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:	Q3725	**OrderDate:**	11/25/2025 4:38:51 PM
Client:	Roman E&G Corp	**Project:**	AQUA Woolwich Pump Station 22-531
Contact:	Sonny Puzzo	**Location:**	D41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3725-04	**STOCKPILE-SAMPLES**	**SOIL**			**11/25/25**			**11/25/25**
			SVOCMS NJ CleanGroup New	8270E		12/01/25	12/01/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3725

Client: Roman E&G Corp

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**STOCKPILE-SAMPLES**							
Q3725-04	STOCKPILE-SAMPLES	SOIL	Fluoranthene	190.000	J	35.9	200	ug/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Pyrene	120.000	J	43.1	200	ug/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Benzo(a)anthracene	91.900	J	27.5	200	ug/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Chrysene	97.300	J	23.8	200	ug/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Benzo(b)fluoranthene	170.000	J	22.7	200	ug/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Benzo(a)pyrene	110.000	J	35.3	200	ug/Kg
			Total Svoc :	**779.20**				
			Total Concentration:	**779.20**				

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3725

Client: Roman E&G Corp

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170763BL	PB170763BL	2-Fluorophenol	150	113	75		30 (10)	130 (105)
		Phenol-d6	150	112	75		30 (10)	130 (103)
		Nitrobenzene-d5	100	75.1	75		30 (10)	130 (108)
		2-Fluorobiphenyl	100	74.6	75		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	106	71		30 (10)	130 (116)
		Terphenyl-d14	100	73.6	74		30 (10)	130 (109)
PB170763BS	PB170763BS	2-Fluorophenol	150	113	75		30 (10)	130 (105)
		Phenol-d6	150	112	75		30 (10)	130 (103)
		Nitrobenzene-d5	100	78.2	78		30 (10)	130 (108)
		2-Fluorobiphenyl	100	79.5	80		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	104	70		30 (10)	130 (116)
		Terphenyl-d14	100	69.5	69		30 (10)	130 (109)
Q3725-04	STOCKPILE-SAMPLES	2-Fluorophenol	150	83.3	56		30 (10)	130 (105)
		Phenol-d6	150	83.8	56		30 (10)	130 (103)
		Nitrobenzene-d5	100	58.1	58		30 (10)	130 (108)
		2-Fluorobiphenyl	100	59.1	59		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	70.5	47		30 (10)	130 (116)
		Terphenyl-d14	100	44.2	44		30 (10)	130 (109)
Q3735-01MS	BU-3-112625MS	2-Fluorophenol	150	70.0	47		30 (10)	130 (105)
		Phenol-d6	150	64.8	43		30 (10)	130 (103)
		Nitrobenzene-d5	100	49.9	50		30 (10)	130 (108)
		2-Fluorobiphenyl	100	46.0	46		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	70.1	47		30 (10)	130 (116)
		Terphenyl-d14	100	35.9	36		30 (10)	130 (109)
Q3735-01MSD	BU-3-112625MSD	2-Fluorophenol	150	68.8	46		30 (10)	130 (105)
		Phenol-d6	150	65.5	44		30 (10)	130 (103)
		Nitrobenzene-d5	100	48.2	48		30 (10)	130 (108)
		2-Fluorobiphenyl	100	43.6	44		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	71.8	48		30 (10)	130 (116)
		Terphenyl-d14	100	36.7	37		30 (10)	130 (109)

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3725 **Analytical Method:** SW8270E

Client: Roman E&G Corp **DataFile:** BF144392.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3735-01MS		**Client Sample ID: BU-3-112625MS**									
n-Nitrosodimethylamine	1200	0	1200	ug/Kg	100				20 (66)	160 (124)	
Benzaldehyde	1200	0	790	ug/Kg	66				20 (20)	160 (111)	
Phenol	1200	0	990	ug/Kg	83				20 (51)	160 (122)	
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92				70 (67)	130 (110)	
2-Chlorophenol	1200	0	1000	ug/Kg	83				70 (67)	130 (119)	
2-Methylphenol	1200	0	970	ug/Kg	81				70 (68)	130 (116)	
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92				70 (59)	130 (113)	
Acetophenone	1200	0	1200	ug/Kg	100				70 (55)	130 (128)	
3+4-Methylphenols	1200	0	970	ug/Kg	81				20 (70)	160 (111)	
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83				70 (59)	130 (119)	
Hexachloroethane	1200	0	1000	ug/Kg	83				20 (65)	160 (115)	
Nitrobenzene	1200	0	1100	ug/Kg	92				70 (66)	130 (120)	
Isophorone	1200	0	1100	ug/Kg	92				70 (67)	130 (113)	
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100				70 (63)	130 (151)	
2,4-Dichlorophenol	1200	0	990	ug/Kg	83				70 (70)	130 (121)	
Naphthalene	1200	0	1100	ug/Kg	92				70 (66)	130 (113)	
Hexachlorobutadiene	1200	0	1100	ug/Kg	92				70 (67)	130 (118)	
Caprolactam	1200	0	1000	ug/Kg	83				20 (51)	160 (134)	
2-Methylnaphthalene	1200	0	940	ug/Kg	78				70 (59)	130 (123)	
Hexachlorocyclopentadiene	2300	0	1000	ug/Kg	43				20 (16)	160 (175)	
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92				70 (67)	130 (128)	
2,4,5-Trichlorophenol	1200	0	1100	ug/Kg	92				70 (69)	130 (123)	
1,1-Biphenyl	1200	0	1200	ug/Kg	100				70 (69)	130 (126)	
2-Nitroaniline	1200	0	1100	ug/Kg	92				70 (73)	130 (125)	
Acenaphthylene	1200	0	1300	ug/Kg	108				70 (69)	130 (128)	
2,6-Dinitrotoluene	1200	0	1200	ug/Kg	100				70 (67)	130 (141)	
Acenaphthene	1200	0	1000	ug/Kg	83				70 (70)	130 (121)	
2,4-Dinitrophenol	2300	0	1300	ug/Kg	57				20 (10)	160 (164)	
2,4-Dinitrotoluene	1200	0	1200	ug/Kg	100				70 (73)	130 (130)	
Diethylphthalate	1200	0	1200	ug/Kg	100				70 (73)	130 (116)	
Fluorene	1200	0	1200	ug/Kg	100				70 (67)	130 (114)	
4,6-Dinitro-2-methylphenol	1200	0	630	ug/Kg	52	*			70 (25)	130 (163)	
N-Nitrosodiphenylamine	1200	0	1100	ug/Kg	92				70 (73)	130 (118)	
Azobenzene	1200	0	1200	ug/Kg	100				70 (73)	130 (110)	
Hexachlorobenzene	1200	0	1000	ug/Kg	83				70 (67)	130 (118)	
Atrazine	1200	0	1200	ug/Kg	100				70 (79)	130 (127)	
Pentachlorophenol	2300	0	2200	ug/Kg	96				20 (39)	160 (145)	
Phenanthrene	1200	0	1100	ug/Kg	92				70 (52)	130 (128)	
Anthracene	1200	0	1100	ug/Kg	92				70 (62)	130 (124)	
Carbazole	1200	0	1200	ug/Kg	100				70 (73)	130 (115)	
Di-n-butylphthalate	1200	0	1300	ug/Kg	108				70 (72)	130 (129)	
Fluoranthene	1200	0	1400	ug/Kg	117				70 (31)	130 (152)	
Benzidine	2300	0	1000	ug/Kg	43				20 (10)	160 (119)	
Pyrene	1200	0	960	ug/Kg	80				70 (37)	130 (122)	
Butylbenzylphthalate	1200	0	1200	ug/Kg	100				70 (59)	130 (151)	
3,3-Dichlorobenzidine	1200	0	760	ug/Kg	63	*			70 (10)	130 (116)	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3725 **Analytical Method:** SW8270E

Client: Roman E&G Corp **DataFile:** BF144392.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Benzo(a)anthracene	1200	0	1200	ug/Kg	100				70 (53)	130 (119)	
Chrysene	1200	0	1100	ug/Kg	92				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	1200	0	1300	ug/Kg	108				70 (64)	130 (139)	
Di-n-octyl phthalate	1200	0	1200	ug/Kg	100				70 (51)	130 (156)	
Benzo(b)fluoranthene	1200	0	1400	ug/Kg	117				70 (52)	130 (117)	
Benzo(k)fluoranthene	1200	0	1300	ug/Kg	108				70 (57)	130 (134)	
Benzo(a)pyrene	1200	0	1200	ug/Kg	100				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	1200	0	880	ug/Kg	73				70 (48)	130 (129)	
Dibenz(a,h)anthracene	1200	0	900	ug/Kg	75				70 (43)	130 (123)	
Benzo(g,h,i)perylene	1200	0	900	ug/Kg	75				70 (40)	130 (133)	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3725 **Analytical Method:** SW8270E

Client: Roman E&G Corp **DataFile:** BF144393.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3735-01MSD		**Client Sample ID: BU-3-112625MSD**									
n-Nitrosodimethylamine	1200	0	1200	ug/Kg	100		0		20 (66)	160 (124)	30 (20)
Benzaldehyde	1200	0	810	ug/Kg	68		3		20 (20)	160 (111)	30 (20)
Phenol	1200	0	970	ug/Kg	81		2		20 (51)	160 (122)	30 (20)
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92		0		70 (67)	130 (110)	30 (20)
2-Chlorophenol	1200	0	1000	ug/Kg	83		0		70 (67)	130 (119)	30 (20)
2-Methylphenol	1200	0	950	ug/Kg	79		3		70 (68)	130 (116)	30 (20)
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92		0		70 (59)	130 (113)	30 (20)
Acetophenone	1200	0	1200	ug/Kg	100		0		70 (55)	130 (128)	30 (20)
3+4-Methylphenols	1200	0	970	ug/Kg	81		0		20 (70)	160 (111)	30 (20)
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83		0		70 (59)	130 (119)	30 (20)
Hexachloroethane	1200	0	980	ug/Kg	82		1		20 (65)	160 (115)	30 (20)
Nitrobenzene	1200	0	1100	ug/Kg	92		0		70 (66)	130 (120)	30 (20)
Isophorone	1200	0	1100	ug/Kg	92		0		70 (67)	130 (113)	30 (20)
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100		0		70 (63)	130 (151)	30 (20)
2,4-Dichlorophenol	1200	0	1000	ug/Kg	83		0		70 (70)	130 (121)	30 (20)
Naphthalene	1200	0	1100	ug/Kg	92		0		70 (66)	130 (113)	30 (20)
Hexachlorobutadiene	1200	0	1000	ug/Kg	83		10		70 (67)	130 (118)	30 (16)
Caprolactam	1200	0	1000	ug/Kg	83		0		20 (51)	160 (134)	30 (25)
2-Methylnaphthalene	1200	0	930	ug/Kg	78		0		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	2300	0	800	ug/Kg	35		21		20 (16)	160 (175)	30 (20)
2,4,6-Trichlorophenol	1200	0	1000	ug/Kg	83		10		70 (67)	130 (128)	30 (16)
2,4,5-Trichlorophenol	1200	0	1000	ug/Kg	83		10		70 (69)	130 (123)	30 (16)
1,1-Biphenyl	1200	0	1100	ug/Kg	92		8		70 (69)	130 (126)	30 (20)
2-Nitroaniline	1200	0	1100	ug/Kg	92		0		70 (73)	130 (125)	30 (16)
Acenaphthylene	1200	0	1200	ug/Kg	100		8		70 (69)	130 (128)	30 (15)
2,6-Dinitrotoluene	1200	0	1200	ug/Kg	100		0		70 (67)	130 (141)	30 (20)
Acenaphthene	1200	0	980	ug/Kg	82		1		70 (70)	130 (121)	30 (16)
2,4-Dinitrophenol	2300	0	900	ug/Kg	39		38	*	20 (10)	160 (164)	30 (30)
2,4-Dinitrotoluene	1200	0	1200	ug/Kg	100		0		70 (73)	130 (130)	30 (20)
Diethylphthalate	1200	0	1100	ug/Kg	92		8		70 (73)	130 (116)	30 (20)
Fluorene	1200	0	1200	ug/Kg	100		0		70 (67)	130 (114)	30 (20)
4,6-Dinitro-2-methylphenol	1200	0	520	ug/Kg	43	*	19		70 (25)	130 (163)	30 (30)
N-Nitrosodiphenylamine	1200	0	1000	ug/Kg	83		10		70 (73)	130 (118)	30 (20)
Azobenzene	1200	0	1200	ug/Kg	100		0		70 (73)	130 (110)	30 (20)
Hexachlorobenzene	1200	0	1000	ug/Kg	83		0		70 (67)	130 (118)	30 (20)
Atrazine	1200	0	1200	ug/Kg	100		0		70 (79)	130 (127)	30 (20)
Pentachlorophenol	2300	0	2300	ug/Kg	100		4		20 (39)	160 (145)	30 (20)
Phenanthrene	1200	0	1100	ug/Kg	92		0		70 (52)	130 (128)	30 (20)
Anthracene	1200	0	1100	ug/Kg	92		0		70 (62)	130 (124)	30 (20)
Carbazole	1200	0	1200	ug/Kg	100		0		70 (73)	130 (115)	30 (20)
Di-n-butylphthalate	1200	0	1300	ug/Kg	108		0		70 (72)	130 (129)	30 (20)
Fluoranthene	1200	0	1400	ug/Kg	117		0		70 (31)	130 (152)	30 (20)
Benzidine	2300	0	1100	ug/Kg	48		11		20 (10)	160 (119)	30 (20)
Pyrene	1200	0	1000	ug/Kg	83		4		70 (37)	130 (122)	30 (27)
Butylbenzylphthalate	1200	0	1200	ug/Kg	100		0		70 (59)	130 (151)	30 (20)
3,3-Dichlorobenzidine	1200	0	820	ug/Kg	68	*	8		70 (10)	130 (116)	30 (20)

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3725 **Analytical Method:** SW8270E

Client: Roman E&G Corp **DataFile:** BF144393.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Benzo(a)anthracene	1200	0	1200	ug/Kg	100	0			70 (53)	130 (119)	30 (20)
Chrysene	1200	0	1100	ug/Kg	92	0			70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	1200	0	1300	ug/Kg	108	0			70 (64)	130 (139)	30 (20)
Di-n-octyl phthalate	1200	0	1200	ug/Kg	100	0			70 (51)	130 (156)	30 (20)
Benzo(b)fluoranthene	1200	0	1300	ug/Kg	108	8			70 (52)	130 (117)	30 (20)
Benzo(k)fluoranthene	1200	0	1300	ug/Kg	108	0			70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	1200	0	1200	ug/Kg	100	0			70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	1200	0	890	ug/Kg	74	1			70 (48)	130 (129)	30 (20)
Dibenz(a,h)anthracene	1200	0	900	ug/Kg	75	0			70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	1200	0	890	ug/Kg	74	1			70 (40)	130 (133)	30 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3725 **Analytical Method:** 8270E

Client: Roman E&G Corp **DataFile:** BF144386.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170763BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				20 (57)	160 (103)	
	Benzaldehyde	1700	1300	ug/Kg	76				20 (10)	160 (133)	
	Phenol	1700	1400	ug/Kg	82				20 (62)	160 (112)	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				70 (60)	130 (101)	
	2-Chlorophenol	1700	1400	ug/Kg	82				70 (65)	130 (112)	
	2-Methylphenol	1700	1400	ug/Kg	82				70 (74)	130 (105)	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				70 (51)	130 (100)	
	Acetophenone	1700	1500	ug/Kg	88				70 (66)	130 (98)	
	3+4-Methylphenols	1700	1400	ug/Kg	82				20 (58)	160 (111)	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				70 (63)	130 (95)	
	Hexachloroethane	1700	1400	ug/Kg	82				20 (72)	160 (108)	
	Nitrobenzene	1700	1400	ug/Kg	82				70 (75)	130 (100)	
	Isophorone	1700	1400	ug/Kg	82				70 (59)	130 (99)	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				70 (61)	130 (130)	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				70 (62)	130 (107)	
	Naphthalene	1700	1400	ug/Kg	82				70 (62)	130 (100)	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				70 (68)	130 (108)	
	Caprolactam	1700	1400	ug/Kg	82				20 (67)	160 (110)	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				70 (60)	130 (104)	
	Hexachlorocyclopentadiene	3300	2500	ug/Kg	76				20 (45)	160 (165)	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				70 (59)	130 (102)	
	2,4,5-Trichlorophenol	1700	1300	ug/Kg	76				70 (74)	130 (110)	
	1,1-Biphenyl	1700	1600	ug/Kg	94				70 (71)	130 (110)	
	2-Nitroaniline	1700	1400	ug/Kg	82				70 (66)	130 (101)	
	Acenaphthylene	1700	1600	ug/Kg	94				70 (76)	130 (111)	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				70 (78)	130 (116)	
	Acenaphthene	1700	1300	ug/Kg	76				70 (73)	130 (105)	
	2,4-Dinitrophenol	3300	2400	ug/Kg	73				20 (59)	160 (137)	
	2,4-Dinitrotoluene	1700	1400	ug/Kg	82				70 (78)	130 (115)	
	Diethylphthalate	1700	1300	ug/Kg	76				70 (76)	130 (104)	
	Fluorene	1700	1400	ug/Kg	82				70 (75)	130 (99)	
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				70 (76)	130 (113)	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				70 (71)	130 (99)	
	Azobenzene	1700	1400	ug/Kg	82				70 (54)	130 (103)	
	Hexachlorobenzene	1700	1500	ug/Kg	88				70 (64)	130 (98)	
	Atrazine	1700	1400	ug/Kg	82				70 (71)	130 (122)	
	Pentachlorophenol	3300	2600	ug/Kg	79				20 (56)	160 (129)	
	Phenanthrene	1700	1400	ug/Kg	82				70 (75)	130 (100)	
	Anthracene	1700	1400	ug/Kg	82				70 (75)	130 (103)	
	Carbazole	1700	1400	ug/Kg	82				70 (76)	130 (103)	
	Di-n-butylphthalate	1700	1400	ug/Kg	82				70 (76)	130 (110)	
	Fluoranthene	1700	1400	ug/Kg	82				70 (73)	130 (105)	
	Benzidine	3300	630	ug/Kg	19		*		20 (10)	160 (98)	
	Pyrene	1700	1200	ug/Kg	71				70 (59)	130 (103)	

( ) = LABORATORY INHOUSE LIMIT

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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3725 **Analytical Method:** 8270E

Client: Roman E&G Corp **DataFile:** BF144386.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170763BS	Butylbenzylphthalate	1700	1400	ug/Kg	82				70 (75)	130 (120)	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				70 (31)	130 (94)	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				70 (75)	130 (104)	
	Chrysene	1700	1500	ug/Kg	88				70 (75)	130 (103)	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				70 (77)	130 (113)	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				70 (76)	130 (110)	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				70 (62)	130 (109)	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				70 (75)	130 (108)	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				70 (79)	130 (109)	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				70 (63)	130 (101)	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				70 (61)	130 (112)	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70 (70)	130 (108)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170763BL

Lab Name: Alliance | Contract: ROMA02

Lab Code: ACE | SDG NO.: Q3725

Lab File ID: BF144385.D | Lab Sample ID: PB170763BL

Instrument ID: BNA_F | Date Extracted: 12/01/2025

Matrix: (soil/water) SOIL | Date Analyzed: 12/01/2025

Level: (low/med) LOW | Time Analyzed: 14:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170763BS	PB170763BS	BF144386.D	12/01/2025
STOCKPILE-SAMPLES	Q3725-04	BF144389.D	12/01/2025
BU-3-112625MS	Q3735-01MS	BF144392.D	12/01/2025
BU-3-112625MSD	Q3735-01MSD	BF144393.D	12/01/2025

COMMENTS:

Alliance TECHNICAL GROUP
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: ROMA02

Lab Code: ACE — SDG NO.: Q3725

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

Raw Data: **BF144381.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ROMA02

Lab Code: ACE SDG NO.: Q3725

Lab File ID: BF144381.D DFTPP Injection Date: 12/01/2025

Instrument ID: BNA_F DFTPP Injection Time: 12:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.2) 1
69	Mass 69 relative abundance	20.8
70	Less than 2.0% of mass 69	0.0 (0.0) 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	4.7
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18 (18) 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	BF144382.D	12/01/2025	12:41
PB170763BL	PB170763BL	BF144385.D	12/01/2025	14:11
PB170763BS	PB170763BS	BF144386.D	12/01/2025	14:40
STOCKPILE-SAMPLES	Q3725-04	BF144389.D	12/01/2025	16:14
BU-3-112625MS	Q3735-01MS	BF144392.D	12/01/2025	17:43
BU-3-112625MSD	Q3735-01MSD	BF144393.D	12/01/2025	18:12

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3725

Client ID : SSTDCCC040 Date Analyzed: 12/01/2025

Lab File ID: BF144382.D Time Analyzed: 12:41

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	58717	6.863	221118	8.15	119295	9.90
	UPPER LIMIT	117434	7.363	442236	8.645	238590	10.404
	LOWER LIMIT	29358.5	6.363	110559	7.645	59647.5	9.404
	EPA SAMPLE NO.						
01	BU-3-112625MS	49538	6.86	162841	8.15	75668	9.90
02	BU-3-112625MSD	47026	6.86	155006	8.15	78597	9.90
03	PB170763BL	58345	6.86	230427	8.15	129664	9.90
04	PB170763BS	56637	6.86	215029	8.15	112964	9.90
05	STOCKPILE-SAMPLES	55052	6.86	209511	8.15	102395	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.: Q3725

Client ID: SSTDCCC040 Date Analyzed: 12/01/2025

Lab File ID: BF144382.D Time Analyzed: 12:41

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	191565	11.398	137289	14.045	182291	15.527
	UPPER LIMIT	383130	11.898	274578	14.545	364582	16.027
	LOWER LIMIT	95782.5	10.898	68644.5	13.545	91145.5	15.027
	EPA SAMPLE NO.						
01	BU-3-112625MS	143189	11.39	136669	14.05	107138	15.53
02	BU-3-112625MSD	150269	11.39	135484	14.05	106852	15.53
03	PB170763BL	226587	11.39	143527	14.05	171385	15.53
04	PB170763BS	172015	11.39	126792	14.05	157195	15.53
05	STOCKPILE-SAMPLES	156977	11.39	146808	14.05	162341	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.

SAMPLE DATA

Raw Data: **BF144389.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/25/25
Project:	AQUA Woolwich Pump Station 22-531	Date Received:	11/25/25
Client Sample ID:	STOCKPILE-SAMPLES	SDG No.:	Q3725
Lab Sample ID:	Q3725-04	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	83.4
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOCMS NJ CleanGroup Ne
Prep Method :	SW3541 Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	40.1	U	1	40.1	390	ug/Kg	12/01/25 16:14	PB170763
100-52-7	Benzaldehyde	190	U	1	190	390	ug/Kg	12/01/25 16:14	PB170763
108-95-2	Phenol	26.4	U	1	26.4	200	ug/Kg	12/01/25 16:14	PB170763
111-44-4	bis(2-Chloroethyl)ether	29.1	U	1	29.1	200	ug/Kg	12/01/25 16:14	PB170763
95-57-8	2-Chlorophenol	29.2	U	1	29.2	200	ug/Kg	12/01/25 16:14	PB170763
95-48-7	2-Methylphenol	35.8	U	1	35.8	200	ug/Kg	12/01/25 16:14	PB170763
108-60-1	2,2-oxybis(1-Chloropropane)	44.8	U	1	44.8	200	ug/Kg	12/01/25 16:14	PB170763
98-86-2	Acetophenone	35.3	U	1	35.3	200	ug/Kg	12/01/25 16:14	PB170763
65794-96-9	3+4-Methylphenols	49.1	U	1	49.1	390	ug/Kg	12/01/25 16:14	PB170763
621-64-7	n-Nitroso-di-n-propylamine	56.7	U	1	56.7	95.7	ug/Kg	12/01/25 16:14	PB170763
67-72-1	Hexachloroethane	21.0	U	1	21.0	200	ug/Kg	12/01/25 16:14	PB170763
98-95-3	Nitrobenzene	21.9	U	1	21.9	200	ug/Kg	12/01/25 16:14	PB170763
78-59-1	Isophorone	39.2	U	1	39.2	200	ug/Kg	12/01/25 16:14	PB170763
105-67-9	2,4-Dimethylphenol	77.5	U	1	77.5	200	ug/Kg	12/01/25 16:14	PB170763
120-83-2	2,4-Dichlorophenol	33.8	U	1	33.8	200	ug/Kg	12/01/25 16:14	PB170763
91-20-3	Naphthalene	27.1	U	1	27.1	200	ug/Kg	12/01/25 16:14	PB170763
87-68-3	Hexachlorobutadiene	30.3	U	1	30.3	200	ug/Kg	12/01/25 16:14	PB170763
105-60-2	Caprolactam	62.3	U	1	62.3	390	ug/Kg	12/01/25 16:14	PB170763
91-57-6	2-Methylnaphthalene	30.6	U	1	30.6	200	ug/Kg	12/01/25 16:14	PB170763
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	390	ug/Kg	12/01/25 16:14	PB170763
88-06-2	2,4,6-Trichlorophenol	23.7	U	1	23.7	200	ug/Kg	12/01/25 16:14	PB170763
95-95-4	2,4,5-Trichlorophenol	34.8	U	1	34.8	200	ug/Kg	12/01/25 16:14	PB170763
92-52-4	1,1-Biphenyl	26.1	U	1	26.1	200	ug/Kg	12/01/25 16:14	PB170763
88-74-4	2-Nitroaniline	57.5	U	1	57.5	200	ug/Kg	12/01/25 16:14	PB170763
208-96-8	Acenaphthylene	34.6	U	1	34.6	200	ug/Kg	12/01/25 16:14	PB170763
606-20-2	2,6-Dinitrotoluene	40.2	U	1	40.2	200	ug/Kg	12/01/25 16:14	PB170763
83-32-9	Acenaphthene	25.5	U	1	25.5	200	ug/Kg	12/01/25 16:14	PB170763
51-28-5	2,4-Dinitrophenol	270	U	1	270	390	ug/Kg	12/01/25 16:14	PB170763
121-14-2	2,4-Dinitrotoluene	59.9	U	1	59.9	200	ug/Kg	12/01/25 16:14	PB170763
84-66-2	Diethylphthalate	33.8	U	1	33.8	200	ug/Kg	12/01/25 16:14	PB170763
86-73-7	Fluorene	30.3	U	1	30.3	200	ug/Kg	12/01/25 16:14	PB170763
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	390	ug/Kg	12/01/25 16:14	PB170763
86-30-6	n-Nitrosodiphenylamine	39.3	U	1	39.3	200	ug/Kg	12/01/25 16:14	PB170763
103-33-3	Azobenzene	34.9	U	1	34.9	200	ug/Kg	12/01/25 16:14	PB170763
118-74-1	Hexachlorobenzene	30.3	U	1	30.3	200	ug/Kg	12/01/25 16:14	PB170763
1912-24-9	Atrazine	40.7	U	1	40.7	200	ug/Kg	12/01/25 16:14	PB170763
87-86-5	Pentachlorophenol	61.3	U	1	61.3	390	ug/Kg	12/01/25 16:14	PB170763
85-01-8	Phenanthrene	25.0	U	1	25.0	200	ug/Kg	12/01/25 16:14	PB170763
120-12-7	Anthracene	39.8	U	1	39.8	200	ug/Kg	12/01/25 16:14	PB170763
86-74-8	Carbazole	37.3	U	1	37.3	200	ug/Kg	12/01/25 16:14	PB170763
84-74-2	Di-n-butylphthalate	57.3	U	1	57.3	200	ug/Kg	12/01/25 16:14	PB170763
206-44-0	Fluoranthene	190	J	1	35.9	200	ug/Kg	12/01/25 16:14	PB170763

Raw Data: **BF144389.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Roman E&G Corp			Date Collected:	11/25/25
Project:	AQUA Woolwich Pump Station 22-531			Date Received:	11/25/25
Client Sample ID:	STOCKPILE-SAMPLES			SDG No.:	Q3725
Lab Sample ID:	Q3725-04			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	83.4
Sample Wt/Vol:	30.08 g	Final Vol:	1000 uL	Test:	SVOCMS NJ CleanGroup Ne
Prep Method :	SW3541	Prep Date:	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
92-87-5	Benzidine	180	UQ	1	180	390	ug/Kg	12/01/25 16:14	PB170763
129-00-0	Pyrene	120	J	1	43.1	200	ug/Kg	12/01/25 16:14	PB170763
85-68-7	Butylbenzylphthalate	85.4	U	1	85.4	200	ug/Kg	12/01/25 16:14	PB170763
91-94-1	3,3-Dichlorobenzidine	43.9	U	1	43.9	390	ug/Kg	12/01/25 16:14	PB170763
56-55-3	Benzo(a)anthracene	91.9	J	1	27.5	200	ug/Kg	12/01/25 16:14	PB170763
218-01-9	Chrysene	97.3	J	1	23.8	200	ug/Kg	12/01/25 16:14	PB170763
117-81-7	Bis(2-ethylhexyl)phthalate	70.8	U	1	70.8	200	ug/Kg	12/01/25 16:14	PB170763
117-84-0	Di-n-octyl phthalate	100	U	1	100	390	ug/Kg	12/01/25 16:14	PB170763
205-99-2	Benzo(b)fluoranthene	170	J	1	22.7	200	ug/Kg	12/01/25 16:14	PB170763
207-08-9	Benzo(k)fluoranthene	26.8	U	1	26.8	200	ug/Kg	12/01/25 16:14	PB170763
50-32-8	Benzo(a)pyrene	110	J	1	35.3	200	ug/Kg	12/01/25 16:14	PB170763
193-39-5	Indeno(1,2,3-cd)pyrene	34.8	U	1	34.8	200	ug/Kg	12/01/25 16:14	PB170763
53-70-3	Dibenzo(a,h)anthracene	32.8	U	1	32.8	200	ug/Kg	12/01/25 16:14	PB170763
191-24-2	Benzo(g,h,i)perylene	30.7	U	1	30.7	200	ug/Kg	12/01/25 16:14	PB170763
SURROGATES									
367-12-4	2-Fluorophenol	83.3			30 (10) - 130 (105)	56%	SPK: 150		
13127-88-3	Phenol-d6	83.8			30 (10) - 130 (103)	56%	SPK: 150		
4165-60-0	Nitrobenzene-d5	58.1			30 (10) - 130 (108)	58%	SPK: 100		
321-60-8	2-Fluorobiphenyl	59.1			30 (10) - 130 (108)	59%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	70.5			30 (10) - 130 (116)	47%	SPK: 150		
1718-51-0	Terphenyl-d14	44.2			30 (10) - 130 (109)	44%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	55100							
1146-65-2	Naphthalene-d8	210000							
15067-26-2	Acenaphthene-d10	102000							
1517-22-2	Phenanthrene-d10	157000							
1719-03-5	Chrysene-d12	147000							
1520-96-3	Perylene-d12	162000							

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: **BF144389.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144389.D
Acq On : 01 Dec 2025 16:14
Operator : RC/JU
Sample : Q3725-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 01 16:55:11 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 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-SAMPLES

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	55052	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	209511	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	102395	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	156977	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	146808	20.000	ng	0.00
86) Perylene-d12	15.527	264	162341	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	293214	83.347	ng	0.00
7) Phenol-d6	6.498	99	333990	83.788	ng	0.00
23) Nitrobenzene-d5	7.422	82	210909	58.140	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	90590	70.501	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	409821	59.112	ng	-0.01
79) Terphenyl-d14	12.980	244	408564	44.205	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.610	202	38217	4.734	ng	98
78) Pyrene	12.839	202	35160	2.970	ng	98
81) Benzo(a)anthracene	14.033	228	23452m	2.305	ng	
83) Chrysene	14.069	228	22931	2.441	ng	94
88) Benzo(b)fluoranthene	15.092	252	38424m	4.163	ng	
90) Benzo(a)pyrene	15.463	252	22631	2.658	ng	# 89

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

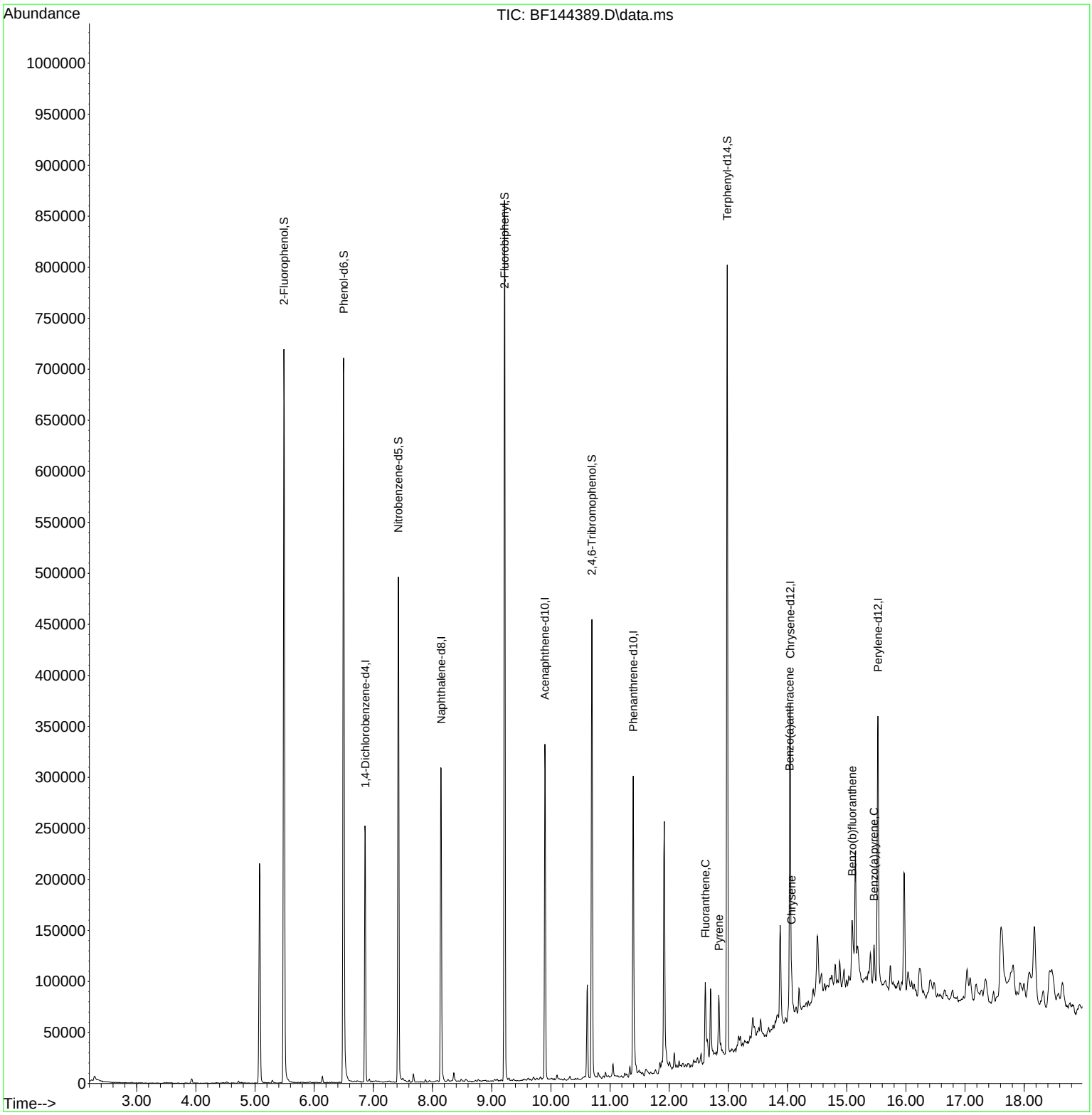
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144389.D
Acq On : 01 Dec 2025 16:14
Operator : RC/JU
Sample : Q3725-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

