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

Cover Page

Order ID : Q2900

Project ID : National Grid Equity - Brooklyn NY

Client : AECOM

Lab Sample Number	Client Sample Number
Q2900-01	MN-9C-081825
Q2900-02	MN-12C-081825
Q2900-03	DUP-01-081825
Q2900-04	MW-17B-081825
Q2900-05	MW-11C-081825
Q2900-06	MW-17C-081825
Q2900-07	MW-11B-081825
Q2900-08	TB-081825

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 8/29/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2900**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **SOHIL JODHANI** **Date:** **08/29/2025**

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

LAB CHRONICLE

OrderID:	Q2900	**OrderDate:**	8/18/2025 4:05:40 PM
Client:	AECOM	**Project:**	National Grid Equity - Brooklyn NY
Contact:	Peter S	**Location:**	J11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2900-01	**MN-9C-081825**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-02	**MN-12C-081825**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-02DL	**MN-12C-081825DL**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-02DL2	**MN-12C-081825DL2**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-03	**DUP-01-081825**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-03DL	**DUP-01-081825DL**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-03DL2	**DUP-01-081825DL2**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-04	**MW-17B-081825**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/20/25	
Q2900-05	**MW-11C-081825**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-05DL	**MW-11C-081825DL**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-05DL2	**MW-11C-081825DL2**	**Water**			**08/18/25**			**08/18/25**

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

LAB CHRONICLE

			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-06	**MW-17C-081825**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/20/25	
Q2900-07	**MW-11B-081825**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/20/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q2900

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MN-9C-081825									
Q2900-01	MN-9C-081825	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.400	AB	0	0	ug/L
Q2900-01	MN-9C-081825	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
			Total Tics :		**114.40**				
			Total Concentration:		**114.40**				
Client ID : MN-12C-081825									
Q2900-02	MN-12C-081825	WATER	Naphthalene		3,800.000	E	0.55	5.5	ug/L
Q2900-02	MN-12C-081825	WATER	2-Methylnaphthalene		800.000	E	0.62	5.5	ug/L
Q2900-02	MN-12C-081825	WATER	1,1-Biphenyl		27.700		0.58	5.5	ug/L
Q2900-02	MN-12C-081825	WATER	Acenaphthylene		150.000	E	0.82	5.5	ug/L
Q2900-02	MN-12C-081825	WATER	Acenaphthene		30.200		0.6	5.5	ug/L
Q2900-02	MN-12C-081825	WATER	Dibenzofuran		3.800	J	0.67	5.5	ug/L
Q2900-02	MN-12C-081825	WATER	Fluorene		27.100		0.69	5.5	ug/L
Q2900-02	MN-12C-081825	WATER	Phenanthrene		11.400		0.55	5.5	ug/L
Q2900-02	MN-12C-081825	WATER	Carbazole		13.700		0.79	5.5	ug/L
			Total Svoc :		**4,863.90**				
Q2900-02	MN-12C-081825	WATER	.alpha.-Methylstyrene	*	7.800	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	1,3,5-Cycloheptatriene	*	180.000	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	1,3-Cyclopentadiene, 5-(1-methyl	*	110.000	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	1,3-Methanopentalene, 1,2,3,5-tet	*	8.700	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Benzene, (2-methyl-1-propenyl)-	*	7.700	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Benzene, 1,2,4-trimethyl-	*	22.000	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Benzene, 1-ethenyl-2-methyl-	*	68.000	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Benzene, 1-ethyl-2-methyl-	*	40.800	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Benzene, 1-ethyl-3-methyl-	*	7.300	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Benzene, 1-ethyl-4-methyl-	*	21.600	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Bicyclo[4.2.0]octa-1,3,5-triene	*	120.000	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Butane, 2-methoxy-2-methyl-	*	19.600	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Naphthalene, 1,6-dimethyl-	*	26.400	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Naphthalene, 2,3-dimethyl-	*	13.500	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Naphthalene, 2,7-dimethyl-	*	22.200	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Indane	*	64.800	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Indene	*	200.000	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	unknown7.045	*	8.400	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	1-Methylnaphthalene	*	670.000	J	0.73	5.5	ug/L
			Total Tics :		**1,618.80**				
			Total Concentration:		**6,482.70**				

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

Hit Summary Sheet
SW-846

SDG No.: Q2900

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MN-12C-081825DL									
Q2900-02DL	MN-12C-081825DL	WATER	Naphthalene		4,600.000	ED	11	110	ug/L
Q2900-02DL	MN-12C-081825DL	WATER	2-Methylnaphthalene		550.000	D	12.3	110	ug/L
Q2900-02DL	MN-12C-081825DL	WATER	Acenaphthylene		200.000	D	16.5	110	ug/L
			Total Svoc :		**5,350.00**				
			Total Concentration:		**5,350.00**				
Client ID : MN-12C-081825DL2									
Q2900-02DL2	MN-12C-081825DL2	WATER	Naphthalene		8,000.000	D	54.9	550	ug/L
Q2900-02DL2	MN-12C-081825DL2	WATER	2-Methylnaphthalene		690.000	D	61.5	550	ug/L
Q2900-02DL2	MN-12C-081825DL2	WATER	Acenaphthylene		240.000	JD	82.4	550	ug/L
			Total Svoc :		**8,930.00**				
			Total Concentration:		**8,930.00**				
Client ID : DUP-01-081825									
Q2900-03	DUP-01-081825	WATER	Naphthalene		4,300.000	E	0.54	5.4	ug/L
Q2900-03	DUP-01-081825	WATER	2-Methylnaphthalene		900.000	E	0.6	5.4	ug/L
Q2900-03	DUP-01-081825	WATER	1,1-Biphenyl		30.800		0.57	5.4	ug/L
Q2900-03	DUP-01-081825	WATER	Acenaphthylene		170.000	E	0.81	5.4	ug/L
Q2900-03	DUP-01-081825	WATER	Acenaphthene		28.900		0.59	5.4	ug/L
Q2900-03	DUP-01-081825	WATER	Dibenzofuran		4.400	J	0.66	5.4	ug/L
Q2900-03	DUP-01-081825	WATER	Fluorene		25.900		0.68	5.4	ug/L
Q2900-03	DUP-01-081825	WATER	Phenanthrene		13.900		0.54	5.4	ug/L
Q2900-03	DUP-01-081825	WATER	Carbazole		14.700		0.77	5.4	ug/L
			Total Svoc :		**5,488.60**				
Q2900-03	DUP-01-081825	WATER	.alpha.-Methylstyrene	*	8.300	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Naphthalene, 1,3-dimethyl-	*	14.900	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Naphthalene, 1,5-dimethyl-	*	29.100	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Naphthalene, 1,6-dimethyl-	*	24.900	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Naphthalene, 1,7-dimethyl-	*	12.700	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Naphthalene, 2-ethenyl-	*	13.300	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	1,3,5-Cycloheptatriene	*	160.000	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	1,3-Cyclopentadiene, 5-(1-methyl	*	91.200	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Benzene, 1,2,3-trimethyl-	*	65.800	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Benzene, 1,2,4-trimethyl-	*	21.500	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Benzene, 1-ethyl-2-methyl-	*	35.900	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Benzene, 1-ethyl-4-methyl-	*	20.000	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Bicyclo[4.2.0]octa-1,3,5-triene	*	110.000	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Butane, 2-methoxy-2-methyl-	*	17.400	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	*	7.900	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	trans-Cinnamyl bromide	*	7.300	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Indane	*	54.000	J	0	0	ug/L

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

Hit Summary Sheet
SW-846

SDG No.: Q2900

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2900-03	DUP-01-081825	WATER	Indene	*	180.000	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	1-Methylnaphthalene	*	770.000	J	0.71	5.4	ug/L
			Total Tics :		**1,644.20**				
			Total Concentration:		**7,132.80**				
Client ID :	**DUP-01-081825DL**								
Q2900-03DL	DUP-01-081825DL	WATER	Naphthalene		4,300.000	ED	10.8	110	ug/L
Q2900-03DL	DUP-01-081825DL	WATER	2-Methylnaphthalene		520.000	D	12	110	ug/L
Q2900-03DL	DUP-01-081825DL	WATER	Acenaphthylene		190.000	D	16.1	110	ug/L
			Total Svoc :		**5,010.00**				
			Total Concentration:		**5,010.00**				
Client ID :	**DUP-01-081825DL2**								
Q2900-03DL2	DUP-01-081825DL2	WATER	Naphthalene		8,300.000	D	53.8	540	ug/L
Q2900-03DL2	DUP-01-081825DL2	WATER	2-Methylnaphthalene		760.000	D	60.2	540	ug/L
Q2900-03DL2	DUP-01-081825DL2	WATER	Acenaphthylene		270.000	JD	80.6	540	ug/L
			Total Svoc :		**9,330.00**				
			Total Concentration:		**9,330.00**				
Client ID :	**MW-17B-081825**								
Q2900-04	MW-17B-081825	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.200	AB	0	0	ug/L
Q2900-04	MW-17B-081825	WATER	Butane, 2-methoxy-2-methyl-	*	120.000	J	0	0	ug/L
			Total Tics :		**125.20**				
			Total Concentration:		**125.20**				
Client ID :	**MW-11C-081825**								
Q2900-05	MW-11C-081825	WATER	Naphthalene		2,200.000	E	0.53	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	2-Methylnaphthalene		160.000	E	0.59	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	1,1-Biphenyl		24.000		0.56	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	Acenaphthylene		110.000	E	0.79	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	Acenaphthene		69.200		0.58	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	Dibenzofuran		5.000	J	0.64	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	Fluorene		17.900		0.66	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	Phenanthrene		23.600		0.53	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	Anthracene		3.300	J	0.64	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	Carbazole		13.100		0.76	5.3	ug/L
			Total Svoc :		**2,626.10**				
Q2900-05	MW-11C-081825	WATER	1,3,5-Cycloheptatriene	*	400.000	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	1,3-Cyclopentadiene, 5-(1-methyl	*	360.000	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	1H-Indene, 1-methyl-	*	4.200	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Benzene, (1-methylethyl)-	*	39.600	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Benzene, 1,2,3-trimethyl-	*	130.000	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Benzene, 1,3-dimethyl-	*	480.000	J	0	0	ug/L

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

Hit Summary Sheet
SW-846

SDG No.: Q2900

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2900-05	MW-11C-081825	WATER	Benzene, 1-ethyl-2-methyl-	*	29.600	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Benzene, 1-ethyl-4-methyl-	*	95.700	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Benzene, 2-propenyl-	*	25.000	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Benzene,1-methyl-1,2-propadieny	*	3.500	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Butane, 2-methoxy-2-methyl-	*	130.000	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Indane	*	230.000	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Indene	*	890.000	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Naphthalene, 1,3-dimethyl-	*	17.900	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Naphthalene, 1,6-dimethyl-	*	25.900	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Naphthalene, 1-ethyl-	*	12.500	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Naphthalene, 2,3-dimethyl-	*	36.400	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	*	37.900	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	1-Methylnaphthalene	*	570.000	J	0.69	5.3	ug/L
			Total Tics :		**3,518.20**				
			Total Concentration:		**6,144.30**				
Client ID :	**MW-11C-081825DL**								
Q2900-05DL	MW-11C-081825DL	WATER	Naphthalene		2,800.000	ED	10.5	110	ug/L
Q2900-05DL	MW-11C-081825DL	WATER	2-Methylnaphthalene		76.600	JD	11.8	110	ug/L
Q2900-05DL	MW-11C-081825DL	WATER	Acenaphthylene		120.000	D	15.8	110	ug/L
Q2900-05DL	MW-11C-081825DL	WATER	Acenaphthene		72.400	JD	11.6	110	ug/L
			Total Svoc :		**3,069.00**				
			Total Concentration:		**3,069.00**				
Client ID :	**MW-11C-081825DL2**								
Q2900-05DL2	MW-11C-081825DL2	WATER	Naphthalene		5,300.000	D	52.6	530	ug/L
			Total Svoc :		**5,300.00**				
			Total Concentration:		**5,300.00**				
Client ID :	**MW-17C-081825**								
Q2900-06	MW-17C-081825	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.900	AB	0	0	ug/L
Q2900-06	MW-17C-081825	WATER	Butane, 2-methoxy-2-methyl-	*	120.000	J	0	0	ug/L
			Total Tics :		**124.90**				
			Total Concentration:		**124.90**				
Client ID :	**MW-11B-081825**								
Q2900-07	MW-11B-081825	WATER	Naphthalene		8.500		0.52	5.2	ug/L
			Total Svoc :		**8.50**				
Q2900-07	MW-11B-081825	WATER	2,6-Dimethylphenyl isocyanate	*	3.700	J	0	0	ug/L
Q2900-07	MW-11B-081825	WATER	2-Indolinone, 1-methyl-	*	5.600	J	0	0	ug/L
Q2900-07	MW-11B-081825	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.200	AB	0	0	ug/L
Q2900-07	MW-11B-081825	WATER	Benzene, (1-methylethyl)-	*	6.200	J	0	0	ug/L
Q2900-07	MW-11B-081825	WATER	Benzene, 1-ethyl-2-methyl-	*	3.600	J	0	0	ug/L

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

Hit Summary Sheet
SW-846

SDG No.: Q2900

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2900-07	MW-11B-081825	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	7.500	J	0	0	ug/L
Q2900-07	MW-11B-081825	WATER	Benzophenone	*	5.300	J	0	0	ug/L
Q2900-07	MW-11B-081825	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2900-07	MW-11B-081825	WATER	Indane	*	210.000	J	0	0	ug/L
Q2900-07	MW-11B-081825	WATER	1-Methylnaphthalene	*	4.600	J	0.69	5.2	ug/L
			Total Tics :		**360.70**				
			Total Concentration:		**369.20**				

QC SUMMARY

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

Surrogate Summary

SW-846

SDG No.: Q2900

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169313BL	PB169313BL	2-Fluorophenol	150	120	80		23	138
		Phenol-d6	150	121	81		10	134
		Nitrobenzene-d5	100	85.9	86		67	132
		2-Fluorobiphenyl	100	83.4	83		52	132
		2,4,6-Tribromophenol	150	121	81		44	137
		Terphenyl-d14	100	94.0	94		42	152
PB169313BS	PB169313BS	2-Fluorophenol	150	126	84		23	138
		Phenol-d6	150	127	84		10	134
		Nitrobenzene-d5	100	92.7	93		67	132
		2-Fluorobiphenyl	100	86.6	87		52	132
		2,4,6-Tribromophenol	150	140	93		44	137
		Terphenyl-d14	100	94.8	95		42	152
PB169313BSD	PB169313BSD	2-Fluorophenol	150	118	79		23	138
		Phenol-d6	150	120	80		10	134
		Nitrobenzene-d5	100	87.2	87		67	132
		2-Fluorobiphenyl	100	81.4	81		52	132
		2,4,6-Tribromophenol	150	127	84		44	137
		Terphenyl-d14	100	91.2	91		42	152
Q2900-01	MN-9C-081825	2-Fluorophenol	150	65.0	43		23	138
		Phenol-d6	150	43.0	29		10	134
		Nitrobenzene-d5	100	93.7	94		67	132
		2-Fluorobiphenyl	100	87.7	88		52	132
		2,4,6-Tribromophenol	150	140	93		44	137
		Terphenyl-d14	100	86.7	87		42	152
Q2900-02	MN-12C-081825	2-Fluorophenol	150	33.1	22	*	23	138
		Phenol-d6	150	42.2	28		10	134
		Nitrobenzene-d5	100	246	246	*	67	132
		2-Fluorobiphenyl	100	82.2	82		52	132
		2,4,6-Tribromophenol	150	133	89		44	137
		Terphenyl-d14	100	87.4	87		42	152
Q2900-02DL	MN-12C-081825DL	2-Fluorophenol	150	51.2	34		23	138
		Phenol-d6	150	37.2	25		10	134
		Nitrobenzene-d5	100	84.4	84		67	132
		2-Fluorobiphenyl	100	97.9	98		52	132
		2,4,6-Tribromophenol	150	98.2	65		44	137
		Terphenyl-d14	100	80.9	81		42	152
Q2900-02DL2	MN-12C-081825DL2	2-Fluorophenol	150	46.4	31		23	138
		Phenol-d6	150	42.2	28		10	134
		Nitrobenzene-d5	100	91.9	92		67	132
		2-Fluorobiphenyl	100	133	133	*	52	132
		2,4,6-Tribromophenol	150	74.4	50		44	137
		Terphenyl-d14	100	96.7	97		42	152
Q2900-03	DUP-01-081825	2-Fluorophenol	150	29.6	20	*	23	138
		Phenol-d6	150	39.9	27		10	134
		Nitrobenzene-d5	100	258	258	*	67	132
		2-Fluorobiphenyl	100	79.8	80		52	132
		2,4,6-Tribromophenol	150	132	88		44	137
		Terphenyl-d14	100	82.7	83		42	152
Q2900-03DL	DUP-01-081825DL	2-Fluorophenol	150	40.7	27		23	138
		Phenol-d6	150	28.2	19		10	134
		Nitrobenzene-d5	100	68.1	68		67	132

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

Surrogate Summary

SW-846

SDG No.: Q2900

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2900-03DL	DUP-01-081825DL	2-Fluorobiphenyl	100	76.8	77		52	132
		2,4,6-Tribromophenol	150	76.5	51		44	137
		Terphenyl-d14	100	66.7	67		42	152
Q2900-03DL2	DUP-01-081825DL2	2-Fluorophenol	150	37.8	25		23	138
		Phenol-d6	150	31.3	21		10	134
		Nitrobenzene-d5	100	82.9	83		67	132
		2-Fluorobiphenyl	100	115	115		52	132
		2,4,6-Tribromophenol	150	60.6	40	*	44	137
		Terphenyl-d14	100	89.0	89		42	152
Q2900-04	MW-17B-081825	2-Fluorophenol	150	63.2	42		23	138
		Phenol-d6	150	39.9	27		10	134
		Nitrobenzene-d5	100	93.5	94		67	132
		2-Fluorobiphenyl	100	84.0	84		52	132
		2,4,6-Tribromophenol	150	128	86		44	137
		Terphenyl-d14	100	91.9	92		42	152
Q2900-05	MW-11C-081825	2-Fluorophenol	150	48.1	32		23	138
		Phenol-d6	150	37.8	25		10	134
		Nitrobenzene-d5	100	200	200	*	67	132
		2-Fluorobiphenyl	100	84.4	84		52	132
		2,4,6-Tribromophenol	150	135	90		44	137
		Terphenyl-d14	100	83.5	83		42	152
Q2900-05DL	MW-11C-081825DL	2-Fluorophenol	150	39.7	26		23	138
		Phenol-d6	150	27.6	18		10	134
		Nitrobenzene-d5	100	73.7	74		67	132
		2-Fluorobiphenyl	100	88.6	89		52	132
		2,4,6-Tribromophenol	150	77.6	52		44	137
		Terphenyl-d14	100	67.2	67		42	152
Q2900-05DL2	MW-11C-081825DL2	2-Fluorophenol	150	54.0	36		23	138
		Phenol-d6	150	27.1	18		10	134
		Nitrobenzene-d5	100	90.5	90		67	132
		2-Fluorobiphenyl	100	134	134	*	52	132
		2,4,6-Tribromophenol	150	57.5	38	*	44	137
		Terphenyl-d14	100	88.8	89		42	152
Q2900-06	MW-17C-081825	2-Fluorophenol	150	69.8	47		23	138
		Phenol-d6	150	51.4	34		10	134
		Nitrobenzene-d5	100	91.1	91		67	132
		2-Fluorobiphenyl	100	80.7	81		52	132
		2,4,6-Tribromophenol	150	137	91		44	137
		Terphenyl-d14	100	80.3	80		42	152
Q2900-07	MW-11B-081825	2-Fluorophenol	150	60.0	40		23	138
		Phenol-d6	150	40.4	27		10	134
		Nitrobenzene-d5	100	85.6	86		67	132
		2-Fluorobiphenyl	100	80.6	81		52	132
		2,4,6-Tribromophenol	150	122	82		44	137
		Terphenyl-d14	100	80.7	81		42	152

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2900 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BF143488.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169313BS	Benzaldehyde	50	25.5	ug/L	51				10	162	
	Phenol	50	42.6	ug/L	85				66	118	
	bis(2-Chloroethyl)ether	50	44.6	ug/L	89				62	103	
	2-Chlorophenol	50	45.3	ug/L	91				70	117	
	2-Methylphenol	50	45.7	ug/L	91				69	109	
	2,2-oxybis(1-Chloropropane)	50	44.5	ug/L	89				65	100	
	Acetophenone	50	45.9	ug/L	92				60	104	
	3+4-Methylphenols	50	45.1	ug/L	90				67	106	
	N-Nitroso-di-n-propylamine	50	46.7	ug/L	93				57	107	
	Hexachloroethane	50	45.1	ug/L	90				76	118	
	Nitrobenzene	50	45.0	ug/L	90				58	106	
	Isophorone	50	46.3	ug/L	93				61	102	
	2-Nitrophenol	50	47.1	ug/L	94				70	115	
	2,4-Dimethylphenol	50	48.5	ug/L	97				42	142	
	bis(2-Chloroethoxy)methane	50	45.7	ug/L	91				58	109	
	2,4-Dichlorophenol	50	44.3	ug/L	89				66	115	
	Naphthalene	50	43.9	ug/L	88				64	107	
	4-Chloroaniline	50	29.3	ug/L	59				10	85	
	Hexachlorobutadiene	50	44.8	ug/L	90				69	101	
	Caprolactam	50	51.4	ug/L	103				58	128	
	4-Chloro-3-methylphenol	50	45.4	ug/L	91				65	114	
	2-Methylnaphthalene	50	40.4	ug/L	81				64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120				36	160	
	2,4,6-Trichlorophenol	50	45.3	ug/L	91				61	110	
	2,4,5-Trichlorophenol	50	44.2	ug/L	88				70	106	
	1,1-Biphenyl	50	44.7	ug/L	89				72	98	
	2-Chloronaphthalene	50	43.8	ug/L	88				59	106	
	2-Nitroaniline	50	46.2	ug/L	92				73	114	
	Dimethylphthalate	50	46.7	ug/L	93				64	103	
	Acenaphthylene	50	49.5	ug/L	99				79	103	
	2,6-Dinitrotoluene	50	50.4	ug/L	101				64	110	
	3-Nitroaniline	50	34.3	ug/L	69				28	100	
	Acenaphthene	50	47.9	ug/L	96				59	113	
	2,4-Dinitrophenol	100	90.6	ug/L	91				36	166	
	4-Nitrophenol	100	99.2	ug/L	99				45	147	
	Dibenzofuran	50	44.9	ug/L	90				65	106	
	2,4-Dinitrotoluene	50	50.9	ug/L	102				60	115	
	Diethylphthalate	50	47.7	ug/L	95				63	105	
	4-Chlorophenyl-phenylether	50	45.2	ug/L	90				61	104	
	Fluorene	50	45.4	ug/L	91				64	107	
	4-Nitroaniline	50	48.5	ug/L	97				55	125	
	4,6-Dinitro-2-methylphenol	50	52.6	ug/L	105				62	132	
	N-Nitrosodiphenylamine	50	47.9	ug/L	96				61	109	
	4-Bromophenyl-phenylether	50	46.0	ug/L	92				73	103	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2900 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BF143488.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169313BS	Hexachlorobenzene	50	45.7	ug/L	91				73	106	
	Atrazine	50	49.7	ug/L	99				76	120	
	Pentachlorophenol	100	98.0	ug/L	98				47	114	
	Phenanthrene	50	45.1	ug/L	90				62	109	
	Anthracene	50	45.8	ug/L	92				65	110	
	Carbazole	50	46.1	ug/L	92				62	106	
	Di-n-butylphthalate	50	49.8	ug/L	100				64	106	
	Fluoranthene	50	45.7	ug/L	91				64	110	
	Pyrene	50	47.0	ug/L	94				71	103	
	Butylbenzylphthalate	50	50.7	ug/L	101				61	105	
	3,3-Dichlorobenzidine	50	33.0	ug/L	66				43	108	
	Benzo(a)anthracene	50	46.5	ug/L	93				62	107	
	Chrysene	50	48.8	ug/L	98				61	108	
	bis(2-Ethylhexyl)phthalate	50	51.0	ug/L	102				59	110	
	Di-n-octyl phthalate	50	51.1	ug/L	102				52	139	
	Benzo(b)fluoranthene	50	46.9	ug/L	94				77	113	
	Benzo(k)fluoranthene	50	47.6	ug/L	95				77	105	
	Benzo(a)pyrene	50	49.7	ug/L	99				72	131	
	Indeno(1,2,3-cd)pyrene	50	46.9	ug/L	94				72	105	
	Dibenz(a,h)anthracene	50	47.3	ug/L	95				78	115	
	Benzo(g,h,i)perylene	50	48.2	ug/L	96				75	118	
	1,2,4,5-Tetrachlorobenzene	50	43.3	ug/L	87				72	101	
	1,4-Dioxane	50	38.9	ug/L	78				38	125	
	2,3,4,6-Tetrachlorophenol	50	51.8	ug/L	104				63	116	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2900 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BF143489.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169313BSD	Benzaldehyde	50	26.7	ug/L	53	5			10	162	20
	Phenol	50	43.9	ug/L	88	3			66	118	20
	bis(2-Chloroethyl)ether	50	46.1	ug/L	92	3			62	103	20
	2-Chlorophenol	50	46.9	ug/L	94	3			70	117	20
	2-Methylphenol	50	47.2	ug/L	94	3			69	109	20
	2,2-oxybis(1-Chloropropane)	50	46.8	ug/L	94	5			65	100	20
	Acetophenone	50	47.0	ug/L	94	2			60	104	20
	3+4-Methylphenols	50	46.3	ug/L	93	3			67	106	20
	N-Nitroso-di-n-propylamine	50	47.8	ug/L	96	2			57	107	20
	Hexachloroethane	50	46.8	ug/L	94	4			76	118	20
	Nitrobenzene	50	46.8	ug/L	94	4			58	106	20
	Isophorone	50	48.7	ug/L	97	5			61	102	20
	2-Nitrophenol	50	48.9	ug/L	98	4			70	115	20
	2,4-Dimethylphenol	50	49.4	ug/L	99	2			42	142	20
	bis(2-Chloroethoxy)methane	50	46.6	ug/L	93	2			58	109	20
	2,4-Dichlorophenol	50	45.3	ug/L	91	2			66	115	20
	Naphthalene	50	44.8	ug/L	90	2			64	107	20
	4-Chloroaniline	50	12.9	ug/L	26	78		*	10	85	20
	Hexachlorobutadiene	50	46.5	ug/L	93	4			69	101	20
	Caprolactam	50	52.1	ug/L	104	1			58	128	20
	4-Chloro-3-methylphenol	50	46.1	ug/L	92	2			65	114	20
	2-Methylnaphthalene	50	41.2	ug/L	82	2			64	107	20
	Hexachlorocyclopentadiene	100	120	ug/L	120	0			36	160	20
	2,4,6-Trichlorophenol	50	45.7	ug/L	91	1			61	110	20
	2,4,5-Trichlorophenol	50	44.0	ug/L	88	0			70	106	20
	1,1-Biphenyl	50	44.9	ug/L	90	0			72	98	20
	2-Chloronaphthalene	50	44.4	ug/L	89	1			59	106	20
	2-Nitroaniline	50	47.5	ug/L	95	3			73	114	20
	Dimethylphthalate	50	47.0	ug/L	94	1			64	103	20
	Acenaphthylene	50	50.0	ug/L	100	1			79	103	20
	2,6-Dinitrotoluene	50	51.2	ug/L	102	2			64	110	20
	3-Nitroaniline	50	24.3	ug/L	49	34		*	28	100	20
	Acenaphthene	50	49.3	ug/L	99	3			59	113	20
	2,4-Dinitrophenol	100	93.0	ug/L	93	3			36	166	20
	4-Nitrophenol	100	100	ug/L	100	1			45	147	20
	Dibenzofuran	50	44.9	ug/L	90	0			65	106	20
	2,4-Dinitrotoluene	50	52.3	ug/L	105	3			60	115	20
	Diethylphthalate	50	48.4	ug/L	97	1			63	105	20
	4-Chlorophenyl-phenylether	50	45.5	ug/L	91	1			61	104	20
	Fluorene	50	45.8	ug/L	92	1			64	107	20
	4-Nitroaniline	50	48.3	ug/L	97	0			55	125	20
	4,6-Dinitro-2-methylphenol	50	53.3	ug/L	107	1			62	132	20
	N-Nitrosodiphenylamine	50	48.3	ug/L	97	1			61	109	20
	4-Bromophenyl-phenylether	50	46.8	ug/L	94	2			73	103	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2900 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BF143489.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169313BSD	Hexachlorobenzene	50	47.1	ug/L	94	3			73	106	20
	Atrazine	50	52.6	ug/L	105	6			76	120	20
	Pentachlorophenol	100	100	ug/L	100	2			47	114	20
	Phenanthrene	50	46.8	ug/L	94	4			62	109	20
	Anthracene	50	47.1	ug/L	94	3			65	110	20
	Carbazole	50	47.8	ug/L	96	4			62	106	20
	Di-n-butylphthalate	50	51.4	ug/L	103	3			64	106	20
	Fluoranthene	50	46.9	ug/L	94	3			64	110	20
	Pyrene	50	48.7	ug/L	97	4			71	103	20
	Butylbenzylphthalate	50	53.8	ug/L	108	6	*		61	105	20
	3,3-Dichlorobenzidine	50	20.5	ug/L	41	47	*	*	43	108	20
	Benzo(a)anthracene	50	46.9	ug/L	94	1			62	107	20
	Chrysene	50	49.3	ug/L	99	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	50.7	ug/L	101	1			59	110	20
	Di-n-octyl phthalate	50	51.3	ug/L	103	0			52	139	20
	Benzo(b)fluoranthene	50	47.0	ug/L	94	0			77	113	20
	Benzo(k)fluoranthene	50	49.1	ug/L	98	3			77	105	20
	Benzo(a)pyrene	50	50.8	ug/L	102	2			72	131	20
	Indeno(1,2,3-cd)pyrene	50	47.4	ug/L	95	1			72	105	20
	Dibenz(a,h)anthracene	50	48.4	ug/L	97	2			78	115	20
	Benzo(g,h,i)perylene	50	49.0	ug/L	98	2			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	43.6	ug/L	87	1			72	101	20
	1,4-Dioxane	50	39.4	ug/L	79	1			38	125	20
	2,3,4,6-Tetrachlorophenol	50	52.0	ug/L	104	0			63	116	20

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169313BL

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2900

Lab File ID: BF143499.D | Lab Sample ID: PB169313BL

Instrument ID: BNA_F | Date Extracted: 08/19/2025

Matrix: (soil/water) Water | Date Analyzed: 08/20/2025

Level: (low/med) LOW | Time Analyzed: 22:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169313BS	PB169313BS	BF143488.D	08/20/2025
PB169313BSD	PB169313BSD	BF143489.D	08/20/2025
MN-9C-081825	Q2900-01	BF143503.D	08/21/2025
MN-12C-081825	Q2900-02	BF143511.D	08/21/2025
DUP-01-081825	Q2900-03	BF143512.D	08/21/2025
MW-17C-081825	Q2900-06	BF143494.D	08/20/2025
MW-11B-081825	Q2900-07	BF143495.D	08/20/2025
MW-17B-081825	Q2900-04	BF143496.D	08/20/2025
MW-11C-081825	Q2900-05	BF143513.D	08/21/2025

COMMENTS:

Raw Data: **BF143476.D**

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2900

Lab File ID: BF143476.D DFTPP Injection Date: 08/20/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	79.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143477.D	08/20/2025	10:55
SSTDICC005	SSTDICC005	BF143478.D	08/20/2025	11:25
SSTDICC010	SSTDICC010	BF143479.D	08/20/2025	11:54
SSTDICC020	SSTDICC020	BF143480.D	08/20/2025	12:23
SSTDICCC040	SSTDICCC040	BF143481.D	08/20/2025	12:53
SSTDICC050	SSTDICC050	BF143482.D	08/20/2025	13:22
SSTDICC060	SSTDICC060	BF143483.D	08/20/2025	13:51
SSTDICC080	SSTDICC080	BF143484.D	08/20/2025	14:20
PB169313BS	PB169313BS	BF143488.D	08/20/2025	16:44
PB169313BSD	PB169313BSD	BF143489.D	08/20/2025	17:13
MW-17C-081825	Q2900-06	BF143494.D	08/20/2025	19:39
MW-11B-081825	Q2900-07	BF143495.D	08/20/2025	20:08
MW-17B-081825	Q2900-04	BF143496.D	08/20/2025	20:37

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: AECO02

Lab Code: ACE — SDG NO.: Q2900

Lab File ID: BF143497.D — DFTPP Injection Date: 08/20/2025

Instrument ID: BNA_F — DFTPP Injection Time: 21:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	83.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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	BF143498.D	08/20/2025	22:05
PB169313BL	PB169313BL	BF143499.D	08/20/2025	22:34
MN-9C-081825	Q2900-01	BF143503.D	08/21/2025	00:29
MN-12C-081825	Q2900-02	BF143511.D	08/21/2025	04:21
DUP-01-081825	Q2900-03	BF143512.D	08/21/2025	04:49
MW-11C-081825	Q2900-05	BF143513.D	08/21/2025	05:18

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: AECO02

Lab Code: ACE — SDG NO.: Q2900

Lab File ID: BF143517.D — DFTPP Injection Date: 08/21/2025

Instrument ID: BNA_F — DFTPP Injection Time: 08:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	77.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 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	BF143518.D	08/21/2025	09:21
MN-12C-081825DL	Q2900-02DL	BF143522.D	08/21/2025	11:18
DUP-01-081825DL	Q2900-03DL	BF143523.D	08/21/2025	11:47
MW-11C-081825DL	Q2900-05DL	BF143524.D	08/21/2025	12:17
MN-12C-081825DL2	Q2900-02DL2	BF143527.D	08/21/2025	13:44
DUP-01-081825DL2	Q2900-03DL2	BF143528.D	08/21/2025	14:13
MW-11C-081825DL2	Q2900-05DL2	BF143529.D	08/21/2025	14:42

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2900

Client ID : SSTDICCC040 Date Analyzed: 08/20/2025

Lab File ID: BF143481.D Time Analyzed: 12:53

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	137770	6.928	521928	8.21	282852	9.97
	UPPER LIMIT	275540	7.428	1043860	8.71	565704	10.469
	LOWER LIMIT	68885	6.428	260964	7.71	141426	9.469
	EPA SAMPLE NO.						
01	MW-17B-081825	131839	6.93	507504	8.20	273837	9.96
02	MW-17C-081825	136964	6.93	522451	8.20	285056	9.96
03	MW-11B-081825	135207	6.93	510064	8.20	268416	9.96
04	PB169313BS	135406	6.93	517174	8.21	285363	9.97
05	PB169313BSD	134095	6.93	510372	8.21	281230	9.97

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

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

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2900

Client ID: SSTDICCC040 Date Analyzed: 08/20/2025

Lab File ID: BF143481.D Time Analyzed: 12:53

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	436106	11.457	249960	14.098	288139	15.598
	UPPER LIMIT	872212	11.957	499920	14.598	576278	16.098
	LOWER LIMIT	218053	10.957	124980	13.598	144070	15.098
	EPA SAMPLE NO.						
01	MW-17B-081825	429631	11.45	242165	14.09	249186	15.59
02	MW-17C-081825	458576	11.45	262919	14.10	271441	15.59
03	MW-11B-081825	401142	11.45	238389	14.10	292027	15.59
04	PB169313BS	434773	11.46	242024	14.10	290471	15.60
05	PB169313BSD	429898	11.46	234937	14.10	275165	15.60

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.

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2900

Client ID : SSTDCCC040 Date Analyzed: 08/20/2025

Lab File ID: BF143498.D Time Analyzed: 22:05

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	138596	6.928	522619		8.21	286971	9.97
	UPPER LIMIT	277192	7.428	1045240		8.71	573942	10.469
	LOWER LIMIT	69298	6.428	261310		7.71	143486	9.469
	EPA SAMPLE NO.							
01	PB169313BL	129120	6.93	502778		8.20	274867	9.96
02	MN-9C-081825	128002	6.93	499284		8.20	269714	9.96
03	MN-12C-081825	121876	6.93	165304	*	8.23	245299	9.96
04	DUP-01-081825	127848	6.94	161605	*	8.23	252028	9.96
05	MW-11C-081825	125223	6.93	212422	*	8.23	251603	9.96

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2900

Client ID: SSTDCCC040 Date Analyzed: 08/20/2025

Lab File ID: BF143498.D Time Analyzed: 22:05

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	448105	11.451	253253	14.098	290056	15.592
	UPPER LIMIT	896210	11.951	506506	14.598	580112	16.092
	LOWER LIMIT	224053	10.951	126627	13.598	145028	15.092
	EPA SAMPLE NO.						
01	PB169313BL	442472	11.45	240607	14.10	242779	15.59
02	MN-9C-081825	422264	11.45	236275	14.09	262288	15.59
03	MN-12C-081825	368458	11.45	219458	14.09	260219	15.59
04	DUP-01-081825	378389	11.45	228850	14.09	280609	15.59
05	MW-11C-081825	379796	11.45	223331	14.09	273794	15.59

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.

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2900

Client ID : SSTDCCC040 Date Analyzed: 08/21/2025

Lab File ID: BF143518.D Time Analyzed: 09:21

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	118001	6.928	448774	8.21	244595	9.96
	UPPER LIMIT	236002	7.428	897548	8.71	489190	10.463
	LOWER LIMIT	59000.5	6.428	224387	7.71	122298	9.463
	EPA SAMPLE NO.						
01	MN-12C-081825DL	109819	6.93	413990	8.21	236192	9.96
02	MN-12C-081825DL2	101103	6.93	381650	8.21	199099	9.96
03	DUP-01-081825DL	120053	6.93	450034	8.21	257551	9.96
04	DUP-01-081825DL2	106391	6.93	406559	8.21	215536	9.96
05	MW-11C-081825DL	113395	6.92	431449	8.21	238091	9.96
06	MW-11C-081825DL2	101432	6.93	390858	8.20	202413	9.96

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2900

Client ID: SSTDCCC040 Date Analyzed: 08/21/2025

Lab File ID: BF143518.D Time Analyzed: 09:21

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	369706	11.451	222503	14.098	262934	15.592
	UPPER LIMIT	739412	11.951	445006	14.598	525868	16.092
	LOWER LIMIT	184853	10.951	111252	13.598	131467	15.092
	EPA SAMPLE NO.						
01	MN-12C-081825DL	347629	11.45	223408	14.09	252278	15.59
02	MN-12C-081825DL2	282280	11.45	191729	14.10	235106	15.60
03	DUP-01-081825DL	381973	11.45	254066	14.09	290998	15.59
04	DUP-01-081825DL2	311169	11.45	210624	14.09	252482	15.59
05	MW-11C-081825DL	357150	11.45	225989	14.09	263314	15.59
06	MW-11C-081825DL2	279024	11.45	183510	14.09	231339	15.59

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: **BF143503.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-9C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143503.D	1	08/19/25 09:29	08/21/25 00:29	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.2	U	4.00	10.2	ug/L
108-95-2	Phenol	5.10	U	0.93	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.10	U	0.83	5.10	ug/L
95-57-8	2-Chlorophenol	5.10	U	0.59	5.10	ug/L
95-48-7	2-Methylphenol	5.10	U	1.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.10	U	1.30	5.10	ug/L
98-86-2	Acetophenone	5.10	U	0.76	5.10	ug/L
65794-96-9	3+4-Methylphenols	10.2	U	1.10	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.40	2.60	ug/L
67-72-1	Hexachloroethane	5.10	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	5.10	U	0.78	5.10	ug/L
78-59-1	Isophorone	5.10	U	0.77	5.10	ug/L
88-75-5	2-Nitrophenol	5.10	U	1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	5.10	U	1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.10	U	0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	5.10	U	0.53	5.10	ug/L
91-20-3	Naphthalene	5.10	U	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	5.10	U	0.86	5.10	ug/L
87-68-3	Hexachlorobutadiene	5.10	U	0.55	5.10	ug/L
105-60-2	Caprolactam	10.2	U	1.20	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	5.10	U	0.60	5.10	ug/L
91-57-6	2-Methylnaphthalene	5.10	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	10.2	U	3.70	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	0.52	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	5.10	U	0.63	5.10	ug/L
92-52-4	1,1-Biphenyl	5.10	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	5.10	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	5.10	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	5.10	U	0.62	5.10	ug/L

Raw Data: **BF143503.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-9C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143503.D	1	08/19/25 09:29	08/21/25 00:29	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.10	U	0.77	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	5.10	U	0.94	5.10	ug/L
99-09-2	3-Nitroaniline	5.10	U	1.10	5.10	ug/L
83-32-9	Acenaphthene	5.10	U	0.56	5.10	ug/L
51-28-5	2,4-Dinitrophenol	10.2	U	6.10	10.2	ug/L
100-02-7	4-Nitrophenol	10.2	U	2.40	10.2	ug/L
132-64-9	Dibenzofuran	5.10	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	5.10	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	5.10	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.10	U	0.69	5.10	ug/L
86-73-7	Fluorene	5.10	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	5.10	U	1.50	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.2	U	2.90	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	5.10	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	5.10	U	0.41	5.10	ug/L
118-74-1	Hexachlorobenzene	5.10	U	0.53	5.10	ug/L
1912-24-9	Atrazine	5.10	U	1.00	5.10	ug/L
87-86-5	Pentachlorophenol	10.2	U	1.60	10.2	ug/L
85-01-8	Phenanthrene	5.10	U	0.51	5.10	ug/L
120-12-7	Anthracene	5.10	U	0.62	5.10	ug/L
86-74-8	Carbazole	5.10	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	5.10	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	5.10	U	0.84	5.10	ug/L
129-00-0	Pyrene	5.10	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	5.10	UQ	2.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	10.2	UQ	0.95	10.2	ug/L
56-55-3	Benzo(a)anthracene	5.10	U	0.46	5.10	ug/L
218-01-9	Chrysene	5.10	U	0.45	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.10	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	10.2	U	2.40	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	5.10	U	0.50	5.10	ug/L

Raw Data: **BF143503.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-9C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143503.D	1	08/19/25 09:29	08/21/25 00:29	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.10	U	0.49	5.10	ug/L
50-32-8	Benzo(a)pyrene	5.10	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.10	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.10	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	5.10	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.10	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	5.10	U	1.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.10	U	0.73	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	65.0		23 - 138	43%	SPK: 150
13127-88-3	Phenol-d6	43.0		10 - 134	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.7		67 - 132	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.7		52 - 132	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		44 - 137	93%	SPK: 150
1718-51-0	Terphenyl-d14	86.7		42 - 152	87%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	128000	6.928			
1146-65-2	Naphthalene-d8	499000	8.204			
15067-26-2	Acenaphthene-d10	270000	9.963			
1517-22-2	Phenanthrene-d10	422000	11.451			
1719-03-5	Chrysene-d12	236000	14.092			
1520-96-3	Perylene-d12	262000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		2.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.40	AB		5.16	ug/L

Raw Data: **BF143503.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-9C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143503.D	1	08/19/25 09:29	08/21/25 00:29	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **BF143503.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143503.D
Acq On : 21 Aug 2025 00:29
Operator : RC/JU
Sample : Q2900-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

Quant Time: Aug 21 02:09:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

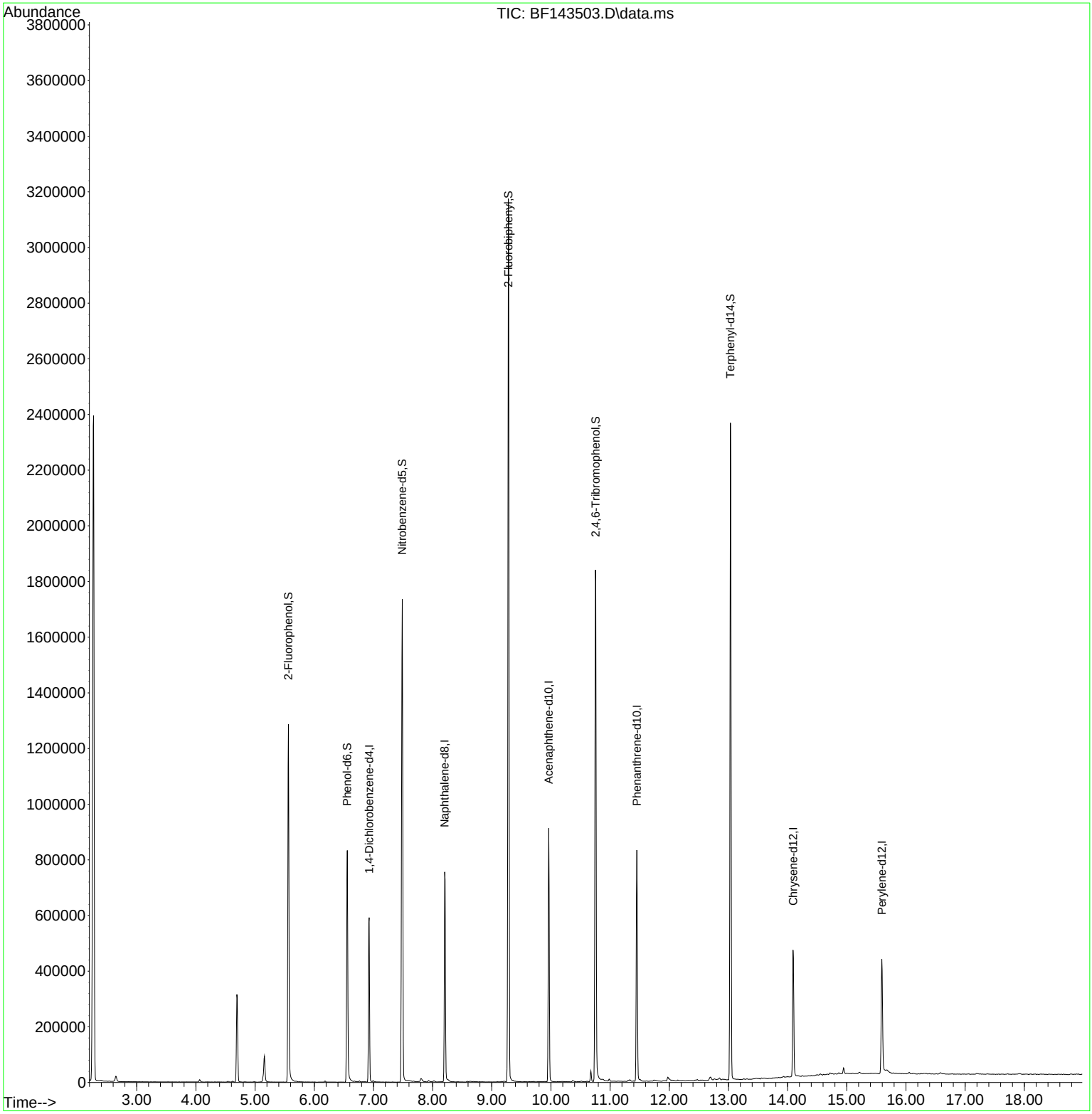
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	128002	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	499284	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	269714	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	422264	20.000	ng	0.00
76) Chrysene-d12	14.092	240	236275	20.000	ng	-0.01
86) Perylene-d12	15.592	264	262288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	476323	64.978	ng	0.00
7) Phenol-d6	6.557	99	388990	42.987	ng	-0.02
23) Nitrobenzene-d5	7.487	82	801302	93.654	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	350300	139.526	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1430709	87.667	ng	0.00
79) Terphenyl-d14	13.033	244	1173538	86.673	ng	0.00
Target Compounds						Qvalue

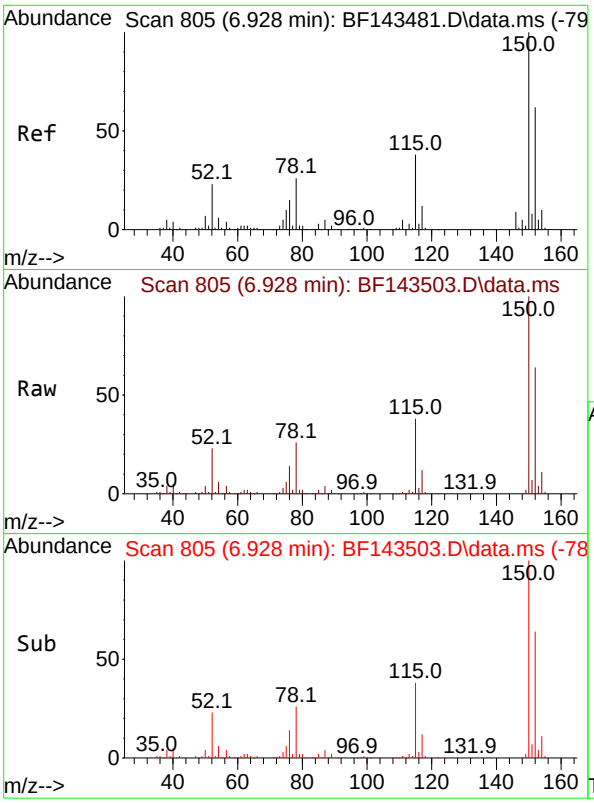
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143503.D
Acq On : 21 Aug 2025 00:29
Operator : RC/JU
Sample : Q2900-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

Quant Time: Aug 21 02:09:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



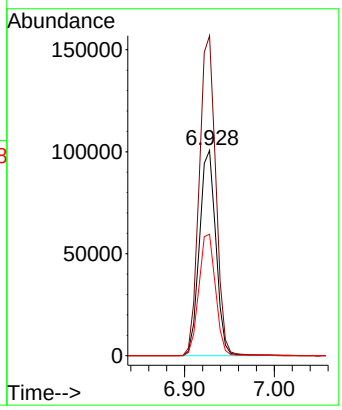


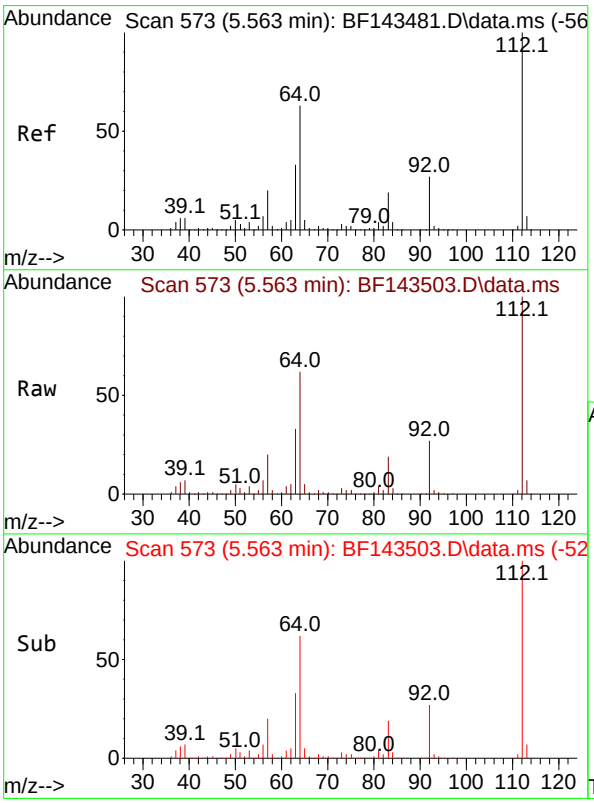
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

Tgt Ion:152 Resp: 128002

Ion	Ratio	Lower	Upper
152	100		
150	155.8	128.9	193.3
115	59.1	49.2	73.8

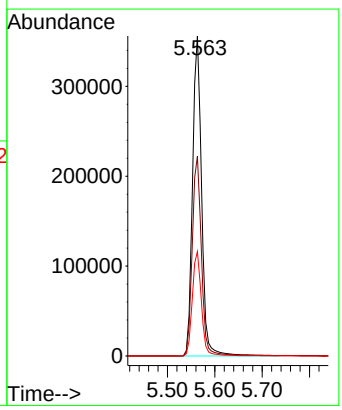


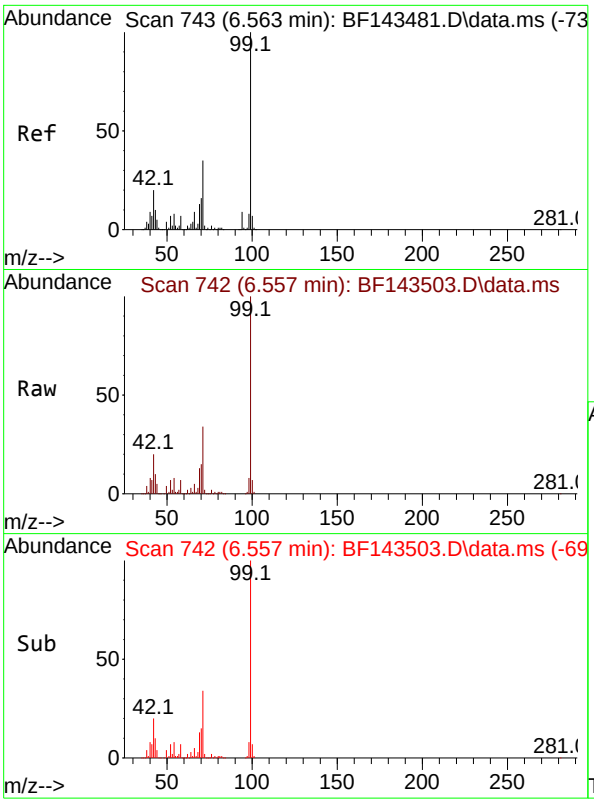


#5
2-Fluorophenol
Concen: 64.978 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Tgt Ion:112 Resp: 476323

Ion	Ratio	Lower	Upper
112	100		
64	62.4	50.4	75.6
63	32.6	26.4	39.6



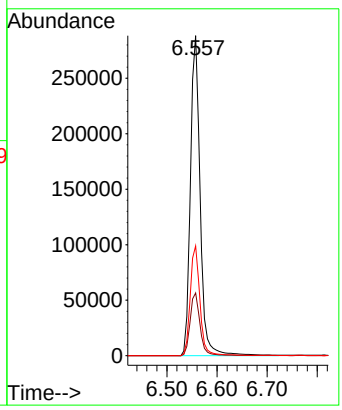


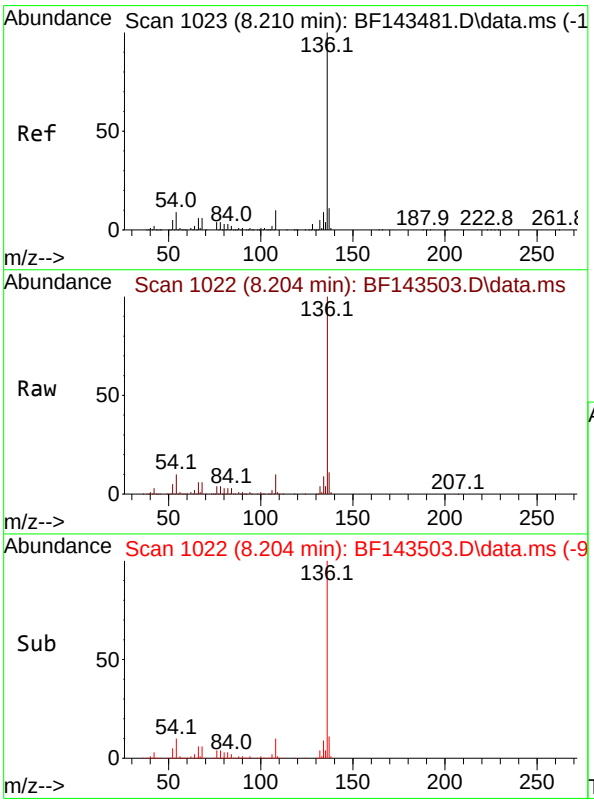
#7
Phenol-d6
Concen: 42.987 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

Tgt Ion: 99 Resp: 388990

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.3	24.5
71	34.3	28.2	42.2

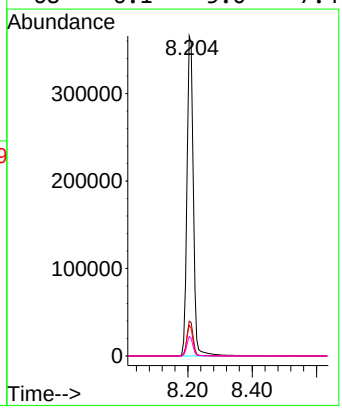


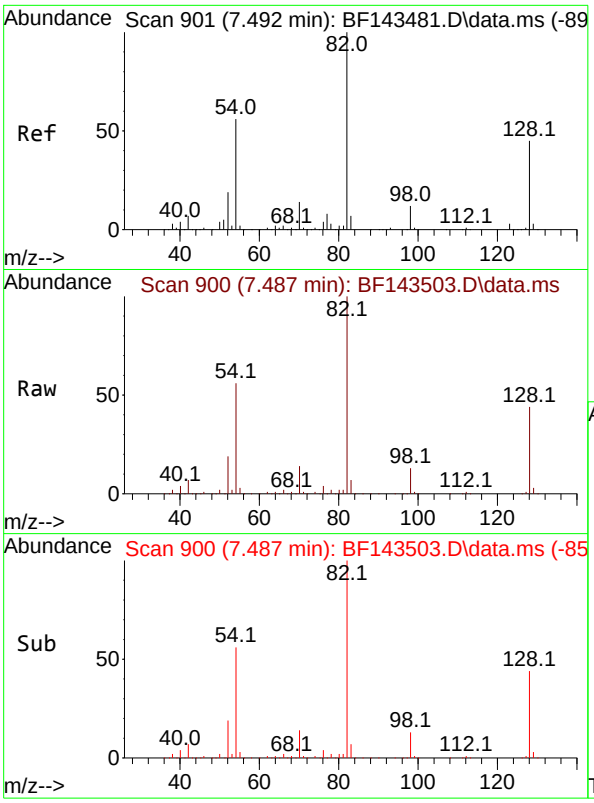


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Tgt Ion:136 Resp: 499284

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.5	7.4	11.2
68	6.1	5.0	7.4



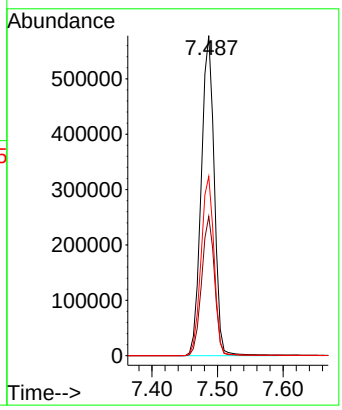


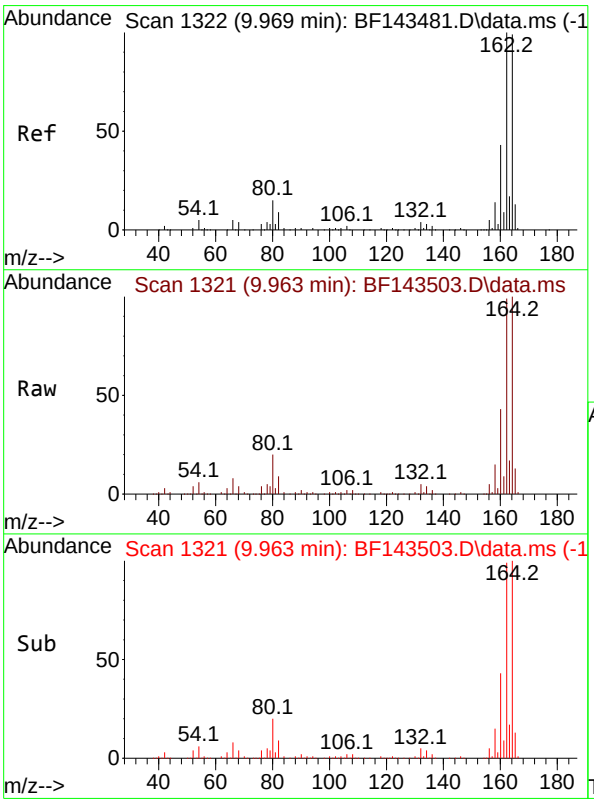
#23
Nitrobenzene-d5
Concen: 93.654 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

