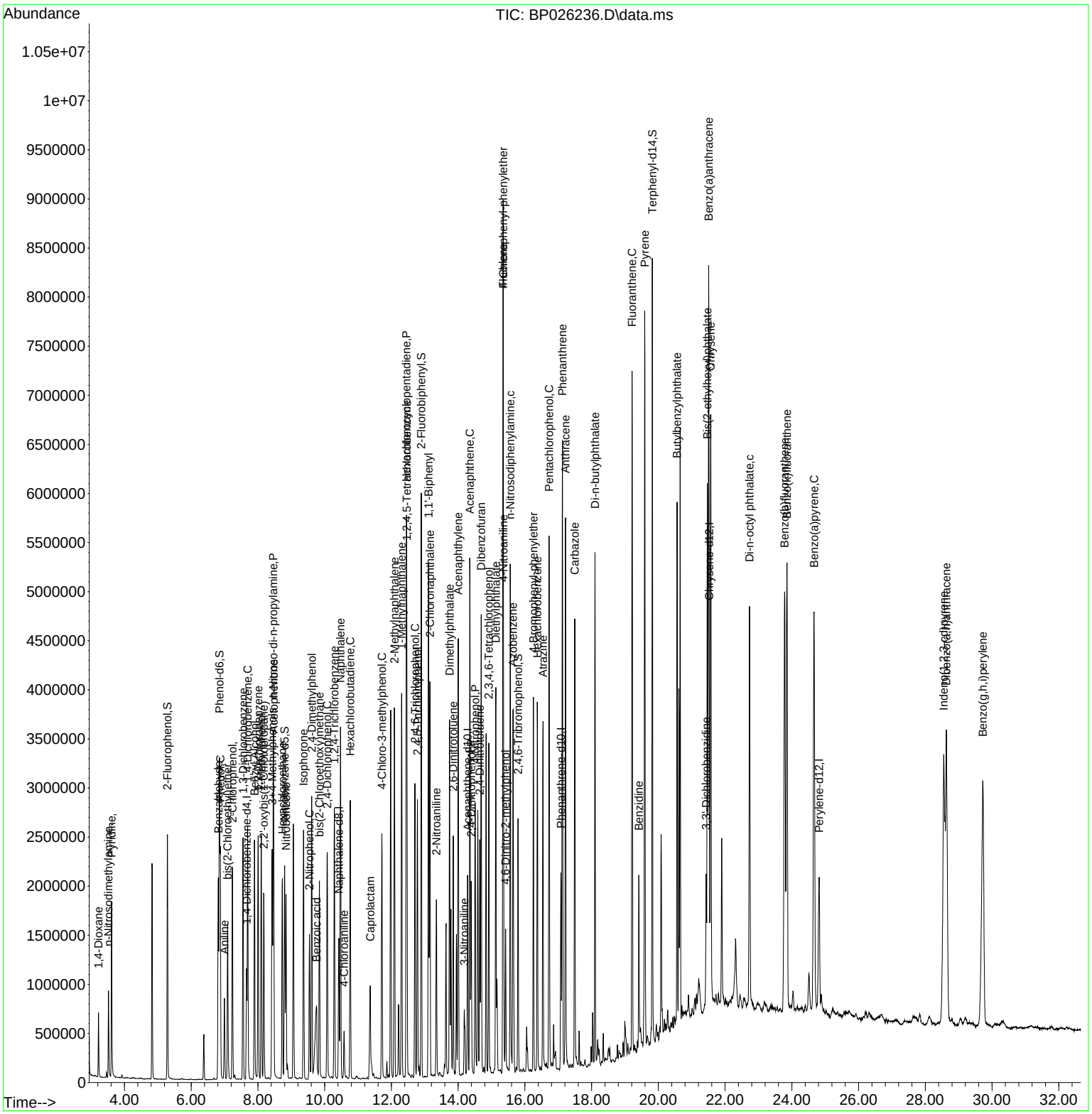
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	815293	47.241	ng		98
46) 1,1'-Biphenyl	13.113	154	2617261	46.603	ng		99
47) 2-Chloronaphthalene	13.154	162	2052189	46.469	ng		100
48) 2-Nitroaniline	13.349	65	529793	43.140	ng		97
49) Acenaphthylene	14.001	152	3432258	47.117	ng		99
50) Dimethylphthalate	13.743	163	2448681	43.957	ng		100
51) 2,6-Dinitrotoluene	13.854	165	534714	48.443	ng		97
52) Acenaphthene	14.349	154	1922197	45.027	ng		100
53) 3-Nitroaniline	14.184	138	180809	13.912	ng		98
54) 2,4-Dinitrophenol	14.390	184	476828	71.564	ng		97
55) Dibenzofuran	14.690	168	3024370	45.741	ng		99
56) 4-Nitrophenol	14.513	139	838681	71.334	ng		94
57) 2,4-Dinitrotoluene	14.648	165	719135	43.634	ng		99
58) Fluorene	15.348	166	2360135	45.160	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.919	232	683595	46.690	ng		99
60) Diethylphthalate	15.131	149	2408887	42.927	ng		100
61) 4-Chlorophenyl-phenyle...	15.348	204	1172218	45.080	ng		98
62) 4-Nitroaniline	15.360	138	420856	31.185	ng		95
63) Azobenzene	15.643	77	2228100	47.089	ng		99
65) 4,6-Dinitro-2-methylph...	15.425	198	355941	42.495	ng		99
66) n-Nitrosodiphenylamine	15.560	169	2037328	49.952	ng		100
67) 4-Bromophenyl-phenylether	16.254	248	760025	52.051	ng		99
68) Hexachlorobenzene	16.372	284	863379	50.957	ng		99
69) Atrazine	16.543	200	721047	46.883	ng		99
70) Pentachlorophenol	16.725	266	1103762	93.128	ng		99
71) Phenanthrene	17.125	178	4188721	56.397	ng		100
72) Anthracene	17.219	178	3646141	48.131	ng		99
73) Carbazole	17.495	167	3204127	44.533	ng		99
74) Di-n-butylphthalate	18.101	149	3886458	45.563	ng		100
75) Fluoranthene	19.213	202	4899352	54.292	ng		99
77) Benzidine	19.413	184	1208779	30.567	ng		99
78) Pyrene	19.589	202	4896523	59.931	ng		99
80) Butylbenzylphthalate	20.560	149	1732728	48.157	ng		99
81) Benzo(a)anthracene	21.507	228	4408419	51.513	ng		100
82) 3,3'-Dichlorobenzidine	21.430	252	557720	17.921	ng		99
83) Chrysene	21.566	228	4306722	53.399	ng		99
84) Bis(2-ethylhexyl)phtha...	21.466	149	2483462	45.596	ng		100
85) Di-n-octyl phthalate	22.730	149	4242545	44.546	ng		98
87) Indeno(1,2,3-cd)pyrene	28.554	276	5678546	51.022	ng	#	94
88) Benzo(b)fluoranthene	23.783	252	4894666	54.160	ng		99
89) Benzo(k)fluoranthene	23.854	252	4551117	50.419	ng		100
90) Benzo(a)pyrene	24.666	252	4727132	55.221	ng		99
91) Dibenzo(a,h)anthracene	28.630	278	4466977	49.030	ng		98
92) Benzo(g,h,i)perylene	29.724	276	4778559	52.770	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026236.D
Acq On : 03 Dec 2025 21:05
Operator : RC/JU
Sample : Q3741-06MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