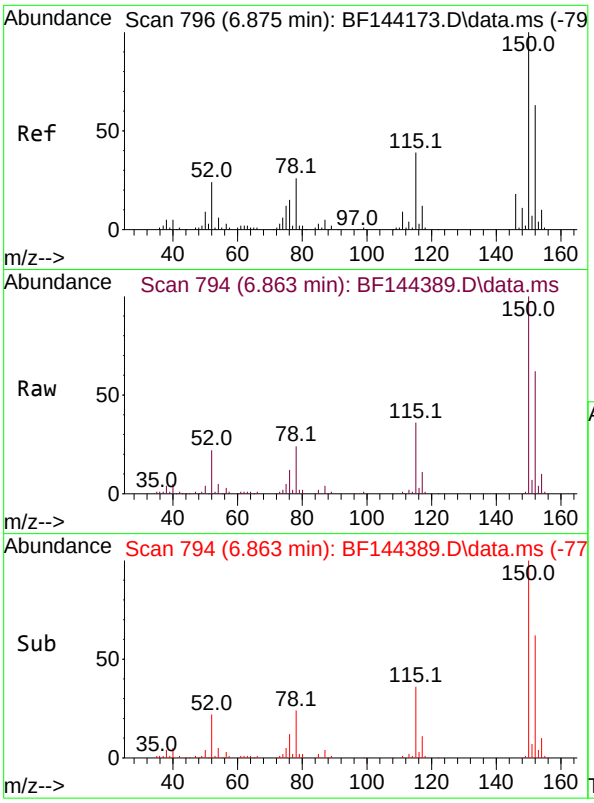
Quant Time: Dec 01 16:55:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-SAMPLES

Manual Integrations APPROVED

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

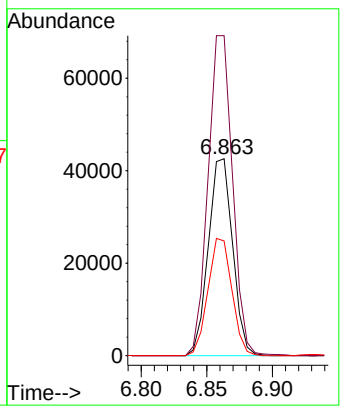




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion:152 Resp: 5505

Ion	Ratio	Lower	Upper
152	100		
150	162.6	127.4	191.0
115	58.3	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
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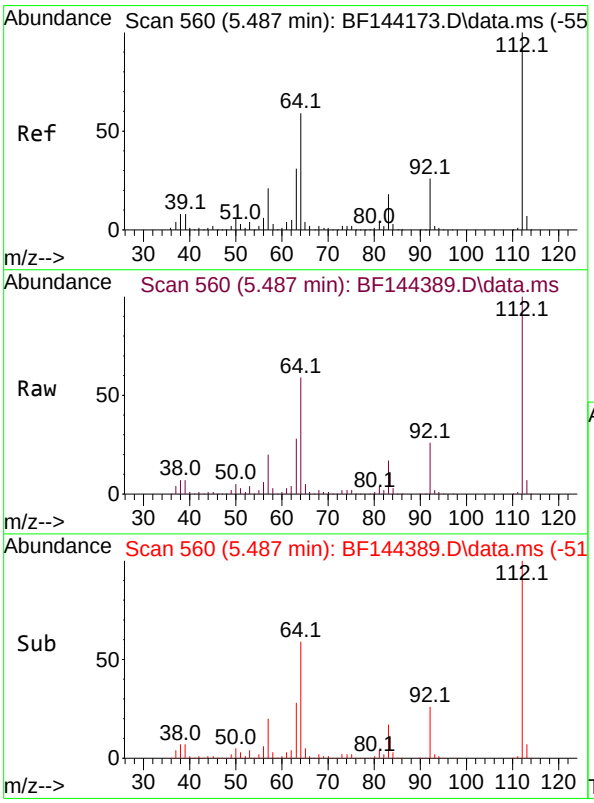
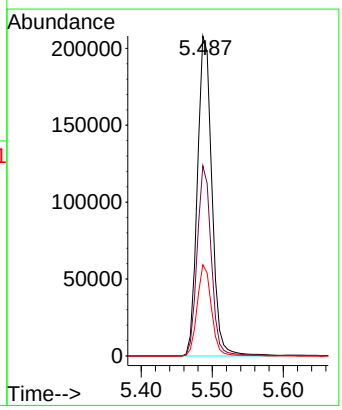
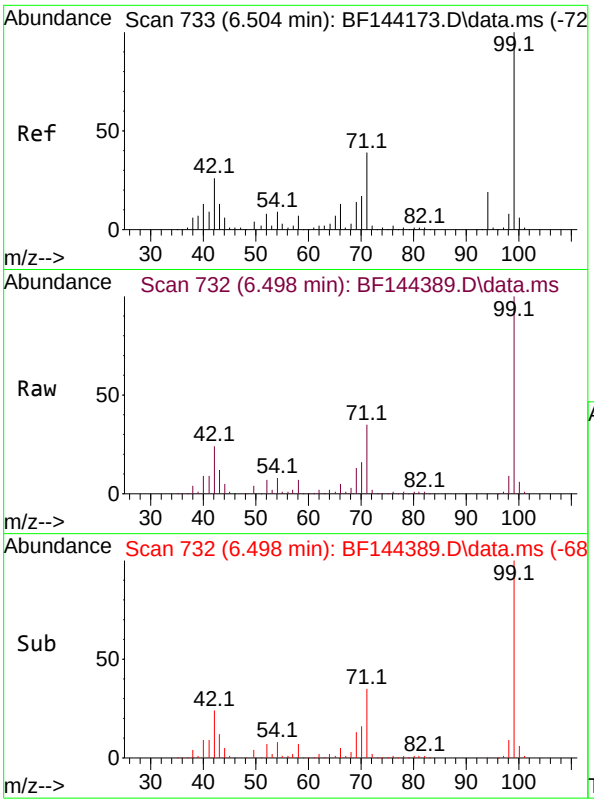


#5
2-Fluorophenol
Concen: 83.347 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion:112 Resp: 293214

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.2	70.8
63	28.5	24.4	36.6

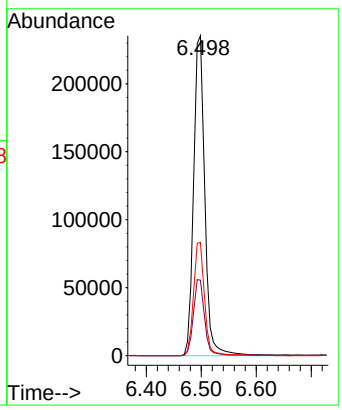




#7
Phenol-d6
Concen: 83.788 ng
RT: 6.498 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion: 99 Resp: 33399

Ion	Ratio	Lower	Upper
99	100		
42	23.6	20.9	31.3
71	35.4	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
STOCKPILE-SAMPLES

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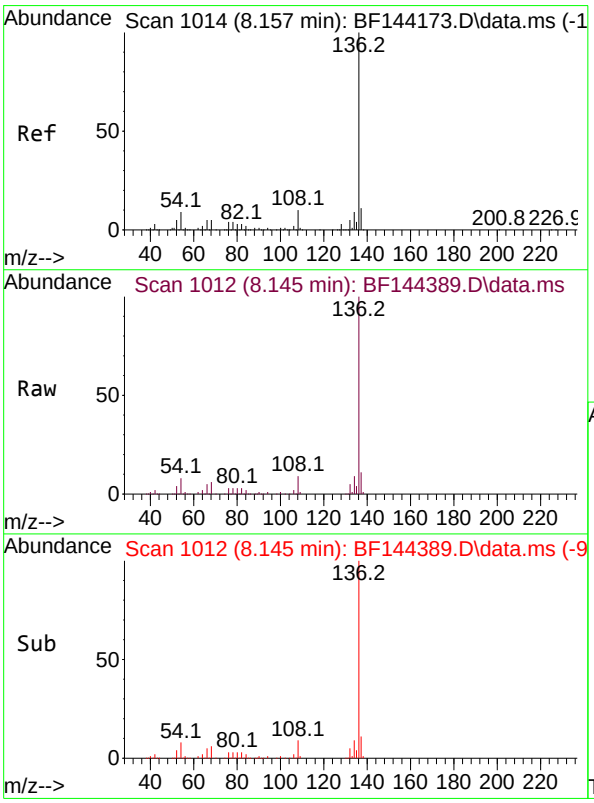
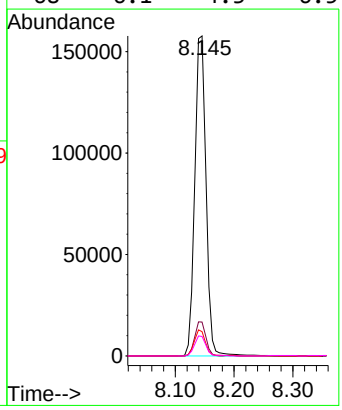
Supervised By :mohammad ahmed 12/03/2025

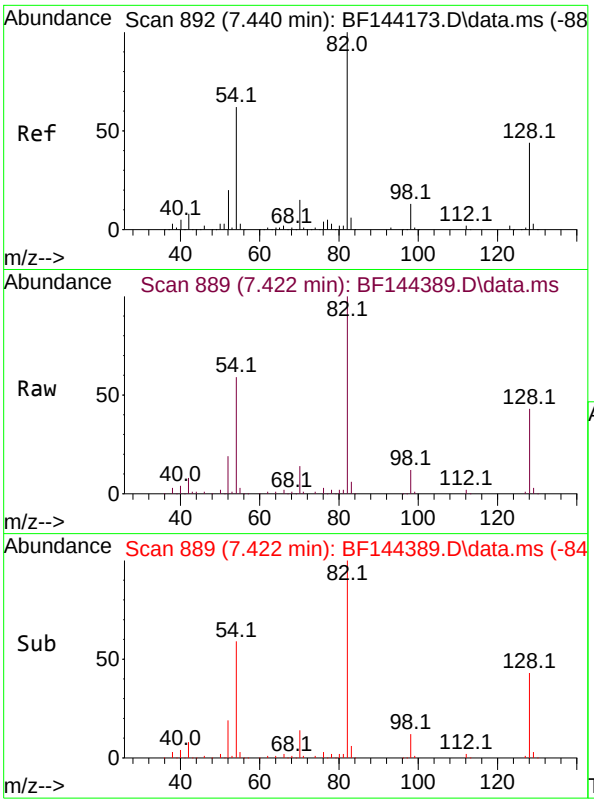


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion:136 Resp: 209511

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.6	7.0	10.6
68	6.1	4.3	6.5

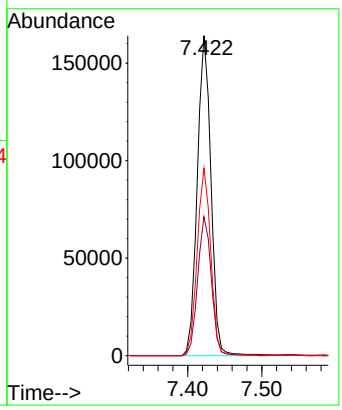




#23
Nitrobenzene-d5
Concen: 58.140 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion: 82 Resp: 21090

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.7	52.1
54	58.5	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
STOCKPILE-SAMPLES

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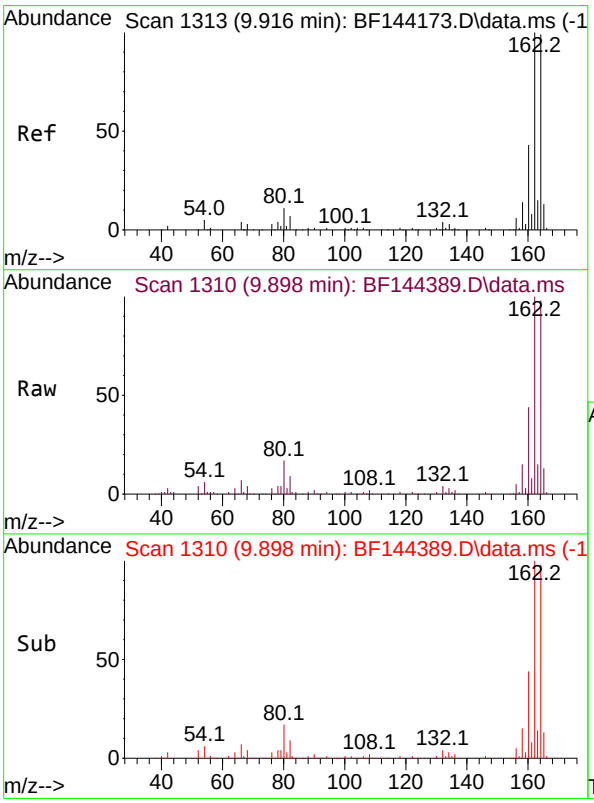
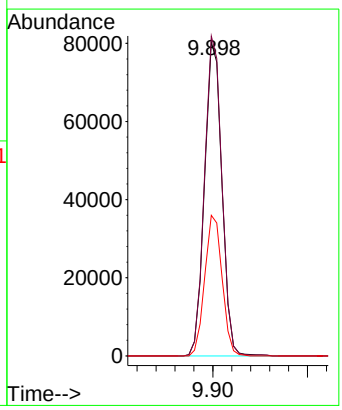
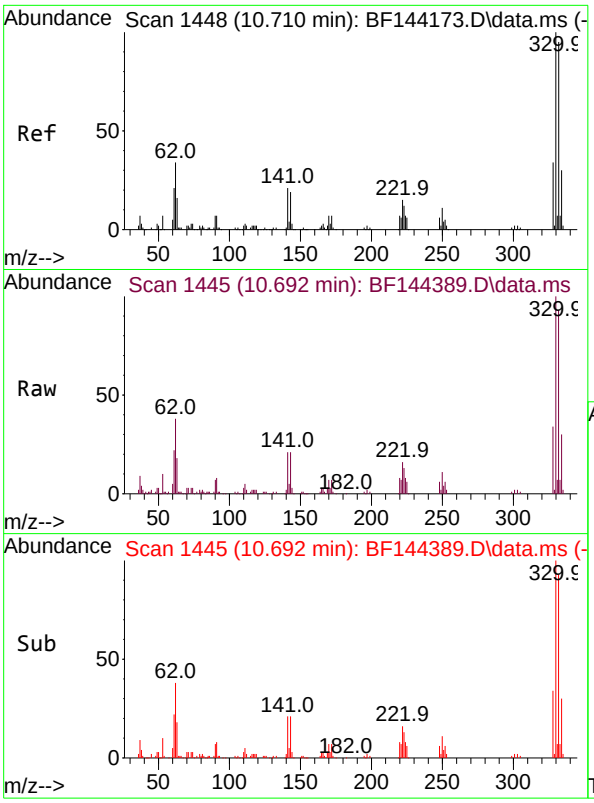


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion:164 Resp: 102395

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.1	121.7
160	44.8	34.5	51.7





#42
2,4,6-Tribromophenol
Concen: 70.501 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion:330 Resp: 9059

Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.7	115.1
141	21.1	17.8	26.8

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-SAMPLES

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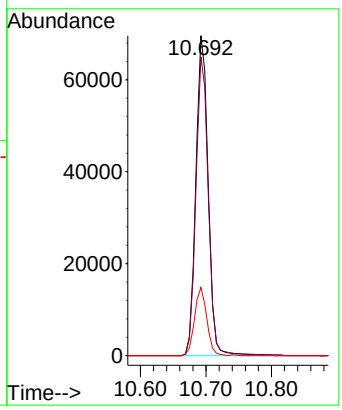
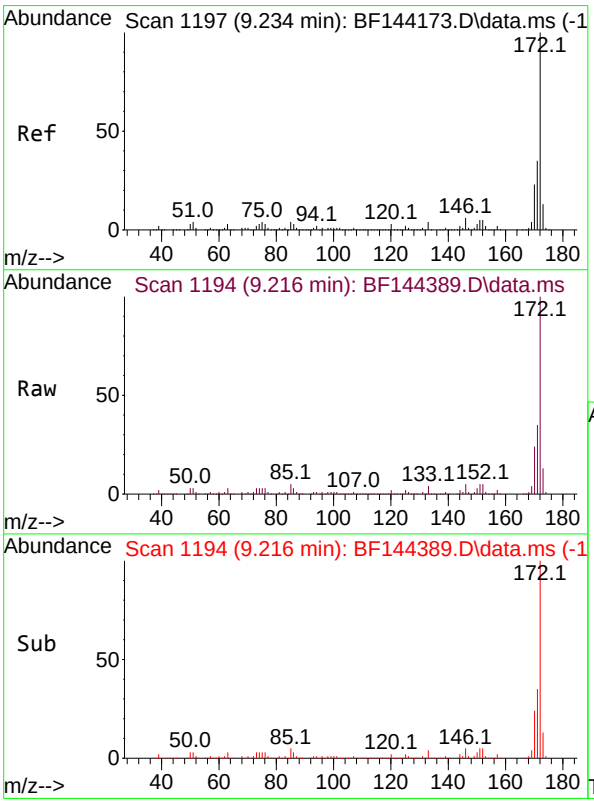
Supervised By :mohammad ahmed 12/03/2025

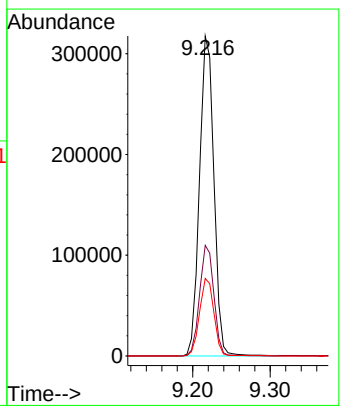


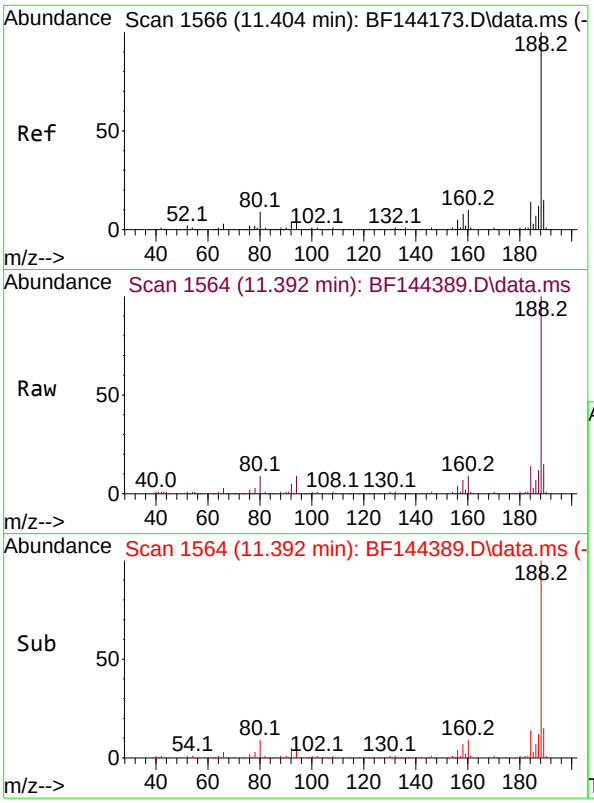


#45
2-Fluorobiphenyl
Concen: 59.112 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion:172 Resp: 409821

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.1	42.1
170	24.2	18.6	28.0

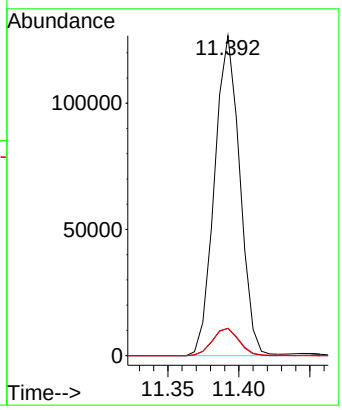




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion:188 Resp: 15697

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.2	9.2
80	8.5	6.9	10.3



Instrument :
BNA_F
ClientSampleId :
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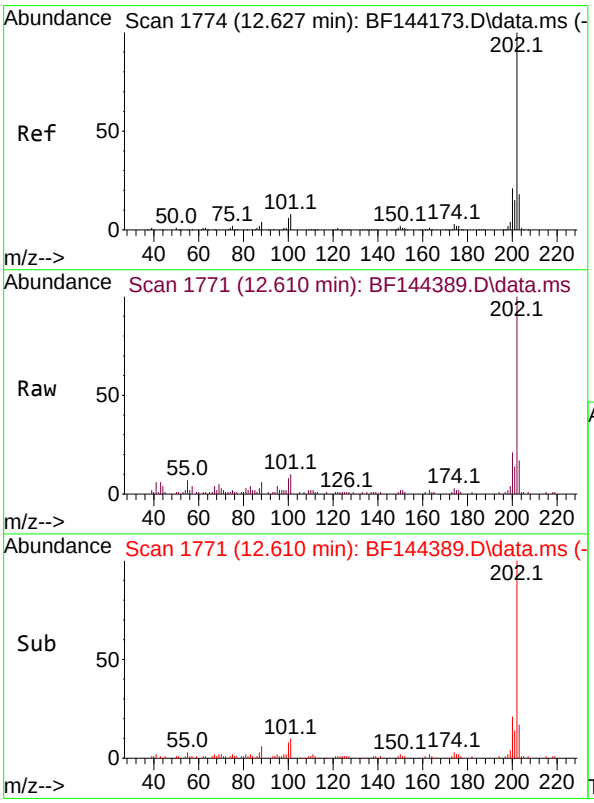
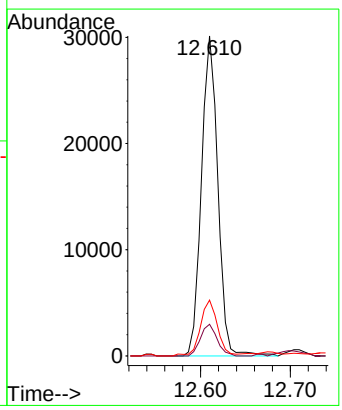
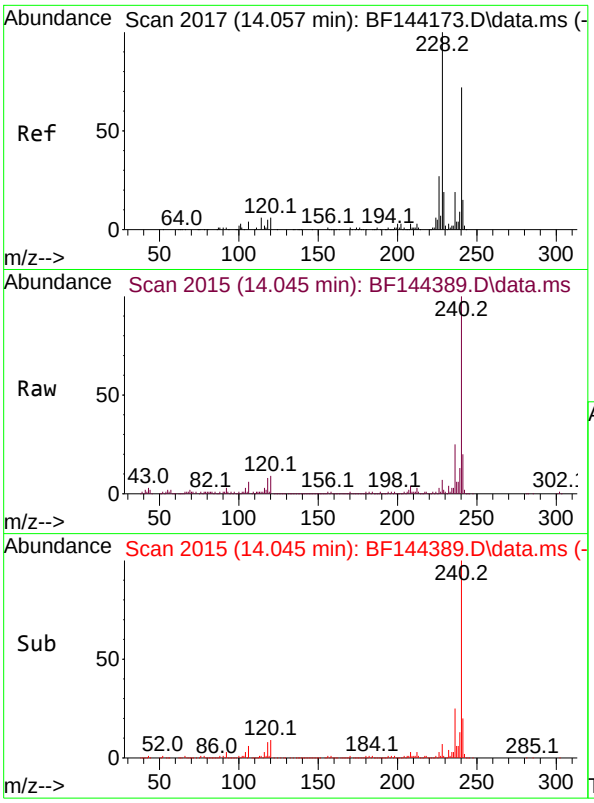


#75
Fluoranthene
Concen: 4.734 ng
RT: 12.610 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion:202 Resp: 38217

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	27.9
203	17.4	0.0	37.5

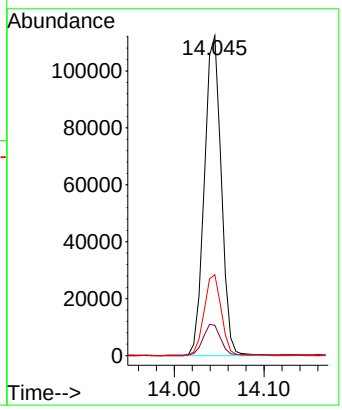




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion:240 Resp: 14680

Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.6	10.0
236	25.3	21.4	32.2



Instrument :
BNA_F
ClientSampleId :
STOCKPILE-SAMPLES

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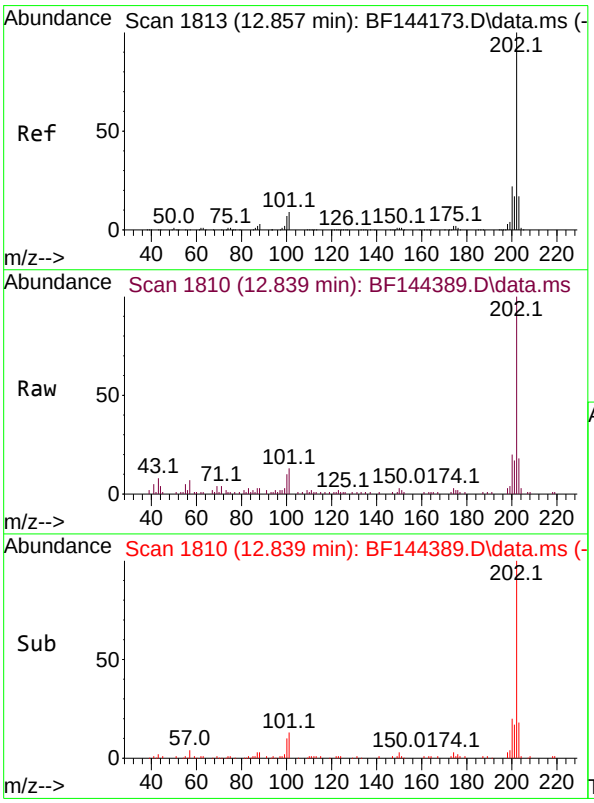
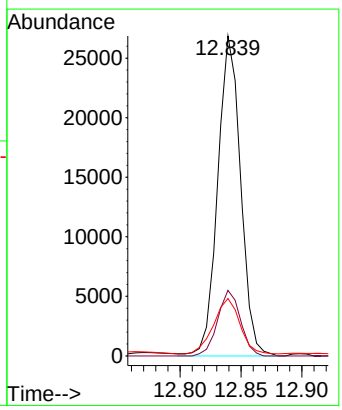
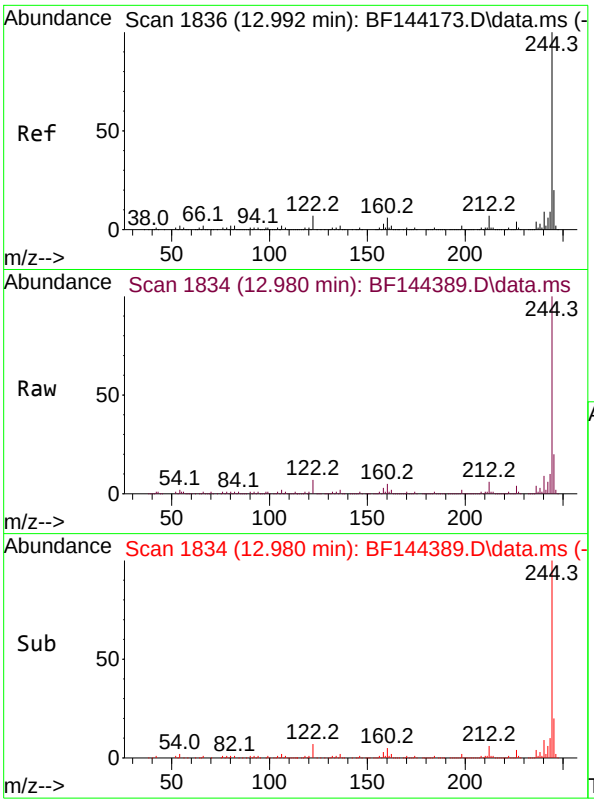


#78
Pyrene
Concen: 2.970 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion:202 Resp: 35160

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.2	25.8
203	17.9	13.7	20.5

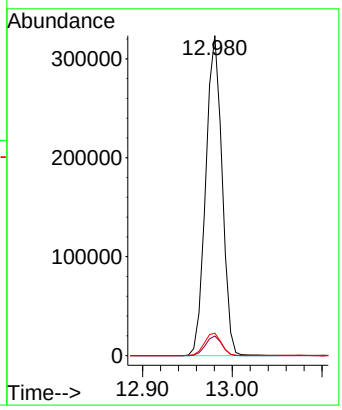




#79
Terphenyl-d14
Concen: 44.205 ng
RT: 12.980 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion:244 Resp: 40856

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.3	7.9
122	7.0	5.6	8.4



Instrument :
BNA_F
ClientSampleId :
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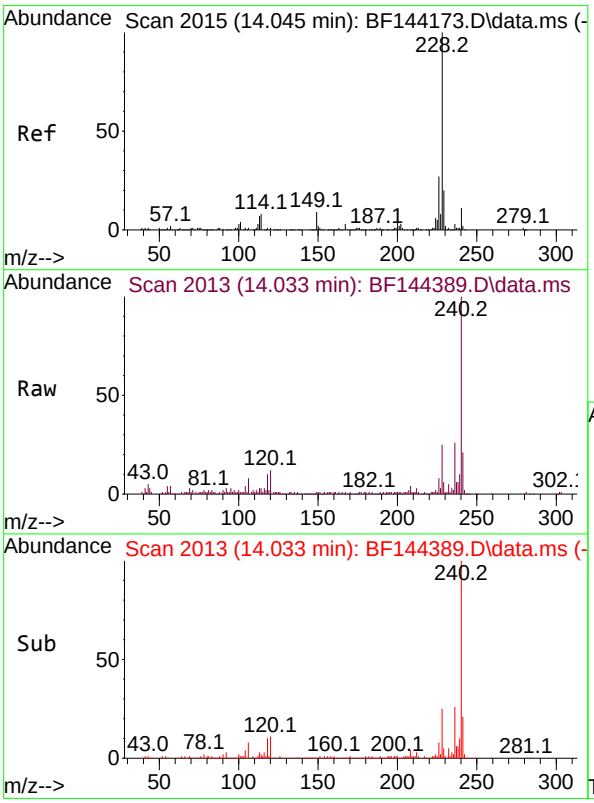
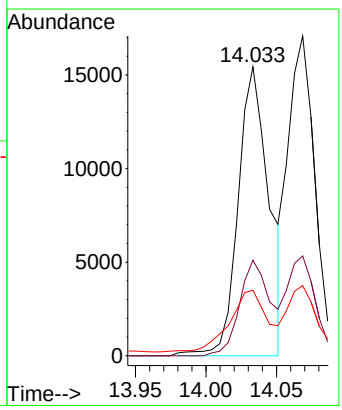
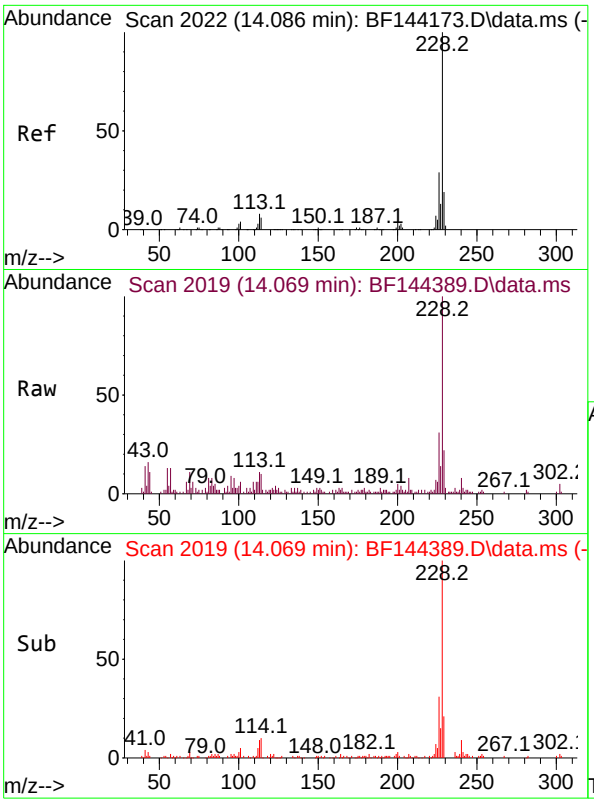


#81
Benzo(a)anthracene
Concen: 2.305 ng m
RT: 14.033 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion:228 Resp: 23452

Ion	Ratio	Lower	Upper
228	100		
226	33.1	21.8	32.8#
229	22.7	15.8	23.6





#83
Chrysene
Concen: 2.441 ng
RT: 14.069 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-SAMPLES

Tgt Ion:228 Resp: 22931

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.9	34.3
229	22.0	15.0	22.6

Manual Integrations
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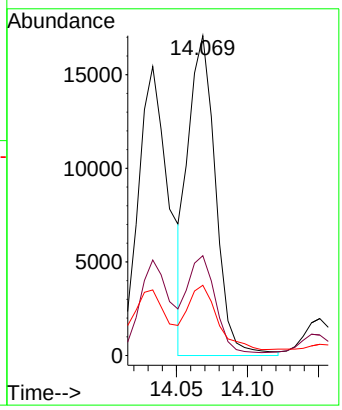
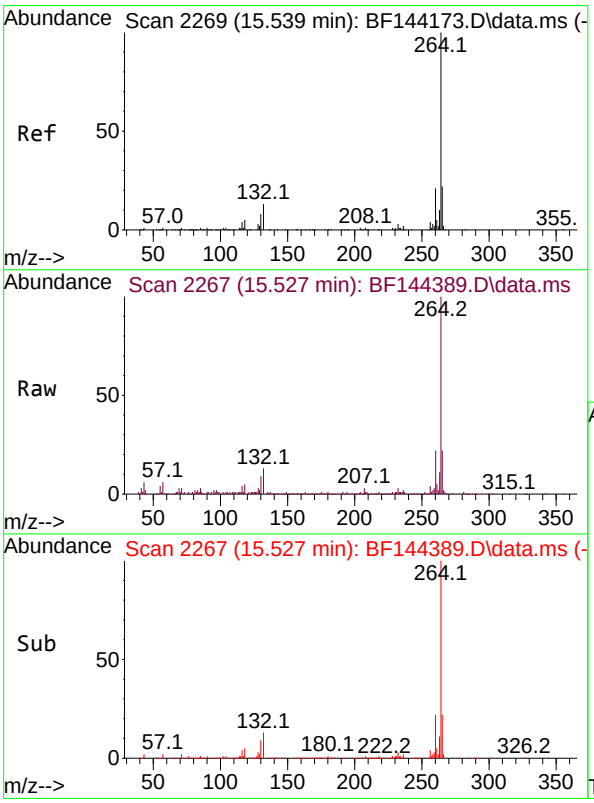
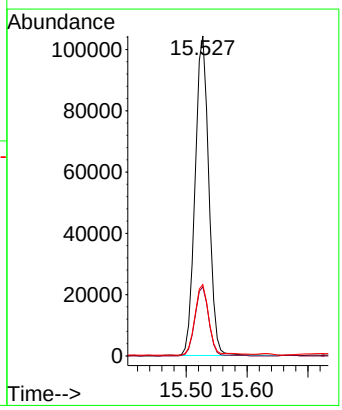