Tgt Ion: 82 Resp: 801302

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.5	53.3
54	56.0	44.3	66.5

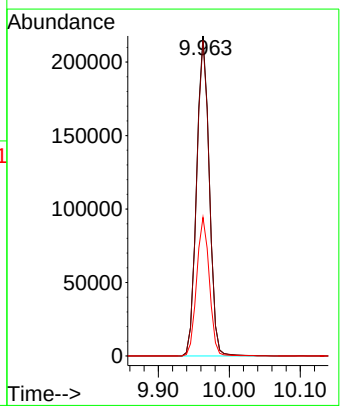


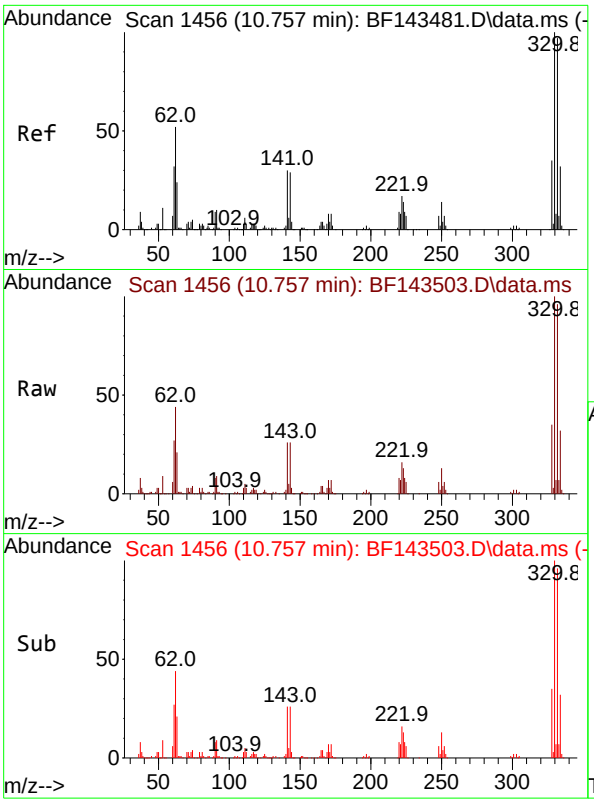


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Tgt Ion:164 Resp: 269714

Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.5	120.7
160	43.3	34.3	51.5



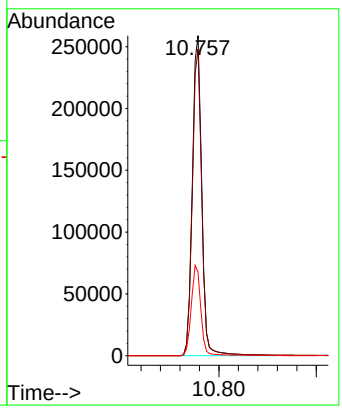


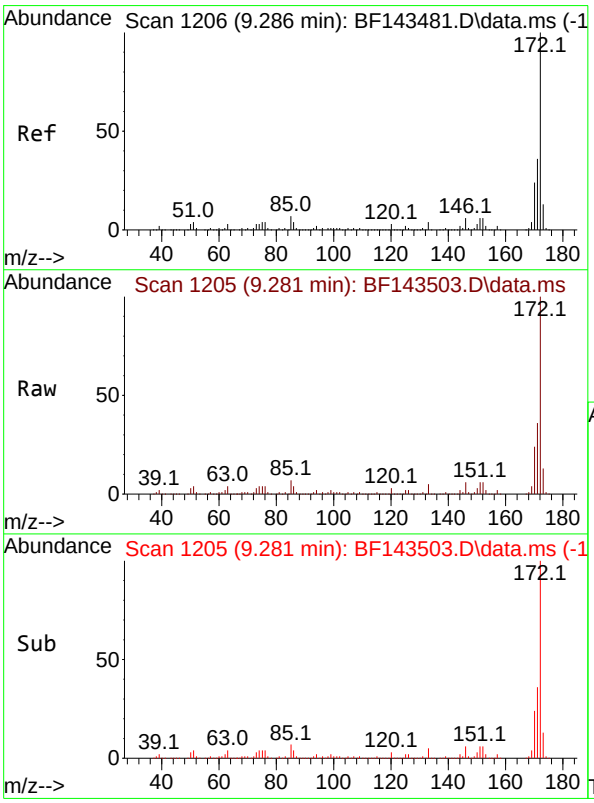
#42
2,4,6-Tribromophenol
Concen: 139.526 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

Tgt Ion:330 Resp: 350300

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.0	117.0
141	28.9	23.7	35.5

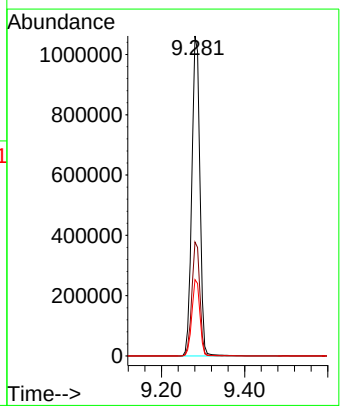


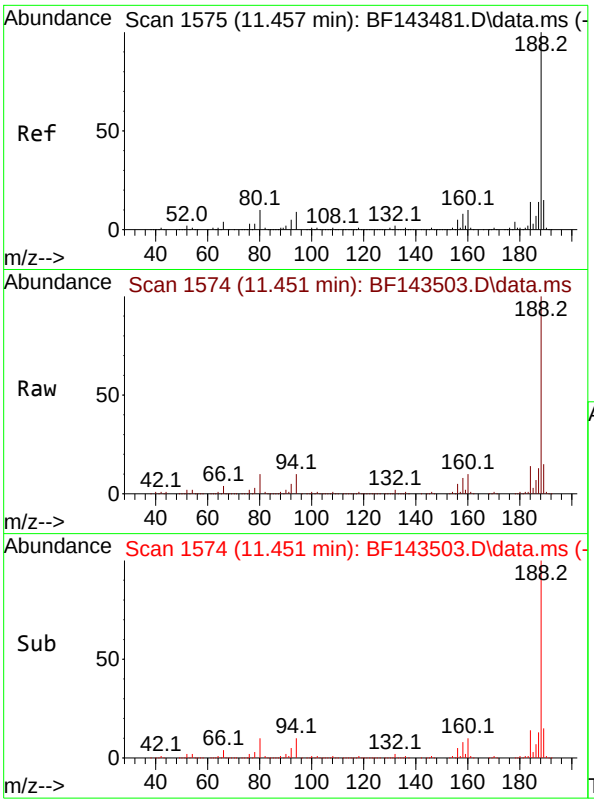


#45
2-Fluorobiphenyl
Concen: 87.667 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Tgt Ion:172 Resp: 1430709

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.9	18.8	28.2



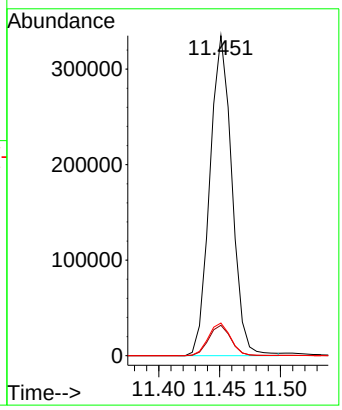


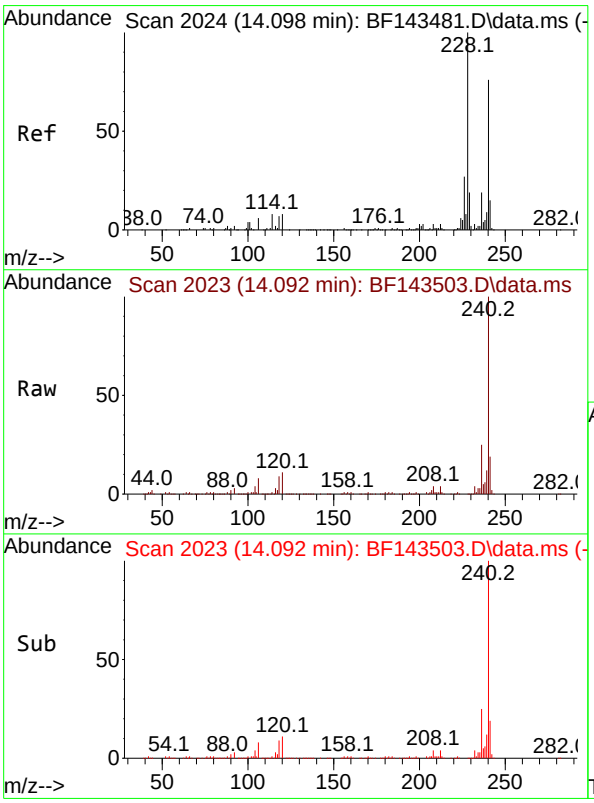
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

Tgt Ion:188 Resp: 422264

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.4	11.2
80	10.2	8.2	12.4

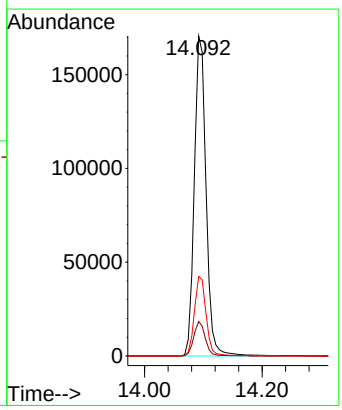


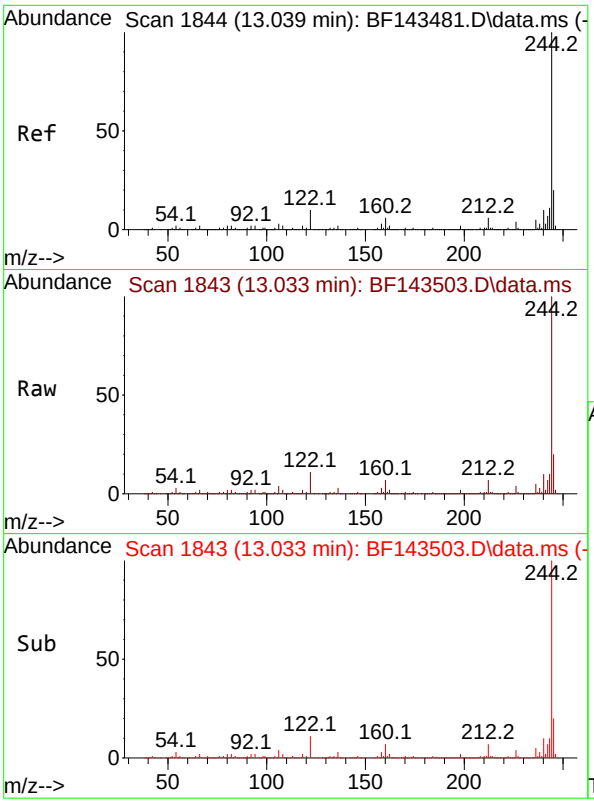


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Tgt Ion:240 Resp: 236275

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.6	12.8
236	24.8	20.4	30.6



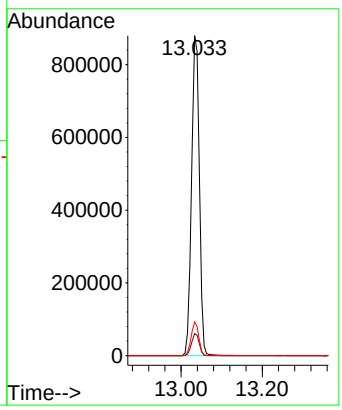


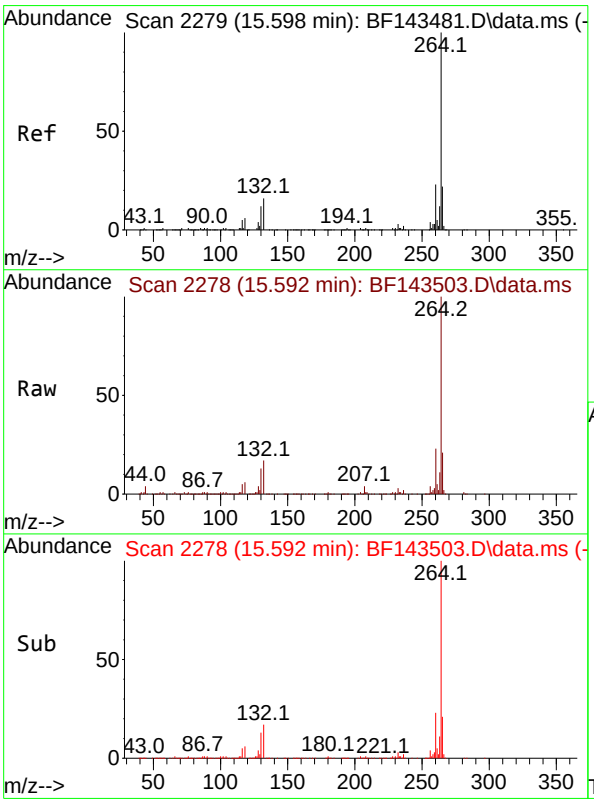
#79
Terphenyl-d14
Concen: 86.673 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

Tgt Ion:244 Resp: 1173538

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	10.6	7.9	11.9

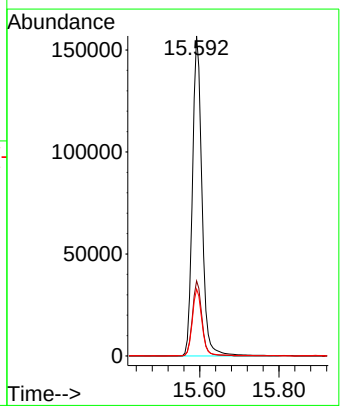




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143503.D
Acq: 21 Aug 2025 00:29

Tgt Ion:264 Resp: 262288

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	20.9	17.6	26.4



Sample Results: **BF143503.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143503.D
Acq On : 21 Aug 2025 00:29
Operator : RC/JU
Sample : Q2900-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143503.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.269	4	13	29	rVB	2390413	4006109	95.28%	15.996%
2	4.693	419	425	435	rBV	314551	451489	10.74%	1.803%
3	5.157	495	504	515	rBV2	92341	163780	3.90%	0.654%
4	5.563	567	573	592	rBV	1284689	1721964	40.95%	6.876%
5	6.557	737	742	760	rBV	832643	1127411	26.81%	4.502%
6	6.928	799	805	813	rBV	590335	757920	18.03%	3.026%
7	7.487	893	900	905	rBV	1734679	2378816	56.57%	9.498%
8	8.204	1017	1022	1042	rBV	754105	1013503	24.10%	4.047%
9	9.281	1199	1205	1216	rBV	3172385	4204774	100.00%	16.789%
10	9.963	1316	1321	1334	rBV	911269	1131039	26.90%	4.516%
11	10.675	1437	1442	1450	rBV	38331	48707	1.16%	0.194%
12	10.751	1450	1455	1471	rBV	1837447	2562469	60.94%	10.232%
13	11.451	1569	1574	1582	rBV	830809	1049470	24.96%	4.190%
14	13.033	1837	1843	1854	rBV	2360242	3120306	74.21%	12.459%
15	14.092	2018	2023	2033	rBV	454469	617553	14.69%	2.466%
16	15.592	2272	2278	2288	rBV	410116	689240	16.39%	2.752%

Sum of corrected areas: 25044550

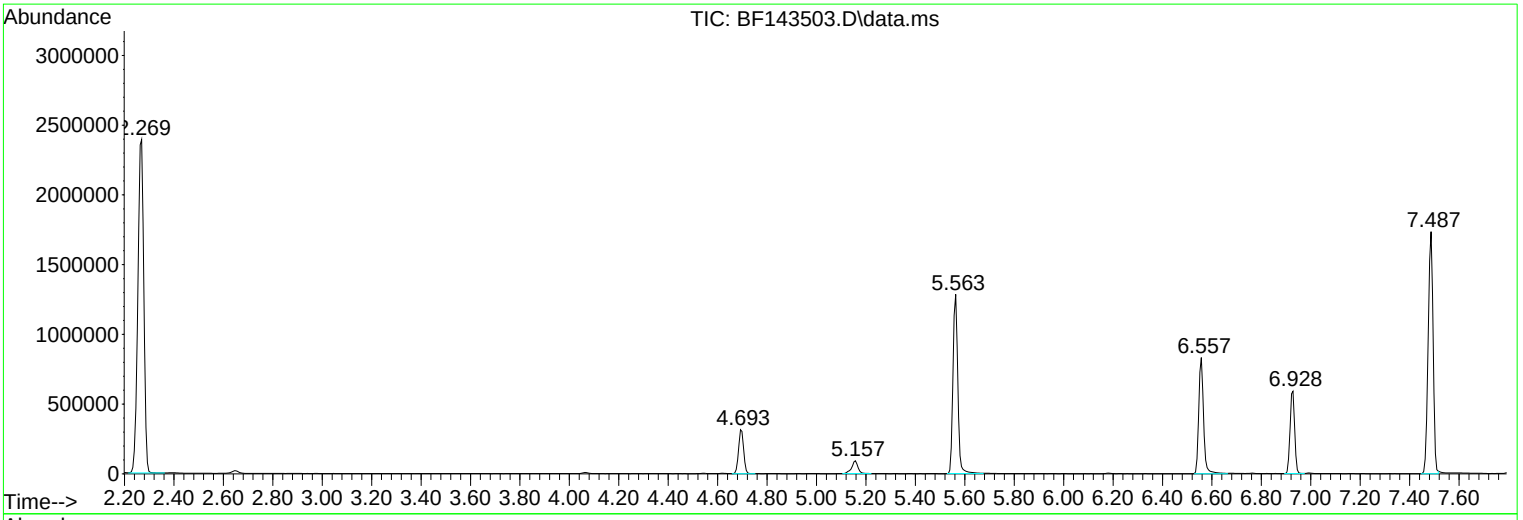
Sample Results: **BF143503.D**

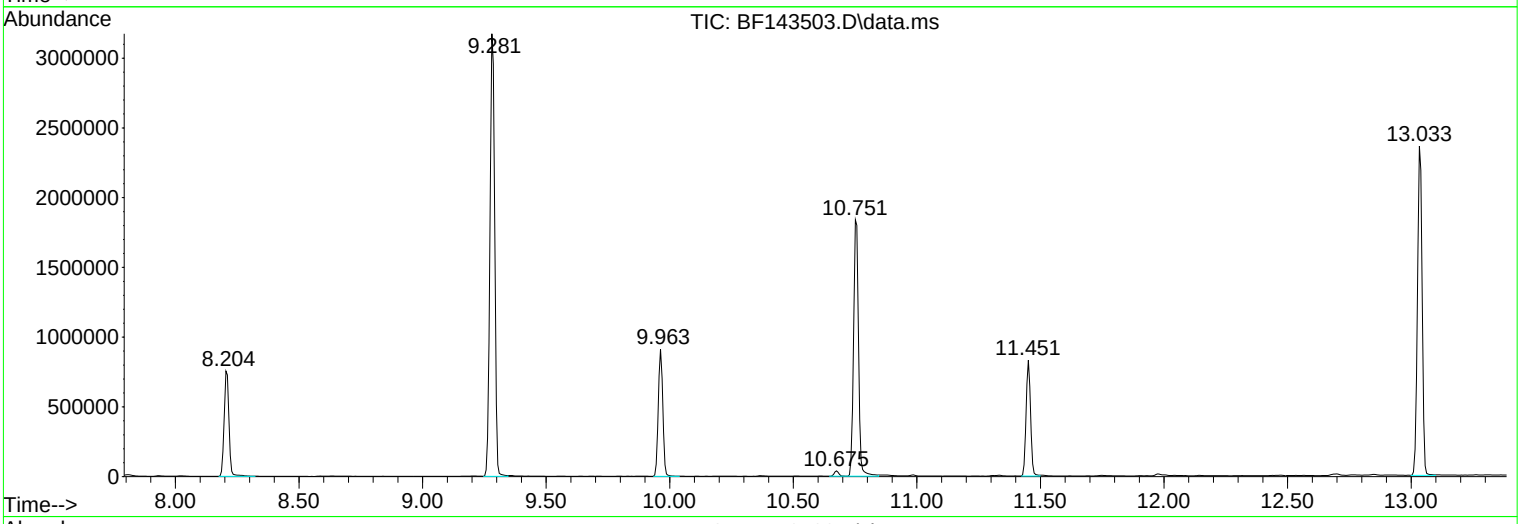
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143503.D
Acq On : 21 Aug 2025 00:29
Operator : RC/JU
Sample : Q2900-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

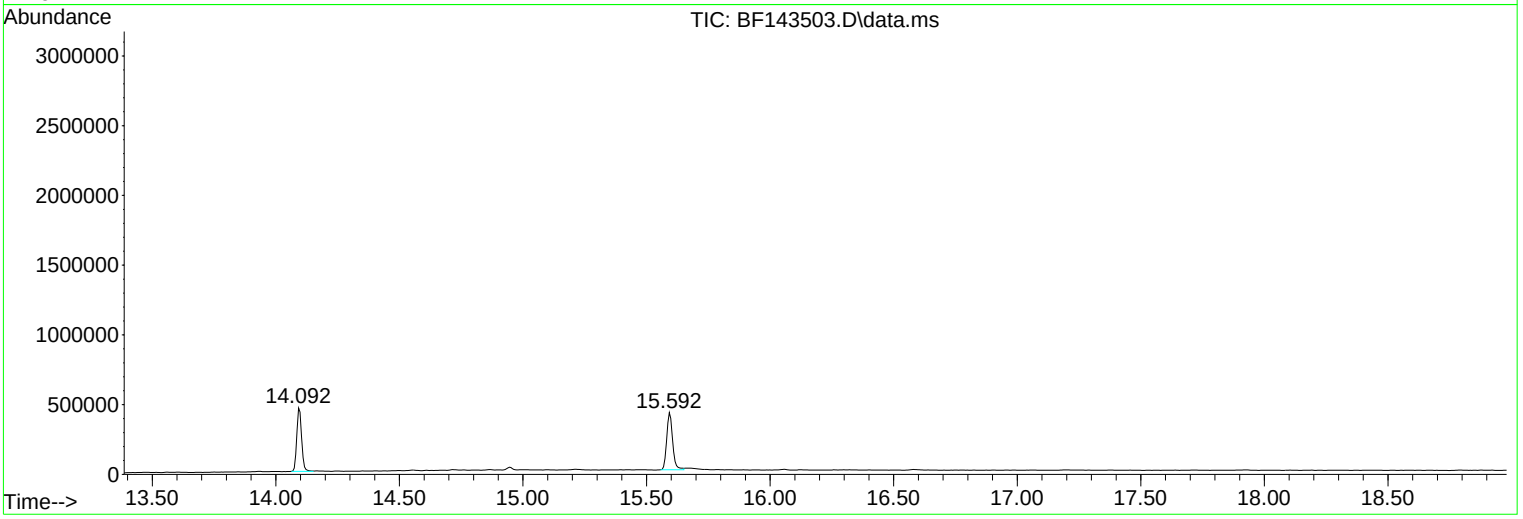
Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143503.D
Acq On : 21 Aug 2025 00:29
Operator : RC/JU
Sample : Q2900-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

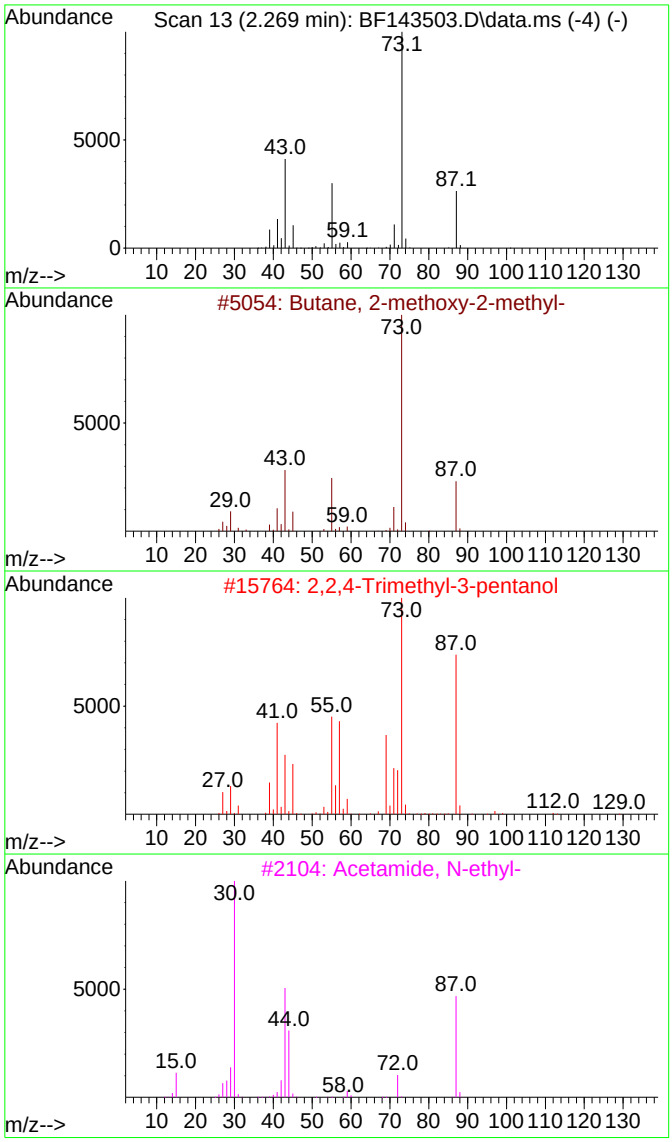
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

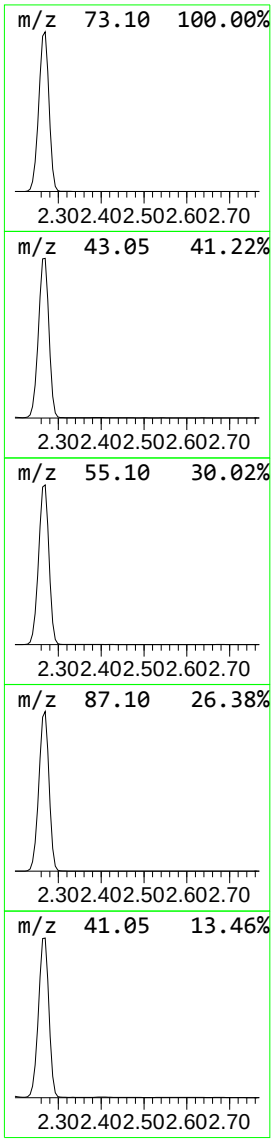
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.269	105.71 ng	4006110	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143503.D
Acq On : 21 Aug 2025 00:29
Operator : RC/JU
Sample : Q2900-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

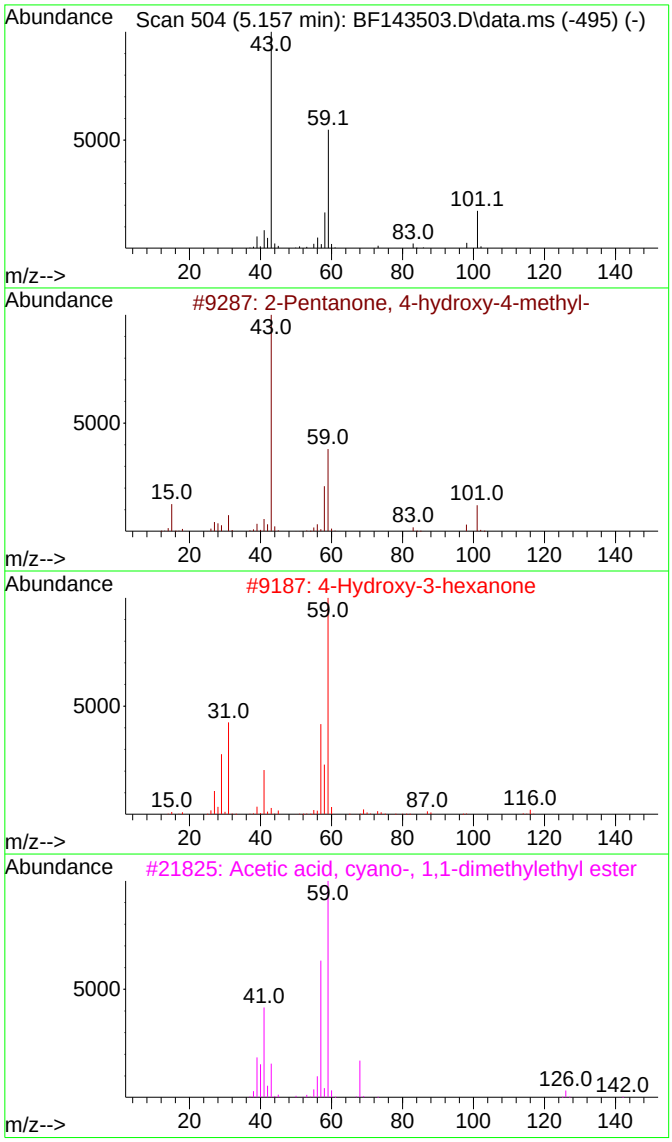
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

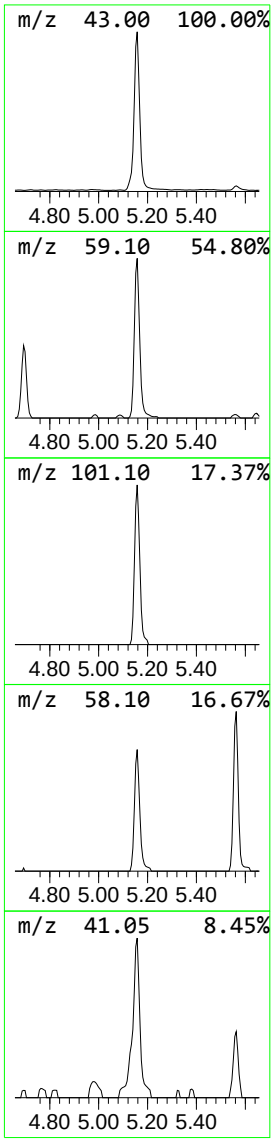
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	4.32 ng	163780	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Sample Results: **BF143503.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143503.D
Acq On : 21 Aug 2025 00:29
Operator : RC/JU
Sample : Q2900-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-9C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.269	105.7	ng	4006110	1	6.928	757920	20.0
2-Pentanone, 4-...	5.157	4.3	ng	163780	1	6.928	757920	20.0

Raw Data: **BF143511.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-12C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143511.D	1	08/19/25 09:29	08/21/25 04:21	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	11.0	U	4.30	11.0	ug/L
108-95-2	Phenol	5.50	U	1.00	5.50	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.50	U	0.89	5.50	ug/L
95-57-8	2-Chlorophenol	5.50	U	0.64	5.50	ug/L
95-48-7	2-Methylphenol	5.50	U	1.20	5.50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.50	U	1.40	5.50	ug/L
98-86-2	Acetophenone	5.50	U	0.81	5.50	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	1.20	11.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	5.50	U	0.71	5.50	ug/L
98-95-3	Nitrobenzene	5.50	U	0.84	5.50	ug/L
78-59-1	Isophorone	5.50	U	0.82	5.50	ug/L
88-75-5	2-Nitrophenol	5.50	U	1.90	5.50	ug/L
105-67-9	2,4-Dimethylphenol	5.50	U	2.00	5.50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.50	U	0.75	5.50	ug/L
120-83-2	2,4-Dichlorophenol	5.50	U	0.57	5.50	ug/L
91-20-3	Naphthalene	3800	E	0.55	5.50	ug/L
106-47-8	4-Chloroaniline	5.50	U	0.92	5.50	ug/L
87-68-3	Hexachlorobutadiene	5.50	U	0.59	5.50	ug/L
105-60-2	Caprolactam	11.0	U	1.20	11.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.50	U	0.65	5.50	ug/L
91-57-6	2-Methylnaphthalene	800	E	0.62	5.50	ug/L
77-47-4	Hexachlorocyclopentadiene	11.0	U	4.00	11.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.50	U	0.56	5.50	ug/L
95-95-4	2,4,5-Trichlorophenol	5.50	U	0.68	5.50	ug/L
92-52-4	1,1-Biphenyl	27.7		0.58	5.50	ug/L
91-58-7	2-Chloronaphthalene	5.50	U	0.67	5.50	ug/L
88-74-4	2-Nitroaniline	5.50	U	1.40	5.50	ug/L
131-11-3	Dimethylphthalate	5.50	U	0.67	5.50	ug/L

Raw Data: **BF143511.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-12C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143511.D	1	08/19/25 09:29	08/21/25 04:21	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	150	E	0.82	5.50	ug/L
606-20-2	2,6-Dinitrotoluene	5.50	U	1.00	5.50	ug/L
99-09-2	3-Nitroaniline	5.50	U	1.20	5.50	ug/L
83-32-9	Acenaphthene	30.2		0.60	5.50	ug/L
51-28-5	2,4-Dinitrophenol	11.0	U	6.60	11.0	ug/L
100-02-7	4-Nitrophenol	11.0	U	2.60	11.0	ug/L
132-64-9	Dibenzofuran	3.80	J	0.67	5.50	ug/L
121-14-2	2,4-Dinitrotoluene	5.50	U	1.30	5.50	ug/L
84-66-2	Diethylphthalate	5.50	U	0.76	5.50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.50	U	0.75	5.50	ug/L
86-73-7	Fluorene	27.1		0.69	5.50	ug/L
100-01-6	4-Nitroaniline	5.50	U	1.60	5.50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.0	U	3.20	11.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.50	U	0.64	5.50	ug/L
101-55-3	4-Bromophenyl-phenylether	5.50	U	0.44	5.50	ug/L
118-74-1	Hexachlorobenzene	5.50	U	0.57	5.50	ug/L
1912-24-9	Atrazine	5.50	U	1.10	5.50	ug/L
87-86-5	Pentachlorophenol	11.0	U	1.70	11.0	ug/L
85-01-8	Phenanthrene	11.4		0.55	5.50	ug/L
120-12-7	Anthracene	5.50	U	0.67	5.50	ug/L
86-74-8	Carbazole	13.7		0.79	5.50	ug/L
84-74-2	Di-n-butylphthalate	5.50	U	1.30	5.50	ug/L
206-44-0	Fluoranthene	5.50	U	0.90	5.50	ug/L
129-00-0	Pyrene	5.50	U	0.55	5.50	ug/L
85-68-7	Butylbenzylphthalate	5.50	UQ	2.10	5.50	ug/L
91-94-1	3,3-Dichlorobenzidine	11.0	UQ	1.00	11.0	ug/L
56-55-3	Benzo(a)anthracene	5.50	U	0.49	5.50	ug/L
218-01-9	Chrysene	5.50	U	0.48	5.50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.50	U	1.80	5.50	ug/L
117-84-0	Di-n-octyl phthalate	11.0	U	2.60	11.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.50	U	0.54	5.50	ug/L

Raw Data: **BF143511.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-12C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143511.D	1	08/19/25 09:29	08/21/25 04:21	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.50	U	0.53	5.50	ug/L
50-32-8	Benzo(a)pyrene	5.50	U	0.60	5.50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.50	U	0.65	5.50	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.50	U	0.74	5.50	ug/L
191-24-2	Benzo(g,h,i)perylene	5.50	U	0.76	5.50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.50	U	0.57	5.50	ug/L
123-91-1	1,4-Dioxane	5.50	U	1.10	5.50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.50	U	0.79	5.50	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	33.1	*	23 - 138	22%	SPK: 150
13127-88-3	Phenol-d6	42.2		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	246	*	67 - 132	246%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.2		52 - 132	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	133		44 - 137	89%	SPK: 150
1718-51-0	Terphenyl-d14	87.4		42 - 152	87%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	122000	6.934			
1146-65-2	Naphthalene-d8	165000	8.228			
15067-26-2	Acenaphthene-d10	245000	9.963			
1517-22-2	Phenanthrene-d10	368000	11.451			
1719-03-5	Chrysene-d12	219000	14.092			
1520-96-3	Perylene-d12	260000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	19.6	J		2.26	ug/L
000544-25-2	1,3,5-Cycloheptatriene	180	J		4.13	ug/L
002175-91-9	1,3-Cyclopentadiene, 5-(1-methylet	110	J		5.46	ug/L
000694-87-1	Bicyclo[4.2.0]octa-1,3,5-triene	120	J		5.82	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	40.8	J		6.47	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	21.6	J		6.50	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	7.30	J		6.62	ug/L

Raw Data: **BF143511.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-12C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143511.D	1	08/19/25 09:29	08/21/25 04:21	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000098-83-9	.alpha.-Methylstyrene	7.80	J		6.65	ug/L
000611-15-4	Benzene, 1-ethenyl-2-methyl-	68.0	J		6.78	ug/L
128600-88-4	1,3-Methanopentalene, 1,2,3,5-tetr	8.70	J		6.81	ug/L
000095-63-6	Benzene, 1,2,4-trimethyl-	22.0	J		7.00	ug/L
	unknown7.045	8.40	J		7.04	ug/L
000496-11-7	Indane	64.8	J		7.13	ug/L
000095-13-6	Indene	200	J		7.25	ug/L
000768-49-0	Benzene, (2-methyl-1-propenyl)-	7.70	J		7.54	ug/L
90-12-0	1-Methylnaphthalene	670	J		9.04	ug/L
000582-16-1	Naphthalene, 2,7-dimethyl-	22.2	J		9.55	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	26.4	J		9.62	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	13.5	J		9.74	ug/L

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Quant Time: Aug 21 04:53:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

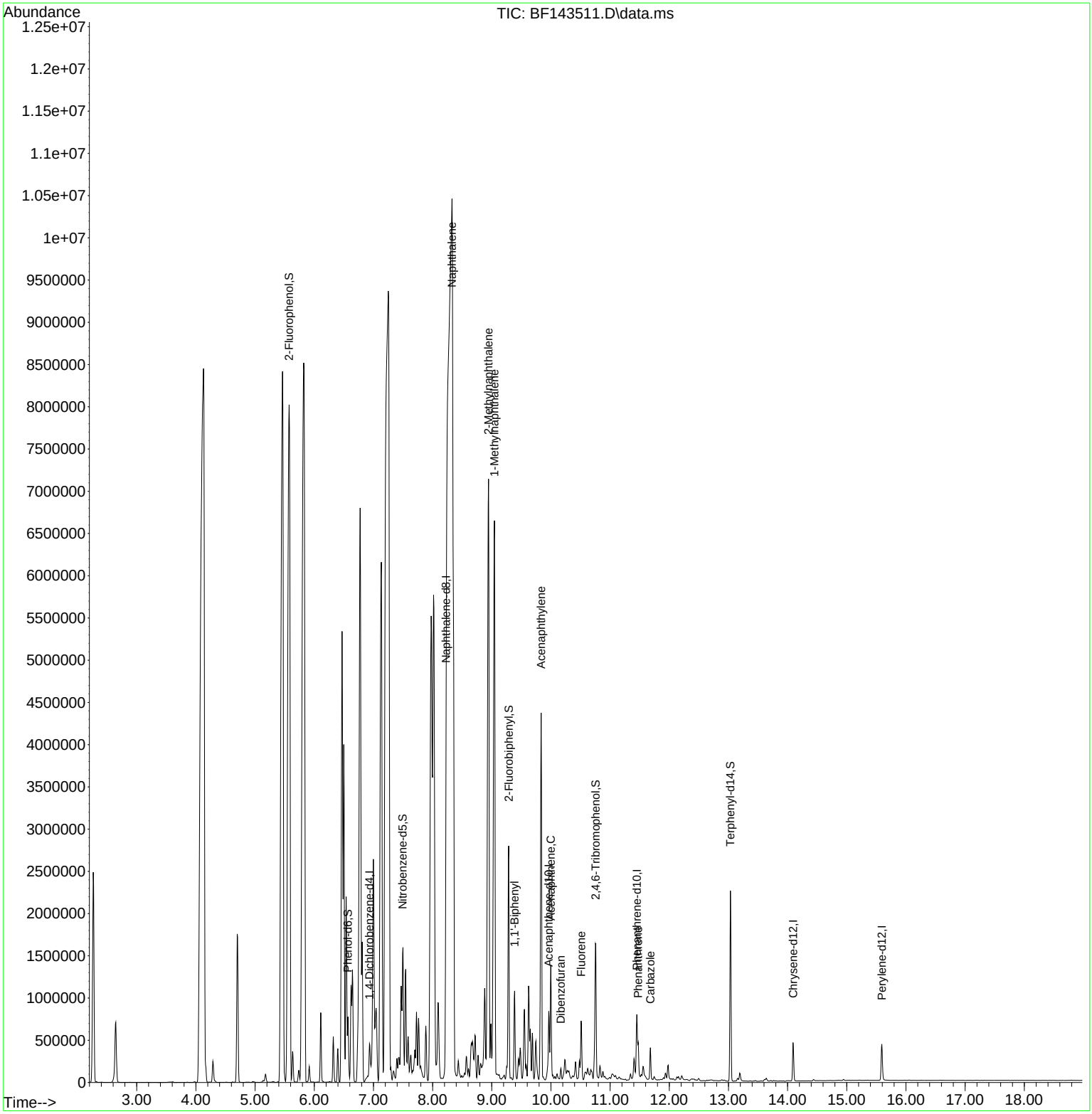
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	121876	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	165304	20.000	ng	0.02
39) Acenaphthene-d10	9.963	164	245299	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	368458	20.000	ng	0.00
76) Chrysene-d12	14.092	240	219458	20.000	ng	-0.01
86) Perylene-d12	15.592	264	260219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	231053	33.104	ng	0.01
7) Phenol-d6	6.569	99	363298	42.165	ng	0.00
23) Nitrobenzene-d5	7.493	82	697029	246.062	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	303180	132.777	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1220725	82.245	ng	0.00
79) Terphenyl-d14	13.033	244	1098890	87.379	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.328	128	27519730	3467.599	ng	# 92
37) 2-Methylnaphthalene	8.945	142	3851545	726.637	ng	99
38) 1-Methylnaphthalene	9.045	142	3109966	613.382	ng	99
46) 1,1'-Biphenyl	9.386	154	439050	25.217	ng	99
49) Acenaphthylene	9.834	152	2670938	136.548	ng	97
52) Acenaphthene	9.998	154	364427	27.440	ng	99
55) Dibenzofuran	10.169	168	64615	3.413	ng	97
58) Fluorene	10.510	166	359860	24.694	ng	98
71) Phenanthrene	11.475	178	204858	10.382	ng	99
73) Carbazole	11.680	167	204617	12.493	ng	99

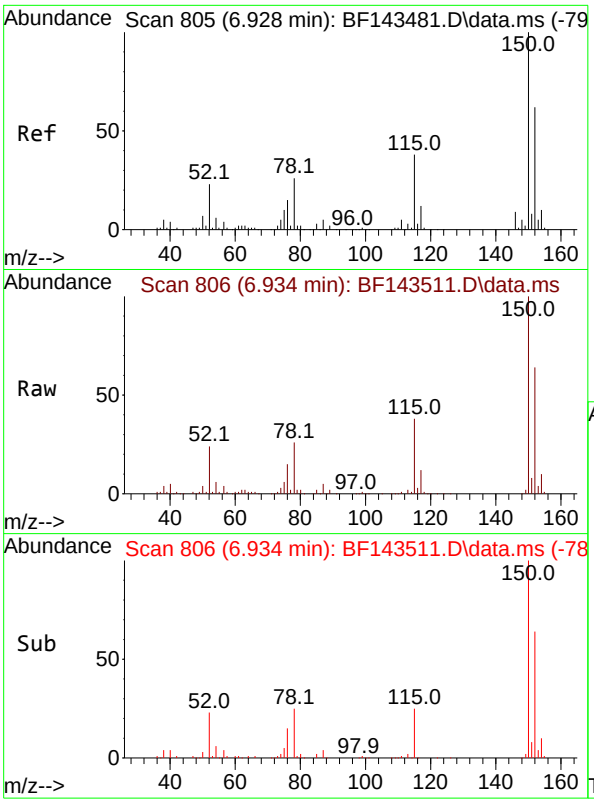
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Quant Time: Aug 21 04:53:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



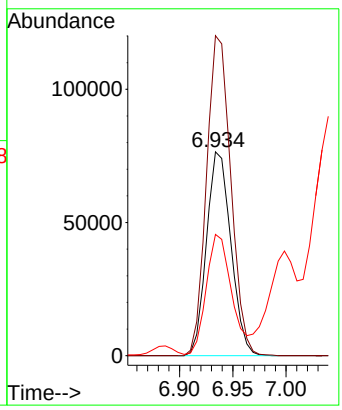


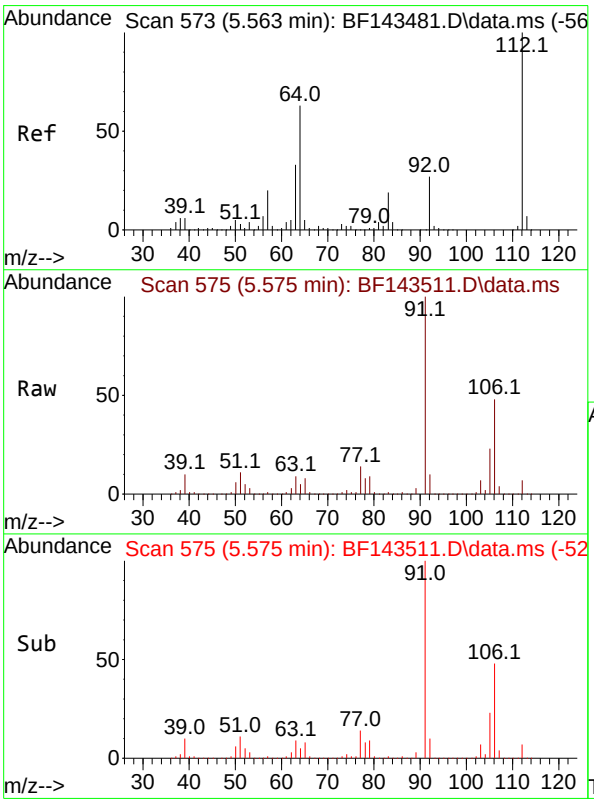
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Tgt Ion:152 Resp: 121876

Ion	Ratio	Lower	Upper
152	100		
150	157.0	128.9	193.3
115	59.5	49.2	73.8

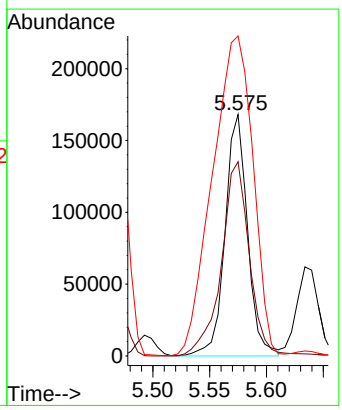


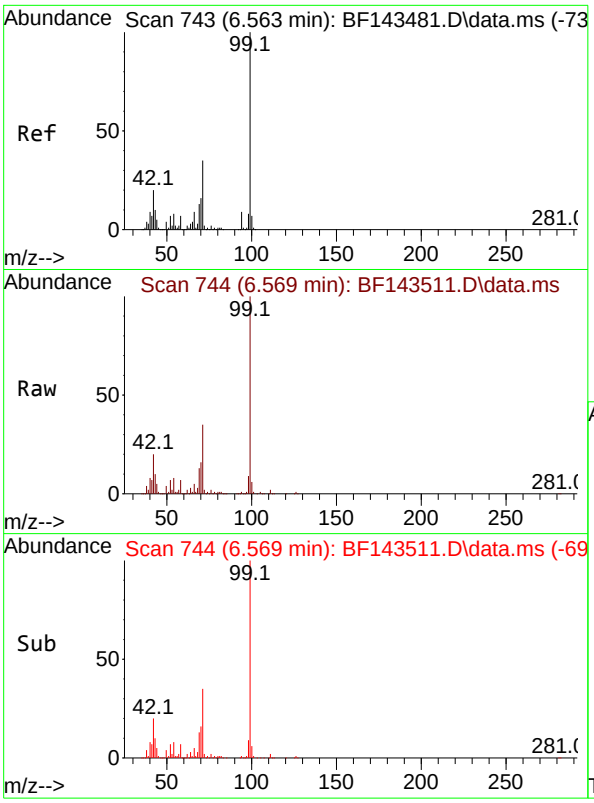


#5
2-Fluorophenol
Concen: 33.104 ng
RT: 5.575 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Tgt Ion:112 Resp: 231053

Ion	Ratio	Lower	Upper
112	100		
64	80.4	50.4	75.6#
63	132.5	26.4	39.6#



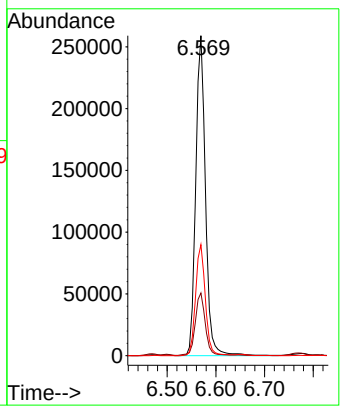


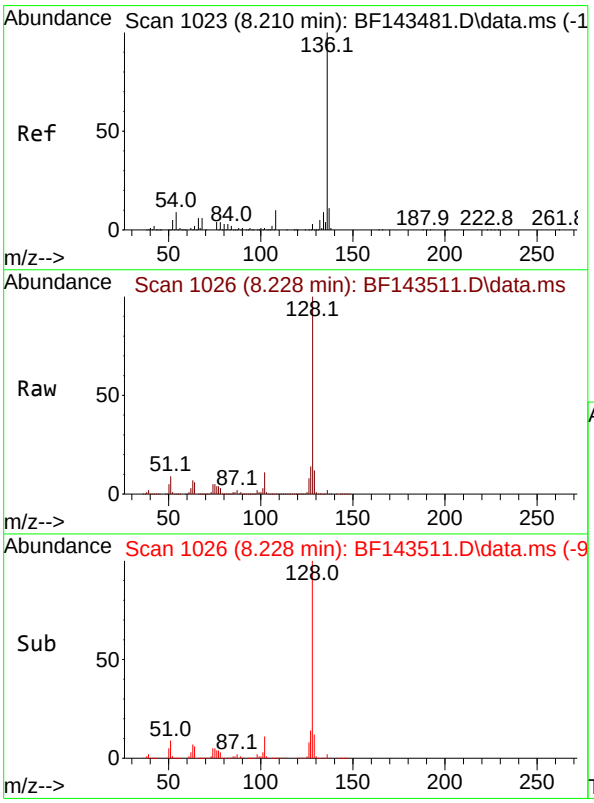
#7
Phenol-d6
Concen: 42.165 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Tgt Ion: 99 Resp: 363298

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.3	24.5
71	34.7	28.2	42.2

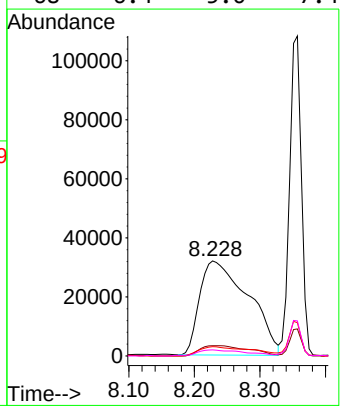


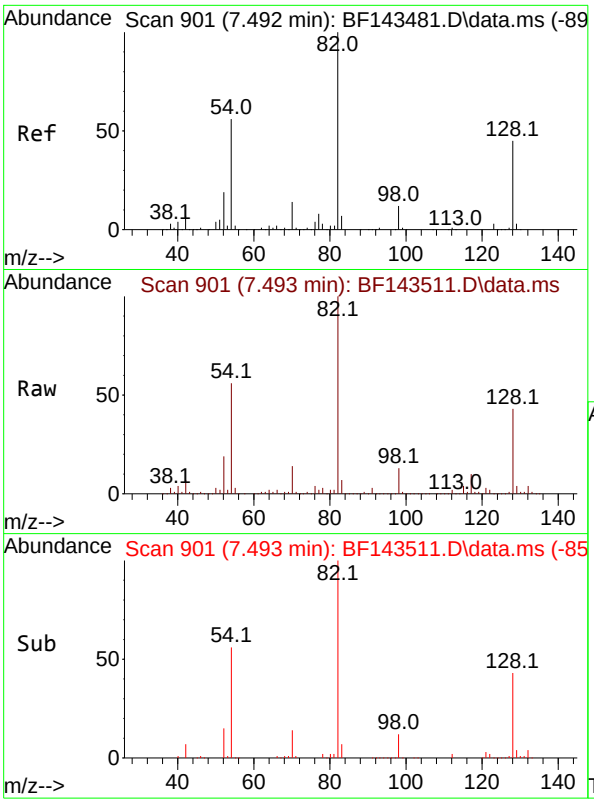


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1026
Delta R.T. 0.018 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Tgt Ion:136 Resp: 165304

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	9.8	7.4	11.2
68	6.4	5.0	7.4



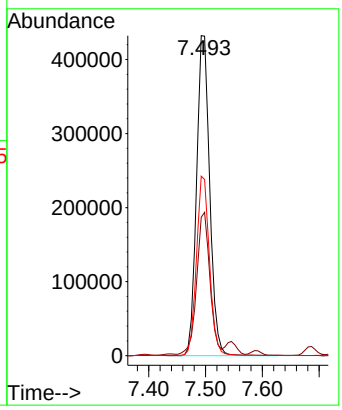


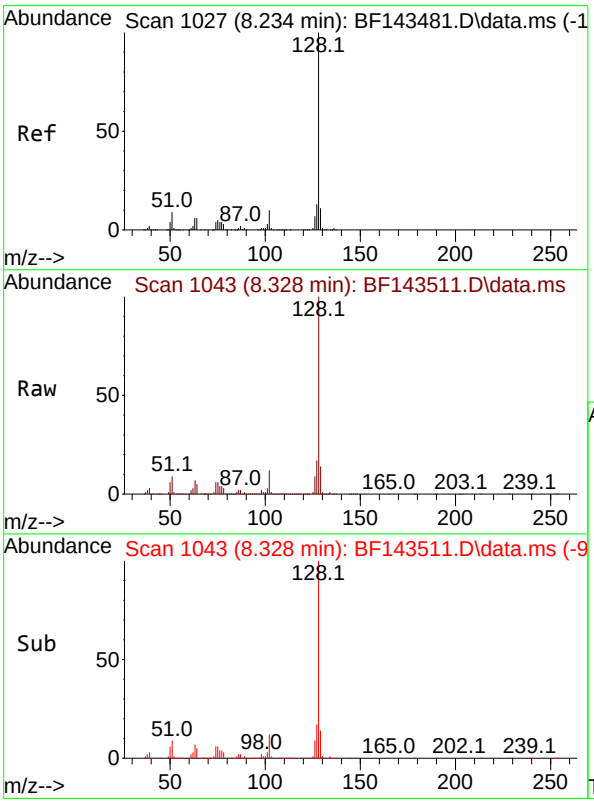
#23
Nitrobenzene-d5
Concen: 246.062 ng
RT: 7.493 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Tgt Ion: 82 Resp: 697029

Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.5	53.3
54	56.1	44.3	66.5

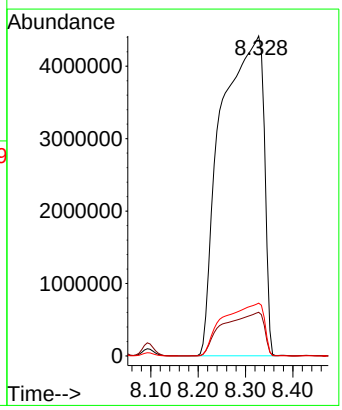


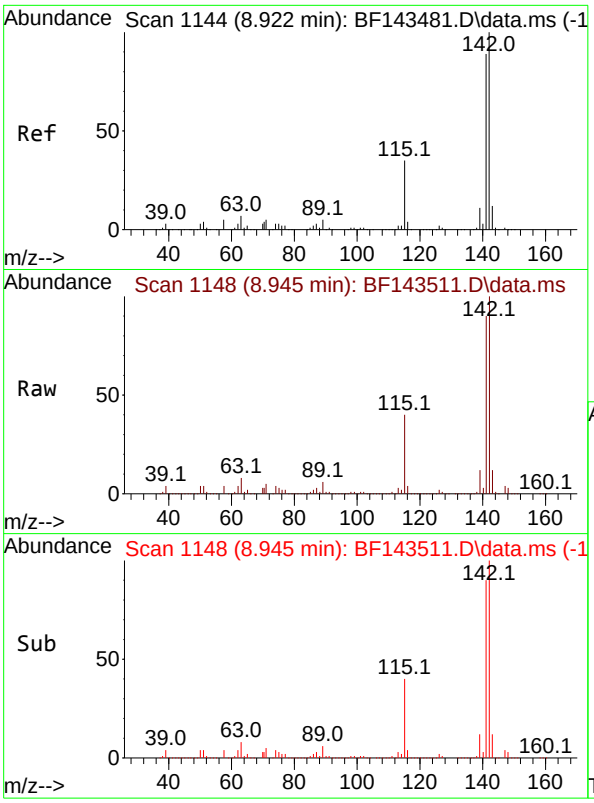


#31
Naphthalene
Concen: 3467.599 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.094 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Tgt Ion:128 Resp:27519730

Ion	Ratio	Lower	Upper
128	100		
129	13.6	8.8	13.2#
127	16.5	10.6	16.0#



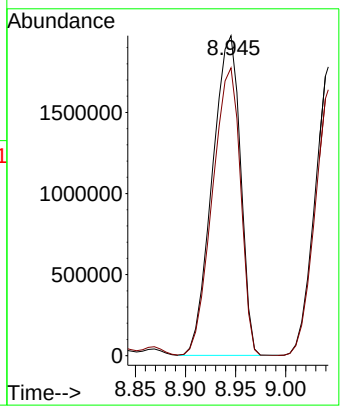


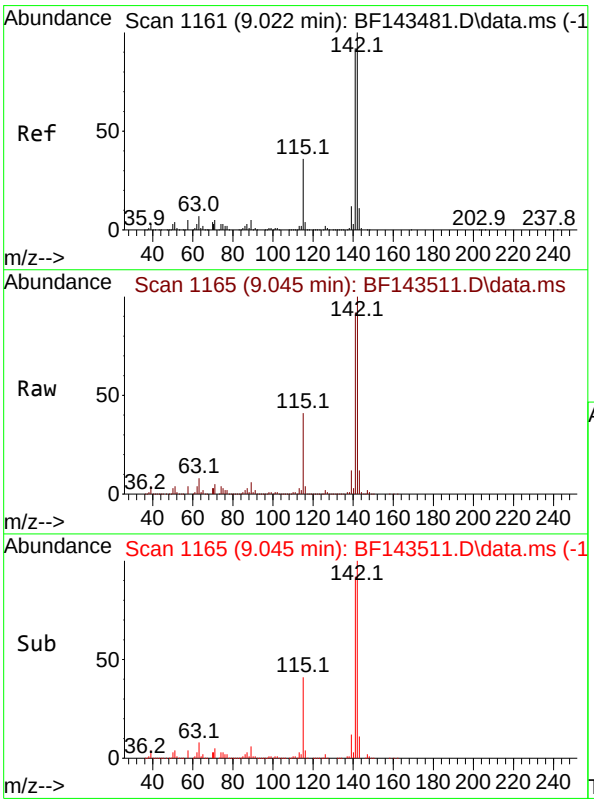
#37
2-Methylnaphthalene
Concen: 726.637 ng
RT: 8.945 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Tgt Ion:142 Resp: 3851545

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.4

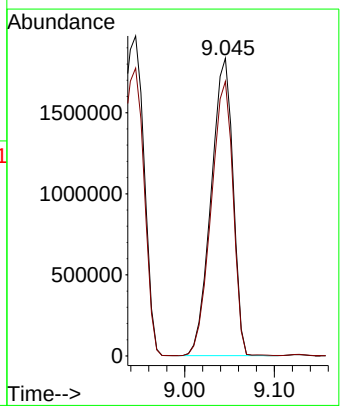


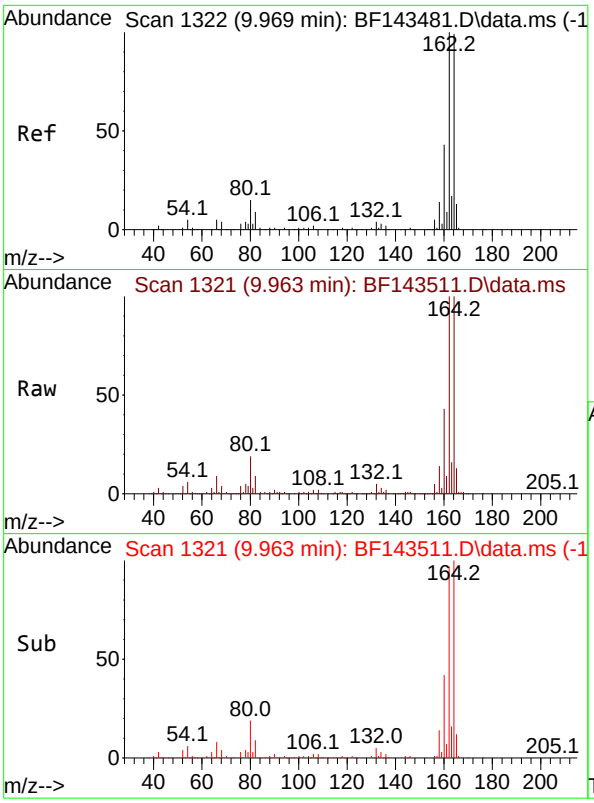


#38
1-Methylnaphthalene
Concen: 613.382 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.018 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Tgt Ion:142 Resp: 3109966