Quant Time: Dec 04 00:06:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525MSD	SDG No.:	Q3741
Lab Sample ID:	Q3741-06MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	85.9
Sample Wt/Vol:	30.02 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541 Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2000		1	180	380	ug/Kg	12/03/25 21:46	PB170797
108-95-2	Phenol	1600		1	25.7	200	ug/Kg	12/03/25 21:46	PB170797
111-44-4	bis(2-Chloroethyl)ether	1600		1	28.3	200	ug/Kg	12/03/25 21:46	PB170797
95-57-8	2-Chlorophenol	1600		1	28.4	200	ug/Kg	12/03/25 21:46	PB170797
95-48-7	2-Methylphenol	1600		1	34.8	200	ug/Kg	12/03/25 21:46	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	1500		1	43.6	200	ug/Kg	12/03/25 21:46	PB170797
98-86-2	Acetophenone	1600		1	34.3	200	ug/Kg	12/03/25 21:46	PB170797
65794-96-9	3+4-Methylphenols	1500		1	47.8	380	ug/Kg	12/03/25 21:46	PB170797
621-64-7	n-Nitroso-di-n-propylamine	1500		1	55.1	93.1	ug/Kg	12/03/25 21:46	PB170797
67-72-1	Hexachloroethane	1700		1	20.5	200	ug/Kg	12/03/25 21:46	PB170797
98-95-3	Nitrobenzene	1600		1	21.3	200	ug/Kg	12/03/25 21:46	PB170797
78-59-1	Isophorone	1500		1	38.2	200	ug/Kg	12/03/25 21:46	PB170797
88-75-5	2-Nitrophenol	1700		1	67.7	200	ug/Kg	12/03/25 21:46	PB170797
105-67-9	2,4-Dimethylphenol	1600		1	75.4	200	ug/Kg	12/03/25 21:46	PB170797
111-91-1	bis(2-Chloroethoxy)methane	1600		1	35.8	200	ug/Kg	12/03/25 21:46	PB170797
120-83-2	2,4-Dichlorophenol	1600		1	32.9	200	ug/Kg	12/03/25 21:46	PB170797
91-20-3	Naphthalene	1600		1	26.4	200	ug/Kg	12/03/25 21:46	PB170797
106-47-8	4-Chloroaniline	360		1	41.2	200	ug/Kg	12/03/25 21:46	PB170797
87-68-3	Hexachlorobutadiene	1800		1	29.4	200	ug/Kg	12/03/25 21:46	PB170797
105-60-2	Caprolactam	1300		1	60.6	380	ug/Kg	12/03/25 21:46	PB170797
59-50-7	4-Chloro-3-methylphenol	1500		1	33.4	200	ug/Kg	12/03/25 21:46	PB170797
91-57-6	2-Methylnaphthalene	1500		1	29.8	200	ug/Kg	12/03/25 21:46	PB170797
77-47-4	Hexachlorocyclopentadiene	3400	E	1	130	380	ug/Kg	12/03/25 21:46	PB170797
88-06-2	2,4,6-Trichlorophenol	1800		1	23.0	200	ug/Kg	12/03/25 21:46	PB170797
95-95-4	2,4,5-Trichlorophenol	1800		1	33.9	200	ug/Kg	12/03/25 21:46	PB170797
92-52-4	1,1-Biphenyl	1800		1	25.4	200	ug/Kg	12/03/25 21:46	PB170797
91-58-7	2-Chloronaphthalene	1700		1	26.2	200	ug/Kg	12/03/25 21:46	PB170797
88-74-4	2-Nitroaniline	1600		1	56.0	200	ug/Kg	12/03/25 21:46	PB170797
131-11-3	Dimethylphthalate	1700		1	31.5	200	ug/Kg	12/03/25 21:46	PB170797
208-96-8	Acenaphthylene	1800		1	33.6	200	ug/Kg	12/03/25 21:46	PB170797
606-20-2	2,6-Dinitrotoluene	1800		1	39.1	200	ug/Kg	12/03/25 21:46	PB170797
99-09-2	3-Nitroaniline	570		1	53.5	200	ug/Kg	12/03/25 21:46	PB170797
83-32-9	Acenaphthene	1700		1	24.8	200	ug/Kg	12/03/25 21:46	PB170797
51-28-5	2,4-Dinitrophenol	3000		1	270	380	ug/Kg	12/03/25 21:46	PB170797
100-02-7	4-Nitrophenol	2700		1	120	380	ug/Kg	12/03/25 21:46	PB170797
132-64-9	Dibenzofuran	1700		1	26.4	200	ug/Kg	12/03/25 21:46	PB170797
121-14-2	2,4-Dinitrotoluene	1600		1	58.3	200	ug/Kg	12/03/25 21:46	PB170797
84-66-2	Diethylphthalate	1600		1	32.9	200	ug/Kg	12/03/25 21:46	PB170797
7005-72-3	4-Chlorophenyl-phenylether	1700		1	31.1	200	ug/Kg	12/03/25 21:46	PB170797
86-73-7	Fluorene	1700		1	29.4	200	ug/Kg	12/03/25 21:46	PB170797
100-01-6	4-Nitroaniline	1100		1	74.7	200	ug/Kg	12/03/25 21:46	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	1700		1	120	380	ug/Kg	12/03/25 21:46	PB170797