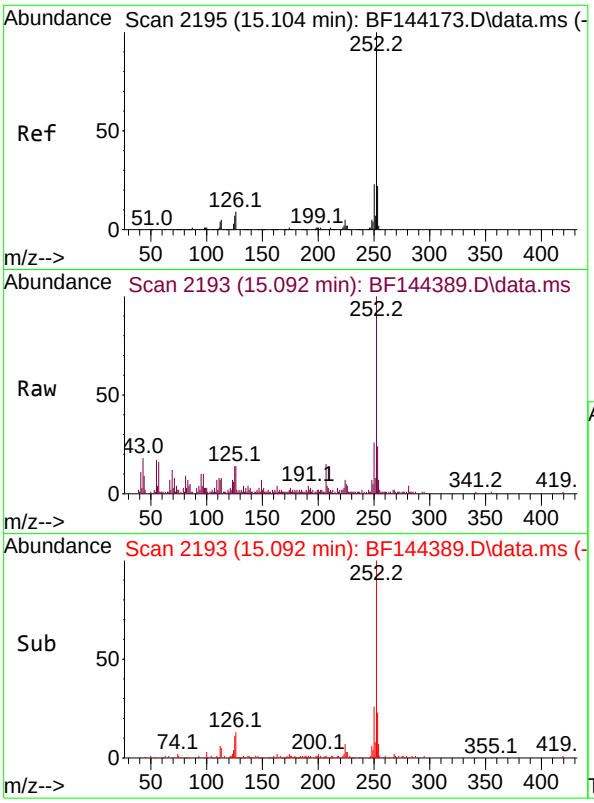


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion:264 Resp: 162341

Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.1	25.7
265	22.3	17.4	26.0





#88
Benzo(b)fluoranthene
Concen: 4.163 ng m
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion:252 Resp: 3842

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	13.8	5.3	7.9#

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-SAMPLES

Manual Integrations
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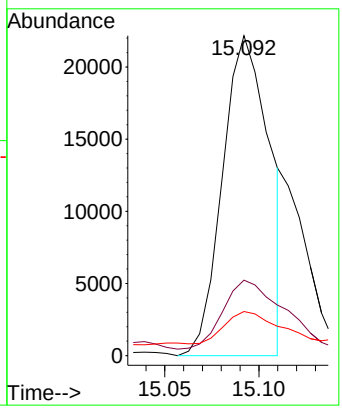
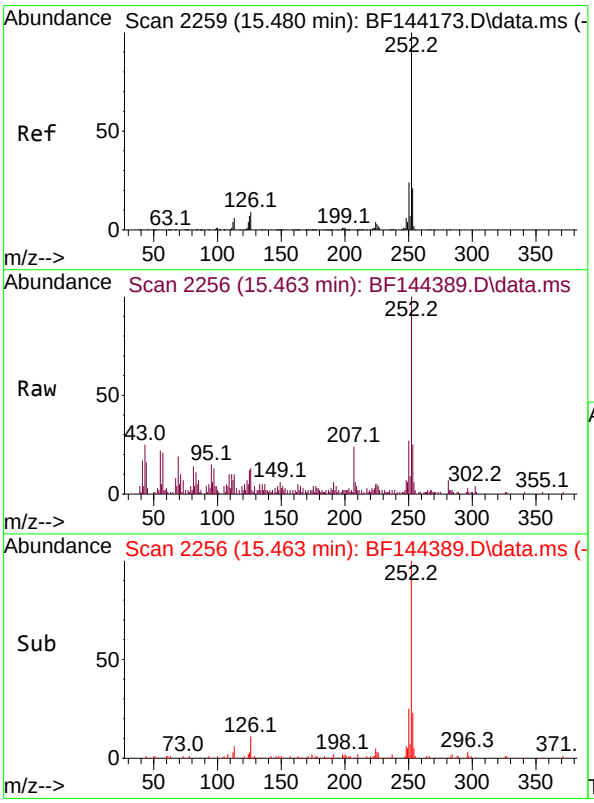
Supervised By :mohammad ahmed 12/03/2025

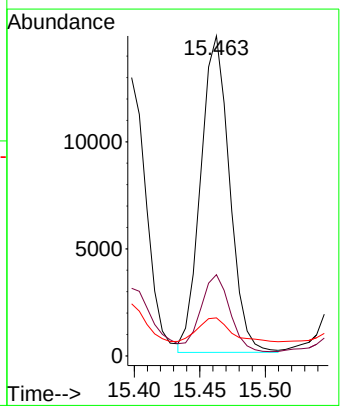




#90
Benzo(a)pyrene
Concen: 2.658 ng
RT: 15.463 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144389.D
Acq: 01 Dec 2025 16:14

Tgt Ion:252 Resp: 22631

Ion	Ratio	Lower	Upper
252	100		
253	25.4	16.7	25.1#
125	11.9	5.7	8.5#



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: ROMA02

Lab Code: ACE SDG No.: Q3725

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
n-Nitrosodimethylamine			0.719	0.726	0.775	0.723	0.770	7.8
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
2,4-Dimethylphenol		0.281	0.278	0.265	0.298	0.260	0.279	5.1
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
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
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-Nitroaniline		0.302	0.347	0.349	0.361	0.326	0.344	6.8
Acenaphthylene		1.727	1.686	1.677	1.645	1.440	1.623	6.6
2,6-Dinitrotoluene		0.251	0.271	0.271	0.276	0.252	0.268	5.2
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
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

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: ROMA02

Lab Code: ACE SDG No.: Q3725

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
Fluorene		1.295	1.223	1.197	1.180	0.997	1.156	8.9
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
Azobenzene		1.157	1.203	1.145	1.164	0.995	1.137	6.3
2,4,6-Tribromophenol		0.242	0.257	0.257	0.265	0.227	0.251	5.3
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
Benzidine			0.707	0.519	0.624	0.512	0.592	13.0
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
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

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

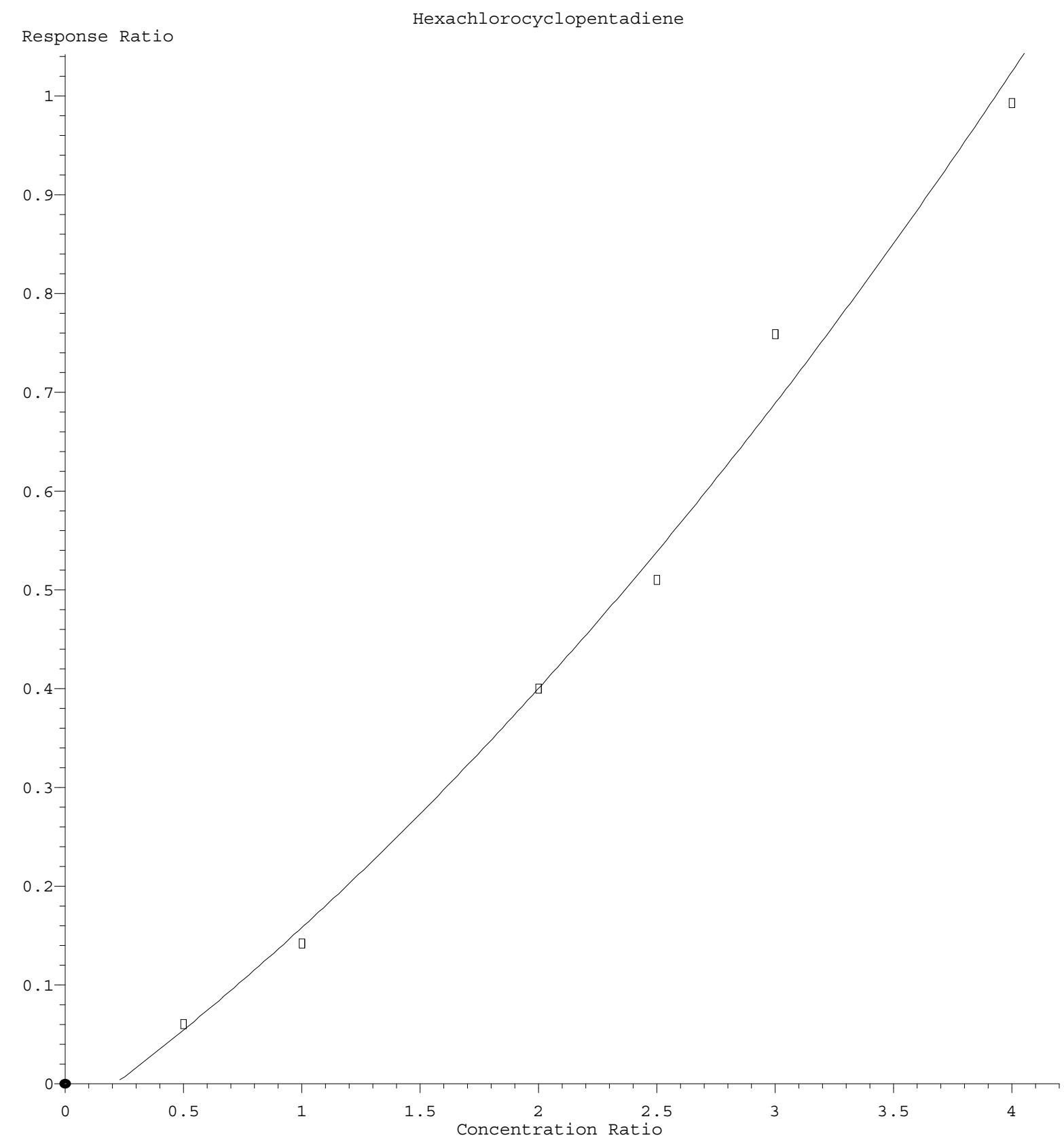
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

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

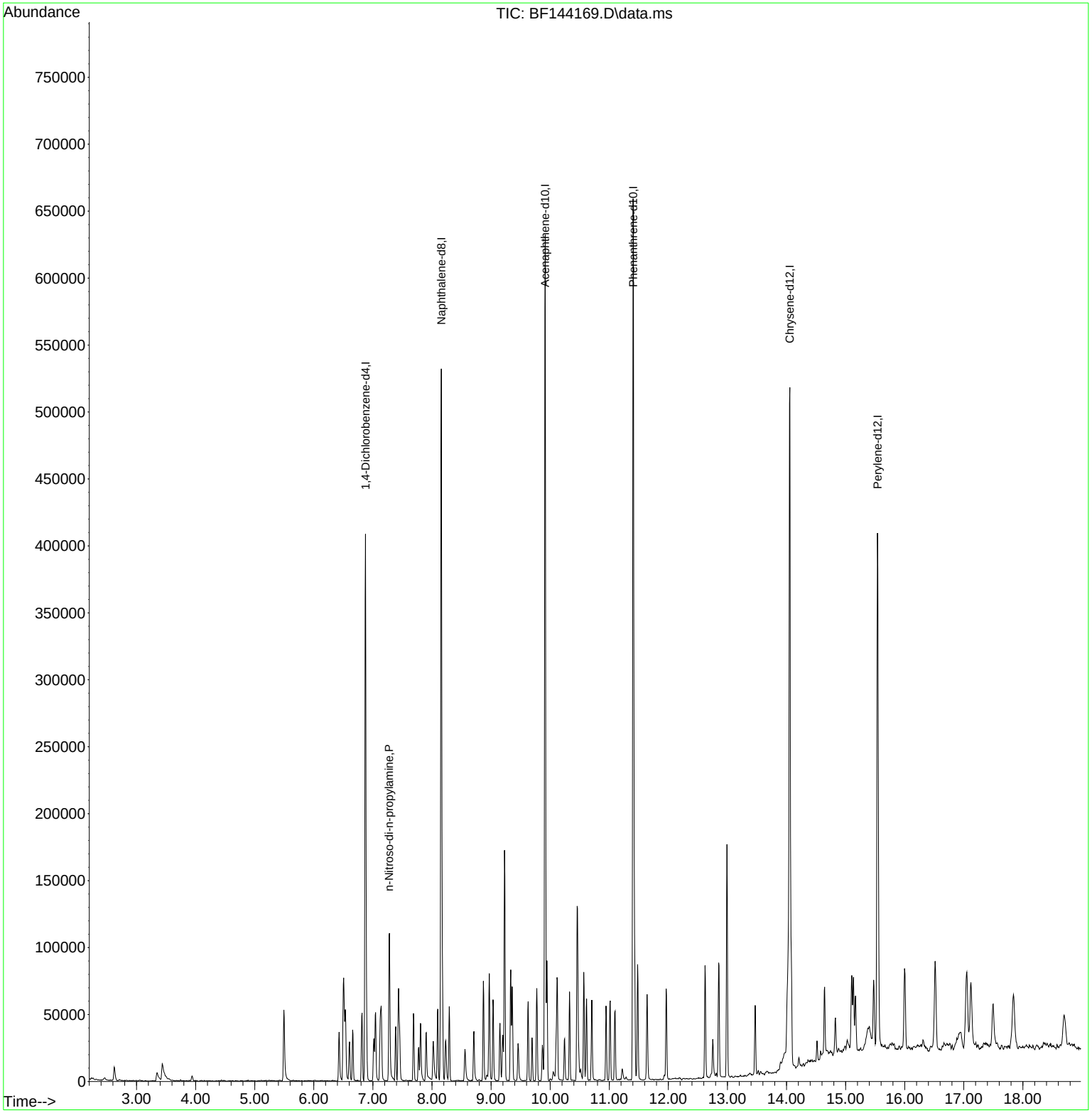
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

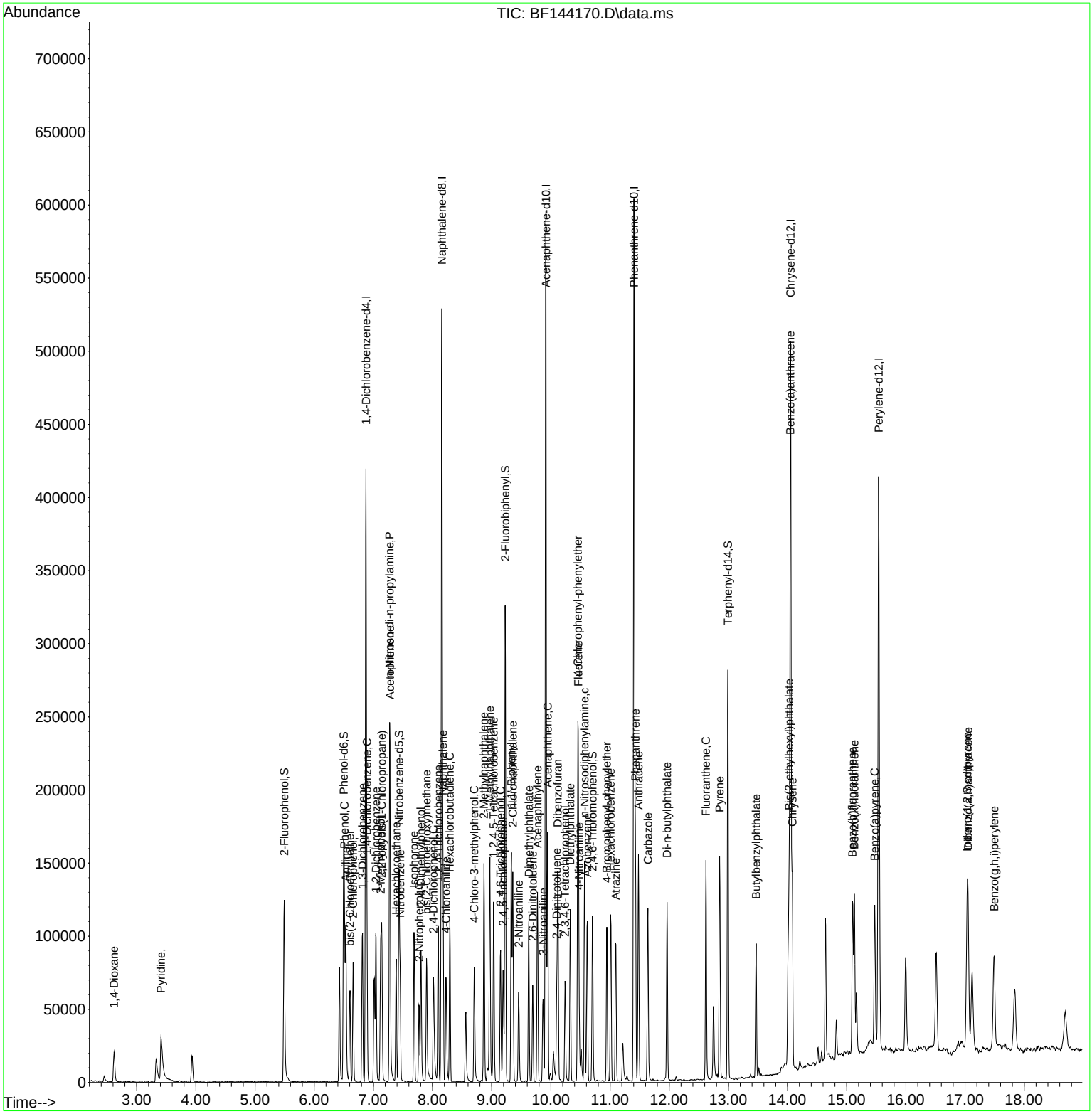
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144170.D
Acq On : 05 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

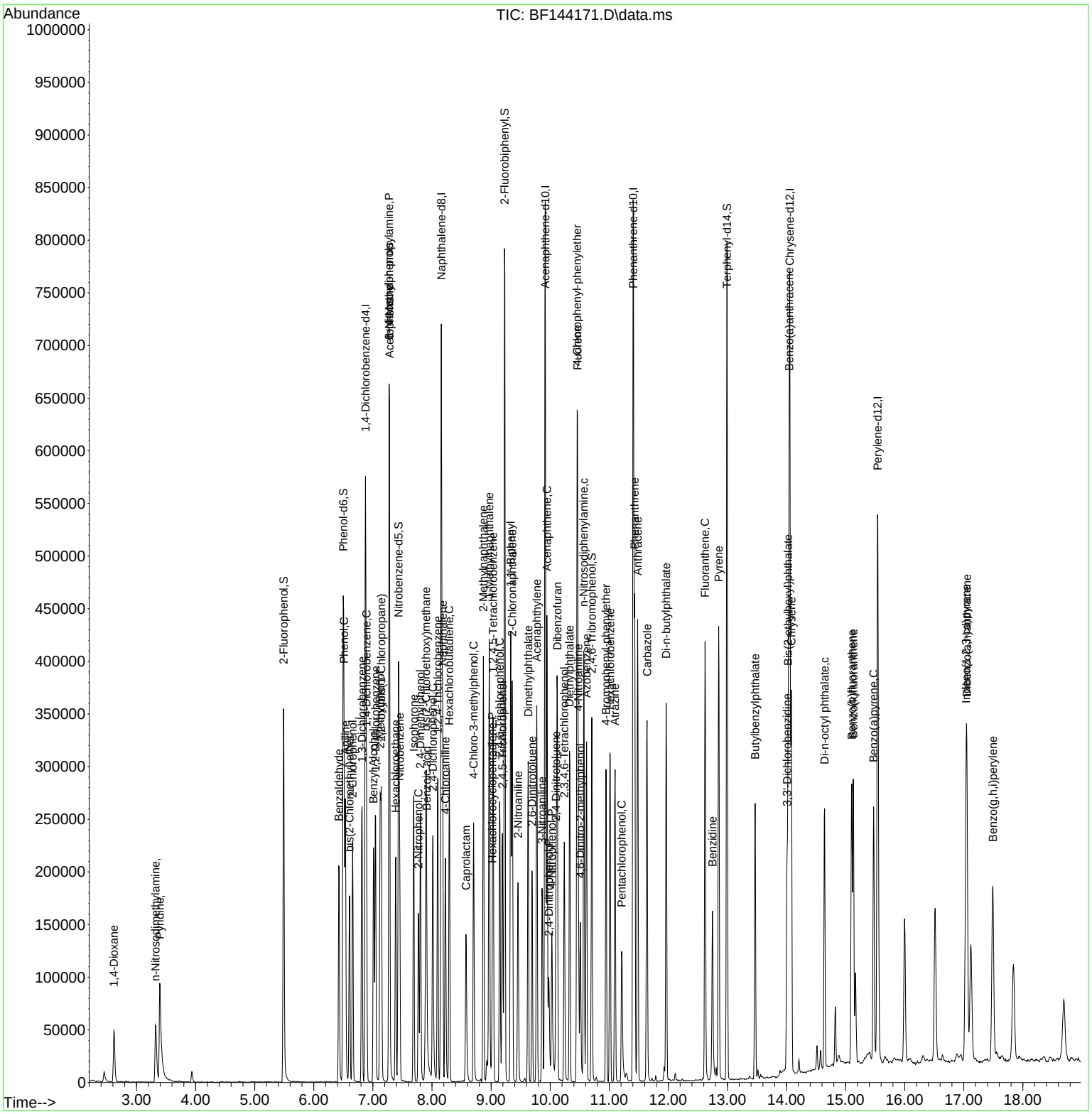
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	63779	10.160	ng		98
46) 1,1'-Biphenyl	9.334	154	188739	10.355	ng		99
47) 2-Chloronaphthalene	9.357	162	158745	10.211	ng		100
48) 2-Nitroaniline	9.457	65	45323	10.104	ng		97
49) Acenaphthylene	9.775	152	220118	10.390	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

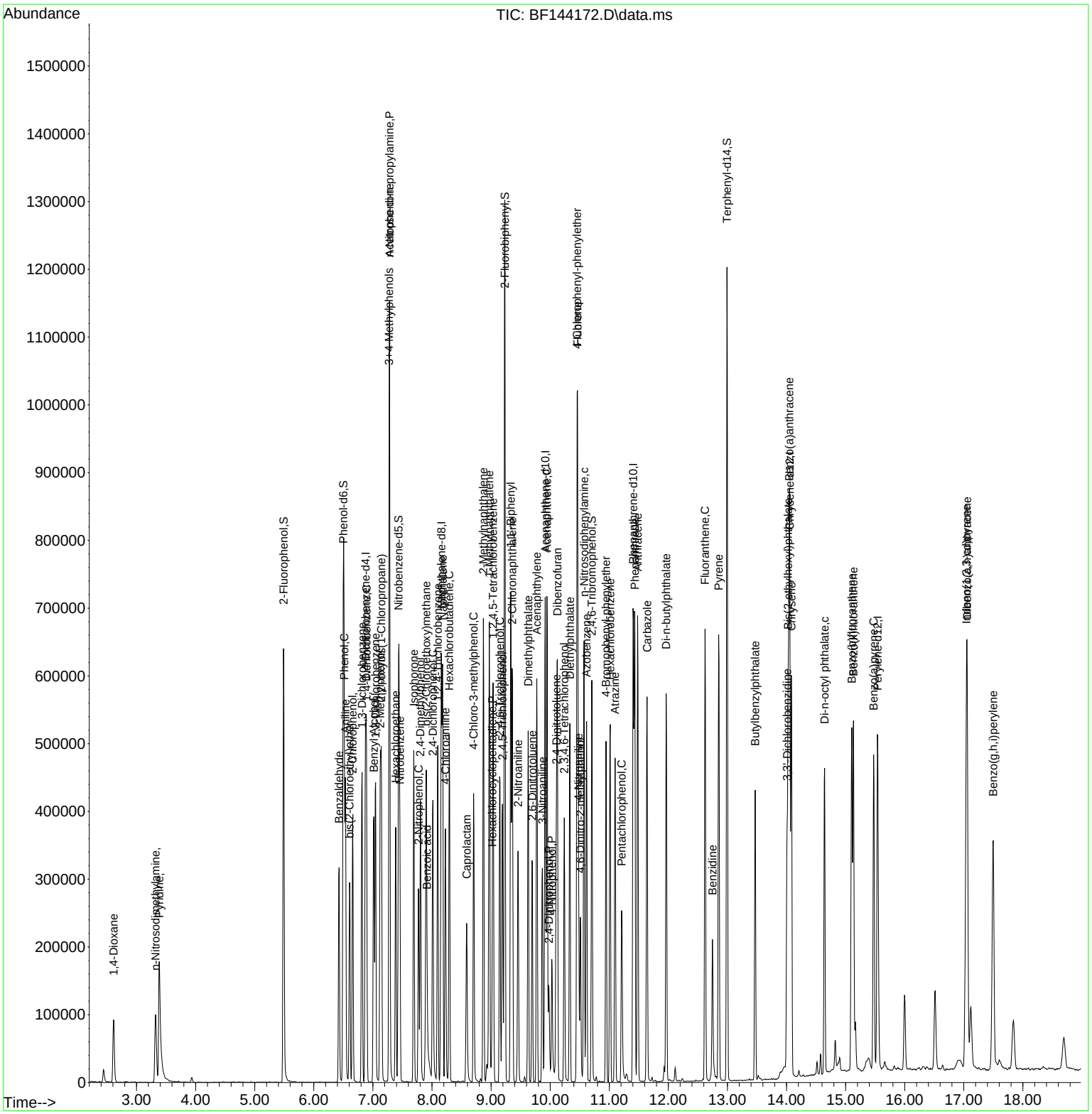
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

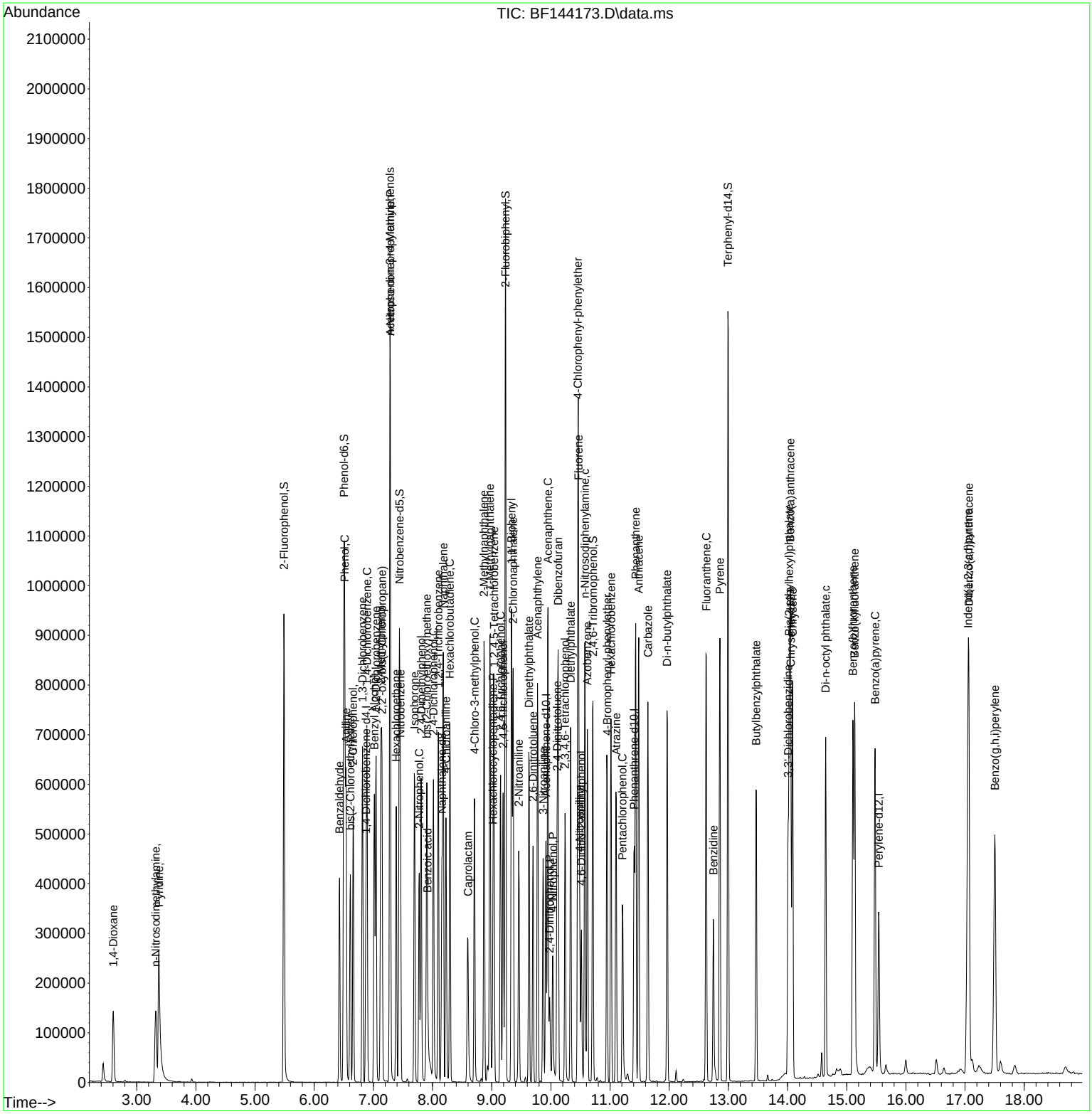
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	145405	40.641	ng	100
46) 1,1'-Biphenyl	9.334	154	419119	40.345	ng	100
47) 2-Chloronaphthalene	9.363	162	358514	40.458	ng	100
48) 2-Nitroaniline	9.457	65	107536	42.059	ng	100
49) Acenaphthylene	9.775	152	489708	40.553	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

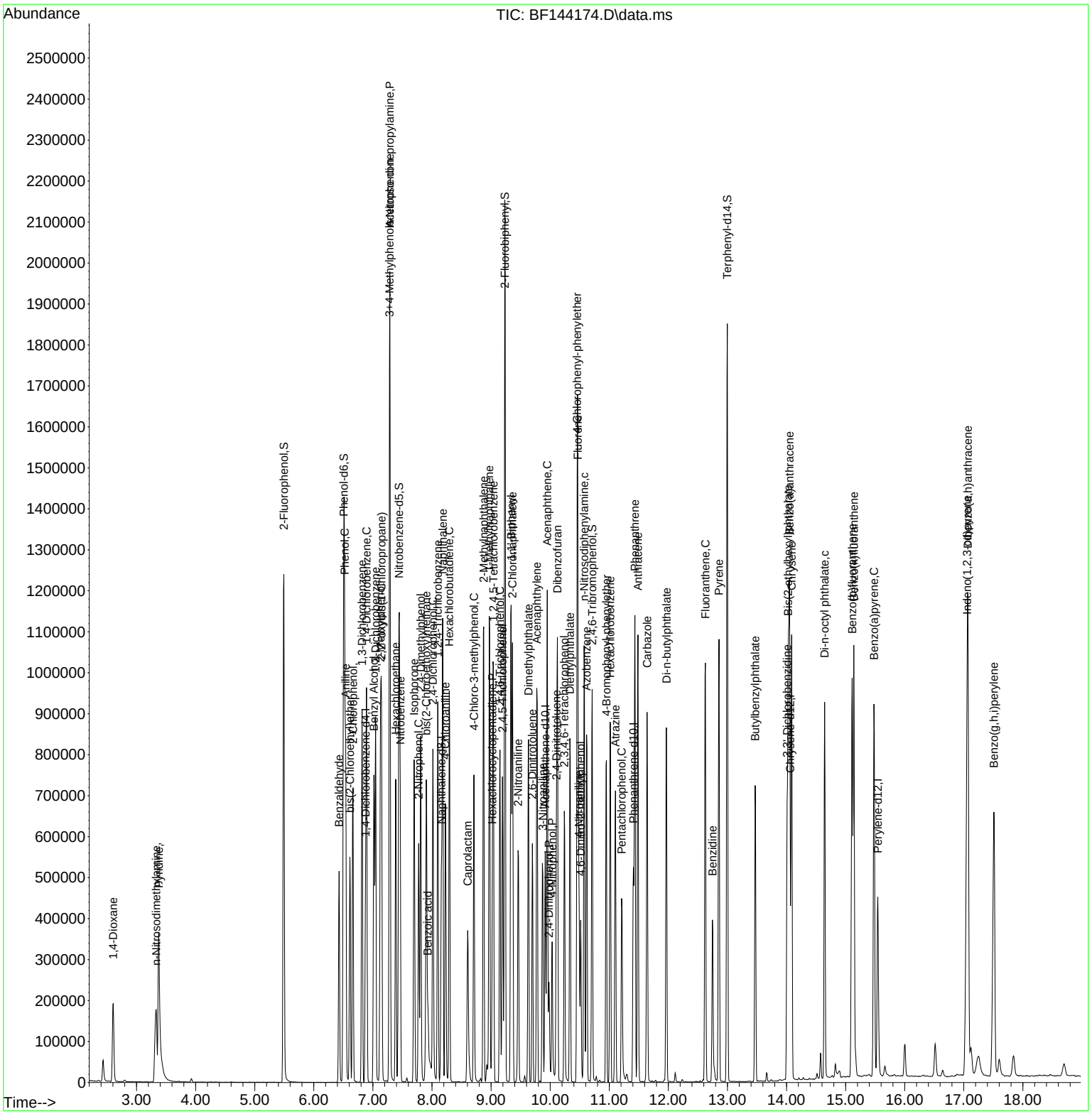
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186449	45.542	ng	100
46) 1,1'-Biphenyl	9.339	154	527437	44.371	ng	99
47) 2-Chloronaphthalene	9.363	162	454778	44.851	ng	99
48) 2-Nitroaniline	9.457	65	138845	47.458	ng	97
49) Acenaphthylene	9.775	152	613066	44.368	ng	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

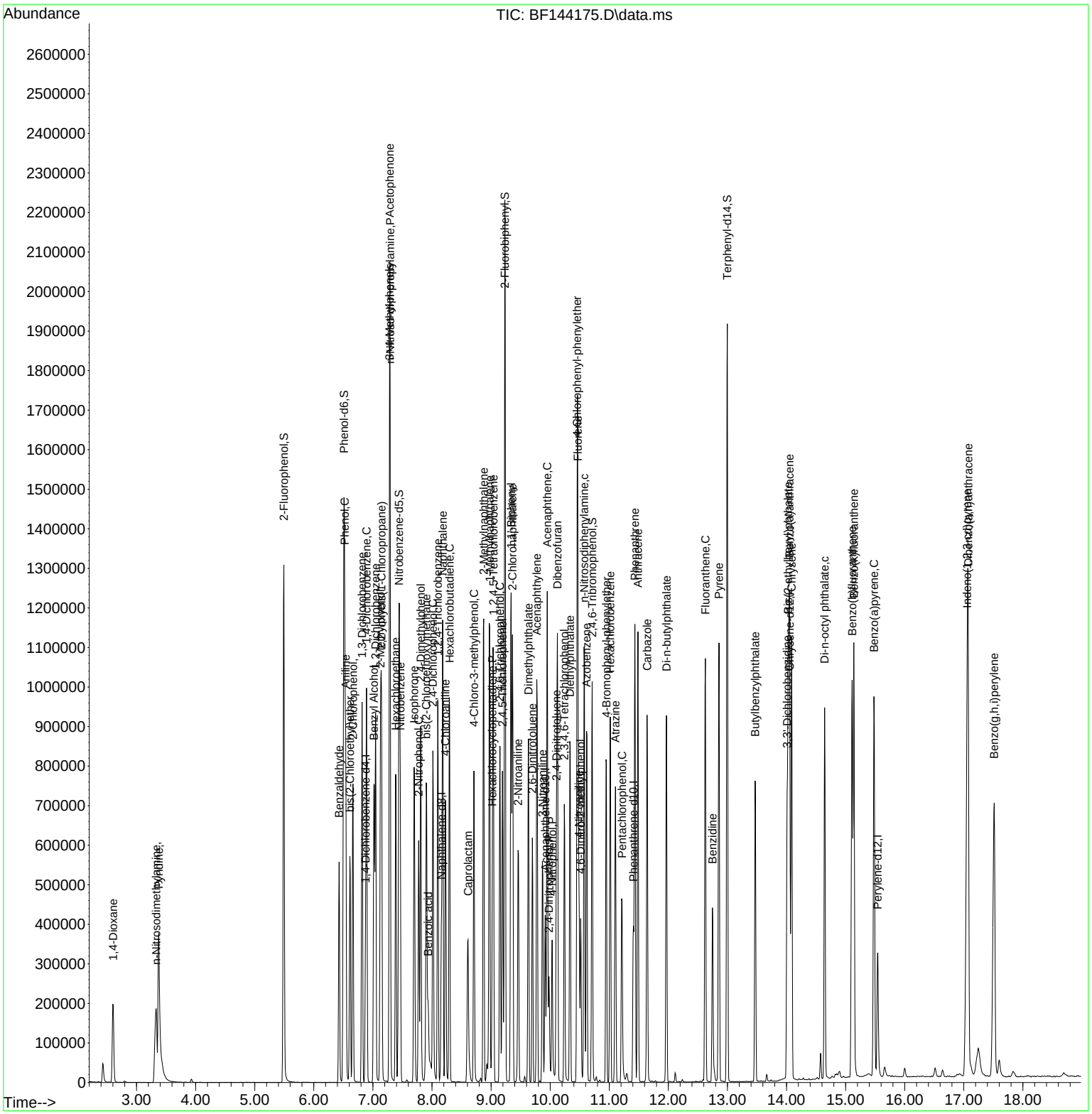
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	190324	62.639	ng	99
46) 1,1'-Biphenyl	9.339	154	549700	62.310	ng	99
47) 2-Chloronaphthalene	9.363	162	474514	63.056	ng	99
48) 2-Nitroaniline	9.457	65	141938	65.370	ng	98
49) Acenaphthylene	9.775	152	636324	62.050	ng	100
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