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.3	109.9



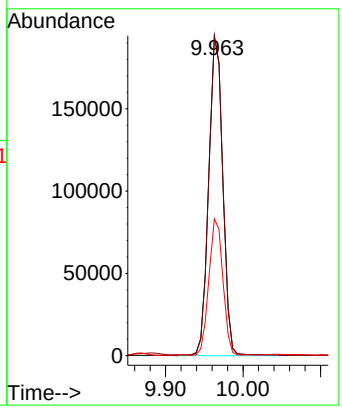


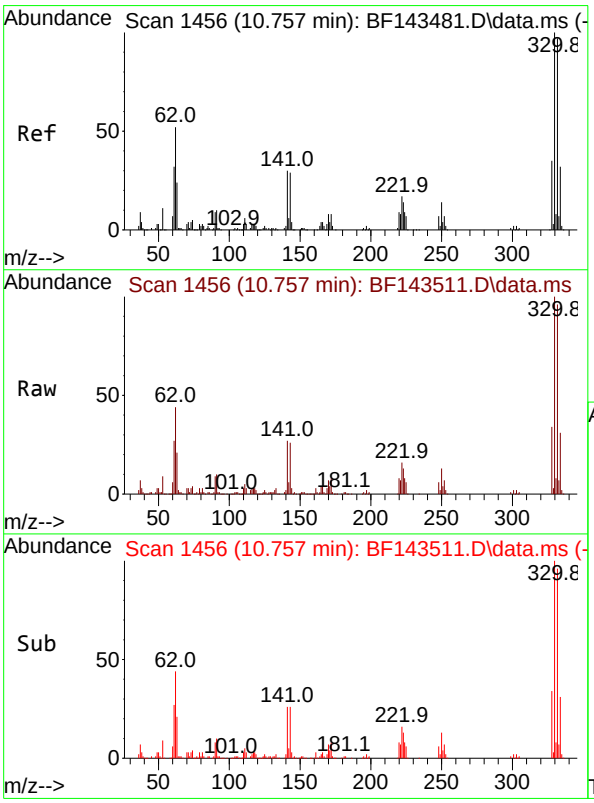
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Tgt Ion:164 Resp: 245299

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.5	120.7
160	42.7	34.3	51.5

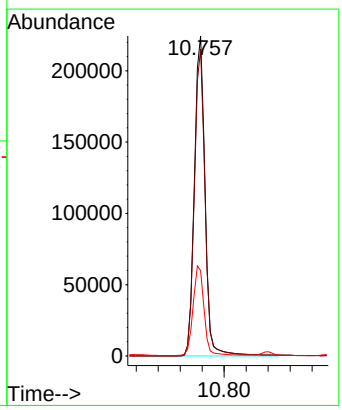


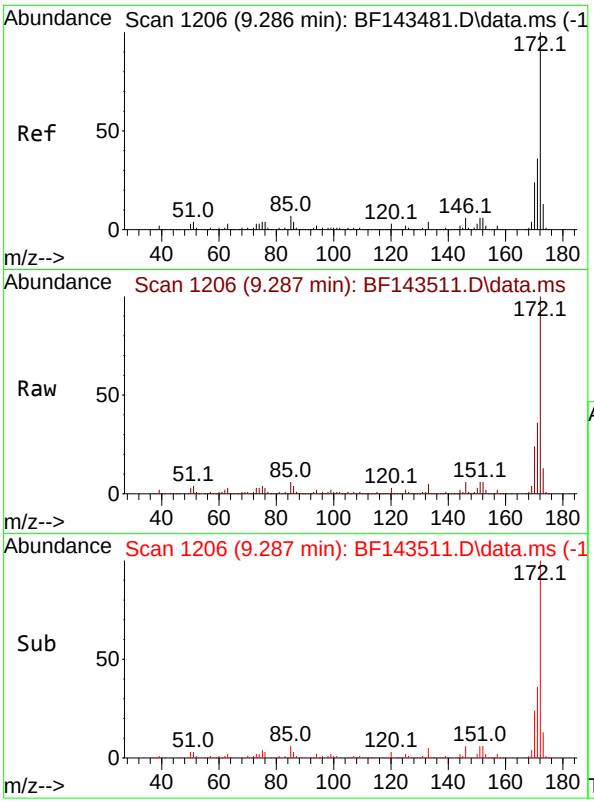


#42
2,4,6-Tribromophenol
Concen: 132.777 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Tgt Ion:330 Resp: 303180

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.0	117.0
141	28.9	23.7	35.5



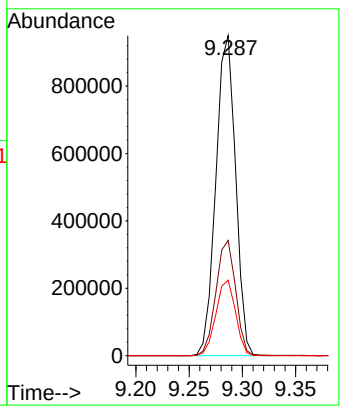


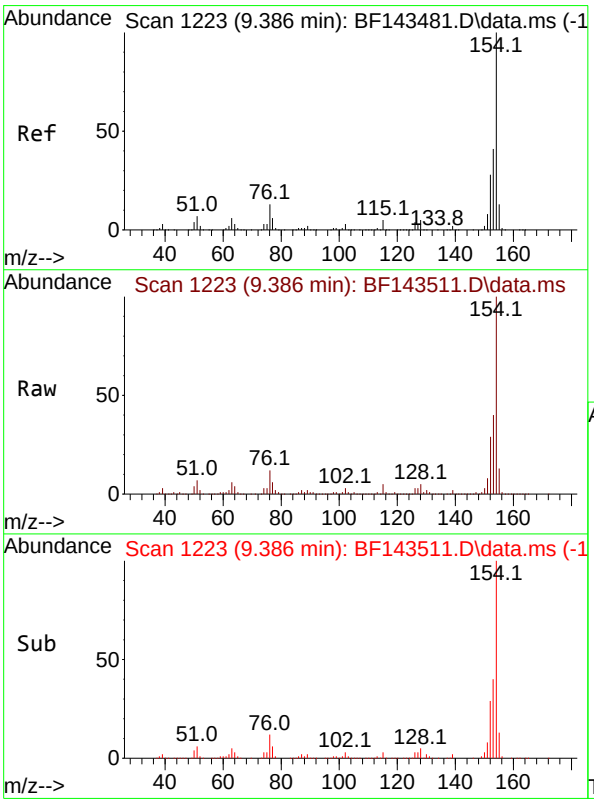
#45
2-Fluorobiphenyl
Concen: 82.245 ng
RT: 9.287 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Tgt Ion:172 Resp: 1220725

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.6	18.8	28.2

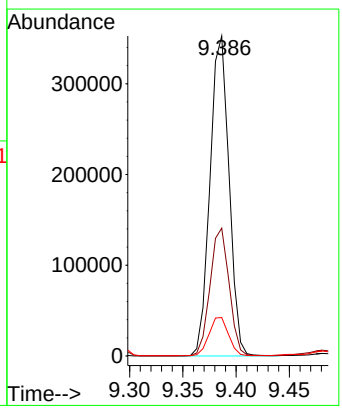


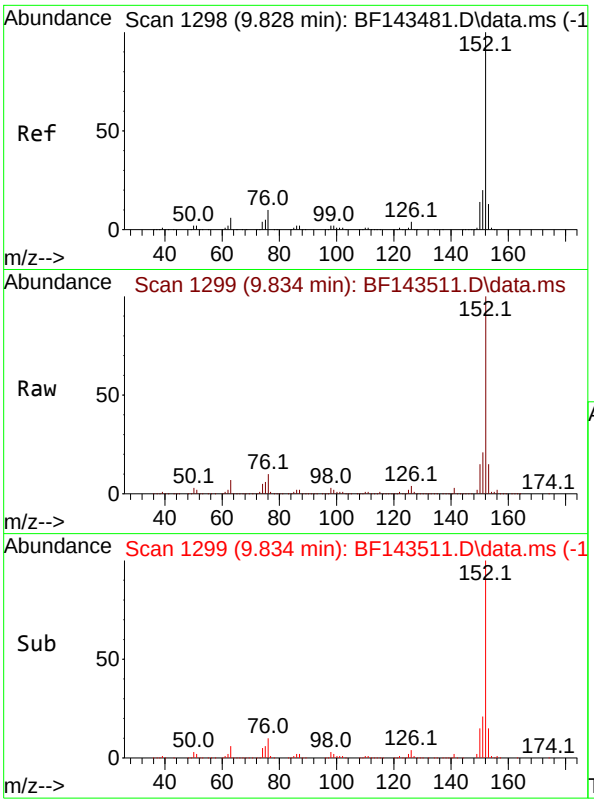


#46
1,1'-Biphenyl
Concen: 25.217 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Tgt Ion:154 Resp: 439050

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.6	60.6
76	12.0	0.0	33.0



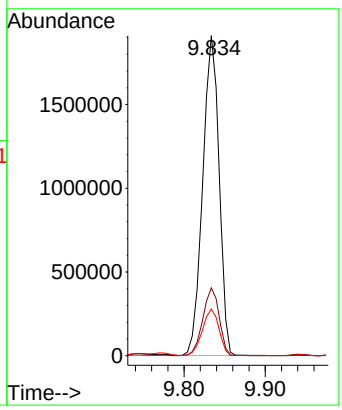


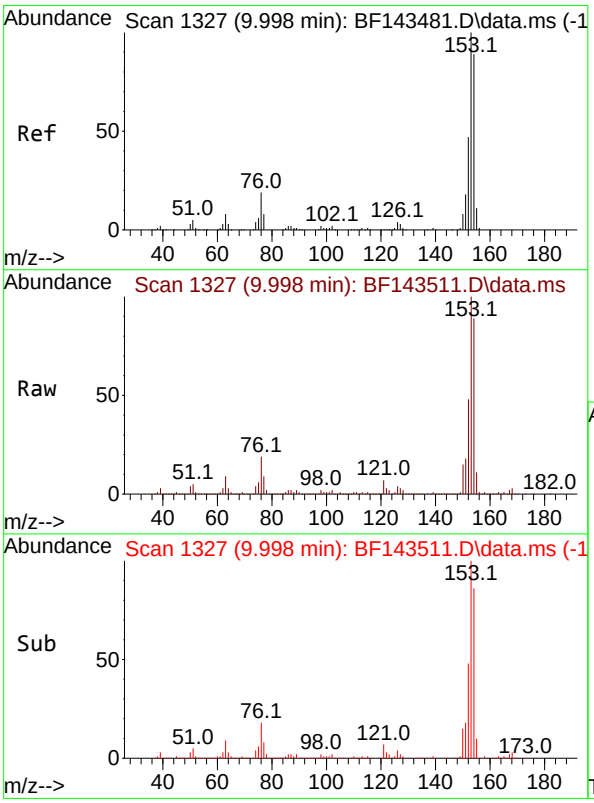
#49
Acenaphthylene
Concen: 136.548 ng
RT: 9.834 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Tgt Ion:152 Resp: 2670938

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.2	24.4
153	14.6	10.6	15.8

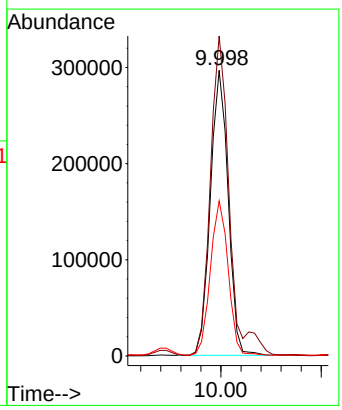


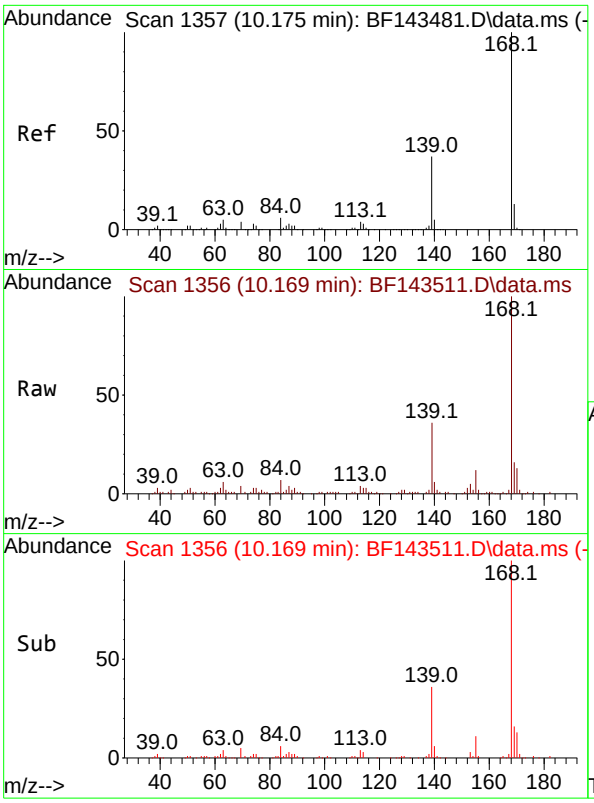


#52
Acenaphthene
Concen: 27.440 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Tgt Ion:154 Resp: 364427

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.5	134.3
152	54.3	42.5	63.7



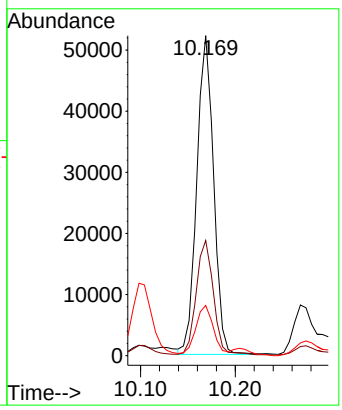


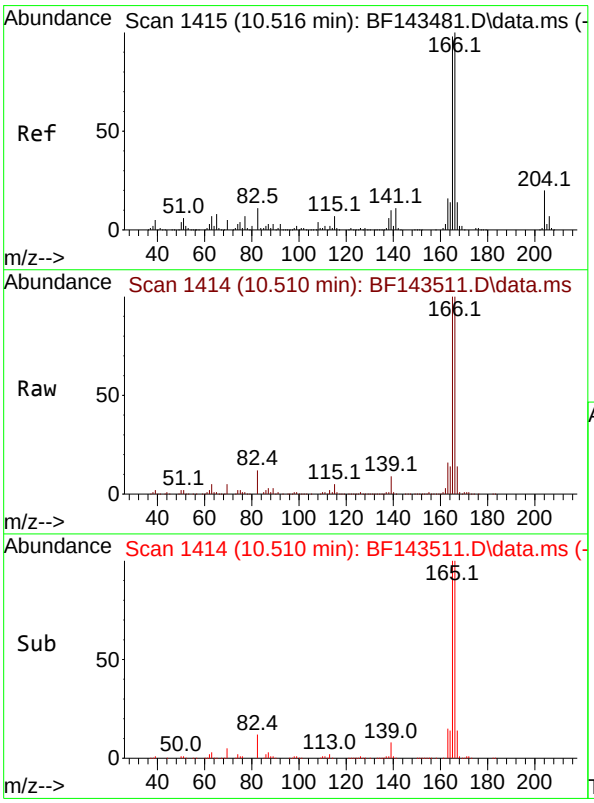
#55
Dibenzofuran
Concen: 3.413 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Tgt Ion:168 Resp: 64615

Ion	Ratio	Lower	Upper
168	100		
139	36.0	29.8	44.6
169	15.7	10.8	16.2

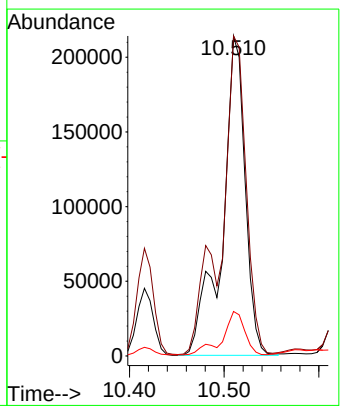


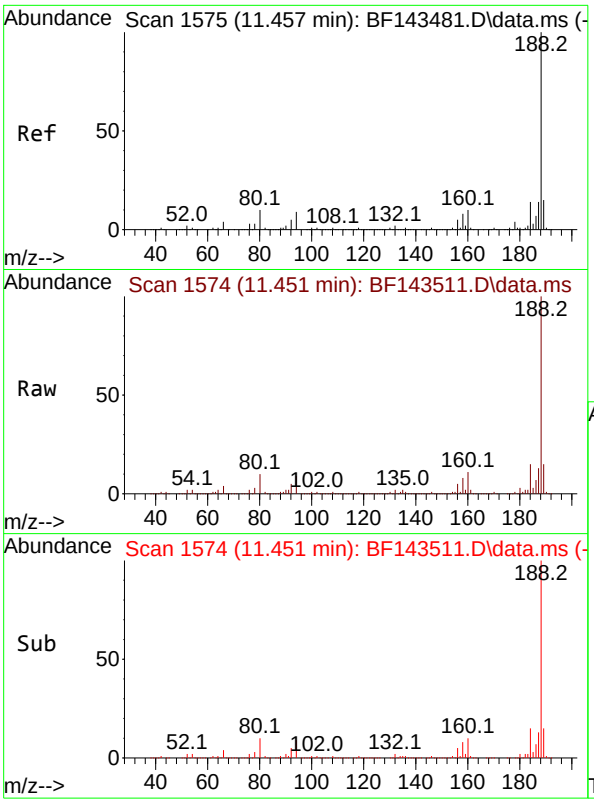


#58
Fluorene
Concen: 24.694 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Tgt Ion:166 Resp: 359860

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.3	117.5
167	13.9	11.0	16.4



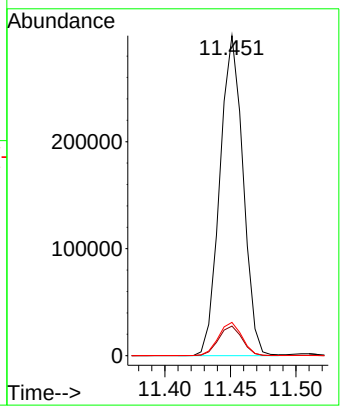


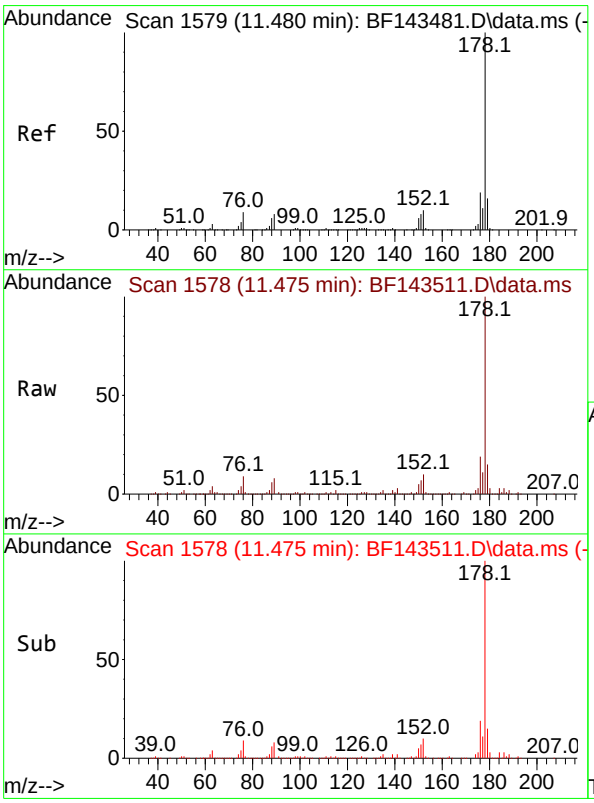
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Tgt Ion:188 Resp: 368458

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	10.4	8.2	12.4

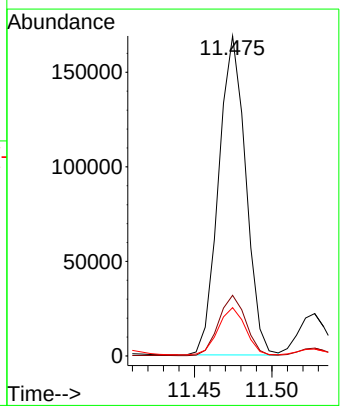


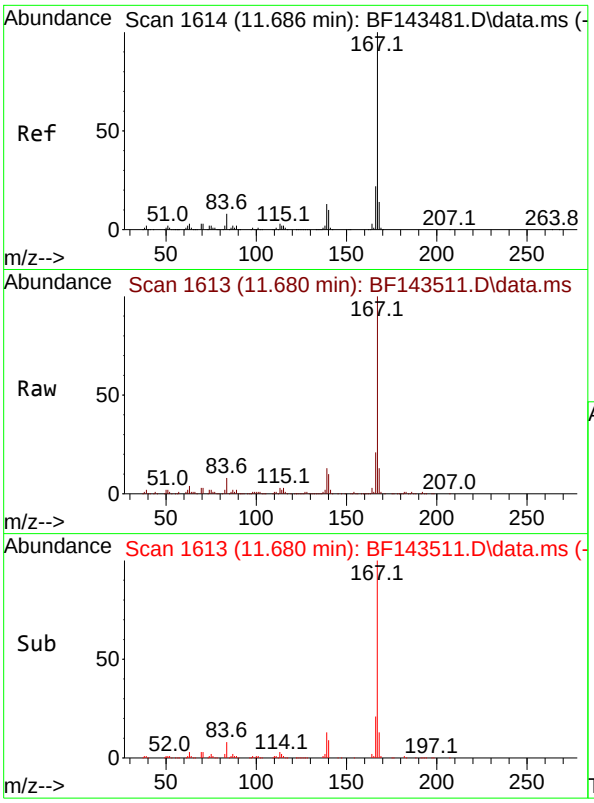


#71
Phenanthrene
Concen: 10.382 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Tgt Ion:178 Resp: 204858

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.1	12.5	18.7



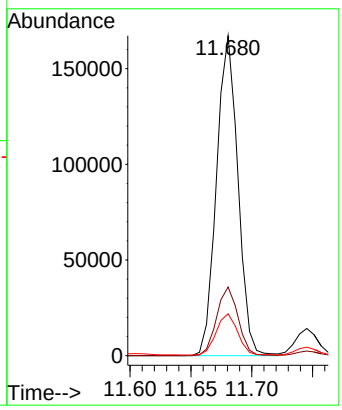


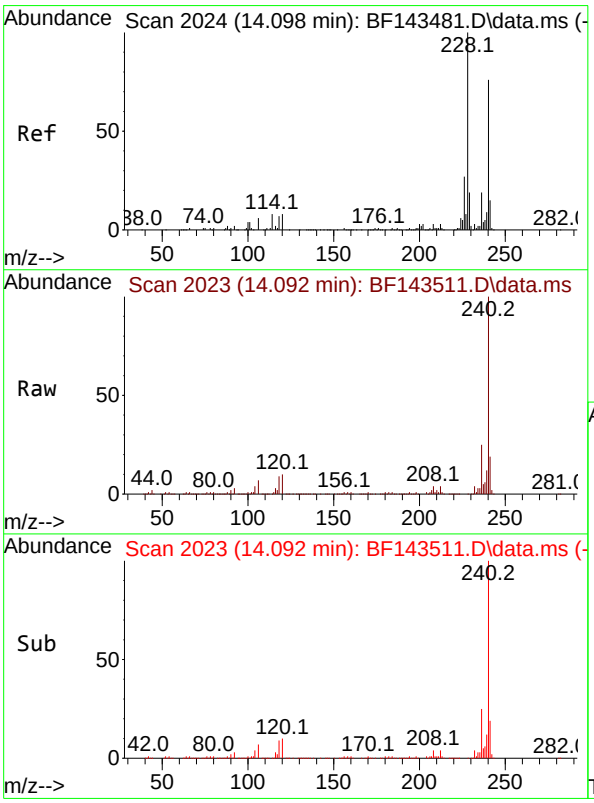
#73
Carbazole
Concen: 12.493 ng
RT: 11.680 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Tgt Ion:167 Resp: 204617

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.3	25.9
139	13.1	10.0	15.0

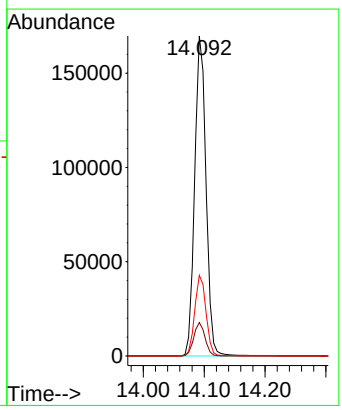


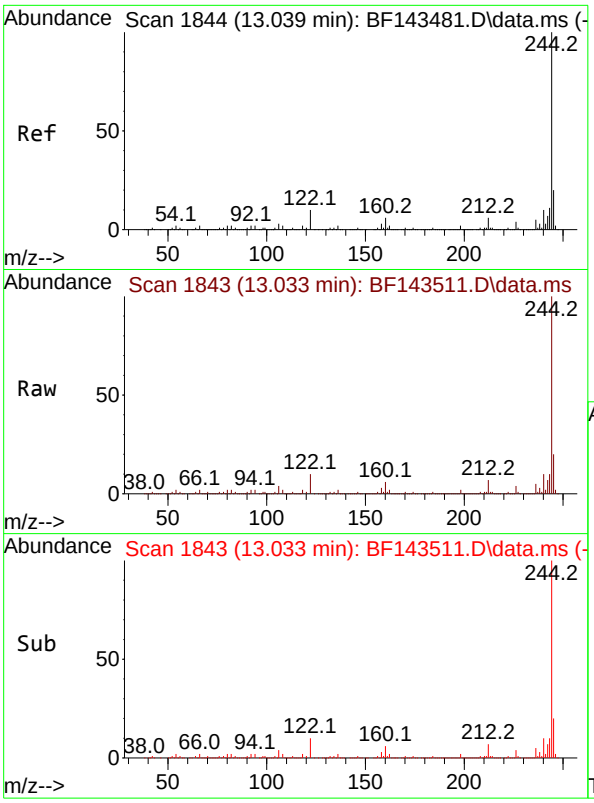


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Tgt Ion:240 Resp: 219458

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	12.8
236	25.2	20.4	30.6



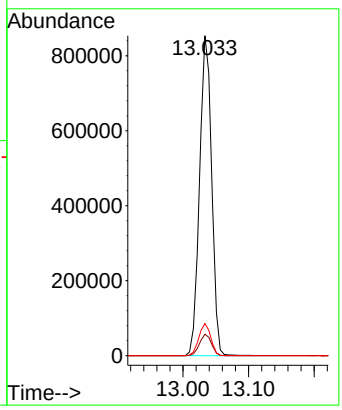


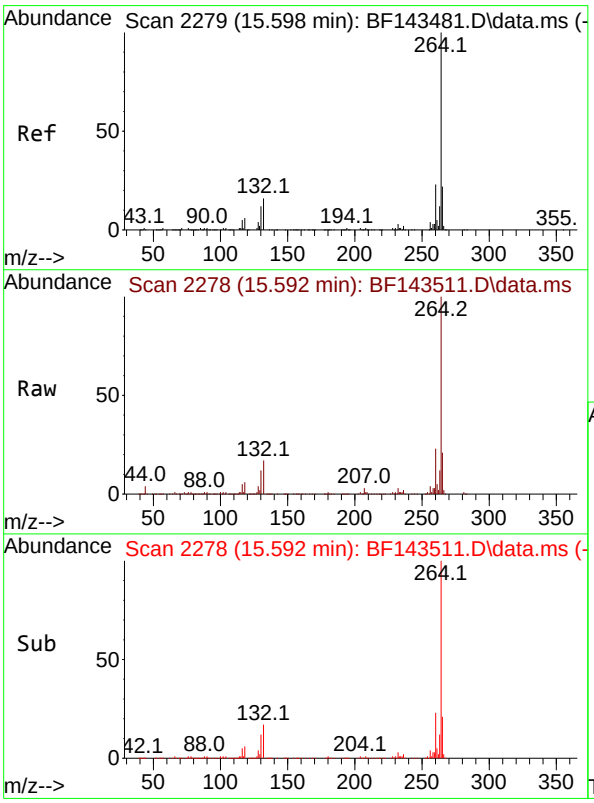
#79
Terphenyl-d14
Concen: 87.379 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Tgt Ion:244 Resp: 1098890

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	10.0	7.9	11.9

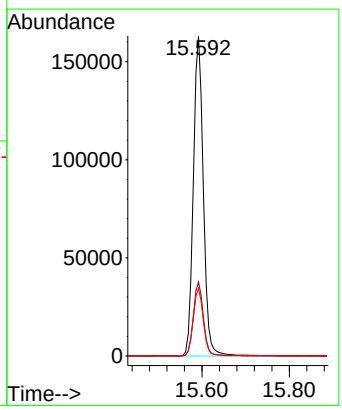




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143511.D
Acq: 21 Aug 2025 04:21

Tgt Ion:264 Resp: 260219

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.2	17.6	26.4



Sample Results: **BF143511.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143511.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	4	12	19	rBV	2484792	4088356	5.87%	1.107%
2	2.646	59	77	89	rBV	712056	1350825	1.94%	0.366%
3	4.128	310	329	335	rBV	8451998	37080230	53.25%	10.041%
4	4.699	417	426	441	rVB	1756837	2625678	3.77%	0.711%
5	5.463	545	556	562	rBV	8412869	22382012	32.14%	6.061%
6	5.575	565	575	581	rVV	8019542	22017213	31.62%	5.962%
7	5.822	606	617	624	rVV3	8513959	25730772	36.95%	6.968%
8	6.110	659	666	671	rBV	823380	1024964	1.47%	0.278%
9	6.469	720	727	730	rBV	5337145	8519179	12.23%	2.307%
10	6.498	730	732	736	rVV	3976722	4502864	6.47%	1.219%
11	6.540	736	739	742	rVV	2168865	2749020	3.95%	0.744%
12	6.569	742	744	749	rVV	743350	873615	1.25%	0.237%
13	6.622	749	753	755	rVV	1115052	1517448	2.18%	0.411%
14	6.646	755	757	766	rVB	1326754	1622958	2.33%	0.439%
15	6.775	766	779	783	rBV2	6795697	14196013	20.39%	3.844%
16	6.810	783	785	791	rVB	1655685	1819818	2.61%	0.493%
17	6.998	810	817	821	rVV	2561377	4586743	6.59%	1.242%
18	7.045	821	825	831	rVB	859301	1761541	2.53%	0.477%
19	7.134	831	840	845	rBV	6139074	13529792	19.43%	3.664%
20	7.251	845	860	866	rVV	9259378	41555641	59.67%	11.253%
21	7.469	893	897	899	rVV	1004101	1380227	1.98%	0.374%
22	7.498	899	902	906	rVV	1457185	2034910	2.92%	0.551%
23	7.545	906	910	914	rVV	1192648	1614580	2.32%	0.437%
24	7.728	938	941	944	rVV	664540	755844	1.09%	0.205%
25	7.887	962	968	974	rVB	646036	921222	1.32%	0.249%
26	7.975	974	983	987	rBV3	5501796	13187585	18.94%	3.571%
27	8.016	987	990	997	rVV	5735096	10888034	15.64%	2.948%
28	8.092	998	1003	1012	rVB	900801	1614739	2.32%	0.437%
29	8.328	1017	1043	1052	rBV2	10415785	69637203	100.00%	18.857%
30	8.716	1106	1109	1114	rVB	503318	730444	1.05%	0.198%
31	8.881	1131	1137	1141	rVV	1038674	1752026	2.52%	0.474%
32	8.945	1141	1148	1152	rVV	7059734	13538065	19.44%	3.666%
33	8.987	1152	1155	1157	rVV	606200	733519	1.05%	0.199%
34	9.045	1157	1165	1170	rVB	6553957	12142514	17.44%	3.288%
35	9.287	1201	1206	1211	rVB	2752994	3561386	5.11%	0.964%
36	9.386	1217	1223	1229	rBV	1052360	1416989	2.03%	0.384%

Sample Results: **BF143511.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.551	1245	1251	1255	rVV	822999	1308003	1.88%	0.354%
38	9.622	1259	1263	1266	rVV	1094292	1553767	2.23%	0.421%
39	9.745	1279	1284	1292	rVB2	452961	792281	1.14%	0.215%
40	9.834	1292	1299	1304	rBV	4340469	6059021	8.70%	1.641%
41	9.963	1311	1321	1324	rBV2	813123	1294263	1.86%	0.350%
42	9.998	1324	1327	1331	rVB	1315242	1580509	2.27%	0.428%
43	10.510	1411	1414	1420	rVB	696984	961726	1.38%	0.260%
44	10.751	1448	1455	1464	rBV2	1600142	2426922	3.49%	0.657%
45	11.451	1570	1574	1577	rBV	684135	963603	1.38%	0.261%
46	13.033	1837	1843	1852	rVB	2255035	2899483	4.16%	0.785%

Sum of corrected areas: 369283547

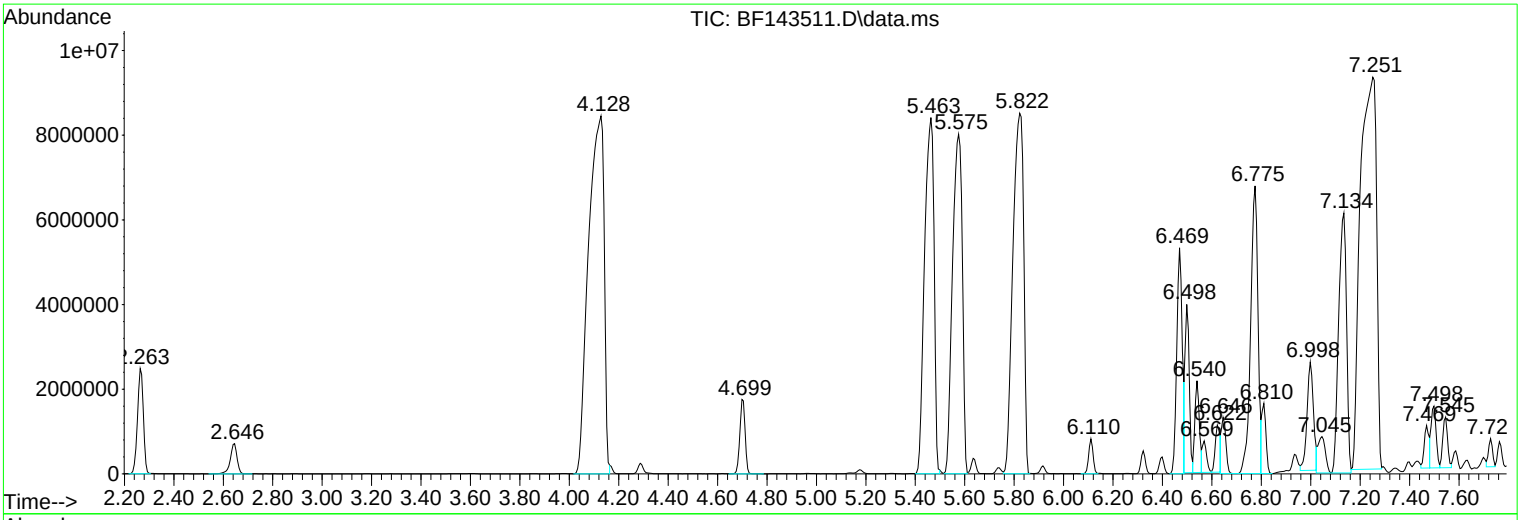
Sample Results: **BF143511.D**

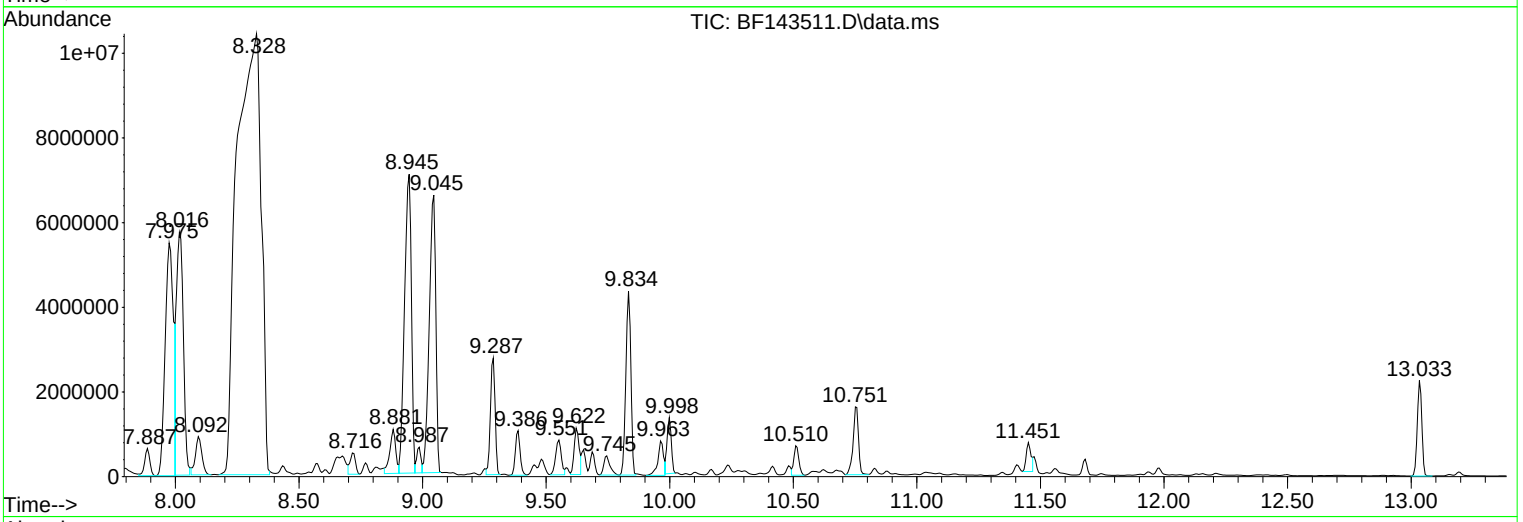
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

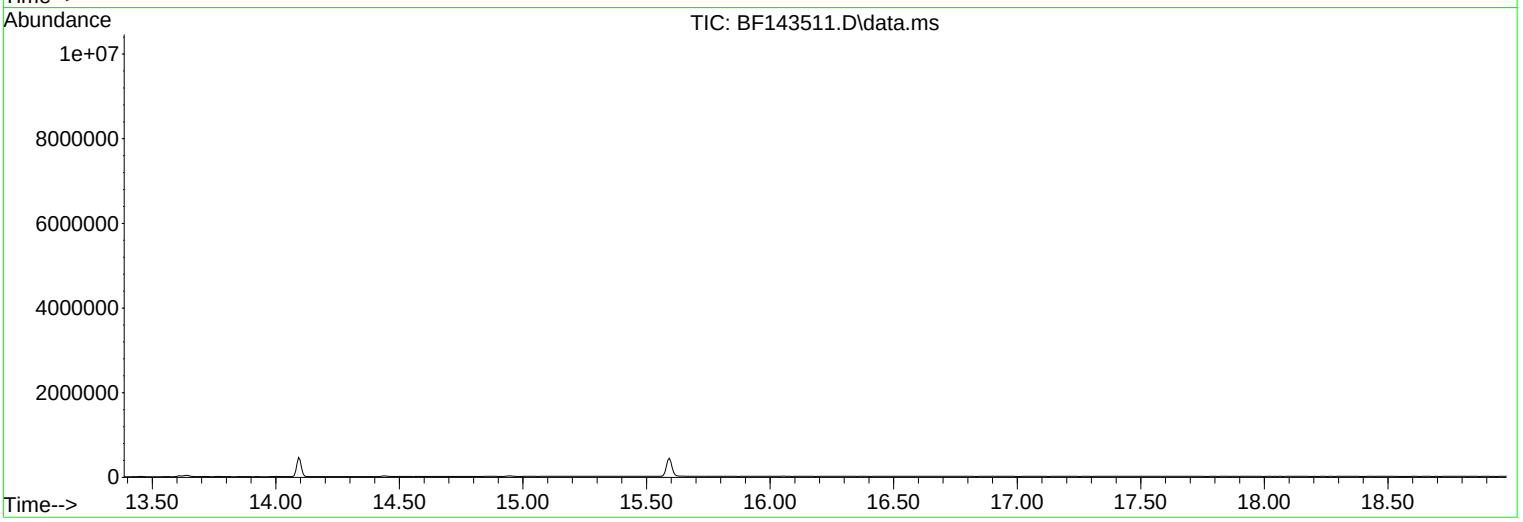
Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

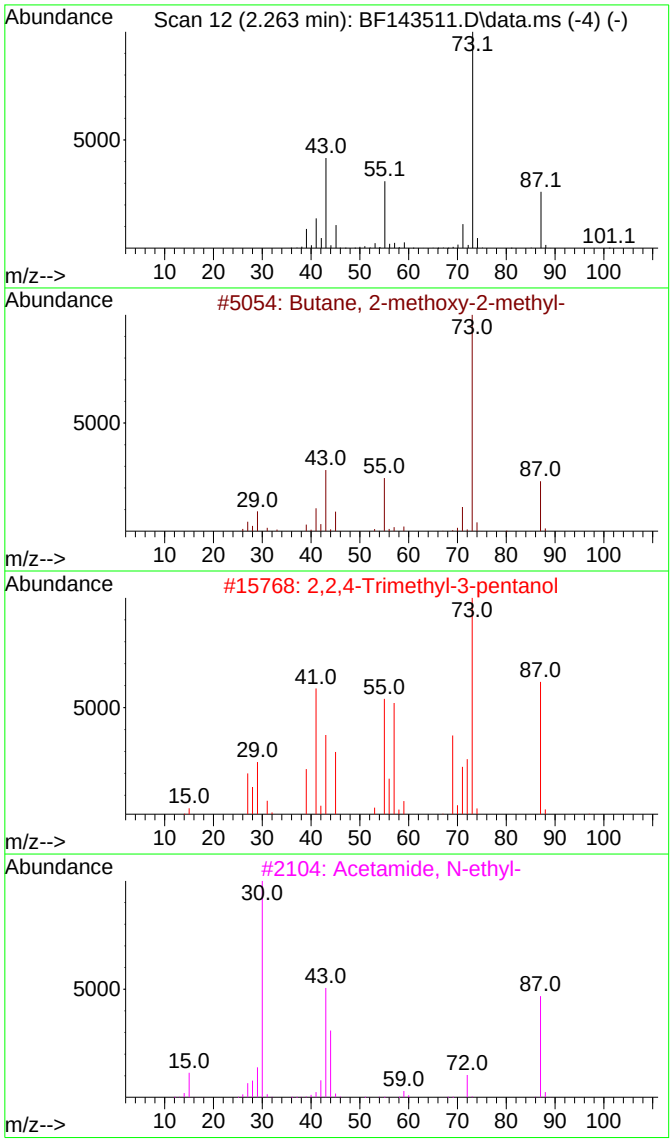
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

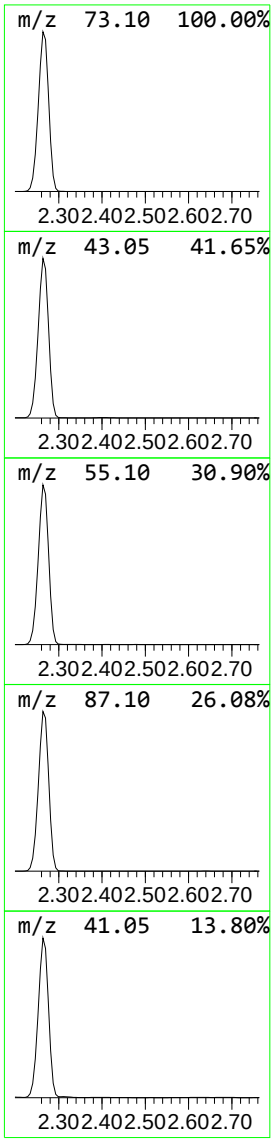
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.263	17.83 ng	4088360	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

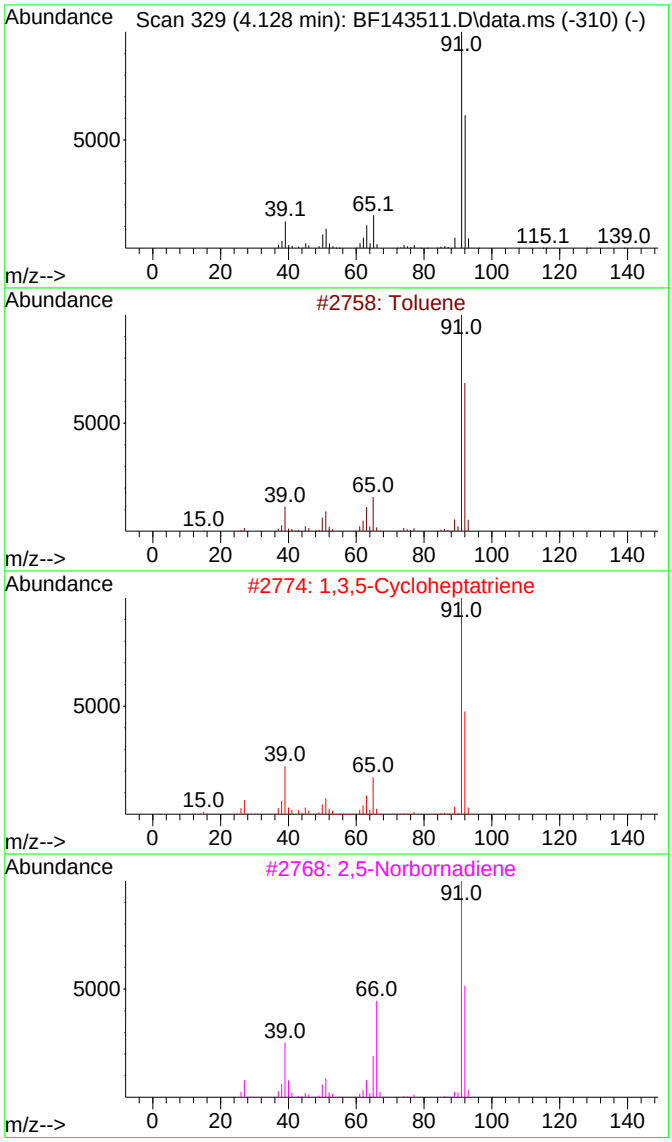
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

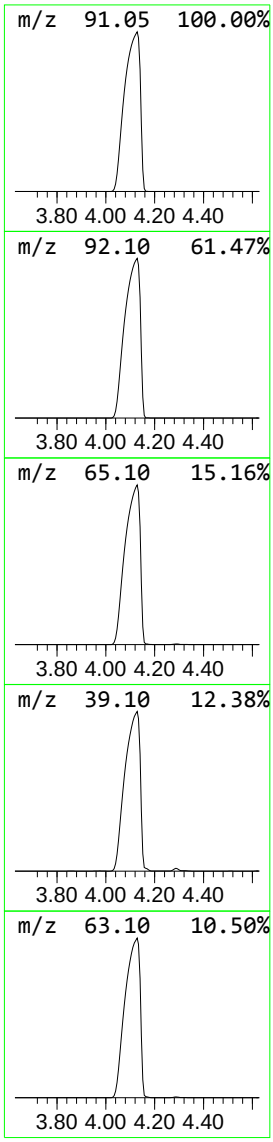
****

Peak Number 3 1,3,5-Cycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.128	161.68 ng	37080200	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3	2,5-Norbornadiene	92	C7H8	000121-46-0	83
4	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	72
5	Tetracyclo[3.2.0.0(2,7).0(4,6)]h...	92	C7H8	000278-06-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

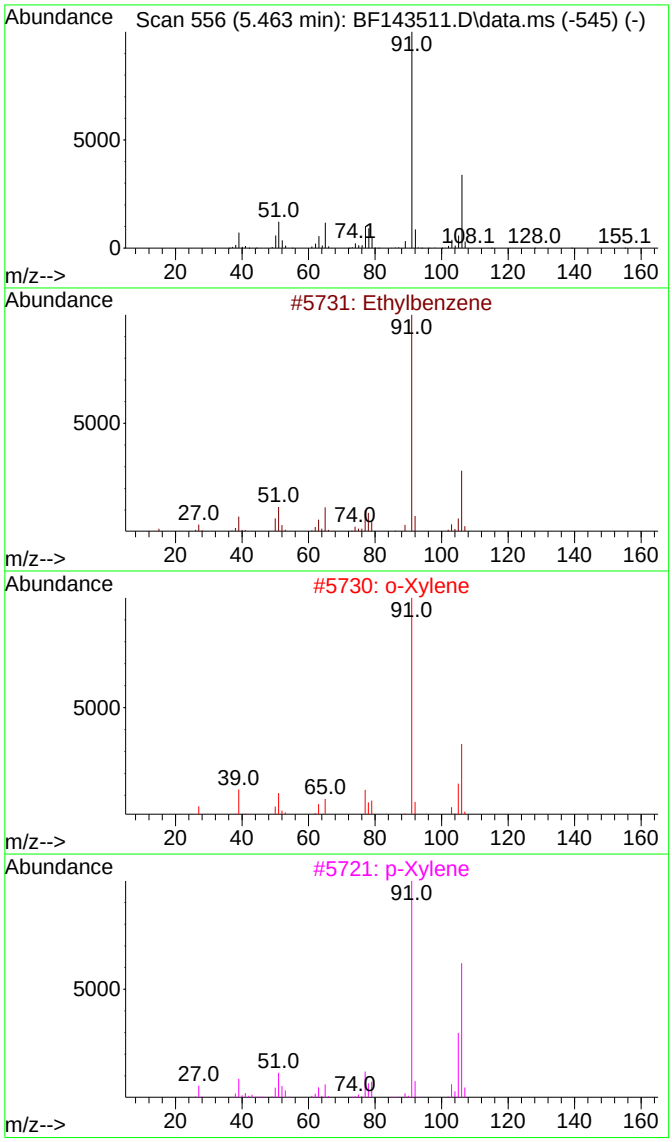
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

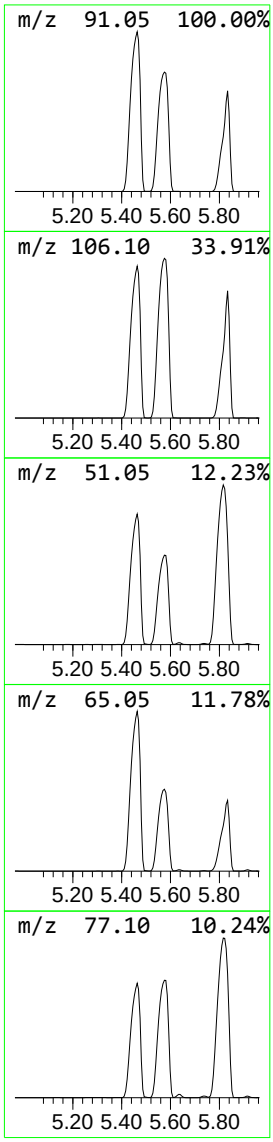
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.463	97.59 ng	22382000	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	95
2	o-Xylene	106	C8H10	000095-47-6	91
3	p-Xylene	106	C8H10	000106-42-3	80
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	80
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

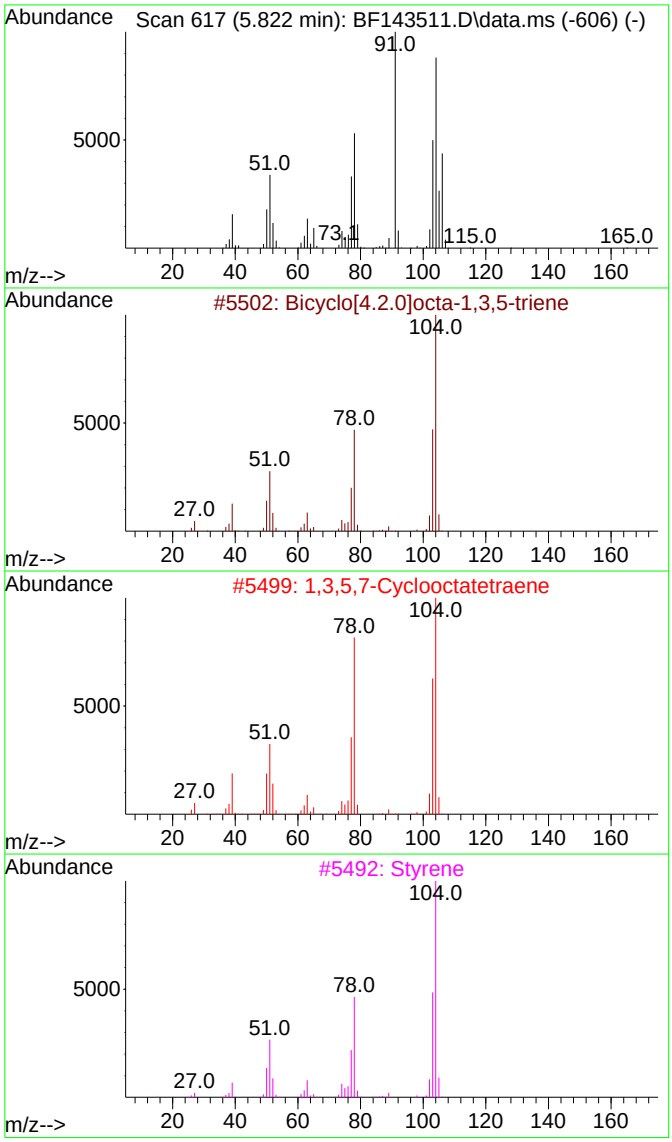
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

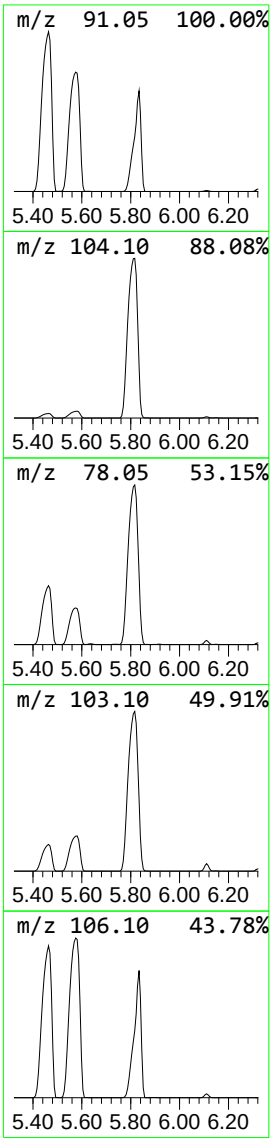
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.822	112.20 ng	25730800	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	94
2	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	93
3	Styrene	104	C8H8	000100-42-5	93
4	1-Cyclohexene, 1-ethynyl-	106	C8H10	1000327-56-5	55
5	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

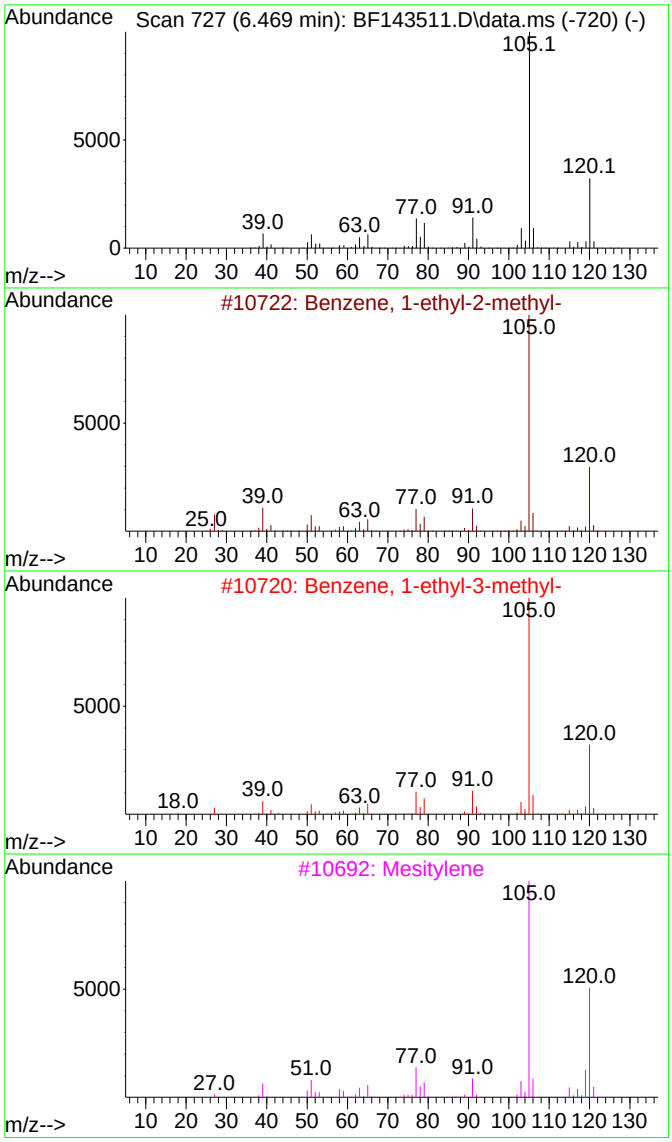
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

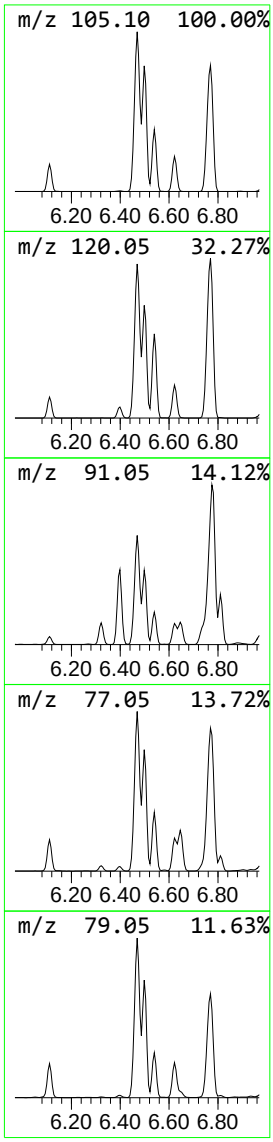
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.469	37.15 ng	8519180	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

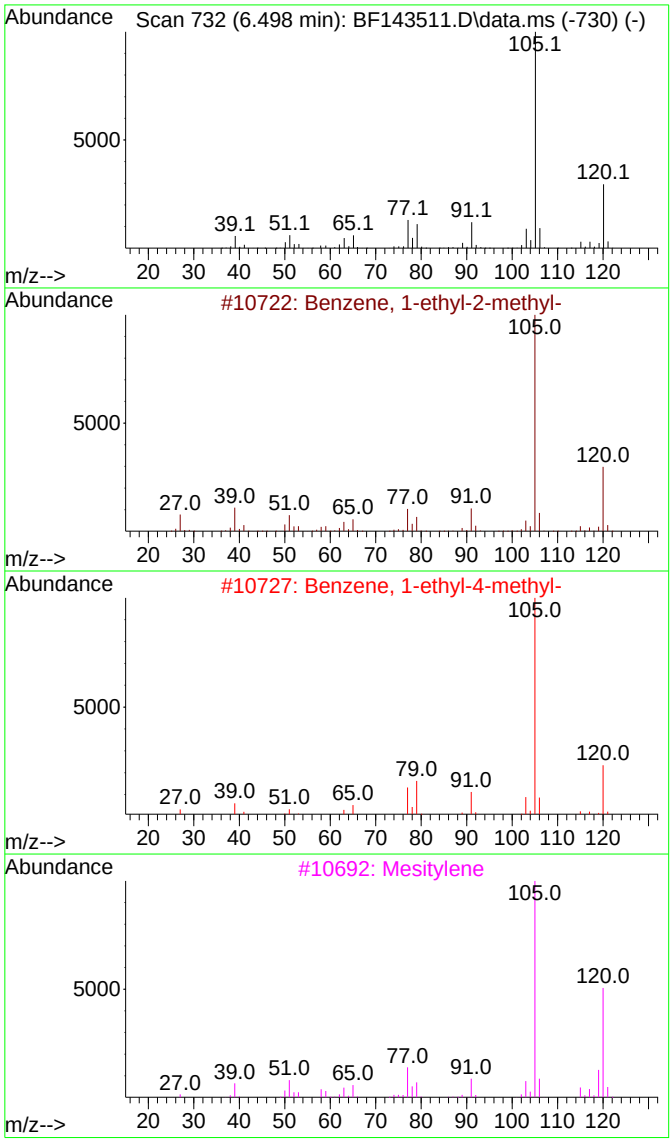
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

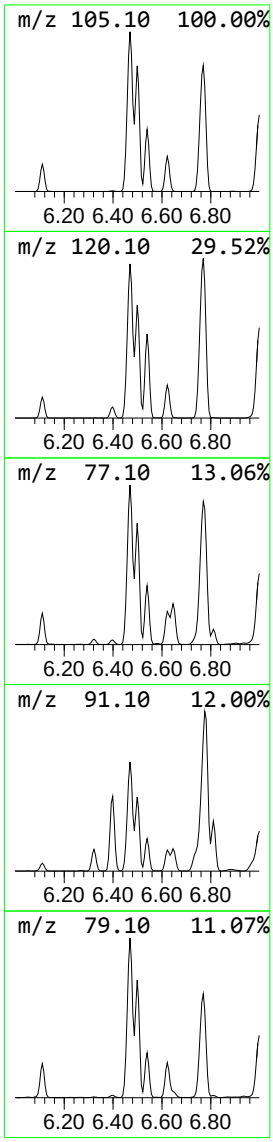
****

Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.498	19.63 ng	4502860	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Sample Results: **BF143511.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