Raw Data: **BP026237.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525MSD	SDG No.:	Q3741
Lab Sample ID:	Q3741-06MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	85.9
Sample Wt/Vol:	30.02 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541 Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1800		1	38.3	200	ug/Kg	12/03/25 21:46	PB170797
101-55-3	4-Bromophenyl-phenylether	1900		1	32.3	200	ug/Kg	12/03/25 21:46	PB170797
118-74-1	Hexachlorobenzene	1900		1	29.4	200	ug/Kg	12/03/25 21:46	PB170797
1912-24-9	Atrazine	1700		1	39.6	200	ug/Kg	12/03/25 21:46	PB170797
87-86-5	Pentachlorophenol	3500	E	1	59.7	380	ug/Kg	12/03/25 21:46	PB170797
85-01-8	Phenanthrene	2100		1	24.3	200	ug/Kg	12/03/25 21:46	PB170797
120-12-7	Anthracene	1800		1	38.7	200	ug/Kg	12/03/25 21:46	PB170797
86-74-8	Carbazole	1700		1	36.3	200	ug/Kg	12/03/25 21:46	PB170797
84-74-2	Di-n-butylphthalate	1700		1	55.7	200	ug/Kg	12/03/25 21:46	PB170797
206-44-0	Fluoranthene	2100		1	34.9	200	ug/Kg	12/03/25 21:46	PB170797
129-00-0	Pyrene	2100		1	41.9	200	ug/Kg	12/03/25 21:46	PB170797
85-68-7	Butylbenzylphthalate	1700		1	83.1	200	ug/Kg	12/03/25 21:46	PB170797
91-94-1	3,3-Dichlorobenzidine	630		1	42.7	380	ug/Kg	12/03/25 21:46	PB170797
56-55-3	Benzo(a)anthracene	1900		1	26.8	200	ug/Kg	12/03/25 21:46	PB170797
218-01-9	Chrysene	1900		1	23.2	200	ug/Kg	12/03/25 21:46	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	1700		1	68.9	200	ug/Kg	12/03/25 21:46	PB170797
117-84-0	Di-n-octyl phthalate	1700		1	100	380	ug/Kg	12/03/25 21:46	PB170797
205-99-2	Benzo(b)fluoranthene	2000		1	22.1	200	ug/Kg	12/03/25 21:46	PB170797
207-08-9	Benzo(k)fluoranthene	1800		1	26.1	200	ug/Kg	12/03/25 21:46	PB170797
50-32-8	Benzo(a)pyrene	2000		1	34.3	200	ug/Kg	12/03/25 21:46	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	1900		1	33.9	200	ug/Kg	12/03/25 21:46	PB170797
53-70-3	Dibenzo(a,h)anthracene	1800		1	31.9	200	ug/Kg	12/03/25 21:46	PB170797
191-24-2	Benzo(g,h,i)perylene	2000		1	29.9	200	ug/Kg	12/03/25 21:46	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		1	29.8	200	ug/Kg	12/03/25 21:46	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	1700		1	31.9	200	ug/Kg	12/03/25 21:46	PB170797
SURROGATES									
367-12-4	2-Fluorophenol	55.1			10 - 105	37%	SPK: 150		
13127-88-3	Phenol-d6	72.3			10 - 103	48%	SPK: 150		
4165-60-0	Nitrobenzene-d5	53.8			10 - 108	54%	SPK: 100		
321-60-8	2-Fluorobiphenyl	58.6			10 - 108	59%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	48.5			10 - 116	32%	SPK: 150		
1718-51-0	Terphenyl-d14	57.3			10 - 109	57%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	296000							
1146-65-2	Naphthalene-d8	1140000							
15067-26-2	Acenaphthene-d10	628000							
1517-22-2	Phenanthrene-d10	1150000							
1719-03-5	Chrysene-d12	1240000							
1520-96-3	Perylene-d12	1500000							

Raw Data: **BP026237.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	11/25/25
Project:	Building 50 Probe Investigation			Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525MSD			SDG No.:	Q3741
Lab Sample ID:	Q3741-06MSD			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	85.9
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date:	12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Sample Results: **BP026237.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026237.D
Acq On : 03 Dec 2025 21:46
Operator : RC/JU
Sample : Q3741-06MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

Quant Time: Dec 04 00:08:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.655	152	295680	20.000	ng		-0.02
21) Naphthalene-d8	10.419	136	1135347	20.000	ng		-0.03
39) Acenaphthene-d10	14.284	164	627837	20.000	ng		-0.04
64) Phenanthrene-d10	17.084	188	1150582	20.000	ng		-0.05
76) Chrysene-d12	21.536	240	1237506	20.000	ng		-0.03
86) Perylene-d12	24.830	264	1496005	20.000	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.284	112	1014687	55.082	ng		0.00
7) Phenol-d6	6.837	99	1696400	72.335	ng		-0.02
23) Nitrobenzene-d5	8.796	82	1075173	53.792	ng		-0.02
42) 2,4,6-Tribromophenol	15.801	330	395326	48.539	ng		-0.04
45) 2-Fluorobiphenyl	12.896	172	2510601	58.606	ng		-0.04
79) Terphenyl-d14	19.831	244	3474585	57.251	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.220	88	279660	37.429	ng		98
3) Pyridine	3.614	79	766974	35.519	ng		98
4) n-Nitrosodimethylamine	3.520	42	335122	41.526	ng		94
6) Aniline	6.990	93	434674	14.038	ng		99
8) 2-Chlorophenol	7.231	128	890196	42.454	ng		99
9) Benzaldehyde	6.808	77	625155	50.868	ng		97
10) Phenol	6.867	94	1024401	40.548	ng		98
11) bis(2-Chloroethyl)ether	7.084	93	825382	41.725	ng		97
12) 1,3-Dichlorobenzene	7.549	146	984343	43.574	ng		100
13) 1,4-Dichlorobenzene	7.690	146	988365	43.419	ng		99
14) 1,2-Dichlorobenzene	8.002	146	950178	43.469	ng		99
15) Benzyl Alcohol	7.896	79	684906	39.864	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.172	45	1057387	38.061	ng		99
17) 2-Methylphenol	8.090	107	693202	40.307	ng		99
18) Hexachloroethane	8.725	117	353887	42.727	ng		96
19) n-Nitroso-di-n-propyla...	8.455	70	554403	38.053	ng		97
20) 3+4-Methylphenols	8.419	107	920395	38.621	ng		99
22) Acetophenone	8.461	105	1195939	41.442	ng	#	99
24) Nitrobenzene	8.837	77	839666	41.530	ng		99
25) Isophorone	9.361	82	1549633	39.108	ng		100
26) 2-Nitrophenol	9.543	139	447719	43.762	ng		98
27) 2,4-Dimethylphenol	9.613	122	760887	41.245	ng		100
28) bis(2-Chloroethoxy)met...	9.837	93	992908	40.010	ng		99
29) 2,4-Dichlorophenol	10.072	162	784491	42.547	ng		100
30) 1,2,4-Trichlorobenzene	10.290	180	869195	46.294	ng		99
31) Naphthalene	10.472	128	2599152	42.360	ng		99
32) Benzoic acid	9.743	122	496278	31.945	ng		100
33) 4-Chloroaniline	10.578	127	243703	9.339	ng		98
34) Hexachlorobutadiene	10.760	225	561136	45.952	ng		98
35) Caprolactam	11.360	113	218496	33.094	ng		92
36) 4-Chloro-3-methylphenol	11.707	107	752348	38.391	ng		97
37) 2-Methylnaphthalene	12.084	142	1628726	37.442	ng		99
38) 1-Methylnaphthalene	12.307	142	1659455	39.030	ng		100
40) 1,2,4,5-Tetrachloroben...	12.460	216	936373	49.324	ng		100
41) Hexachlorocyclopentadiene	12.449	237	1103338	88.804	ng		99
43) 2,4,6-Trichlorophenol	12.702	196	603910	46.401	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026237.D
Acq On : 03 Dec 2025 21:46
Operator : RC/JU
Sample : Q3741-06MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

