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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:	Q3341	**OrderDate:**	10/14/2025 12:11:00 PM
Client:	Kleinfelder	**Project:**	Webster School
Contact:	Mark Warchol	**Location:**	J12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3341-01	**C-1**	**SOIL**			**10/13/25**			**10/14/25**
			SVOCMS Group1	8270E		10/15/25	10/15/25	
Q3341-02	**C-2**	**SOIL**			**10/13/25**			**10/14/25**
			SVOCMS Group1	8270E		10/15/25	10/15/25	
Q3341-03	**C-3**	**SOIL**			**10/13/25**			**10/14/25**
			SVOCMS Group1	8270E		10/15/25	10/15/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3341

Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C-1								
Q3341-01	C-1	SOIL	Phenanthrene	87.100	J	26.4	220	ug/Kg
Q3341-01	C-1	SOIL	Pyrene	110.000	J	45.5	220	ug/Kg
Q3341-01	C-1	SOIL	Benzo(b)fluoranthene	90.400	J	24	220	ug/Kg
			Total Svoc :	**287.50**				
			Total Concentration:	**287.50**				
Client ID : C-2								
Q3341-02	C-2	SOIL	Pyrene	130.000	J	43.5	210	ug/Kg
			Total Svoc :	**130.00**				
			Total Concentration:	**130.00**				

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3341

Client: Kleinfelder

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170106BL	PB170106BL	Nitrobenzene-d5	100	94.4	94		18	107
		2-Fluorobiphenyl	100	82.2	82		20	109
		Terphenyl-d14	100	98.5	99		10	105
PB170106BS	PB170106BS	Nitrobenzene-d5	100	86.0	86		18	107
		2-Fluorobiphenyl	100	76.4	76		20	109
		Terphenyl-d14	100	94.6	95		10	105
Q3337-01MS	LAYDOWN-YARD-1MS	Nitrobenzene-d5	100	51.2	51		18	107
		2-Fluorobiphenyl	100	52.1	52		20	109
		Terphenyl-d14	100	40.0	40		10	105
Q3337-01MSD	LAYDOWN-YARD-1MSD	Nitrobenzene-d5	100	52.9	53		18	107
		2-Fluorobiphenyl	100	52.7	53		20	109
		Terphenyl-d14	100	43.5	44		10	105
Q3341-01	C-1	Nitrobenzene-d5	100	62.5	63		18	107
		2-Fluorobiphenyl	100	57.8	58		20	109
		Terphenyl-d14	100	64.7	65		10	105
Q3341-02	C-2	Nitrobenzene-d5	100	62.3	62		18	107
		2-Fluorobiphenyl	100	57.6	58		20	109
		Terphenyl-d14	100	63.2	63		10	105
Q3341-03	C-3	Nitrobenzene-d5	100	55.8	56		18	107
		2-Fluorobiphenyl	100	51.5	52		20	109
		Terphenyl-d14	100	59.1	59		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3341 **Analytical Method:** SW8270E

Client: Kleinfelder **DataFile:** BF143968.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3337-01MS		**Client Sample ID: LAYDOWN-YARD-1MS**									
Isophorone	1200	0	800	ug/Kg	67				49	127	
Naphthalene	1200	0	800	ug/Kg	67				51	121	
Fluorene	1200	0	840	ug/Kg	70				53	118	
Phenanthrene	1200	180	960	ug/Kg	65				52	128	
Anthracene	1200	0	860	ug/Kg	72				62	124	
Pyrene	1200	180	880	ug/Kg	58				37	122	
Benzo(a)anthracene	1200	120	930	ug/Kg	68				53	119	
Chrysene	1200	110	890	ug/Kg	65				57	121	
Benzo(b)fluoranthene	1200	140	1000	ug/Kg	72				52	117	
Benzo(a)pyrene	1200	100	940	ug/Kg	70				70	142	
Benzo(g,h,i)perylene	1200	0	720	ug/Kg	60				24	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3341 **Analytical Method:** SW8270E

Client: Kleinfelder **DataFile:** BF143969.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3337-01MSD		**Client Sample ID: LAYDOWN-YARD-1MSD**									
Isophorone	1100	0	810	ug/Kg	74		10		49	127	20
Naphthalene	1100	0	820	ug/Kg	75		11		51	121	20
Fluorene	1100	0	860	ug/Kg	78		11		53	118	20
Phenanthrene	1100	180	980	ug/Kg	73		12		52	128	20
Anthracene	1100	0	890	ug/Kg	81		12		62	124	20
Pyrene	1100	180	950	ug/Kg	70		19		37	122	20
Benzo(a)anthracene	1100	120	880	ug/Kg	69		1		53	119	20
Chrysene	1100	110	890	ug/Kg	71		9		57	121	20
Benzo(b)fluoranthene	1100	140	980	ug/Kg	76		5		52	117	20
Benzo(a)pyrene	1100	100	910	ug/Kg	74		6		70	142	20
Benzo(g,h,i)perylene	1100	0	760	ug/Kg	69		14		24	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3341 **Analytical Method:** 8270E

Client: Kleinfelder **DataFile:** BF143956.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170106BS	Isophorone	1700	1400	ug/Kg	82				59	99	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170106BL

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q3341

Lab File ID: BF143955.D | Lab Sample ID: PB170106BL

Instrument ID: BNA_F | Date Extracted: 10/15/2025

Matrix: (soil/water) SOIL | Date Analyzed: 10/15/2025

Level: (low/med) LOW | Time Analyzed: 16:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170106BS	PB170106BS	BF143956.D	10/15/2025
C-1	Q3341-01	BF143958.D	10/15/2025
C-2	Q3341-02	BF143959.D	10/15/2025
LAYDOWN-YARD-1MS	Q3337-01MS	BF143968.D	10/15/2025
LAYDOWN-YARD-1MSD	Q3337-01MSD	BF143969.D	10/15/2025
C-3	Q3341-03	BF143960.D	10/15/2025

COMMENTS:

Raw Data: **BF143874.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q3341

Lab File ID: BF143874.D DFTPP Injection Date: 10/06/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	24
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.9
365	Greater than 1% of mass 198	3.1
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	19.6 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143875.D	10/06/2025	09:59
SSTDICC005	SSTDICC005	BF143876.D	10/06/2025	10:28
SSTDICC010	SSTDICC010	BF143877.D	10/06/2025	10:57
SSTDICC020	SSTDICC020	BF143878.D	10/06/2025	11:56
SSTDICCC040	SSTDICCC040	BF143879.D	10/06/2025	12:54
SSTDICC050	SSTDICC050	BF143880.D	10/06/2025	13:23
SSTDICC060	SSTDICC060	BF143881.D	10/06/2025	13:53
SSTDICC080	SSTDICC080	BF143882.D	10/06/2025	14:22

Raw Data: **BF143950.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q3341

Lab File ID: BF143950.D DFTPP Injection Date: 10/15/2025

Instrument ID: BNA_F DFTPP Injection Time: 14:04

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	23.2
70	Less than 2.0% of mass 69	0.1 (0.5) 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	4.7
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	16.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.9 (18.9) 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	BF143951.D	10/15/2025	14:33
PB170106BL	PB170106BL	BF143955.D	10/15/2025	16:29
PB170106BS	PB170106BS	BF143956.D	10/15/2025	16:59
C-1	Q3341-01	BF143958.D	10/15/2025	17:57
C-2	Q3341-02	BF143959.D	10/15/2025	18:26
C-3	Q3341-03	BF143960.D	10/15/2025	18:56
LAYDOWN-YARD-1MS	Q3337-01MS	BF143968.D	10/15/2025	22:49
LAYDOWN-YARD-1MSD	Q3337-01MSD	BF143969.D	10/15/2025	23:18

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3341

Client ID : SSTDCCC040 Date Analyzed: 10/15/2025

Lab File ID: BF143951.D Time Analyzed: 14:33

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	133330	6.881	482185	8.17	244444	9.92
	UPPER LIMIT	266660	7.381	964370	8.669	488888	10.422
	LOWER LIMIT	66665	6.381	241093	7.669	122222	9.422
	EPA SAMPLE NO.						
01	LAYDOWN-YARD-1MS	181566	6.88	654257	8.17	308543	9.92
02	LAYDOWN-YARD-1MSD	162049	6.88	562605	8.17	257454	9.93
03	PB170106BL	127400	6.88	500628	8.16	280346	9.92
04	PB170106BS	118178	6.88	460406	8.16	251791	9.92
05	C-1	106992	6.88	421767	8.16	230177	9.92
06	C-2	102022	6.88	410764	8.16	225605	9.92
07	C-3	109785	6.88	433602	8.16	242042	9.92

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.: Q3341

Client ID: SSTDCCC040 Date Analyzed: 10/15/2025

Lab File ID: BF143951.D Time Analyzed: 14:33

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	412442	11.416	218845	14.063	232657	15.545
	UPPER LIMIT	824884	11.916	437690	14.563	465314	16.045
	LOWER LIMIT	206221	10.916	109423	13.563	116329	15.045
	EPA SAMPLE NO.						
01	LAYDOWN-YARD-1MS	474955	11.42	360258	14.07	304346	15.56
02	LAYDOWN-YARD-1MSD	441424	11.42	330283	14.07	265166	15.56
03	PB170106BL	489929	11.41	295321	14.06	261371	15.55
04	PB170106BS	429108	11.42	245664	14.06	238733	15.55
05	C-1	393715	11.41	214780	14.06	212779	15.55
06	C-2	391764	11.41	223504	14.06	212880	15.54
07	C-3	411308	11.41	221618	14.06	220263	15.54

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: **BF143958.D**

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Report of Analysis

Client:	Kleinfelder			Date Collected:	10/13/25
Project:	Webster School			Date Received:	10/14/25
Client Sample ID:	C-1			SDG No.:	Q3341
Lab Sample ID:	Q3341-01			Matrix:	SOIL
Analytical Method:	8270E	Level :	LOW	% Solid:	78.9
Sample Wt/Vol:	30.06 g	Final Vol:	1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541	Prep Date:	10/15/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
78-59-1	Isophorone	41.5	U	1	41.5	220	ug/Kg	10/15/25 17:57	PB170106
91-20-3	Naphthalene	28.7	U	1	28.7	220	ug/Kg	10/15/25 17:57	PB170106
86-73-7	Fluorene	32.0	U	1	32.0	220	ug/Kg	10/15/25 17:57	PB170106
85-01-8	Phenanthrene	87.1	J	1	26.4	220	ug/Kg	10/15/25 17:57	PB170106
120-12-7	Anthracene	42.1	U	1	42.1	220	ug/Kg	10/15/25 17:57	PB170106
129-00-0	Pyrene	110	J	1	45.5	220	ug/Kg	10/15/25 17:57	PB170106
56-55-3	Benzo(a)anthracene	29.1	U	1	29.1	220	ug/Kg	10/15/25 17:57	PB170106
218-01-9	Chrysene	25.2	U	1	25.2	220	ug/Kg	10/15/25 17:57	PB170106
205-99-2	Benzo(b)fluoranthene	90.4	J	1	24.0	220	ug/Kg	10/15/25 17:57	PB170106
50-32-8	Benzo(a)pyrene	37.3	U	1	37.3	220	ug/Kg	10/15/25 17:57	PB170106
191-24-2	Benzo(g,h,i)perylene	32.5	U	1	32.5	220	ug/Kg	10/15/25 17:57	PB170106
SURROGATES									
4165-60-0	Nitrobenzene-d5	62.5			18 - 107	63%	SPK: 100		
321-60-8	2-Fluorobiphenyl	57.8			20 - 109	58%	SPK: 100		
1718-51-0	Terphenyl-d14	64.7			10 - 105	65%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	107000							
1146-65-2	Naphthalene-d8	422000							
15067-26-2	Acenaphthene-d10	230000							
1517-22-2	Phenanthrene-d10	394000							
1719-03-5	Chrysene-d12	215000							
1520-96-3	Perylene-d12	213000							

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: **BF143958.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143958.D
Acq On : 15 Oct 2025 17:57
Operator : RC/JU
Sample : Q3341-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 16 11:10:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
C-1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	106992	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	421767	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	230177	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	393715	20.00	ng	0.00
76) Chrysene-d12	14.057	240	214780	20.00	ng	-0.01
86) Perylene-d12	15.545	264	212779	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	586681	87.08	ng	0.00
7) Phenol-d6	6.498	99	708531	88.23	ng	-0.02
23) Nitrobenzene-d5	7.440	82	434169	62.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	193256	84.30	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	837918	57.76	ng	-0.01
79) Terphenyl-d14	13.004	244	812538	64.66	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	39438	2.07	ng	99
75) Fluoranthene	12.627	202	55989	2.84	ng	98
78) Pyrene	12.857	202	44998	2.51	ng	99
88) Benzo(b)fluoranthene	15.110	252	26189m	2.14	ng	

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

Sample Results: **BF143958.D**

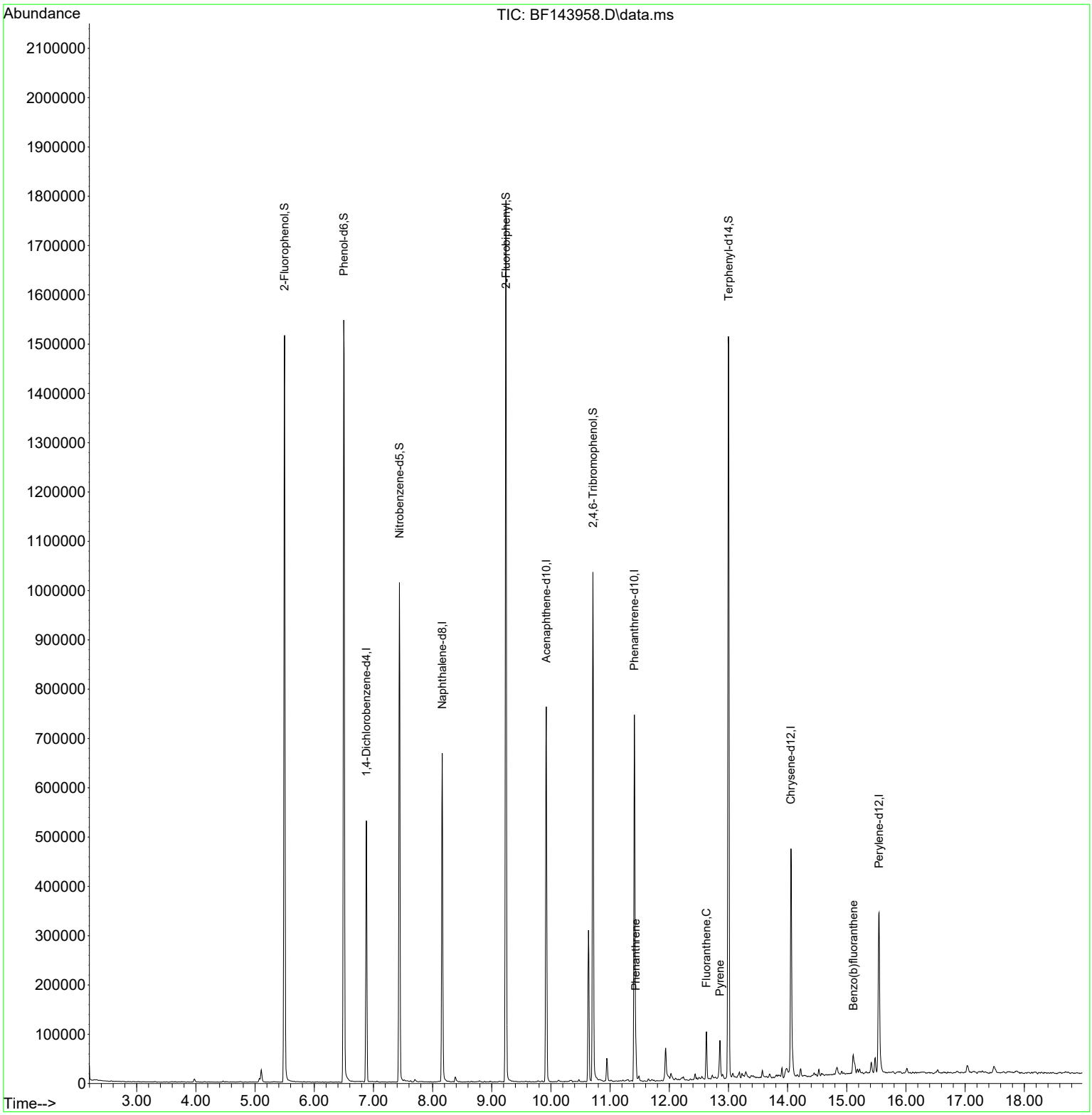
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143958.D
Acq On : 15 Oct 2025 17:57
Operator : RC/JU
Sample : Q3341-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

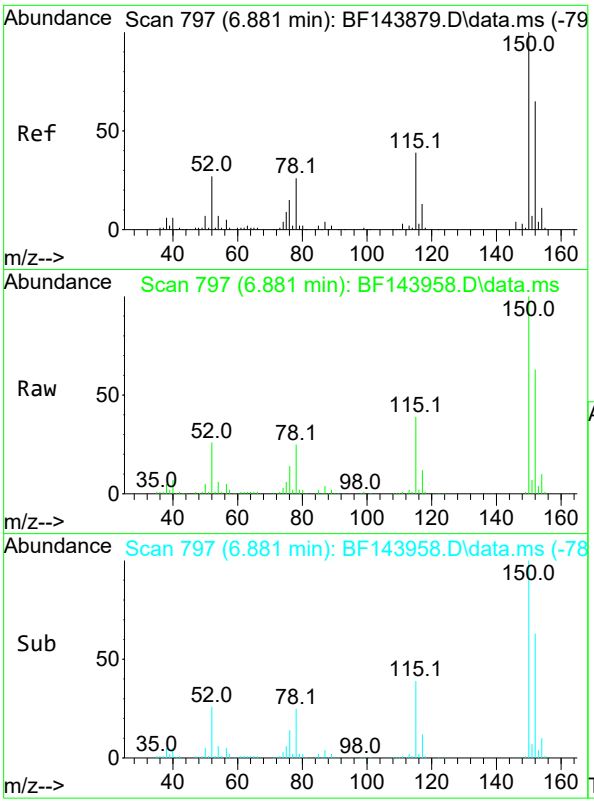
Quant Time: Oct 16 11:10:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
C-1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

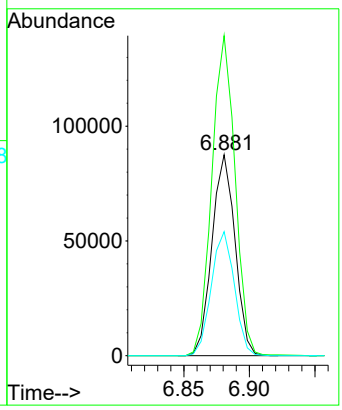




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF143958.D
Acq: 15 Oct 2025 17:57

Tgt Ion:152 Resp: 10699

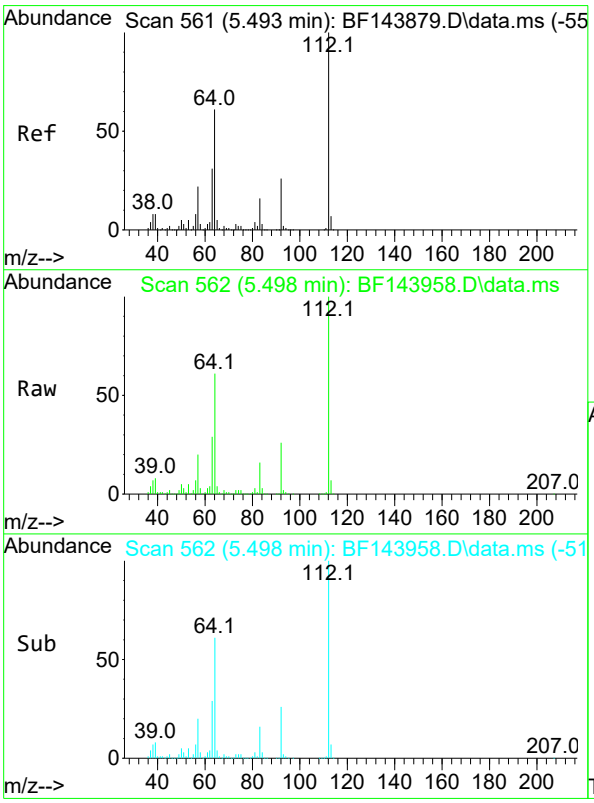
Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.4	186.6
115	61.7	48.1	72.1



Instrument :
BNA_F
ClientSampleId :
C-1

Manual Integrations
APPROVED

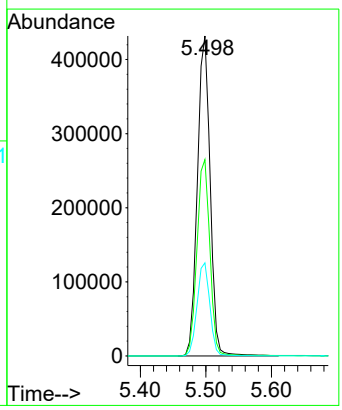
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

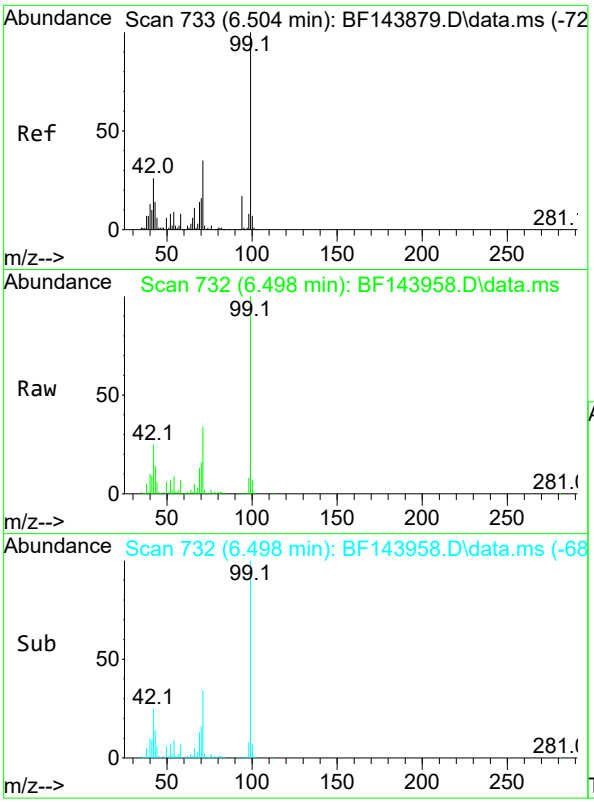


#5
2-Fluorophenol
Concen: 87.08 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF143958.D
Acq: 15 Oct 2025 17:57

Tgt Ion:112 Resp: 586681

Ion	Ratio	Lower	Upper
112	100		
64	61.4	49.1	73.7
63	29.1	24.5	36.7

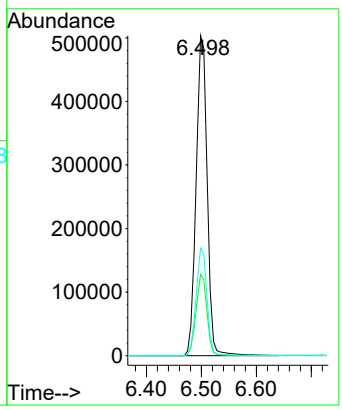




#7
Phenol-d6
Concen: 88.23 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143958.D
Acq: 15 Oct 2025 17:57

Tgt Ion: 99 Resp: 70853

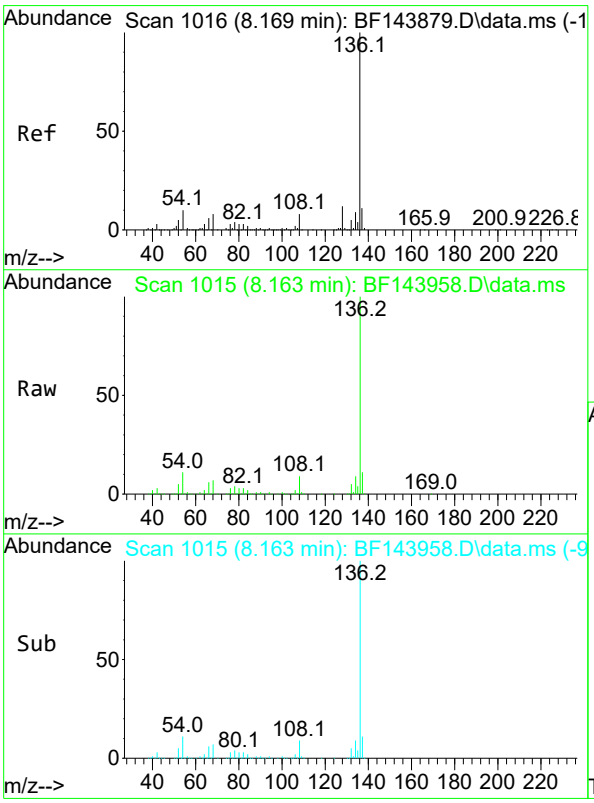
Ion	Ratio	Lower	Upper
99	100		
42	25.4	21.0	31.4
71	33.7	27.8	41.8



Instrument :
BNA_F
ClientSampleId :
C-1

Manual Integrations
APPROVED

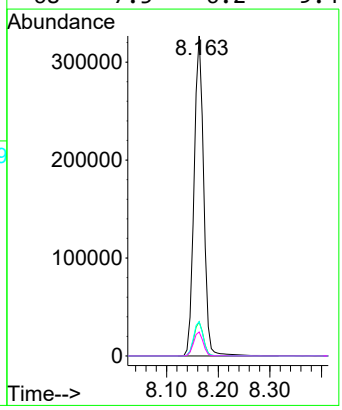
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

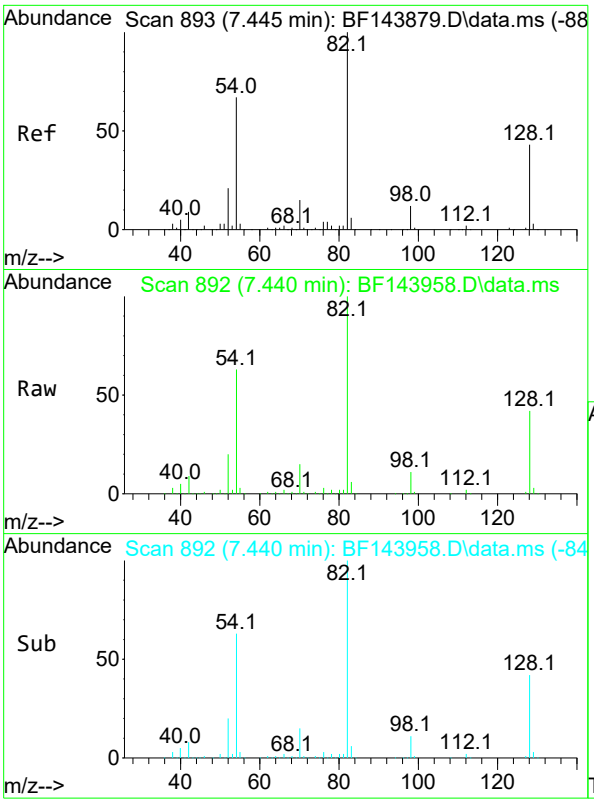


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143958.D
Acq: 15 Oct 2025 17:57

Tgt Ion:136 Resp: 421767

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.8	8.2	12.4
68	7.5	6.2	9.4

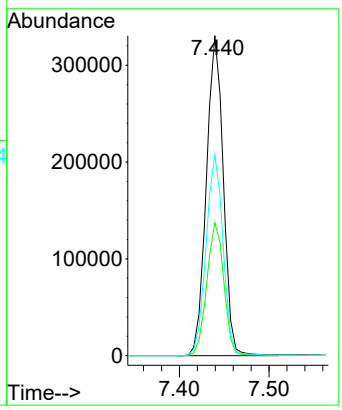




#23
Nitrobenzene-d5
Concen: 62.54 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143958.D
Acq: 15 Oct 2025 17:57

Tgt Ion: 82 Resp: 43416

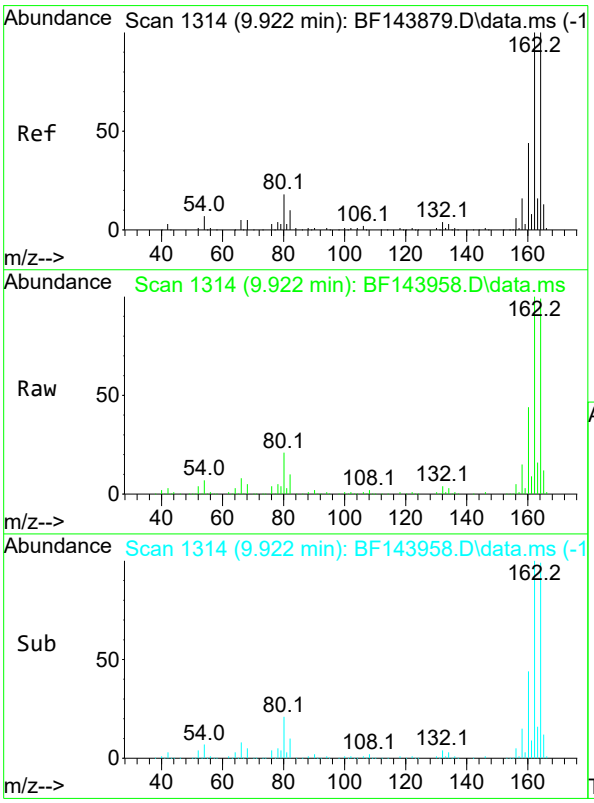
Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.0	51.0
54	62.7	53.2	79.8



Instrument :
BNA_F
ClientSampleId :
C-1

Manual Integrations
APPROVED

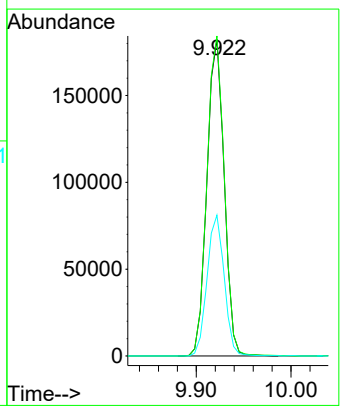
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

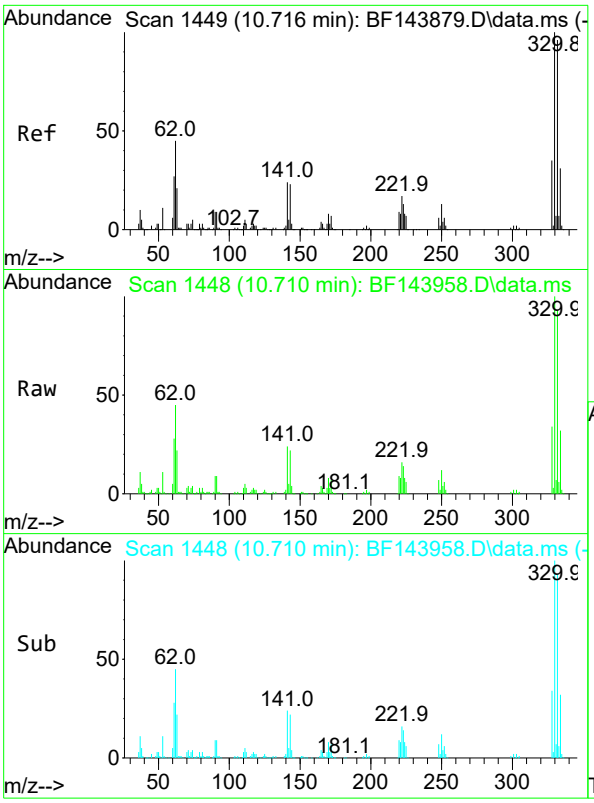


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143958.D
Acq: 15 Oct 2025 17:57

Tgt Ion:164 Resp: 230177

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	44.5	35.4	53.0

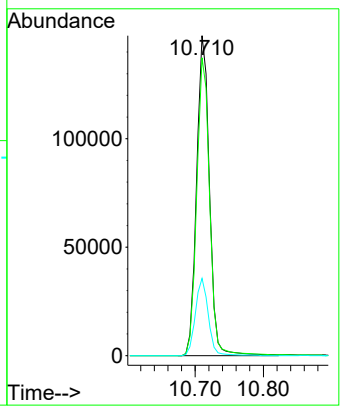




#42
2,4,6-Tribromophenol
Concen: 84.30 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143958.D
Acq: 15 Oct 2025 17:57

Tgt Ion:330 Resp: 19325(

Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.9	115.3
141	24.4	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
C-1

Manual Integrations
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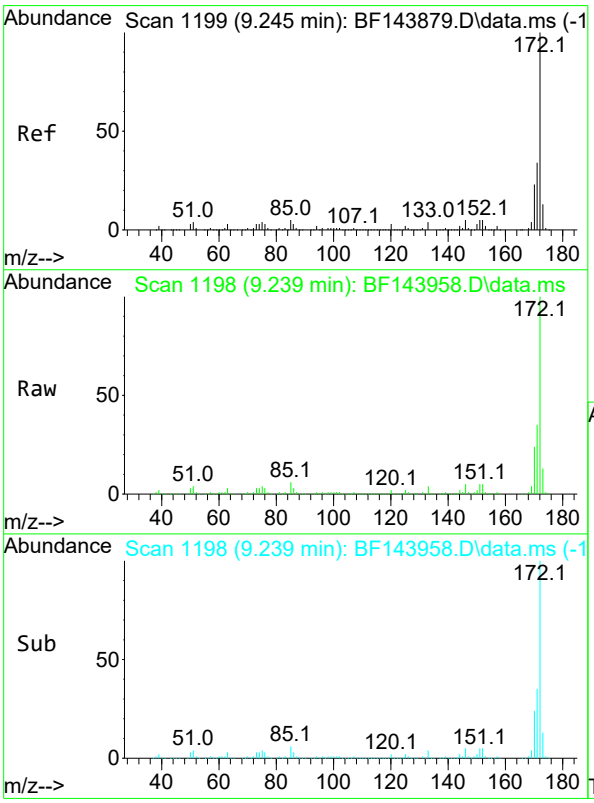
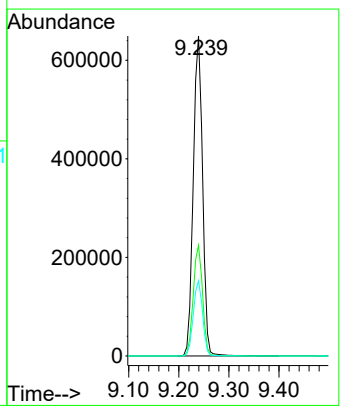
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

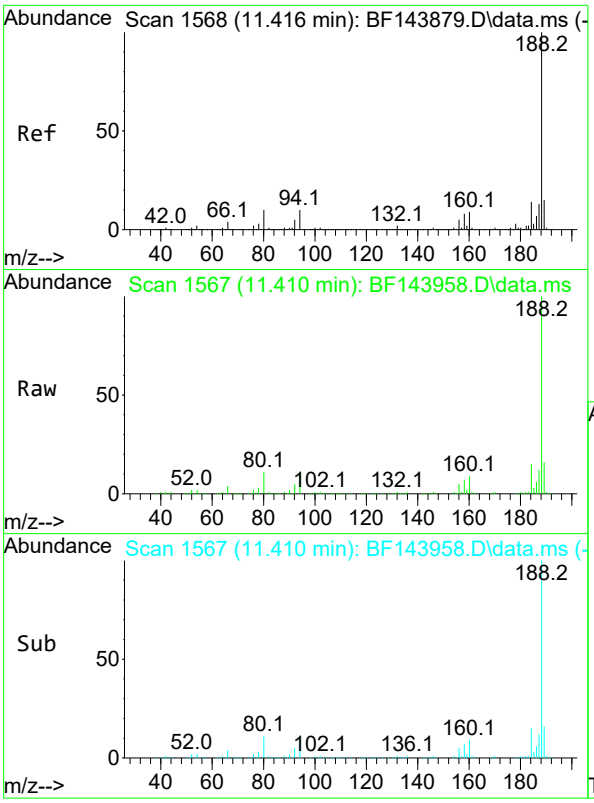


#45
2-Fluorobiphenyl
Concen: 57.76 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143958.D
Acq: 15 Oct 2025 17:57

Tgt Ion:172 Resp: 837918

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.0
170	23.5	18.6	28.0

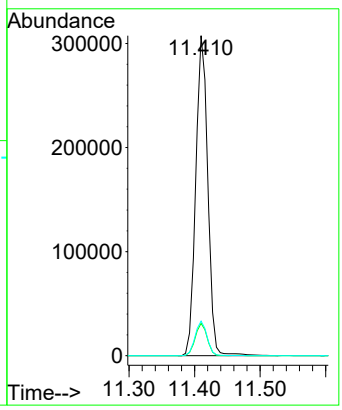




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143958.D
Acq: 15 Oct 2025 17:57

Tgt Ion:188 Resp: 39371

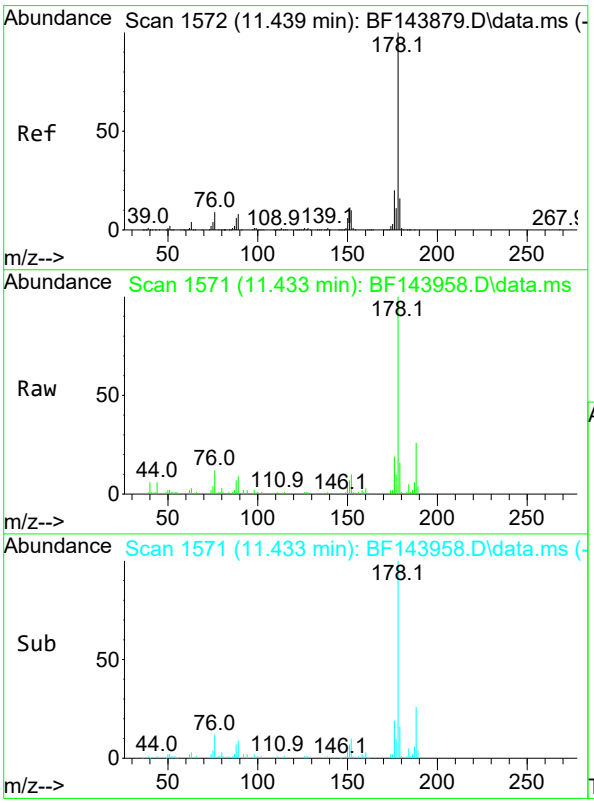
Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	10.8	7.9	11.9



Instrument :
BNA_F
ClientSampleId :
C-1

Manual Integrations
APPROVED

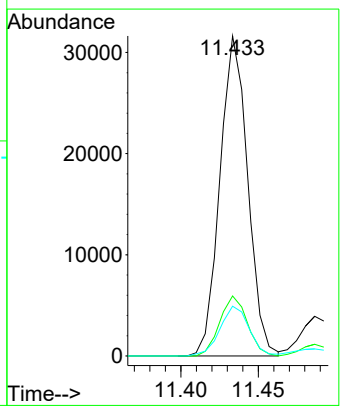
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

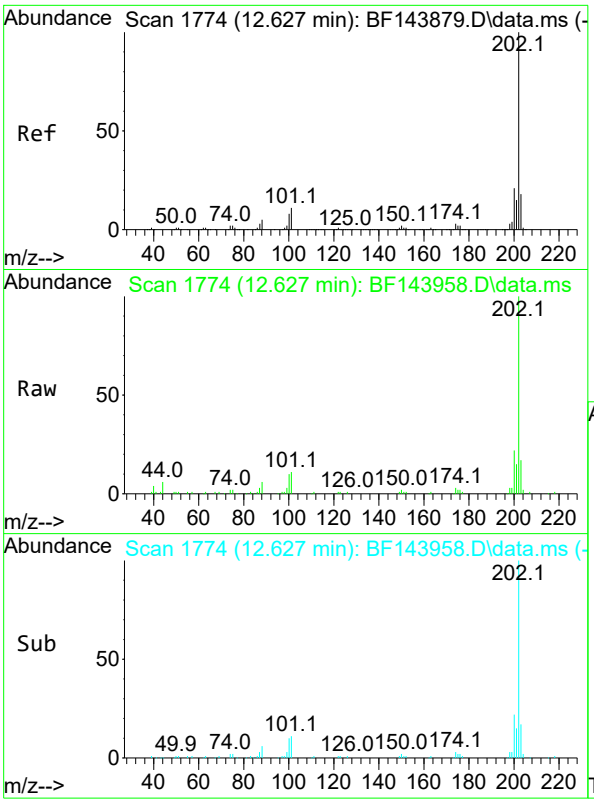


#71
Phenanthrene
Concen: 2.07 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF143958.D
Acq: 15 Oct 2025 17:57

Tgt Ion:178 Resp: 39438

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	15.5	12.4	18.6

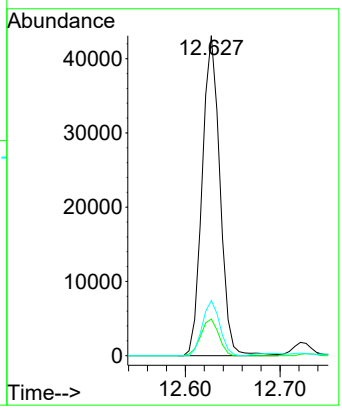




#75
Fluoranthene
Concen: 2.84 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143958.D
Acq: 15 Oct 2025 17:57

Tgt Ion:202 Resp: 5598

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.7
203	17.2	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
C-1

Manual Integrations
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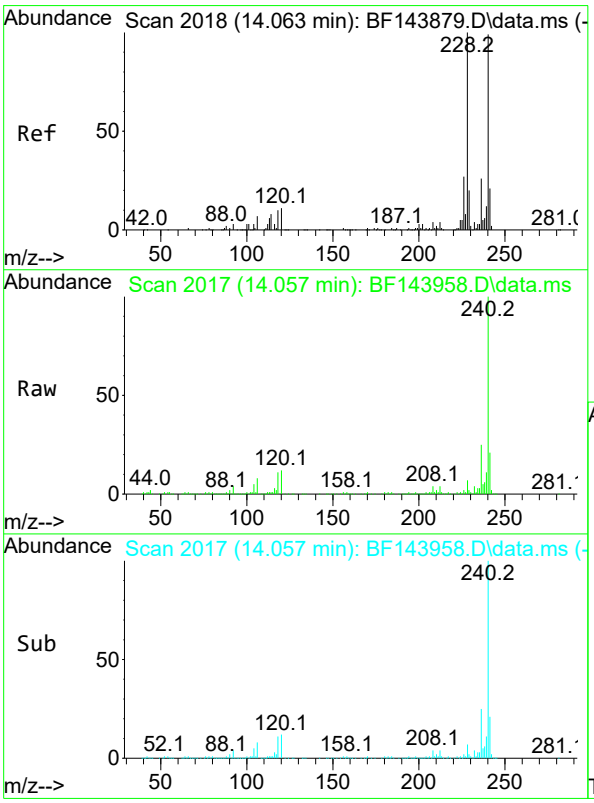
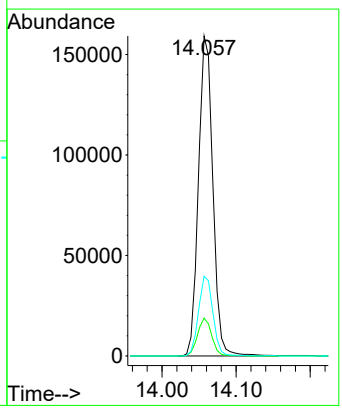
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

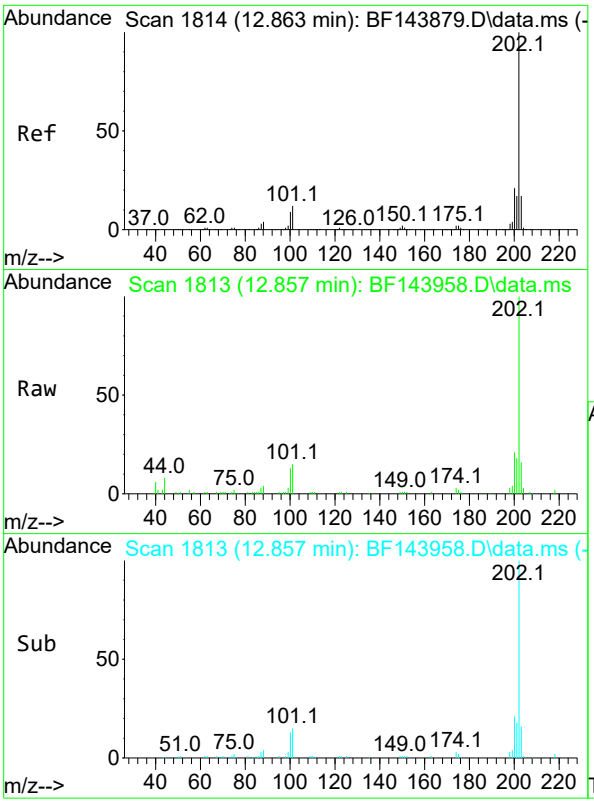


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143958.D
Acq: 15 Oct 2025 17:57

Tgt Ion:240 Resp: 214780

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.6	13.0
236	24.9	21.1	31.7

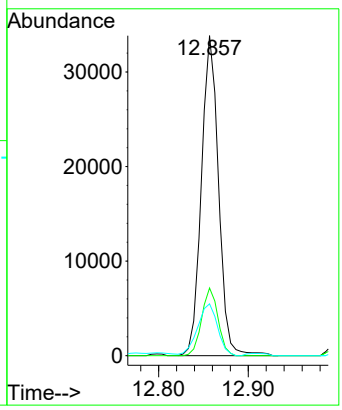




#78
Pyrene
Concen: 2.51 ng
RT: 12.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143958.D
Acq: 15 Oct 2025 17:57

Tgt Ion:202 Resp: 4499

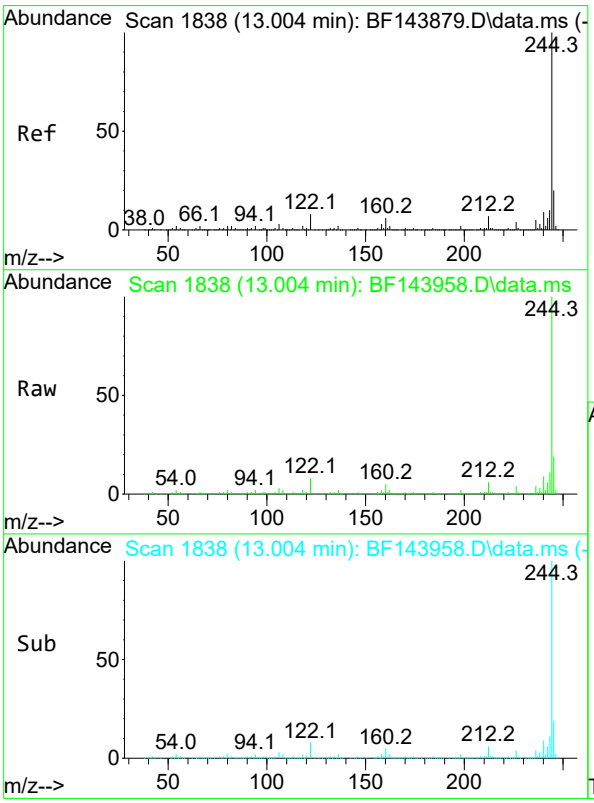
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	16.2	13.8	20.6