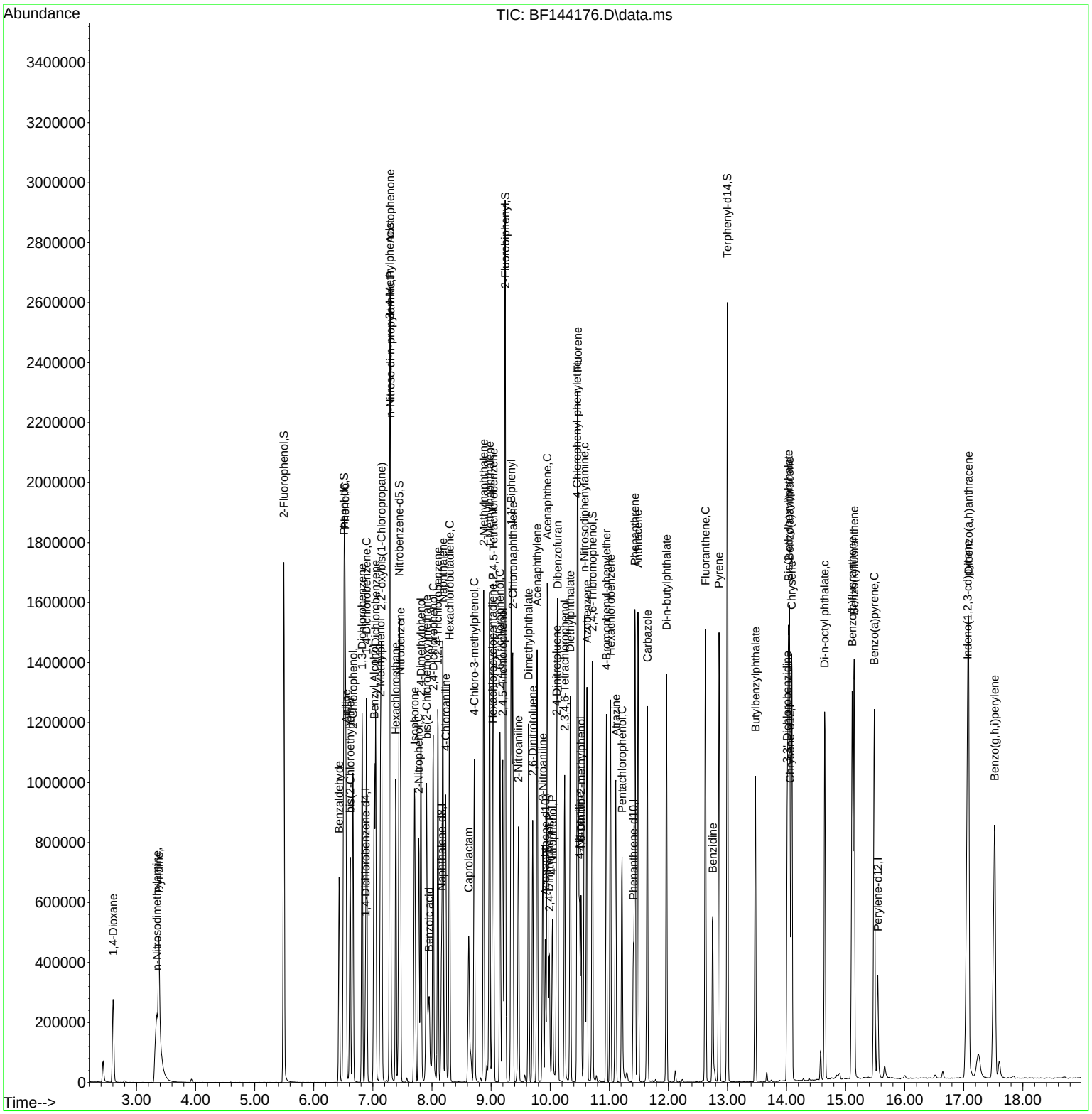
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

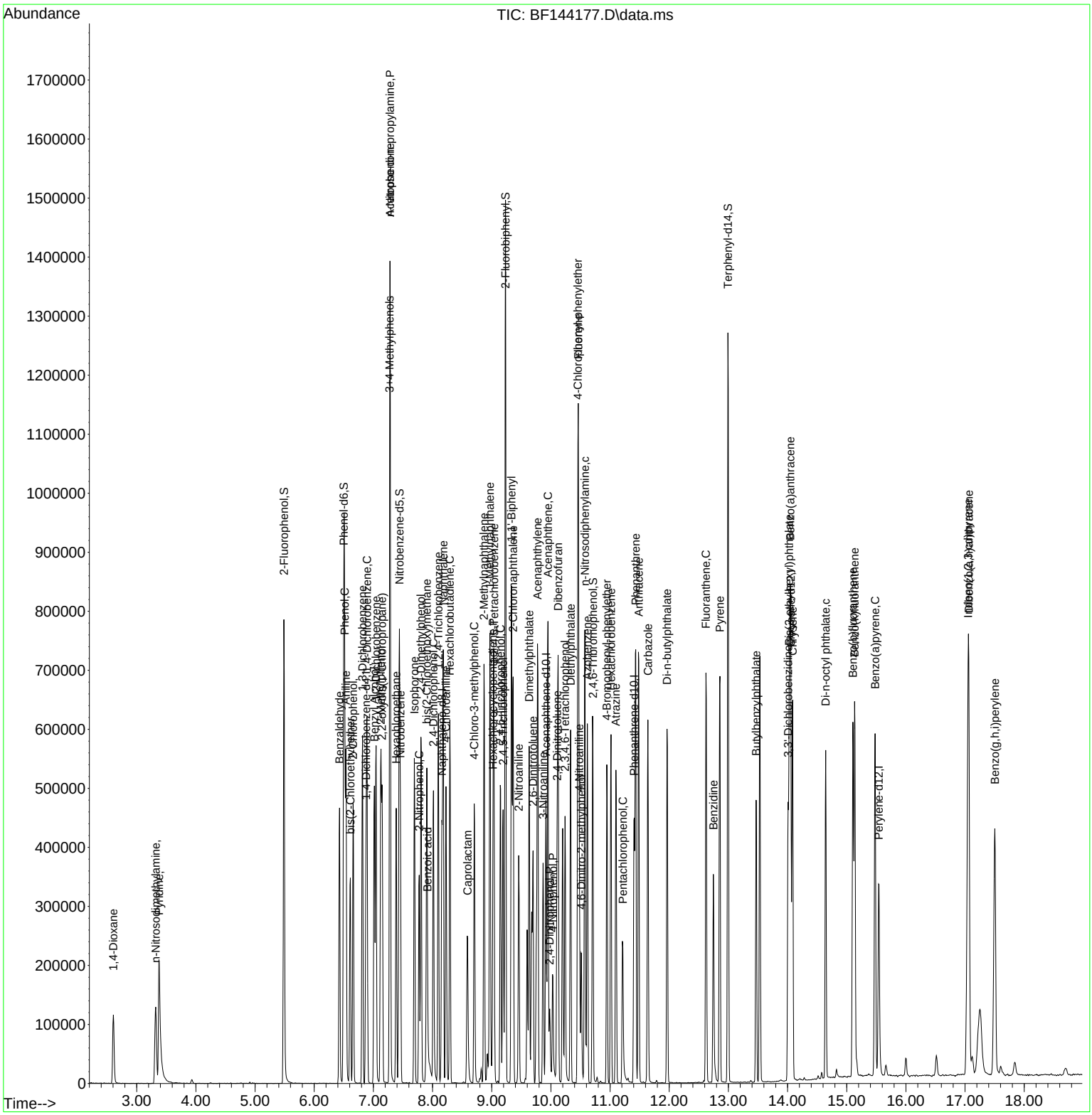
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

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 :
ICVBF110525

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\
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)
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

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	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
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)

(#) = 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\
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)
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: **BF144382.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: ROMA02

Lab Code: ACE SDG No.: Q3725

Instrument ID: BNA_F Calibration Date/Time: 12/01/2025 12:41

Lab File ID: BF144382.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
n-Nitrosodimethylamine	0.770	0.733		-4.8	
2-Fluorophenol	1.278	1.337		4.6	
Benzaldehyde	0.818	0.992		21.3	
Phenol-d6	1.448	1.478		2.1	
Phenol	1.769	1.809		2.3	20.0
bis(2-Chloroethyl)ether	1.289	1.354		5.0	
2-Chlorophenol	1.253	1.315		4.9	
2-Methylphenol	0.997	1.010		1.3	
2,2-oxybis(1-Chloropropane)	2.374	2.447		3.1	
Acetophenone	0.429	0.416		-3.0	
3+4-Methylphenols	1.175	1.167		-0.7	
n-Nitroso-di-n-propylamine	0.953	0.893	0.050	-6.3	
Nitrobenzene-d5	0.346	0.348		0.6	
Hexachloroethane	0.515	0.514		-0.2	
Nitrobenzene	0.376	0.380		1.1	
Isophorone	0.655	0.652		-0.5	
2,4-Dimethylphenol	0.279	0.287		2.9	
2,4-Dichlorophenol	0.322	0.323		0.3	20.0
Naphthalene	0.951	0.962		1.2	
Hexachlorobutadiene	0.249	0.229		-8.0	20.0
Caprolactam	0.088	0.089		1.1	
2-Methylnaphthalene	0.636	0.626		-1.6	
Hexachlorocyclopentadiene	0.195	0.158	0.050	-19.0	
2,4,6-Trichlorophenol	0.446	0.435		-2.5	20.0
2-Fluorobiphenyl	1.354	1.305		-3.6	
2,4,5-Trichlorophenol	0.481	0.458		-4.8	
1,1-Biphenyl	1.396	1.414		1.3	
2-Nitroaniline	0.344	0.355		3.2	
Acenaphthylene	1.623	1.610		-0.8	
2,6-Dinitrotoluene	0.268	0.269		0.4	
Acenaphthene	1.085	0.988		-8.9	20.0
2,4-Dinitrophenol	0.162	0.179	0.050	10.5	
2,4-Dinitrotoluene	0.359	0.357		-0.6	
Diethylphthalate	1.221	1.149		-5.9	
Fluorene	1.156	1.117		-3.4	
4,6-Dinitro-2-methylphenol	0.136	0.127		-6.6	
n-Nitrosodiphenylamine	0.643	0.665		3.4	20.0
Azobenzene	1.137	1.123		-1.2	
2,4,6-Tribromophenol	0.251	0.225		-10.4	

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:	ROMA02		
Lab Code:	ACE	SDG No.:	Q3725		
Instrument ID:	BNA_F	Calibration Date/Time:	12/01/2025	12:41	
Lab File ID:	BF144382.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
Hexachlorobenzene	0.301	0.292		-3.0	
Atrazine	0.205	0.188		-8.3	
Pentachlorophenol	0.150	0.158		5.3	20.0
Phenanthrene	0.996	1.001		0.5	
Anthracene	1.013	1.018		0.5	
Carbazole	0.861	0.877		1.9	
Di-n-butylphthalate	1.041	1.043		0.2	
Fluoranthene	1.029	1.028		-0.1	20.0
Benzidine	0.592	0.749		26.5	
Pyrene	1.613	1.464		-9.2	
Terphenyl-d14	1.259	1.094		-13.1	
Butylbenzylphthalate	0.559	0.542		-3.0	
3,3-Dichlorobenzidine	0.475	0.489		2.9	
Benzo(a)anthracene	1.386	1.414		2.0	
Chrysene	1.280	1.240		-3.1	
Bis(2-ethylhexyl)phthalate	0.765	0.774		1.2	
Di-n-octyl phthalate	1.320	1.422		7.7	20.0
Benzo(b)fluoranthene	1.137	1.133		-0.4	
Benzo(k)fluoranthene	1.064	1.064		0.0	
Benzo(a)pyrene	1.049	1.056		0.7	20.0
Indeno(1,2,3-cd)pyrene	1.436	1.369		-4.7	
Dibenzo(a,h)anthracene	1.153	1.112		-3.6	
Benzo(g,h,i)perylene	1.139	1.089		-4.4	

All other compounds must meet a minimum RRF of 0.010.

Sample Results: **BF144382.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 13:07:50 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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58717	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	221118	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	119295	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	191565	20.000	ng	0.00
76) Chrysene-d12	14.045	240	137289	20.000	ng	0.00
86) Perylene-d12	15.527	264	182291	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	313920	83.663	ng	0.00
7) Phenol-d6	6.498	99	347086	81.638	ng	0.00
23) Nitrobenzene-d5	7.428	82	307849	80.409	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	107298	71.675	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	622643	77.086	ng	0.00
79) Terphenyl-d14	12.980	244	600969	69.531	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	68402	44.094	ng	96
3) Pyridine	3.351	79	187981	43.435	ng	98
4) n-Nitrosodimethylamine	3.298	42	86064	38.071	ng	91
6) Aniline	6.528	93	244717	40.400	ng	91
8) 2-Chlorophenol	6.651	128	154379	41.954	ng	99
9) Benzaldehyde	6.416	77	116553	48.549	ng	98
10) Phenol	6.516	94	212470	40.903	ng	84
11) bis(2-Chloroethyl)ether	6.598	93	159024	42.014	ng	99
12) 1,3-Dichlorobenzene	6.804	146	180848	39.829	ng	97
13) 1,4-Dichlorobenzene	6.881	146	182952	40.218	ng	99
14) 1,2-Dichlorobenzene	7.034	146	171877	39.420	ng	99
15) Benzyl Alcohol	7.010	79	132720	39.424	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	287361	41.227	ng	88
17) 2-Methylphenol	7.122	107	118607	40.517	ng	97
18) Hexachloroethane	7.375	117	60409	39.971	ng	100
19) n-Nitroso-di-n-propyla...	7.275	70	104910	37.484	ng	98
20) 3+4-Methylphenols	7.275	107	137064	39.719	ng	95
22) Acetophenone	7.275	105	183860	38.761	ng	97
24) Nitrobenzene	7.451	77	168032	40.422	ng	97
25) Isophorone	7.686	82	288281	39.808	ng	98
26) 2-Nitrophenol	7.763	139	87141	42.348	ng	96
27) 2,4-Dimethylphenol	7.798	122	126939m	41.158	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	187333	41.425	ng	98
29) 2,4-Dichlorophenol	8.010	162	143010	40.230	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	140198	38.408	ng	99
31) Naphthalene	8.169	128	425428	40.446	ng	99
32) Benzoic acid	7.916	122	86617m	38.313	ng	
33) 4-Chloroaniline	8.222	127	155895	40.638	ng	98
34) Hexachlorobutadiene	8.281	225	101051	36.733	ng	98
35) Caprolactam	8.592	113	39341	40.395	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	127233	39.937	ng	99
37) 2-Methylnaphthalene	8.863	142	276714	39.348	ng	99
38) 1-Methylnaphthalene	8.957	142	261880	38.593	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	149328	38.194	ng	97
41) Hexachlorocyclopentadiene	9.010	237	37801	33.548	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	103805	39.010	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 13:07:50 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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	109307	38.113	ng		99
46) 1,1'-Biphenyl	9.322	154	337329	40.510	ng		100
47) 2-Chloronaphthalene	9.351	162	284497	40.052	ng		99
48) 2-Nitroaniline	9.451	65	84742	41.348	ng		94
49) Acenaphthylene	9.763	152	384106	39.682	ng		100
50) Dimethylphthalate	9.616	163	303102	38.352	ng		99
51) 2,6-Dinitrotoluene	9.686	165	64232	40.149	ng		97
52) Acenaphthene	9.939	154	235733	36.418	ng		99
53) 3-Nitroaniline	9.863	138	71774	41.041	ng		96
54) 2,4-Dinitrophenol	9.975	184	42780	44.283	ng		97
55) Dibenzofuran	10.110	168	351740	38.799	ng		99
56) 4-Nitrophenol	10.033	139	45990	36.354	ng		89
57) 2,4-Dinitrotoluene	10.098	165	85136	39.752	ng		98
58) Fluorene	10.457	166	266464	38.659	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	74216	36.576	ng	#	100
60) Diethylphthalate	10.322	149	274187	37.635	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	147621	37.599	ng		99
62) 4-Nitroaniline	10.474	138	65981	39.617	ng		93
63) Azobenzene	10.604	77	267889	39.510	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	48786	37.488	ng		96
66) n-Nitrosodiphenylamine	10.563	169	254610	41.324	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	94832	38.784	ng		99
68) Hexachlorobenzene	11.004	284	111963	38.875	ng		98
69) Atrazine	11.092	200	71941	36.716	ng		96
70) Pentachlorophenol	11.204	266	60464	42.160	ng		99
71) Phenanthrene	11.421	178	383477	40.206	ng		99
72) Anthracene	11.474	178	389942	40.207	ng		99
73) Carbazole	11.627	167	335985	40.741	ng		99
74) Di-n-butylphthalate	11.951	149	399779	40.101	ng		99
75) Fluoranthene	12.616	202	393834	39.973	ng		99
77) Benzidine	12.733	184	205721	50.659	ng		99
78) Pyrene	12.845	202	401965	36.313	ng		98
80) Butylbenzylphthalate	13.457	149	148885	38.807	ng		96
81) Benzo(a)anthracene	14.033	228	388268	40.805	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	134399	41.207	ng		98
83) Chrysene	14.074	228	340440	38.758	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	212428	40.447	ng		98
85) Di-n-octyl phthalate	14.627	149	390334	43.076	ng		100
87) Indeno(1,2,3-cd)pyrene	17.045	276	499107	38.142	ng	#	95
88) Benzo(b)fluoranthene	15.098	252	412945m	39.846	ng		
89) Benzo(k)fluoranthene	15.127	252	387886	39.987	ng		98
90) Benzo(a)pyrene	15.468	252	384963	40.265	ng	#	99
91) Dibenzo(a,h)anthracene	17.056	278	405260	38.563	ng		98
92) Benzo(g,h,i)perylene	17.498	276	397188	38.273	ng		97

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

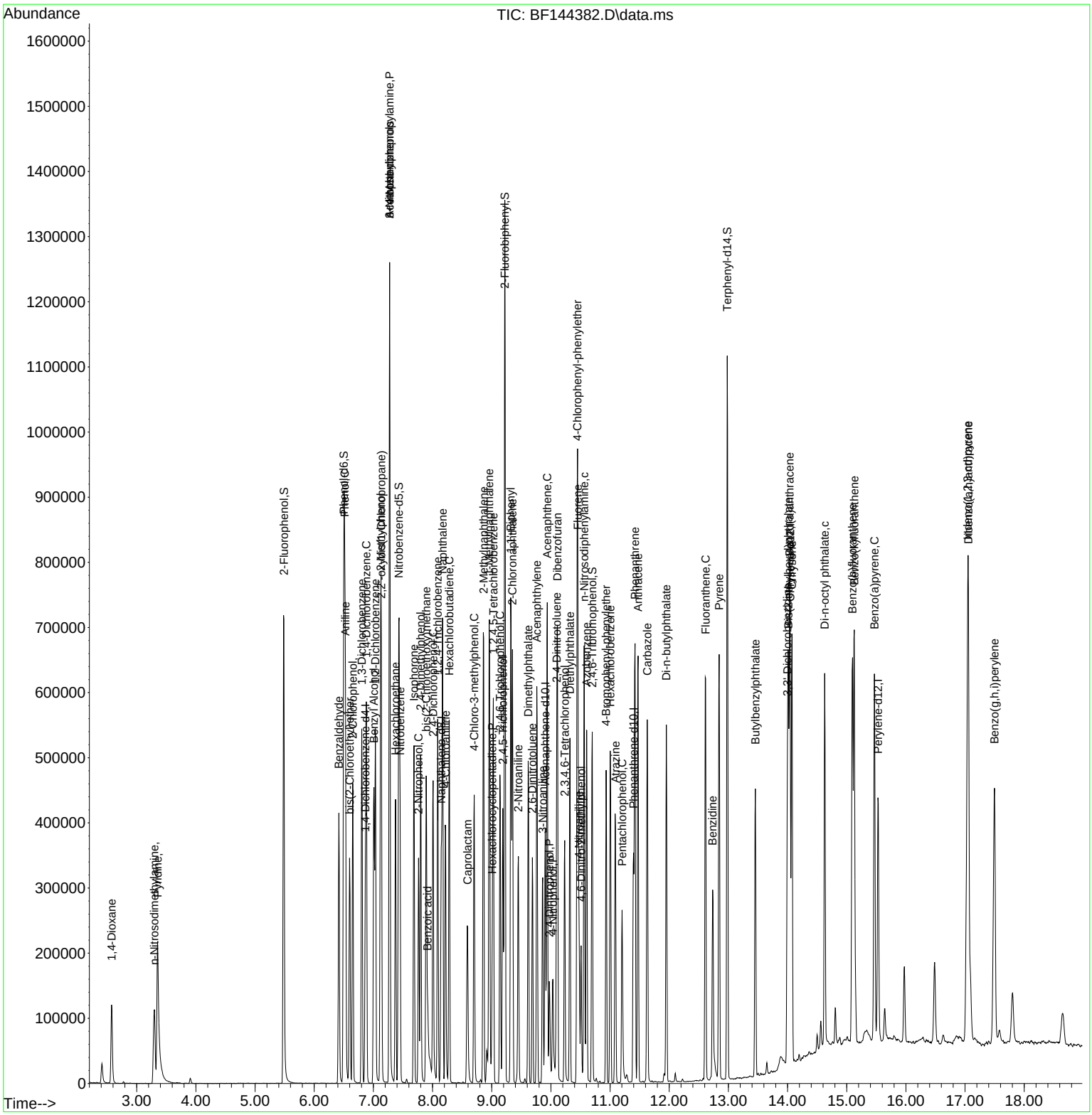
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 13:07:50 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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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



Sample Results: **BF144382.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 01 13:07:50 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	84	-0.01
2		1,4-Dioxane	0.528	0.582	-10.2	88	-0.04
3		Pyridine	1.474	1.601	-8.6	88	-0.06
4		n-Nitrosodimethylamine	0.770	0.733	4.8	79	-0.05
5	S	2-Fluorophenol	1.278	1.337	-4.6	85	0.00
6		Aniline	2.063	2.084	-1.0	85	0.00
7	S	Phenol-d6	1.448	1.478	-2.1	85	0.00
8		2-Chlorophenol	1.253	1.315	-4.9	86	0.00
9		Benzaldehyde	0.818	0.992	-21.3	102	-0.01
10	C	Phenol	1.769	1.809	-2.3	82	0.00
11		bis(2-Chloroethyl)ether	1.289	1.354	-5.0	86	0.00
12		1,3-Dichlorobenzene	1.547	1.540	0.5	84	-0.01
13	C	1,4-Dichlorobenzene	1.549	1.558	-0.6	82	-0.01
14		1,2-Dichlorobenzene	1.485	1.464	1.4	83	-0.01
15		Benzyl Alcohol	1.147	1.130	1.5	82	-0.01
16		2,2'-oxybis(1-Chloropropane	2.374	2.447	-3.1	85	0.00
17		2-Methylphenol	0.997	1.010	-1.3	82	0.00
18		Hexachloroethane	0.515	0.514	0.2	81	-0.01
19	P	n-Nitroso-di-n-propylamine	0.953	0.893	6.3	79	0.00
20		3+4-Methylphenols	1.175	1.167	0.7	81	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	84	-0.01
22		Acetophenone	0.429	0.416	3.0	81	0.00
23	S	Nitrobenzene-d5	0.346	0.348	-0.6	82	0.00
24		Nitrobenzene	0.376	0.380	-1.1	83	0.00
25		Isophorone	0.655	0.652	0.5	82	0.00
26	C	2-Nitrophenol	0.186	0.197	-5.9	84	-0.01
27		2,4-Dimethylphenol	0.279	0.287	-2.9	81	0.00
28		bis(2-Chloroethoxy)methane	0.409	0.424	-3.7	84	0.00
29	C	2,4-Dichlorophenol	0.322	0.323	-0.3	82	0.00
30		1,2,4-Trichlorobenzene	0.330	0.317	3.9	79	-0.01
31		Naphthalene	0.951	0.962	-1.2	84	0.00
32		Benzoic acid	0.204	0.196	3.9	92	-0.04
33		4-Chloroaniline	0.347	0.353	-1.7	82	0.00
34	C	Hexachlorobutadiene	0.249	0.229	8.0	74	-0.01
35		Caprolactam	0.088	0.089	-1.1	81	-0.03
36	C	4-Chloro-3-methylphenol	0.288	0.288	0.0	82	0.00
37		2-Methylnaphthalene	0.636	0.626	1.6	81	0.00
38		1-Methylnaphthalene	0.614	0.592	3.6	80	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	80	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.655	0.626	4.4	74	0.00
41	P	Hexachlorocyclopentadiene	0.195	0.158	19.0	64	-0.02
42	S	2,4,6-Tribromophenol	0.251	0.225	10.4	68	0.00
43	C	2,4,6-Trichlorophenol	0.446	0.435	2.5	77	-0.01
44		2,4,5-Trichlorophenol	0.481	0.458	4.8	75	0.00
45	S	2-Fluorobiphenyl	1.354	1.305	3.6	77	0.00
46		1,1'-Biphenyl	1.396	1.414	-1.3	80	-0.01
47		2-Chloronaphthalene	1.191	1.192	-0.1	79	0.00

Sample Results: **BF144382.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 01 13:07:50 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	0.355	-3.2	79	0.00
49		Acenaphthylene	1.623	1.610	0.8	78	-0.01
50		Dimethylphthalate	1.325	1.270	4.2	76	-0.01
51		2,6-Dinitrotoluene	0.268	0.269	-0.4	78	0.00
52	C	Acenaphthene	1.085	0.988	8.9	72	0.00
53		3-Nitroaniline	0.293	0.301	-2.7	77	0.00
54	P	2,4-Dinitrophenol	0.162	0.179	-10.5	103	-0.01
55		Dibenzofuran	1.520	1.474	3.0	76	0.00
56	P	4-Nitrophenol	0.212	0.193	9.0	76	0.00
57		2,4-Dinitrotoluene	0.359	0.357	0.6	74	0.00
58		Fluorene	1.156	1.117	3.4	76	0.00
59		2,3,4,6-Tetrachlorophenol	0.340	0.311	8.5	70	0.00
60		Diethylphthalate	1.221	1.149	5.9	73	0.00
61		4-Chlorophenyl-phenylether	0.658	0.619	5.9	72	-0.01
62		4-Nitroaniline	0.279	0.277	0.7	77	0.00
63		Azobenzene	1.137	1.123	1.2	77	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	74	0.00
65		4,6-Dinitro-2-methylphenol	0.136	0.127	6.6	73	-0.01
66	c	n-Nitrosodiphenylamine	0.643	0.665	-3.4	77	0.00
67		4-Bromophenyl-phenylether	0.255	0.248	2.7	70	-0.01
68		Hexachlorobenzene	0.301	0.292	3.0	72	0.00
69		Atrazine	0.205	0.188	8.3	68	0.00
70	C	Pentachlorophenol	0.150	0.158	-5.3	75	-0.01
71		Phenanthrene	0.996	1.001	-0.5	74	0.00
72		Anthracene	1.013	1.018	-0.5	74	0.00
73		Carbazole	0.861	0.877	-1.9	74	-0.01
74		Di-n-butylphthalate	1.041	1.043	-0.2	73	-0.01
75	C	Fluoranthene	1.029	1.028	0.1	73	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	84	0.00
77		Benzidine	0.592	0.749	-26.5#	101	-0.02
78		Pyrene	1.613	1.464	9.2	73	0.00
79	S	Terphenyl-d14	1.259	1.094	13.1	70	-0.01
80		Butylbenzylphthalate	0.559	0.542	3.0	78	-0.01
81		Benzo(a)anthracene	1.386	1.414	-2.0	83	-0.01
82		3,3'-Dichlorobenzidine	0.475	0.489	-2.9	86	-0.01
83		Chrysene	1.280	1.240	3.1	75	0.00
84		Bis(2-ethylhexyl)phthalate	0.765	0.774	-1.2	80	-0.01
85	c	Di-n-octyl phthalate	1.320	1.422	-7.7	85	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	87	-0.01
87		Indeno(1,2,3-cd)pyrene	1.436	1.369	4.7	80	0.01
88		Benzo(b)fluoranthene	1.137	1.133	0.4	80	0.00
89		Benzo(k)fluoranthene	1.064	1.064	0.0	89	0.00
90	C	Benzo(a)pyrene	1.049	1.056	-0.7	86	0.00
91		Dibenzo(a,h)anthracene	1.153	1.112	3.6	81	0.00
92		Benzo(g,h,i)perylene	1.139	1.089	4.4	80	0.00

Sample Results: **BF144382.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 01 13:07:50 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: **BF144382.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 01 13:07:50 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	84	-0.01
2		1,4-Dioxane	40.000	44.094	-10.2	88	-0.04
3		Pyridine	40.000	43.435	-8.6	88	-0.06
4		n-Nitrosodimethylamine	40.000	38.071	4.8	79	-0.05
5	S	2-Fluorophenol	80.000	83.663	-4.6	85	0.00
6		Aniline	40.000	40.400	-1.0	85	0.00
7	S	Phenol-d6	80.000	81.638	-2.0	85	0.00
8		2-Chlorophenol	40.000	41.954	-4.9	86	0.00
9		Benzaldehyde	40.000	48.549	-21.4	102	-0.01
10	C	Phenol	40.000	40.903	-2.3	82	0.00
11		bis(2-Chloroethyl)ether	40.000	42.014	-5.0	86	0.00
12		1,3-Dichlorobenzene	40.000	39.829	0.4	84	-0.01
13	C	1,4-Dichlorobenzene	40.000	40.218	-0.5	82	-0.01
14		1,2-Dichlorobenzene	40.000	39.420	1.4	83	-0.01
15		Benzyl Alcohol	40.000	39.424	1.4	82	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	41.227	-3.1	85	0.00
17		2-Methylphenol	40.000	40.517	-1.3	82	0.00
18		Hexachloroethane	40.000	39.971	0.1	81	-0.01
19	P	n-Nitroso-di-n-propylamine	40.000	37.484	6.3	79	0.00
20		3+4-Methylphenols	40.000	39.719	0.7	81	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	84	-0.01
22		Acetophenone	40.000	38.761	3.1	81	0.00
23	S	Nitrobenzene-d5	80.000	80.409	-0.5	82	0.00
24		Nitrobenzene	40.000	40.422	-1.1	83	0.00
25		Isophorone	40.000	39.808	0.5	82	0.00
26	C	2-Nitrophenol	40.000	42.348	-5.9	84	-0.01
27		2,4-Dimethylphenol	40.000	41.158	-2.9	81	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.425	-3.6	84	0.00
29	C	2,4-Dichlorophenol	40.000	40.230	-0.6	82	0.00
30		1,2,4-Trichlorobenzene	40.000	38.408	4.0	79	-0.01
31		Naphthalene	40.000	40.446	-1.1	84	0.00
32		Benzoic acid	40.000	38.313	4.2	92	-0.04
33		4-Chloroaniline	40.000	40.638	-1.6	82	0.00
34	C	Hexachlorobutadiene	40.000	36.733	8.2	74	-0.01
35		Caprolactam	40.000	40.395	-1.0	81	-0.03
36	C	4-Chloro-3-methylphenol	40.000	39.937	0.2	82	0.00
37		2-Methylnaphthalene	40.000	39.348	1.6	81	0.00
38		1-Methylnaphthalene	40.000	38.593	3.5	80	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	80	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	38.194	4.5	74	0.00
41	P	Hexachlorocyclopentadiene	40.000	33.548	16.1	64	-0.02
42	S	2,4,6-Tribromophenol	80.000	71.675	10.4	68	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.010	2.5	77	-0.01
44		2,4,5-Trichlorophenol	40.000	38.113	4.7	75	0.00
45	S	2-Fluorobiphenyl	80.000	77.086	3.6	77	0.00
46		1,1'-Biphenyl	40.000	40.510	-1.3	80	-0.01
47		2-Chloronaphthalene	40.000	40.052	-0.1	79	0.00

Sample Results: **BF144382.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 01 13:07:50 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	41.348	-3.4	79	0.00
49		Acenaphthylene	40.000	39.682	0.8	78	-0.01
50		Dimethylphthalate	40.000	38.352	4.1	76	-0.01
51		2,6-Dinitrotoluene	40.000	40.149	-0.4	78	0.00
52	C	Acenaphthene	40.000	36.418	9.0	72	0.00
53		3-Nitroaniline	40.000	41.041	-2.6	77	0.00
54	P	2,4-Dinitrophenol	40.000	44.283	-10.7	103	-0.01
55		Dibenzofuran	40.000	38.799	3.0	76	0.00
56	P	4-Nitrophenol	40.000	36.354	9.1	76	0.00
57		2,4-Dinitrotoluene	40.000	39.752	0.6	74	0.00
58		Fluorene	40.000	38.659	3.4	76	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	36.576	8.6	70	0.00
60		Diethylphthalate	40.000	37.635	5.9	73	0.00
61		4-Chlorophenyl-phenylether	40.000	37.599	6.0	72	-0.01
62		4-Nitroaniline	40.000	39.617	1.0	77	0.00
63		Azobenzene	40.000	39.510	1.2	77	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	74	0.00
65		4,6-Dinitro-2-methylphenol	40.000	37.488	6.3	73	-0.01
66	c	n-Nitrosodiphenylamine	40.000	41.324	-3.3	77	0.00
67		4-Bromophenyl-phenylether	40.000	38.784	3.0	70	-0.01
68		Hexachlorobenzene	40.000	38.875	2.8	72	0.00
69		Atrazine	40.000	36.716	8.2	68	0.00
70	C	Pentachlorophenol	40.000	42.160	-5.4	75	-0.01
71		Phenanthrene	40.000	40.206	-0.5	74	0.00
72		Anthracene	40.000	40.207	-0.5	74	0.00
73		Carbazole	40.000	40.741	-1.9	74	-0.01
74		Di-n-butylphthalate	40.000	40.101	-0.3	73	-0.01
75	C	Fluoranthene	40.000	39.973	0.1	73	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	84	0.00
77		Benzidine	40.000	50.659	-26.6#	101	-0.02
78		Pyrene	40.000	36.313	9.2	73	0.00
79	S	Terphenyl-d14	80.000	69.531	13.1	70	-0.01
80		Butylbenzylphthalate	40.000	38.807	3.0	78	-0.01
81		Benzo(a)anthracene	40.000	40.805	-2.0	83	-0.01
82		3,3'-Dichlorobenzidine	40.000	41.207	-3.0	86	-0.01
83		Chrysene	40.000	38.758	3.1	75	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.447	-1.1	80	-0.01
85	c	Di-n-octyl phthalate	40.000	43.076	-7.7	85	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	87	-0.01
87		Indeno(1,2,3-cd)pyrene	40.000	38.142	4.6	80	0.01
88		Benzo(b)fluoranthene	40.000	39.846	0.4	80	0.00
89		Benzo(k)fluoranthene	40.000	39.987	0.0	89	0.00
90	C	Benzo(a)pyrene	40.000	40.265	-0.7	86	0.00
91		Dibenzo(a,h)anthracene	40.000	38.563	3.6	81	0.00
92		Benzo(g,h,i)perylene	40.000	38.273	4.3	80	0.00