Quant Time: Dec 04 00:08:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

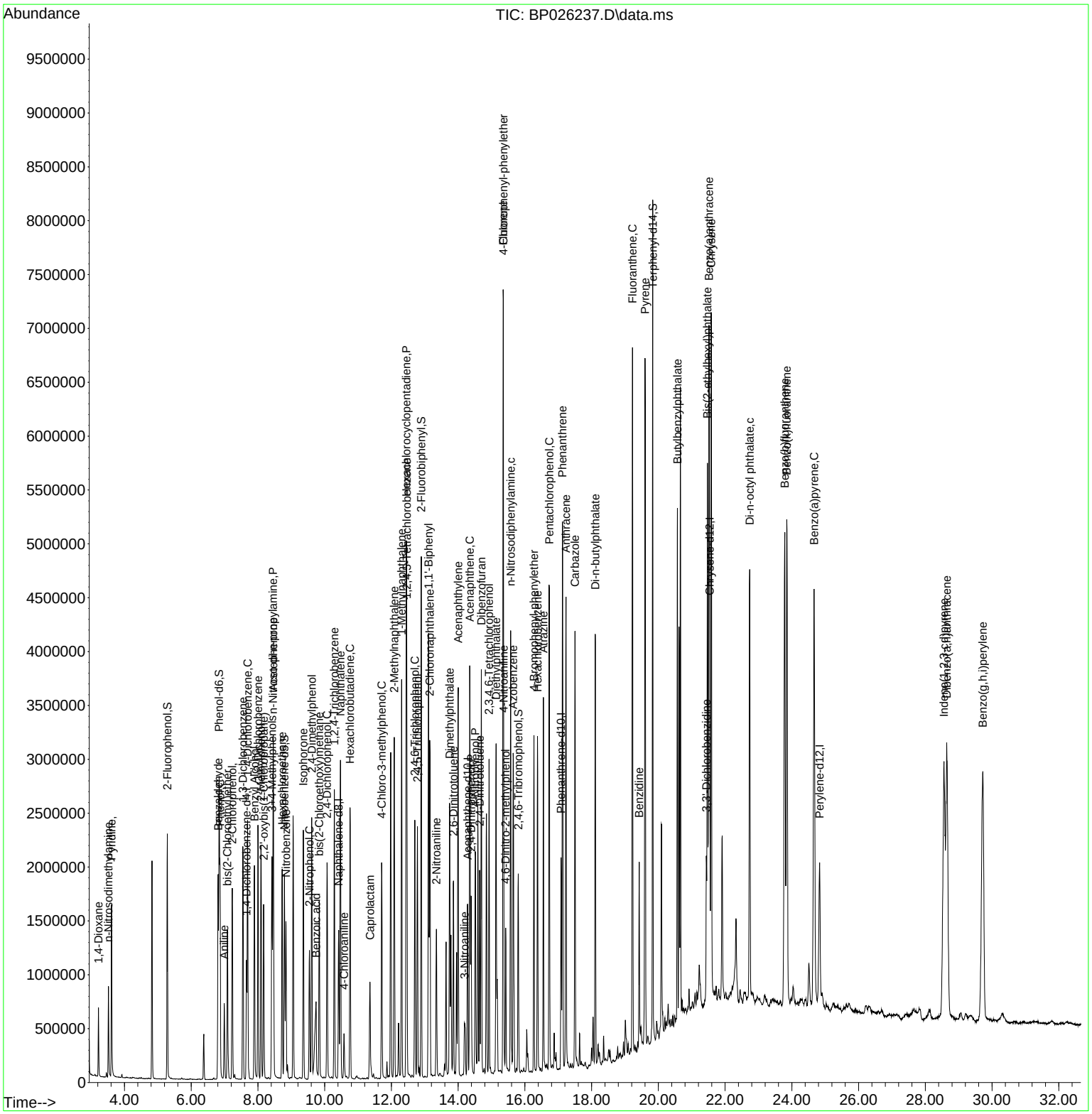
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	656368	45.180	ng	99
46) 1,1'-Biphenyl	13.113	154	2158140	45.650	ng	99
47) 2-Chloronaphthalene	13.149	162	1672289	44.983	ng	99
48) 2-Nitroaniline	13.349	65	425729	41.181	ng	98
49) Acenaphthylene	14.001	152	2779034	45.320	ng	99
50) Dimethylphthalate	13.743	163	2012668	42.921	ng	100
51) 2,6-Dinitrotoluene	13.860	165	426236	45.873	ng	98
52) Acenaphthene	14.349	154	1586435	44.146	ng	99
53) 3-Nitroaniline	14.190	138	161036	14.720	ng	99
54) 2,4-Dinitrophenol	14.390	184	431108	76.862	ng	99
55) Dibenzofuran	14.696	168	2444615	43.921	ng	99
56) 4-Nitrophenol	14.513	139	701626	70.893	ng	96
57) 2,4-Dinitrotoluene	14.643	165	579891	41.798	ng	99
58) Fluorene	15.348	166	1921546	43.678	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.925	232	544526	44.182	ng	99
60) Diethylphthalate	15.137	149	1957355	41.436	ng	99
61) 4-Chlorophenyl-phenyle...	15.354	204	955858	43.668	ng	96
62) 4-Nitroaniline	15.366	138	327547	28.832	ng	96
63) Azobenzene	15.648	77	1821853	45.740	ng	100
65) 4,6-Dinitro-2-methylph...	15.425	198	313196	42.848	ng	95
66) n-Nitrosodiphenylamine	15.572	169	1653493	46.457	ng	98
67) 4-Bromophenyl-phenylether	16.272	248	610125	47.882	ng	98
68) Hexachlorobenzene	16.378	284	712742	48.204	ng	98
69) Atrazine	16.554	200	604557	45.044	ng	99
70) Pentachlorophenol	16.731	266	944051	91.275	ng	99
71) Phenanthrene	17.125	178	3528007	54.432	ng	99
72) Anthracene	17.231	178	3001235	45.399	ng	99
73) Carbazole	17.501	167	2732526	43.519	ng	100
74) Di-n-butylphthalate	18.107	149	3353371	45.050	ng	100
75) Fluoranthene	19.225	202	4365932	55.440	ng	99
77) Benzidine	19.425	184	1110480	28.276	ng	99
78) Pyrene	19.601	202	4442298	54.748	ng	99
80) Butylbenzylphthalate	20.572	149	1594865	44.632	ng	98
81) Benzo(a)anthracene	21.519	228	4257462	50.093	ng	100
82) 3,3'-Dichlorobenzidine	21.436	252	499373	16.157	ng	98
83) Chrysene	21.583	228	3988448	49.795	ng	100
84) Bis(2-ethylhexyl)phtha...	21.472	149	2407902	44.515	ng	99
85) Di-n-octyl phthalate	22.736	149	4093500	43.279	ng	98
87) Indeno(1,2,3-cd)pyrene	28.560	276	5481547	48.857	ng	98
88) Benzo(b)fluoranthene	23.789	252	4609613	50.597	ng	98
89) Benzo(k)fluoranthene	23.848	252	4322090	47.497	ng	99
90) Benzo(a)pyrene	24.666	252	4509069	52.251	ng	98
91) Dibenzo(a,h)anthracene	28.642	278	4304495	46.868	ng	99
92) Benzo(g,h,i)perylene	29.724	276	4597305	50.361	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026237.D
Acq On : 03 Dec 2025 21:46
Operator : RC/JU
Sample : Q3741-06MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