Instrument :
BNA_F
ClientSampleId :
C-1

Manual Integrations
APPROVED

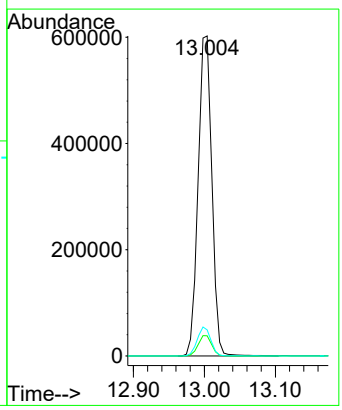
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

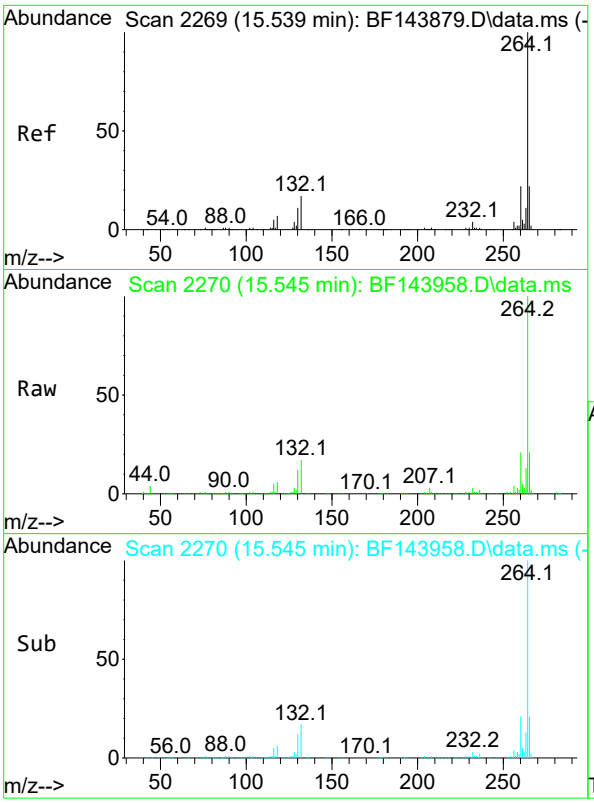


#79
Terphenyl-d14
Concen: 64.66 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143958.D
Acq: 15 Oct 2025 17:57

Tgt Ion:244 Resp: 812538

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.1	6.4	9.6

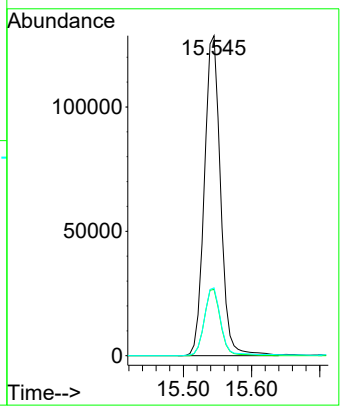




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143958.D
Acq: 15 Oct 2025 17:57

Tgt Ion:264 Resp: 21277

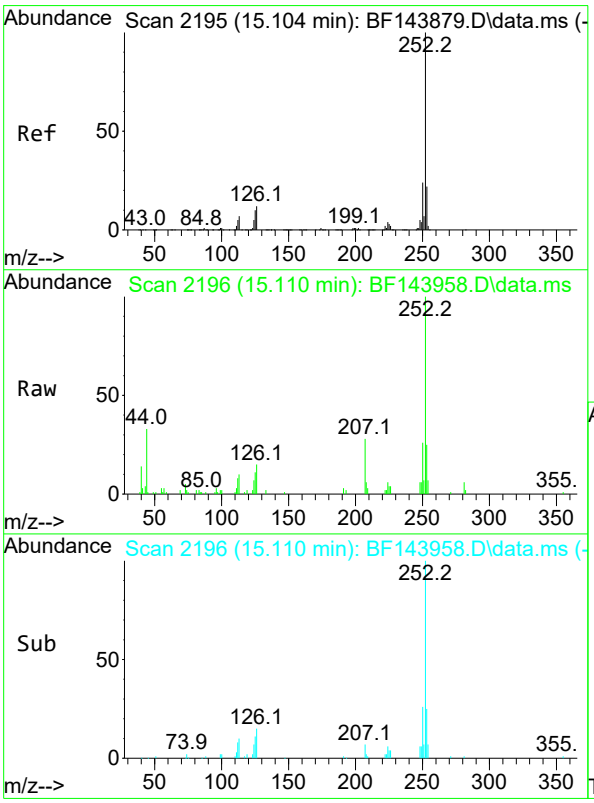
Ion	Ratio	Lower	Upper
264	100		
260	20.7	17.8	26.8
265	21.2	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
C-1

Manual Integrations
APPROVED

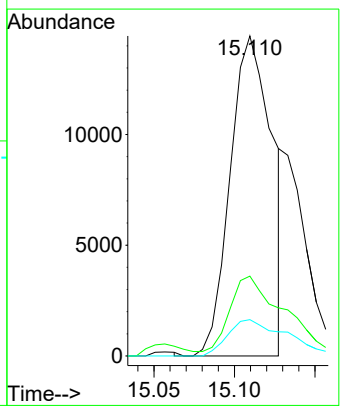
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#88
Benzo(b)fluoranthene
Concen: 2.14 ng m
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143958.D
Acq: 15 Oct 2025 17:57

Tgt Ion:252 Resp: 26189

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.2
125	11.4	7.8	11.6



Raw Data: **BF143959.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	10/13/25
Project:	Webster School			Date Received:	10/14/25
Client Sample ID:	C-2			SDG No.:	Q3341
Lab Sample ID:	Q3341-02			Matrix:	SOIL
Analytical Method:	8270E	Level :	LOW	% Solid:	82.7
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541	Prep Date:	10/15/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
78-59-1	Isophorone	39.6	U	1	39.6	210	ug/Kg	10/15/25 18:26	PB170106
91-20-3	Naphthalene	27.4	U	1	27.4	210	ug/Kg	10/15/25 18:26	PB170106
86-73-7	Fluorene	30.6	U	1	30.6	210	ug/Kg	10/15/25 18:26	PB170106
85-01-8	Phenanthrene	25.2	U	1	25.2	210	ug/Kg	10/15/25 18:26	PB170106
120-12-7	Anthracene	40.2	U	1	40.2	210	ug/Kg	10/15/25 18:26	PB170106
129-00-0	Pyrene	130	J	1	43.5	210	ug/Kg	10/15/25 18:26	PB170106
56-55-3	Benzo(a)anthracene	27.8	U	1	27.8	210	ug/Kg	10/15/25 18:26	PB170106
218-01-9	Chrysene	24.0	U	1	24.0	210	ug/Kg	10/15/25 18:26	PB170106
205-99-2	Benzo(b)fluoranthene	23.0	U	1	23.0	210	ug/Kg	10/15/25 18:26	PB170106
50-32-8	Benzo(a)pyrene	35.6	U	1	35.6	210	ug/Kg	10/15/25 18:26	PB170106
191-24-2	Benzo(g,h,i)perylene	31.0	U	1	31.0	210	ug/Kg	10/15/25 18:26	PB170106
SURROGATES									
4165-60-0	Nitrobenzene-d5	62.3			18 - 107	62%	SPK: 100		
321-60-8	2-Fluorobiphenyl	57.6			20 - 109	58%	SPK: 100		
1718-51-0	Terphenyl-d14	63.2			10 - 105	63%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	102000							
1146-65-2	Naphthalene-d8	411000							
15067-26-2	Acenaphthene-d10	226000							
1517-22-2	Phenanthrene-d10	392000							
1719-03-5	Chrysene-d12	224000							
1520-96-3	Perylene-d12	213000							

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\BF101525\
Data File : BF143959.D
Acq On : 15 Oct 2025 18:26
Operator : RC/JU
Sample : Q3341-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-2

Quant Time: Oct 16 11:10:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

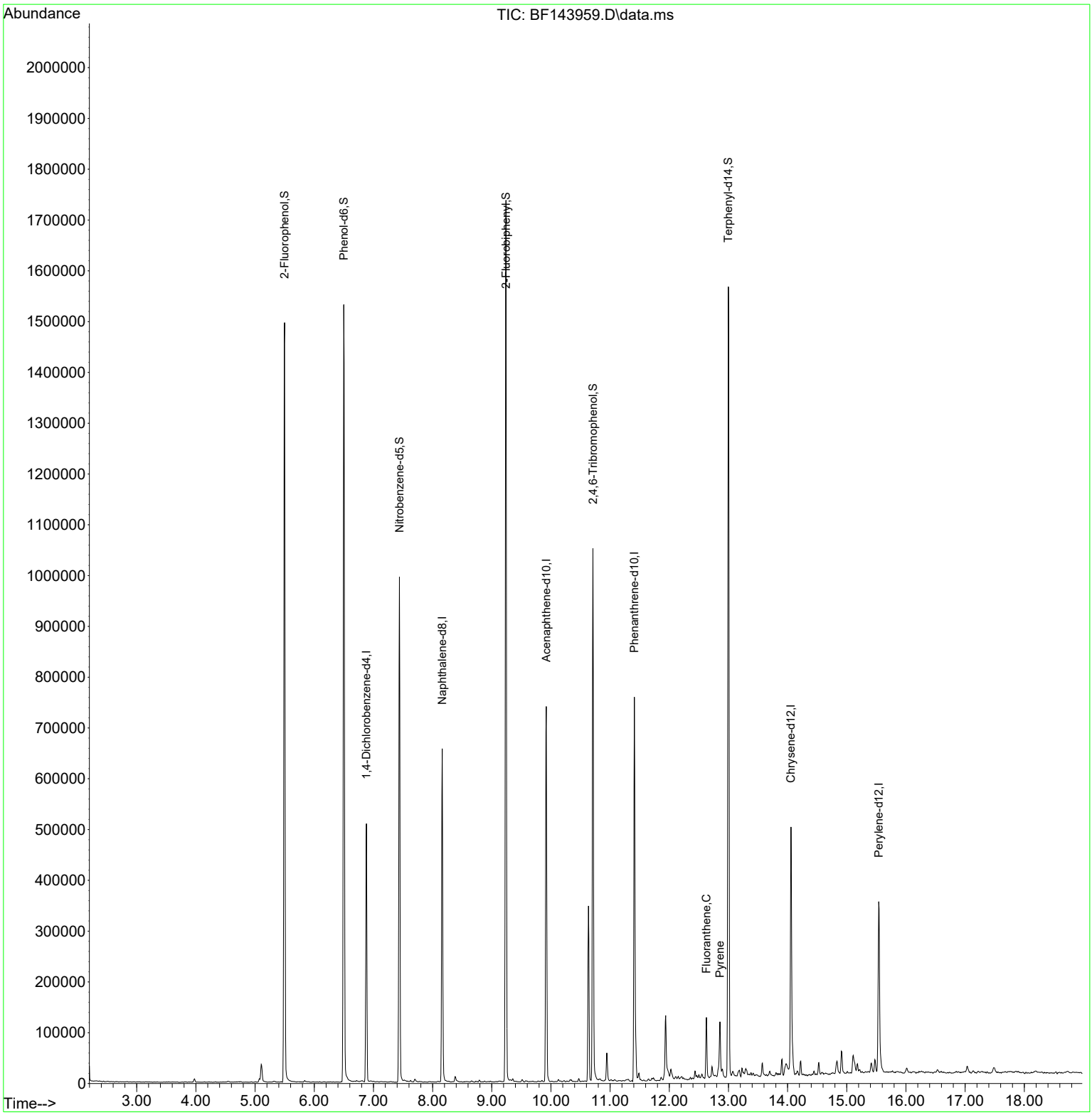
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	102022	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	410764	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	225605	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	391764	20.00	ng	0.00
76) Chrysene-d12	14.057	240	223504	20.00	ng	-0.01
86) Perylene-d12	15.539	264	212880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	582691	90.70	ng	0.00
7) Phenol-d6	6.498	99	695069	90.77	ng	-0.02
23) Nitrobenzene-d5	7.440	82	421144	62.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	192158	85.51	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	819494	57.64	ng	-0.01
79) Terphenyl-d14	12.998	244	825981	63.16	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.628	202	67089	3.42	ng	95
78) Pyrene	12.857	202	62273	3.34	ng	99

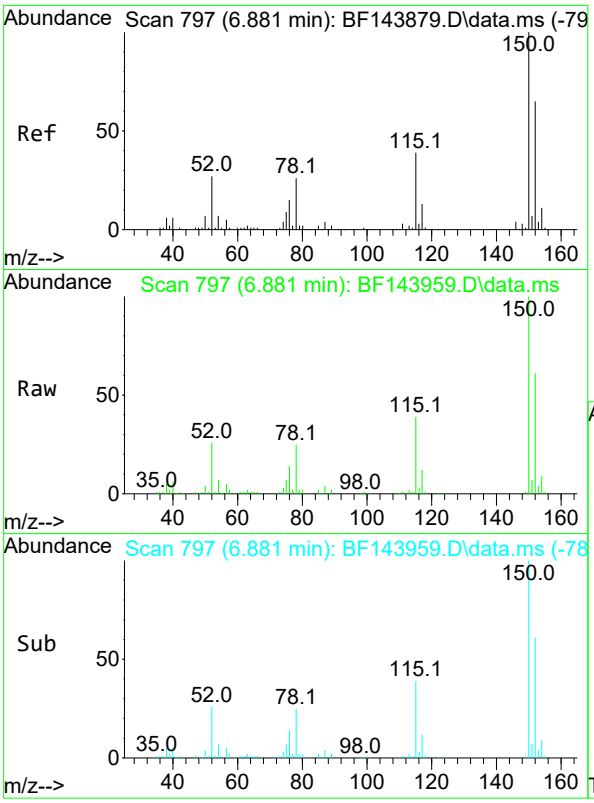
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143959.D
Acq On : 15 Oct 2025 18:26
Operator : RC/JU
Sample : Q3341-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-2

Quant Time: Oct 16 11:10:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



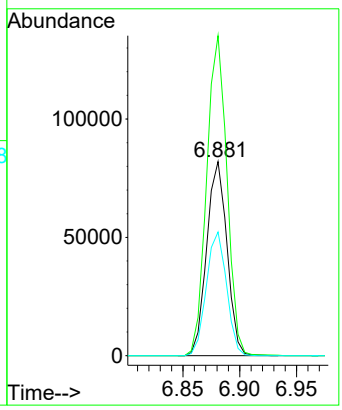


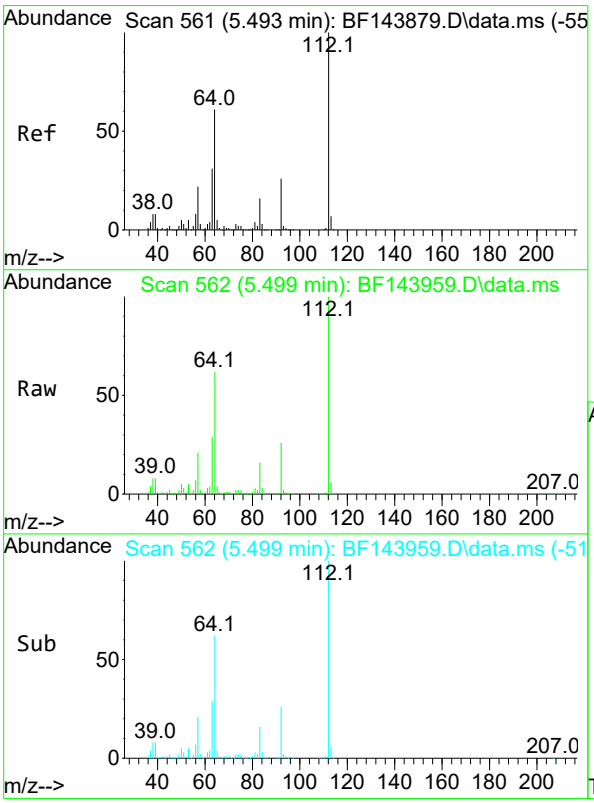
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF143959.D
Acq: 15 Oct 2025 18:26

Instrument :
BNA_F
ClientSampleId :
C-2

Tgt Ion:152 Resp: 102022

Ion	Ratio	Lower	Upper
152	100		
150	164.8	124.4	186.6
115	63.7	48.1	72.1

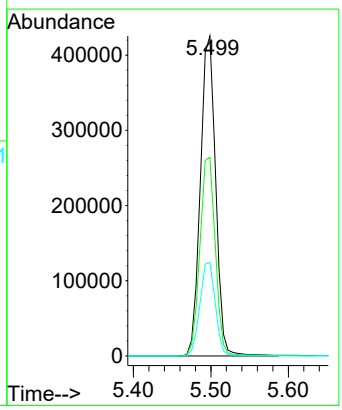


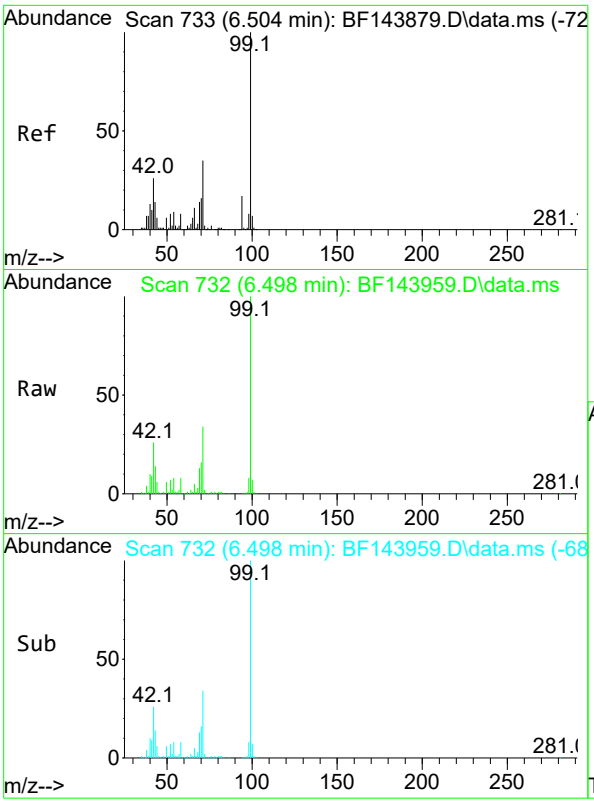


#5
2-Fluorophenol
Concen: 90.70 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF143959.D
Acq: 15 Oct 2025 18:26

Tgt Ion:112 Resp: 582691

Ion	Ratio	Lower	Upper
112	100		
64	62.0	49.1	73.7
63	29.3	24.5	36.7



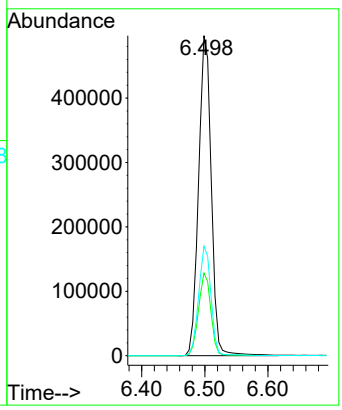


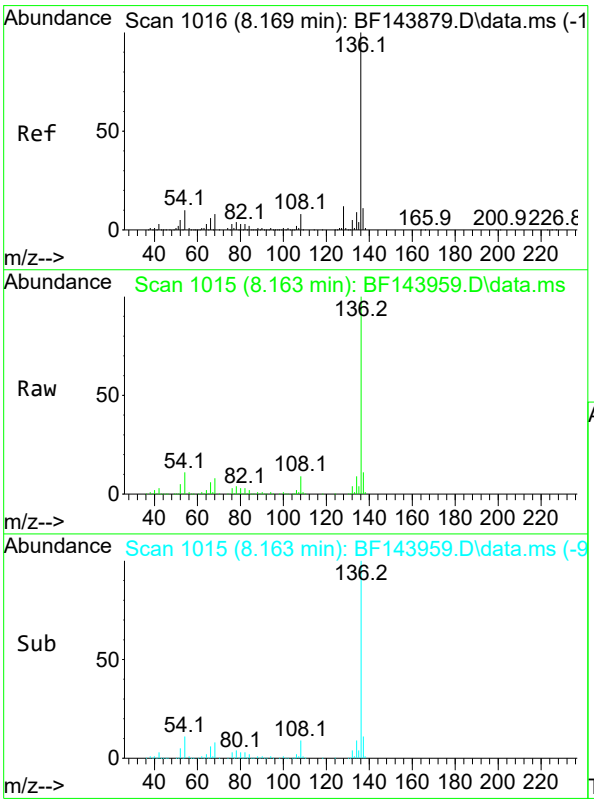
#7
Phenol-d6
Concen: 90.77 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF143959.D
Acq: 15 Oct 2025 18:26

Instrument :
BNA_F
ClientSampleId :
C-2

Tgt Ion: 99 Resp: 695069

Ion	Ratio	Lower	Upper
99	100		
42	25.8	21.0	31.4
71	34.2	27.8	41.8

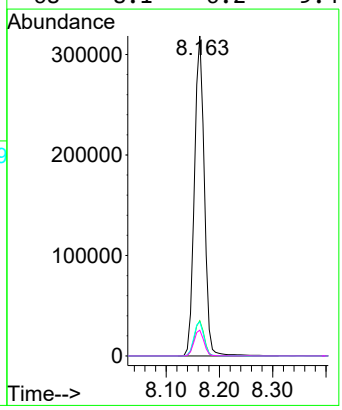


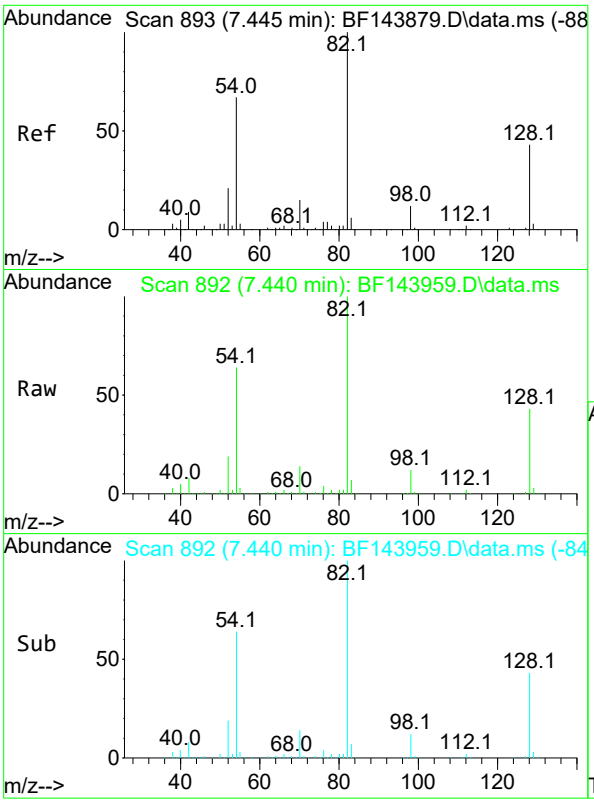


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143959.D
Acq: 15 Oct 2025 18:26

Tgt Ion:136 Resp: 410764

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.7	8.2	12.4
68	8.1	6.2	9.4



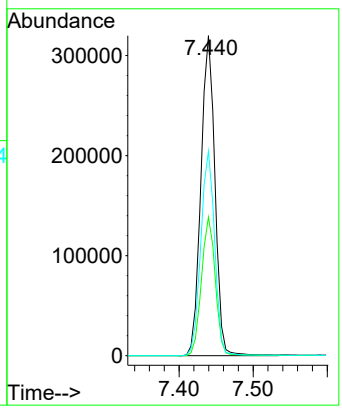


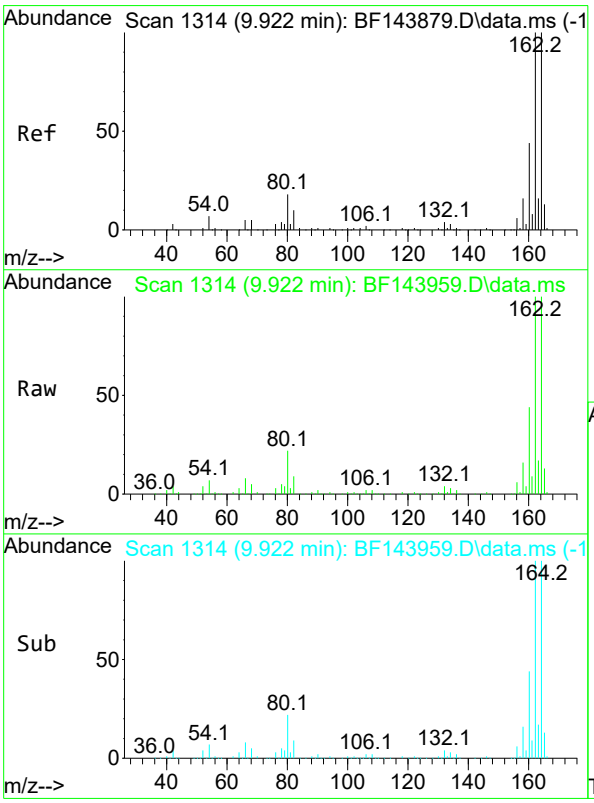
#23
Nitrobenzene-d5
Concen: 62.29 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF143959.D
Acq: 15 Oct 2025 18:26

Instrument :
BNA_F
ClientSampleId :
C-2

Tgt Ion: 82 Resp: 421144

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	63.9	53.2	79.8

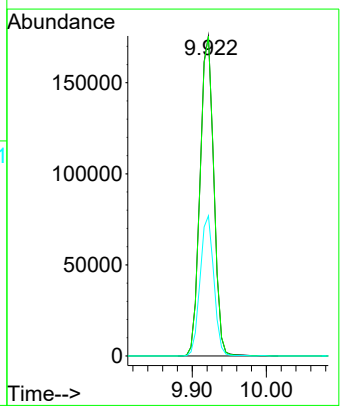


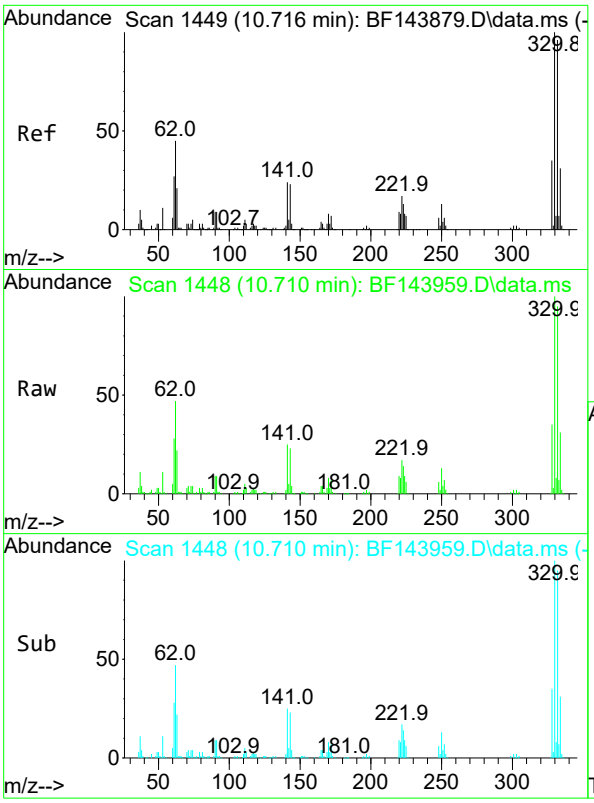


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143959.D
Acq: 15 Oct 2025 18:26

Tgt Ion:164 Resp: 225605

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	43.8	35.4	53.0



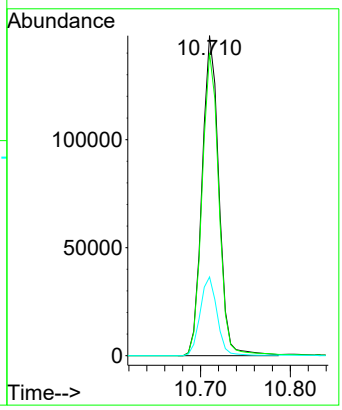


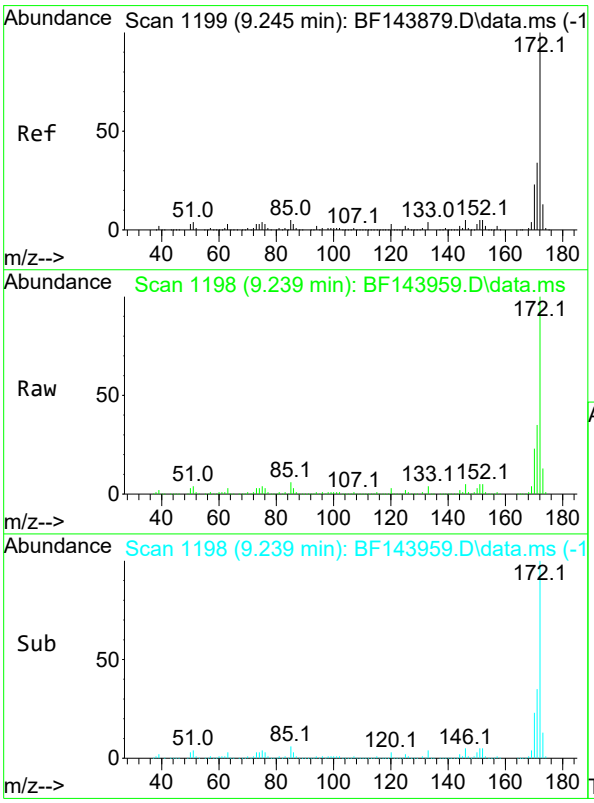
#42
2,4,6-Tribromophenol
Concen: 85.51 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143959.D
Acq: 15 Oct 2025 18:26

Instrument :
BNA_F
ClientSampleId :
C-2

Tgt Ion:330 Resp: 192158

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	24.9	20.2	30.4

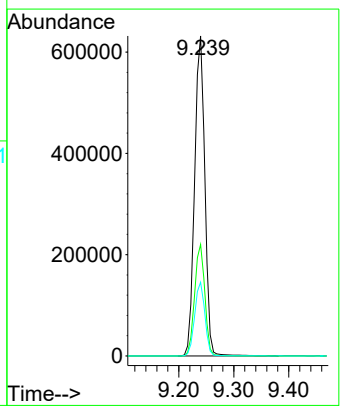


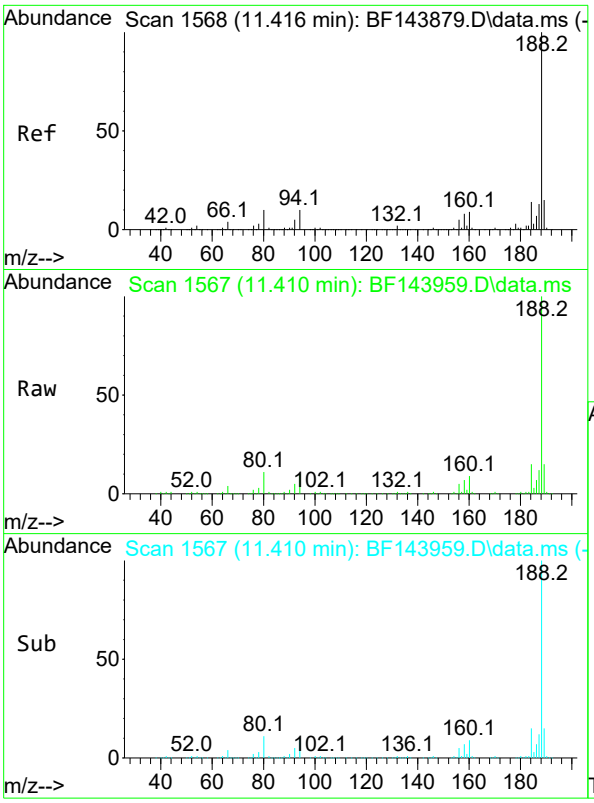


#45
2-Fluorobiphenyl
Concen: 57.64 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.011 min
Lab File: BF143959.D
Acq: 15 Oct 2025 18:26

Tgt Ion:172 Resp: 819494

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.4	41.0
170	23.1	18.6	28.0



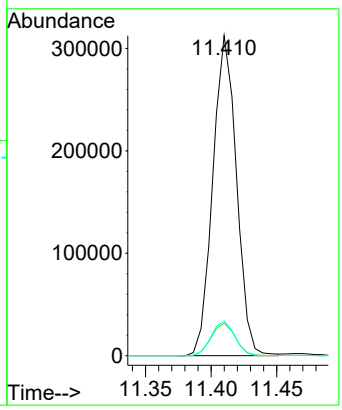


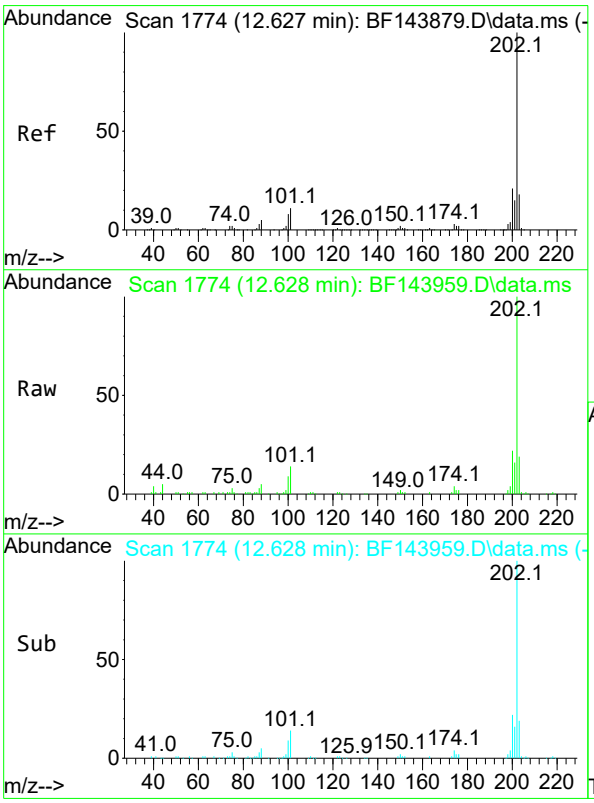
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143959.D
Acq: 15 Oct 2025 18:26

Instrument :
BNA_F
ClientSampleId :
C-2

Tgt Ion:188 Resp: 391764

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.8	11.6
80	10.9	7.9	11.9

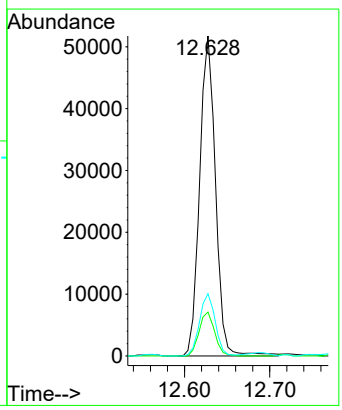


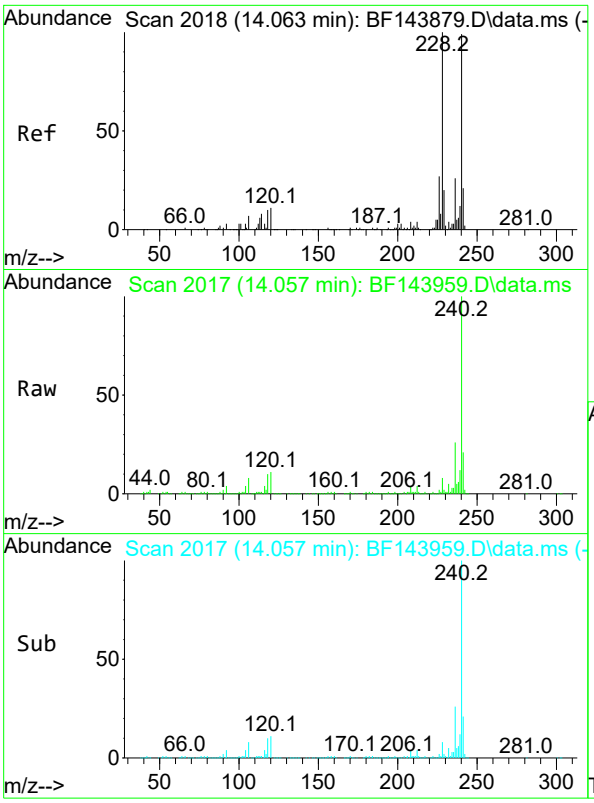


#75
Fluoranthene
Concen: 3.42 ng
RT: 12.628 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BF143959.D
Acq: 15 Oct 2025 18:26

Tgt Ion:202 Resp: 67089

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	30.7
203	19.4	0.0	37.8



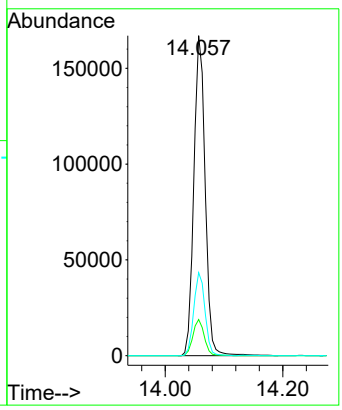


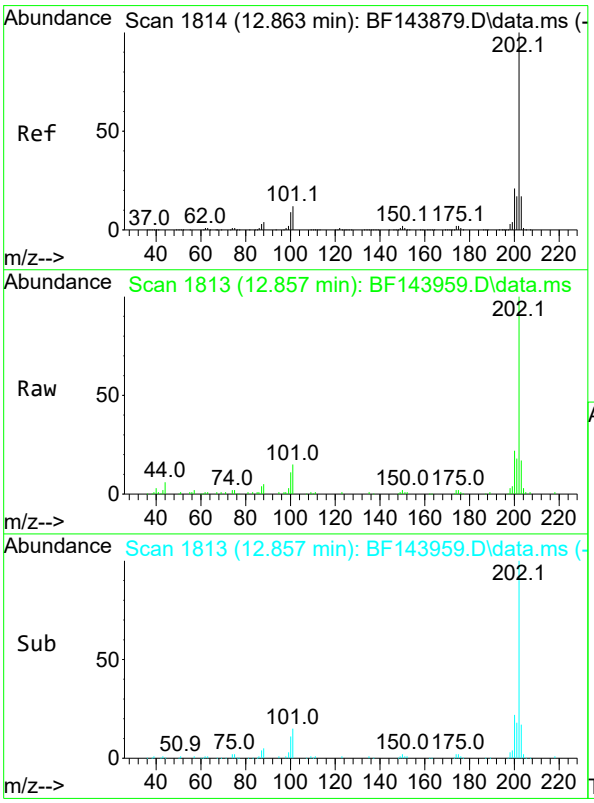
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.011 min
Lab File: BF143959.D
Acq: 15 Oct 2025 18:26

Instrument :
BNA_F
ClientSampleId :
C-2

Tgt Ion:240 Resp: 223504

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.6	13.0
236	25.9	21.1	31.7

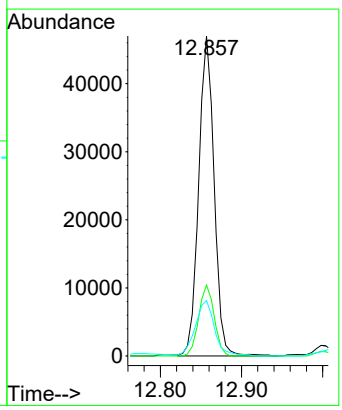


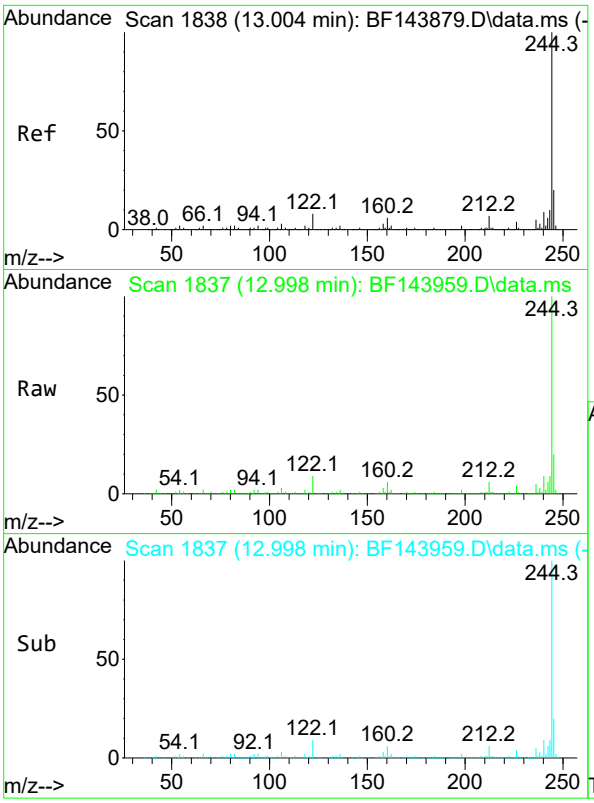


#78
Pyrene
Concen: 3.34 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF143959.D
Acq: 15 Oct 2025 18:26

Tgt Ion:202 Resp: 62273

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.0	25.6
203	17.3	13.8	20.6



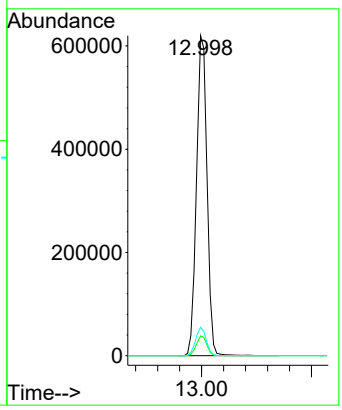


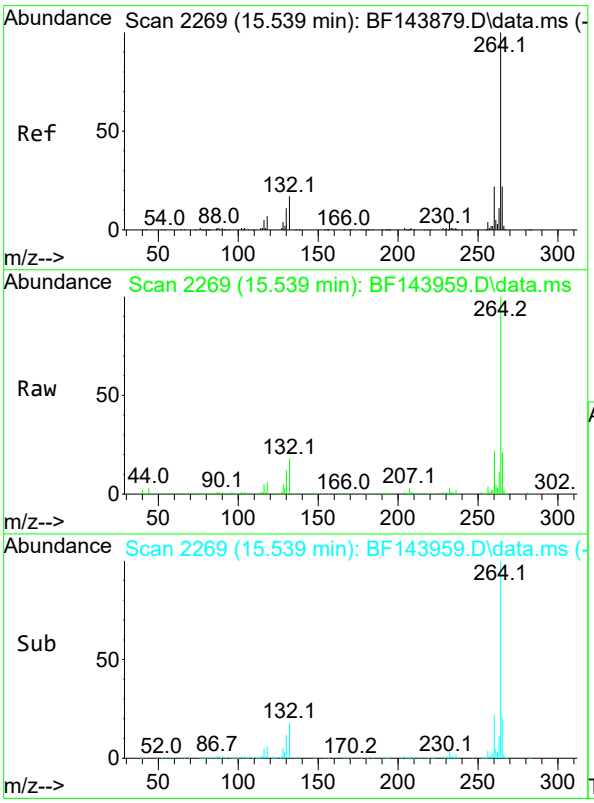
#79
Terphenyl-d14
Concen: 63.16 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143959.D
Acq: 15 Oct 2025 18:26

Instrument :
BNA_F
ClientSampleId :
C-2

Tgt Ion:244 Resp: 825981

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	8.9	6.4	9.6

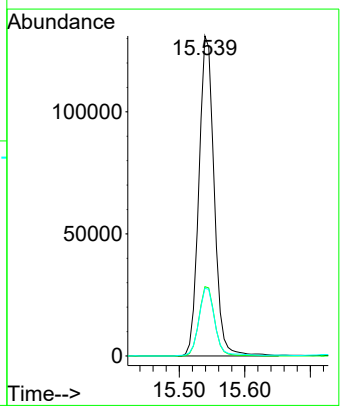




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143959.D
Acq: 15 Oct 2025 18:26

Tgt Ion:264 Resp: 212880

Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.8	26.8
265	21.1	17.5	26.3



Raw Data: **BF143960.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	10/13/25
Project:	Webster School			Date Received:	10/14/25
Client Sample ID:	C-3			SDG No.:	Q3341
Lab Sample ID:	Q3341-03			Matrix:	SOIL
Analytical Method:	8270E	Level :	LOW	% Solid:	80.1
Sample Wt/Vol:	30.05 g	Final Vol:	1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541	Prep Date:	10/15/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
78-59-1	Isophorone	40.9	U	1	40.9	210	ug/Kg	10/15/25 18:56	PB170106
91-20-3	Naphthalene	28.3	U	1	28.3	210	ug/Kg	10/15/25 18:56	PB170106
86-73-7	Fluorene	31.5	U	1	31.5	210	ug/Kg	10/15/25 18:56	PB170106
85-01-8	Phenanthrene	26.0	U	1	26.0	210	ug/Kg	10/15/25 18:56	PB170106
120-12-7	Anthracene	41.5	U	1	41.5	210	ug/Kg	10/15/25 18:56	PB170106
129-00-0	Pyrene	44.9	U	1	44.9	210	ug/Kg	10/15/25 18:56	PB170106
56-55-3	Benzo(a)anthracene	28.7	U	1	28.7	210	ug/Kg	10/15/25 18:56	PB170106
218-01-9	Chrysene	24.8	U	1	24.8	210	ug/Kg	10/15/25 18:56	PB170106
205-99-2	Benzo(b)fluoranthene	23.7	U	1	23.7	210	ug/Kg	10/15/25 18:56	PB170106
50-32-8	Benzo(a)pyrene	36.8	U	1	36.8	210	ug/Kg	10/15/25 18:56	PB170106
191-24-2	Benzo(g,h,i)perylene	32.0	U	1	32.0	210	ug/Kg	10/15/25 18:56	PB170106
SURROGATES									
4165-60-0	Nitrobenzene-d5	55.8			18 - 107	56%	SPK: 100		
321-60-8	2-Fluorobiphenyl	51.5			20 - 109	52%	SPK: 100		
1718-51-0	Terphenyl-d14	59.1			10 - 105	59%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	110000							
1146-65-2	Naphthalene-d8	434000							
15067-26-2	Acenaphthene-d10	242000							
1517-22-2	Phenanthrene-d10	411000							
1719-03-5	Chrysene-d12	222000							
1520-96-3	Perylene-d12	220000							

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\BF101525\
Data File : BF143960.D
Acq On : 15 Oct 2025 18:56
Operator : RC/JU
Sample : Q3341-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-3