Sample Results: **BF144382.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 01 13:07:50 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

QC SAMPLE DATA

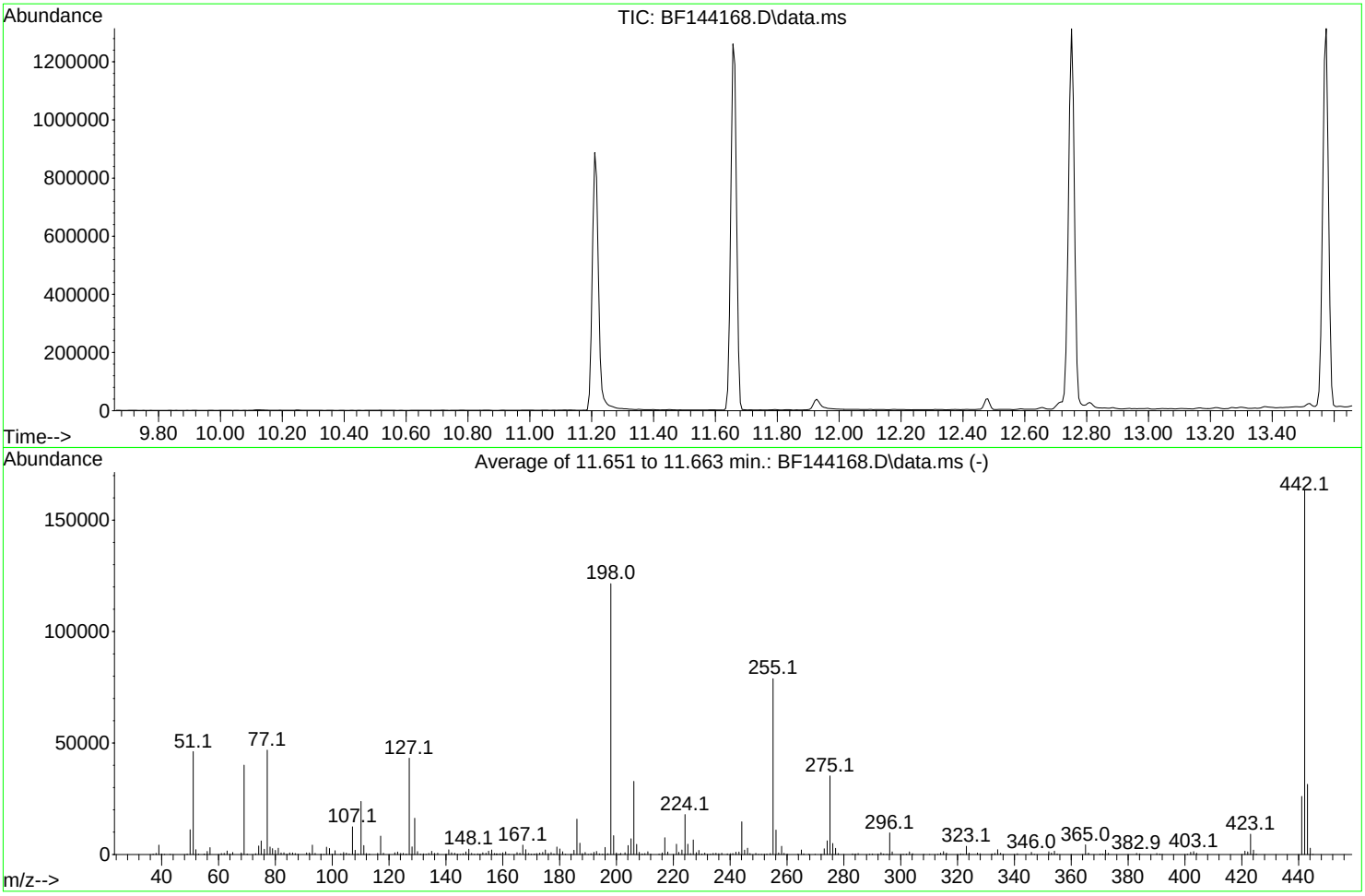
Sample Results: **BF144168.D**

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

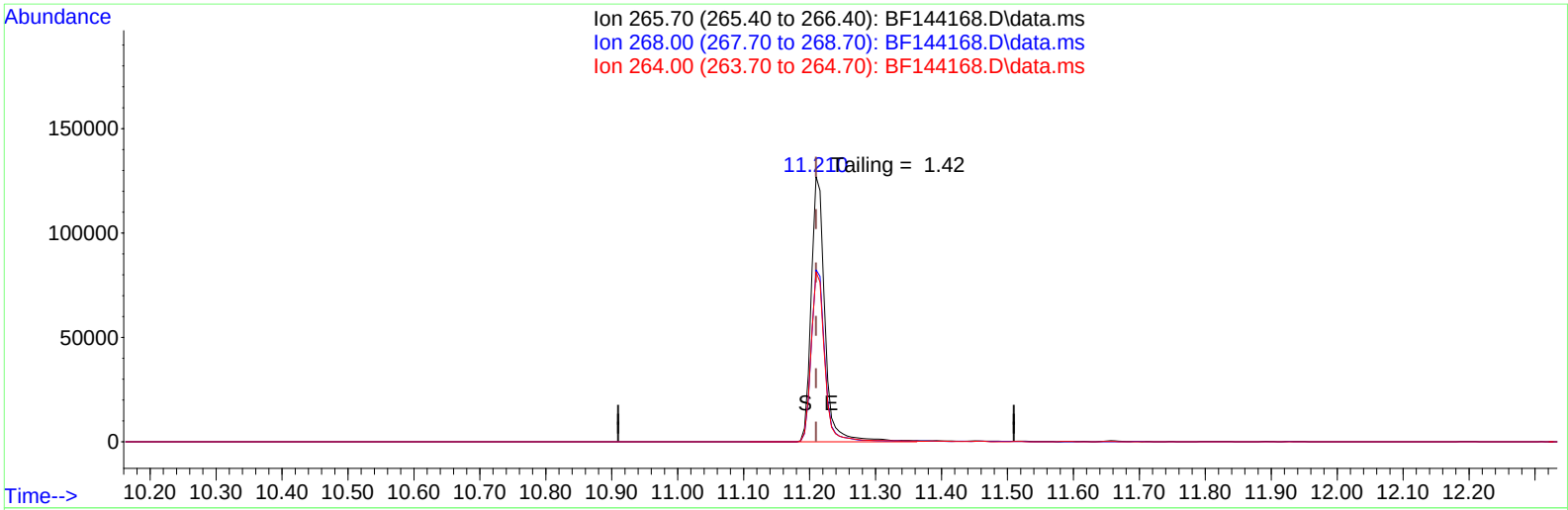
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.8	709	PASS
69	69	100	100	100.0	40048	PASS
70	69	0.00	2	0.6	222	PASS
197	198	0.00	2	0.3	378	PASS
198	198	100	100	100.0	121493	PASS
199	198	5	9	6.9	8441	PASS
365	198	1	100	3.6	4315	PASS
441	443	0.01	150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

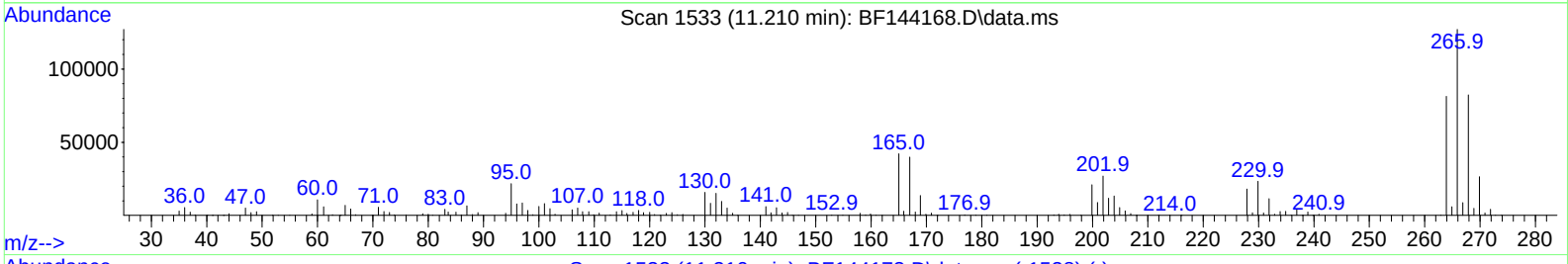
Sample Results: **BF144168.D**

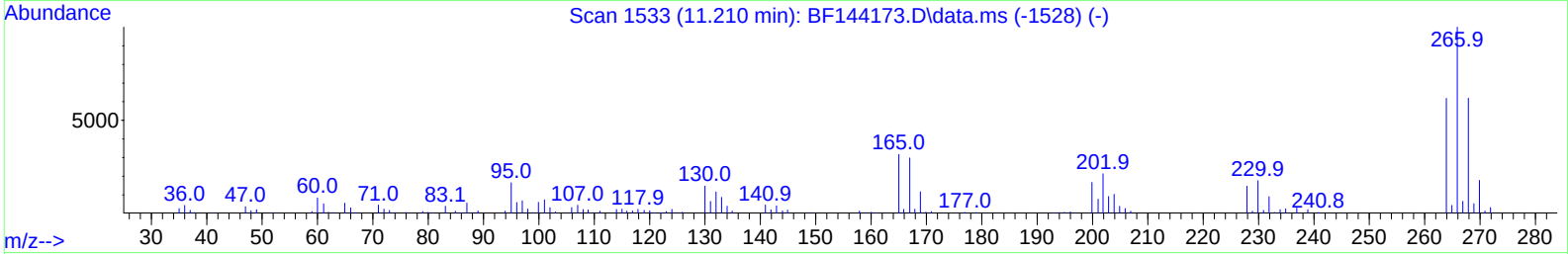
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

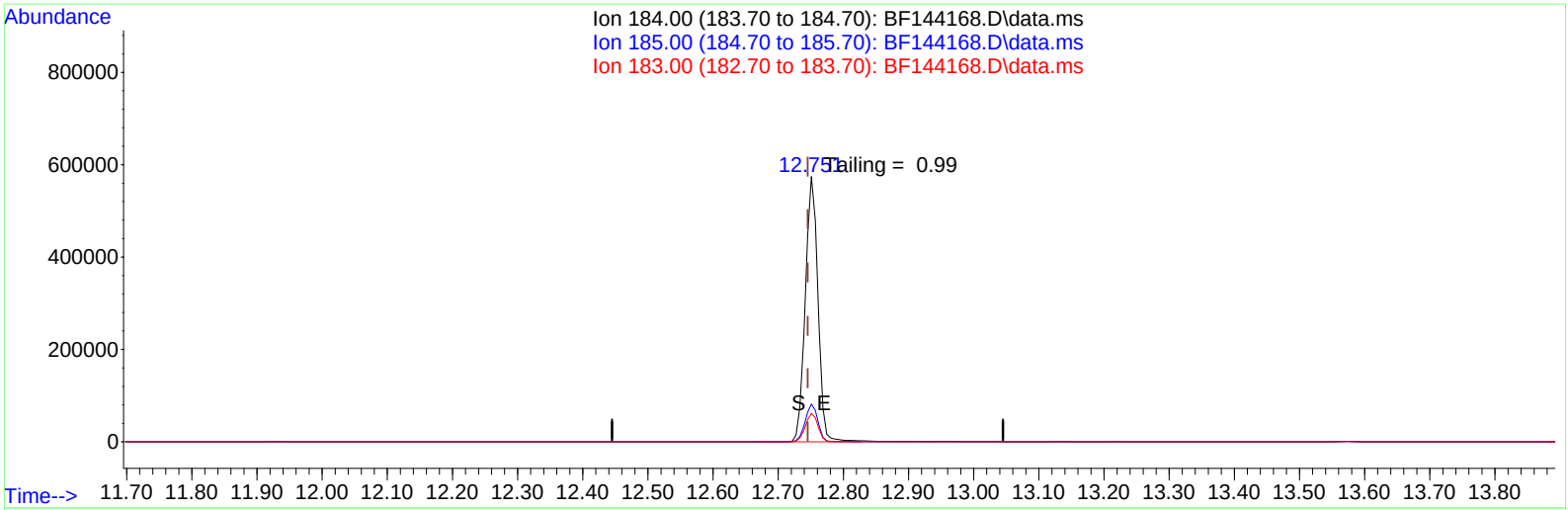
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	64.79
264.00	61.80	64.01
0.00	0.00	0.00

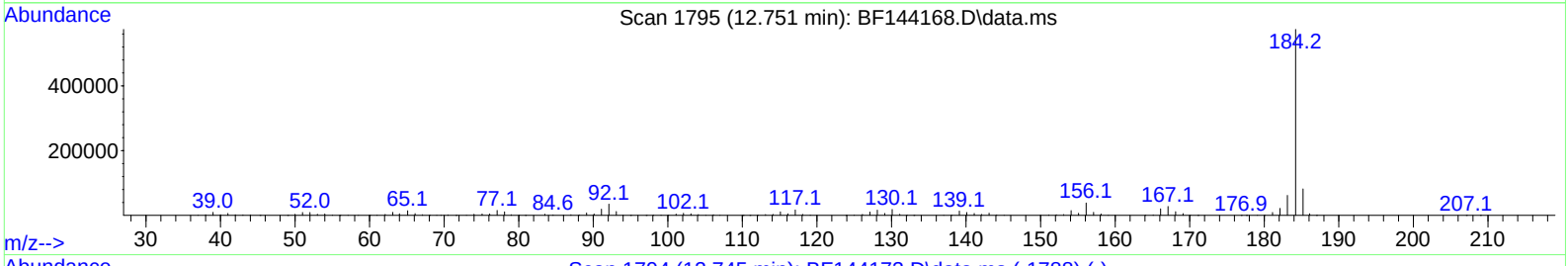
Sample Results: **BF144168.D**

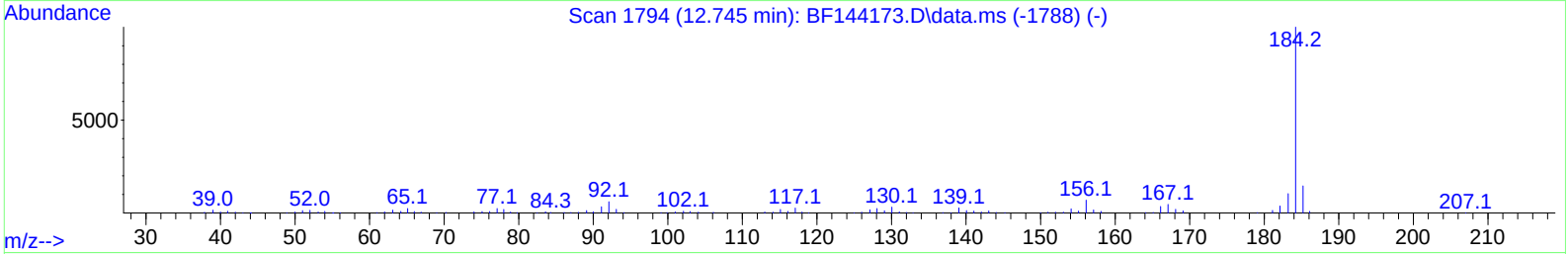
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

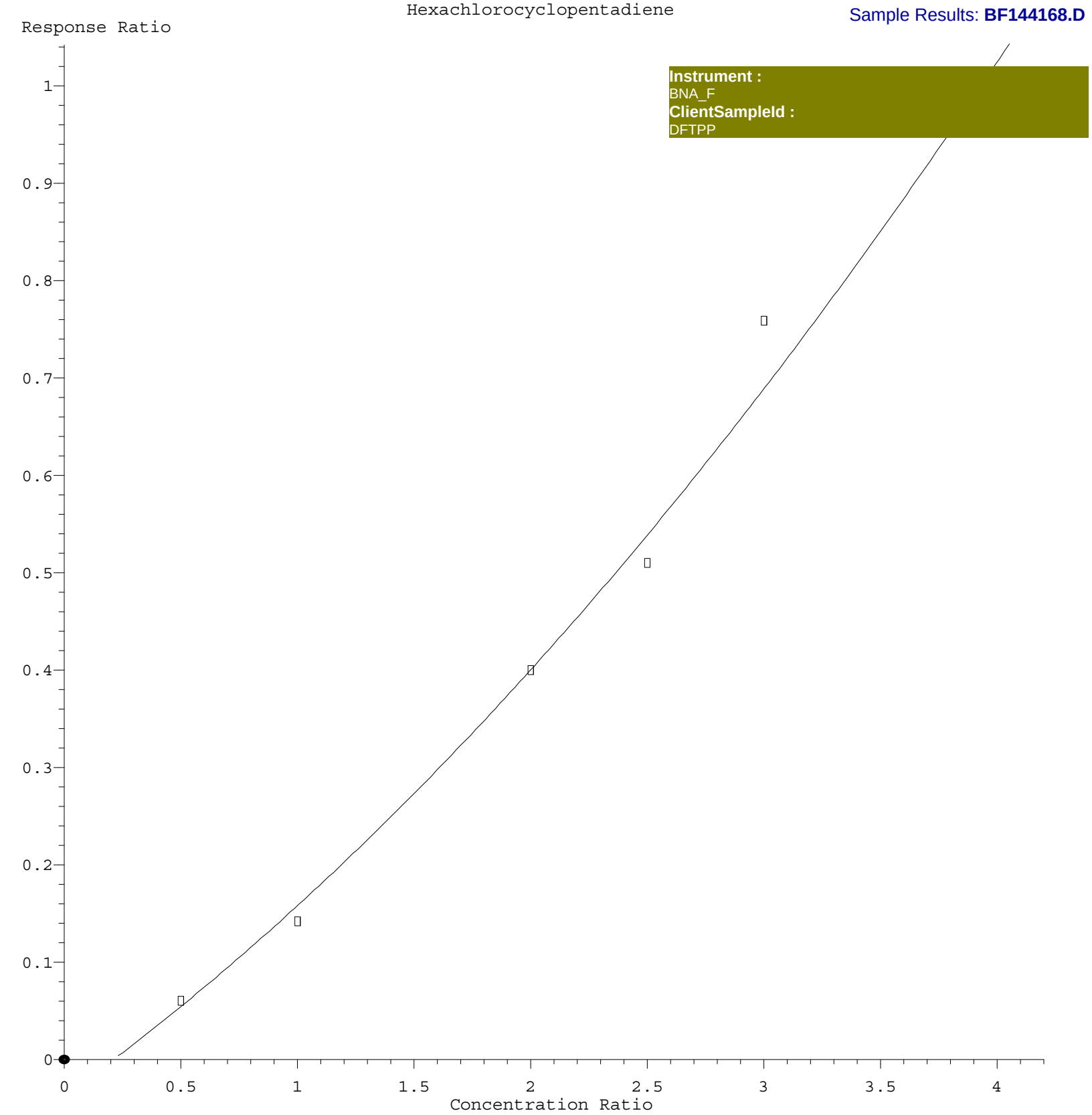
12.751min (+ 0.006) 0.00 ng

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

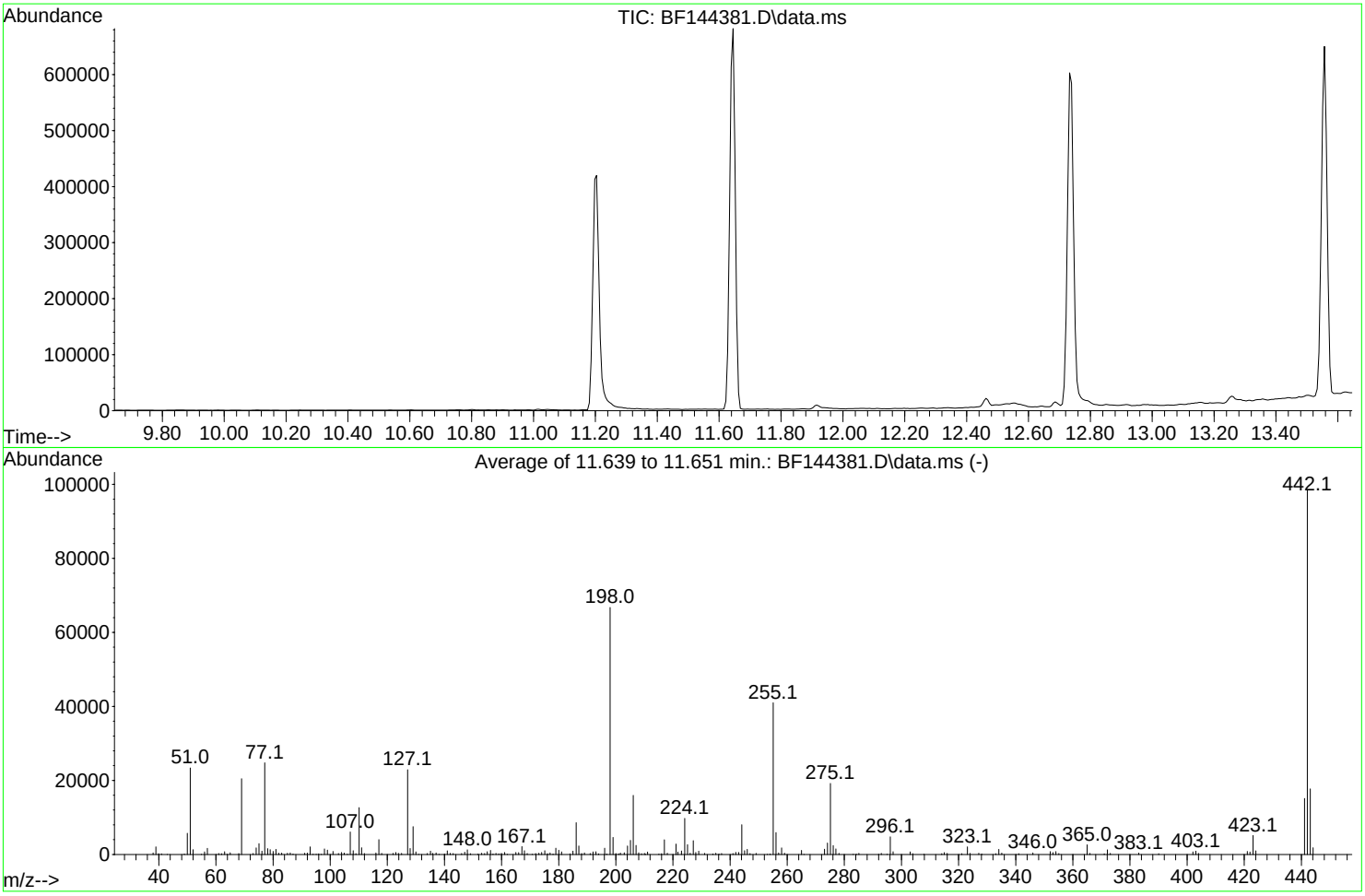
Sample Results: **BF144381.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144381.D
Acq On : 01 Dec 2025 12:12
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



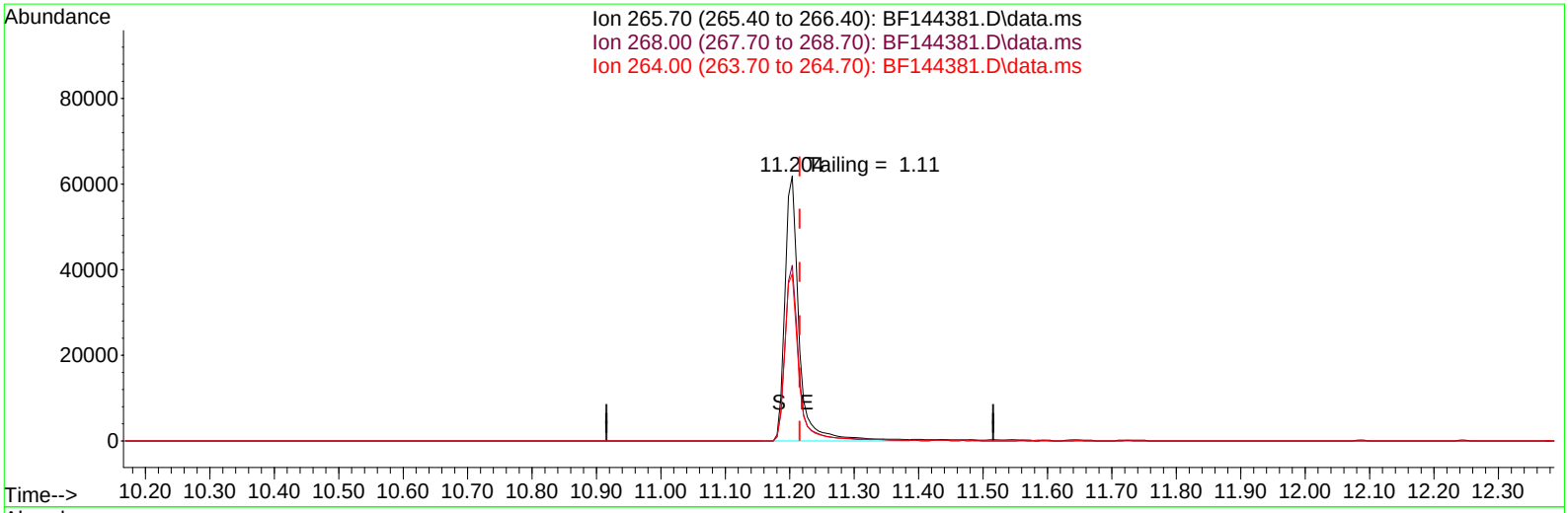
AutoFind: Scans 1606, 1607, 1608; Background Corrected with Scan 1599

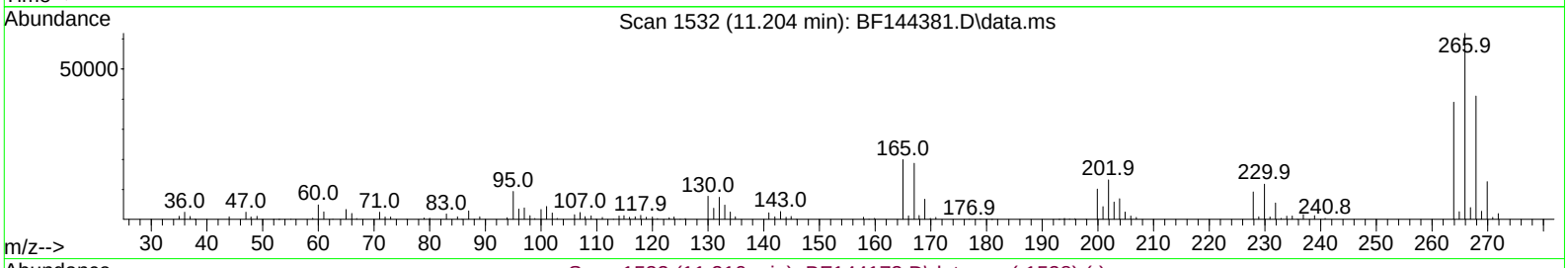
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.2	251	PASS
69	69	100	100	100.0	20457	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.2	141	PASS
198	198	100	100	100.0	66749	PASS
199	198	5	9	6.9	4598	PASS
365	198	1	100	3.9	2605	PASS
441	443	0.01	150	85.4	15120	PASS
442	442	100	100	100.0	98347	PASS
443	442	15	24	18.0	17705	PASS

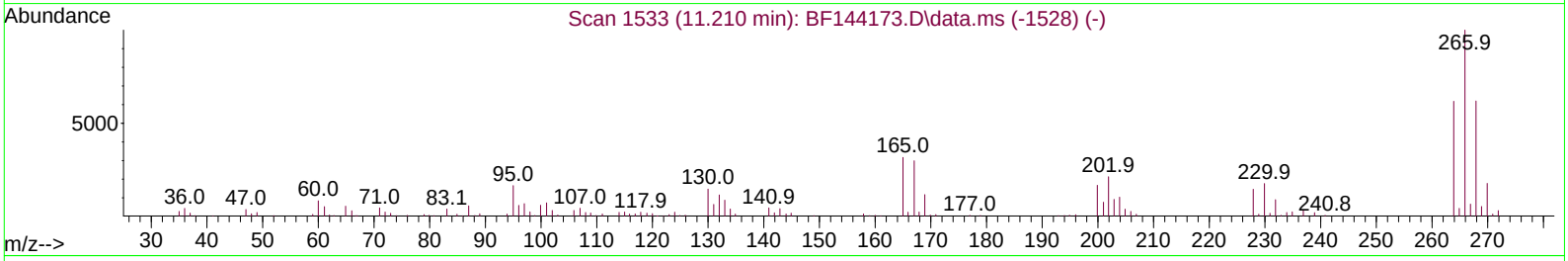
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144381.D
Acq On : 01 Dec 2025 12:12
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 01 13:16:50 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: BF144381.D\data.ms

(70) Pentachlorophenol (C)

11.204min (-0.012) 40255.49 ng

response 94933

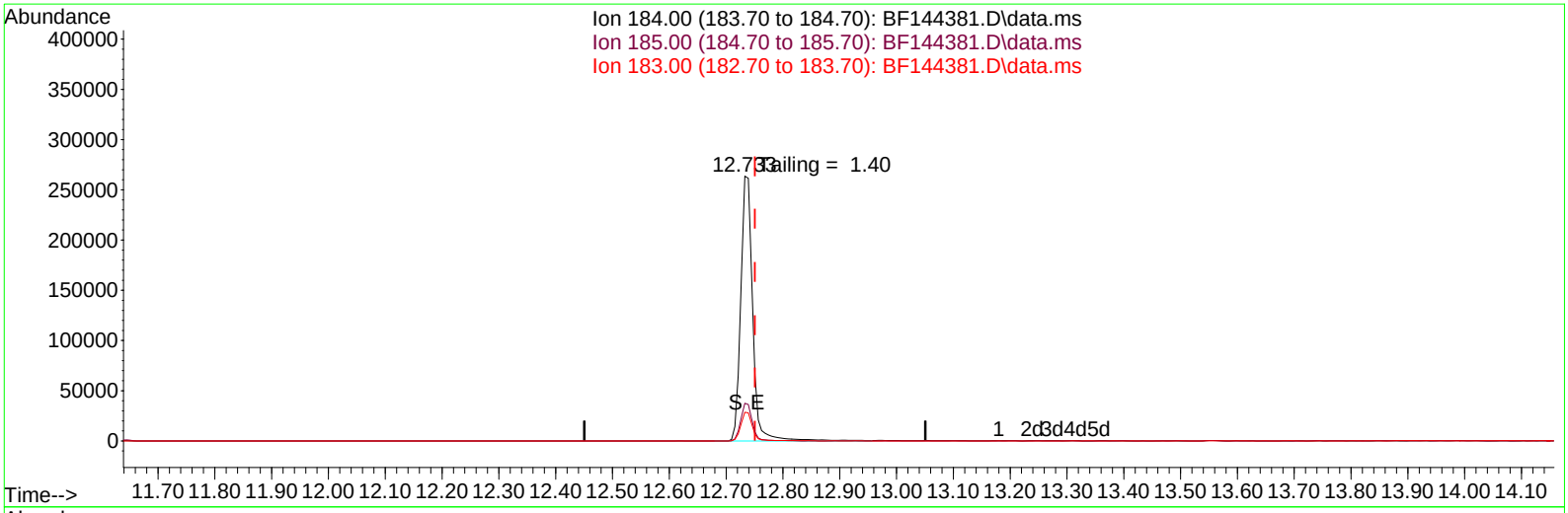
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	66.35
264.00	61.80	63.04
0.00	0.00	0.00

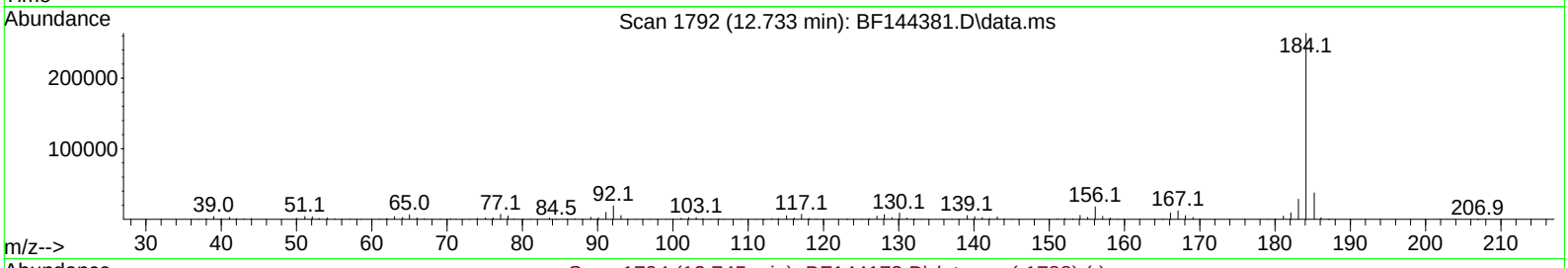
Sample Results: **BF144381.D**

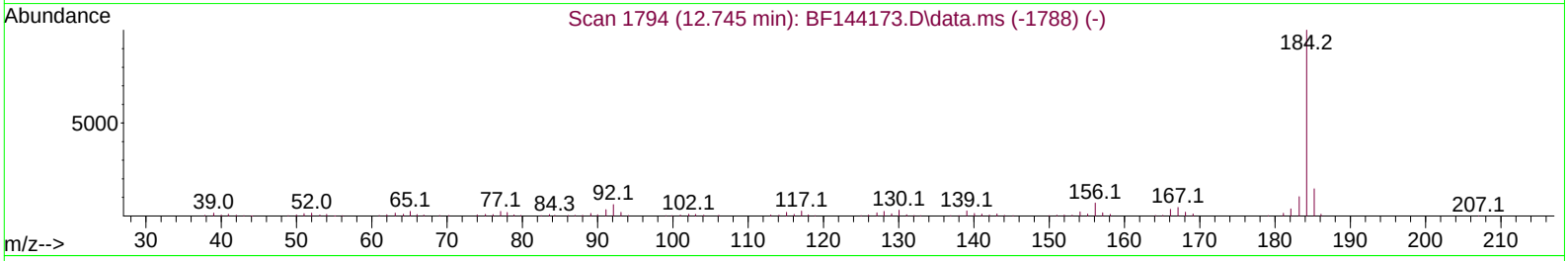
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144381.D
Acq On : 01 Dec 2025 12:12
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 01 13:16:50 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: BF144381.D\data.ms

(77) Benzidine

12.733min (-0.018) 33019.21 ng m

response 387744

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.21
183.00	10.40	10.81
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
12/1/2025	BNA_F	BF144381.D
Compound Name	**Response**	**Retention Time**
DDT	172723	13.557
DDD	4880	13.257
DDE	463	12.921
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
5343	178066	3.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