Quant Time: Dec 04 00:08:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	BF110525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF144170.D	Benzo(b)fluoranthene	rahul	11/6/2025 8:43:08 AM	Jagrut	11/6/2025 10:21:01 AM	Peak Integrated by Software
SSTDICV040	BF144177.D	Benzoic acid	rahul	11/6/2025 8:43:11 AM	Jagrut	11/6/2025 10:21:04 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF120325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3741-03	BF144417.D	Benzo(b)fluoranthene	Jagrut	12/4/2025 10:55:50 AM			Peak Integrated by Software
Q3741-03	BF144417.D	Benzo(k)fluoranthene	Jagrut	12/4/2025 10:55:50 AM			Peak Integrated by Software
Q3741-01	BF144419.D	Benzo(b)fluoranthene	Jagrut	12/4/2025 10:55:45 AM			Peak Integrated by Software
Q3741-01	BF144419.D	Benzo(k)fluoranthene	Jagrut	12/4/2025 10:55:45 AM			Peak Integrated by Software
Q3741-02	BF144420.D	Benzo(b)fluoranthene	Jagrut	12/4/2025 10:55:39 AM			Peak Integrated by Software
Q3741-02	BF144420.D	Benzo(k)fluoranthene	Jagrut	12/4/2025 10:55:39 AM			Peak Integrated by Software
Q3741-02	BF144420.D	Chrysene	Jagrut	12/4/2025 10:55:39 AM			Peak Integrated by Software
Q3741-04	BF144421.D	Benzo(b)fluoranthene	Jagrut	12/4/2025 10:56:13 AM			Peak Integrated by Software
Q3741-04	BF144421.D	Benzo(k)fluoranthene	Jagrut	12/4/2025 10:56:13 AM			Peak Integrated by Software
Q3741-04	BF144421.D	Chrysene	Jagrut	12/4/2025 10:56:13 AM			Peak Integrated by Software

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Manual Integration Report

Sequence:	BP111825	Instrument	BNA_p

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

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

Manual Integration Report

Sequence:	bp120325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026224.D	Acenaphthene	Jagrut	12/4/2025 10:46:20 AM			Peak Integrated by Software
PB170797BS	BP026226.D	Benzidine	Jagrut	12/4/2025 10:46:23 AM			Peak Integrated by Software
Q3741-05	BP026227.D	Chrysene	Jagrut	12/4/2025 10:46:26 AM			Peak Integrated by Software
Q3741-06	BP026235.D	Benzo(k)fluoranthene	Jagrut	12/4/2025 10:46:33 AM			Peak Integrated by Software
Q3741-06	BP026235.D	Chrysene	Jagrut	12/4/2025 10:46:33 AM			Peak Integrated by Software

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM				
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM				
SubDirectory	BF110525	HP Acquire Method	BNA_F		HP Processing Method	BF110525	

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144168.D	05 Nov 2025 12:21	RC/JU	Ok
2	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50	RC/JU	Ok
3	SSTDICC005	BF144170.D	05 Nov 2025 13:20	RC/JU	Ok,M
4	SSTDICC010	BF144171.D	05 Nov 2025 13:50	RC/JU	Ok
5	SSTDICC020	BF144172.D	05 Nov 2025 14:20	RC/JU	Ok
6	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	RC/JU	Ok
7	SSTDICC050	BF144174.D	05 Nov 2025 15:49	RC/JU	Ok
8	SSTDICC060	BF144175.D	05 Nov 2025 16:19	RC/JU	Ok
9	SSTDICC080	BF144176.D	05 Nov 2025 16:49	RC/JU	Ok
10	SSTDICV040	BF144177.D	05 Nov 2025 17:21	RC/JU	Ok,M
11	PB170372BL	BF144178.D	05 Nov 2025 18:10	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF120325

Review By	Jagrut	Review On	12/4/2025 10:57:21 AM		
Supervise By		Supervise On			
SubDirectory	BF120325	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13184,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144414.D	03 Dec 2025 11:56	RC/JU	Ok
2	SSTDCCC040	BF144415.D	03 Dec 2025 12:25	RC/JU	Ok
3	PB170797BL	BF144416.D	03 Dec 2025 12:54	RC/JU	Ok
4	Q3741-03	BF144417.D	03 Dec 2025 14:08	RC/JU	Ok,NS
5	Q3753-04	BF144418.D	03 Dec 2025 14:37	RC/JU	Dilution
6	Q3741-01	BF144419.D	03 Dec 2025 15:07	RC/JU	Ok,NS
7	Q3741-02	BF144420.D	03 Dec 2025 15:36	RC/JU	Ok,NS
8	Q3741-04	BF144421.D	03 Dec 2025 16:06	RC/JU	Ok,NS
9	Q3750-01DL	BF144422.D	03 Dec 2025 16:35	RC/JU	Ok,NS
10	Q3750-08	BF144423.D	03 Dec 2025 17:04	RC/JU	Ok
11	Q3753-04DL	BF144424.D	03 Dec 2025 17:34	RC/JU	Ok,NS

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 # BP111825

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

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

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

M : Manual Integration

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 # BP120325

Review By	Jagrut	Review On	12/4/2025 10:47:10 AM		
Supervise By		Supervise On			
SubDirectory	BP120325	HP Acquire Method	BNA_P	HP Processing Method	BP111825