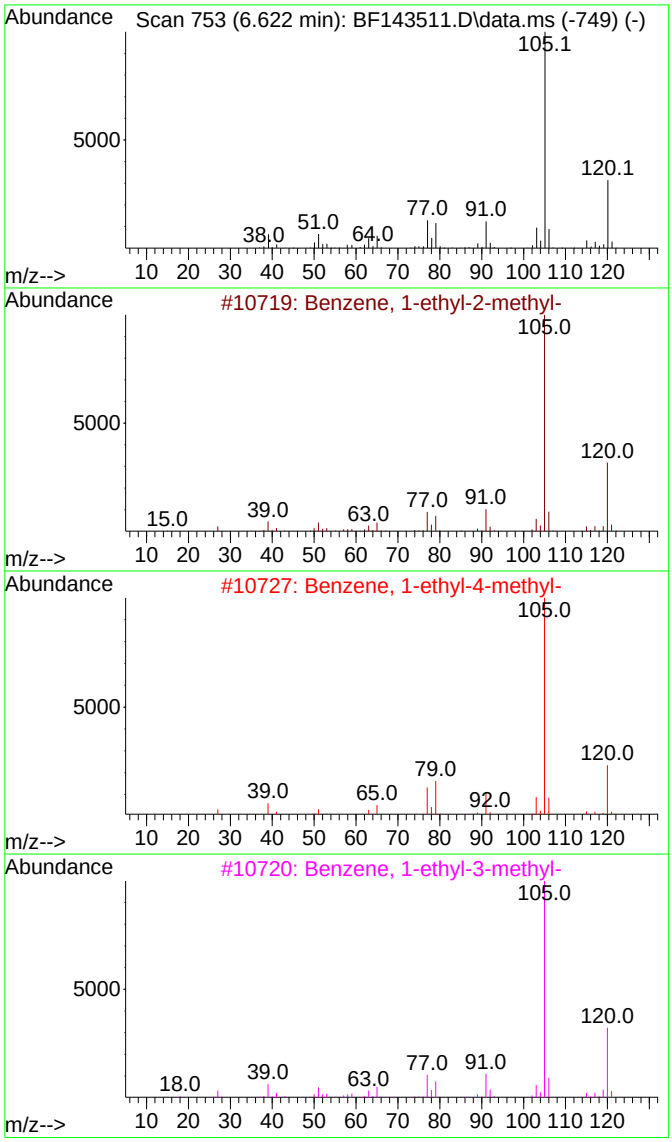
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

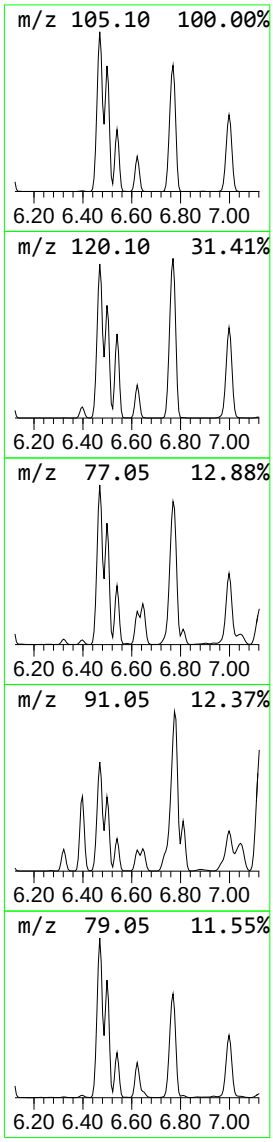
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.622	6.62 ng	1517450	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

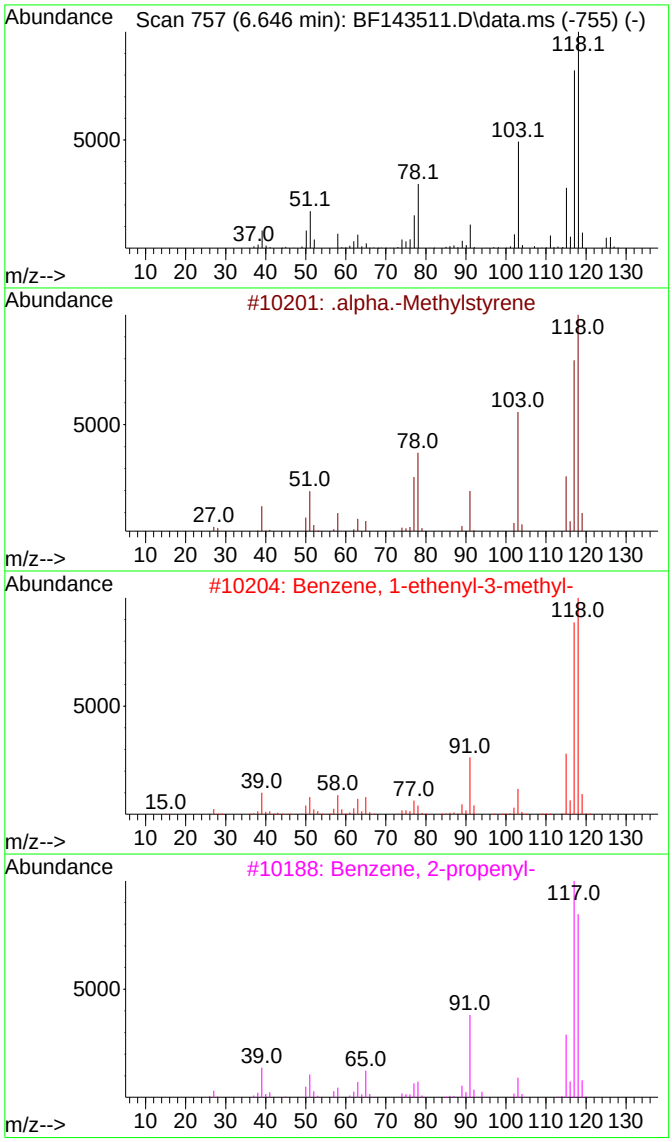
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

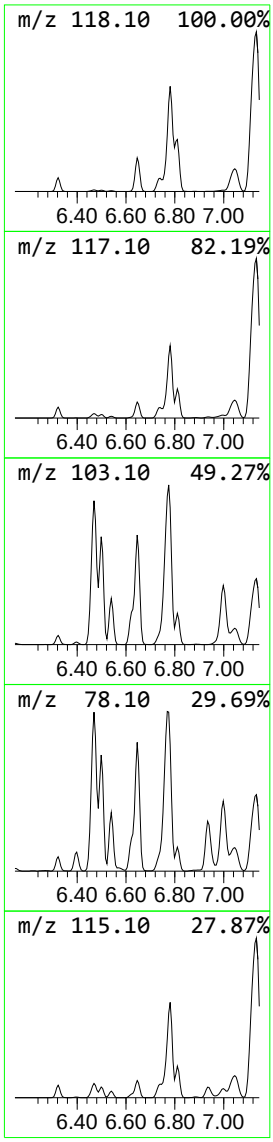
****

Peak Number 10 .alpha.-Methylstyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.646	7.08 ng	1622960	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	91
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	52
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	50
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	50
5	3-Phenyl-1-propanol, acetate	178	C11H14O2	000122-72-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

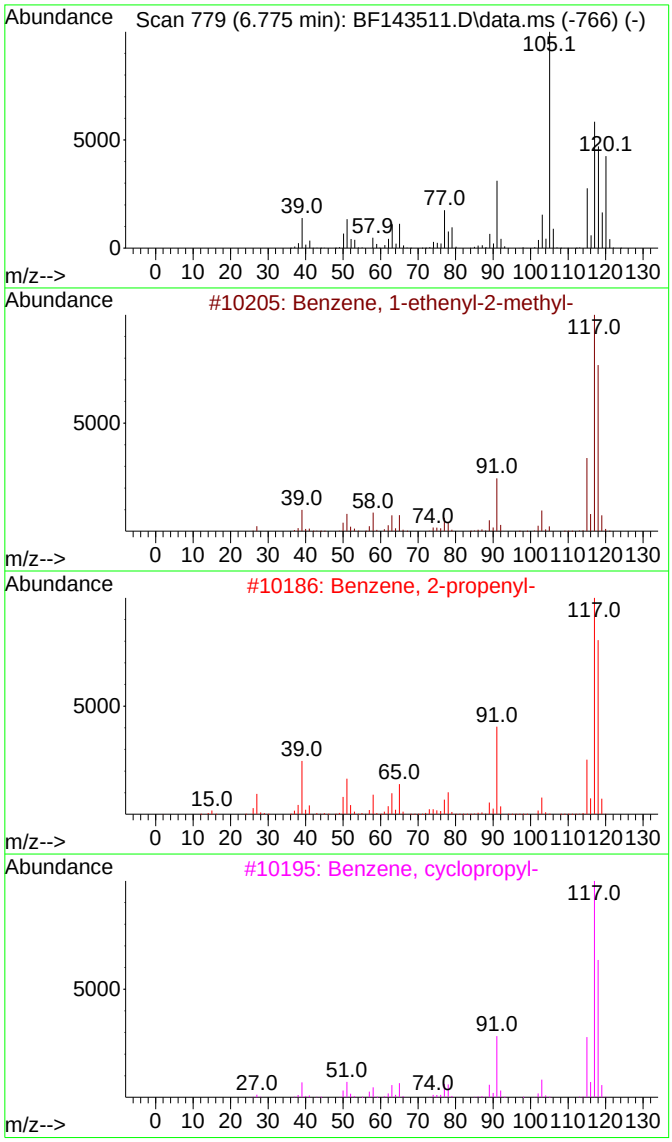
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

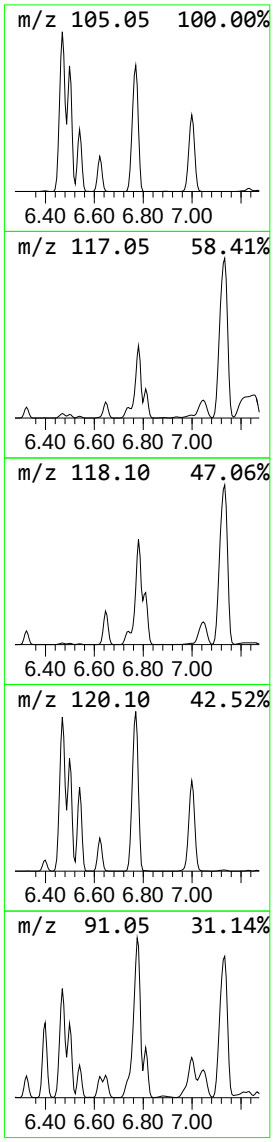
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethenyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.775	61.90 ng	14196000	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	46
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	46
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	46
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

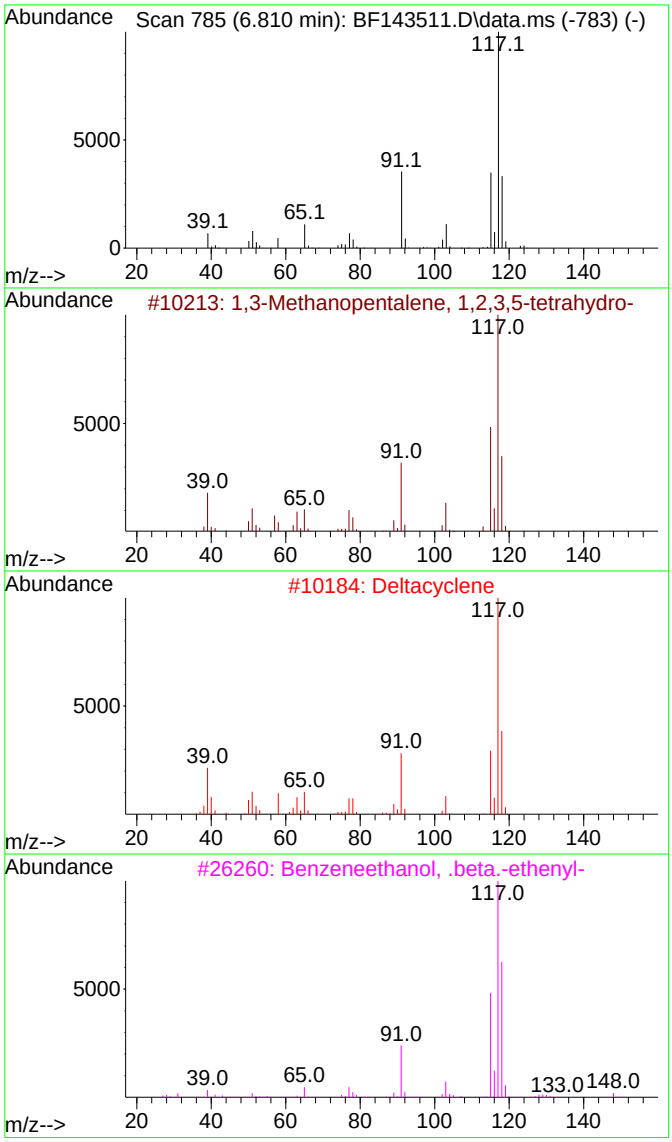
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

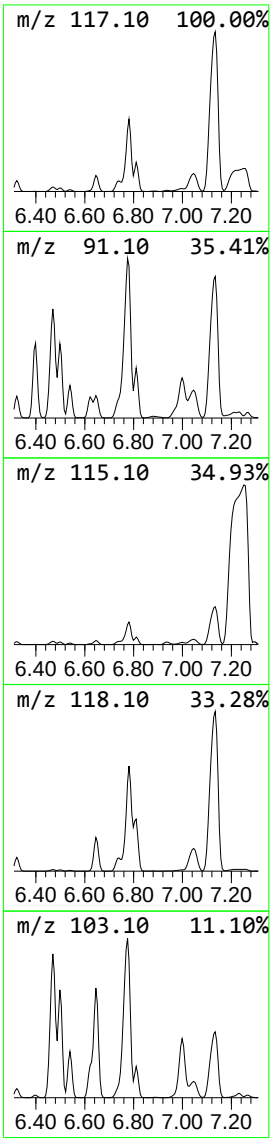
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,3-Methanopentalene, 1,2,3... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.810	7.94 ng	1819820	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	87
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	50
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	46
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

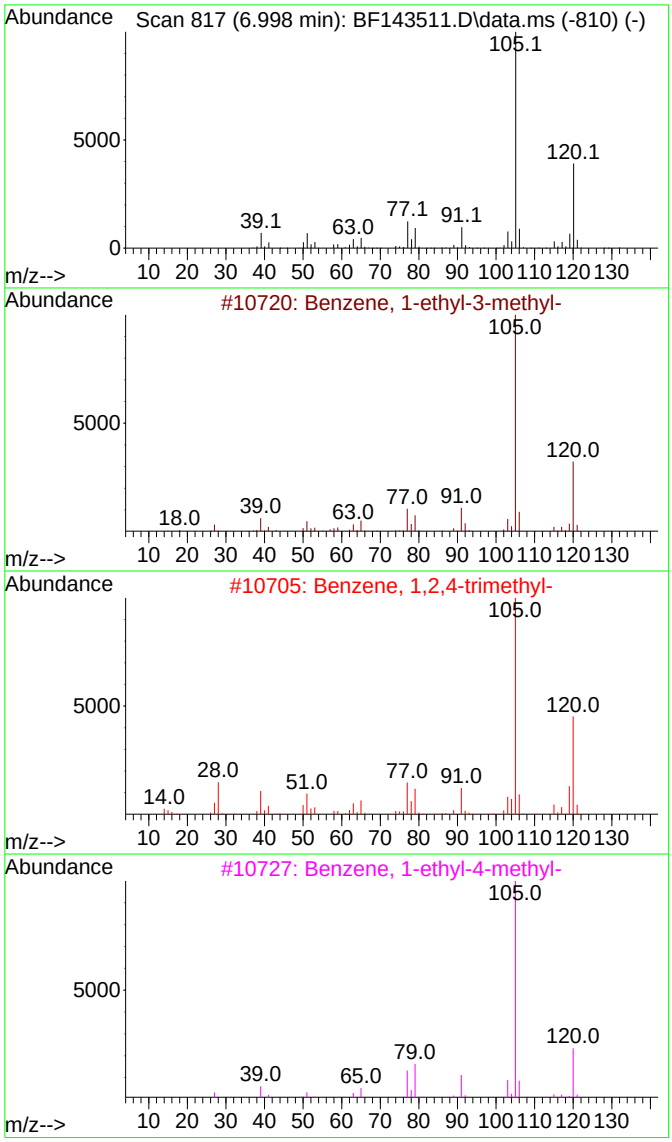
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

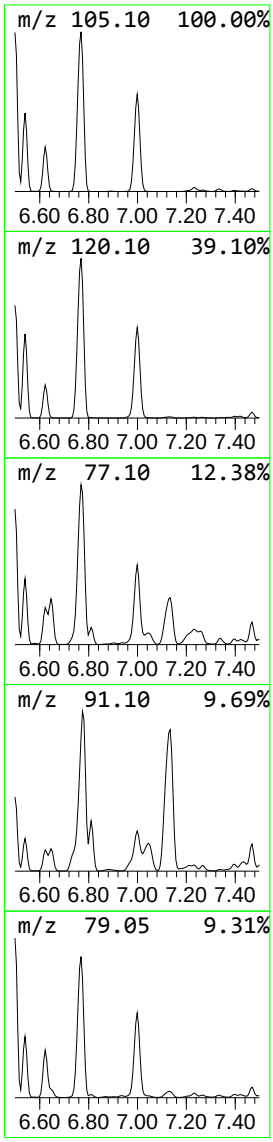
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.998	20.00 ng	4586740	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Mesitylene	120	C9H12	000108-67-8	91





Sample Results: **BF143511.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

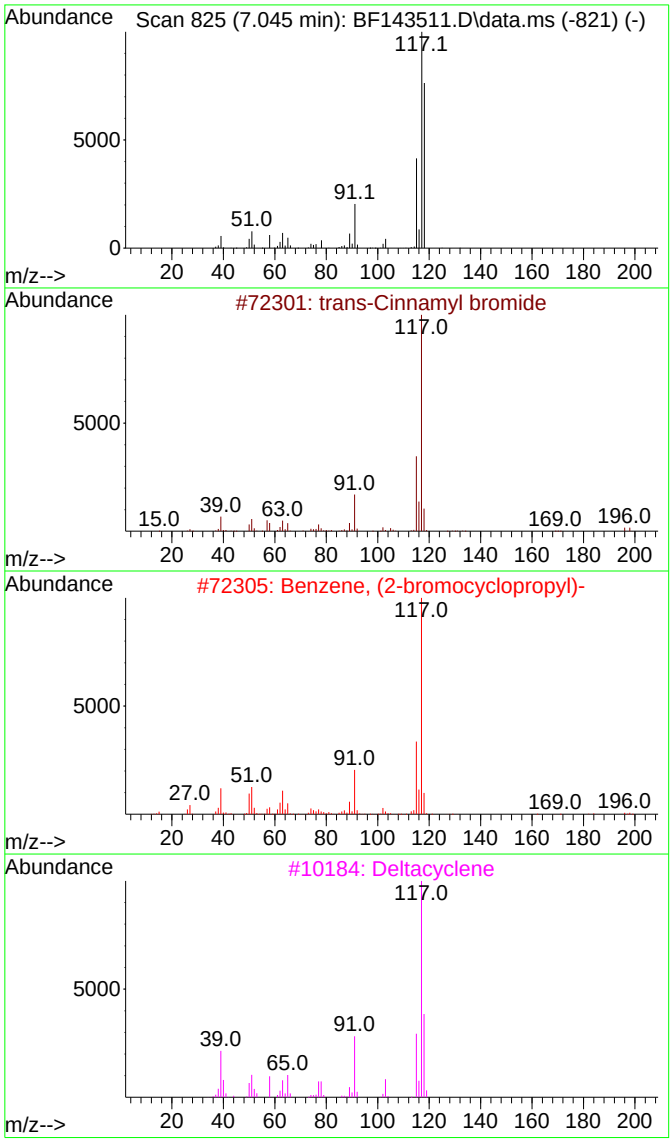
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

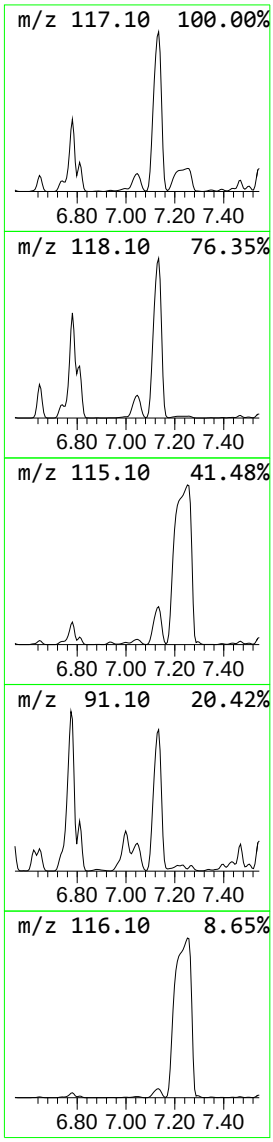
****

Peak Number 14 unknown7.045 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.045	7.68 ng	1761540	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	47
2	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	43
3	Deltacyclene	118	C9H10	007785-10-6	43
4	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	38
5	Indole	117	C8H7N	000120-72-9	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

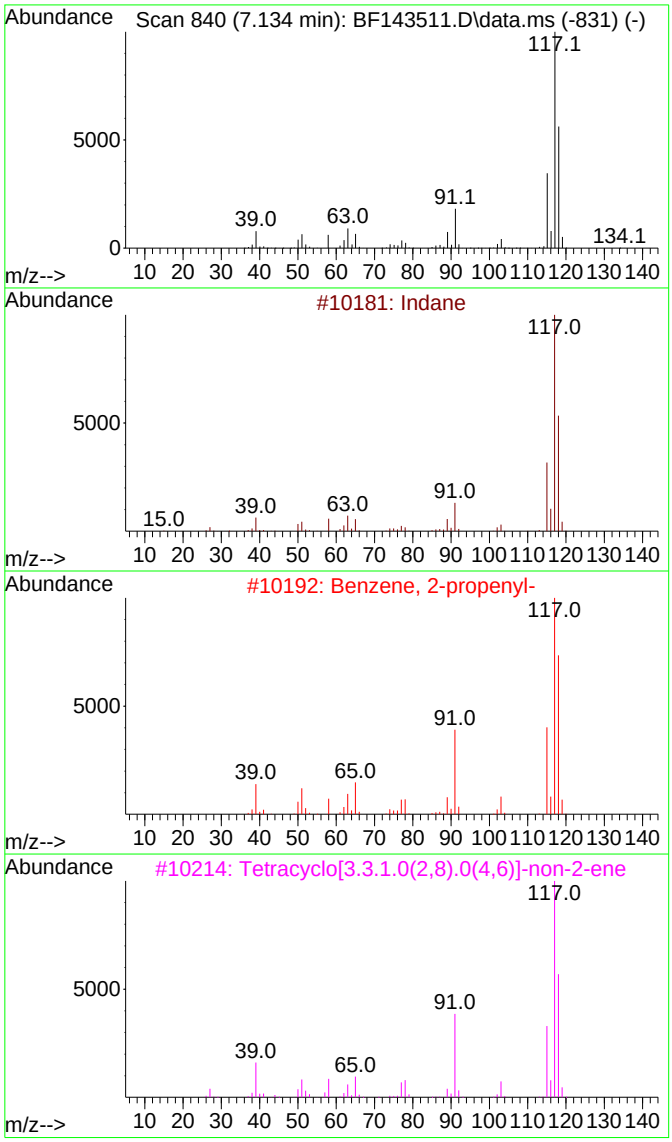
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

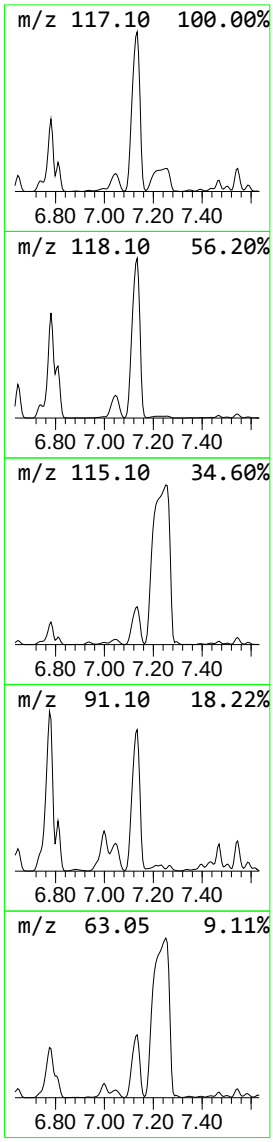
****

Peak Number 15 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.134	59.00 ng	13529800	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

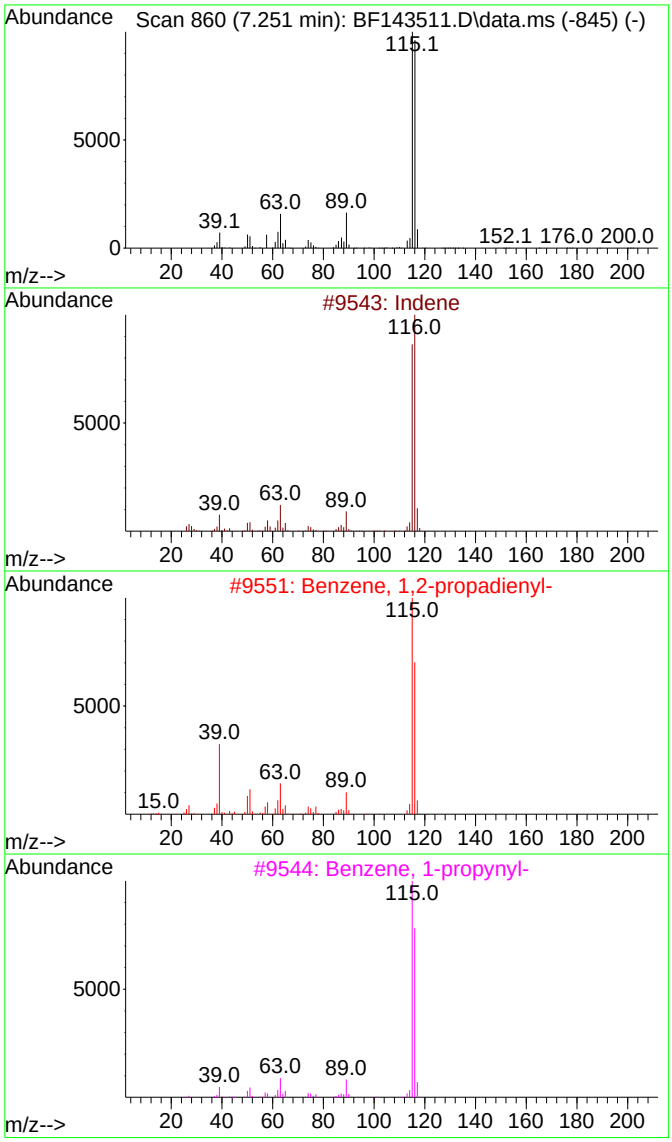
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

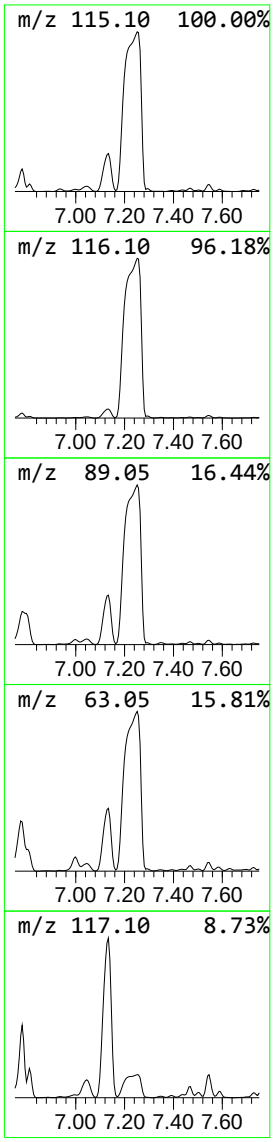
****

Peak Number 16 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.251	181.20 ng	41555600	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

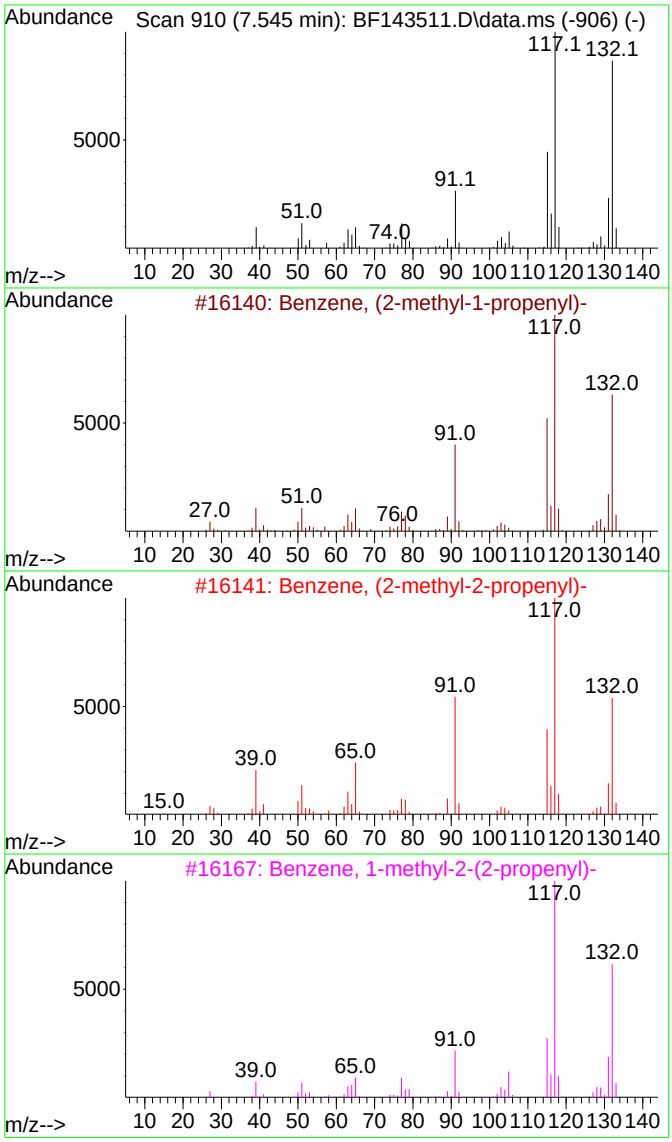
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

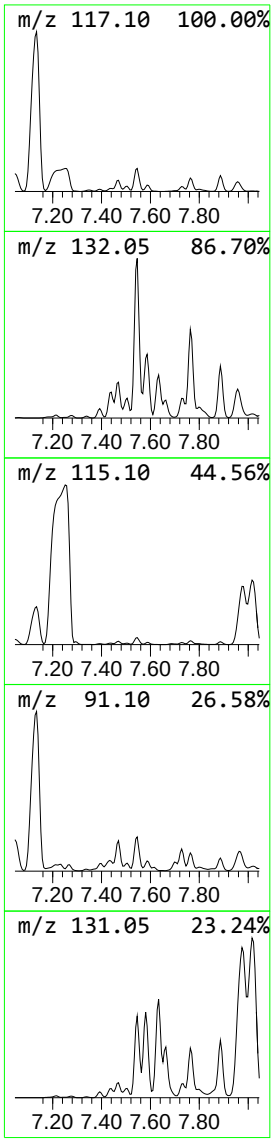
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, (2-methyl-1-propen... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.545	7.04 ng	1614580	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	96
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94
5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

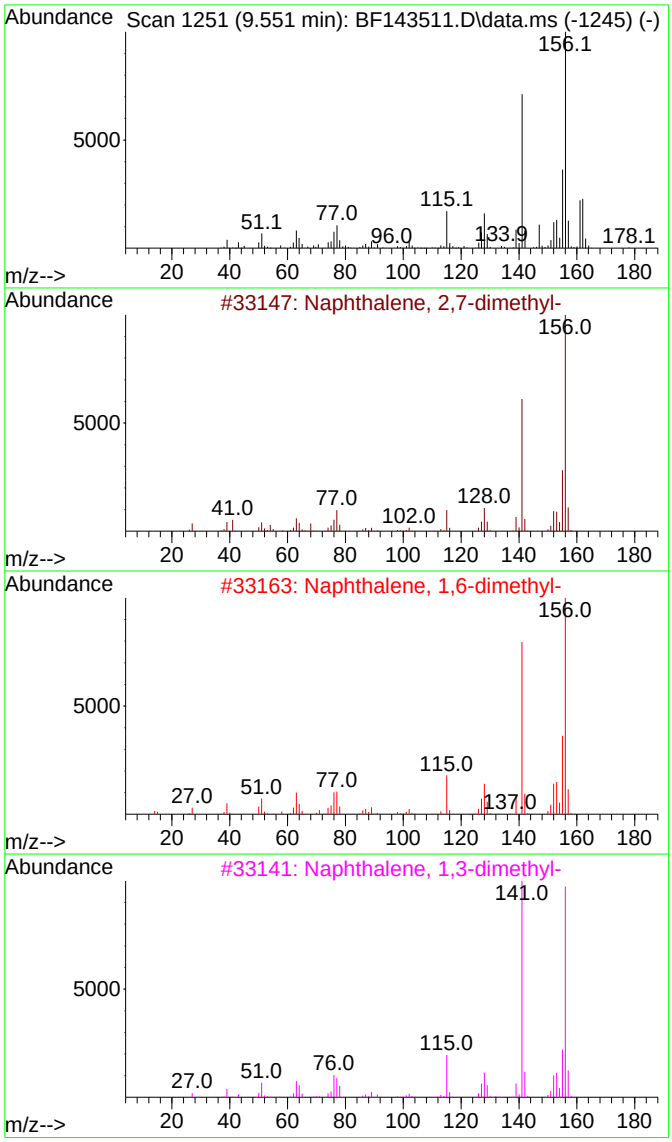
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

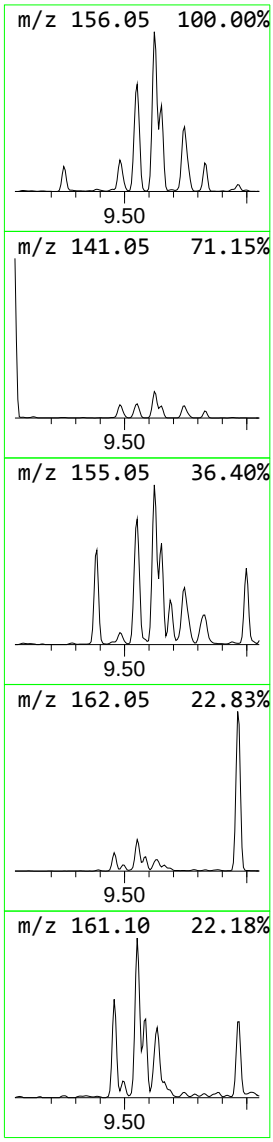
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	20.21 ng	1308000	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

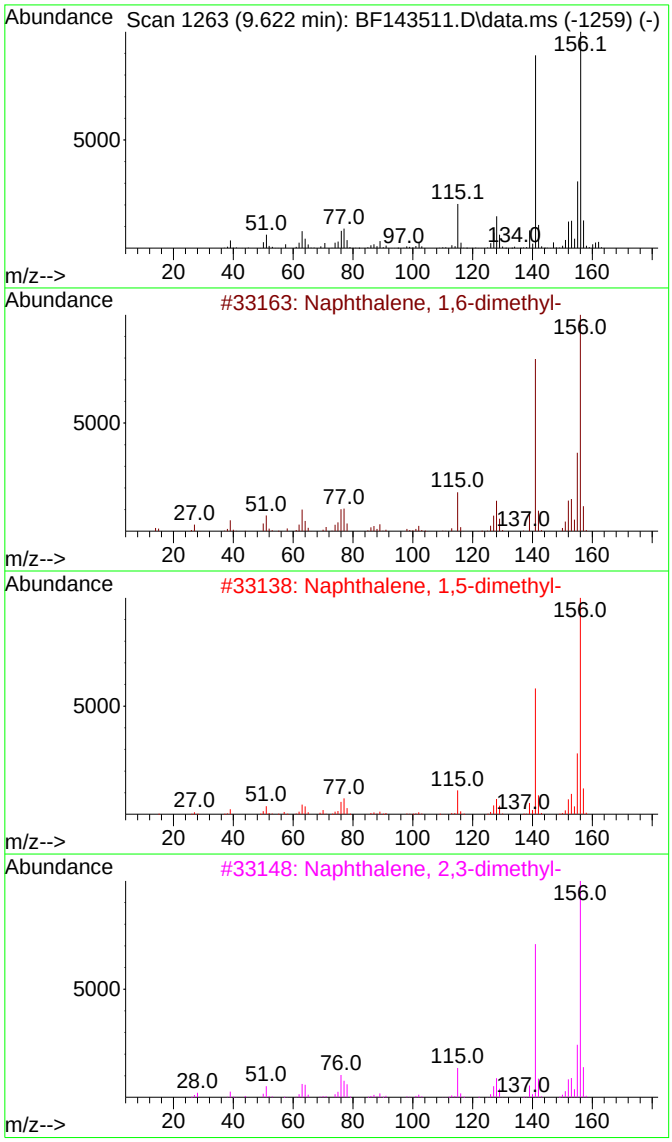
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

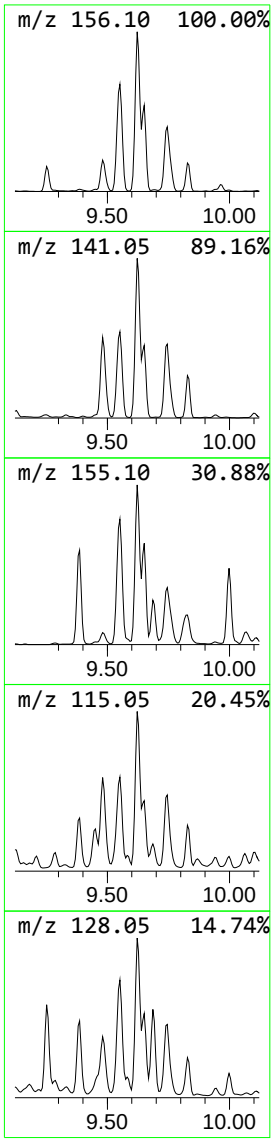
****

Peak Number 19 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	24.01 ng	1553770	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Sample Results: **BF143511.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

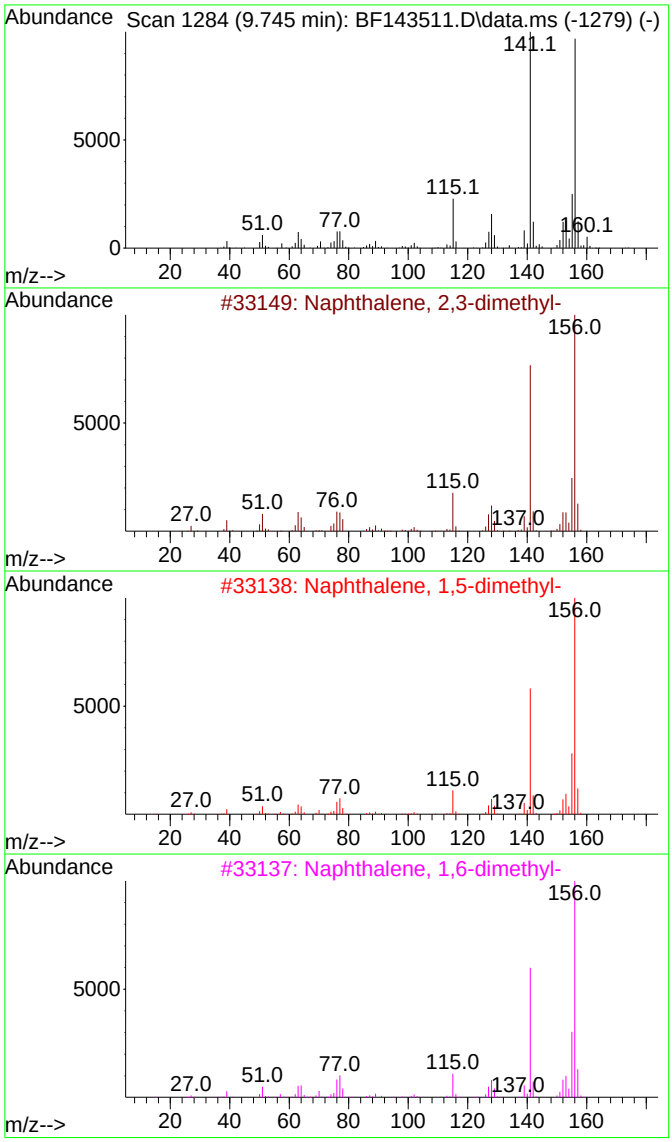
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

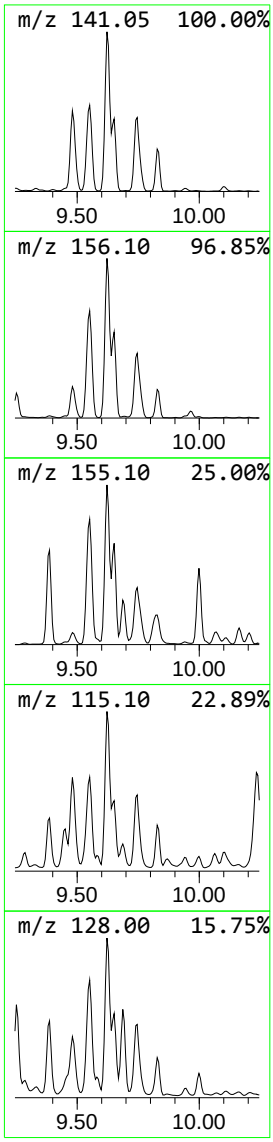
****

Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	12.24 ng	792281	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143511.D
Acq On : 21 Aug 2025 04:21
Operator : RC/JU
Sample : Q2900-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.263	17.8	ng	4088360	1	6.934	4586740	20.0
1,3,5-Cyclohept...	4.128	161.7	ng	37080200	1	6.934	4586740	20.0
1,3-Cyclopentad...	5.463	97.6	ng	22382000	1	6.934	4586740	20.0
Bicyclo[4.2.0]o...	5.822	112.2	ng	25730800	1	6.934	4586740	20.0
Benzene, 1-ethy...	6.469	37.1	ng	8519180	1	6.934	4586740	20.0
Benzene, 1-ethy...	6.498	19.6	ng	4502860	1	6.934	4586740	20.0
Benzene, 1-ethy...	6.622	6.6	ng	1517450	1	6.934	4586740	20.0
.alpha.-Methyls...	6.646	7.1	ng	1622960	1	6.934	4586740	20.0
Benzene, 1-ethe...	6.775	61.9	ng	14196000	1	6.934	4586740	20.0
1,3-Methanopent...	6.810	7.9	ng	1819820	1	6.934	4586740	20.0
Benzene, 1,2,4-...	6.998	20.0	ng	4586740	1	6.934	4586740	20.0
unknown7.045	7.045	7.7	ng	1761540	1	6.934	4586740	20.0
Indane	7.134	59.0	ng	13529800	1	6.934	4586740	20.0
Indene	7.251	181.2	ng	41555600	1	6.934	4586740	20.0
Benzene, (2-met...	7.545	7.0	ng	1614580	1	6.934	4586740	20.0
Naphthalene, 2,...	9.551	20.2	ng	1308000	3	9.963	1294260	20.0
Naphthalene, 1,...	9.622	24.0	ng	1553770	3	9.963	1294260	20.0
Naphthalene, 2,...	9.745	12.2	ng	792281	3	9.963	1294260	20.0

Raw Data: **BF143522.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-12C-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143522.D	20	08/19/25 09:29	08/21/25 11:18	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	220	UD	85.9	220	ug/L
108-95-2	Phenol	110	UD	20.0	110	ug/L
111-44-4	bis(2-Chloroethyl)ether	110	UD	17.8	110	ug/L
95-57-8	2-Chlorophenol	110	UD	12.7	110	ug/L
95-48-7	2-Methylphenol	110	UD	24.6	110	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	110	UD	28.1	110	ug/L
98-86-2	Acetophenone	110	UD	16.3	110	ug/L
65794-96-9	3+4-Methylphenols	220	UD	24.2	220	ug/L
621-64-7	n-Nitroso-di-n-propylamine	54.9	UD	31.0	54.9	ug/L
67-72-1	Hexachloroethane	110	UD	14.3	110	ug/L
98-95-3	Nitrobenzene	110	UD	16.7	110	ug/L
78-59-1	Isophorone	110	UD	16.5	110	ug/L
88-75-5	2-Nitrophenol	110	UD	38.7	110	ug/L
105-67-9	2,4-Dimethylphenol	110	UD	40.7	110	ug/L
111-91-1	bis(2-Chloroethoxy)methane	110	UD	14.9	110	ug/L
120-83-2	2,4-Dichlorophenol	110	UD	11.4	110	ug/L
91-20-3	Naphthalene	4600	ED	11.0	110	ug/L
106-47-8	4-Chloroaniline	110	UD	18.5	110	ug/L
87-68-3	Hexachlorobutadiene	110	UD	11.9	110	ug/L
105-60-2	Caprolactam	220	UD	24.8	220	ug/L
59-50-7	4-Chloro-3-methylphenol	110	UD	13.0	110	ug/L
91-57-6	2-Methylnaphthalene	550	D	12.3	110	ug/L
77-47-4	Hexachlorocyclopentadiene	220	UD	79.8	220	ug/L
88-06-2	2,4,6-Trichlorophenol	110	UD	11.2	110	ug/L
95-95-4	2,4,5-Trichlorophenol	110	UD	13.6	110	ug/L
92-52-4	1,1-Biphenyl	110	UD	11.6	110	ug/L
91-58-7	2-Chloronaphthalene	110	UD	13.4	110	ug/L
88-74-4	2-Nitroaniline	110	UD	27.7	110	ug/L
131-11-3	Dimethylphthalate	110	UD	13.4	110	ug/L

Raw Data: **BF143522.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-12C-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143522.D	20	08/19/25 09:29	08/21/25 11:18	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	200	D	16.5	110	ug/L
606-20-2	2,6-Dinitrotoluene	110	UD	20.2	110	ug/L
99-09-2	3-Nitroaniline	110	UD	23.1	110	ug/L
83-32-9	Acenaphthene	110	UD	12.1	110	ug/L
51-28-5	2,4-Dinitrophenol	220	UD	130	220	ug/L
100-02-7	4-Nitrophenol	220	UD	52.3	220	ug/L
132-64-9	Dibenzofuran	110	UD	13.4	110	ug/L
121-14-2	2,4-Dinitrotoluene	110	UD	26.8	110	ug/L
84-66-2	Diethylphthalate	110	UD	15.2	110	ug/L
7005-72-3	4-Chlorophenyl-phenylether	110	UD	14.9	110	ug/L
86-73-7	Fluorene	110	UD	13.8	110	ug/L
100-01-6	4-Nitroaniline	110	UD	33.0	110	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	220	UD	63.3	220	ug/L
86-30-6	n-Nitrosodiphenylamine	110	UD	12.7	110	ug/L
101-55-3	4-Bromophenyl-phenylether	110	UD	8.80	110	ug/L
118-74-1	Hexachlorobenzene	110	UD	11.4	110	ug/L
1912-24-9	Atrazine	110	UD	22.2	110	ug/L
87-86-5	Pentachlorophenol	220	UD	34.7	220	ug/L
85-01-8	Phenanthrene	110	UD	11.0	110	ug/L
120-12-7	Anthracene	110	UD	13.4	110	ug/L
86-74-8	Carbazole	110	UD	15.8	110	ug/L
84-74-2	Di-n-butylphthalate	110	UD	26.8	110	ug/L
206-44-0	Fluoranthene	110	UD	18.0	110	ug/L
129-00-0	Pyrene	110	UD	11.0	110	ug/L
85-68-7	Butylbenzylphthalate	110	UDQ	42.4	110	ug/L
91-94-1	3,3-Dichlorobenzidine	220	UDQ	20.4	220	ug/L
56-55-3	Benzo(a)anthracene	110	UD	9.90	110	ug/L
218-01-9	Chrysene	110	UD	9.70	110	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	110	UD	35.2	110	ug/L
117-84-0	Di-n-octyl phthalate	220	UD	51.4	220	ug/L
205-99-2	Benzo(b)fluoranthene	110	UD	10.8	110	ug/L

Raw Data: **BF143522.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-12C-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143522.D	20	08/19/25 09:29	08/21/25 11:18	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	110	UD	10.5	110	ug/L
50-32-8	Benzo(a)pyrene	110	UD	12.1	110	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	110	UD	13.0	110	ug/L
53-70-3	Dibenzo(a,h)anthracene	110	UD	14.7	110	ug/L
191-24-2	Benzo(g,h,i)perylene	110	UD	15.2	110	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	110	UD	11.4	110	ug/L
123-91-1	1,4-Dioxane	110	UD	22.0	110	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	110	UD	15.8	110	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	51.2		23 - 138	34%	SPK: 150
13127-88-3	Phenol-d6	37.2		10 - 134	25%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.4		67 - 132	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.9		52 - 132	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	98.2		44 - 137	65%	SPK: 150
1718-51-0	Terphenyl-d14	80.9		42 - 152	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	110000	6.928			
1146-65-2	Naphthalene-d8	414000	8.21			
15067-26-2	Acenaphthene-d10	236000	9.963			
1517-22-2	Phenanthrene-d10	348000	11.451			
1719-03-5	Chrysene-d12	223000	14.092			
1520-96-3	Perylene-d12	252000	15.592			

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\BF082125\
Data File : BF143522.D
Acq On : 21 Aug 2025 11:18
Operator : RC/JU
Sample : Q2900-02DL 20X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL

Quant Time: Aug 21 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

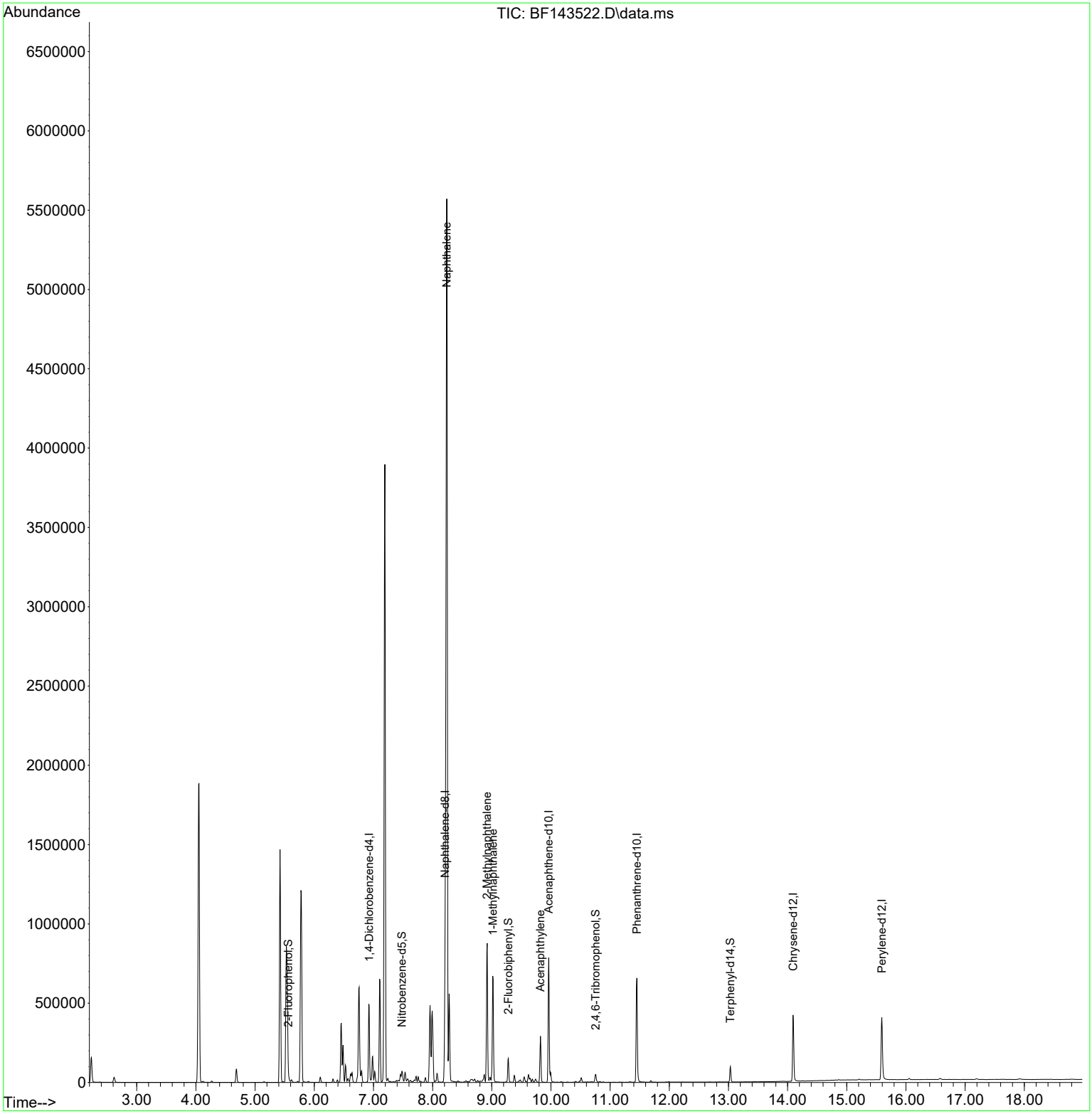
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	109819	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	413990	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	236192	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	347629	20.000	ng	0.00
76) Chrysene-d12	14.092	240	223408	20.000	ng	-0.01
86) Perylene-d12	15.592	264	252278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	16113	2.562	ng	0.00
7) Phenol-d6	6.569	99	14446	1.861	ng	0.00
23) Nitrobenzene-d5	7.481	82	29922	4.218	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	10797	4.911	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	69937	4.894	ng	0.00
79) Terphenyl-d14	13.033	244	51787	4.045	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.239	128	4184482	210.533	ng	97
37) 2-Methylnaphthalene	8.922	142	334236	25.178	ng	99
38) 1-Methylnaphthalene	9.022	142	255861	20.150	ng	100
49) Acenaphthylene	9.822	152	167816	8.910	ng	99

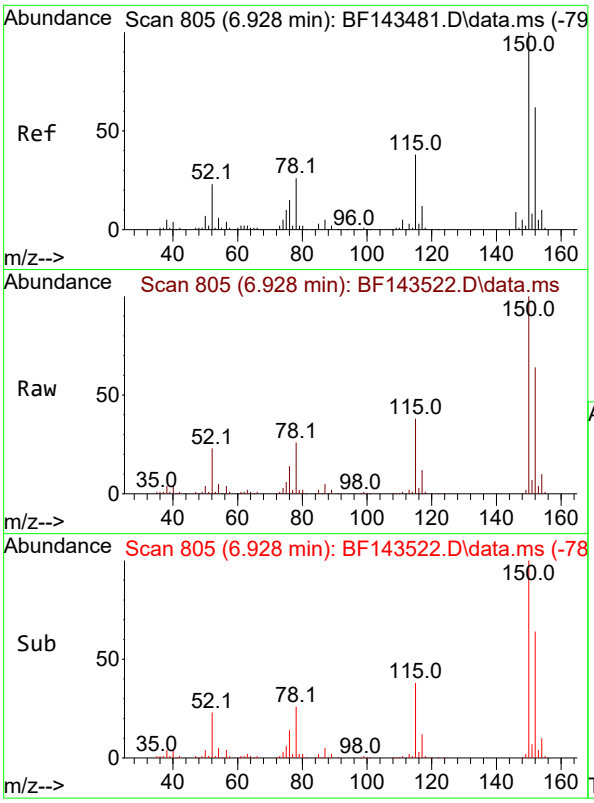
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143522.D
Acq On : 21 Aug 2025 11:18
Operator : RC/JU
Sample : Q2900-02DL 20X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL

Quant Time: Aug 21 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration



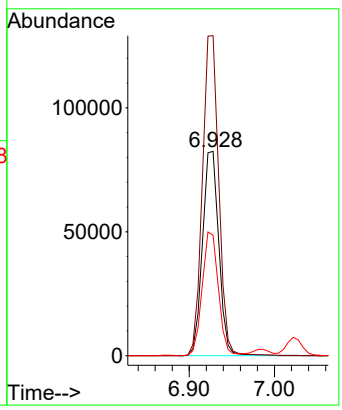


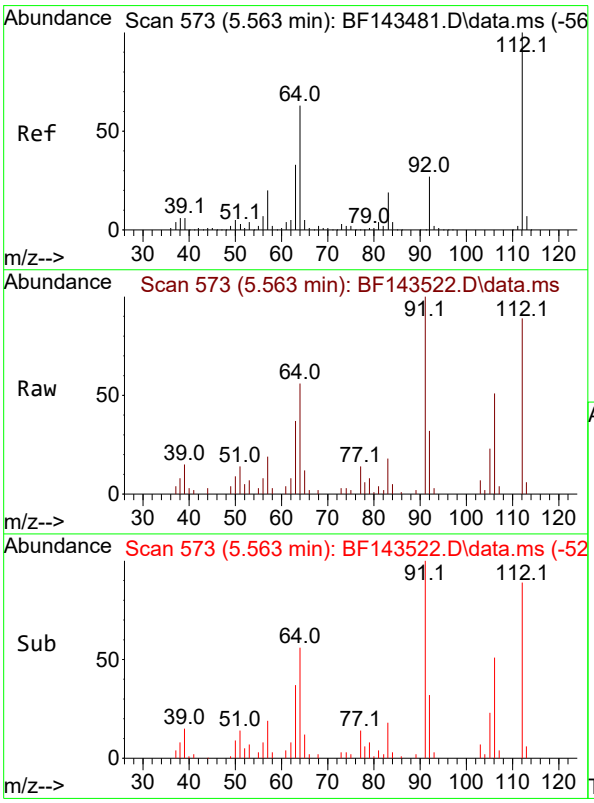
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL

Tgt Ion:152 Resp: 109819

Ion	Ratio	Lower	Upper
152	100		
150	156.6	128.9	193.3
115	59.0	49.2	73.8

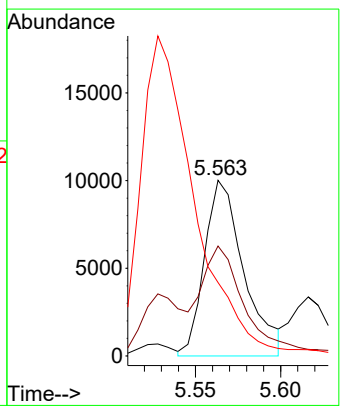


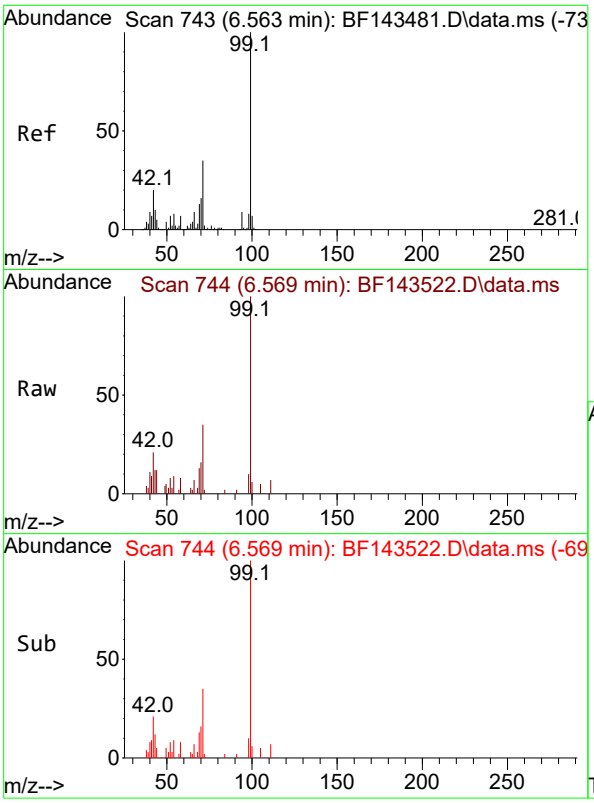


#5
2-Fluorophenol
Concen: 2.562 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Tgt Ion:112 Resp: 16113