Quant Time: Oct 16 11:10:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

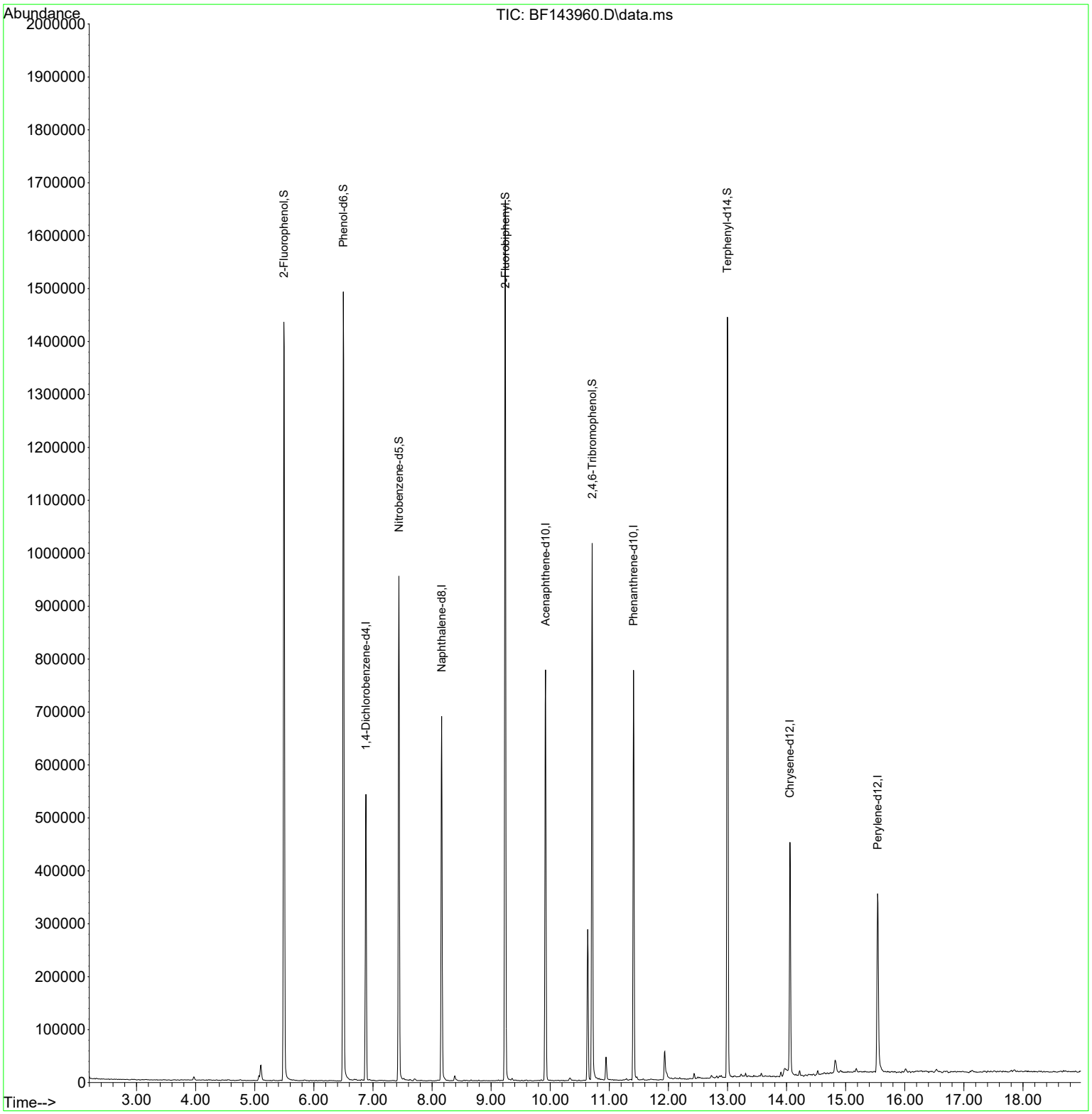
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	109785	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	433602	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	242042	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	411308	20.00	ng	0.00
76) Chrysene-d12	14.057	240	221618	20.00	ng	-0.01
86) Perylene-d12	15.539	264	220263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	560093	81.01	ng	0.00
7) Phenol-d6	6.499	99	675003	81.91	ng	-0.02
23) Nitrobenzene-d5	7.440	82	398476	55.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	186013	77.16	ng	-0.01
45) 2-Fluorobiphenyl	9.240	172	785838	51.52	ng	-0.01
79) Terphenyl-d14	12.998	244	766189	59.09	ng	-0.01
Target Compounds						Qvalue

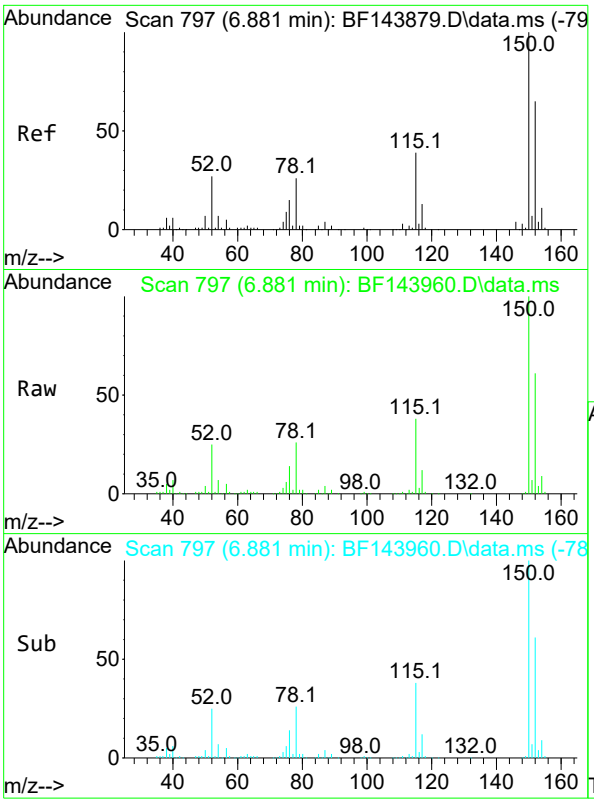
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143960.D
Acq On : 15 Oct 2025 18:56
Operator : RC/JU
Sample : Q3341-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-3

Quant Time: Oct 16 11:10:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



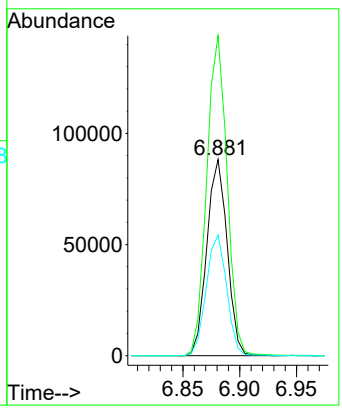


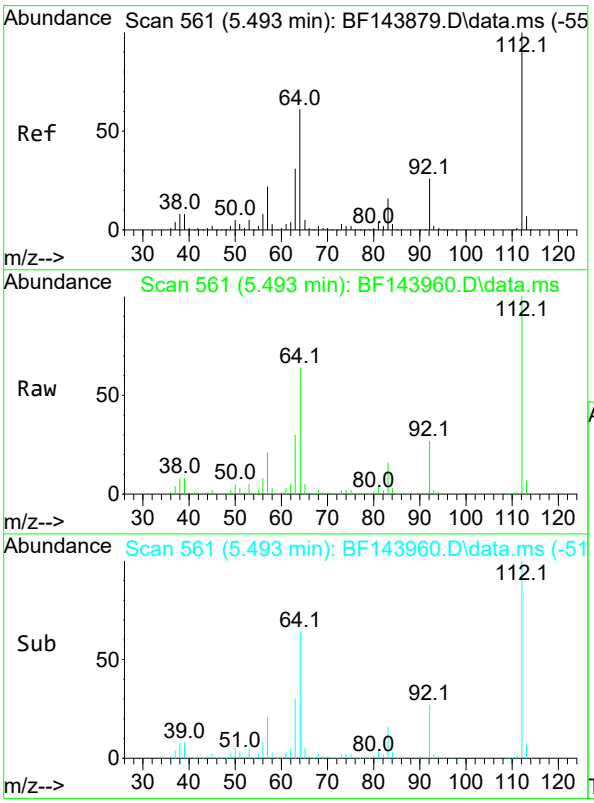
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Instrument :
BNA_F
ClientSampleId :
C-3

Tgt Ion:152 Resp: 109785

Ion	Ratio	Lower	Upper
152	100		
150	163.1	124.4	186.6
115	61.5	48.1	72.1

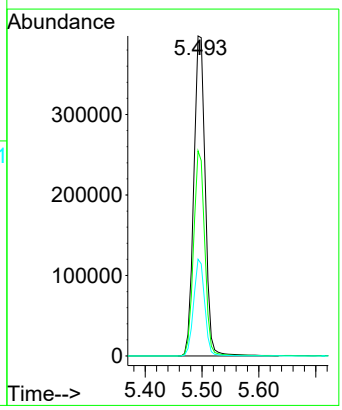


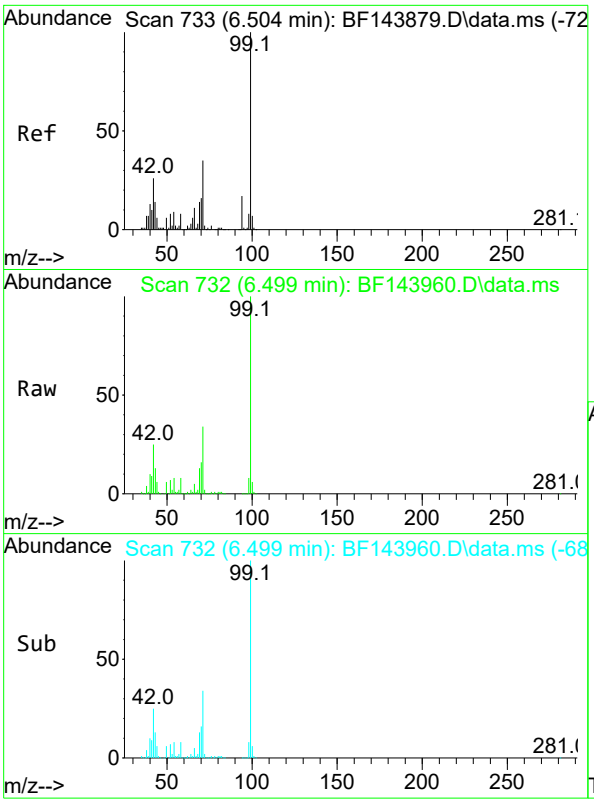


#5
2-Fluorophenol
Concen: 81.01 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Tgt Ion:112 Resp: 560093

Ion	Ratio	Lower	Upper
112	100		
64	64.1	49.1	73.7
63	30.2	24.5	36.7



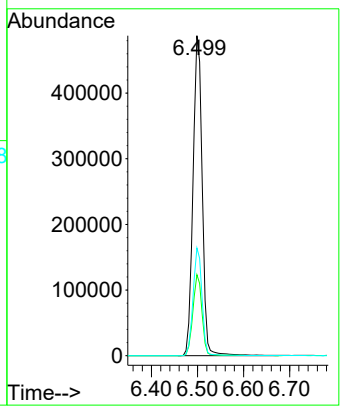


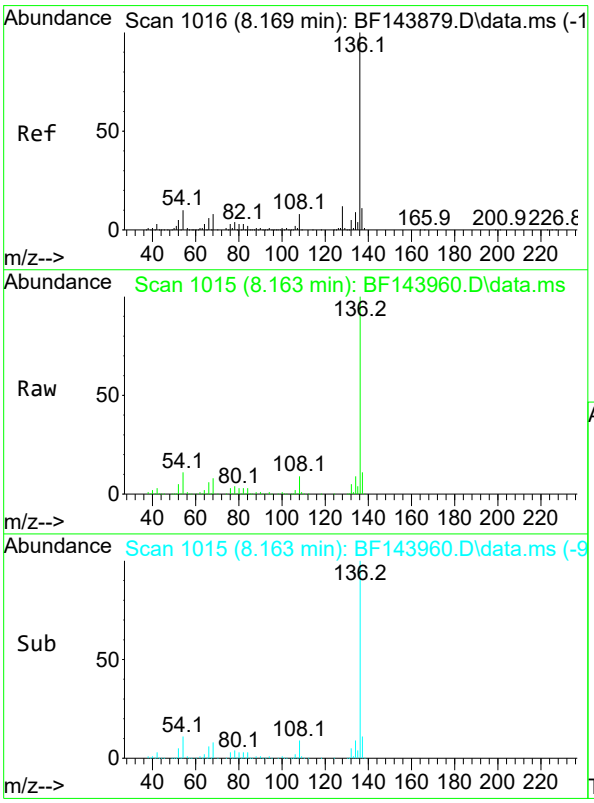
#7
Phenol-d6
Concen: 81.91 ng
RT: 6.499 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Instrument :
BNA_F
ClientSampleId :
C-3

Tgt Ion: 99 Resp: 675003

Ion	Ratio	Lower	Upper
99	100		
42	25.3	21.0	31.4
71	33.7	27.8	41.8

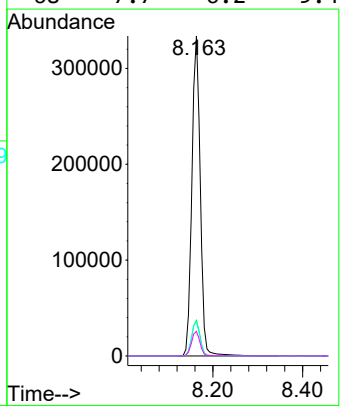


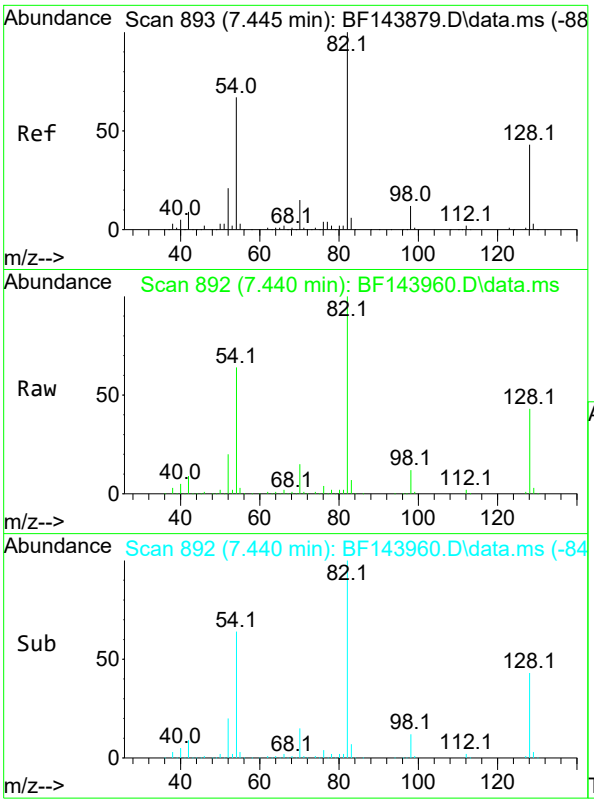


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Tgt Ion:136 Resp: 433602

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.6	8.2	12.4
68	7.7	6.2	9.4



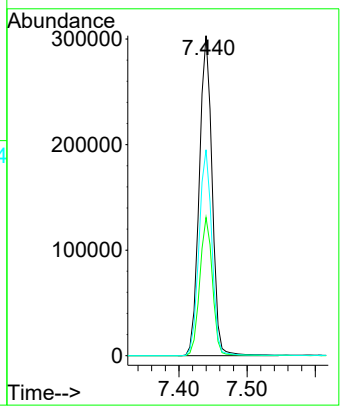


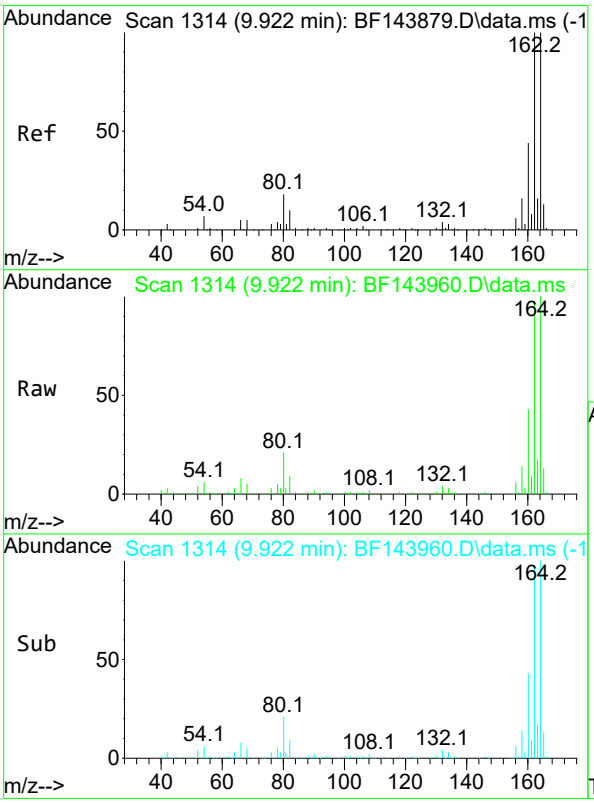
#23
Nitrobenzene-d5
Concen: 55.83 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Instrument :
BNA_F
ClientSampleId :
C-3

Tgt Ion: 82 Resp: 398476

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.0	51.0
54	64.3	53.2	79.8

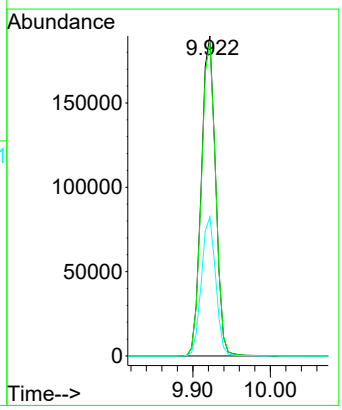


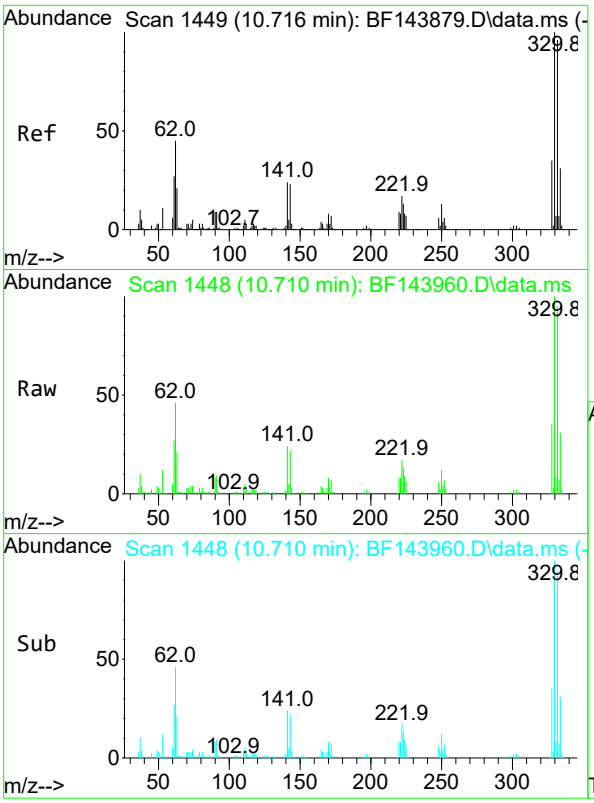


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Tgt Ion:164 Resp: 242042

Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.2	120.2
160	43.5	35.4	53.0



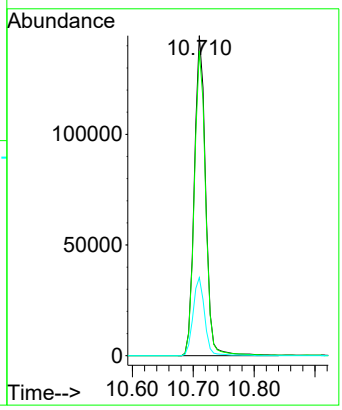


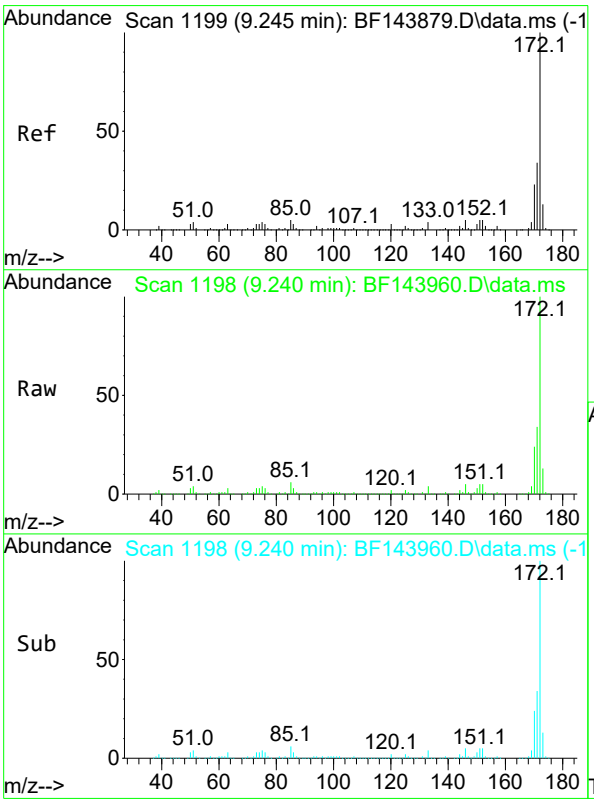
#42
2,4,6-Tribromophenol
Concen: 77.16 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.011 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Instrument :
BNA_F
ClientSampleId :
C-3

Tgt Ion:330 Resp: 186013

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	25.0	20.2	30.4

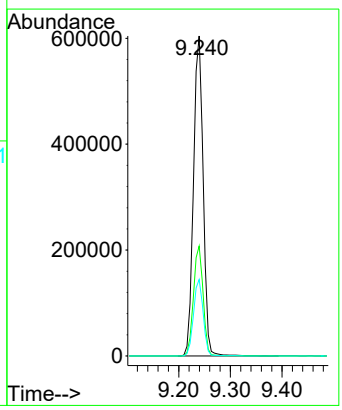


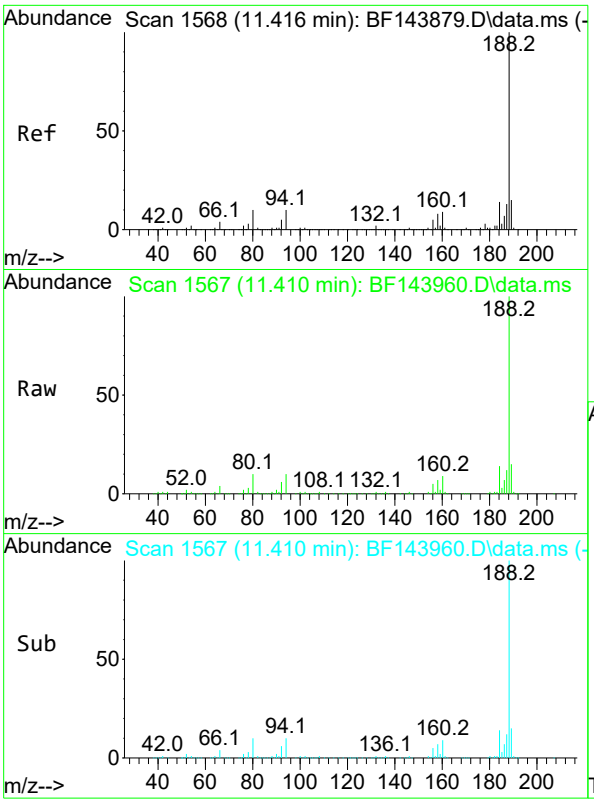


#45
2-Fluorobiphenyl
Concen: 51.52 ng
RT: 9.240 min Scan# 1198
Delta R.T. -0.011 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Tgt Ion:172 Resp: 785838

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.4	41.0
170	23.9	18.6	28.0



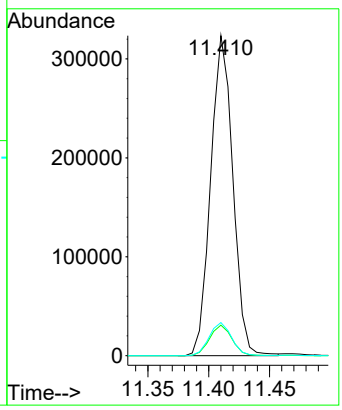


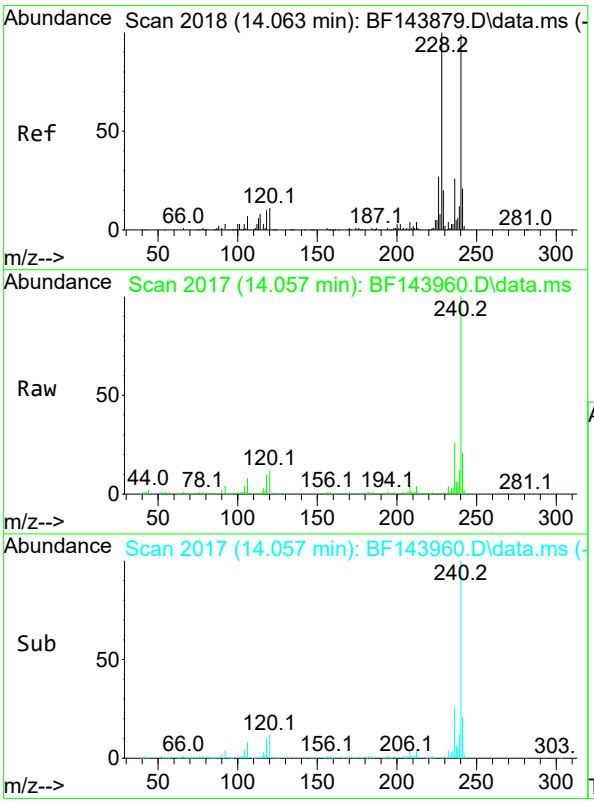
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Instrument :
BNA_F
ClientSampleId :
C-3

Tgt Ion:188 Resp: 411308

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.8	11.6
80	10.3	7.9	11.9

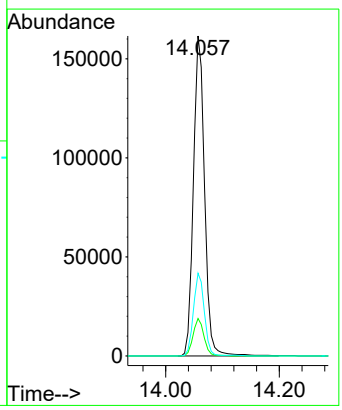


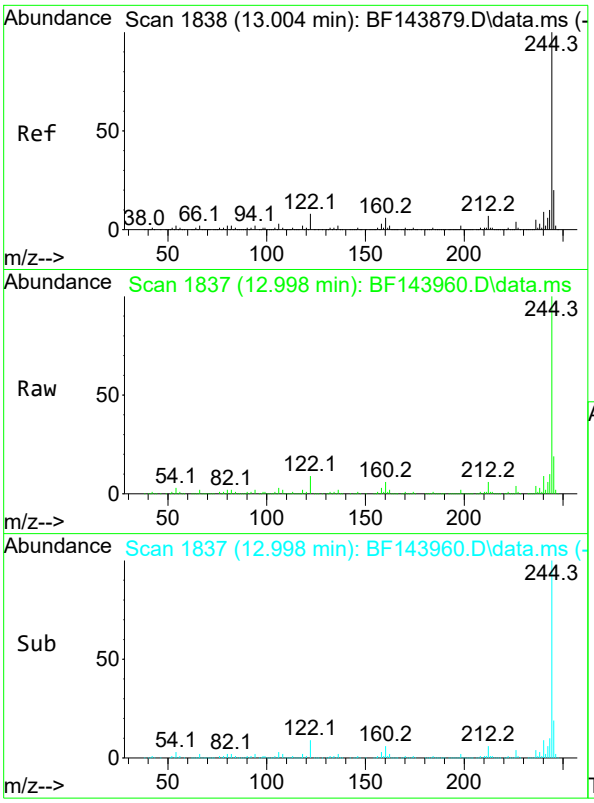


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Tgt Ion:240 Resp: 221618

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.6	13.0
236	25.9	21.1	31.7



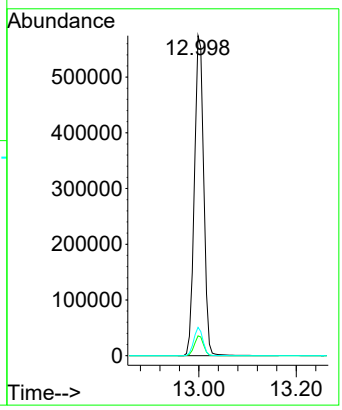


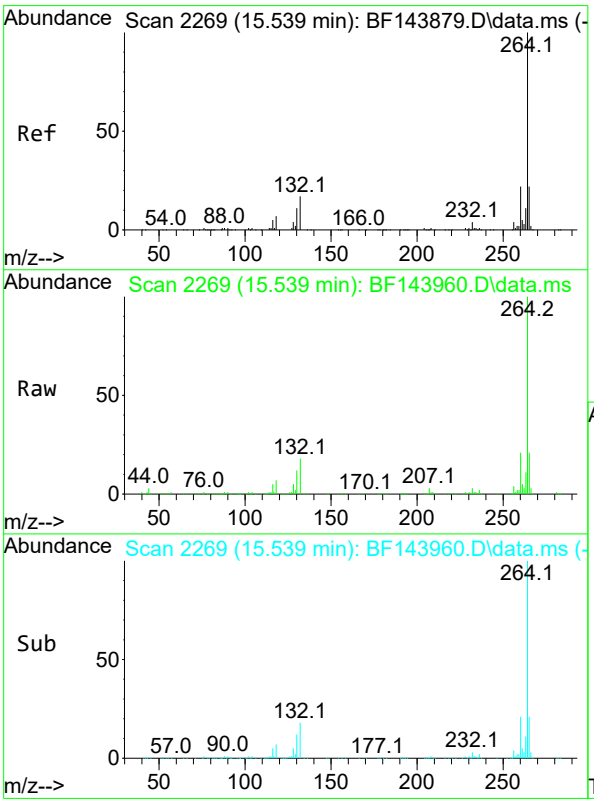
#79
Terphenyl-d14
Concen: 59.09 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Instrument :
BNA_F
ClientSampleId :
C-3

Tgt Ion:244 Resp: 766189

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	8.8	6.4	9.6

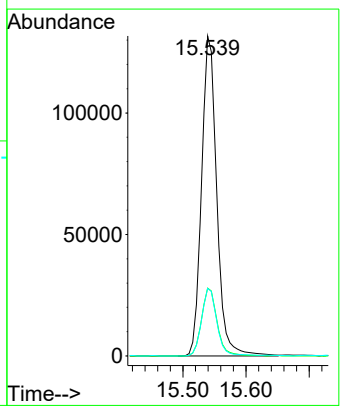




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Tgt Ion:264 Resp: 220263

Ion	Ratio	Lower	Upper
264	100		
260	21.2	17.8	26.8
265	21.1	17.5	26.3



CALIBRATION SUMMARY

Raw Data

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: POWE02

Lab Code: ACE SDG No.: Q3341

Instrument ID: BNA_F Calibration Date(s): 10/06/2025 10/06/2025

Calibration Time(s): 09:59 14:22

LAB FILE ID: RRF2.5 = BF143875.D RRF005 = BF143876.D RRF010 = BF143877.D
RRF020 = BF143878.D RRF040 = BF143879.D RRF050 = BF143880.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.378	1.349	1.352	1.307	1.173	1.259	9.1
Phenol-d6		1.626	1.631	1.601	1.542	1.404	1.501	8.6
Nitrobenzene-d5		0.325	0.333	0.347	0.345	0.323	0.329	4.2
Isophorone		0.754	0.708	0.708	0.705	0.665	0.694	5.0
Naphthalene		1.103	0.996	0.972	0.932	0.817	0.910	14.1
2-Fluorobiphenyl		1.568	1.424	1.335	1.224	0.984	1.260	18.0
Fluorene		1.393	1.266	1.173	1.097	0.897	1.083	19.2
2,4,6-Tribromophenol		0.194	0.192	0.210	0.207	0.198	0.199	3.5
Phenanthrene		1.164	1.092	1.066	0.976	0.842	0.970	14.9
Anthracene		1.161	1.097	1.057	1.025	0.854	0.980	14.4
Pyrene		1.838	1.663	1.769	1.863	1.541	1.667	9.9
Terphenyl-d14		1.301	1.209	1.271	1.279	1.066	1.170	10.7
Benzo(a)anthracene		1.342	1.347	1.354	1.398	1.232	1.309	5.5
Chrysene		1.373	1.188	1.267	1.294	1.116	1.211	8.4
Benzo(b)fluoranthene		1.207	1.138	1.131	1.269	1.095	1.149	7.6
Benzo(a)pyrene		1.000	1.006	1.037	1.102	0.936	0.996	6.2
Benzo(g,h,i)perylene		0.889	0.888	0.983	1.117	0.991	0.986	8.1

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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143875.D 5 =BF143876.D 10 =BF143877.D 20 =BF143878.D 40 =BF143879.D 50 =BF143880.D 60 =BF143881.D 80 =BF1438
82.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.614	0.595	0.597	0.609	0.544	0.576	0.544	0.583	4.96
3)		Pyridine		1.691	1.672	1.749	1.772	1.668	1.680	1.644	1.697	2.74
4)		n-Nitrosodimet...			0.825	0.895	0.909	0.917	0.909	0.900	0.893	3.81
5)	S	2-Fluorophenol		1.378	1.349	1.352	1.307	1.173	1.177	1.079	1.259	9.15
6)		Aniline		2.400	2.327	2.361	2.343	2.185	2.134	1.997	2.250	6.58
7)	S	Phenol-d6		1.626	1.631	1.601	1.542	1.404	1.387	1.317	1.501	8.62
8)		2-Chlorophenol		1.324	1.229	1.274	1.294	1.201	1.182	1.113	1.231	5.90
9)		Benzaldehyde			1.115	1.026	1.329	1.198	1.390	0.890	1.158	16.18
10)	C	Phenol		1.934	1.814	1.889	1.841	1.756	1.739	1.589	1.795	6.33
11)		bis(2-Chloroet...		1.487	1.457	1.467	1.446	1.308	1.302	1.238	1.386	7.25
12)		1,3-Dichlorobe...		1.742	1.591	1.589	1.516	1.336	1.327	1.215	1.474	12.64
13)	C	1,4-Dichlorobe...		1.653	1.606	1.567	1.499	1.326	1.340	1.185	1.454	11.88
14)		1,2-Dichlorobe...		1.581	1.507	1.501	1.434	1.283	1.288	1.153	1.392	11.06
15)		Benzyl Alcohol			1.118	1.138	1.173	1.134	1.104	1.082	1.125	2.79
16)		2,2'-oxybis(1-...		3.520	3.385	3.273	3.239	3.008	2.945	2.720	3.156	8.79
17)		2-Methylphenol		1.064	1.057	1.049	1.054	0.985	0.986	0.927	1.017	5.10
18)		Hexachloroethane		0.533	0.508	0.515	0.501	0.456	0.464	0.417	0.485	8.39
19)	P	n-Nitroso-di-n...	1.052	1.135	1.134	1.054	1.026	0.970	0.938	0.912	1.028	8.13
20)		3+4-Methylphenols			1.401	1.342	1.266	1.067	1.068	0.933	1.179	15.58
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.515	0.461	0.462	0.433	0.374	0.375	0.340	0.423	14.67
23)	S	Nitrobenzene-d5		0.325	0.333	0.347	0.345	0.323	0.325	0.307	0.329	4.19
24)		Nitrobenzene		0.369	0.349	0.389	0.391	0.352	0.365	0.342	0.366	5.26
25)		Isophorone		0.754	0.708	0.708	0.705	0.665	0.663	0.656	0.694	5.04
26)	C	2-Nitrophenol		0.121	0.133	0.163	0.174	0.167	0.173	0.166	0.157	13.39
27)		2,4-Dimethylph...		0.287	0.288	0.292	0.295	0.271	0.278	0.264	0.282	4.08
28)		bis(2-Chloroet...		0.510	0.474	0.463	0.444	0.398	0.401	0.380	0.438	10.79
29)	C	2,4-Dichloroph...		0.317	0.292	0.313	0.307	0.280	0.282	0.265	0.294	6.54
30)		1,2,4-Trichlor...		0.331	0.299	0.307	0.298	0.266	0.272	0.249	0.289	9.57
31)		Naphthalene		1.103	0.996	0.972	0.932	0.817	0.817	0.732	0.910	14.06
32)		Benzoic acid			0.131	0.173	0.200	0.216	0.222	0.228	0.195	18.95
33)		4-Chloroaniline		0.368	0.370	0.357	0.355	0.319	0.321	0.298	0.341	8.20
34)	C	Hexachlorobuta...		0.231	0.214	0.210	0.207	0.183	0.187	0.173	0.201	10.11
35)		Caprolactam			0.092	0.091	0.095	0.094	0.093	0.094	0.093	1.59
36)	C	4-Chloro-3-met...		0.301	0.302	0.289	0.287	0.269	0.270	0.256	0.282	6.27
37)		2-Methylnaphth...		0.742	0.683	0.654	0.616	0.527	0.533	0.487	0.606	15.46
38)		1-Methylnaphth...		0.719	0.656	0.629	0.605	0.517	0.523	0.465	0.588	15.23

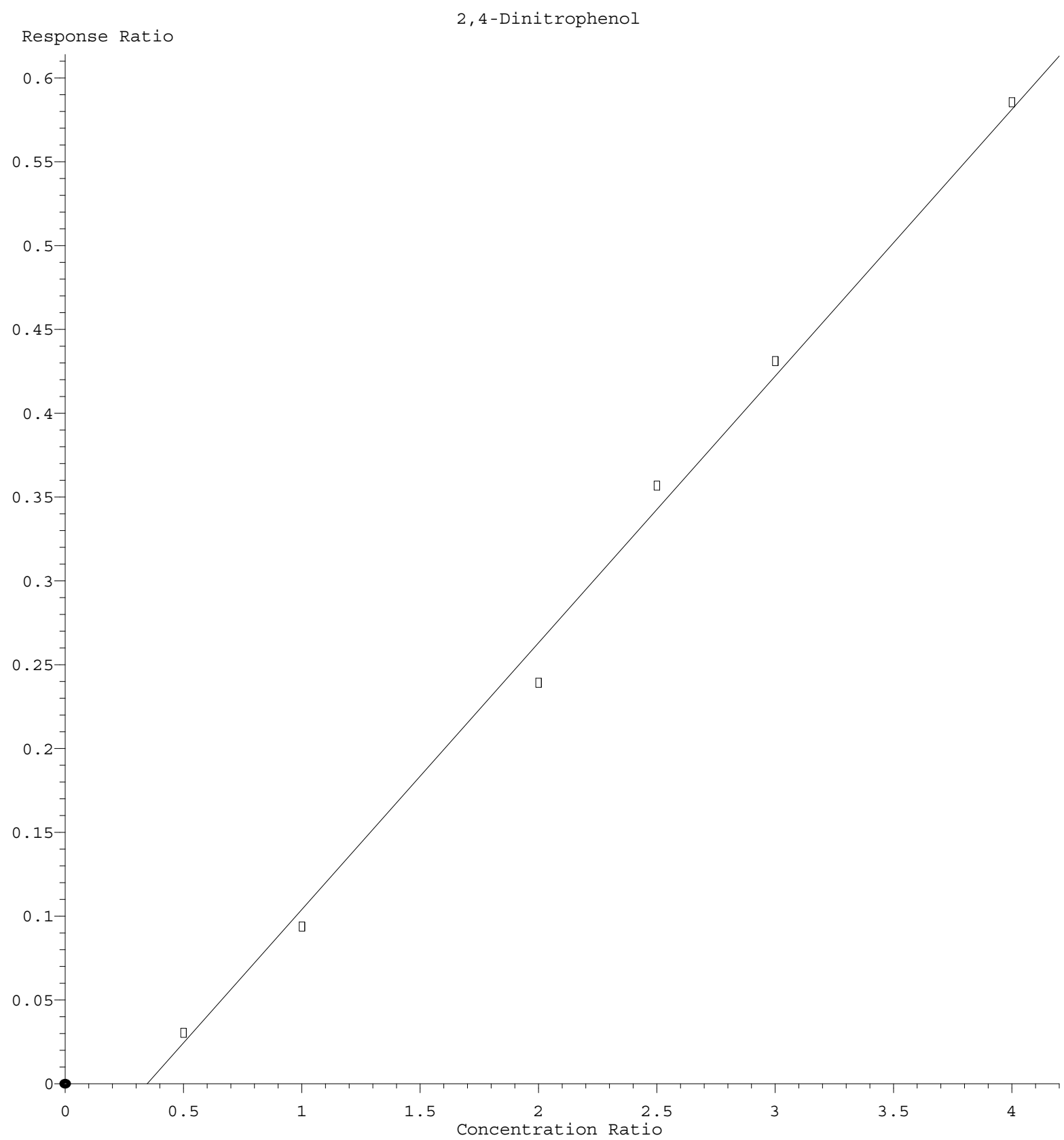
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.610	0.592	0.595	0.590	0.500	0.519	0.464	0.553	10.38
41)	P	Hexachlorocycl...		0.182	0.216	0.257	0.246	0.240	0.235	0.229	11.77
42)	S	2,4,6-Tribromo...	0.194	0.192	0.210	0.207	0.198	0.200	0.193	0.199	3.51
43)	C	2,4,6-Trichlor...	0.408	0.394	0.426	0.445	0.383	0.395	0.376	0.404	6.07
44)		2,4,5-Trichlor...	0.443	0.444	0.460	0.456	0.401	0.403	0.380	0.427	7.34
45)	S	2-Fluorobiphenyl	1.568	1.424	1.335	1.224	0.984	1.028		1.260	18.04
46)		1,1'-Biphenyl	1.617	1.476	1.448	1.374	1.134	1.171	1.050	1.324	15.77
47)		2-Chloronaphth...	1.294	1.196	1.197	1.137	0.988	1.003	0.913	1.104	12.50
48)		2-Nitroaniline	0.293	0.322	0.371	0.392	0.354	0.365	0.348	0.349	9.43
49)		Acenaphthylene	1.797	1.701	1.648	1.623	1.386	1.426	1.284	1.552	12.11
50)		Dimethylphthalate	1.442	1.351	1.334	1.291	1.166	1.202	1.105	1.270	9.29
51)		2,6-Dinitrotol...	0.201	0.204	0.245	0.262	0.250	0.250	0.237	0.236	10.13
52)	C	Acenaphthene	1.177	1.115	1.096	1.052	0.897	0.934	0.847	1.017	12.21
53)		3-Nitroaniline	0.256	0.270	0.306	0.306	0.296	0.298	0.286	0.288	6.59
54)	P	2,4-Dinitrophenol		0.061	0.094	0.120	0.143	0.144	0.146	0.118	29.25
55)		Dibenzofuran	1.680	1.608	1.572	1.494	1.253	1.295	1.149	1.436	14.13
56)	P	4-Nitrophenol		0.173	0.215	0.234	0.230	0.228	0.230	0.218	10.55
57)		2,4-Dinitrotol...	0.252	0.284	0.341	0.365	0.335	0.346	0.320	0.320	12.30
58)		Fluorene	1.393	1.266	1.173	1.097	0.897	0.922	0.835	1.083	19.21
59)		2,3,4,6-Tetrac...	0.276	0.303	0.315	0.325	0.300	0.309	0.288	0.302	5.49
60)		Diethylphthalate	1.319	1.281	1.273	1.222	1.070	1.105	0.989	1.180	10.62
61)		4-Chlorophenyl...	0.689	0.662	0.626	0.596	0.485	0.505	0.446	0.573	16.43
62)		4-Nitroaniline	0.257	0.259	0.285	0.292	0.287	0.288	0.274	0.277	5.25
63)		Azobenzene	1.387	1.331	1.308	1.280	1.114	1.156	1.055	1.233	10.10
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.065	0.092	0.111	0.112	0.114	0.110	0.101	19.26
66)	c	n-Nitrosodiphe...	0.712	0.683	0.675	0.656	0.560	0.584	0.527	0.628	11.22
67)		4-Bromophenyl-...	0.247	0.234	0.231	0.231	0.201	0.207	0.196	0.221	8.74
68)		Hexachlorobenzene	0.277	0.268	0.263	0.267	0.242	0.245	0.231	0.256	6.59
69)		Atrazine	0.197	0.206	0.213	0.195	0.184	0.177	0.161	0.190	9.44
70)	C	Pentachlorophenol		0.117	0.152	0.157	0.154	0.154	0.147	0.147	10.10
71)		Phenanthrene	1.164	1.092	1.066	0.976	0.842	0.872	0.775	0.970	14.94
72)		Anthracene	1.161	1.097	1.057	1.025	0.854	0.881	0.781	0.980	14.43
73)		Carbazole	1.015	0.962	0.939	0.884	0.766	0.804	0.703	0.868	13.10
74)		Di-n-butylphth...	1.089	1.094	1.108	1.053	0.910	0.954	0.830	1.005	10.76
75)	C	Fluoranthene	1.156	1.153	1.094	1.032	0.876	0.910	0.789	1.002	14.43
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.701	0.719	0.761	0.651	0.640		0.694	7.16
78)		Pyrene	1.838	1.663	1.769	1.863	1.541	1.578	1.420	1.667	9.87
79)	S	Terphenyl-d14	1.301	1.209	1.271	1.279	1.066	1.080	0.984	1.170	10.70
80)		Butylbenzylpht...	0.466	0.503	0.579	0.620	0.545	0.553	0.524	0.542	9.31
81)		Benzo(a)anthra...	1.342	1.347	1.354	1.398	1.232	1.291	1.198	1.309	5.49
82)		3,3'-Dichlorob...		0.364	0.403	0.440	0.401	0.404	0.381	0.399	6.41
83)		Chrysene	1.373	1.188	1.267	1.294	1.116	1.126	1.115	1.211	8.41
84)		Bis(2-ethylhex...	0.591	0.619	0.687	0.739	0.642	0.672	0.619	0.653	7.70
85)	c	Di-n-octyl pht...		0.837	1.009	1.194	1.108	1.151	1.133	1.072	12.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.114	1.104	1.222	1.393	1.235	1.263	1.248	1.225	7.97
88)		Benzo(b)fluora...	1.207	1.138	1.131	1.269	1.095	1.202	1.000	1.149	7.63
89)		Benzo(k)fluora...	1.138	1.173	1.228	1.108	0.923	0.921	0.951	1.063	12.11
90)	C	Benzo(a)pyrene	1.000	1.006	1.037	1.102	0.936	0.970	0.923	0.996	6.17
91)		Dibenzo(a,h)an...	0.888	0.915	1.015	1.128	0.975	1.007	0.972	0.986	7.89
92)		Benzo(g,h,i)pe...	0.889	0.888	0.983	1.117	0.991	1.018	1.014	0.986	8.08

(#) = Out of Range



Response = 1.591e-001 * Amt - 5.521e-002
Coef of Det (r^2) = 0.995474 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF100625.M
Calibration Table Last Updated: Mon Oct 06 15:29:47 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143875.D
Acq On : 06 Oct 2025 09:59
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 06 15:37:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	128129	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	501174	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	285618	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	520523	20.000	ng	0.00
76) Chrysene-d12	14.057	240	373433	20.000	ng	-0.01
86) Perylene-d12	15.539	264	316147	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...	7.281	70	16847	2.559	ng	98