Raw Data: **BF144385.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	
Project:	AQUA Woolwich Pump Station 22-531			Date Received:	
Client Sample ID:	PB170763BL			SDG No.:	Q3725
Lab Sample ID:	PB170763BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOCMS NJ CleanGroup Ne
Prep Method :	SW3541	Prep Date:	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	33.5	U	1	33.5	330	ug/Kg	12/01/25 14:11	PB170763
100-52-7	Benzaldehyde	160	U	1	160	330	ug/Kg	12/01/25 14:11	PB170763
108-95-2	Phenol	22.1	U	1	22.1	170	ug/Kg	12/01/25 14:11	PB170763
111-44-4	bis(2-Chloroethyl)ether	24.3	U	1	24.3	170	ug/Kg	12/01/25 14:11	PB170763
95-57-8	2-Chlorophenol	24.4	U	1	24.4	170	ug/Kg	12/01/25 14:11	PB170763
95-48-7	2-Methylphenol	29.9	U	1	29.9	170	ug/Kg	12/01/25 14:11	PB170763
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	1	37.5	170	ug/Kg	12/01/25 14:11	PB170763
98-86-2	Acetophenone	29.5	U	1	29.5	170	ug/Kg	12/01/25 14:11	PB170763
65794-96-9	3+4-Methylphenols	41.1	U	1	41.1	330	ug/Kg	12/01/25 14:11	PB170763
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	1	47.4	79.9	ug/Kg	12/01/25 14:11	PB170763
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	12/01/25 14:11	PB170763
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	12/01/25 14:11	PB170763
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	12/01/25 14:11	PB170763
105-67-9	2,4-Dimethylphenol	64.8	U	1	64.8	170	ug/Kg	12/01/25 14:11	PB170763
120-83-2	2,4-Dichlorophenol	28.3	U	1	28.3	170	ug/Kg	12/01/25 14:11	PB170763
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	12/01/25 14:11	PB170763
87-68-3	Hexachlorobutadiene	25.3	U	1	25.3	170	ug/Kg	12/01/25 14:11	PB170763
105-60-2	Caprolactam	52.1	U	1	52.1	330	ug/Kg	12/01/25 14:11	PB170763
91-57-6	2-Methylnaphthalene	25.6	U	1	25.6	170	ug/Kg	12/01/25 14:11	PB170763
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	12/01/25 14:11	PB170763
88-06-2	2,4,6-Trichlorophenol	19.8	U	1	19.8	170	ug/Kg	12/01/25 14:11	PB170763
95-95-4	2,4,5-Trichlorophenol	29.1	U	1	29.1	170	ug/Kg	12/01/25 14:11	PB170763
92-52-4	1,1-Biphenyl	21.8	U	1	21.8	170	ug/Kg	12/01/25 14:11	PB170763
88-74-4	2-Nitroaniline	48.1	U	1	48.1	170	ug/Kg	12/01/25 14:11	PB170763
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	12/01/25 14:11	PB170763
606-20-2	2,6-Dinitrotoluene	33.6	U	1	33.6	170	ug/Kg	12/01/25 14:11	PB170763
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	12/01/25 14:11	PB170763
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	12/01/25 14:11	PB170763
121-14-2	2,4-Dinitrotoluene	50.1	U	1	50.1	170	ug/Kg	12/01/25 14:11	PB170763
84-66-2	Diethylphthalate	28.3	U	1	28.3	170	ug/Kg	12/01/25 14:11	PB170763
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	12/01/25 14:11	PB170763
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	12/01/25 14:11	PB170763
86-30-6	n-Nitrosodiphenylamine	32.9	U	1	32.9	170	ug/Kg	12/01/25 14:11	PB170763
103-33-3	Azobenzene	29.2	U	1	29.2	170	ug/Kg	12/01/25 14:11	PB170763
118-74-1	Hexachlorobenzene	25.3	U	1	25.3	170	ug/Kg	12/01/25 14:11	PB170763
1912-24-9	Atrazine	34.0	U	1	34.0	170	ug/Kg	12/01/25 14:11	PB170763
87-86-5	Pentachlorophenol	51.3	U	1	51.3	330	ug/Kg	12/01/25 14:11	PB170763
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	12/01/25 14:11	PB170763
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	12/01/25 14:11	PB170763
86-74-8	Carbazole	31.2	U	1	31.2	170	ug/Kg	12/01/25 14:11	PB170763
84-74-2	Di-n-butylphthalate	47.9	U	1	47.9	170	ug/Kg	12/01/25 14:11	PB170763
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	12/01/25 14:11	PB170763

Raw Data: **BF144385.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	
Project:	AQUA Woolwich Pump Station 22-531			Date Received:	
Client Sample ID:	PB170763BL			SDG No.:	Q3725
Lab Sample ID:	PB170763BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOCMS NJ CleanGroup Ne
Prep Method :	SW3541	Prep Date:	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
92-87-5	Benzidine	150	U	1	150	330	ug/Kg	12/01/25 14:11	PB170763
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	12/01/25 14:11	PB170763
85-68-7	Butylbenzylphthalate	71.4	U	1	71.4	170	ug/Kg	12/01/25 14:11	PB170763
91-94-1	3,3-Dichlorobenzidine	36.7	U	1	36.7	330	ug/Kg	12/01/25 14:11	PB170763
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	12/01/25 14:11	PB170763
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	12/01/25 14:11	PB170763
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	1	59.2	170	ug/Kg	12/01/25 14:11	PB170763
117-84-0	Di-n-octyl phthalate	86.7	U	1	86.7	330	ug/Kg	12/01/25 14:11	PB170763
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	12/01/25 14:11	PB170763
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	12/01/25 14:11	PB170763
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	12/01/25 14:11	PB170763
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	12/01/25 14:11	PB170763
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	12/01/25 14:11	PB170763
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	12/01/25 14:11	PB170763
SURROGATES									
367-12-4	2-Fluorophenol	113			30 (10) - 130 (105)	75%	SPK: 150		
13127-88-3	Phenol-d6	112			30 (10) - 130 (103)	75%	SPK: 150		
4165-60-0	Nitrobenzene-d5	75.1			30 (10) - 130 (108)	75%	SPK: 100		
321-60-8	2-Fluorobiphenyl	74.6			30 (10) - 130 (108)	75%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	106			30 (10) - 130 (116)	71%	SPK: 150		
1718-51-0	Terphenyl-d14	73.6			30 (10) - 130 (109)	74%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	58300							
1146-65-2	Naphthalene-d8	230000							
15067-26-2	Acenaphthene-d10	130000							
1517-22-2	Phenanthrene-d10	227000							
1719-03-5	Chrysene-d12	144000							
1520-96-3	Perylene-d12	171000							

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\BF120125\
Data File : BF144385.D
Acq On : 01 Dec 2025 14:11
Operator : RC/JU
Sample : PB170763BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170763BL

Quant Time: Dec 01 14:46:28 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

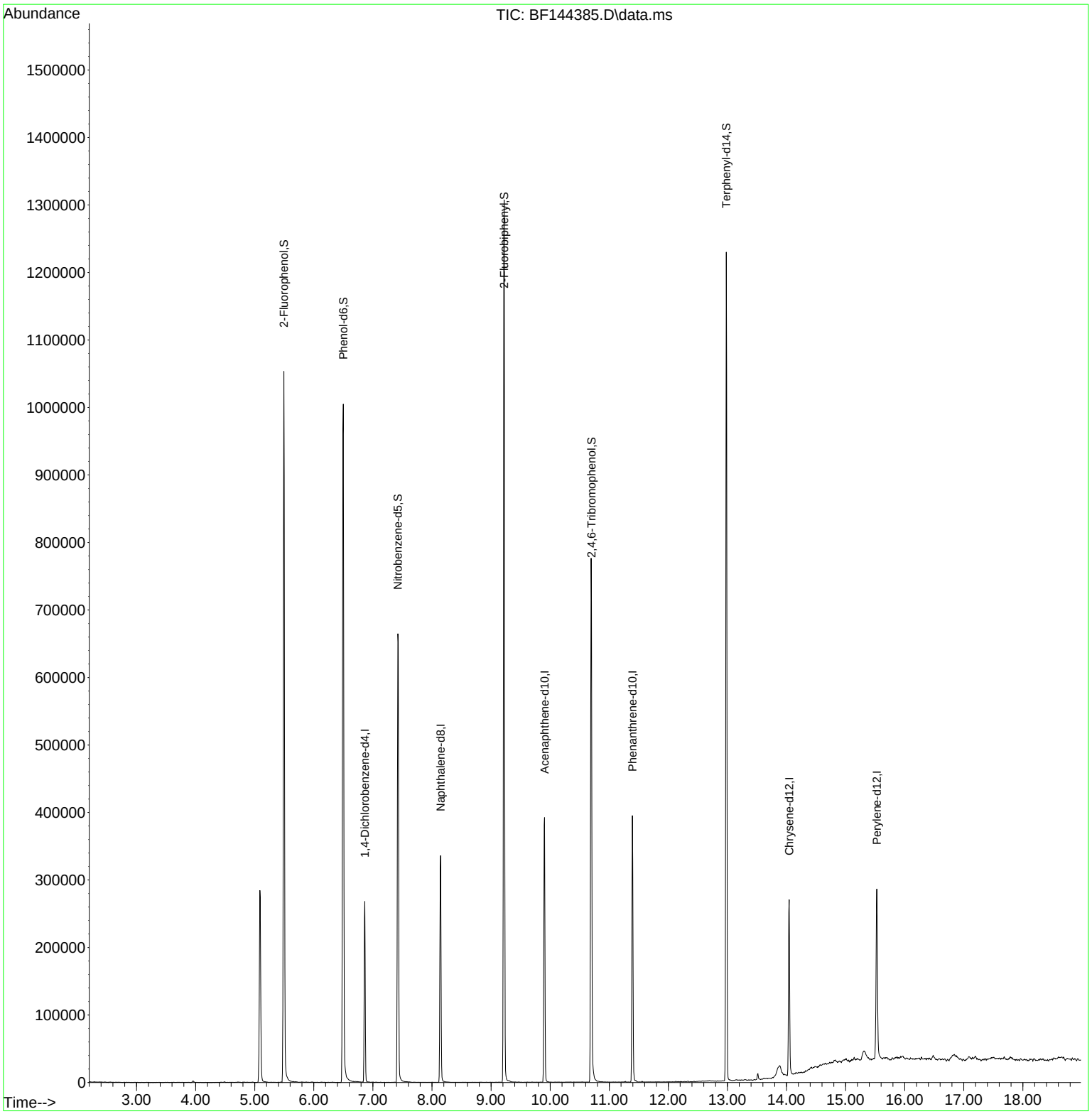
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58345	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	230427	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	129664	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	226587	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	143527	20.000	ng	0.00
86) Perylene-d12	15.527	264	171385	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	420221	112.708	ng	0.00
7) Phenol-d6	6.498	99	473970	112.193	ng	0.00
23) Nitrobenzene-d5	7.422	82	299644	75.104	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	173047	106.351	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	654860	74.592	ng	0.00
79) Terphenyl-d14	12.980	244	665212	73.619	ng	-0.01
Target Compounds						Qvalue

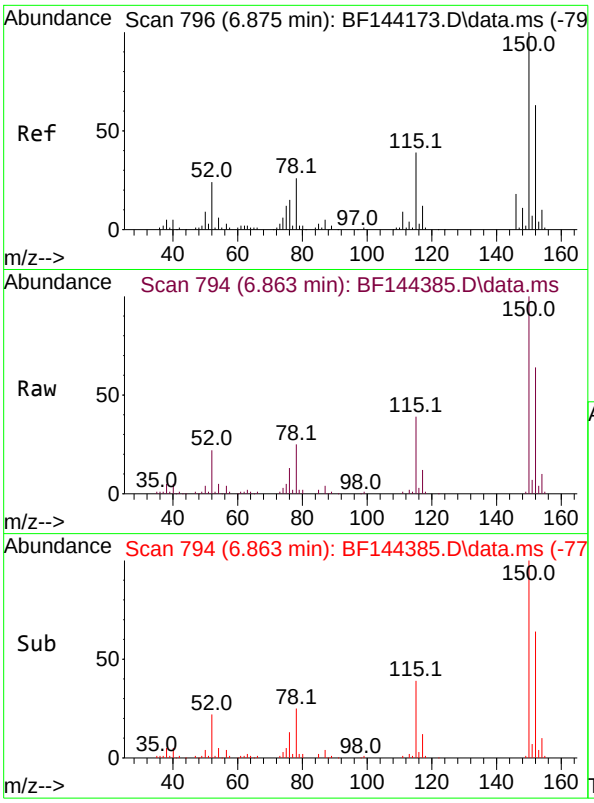
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144385.D
Acq On : 01 Dec 2025 14:11
Operator : RC/JU
Sample : PB170763BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170763BL

Quant Time: Dec 01 14:46:28 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



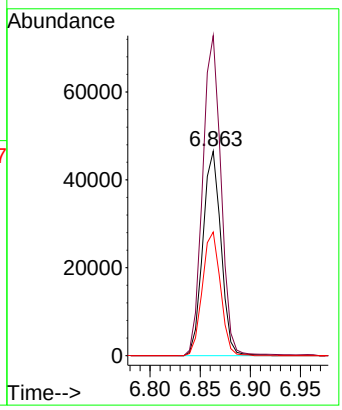


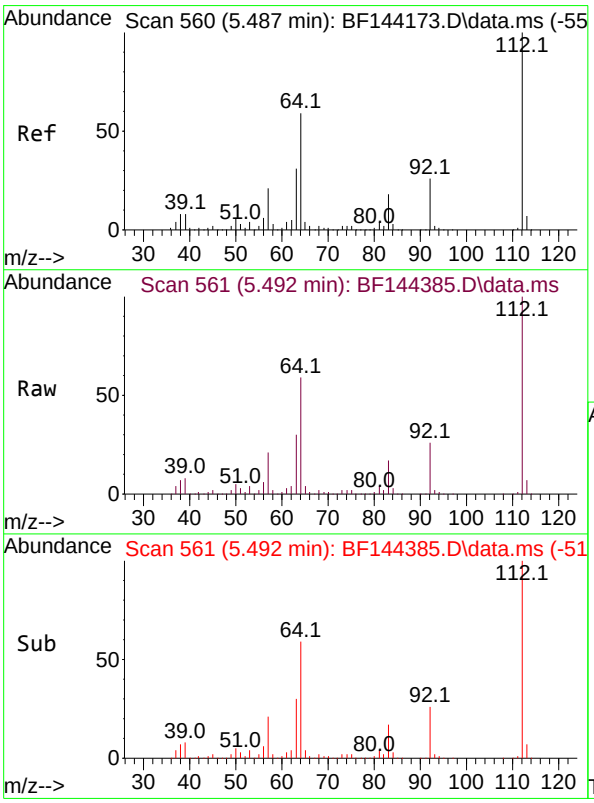
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Instrument :
BNA_F
ClientSampleId :
PB170763BL

Tgt Ion:152 Resp: 58345

Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.4	191.0
115	60.5	49.5	74.3

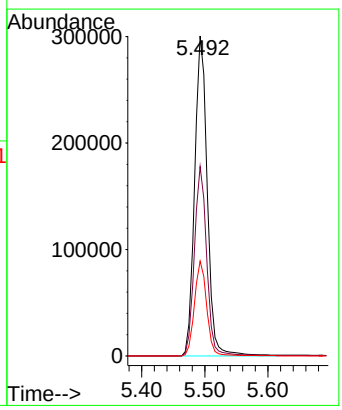


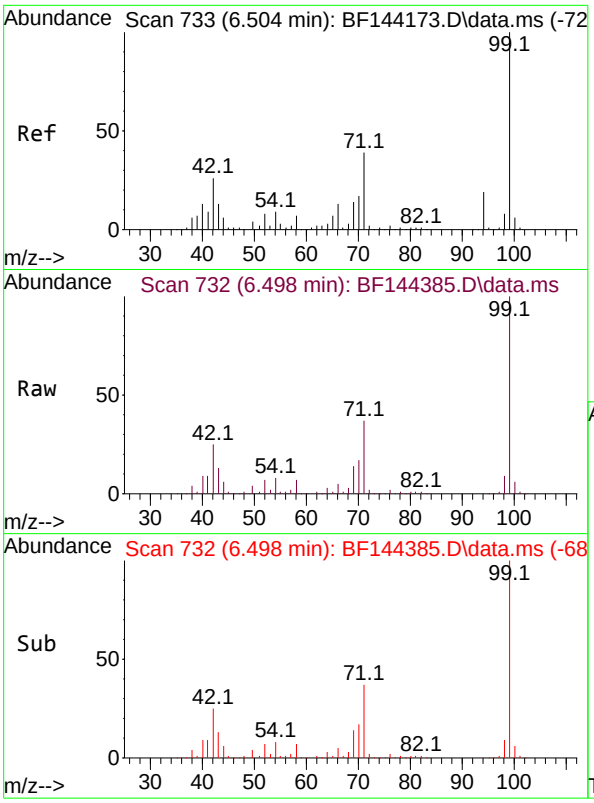


#5
2-Fluorophenol
Concen: 112.708 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Tgt Ion:112 Resp: 420221

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.2	70.8
63	29.6	24.4	36.6



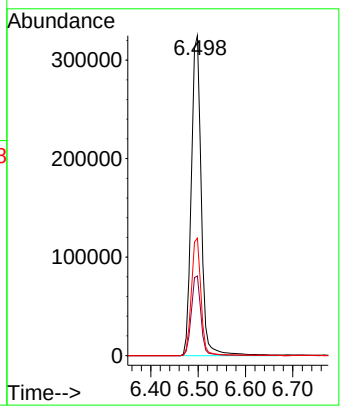


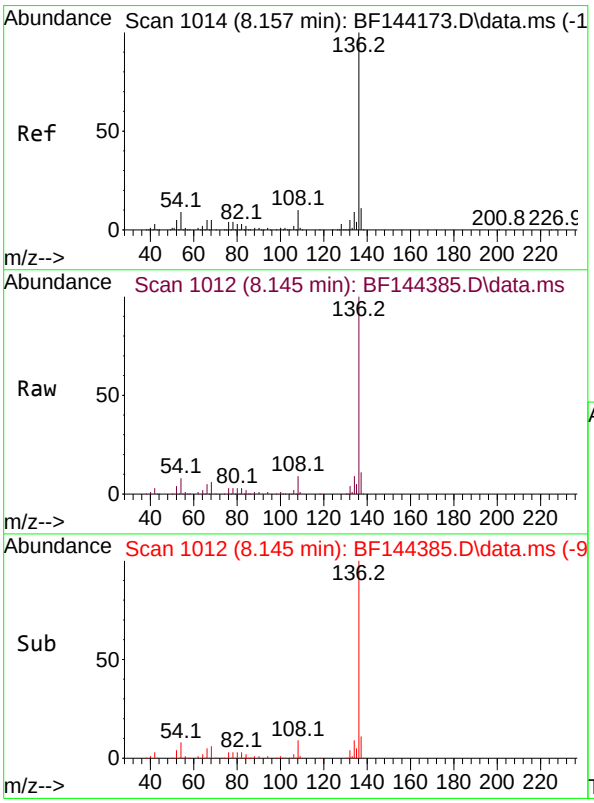
#7
Phenol-d6
Concen: 112.193 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Instrument :
BNA_F
ClientSampleId :
PB170763BL

Tgt Ion: 99 Resp: 473970

Ion	Ratio	Lower	Upper
99	100		
42	24.9	20.9	31.3
71	36.7	31.4	47.2

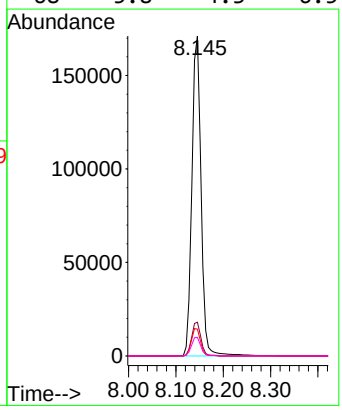


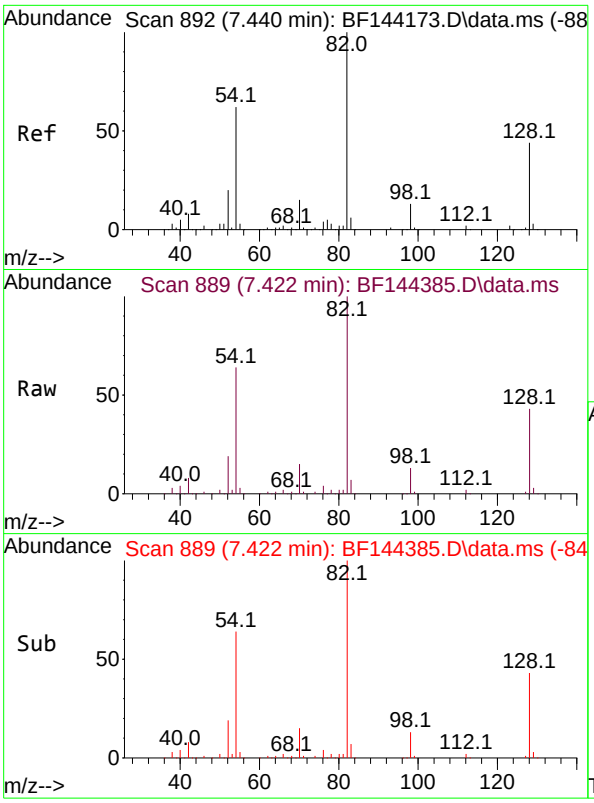


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Tgt Ion:136 Resp: 230427

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.4	7.0	10.6
68	5.8	4.3	6.5



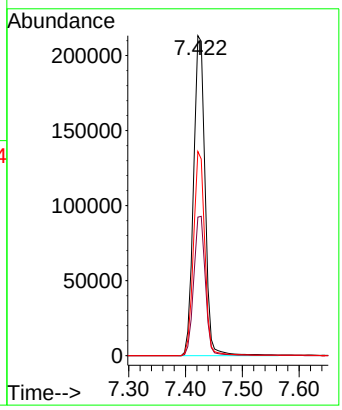


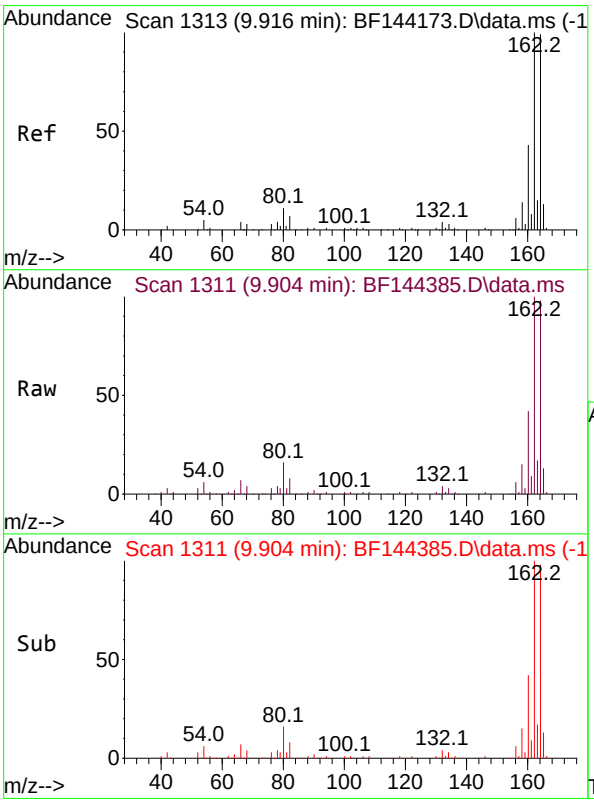
#23
Nitrobenzene-d5
Concen: 75.104 ng
RT: 7.422 min Scan# 88
Delta R.T. -0.012 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Instrument :
BNA_F
ClientSampleId :
PB170763BL

Tgt Ion: 82 Resp: 299644

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.7	52.1
54	63.8	49.5	74.3

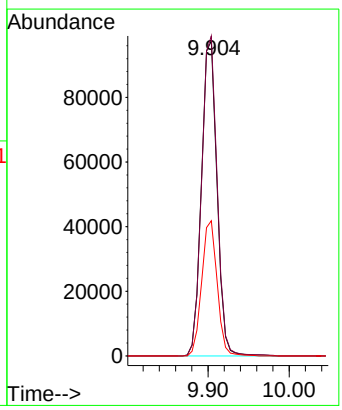


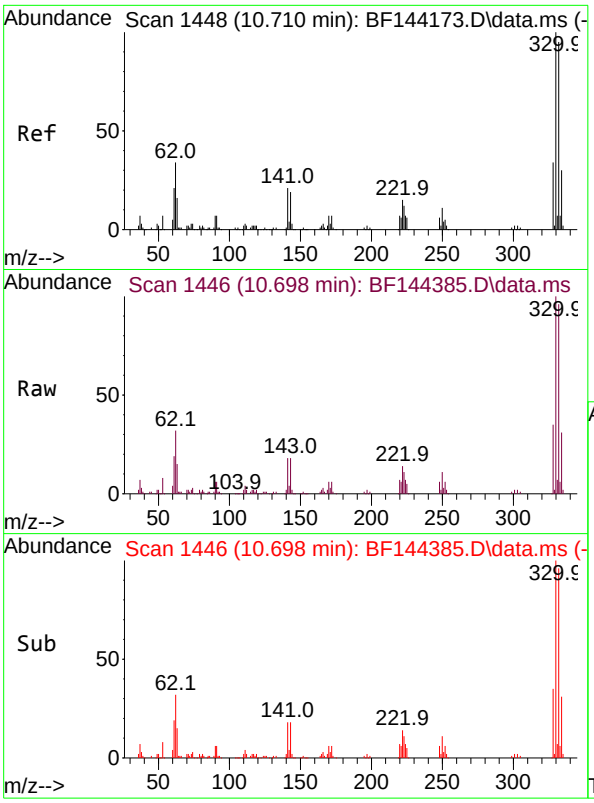


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Tgt Ion:164 Resp: 129664

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.1	121.7
160	42.9	34.5	51.7



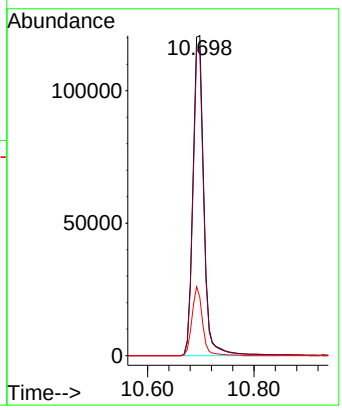


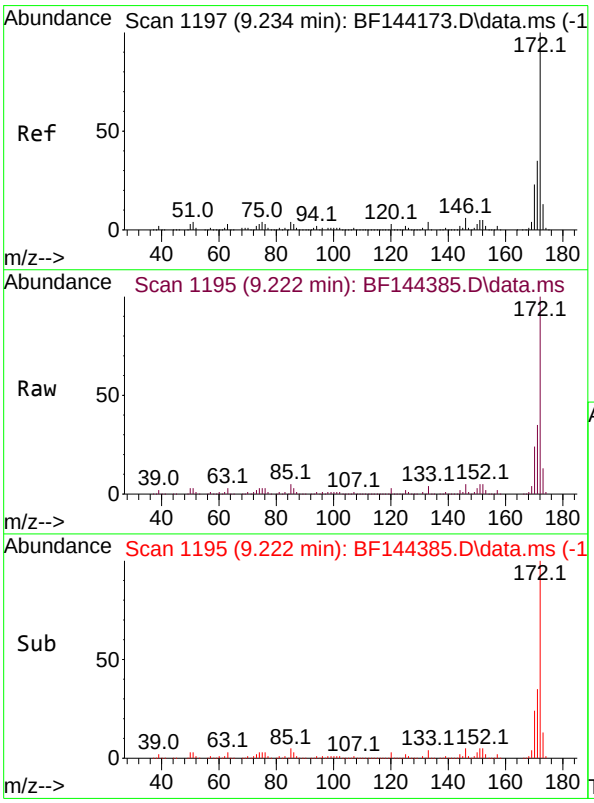
#42
2,4,6-Tribromophenol
Concen: 106.351 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Instrument :
BNA_F
ClientSampleId :
PB170763BL

Tgt Ion:330 Resp: 173047

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.7	115.1
141	20.6	17.8	26.8

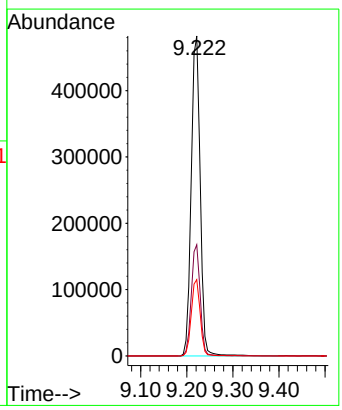


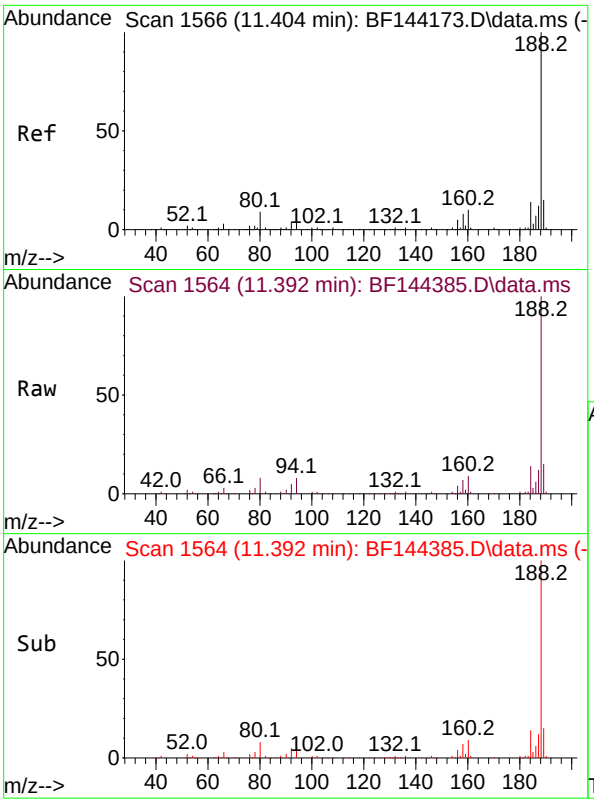


#45
2-Fluorobiphenyl
Concen: 74.592 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Tgt Ion:172 Resp: 654860

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	23.8	18.6	28.0



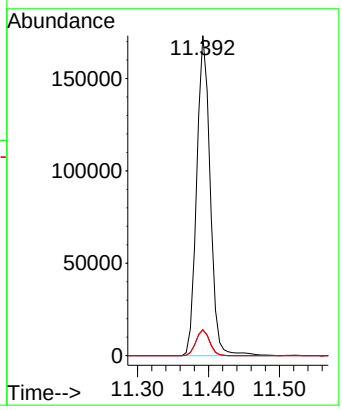


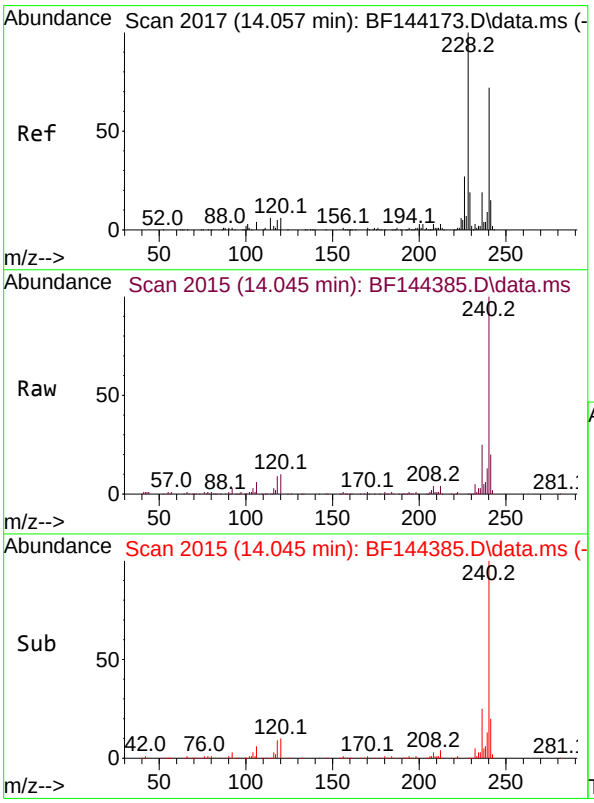
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Instrument :
BNA_F
ClientSampleId :
PB170763BL

Tgt Ion:188 Resp: 226587

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

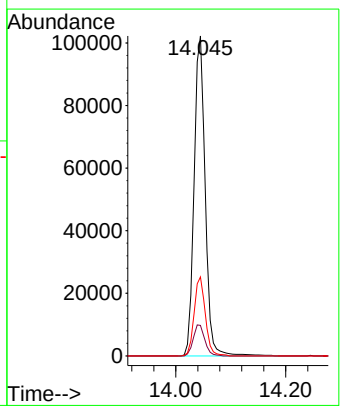


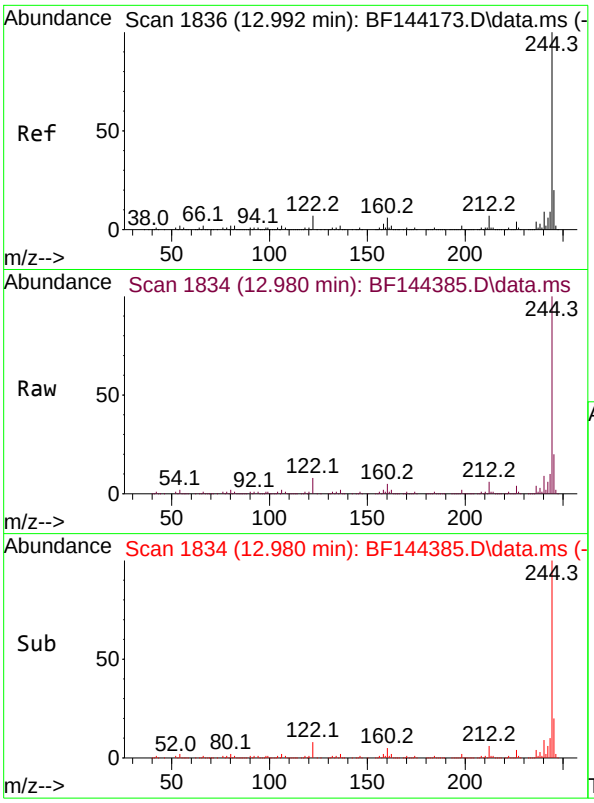


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Tgt Ion:240 Resp: 143527

Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.6	10.0
236	24.7	21.4	32.2



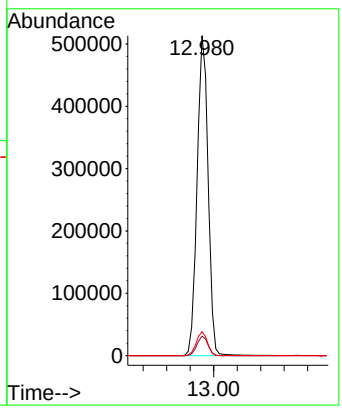


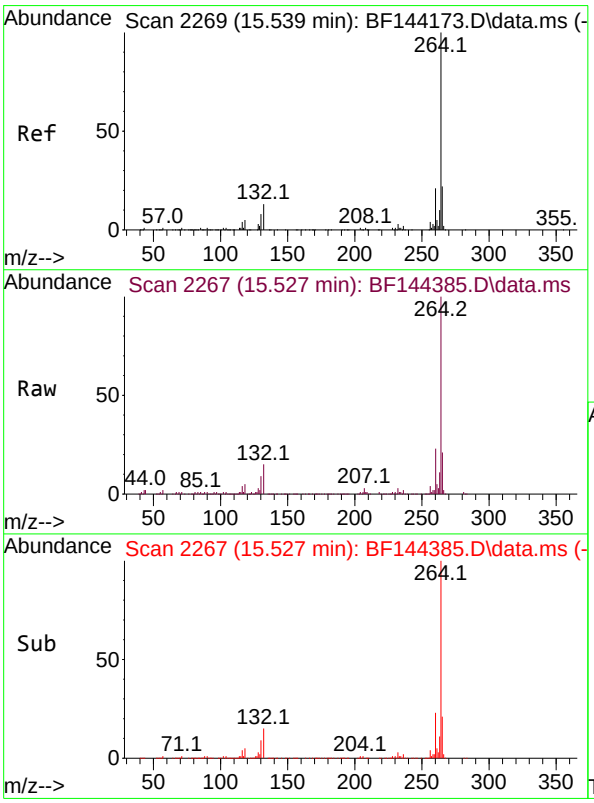
#79
Terphenyl-d14
Concen: 73.619 ng
RT: 12.980 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Instrument :
BNA_F
ClientSampleId :
PB170763BL