Ion	Ratio	Lower	Upper
112	100		
64	62.6	50.4	75.6
63	41.8	26.4	39.6#



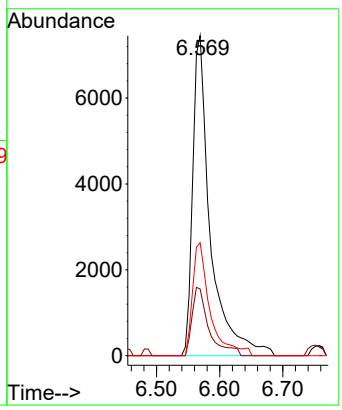


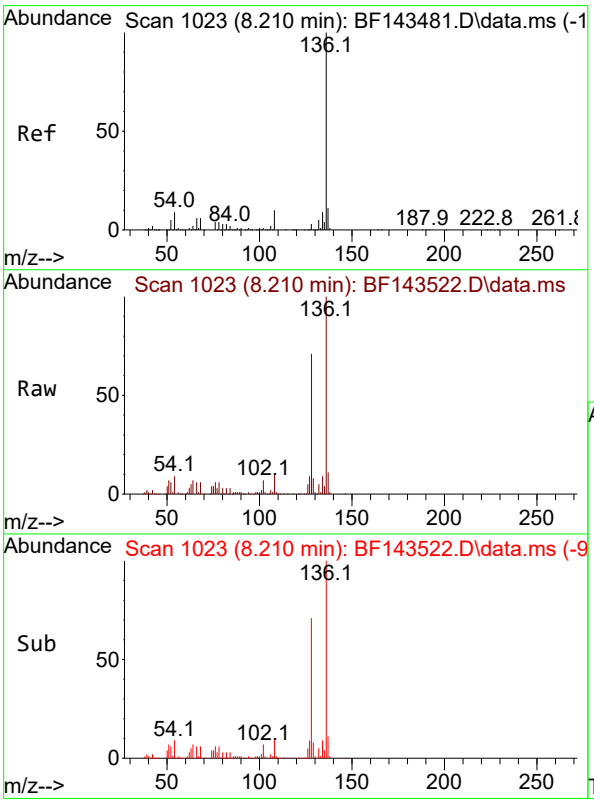
#7
Phenol-d6
Concen: 1.861 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL

Tgt Ion: 99 Resp: 14446

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.3	24.5
71	35.3	28.2	42.2

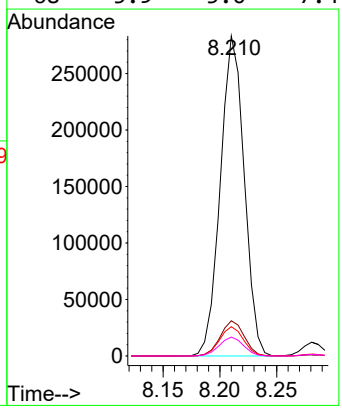


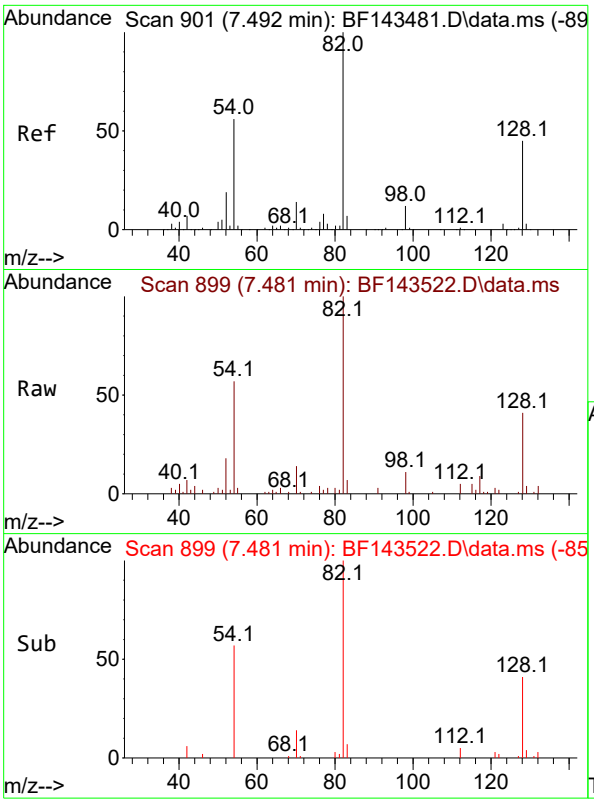


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Tgt Ion:136 Resp: 413990

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.2	7.4	11.2
68	5.9	5.0	7.4



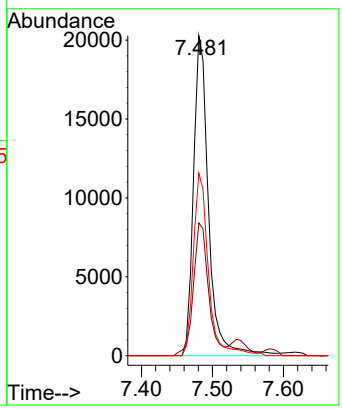


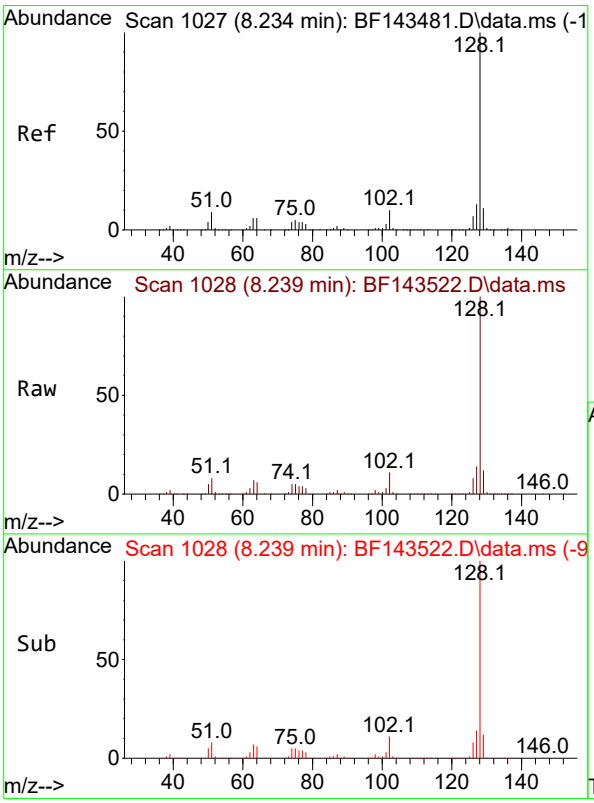
#23
Nitrobenzene-d5
Concen: 4.218 ng
RT: 7.481 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL

Tgt Ion: 82 Resp: 29922

Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.5	53.3
54	57.1	44.3	66.5

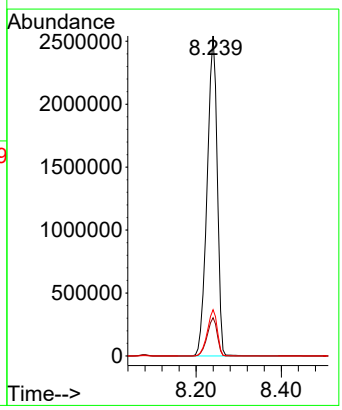


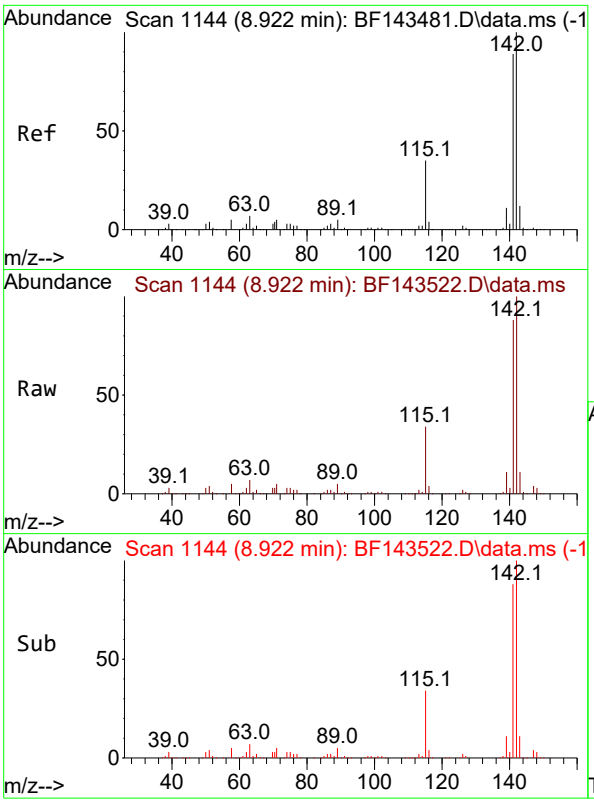


#31
Naphthalene
Concen: 210.533 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Tgt Ion:128 Resp: 4184482

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	14.5	10.6	16.0



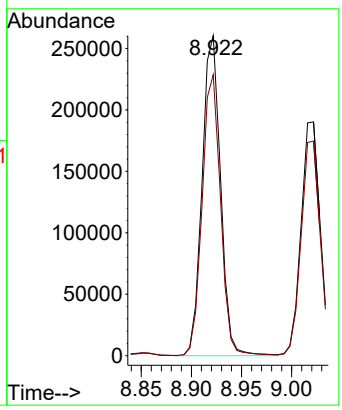


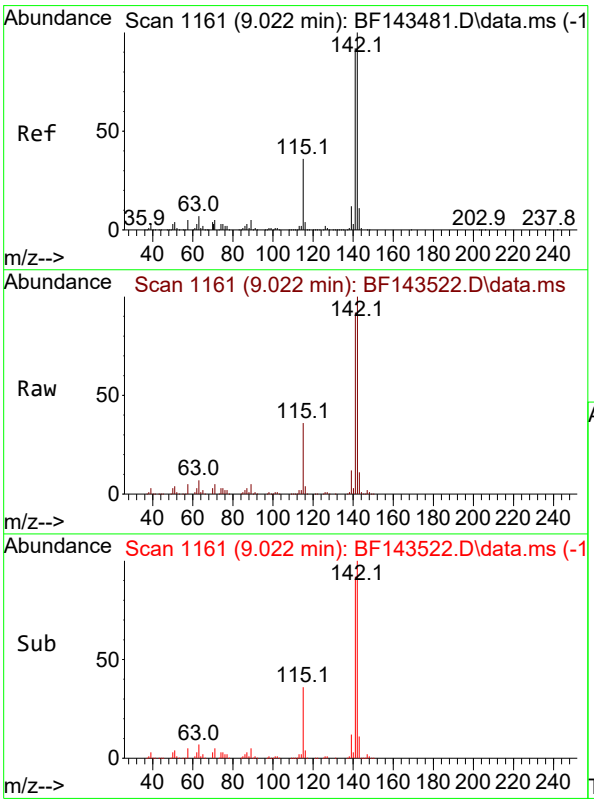
#37
2-Methylnaphthalene
Concen: 25.178 ng
RT: 8.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL

Tgt Ion:142 Resp: 334236

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.4

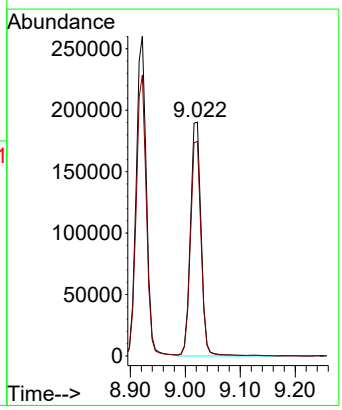


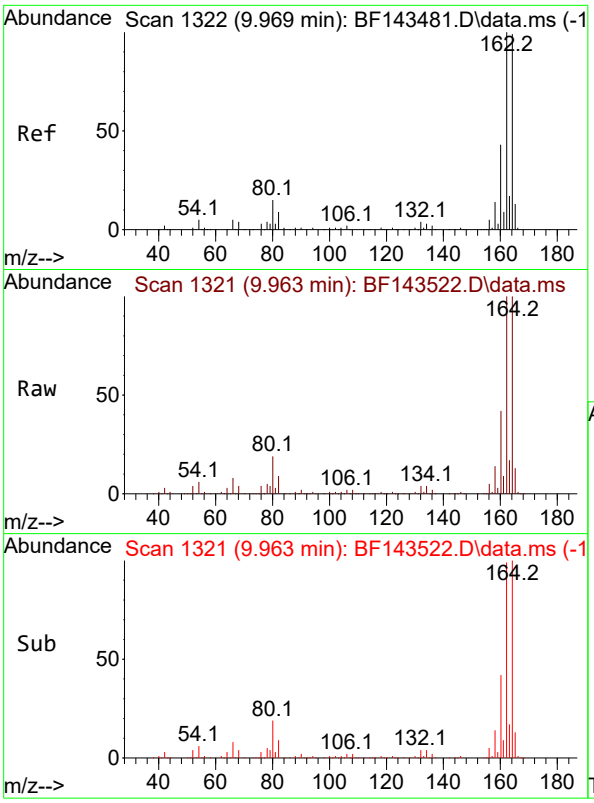


#38
1-Methylnaphthalene
Concen: 20.150 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Tgt Ion:142 Resp: 255861

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.3	109.9



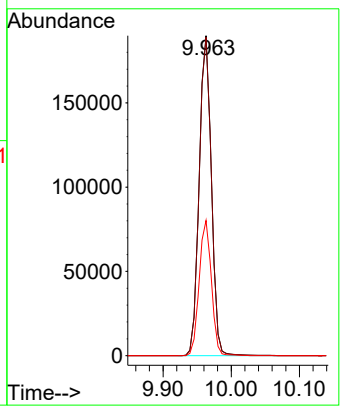


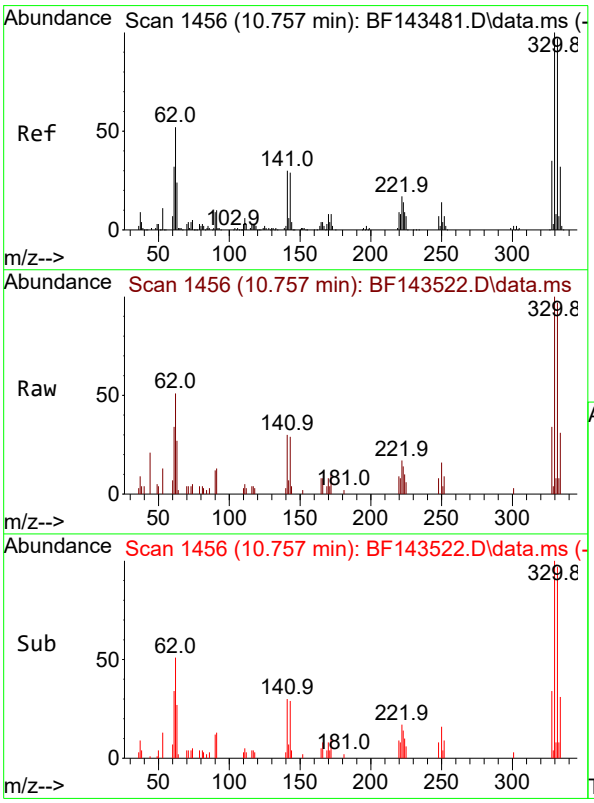
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL

Tgt Ion:164 Resp: 236192

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.5	120.7
160	42.3	34.3	51.5

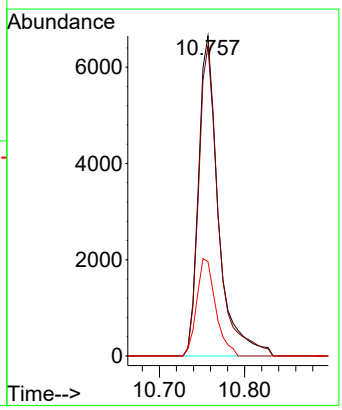


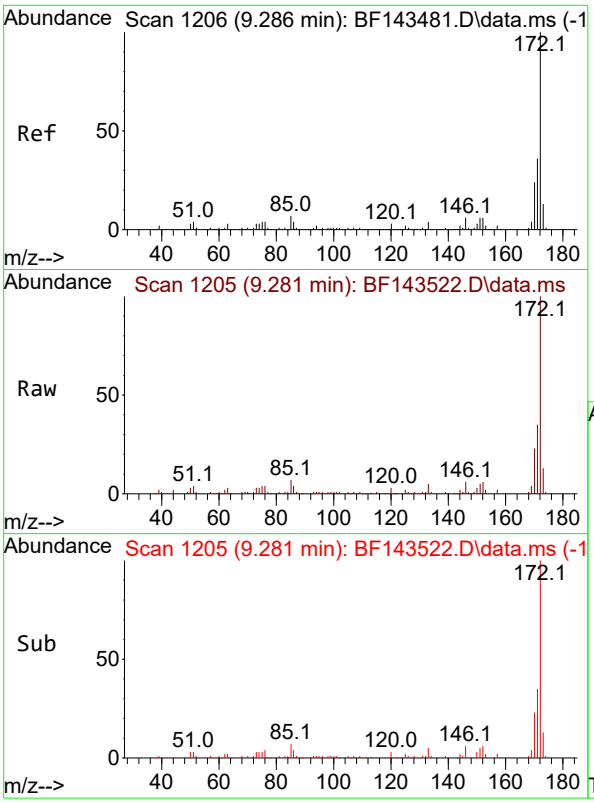


#42
2,4,6-Tribromophenol
Concen: 4.911 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Tgt Ion:330 Resp: 10797

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	29.0	23.7	35.5



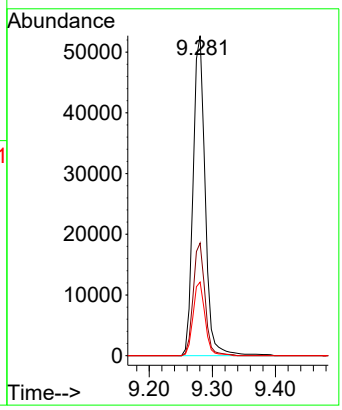


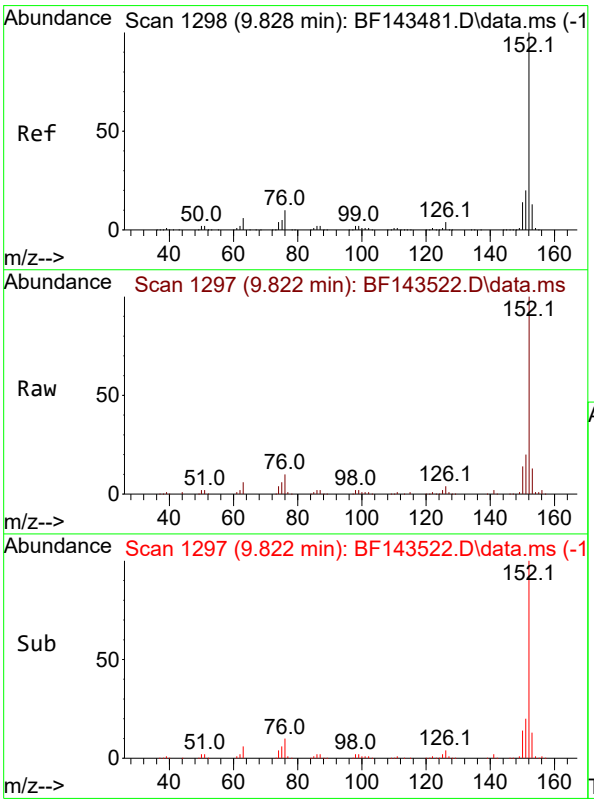
#45
2-Fluorobiphenyl
Concen: 4.894 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL

Tgt Ion:172 Resp: 69937

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.8	43.2
170	23.0	18.8	28.2

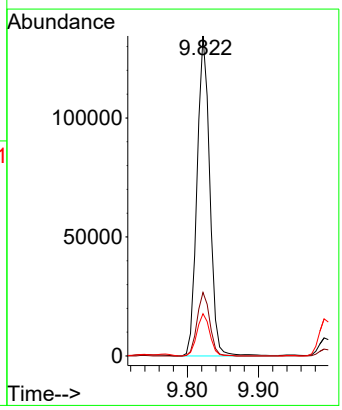


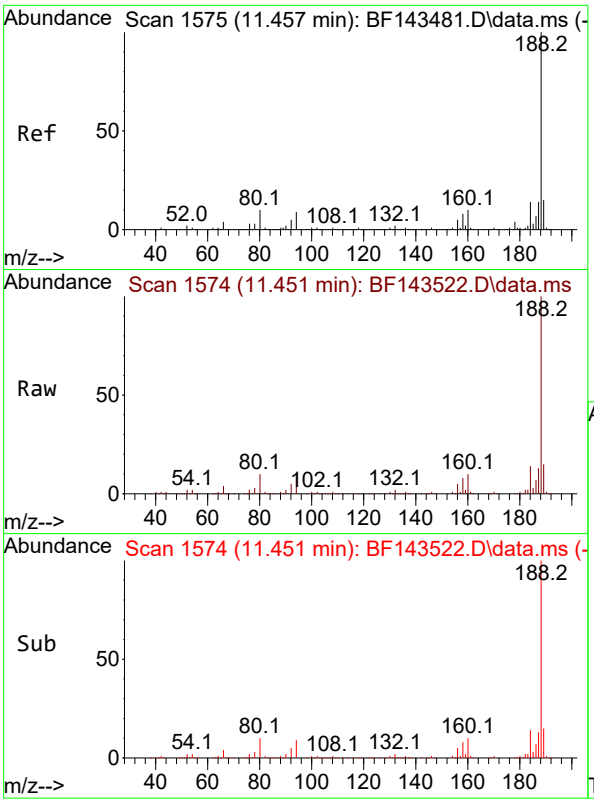


#49
Acenaphthylene
Concen: 8.910 ng
RT: 9.822 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Tgt Ion:152 Resp: 167816

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	13.2	10.6	15.8



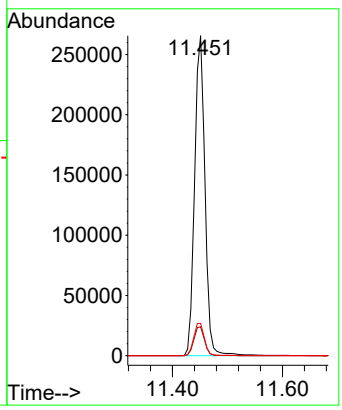


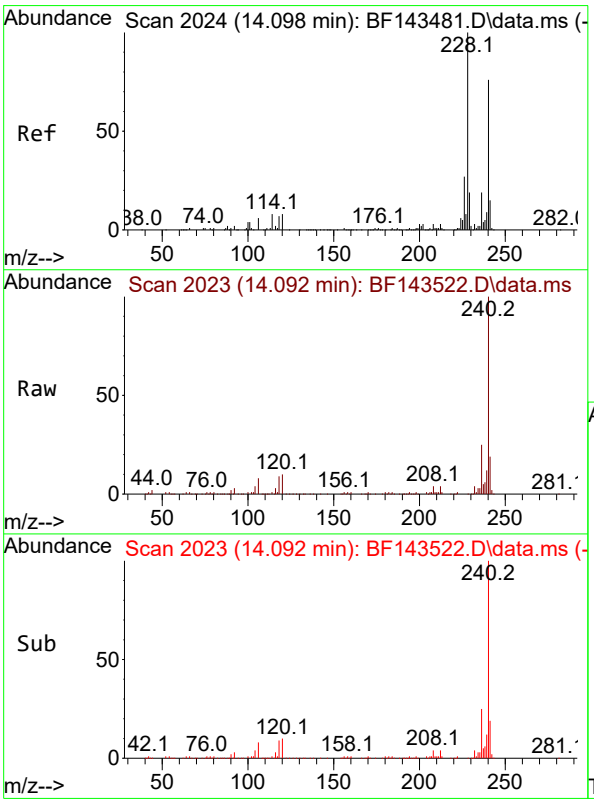
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL

Tgt Ion:188 Resp: 347629

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	10.1	8.2	12.4

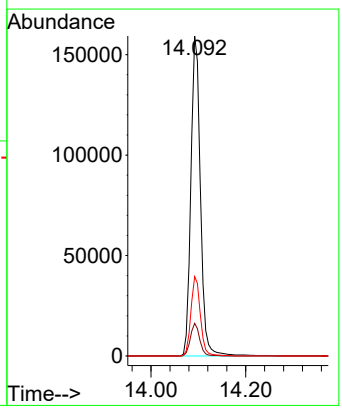


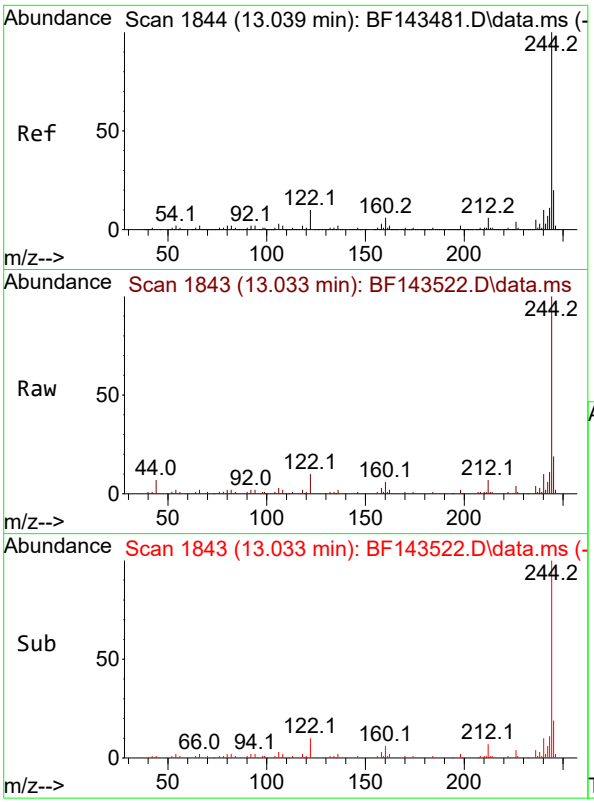


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Tgt Ion:240 Resp: 223408

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.6	12.8
236	24.8	20.4	30.6



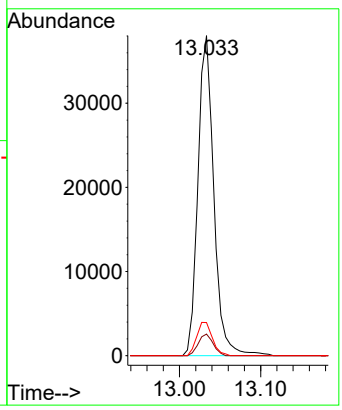


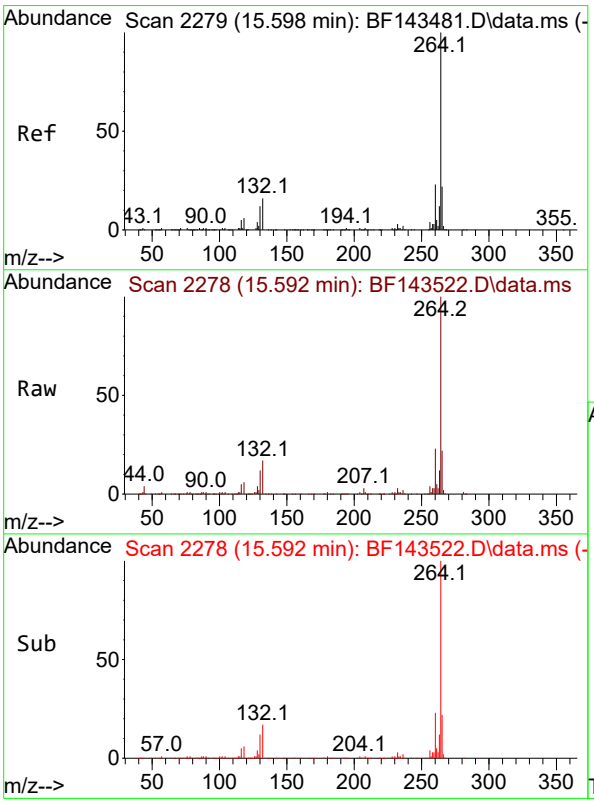
#79
Terphenyl-d14
Concen: 4.045 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL

Tgt Ion:244 Resp: 51787

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	10.4	7.9	11.9

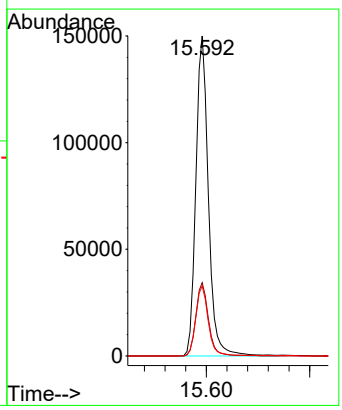




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Tgt Ion:264 Resp: 252278

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.9	17.6	26.4



Raw Data: **BF143527.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-12C-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143527.D	100	08/19/25 09:29	08/21/25 13:44	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	1100	UD	430	1100	ug/L
108-95-2	Phenol	550	UD	100	550	ug/L
111-44-4	bis(2-Chloroethyl)ether	550	UD	89.0	550	ug/L
95-57-8	2-Chlorophenol	550	UD	63.7	550	ug/L
95-48-7	2-Methylphenol	550	UD	120	550	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	550	UD	140	550	ug/L
98-86-2	Acetophenone	550	UD	81.3	550	ug/L
65794-96-9	3+4-Methylphenols	1100	UD	120	1100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	270	UD	150	270	ug/L
67-72-1	Hexachloroethane	550	UD	71.4	550	ug/L
98-95-3	Nitrobenzene	550	UD	83.5	550	ug/L
78-59-1	Isophorone	550	UD	82.4	550	ug/L
88-75-5	2-Nitrophenol	550	UD	190	550	ug/L
105-67-9	2,4-Dimethylphenol	550	UD	200	550	ug/L
111-91-1	bis(2-Chloroethoxy)methane	550	UD	74.7	550	ug/L
120-83-2	2,4-Dichlorophenol	550	UD	57.1	550	ug/L
91-20-3	Naphthalene	8000	D	54.9	550	ug/L
106-47-8	4-Chloroaniline	550	UD	92.3	550	ug/L
87-68-3	Hexachlorobutadiene	550	UD	59.3	550	ug/L
105-60-2	Caprolactam	1100	UD	120	1100	ug/L
59-50-7	4-Chloro-3-methylphenol	550	UD	64.8	550	ug/L
91-57-6	2-Methylnaphthalene	690	D	61.5	550	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	UD	400	1100	ug/L
88-06-2	2,4,6-Trichlorophenol	550	UD	56.0	550	ug/L
95-95-4	2,4,5-Trichlorophenol	550	UD	68.1	550	ug/L
92-52-4	1,1-Biphenyl	550	UD	58.2	550	ug/L
91-58-7	2-Chloronaphthalene	550	UD	67.0	550	ug/L
88-74-4	2-Nitroaniline	550	UD	140	550	ug/L
131-11-3	Dimethylphthalate	550	UD	67.0	550	ug/L

Raw Data: **BF143527.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-12C-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143527.D	100	08/19/25 09:29	08/21/25 13:44	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	240	JD	82.4	550	ug/L
606-20-2	2,6-Dinitrotoluene	550	UD	100	550	ug/L
99-09-2	3-Nitroaniline	550	UD	120	550	ug/L
83-32-9	Acenaphthene	550	UD	60.4	550	ug/L
51-28-5	2,4-Dinitrophenol	1100	UD	660	1100	ug/L
100-02-7	4-Nitrophenol	1100	UD	260	1100	ug/L
132-64-9	Dibenzofuran	550	UD	67.0	550	ug/L
121-14-2	2,4-Dinitrotoluene	550	UD	130	550	ug/L
84-66-2	Diethylphthalate	550	UD	75.8	550	ug/L
7005-72-3	4-Chlorophenyl-phenylether	550	UD	74.7	550	ug/L
86-73-7	Fluorene	550	UD	69.2	550	ug/L
100-01-6	4-Nitroaniline	550	UD	160	550	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1100	UD	320	1100	ug/L
86-30-6	n-Nitrosodiphenylamine	550	UD	63.7	550	ug/L
101-55-3	4-Bromophenyl-phenylether	550	UD	44.0	550	ug/L
118-74-1	Hexachlorobenzene	550	UD	57.1	550	ug/L
1912-24-9	Atrazine	550	UD	110	550	ug/L
87-86-5	Pentachlorophenol	1100	UD	170	1100	ug/L
85-01-8	Phenanthrene	550	UD	54.9	550	ug/L
120-12-7	Anthracene	550	UD	67.0	550	ug/L
86-74-8	Carbazole	550	UD	79.1	550	ug/L
84-74-2	Di-n-butylphthalate	550	UD	130	550	ug/L
206-44-0	Fluoranthene	550	UD	90.1	550	ug/L
129-00-0	Pyrene	550	UD	54.9	550	ug/L
85-68-7	Butylbenzylphthalate	550	UDQ	210	550	ug/L
91-94-1	3,3-Dichlorobenzidine	1100	UDQ	100	1100	ug/L
56-55-3	Benzo(a)anthracene	550	UD	49.5	550	ug/L
218-01-9	Chrysene	550	UD	48.4	550	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	550	UD	180	550	ug/L
117-84-0	Di-n-octyl phthalate	1100	UD	260	1100	ug/L
205-99-2	Benzo(b)fluoranthene	550	UD	53.8	550	ug/L

Raw Data: **BF143527.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-12C-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143527.D	100	08/19/25 09:29	08/21/25 13:44	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	550	UD	52.7	550	ug/L
50-32-8	Benzo(a)pyrene	550	UD	60.4	550	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	550	UD	64.8	550	ug/L
53-70-3	Dibenzo(a,h)anthracene	550	UD	73.6	550	ug/L
191-24-2	Benzo(g,h,i)perylene	550	UD	75.8	550	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	550	UD	57.1	550	ug/L
123-91-1	1,4-Dioxane	550	UD	110	550	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	550	UD	79.1	550	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	46.4		23 - 138	31%	SPK: 150
13127-88-3	Phenol-d6	42.2		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.9		67 - 132	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	133	*	52 - 132	133%	SPK: 100
118-79-6	2,4,6-Tribromophenol	74.4		44 - 137	50%	SPK: 150
1718-51-0	Terphenyl-d14	96.7		42 - 152	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	101000	6.928			
1146-65-2	Naphthalene-d8	382000	8.21			
15067-26-2	Acenaphthene-d10	199000	9.963			
1517-22-2	Phenanthrene-d10	282000	11.451			
1719-03-5	Chrysene-d12	192000	14.098			
1520-96-3	Perylene-d12	235000	15.598			

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\BF082125\
Data File : BF143527.D
Acq On : 21 Aug 2025 13:44
Operator : RC/JU
Sample : Q2900-02DL2 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL2

Quant Time: Aug 21 14:44:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	101103	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	381650	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	199099	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	282280	20.000	ng	0.00
76) Chrysene-d12	14.098	240	191729	20.000	ng	0.00
86) Perylene-d12	15.598	264	235106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2689	0.464	ng	0.02
7) Phenol-d6	6.587	99	3013	0.422	ng	0.01
23) Nitrobenzene-d5	7.492	82	6010	0.919	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	1378	0.744	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	16056	1.333	ng	0.00
79) Terphenyl-d14	13.039	244	10620	0.967	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.234	128	1338027	73.024	ng	99
37) 2-Methylnaphthalene	8.922	142	76664	6.265	ng	98
38) 1-Methylnaphthalene	9.022	142	57405	4.904	ng	99
49) Acenaphthylene	9.822	152	34748	2.189	ng	99

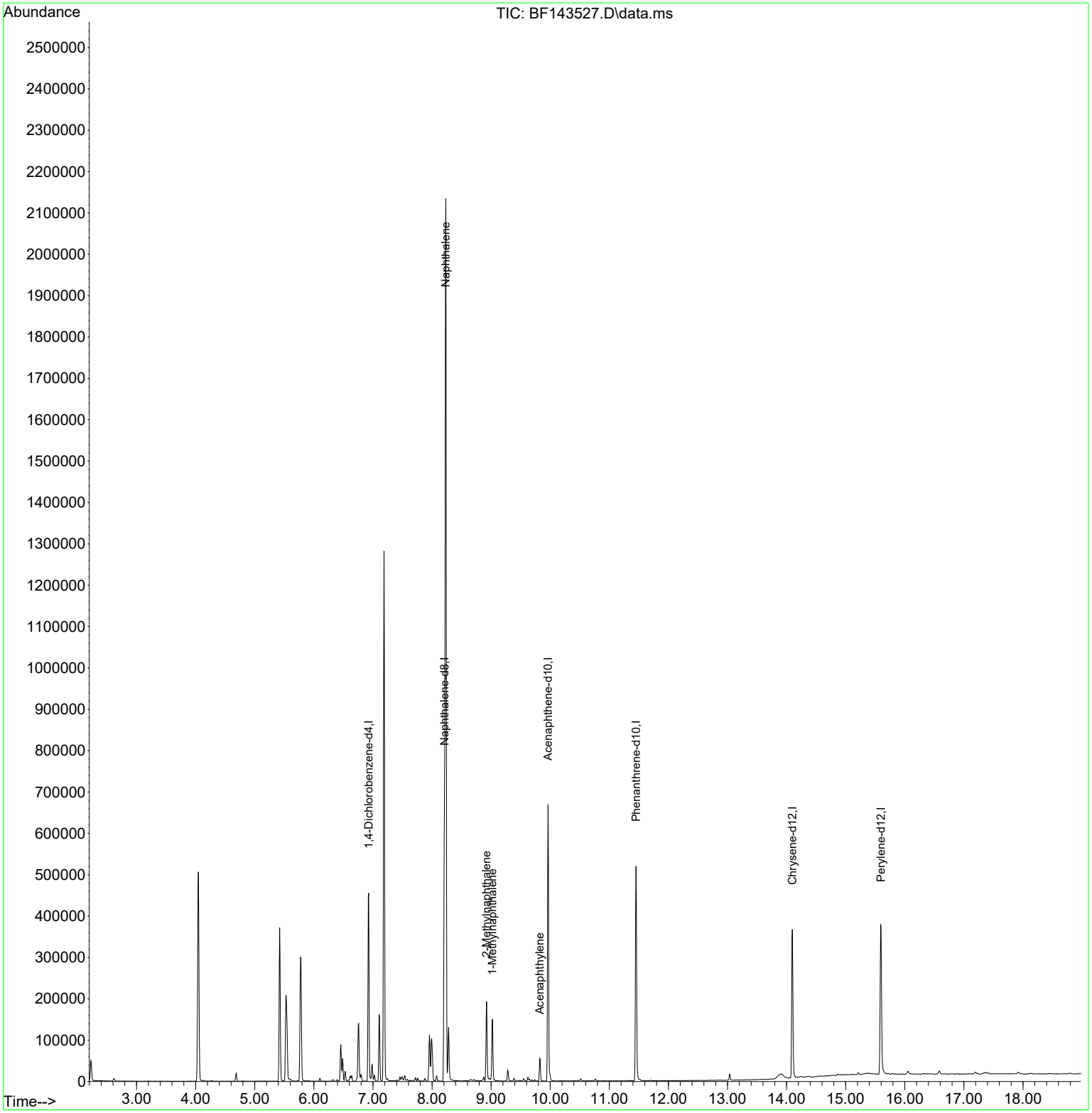
(#) = qualifier out of range (m) = manual integration (+) = signals summed

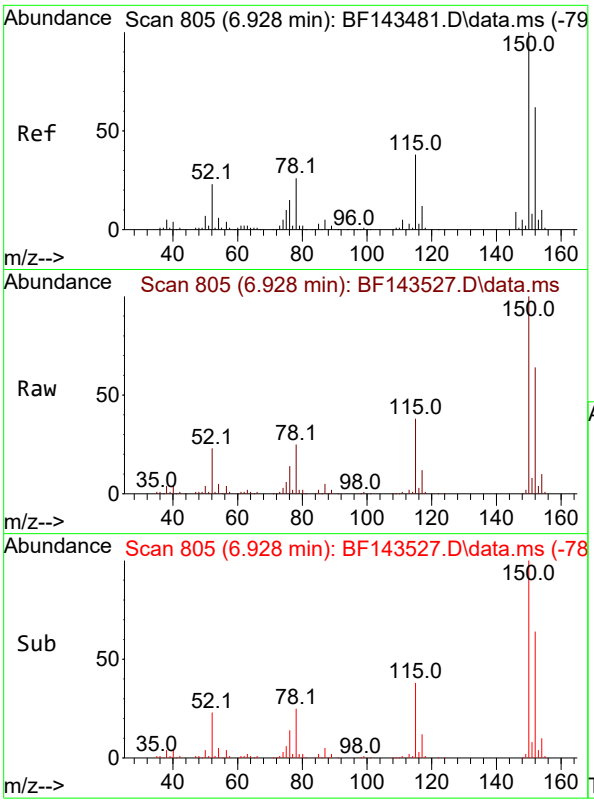
Sample Results: **BF143527.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143527.D
Acq On : 21 Aug 2025 13:44
Operator : RC/JU
Sample : Q2900-02DL2 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL2

Quant Time: Aug 21 14:44:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration



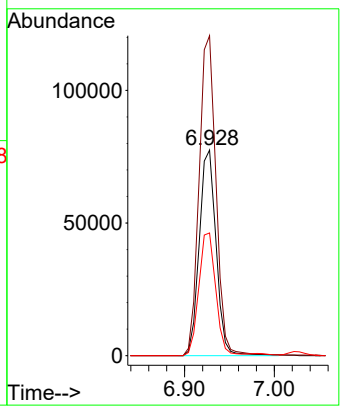


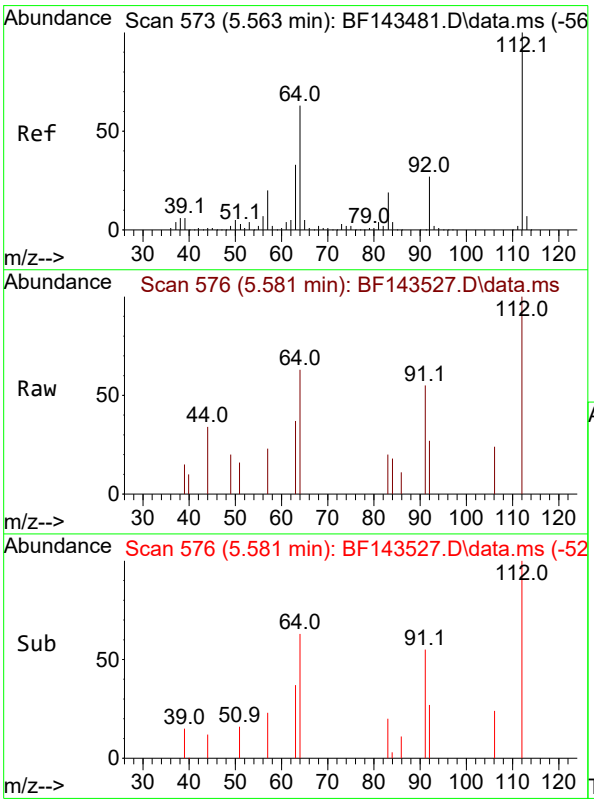
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143527.D
Acq: 21 Aug 2025 13:44

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL2

Tgt Ion:152 Resp: 101103

Ion	Ratio	Lower	Upper
152	100		
150	155.6	128.9	193.3
115	59.7	49.2	73.8

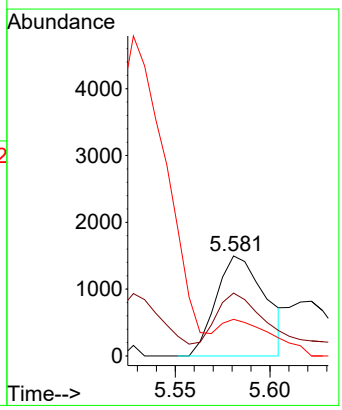


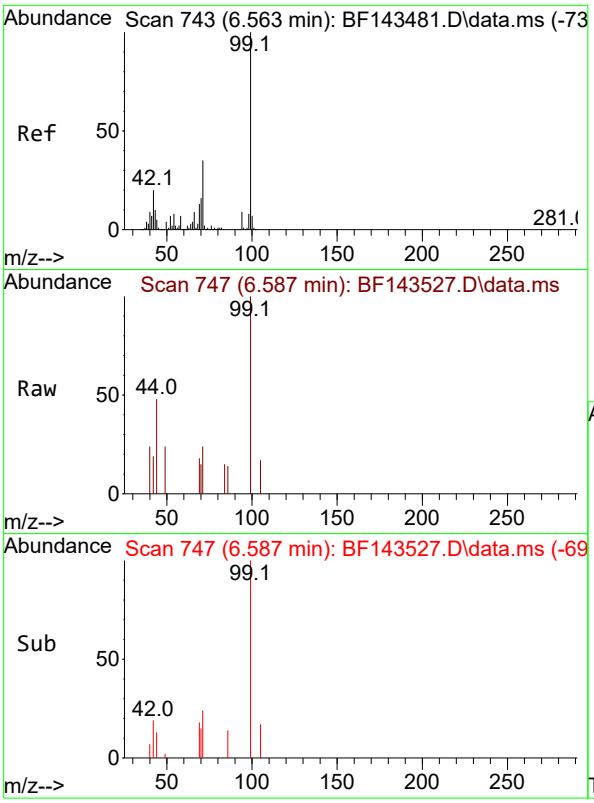


#5
2-Fluorophenol
Concen: 0.464 ng
RT: 5.581 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF143527.D
Acq: 21 Aug 2025 13:44

Tgt Ion:112 Resp: 2689

Ion	Ratio	Lower	Upper
112	100		
64	62.9	50.4	75.6
63	36.7	26.4	39.6



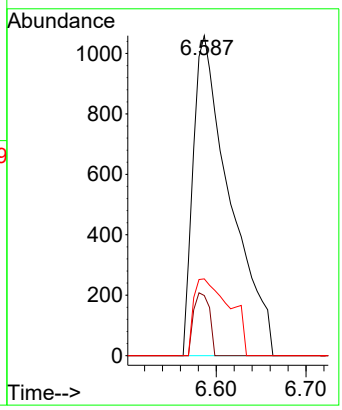


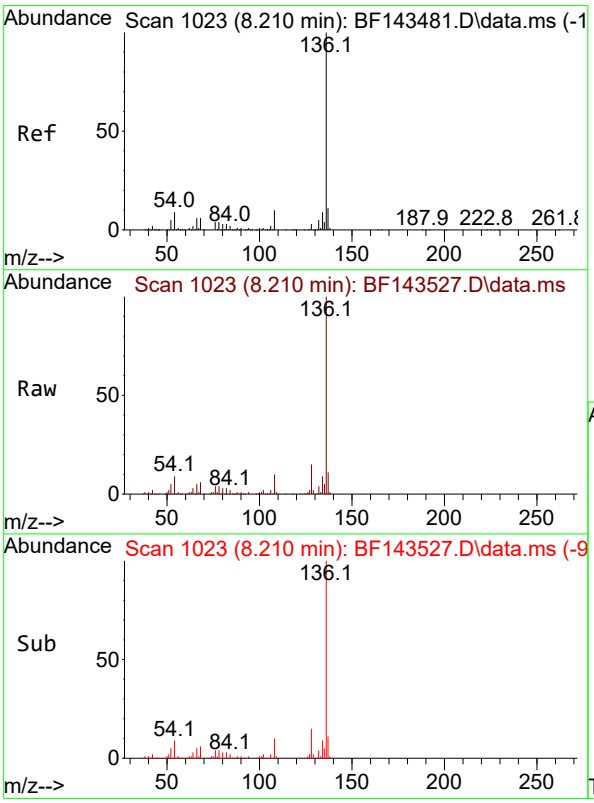
#7
Phenol-d6
Concen: 0.422 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF143527.D
Acq: 21 Aug 2025 13:44

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL2

Tgt Ion: 99 Resp: 3013

Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.3	24.5
71	24.0	28.2	42.2#

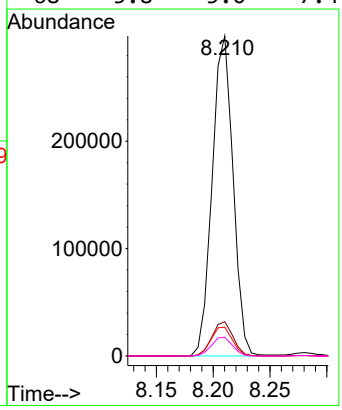


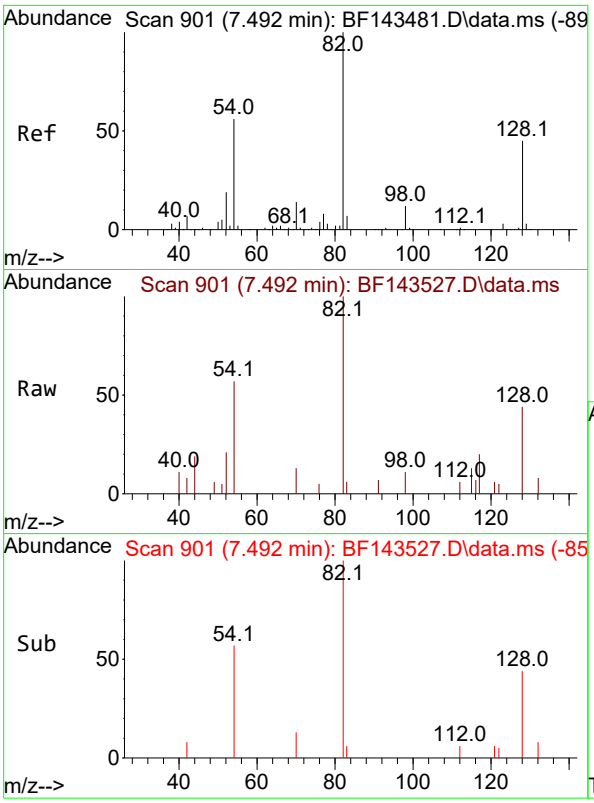


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143527.D
Acq: 21 Aug 2025 13:44

Tgt Ion:136 Resp: 381650

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	9.0	7.4	11.2
68	5.8	5.0	7.4



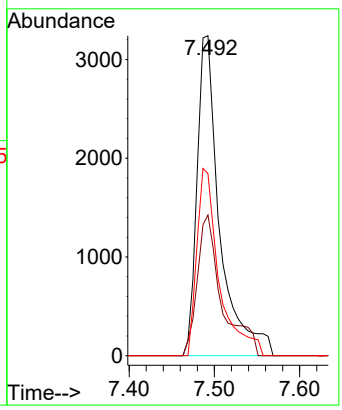


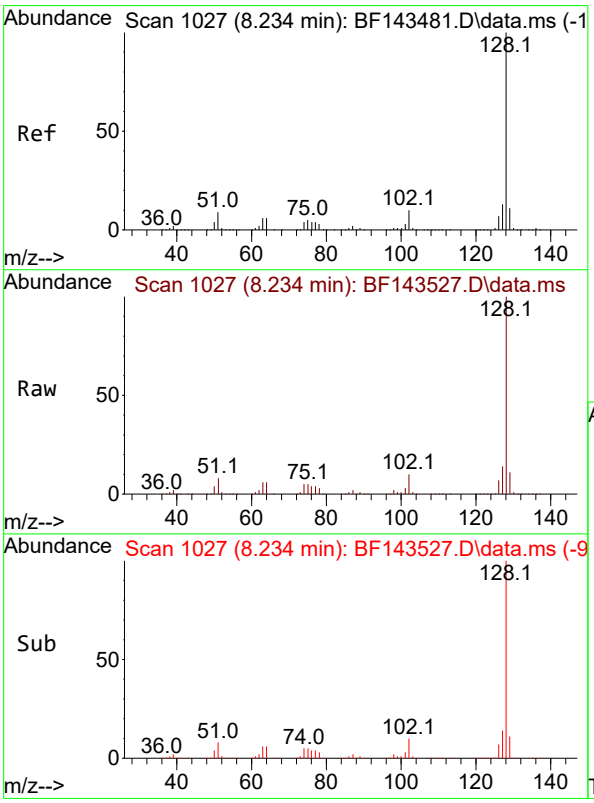
#23
Nitrobenzene-d5
Concen: 0.919 ng
RT: 7.492 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143527.D
Acq: 21 Aug 2025 13:44

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL2

Tgt Ion: 82 Resp: 6010

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.5	53.3
54	56.9	44.3	66.5

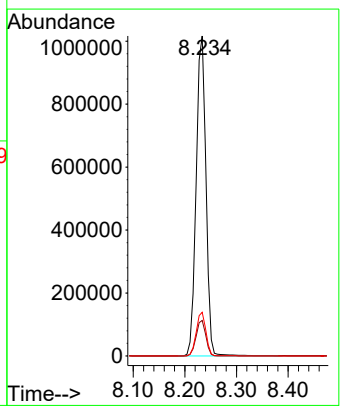


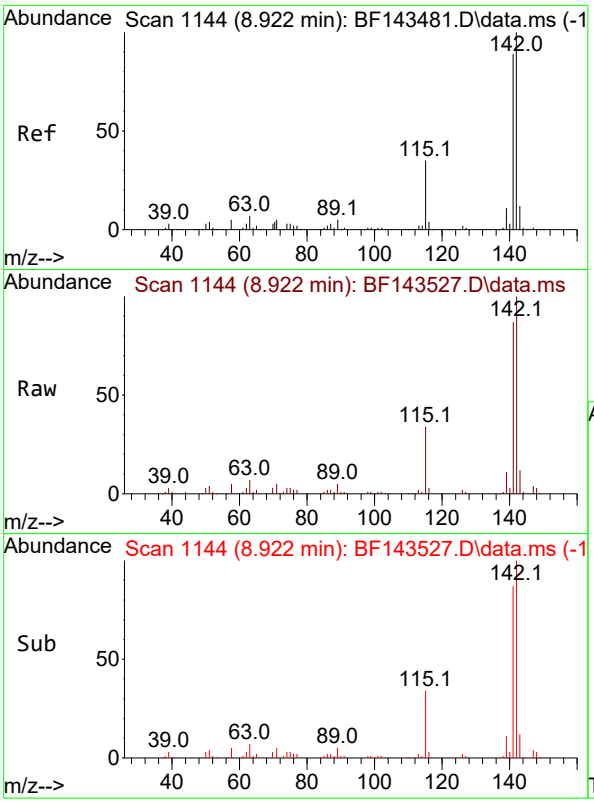


#31
Naphthalene
Concen: 73.024 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143527.D
Acq: 21 Aug 2025 13:44

Tgt Ion:128 Resp: 1338027

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.6	10.6	16.0



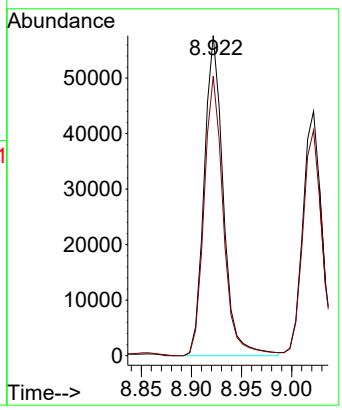


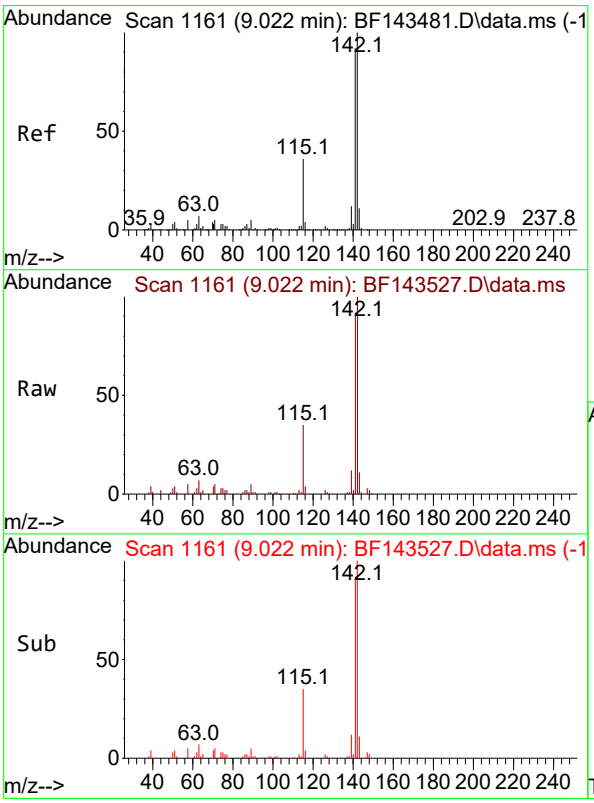
#37
2-Methylnaphthalene
Concen: 6.265 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143527.D
Acq: 21 Aug 2025 13:44

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL2

Tgt Ion:142 Resp: 76664

Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.0	106.4

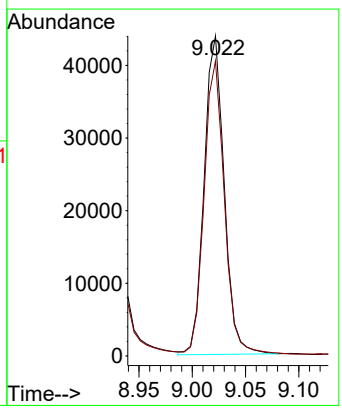


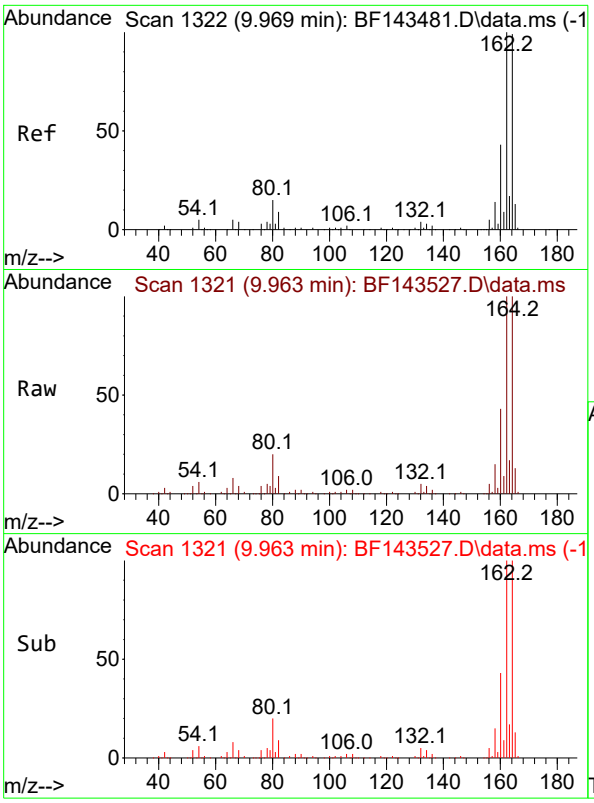


#38
1-Methylnaphthalene
Concen: 4.904 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143527.D
Acq: 21 Aug 2025 13:44

Tgt Ion:142 Resp: 57405

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.3	109.9



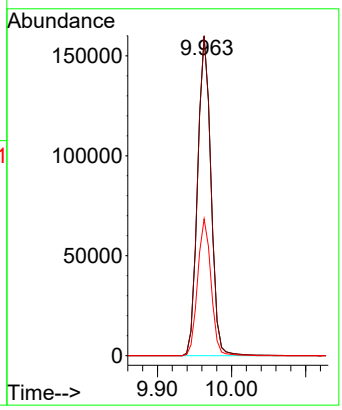


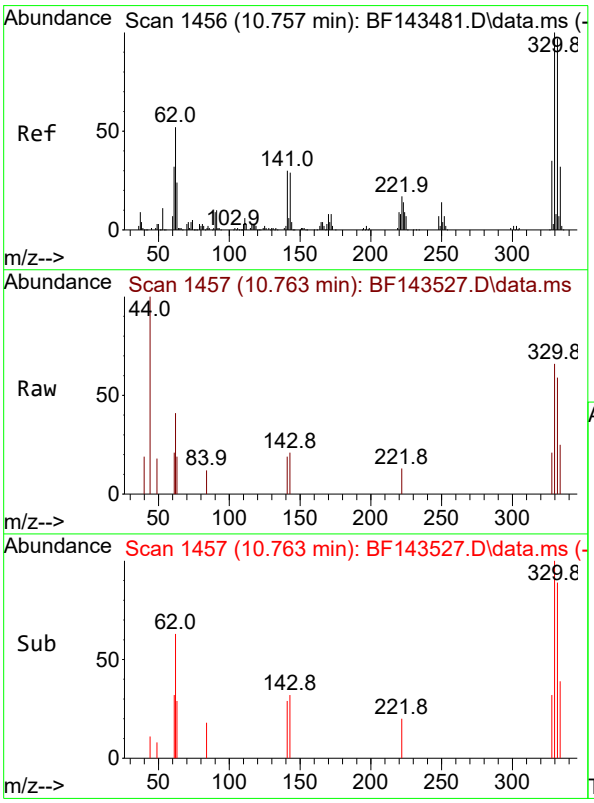
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143527.D
Acq: 21 Aug 2025 13:44