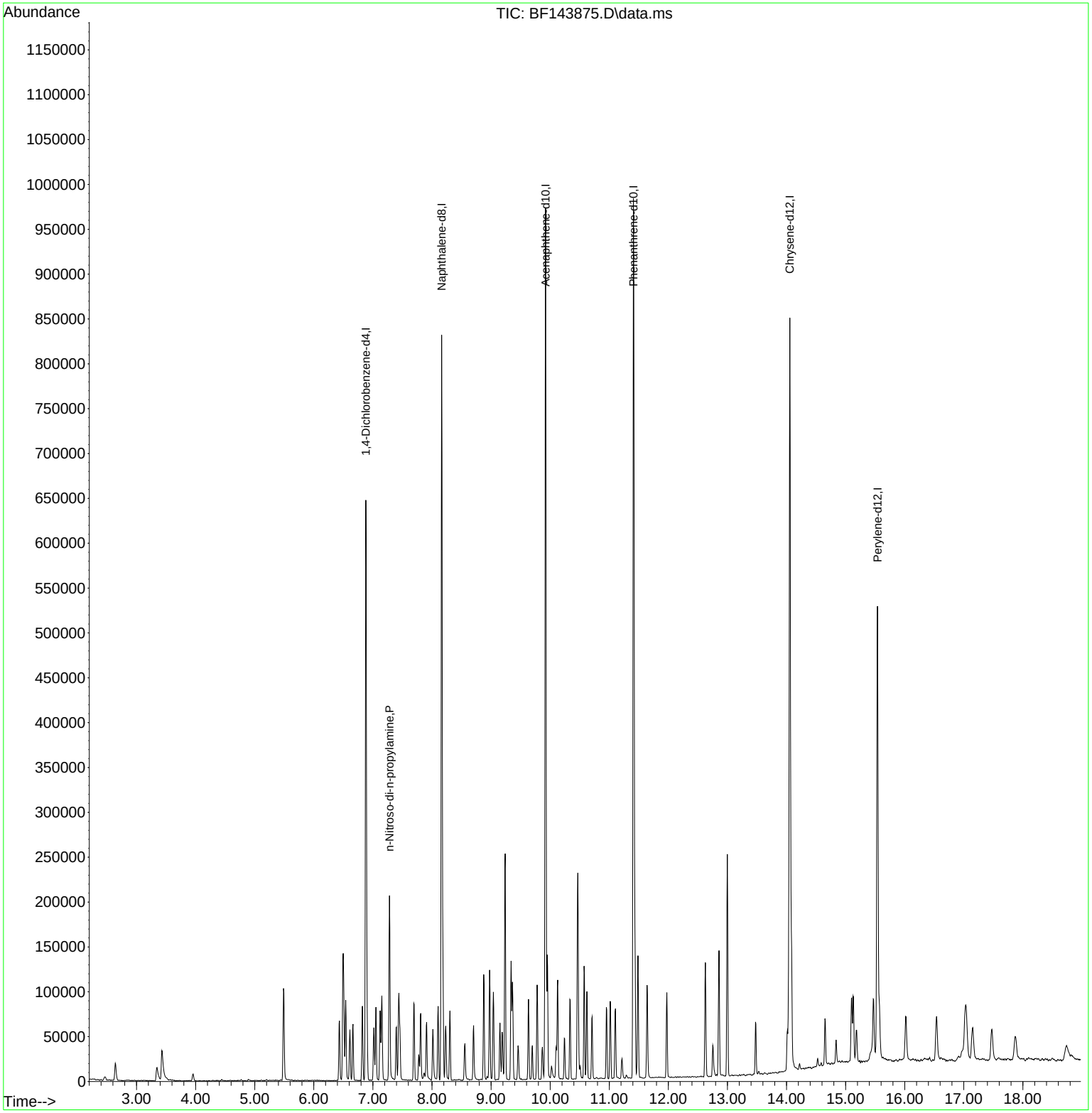
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143875.D
Acq On : 06 Oct 2025 09:59
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 06 15:37:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143876.D
Acq On : 06 Oct 2025 10:28
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:14:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	137596	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	524114	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	303230	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	538298	20.000	ng	0.00
76) Chrysene-d12	14.057	240	379937	20.000	ng	-0.01
86) Perylene-d12	15.539	264	317181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	94810	10.942	ng	-0.01
7) Phenol-d6	6.493	99	111877	10.832	ng	-0.02
23) Nitrobenzene-d5	7.440	82	85080	9.862	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	29360	9.721	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	237689	12.438	ng	-0.01
79) Terphenyl-d14	12.998	244	247223	11.121	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	21110	5.265	ng	96
3) Pyridine	3.422	79	58179	4.984	ng	96
6) Aniline	6.540	93	82563	5.335	ng	99
8) 2-Chlorophenol	6.663	128	45534	5.376	ng	96
10) Phenol	6.510	94	66523m	5.388	ng	
11) bis(2-Chloroethyl)ether	6.610	93	51163	5.364	ng	98
12) 1,3-Dichlorobenzene	6.822	146	59929	5.911	ng	96
13) 1,4-Dichlorobenzene	6.898	146	56869	5.686	ng	98
14) 1,2-Dichlorobenzene	7.051	146	54371	5.676	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	121082	5.577	ng	99
17) 2-Methylphenol	7.122	107	36595	5.228	ng	97
18) Hexachloroethane	7.398	117	18346	5.501	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	39050	5.524	ng	98
22) Acetophenone	7.287	105	67515	6.092	ng	95
24) Nitrobenzene	7.457	77	48413	5.054	ng	96
25) Isophorone	7.692	82	98761	5.429	ng	100
26) 2-Nitrophenol	7.775	139	15870	3.864	ng	93
27) 2,4-Dimethylphenol	7.810	122	37645	5.095	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	66779	5.812	ng	99
29) 2,4-Dichlorophenol	8.016	162	41484	5.390	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	43309	5.722	ng	100
31) Naphthalene	8.187	128	144561	6.063	ng	100
33) 4-Chloroaniline	8.234	127	48181	5.388	ng	97
34) Hexachlorobutadiene	8.304	225	30246	5.751	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	39500	5.343	ng	99
37) 2-Methylnaphthalene	8.875	142	97227	6.122	ng	100
38) 1-Methylnaphthalene	8.975	142	94190	6.114	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	46252	5.519	ng	93
43) 2,4,6-Trichlorophenol	9.151	196	30908	5.047	ng	98
44) 2,4,5-Trichlorophenol	9.187	196	33613	5.194	ng	94
46) 1,1'-Biphenyl	9.339	154	122568	6.105	ng	100
47) 2-Chloronaphthalene	9.363	162	98102	5.861	ng	98
48) 2-Nitroaniline	9.457	65	22188	4.193	ng	98
49) Acenaphthylene	9.781	152	136204	5.788	ng	98
50) Dimethylphthalate	9.634	163	109323	5.677	ng	98
51) 2,6-Dinitrotoluene	9.698	165	15228	4.265	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143876.D
Acq On : 06 Oct 2025 10:28
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 06 16:14:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	9.951	154	89242	5.787	ng		98
53) 3-Nitroaniline	9.869	138	19400	4.437	ng	#	97
55) Dibenzofuran	10.128	168	127374	5.852	ng		99
57) 2,4-Dinitrotoluene	10.098	165	19103	3.932	ng	#	97
58) Fluorene	10.469	166	105607	6.430	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	20888	4.560	ng	#	96
60) Diethylphthalate	10.339	149	100010	5.590	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	52199	6.011	ng		95
62) 4-Nitroaniline	10.475	138	19447	4.625	ng		95
63) Azobenzene	10.622	77	105174	5.625	ng		98
66) n-Nitrosodiphenylamine	10.575	169	95847	5.671	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	33236	5.587	ng		95
68) Hexachlorobenzene	11.016	284	37233	5.406	ng		97
69) Atrazine	11.104	200	26507	5.174	ng		93
71) Phenanthrene	11.433	178	156676	6.004	ng		99
72) Anthracene	11.486	178	156289	5.928	ng		99
73) Carbazole	11.639	167	136597	5.850	ng		97
74) Di-n-butylphthalate	11.975	149	146596	5.417	ng		98
75) Fluoranthene	12.627	202	155574	5.771	ng		98
78) Pyrene	12.857	202	174542	5.510	ng		99
80) Butylbenzylphthalate	13.474	149	44252	4.302	ng		99
81) Benzo(a)anthracene	14.045	228	127434	5.125	ng		98
83) Chrysene	14.080	228	130450	5.669	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	56165	4.529	ng		99
87) Indeno(1,2,3-cd)pyrene	17.021	276	88321	4.544	ng		95
88) Benzo(b)fluoranthene	15.098	252	95737	5.255	ng		100
89) Benzo(k)fluoranthene	15.127	252	90226	5.352	ng		99
90) Benzo(a)pyrene	15.474	252	79275	5.018	ng	#	96
91) Dibenzo(a,h)anthracene	17.045	278	70452	4.507	ng		97
92) Benzo(g,h,i)perylene	17.474	276	70468	4.508	ng		96

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

Quantitation Report (QT Reviewed)

ICAL Form

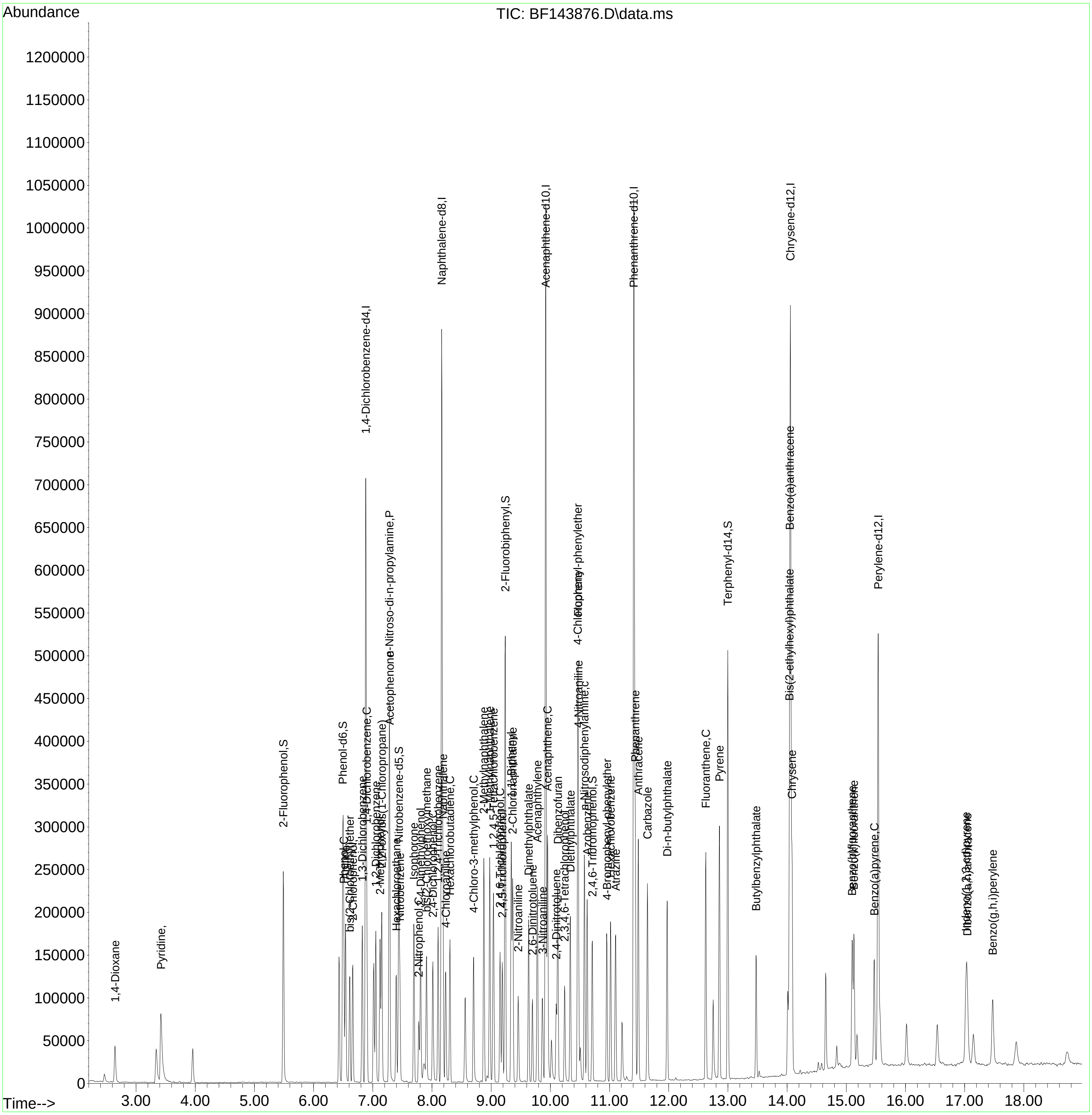
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143876.D
Acq On : 06 Oct 2025 10:28
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 06 16:14:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143877.D
Acq On : 06 Oct 2025 10:57
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Oct 06 15:38:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	126533	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	493548	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	283821	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	504357	20.000	ng	0.00
76) Chrysene-d12	14.057	240	366499	20.000	ng	-0.01
86) Perylene-d12	15.539	264	297391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	170697	21.422	ng	-0.01
7) Phenol-d6	6.493	99	206358	21.727	ng	-0.02
23) Nitrobenzene-d5	7.440	82	164127	20.204	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	54453	19.262	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	404164	22.595	ng	-0.01
79) Terphenyl-d14	12.998	244	442968	20.657	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	37665	10.215	ng	96
3) Pyridine	3.399	79	105800	9.856	ng	99
4) n-Nitrosodimethylamine	3.322	42	49793	8.818	ng	99
6) Aniline	6.540	93	147222	10.344	ng	98
8) 2-Chlorophenol	6.663	128	77754	9.983	ng	97
9) Benzaldehyde	6.434	77	70546	9.629	ng	98
10) Phenol	6.510	94	114780m	10.109	ng	
11) bis(2-Chloroethyl)ether	6.610	93	92208	10.513	ng	98
12) 1,3-Dichlorobenzene	6.822	146	100630	10.793	ng	96
13) 1,4-Dichlorobenzene	6.898	146	101588	11.046	ng	97
14) 1,2-Dichlorobenzene	7.051	146	95345	10.824	ng	98
15) Benzyl Alcohol	7.016	79	70756	9.943	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	214183	10.728	ng	99
17) 2-Methylphenol	7.122	107	66872	10.389	ng	96
18) Hexachloroethane	7.398	117	32160	10.486	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	71731	11.034	ng	94
20) 3+4-Methylphenols	7.275	107	88634	11.881	ng	95
22) Acetophenone	7.287	105	113751	10.900	ng	96
24) Nitrobenzene	7.457	77	86228	9.558	ng	96
25) Isophorone	7.698	82	174767	10.203	ng	98
26) 2-Nitrophenol	7.781	139	32787	8.477	ng	95
27) 2,4-Dimethylphenol	7.810	122	70960	10.199	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	116898	10.804	ng	95
29) 2,4-Dichlorophenol	8.016	162	72141	9.954	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	73668	10.336	ng	98
31) Naphthalene	8.187	128	245857	10.951	ng	99
32) Benzoic acid	7.869	122	32361m	6.721	ng	
33) 4-Chloroaniline	8.234	127	91294	10.842	ng	95
34) Hexachlorobutadiene	8.304	225	52824	10.665	ng	98
35) Caprolactam	8.569	113	22813	9.900	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	74546	10.708	ng	96
37) 2-Methylnaphthalene	8.875	142	168581	11.272	ng	98
38) 1-Methylnaphthalene	8.975	142	161895	11.160	ng	96
40) 1,2,4,5-Tetrachloroben...	9.039	216	83972	10.705	ng	97
41) Hexachlorocyclopentadiene	9.034	237	25812	7.932	ng	95
43) 2,4,6-Trichlorophenol	9.151	196	55929	9.758	ng	93

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143877.D
Acq On : 06 Oct 2025 10:57
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	63036	10.407	ng		98
46) 1,1'-Biphenyl	9.339	154	209528	11.150	ng		99
47) 2-Chloronaphthalene	9.363	162	169672	10.829	ng		96
48) 2-Nitroaniline	9.457	65	45663	9.219	ng		96
49) Acenaphthylene	9.781	152	241454	10.962	ng		98
50) Dimethylphthalate	9.633	163	191729	10.638	ng		99
51) 2,6-Dinitrotoluene	9.698	165	28928	8.655	ng		95
52) Acenaphthene	9.957	154	158214	10.962	ng		99
53) 3-Nitroaniline	9.869	138	38386	9.380	ng		99
54) 2,4-Dinitrophenol	9.975	184	8624	10.761	ng	#	60
55) Dibenzofuran	10.128	168	228160	11.199	ng		97
56) 4-Nitrophenol	10.016	139	24585	7.934	ng		89
57) 2,4-Dinitrotoluene	10.098	165	40299	8.862	ng		95
58) Fluorene	10.469	166	179607	11.683	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	43052	10.041	ng	#	95
60) Diethylphthalate	10.339	149	181846	10.860	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	94000	11.565	ng		98
62) 4-Nitroaniline	10.475	138	36684	9.322	ng		95
63) Azobenzene	10.622	77	188888	10.794	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	16274	6.421	ng		96
66) n-Nitrosodiphenylamine	10.580	169	172118	10.869	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	58980	10.581	ng		96
68) Hexachlorobenzene	11.022	284	67494	10.459	ng		98
69) Atrazine	11.104	200	52016	10.837	ng		98
70) Pentachlorophenol	11.216	266	29608	7.989	ng		96
71) Phenanthrene	11.433	178	275484	11.267	ng		99
72) Anthracene	11.486	178	276694	11.201	ng		99
73) Carbazole	11.639	167	242534	11.086	ng		99
74) Di-n-butylphthalate	11.975	149	275838	10.879	ng		99
75) Fluoranthene	12.627	202	290713	11.510	ng		99
77) Benzidine	12.751	184	128424	10.092	ng		98
78) Pyrene	12.857	202	304789	9.975	ng		99
80) Butylbenzylphthalate	13.480	149	92241	9.296	ng		97
81) Benzo(a)anthracene	14.051	228	246871	10.293	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	66722	9.129	ng	#	99
83) Chrysene	14.086	228	217741	9.809	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	113431	9.483	ng		97
85) Di-n-octyl phthalate	14.657	149	153434	7.810	ng		97
87) Indeno(1,2,3-cd)pyrene	17.027	276	164200	9.011	ng		96
88) Benzo(b)fluoranthene	15.104	252	169146	9.901	ng		99
89) Benzo(k)fluoranthene	15.133	252	174390	11.032	ng		98
90) Benzo(a)pyrene	15.474	252	149543	10.096	ng		100
91) Dibenzo(a,h)anthracene	17.045	278	135992	9.279	ng		97
92) Benzo(g,h,i)perylene	17.474	276	132076	9.012	ng		98

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

ICAL Form

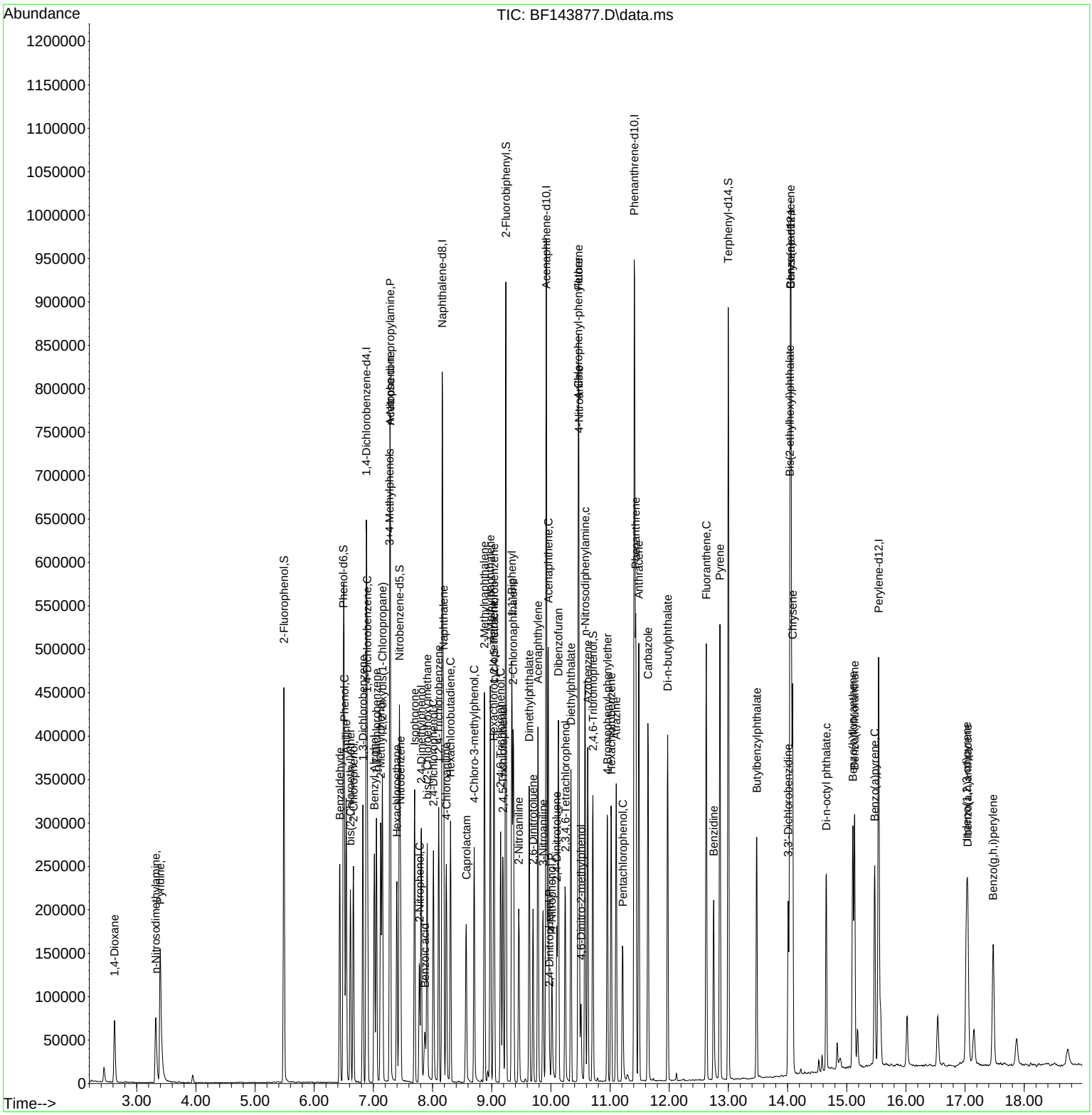
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143877.D
Acq On : 06 Oct 2025 10:57
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 06 15:38:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143878.D
Acq On : 06 Oct 2025 11:56
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	144072	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	561772	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	311297	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	536961	20.000	ng		0.00
76) Chrysene-d12	14.063	240	346764	20.000	ng		0.00
86) Perylene-d12	15.539	264	314616	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	389641	42.947	ng		0.00
7) Phenol-d6	6.498	99	461437	42.670	ng		-0.02
23) Nitrobenzene-d5	7.439	82	389584	42.133	ng		-0.02
42) 2,4,6-Tribromophenol	10.710	330	130577	42.114	ng		-0.01
45) 2-Fluorobiphenyl	9.239	172	831185	42.367	ng		-0.01
79) Terphenyl-d14	12.998	244	881486	43.445	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	86079	20.503	ng		97
3) Pyridine	3.410	79	251988	20.618	ng		99
4) n-Nitrosodimethylamine	3.346	42	128915	20.051	ng		96
6) Aniline	6.540	93	340202	20.994	ng		99
8) 2-Chlorophenol	6.663	128	183611	20.704	ng		99
9) Benzaldehyde	6.434	77	147781	17.715	ng		99
10) Phenol	6.510	94	272100m	21.046	ng		
11) bis(2-Chloroethyl)ether	6.616	93	211296	21.157	ng		100
12) 1,3-Dichlorobenzene	6.822	146	228938	21.566	ng		98
13) 1,4-Dichlorobenzene	6.898	146	225703	21.554	ng		99
14) 1,2-Dichlorobenzene	7.051	146	216196	21.555	ng		98
15) Benzyl Alcohol	7.016	79	164008	20.241	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	471598	20.745	ng		100
17) 2-Methylphenol	7.128	107	151099	20.616	ng		99
18) Hexachloroethane	7.398	117	74147	21.232	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	151838	20.512	ng		99
20) 3+4-Methylphenols	7.281	107	193273	22.753	ng	#	86
22) Acetophenone	7.287	105	259382	21.837	ng		100
24) Nitrobenzene	7.463	77	218497	21.279	ng		100
25) Isophorone	7.698	82	397606	20.393	ng		99
26) 2-Nitrophenol	7.781	139	91336	20.747	ng		96
27) 2,4-Dimethylphenol	7.810	122	163783	20.682	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	260252	21.131	ng		98
29) 2,4-Dichlorophenol	8.016	162	175934	21.328	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	172265	21.234	ng		98
31) Naphthalene	8.186	128	545971	21.365	ng		99
32) Benzoic acid	7.892	122	98172m	17.912	ng		
33) 4-Chloroaniline	8.233	127	200545	20.924	ng		98
34) Hexachlorobutadiene	8.304	225	118056	20.941	ng		98
35) Caprolactam	8.586	113	51159	19.505	ng		97
36) 4-Chloro-3-methylphenol	8.704	107	162629	20.524	ng		97
37) 2-Methylnaphthalene	8.875	142	367401	21.583	ng		99
38) 1-Methylnaphthalene	8.975	142	353459	21.407	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	185181	21.523	ng		98
41) Hexachlorocyclopentadiene	9.033	237	67128	18.807	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	132747	21.116	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143878.D
Acq On : 06 Oct 2025 11:56
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Oct 06 15:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	143043	21.532	ng		98
46) 1,1'-Biphenyl	9.339	154	450706	21.868	ng		100
47) 2-Chloronaphthalene	9.369	162	372531	21.679	ng		96
48) 2-Nitroaniline	9.457	65	115519	21.263	ng		98
49) Acenaphthylene	9.780	152	512980	21.234	ng		100
50) Dimethylphthalate	9.639	163	415359	21.011	ng		100
51) 2,6-Dinitrotoluene	9.698	165	76360	20.831	ng		96
52) Acenaphthene	9.957	154	341066	21.545	ng		99
53) 3-Nitroaniline	9.869	138	95127	21.194	ng		99
54) 2,4-Dinitrophenol	9.975	184	29199	18.734	ng	#	67
55) Dibenzofuran	10.128	168	489250	21.894	ng		98
56) 4-Nitrophenol	10.022	139	66930	19.694	ng		97
57) 2,4-Dinitrotoluene	10.104	165	106136	21.280	ng		99
58) Fluorene	10.469	166	365206	21.659	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	98138	20.869	ng		99
60) Diethylphthalate	10.339	149	396233	21.575	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	194875	21.860	ng		97
62) 4-Nitroaniline	10.480	138	88594	20.526	ng		98
63) Azobenzene	10.622	77	407261	21.218	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	49405	18.309	ng		100
66) n-Nitrosodiphenylamine	10.580	169	362217	21.484	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	123882	20.876	ng		98
68) Hexachlorobenzene	11.022	284	141316	20.570	ng		99
69) Atrazine	11.104	200	114492	22.405	ng		99
70) Pentachlorophenol	11.216	266	81624	20.687	ng		95
71) Phenanthrene	11.439	178	572157	21.979	ng		98
72) Anthracene	11.486	178	567724	21.588	ng		100
73) Carbazole	11.639	167	504282	21.651	ng		99
74) Di-n-butylphthalate	11.974	149	595140	22.047	ng		99
75) Fluoranthene	12.627	202	587348	21.843	ng		98
77) Benzidine	12.751	184	249358	20.710	ng		97
78) Pyrene	12.857	202	613300	21.215	ng		99
80) Butylbenzylphthalate	13.480	149	200832	21.391	ng		97
81) Benzo(a)anthracene	14.051	228	469566	20.693	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	139822	20.219	ng	#	96
83) Chrysene	14.086	228	439378	20.920	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	238132	21.041	ng		100
85) Di-n-octyl phthalate	14.657	149	349721	18.814	ng		100
87) Indeno(1,2,3-cd)pyrene	17.027	276	384441	19.942	ng		97
88) Benzo(b)fluoranthene	15.104	252	355882	19.692	ng		99
89) Benzo(k)fluoranthene	15.133	252	386399	23.106	ng		98
90) Benzo(a)pyrene	15.474	252	326291	20.822	ng		98
91) Dibenzo(a,h)anthracene	17.051	278	319216	20.589	ng		99
92) Benzo(g,h,i)perylene	17.480	276	309120	19.937	ng		98

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

ICAL Form

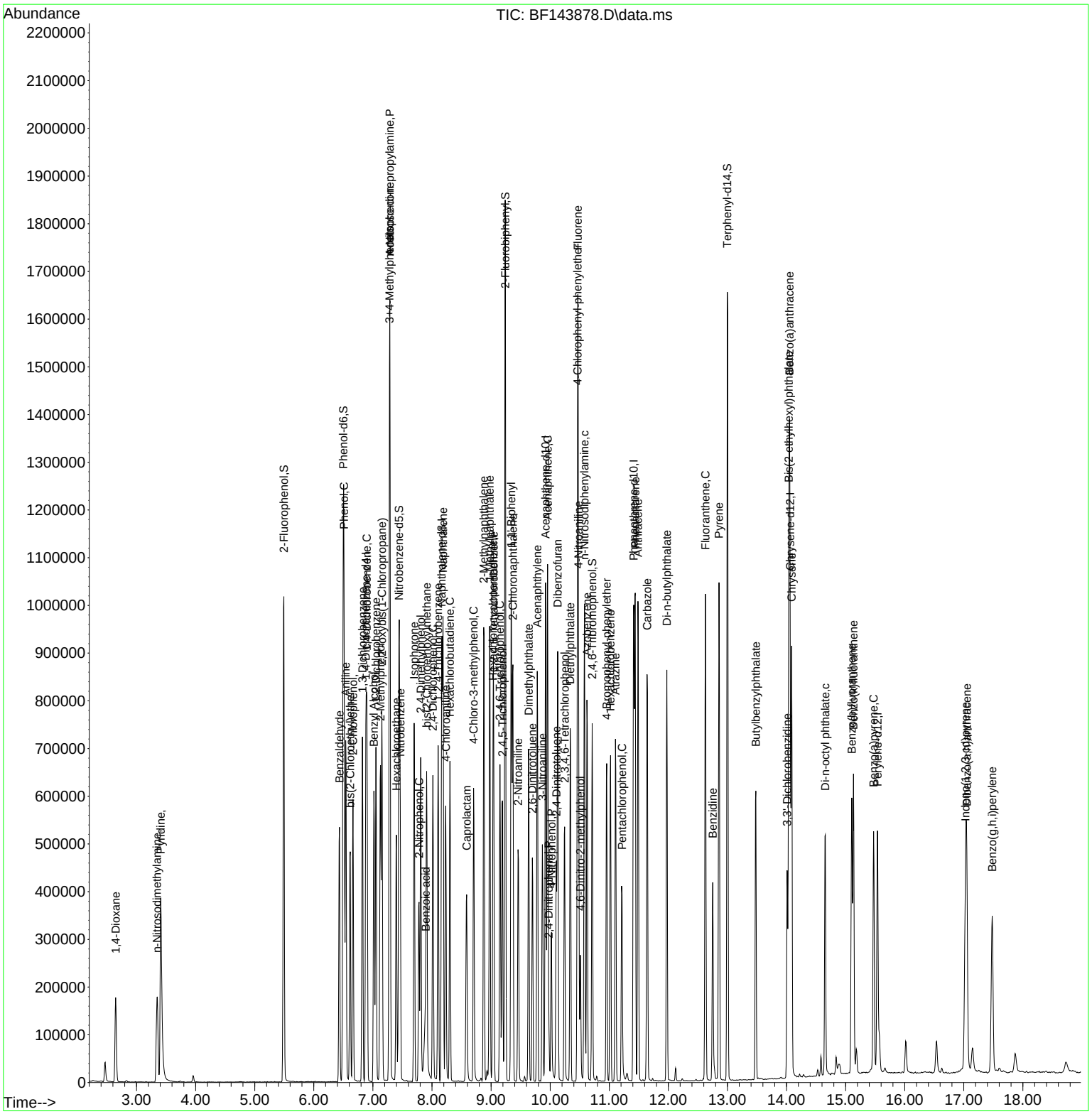
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143878.D
Acq On : 06 Oct 2025 11:56
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 06 15:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143879.D
Acq On : 06 Oct 2025 12:54
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	124152	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	479933	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	260024	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	444949	20.000	ng	0.00
76) Chrysene-d12	14.063	240	254576	20.000	ng	0.00
86) Perylene-d12	15.539	264	250969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	649121	83.027	ng	0.00
7) Phenol-d6	6.504	99	765629	82.158	ng	-0.01
23) Nitrobenzene-d5	7.445	82	662754	83.898	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	215478	83.200	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1273210	77.695	ng	0.00
79) Terphenyl-d14	13.004	244	1302632	87.451	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	151157	41.781	ng	100
3) Pyridine	3.410	79	439985	41.775	ng	100
4) n-Nitrosodimethylamine	3.357	42	225827	40.760	ng	100
6) Aniline	6.545	93	581779	41.662	ng	100
8) 2-Chlorophenol	6.663	128	321394	42.055	ng	100
9) Benzaldehyde	6.434	77	330062	45.914	ng	100
10) Phenol	6.516	94	457250m	41.042	ng	
11) bis(2-Chloroethyl)ether	6.616	93	358980	41.712	ng	100
12) 1,3-Dichlorobenzene	6.822	146	376359	41.141	ng	100
13) 1,4-Dichlorobenzene	6.898	146	372118	41.238	ng	100
14) 1,2-Dichlorobenzene	7.051	146	356137	41.204	ng	100
15) Benzyl Alcohol	7.022	79	291212	41.707	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	804199	41.052	ng	100
17) 2-Methylphenol	7.128	107	261669	41.430	ng	100
18) Hexachloroethane	7.398	117	124325	41.313	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	254701	39.929	ng	100
20) 3+4-Methylphenols	7.281	107	314281	42.934	ng	100
22) Acetophenone	7.292	105	415513	40.946	ng	100
24) Nitrobenzene	7.463	77	375708	42.828	ng	100
25) Isophorone	7.704	82	677007	40.645	ng	100
26) 2-Nitrophenol	7.781	139	167096	44.428	ng	100
27) 2,4-Dimethylphenol	7.810	122	282923	41.818	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	425986	40.486	ng	100
29) 2,4-Dichlorophenol	8.022	162	294452	41.782	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	286330	41.312	ng	100
31) Naphthalene	8.187	128	894263	40.961	ng	100
32) Benzoic acid	7.916	122	199609m	42.630	ng	
33) 4-Chloroaniline	8.234	127	340866	41.630	ng	100
34) Hexachlorobutadiene	8.304	225	198282	41.170	ng	100
35) Caprolactam	8.604	113	91458	40.816	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	275908	40.758	ng	100
37) 2-Methylnaphthalene	8.881	142	591428	40.669	ng	100
38) 1-Methylnaphthalene	8.981	142	581114	41.196	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	306622	42.665	ng	100
41) Hexachlorocyclopentadiene	9.034	237	133694	44.842	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	231469	44.081	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143879.D
Acq On : 06 Oct 2025 12:54
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 06 15:38:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	237161	42.739	ng	100
46) 1,1'-Biphenyl	9.345	154	714293	41.490	ng	100
47) 2-Chloronaphthalene	9.369	162	591442	41.204	ng	100
48) 2-Nitroaniline	9.463	65	203733	44.894	ng	100
49) Acenaphthylene	9.786	152	844067	41.828	ng	100
50) Dimethylphthalate	9.639	163	671290	40.653	ng	100
51) 2,6-Dinitrotoluene	9.704	165	136198	44.481	ng	100
52) Acenaphthene	9.957	154	547286	41.390	ng	100
53) 3-Nitroaniline	9.875	138	159366	42.507	ng	100
54) 2,4-Dinitrophenol	9.981	184	62187	37.010	ng	100
55) Dibenzofuran	10.128	168	776950	41.625	ng	100
56) 4-Nitrophenol	10.028	139	121519	42.807	ng	100
57) 2,4-Dinitrotoluene	10.110	165	189965	45.597	ng	100
58) Fluorene	10.475	166	570508	40.506	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	168932	43.006	ng	100
60) Diethylphthalate	10.345	149	635433	41.422	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	310008	41.632	ng	100
62) 4-Nitroaniline	10.486	138	151866	42.123	ng	100
63) Azobenzene	10.628	77	665698	41.521	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	98551	44.075	ng	100
66) n-Nitrosodiphenylamine	10.586	169	583617	41.773	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	205559	41.803	ng	100
68) Hexachlorobenzene	11.022	284	237363	41.695	ng	100
69) Atrazine	11.110	200	173212	40.905	ng	100
70) Pentachlorophenol	11.216	266	140140	42.862	ng	100
71) Phenanthrene	11.439	178	868592	40.266	ng	100
72) Anthracene	11.492	178	912011	41.850	ng	100
73) Carbazole	11.645	167	786783	40.765	ng	100
74) Di-n-butylphthalate	11.975	149	936899	41.884	ng	100
75) Fluoranthene	12.627	202	918503	41.223	ng	100
77) Benzidine	12.751	184	387464	43.833	ng	100
78) Pyrene	12.863	202	948521	44.692	ng	100
80) Butylbenzylphthalate	13.480	149	315716	45.804	ng	100
81) Benzo(a)anthracene	14.051	228	711609	42.715	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	224071	44.135	ng	100
83) Chrysene	14.086	228	658639	42.717	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	376273	45.286	ng	100
85) Di-n-octyl phthalate	14.657	149	608123	44.561	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	699234	45.470	ng	100
88) Benzo(b)fluoranthene	15.104	252	636888	44.178	ng	100
89) Benzo(k)fluoranthene	15.133	252	556111	41.688	ng	100
90) Benzo(a)pyrene	15.480	252	553098	44.246	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	566134	45.774	ng	100
92) Benzo(g,h,i)perylene	17.492	276	560761	45.340	ng	100

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

ICAL Form

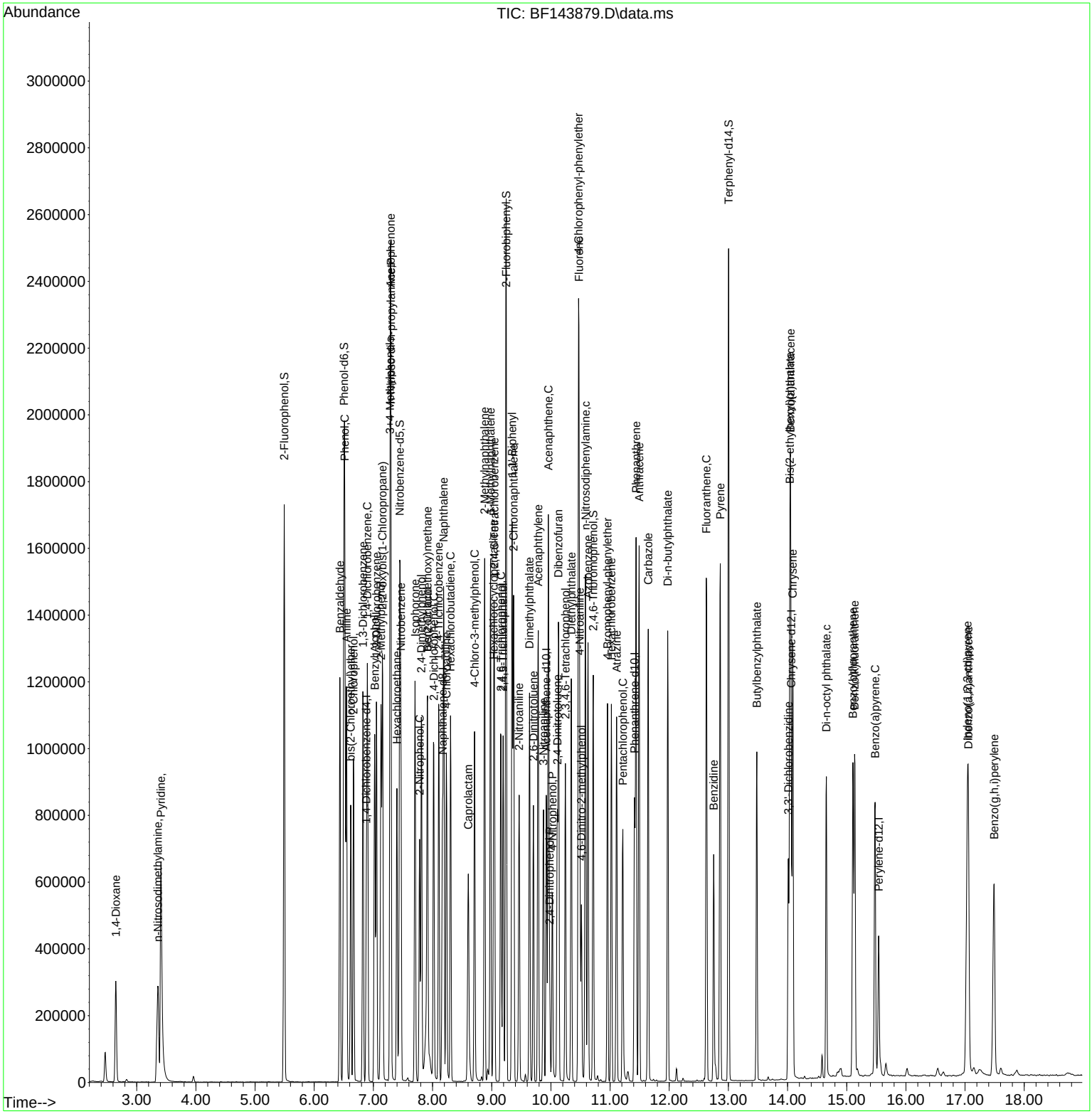
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143879.D
Acq On : 06 Oct 2025 12:54
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 06 15:38:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143880.D
Acq On : 06 Oct 2025 13:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Oct 06 15:38:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	182011	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	710843	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	393762	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	674807	20.000	ng		0.00
76) Chrysene-d12	14.068	240	390779	20.000	ng		0.00
86) Perylene-d12	15.545	264	426414	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1067519	93.138	ng		0.00
7) Phenol-d6	6.510	99	1277645	93.519	ng		0.00
23) Nitrobenzene-d5	7.451	82	1148649	98.174	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	390657	99.608	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1936883	78.050	ng		0.00
79) Terphenyl-d14	13.010	244	2083463	91.121	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	247738	46.709	ng		99
3) Pyridine	3.416	79	759117	49.164	ng		98
4) n-Nitrosodimethylamine	3.381	42	417134	51.355	ng		98
6) Aniline	6.551	93	994174	48.562	ng		99
8) 2-Chlorophenol	6.669	128	546266	48.757	ng		98
9) Benzaldehyde	6.439	77	545259	51.738	ng		99
10) Phenol	6.528	94	799210	48.932	ng		93
11) bis(2-Chloroethyl)ether	6.622	93	595127	47.169	ng		97
12) 1,3-Dichlorobenzene	6.828	146	607764	45.318	ng		98
13) 1,4-Dichlorobenzene	6.904	146	603407	45.612	ng		99
14) 1,2-Dichlorobenzene	7.057	146	583790	46.072	ng		99
15) Benzyl Alcohol	7.028	79	515929	50.402	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1368524	47.652	ng		99
17) 2-Methylphenol	7.134	107	448120	48.397	ng		99
18) Hexachloroethane	7.398	117	207432	47.017	ng		97
19) n-Nitroso-di-n-propyla...	7.310	70	441373	47.198	ng		98
20) 3+4-Methylphenols	7.292	107	485879	45.276	ng	#	83
22) Acetophenone	7.298	105	665276	44.262	ng	#	94
24) Nitrobenzene	7.475	77	625692	48.155	ng		98
25) Isophorone	7.716	82	1181135	47.877	ng		98
26) 2-Nitrophenol	7.786	139	296399	53.208	ng		99
27) 2,4-Dimethylphenol	7.816	122	480868	47.987	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	706471	45.333	ng		99
29) 2,4-Dichlorophenol	8.022	162	497289	47.642	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	473064	46.083	ng		98
31) Naphthalene	8.192	128	1451547	44.890	ng		100
32) Benzoic acid	7.945	122	384635	55.462	ng		98
33) 4-Chloroaniline	8.239	127	567726	46.813	ng		99
34) Hexachlorobutadiene	8.304	225	325186	45.586	ng		99
35) Caprolactam	8.628	113	167817	50.565	ng		99
36) 4-Chloro-3-methylphenol	8.716	107	477376	47.612	ng		98
37) 2-Methylnaphthalene	8.881	142	935960	43.453	ng		99
38) 1-Methylnaphthalene	8.981	142	918550	43.965	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	491771	45.187	ng		99
41) Hexachlorocyclopentadiene	9.033	237	242390	53.686	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	376991	47.410	ng		96

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143880.D
Acq On : 06 Oct 2025 13:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Oct 06 15:38:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	395213	47.031	ng		99
46) 1,1'-Biphenyl	9.351	154	1116775	42.837	ng		99
47) 2-Chloronaphthalene	9.375	162	972675	44.748	ng		98
48) 2-Nitroaniline	9.469	65	348179	50.665	ng		96
49) Acenaphthylene	9.786	152	1364193	44.642	ng		100
50) Dimethylphthalate	9.645	163	1147448	45.888	ng		99
51) 2,6-Dinitrotoluene	9.710	165	246567	53.176	ng		99
52) Acenaphthene	9.963	154	883487	44.122	ng		99
53) 3-Nitroaniline	9.880	138	291630	51.366	ng		97
54) 2,4-Dinitrophenol	9.980	184	140496	51.801	ng	#	82
55) Dibenzofuran	10.133	168	1233091	43.625	ng		99
56) 4-Nitrophenol	10.033	139	226765	52.750	ng		96
57) 2,4-Dinitrotoluene	10.116	165	329984	52.304	ng		98
58) Fluorene	10.480	166	882946	41.398	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	294987	49.591	ng	#	98
60) Diethylphthalate	10.351	149	1053032	45.330	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	477108	42.311	ng		98
62) 4-Nitroaniline	10.498	138	282713	51.782	ng		98
63) Azobenzene	10.627	77	1096875	45.178	ng		97
65) 4,6-Dinitro-2-methylph...	10.527	198	188400	55.558	ng		99
66) n-Nitrosodiphenylamine	10.586	169	943991	44.552	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	339818	45.566	ng		97
68) Hexachlorobenzene	11.027	284	407614	47.211	ng		97
69) Atrazine	11.116	200	309799	48.240	ng		99
70) Pentachlorophenol	11.216	266	259359	52.304	ng		98
71) Phenanthrene	11.445	178	1419666	43.395	ng		100
72) Anthracene	11.492	178	1440404	43.583	ng		99
73) Carbazole	11.645	167	1291982	44.139	ng		99
74) Di-n-butylphthalate	11.980	149	1534951	45.246	ng		100
75) Fluoranthene	12.633	202	1478181	43.744	ng		99
77) Benzidine	12.751	184	636126	46.882	ng		99
78) Pyrene	12.863	202	1505326	46.206	ng		99
80) Butylbenzylphthalate	13.480	149	532754	50.352	ng		99
81) Benzo(a)anthracene	14.051	228	1203843	47.075	ng		98
82) 3,3'-Dichlorobenzidine	14.015	252	391334	50.214	ng		98
83) Chrysene	14.092	228	1090275	46.065	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	626818	49.146	ng		99
85) Di-n-octyl phthalate	14.657	149	1082833	51.691	ng		99
87) Indeno(1,2,3-cd)pyrene	17.045	276	1316167	50.373	ng		100
88) Benzo(b)fluoranthene	15.110	252	1167220	47.652	ng		98
89) Benzo(k)fluoranthene	15.139	252	983488	43.392	ng		98
90) Benzo(a)pyrene	15.480	252	997382	46.960	ng		97
91) Dibenzo(a,h)anthracene	17.068	278	1039281	49.457	ng		97
92) Benzo(g,h,i)perylene	17.503	276	1056021	50.253	ng		100