Tgt Ion:244 Resp: 665212

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.3	7.9
122	7.5	5.6	8.4

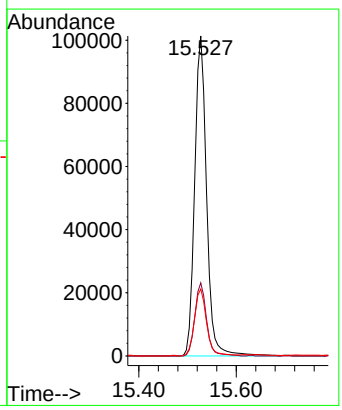




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Tgt Ion:264 Resp: 171385

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.1	25.7
265	20.9	17.4	26.0



Raw Data: **BF144386.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	
Project:	AQUA Woolwich Pump Station 22-531			Date Received:	
Client Sample ID:	PB170763BS			SDG No.:	Q3725
Lab Sample ID:	PB170763BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOCMS NJ CleanGroup Ne
Prep Method :	SW3541	Prep Date:	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	1400		1	33.5	330	ug/Kg	12/01/25 14:40	PB170763
100-52-7	Benzaldehyde	1300		1	160	330	ug/Kg	12/01/25 14:40	PB170763
108-95-2	Phenol	1400		1	22.1	170	ug/Kg	12/01/25 14:40	PB170763
111-44-4	bis(2-Chloroethyl)ether	1400		1	24.3	170	ug/Kg	12/01/25 14:40	PB170763
95-57-8	2-Chlorophenol	1400		1	24.4	170	ug/Kg	12/01/25 14:40	PB170763
95-48-7	2-Methylphenol	1400		1	29.9	170	ug/Kg	12/01/25 14:40	PB170763
108-60-1	2,2-oxybis(1-Chloropropane)	1500		1	37.5	170	ug/Kg	12/01/25 14:40	PB170763
98-86-2	Acetophenone	1500		1	29.5	170	ug/Kg	12/01/25 14:40	PB170763
65794-96-9	3+4-Methylphenols	1400		1	41.1	330	ug/Kg	12/01/25 14:40	PB170763
621-64-7	n-Nitroso-di-n-propylamine	1300		1	47.4	79.9	ug/Kg	12/01/25 14:40	PB170763
67-72-1	Hexachloroethane	1400		1	17.6	170	ug/Kg	12/01/25 14:40	PB170763
98-95-3	Nitrobenzene	1400		1	18.3	170	ug/Kg	12/01/25 14:40	PB170763
78-59-1	Isophorone	1400		1	32.8	170	ug/Kg	12/01/25 14:40	PB170763
105-67-9	2,4-Dimethylphenol	1500		1	64.7	170	ug/Kg	12/01/25 14:40	PB170763
120-83-2	2,4-Dichlorophenol	1400		1	28.3	170	ug/Kg	12/01/25 14:40	PB170763
91-20-3	Naphthalene	1400		1	22.7	170	ug/Kg	12/01/25 14:40	PB170763
87-68-3	Hexachlorobutadiene	1300		1	25.3	170	ug/Kg	12/01/25 14:40	PB170763
105-60-2	Caprolactam	1400		1	52.0	330	ug/Kg	12/01/25 14:40	PB170763
91-57-6	2-Methylnaphthalene	1300		1	25.6	170	ug/Kg	12/01/25 14:40	PB170763
77-47-4	Hexachlorocyclopentadiene	2500		1	120	330	ug/Kg	12/01/25 14:40	PB170763
88-06-2	2,4,6-Trichlorophenol	1400		1	19.8	170	ug/Kg	12/01/25 14:40	PB170763
95-95-4	2,4,5-Trichlorophenol	1300		1	29.1	170	ug/Kg	12/01/25 14:40	PB170763
92-52-4	1,1-Biphenyl	1600		1	21.8	170	ug/Kg	12/01/25 14:40	PB170763
88-74-4	2-Nitroaniline	1400		1	48.1	170	ug/Kg	12/01/25 14:40	PB170763
208-96-8	Acenaphthylene	1600		1	28.9	170	ug/Kg	12/01/25 14:40	PB170763
606-20-2	2,6-Dinitrotoluene	1400		1	33.6	170	ug/Kg	12/01/25 14:40	PB170763
83-32-9	Acenaphthene	1300		1	21.3	170	ug/Kg	12/01/25 14:40	PB170763
51-28-5	2,4-Dinitrophenol	2400		1	230	330	ug/Kg	12/01/25 14:40	PB170763
121-14-2	2,4-Dinitrotoluene	1400		1	50.0	170	ug/Kg	12/01/25 14:40	PB170763
84-66-2	Diethylphthalate	1300		1	28.3	170	ug/Kg	12/01/25 14:40	PB170763
86-73-7	Fluorene	1400		1	25.3	170	ug/Kg	12/01/25 14:40	PB170763
534-52-1	4,6-Dinitro-2-methylphenol	1400		1	100	330	ug/Kg	12/01/25 14:40	PB170763
86-30-6	n-Nitrosodiphenylamine	1500		1	32.9	170	ug/Kg	12/01/25 14:40	PB170763
103-33-3	Azobenzene	1400		1	29.2	170	ug/Kg	12/01/25 14:40	PB170763
118-74-1	Hexachlorobenzene	1500		1	25.3	170	ug/Kg	12/01/25 14:40	PB170763
1912-24-9	Atrazine	1400		1	34.0	170	ug/Kg	12/01/25 14:40	PB170763
87-86-5	Pentachlorophenol	2600		1	51.2	330	ug/Kg	12/01/25 14:40	PB170763
85-01-8	Phenanthrene	1400		1	20.9	170	ug/Kg	12/01/25 14:40	PB170763
120-12-7	Anthracene	1400		1	33.3	170	ug/Kg	12/01/25 14:40	PB170763
86-74-8	Carbazole	1400		1	31.2	170	ug/Kg	12/01/25 14:40	PB170763
84-74-2	Di-n-butylphthalate	1400		1	47.9	170	ug/Kg	12/01/25 14:40	PB170763
206-44-0	Fluoranthene	1400		1	30.0	170	ug/Kg	12/01/25 14:40	PB170763

Raw Data: **BF144386.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	
Project:	AQUA Woolwich Pump Station 22-531			Date Received:	
Client Sample ID:	PB170763BS			SDG No.:	Q3725
Lab Sample ID:	PB170763BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOCMS NJ CleanGroup Ne
Prep Method :	SW3541	Prep Date:	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep	BatchID
92-87-5	Benzidine	630		1	150	330	ug/Kg	12/01/25 14:40		PB170763
129-00-0	Pyrene	1200		1	36.0	170	ug/Kg	12/01/25 14:40		PB170763
85-68-7	Butylbenzylphthalate	1400		1	71.3	170	ug/Kg	12/01/25 14:40		PB170763
91-94-1	3,3-Dichlorobenzidine	1200		1	36.7	330	ug/Kg	12/01/25 14:40		PB170763
56-55-3	Benzo(a)anthracene	1400		1	23.0	170	ug/Kg	12/01/25 14:40		PB170763
218-01-9	Chrysene	1500		1	19.9	170	ug/Kg	12/01/25 14:40		PB170763
117-81-7	Bis(2-ethylhexyl)phthalate	1500		1	59.1	170	ug/Kg	12/01/25 14:40		PB170763
117-84-0	Di-n-octyl phthalate	1600		1	86.7	330	ug/Kg	12/01/25 14:40		PB170763
205-99-2	Benzo(b)fluoranthene	1700		1	19.0	170	ug/Kg	12/01/25 14:40		PB170763
207-08-9	Benzo(k)fluoranthene	1500		1	22.4	170	ug/Kg	12/01/25 14:40		PB170763
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	12/01/25 14:40		PB170763
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	29.1	170	ug/Kg	12/01/25 14:40		PB170763
53-70-3	Dibenzo(a,h)anthracene	1500		1	27.4	170	ug/Kg	12/01/25 14:40		PB170763
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	12/01/25 14:40		PB170763
SURROGATES										
367-12-4	2-Fluorophenol	113			30 (10) - 130 (105)	75%	SPK: 150			
13127-88-3	Phenol-d6	112			30 (10) - 130 (103)	75%	SPK: 150			
4165-60-0	Nitrobenzene-d5	78.2			30 (10) - 130 (108)	78%	SPK: 100			
321-60-8	2-Fluorobiphenyl	79.5			30 (10) - 130 (108)	80%	SPK: 100			
118-79-6	2,4,6-Tribromophenol	104			30 (10) - 130 (116)	70%	SPK: 150			
1718-51-0	Terphenyl-d14	69.5			30 (10) - 130 (109)	69%	SPK: 100			
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	56600								
1146-65-2	Naphthalene-d8	215000								
15067-26-2	Acenaphthene-d10	113000								
1517-22-2	Phenanthrene-d10	172000								
1719-03-5	Chrysene-d12	127000								
1520-96-3	Perylene-d12	157000								

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\BF120125\
Data File : BF144386.D
Acq On : 01 Dec 2025 14:40
Operator : RC/JU
Sample : PB170763BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170763BS

Quant Time: Dec 01 15:19:46 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	56637	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	215029	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	112964	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	172015	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	126792	20.000	ng		0.00
86) Perylene-d12	15.527	264	157195	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	407223	112.515	ng		0.00
7) Phenol-d6	6.498	99	459827	112.128	ng		0.00
23) Nitrobenzene-d5	7.428	82	290982	78.155	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	147933	104.357	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	608225	79.522	ng		0.00
79) Terphenyl-d14	12.980	244	554561	69.473	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	58166	38.873	ng		97
3) Pyridine	3.446	79	146839	35.175	ng		99
4) n-Nitrosodimethylamine	3.387	42	88674	40.666	ng		88
6) Aniline	6.528	93	174476	29.862	ng	#	88
8) 2-Chlorophenol	6.651	128	149533	42.129	ng		98
9) Benzaldehyde	6.416	77	92494	39.942	ng		98
10) Phenol	6.516	94	204930	40.900	ng		88
11) bis(2-Chloroethyl)ether	6.598	93	154676	42.366	ng		98
12) 1,3-Dichlorobenzene	6.804	146	183216	41.832	ng		97
13) 1,4-Dichlorobenzene	6.881	146	186437	42.489	ng		98
14) 1,2-Dichlorobenzene	7.034	146	176013	41.851	ng		98
15) Benzyl Alcohol	7.004	79	137467	42.333	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	297869	44.304	ng		91
17) 2-Methylphenol	7.122	107	118328	41.906	ng		97
18) Hexachloroethane	7.375	117	59928	41.109	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	107903	39.969	ng		97
20) 3+4-Methylphenols	7.275	107	137636	41.350	ng	#	90
22) Acetophenone	7.275	105	212623	46.094	ng		99
24) Nitrobenzene	7.445	77	170386	42.149	ng		99
25) Isophorone	7.687	82	298440	42.378	ng		98
26) 2-Nitrophenol	7.763	139	86378	43.166	ng		95
27) 2,4-Dimethylphenol	7.798	122	138962	46.332	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	190516	43.322	ng		97
29) 2,4-Dichlorophenol	8.004	162	140533	40.653	ng		99
30) 1,2,4-Trichlorobenzene	8.087	180	152920	43.080	ng		95
31) Naphthalene	8.169	128	425410	41.590	ng		99
32) Benzoic acid	7.928	122	96806	44.032	ng		93
33) 4-Chloroaniline	8.216	127	91460	24.516	ng		97
34) Hexachlorobutadiene	8.281	225	102044	38.144	ng		97
35) Caprolactam	8.586	113	38486	40.637	ng		97
36) 4-Chloro-3-methylphenol	8.704	107	123985	40.020	ng		97
37) 2-Methylnaphthalene	8.857	142	259698	37.974	ng		100
38) 1-Methylnaphthalene	8.957	142	260730	39.512	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	173766	46.936	ng		99
41) Hexachlorocyclopentadiene	9.010	237	104969	74.614	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	104210	41.357	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144386.D
Acq On : 01 Dec 2025 14:40
Operator : RC/JU
Sample : PB170763BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170763BS

Quant Time: Dec 01 15:19:46 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

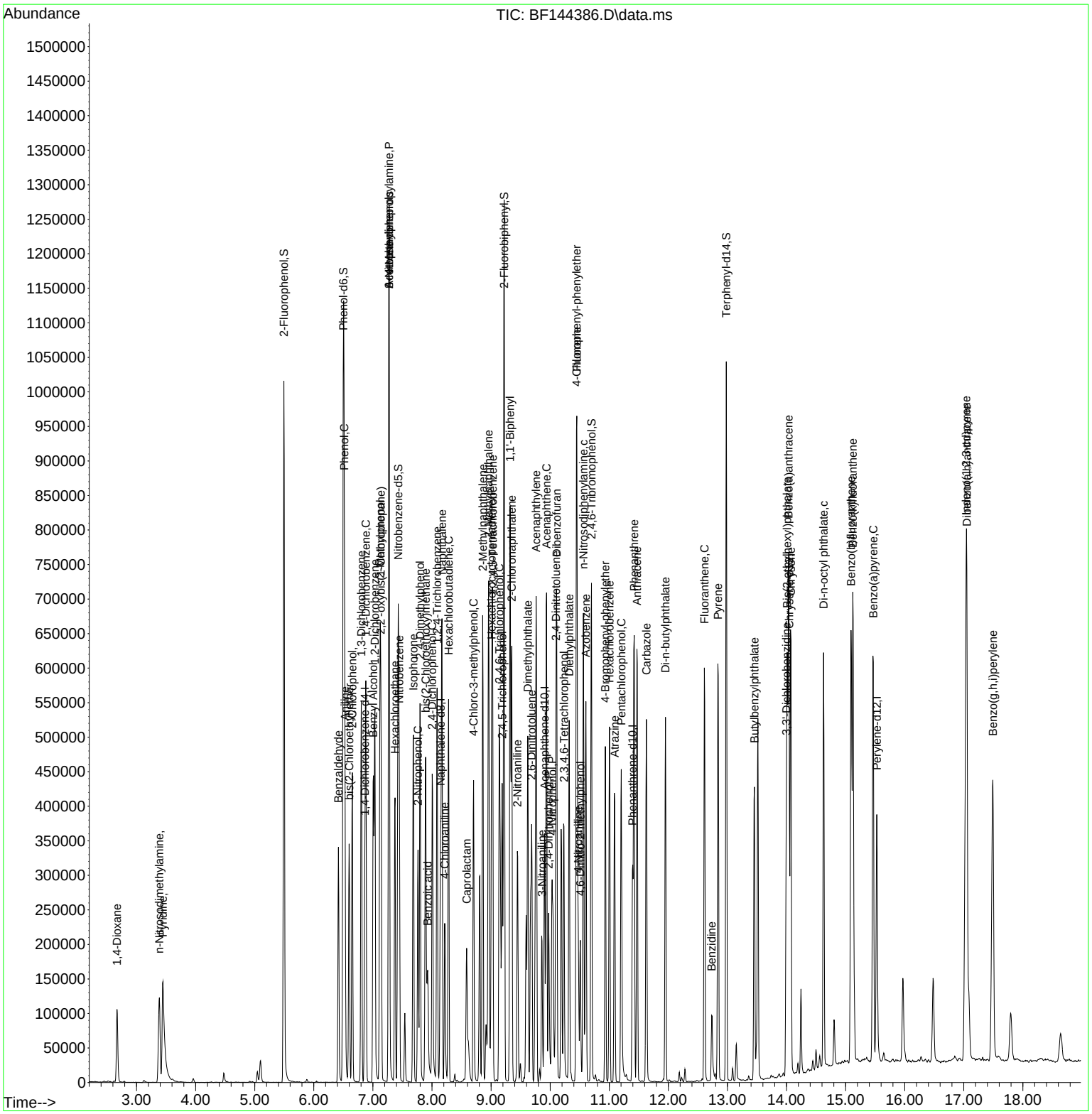
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	107968	39.756	ng	99
46) 1,1'-Biphenyl	9.322	154	371956	47.171	ng	100
47) 2-Chloronaphthalene	9.351	162	282974	42.070	ng	100
48) 2-Nitroaniline	9.445	65	83017	42.776	ng	99
49) Acenaphthylene	9.763	152	437028	47.679	ng	99
50) Dimethylphthalate	9.622	163	313971	41.954	ng	99
51) 2,6-Dinitrotoluene	9.686	165	65786	43.425	ng	96
52) Acenaphthene	9.939	154	232690	37.963	ng	98
53) 3-Nitroaniline	9.863	138	49130	29.667	ng	95
54) 2,4-Dinitrophenol	9.975	184	65990	72.136	ng	98
55) Dibenzofuran	10.110	168	352656	41.081	ng	98
56) 4-Nitrophenol	10.033	139	73968	61.747	ng	93
57) 2,4-Dinitrotoluene	10.098	165	86358	42.582	ng	98
58) Fluorene	10.451	166	272873	41.808	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	79071	41.152	ng	99
60) Diethylphthalate	10.322	149	278032	40.302	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	148145	39.847	ng	99
62) 4-Nitroaniline	10.475	138	58689	37.213	ng	91
63) Azobenzene	10.604	77	272308	42.412	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	48110	41.170	ng	97
66) n-Nitrosodiphenylamine	10.563	169	255574	46.195	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	95671	43.574	ng	99
68) Hexachlorobenzene	11.004	284	112762	43.603	ng	97
69) Atrazine	11.092	200	76387	43.415	ng	99
70) Pentachlorophenol	11.204	266	100446	77.998	ng	99
71) Phenanthrene	11.422	178	370963	43.315	ng	100
72) Anthracene	11.469	178	375519	43.121	ng	99
73) Carbazole	11.627	167	315715	42.634	ng	99
74) Di-n-butylphthalate	11.951	149	379255	42.365	ng	99
75) Fluoranthene	12.610	202	368758	41.682	ng	98
77) Benzidine	12.733	184	70745	18.863	ng	97
78) Pyrene	12.839	202	379480	37.120	ng	99
80) Butylbenzylphthalate	13.457	149	147754	41.701	ng	96
81) Benzo(a)anthracene	14.033	228	379990	43.241	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	109988	36.514	ng	97
83) Chrysene	14.074	228	359650	44.335	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	216042	44.541	ng	100
85) Di-n-octyl phthalate	14.627	149	405801	48.491	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	502518	44.533	ng	97
88) Benzo(b)fluoranthene	15.092	252	454177	50.821	ng	99
89) Benzo(k)fluoranthene	15.121	252	386995	46.264	ng	100
90) Benzo(a)pyrene	15.468	252	407948	49.481	ng	96
91) Dibenzo(a,h)anthracene	17.051	278	415433	45.842	ng	98
92) Benzo(g,h,i)perylene	17.492	276	419604	46.888	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144386.D
Acq On : 01 Dec 2025 14:40
Operator : RC/JU
Sample : PB170763BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170763BS

Quant Time: Dec 01 15:19:46 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



Raw Data: **BF144392.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	11/26/25
Project:	AQUA Woolwich Pump Station 22-531			Date Received:	11/26/25
Client Sample ID:	BU-3-112625MS			SDG No.:	Q3725
Lab Sample ID:	Q3735-01MS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	85.4
Sample Wt/Vol:	50.02 g	Final Vol:	1000 uL	Test:	SVOCMS NJ CleanGroup Ne
Prep Method :	SW3541	Prep Date:	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	1200		1	23.5	230	ug/Kg	12/01/25 17:43	PB170763
100-52-7	Benzaldehyde	790		1	110	230	ug/Kg	12/01/25 17:43	PB170763
108-95-2	Phenol	990		1	15.5	120	ug/Kg	12/01/25 17:43	PB170763
111-44-4	bis(2-Chloroethyl)ether	1100		1	17.1	120	ug/Kg	12/01/25 17:43	PB170763
95-57-8	2-Chlorophenol	1000		1	17.1	120	ug/Kg	12/01/25 17:43	PB170763
95-48-7	2-Methylphenol	970		1	21.0	120	ug/Kg	12/01/25 17:43	PB170763
108-60-1	2,2-oxybis(1-Chloropropane)	1100		1	26.3	120	ug/Kg	12/01/25 17:43	PB170763
98-86-2	Acetophenone	1200		1	20.7	120	ug/Kg	12/01/25 17:43	PB170763
65794-96-9	3+4-Methylphenols	970		1	28.9	230	ug/Kg	12/01/25 17:43	PB170763
621-64-7	n-Nitroso-di-n-propylamine	1000		1	33.3	56.2	ug/Kg	12/01/25 17:43	PB170763
67-72-1	Hexachloroethane	1000		1	12.4	120	ug/Kg	12/01/25 17:43	PB170763
98-95-3	Nitrobenzene	1100		1	12.9	120	ug/Kg	12/01/25 17:43	PB170763
78-59-1	Isophorone	1100		1	23.0	120	ug/Kg	12/01/25 17:43	PB170763
105-67-9	2,4-Dimethylphenol	1200		1	45.5	120	ug/Kg	12/01/25 17:43	PB170763
120-83-2	2,4-Dichlorophenol	990		1	19.9	120	ug/Kg	12/01/25 17:43	PB170763
91-20-3	Naphthalene	1100		1	15.9	120	ug/Kg	12/01/25 17:43	PB170763
87-68-3	Hexachlorobutadiene	1100		1	17.8	120	ug/Kg	12/01/25 17:43	PB170763
105-60-2	Caprolactam	1000		1	36.6	230	ug/Kg	12/01/25 17:43	PB170763
91-57-6	2-Methylnaphthalene	940		1	18.0	120	ug/Kg	12/01/25 17:43	PB170763
77-47-4	Hexachlorocyclopentadiene	1000		1	81.5	230	ug/Kg	12/01/25 17:43	PB170763
88-06-2	2,4,6-Trichlorophenol	1100		1	13.9	120	ug/Kg	12/01/25 17:43	PB170763
95-95-4	2,4,5-Trichlorophenol	1100		1	20.4	120	ug/Kg	12/01/25 17:43	PB170763
92-52-4	1,1-Biphenyl	1200		1	15.3	120	ug/Kg	12/01/25 17:43	PB170763
88-74-4	2-Nitroaniline	1100		1	33.8	120	ug/Kg	12/01/25 17:43	PB170763
208-96-8	Acenaphthylene	1300		1	20.3	120	ug/Kg	12/01/25 17:43	PB170763
606-20-2	2,6-Dinitrotoluene	1200		1	23.6	120	ug/Kg	12/01/25 17:43	PB170763
83-32-9	Acenaphthene	1000		1	15.0	120	ug/Kg	12/01/25 17:43	PB170763
51-28-5	2,4-Dinitrophenol	1300		1	160	230	ug/Kg	12/01/25 17:43	PB170763
121-14-2	2,4-Dinitrotoluene	1200		1	35.2	120	ug/Kg	12/01/25 17:43	PB170763
84-66-2	Diethylphthalate	1200		1	19.9	120	ug/Kg	12/01/25 17:43	PB170763
86-73-7	Fluorene	1200		1	17.8	120	ug/Kg	12/01/25 17:43	PB170763
534-52-1	4,6-Dinitro-2-methylphenol	630		1	72.3	230	ug/Kg	12/01/25 17:43	PB170763
86-30-6	n-Nitrosodiphenylamine	1100		1	23.1	120	ug/Kg	12/01/25 17:43	PB170763
103-33-3	Azobenzene	1200		1	20.5	120	ug/Kg	12/01/25 17:43	PB170763
118-74-1	Hexachlorobenzene	1000		1	17.8	120	ug/Kg	12/01/25 17:43	PB170763
1912-24-9	Atrazine	1200		1	23.9	120	ug/Kg	12/01/25 17:43	PB170763
87-86-5	Pentachlorophenol	2200	E	1	36.0	230	ug/Kg	12/01/25 17:43	PB170763
85-01-8	Phenanthrene	1100		1	14.7	120	ug/Kg	12/01/25 17:43	PB170763
120-12-7	Anthracene	1100		1	23.4	120	ug/Kg	12/01/25 17:43	PB170763
86-74-8	Carbazole	1200		1	21.9	120	ug/Kg	12/01/25 17:43	PB170763
84-74-2	Di-n-butylphthalate	1300		1	33.6	120	ug/Kg	12/01/25 17:43	PB170763
206-44-0	Fluoranthene	1400		1	21.1	120	ug/Kg	12/01/25 17:43	PB170763

Raw Data: **BF144392.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	11/26/25
Project:	AQUA Woolwich Pump Station 22-531			Date Received:	11/26/25
Client Sample ID:	BU-3-112625MS			SDG No.:	Q3725
Lab Sample ID:	Q3735-01MS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	85.4
Sample Wt/Vol:	50.02 g	Final Vol:	1000 uL	Test:	SVOCMS NJ CleanGroup Ne
Prep Method :	SW3541	Prep Date:	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
92-87-5	Benzidine	1000		1	100	230	ug/Kg	12/01/25 17:43	PB170763
129-00-0	Pyrene	960		1	25.3	120	ug/Kg	12/01/25 17:43	PB170763
85-68-7	Butylbenzylphthalate	1200		1	50.1	120	ug/Kg	12/01/25 17:43	PB170763
91-94-1	3,3-Dichlorobenzidine	760		1	25.8	230	ug/Kg	12/01/25 17:43	PB170763
56-55-3	Benzo(a)anthracene	1200		1	16.2	120	ug/Kg	12/01/25 17:43	PB170763
218-01-9	Chrysene	1100		1	14.0	120	ug/Kg	12/01/25 17:43	PB170763
117-81-7	Bis(2-ethylhexyl)phthalate	1300		1	41.6	120	ug/Kg	12/01/25 17:43	PB170763
117-84-0	Di-n-octyl phthalate	1200		1	61.0	230	ug/Kg	12/01/25 17:43	PB170763
205-99-2	Benzo(b)fluoranthene	1400		1	13.3	120	ug/Kg	12/01/25 17:43	PB170763
207-08-9	Benzo(k)fluoranthene	1300		1	15.7	120	ug/Kg	12/01/25 17:43	PB170763
50-32-8	Benzo(a)pyrene	1200		1	20.7	120	ug/Kg	12/01/25 17:43	PB170763
193-39-5	Indeno(1,2,3-cd)pyrene	880		1	20.4	120	ug/Kg	12/01/25 17:43	PB170763
53-70-3	Dibenzo(a,h)anthracene	900		1	19.2	120	ug/Kg	12/01/25 17:43	PB170763
191-24-2	Benzo(g,h,i)perylene	900		1	18.0	120	ug/Kg	12/01/25 17:43	PB170763
SURROGATES									
367-12-4	2-Fluorophenol	70.0			30 (10) - 130 (105)	47%	SPK: 150		
13127-88-3	Phenol-d6	64.8			30 (10) - 130 (103)	43%	SPK: 150		
4165-60-0	Nitrobenzene-d5	49.9			30 (10) - 130 (108)	50%	SPK: 100		
321-60-8	2-Fluorobiphenyl	46.0			30 (10) - 130 (108)	46%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	70.1			30 (10) - 130 (116)	47%	SPK: 150		
1718-51-0	Terphenyl-d14	35.9			30 (10) - 130 (109)	36%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	49500							
1146-65-2	Naphthalene-d8	163000							
15067-26-2	Acenaphthene-d10	75700							
1517-22-2	Phenanthrene-d10	143000							
1719-03-5	Chrysene-d12	137000							
1520-96-3	Perylene-d12	107000							

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\BF120125\
Data File : BF144392.D
Acq On : 01 Dec 2025 17:43
Operator : RC/JU
Sample : Q3735-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

Quant Time: Dec 02 00:08:38 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	49538	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	162841	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	75668	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	143189	20.000	ng		-0.01
76) Chrysene-d12	14.051	240	136669	20.000	ng		0.00
86) Perylene-d12	15.527	264	107138	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	221527	69.979	ng		0.00
7) Phenol-d6	6.498	99	232338	64.774	ng		0.00
23) Nitrobenzene-d5	7.428	82	140640	49.881	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	66521	70.056	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	235489	45.964	ng		-0.01
79) Terphenyl-d14	12.980	244	309101	35.925	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	65145	49.776	ng		98
3) Pyridine	3.440	79	179798	49.242	ng		97
4) n-Nitrosodimethylamine	3.393	42	95198	49.914	ng		87
6) Aniline	6.528	93	98632	19.300	ng	#	81
8) 2-Chlorophenol	6.651	128	135265	43.571	ng		99
9) Benzaldehyde	6.416	77	68530	33.834	ng		99
10) Phenol	6.516	94	185691	42.372	ng		96
11) bis(2-Chloroethyl)ether	6.598	93	149087	46.687	ng		99
12) 1,3-Dichlorobenzene	6.804	146	177252	46.270	ng		98
13) 1,4-Dichlorobenzene	6.881	146	176204	45.912	ng		100
14) 1,2-Dichlorobenzene	7.034	146	170127	46.248	ng		99
15) Benzyl Alcohol	7.004	79	123279	43.405	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	265006	45.065	ng		86
17) 2-Methylphenol	7.122	107	102144	41.358	ng		98
18) Hexachloroethane	7.375	117	55485	43.515	ng		99
19) n-Nitroso-di-n-propyla...	7.269	70	101498	42.984	ng		99
20) 3+4-Methylphenols	7.275	107	121164	41.618	ng	#	88
22) Acetophenone	7.269	105	175732	50.305	ng		98
24) Nitrobenzene	7.445	77	146955	48.004	ng		98
25) Isophorone	7.686	82	253476	47.528	ng		99
26) 2-Nitrophenol	7.763	139	73931	48.786	ng		94
27) 2,4-Dimethylphenol	7.798	122	112605	49.576	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	165254	49.621	ng		98
29) 2,4-Dichlorophenol	8.010	162	110926	42.372	ng		98
30) 1,2,4-Trichlorobenzene	8.086	180	128116	47.659	ng		97
31) Naphthalene	8.169	128	355869	45.941	ng		99
32) Benzoic acid	7.916	122	59806	35.921	ng		96
33) 4-Chloroaniline	8.222	127	37238	13.181	ng		96
34) Hexachlorobutadiene	8.281	225	93033	45.921	ng		98
35) Caprolactam	8.581	113	30758	42.885	ng		97
36) 4-Chloro-3-methylphenol	8.704	107	93881	40.015	ng		99
37) 2-Methylnaphthalene	8.857	142	206870	39.944	ng		99
38) 1-Methylnaphthalene	8.957	142	206178	41.259	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	124144	50.060	ng		98
41) Hexachlorocyclopentadiene	9.010	237	33420	43.093	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	79754	47.252	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144392.D
Acq On : 01 Dec 2025 17:43
Operator : RC/JU
Sample : Q3735-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

Quant Time: Dec 02 00:08:38 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

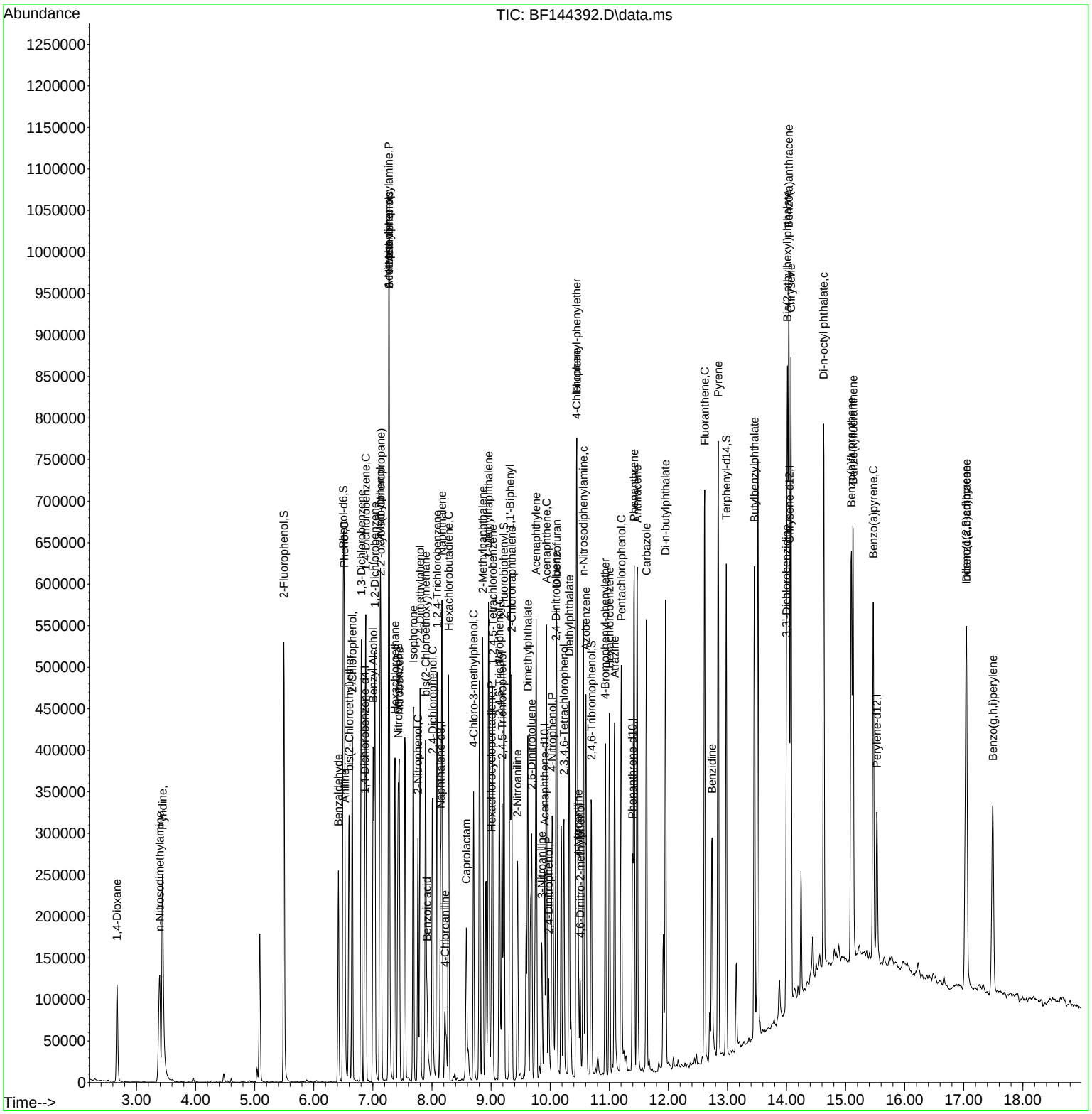
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	83020	45.637	ng		99
46) 1,1'-Biphenyl	9.322	154	271117	51.330	ng		99
47) 2-Chloronaphthalene	9.351	162	218598	48.518	ng		99
48) 2-Nitroaniline	9.445	65	62939	48.415	ng		96
49) Acenaphthylene	9.763	152	340422	55.445	ng		98
50) Dimethylphthalate	9.622	163	250400	49.952	ng		100
51) 2,6-Dinitrotoluene	9.686	165	53205	52.431	ng		93
52) Acenaphthene	9.939	154	181069	44.101	ng		99
53) 3-Nitroaniline	9.857	138	37904	34.170	ng		98
54) 2,4-Dinitrophenol	9.975	184	32760	53.462	ng		93
55) Dibenzofuran	10.110	168	274275	47.698	ng		97
56) 4-Nitrophenol	10.033	139	75741	94.390	ng		97
57) 2,4-Dinitrotoluene	10.098	165	71111	52.347	ng		97
58) Fluorene	10.451	166	218481	49.973	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	61338	47.658	ng		98
60) Diethylphthalate	10.322	149	230244	49.825	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	114834	46.111	ng		99
62) 4-Nitroaniline	10.475	138	51018	48.294	ng		94
63) Azobenzene	10.604	77	224073	52.101	ng		94
65) 4,6-Dinitro-2-methylph...	10.510	198	26253	26.989	ng		93
66) n-Nitrosodiphenylamine	10.563	169	210592	45.728	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	77131	42.202	ng		98
68) Hexachlorobenzene	11.004	284	95083	44.168	ng		96
69) Atrazine	11.092	200	72787	49.697	ng		99
70) Pentachlorophenol	11.204	266	102820	95.915	ng		98
71) Phenanthrene	11.422	178	343113	48.128	ng		99
72) Anthracene	11.474	178	354751	48.937	ng		100
73) Carbazole	11.627	167	328075	53.223	ng		100
74) Di-n-butylphthalate	11.951	149	404342	54.261	ng		99
75) Fluoranthene	12.616	202	431555	58.600	ng		99
77) Benzidine	12.739	184	171833	42.506	ng		99
78) Pyrene	12.845	202	452018	41.020	ng		100
80) Butylbenzylphthalate	13.457	149	192349	50.363	ng		97
81) Benzo(a)anthracene	14.039	228	465387	49.132	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	105053	32.356	ng		96
83) Chrysene	14.074	228	411235	47.030	ng		97
84) Bis(2-ethylhexyl)phtha...	14.015	149	279667	53.491	ng		99
85) Di-n-octyl phthalate	14.627	149	456273	50.582	ng	#	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	287880	37.432	ng		98
88) Benzo(b)fluoranthene	15.098	252	356710	58.563	ng		100
89) Benzo(k)fluoranthene	15.127	252	318534	55.872	ng		100
90) Benzo(a)pyrene	15.468	252	291303	51.841	ng		98
91) Dibenzo(a,h)anthracene	17.045	278	238557	38.623	ng		99
92) Benzo(g,h,i)perylene	17.492	276	233682	38.312	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144392.D
Acq On : 01 Dec 2025 17:43
Operator : RC/JU
Sample : Q3735-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