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL2

Tgt Ion:164 Resp: 199099

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.5	120.7
160	42.9	34.3	51.5

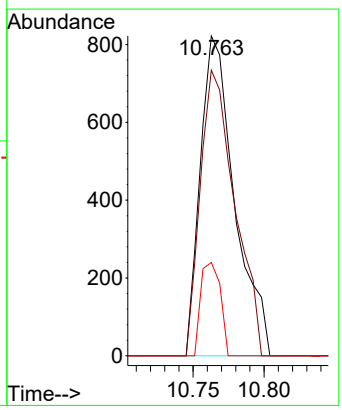


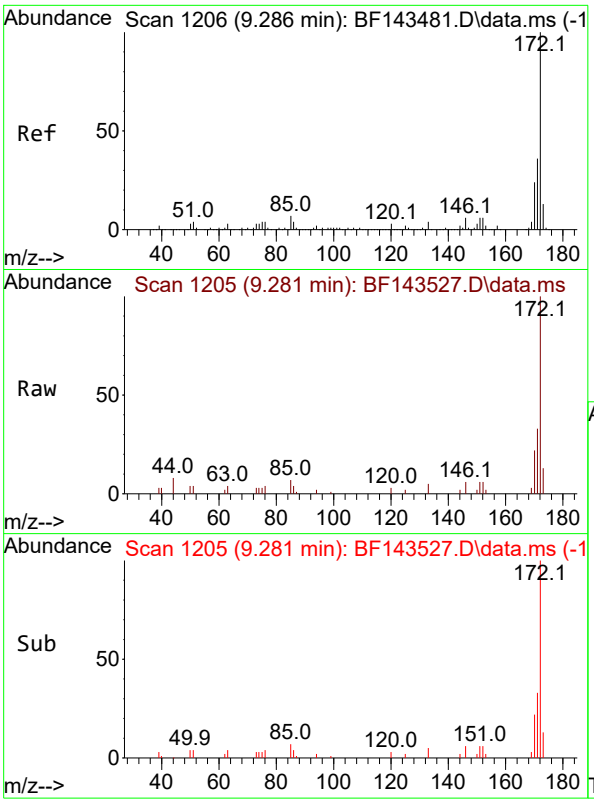


#42
2,4,6-Tribromophenol
Concen: 0.744 ng
RT: 10.763 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF143527.D
Acq: 21 Aug 2025 13:44

Tgt Ion:330 Resp: 1378

Ion	Ratio	Lower	Upper
330	100		
332	89.8	78.0	117.0
141	16.7	23.7	35.5#



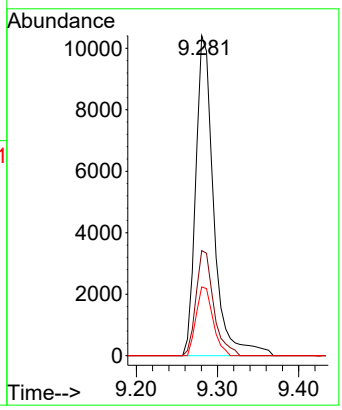


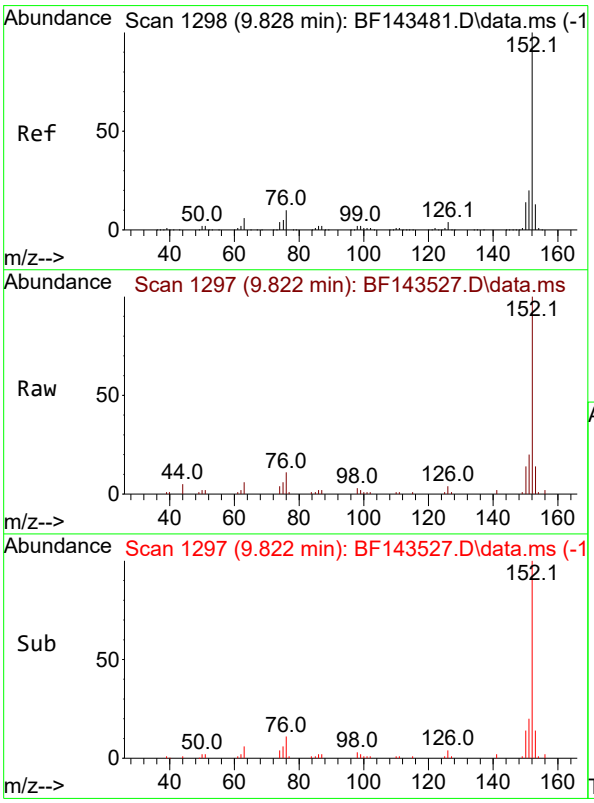
#45
2-Fluorobiphenyl
Concen: 1.333 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143527.D
Acq: 21 Aug 2025 13:44

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL2

Tgt Ion:172 Resp: 16056

Ion	Ratio	Lower	Upper
172	100		
171	32.9	28.8	43.2
170	21.5	18.8	28.2

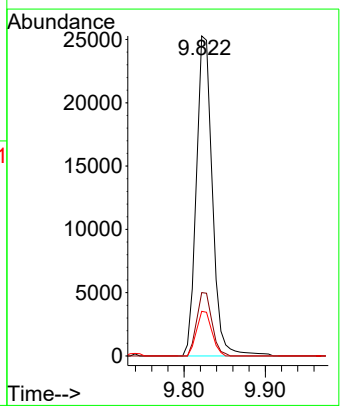


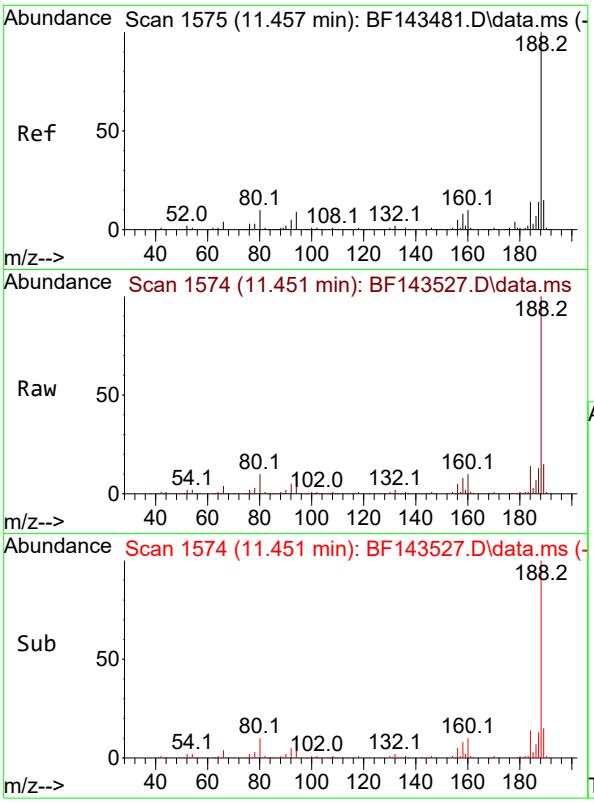


#49
Acenaphthylene
Concen: 2.189 ng
RT: 9.822 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF143527.D
Acq: 21 Aug 2025 13:44

Tgt Ion:152 Resp: 34748

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	14.0	10.6	15.8



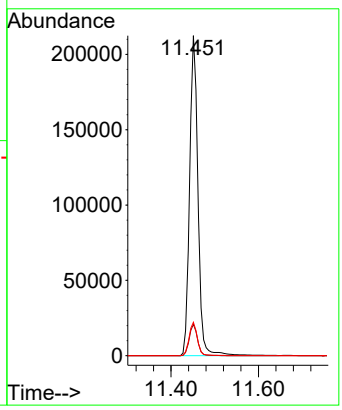


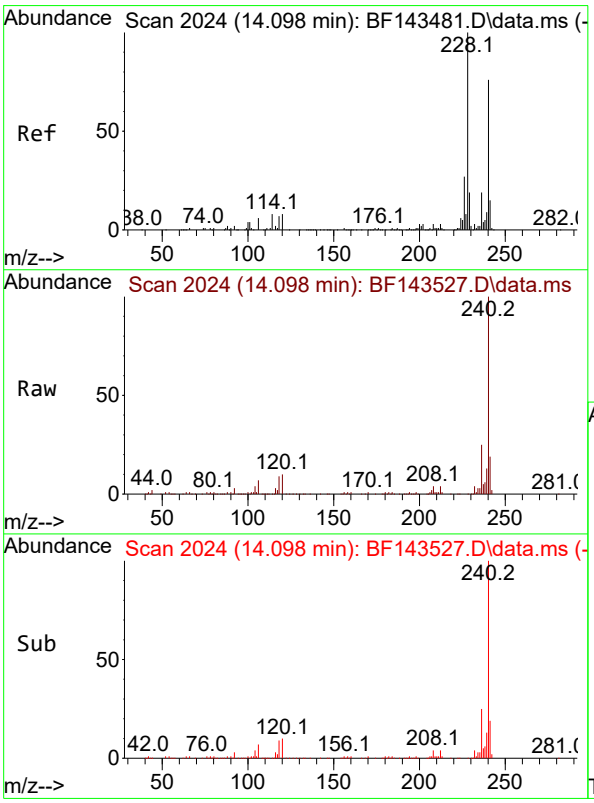
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143527.D
Acq: 21 Aug 2025 13:44

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL2

Tgt Ion:188 Resp: 282280

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.4	11.2
80	10.4	8.2	12.4

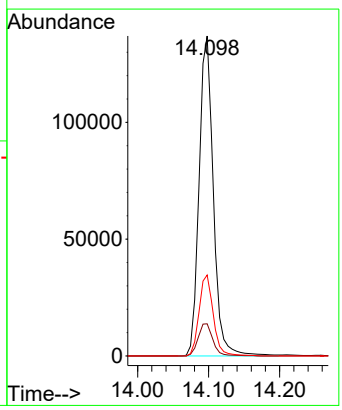


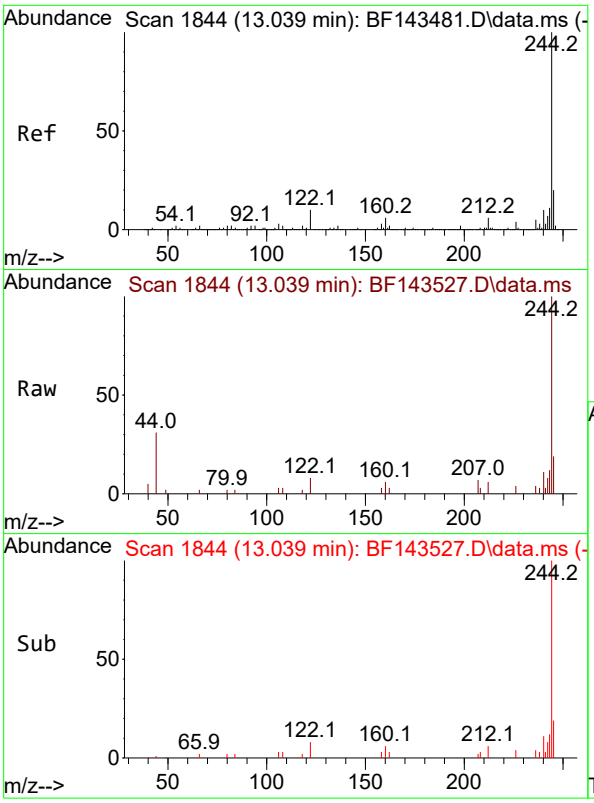


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143527.D
Acq: 21 Aug 2025 13:44

Tgt Ion:240 Resp: 191729

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.6	12.8
236	25.3	20.4	30.6



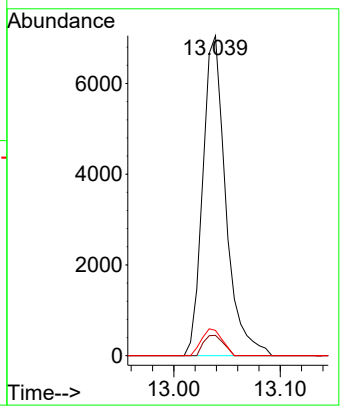


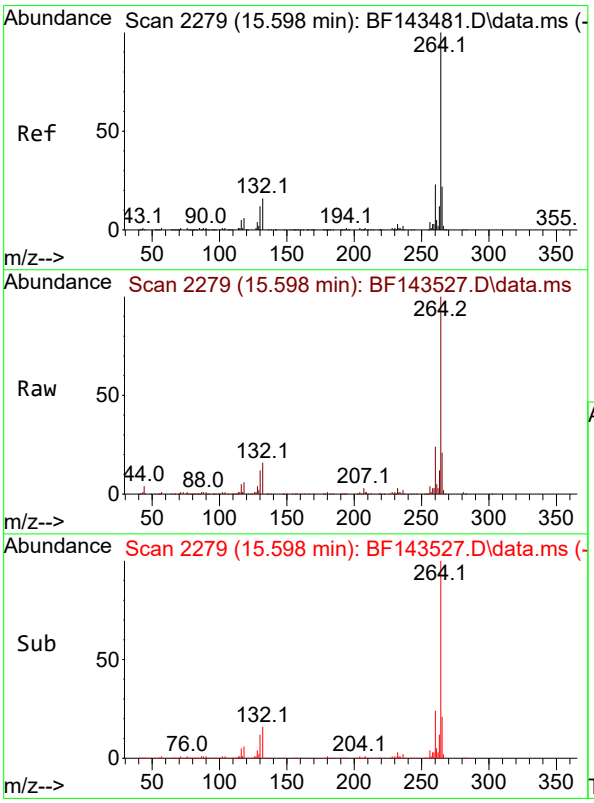
#79
Terphenyl-d14
Concen: 0.967 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143527.D
Acq: 21 Aug 2025 13:44

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL2

Tgt Ion:244 Resp: 10620

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.2	7.8
122	7.9	7.9	11.9#

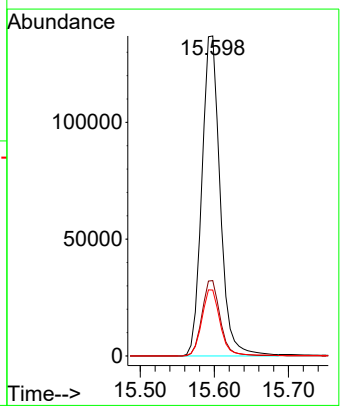




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143527.D
Acq: 21 Aug 2025 13:44

Tgt Ion:264 Resp: 235106

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	20.6	17.6	26.4



Raw Data: **BF143512.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	DUP-01-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143512.D	1	08/19/25 09:29	08/21/25 04:49	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.8	U	4.20	10.8	ug/L
108-95-2	Phenol	5.40	U	0.98	5.40	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.40	U	0.87	5.40	ug/L
95-57-8	2-Chlorophenol	5.40	U	0.62	5.40	ug/L
95-48-7	2-Methylphenol	5.40	U	1.20	5.40	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.40	U	1.40	5.40	ug/L
98-86-2	Acetophenone	5.40	U	0.80	5.40	ug/L
65794-96-9	3+4-Methylphenols	10.8	U	1.20	10.8	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	5.40	U	0.70	5.40	ug/L
98-95-3	Nitrobenzene	5.40	U	0.82	5.40	ug/L
78-59-1	Isophorone	5.40	U	0.81	5.40	ug/L
88-75-5	2-Nitrophenol	5.40	U	1.90	5.40	ug/L
105-67-9	2,4-Dimethylphenol	5.40	U	2.00	5.40	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.40	U	0.73	5.40	ug/L
120-83-2	2,4-Dichlorophenol	5.40	U	0.56	5.40	ug/L
91-20-3	Naphthalene	4300	E	0.54	5.40	ug/L
106-47-8	4-Chloroaniline	5.40	U	0.90	5.40	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	0.58	5.40	ug/L
105-60-2	Caprolactam	10.8	U	1.20	10.8	ug/L
59-50-7	4-Chloro-3-methylphenol	5.40	U	0.63	5.40	ug/L
91-57-6	2-Methylnaphthalene	900	E	0.60	5.40	ug/L
77-47-4	Hexachlorocyclopentadiene	10.8	U	3.90	10.8	ug/L
88-06-2	2,4,6-Trichlorophenol	5.40	U	0.55	5.40	ug/L
95-95-4	2,4,5-Trichlorophenol	5.40	U	0.67	5.40	ug/L
92-52-4	1,1-Biphenyl	30.8		0.57	5.40	ug/L
91-58-7	2-Chloronaphthalene	5.40	U	0.66	5.40	ug/L
88-74-4	2-Nitroaniline	5.40	U	1.40	5.40	ug/L
131-11-3	Dimethylphthalate	5.40	U	0.66	5.40	ug/L

Raw Data: **BF143512.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	DUP-01-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143512.D	1	08/19/25 09:29	08/21/25 04:49	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	170	E	0.81	5.40	ug/L
606-20-2	2,6-Dinitrotoluene	5.40	U	0.99	5.40	ug/L
99-09-2	3-Nitroaniline	5.40	U	1.10	5.40	ug/L
83-32-9	Acenaphthene	28.9		0.59	5.40	ug/L
51-28-5	2,4-Dinitrophenol	10.8	U	6.40	10.8	ug/L
100-02-7	4-Nitrophenol	10.8	U	2.60	10.8	ug/L
132-64-9	Dibenzofuran	4.40	J	0.66	5.40	ug/L
121-14-2	2,4-Dinitrotoluene	5.40	U	1.30	5.40	ug/L
84-66-2	Diethylphthalate	5.40	U	0.74	5.40	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.40	U	0.73	5.40	ug/L
86-73-7	Fluorene	25.9		0.68	5.40	ug/L
100-01-6	4-Nitroaniline	5.40	U	1.60	5.40	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.8	U	3.10	10.8	ug/L
86-30-6	n-Nitrosodiphenylamine	5.40	U	0.62	5.40	ug/L
101-55-3	4-Bromophenyl-phenylether	5.40	U	0.43	5.40	ug/L
118-74-1	Hexachlorobenzene	5.40	U	0.56	5.40	ug/L
1912-24-9	Atrazine	5.40	U	1.10	5.40	ug/L
87-86-5	Pentachlorophenol	10.8	U	1.70	10.8	ug/L
85-01-8	Phenanthrene	13.9		0.54	5.40	ug/L
120-12-7	Anthracene	5.40	U	0.66	5.40	ug/L
86-74-8	Carbazole	14.7		0.77	5.40	ug/L
84-74-2	Di-n-butylphthalate	5.40	U	1.30	5.40	ug/L
206-44-0	Fluoranthene	5.40	U	0.88	5.40	ug/L
129-00-0	Pyrene	5.40	U	0.54	5.40	ug/L
85-68-7	Butylbenzylphthalate	5.40	UQ	2.10	5.40	ug/L
91-94-1	3,3-Dichlorobenzidine	10.8	UQ	1.00	10.8	ug/L
56-55-3	Benzo(a)anthracene	5.40	U	0.48	5.40	ug/L
218-01-9	Chrysene	5.40	U	0.47	5.40	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.40	U	1.70	5.40	ug/L
117-84-0	Di-n-octyl phthalate	10.8	U	2.50	10.8	ug/L
205-99-2	Benzo(b)fluoranthene	5.40	U	0.53	5.40	ug/L

Raw Data: **BF143512.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	DUP-01-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143512.D	1	08/19/25 09:29	08/21/25 04:49	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.40	U	0.52	5.40	ug/L
50-32-8	Benzo(a)pyrene	5.40	U	0.59	5.40	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.40	U	0.63	5.40	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.40	U	0.72	5.40	ug/L
191-24-2	Benzo(g,h,i)perylene	5.40	U	0.74	5.40	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.40	U	0.56	5.40	ug/L
123-91-1	1,4-Dioxane	5.40	U	1.10	5.40	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.40	U	0.77	5.40	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	29.6	*	23 - 138	20%	SPK: 150
13127-88-3	Phenol-d6	39.9		10 - 134	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	258	*	67 - 132	258%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.8		52 - 132	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		44 - 137	88%	SPK: 150
1718-51-0	Terphenyl-d14	82.7		42 - 152	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	128000	6.94			
1146-65-2	Naphthalene-d8	162000	8.228			
15067-26-2	Acenaphthene-d10	252000	9.963			
1517-22-2	Phenanthrene-d10	378000	11.451			
1719-03-5	Chrysene-d12	229000	14.092			
1520-96-3	Perylene-d12	281000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	17.4	J		2.27	ug/L
000544-25-2	1,3,5-Cycloheptatriene	160	J		4.14	ug/L
002175-91-9	1,3-Cyclopentadiene, 5-(1-methylet	91.2	J		5.46	ug/L
000694-87-1	Bicyclo[4.2.0]octa-1,3,5-triene	110	J		5.83	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	35.9	J		6.47	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	20.0	J		6.50	ug/L
000098-83-9	.alpha.-Methylstyrene	8.30	J		6.64	ug/L

Raw Data: **BF143512.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	DUP-01-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143512.D	1	08/19/25 09:29	08/21/25 04:49	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000526-73-8	Benzene, 1,2,3-trimethyl-	65.8	J		6.78	ug/L
1000191-13-7	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	7.90	J		6.81	ug/L
000095-63-6	Benzene, 1,2,4-trimethyl-	21.5	J		7.00	ug/L
026146-77-0	trans-Cinnamyl bromide	7.30	J		7.04	ug/L
000496-11-7	Indane	54.0	J		7.13	ug/L
000095-13-6	Indene	180	J		7.26	ug/L
90-12-0	1-Methylnaphthalene	770	J		9.05	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	24.9	J		9.55	ug/L
000571-61-9	Naphthalene, 1,5-dimethyl-	29.1	J		9.62	ug/L
000575-37-1	Naphthalene, 1,7-dimethyl-	12.7	J		9.65	ug/L
000827-54-3	Naphthalene, 2-ethenyl-	13.3	J		9.69	ug/L
000575-41-7	Naphthalene, 1,3-dimethyl-	14.9	J		9.74	ug/L

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

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

Sample Results: **BF143512.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Quant Time: Aug 21 07:06:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	127848	20.000	ng	0.01
21) Naphthalene-d8	8.228	136	161605	20.000	ng	0.02
39) Acenaphthene-d10	9.963	164	252028	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	378389	20.000	ng	0.00
76) Chrysene-d12	14.092	240	228850	20.000	ng	-0.01
86) Perylene-d12	15.592	264	280609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	217087	29.650	ng	0.01
7) Phenol-d6	6.569	99	360493	39.886	ng	0.00
23) Nitrobenzene-d5	7.498	82	714468	257.991	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	309927	132.108	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1216462	79.769	ng	0.00
79) Terphenyl-d14	13.033	244	1084386	82.687	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.339	128	30674528	3953.586	ng	# 92
37) 2-Methylnaphthalene	8.945	142	4359971	841.385	ng	99
38) 1-Methylnaphthalene	9.051	142	3563123	718.844	ng	99
46) 1,1'-Biphenyl	9.386	154	512257	28.636	ng	100
49) Acenaphthylene	9.834	152	3111758	154.837	ng	97
52) Acenaphthene	9.998	154	367277	26.916	ng	98
55) Dibenzofuran	10.169	168	79131	4.068	ng	98
58) Fluorene	10.510	166	360796m	24.097	ng	
71) Phenanthrene	11.475	178	261150	12.888	ng	100
73) Carbazole	11.680	167	229495	13.644	ng	99

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

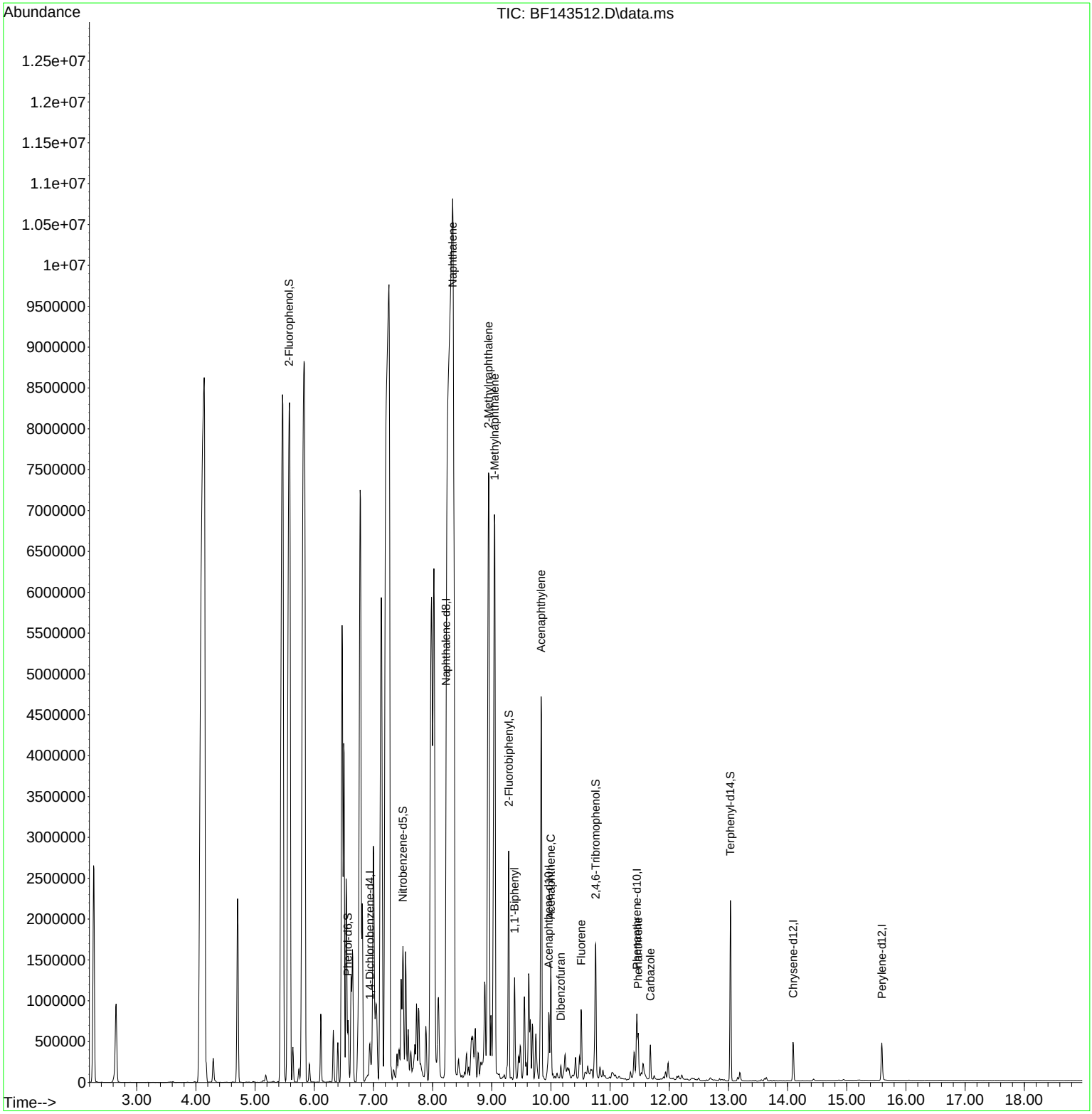
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

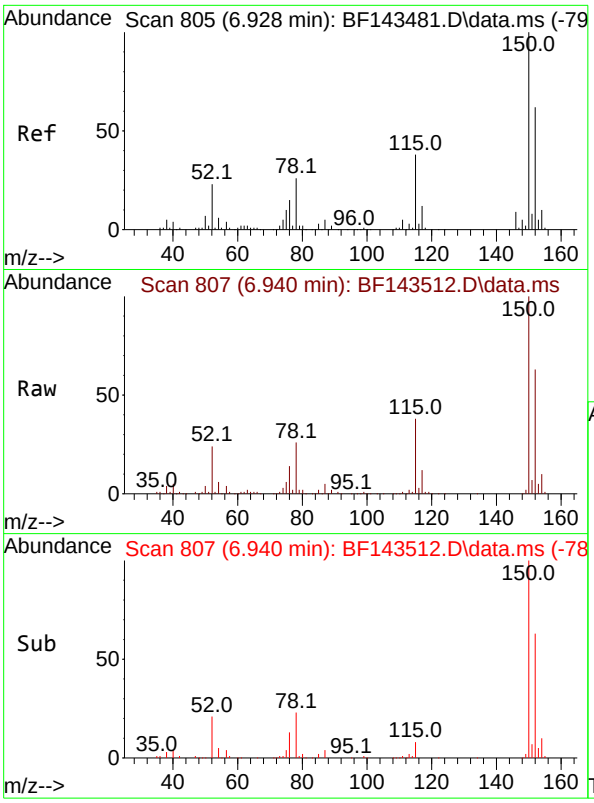
Quant Time: Aug 21 07:06:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

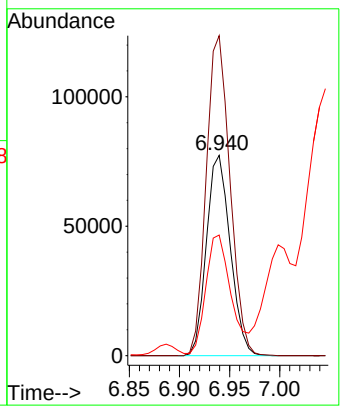




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:152 Resp: 12784

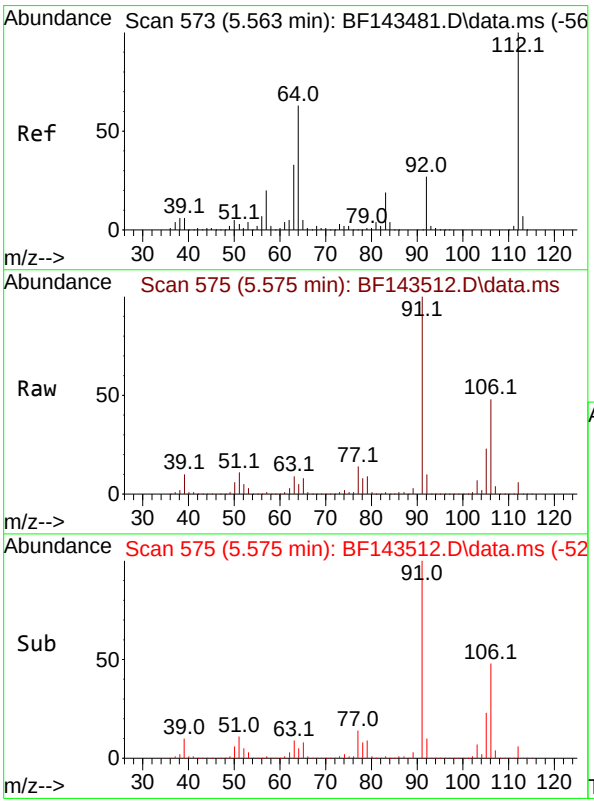
Ion	Ratio	Lower	Upper
152	100		
150	159.7	128.9	193.3
115	60.2	49.2	73.8



Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Manual Integrations
APPROVED

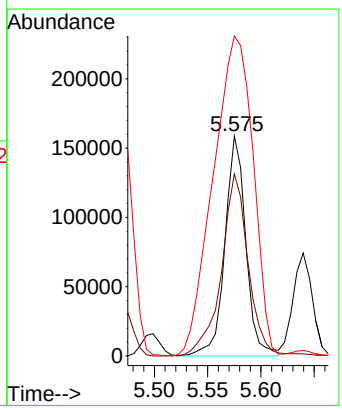
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

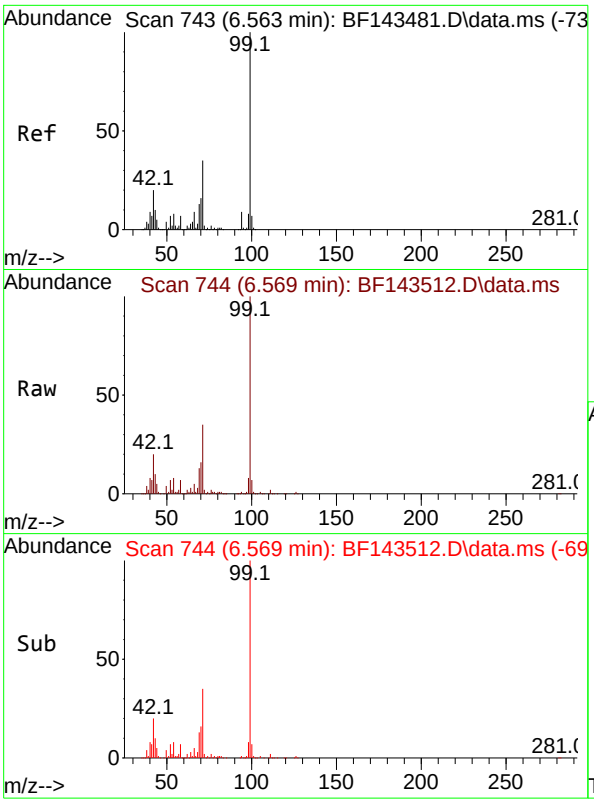


#5
2-Fluorophenol
Concen: 29.650 ng
RT: 5.575 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:112 Resp: 217087

Ion	Ratio	Lower	Upper
112	100		
64	82.7	50.4	75.6#
63	145.4	26.4	39.6#

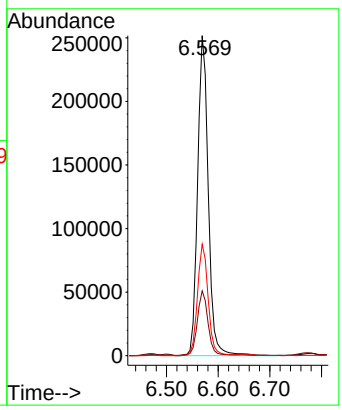




#7
Phenol-d6
Concen: 39.886 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion: 99 Resp: 36049

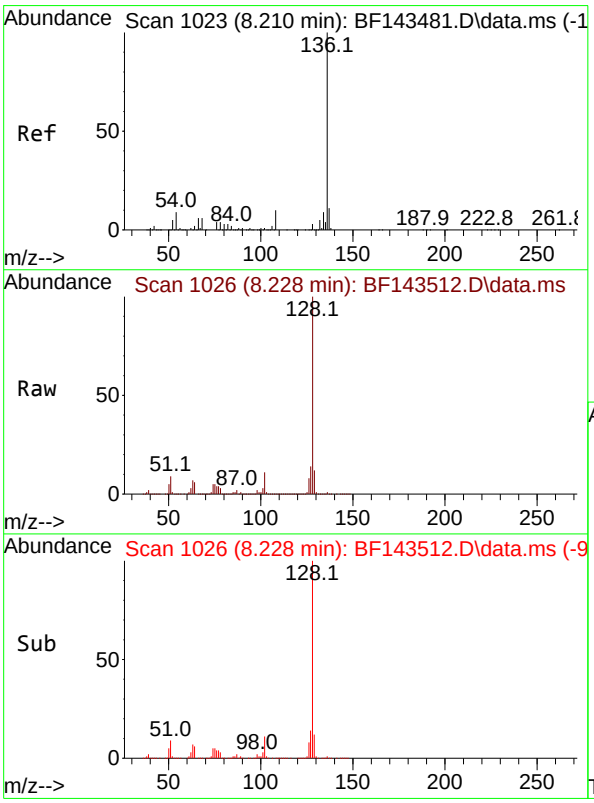
Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.3	24.5
71	34.8	28.2	42.2



Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Manual Integrations
APPROVED

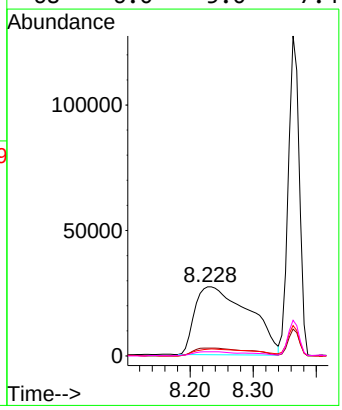
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

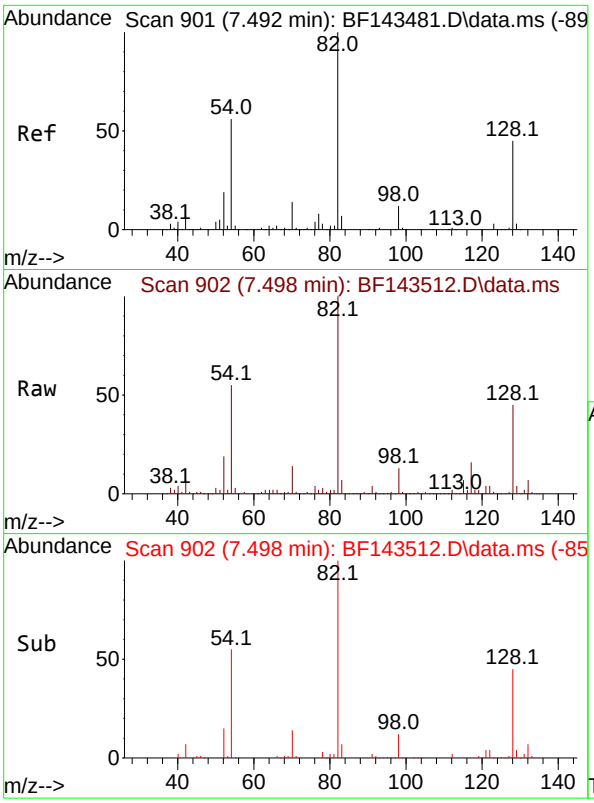


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1026
Delta R.T. 0.018 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:136 Resp: 161605

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.8	7.4	11.2
68	6.0	5.0	7.4

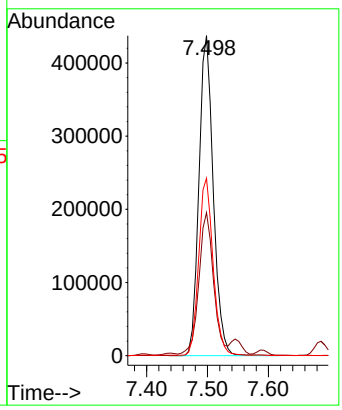




#23
Nitrobenzene-d5
Concen: 257.991 ng
RT: 7.498 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion: 82 Resp: 71446

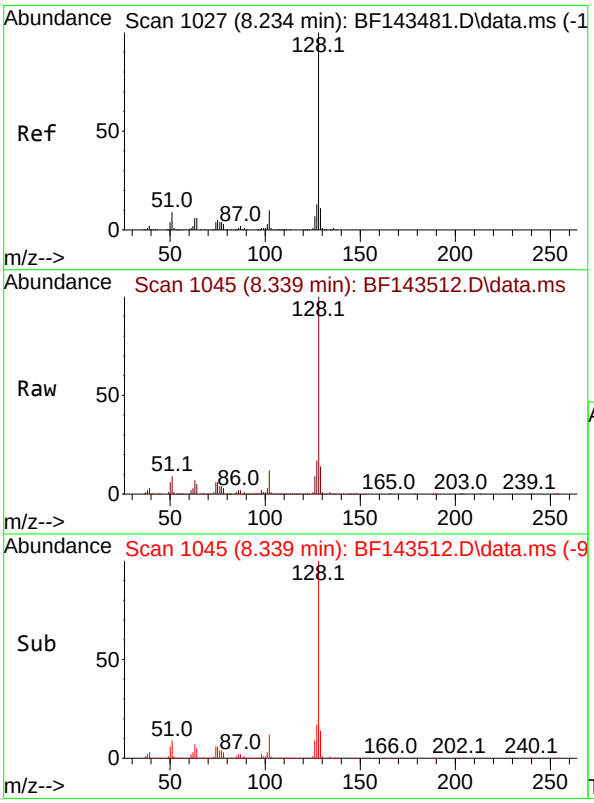
Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.5	53.3
54	55.5	44.3	66.5



Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Manual Integrations
APPROVED

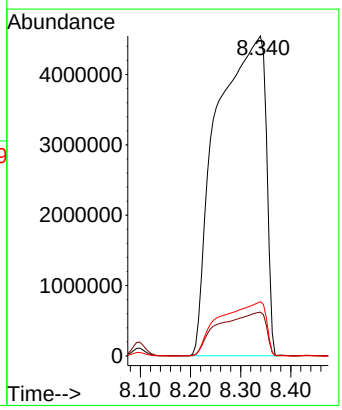
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

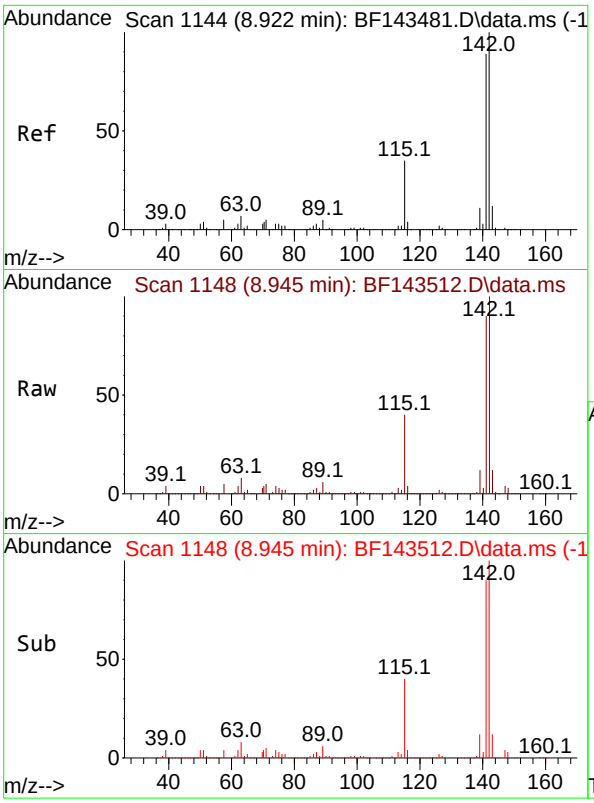


#31
Naphthalene
Concen: 3953.586 ng
RT: 8.339 min Scan# 1045
Delta R.T. 0.106 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:128 Resp:30674528

Ion	Ratio	Lower	Upper
128	100		
129	13.7	8.8	13.2#
127	16.9	10.6	16.0#

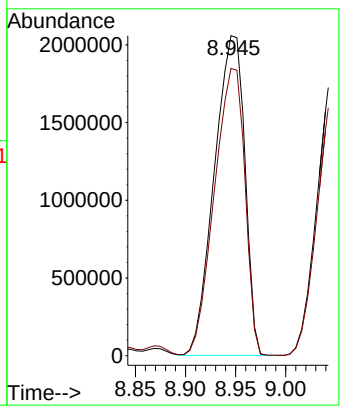




#37
2-Methylnaphthalene
Concen: 841.385 ng
RT: 8.945 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:142 Resp: 435997

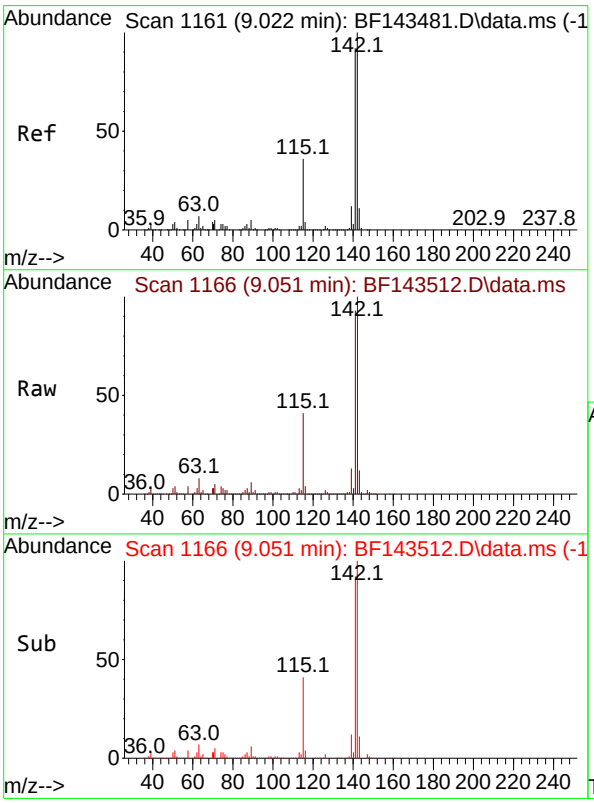
Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.4



Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Manual Integrations
APPROVED

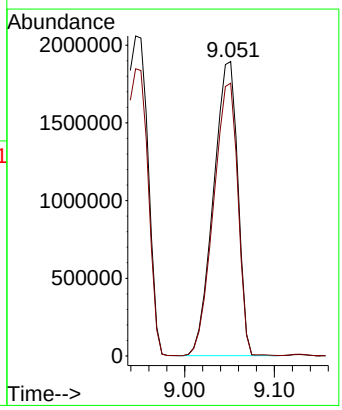
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

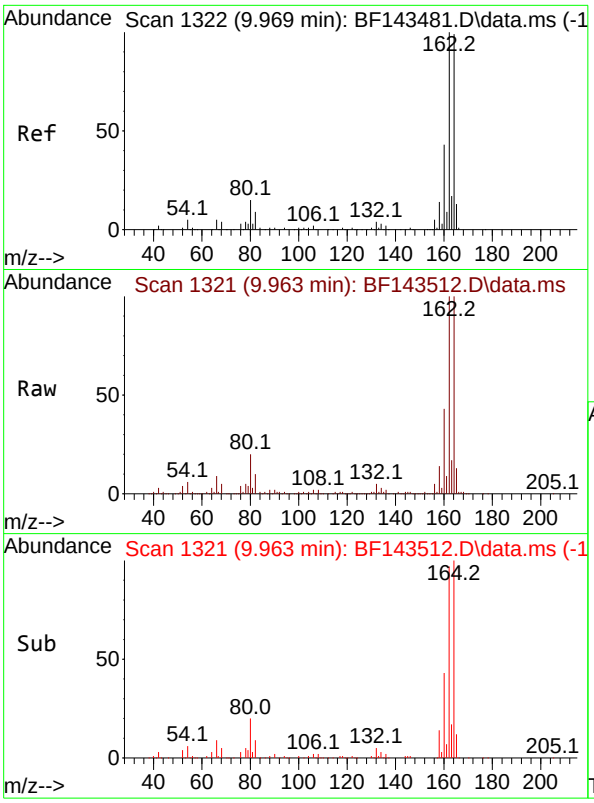


#38
1-Methylnaphthalene
Concen: 718.844 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.024 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:142 Resp: 3563123

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.3	109.9

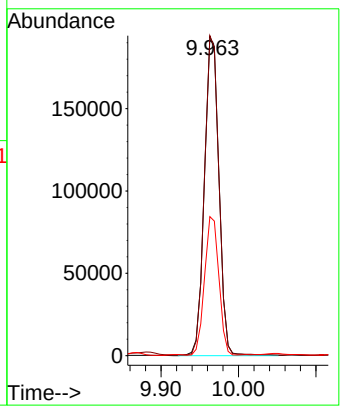




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:164 Resp: 25202

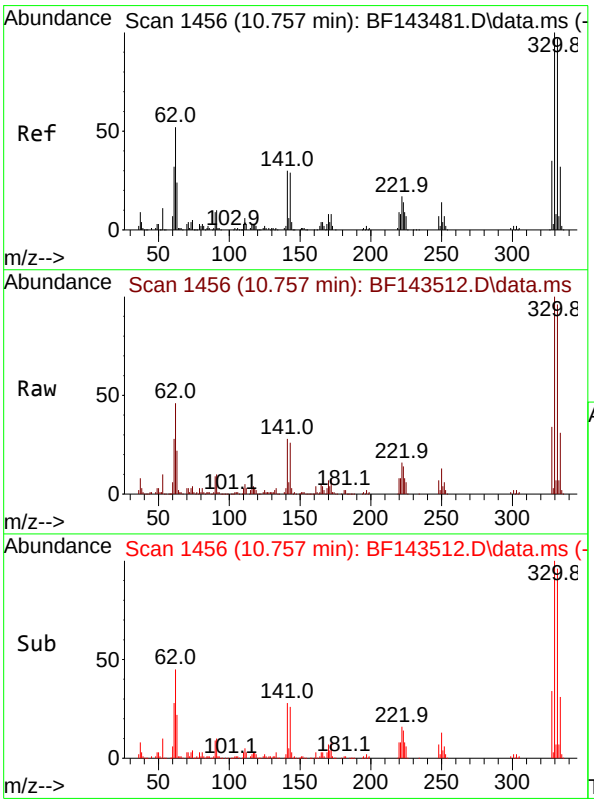
Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.5	120.7
160	43.6	34.3	51.5



Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Manual Integrations
APPROVED

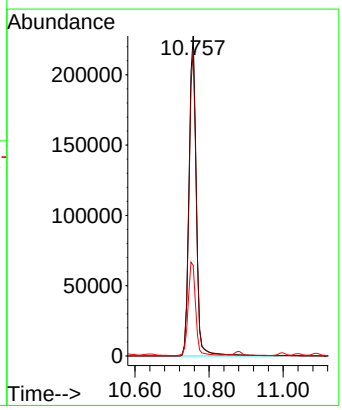
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

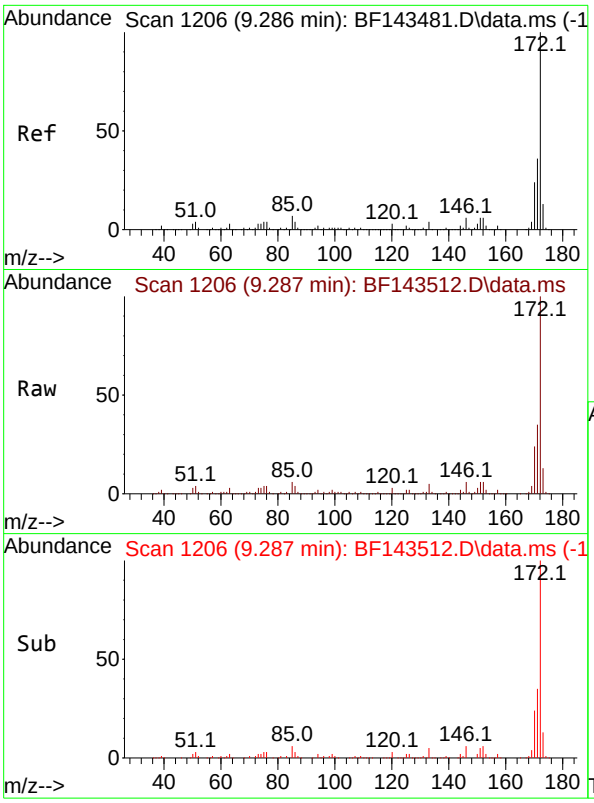


#42
2,4,6-Tribromophenol
Concen: 132.108 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:330 Resp: 309927

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.0	117.0
141	30.1	23.7	35.5

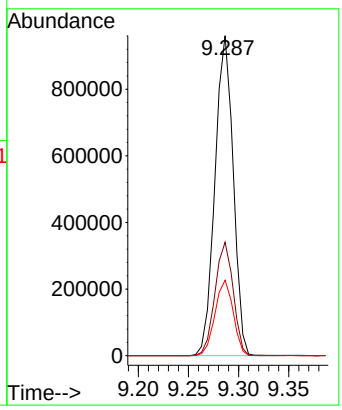




#45
2-Fluorobiphenyl
Concen: 79.769 ng
RT: 9.287 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:172 Resp: 121646

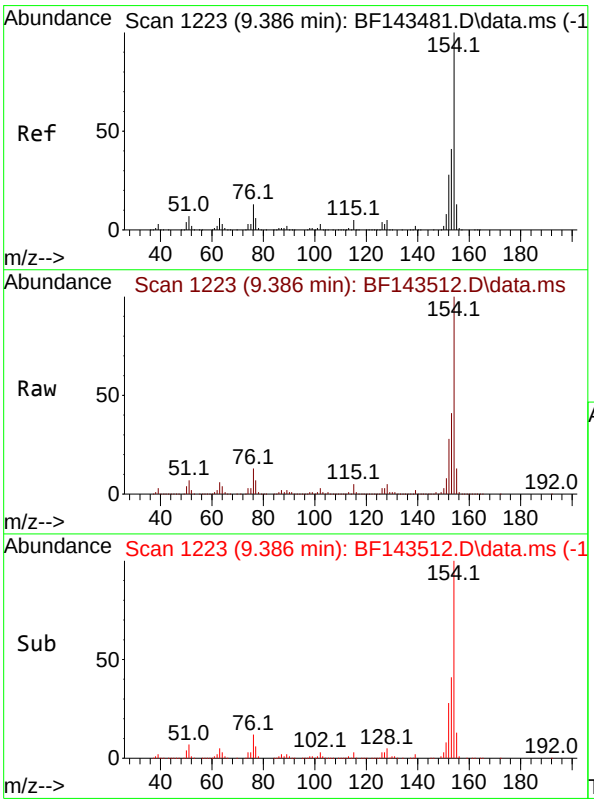
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.6	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Manual Integrations
APPROVED

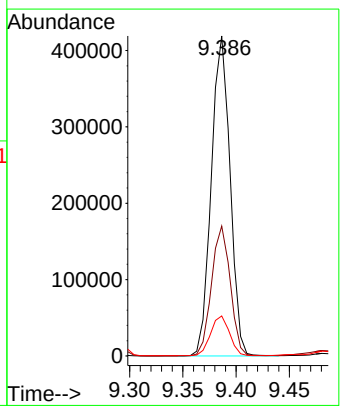
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

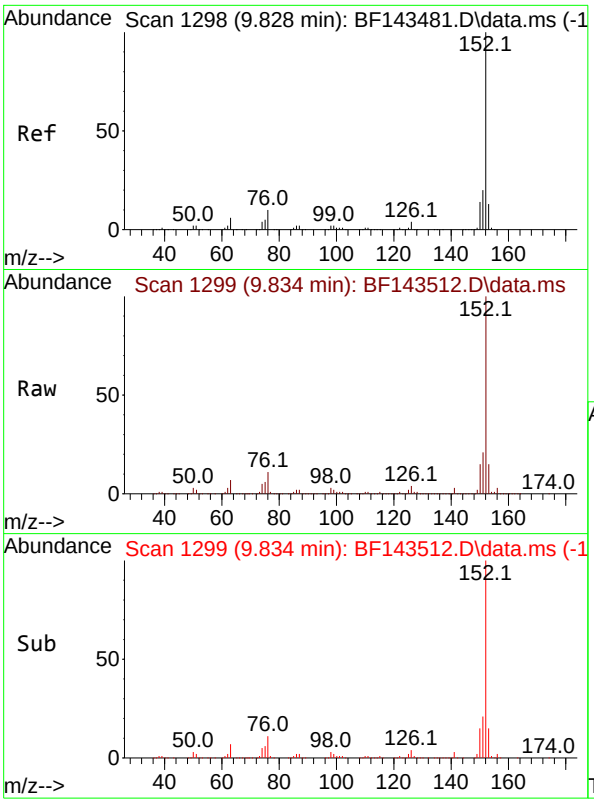


#46
1,1'-Biphenyl
Concen: 28.636 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:154 Resp: 512257

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	12.5	0.0	33.0

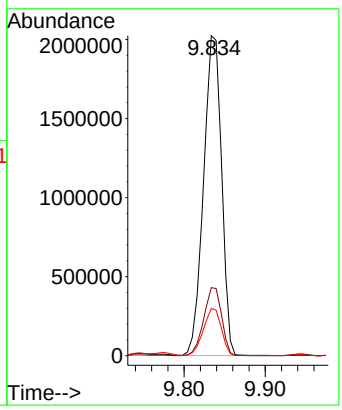




#49
Acenaphthylene
Concen: 154.837 ng
RT: 9.834 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:152 Resp: 311175

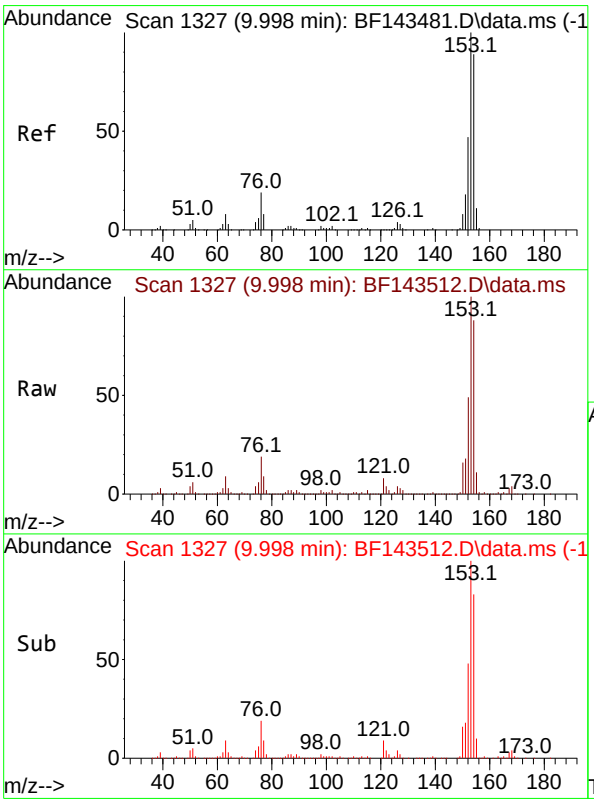
Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.2	24.4
153	14.7	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Manual Integrations
APPROVED

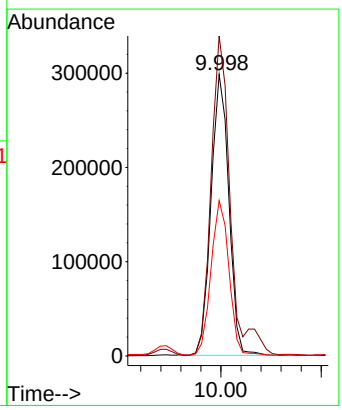
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

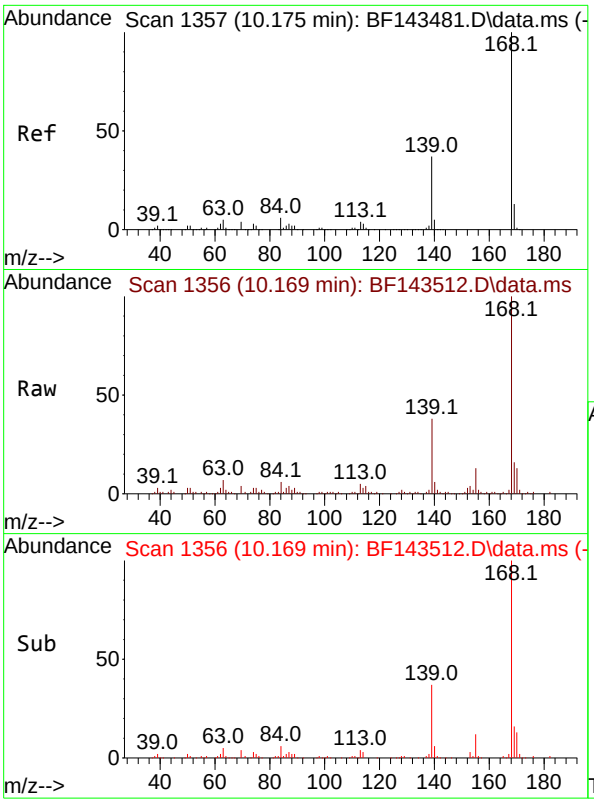


#52
Acenaphthene
Concen: 26.916 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:154 Resp: 367277

Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.5	134.3
152	55.2	42.5	63.7

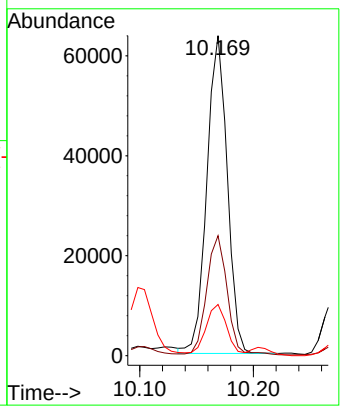




#55
Dibenzofuran
Concen: 4.068 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:168 Resp: 7913

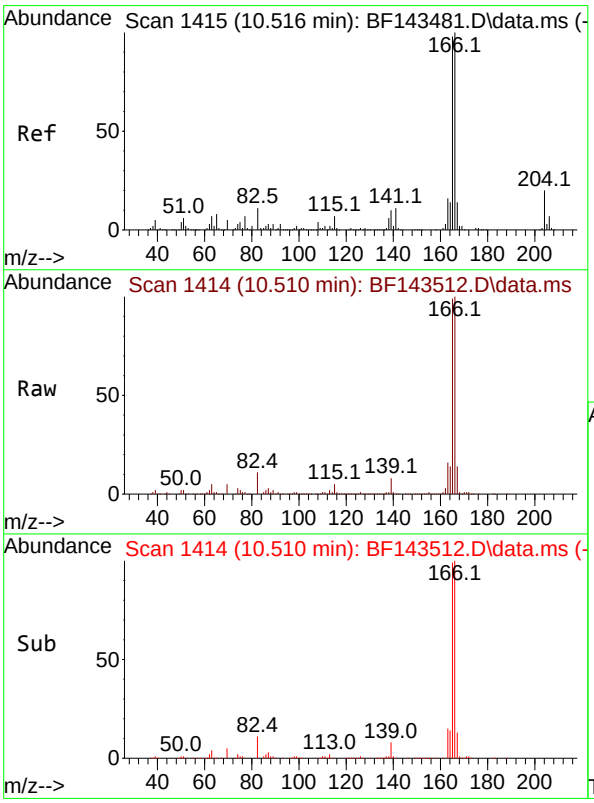
Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.8	44.6
169	16.0	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Manual Integrations
APPROVED

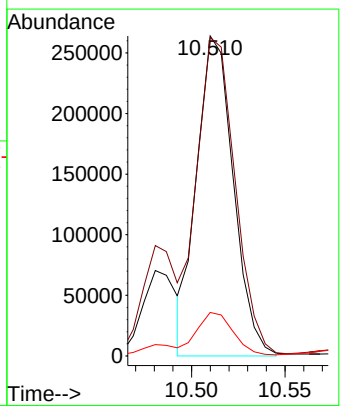
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