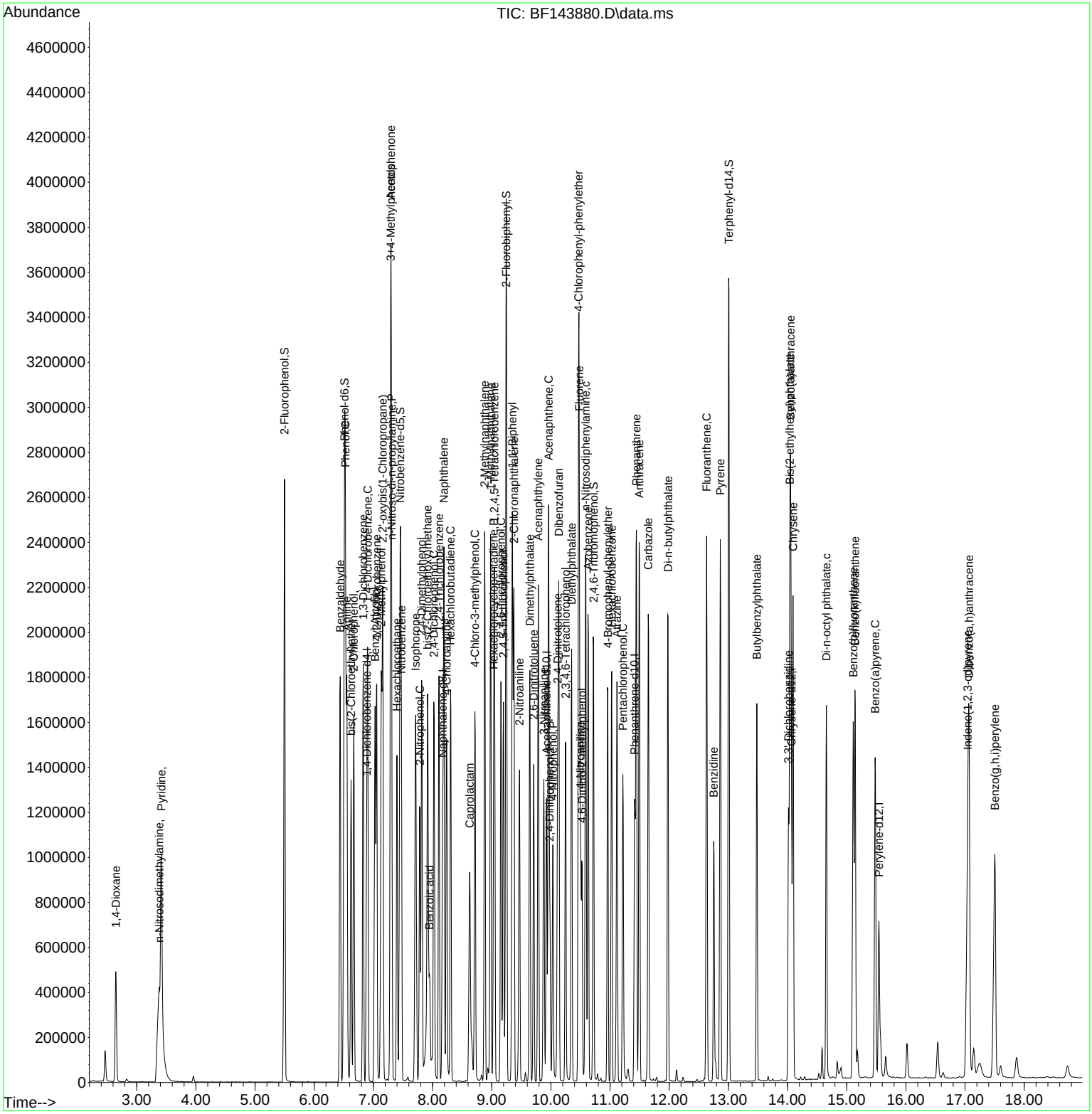
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143880.D
Acq On : 06 Oct 2025 13:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Oct 06 15:38:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143881.D
Acq On : 06 Oct 2025 13:53
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Oct 06 15:38:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	136069	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	524164	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	286024	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	485489	20.000	ng	0.00
76) Chrysene-d12	14.063	240	287097	20.000	ng	0.00
86) Perylene-d12	15.539	264	309882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	961239	112.181	ng	0.00
7) Phenol-d6	6.510	99	1132663	110.899	ng	0.00
23) Nitrobenzene-d5	7.451	82	1021762	118.430	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	343442	120.554	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1764203	97.871	ng	0.00
79) Terphenyl-d14	13.004	244	1861234	110.799	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	235125	59.298	ng	98
3) Pyridine	3.410	79	685786	59.411	ng	99
4) n-Nitrosodimethylamine	3.369	42	371223	61.134	ng	96
6) Aniline	6.551	93	870980	56.909	ng	100
8) 2-Chlorophenol	6.669	128	482622	57.621	ng	98
9) Benzaldehyde	6.440	77	567228	71.995	ng	99
10) Phenol	6.528	94	710019	58.149	ng	94
11) bis(2-Chloroethyl)ether	6.622	93	531386	56.337	ng	98
12) 1,3-Dichlorobenzene	6.828	146	541823	54.041	ng	99
13) 1,4-Dichlorobenzene	6.904	146	547027	55.312	ng	100
14) 1,2-Dichlorobenzene	7.051	146	525807	55.507	ng	99
15) Benzyl Alcohol	7.028	79	450578	58.880	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1202366	56.002	ng	100
17) 2-Methylphenol	7.134	107	402660	58.170	ng	97
18) Hexachloroethane	7.398	117	189228	57.373	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	383071	54.794	ng	99
20) 3+4-Methylphenols	7.287	107	435782	54.319	ng	94
22) Acetophenone	7.298	105	589502	53.189	ng	98
24) Nitrobenzene	7.469	77	574563	59.969	ng	99
25) Isophorone	7.710	82	1042198	57.290	ng	99
26) 2-Nitrophenol	7.781	139	272450	66.327	ng	99
27) 2,4-Dimethylphenol	7.816	122	437344	59.187	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	631066	54.917	ng	99
29) 2,4-Dichlorophenol	8.022	162	442749	57.524	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	428102	56.555	ng	98
31) Naphthalene	8.192	128	1284573	53.874	ng	100
32) Benzoic acid	7.940	122	348955	68.237	ng	97
33) 4-Chloroaniline	8.239	127	504823	56.451	ng	99
34) Hexachlorobutadiene	8.304	225	294507	55.989	ng	98
35) Caprolactam	8.622	113	146970	60.055	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	423904	57.336	ng	99
37) 2-Methylnaphthalene	8.881	142	838837	52.814	ng	100
38) 1-Methylnaphthalene	8.981	142	822755	53.405	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	445714	56.382	ng	98
41) Hexachlorocyclopentadiene	9.034	237	205978	62.806	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	338809	58.657	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143881.D
Acq On : 06 Oct 2025 13:53
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Oct 06 15:38:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	345605	56.620	ng		98
46) 1,1'-Biphenyl	9.345	154	1004440	53.040	ng		99
47) 2-Chloronaphthalene	9.375	162	860999	54.531	ng		98
48) 2-Nitroaniline	9.463	65	312884	62.679	ng		99
49) Acenaphthylene	9.786	152	1223951	55.140	ng		99
50) Dimethylphthalate	9.645	163	1031391	56.783	ng		100
51) 2,6-Dinitrotoluene	9.710	165	214169	63.587	ng		99
52) Acenaphthene	9.963	154	801773	55.124	ng		99
53) 3-Nitroaniline	9.881	138	255984	62.070	ng		96
54) 2,4-Dinitrophenol	9.981	184	123295	61.138	ng		95
55) Dibenzofuran	10.133	168	1111183	54.120	ng		99
56) 4-Nitrophenol	10.034	139	195321	62.550	ng		92
57) 2,4-Dinitrotoluene	10.110	165	297018	64.812	ng		97
58) Fluorene	10.475	166	791518	51.090	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	264796	61.283	ng	#	97
60) Diethylphthalate	10.351	149	948580	56.214	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	433339	52.905	ng		97
62) 4-Nitroaniline	10.498	138	247024	62.288	ng		98
63) Azobenzene	10.628	77	992054	56.252	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	166740	68.344	ng		99
66) n-Nitrosodiphenylamine	10.586	169	850570	55.797	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	302165	56.317	ng		98
68) Hexachlorobenzene	11.028	284	356406	57.378	ng		97
69) Atrazine	11.116	200	257412	55.713	ng		98
70) Pentachlorophenol	11.216	266	224011	62.792	ng		99
71) Phenanthrene	11.439	178	1270063	53.961	ng		99
72) Anthracene	11.492	178	1282940	53.956	ng		99
73) Carbazole	11.645	167	1170717	55.592	ng		99
74) Di-n-butylphthalate	11.975	149	1389569	56.934	ng		100
75) Fluoranthene	12.633	202	1325716	54.530	ng		99
77) Benzidine	12.751	184	551394	55.312	ng		98
78) Pyrene	12.863	202	1359513	56.800	ng		99
80) Butylbenzylphthalate	13.480	149	476448	61.293	ng		98
81) Benzo(a)anthracene	14.051	228	1111626	59.168	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	347863	60.756	ng		99
83) Chrysene	14.092	228	969765	55.770	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	579121	61.804	ng		99
85) Di-n-octyl phthalate	14.657	149	991597	64.431	ng		99
87) Indeno(1,2,3-cd)pyrene	17.045	276	1173726	61.815	ng		100
88) Benzo(b)fluoranthene	15.110	252	1117484	62.778	ng		99
89) Benzo(k)fluoranthene	15.139	252	855988	51.969	ng		99
90) Benzo(a)pyrene	15.480	252	901585	58.412	ng		98
91) Dibenzo(a,h)anthracene	17.062	278	935987	61.291	ng		98
92) Benzo(g,h,i)perylene	17.504	276	946452	61.976	ng		98

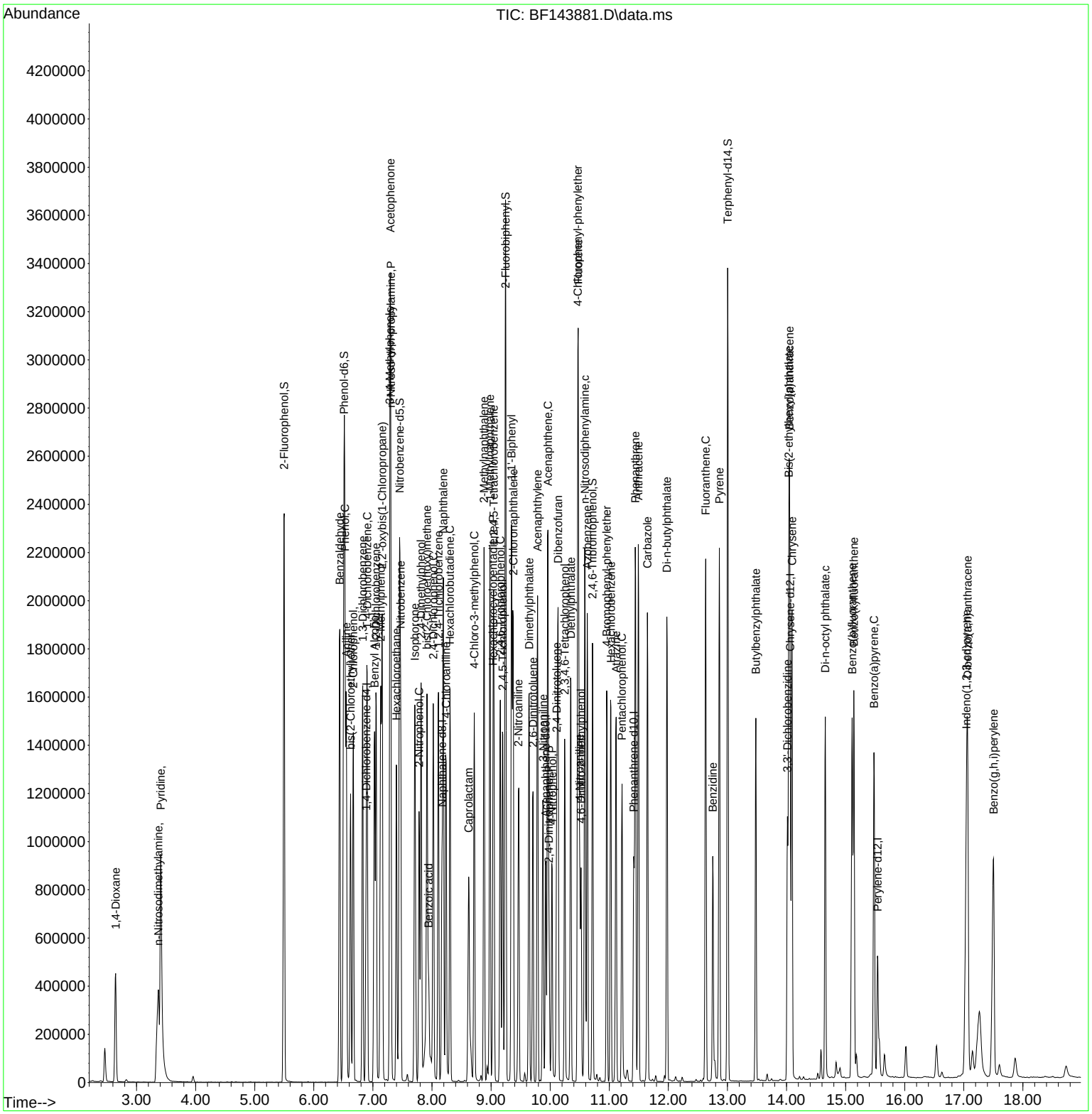
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143881.D
Acq On : 06 Oct 2025 13:53
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Oct 06 15:38:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143882.D
Acq On : 06 Oct 2025 14:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:39:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	153550	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	584564	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	320335	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	540366	20.000	ng		0.00
76) Chrysene-d12	14.068	240	302500	20.000	ng		0.00
86) Perylene-d12	15.545	264	357911	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1325806	137.113	ng		0.00
7) Phenol-d6	6.516	99	1617892	140.374	ng		0.00
23) Nitrobenzene-d5	7.457	82	1436124	149.259	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	495811	155.397	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	13.010	244	2382437	134.604	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	334123	74.672	ng		98
3) Pyridine	3.416	79	1009551	77.503	ng		99
4) n-Nitrosodimethylamine	3.387	42	552664	80.653	ng		96
6) Aniline	6.551	93	1226438	71.012	ng		94
8) 2-Chlorophenol	6.669	128	683900	72.356	ng		100
9) Benzaldehyde	6.439	77	546849	61.507	ng		99
10) Phenol	6.534	94	976173	70.844	ng		83
11) bis(2-Chloroethyl)ether	6.628	93	760388	71.438	ng		98
12) 1,3-Dichlorobenzene	6.828	146	746378	65.969	ng		98
13) 1,4-Dichlorobenzene	6.904	146	727973	65.228	ng		100
14) 1,2-Dichlorobenzene	7.057	146	708144	66.244	ng		99
15) Benzyl Alcohol	7.034	79	664305	76.926	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1670583	68.951	ng		97
17) 2-Methylphenol	7.134	107	569618	72.921	ng		98
18) Hexachloroethane	7.398	117	256173	68.827	ng		98
19) n-Nitroso-di-n-propyla...	7.316	70	559967	70.978	ng		99
20) 3+4-Methylphenols	7.298	107	573027	63.295	ng	#	78
22) Acetophenone	7.304	105	795315	64.345	ng	#	92
24) Nitrobenzene	7.475	77	800306	74.900	ng		98
25) Isophorone	7.722	82	1534787	75.651	ng		98
26) 2-Nitrophenol	7.786	139	389145	84.948	ng		98
27) 2,4-Dimethylphenol	7.822	122	616626	74.828	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	888473	69.328	ng		99
29) 2,4-Dichlorophenol	8.028	162	620755	72.318	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	583022	69.063	ng		99
31) Naphthalene	8.192	128	1710914	64.341	ng		99
32) Benzoic acid	7.963	122	539440m	94.587	ng		
33) 4-Chloroaniline	8.239	127	697350	69.923	ng		98
34) Hexachlorobutadiene	8.310	225	404619	68.974	ng		98
35) Caprolactam	8.645	113	218801	80.169	ng		97
36) 4-Chloro-3-methylphenol	8.722	107	598614	72.601	ng		98
37) 2-Methylnaphthalene	8.886	142	1138146	64.254	ng		99
38) 1-Methylnaphthalene	8.986	142	1087879	63.318	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	594660	67.166	ng		98
41) Hexachlorocyclopentadiene	9.033	237	301178	81.998	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	481852	74.487	ng		97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143882.D
Acq On : 06 Oct 2025 14:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 06 15:39:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	487322	71.286	ng	99
46) 1,1'-Biphenyl	9.351	154	1344805	63.407	ng	98
47) 2-Chloronaphthalene	9.375	162	1170019	66.165	ng	98
48) 2-Nitroaniline	9.469	65	445537	79.693	ng	99
49) Acenaphthylene	9.786	152	1644728	66.159	ng	100
50) Dimethylphthalate	9.645	163	1415482	69.582	ng	100
51) 2,6-Dinitrotoluene	9.716	165	303176	80.372	ng	97
52) Acenaphthene	9.963	154	1085733	66.651	ng	99
53) 3-Nitroaniline	9.886	138	365960	79.233	ng	98
54) 2,4-Dinitrophenol	9.986	184	187560	80.556	ng	97
55) Dibenzofuran	10.133	168	1471622	63.998	ng	98
56) 4-Nitrophenol	10.039	139	294937	84.335	ng	95
57) 2,4-Dinitrotoluene	10.116	165	409463	79.779	ng	94
58) Fluorene	10.480	166	1069764	61.654	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	368599	76.170	ng	98
60) Diethylphthalate	10.351	149	1267085	67.047	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	572035	62.357	ng	96
62) 4-Nitroaniline	10.510	138	351634	79.169	ng	98
63) Azobenzene	10.633	77	1351920	68.446	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	236863	87.227	ng	99
66) n-Nitrosodiphenylamine	10.592	169	1139482	67.159	ng	98
67) 4-Bromophenyl-phenylether	10.963	248	423148	70.857	ng	98
68) Hexachlorobenzene	11.027	284	498602	72.118	ng	97
69) Atrazine	11.121	200	347749	67.621	ng	99
70) Pentachlorophenol	11.221	266	318486	80.208	ng	99
71) Phenanthrene	11.445	178	1676081	63.980	ng	99
72) Anthracene	11.498	178	1688865	63.814	ng	99
73) Carbazole	11.651	167	1519615	64.832	ng	100
74) Di-n-butylphthalate	11.980	149	1793855	66.034	ng	100
75) Fluoranthene	12.633	202	1706368	63.059	ng	99
78) Pyrene	12.863	202	1718085	68.126	ng	99
80) Butylbenzylphthalate	13.480	149	633516	77.349	ng	97
81) Benzo(a)anthracene	14.057	228	1449801	73.238	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	461359	76.476	ng	98
83) Chrysene	14.092	228	1349286	73.645	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	749327	75.897	ng	100
85) Di-n-octyl phthalate	14.657	149	1370760	84.532	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	1786876	81.478	ng	99
88) Benzo(b)fluoranthene	15.115	252	1431875	69.645	ng	98
89) Benzo(k)fluoranthene	15.145	252	1362026	71.595	ng	98
90) Benzo(a)pyrene	15.486	252	1321893	74.151	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	1391562	78.895	ng	97
92) Benzo(g,h,i)perylene	17.515	276	1451721	82.305	ng	98

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

ICAL Form

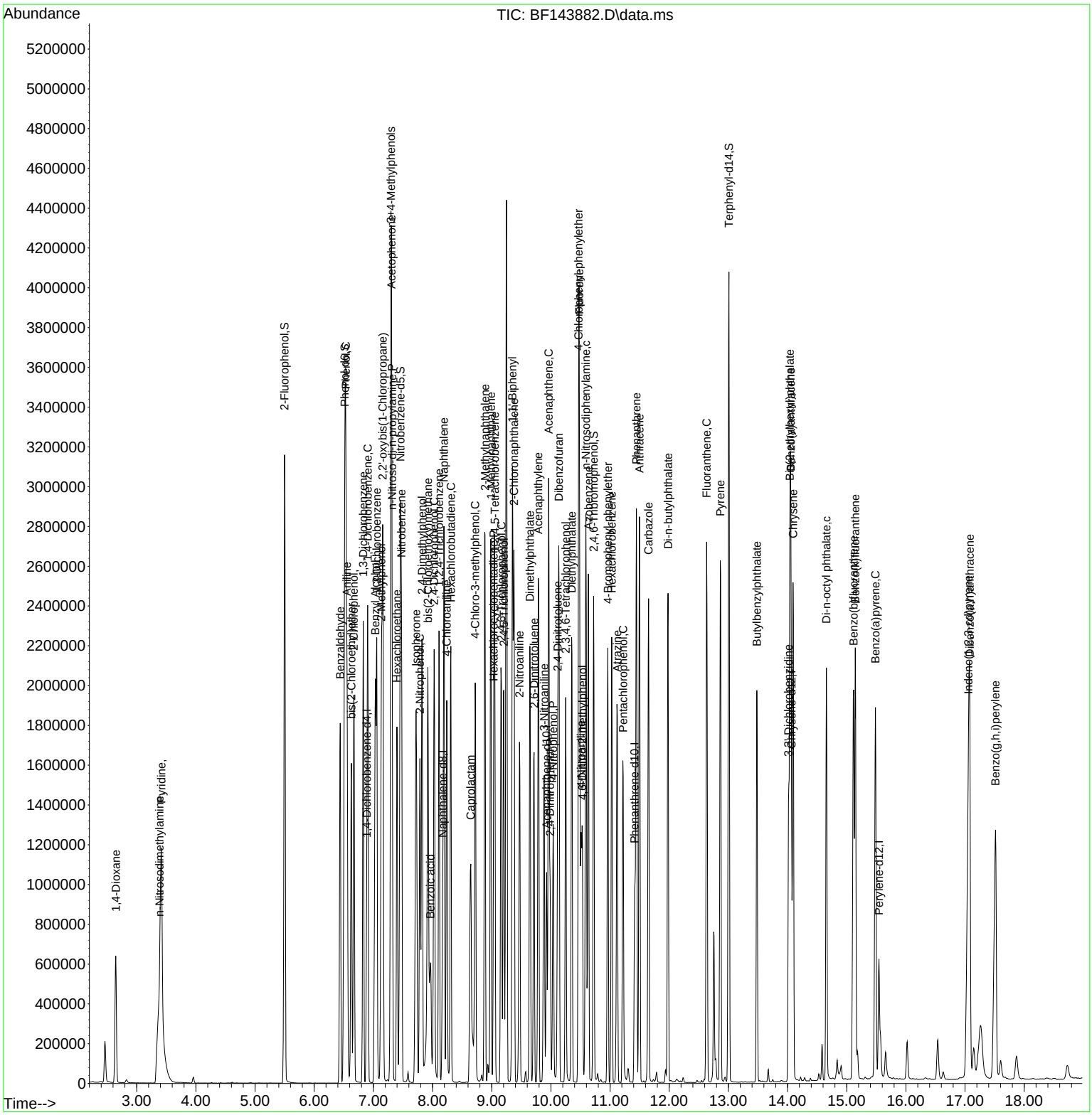
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143882.D
Acq On : 06 Oct 2025 14:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 06 15:39:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114039	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	448972	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	247780	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	431562	20.000	ng	0.00
76) Chrysene-d12	14.063	240	259802	20.000	ng	0.00
86) Perylene-d12	15.539	264	249446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	537941	74.908	ng	0.00
7) Phenol-d6	6.498	99	637597	74.487	ng	-0.02
23) Nitrobenzene-d5	7.445	82	549291	74.330	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	176914	71.685	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1055942	67.621	ng	-0.01
79) Terphenyl-d14	13.004	244	1131636	74.443	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	123809	37.256	ng	99
3) Pyridine	3.410	79	341125	35.261	ng	99
4) n-Nitrosodimethylamine	3.357	42	195710	38.456	ng	97
6) Aniline	6.545	93	486607	37.937	ng	99
8) 2-Chlorophenol	6.663	128	267562	38.116	ng	98
9) Benzaldehyde	6.434	77	245247	37.141	ng	99
10) Phenol	6.516	94	383770m	37.501	ng	
11) bis(2-Chloroethyl)ether	6.616	93	289024	36.561	ng	99
12) 1,3-Dichlorobenzene	6.822	146	317865	37.828	ng	100
13) 1,4-Dichlorobenzene	6.898	146	318221	38.392	ng	100
14) 1,2-Dichlorobenzene	7.051	146	314832	39.655	ng	99
15) Benzyl Alcohol	7.022	79	249958	38.974	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	676009	37.568	ng	99
17) 2-Methylphenol	7.128	107	222497	38.352	ng	96
18) Hexachloroethane	7.398	117	104363	37.755	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	214516	36.612	ng	98
20) 3+4-Methylphenols	7.281	107	268144	39.880	ng	94
22) Acetophenone	7.292	105	358014	37.713	ng	96
24) Nitrobenzene	7.463	77	309611	37.727	ng	100
25) Isophorone	7.704	82	550779	35.347	ng	99
26) 2-Nitrophenol	7.781	139	136223	38.717	ng	99
27) 2,4-Dimethylphenol	7.810	122	258524	40.847	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	360632	36.639	ng	98
29) 2,4-Dichlorophenol	8.016	162	243265	36.899	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	243161	37.503	ng	98
31) Naphthalene	8.186	128	749110	36.679	ng	99
32) Benzoic acid	7.904	122	154019	35.162	ng	98
33) 4-Chloroaniline	8.233	127	321328	41.950	ng	98
34) Hexachlorobutadiene	8.304	225	158600	35.201	ng	95
35) Caprolactam	8.598	113	79102	37.736	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	228481	36.079	ng	99
37) 2-Methylnaphthalene	8.881	142	452442	33.257	ng	99
38) 1-Methylnaphthalene	8.980	142	465414	35.269	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	254223	37.122	ng	98
41) Hexachlorocyclopentadiene	9.033	237	139168	48.984	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	183769	36.726	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186099	35.194	ng		96
46) 1,1'-Biphenyl	9.345	154	603213	36.770	ng		98
47) 2-Chloronaphthalene	9.369	162	498615	36.454	ng		97
48) 2-Nitroaniline	9.463	65	168191	38.894	ng		99
49) Acenaphthylene	9.786	152	785697	40.859	ng		99
50) Dimethylphthalate	9.645	163	565953	35.968	ng		99
51) 2,6-Dinitrotoluene	9.704	165	122449	41.967	ng		99
52) Acenaphthene	9.957	154	452513	35.913	ng		99
53) 3-Nitroaniline	9.875	138	144668	40.493	ng		95
54) 2,4-Dinitrophenol	9.975	184	52796	33.731	ng	#	42
55) Dibenzofuran	10.127	168	653073	36.717	ng		99
56) 4-Nitrophenol	10.022	139	99684	36.850	ng		96
57) 2,4-Dinitrotoluene	10.104	165	163440	41.169	ng		99
58) Fluorene	10.475	166	476811	35.527	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	144064	38.488	ng		93
60) Diethylphthalate	10.345	149	533574	36.501	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	256247	36.113	ng		96
62) 4-Nitroaniline	10.486	138	127369	37.074	ng		99
63) Azobenzene	10.627	77	562787	36.837	ng		100
65) 4,6-Dinitro-2-methylph...	10.516	198	80422	37.083	ng		96
66) n-Nitrosodiphenylamine	10.580	169	496618	36.649	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	162033	33.973	ng		95
68) Hexachlorobenzene	11.022	284	190028	34.415	ng		99
69) Atrazine	11.110	200	160244	39.016	ng		98
70) Pentachlorophenol	11.216	266	104958	33.097	ng		99
71) Phenanthrene	11.439	178	743609	35.542	ng		99
72) Anthracene	11.492	178	766674	36.273	ng		99
73) Carbazole	11.645	167	678522	36.246	ng		99
74) Di-n-butylphthalate	11.974	149	806451	37.171	ng		99
75) Fluoranthene	12.627	202	778418	36.019	ng		99
77) Benzidine	12.751	184	409653	45.411	ng		98
78) Pyrene	12.863	202	789075	36.431	ng		99
80) Butylbenzylphthalate	13.480	149	274237	38.986	ng		98
81) Benzo(a)anthracene	14.051	228	614473	36.142	ng		100
82) 3,3'-Dichlorobenzidine	14.015	252	221480	42.747	ng		99
83) Chrysene	14.086	228	594668	37.792	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	326966	38.560	ng		99
85) Di-n-octyl phthalate	14.657	149	502989	36.116	ng		99
87) Indeno(1,2,3-cd)pyrene	17.033	276	563492	36.867	ng		98
88) Benzo(b)fluoranthene	15.104	252	537814	37.533	ng		99
89) Benzo(k)fluoranthene	15.133	252	467396	35.252	ng		100
90) Benzo(a)pyrene	15.474	252	470896	37.900	ng		98
91) Dibenzo(a,h)anthracene	17.051	278	454776	36.995	ng		97
92) Benzo(g,h,i)perylene	17.486	276	456833	37.162	ng		98

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

ICAL Form

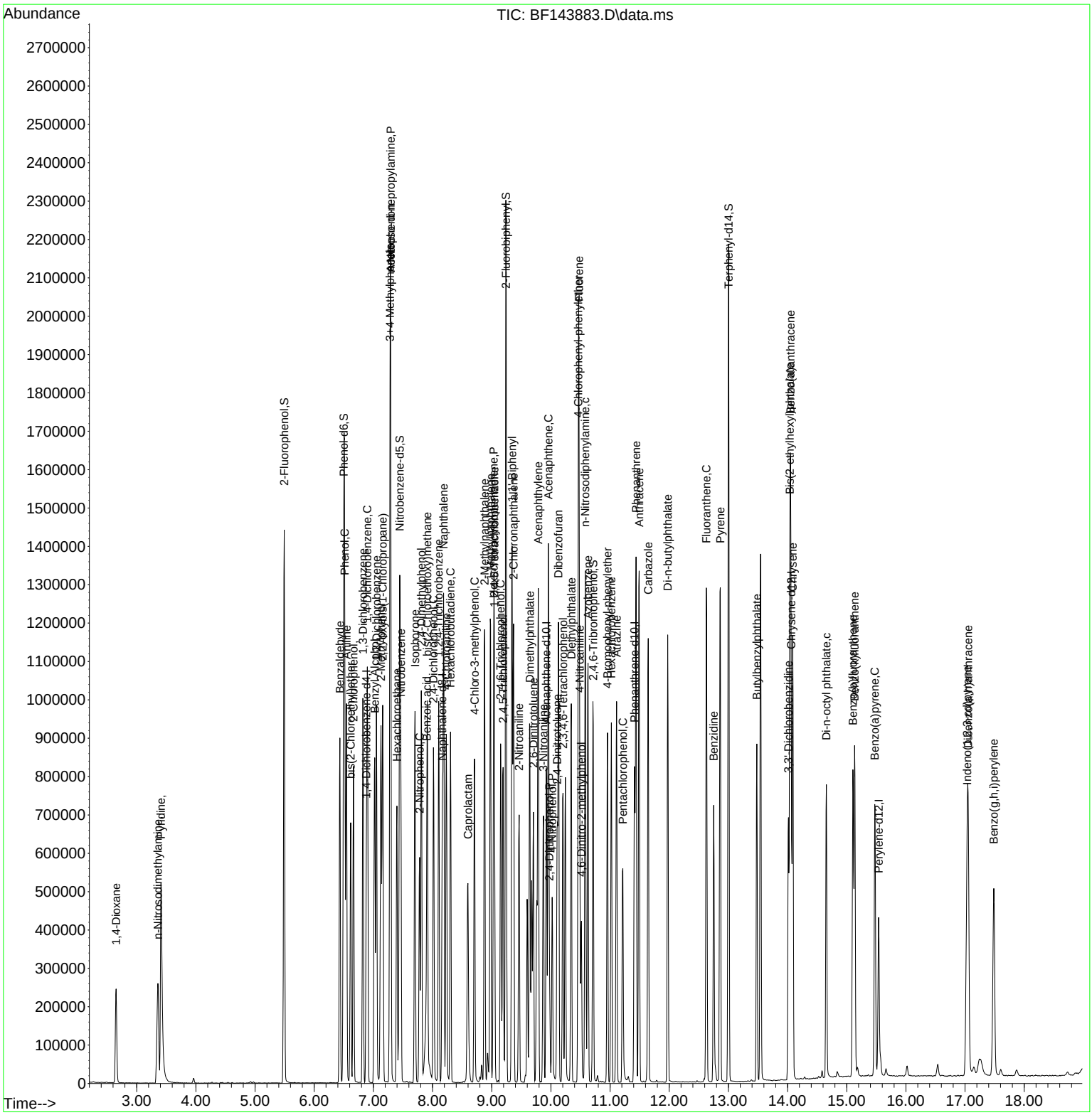
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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	92	0.00
2		1,4-Dioxane	0.583	0.543	6.9	82	0.00
3		Pyridine	1.697	1.496	11.8	78	0.00
4		n-Nitrosodimethylamine	0.893	0.858	3.9	87	-0.03
5	S	2-Fluorophenol	1.259	1.179	6.4	83	0.00
6		Aniline	2.250	2.134	5.2	84	0.00
7	S	Phenol-d6	1.501	1.398	6.9	83	-0.02
8		2-Chlorophenol	1.231	1.173	4.7	83	0.00
9		Benzaldehyde	1.158	1.075	7.2	74	0.00
10	C	Phenol	1.795	1.683	6.2	84	-0.02
11		bis(2-Chloroethyl)ether	1.386	1.267	8.6	81	-0.01
12		1,3-Dichlorobenzene	1.474	1.394	5.4	84	0.00
13	C	1,4-Dichlorobenzene	1.454	1.395	4.1	86	0.00
14		1,2-Dichlorobenzene	1.392	1.380	0.9	88	0.00
15		Benzyl Alcohol	1.125	1.096	2.6	86	-0.01
16		2,2'-oxybis(1-Chloropropane	3.156	2.964	6.1	84	0.00
17		2-Methylphenol	1.017	0.976	4.0	85	0.00
18		Hexachloroethane	0.485	0.458	5.6	84	0.00
19	P	n-Nitroso-di-n-propylamine	1.028	0.941	8.5	84	-0.02
20		3+4-Methylphenols	1.179	1.176	0.3	85	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	94	0.00
22		Acetophenone	0.423	0.399	5.7	86	-0.01
23	S	Nitrobenzene-d5	0.329	0.306	7.0	83	-0.01
24		Nitrobenzene	0.366	0.345	5.7	82	-0.01
25		Isophorone	0.694	0.613	11.7	81	-0.02
26	C	2-Nitrophenol	0.157	0.152	3.2	82	0.00
27		2,4-Dimethylphenol	0.282	0.288	-2.1	91	-0.01
28		bis(2-Chloroethoxy)methane	0.438	0.402	8.2	85	-0.01
29	C	2,4-Dichlorophenol	0.294	0.271	7.8	83	-0.01
30		1,2,4-Trichlorobenzene	0.289	0.271	6.2	85	0.00
31		Naphthalene	0.910	0.834	8.4	84	0.00
32		Benzoic acid	0.195	0.172	11.8	80	-0.06
33		4-Chloroaniline	0.341	0.358	-5.0	94	0.00
34	C	Hexachlorobutadiene	0.201	0.177	11.9	80	0.00
35		Caprolactam	0.093	0.088	5.4	86	-0.05
36	C	4-Chloro-3-methylphenol	0.282	0.254	9.9	83	-0.01
37		2-Methylnaphthalene	0.606	0.504	16.8	76	0.00
38		1-Methylnaphthalene	0.588	0.518	11.9	80	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40		1,2,4,5-Tetrachlorobenzene	0.553	0.513	7.2	83	0.00
41	P	Hexachlorocyclopentadiene	0.229	0.281	-22.7	104	0.00
42	S	2,4,6-Tribromophenol	0.199	0.178	10.6	82	0.00
43	C	2,4,6-Trichlorophenol	0.404	0.371	8.2	79	-0.01
44		2,4,5-Trichlorophenol	0.427	0.376	11.9	78	-0.01
45	S	2-Fluorobiphenyl	1.260	1.065	15.5	83	-0.01
46		1,1'-Biphenyl	1.324	1.217	8.1	84	0.00
47		2-Chloronaphthalene	1.104	1.006	8.9	84	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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	0.349	0.339	2.9	83	0.00
49		Acenaphthylene	1.552	1.585	-2.1	93	0.00
50		Dimethylphthalate	1.270	1.142	10.1	84	0.00
51		2,6-Dinitrotoluene	0.236	0.247	-4.7	90	-0.01
52	C	Acenaphthene	1.017	0.913	10.2	83	0.00
53		3-Nitroaniline	0.288	0.292	-1.4	91	-0.01
54	P	2,4-Dinitrophenol	0.118	0.107	9.3	85	-0.01
55		Dibenzofuran	1.436	1.318	8.2	84	0.00
56	P	4-Nitrophenol	0.218	0.201	7.8	82	-0.02
57		2,4-Dinitrotoluene	0.320	0.330	-3.1	86	-0.01
58		Fluorene	1.083	0.962	11.2	84	0.00
59		2,3,4,6-Tetrachlorophenol	0.302	0.291	3.6	85	-0.05
60		Diethylphthalate	1.180	1.077	8.7	84	0.00
61		4-Chlorophenyl-phenylether	0.573	0.517	9.8	83	0.00
62		4-Nitroaniline	0.277	0.257	7.2	84	-0.02
63		Azobenzene	1.233	1.136	7.9	85	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	97	0.00
65		4,6-Dinitro-2-methylphenol	0.101	0.093	7.9	82	-0.02
66	c	n-Nitrosodiphenylamine	0.628	0.575	8.4	85	-0.01
67		4-Bromophenyl-phenylether	0.221	0.188	14.9	79	0.00
68		Hexachlorobenzene	0.256	0.220	14.1	80	0.00
69		Atrazine	0.190	0.186	2.1	93	-0.01
70	C	Pentachlorophenol	0.147	0.122	17.0	75	0.00
71		Phenanthrene	0.970	0.862	11.1	86	0.00
72		Anthracene	0.980	0.888	9.4	84	0.00
73		Carbazole	0.868	0.786	9.4	86	0.00
74		Di-n-butylphthalate	1.005	0.934	7.1	86	0.00
75	C	Fluoranthene	1.002	0.902	10.0	85	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77		Benzidine	0.694	0.788	-13.5	106	0.00
78		Pyrene	1.667	1.519	8.9	83	0.00
79	S	Terphenyl-d14	1.170	1.089	6.9	87	0.00
80		Butylbenzylphthalate	0.542	0.528	2.6	87	0.00
81		Benzo(a)anthracene	1.309	1.183	9.6	86	0.00
82		3,3'-Dichlorobenzidine	0.399	0.426	-6.8	99	0.00
83		Chrysene	1.211	1.144	5.5	90	0.00
84		Bis(2-ethylhexyl)phthalate	0.653	0.629	3.7	87	0.00
85	c	Di-n-octyl phthalate	1.072	0.968	9.7	83	0.00
86	I	Perylene-d12	1.000	1.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	1.225	1.129	7.8	81	-0.02
88		Benzo(b)fluoranthene	1.149	1.078	6.2	84	-0.01
89		Benzo(k)fluoranthene	1.063	0.937	11.9	84	-0.01
90	C	Benzo(a)pyrene	0.996	0.944	5.2	85	-0.01
91		Dibenzo(a,h)anthracene	0.986	0.912	7.5	80	-0.03
92		Benzo(g,h,i)perylene	0.986	0.916	7.1	81	-0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	92	0.00
2		1,4-Dioxane	40.000	37.256	6.9	82	0.00
3		Pyridine	40.000	35.261	11.8	78	0.00
4		n-Nitrosodimethylamine	40.000	38.456	3.9	87	-0.03
5	S	2-Fluorophenol	80.000	74.908	6.4	83	0.00
6		Aniline	40.000	37.937	5.2	84	0.00
7	S	Phenol-d6	80.000	74.487	6.9	83	-0.02
8		2-Chlorophenol	40.000	38.116	4.7	83	0.00
9		Benzaldehyde	40.000	37.141	7.1	74	0.00
10	C	Phenol	40.000	37.501	6.2	84	-0.02
11		bis(2-Chloroethyl)ether	40.000	36.561	8.6	81	-0.01
12		1,3-Dichlorobenzene	40.000	37.828	5.4	84	0.00
13	C	1,4-Dichlorobenzene	40.000	38.392	4.0	86	0.00
14		1,2-Dichlorobenzene	40.000	39.655	0.9	88	0.00
15		Benzyl Alcohol	40.000	38.974	2.6	86	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	37.568	6.1	84	0.00
17		2-Methylphenol	40.000	38.352	4.1	85	0.00
18		Hexachloroethane	40.000	37.755	5.6	84	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	36.612	8.5	84	-0.02
20		3+4-Methylphenols	40.000	39.880	0.3	85	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	94	0.00
22		Acetophenone	40.000	37.713	5.7	86	-0.01
23	S	Nitrobenzene-d5	80.000	74.330	7.1	83	-0.01
24		Nitrobenzene	40.000	37.727	5.7	82	-0.01
25		Isophorone	40.000	35.347	11.6	81	-0.02
26	C	2-Nitrophenol	40.000	38.717	3.2	82	0.00
27		2,4-Dimethylphenol	40.000	40.847	-2.1	91	-0.01
28		bis(2-Chloroethoxy)methane	40.000	36.639	8.4	85	-0.01
29	C	2,4-Dichlorophenol	40.000	36.899	7.8	83	-0.01
30		1,2,4-Trichlorobenzene	40.000	37.503	6.2	85	0.00
31		Naphthalene	40.000	36.679	8.3	84	0.00
32		Benzoic acid	40.000	35.162	12.1	80	-0.06
33		4-Chloroaniline	40.000	41.950	-4.9	94	0.00
34	C	Hexachlorobutadiene	40.000	35.201	12.0	80	0.00
35		Caprolactam	40.000	37.736	5.7	86	-0.05
36	C	4-Chloro-3-methylphenol	40.000	36.079	9.8	83	-0.01
37		2-Methylnaphthalene	40.000	33.257	16.9	76	0.00
38		1-Methylnaphthalene	40.000	35.269	11.8	80	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.122	7.2	83	0.00
41	P	Hexachlorocyclopentadiene	40.000	48.984	-22.5	104	0.00
42	S	2,4,6-Tribromophenol	80.000	71.685	10.4	82	0.00
43	C	2,4,6-Trichlorophenol	40.000	36.726	8.2	79	-0.01
44		2,4,5-Trichlorophenol	40.000	35.194	12.0	78	-0.01
45	S	2-Fluorobiphenyl	80.000	67.621	15.5	83	-0.01
46		1,1'-Biphenyl	40.000	36.770	8.1	84	0.00
47		2-Chloronaphthalene	40.000	36.454	8.9	84	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	38.894	2.8	83	0.00
49		Acenaphthylene	40.000	40.859	-2.1	93	0.00
50		Dimethylphthalate	40.000	35.968	10.1	84	0.00
51		2,6-Dinitrotoluene	40.000	41.967	-4.9	90	-0.01
52	C	Acenaphthene	40.000	35.913	10.2	83	0.00
53		3-Nitroaniline	40.000	40.493	-1.2	91	-0.01
54	P	2,4-Dinitrophenol	40.000	33.731	15.7	85	-0.01
55		Dibenzofuran	40.000	36.717	8.2	84	0.00
56	P	4-Nitrophenol	40.000	36.850	7.9	82	-0.02
57		2,4-Dinitrotoluene	40.000	41.169	-2.9	86	-0.01
58		Fluorene	40.000	35.527	11.2	84	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	38.488	3.8	85	-0.05
60		Diethylphthalate	40.000	36.501	8.7	84	0.00
61		4-Chlorophenyl-phenylether	40.000	36.113	9.7	83	0.00
62		4-Nitroaniline	40.000	37.074	7.3	84	-0.02
63		Azobenzene	40.000	36.837	7.9	85	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	97	0.00
65		4,6-Dinitro-2-methylphenol	40.000	37.083	7.3	82	-0.02
66	c	n-Nitrosodiphenylamine	40.000	36.649	8.4	85	-0.01
67		4-Bromophenyl-phenylether	40.000	33.973	15.1	79	0.00
68		Hexachlorobenzene	40.000	34.415	14.0	80	0.00
69		Atrazine	40.000	39.016	2.5	93	-0.01
70	C	Pentachlorophenol	40.000	33.097	17.3	75	0.00
71		Phenanthrene	40.000	35.542	11.1	86	0.00
72		Anthracene	40.000	36.273	9.3	84	0.00
73		Carbazole	40.000	36.246	9.4	86	0.00
74		Di-n-butylphthalate	40.000	37.171	7.1	86	0.00
75	C	Fluoranthene	40.000	36.019	10.0	85	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77		Benzidine	40.000	45.411	-13.5	106	0.00
78		Pyrene	40.000	36.431	8.9	83	0.00
79	S	Terphenyl-d14	80.000	74.443	6.9	87	0.00
80		Butylbenzylphthalate	40.000	38.986	2.5	87	0.00
81		Benzo(a)anthracene	40.000	36.142	9.6	86	0.00
82		3,3'-Dichlorobenzidine	40.000	42.747	-6.9	99	0.00
83		Chrysene	40.000	37.792	5.5	90	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	38.560	3.6	87	0.00
85	c	Di-n-octyl phthalate	40.000	36.116	9.7	83	0.00
86	I	Perylene-d12	20.000	20.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	36.867	7.8	81	-0.02
88		Benzo(b)fluoranthene	40.000	37.533	6.2	84	-0.01
89		Benzo(k)fluoranthene	40.000	35.252	11.9	84	-0.01
90	C	Benzo(a)pyrene	40.000	37.900	5.3	85	-0.01
91		Dibenzo(a,h)anthracene	40.000	36.995	7.5	80	-0.03
92		Benzo(g,h,i)perylene	40.000	37.162	7.1	81	-0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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: **BF143951.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG No.: Q3341