Quant Time: Dec 02 00:08:38 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



Raw Data: **BF144393.D**

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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/26/25
Project:	AQUA Woolwich Pump Station 22-531	Date Received:	11/26/25
Client Sample ID:	BU-3-112625MSD	SDG No.:	Q3725
Lab Sample ID:	Q3735-01MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	85.4
Sample Wt/Vol:	50.07 g Final Vol: 1000 uL	Test:	SVOCMS NJ CleanGroup Ne
Prep Method :	SW3541 Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	1200		1	23.5	230	ug/Kg	12/01/25 18:12	PB170763
100-52-7	Benzaldehyde	810		1	110	230	ug/Kg	12/01/25 18:12	PB170763
108-95-2	Phenol	970		1	15.5	120	ug/Kg	12/01/25 18:12	PB170763
111-44-4	bis(2-Chloroethyl)ether	1100		1	17.0	120	ug/Kg	12/01/25 18:12	PB170763
95-57-8	2-Chlorophenol	1000		1	17.1	120	ug/Kg	12/01/25 18:12	PB170763
95-48-7	2-Methylphenol	950		1	21.0	120	ug/Kg	12/01/25 18:12	PB170763
108-60-1	2,2-oxybis(1-Chloropropane)	1100		1	26.3	120	ug/Kg	12/01/25 18:12	PB170763
98-86-2	Acetophenone	1200		1	20.7	120	ug/Kg	12/01/25 18:12	PB170763
65794-96-9	3+4-Methylphenols	970		1	28.8	230	ug/Kg	12/01/25 18:12	PB170763
621-64-7	n-Nitroso-di-n-propylamine	1000		1	33.3	56.1	ug/Kg	12/01/25 18:12	PB170763
67-72-1	Hexachloroethane	980		1	12.3	120	ug/Kg	12/01/25 18:12	PB170763
98-95-3	Nitrobenzene	1100		1	12.8	120	ug/Kg	12/01/25 18:12	PB170763
78-59-1	Isophorone	1100		1	23.0	120	ug/Kg	12/01/25 18:12	PB170763
105-67-9	2,4-Dimethylphenol	1200		1	45.5	120	ug/Kg	12/01/25 18:12	PB170763
120-83-2	2,4-Dichlorophenol	1000		1	19.9	120	ug/Kg	12/01/25 18:12	PB170763
91-20-3	Naphthalene	1100		1	15.9	120	ug/Kg	12/01/25 18:12	PB170763
87-68-3	Hexachlorobutadiene	1000		1	17.8	120	ug/Kg	12/01/25 18:12	PB170763
105-60-2	Caprolactam	1000		1	36.6	230	ug/Kg	12/01/25 18:12	PB170763
91-57-6	2-Methylnaphthalene	930		1	18.0	120	ug/Kg	12/01/25 18:12	PB170763
77-47-4	Hexachlorocyclopentadiene	800		1	81.4	230	ug/Kg	12/01/25 18:12	PB170763
88-06-2	2,4,6-Trichlorophenol	1000		1	13.9	120	ug/Kg	12/01/25 18:12	PB170763
95-95-4	2,4,5-Trichlorophenol	1000		1	20.4	120	ug/Kg	12/01/25 18:12	PB170763
92-52-4	1,1-Biphenyl	1100		1	15.3	120	ug/Kg	12/01/25 18:12	PB170763
88-74-4	2-Nitroaniline	1100		1	33.7	120	ug/Kg	12/01/25 18:12	PB170763
208-96-8	Acenaphthylene	1200		1	20.3	120	ug/Kg	12/01/25 18:12	PB170763
606-20-2	2,6-Dinitrotoluene	1200		1	23.6	120	ug/Kg	12/01/25 18:12	PB170763
83-32-9	Acenaphthene	980		1	14.9	120	ug/Kg	12/01/25 18:12	PB170763
51-28-5	2,4-Dinitrophenol	900		1	160	230	ug/Kg	12/01/25 18:12	PB170763
121-14-2	2,4-Dinitrotoluene	1200		1	35.1	120	ug/Kg	12/01/25 18:12	PB170763
84-66-2	Diethylphthalate	1100		1	19.9	120	ug/Kg	12/01/25 18:12	PB170763
86-73-7	Fluorene	1200		1	17.8	120	ug/Kg	12/01/25 18:12	PB170763
534-52-1	4,6-Dinitro-2-methylphenol	520		1	72.3	230	ug/Kg	12/01/25 18:12	PB170763
86-30-6	n-Nitrosodiphenylamine	1000		1	23.1	120	ug/Kg	12/01/25 18:12	PB170763
103-33-3	Azobenzene	1200		1	20.5	120	ug/Kg	12/01/25 18:12	PB170763
118-74-1	Hexachlorobenzene	1000		1	17.8	120	ug/Kg	12/01/25 18:12	PB170763
1912-24-9	Atrazine	1200		1	23.9	120	ug/Kg	12/01/25 18:12	PB170763
87-86-5	Pentachlorophenol	2300	E	1	36.0	230	ug/Kg	12/01/25 18:12	PB170763
85-01-8	Phenanthrene	1100		1	14.7	120	ug/Kg	12/01/25 18:12	PB170763
120-12-7	Anthracene	1100		1	23.4	120	ug/Kg	12/01/25 18:12	PB170763
86-74-8	Carbazole	1200		1	21.9	120	ug/Kg	12/01/25 18:12	PB170763
84-74-2	Di-n-butylphthalate	1300		1	33.6	120	ug/Kg	12/01/25 18:12	PB170763
206-44-0	Fluoranthene	1400		1	21.0	120	ug/Kg	12/01/25 18:12	PB170763

Raw Data: **BF144393.D**

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

Client:	Roman E&G Corp			Date Collected:	11/26/25
Project:	AQUA Woolwich Pump Station 22-531			Date Received:	11/26/25
Client Sample ID:	BU-3-112625MSD			SDG No.:	Q3725
Lab Sample ID:	Q3735-01MSD			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	85.4
Sample Wt/Vol:	50.07 g	Final Vol:	1000 uL	Test:	SVOCMS NJ CleanGroup Ne
Prep Method :	SW3541	Prep Date:	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
92-87-5	Benzidine	1100		1	100	230	ug/Kg	12/01/25 18:12	PB170763
129-00-0	Pyrene	1000		1	25.3	120	ug/Kg	12/01/25 18:12	PB170763
85-68-7	Butylbenzylphthalate	1200		1	50.1	120	ug/Kg	12/01/25 18:12	PB170763
91-94-1	3,3-Dichlorobenzidine	820		1	25.7	230	ug/Kg	12/01/25 18:12	PB170763
56-55-3	Benzo(a)anthracene	1200		1	16.1	120	ug/Kg	12/01/25 18:12	PB170763
218-01-9	Chrysene	1100		1	14.0	120	ug/Kg	12/01/25 18:12	PB170763
117-81-7	Bis(2-ethylhexyl)phthalate	1300		1	41.5	120	ug/Kg	12/01/25 18:12	PB170763
117-84-0	Di-n-octyl phthalate	1200		1	60.9	230	ug/Kg	12/01/25 18:12	PB170763
205-99-2	Benzo(b)fluoranthene	1300		1	13.3	120	ug/Kg	12/01/25 18:12	PB170763
207-08-9	Benzo(k)fluoranthene	1300		1	15.7	120	ug/Kg	12/01/25 18:12	PB170763
50-32-8	Benzo(a)pyrene	1200		1	20.7	120	ug/Kg	12/01/25 18:12	PB170763
193-39-5	Indeno(1,2,3-cd)pyrene	890		1	20.4	120	ug/Kg	12/01/25 18:12	PB170763
53-70-3	Dibenzo(a,h)anthracene	900		1	19.2	120	ug/Kg	12/01/25 18:12	PB170763
191-24-2	Benzo(g,h,i)perylene	890		1	18.0	120	ug/Kg	12/01/25 18:12	PB170763
SURROGATES									
367-12-4	2-Fluorophenol	68.8			30 (10) - 130 (105)	46%	SPK: 150		
13127-88-3	Phenol-d6	65.5			30 (10) - 130 (103)	44%	SPK: 150		
4165-60-0	Nitrobenzene-d5	48.2			30 (10) - 130 (108)	48%	SPK: 100		
321-60-8	2-Fluorobiphenyl	43.6			30 (10) - 130 (108)	44%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	71.8			30 (10) - 130 (116)	48%	SPK: 150		
1718-51-0	Terphenyl-d14	36.7			30 (10) - 130 (109)	37%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	47000							
1146-65-2	Naphthalene-d8	155000							
15067-26-2	Acenaphthene-d10	78600							
1517-22-2	Phenanthrene-d10	150000							
1719-03-5	Chrysene-d12	135000							
1520-96-3	Perylene-d12	107000							

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: **BF144393.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144393.D
Acq On : 01 Dec 2025 18:12
Operator : RC/JU
Sample : Q3735-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

Quant Time: Dec 02 00:09:25 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	47026	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	155006	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	78597	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	150269	20.000	ng		-0.01
76) Chrysene-d12	14.051	240	135484	20.000	ng		0.00
86) Perylene-d12	15.527	264	106852	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	206605	68.751	ng		0.00
7) Phenol-d6	6.498	99	222986	65.488	ng		0.00
23) Nitrobenzene-d5	7.428	82	129312	48.181	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	70776	71.759	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	231935	43.583	ng		-0.01
79) Terphenyl-d14	12.980	244	313031	36.700	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	64600	51.996	ng		98
3) Pyridine	3.434	79	169149	48.800	ng		98
4) n-Nitrosodimethylamine	3.387	42	91838	50.725	ng		90
6) Aniline	6.528	93	89812	18.513	ng	#	82
8) 2-Chlorophenol	6.651	128	126592	42.955	ng		98
9) Benzaldehyde	6.416	77	66196	34.428	ng		98
10) Phenol	6.516	94	172663	41.503	ng		96
11) bis(2-Chloroethyl)ether	6.598	93	141966	46.832	ng		100
12) 1,3-Dichlorobenzene	6.804	146	168669	46.381	ng		98
13) 1,4-Dichlorobenzene	6.881	146	169084	46.410	ng		98
14) 1,2-Dichlorobenzene	7.034	146	158528	45.397	ng		99
15) Benzyl Alcohol	7.004	79	113365	42.046	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	251610	45.072	ng		88
17) 2-Methylphenol	7.122	107	95564	40.761	ng		96
18) Hexachloroethane	7.375	117	50819	41.985	ng		98
19) n-Nitroso-di-n-propyla...	7.269	70	95505	42.607	ng		98
20) 3+4-Methylphenols	7.275	107	114340	41.372	ng	#	89
22) Acetophenone	7.269	105	166994	50.220	ng		98
24) Nitrobenzene	7.445	77	139168	47.758	ng		99
25) Isophorone	7.681	82	238193	46.920	ng		98
26) 2-Nitrophenol	7.763	139	71132	49.312	ng		95
27) 2,4-Dimethylphenol	7.798	122	107096	49.534	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	154877	48.855	ng		98
29) 2,4-Dichlorophenol	8.010	162	106069	42.565	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	120802	47.210	ng		98
31) Naphthalene	8.169	128	333805	45.271	ng		100
32) Benzoic acid	7.916	122	63279	39.928	ng		90
33) 4-Chloroaniline	8.222	127	41281	15.351	ng		95
34) Hexachlorobutadiene	8.281	225	84937	44.044	ng		99
35) Caprolactam	8.581	113	30129	44.131	ng		92
36) 4-Chloro-3-methylphenol	8.704	107	90368	40.464	ng		97
37) 2-Methylnaphthalene	8.857	142	195536	39.664	ng		100
38) 1-Methylnaphthalene	8.957	142	199857	42.015	ng		97
40) 1,2,4,5-Tetrachloroben...	9.028	216	120673	46.847	ng		98
41) Hexachlorocyclopentadiene	9.010	237	25574	34.226	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	76059	43.383	ng		96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144393.D
Acq On : 01 Dec 2025 18:12
Operator : RC/JU
Sample : Q3735-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

Quant Time: Dec 02 00:09:25 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

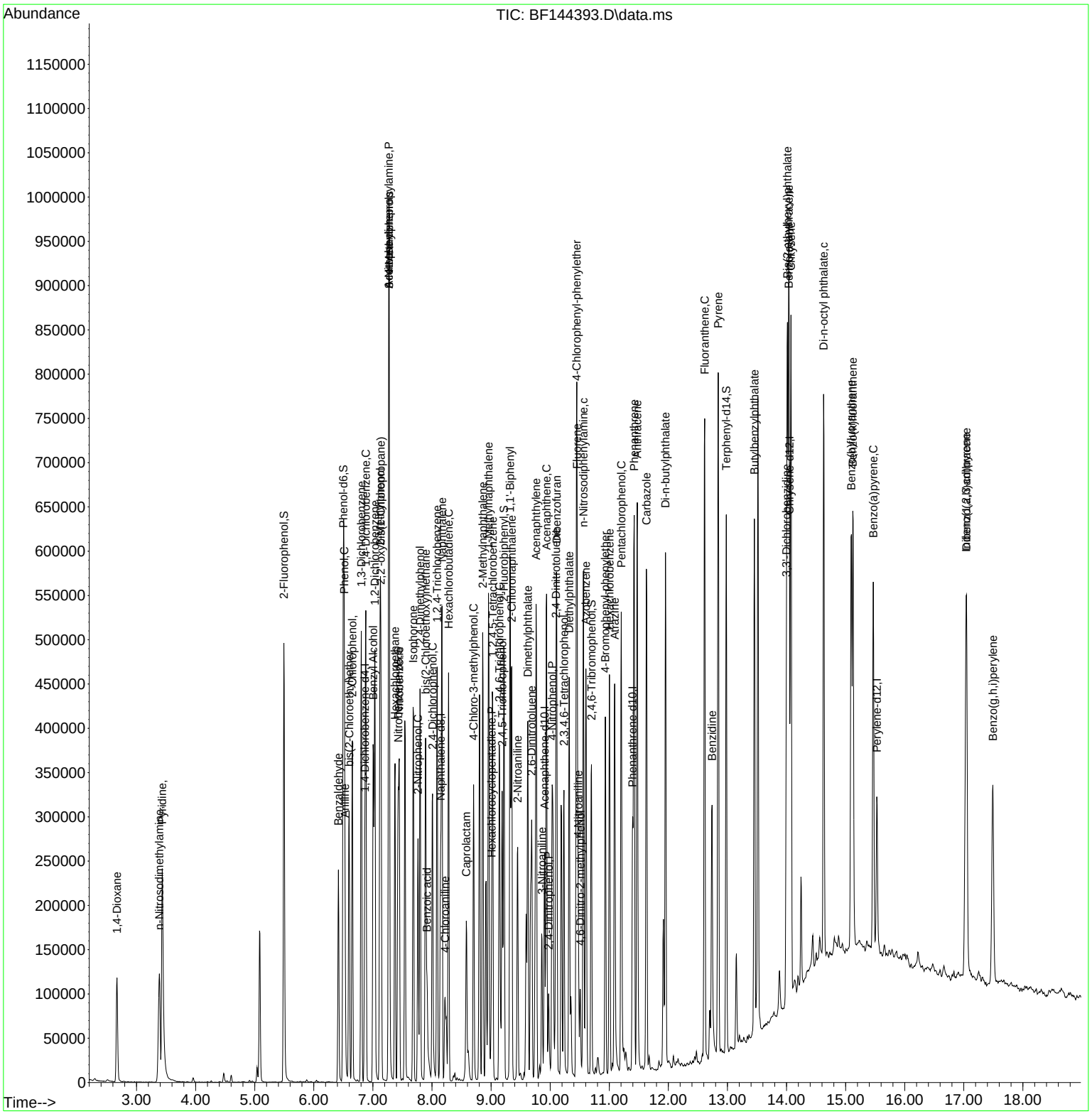
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	82271	43.540	ng	99
46) 1,1'-Biphenyl	9.322	154	259567	47.312	ng	100
47) 2-Chloronaphthalene	9.351	162	210702	45.023	ng	99
48) 2-Nitroaniline	9.451	65	63612	47.109	ng	90
49) Acenaphthylene	9.763	152	328511	51.512	ng	100
50) Dimethylphthalate	9.622	163	245841	47.215	ng	100
51) 2,6-Dinitrotoluene	9.686	165	54414	51.624	ng	91
52) Acenaphthene	9.939	154	177941	41.724	ng	98
53) 3-Nitroaniline	9.863	138	38109	33.074	ng	94
54) 2,4-Dinitrophenol	9.975	184	24505	38.500	ng	88
55) Dibenzofuran	10.110	168	274816	46.011	ng	98
56) 4-Nitrophenol	10.033	139	80539	96.629	ng	95
57) 2,4-Dinitrotoluene	10.098	165	72202	51.169	ng	98
58) Fluorene	10.457	166	223358	49.185	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	64446	48.207	ng	100
60) Diethylphthalate	10.322	149	230285	47.976	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	116115	44.888	ng	98
62) 4-Nitroaniline	10.475	138	51688	47.105	ng	92
63) Azobenzene	10.604	77	231848	51.900	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	22591	22.130	ng	93
66) n-Nitrosodiphenylamine	10.563	169	215296	44.547	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	78703	41.033	ng	97
68) Hexachlorobenzene	11.004	284	97923	43.344	ng	97
69) Atrazine	11.092	200	76246	49.606	ng	99
70) Pentachlorophenol	11.204	266	111644	99.239	ng	100
71) Phenanthrene	11.422	178	358342	47.896	ng	99
72) Anthracene	11.475	178	370992	48.766	ng	100
73) Carbazole	11.627	167	342822	52.995	ng	99
74) Di-n-butylphthalate	11.951	149	418032	53.455	ng	99
75) Fluoranthene	12.616	202	453822	58.720	ng	99
77) Benzidine	12.739	184	190139	47.446	ng	98
78) Pyrene	12.845	202	467510	42.797	ng	98
80) Butylbenzylphthalate	13.457	149	196159	51.810	ng	99
81) Benzo(a)anthracene	14.039	228	461954	49.196	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	113093	35.137	ng	95
83) Chrysene	14.074	228	407199	46.976	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	277186	53.480	ng	97
85) Di-n-octyl phthalate	14.627	149	441688	49.393	ng	96
87) Indeno(1,2,3-cd)pyrene	17.039	276	292895	38.186	ng	97
88) Benzo(b)fluoranthene	15.098	252	340496	56.051	ng	99
89) Benzo(k)fluoranthene	15.121	252	304715	53.591	ng	97
90) Benzo(a)pyrene	15.468	252	279785	49.924	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	236474	38.388	ng	97
92) Benzo(g,h,i)perylene	17.492	276	232585	38.234	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144393.D
Acq On : 01 Dec 2025 18:12
Operator : RC/JU
Sample : Q3735-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

Quant Time: Dec 02 00:09:25 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



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

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

Manual Integration Report

Sequence:	BF120125	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF144382.D	2,4-Dimethylphenol	Jagrut	12/2/2025 4:19:43 PM	mohammad	12/3/2025 1:12:18 AM	Peak Integrated by Software
SSTDCCC040	BF144382.D	Benzo(b)fluoranthene	Jagrut	12/2/2025 4:19:43 PM	mohammad	12/3/2025 1:12:18 AM	Peak Integrated by Software
SSTDCCC040	BF144382.D	Benzoic acid	Jagrut	12/2/2025 4:19:43 PM	mohammad	12/3/2025 1:12:18 AM	Peak Integrated by Software
Q3725-04	BF144389.D	Benzo(a)anthracene	Jagrut	12/2/2025 4:19:50 PM	mohammad	12/3/2025 1:12:18 AM	Peak Integrated by Software
Q3725-04	BF144389.D	Benzo(b)fluoranthene	Jagrut	12/2/2025 4:19:50 PM	mohammad	12/3/2025 1:12:18 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 # BF120125

Review By	Jagrut	Review On	12/2/2025 4:27:26 PM				
Supervise By	mohammad	Supervise On	12/3/2025 1:12:18 AM				
SubDirectory	BF120125	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	BF144381.D	01 Dec 2025 12:12	RC/JU	Ok
2	SSTDCCC040	BF144382.D	01 Dec 2025 12:41	RC/JU	Ok,M
3	PB170749BL	BF144383.D	01 Dec 2025 13:13	RC/JU	Ok
4	PB170749BS	BF144384.D	01 Dec 2025 13:42	RC/JU	Ok
5	PB170763BL	BF144385.D	01 Dec 2025 14:11	RC/JU	Ok
6	PB170763BS	BF144386.D	01 Dec 2025 14:40	RC/JU	Ok
7	Q3740-01	BF144387.D	01 Dec 2025 15:15	RC/JU	Ok,M
8	Q3719-11	BF144388.D	01 Dec 2025 15:45	RC/JU	Ok,M
9	Q3725-04	BF144389.D	01 Dec 2025 16:14	RC/JU	Ok,M
10	Q3732-01	BF144390.D	01 Dec 2025 16:44	RC/JU	Ok
11	Q3735-01	BF144391.D	01 Dec 2025 17:13	RC/JU	Ok
12	Q3735-01MS	BF144392.D	01 Dec 2025 17:43	RC/JU	Ok
13	Q3735-01MSD	BF144393.D	01 Dec 2025 18:12	RC/JU	Ok
14	Q3719-13	BF144394.D	01 Dec 2025 18:41	RC/JU	Not Ok
15	Q3719-14	BF144395.D	01 Dec 2025 19:11	RC/JU	Ok,M
16	Q3733-01	BF144396.D	01 Dec 2025 19:40	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 # BF120125

Review By	Jagrut	Review On	12/2/2025 4:27:26 PM		
Supervise By	mohammad	Supervise On	12/3/2025 1:12:18 AM		
SubDirectory	BF120125	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	BF144381.D	01 Dec 2025 12:12		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144382.D	01 Dec 2025 12:41	CCC fail high for compound #9 & #77	RC/JU	Ok,M
3	PB170749BL	PB170749BL	BF144383.D	01 Dec 2025 13:13		RC/JU	Ok
4	PB170749BS	PB170749BS	BF144384.D	01 Dec 2025 13:42		RC/JU	Ok
5	PB170763BL	PB170763BL	BF144385.D	01 Dec 2025 14:11		RC/JU	Ok
6	PB170763BS	PB170763BS	BF144386.D	01 Dec 2025 14:40		RC/JU	Ok
7	Q3740-01	WC1	BF144387.D	01 Dec 2025 15:15		RC/JU	Ok,M
8	Q3719-11	SB-1125-16A	BF144388.D	01 Dec 2025 15:45		RC/JU	Ok,M
9	Q3725-04	STOCKPILE-SAMPLES	BF144389.D	01 Dec 2025 16:14		RC/JU	Ok,M
10	Q3732-01	HD-01-11-26-2025	BF144390.D	01 Dec 2025 16:44		RC/JU	Ok
11	Q3735-01	BU-3-112625	BF144391.D	01 Dec 2025 17:13		RC/JU	Ok
12	Q3735-01MS	BU-3-112625MS	BF144392.D	01 Dec 2025 17:43		RC/JU	Ok
13	Q3735-01MSD	BU-3-112625MSD	BF144393.D	01 Dec 2025 18:12		RC/JU	Ok
14	Q3719-13	SB-1125-17A	BF144394.D	01 Dec 2025 18:41	Need Straight Run	RC/JU	Not Ok
15	Q3719-14	SB-1125-17B	BF144395.D	01 Dec 2025 19:11		RC/JU	Ok,M
16	Q3733-01	SU-04-11-26-2025	BF144396.D	01 Dec 2025 19:40	Double IS added	RC/JU	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/1/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:40
In Date: 11/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB138050

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
Q3720-01	BUR-25-0059	1	1.14	10.41	11.55	11.09	95.6	
Q3725-01	STOCKPILE-SAMPLES	7	1.11	10.65	11.76	9.99	83.4	
Q3725-02	STOCKPILE-SAMPLES	2	1.11	10.65	11.76	9.99	83.4	
Q3725-04	STOCKPILE-SAMPLES	8	1.11	10.65	11.76	9.99	83.4	
Q3732-01	HD-01-11-26-2025	3	1.15	10.76	11.91	10.5	86.9	
Q3732-02	HD-01-11-26-2025-E2	4	1.11	10.73	11.84	9.82	81.2	
Q3733-01	SU-04-11-26-2025	5	1.15	10.59	11.74	10.84	91.5	
Q3733-02	SU-04-11-26-2025-E2	6	1.16	10.67	11.83	10.67	89.1	
Q3735-01	BU-3-112625	9	1.14	10.63	11.77	10.22	85.4	
Q3736-01	D1	10	1.19	10.63	11.82	10.08	83.6	
Q3739-01	GSB1A	11	1.16	10.88	12.04	11.00	90.4	
Q3739-02	GSB1B	12	1.13	10.38	11.51	10.32	88.5	
Q3739-03	GSB2A	13	1.16	10.47	11.63	10.03	84.7	
Q3739-04	GSB2B	14	1.18	10.67	11.85	10.41	86.5	
Q3740-01	WC1	15	1.13	11.45	12.58	11.44	90.0	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

JB 138050

WorkList Name : %1-112625 **WorkList ID :** 193363 **Department :** Wet-Chemistry **Date :** 11-26-2025 13:02:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3720-01	BUR-25-0059	Solid	Percent Solids	Cool 4 deg C	PSEG03	E42	11/25/2025	Chemtech -SO
~~Q3725-01~~	~~STOCKPILE-SAMPLES~~	~~Solid~~	~~Percent Solids~~	~~Cool 4 deg C~~	~~ROMA02~~	~~D41~~	~~11/25/2025~~	~~Chemtech -SO~~
~~Q3725-02~~	~~STOCKPILE-SAMPLES~~	~~Solid~~	~~Percent Solids~~	~~Cool 4 deg C~~	~~ROMA02~~	~~D41~~	~~11/25/2025~~	~~Chemtech -SO~~
Q3725-04	STOCKPILE-SAMPLES	Solid	Percent Solids	Cool 4 deg C	ROMA02	D41	11/25/2025	Chemtech -SO
Q3732-01	HD-01-11-26-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	--Sele	11/26/2025	Chemtech -SO
Q3732-02	HD-01-11-26-2025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	A12	11/26/2025	Chemtech -SO
Q3733-01	SU-04-11-26-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	--Sele	11/26/2025	Chemtech -SO
Q3733-02	SU-04-11-26-2025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	11/26/2025	Chemtech -SO
Q3735-01	BU-3-112625	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	11/26/2025	Chemtech -SO
Q3736-01	D1	Solid	Percent Solids	Cool 4 deg C	JPCL01	A11	11/26/2025	Chemtech -SO
Q3739-01	GSB1A	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO
Q3739-02	GSB1B	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO
Q3739-03	GSB2A	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO
Q3739-04	GSB2B	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO
Q3740-01	WC1	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO

JB 12/01/25

JB 12/01/25

Date/Time 11.26.25 15:30

Raw Sample Received by: JB WC

Raw Sample Relinquished by:

Date/Time 11-26-25 18:00

Raw Sample Received by:

Raw Sample Relinquished by: JB WC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170763

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	12/01/2025
Matrix :	Solid			**Extraction Start Time :**	09:10
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	12/01/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	12:25
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	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	**Envap ID:**	N-EVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/1/25	RS (Ext lab)	JM/ SVOC
12:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170763

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 12/01/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170763BL	SBLK763	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			U4-1
PB170763BS	SLCS763	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q3725-04	STOCKPILE-SAMPLES	SVOCMS NJ CleanGroup	30.08	N/A	ritesh	Evelyn	1	E		3
Q3732-01	HD-01-11-26-2025	New SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		4
Q3733-01	SU-04-11-26-2025	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		5
Q3735-01	BU-3-112625	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	F		6
Q3735-01MS	BU-3-112625MS	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	F		U6-1
Q3735-01MSD	BU-3-112625MSD	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	F		2
Q3740-01	WC1	SVOC-TCL BNA	30.03	N/A	ritesh	Evelyn	1	B		3

RS
12/1

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

1707659
9:10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3735 **WorkList ID :** 193388 **Department :** Extraction **Date :** 12-01-2025 08:43:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3725-04	STOCKPILE-SAMPLES	Solid	SVOCMS NJ CleanGroup M	Cool 4 deg C	ROMA02	D41	11/25/2025	8270E
Q3732-01	HD-01-11-26-2025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	A11	11/26/2025	8270E
Q3733-01	SU-04-11-26-2025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	A11	11/26/2025	8270E
Q3735-01	BU-3-112625	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	A11	11/26/2025	8270E
Q3740-01	WC1	Solid	SVOC-TCL BNA	Cool 4 deg C	GENV01	A11	11/26/2025	8270E

Date/Time 12/1/25 9:05
Raw Sample Received by: RJ (ExtLab)
Raw Sample Relinquished by: CP SM

Date/Time 12/1/25 9:20
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (ExtLab)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q3725
QUOTE NO.
COC Number 2047302

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Roman Ed G Corp.
ADDRESS: 14 Ogden St
CITY Newark STATE: NJ ZIP: 07104
ATTENTION: Sonny Puzzo
PHONE: 973-803-6113 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Robbinsville Woodwick pump Station
PROJECT NO.: 22-531 LOCATION: Robbinsville
PROJECT MANAGER: Sonny Puzzo
e-mail: engineer@romaneg.com
PHONE: 973-482-1123 FAX:

CLIENT BILLING INFORMATION

BILL TO: Roman Ed G Corp. PO#: 22-531
ADDRESS: 14 Ogden St
CITY Newark STATE: NJ ZIP: 07104
ATTENTION: Sonny Puzzo PHONE: 973-482-1123

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other _____
- ☐ EDD FORMAT _____

ANALYSIS

STEVE SJS TCL TAL TCL

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	Stock Pile Samples	S		X	11-25												
2.		S															
3.		S															
4.		S															
5.		S															
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Sonny Puzzo	11/25	1.
2. Sonny Puzzo	11/25	2.
3. Amir Shakarian	11/25 1528	3. JT

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 16.1+0=16.1 °C
Comments: _____

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other _____

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

From: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Sent: Wednesday, November 26, 2025 3:51 PM
Subject: Re: q3725

Correction, 10 day TAT for Q3725

Regards,

Jordan

Jordan Hedvat
Account Executive, Environmental Laboratories
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3144
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Sent: Wednesday, November 26, 2025 3:45 PM
To: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Sohil Jodhani <Sohil.Jodhani@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>; Nimisha Pandya <Nimisha.Pandya@alliancetg.com>
Subject: Re: q3725

This is still logged incorrect and was signed off. 3 day TAT is needed.

Regards,

Jordan

Jordan Hedvat
Account Executive, Environmental Laboratories
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3144
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Sent: Wednesday, November 26, 2025 3:23 PM
To: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Sohil Jodhani

<Sohil.Jodhani@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>; Nimisha Pandya <Nimisha.Pandya@alliancetg.com>
Subject: Re: q3725

As mentioned, this is wrong. Tests need to be NJ Res clean per client request e-mail Deepak save ROC in PM folder. Delete these tests and log correctly.

(Yazmeen's email to you yesterday writes that she does not know if this is correct since COC was blank. Deepak received ROC from client today with clarification, so we need to edit these changes on login page).

You can confirm NJ Res clean parameters, but I believe these may be them:

TCL+30/TAL
Hexavalent Cr
Trivalent Cr
Herbicide
EPH NF

Double check

Regards,

Jordan

Jordan Hedvat
Account Executive, Environmental Laboratories
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3144
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Sent: Wednesday, November 26, 2025 3:16 PM
To: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>; Sohil Jodhani <Sohil.Jodhani@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>
Subject: Re: q3725

this was logged by Yazmeen yesterday , and the Quoter she copied has the same parents test defined. just make sure whatever we do here is done correctly

Client:	Roman E&G Corp	Project:	AQUA Woolwich Pump Station 22-531
Contact:	Sonny Puzzo	Last Sample Receive Date:	11/25/2025 12:00:00 AM
ClientID/Invoice ClientID:	ROMA02/ROMA02	SignOff Date:	11/26/2025 1:04:41 PM
Project Mgr:	YAZMEEN	Sales:	Jordan
EDD:	EddType1 : EXCEL NJCLEANUP	Criteria1 : NONE	

Comment:

LabID	ClientID	Matrix	Sam
Q3725-01	STOCKPILE-SAMPLES	Solid	Nov 25 2 12:00AM
Q3725-02	STOCKPILE-SAMPLES	Solid	Nov 25 2 12:00AM
Q3725-03	EMS	AC	Nov 25 2 12:00AM

Mohammad Ahmed
Laboratory Director
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3151
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Sent: Wednesday, November 26, 2025 3:07 PM
To: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Sohil Jodhani <Sohil.Jodhani@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>
Subject: q3725

This login needs to be edited to NJ RES Clean parameters.

Regards,

Jordan

Jordan Hedvat
Account Executive, Environmental Laboratories
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3144
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

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

Alliance TECHNICAL GROUP

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3725 ROMA02
Client Name : Roman E&G Corp
Client Contact : Sonny Puzzo
Invoice Name : Roman E&G Corp
Invoice Contact : Sonny Puzzo

Order Date : 11/25/2025 4:38:51 PM
Project Name : AQUA Woolwich Pump Sta
Receive DateTime : 11/25/2025 3:28:00 PM
Purchase Order :

Project Mgr : Deepak
Report Type : Level 1
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff : 11/26/2025 1:04:41 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3725-04	STOCKPILE-SAMPLES	Solid	11/25/2025	12:00					
					/OCGCMS NJ CleanGroupNJCleanup Test New		8260D		10 Bus. Days

Relinguished By : _____
Date / Time : 11/28/25 1000

Received By : _____
Date / Time : 11/26/25 12:45
Storage Area : **VOA Refridgerator Room**