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026223.D	03 Dec 2025 12:13	RC/JU	Ok
2	SSTDCCC040	BP026224.D	03 Dec 2025 12:53	RC/JU	Ok,NS
3	PB170797BL	BP026225.D	03 Dec 2025 13:34	RC/JU	Ok
4	PB170797BS	BP026226.D	03 Dec 2025 14:15	RC/JU	Ok,NS
5	Q3741-05	BP026227.D	03 Dec 2025 14:56	RC/JU	Ok,NS
6	PB170806BS	BP026228.D	03 Dec 2025 15:37	RC/JU	Ok
7	PB170806BL	BP026229.D	03 Dec 2025 16:18	RC/JU	Ok
8	PB170785TB	BP026230.D	03 Dec 2025 16:59	RC/JU	Ok
9	Q3750-07	BP026231.D	03 Dec 2025 17:40	RC/JU	Ok
10	Q3750-07MS	BP026232.D	03 Dec 2025 18:21	RC/JU	Ok,NS
11	Q3750-07MSD	BP026233.D	03 Dec 2025 19:02	RC/JU	Ok
12	Q3753-02	BP026234.D	03 Dec 2025 19:43	RC/JU	Ok
13	Q3741-06	BP026235.D	03 Dec 2025 20:24	RC/JU	Ok,NS
14	Q3741-06MS	BP026236.D	03 Dec 2025 21:05	RC/JU	Ok
15	Q3741-06MSD	BP026237.D	03 Dec 2025 21:46	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM		
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM		
SubDirectory	BF110525	HP Acquire Method	BNA_F	HP Processing Method	BF110525

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144168.D	05 Nov 2025 12:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF144170.D	05 Nov 2025 13:20		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF144171.D	05 Nov 2025 13:50		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF144172.D	05 Nov 2025 14:20		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	Compound #41 kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF144174.D	05 Nov 2025 15:49		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF144175.D	05 Nov 2025 16:19		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF144176.D	05 Nov 2025 16:49		RC/JU	Ok
10	SSTDICV040	ICVBF110525	BF144177.D	05 Nov 2025 17:21		RC/JU	Ok,M
11	PB170372BL	PB170372BL	BF144178.D	05 Nov 2025 18:10		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF120325

Review By	Jagrut	Review On	12/4/2025 10:57:21 AM		
Supervise By		Supervise On			
SubDirectory	BF120325	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13184,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144414.D	03 Dec 2025 11:56		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144415.D	03 Dec 2025 12:25		RC/JU	Ok
3	PB170797BL	PB170797BL	BF144416.D	03 Dec 2025 12:54		RC/JU	Ok
4	Q3741-03	B50-SP14-112025	BF144417.D	03 Dec 2025 14:08		RC/JU	Ok,NS
5	Q3753-04	AR520-0002	BF144418.D	03 Dec 2025 14:37	Internal standard fail & Need 2X Dilution	RC/JU	Dilution
6	Q3741-01	B50-SP3-111925	BF144419.D	03 Dec 2025 15:07		RC/JU	Ok,NS
7	Q3741-02	B50-SP13-112025	BF144420.D	03 Dec 2025 15:36		RC/JU	Ok,NS
8	Q3741-04	B50-SP9-112425	BF144421.D	03 Dec 2025 16:06		RC/JU	Ok,NS
9	Q3750-01DL	FENCE WC-1DL	BF144422.D	03 Dec 2025 16:35		RC/JU	Ok,NS
10	Q3750-08	FENCE WC-2	BF144423.D	03 Dec 2025 17:04		RC/JU	Ok
11	Q3753-04DL	AR520-0002DL	BF144424.D	03 Dec 2025 17:34		RC/JU	Ok,NS

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 # BP111825

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

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

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

M : Manual Integration

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 # BP120325

Review By	Jagrut	Review On	12/4/2025 10:47:10 AM		
Supervise By		Supervise On			
SubDirectory	BP120325	HP Acquire Method	BNA_P	HP Processing Method	BP111825

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026223.D	03 Dec 2025 12:13		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026224.D	03 Dec 2025 12:53		RC/JU	Ok,NS
3	PB170797BL	PB170797BL	BP026225.D	03 Dec 2025 13:34		RC/JU	Ok
4	PB170797BS	PB170797BS	BP026226.D	03 Dec 2025 14:15		RC/JU	Ok,NS
5	Q3741-05	B50-SP11-112525	BP026227.D	03 Dec 2025 14:56		RC/JU	Ok,NS
6	PB170806BS	PB170806BS	BP026228.D	03 Dec 2025 15:37		RC/JU	Ok
7	PB170806BL	PB170806BL	BP026229.D	03 Dec 2025 16:18		RC/JU	Ok
8	PB170785TB	PB170785TB	BP026230.D	03 Dec 2025 16:59		RC/JU	Ok
9	Q3750-07	FENCE WC-1	BP026231.D	03 Dec 2025 17:40		RC/JU	Ok
10	Q3750-07MS	FENCE WC-1MS	BP026232.D	03 Dec 2025 18:21		RC/JU	Ok,NS
11	Q3750-07MSD	FENCE WC-1MSD	BP026233.D	03 Dec 2025 19:02		RC/JU	Ok
12	Q3753-02	MOO-25-334-337	BP026234.D	03 Dec 2025 19:43		RC/JU	Ok
13	Q3741-06	B50-SP4-112525	BP026235.D	03 Dec 2025 20:24		RC/JU	Ok,NS
14	Q3741-06MS	B50-SP4-112525MS	BP026236.D	03 Dec 2025 21:05		RC/JU	Ok
15	Q3741-06MSD	B50-SP4-112525MSD	BP026237.D	03 Dec 2025 21:46		RC/JU	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 12/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 12/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB138066

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3741-01	B50-SP3-111925	1	1.15	10.38	11.53	10.66	91.6	
Q3741-02	B50-SP13-112025	2	1.18	10.33	11.51	10.1	86.4	
Q3741-03	B50-SP14-112025	3	1.19	10.25	11.44	10.14	87.3	
Q3741-04	B50-SP9-112425	4	1.16	10.61	11.77	10.2	85.2	
Q3741-05	B50-SP11-112525	5	1.16	10.47	11.63	10.02	84.6	
Q3741-06	B50-SP4-112525	6	1.18	10.50	11.68	10.2	85.9	
Q3742-01	SB-1125-23	7	1.11	10.61	11.72	8.55	70.1	
Q3742-02	SB-1125-19	8	1.19	11.07	12.26	5.72	40.9	
Q3742-03	SB-1125-8	9	1.17	10.55	11.72	10.16	85.2	
Q3742-04	SB-1125-9	10	1.19	10.57	11.76	9.5	78.6	
Q3742-05	SB-1125-21	11	1.16	10.61	11.77	9.6	79.5	
Q3742-06	SB-1125-13	12	1.18	10.18	11.36	9.88	85.5	
Q3742-07	SB-1125-18	13	1.11	10.19	11.3	8.07	68.3	
Q3742-08	SB-1125-20	14	1.15	10.84	11.99	9.86	80.4	
Q3742-09	SB-1125-22	15	1.12	10.90	12.02	9.05	72.8	
Q3742-10	SB-1125-2	16	1.16	10.76	11.92	9.38	76.4	
Q3742-11	SB-1125-3A	17	1.19	10.58	11.77	8.93	73.2	
Q3742-12	SB-1125-3B	18	1.17	10.50	11.67	10.55	89.3	
Q3742-13	SB-1125-3C	19	1.16	10.50	11.66	9.31	77.6	
Q3742-14	SB-1125-3D	20	1.13	10.45	11.58	8.5	70.5	
Q3742-14D	SB-1125-3DDUP	21	1.15	10.45	11.6	8.53	70.6	
Q3742-15	SB-1125-3E	22	1.13	10.39	11.52	8.05	66.6	
Q3742-16	SB-1125-1	23	1.19	10.33	11.52	8.78	73.5	
Q3742-17	SB-1125-25	24	1.18	11.18	12.36	8.26	63.3	
Q3742-18	SB-1125-24	25	1.15	10.90	12.05	7.99	62.8	
Q3745-05	SVOC-GPC-BLANK	31	1.00	1.00	2.00	2.00	100.0	
Q3745-06	PEST-GPC-BLANK	32	1.00	1.00	2.00	2.00	100.0	
Q3745-07	PEST-GPC-BLANK-SPIKE	33	1.00	1.00	2.00	2.00	100.0	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 12/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 12/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB138066