Instrument ID: BNA_F Calibration Date/Time: 10/15/2025 14:33

Lab File ID: BF143951.D Init. Calib. Date(s): 10/06/2025 10/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:59 14:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.259	1.315		4.4	
Phenol-d6	1.501	1.525		1.6	
Nitrobenzene-d5	0.329	0.355		7.9	
Isophorone	0.694	0.654		-5.8	
Naphthalene	0.910	0.908		-0.2	
2-Fluorobiphenyl	1.260	1.179		-6.4	
Fluorene	1.083	1.066		-1.6	
2,4,6-Tribromophenol	0.199	0.201		1.0	
Phenanthrene	0.970	0.968		-0.2	
Anthracene	0.980	0.985		0.5	
Pyrene	1.667	1.871		12.2	
Terphenyl-d14	1.170	1.343		14.8	
Benzo(a)anthracene	1.309	1.333		1.8	
Chrysene	1.211	1.270		4.9	
Benzo(b)fluoranthene	1.149	1.068		-7.1	
Benzo(a)pyrene	0.996	1.034		3.8	20.0
Benzo(g,h,i)perylene	0.986	1.176		19.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143951.D
Acq On : 15 Oct 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 16 00:09:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	133330	20.00	ng		0.00
21) Naphthalene-d8	8.169	136	482185	20.00	ng		0.00
39) Acenaphthene-d10	9.922	164	244444	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	412442	20.00	ng		0.00
76) Chrysene-d12	14.063	240	218845	20.00	ng		0.00
86) Perylene-d12	15.545	264	232657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	701297	83.53	ng		0.00
7) Phenol-d6	6.510	99	813552	81.29	ng		0.00
23) Nitrobenzene-d5	7.445	82	684673	86.27	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	196080	80.54	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1152310	74.80	ng		-0.01
79) Terphenyl-d14	13.004	244	1175950	91.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	168790	43.44	ng		96
3) Pyridine	3.399	79	484730	42.86	ng		99
4) n-Nitrosodimethylamine	3.352	42	248770	41.81	ng		93
6) Aniline	6.546	93	592351	39.50	ng		98
8) 2-Chlorophenol	6.669	128	347897	42.39	ng		99
9) Benzaldehyde	6.434	77	329993	42.74	ng		99
10) Phenol	6.522	94	517071	43.22	ng		99
11) bis(2-Chloroethyl)ether	6.616	93	384555	41.61	ng		98
12) 1,3-Dichlorobenzene	6.822	146	397396	40.45	ng		99
13) 1,4-Dichlorobenzene	6.898	146	393148	40.57	ng		99
14) 1,2-Dichlorobenzene	7.051	146	380798	41.02	ng		99
15) Benzyl Alcohol	7.022	79	301088	40.15	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	849690	40.39	ng		99
17) 2-Methylphenol	7.134	107	279190	41.16	ng		98
18) Hexachloroethane	7.398	117	133072	41.18	ng		96
19) n-Nitroso-di-n-propyla...	7.298	70	235868	34.43	ng		99
20) 3+4-Methylphenols	7.287	107	297457	37.84	ng	#	85
22) Acetophenone	7.293	105	387720	38.03	ng		97
24) Nitrobenzene	7.469	77	385214	43.71	ng		98
25) Isophorone	7.704	82	631085	37.71	ng		99
26) 2-Nitrophenol	7.781	139	171815	45.47	ng		96
27) 2,4-Dimethylphenol	7.816	122	273265	40.20	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	400166	37.85	ng		99
29) 2,4-Dichlorophenol	8.022	162	284584	40.19	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	294138	42.24	ng		98
31) Naphthalene	8.187	128	875652	39.92	ng		99
32) Benzoic acid	7.922	122	174031	36.99	ng		97
33) 4-Chloroaniline	8.234	127	316865	38.52	ng		99
34) Hexachlorobutadiene	8.304	225	199996	41.33	ng		99
35) Caprolactam	8.604	113	86689	38.51	ng		96
36) 4-Chloro-3-methylphenol	8.710	107	258338	37.98	ng		98
37) 2-Methylnaphthalene	8.881	142	546469	37.40	ng		100
38) 1-Methylnaphthalene	8.981	142	527838	37.24	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	286554	42.41	ng		99
41) Hexachlorocyclopentadiene	9.034	237	99519	35.51	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	202402	41.00	ng		95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143951.D
Acq On : 15 Oct 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 16 00:09:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

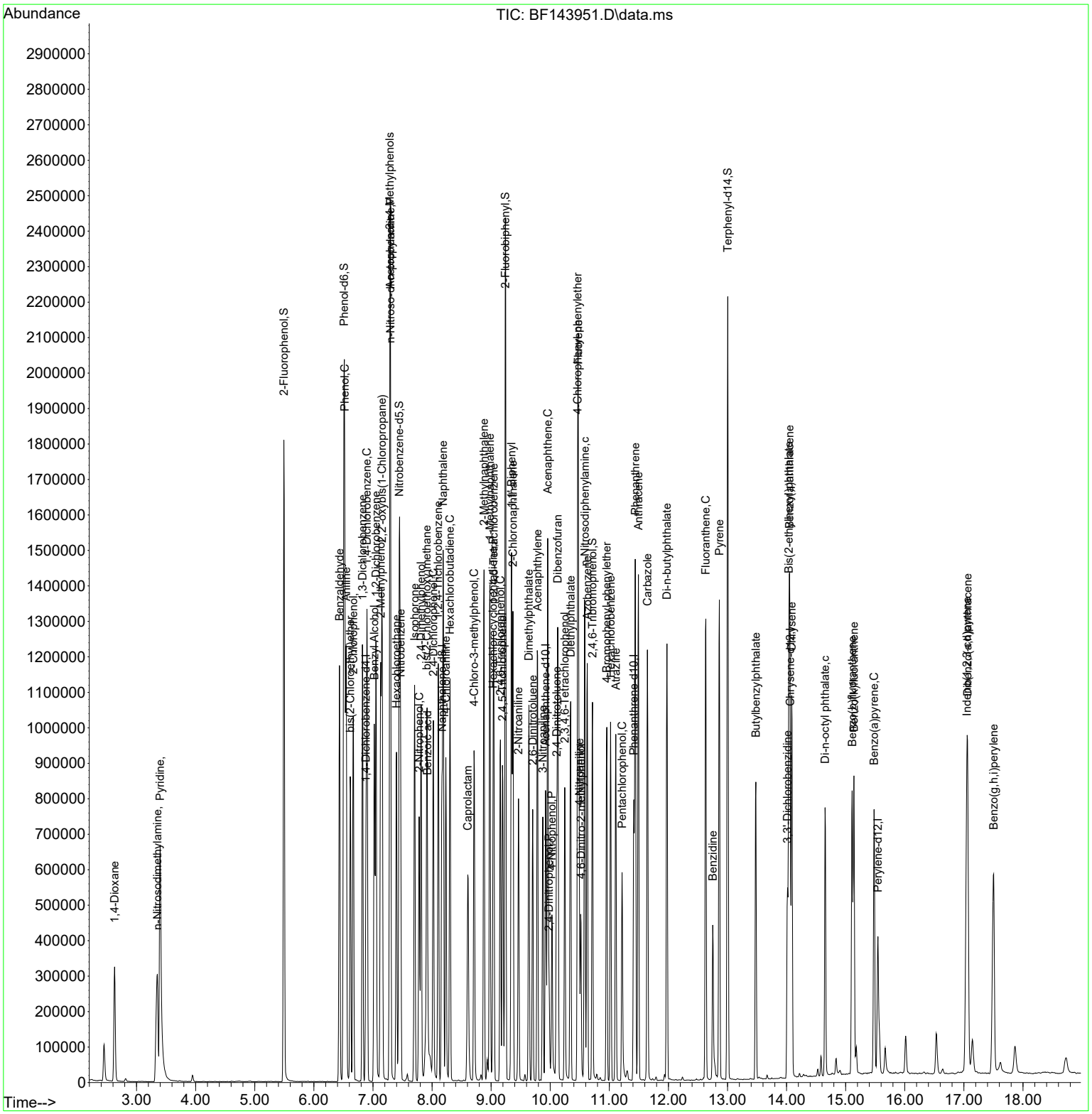
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	218232	41.83	ng		99
46) 1,1'-Biphenyl	9.345	154	647360	40.00	ng		99
47) 2-Chloronaphthalene	9.369	162	541940	40.16	ng		99
48) 2-Nitroaniline	9.463	65	193716	45.41	ng		99
49) Acenaphthylene	9.787	152	752209	39.65	ng		99
50) Dimethylphthalate	9.639	163	627266	40.41	ng		100
51) 2,6-Dinitrotoluene	9.704	165	126997	44.12	ng		99
52) Acenaphthene	9.957	154	487810	39.24	ng		98
53) 3-Nitroaniline	9.875	138	151320	42.93	ng		99
54) 2,4-Dinitrophenol	9.981	184	59009	37.29	ng		95
55) Dibenzofuran	10.128	168	693521	39.52	ng		99
56) 4-Nitrophenol	10.028	139	108053	40.49	ng		97
57) 2,4-Dinitrotoluene	10.110	165	176514	45.07	ng		98
58) Fluorene	10.475	166	521316	39.37	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	154500	41.84	ng	#	98
60) Diethylphthalate	10.345	149	573978	39.80	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	281670	40.24	ng		98
62) 4-Nitroaniline	10.492	138	139496	41.16	ng		97
63) Azobenzene	10.628	77	612519	40.64	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	93100	44.92	ng		95
66) n-Nitrosodiphenylamine	10.586	169	527087	40.70	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	181806	39.89	ng		99
68) Hexachlorobenzene	11.022	284	211176	40.02	ng		99
69) Atrazine	11.110	200	154583	39.38	ng		99
70) Pentachlorophenol	11.216	266	112456	37.11	ng		98
71) Phenanthrene	11.439	178	798219	39.92	ng		99
72) Anthracene	11.492	178	812167	40.21	ng		100
73) Carbazole	11.645	167	708926	39.63	ng		99
74) Di-n-butylphthalate	11.975	149	858583	41.41	ng		99
75) Fluoranthene	12.633	202	793565	38.42	ng		99
77) Benzidine	12.751	184	279680	36.81	ng		99
78) Pyrene	12.863	202	818988	44.89	ng		100
80) Butylbenzylphthalate	13.480	149	276998	46.75	ng		98
81) Benzo(a)anthracene	14.051	228	583301	40.73	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	173726	39.81	ng		99
83) Chrysene	14.086	228	555760	41.93	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	319245	44.70	ng		99
85) Di-n-octyl phthalate	14.651	149	496355	42.31	ng		100
87) Indeno(1,2,3-cd)pyrene	17.051	276	680809	47.76	ng		98
88) Benzo(b)fluoranthene	15.110	252	496749	37.17	ng		99
89) Benzo(k)fluoranthene	15.139	252	505130	40.85	ng		99
90) Benzo(a)pyrene	15.480	252	481121	41.52	ng	#	98
91) Dibenzo(a,h)anthracene	17.063	278	544260	47.47	ng		98
92) Benzo(g,h,i)perylene	17.504	276	547256	47.73	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143951.D
Acq On : 15 Oct 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 16 00:09:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



Sample Results: **BF143951.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143951.D
Acq On : 15 Oct 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 16 00:09:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
2		1,4-Dioxane	0.583	0.633	-8.6	112	-0.02
3		Pyridine	1.697	1.818	-7.1	110	-0.02
4		n-Nitrosodimethylamine	0.893	0.933	-4.5	110	-0.04
5	S	2-Fluorophenol	1.259	1.315	-4.4	108	0.00
6		Aniline	2.250	2.221	1.3	102	0.00
7	S	Phenol-d6	1.501	1.525	-1.6	106	0.00
8		2-Chlorophenol	1.231	1.305	-6.0	108	0.00
9		Benzaldehyde	1.158	1.238	-6.9	100	0.00
10	C	Phenol	1.795	1.939	-8.0	113	-0.01
11		bis(2-Chloroethyl)ether	1.386	1.442	-4.0	107	-0.01
12		1,3-Dichlorobenzene	1.474	1.490	-1.1	106	0.00
13	C	1,4-Dichlorobenzene	1.454	1.474	-1.4	106	0.00
14		1,2-Dichlorobenzene	1.392	1.428	-2.6	107	0.00
15		Benzyl Alcohol	1.125	1.129	-0.4	103	-0.01
16		2,2'-oxybis(1-Chloropropane	3.156	3.186	-1.0	106	0.00
17		2-Methylphenol	1.017	1.047	-2.9	107	0.00
18		Hexachloroethane	0.485	0.499	-2.9	107	0.00
19	P	n-Nitroso-di-n-propylamine	1.028	0.885	13.9	93	-0.02
20		3+4-Methylphenols	1.179	1.115	5.4	95	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	100	0.00
22		Acetophenone	0.423	0.402	5.0	93	-0.01
23	S	Nitrobenzene-d5	0.329	0.355	-7.9	103	-0.01
24		Nitrobenzene	0.366	0.399	-9.0	103	0.00
25		Isophorone	0.694	0.654	5.8	93	-0.02
26	C	2-Nitrophenol	0.157	0.178	-13.4	103	0.00
27		2,4-Dimethylphenol	0.282	0.283	-0.4	97	0.00
28		bis(2-Chloroethoxy)methane	0.438	0.415	5.3	94	-0.01
29	C	2,4-Dichlorophenol	0.294	0.295	-0.3	97	0.00
30		1,2,4-Trichlorobenzene	0.289	0.305	-5.5	103	0.00
31		Naphthalene	0.910	0.908	0.2	98	0.00
32		Benzoic acid	0.195	0.180	7.7	91	-0.04
33		4-Chloroaniline	0.341	0.329	3.5	93	0.00
34	C	Hexachlorobutadiene	0.201	0.207	-3.0	101	0.00
35		Caprolactam	0.093	0.090	3.2	95	-0.04
36	C	4-Chloro-3-methylphenol	0.282	0.268	5.0	94	-0.01
37		2-Methylnaphthalene	0.606	0.567	6.4	92	0.00
38		1-Methylnaphthalene	0.588	0.547	7.0	91	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	94	0.00
40		1,2,4,5-Tetrachlorobenzene	0.553	0.586	-6.0	93	0.00
41	P	Hexachlorocyclopentadiene	0.229	0.204	10.9	74	0.00
42	S	2,4,6-Tribromophenol	0.199	0.201	-1.0	91	0.00
43	C	2,4,6-Trichlorophenol	0.404	0.414	-2.5	87	0.00
44		2,4,5-Trichlorophenol	0.427	0.446	-4.4	92	-0.01
45	S	2-Fluorobiphenyl	1.260	1.179	6.4	91	-0.01
46		1,1'-Biphenyl	1.324	1.324	0.0	91	0.00
47		2-Chloronaphthalene	1.104	1.109	-0.5	92	0.00

Sample Results: **BF143951.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143951.D
Acq On : 15 Oct 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 16 00:09:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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	0.349	0.396	-13.5	95	0.00
49		Acenaphthylene	1.552	1.539	0.8	89	0.00
50		Dimethylphthalate	1.270	1.283	-1.0	93	0.00
51		2,6-Dinitrotoluene	0.236	0.260	-10.2	93	-0.01
52	C	Acenaphthene	1.017	0.998	1.9	89	0.00
53		3-Nitroaniline	0.288	0.310	-7.6	95	-0.01
54	P	2,4-Dinitrophenol	0.118	0.121	-2.5	95	0.00
55		Dibenzofuran	1.436	1.419	1.2	89	0.00
56	P	4-Nitrophenol	0.218	0.221	-1.4	89	-0.01
57		2,4-Dinitrotoluene	0.320	0.361	-12.8	93	0.00
58		Fluorene	1.083	1.066	1.6	91	0.00
59		2,3,4,6-Tetrachlorophenol	0.302	0.316	-4.6	91	0.00
60		Diethylphthalate	1.180	1.174	0.5	90	0.00
61		4-Chlorophenyl-phenylether	0.573	0.576	-0.5	91	0.00
62		4-Nitroaniline	0.277	0.285	-2.9	92	-0.02
63		Azobenzene	1.233	1.253	-1.6	92	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	93	0.00
65		4,6-Dinitro-2-methylphenol	0.101	0.113	-11.9	94	-0.01
66	c	n-Nitrosodiphenylamine	0.628	0.639	-1.8	90	0.00
67		4-Bromophenyl-phenylether	0.221	0.220	0.5	88	0.00
68		Hexachlorobenzene	0.256	0.256	0.0	89	0.00
69		Atrazine	0.190	0.187	1.6	89	-0.01
70	C	Pentachlorophenol	0.147	0.136	7.5	80	0.00
71		Phenanthrene	0.970	0.968	0.2	92	0.00
72		Anthracene	0.980	0.985	-0.5	89	0.00
73		Carbazole	0.868	0.859	1.0	90	0.00
74		Di-n-butylphthalate	1.005	1.041	-3.6	92	0.00
75	C	Fluoranthene	1.002	0.962	4.0	86	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	86	0.00
77		Benzidine	0.694	0.639	7.9	72	0.00
78		Pyrene	1.667	1.871	-12.2	86	0.00
79	S	Terphenyl-d14	1.170	1.343	-14.8	90	0.00
80		Butylbenzylphthalate	0.542	0.633	-16.8	88	0.00
81		Benzo(a)anthracene	1.309	1.333	-1.8	82	0.00
82		3,3'-Dichlorobenzidine	0.399	0.397	0.5	78	0.00
83		Chrysene	1.211	1.270	-4.9	84	0.00
84		Bis(2-ethylhexyl)phthalate	0.653	0.729	-11.6	85	0.00
85	c	Di-n-octyl phthalate	1.072	1.134	-5.8	82	0.00
86	I	Perylene-d12	1.000	1.000	0.0	93	0.00
87		Indeno(1,2,3-cd)pyrene	1.225	1.463	-19.4	97	0.00
88		Benzo(b)fluoranthene	1.149	1.068	7.0	78	0.00
89		Benzo(k)fluoranthene	1.063	1.086	-2.2	91	0.00
90	C	Benzo(a)pyrene	0.996	1.034	-3.8	87	0.00
91		Dibenzo(a,h)anthracene	0.986	1.170	-18.7	96	-0.02
92		Benzo(g,h,i)perylene	0.986	1.176	-19.3	98	-0.01

Sample Results: **BF143951.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143951.D
Acq On : 15 Oct 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 16 00:09:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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: **BF143951.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143951.D
Acq On : 15 Oct 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 16 00:09:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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	107	0.00
2		1,4-Dioxane	40.000	43.443	-8.6	112	-0.02
3		Pyridine	40.000	42.856	-7.1	110	-0.02
4		n-Nitrosodimethylamine	40.000	41.810	-4.5	110	-0.04
5	S	2-Fluorophenol	80.000	83.526	-4.4	108	0.00
6		Aniline	40.000	39.499	1.3	102	0.00
7	S	Phenol-d6	80.000	81.291	-1.6	106	0.00
8		2-Chlorophenol	40.000	42.389	-6.0	108	0.00
9		Benzaldehyde	40.000	42.745	-6.9	100	0.00
10	C	Phenol	40.000	43.217	-8.0	113	-0.01
11		bis(2-Chloroethyl)ether	40.000	41.608	-4.0	107	-0.01
12		1,3-Dichlorobenzene	40.000	40.451	-1.1	106	0.00
13	C	1,4-Dichlorobenzene	40.000	40.569	-1.4	106	0.00
14		1,2-Dichlorobenzene	40.000	41.025	-2.6	107	0.00
15		Benzyl Alcohol	40.000	40.153	-0.4	103	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	40.388	-1.0	106	0.00
17		2-Methylphenol	40.000	41.162	-2.9	107	0.00
18		Hexachloroethane	40.000	41.175	-2.9	107	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	34.431	13.9	93	-0.02
20		3+4-Methylphenols	40.000	37.839	5.4	95	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	100	0.00
22		Acetophenone	40.000	38.029	4.9	93	-0.01
23	S	Nitrobenzene-d5	80.000	86.268	-7.8	103	-0.01
24		Nitrobenzene	40.000	43.707	-9.3	103	0.00
25		Isophorone	40.000	37.711	5.7	93	-0.02
26	C	2-Nitrophenol	40.000	45.470	-13.7	103	0.00
27		2,4-Dimethylphenol	40.000	40.202	-0.5	97	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.855	5.4	94	-0.01
29	C	2,4-Dichlorophenol	40.000	40.193	-0.5	97	0.00
30		1,2,4-Trichlorobenzene	40.000	42.241	-5.6	103	0.00
31		Naphthalene	40.000	39.922	0.2	98	0.00
32		Benzoic acid	40.000	36.994	7.5	91	-0.04
33		4-Chloroaniline	40.000	38.518	3.7	93	0.00
34	C	Hexachlorobutadiene	40.000	41.331	-3.3	101	0.00
35		Caprolactam	40.000	38.507	3.7	95	-0.04
36	C	4-Chloro-3-methylphenol	40.000	37.984	5.0	94	-0.01
37		2-Methylnaphthalene	40.000	37.401	6.5	92	0.00
38		1-Methylnaphthalene	40.000	37.245	6.9	91	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	94	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	42.414	-6.0	93	0.00
41	P	Hexachlorocyclopentadiene	40.000	35.507	11.2	74	0.00
42	S	2,4,6-Tribromophenol	80.000	80.535	-0.7	91	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.002	-2.5	87	0.00
44		2,4,5-Trichlorophenol	40.000	41.834	-4.6	92	-0.01
45	S	2-Fluorobiphenyl	80.000	74.799	6.5	91	-0.01
46		1,1'-Biphenyl	40.000	39.999	0.0	91	0.00
47		2-Chloronaphthalene	40.000	40.162	-0.4	92	0.00

Sample Results: **BF143951.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143951.D
Acq On : 15 Oct 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 16 00:09:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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	45.408	-13.5	95	0.00
49		Acenaphthylene	40.000	39.652	0.9	89	0.00
50		Dimethylphthalate	40.000	40.408	-1.0	93	0.00
51		2,6-Dinitrotoluene	40.000	44.119	-10.3	93	-0.01
52	C	Acenaphthene	40.000	39.243	1.9	89	0.00
53		3-Nitroaniline	40.000	42.933	-7.3	95	-0.01
54	P	2,4-Dinitrophenol	40.000	37.292	6.8	95	0.00
55		Dibenzofuran	40.000	39.523	1.2	89	0.00
56	P	4-Nitrophenol	40.000	40.489	-1.2	89	-0.01
57		2,4-Dinitrotoluene	40.000	45.069	-12.7	93	0.00
58		Fluorene	40.000	39.373	1.6	91	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.839	-4.6	91	0.00
60		Diethylphthalate	40.000	39.801	0.5	90	0.00
61		4-Chlorophenyl-phenylether	40.000	40.238	-0.6	91	0.00
62		4-Nitroaniline	40.000	41.158	-2.9	92	-0.02
63		Azobenzene	40.000	40.639	-1.6	92	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	93	0.00
65		4,6-Dinitro-2-methylphenol	40.000	44.919	-12.3	94	-0.01
66	c	n-Nitrosodiphenylamine	40.000	40.701	-1.8	90	0.00
67		4-Bromophenyl-phenylether	40.000	39.886	0.3	88	0.00
68		Hexachlorobenzene	40.000	40.018	-0.0	89	0.00
69		Atrazine	40.000	39.383	1.5	89	-0.01
70	C	Pentachlorophenol	40.000	37.105	7.2	80	0.00
71		Phenanthrene	40.000	39.920	0.2	92	0.00
72		Anthracene	40.000	40.206	-0.5	89	0.00
73		Carbazole	40.000	39.626	0.9	90	0.00
74		Di-n-butylphthalate	40.000	41.408	-3.5	92	0.00
75	C	Fluoranthene	40.000	38.422	3.9	86	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	86	0.00
77		Benzidine	40.000	36.806	8.0	72	0.00
78		Pyrene	40.000	44.889	-12.2	86	0.00
79	S	Terphenyl-d14	80.000	91.836	-14.8	90	0.00
80		Butylbenzylphthalate	40.000	46.748	-16.9	88	0.00
81		Benzo(a)anthracene	40.000	40.730	-1.8	82	0.00
82		3,3'-Dichlorobenzidine	40.000	39.805	0.5	78	0.00
83		Chrysene	40.000	41.929	-4.8	84	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	44.695	-11.7	85	0.00
85	c	Di-n-octyl phthalate	40.000	42.310	-5.8	82	0.00
86	I	Perylene-d12	20.000	20.000	0.0	93	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	47.756	-19.4	97	0.00
88		Benzo(b)fluoranthene	40.000	37.169	7.1	78	0.00
89		Benzo(k)fluoranthene	40.000	40.847	-2.1	91	0.00
90	C	Benzo(a)pyrene	40.000	41.518	-3.8	87	0.00
91		Dibenzo(a,h)anthracene	40.000	47.469	-18.7	96	-0.02
92		Benzo(g,h,i)perylene	40.000	47.730	-19.3	98	-0.01

Sample Results: **BF143951.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143951.D
Acq On : 15 Oct 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 16 00:09:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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

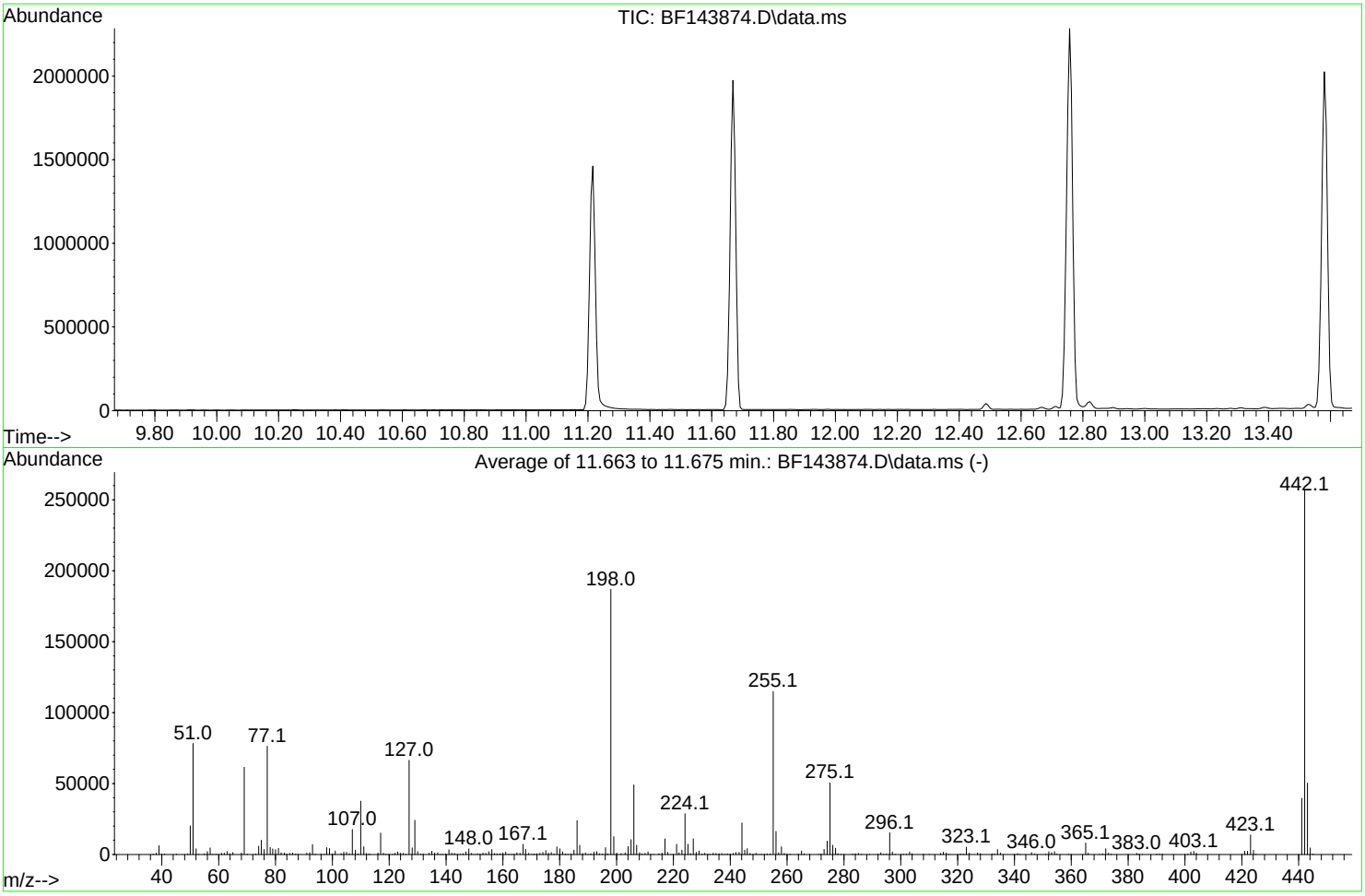
Sample Results: **BF143874.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143874.D
Acq On : 06 Oct 2025 09:30
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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025



AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

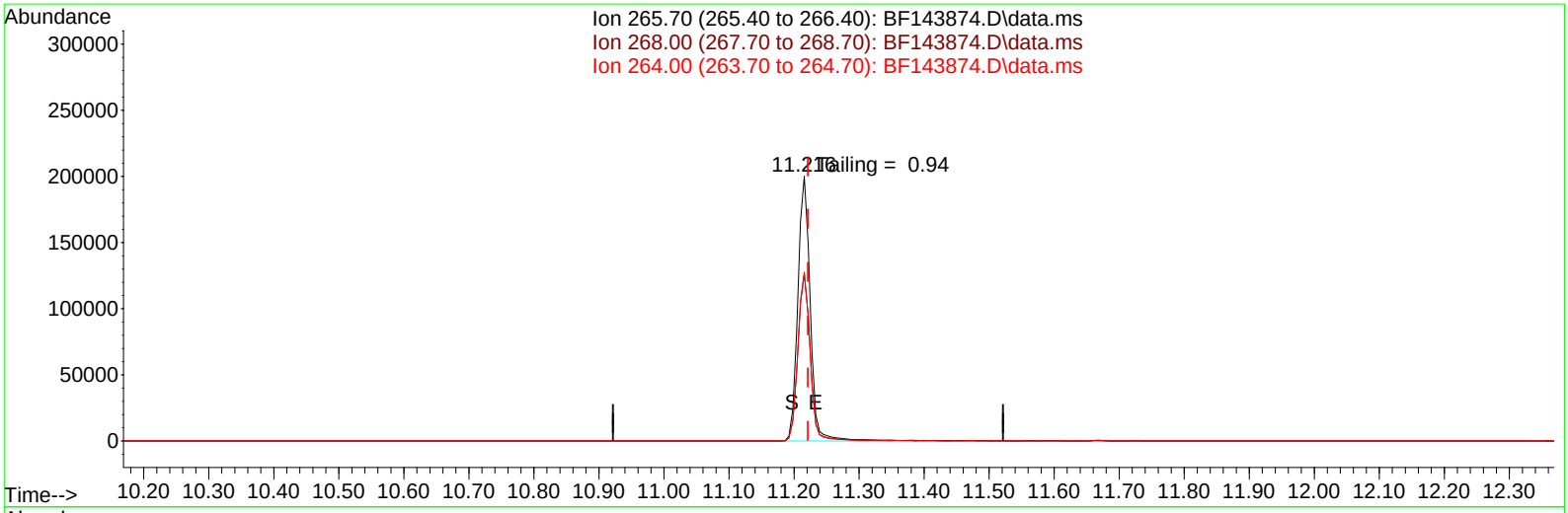
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	971	PASS
69	69	100	100	100.0	61475	PASS
70	69	0.00	2	0.4	240	PASS
197	198	0.00	2	0.3	472	PASS
198	198	100	100	100.0	186859	PASS
199	198	5	9	6.7	12573	PASS
365	198	1	100	4.3	8075	PASS
441	443	0.01	150	78.8	39600	PASS
442	442	100	100	100.0	256555	PASS
443	442	15	24	19.6	50245	PASS

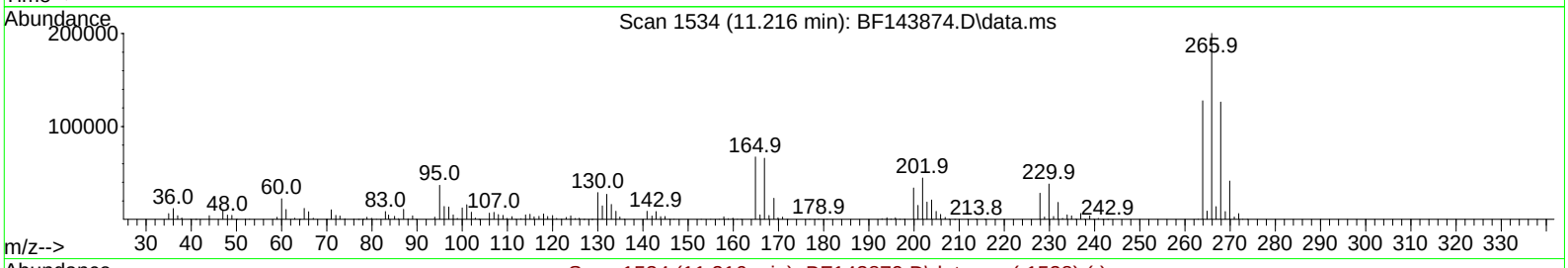
Sample Results: **BF143874.D**

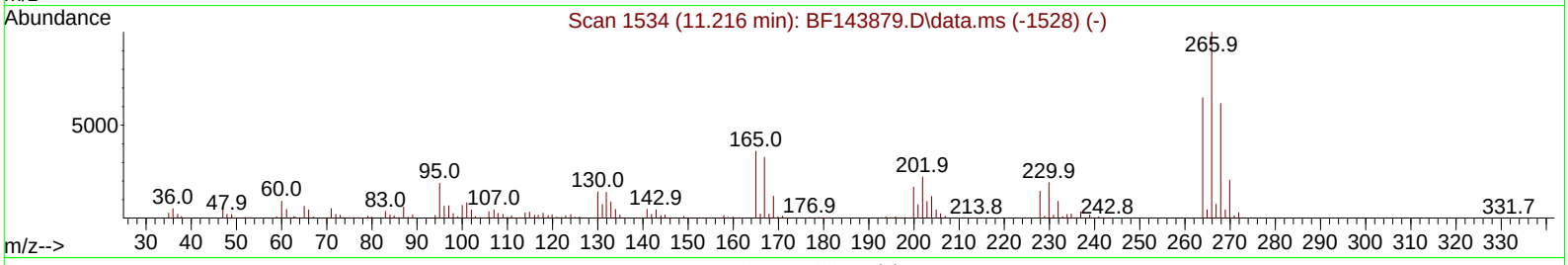
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143874.D
Acq On : 06 Oct 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 06 15:36:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration







TIC: BF143874.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.006) 36564.81 ng

response 265194

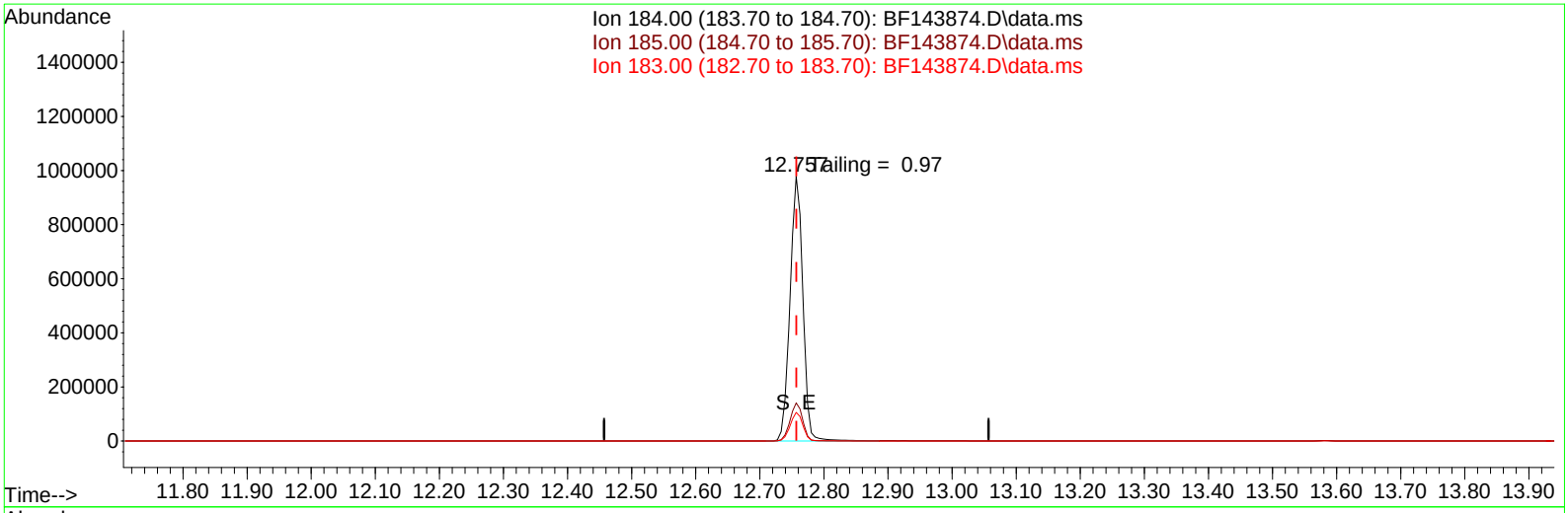
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	63.10
264.00	64.70	63.76
0.00	0.00	0.00

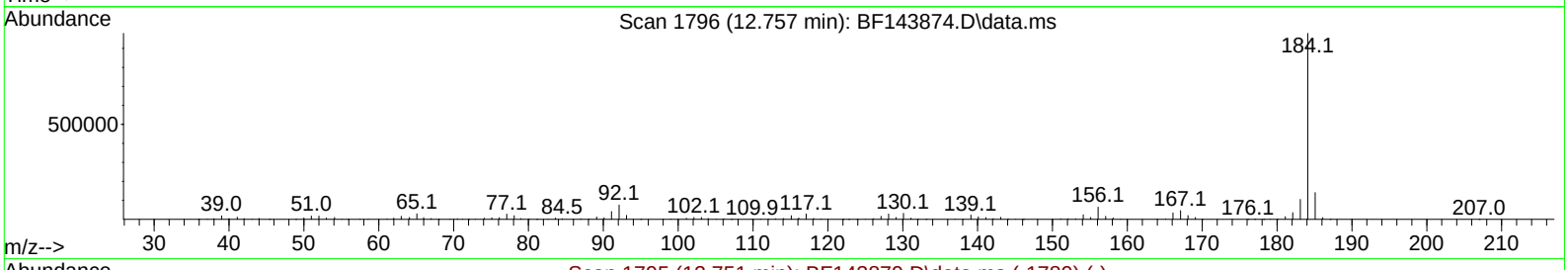
Sample Results: **BF143874.D**

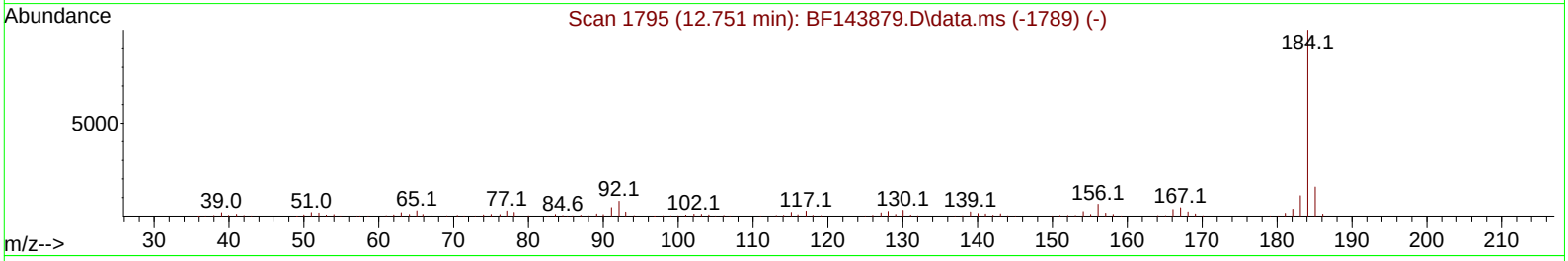
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143874.D
Acq On : 06 Oct 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 06 15:36:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration







TIC: BF143874.D\data.ms

(77) Benzidine

12.757min (-0.000) 0.00 ng

response 1371993

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.38
183.00	11.00	10.78
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
10/6/2025	BNA_F	BF143874.D
Compound Name	**Response**	**Retention Time**
DDT	503395	13.58
DDD	4048	13.31
DDE	763	12.945
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
4811	508206	0.95

Instrument :
BNA_F
ClientSampleId :
DFTPP

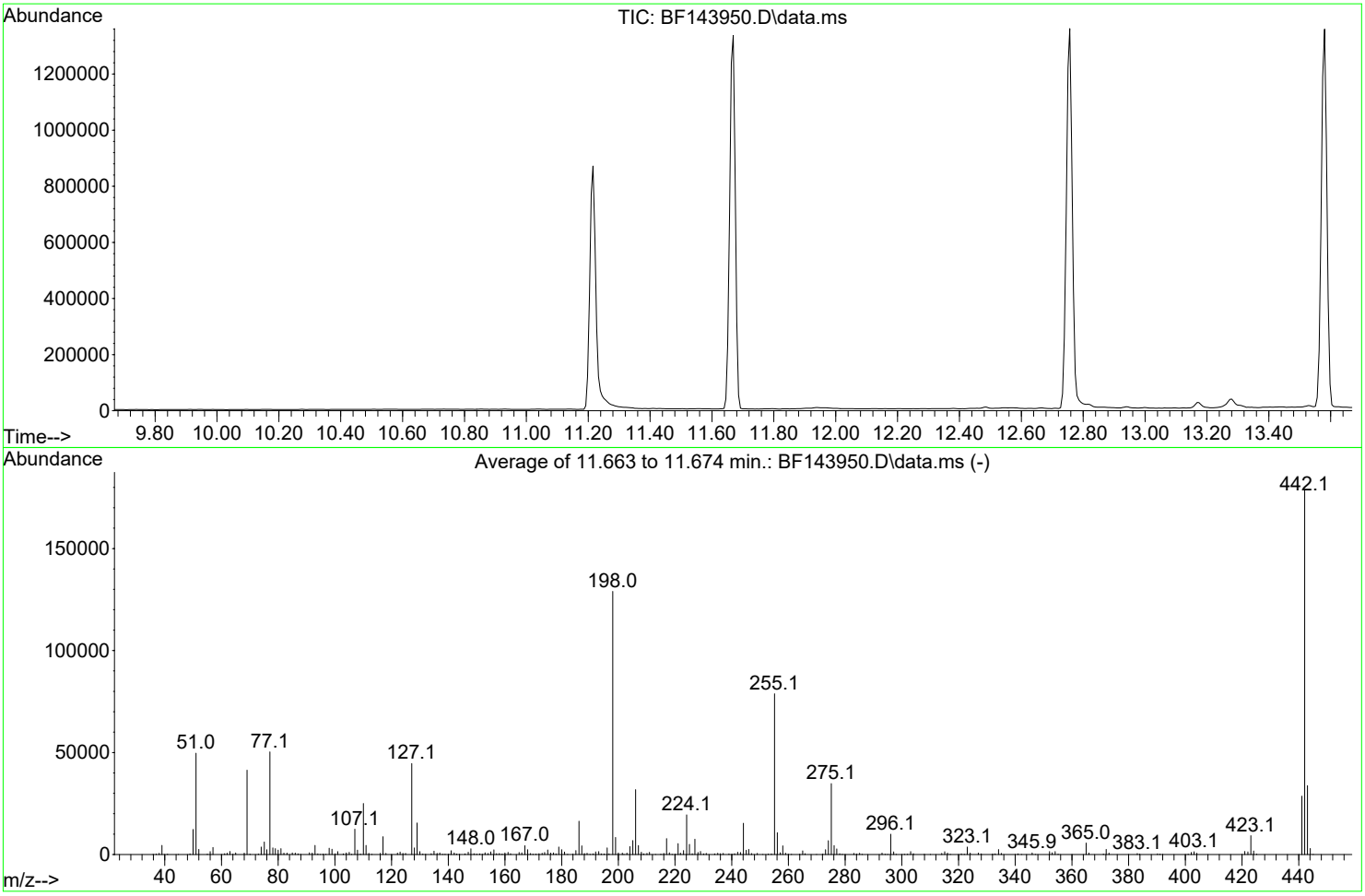
Sample Results: **BF143950.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143950.D
Acq On : 15 Oct 2025 14:04
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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025



AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.8	727	PASS
69	69	100	100	100.0	41379	PASS
70	69	0.00	2	0.5	188	PASS
197	198	0.00	2	0.3	335	PASS
198	198	100	100	100.0	129005	PASS
199	198	5	9	6.5	8431	PASS
365	198	1	100	4.4	5634	PASS
441	443	0.01	150	84.8	28643	PASS
442	442	100	100	100.0	178432	PASS
443	442	15	24	18.9	33763	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
10/15/2025	BNA_F	BF143950.D
Compound Name	**Response**	**Retention Time**
DDT	356237	13.58
DDD	6346	13.28
DDE	1775	12.945
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
8121	364358	2.23

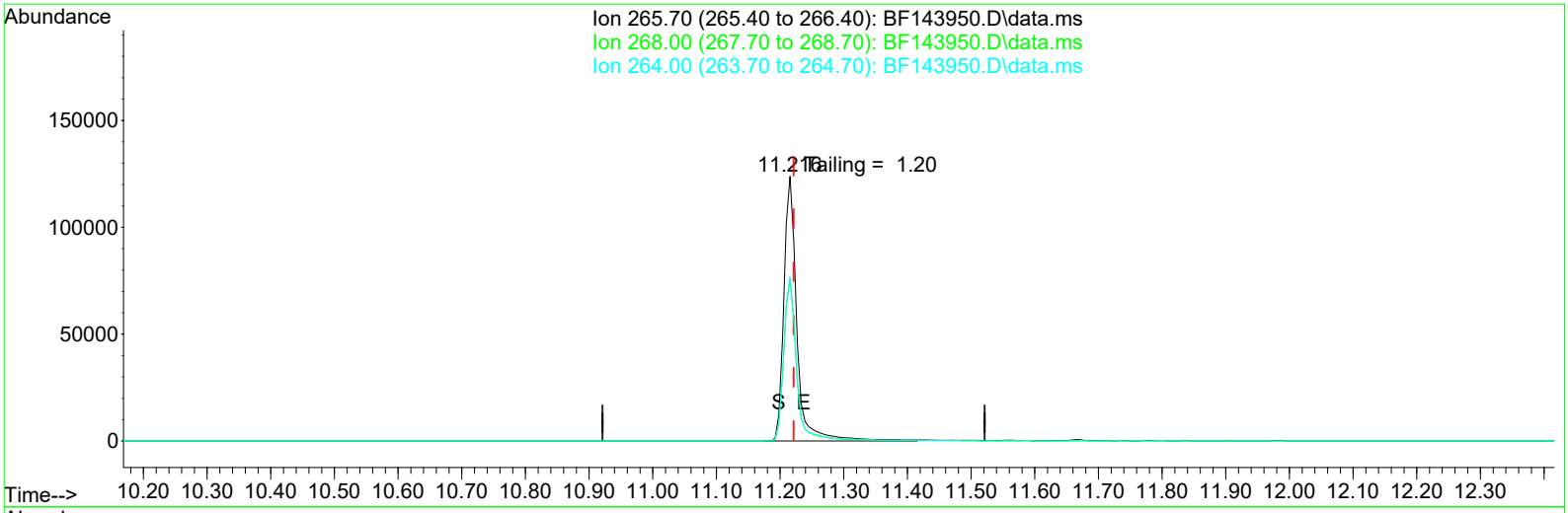
Instrument :
BNA_F
ClientSampleId :
DFTPP