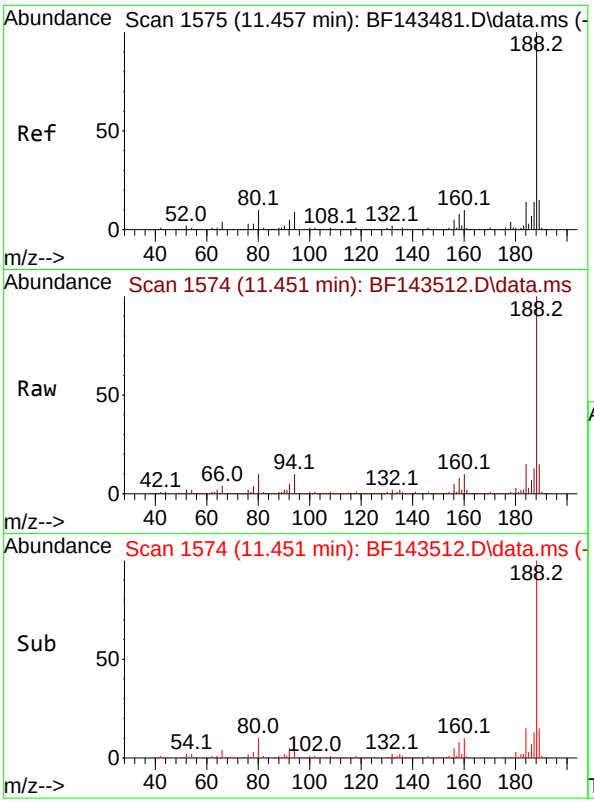


#58
Fluorene
Concen: 24.097 ng m
RT: 10.510 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:166 Resp: 360796

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.3	117.5
167	13.6	11.0	16.4

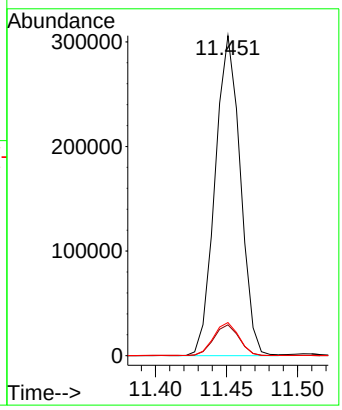




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:188 Resp: 37838

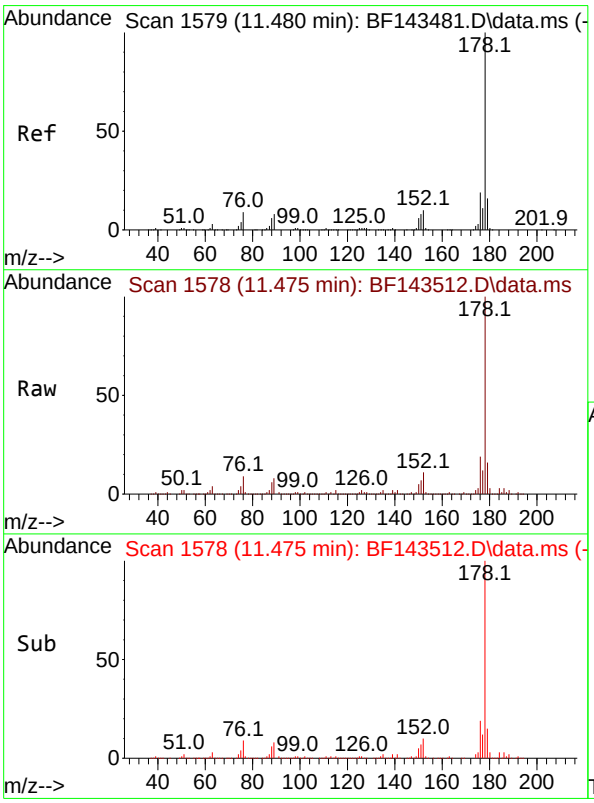
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.2
80	10.3	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Manual Integrations
APPROVED

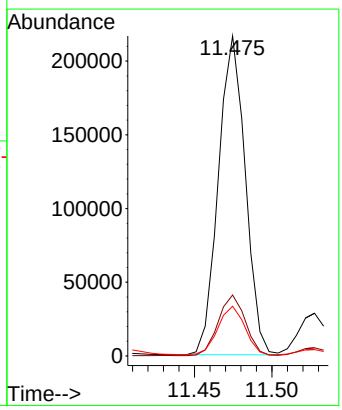
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

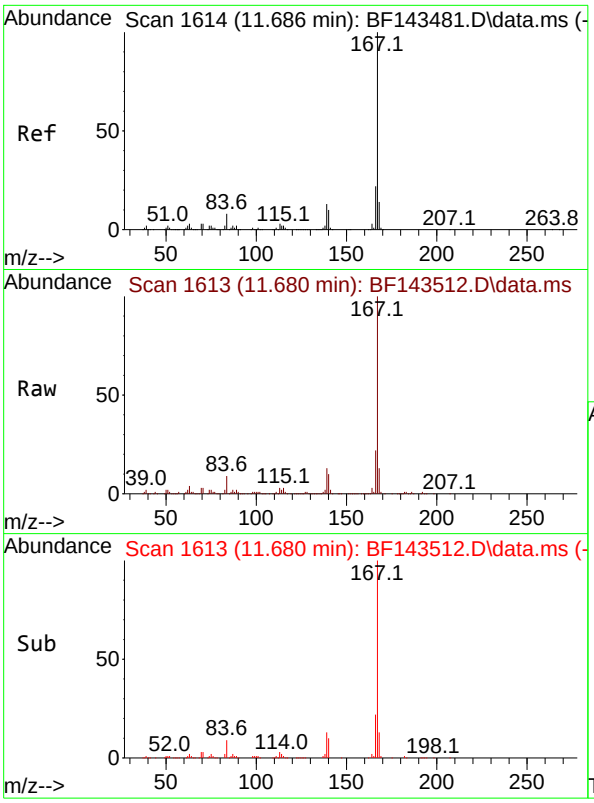


#71
Phenanthrene
Concen: 12.888 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:178 Resp: 261150

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.5	12.5	18.7

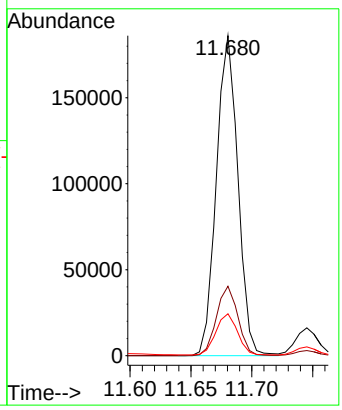




#73
Carbazole
Concen: 13.644 ng
RT: 11.680 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:167 Resp: 22949

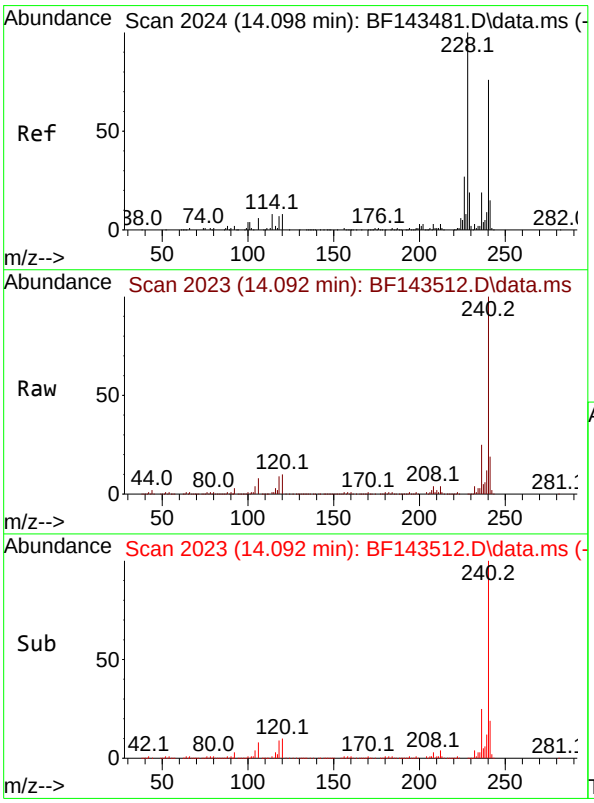
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.3	25.9
139	13.1	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Manual Integrations
APPROVED

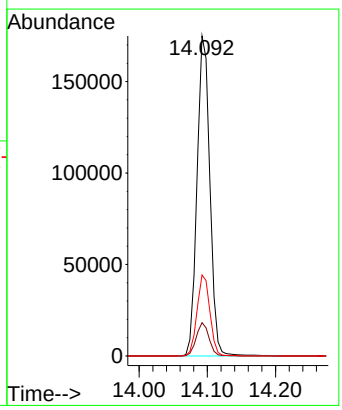
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

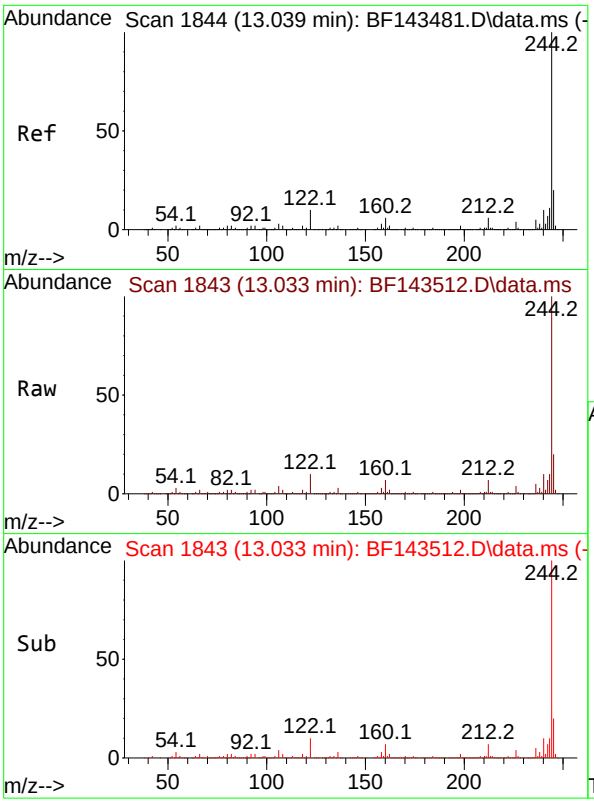


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:240 Resp: 228850

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.6	12.8
236	25.3	20.4	30.6

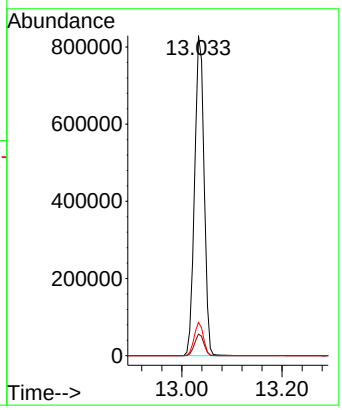




#79
Terphenyl-d14
Concen: 82.687 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:244 Resp: 108438

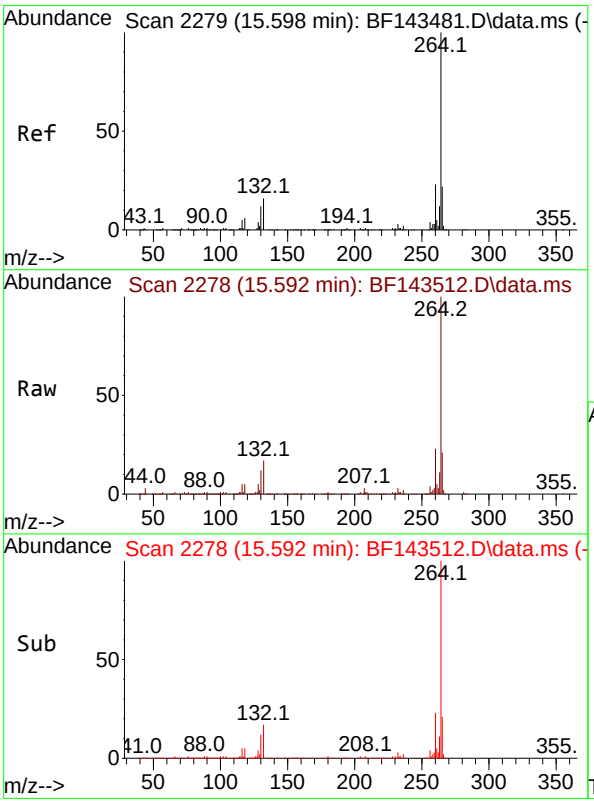
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.2	7.8
122	10.4	7.9	11.9



Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Manual Integrations
APPROVED

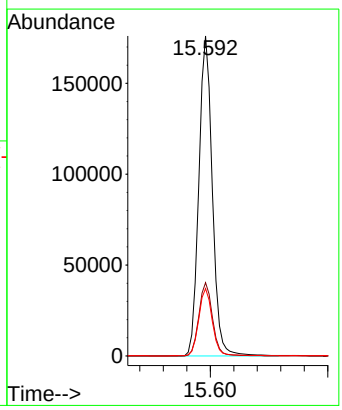
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143512.D
Acq: 21 Aug 2025 04:49

Tgt Ion:264 Resp: 280609

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.0	17.6	26.4



Sample Results: **BF143512.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143512.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.269	4	13	20	rBV	2651346	4457486	5.71%	1.073%
2	2.652	55	78	93	rBV	960902	1842445	2.36%	0.443%
3	4.140	310	331	343	rBV	8626647	41544086	53.18%	9.998%
4	4.704	418	427	433	rBV	2247442	3306312	4.23%	0.796%
5	5.463	545	556	565	rBV	8412843	23345090	29.89%	5.618%
6	5.581	565	576	582	rVV	8314784	24176174	30.95%	5.818%
7	5.828	606	618	625	rVV3	8820387	29320816	37.53%	7.056%
8	6.110	659	666	671	rBV	834374	1051105	1.35%	0.253%
9	6.322	697	702	710	rBV	638536	805377	1.03%	0.194%
10	6.469	720	727	730	rBV	5588970	9202205	11.78%	2.215%
11	6.498	730	732	736	rVV	4117574	5120054	6.55%	1.232%
12	6.540	736	739	743	rVV	2453803	3354404	4.29%	0.807%
13	6.622	749	753	755	rVV	1261818	1710664	2.19%	0.412%
14	6.645	755	757	766	rVB	1620376	2119651	2.71%	0.510%
15	6.775	766	779	784	rBV2	7242531	16841084	21.56%	4.053%
16	6.810	784	785	791	rVB2	2176544	2029296	2.60%	0.488%
17	6.998	810	817	822	rVV	2785996	5508138	7.05%	1.326%
18	7.045	822	825	832	rVB	918574	1862465	2.38%	0.448%
19	7.134	832	840	846	rBV	5888489	13819282	17.69%	3.326%
20	7.263	846	862	868	rVV	9620251	46206155	59.15%	11.119%
21	7.469	894	897	899	rVV	1088431	1380865	1.77%	0.332%
22	7.498	899	902	906	rVV	1484558	2146154	2.75%	0.516%
23	7.545	906	910	914	rVV	1411506	1855499	2.38%	0.447%
24	7.728	938	941	944	rVV	747365	859543	1.10%	0.207%
25	7.763	944	947	951	rVB	685256	824313	1.06%	0.198%
26	7.887	963	968	974	rVB	661857	967403	1.24%	0.233%
27	7.981	974	984	987	rBV3	5913206	14418681	18.46%	3.470%
28	8.022	987	991	999	rVV	6253159	13066816	16.73%	3.145%
29	8.098	999	1004	1014	rVV	1000679	1917143	2.45%	0.461%
30	8.340	1018	1045	1054	rVV2	10761000	78115980	100.00%	18.799%
31	8.657	1093	1099	1101	rBV	455251	807806	1.03%	0.194%
32	8.722	1106	1110	1114	rVB	594410	875242	1.12%	0.211%
33	8.881	1132	1137	1141	rVV	1123875	1890789	2.42%	0.455%
34	8.945	1141	1148	1153	rVV	7351628	15443626	19.77%	3.717%
35	8.987	1153	1155	1158	rVV	710483	836194	1.07%	0.201%
36	9.045	1158	1165	1171	rVB2	6837909	13799472	17.67%	3.321%

Sample Results: **BF143512.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.287	1201	1206	1211	rVB	2780101	3535474	4.53%	0.851%
38	9.386	1217	1223	1229	rBV	1249212	1634334	2.09%	0.393%
39	9.551	1245	1251	1255	rVV	999491	1581916	2.03%	0.381%
40	9.622	1259	1263	1266	rVV	1275730	1844592	2.36%	0.444%
41	9.651	1266	1268	1271	rVV	712805	802703	1.03%	0.193%
42	9.686	1271	1274	1279	rVB	670611	845313	1.08%	0.203%
43	9.745	1279	1284	1293	rVB2	551482	943462	1.21%	0.227%
44	9.834	1293	1299	1304	rBV	4677217	7037462	9.01%	1.694%
45	9.963	1311	1321	1324	rBV2	825313	1363904	1.75%	0.328%
46	9.998	1324	1327	1331	rVB	1363407	1642923	2.10%	0.395%
47	10.510	1411	1414	1420	rVB	855889	1194833	1.53%	0.288%
48	10.757	1448	1456	1464	rVB2	1642243	2533159	3.24%	0.610%
49	11.451	1570	1574	1576	rBV	695562	878625	1.12%	0.211%
50	13.033	1837	1843	1852	rBV	2210499	2875288	3.68%	0.692%

Sum of corrected areas: 415541803

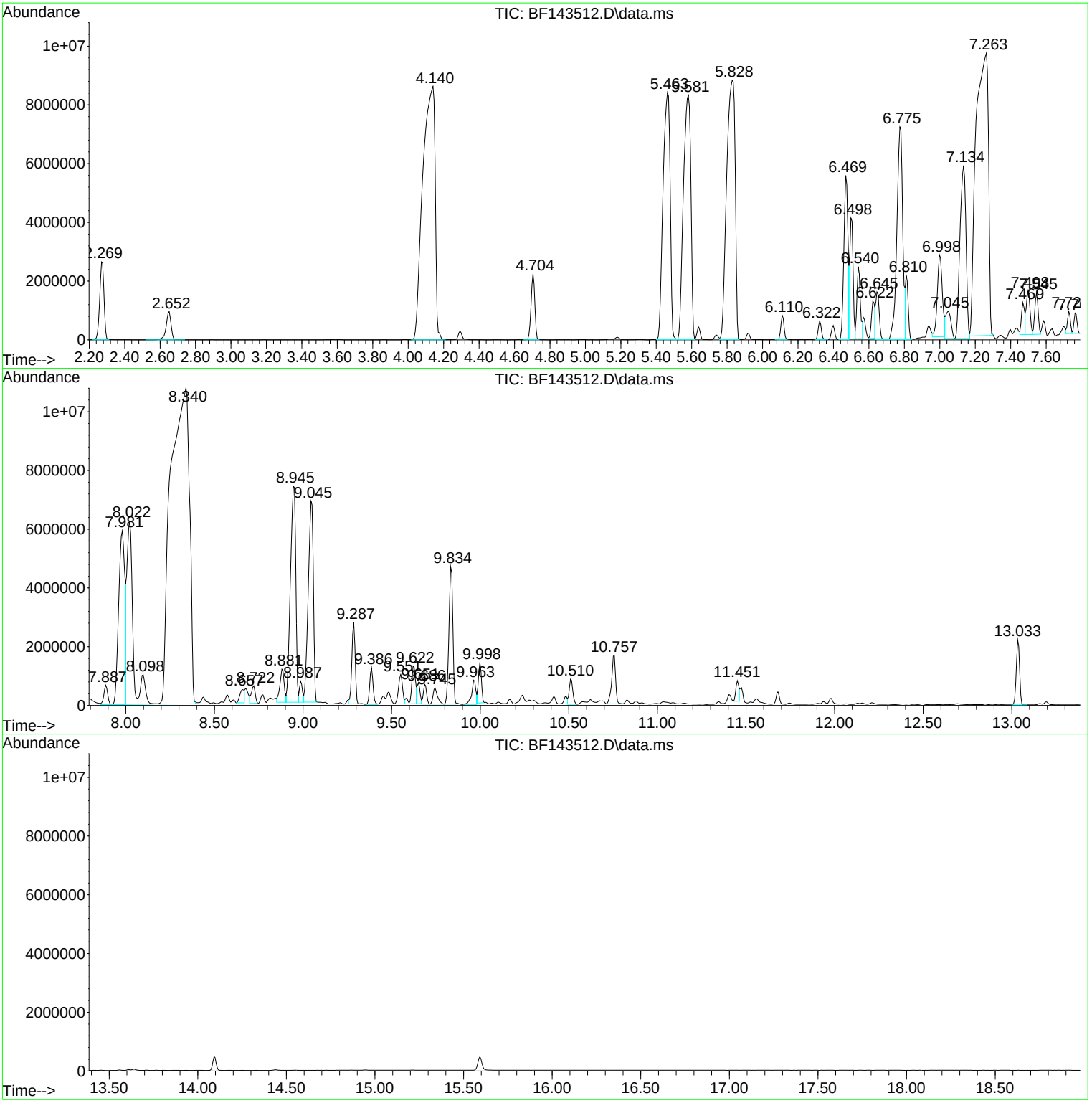
Sample Results: **BF143512.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BF143512.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

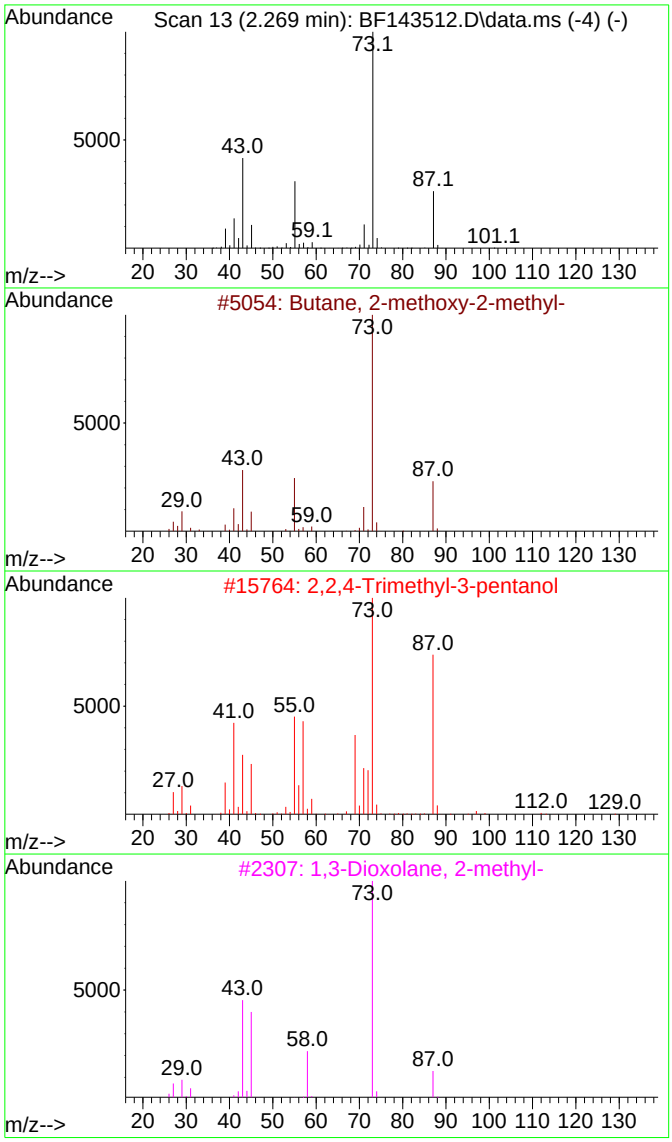
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

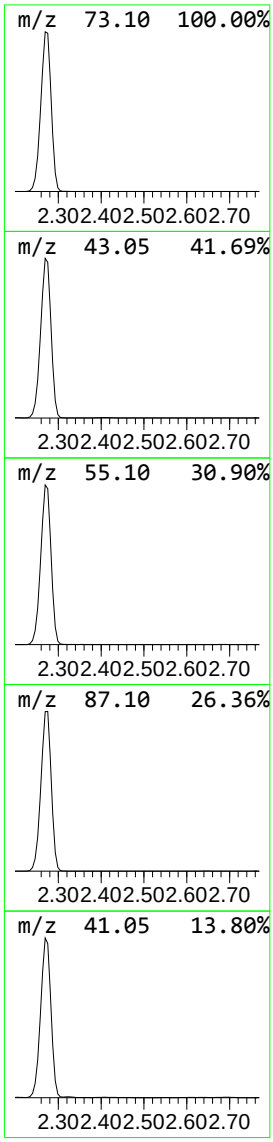
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.269	16.19 ng	4457490	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





Sample Results: **BF143512.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

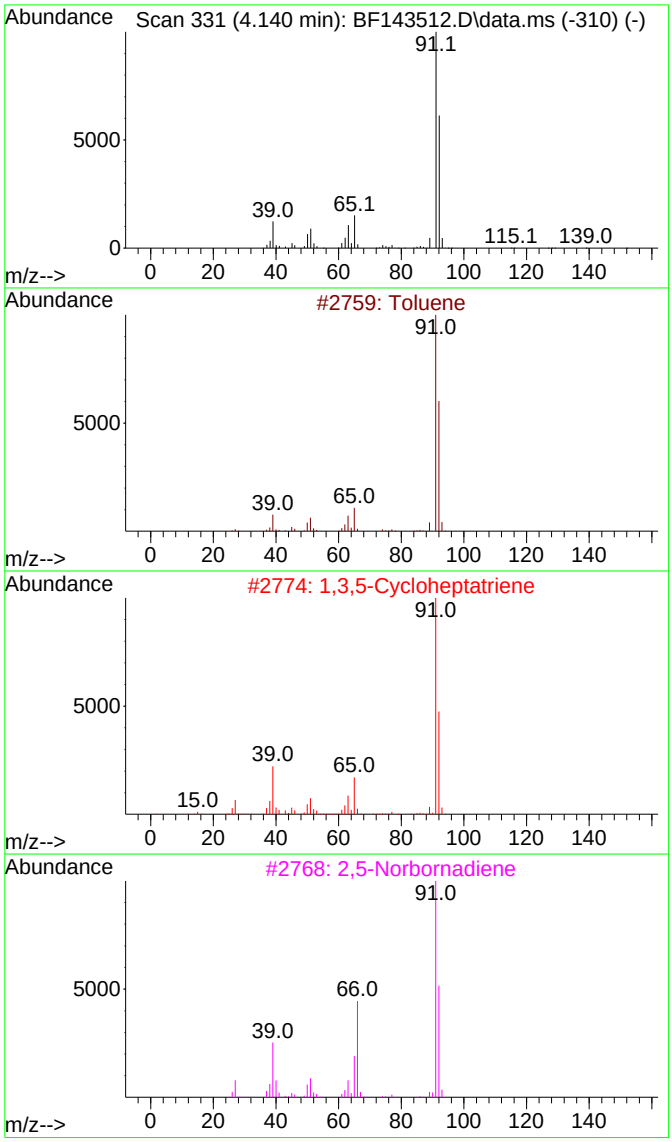
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

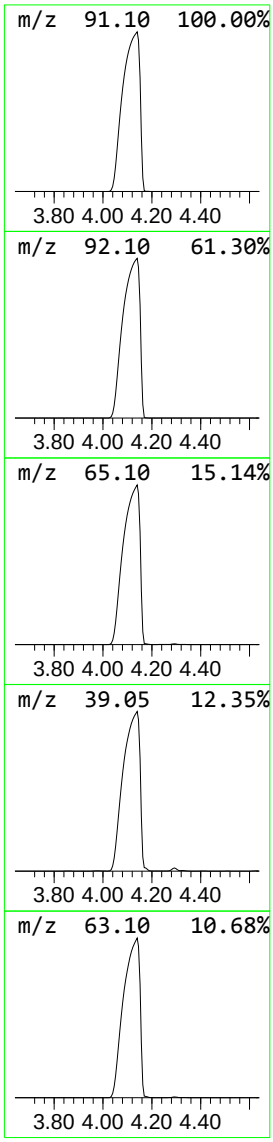
****

Peak Number 3 1,3,5-Cycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.140	150.85 ng	41544100	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3	2,5-Norbornadiene	92	C7H8	000121-46-0	83
4	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	78
5	1,5-Heptadien-3-yne	92	C7H8	003511-27-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

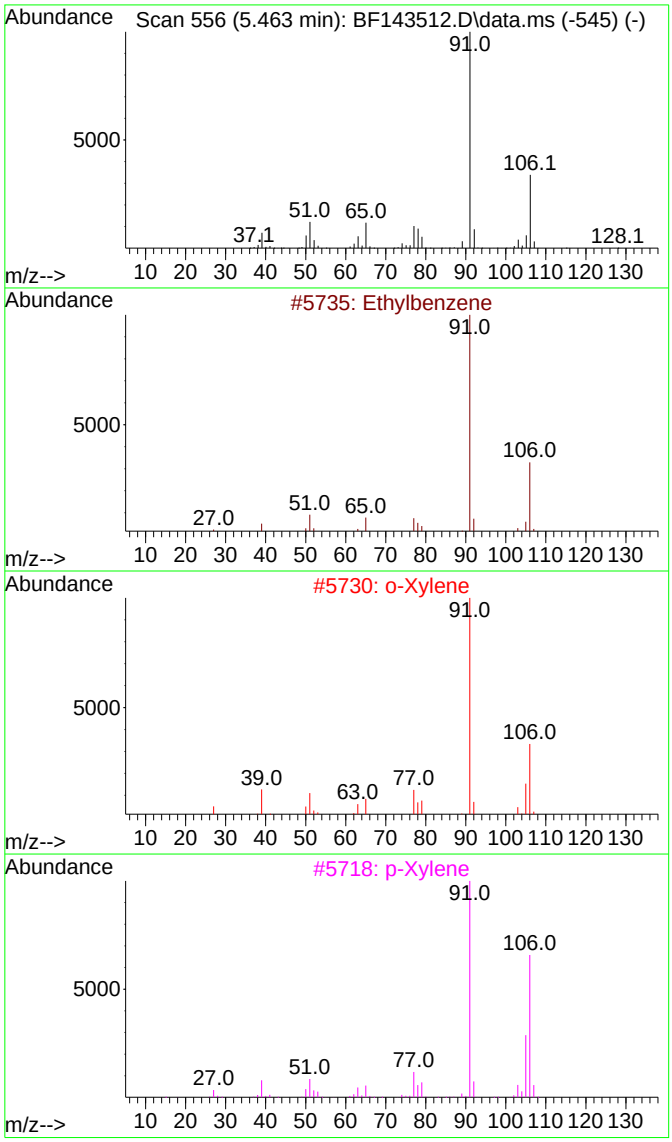
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

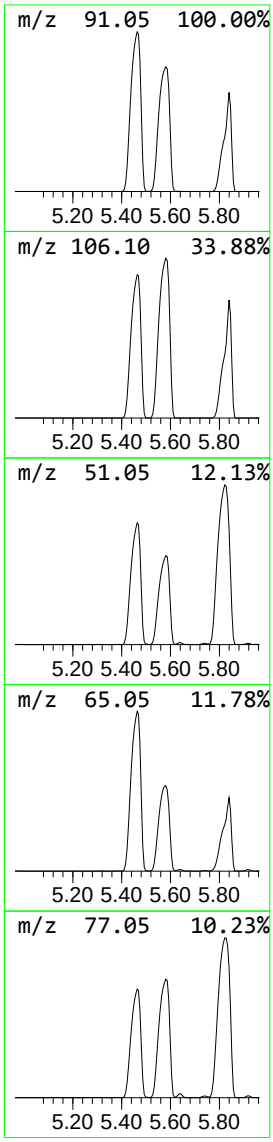
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.463	84.77 ng	23345100	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	o-Xylene	106	C8H10	000095-47-6	91
3	p-Xylene	106	C8H10	000106-42-3	80
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	80
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

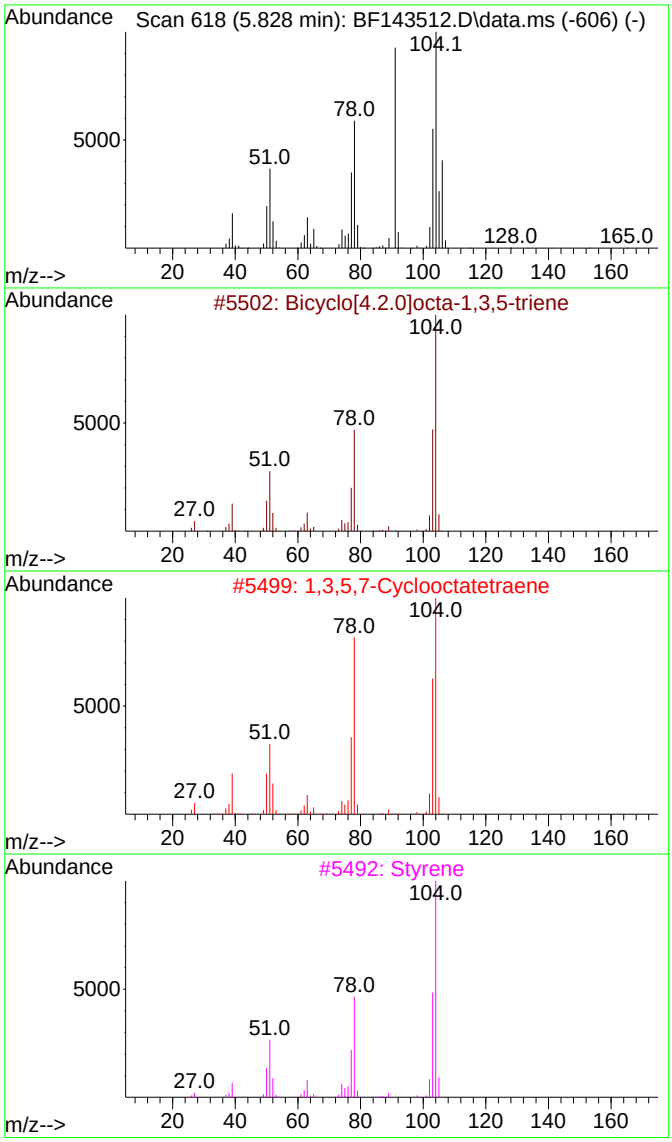
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

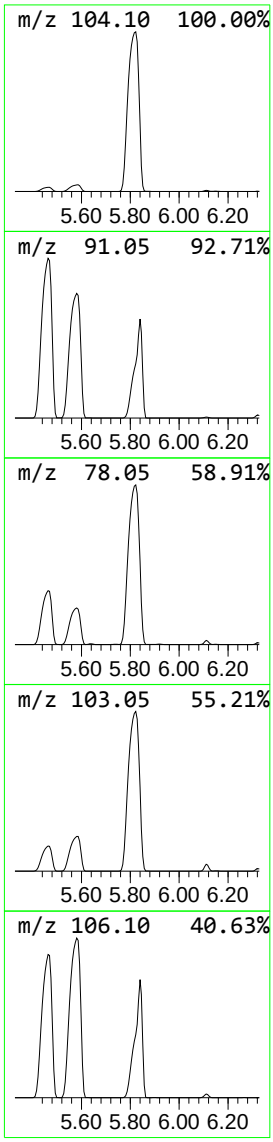
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.828	106.46 ng	29320800	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
2	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
3	Styrene	104	C8H8	000100-42-5	93
4	1-Cyclohexene, 1-ethynyl-	106	C8H10	1000327-56-5	55
5	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

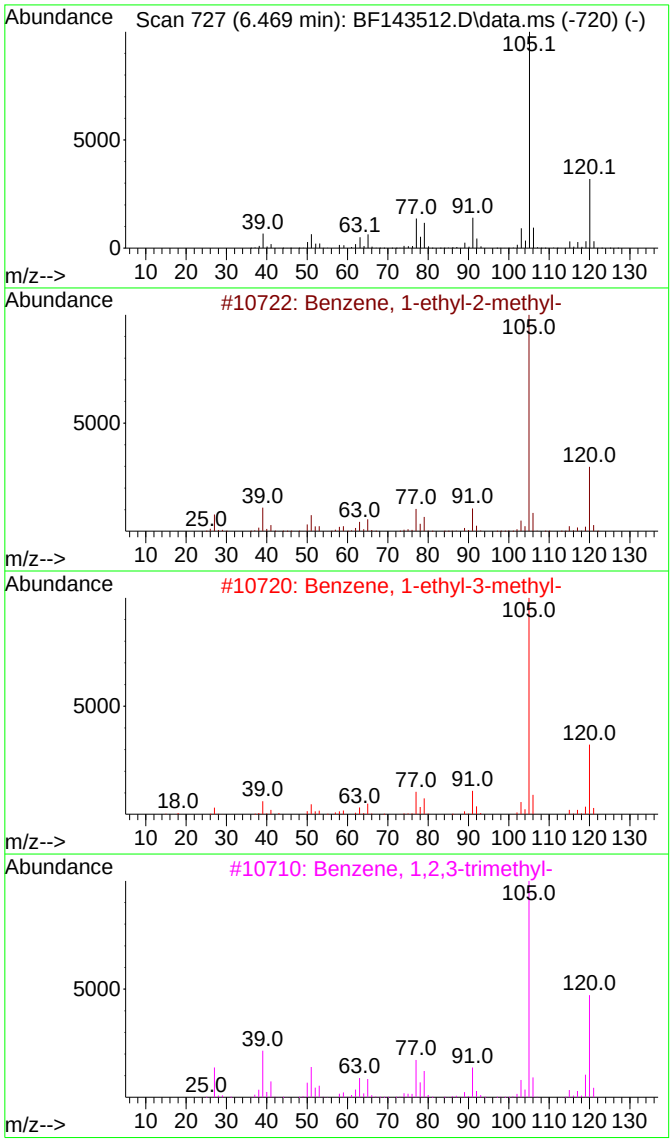
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

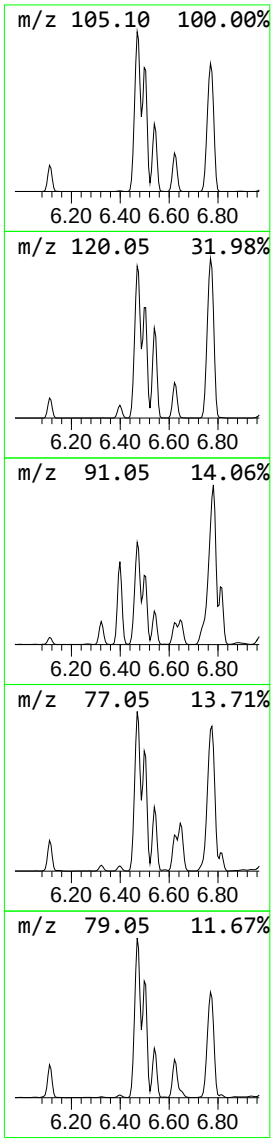
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.469	33.41 ng	9202210	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Sample Results: **BF143512.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

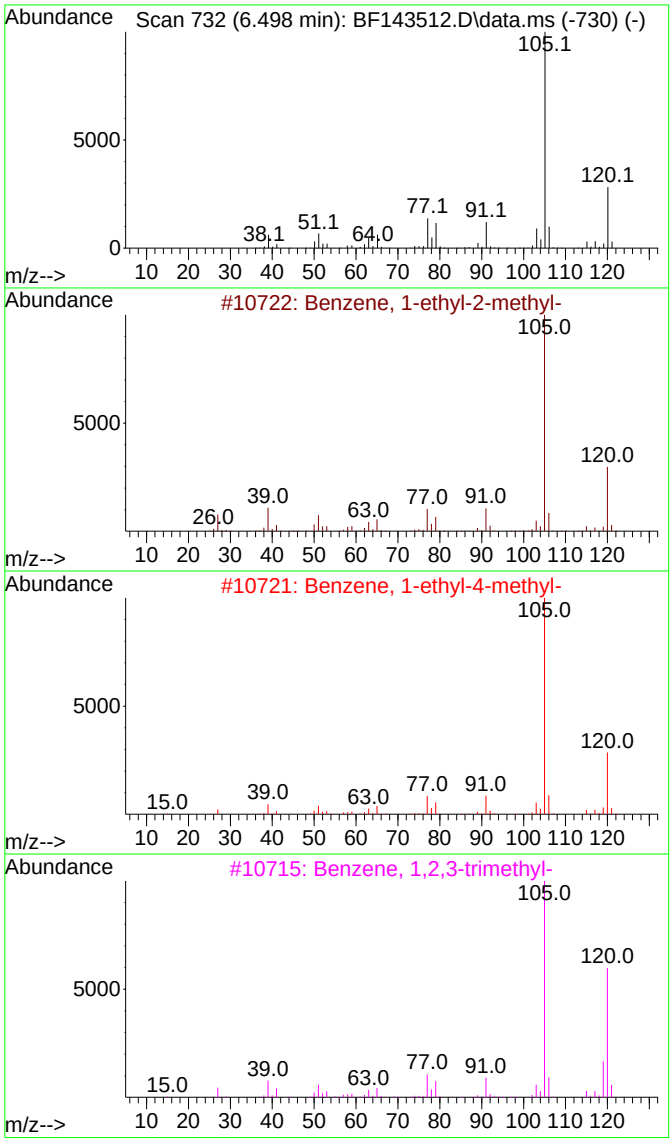
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

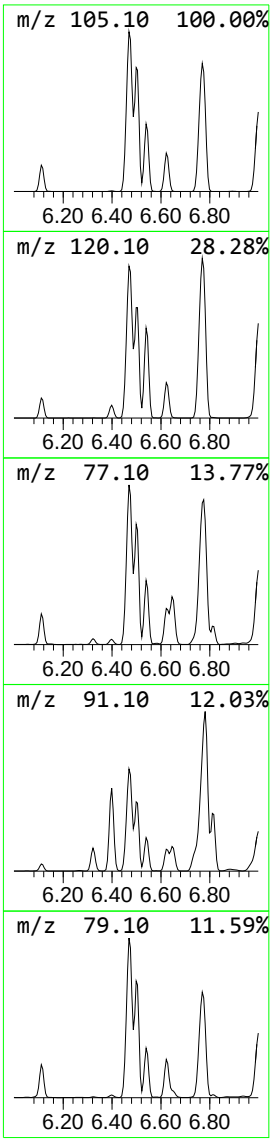
****

Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.498	18.59 ng	5120050	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

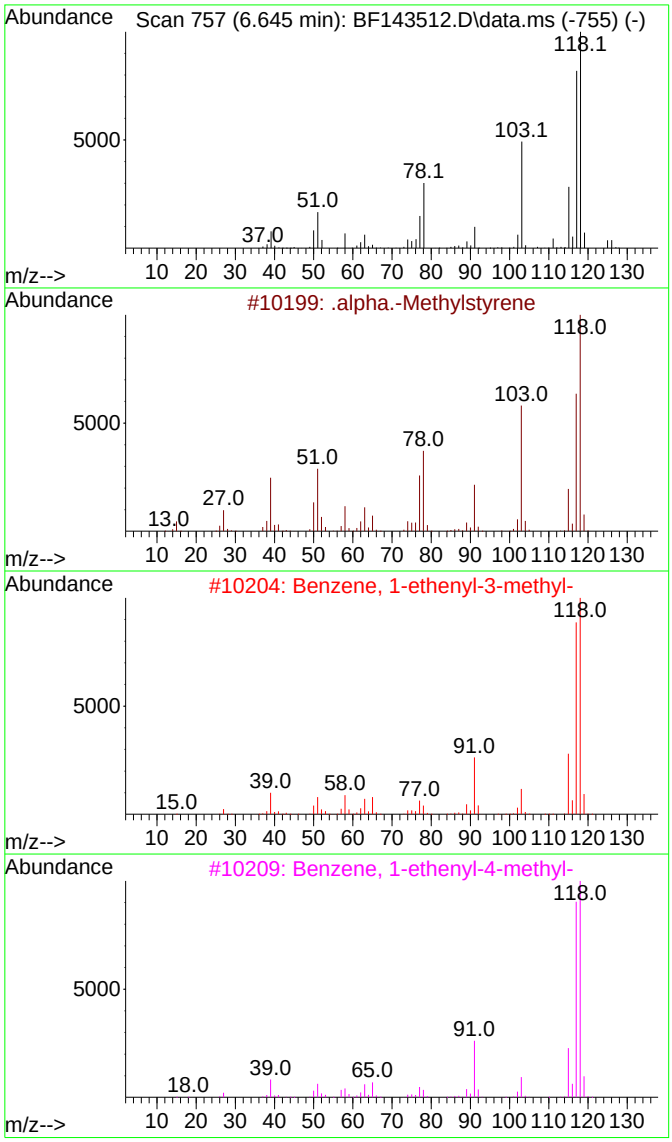
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

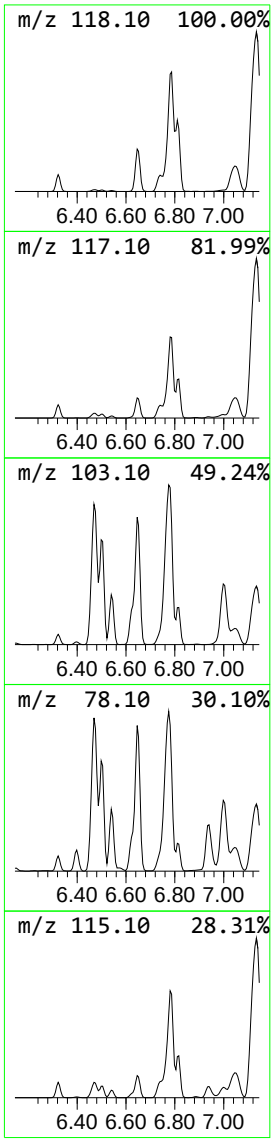
****

Peak Number 9 .alpha.-Methylstyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.645	7.70 ng	2119650	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	91
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	52
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	52
4	3-Phenyl-1-propanol, acetate	178	C11H14O2	000122-72-5	50
5	3-Phenylpropyl benzoate	240	C16H16O2	060045-26-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

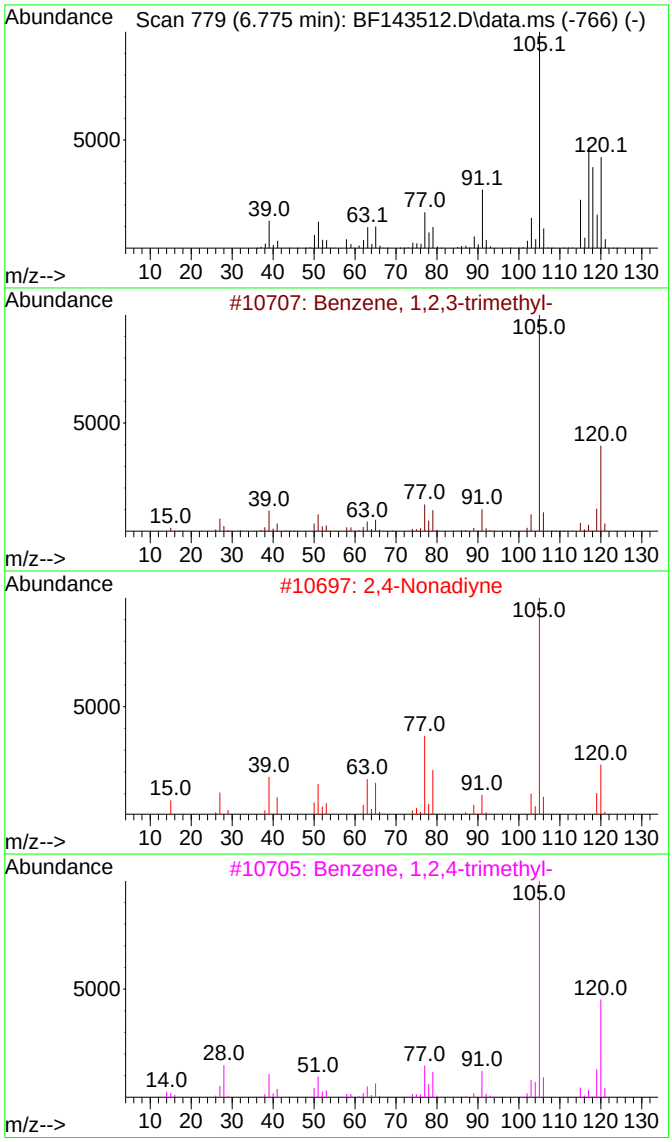
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

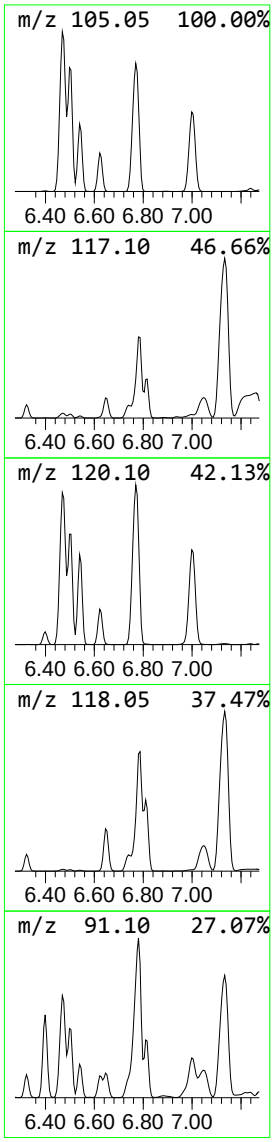
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.775	61.15 ng	16841100	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	55
2	2,4-Nonadiyne	120	C9H12	063621-15-8	50
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	49
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	46
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

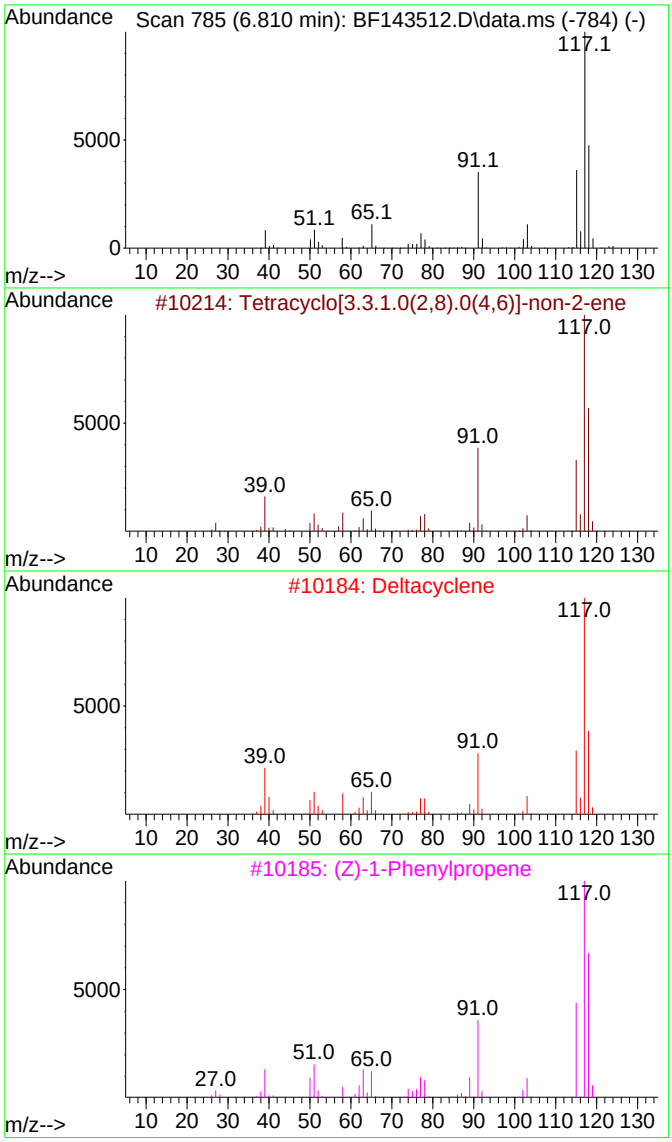
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

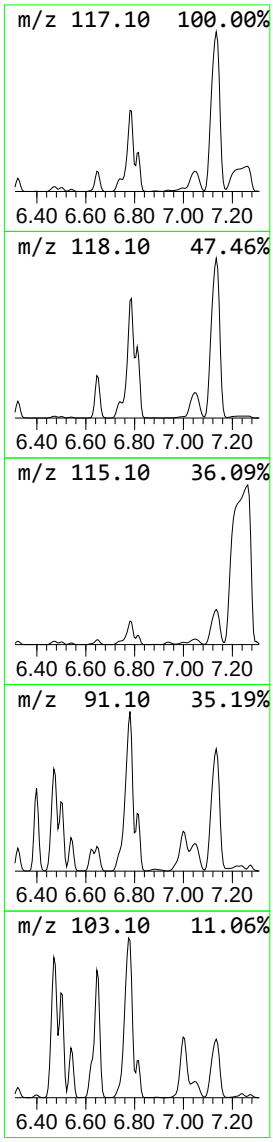
****

Peak Number 11 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.810	7.37 ng	2029300	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	87
2	Deltacyclene	118	C9H10	007785-10-6	80
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	80
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Indane	118	C9H10	000496-11-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

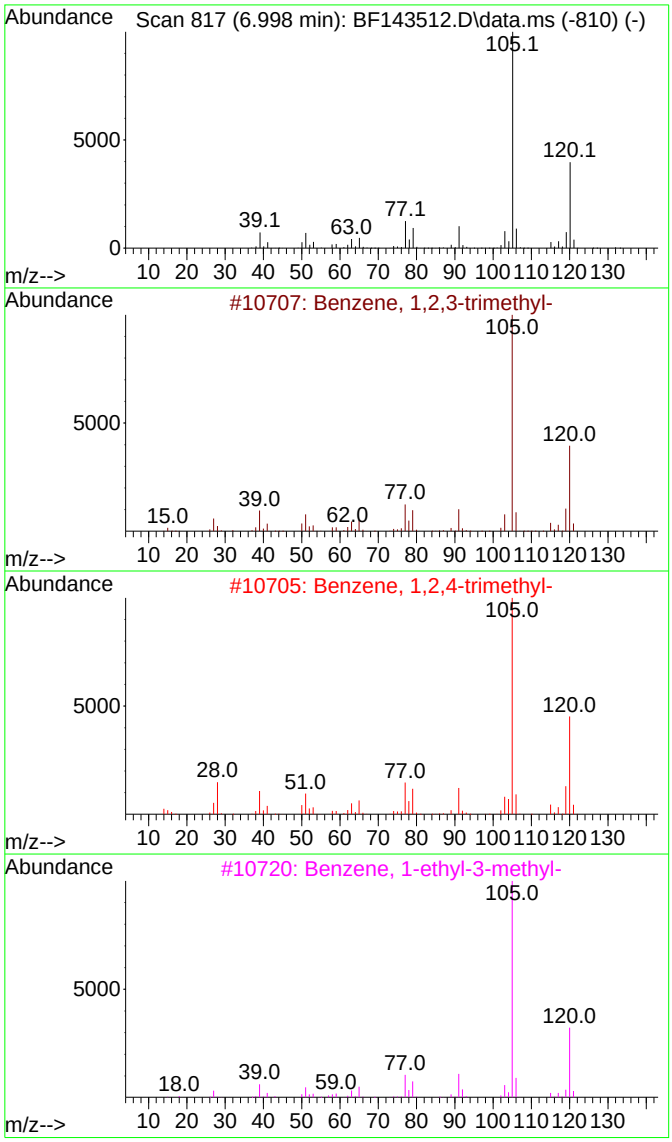
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

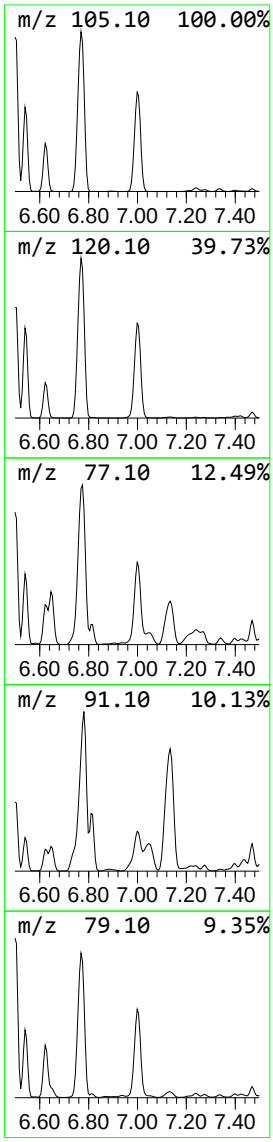
****

Peak Number 12 Benzene, 1,2,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.998	20.00 ng	5508140	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Sample Results: **BF143512.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

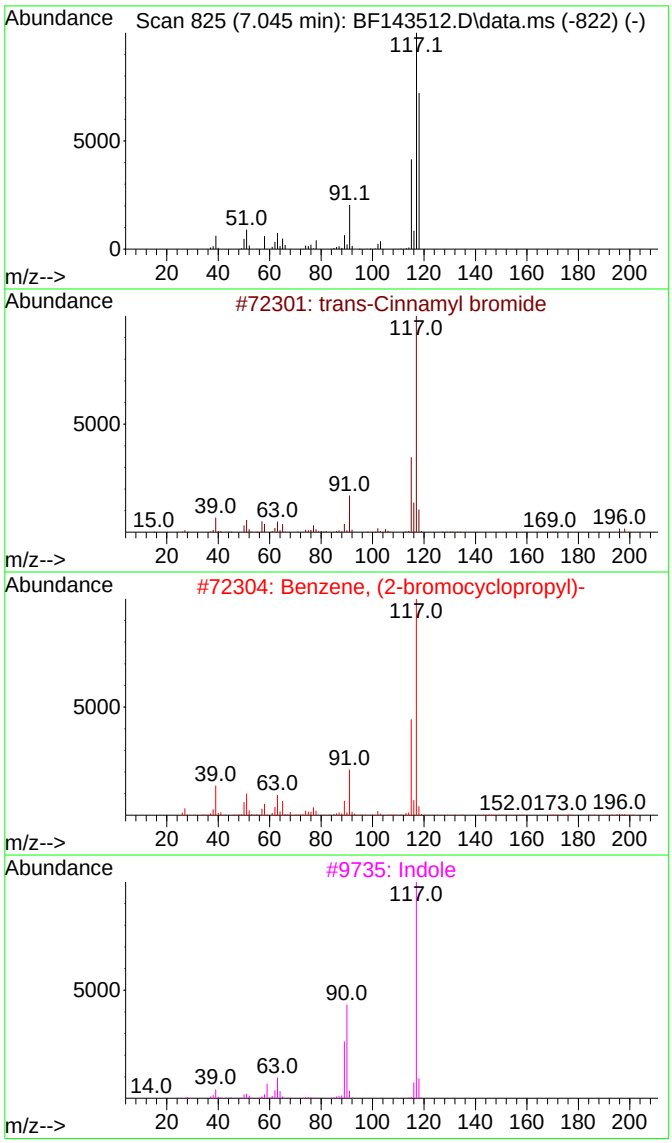
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

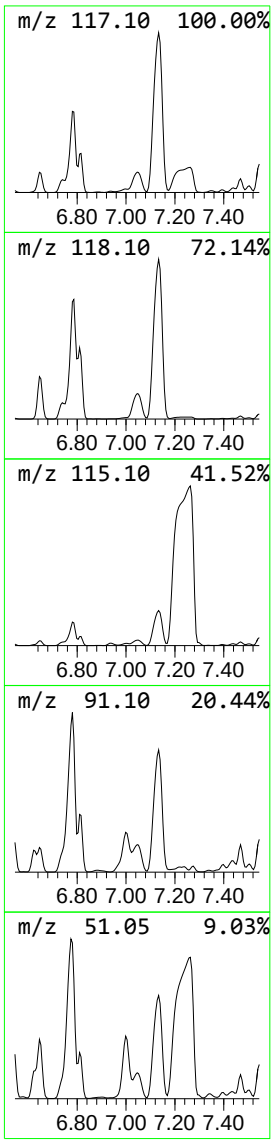
****

Peak Number 13 trans-Cinnamyl bromide Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.045	6.76 ng	1862470	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
2	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	59
3	Indole	117	C8H7N	000120-72-9	43
4	4-Ethynylaniline	117	C8H7N	014235-81-5	38
5	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