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3745-08	SVOC-GPC2-BLANK	34	1.00	1.00	2.00	2.00	100.0	
Q3745-09	PEST-GPC2-BLANK	35	1.00	1.00	2.00	2.00	100.0	
Q3745-10	PEST -GPC2-BLANK-SPIKE	36	1.00	1.00	2.00	2.00	100.0	
Q3746-01	ROW	26	1.15	10.84	11.99	8.59	68.6	
Q3746-02	ROW-E2	27	1.14	10.58	11.72	5.2	38.4	
Q3747-01	1	28	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3747-02	2	29	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3747-03	3	30	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3748-01	AU-05-12-1-2025	37	1.18	10.75	11.93	11.03	91.6	
Q3748-02	AU-05-12-1-2025	38	1.18	10.55	11.73	10.88	91.9	
Q3750-01	FENCE WC-1	39	1.15	10.77	11.92	10.5	86.8	
Q3750-02	FENCE WC-1-EPH	40	1.19	10.31	11.5	10.15	86.9	
Q3750-03	FENCE WC-1-VOC	41	1.16	10.58	11.74	9.72	80.9	
Q3750-04	FENCE WC-2	42	1.11	10.51	11.62	10.2	86.5	
Q3750-05	FENCE WC-2-EPH	43	1.13	10.21	11.34	9.97	86.6	
Q3750-06	FENCE WC-2-VOC	44	1.19	10.38	11.57	10.52	89.9	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 138066

WorkList Name : %1-120125 **WorkList ID :** 193391 **Department :** Wet-Chemistry **Date :** 12-01-2025 08:55:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3741-01	B50-SP3-111925	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/19/2025	Chemtech -SO
Q3741-02	B50-SP13-112025	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/20/2025	Chemtech -SO
Q3741-03	B50-SP14-112025	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/20/2025	Chemtech -SO
Q3741-04	B50-SP9-112425	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/24/2025	Chemtech -SO
Q3741-05	B50-SP11-112525	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/25/2025	Chemtech -SO
Q3741-06	B50-SP4-112525	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/25/2025	Chemtech -SO
Q3742-01	SB-1125-23	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/6025	Chemtech -SO
Q3742-02	SB-1125-19	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-03	SB-1125-8	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-04	SB-1125-9	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-05	SB-1125-21	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-06	SB-1125-13	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-07	SB-1125-18	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-08	SB-1125-20	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-09	SB-1125-22	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-10	SB-1125-2	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-11	SB-1125-3A	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-12	SB-1125-3B	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-13	SB-1125-3C	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-14	SB-1125-3D	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-15	SB-1125-3E	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO

Date/Time 12/01/25 15:15

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 12/01/25 17:40

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

JR 1380 CC

WorkList Name : %1-120125 **WorkList ID :** 193391 **Department :** Wet-Chemistry **Date :** 12-01-2025 08:55:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3742-16	SB-1125-1	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-17	SB-1125-25	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-18	SB-1125-24	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3745-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3745-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3745-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3745-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3745-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3745-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3746-01	ROW	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/02/2025	Chemtech -SO
Q3746-02	ROW-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/02/2025	Chemtech -SO
Q3747-01	1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	12/01/2025	Chemtech -SO
Q3747-02	2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	12/01/2025	Chemtech -SO
Q3747-03	3	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	12/01/2025	Chemtech -SO
Q3748-01	AU-05-12-1-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	A12	12/01/2025	Chemtech -SO
Q3748-02	AU-05-12-1-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	A12	12/01/2025	Chemtech -SO
Q3750-01	FENCE WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO
Q3750-02	FENCE WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO
Q3750-03	FENCE WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO
Q3750-04	FENCE WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO
Q3750-05	FENCE WC-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO

Date/Time 12/01/25 1545

Raw Sample Received by: JB WC1

Raw Sample Relinquished by: CR

Date/Time 12/01/25 1740

Raw Sample Received by: CR

Raw Sample Relinquished by: JB WC1

WORKLIST(Hardcopy Internal Chain)

138066

WorkList Name : %1-120125 **WorkList ID :** 193391 **Department :** Wet-Chemistry **Date :** 12-01-2025 08:55:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3750-06	FENCE WC-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO

Date/Time 12/01/25 13:15

Raw Sample Received by: JB WC

Raw Sample Relinquished by:

Date/Time 12/01/25 17:40

Raw Sample Received by:

Raw Sample Relinquished by: JB WC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170797

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 12/03/2025

Extraction Start Time : 08:42

Extraction End Date : 12/03/2025

Extraction End Time : 11:45

Concentration By: EH

Supervisor By : RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6937
Surrogate	1.0ML	100/150 PPM	SP6918
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2659
Baked Na2SO4	N/A	EP2663
Sand	N/A	E3951
Methylene Chloride	N/A	E3986
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: N-EVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/3/25	RS (Ext-Lab)	JY/SVOC
11:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170797

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 12/03/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170797BL	SBLK797	SVOC-TCL BNA	30.01	N/A	ritesh	Evelyn	1			U6-1
PB170797BS	SLCS797	SVOC-TCL BNA	30.03	N/A	ritesh	Evelyn	1			2
Q3741-01	B50-SP3-111925	SVOC-TCL BNA	30.04	N/A	ritesh	Evelyn	1	J		3
Q3741-02	B50-SP13-112025	SVOC-TCL BNA	30.09	N/A	ritesh	Evelyn	1	J		4
Q3741-03	B50-SP14-112025	SVOC-TCL BNA	30.07	N/A	ritesh	Evelyn	1	J		5
Q3741-04	B50-SP9-112425	SVOC-TCL BNA	30.03	N/A	ritesh	Evelyn	1	J		6
Q3741-05	B50-SP11-112525	SVOC-TCL BNA	30.05	N/A	ritesh	Evelyn	1	J		U1-1
Q3741-06	B50-SP4-112525	SVOC-TCL BNA	30.08	N/A	ritesh	Evelyn	1	J		2
Q3741-06MS	B50-SP4-112525MS	SVOC-TCL BNA	30.07	N/A	ritesh	Evelyn	1	J		3
Q3741-06MSD	B50-SP4-112525MSD	SVOC-TCL BNA	30.02	N/A	ritesh	Evelyn	1	J		4
Q3753-02	MOO-25-334-337	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		5
Q3753-04	AR520-0002	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	E		6