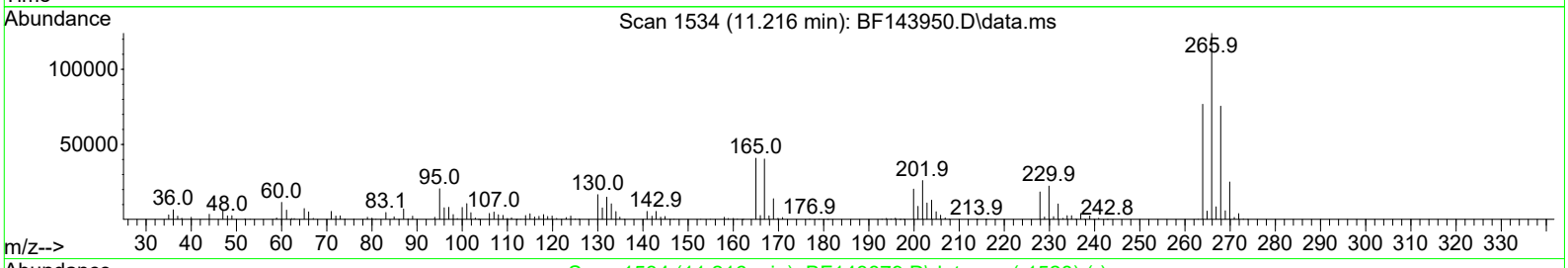
Sample Results: **BF143950.D**

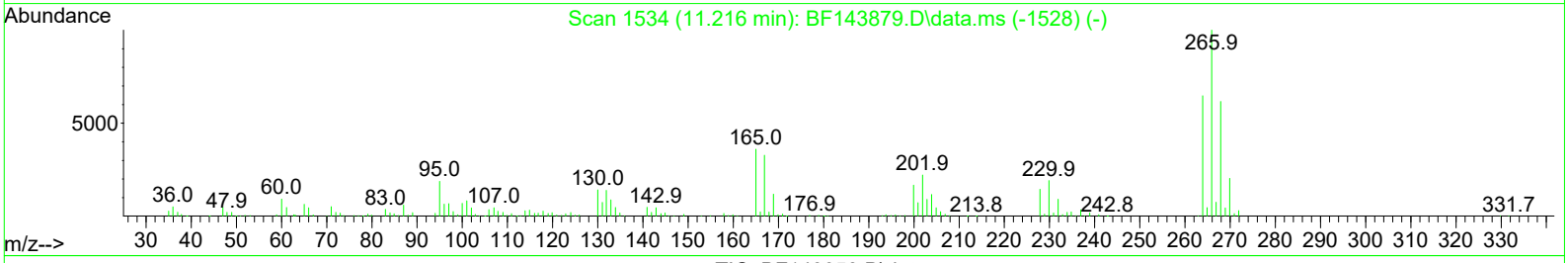
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143950.D
Acq On : 15 Oct 2025 14:04
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 16 18:41:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration







TIC: BF143950.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.006) 30340.06 ng

response 177465

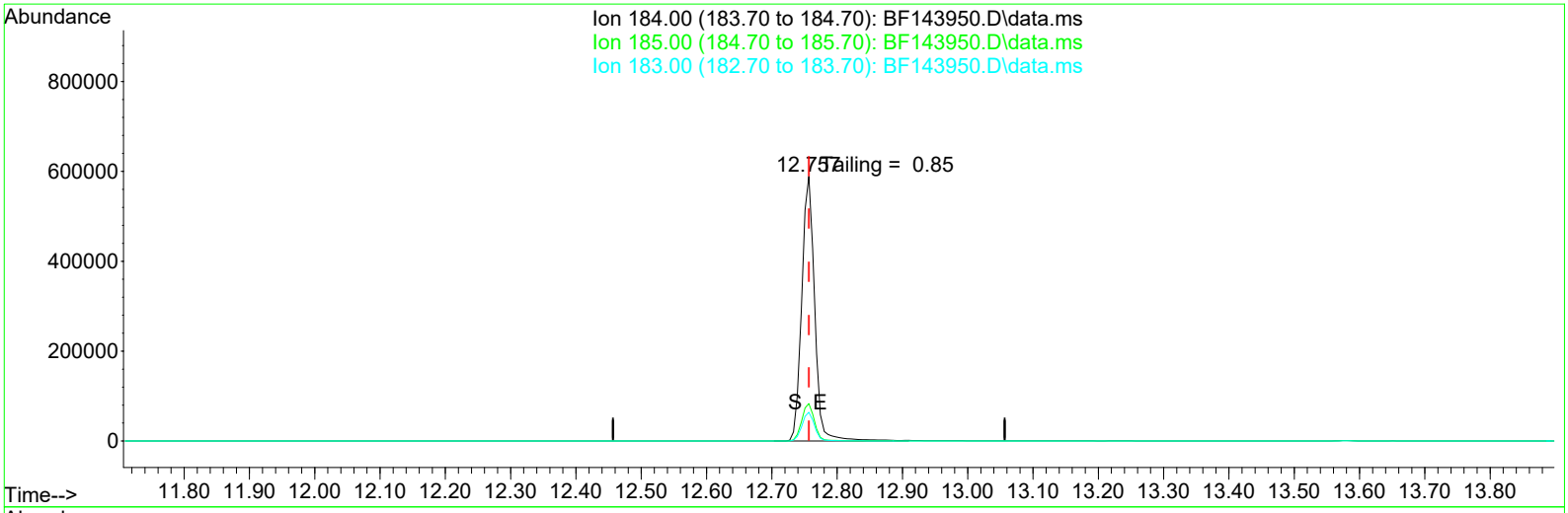
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	60.92
264.00	64.70	61.96
0.00	0.00	0.00

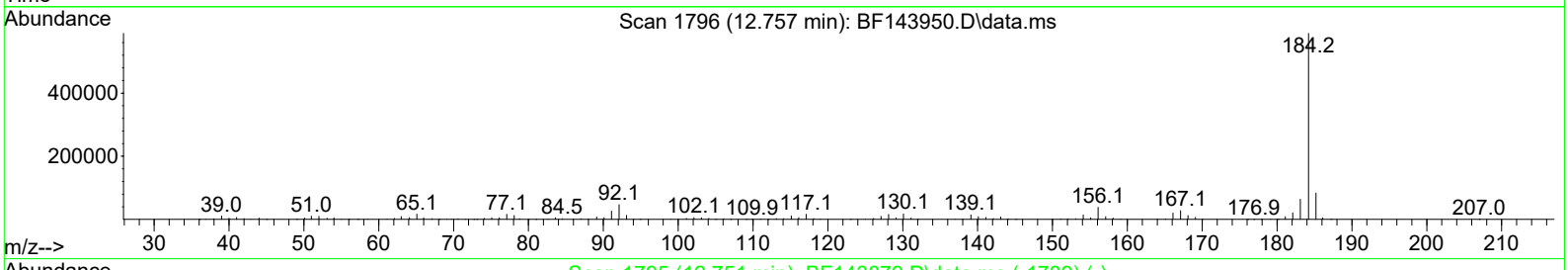
Sample Results: **BF143950.D**

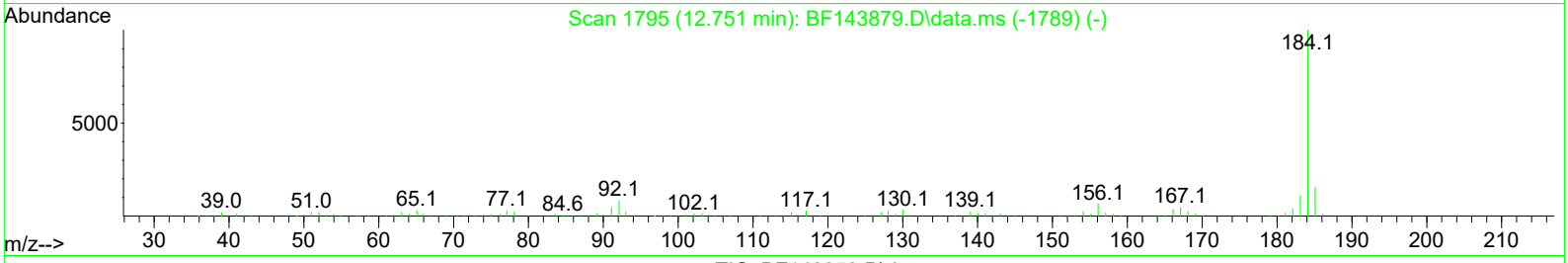
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143950.D
Acq On : 15 Oct 2025 14:04
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 16 18:41:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration







TIC: BF143950.D\data.ms

(77) Benzidine

12.757min (-0.000) 0.00 ng

response 814267

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.15
183.00	11.00	10.88
0.00	0.00	0.00

Raw Data: **BF143955.D**

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

Report of Analysis

Client:	Kleinfelder		Date Collected:		
Project:	Webster School		Date Received:		
Client Sample ID:	PB170106BL		SDG No.:	Q3341	
Lab Sample ID:	PB170106BL		Matrix:	SOIL	
Analytical Method:	8270E	Level : LOW	% Solid:	100	
Sample Wt/Vol:	30.01 g	Final Vol: 1000 uL	Test:	SVOCMS Group1	
Prep Method :	SW3541	Prep Date: 10/15/25			

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	10/15/25 16:29	PB170106
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	10/15/25 16:29	PB170106
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	10/15/25 16:29	PB170106
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	10/15/25 16:29	PB170106
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	10/15/25 16:29	PB170106
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	10/15/25 16:29	PB170106
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	10/15/25 16:29	PB170106
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	10/15/25 16:29	PB170106
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	10/15/25 16:29	PB170106
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	10/15/25 16:29	PB170106
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	10/15/25 16:29	PB170106
SURROGATES									
4165-60-0	Nitrobenzene-d5	94.4			18 - 107	94%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.2			20 - 109	82%	SPK: 100		
1718-51-0	Terphenyl-d14	98.5			10 - 105	99%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	127000							
1146-65-2	Naphthalene-d8	501000							
15067-26-2	Acenaphthene-d10	280000							
1517-22-2	Phenanthrene-d10	490000							
1719-03-5	Chrysene-d12	295000							
1520-96-3	Perylene-d12	261000							

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\BF101525\
Data File : BF143955.D
Acq On : 15 Oct 2025 16:29
Operator : RC/JU
Sample : PB170106BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170106BL

Quant Time: Oct 16 11:09:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

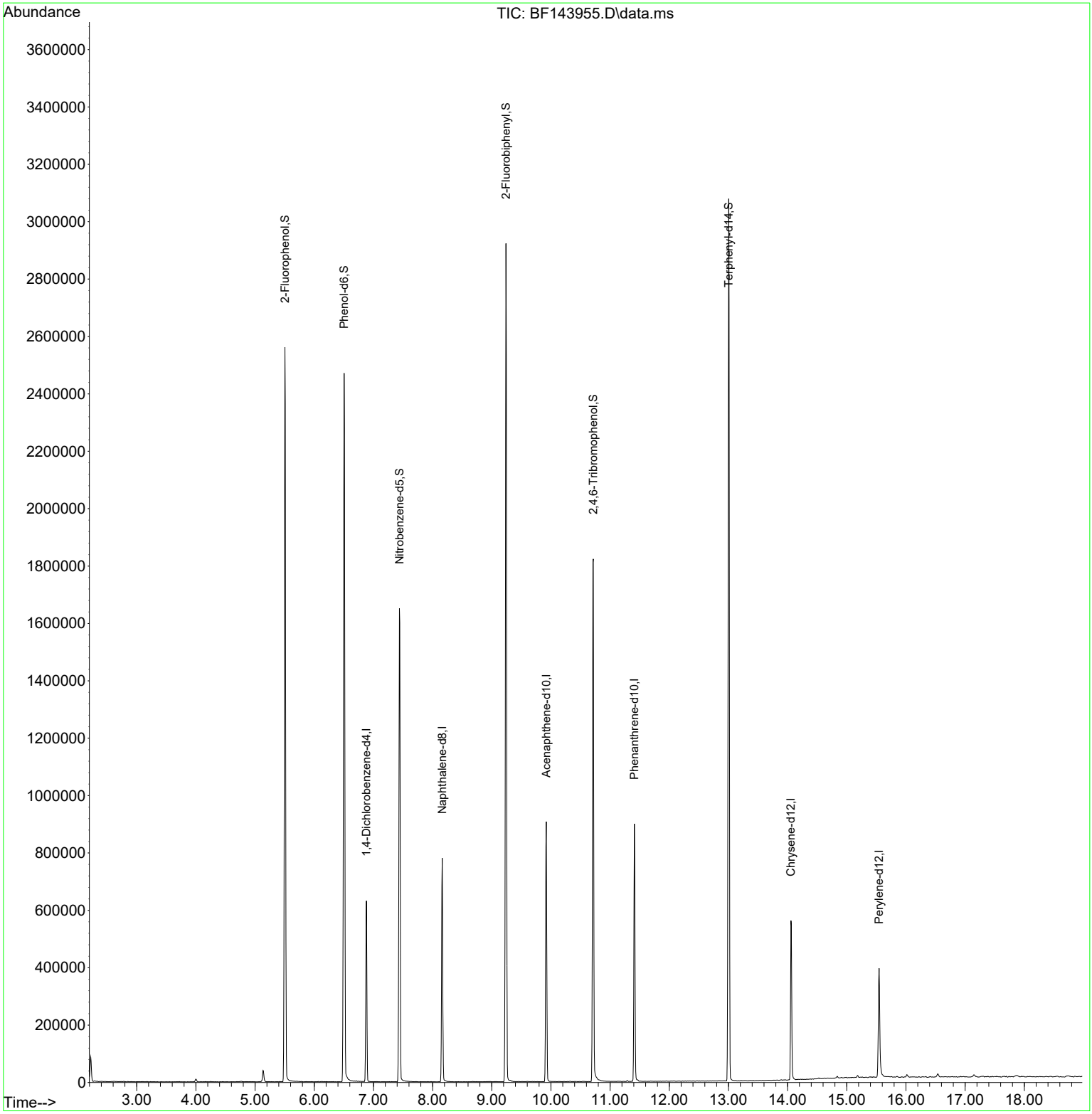
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	127400	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	500628	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	280346	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	489929	20.00	ng	0.00
76) Chrysene-d12	14.057	240	295321	20.00	ng	-0.01
86) Perylene-d12	15.545	264	261371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1021290	127.30	ng	0.00
7) Phenol-d6	6.504	99	1223528	127.95	ng	-0.01
23) Nitrobenzene-d5	7.439	82	778121	94.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	390407	139.82	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1453089	82.24	ng	-0.01
79) Terphenyl-d14	13.004	244	1702428	98.52	ng	0.00
Target Compounds						Qvalue

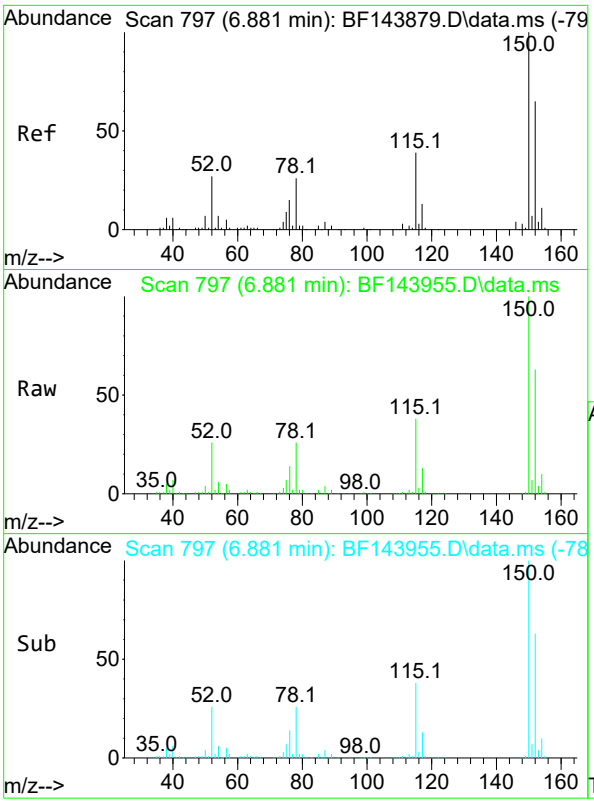
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143955.D
Acq On : 15 Oct 2025 16:29
Operator : RC/JU
Sample : PB170106BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170106BL

Quant Time: Oct 16 11:09:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



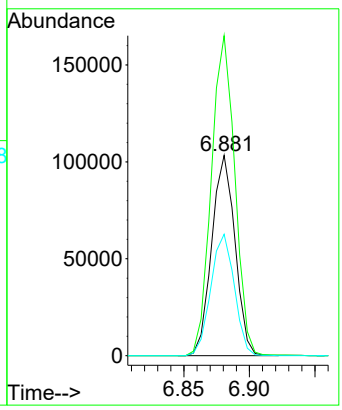


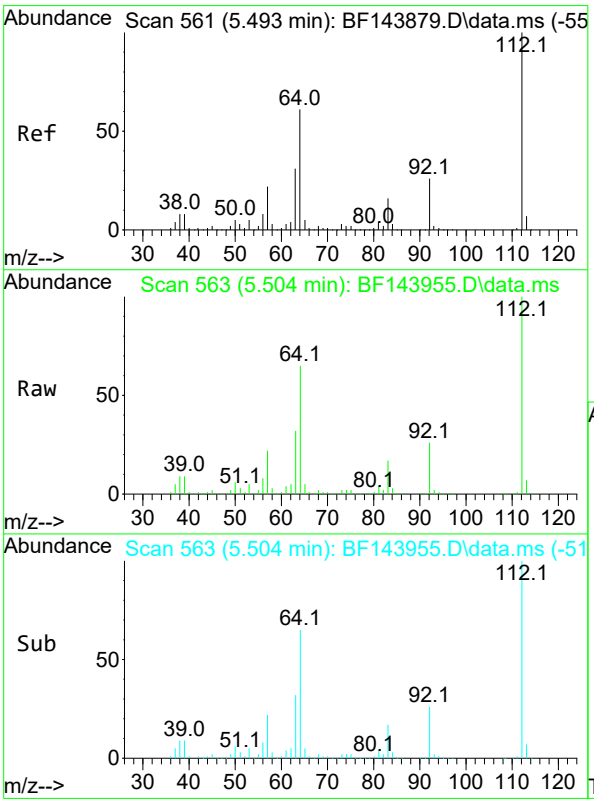
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Instrument :
BNA_F
ClientSampleId :
PB170106BL

Tgt Ion:152 Resp: 127400

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.4	186.6
115	60.6	48.1	72.1

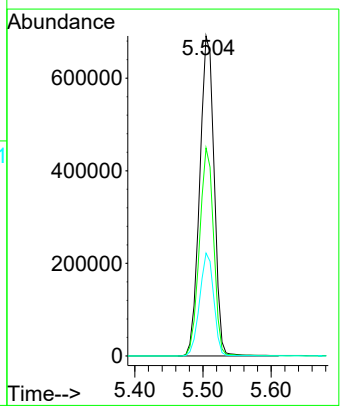


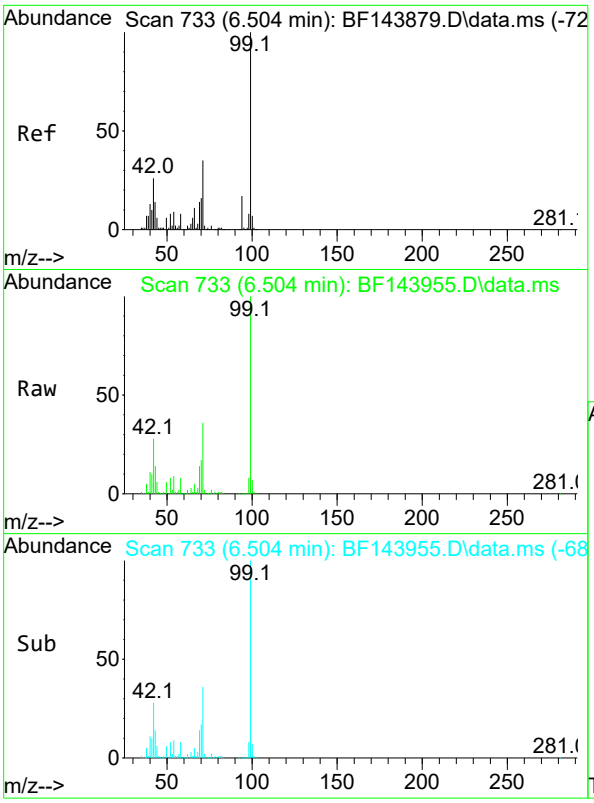


#5
2-Fluorophenol
Concen: 127.30 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Tgt Ion:112 Resp: 1021290

Ion	Ratio	Lower	Upper
112	100		
64	65.0	49.1	73.7
63	32.2	24.5	36.7



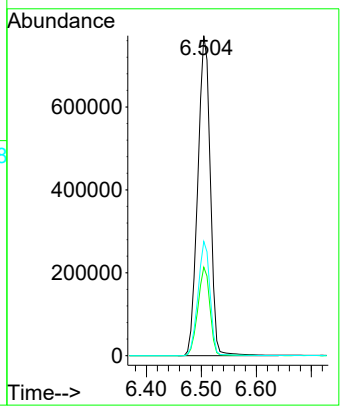


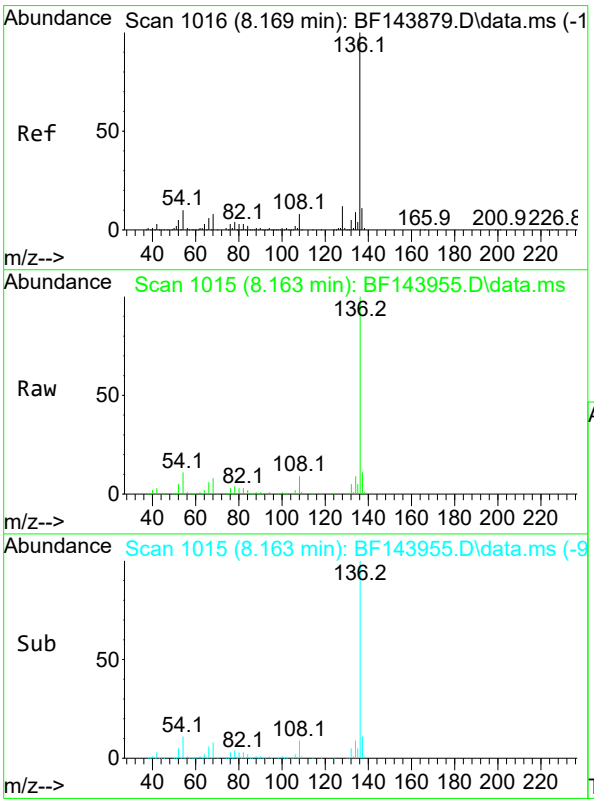
#7
Phenol-d6
Concen: 127.95 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Instrument :
BNA_F
ClientSampleId :
PB170106BL

Tgt Ion: 99 Resp: 1223528

Ion	Ratio	Lower	Upper
99	100		
42	27.7	21.0	31.4
71	35.7	27.8	41.8

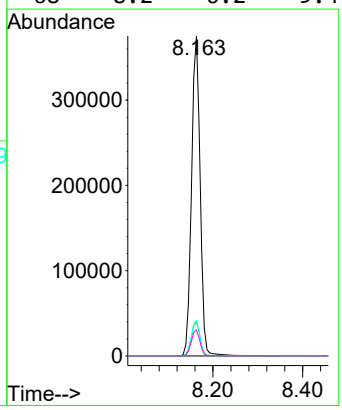


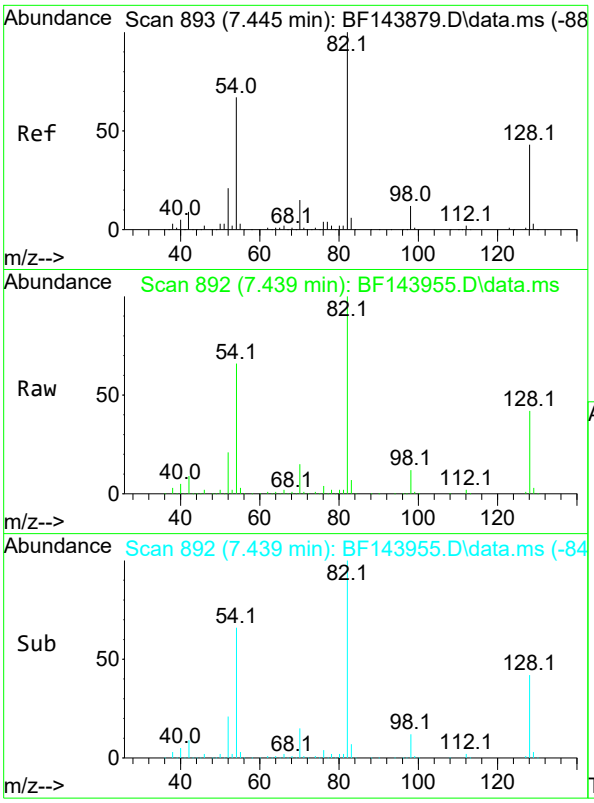


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Tgt Ion:136 Resp: 500628

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	11.0	8.2	12.4
68	8.2	6.2	9.4



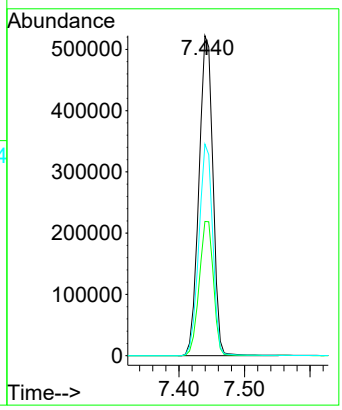


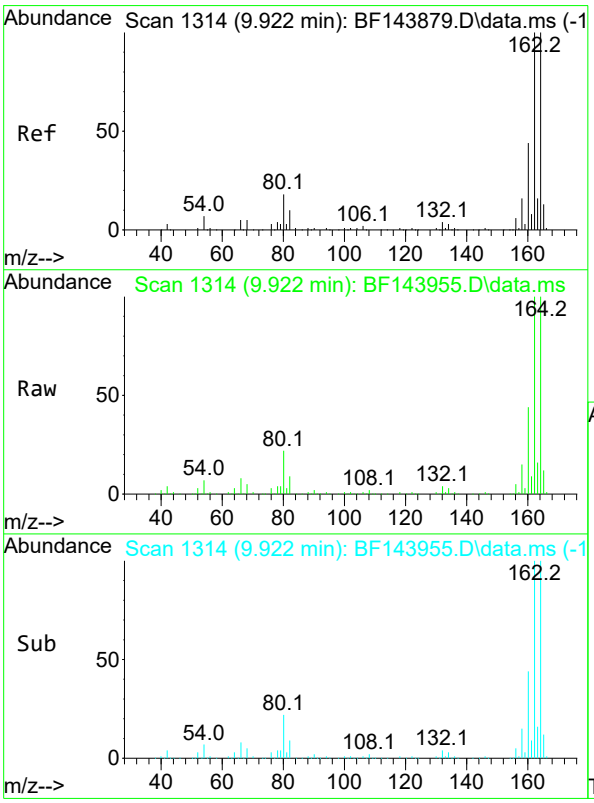
#23
Nitrobenzene-d5
Concen: 94.43 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Instrument :
BNA_F
ClientSampleId :
PB170106BL

Tgt Ion: 82 Resp: 778121

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.0	51.0
54	66.1	53.2	79.8

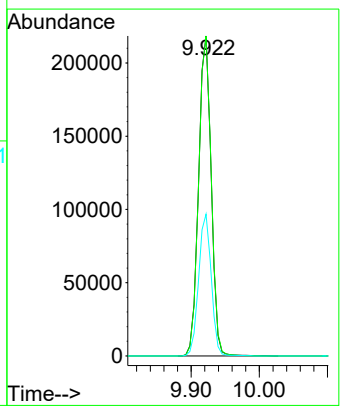


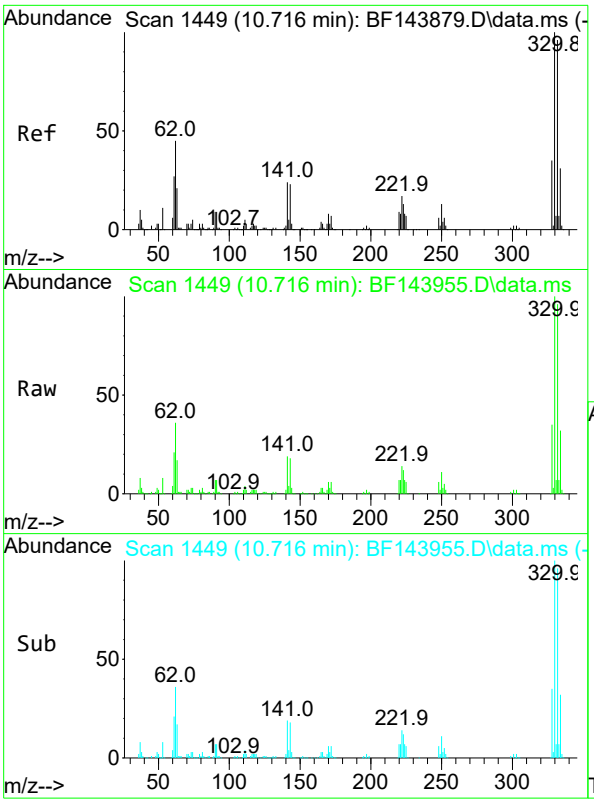


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Tgt Ion:164 Resp: 280346

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	44.3	35.4	53.0



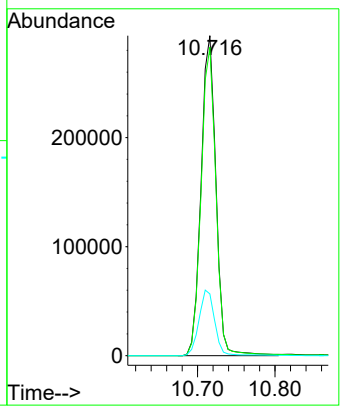


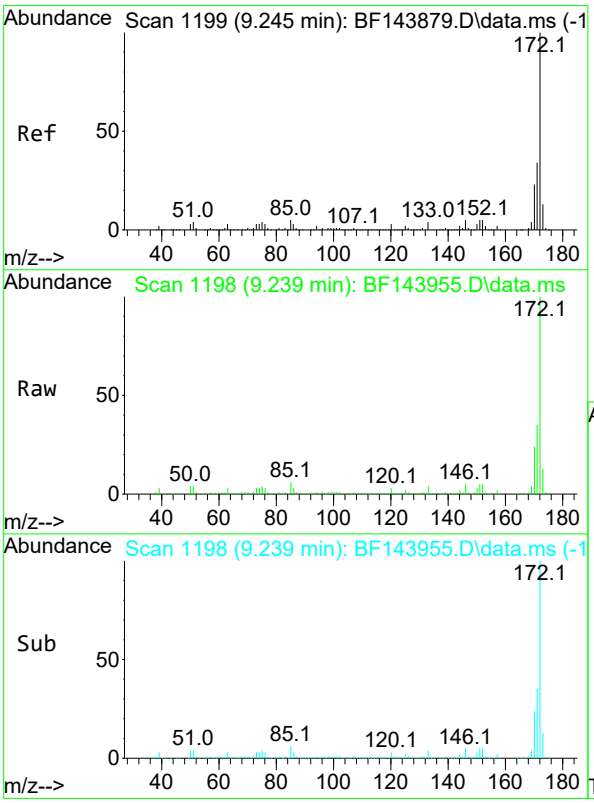
#42
2,4,6-Tribromophenol
Concen: 139.82 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Instrument :
BNA_F
ClientSampleId :
PB170106BL

Tgt Ion:330 Resp: 390407

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.9	115.3
141	22.0	20.2	30.4

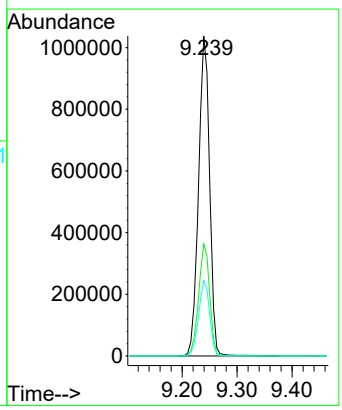


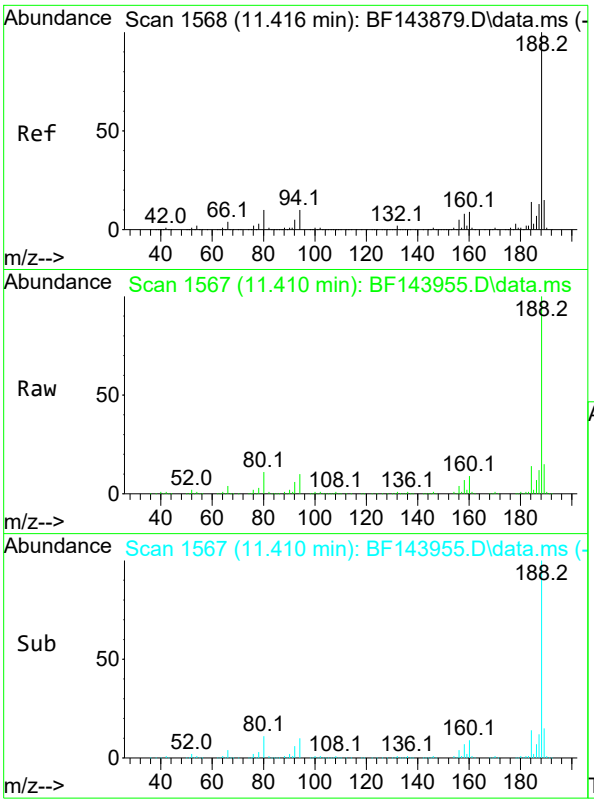


#45
2-Fluorobiphenyl
Concen: 82.24 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Tgt Ion:172 Resp: 1453089

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.4	41.0
170	23.5	18.6	28.0



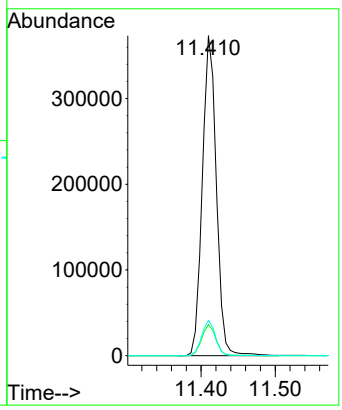


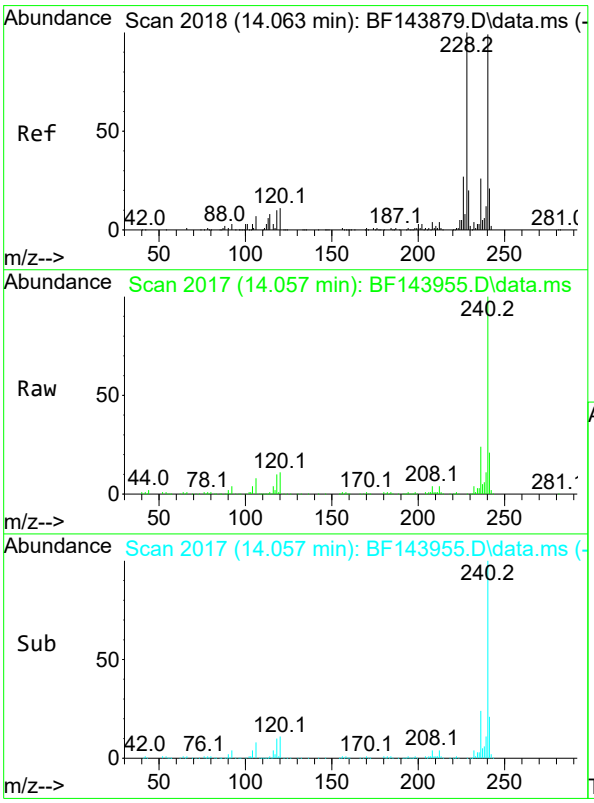
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Instrument :
BNA_F
ClientSampleId :
PB170106BL

Tgt Ion:188 Resp: 489929

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.8	11.6
80	11.0	7.9	11.9

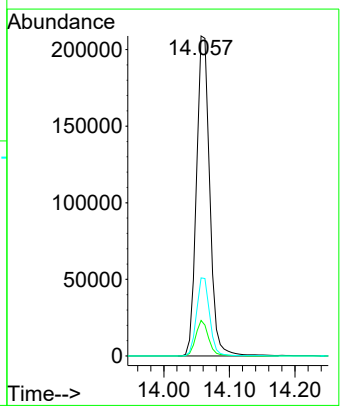


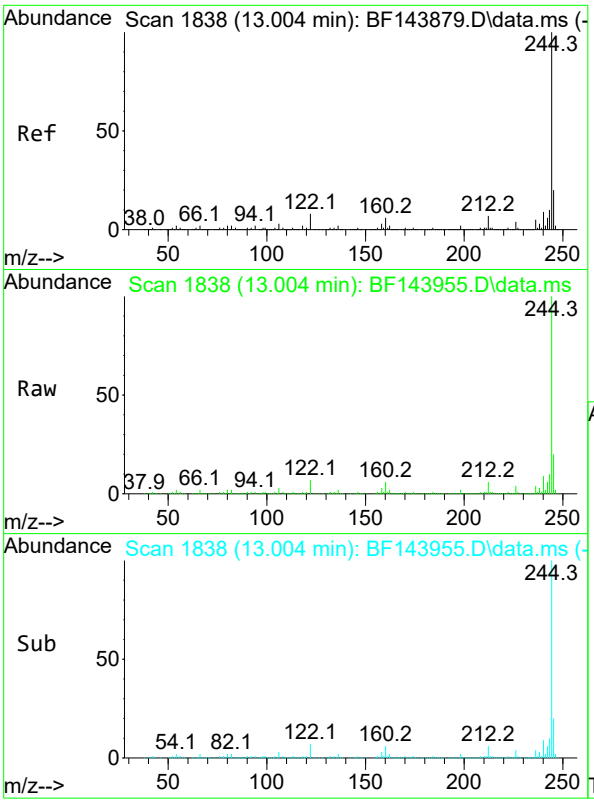


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Tgt Ion:240 Resp: 295321

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.6	13.0
236	24.4	21.1	31.7



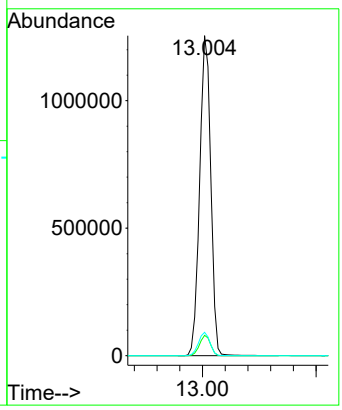


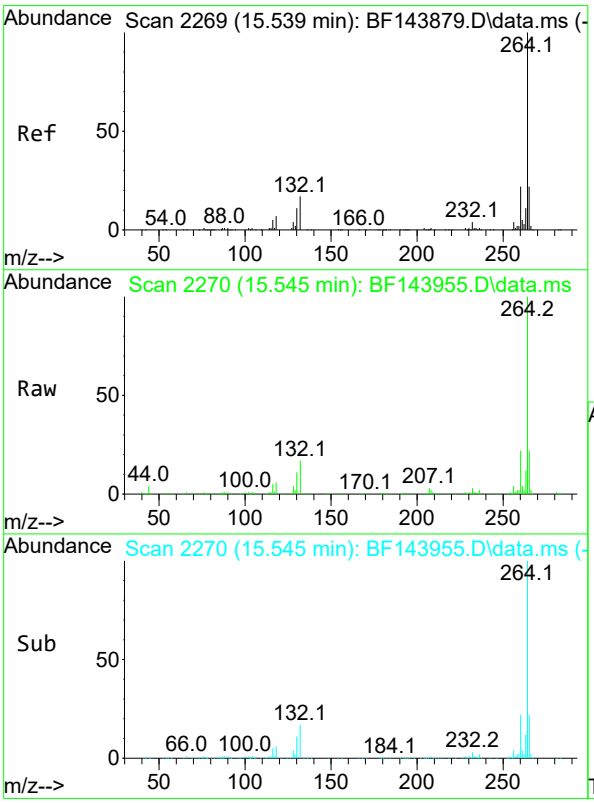
#79
Terphenyl-d14
Concen: 98.52 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Instrument :
BNA_F
ClientSampleId :
PB170106BL

Tgt Ion:244 Resp: 1702428

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	7.3	6.4	9.6

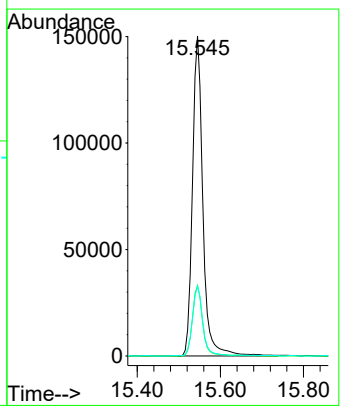




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Tgt Ion:264 Resp: 261371

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.8	26.8
265	21.8	17.5	26.3



Raw Data: **BF143956.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Webster School			Date Received:	
Client Sample ID:	PB170106BS			SDG No.:	Q3341
Lab Sample ID:	PB170106BS			Matrix:	SOIL
Analytical Method:	8270E	Level :	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541	Prep Date:	10/15/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
78-59-1	Isophorone	1400		1	32.8	170	ug/Kg	10/15/25 16:59	PB170106
91-20-3	Naphthalene	1400		1	22.7	170	ug/Kg	10/15/25 16:59	PB170106
86-73-7	Fluorene	1400		1	25.3	170	ug/Kg	10/15/25 16:59	PB170106
85-01-8	Phenanthrene	1400		1	20.9	170	ug/Kg	10/15/25 16:59	PB170106
120-12-7	Anthracene	1500		1	33.3	170	ug/Kg	10/15/25 16:59	PB170106
129-00-0	Pyrene	1600		1	36.0	170	ug/Kg	10/15/25 16:59	PB170106
56-55-3	Benzo(a)anthracene	1600		1	23.0	170	ug/Kg	10/15/25 16:59	PB170106
218-01-9	Chrysene	1500		1	19.9	170	ug/Kg	10/15/25 16:59	PB170106
205-99-2	Benzo(b)fluoranthene	1500		1	19.0	170	ug/Kg	10/15/25 16:59	PB170106
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	10/15/25 16:59	PB170106
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	10/15/25 16:59	PB170106
SURROGATES									
4165-60-0	Nitrobenzene-d5	86.0			18 - 107	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	76.4			20 - 109	76%	SPK: 100		
1718-51-0	Terphenyl-d14	94.6			10 - 105	95%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	118000							
1146-65-2	Naphthalene-d8	460000							
15067-26-2	Acenaphthene-d10	252000							
1517-22-2	Phenanthrene-d10	429000							
1719-03-5	Chrysene-d12	246000							
1520-96-3	Perylene-d12	239000							

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\BF101525\
Data File : BF143956.D
Acq On : 15 Oct 2025 16:59
Operator : RC/JU
Sample : PB170106BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 16 11:09:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170106BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

10/16/2025
Supervised By :Jagrut Upadhyay

10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	118178	20.00	ng		0.00
21) Naphthalene-d8	8.163	136	460406	20.00	ng		0.00
39) Acenaphthene-d10	9.922	164	251791	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	429108	20.00	ng		0.00
76) Chrysene-d12	14.063	240	245664	20.00	ng		0.00
86) Perylene-d12	15.545	264	238733	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	853911	114.74	ng		0.00
7) Phenol-d6	6.510	99	1015297	114.46	ng		0.00
23) Nitrobenzene-d5	7.446	82	651365	85.95	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	321806	128.32	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1211644	76.36	ng		-0.01
79) Terphenyl-d14	13.004	244	1360133	94.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	133592	38.79	ng		98
3) Pyridine	3.493	79	395050	39.41	ng		99
4) n-Nitrosodimethylamine	3.440	42	231121	43.82	ng		98
6) Aniline	6.546	93	451415	33.96	ng		99
8) 2-Chlorophenol	6.663	128	314384	43.22	ng		98
9) Benzaldehyde	6.434	77	183020	26.75	ng		99
10) Phenol	6.522	94	455681	42.97	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	349325	42.64	ng		98
12) 1,3-Dichlorobenzene	6.822	146	357634	41.07	ng		97
13) 1,4-Dichlorobenzene	6.898	146	371960	43.30	ng		99
14) 1,2-Dichlorobenzene	7.051	146	355002	43.15	ng		99
15) Benzyl Alcohol	7.022	79	297829	44.81	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	833132	44.68	ng		100
17) 2-Methylphenol	7.134	107	268054	44.59	ng		98
18) Hexachloroethane	7.393	117	121249	42.33	ng		99
19) n-Nitroso-di-n-propyla...	7.293	70	251997	41.50	ng		97
20) 3+4-Methylphenols	7.281	107	297414	42.68	ng	#	87
22) Acetophenone	7.293	105	451014	46.33	ng		100
24) Nitrobenzene	7.463	77	372226	44.23	ng		98
25) Isophorone	7.704	82	694583	43.47	ng		99
26) 2-Nitrophenol	7.781	139	177917	49.31	ng		98
27) 2,4-Dimethylphenol	7.816	122	311326	47.97	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	435244	43.12	ng		99
29) 2,4-Dichlorophenol	8.022	162	289172	42.77	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	292671	44.02	ng		99
31) Naphthalene	8.187	128	877904	41.92	ng		100
32) Benzoic acid	7.940	122	225216	50.14	ng		96
33) 4-Chloroaniline	8.234	127	169832	21.62	ng		98
34) Hexachlorobutadiene	8.304	225	190920	41.32	ng		99
35) Caprolactam	8.604	113	100640m	46.82	ng		
36) 4-Chloro-3-methylphenol	8.716	107	287579	44.28	ng		99
37) 2-Methylnaphthalene	8.881	142	535171	38.36	ng		99
38) 1-Methylnaphthalene	8.981	142	547347	40.45	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	320173	46.01	ng		99
41) Hexachlorocyclopentadiene	9.034	237	309807	107.31	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	220298	43.33	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143956.D
Acq On : 15 Oct 2025 16:59
Operator : RC/JU
Sample : PB170106BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 16 11:09:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170106BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

10/16/2025
Supervised By :Jagrut Upadhyay

10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	240387	44.74	ng		100
46) 1,1'-Biphenyl	9.345	154	767575	46.04	ng		98
47) 2-Chloronaphthalene	9.369	162	587729	42.28	ng		98
48) 2-Nitroaniline	9.463	65	213127	48.50	ng		99
49) Acenaphthylene	9.787	152	940380	48.12	ng		99
50) Dimethylphthalate	9.645	163	699337	43.74	ng		100
51) 2,6-Dinitrotoluene	9.704	165	152373	51.39	ng		97
52) Acenaphthene	9.957	154	577424	45.10	ng		99
53) 3-Nitroaniline	9.875	138	119654	32.96	ng		97
54) 2,4-Dinitrophenol	9.987	184	152433	83.06	ng	#	89
55) Dibenzofuran	10.134	168	780024	43.16	ng		97
56) 4-Nitrophenol	10.039	139	233052	84.78	ng		98
57) 2,4-Dinitrotoluene	10.110	165	211536	52.43	ng		100
58) Fluorene	10.475	166	586756	43.02	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	179010	47.06	ng	#	99
60) Diethylphthalate	10.345	149	661433	44.53	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	307575	42.66	ng		97
62) 4-Nitroaniline	10.492	138	161525	46.27	ng		96
63) Azobenzene	10.628	77	699038	45.03	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	114793	53.23	ng		95
66) n-Nitrosodiphenylamine	10.586	169	602615	44.73	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	206146	43.47	ng		99
68) Hexachlorobenzene	11.022	284	242370	44.15	ng		100
69) Atrazine	11.110	200	194746	47.69	ng		98
70) Pentachlorophenol	11.222	266	252311	80.02	ng		98
71) Phenanthrene	11.439	178	896326	43.09	ng		99
72) Anthracene	11.492	178	919586	43.76	ng		99
73) Carbazole	11.645	167	824335	44.29	ng		99
74) Di-n-butylphthalate	11.975	149	987146	45.76	ng		100
75) Fluoranthene	12.633	202	953109	44.35	ng		100
77) Benzidine	12.751	184	337304	39.54	ng		99
78) Pyrene	12.863	202	953436	46.55	ng		99
80) Butylbenzylphthalate	13.480	149	354337	53.27	ng		99
81) Benzo(a)anthracene	14.051	228	760200	47.29	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	133302	27.21	ng		99
83) Chrysene	14.092	228	657949	44.22	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	426338	53.17	ng		100
85) Di-n-octyl phthalate	14.657	149	626607	47.58	ng		99
87) Indeno(1,2,3-cd)pyrene	17.051	276	713984	48.81	ng		99
88) Benzo(b)fluoranthene	15.110	252	634642	46.28	ng		98
89) Benzo(k)fluoranthene	15.139	252	558412	44.01	ng		99
90) Benzo(a)pyrene	15.486	252	572433	48.14	ng		99
91) Dibenzo(a,h)anthracene	17.068	278	576733	49.02	ng		99
92) Benzo(g,h,i)perylene	17.504	276	571889	48.61	ng		97

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

Sample Results: **BF143956.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143956.D
Acq On : 15 Oct 2025 16:59
Operator : RC/JU
Sample : PB170106BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

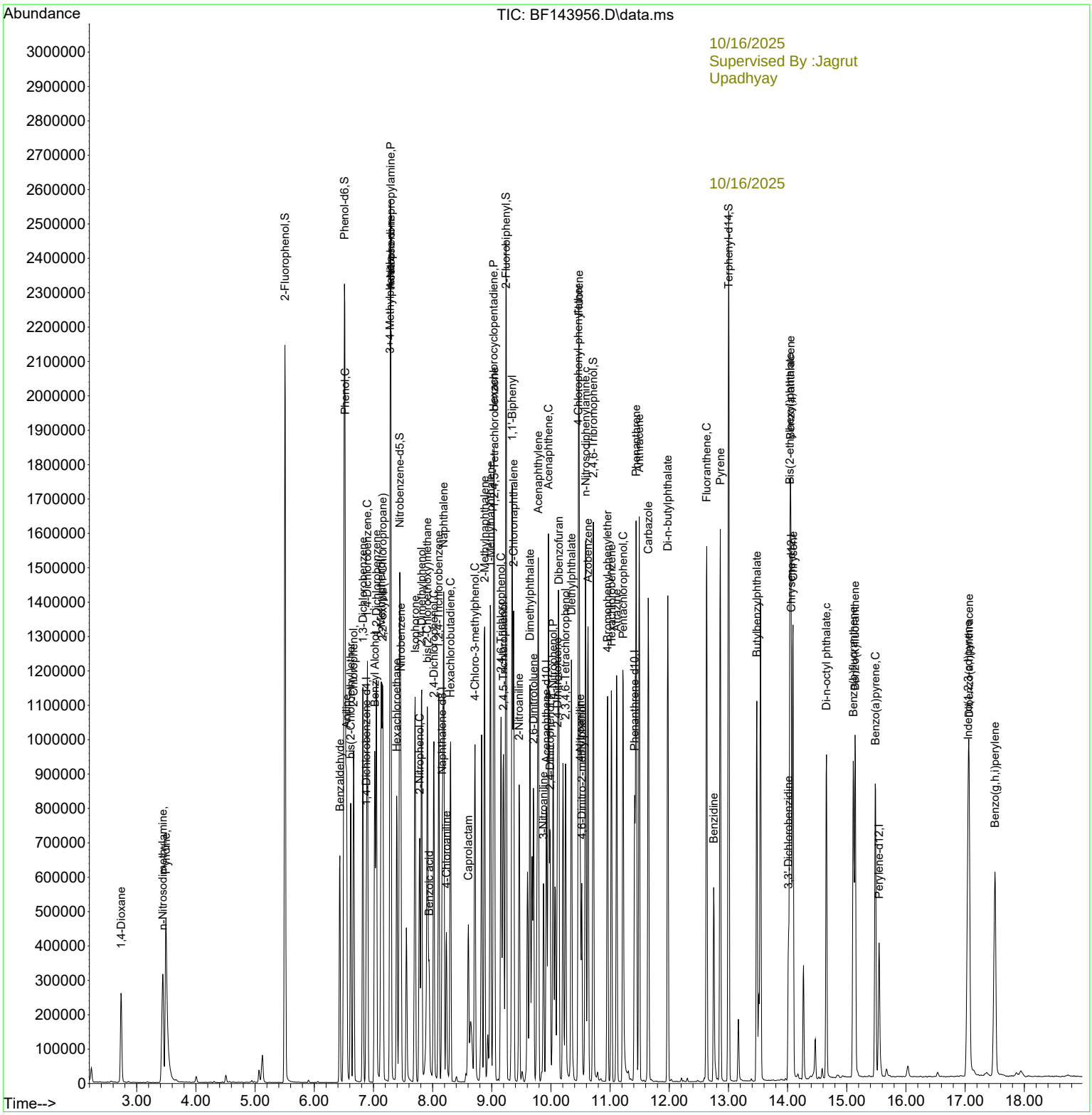
Quant Time: Oct 16 11:09:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170106BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

10/16/2025
Supervised By :Jagrut Upadhyay



Raw Data: **BF143968.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	10/13/25
Project:	Webster School			Date Received:	10/13/25
Client Sample ID:	LAYDOWN-YARD-1MS			SDG No.:	Q3341
Lab Sample ID:	Q3337-01MS			Matrix:	SOIL
Analytical Method:	8270E	Level :	LOW	% Solid:	86.9
Sample Wt/Vol:	50.03 g	Final Vol:	1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541	Prep Date:	10/15/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
78-59-1	Isophorone	800		2	45.3	230	ug/Kg	10/15/25 22:49	PB170106
91-20-3	Naphthalene	800		2	31.3	230	ug/Kg	10/15/25 22:49	PB170106
86-73-7	Fluorene	840		2	34.9	230	ug/Kg	10/15/25 22:49	PB170106
85-01-8	Phenanthrene	960		2	28.8	230	ug/Kg	10/15/25 22:49	PB170106
120-12-7	Anthracene	860		2	46.0	230	ug/Kg	10/15/25 22:49	PB170106
129-00-0	Pyrene	880		2	49.7	230	ug/Kg	10/15/25 22:49	PB170106
56-55-3	Benzo(a)anthracene	930		2	31.7	230	ug/Kg	10/15/25 22:49	PB170106
218-01-9	Chrysene	890		2	27.5	230	ug/Kg	10/15/25 22:49	PB170106
205-99-2	Benzo(b)fluoranthene	1000		2	26.2	230	ug/Kg	10/15/25 22:49	PB170106
50-32-8	Benzo(a)pyrene	940		2	40.7	230	ug/Kg	10/15/25 22:49	PB170106
191-24-2	Benzo(g,h,i)perylene	720		2	35.5	230	ug/Kg	10/15/25 22:49	PB170106
SURROGATES									
4165-60-0	Nitrobenzene-d5	51.2			18 - 107	51%	SPK: 100		
321-60-8	2-Fluorobiphenyl	52.1			20 - 109	52%	SPK: 100		
1718-51-0	Terphenyl-d14	40.0			10 - 105	40%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	182000							
1146-65-2	Naphthalene-d8	654000							
15067-26-2	Acenaphthene-d10	309000							
1517-22-2	Phenanthrene-d10	475000							
1719-03-5	Chrysene-d12	360000							
1520-96-3	Perylene-d12	304000							

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\BF101525\
Data File : BF143968.D
Acq On : 15 Oct 2025 22:49
Operator : RC/JU
Sample : Q3337-01MS 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

Quant Time: Oct 16 11:12:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	181566	20.00	ng		0.00
21) Naphthalene-d8	8.169	136	654257	20.00	ng		0.00
39) Acenaphthene-d10	9.922	164	308543	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	474955	20.00	ng		0.00
76) Chrysene-d12	14.069	240	360258	20.00	ng		0.00
86) Perylene-d12	15.557	264	304346	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	401575	35.12	ng		0.00
7) Phenol-d6	6.504	99	481637	35.34	ng		-0.01
23) Nitrobenzene-d5	7.440	82	275591	25.59	ng		-0.02
42) 2,4,6-Tribromophenol	10.716	330	88512	28.80	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	506900	26.07	ng		-0.01
79) Terphenyl-d14	13.004	244	422059	20.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.658	88	79582	15.04	ng		96
3) Pyridine	3.428	79	221668	14.39	ng		99
4) n-Nitrosodimethylamine	3.363	42	127664	15.76	ng		91
6) Aniline	6.551	93	210345	10.30	ng		98
8) 2-Chlorophenol	6.669	128	193349	17.30	ng		97
9) Benzaldehyde	6.434	77	110205	10.48	ng		99
10) Phenol	6.522	94	284259	17.45	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	225287	17.90	ng		99
12) 1,3-Dichlorobenzene	6.822	146	225728	16.87	ng		98
13) 1,4-Dichlorobenzene	6.898	146	224406	17.00	ng		100
14) 1,2-Dichlorobenzene	7.051	146	218032	17.25	ng		99
15) Benzyl Alcohol	7.022	79	192277	18.83	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	492202	17.18	ng		99
17) 2-Methylphenol	7.134	107	159068	17.22	ng		98
18) Hexachloroethane	7.392	117	67901	15.43	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	152526	16.35	ng		98
20) 3+4-Methylphenols	7.281	107	187708	17.53	ng	#	83
22) Acetophenone	7.287	105	277413	20.05	ng		96
24) Nitrobenzene	7.463	77	217083	18.15	ng		100
25) Isophorone	7.698	82	394859	17.39	ng		99
26) 2-Nitrophenol	7.781	139	97980	19.11	ng		97
27) 2,4-Dimethylphenol	7.816	122	178057	19.31	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	259035	18.06	ng		99
29) 2,4-Dichlorophenol	8.022	162	165125	17.19	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	170091	18.00	ng		99
31) Naphthalene	8.187	128	518711	17.43	ng		99
32) Benzoic acid	7.904	122	90806	14.23	ng		99
33) 4-Chloroaniline	8.239	127	115112	10.31	ng		97
34) Hexachlorobutadiene	8.304	225	112608	17.15	ng		98
35) Caprolactam	8.587	113	48743	15.96	ng		99
36) 4-Chloro-3-methylphenol	8.710	107	147390	15.97	ng		98
37) 2-Methylnaphthalene	8.881	142	306555	15.46	ng		97
38) 1-Methylnaphthalene	8.981	142	309682	16.10	ng		95
40) 1,2,4,5-Tetrachloroben...	9.045	216	182708	21.43	ng		98
41) Hexachlorocyclopentadiene	9.034	237	19512	5.52	ng		95
43) 2,4,6-Trichlorophenol	9.157	196	112496	18.05	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143968.D
Acq On : 15 Oct 2025 22:49
Operator : RC/JU
Sample : Q3337-01MS 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

Quant Time: Oct 16 11:12:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

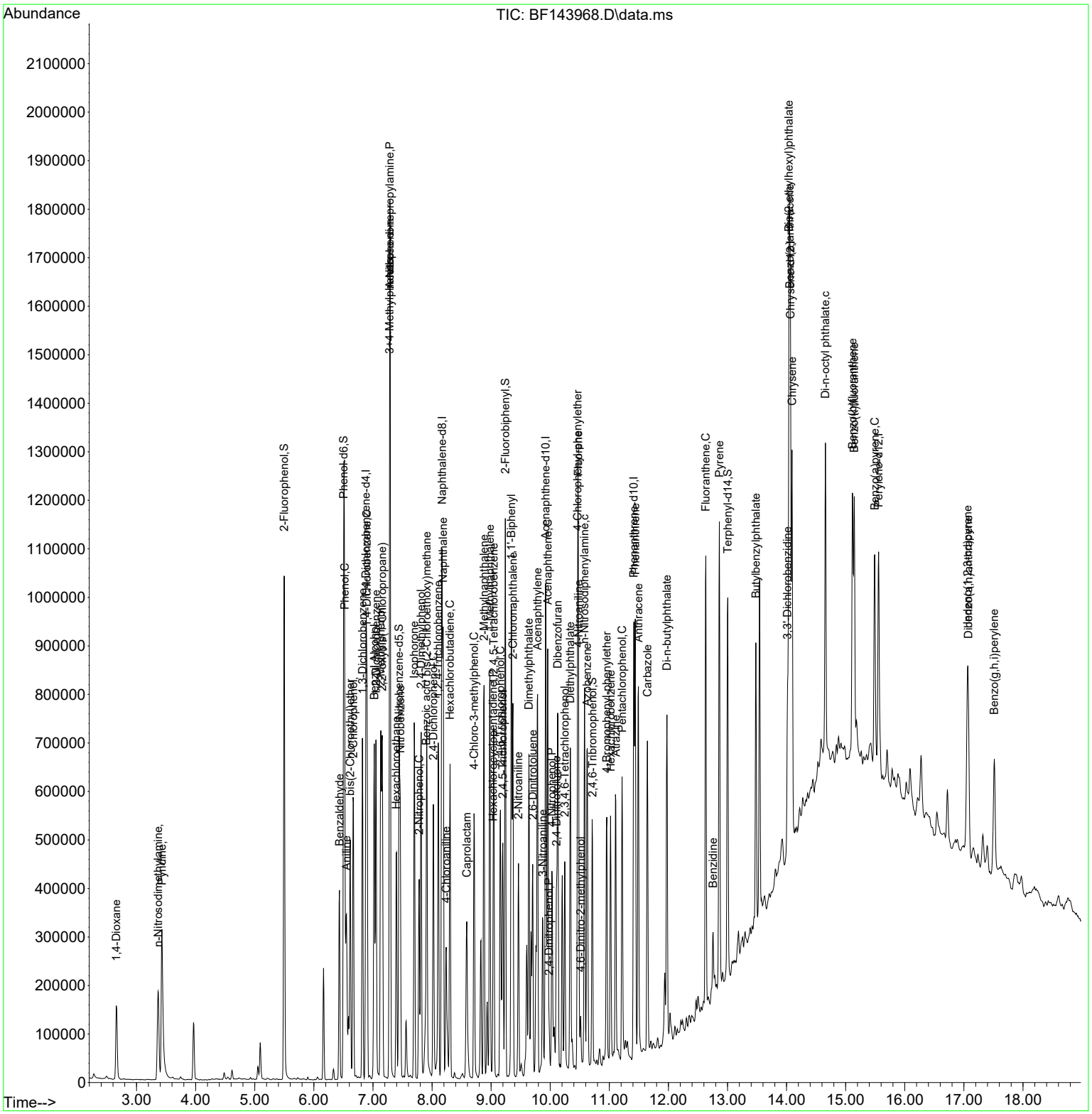
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	114908	17.45	ng		99
46) 1,1'-Biphenyl	9.339	154	433726	21.23	ng		97
47) 2-Chloronaphthalene	9.369	162	316701	18.59	ng		97
48) 2-Nitroaniline	9.463	65	105421	19.58	ng		98
49) Acenaphthylene	9.786	152	487755	20.37	ng		99
50) Dimethylphthalate	9.639	163	382879	19.54	ng		100
51) 2,6-Dinitrotoluene	9.704	165	75391	20.75	ng		92
52) Acenaphthene	9.957	154	268096	17.09	ng		98
53) 3-Nitroaniline	9.875	138	68024	15.29	ng		100
54) 2,4-Dinitrophenol	9.981	184	21365	15.65	ng		98
55) Dibenzofuran	10.128	168	390031	17.61	ng		99
56) 4-Nitrophenol	10.028	139	99048	29.40	ng		95
57) 2,4-Dinitrotoluene	10.104	165	91663	18.54	ng		98
58) Fluorene	10.475	166	303410	18.15	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	77179	16.56	ng		97
60) Diethylphthalate	10.339	149	336997	18.51	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	155014	17.54	ng		98
62) 4-Nitroaniline	10.481	138	61485	14.37	ng		95
63) Azobenzene	10.622	77	355308	18.68	ng		97
65) 4,6-Dinitro-2-methylph...	10.516	198	19082	7.99	ng		91
66) n-Nitrosodiphenylamine	10.581	169	286085	19.18	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	91325	17.40	ng		96
68) Hexachlorobenzene	11.022	284	101764	16.75	ng		100
69) Atrazine	11.110	200	87070	19.26	ng		100
70) Pentachlorophenol	11.216	266	111274	31.88	ng		99
71) Phenanthrene	11.439	178	481429	20.91	ng		99
72) Anthracene	11.492	178	437171	18.79	ng		99
73) Carbazole	11.645	167	371754	18.04	ng		100
74) Di-n-butylphthalate	11.975	149	466814	19.55	ng		99
75) Fluoranthene	12.633	202	564924	23.75	ng		98
77) Benzidine	12.757	184	94891	7.59	ng		98
78) Pyrene	12.863	202	572588	19.06	ng		99
80) Butylbenzylphthalate	13.480	149	195032	19.99	ng		100
81) Benzo(a)anthracene	14.057	228	477754	20.26	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	117786	16.39	ng	#	98
83) Chrysene	14.092	228	423687	19.42	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	396699	33.74	ng		99
85) Di-n-octyl phthalate	14.657	149	436436	22.60	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	288985	15.50	ng		98
88) Benzo(b)fluoranthene	15.116	252	397865	22.76	ng		98
89) Benzo(k)fluoranthene	15.145	252	282807	17.48	ng		97
90) Benzo(a)pyrene	15.492	252	310159	20.46	ng	#	98
91) Dibenzo(a,h)anthracene	17.074	278	224893	14.99	ng	#	94
92) Benzo(g,h,i)perylene	17.515	276	235126	15.68	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143968.D
Acq On : 15 Oct 2025 22:49
Operator : RC/JU
Sample : Q3337-01MS 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

Quant Time: Oct 16 11:12:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



Raw Data: **BF143969.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	10/13/25
Project:	Webster School			Date Received:	10/13/25
Client Sample ID:	LAYDOWN-YARD-1MSD			SDG No.:	Q3341
Lab Sample ID:	Q3337-01MSD			Matrix:	SOIL
Analytical Method:	8270E	Level :	LOW	% Solid:	86.9
Sample Wt/Vol:	50.08 g	Final Vol:	1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541	Prep Date:	10/15/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
78-59-1	Isophorone	810		2	45.2	230	ug/Kg	10/15/25 23:18	PB170106
91-20-3	Naphthalene	820		2	31.3	230	ug/Kg	10/15/25 23:18	PB170106
86-73-7	Fluorene	860		2	34.9	230	ug/Kg	10/15/25 23:18	PB170106
85-01-8	Phenanthrene	980		2	28.8	230	ug/Kg	10/15/25 23:18	PB170106
120-12-7	Anthracene	890		2	45.9	230	ug/Kg	10/15/25 23:18	PB170106
129-00-0	Pyrene	950		2	49.6	230	ug/Kg	10/15/25 23:18	PB170106
56-55-3	Benzo(a)anthracene	880		2	31.7	230	ug/Kg	10/15/25 23:18	PB170106
218-01-9	Chrysene	890		2	27.4	230	ug/Kg	10/15/25 23:18	PB170106
205-99-2	Benzo(b)fluoranthene	980		2	26.2	230	ug/Kg	10/15/25 23:18	PB170106
50-32-8	Benzo(a)pyrene	910		2	40.7	230	ug/Kg	10/15/25 23:18	PB170106
191-24-2	Benzo(g,h,i)perylene	760		2	35.4	230	ug/Kg	10/15/25 23:18	PB170106
SURROGATES									
4165-60-0	Nitrobenzene-d5	52.9			18 - 107	53%	SPK: 100		
321-60-8	2-Fluorobiphenyl	52.7			20 - 109	53%	SPK: 100		
1718-51-0	Terphenyl-d14	43.5			10 - 105	44%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	162000							
1146-65-2	Naphthalene-d8	563000							
15067-26-2	Acenaphthene-d10	257000							
1517-22-2	Phenanthrene-d10	441000							
1719-03-5	Chrysene-d12	330000							
1520-96-3	Perylene-d12	265000							

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\BF101525\
Data File : BF143969.D
Acq On : 15 Oct 2025 23:18
Operator : RC/JU
Sample : Q3337-01MSD 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 16 11:12:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	162049	20.00	ng		0.00
21) Naphthalene-d8	8.169	136	562605	20.00	ng		0.00
39) Acenaphthene-d10	9.928	164	257454	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	441424	20.00	ng		0.00
76) Chrysene-d12	14.069	240	330283	20.00	ng		0.00
86) Perylene-d12	15.557	264	265166	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	371164	36.37	ng		0.00
7) Phenol-d6	6.510	99	435903	35.84	ng		0.00
23) Nitrobenzene-d5	7.445	82	244828	26.44	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	79071	30.84	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	427743	26.36	ng		-0.01
79) Terphenyl-d14	13.004	244	420409	21.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.658	88	75229	15.93	ng		97
3) Pyridine	3.428	79	208853	15.19	ng		97
4) n-Nitrosodimethylamine	3.363	42	122471	16.94	ng		90
6) Aniline	6.546	93	172505	9.46	ng		97
8) 2-Chlorophenol	6.669	128	171552	17.20	ng		98
9) Benzaldehyde	6.434	77	101072	10.77	ng		99
10) Phenol	6.522	94	259824	17.87	ng		95
11) bis(2-Chloroethyl)ether	6.616	93	233487	20.79	ng		100
12) 1,3-Dichlorobenzene	6.822	146	208999	17.50	ng		98
13) 1,4-Dichlorobenzene	6.898	146	209614	17.80	ng		99
14) 1,2-Dichlorobenzene	7.051	146	197621	17.52	ng		99
15) Benzyl Alcohol	7.022	79	175802	19.29	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	445555	17.43	ng		100
17) 2-Methylphenol	7.134	107	140720	17.07	ng		98
18) Hexachloroethane	7.398	117	60118	15.31	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	138324	16.61	ng		99
20) 3+4-Methylphenols	7.287	107	168137	17.60	ng	#	62
22) Acetophenone	7.287	105	249193	20.95	ng		98
24) Nitrobenzene	7.463	77	193830	18.85	ng		98
25) Isophorone	7.698	82	345058	17.67	ng		98
26) 2-Nitrophenol	7.781	139	81631	18.52	ng		98
27) 2,4-Dimethylphenol	7.816	122	157743	19.89	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	227016	18.41	ng		99
29) 2,4-Dichlorophenol	8.022	162	140529	17.01	ng		97
30) 1,2,4-Trichlorobenzene	8.104	180	148162	18.24	ng		100
31) Naphthalene	8.187	128	455184	17.79	ng		99
32) Benzoic acid	7.898	122	68983	12.57	ng		95
33) 4-Chloroaniline	8.240	127	103624	10.80	ng		98
34) Hexachlorobutadiene	8.304	225	97396	17.25	ng		98
35) Caprolactam	8.587	113	39704	15.12	ng		98
36) 4-Chloro-3-methylphenol	8.710	107	122801	15.47	ng		99
37) 2-Methylnaphthalene	8.881	142	255463	14.99	ng		95
38) 1-Methylnaphthalene	8.981	142	261011	15.78	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	152533	21.44	ng		99
41) Hexachlorocyclopentadiene	9.034	237	6776	2.30	ng		91
43) 2,4,6-Trichlorophenol	9.157	196	93674	18.02	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143969.D
Acq On : 15 Oct 2025 23:18
Operator : RC/JU
Sample : Q3337-01MSD 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 16 11:12:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	95472	17.38	ng		99
46) 1,1'-Biphenyl	9.345	154	362273	21.25	ng		99
47) 2-Chloronaphthalene	9.369	162	267226	18.80	ng		97
48) 2-Nitroaniline	9.463	65	88022	19.59	ng		96
49) Acenaphthylene	9.786	152	411663	20.60	ng		98
50) Dimethylphthalate	9.639	163	312952	19.14	ng		100
51) 2,6-Dinitrotoluene	9.704	165	59910	19.76	ng		95
52) Acenaphthene	9.957	154	217247	16.59	ng		98
53) 3-Nitroaniline	9.875	138	60651	16.34	ng		98
54) 2,4-Dinitrophenol	9.986	184	6962	10.34	ng	#	84
55) Dibenzofuran	10.128	168	326516	17.67	ng		99
56) 4-Nitrophenol	10.028	139	94945	33.78	ng		99
57) 2,4-Dinitrotoluene	10.110	165	75260	18.24	ng		96
58) Fluorene	10.475	166	260205	18.66	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	70718	18.18	ng		95
60) Diethylphthalate	10.339	149	278418	18.33	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	131456	17.83	ng		98
62) 4-Nitroaniline	10.486	138	57347	16.06	ng		89
63) Azobenzene	10.622	77	297479	18.74	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	6111	2.75	ng		93
66) n-Nitrosodiphenylamine	10.581	169	254132	18.34	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	81586	16.72	ng		100
68) Hexachlorobenzene	11.022	284	90999	16.11	ng		98
69) Atrazine	11.110	200	78681	18.73	ng		98
70) Pentachlorophenol	11.222	266	102594	31.63	ng		97
71) Phenanthrene	11.439	178	458174	21.41	ng		98
72) Anthracene	11.492	178	418980	19.38	ng		99
73) Carbazole	11.645	167	370085	19.33	ng		99
74) Di-n-butylphthalate	11.975	149	442416	19.94	ng		99
75) Fluoranthene	12.633	202	568395	25.71	ng		99
77) Benzidine	12.757	184	104355	9.10	ng		98
78) Pyrene	12.863	202	570633	20.72	ng		99
80) Butylbenzylphthalate	13.480	149	196439	21.97	ng		100
81) Benzo(a)anthracene	14.057	228	414340	19.17	ng		98
82) 3,3'-Dichlorobenzidine	14.016	252	109919	16.69	ng	#	98
83) Chrysene	14.092	228	387944	19.39	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	384008	35.62	ng		98
85) Di-n-octyl phthalate	14.657	149	388944	21.97	ng		99
87) Indeno(1,2,3-cd)pyrene	17.062	276	271819	16.73	ng		99
88) Benzo(b)fluoranthene	15.116	252	323935	21.27	ng		97
89) Benzo(k)fluoranthene	15.145	252	250079m	17.74	ng		
90) Benzo(a)pyrene	15.492	252	262899	19.91	ng	#	96
91) Dibenzo(a,h)anthracene	17.080	278	204851	15.68	ng		97
92) Benzo(g,h,i)perylene	17.515	276	215573	16.50	ng		96

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

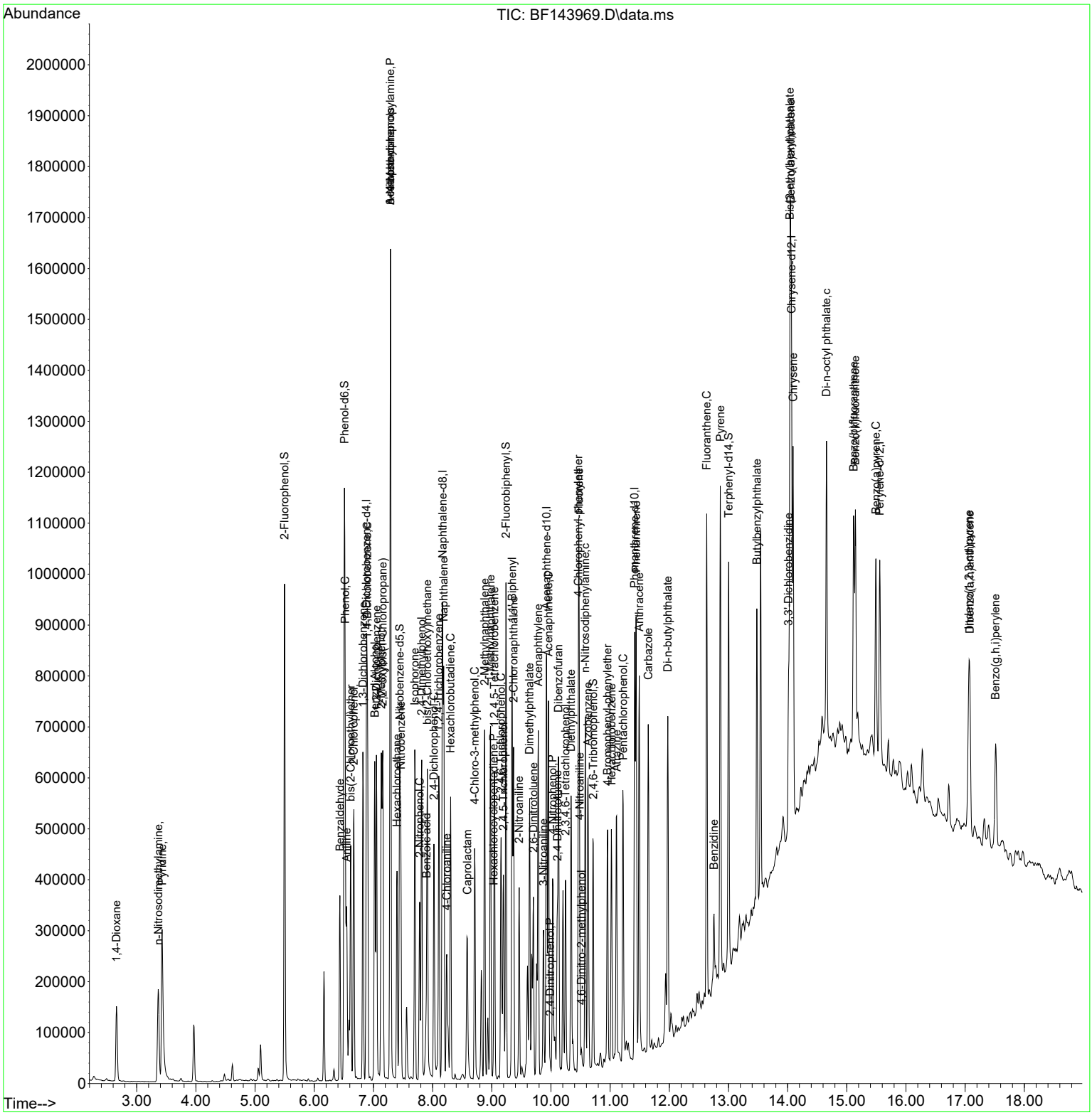
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143969.D
Acq On : 15 Oct 2025 23:18
Operator : RC/JU
Sample : Q3337-01MSD 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 16 11:12:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



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

Manual Integration Report

Sequence:	BF100625	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF143876.D	Phenol	rahul	10/7/2025 9:06:31 AM	Jagrut	10/7/2025 11:32:03 AM	Peak Integrated by Software
SSTDICC010	BF143877.D	Benzoic acid	rahul	10/7/2025 9:06:33 AM	Jagrut	10/7/2025 11:32:06 AM	Peak Integrated by Software
SSTDICC010	BF143877.D	Phenol	rahul	10/7/2025 9:06:33 AM	Jagrut	10/7/2025 11:32:06 AM	Peak Integrated by Software
SSTDICC020	BF143878.D	Benzoic acid	rahul	10/7/2025 9:06:36 AM	Jagrut	10/7/2025 11:32:08 AM	Peak Integrated by Software
SSTDICC020	BF143878.D	Phenol	rahul	10/7/2025 9:06:36 AM	Jagrut	10/7/2025 11:32:08 AM	Peak Integrated by Software
SSTDICCC040	BF143879.D	Benzoic acid	rahul	10/7/2025 9:06:41 AM	Jagrut	10/7/2025 11:32:10 AM	Peak Integrated by Software
SSTDICCC040	BF143879.D	Phenol	rahul	10/7/2025 9:06:41 AM	Jagrut	10/7/2025 11:32:10 AM	Peak Integrated by Software
SSTDICC080	BF143882.D	Benzoic acid	rahul	10/7/2025 9:06:44 AM	Jagrut	10/7/2025 11:32:12 AM	Peak Integrated by Software
SSTDICV040	BF143883.D	Phenol	rahul	10/7/2025 9:06:46 AM	Jagrut	10/7/2025 11:32:15 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BF101525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170106BS	BF143956.D	Caprolactam	rahul	10/16/2025 3:01:49 PM	Jagrut	10/16/2025 4:19:51 PM	Peak Integrated by Software
Q3341-01	BF143958.D	Benzo(b)fluoranthene	rahul	10/16/2025 3:01:51 PM	Jagrut	10/16/2025 4:19:54 PM	Peak Integrated by Software
Q3337-01MSD	BF143969.D	Benzo(k)fluoranthene	rahul	10/16/2025 3:02:03 PM	Jagrut	10/16/2025 4:20:06 PM	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 # BF100625

Review By	Rahul	Review On	10/6/2025 4:17:39 PM				
Supervise By	Jagrut	Supervise On	10/7/2025 11:32:28 AM				
SubDirectory	BF100625	HP Acquire Method	BNA_F		HP Processing Method	bf100625	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13177,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143874.D	06 Oct 2025 09:30	RC/JU	Ok
2	SSTDICC2.5	BF143875.D	06 Oct 2025 09:59	RC/JU	Ok
3	SSTDICC005	BF143876.D	06 Oct 2025 10:28	RC/JU	Ok,M
4	SSTDICC010	BF143877.D	06 Oct 2025 10:57	RC/JU	Ok,M
5	SSTDICC020	BF143878.D	06 Oct 2025 11:56	RC/JU	Ok,M
6	SSTDICCC040	BF143879.D	06 Oct 2025 12:54	RC/JU	Ok,M
7	SSTDICC050	BF143880.D	06 Oct 2025 13:23	RC/JU	Ok
8	SSTDICC060	BF143881.D	06 Oct 2025 13:53	RC/JU	Ok
9	SSTDICC080	BF143882.D	06 Oct 2025 14:22	RC/JU	Ok,M
10	SSTDICV040	BF143883.D	06 Oct 2025 16:08	RC/JU	Ok,M
11	PB169953BL	BF143884.D	06 Oct 2025 16:38	RC/JU	Not Ok
12	PB169953BS	BF143885.D	06 Oct 2025 17:07	RC/JU	Not 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 # BF101525

Review By	Rahul	Review On	10/16/2025 3:26:35 PM				
Supervise By	Jagrut	Supervise On	10/16/2025 4:21:15 PM				
SubDirectory	BF101525	HP Acquire Method	BNA_F		HP Processing Method	BF100625	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13178,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143950.D	15 Oct 2025 14:04	RC/JU	Ok
2	SSTDCCC040	BF143951.D	15 Oct 2025 14:33	RC/JU	Ok
3	PB170101BL	BF143952.D	15 Oct 2025 15:02	RC/JU	Ok
4	PB170101BS	BF143953.D	15 Oct 2025 15:31	RC/JU	Ok,M
5	PB170101BSD	BF143954.D	15 Oct 2025 16:00	RC/JU	Ok,M
6	PB170106BL	BF143955.D	15 Oct 2025 16:29	RC/JU	Ok
7	PB170106BS	BF143956.D	15 Oct 2025 16:59	RC/JU	Ok,M
8	Q3345-07	BF143957.D	15 Oct 2025 17:28	RC/JU	Ok
9	Q3341-01	BF143958.D	15 Oct 2025 17:57	RC/JU	Ok,M
10	Q3341-02	BF143959.D	15 Oct 2025 18:26	RC/JU	Ok
11	Q3341-03	BF143960.D	15 Oct 2025 18:56	RC/JU	Ok
12	Q3340-02	BF143961.D	15 Oct 2025 19:25	RC/JU	Ok
13	Q3340-03	BF143962.D	15 Oct 2025 19:54	RC/JU	Ok
14	Q3342-01	BF143963.D	15 Oct 2025 20:23	RC/JU	Ok,M
15	Q3345-01	BF143964.D	15 Oct 2025 20:52	RC/JU	Ok,M
16	Q3345-03	BF143965.D	15 Oct 2025 21:21	RC/JU	Ok
17	Q3337-03	BF143966.D	15 Oct 2025 21:51	RC/JU	Ok,M
18	Q3337-01	BF143967.D	15 Oct 2025 22:20	RC/JU	Ok,M
19	Q3337-01MS	BF143968.D	15 Oct 2025 22:49	RC/JU	Ok
20	Q3337-01MSD	BF143969.D	15 Oct 2025 23:18	RC/JU	Ok,M
21	Q3343-01	BF143970.D	15 Oct 2025 23:47	RC/JU	Ok,M

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 # BF101525

Review By	Rahul	Review On	10/16/2025 3:26:35 PM				
Supervise By	Jagrut	Supervise On	10/16/2025 4:21:15 PM				
SubDirectory	BF101525	HP Acquire Method	BNA_F		HP Processing Method	BF100625	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13178,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3345-05	BF143971.D	16 Oct 2025 00:16	RC/JU	Dilution
23	Q3340-01	BF143972.D	16 Oct 2025 00:45	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 # BF100625

Review By	Rahul	Review On	10/6/2025 4:17:39 PM		
Supervise By	Jagrut	Supervise On	10/7/2025 11:32:28 AM		
SubDirectory	BF100625	HP Acquire Method	BNA_F	HP Processing Method	bf100625

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13177,10ul/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	BF143874.D	06 Oct 2025 09:30		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143875.D	06 Oct 2025 09:59		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143876.D	06 Oct 2025 10:28		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF143877.D	06 Oct 2025 10:57		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF143878.D	06 Oct 2025 11:56		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF143879.D	06 Oct 2025 12:54	compound #54 kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF143880.D	06 Oct 2025 13:23		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF143881.D	06 Oct 2025 13:53		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF143882.D	06 Oct 2025 14:22	Compound #45 & #77 removed from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBF100625	BF143883.D	06 Oct 2025 16:08		RC/JU	Ok,M
11	PB169953BL	PB169953BL	BF143884.D	06 Oct 2025 16:38	Surrogate Fail	RC/JU	Not Ok
12	PB169953BS	PB169953BS	BF143885.D	06 Oct 2025 17:07	Surrogate Fail	RC/JU	Not 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 # BF101525

Review By	Rahul	Review On	10/16/2025 3:26:35 PM		
Supervise By	Jagrut	Supervise On	10/16/2025 4:21:15 PM		
SubDirectory	BF101525	HP Acquire Method	BNA_F	HP Processing Method	BF100625

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13178,10ul/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	BF143950.D	15 Oct 2025 14:04		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143951.D	15 Oct 2025 14:33		RC/JU	Ok
3	PB170101BL	PB170101BL	BF143952.D	15 Oct 2025 15:02		RC/JU	Ok
4	PB170101BS	PB170101BS	BF143953.D	15 Oct 2025 15:31		RC/JU	Ok,M
5	PB170101BSD	PB170101BSD	BF143954.D	15 Oct 2025 16:00		RC/JU	Ok,M
6	PB170106BL	PB170106BL	BF143955.D	15 Oct 2025 16:29		RC/JU	Ok
7	PB170106BS	PB170106BS	BF143956.D	15 Oct 2025 16:59		RC/JU	Ok,M
8	Q3345-07	TANK-FARM-WATER	BF143957.D	15 Oct 2025 17:28		RC/JU	Ok
9	Q3341-01	C-1	BF143958.D	15 Oct 2025 17:57		RC/JU	Ok,M
10	Q3341-02	C-2	BF143959.D	15 Oct 2025 18:26		RC/JU	Ok
11	Q3341-03	C-3	BF143960.D	15 Oct 2025 18:56		RC/JU	Ok
12	Q3340-02	CONCRETE-2	BF143961.D	15 Oct 2025 19:25		RC/JU	Ok
13	Q3340-03	CONCRETE-3	BF143962.D	15 Oct 2025 19:54	Internal Standard Fail	RC/JU	Ok
14	Q3342-01	CONC-ROLLOFF-WC-	BF143963.D	15 Oct 2025 20:23		RC/JU	Ok,M
15	Q3345-01	TANK-FARM-SOIL	BF143964.D	15 Oct 2025 20:52		RC/JU	Ok,M
16	Q3345-03	2ND-STREET-SOIL	BF143965.D	15 Oct 2025 21:21		RC/JU	Ok
17	Q3337-03	LAYDOWN-YARD-2	BF143966.D	15 Oct 2025 21:51		RC/JU	Ok,M
18	Q3337-01	LAYDOWN-YARD-1	BF143967.D	15 Oct 2025 22:20		RC/JU	Ok,M

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF101525

Review By	Rahul	Review On	10/16/2025 3:26:35 PM		
Supervise By	Jagrut	Supervise On	10/16/2025 4:21:15 PM		
SubDirectory	BF101525	HP Acquire Method	BNA_F	HP Processing Method	BF100625

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13178,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3337-01MS	LAYDOWN-YARD-1MS	BF143968.D	15 Oct 2025 22:49	Some compound recovery failing low	RC/JU	Ok
20	Q3337-01MSD	LAYDOWN-YARD-1MS	BF143969.D	15 Oct 2025 23:18	Some compound recovery failing low	RC/JU	Ok,M
21	Q3343-01	SOIL-ROLLOFF-WC-1	BF143970.D	15 Oct 2025 23:47	Internal Standard Fail	RC/JU	Ok,M
22	Q3345-05	M-R-SOIL	BF143971.D	16 Oct 2025 00:16	Need further 5X dilution	RC/JU	Dilution
23	Q3340-01	CONCRETE-1	BF143972.D	16 Oct 2025 00:45	Internal Standard Fail	RC/JU	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/15/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137520

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
Q3340-01	CONCRETE-1	1	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3340-02	CONCRETE-2	2	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3340-03	CONCRETE-3	3	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3341-01	C-1	4	1.18	10.40	11.58	9.39	78.9	
Q3341-02	C-2	5	1.16	10.33	11.49	9.7	82.7	
Q3341-03	C-3	6	1.19	10.64	11.83	9.71	80.1	
Q3342-01	CONC-ROLLOFF-WC-1	7	1.14	10.24	11.38	9.8	84.6	
Q3343-01	SOIL-ROLLOFF-WC-1	8	1.15	10.46	11.61	10.6	90.3	
Q3343-02	SOIL-ROLLOFF-WC-1-EPH	9	1.11	10.68	11.79	10.71	89.9	
Q3343-03	SOIL-ROLLOFF-WC-1-VOC	10	1.16	10.74	11.9	10.82	89.9	
Q3345-01	TANK-FARM-SOIL	11	1.18	10.48	11.66	9.98	84.0	
Q3345-03	2ND-STREET-SOIL	12	1.14	10.85	11.99	10.63	87.5	
Q3345-05	M-R-SOIL	13	1.11	10.72	11.83	10.38	86.5	

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

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170106

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	10/15/2025
Matrix :	Solid			**Extraction Start Time :**	09:45
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	10/15/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	13:15
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	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	1.0ML	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	EP2641
Baked Na2SO4	N/A	EP2652
Methylene Chloride	N/A	E3973
Sand	N/A	E3951
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:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/15/25	RS (Ext lab)	JY/ SVOC
13:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170106

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 10/15/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170106BL	SBLK106	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U6-1
PB170106BS	SLCS106	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			2
Q3337-01	LAYDOWN-YARD-1	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		3
Q3337-01MS	LAYDOWN-YARD-1MS	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		4
Q3337-01MSD	LAYDOWN-YARD-1MSD	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	E		5
Q3337-03	LAYDOWN-YARD-2	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	D		6
Q3340-01	CONCRETE-1	SVOC-PAH	50.02	N/A	ritesh	Evelyn	1	A	Concrete	U1-1
Q3340-02	CONCRETE-2	SVOC-PAH	50.08	N/A	ritesh	Evelyn	1	D	Concrete	2
Q3340-03	CONCRETE-3	SVOC-PAH	50.01	N/A	ritesh	Evelyn	1	D	Concrete	3
Q3341-01	C-1	SVOCMS Group1	30.06	N/A	ritesh	Evelyn	1	E		4
Q3341-02	C-2	SVOCMS Group1	30.03	N/A	ritesh	Evelyn	1	E		5
Q3341-03	C-3	SVOCMS Group1	30.05	N/A	ritesh	Evelyn	1	E		6
Q3342-01	CONC-ROLLOFF-WC-1	SVOC-PAH	50.02	N/A	ritesh	Evelyn	1		Concrete	U2-1
Q3343-01	SOIL-ROLLOFF-WC-1	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		2
Q3345-01	TANK-FARM-SOIL	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		3
Q3345-03	2ND-STREET-SOIL	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		4
Q3345-05	M-R-SOIL	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	E		5

RS 10/15

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

10106 9:45

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3343 **WorkList ID :** 192463 **Department :** Extraction **Date :** 10-15-2025 08:40:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3337-01	LAYDOWN-YARD-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/13/2025	8270E
Q3337-03	LAYDOWN-YARD-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/13/2025	8270E
Q3340-01	CONCRETE-1	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D21	10/14/2025	8270E
Q3340-02	CONCRETE-2	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D21	10/14/2025	8270E
Q3340-03	CONCRETE-3	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D21	10/14/2025	8270E
Q3341-01	C-1	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	J12	10/13/2025	8270E
Q3341-02	C-2	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	J12	10/13/2025	8270E
Q3341-03	C-3	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	J12	10/13/2025	8270E
Q3342-01	CONC-ROLLOFF-WC-1	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/14/2025	8270E
Q3343-01	SOIL-ROLLOFF-WC-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/14/2025	8270E
Q3345-01	TANK-FARM-SOIL	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/14/2025	8270E
Q3345-03	2ND-STREET-SOIL	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/14/2025	8270E
Q3345-05	M-R-SOIL	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/14/2025	8270E

Date/Time 10/15/25 9:40
Raw Sample Received by: RJ (EZ-1006)
Raw Sample Relinquished by: RJ (EZ-1006)

Date/Time 10/15/25 10:00
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RJ (EZ-1006)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q3341
COC Number 2045181

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Kleinfelder
ADDRESS: 180 Sheree Blvd.
CITY Exton STATE: PA ZIP:
ATTENTION: Mark Warchol
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Webster School
PROJECT NO.: LOCATION:
PROJECT MANAGER: Mark Warchol
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Kleinfelder PO#:
ADDRESS:
CITY Framingham STATE: MA ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 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 4 (QC + Full Raw Data)
- ☒ Level 2 (Results + QC)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

PADEP Clean Fill

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.	C-1	soil	X		10/13/25	9:45	3	X									
2.	C-2	↓	X		↓	10:10	3	X									
3.	C-3	↓	X		↓	10:35	3	X									
4.																	
5.																	
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. Mark Warchol	10/13/25 12:30	1.
2.	10/14/25 12:00	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.9°C °C
Comments: PADEP Clean Fill Parameters
IR Gun #1

Page ___ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	Q3341 POWE02	**Order Date :**	10/14/2025 12:11:00 PM	**Project Mgr :**	
Client Name :	Kleinfelder	**Project Name :**	Webster School	**Report Type :**	Results+QC
Client Contact :	Mark Warchol	**Receive DateTime :**	10/14/2025 12:00:00 PM	**EDD Type :**	EXCEL NOCLEANUP
Invoice Name :	Kleinfelder	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Mark Warchol			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3341-01	C-1	Solid	10/13/2025	09:45					
					VOCMS Group1		8260D		5 Bus. Days
Q3341-02	C-2	Solid	10/13/2025	10:10					
					VOCMS Group1		8260D		5 Bus. Days
Q3341-03	C-3	Solid	10/13/2025	10:35					
					VOCMS Group1		8260D		5 Bus. Days

Relinguished By : _____
Date / Time : 10/14/25 1230

Received By : _____
Date / Time : _____

10/14/25 12:30

Storage Area : **VOA Refridgerator Room**