RS 12/3

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

12/3/25 8:42

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3753BN **WorkList ID :** 193433 **Department :** Extraction **Date :** 12-03-2025 08:17:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3741-01	B50-SP3-111925	Solid	SVOC-TCL BNA	Cool 4 deg C	CORE02	--Sele	11/19/2025	8270E
Q3741-02	B50-SP13-112025	Solid	SVOC-TCL BNA	Cool 4 deg C	CORE02	--Sele	11/20/2025	8270E
Q3741-03	B50-SP14-112025	Solid	SVOC-TCL BNA	Cool 4 deg C	CORE02	--Sele	11/20/2025	8270E
Q3741-04	B50-SP9-112425	Solid	SVOC-TCL BNA	Cool 4 deg C	CORE02	--Sele	11/24/2025	8270E
Q3741-05	B50-SP11-112525	Solid	SVOC-TCL BNA	Cool 4 deg C	CORE02	--Sele	11/25/2025	8270E
Q3741-06	B50-SP4-112525	Solid	SVOC-TCL BNA	Cool 4 deg C	CORE02	--Sele	11/25/2025	8270E
Q3753-02	MOO-25-334-337	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	A11	12/03/2025	8270E
Q3753-04	AR520-0002	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	A11	12/03/2025	8270E

Date/Time 12/3/25 8:37
Raw Sample Received by: RJ (EA Lab)
Raw Sample Relinquished by: CA

Date/Time 12/3/25 8:57
Raw Sample Received by: CA
Raw Sample Relinquished by: RJ (EA Lab)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q3741

COC Number:

CLIENT INFORMATION

COMPANY: CORE ENVIRONMENTAL CONSULTANTS
ADDRESS: 22-48 119TH STREET
CITY: COLLEGE POINT STATE: NY ZIP: 11356
ATTENTION: ROLAND SCARDINO
PHONE: 609-781-8074 FAX:

PROJECT INFORMATION

PROJECT NAME: BNY - Building 50 Probe Investigation
PROJECT #: LOCATION: Bldg 50. 63 Flushing Ave. Brooklyn, NY
PROJECT MANAGER: ROLAND SCARDINO
E-MAIL: rscardino@coreenv.com
PHONE: 609-781-8074 FAX:

BILLING INFORMATION

BILL TO: CORE ENVIRONMENTAL CONSULTANTS PO#
ADDRESS: 2312 WEHRLE DR
CITY: BUFFALO STATE: NY ZIP:14221
ATTENTION: JOSEPH ZAHEER PHONE:716-204-8054

DATA TURNAROUND INFORMATION

FAX: STANDARD DAYS*
HARD COPY: DAYS*
EDD DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD Format
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other

ANALYSIS

1	2	3	4	5	6	7	8	9
GRO	DRO	VOCs	SVOCs	TAL Metals	RCRA 8			

If any metals exceed the 20x rule, run the TCLP analaysis on 72-hr TAT

PRESERVATIVES

1	2	3	4	5	6	7	8	9

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	1	2	3	4	5	6	7	8	9
1.	B50-SP3-111925	SOIL	✓		11/19/25	13:00		✓	✓	✓	✓	✓	✓			
2.	B50-SP13-112025	SOIL	✓		11/20/25	13:00		✓	✓	✓	✓	✓	✓			
3.	B50-SP14-112025	SOIL	✓		11/20/25	13:15		✓	✓	✓	✓	✓	✓			
4.	B50-SP9-112425	SOIL	✓		11/24/25	13:30		✓	✓	✓	✓	✓	✓			
5.	B50-SP11-112525	SOIL	✓		11/25/25	13:30		✓	✓	✓	✓	✓	✓			
6.	B50-SP4-112525	SOIL	✓		11/25/25	14:00		✓	✓	✓	✓	✓	✓			
7.																
8.																
9.																
10.																

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	11/26 12:10pm	1. 1210 11-26-25
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.	11-26-25 1820	3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.1°C ☐ Ice in Cooler?:
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:

Page of

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT **YELLOW** - ALLIANCE COPY **PINK** - SAMPLER COPY

Shreena

From: Roland Scardino <rscardino@coreenv.com>
Sent: Monday, December 01, 2025 10:47 AM
Subject: RE: TB SAMPLES

Good morning Deepak,

We received 2 TB's in the cooler, so two were sent back to the lab. Please use one of them for the analysis.

Thank you,

Roland Scardino
Project Manager
CORE Environmental Consultants, Inc.
C: 609-781-8074
O: 718-786-4730 ext 114

22-48 119th Street
College Point, NY 11356
P: 718.786.4730
F: 718.786.4764

2312 Wehrle Drive
Buffalo, NY 14221
P: 716.204.8054
F: 716.204.8557

www.COREenv.com
Innovative Engineering and Environmental Solutions

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

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3741 CORE02
Client Name : Core Environmental Consul
Client Contact : Roland Scardino
Invoice Name : Core Environmental Consul
Invoice Contact : Roland Scardino

Order Date : 11/26/2025 4:57:55 PM
Project Name : Building 50 Probe Investiga
Receive DateTime : 11/26/2025 6:20:00 PM
Purchase Order :

Project Mgr :
Report Type : Results+QC
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3741-01	B50-SP3-111925	Solid	11/19/2025	13:00					
					VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-02	B50-SP13-112025	Solid	11/20/2025	13:00					
					VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-03	B50-SP14-112025	Solid	11/20/2025	13:15					
					VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-04	B50-SP9-112425	Solid	11/24/2025	13:30					
					VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-05	B50-SP11-112525	Solid	11/25/2025	13:30					
					VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-06	B50-SP4-112525	Solid	11/25/2025	14:00					
					VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-07	TB-1	Water	11/25/2025	14:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	Q3741 CORE02	**Order Date :**	11/26/2025 4:57:55 PM	**Project Mgr :**	
Client Name :	Core Environmental Consul	**Project Name :**	Building 50 Probe Investiga	**Report Type :**	Results+QC
Client Contact :	Roland Scardino	**Receive DateTime :**	11/26/2025 6:20:00 PM	**EDD Type :**	Excel NY
Invoice Name :	Core Environmental Consul	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Roland Scardino			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

Relinguished By :
Date / Time : 12/1/25 11:05

Received By :
Date / Time : 12/01/25 11:05

Storage Area : VOA Refridgerator Room