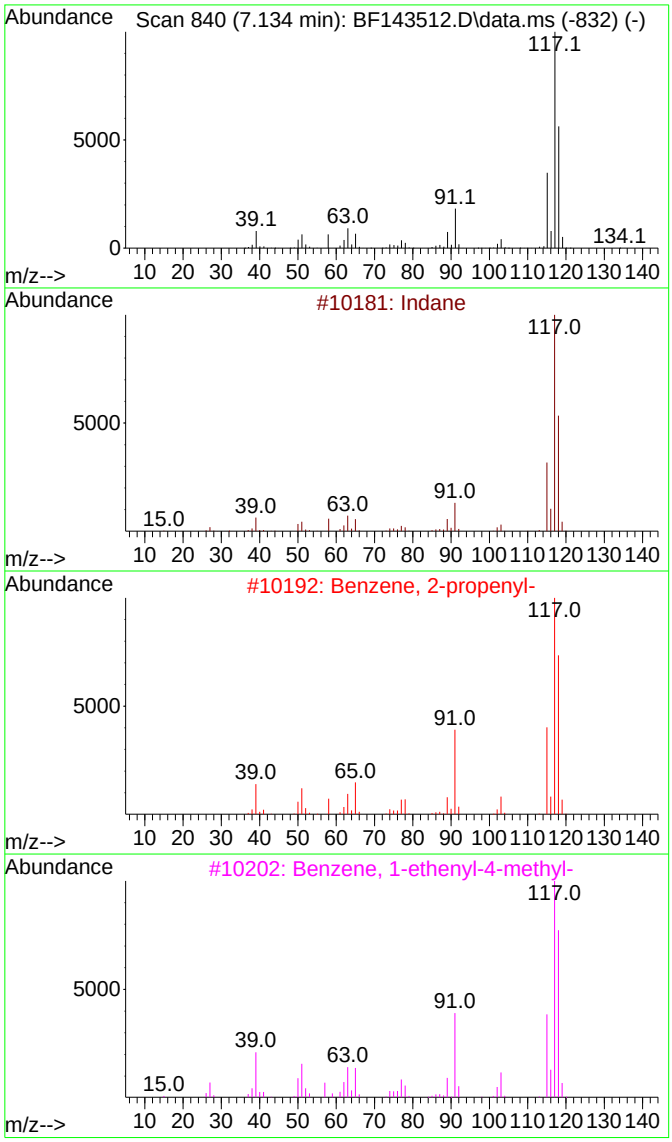
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

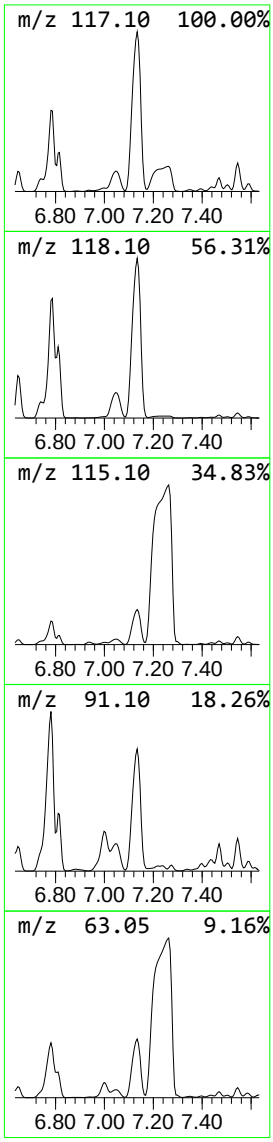
****

Peak Number 14 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.134	50.18 ng	13819300	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

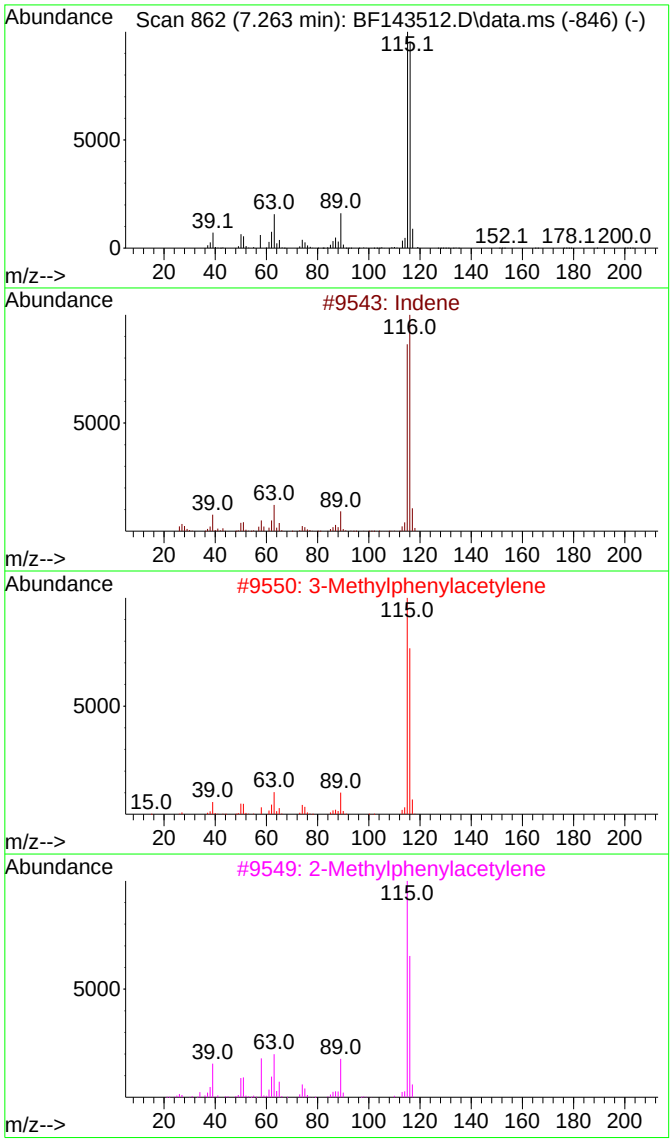
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

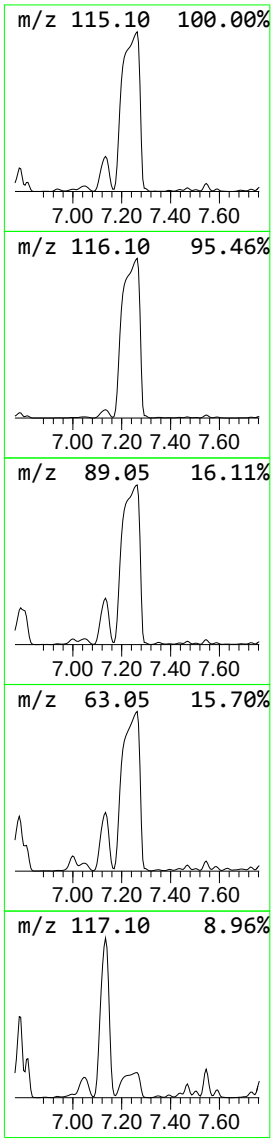
****

Peak Number 15 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.263	167.77 ng	46206200	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Sample Results: **BF143512.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

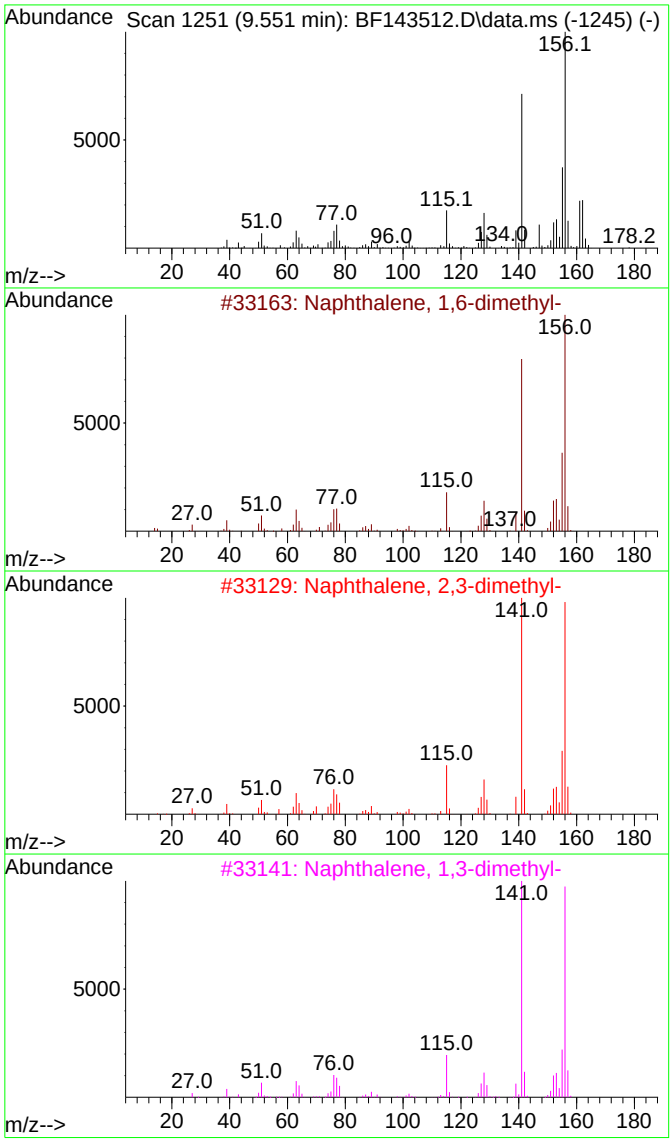
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

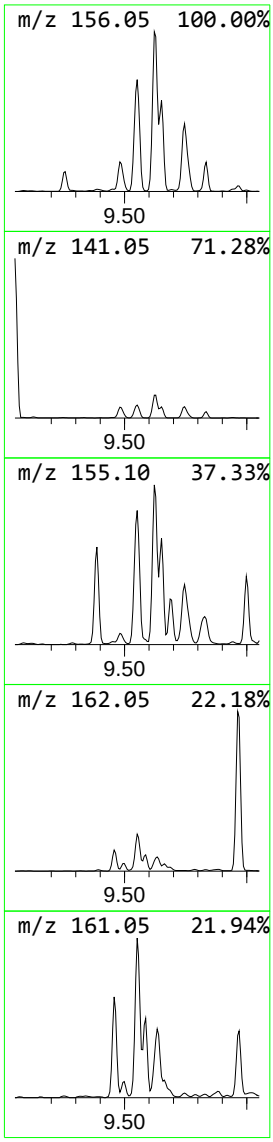
****

Peak Number 16 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	23.20 ng	1581920	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

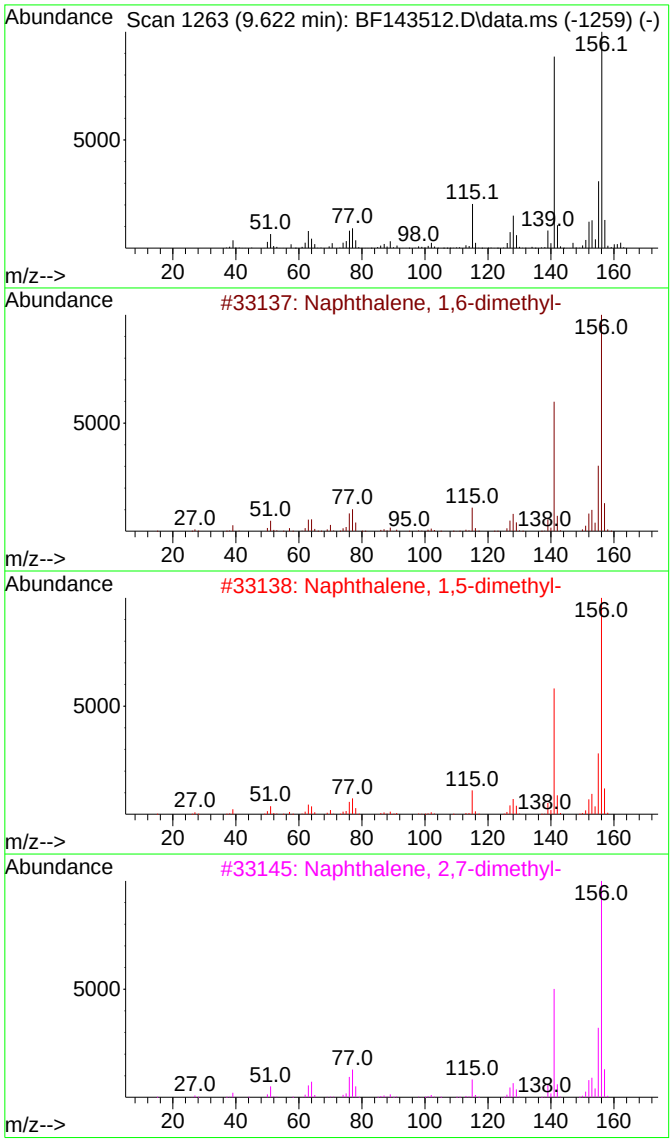
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

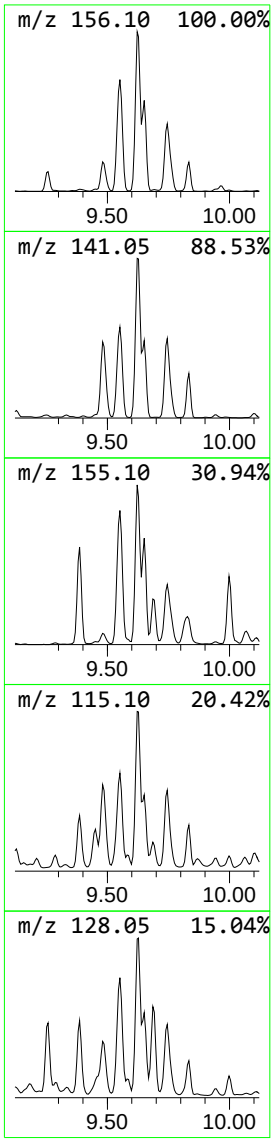
****

Peak Number 17 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	27.05 ng	1844590	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

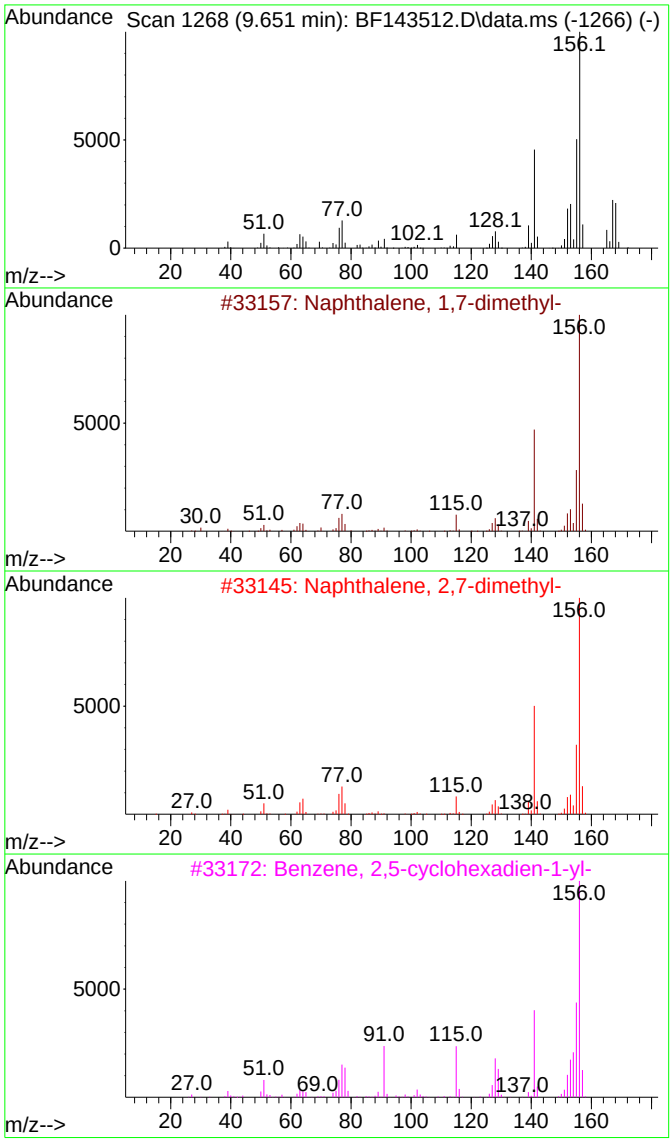
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

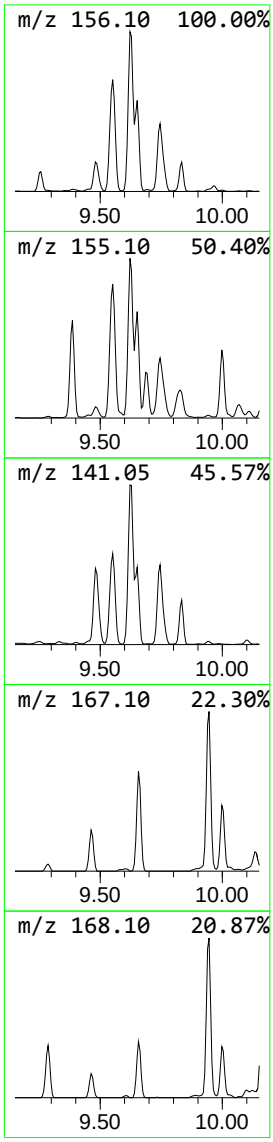
****

Peak Number 18 Naphthalene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	11.77 ng	802703	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
3	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	70
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	64
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

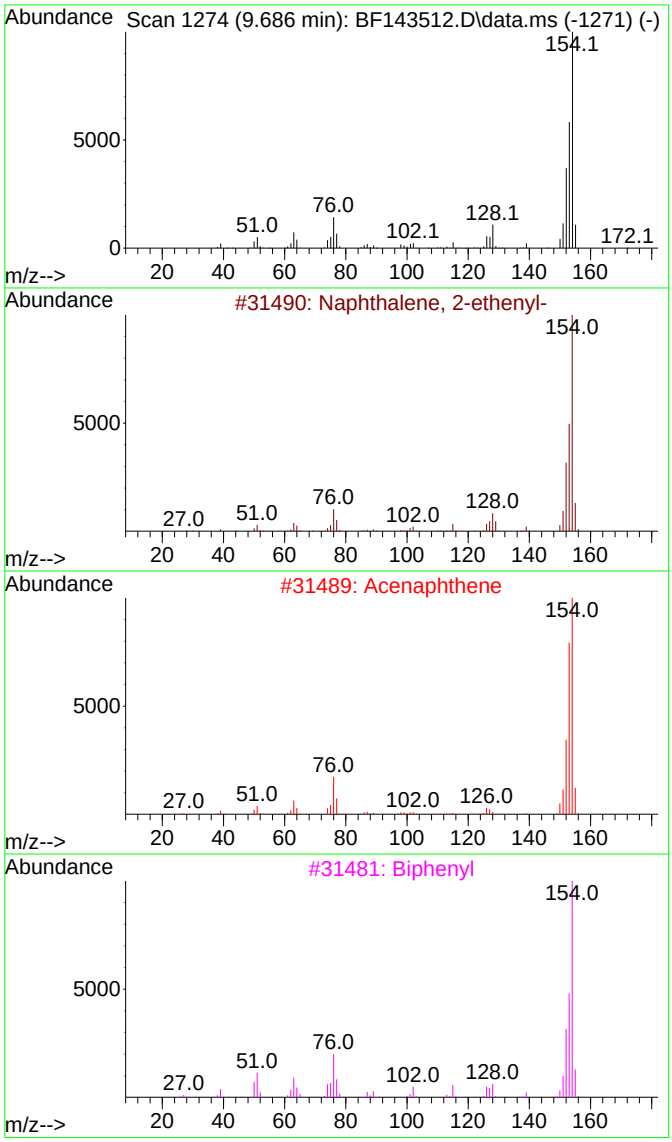
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

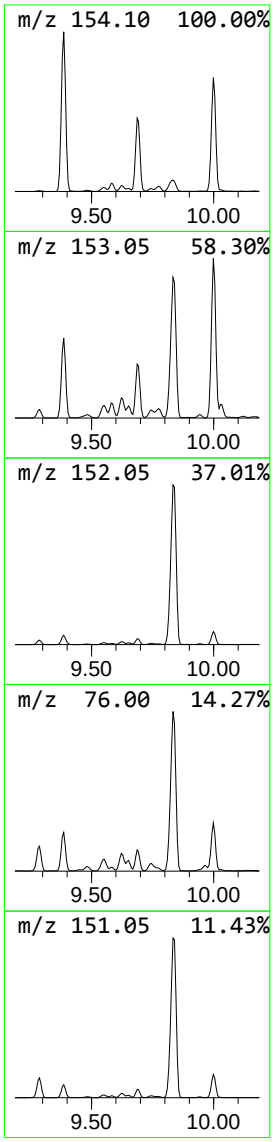
****

Peak Number 19 Naphthalene, 2-ethenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.686	12.40 ng	845313	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
2	Acenaphthene	154	C12H10	000083-32-9	93
3	Biphenyl	154	C12H10	000092-52-4	90
4	1-Isoquinolinecarbonitrile	154	C10H6N2	001198-30-7	43
5	3-Quinolinecarbonitrile	154	C10H6N2	034846-64-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

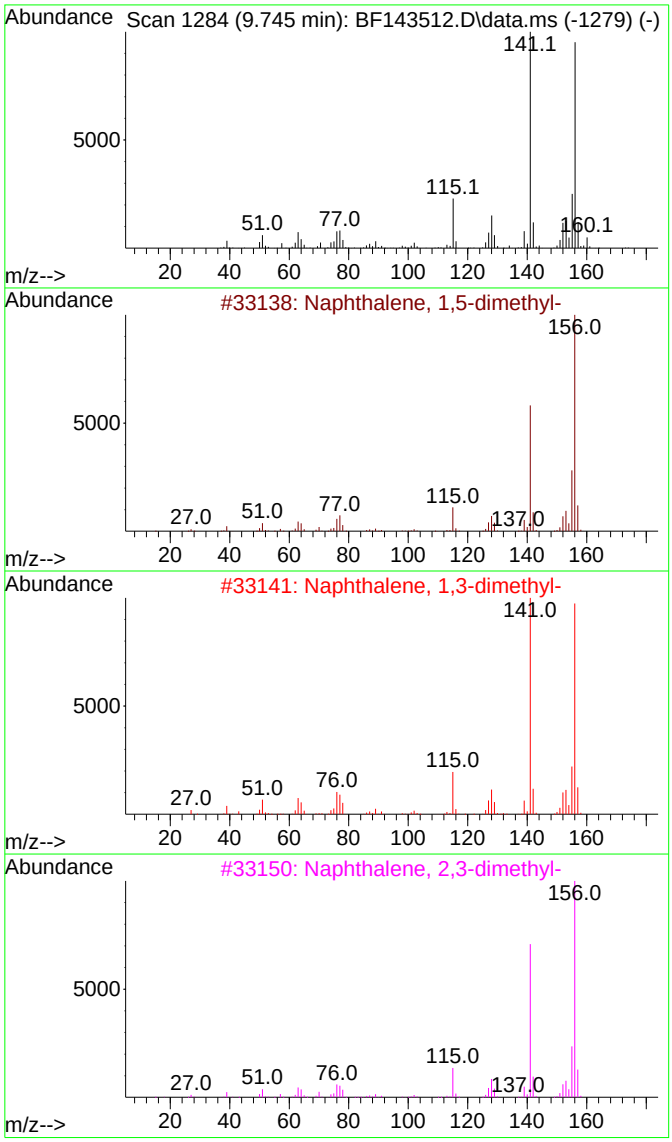
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

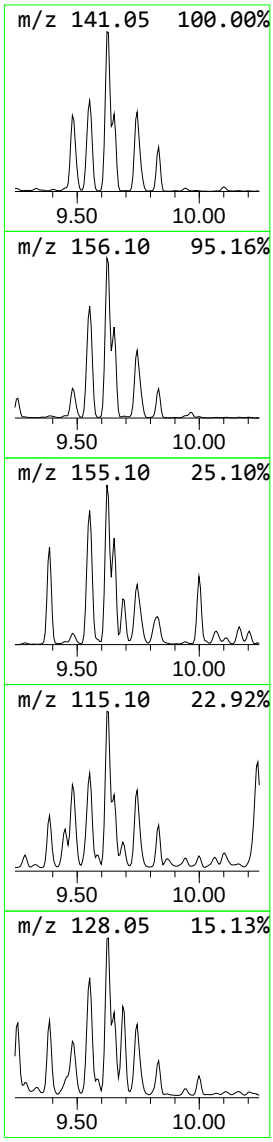
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	13.83 ng	943462	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143512.D
Acq On : 21 Aug 2025 04:49
Operator : RC/JU
Sample : Q2900-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.269	16.2	ng	4457490	1	6.940	5508140	20.0
1,3,5-Cycloheptt...	4.140	150.8	ng	41544100	1	6.940	5508140	20.0
1,3-Cyclopentad...	5.463	84.8	ng	23345100	1	6.940	5508140	20.0
Bicyclo[4.2.0]o...	5.828	106.5	ng	29320800	1	6.940	5508140	20.0
Benzene, 1-ethy...	6.469	33.4	ng	9202210	1	6.940	5508140	20.0
Benzene, 1-ethy...	6.498	18.6	ng	5120050	1	6.940	5508140	20.0
.alpha.-Methyls...	6.645	7.7	ng	2119650	1	6.940	5508140	20.0
Benzene, 1,2,3-...	6.775	61.1	ng	16841100	1	6.940	5508140	20.0
Tetracyclo[3.3....	6.810	7.4	ng	2029300	1	6.940	5508140	20.0
Benzene, 1,2,4-...	6.998	20.0	ng	5508140	1	6.940	5508140	20.0
trans-Cinnamyl ...	7.045	6.8	ng	1862470	1	6.940	5508140	20.0
Indane	7.134	50.2	ng	13819300	1	6.940	5508140	20.0
Indene	7.263	167.8	ng	46206200	1	6.940	5508140	20.0
Naphthalene, 1,...	9.551	23.2	ng	1581920	3	9.963	1363900	20.0
Naphthalene, 1,...	9.622	27.1	ng	1844590	3	9.963	1363900	20.0
Naphthalene, 1,...	9.651	11.8	ng	802703	3	9.963	1363900	20.0
Naphthalene, 2-...	9.686	12.4	ng	845313	3	9.963	1363900	20.0
Naphthalene, 1,...	9.745	13.8	ng	943462	3	9.963	1363900	20.0

Raw Data: **BF143523.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	DUP-01-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-03DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143523.D	20	08/19/25 09:29	08/21/25 11:47	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	220	UD	84.1	220	ug/L
108-95-2	Phenol	110	UD	19.6	110	ug/L
111-44-4	bis(2-Chloroethyl)ether	110	UD	17.4	110	ug/L
95-57-8	2-Chlorophenol	110	UD	12.5	110	ug/L
95-48-7	2-Methylphenol	110	UD	24.1	110	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	110	UD	27.5	110	ug/L
98-86-2	Acetophenone	110	UD	15.9	110	ug/L
65794-96-9	3+4-Methylphenols	220	UD	23.7	220	ug/L
621-64-7	n-Nitroso-di-n-propylamine	53.8	UD	30.3	53.8	ug/L
67-72-1	Hexachloroethane	110	UD	14.0	110	ug/L
98-95-3	Nitrobenzene	110	UD	16.3	110	ug/L
78-59-1	Isophorone	110	UD	16.1	110	ug/L
88-75-5	2-Nitrophenol	110	UD	37.8	110	ug/L
105-67-9	2,4-Dimethylphenol	110	UD	39.8	110	ug/L
111-91-1	bis(2-Chloroethoxy)methane	110	UD	14.6	110	ug/L
120-83-2	2,4-Dichlorophenol	110	UD	11.2	110	ug/L
91-20-3	Naphthalene	4300	ED	10.8	110	ug/L
106-47-8	4-Chloroaniline	110	UD	18.1	110	ug/L
87-68-3	Hexachlorobutadiene	110	UD	11.6	110	ug/L
105-60-2	Caprolactam	220	UD	24.3	220	ug/L
59-50-7	4-Chloro-3-methylphenol	110	UD	12.7	110	ug/L
91-57-6	2-Methylnaphthalene	520	D	12.0	110	ug/L
77-47-4	Hexachlorocyclopentadiene	220	UD	78.1	220	ug/L
88-06-2	2,4,6-Trichlorophenol	110	UD	11.0	110	ug/L
95-95-4	2,4,5-Trichlorophenol	110	UD	13.3	110	ug/L
92-52-4	1,1-Biphenyl	110	UD	11.4	110	ug/L
91-58-7	2-Chloronaphthalene	110	UD	13.1	110	ug/L
88-74-4	2-Nitroaniline	110	UD	27.1	110	ug/L
131-11-3	Dimethylphthalate	110	UD	13.1	110	ug/L

Raw Data: **BF143523.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	DUP-01-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-03DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143523.D	20	08/19/25 09:29	08/21/25 11:47	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	190	D	16.1	110	ug/L
606-20-2	2,6-Dinitrotoluene	110	UD	19.8	110	ug/L
99-09-2	3-Nitroaniline	110	UD	22.6	110	ug/L
83-32-9	Acenaphthene	110	UD	11.8	110	ug/L
51-28-5	2,4-Dinitrophenol	220	UD	130	220	ug/L
100-02-7	4-Nitrophenol	220	UD	51.2	220	ug/L
132-64-9	Dibenzofuran	110	UD	13.1	110	ug/L
121-14-2	2,4-Dinitrotoluene	110	UD	26.2	110	ug/L
84-66-2	Diethylphthalate	110	UD	14.8	110	ug/L
7005-72-3	4-Chlorophenyl-phenylether	110	UD	14.6	110	ug/L
86-73-7	Fluorene	110	UD	13.5	110	ug/L
100-01-6	4-Nitroaniline	110	UD	32.3	110	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	220	UD	61.9	220	ug/L
86-30-6	n-Nitrosodiphenylamine	110	UD	12.5	110	ug/L
101-55-3	4-Bromophenyl-phenylether	110	UD	8.60	110	ug/L
118-74-1	Hexachlorobenzene	110	UD	11.2	110	ug/L
1912-24-9	Atrazine	110	UD	21.7	110	ug/L
87-86-5	Pentachlorophenol	220	UD	34.0	220	ug/L
85-01-8	Phenanthrene	110	UD	10.8	110	ug/L
120-12-7	Anthracene	110	UD	13.1	110	ug/L
86-74-8	Carbazole	110	UD	15.5	110	ug/L
84-74-2	Di-n-butylphthalate	110	UD	26.2	110	ug/L
206-44-0	Fluoranthene	110	UD	17.6	110	ug/L
129-00-0	Pyrene	110	UD	10.8	110	ug/L
85-68-7	Butylbenzylphthalate	110	UDQ	41.5	110	ug/L
91-94-1	3,3-Dichlorobenzidine	220	UDQ	20.0	220	ug/L
56-55-3	Benzo(a)anthracene	110	UD	9.70	110	ug/L
218-01-9	Chrysene	110	UD	9.50	110	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	110	UD	34.4	110	ug/L
117-84-0	Di-n-octyl phthalate	220	UD	50.3	220	ug/L
205-99-2	Benzo(b)fluoranthene	110	UD	10.5	110	ug/L

Raw Data: **BF143523.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	DUP-01-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-03DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143523.D	20	08/19/25 09:29	08/21/25 11:47	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	110	UD	10.3	110	ug/L
50-32-8	Benzo(a)pyrene	110	UD	11.8	110	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	110	UD	12.7	110	ug/L
53-70-3	Dibenzo(a,h)anthracene	110	UD	14.4	110	ug/L
191-24-2	Benzo(g,h,i)perylene	110	UD	14.8	110	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	110	UD	11.2	110	ug/L
123-91-1	1,4-Dioxane	110	UD	21.5	110	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	110	UD	15.5	110	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	40.7		23 - 138	27%	SPK: 150
13127-88-3	Phenol-d6	28.2		10 - 134	19%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.1		67 - 132	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.8		52 - 132	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	76.5		44 - 137	51%	SPK: 150
1718-51-0	Terphenyl-d14	66.7		42 - 152	67%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	120000	6.928			
1146-65-2	Naphthalene-d8	450000	8.21			
15067-26-2	Acenaphthene-d10	258000	9.963			
1517-22-2	Phenanthrene-d10	382000	11.451			
1719-03-5	Chrysene-d12	254000	14.092			
1520-96-3	Perylene-d12	291000	15.592			

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: **BF143523.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143523.D
Acq On : 21 Aug 2025 11:47
Operator : RC/JU
Sample : Q2900-03DL 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL

Quant Time: Aug 21 12:50:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	120053	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	450034	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	257551	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	381973	20.000	ng	0.00
76) Chrysene-d12	14.092	240	254066	20.000	ng	-0.01
86) Perylene-d12	15.592	264	290998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	13977	2.033	ng	0.00
7) Phenol-d6	6.569	99	11951	1.408	ng	0.00
23) Nitrobenzene-d5	7.481	82	26260	3.405	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	9171	3.825	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	59877	3.842	ng	0.00
79) Terphenyl-d14	13.033	244	48558	3.335	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.240	128	4304531	199.227	ng	97
37) 2-Methylnaphthalene	8.922	142	345864	23.968	ng	100
38) 1-Methylnaphthalene	9.022	142	262053	18.985	ng	100
49) Acenaphthylene	9.822	152	179051	8.718	ng	99

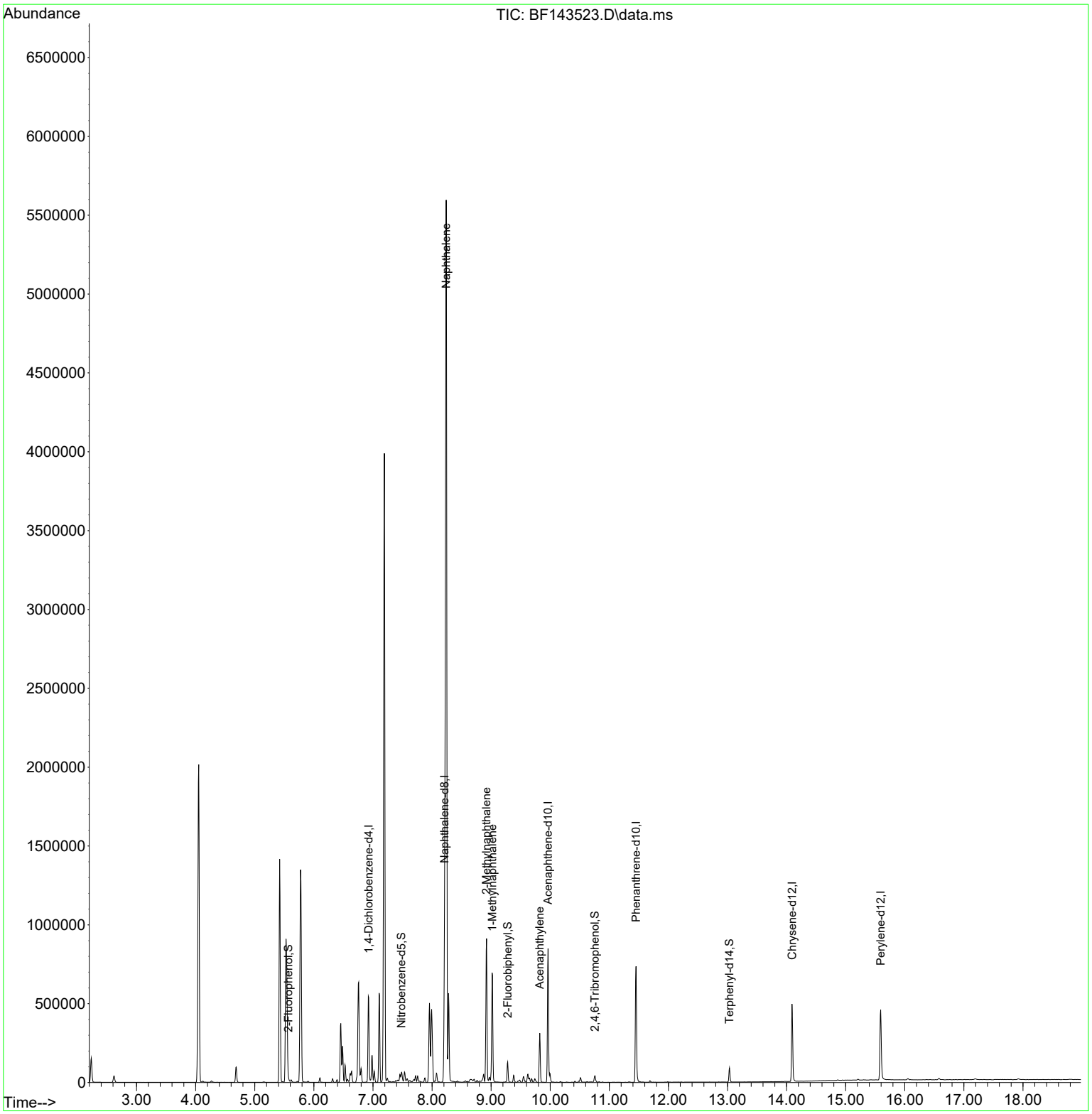
(#) = qualifier out of range (m) = manual integration (+) = signals summed

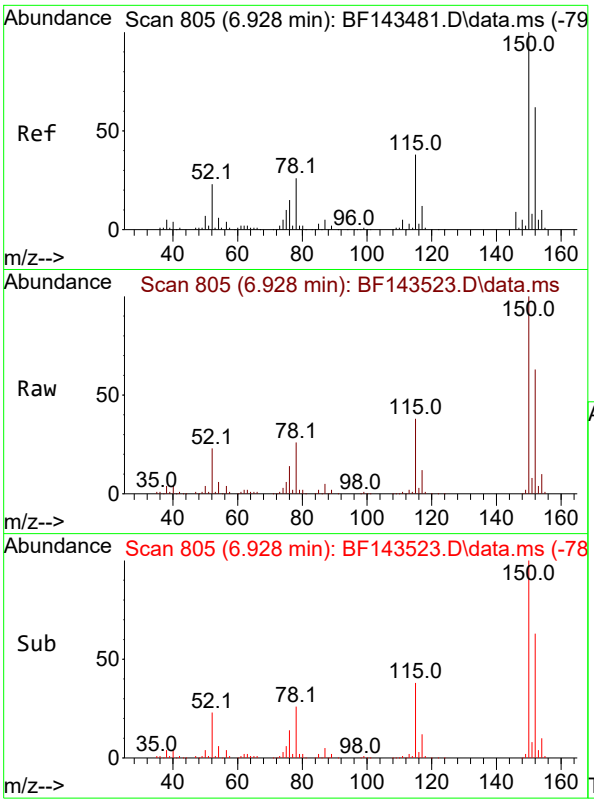
Sample Results: **BF143523.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143523.D
Acq On : 21 Aug 2025 11:47
Operator : RC/JU
Sample : Q2900-03DL 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL

Quant Time: Aug 21 12:50:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration



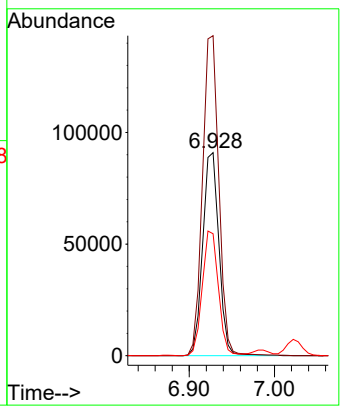


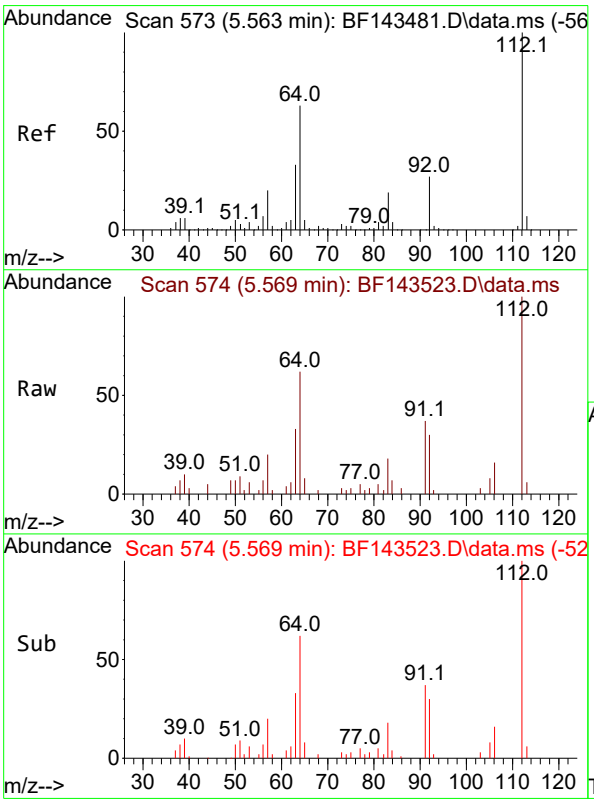
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143523.D
Acq: 21 Aug 2025 11:47

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL

Tgt Ion:152 Resp: 120053

Ion	Ratio	Lower	Upper
152	100		
150	157.6	128.9	193.3
115	60.0	49.2	73.8

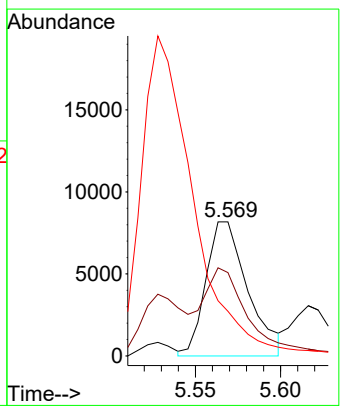


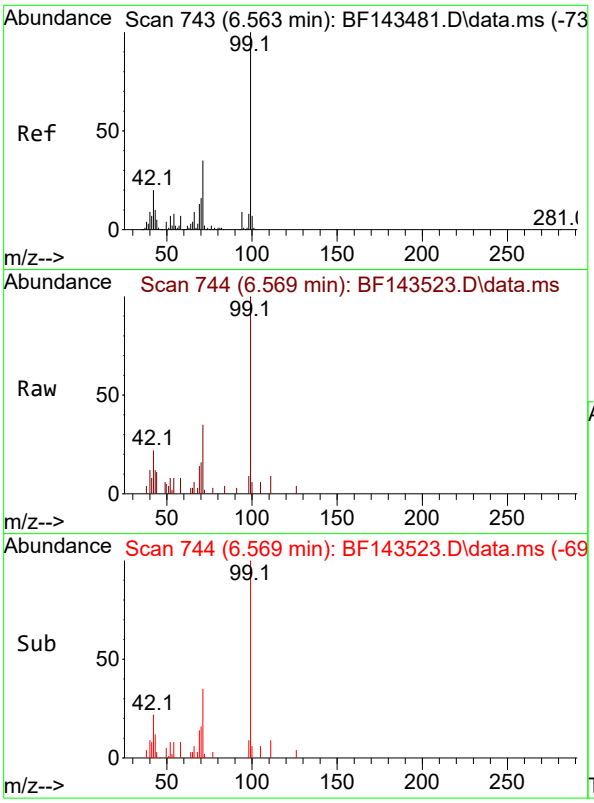


#5
2-Fluorophenol
Concen: 2.033 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF143523.D
Acq: 21 Aug 2025 11:47

Tgt Ion:112 Resp: 13977

Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.4	75.6
63	33.3	26.4	39.6



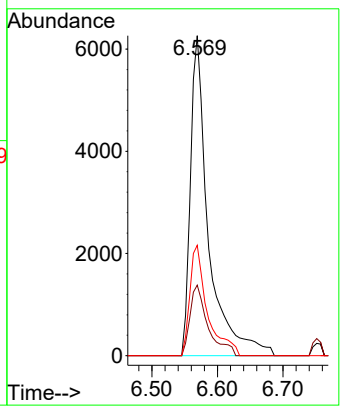


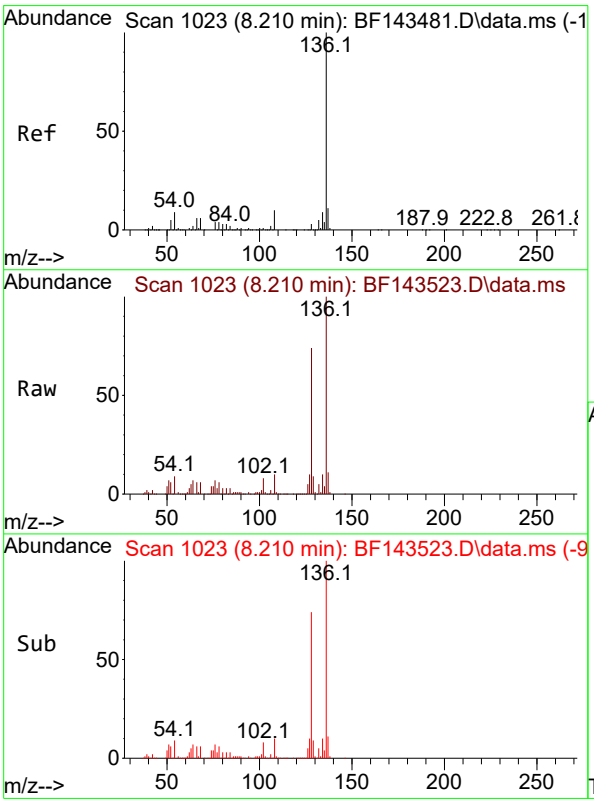
#7
Phenol-d6
Concen: 1.408 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143523.D
Acq: 21 Aug 2025 11:47

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL

Tgt Ion: 99 Resp: 11951

Ion	Ratio	Lower	Upper
99	100		
42	22.0	16.3	24.5
71	34.5	28.2	42.2

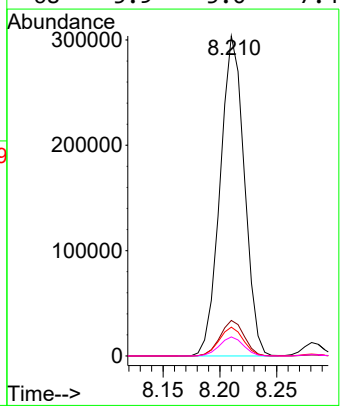


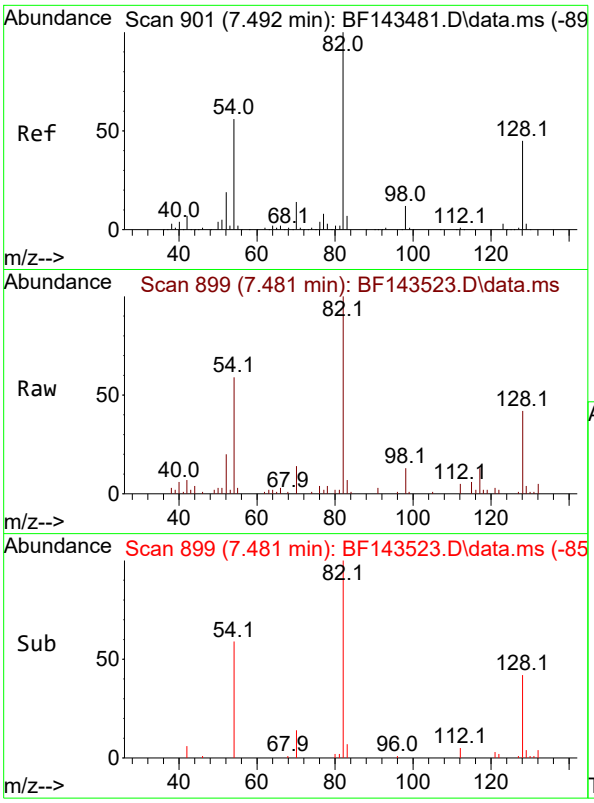


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143523.D
Acq: 21 Aug 2025 11:47

Tgt Ion:136 Resp: 450034

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.0	7.4	11.2
68	5.9	5.0	7.4



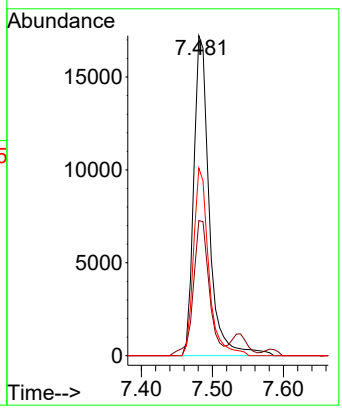


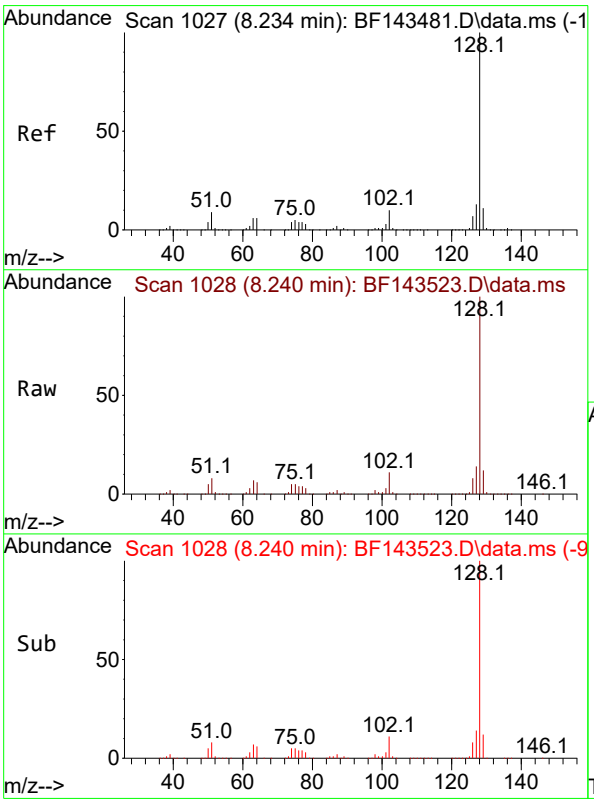
#23
Nitrobenzene-d5
Concen: 3.405 ng
RT: 7.481 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143523.D
Acq: 21 Aug 2025 11:47

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL

Tgt Ion: 82 Resp: 26260

Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.5	53.3
54	58.7	44.3	66.5

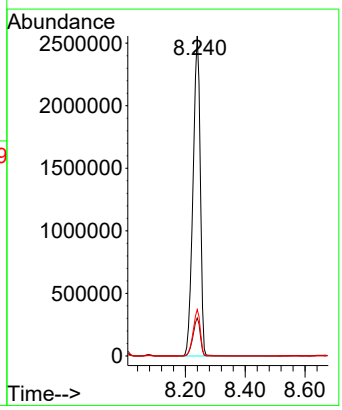


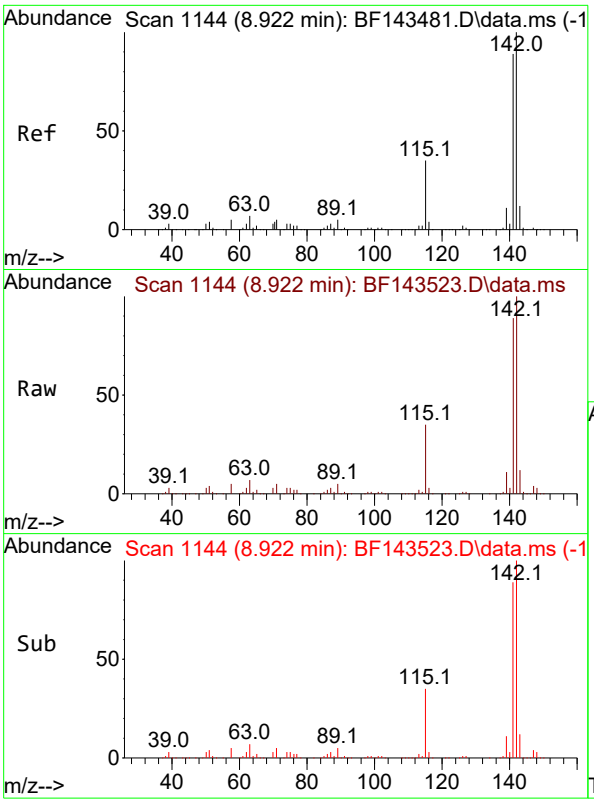


#31
Naphthalene
Concen: 199.227 ng
RT: 8.240 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF143523.D
Acq: 21 Aug 2025 11:47

Tgt Ion:128 Resp: 4304531

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	14.5	10.6	16.0



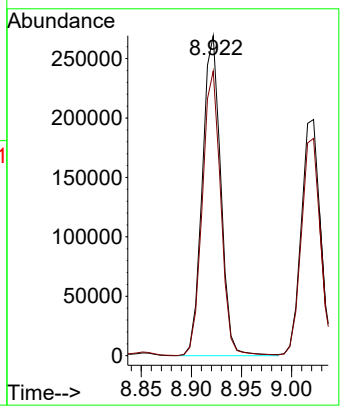


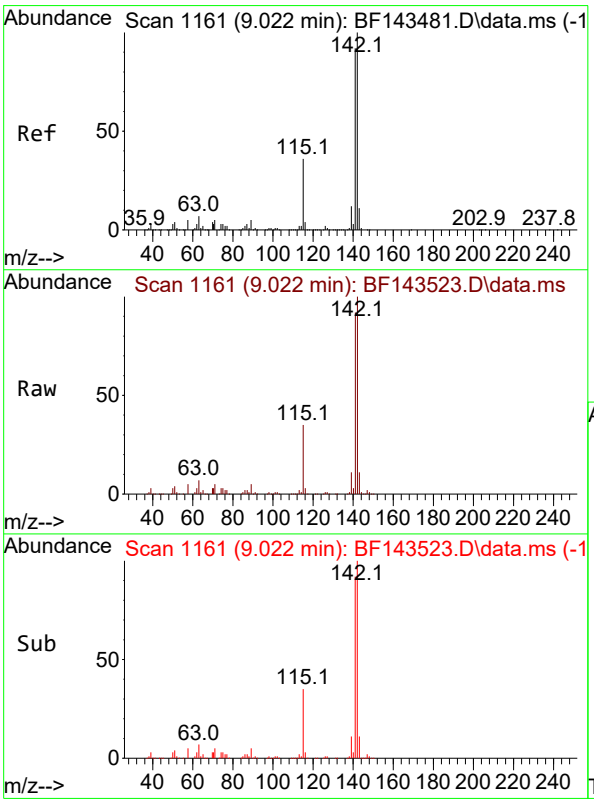
#37
2-Methylnaphthalene
Concen: 23.968 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143523.D
Acq: 21 Aug 2025 11:47

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL

Tgt Ion:142 Resp: 345864

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.4

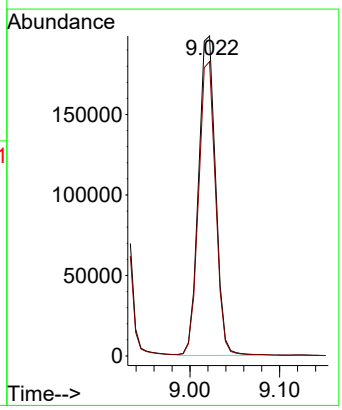


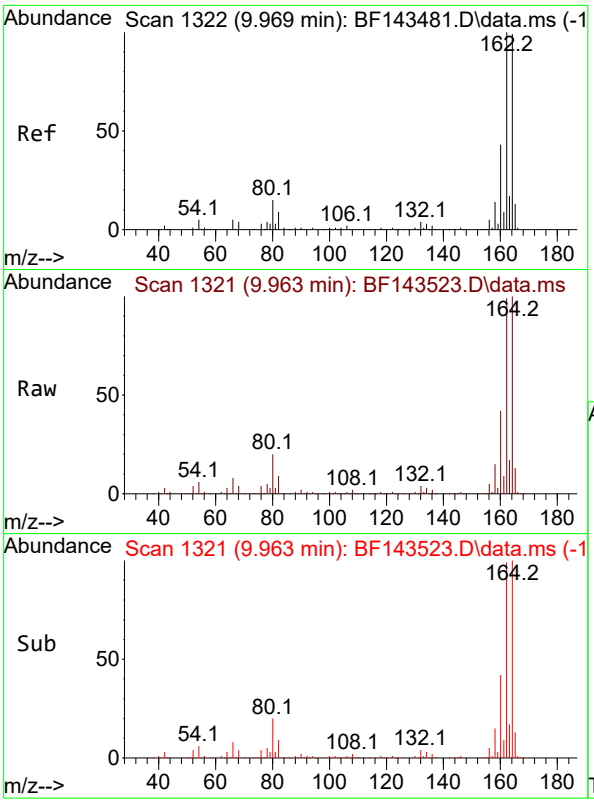


#38
1-Methylnaphthalene
Concen: 18.985 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143523.D
Acq: 21 Aug 2025 11:47

Tgt Ion:142 Resp: 262053

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.3	109.9



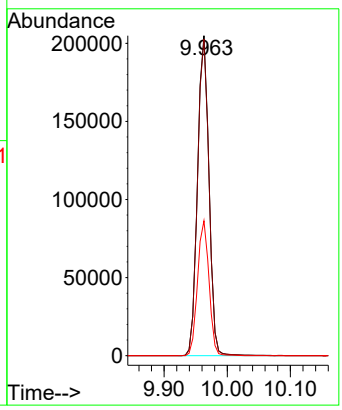


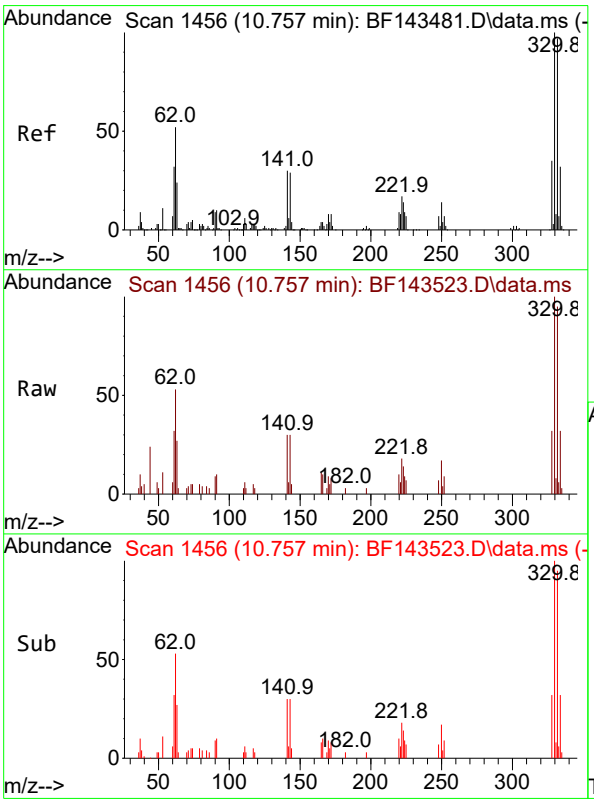
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143523.D
Acq: 21 Aug 2025 11:47

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL

Tgt Ion:164 Resp: 257551

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.5	120.7
160	42.2	34.3	51.5

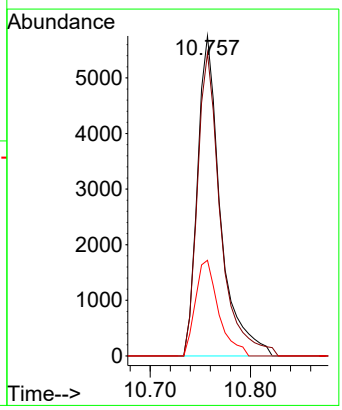


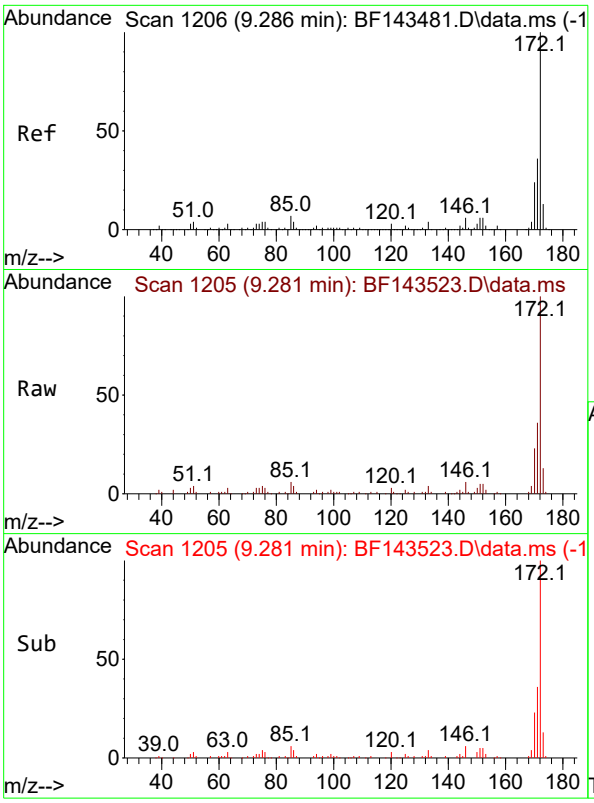


#42
2,4,6-Tribromophenol
Concen: 3.825 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143523.D
Acq: 21 Aug 2025 11:47

Tgt Ion:330 Resp: 9171

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.0	117.0
141	30.1	23.7	35.5



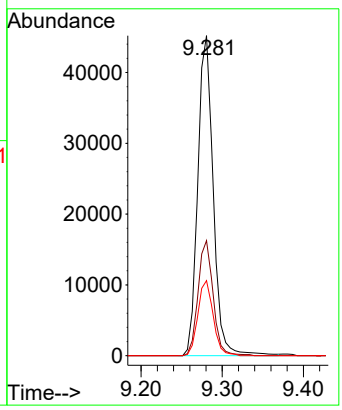


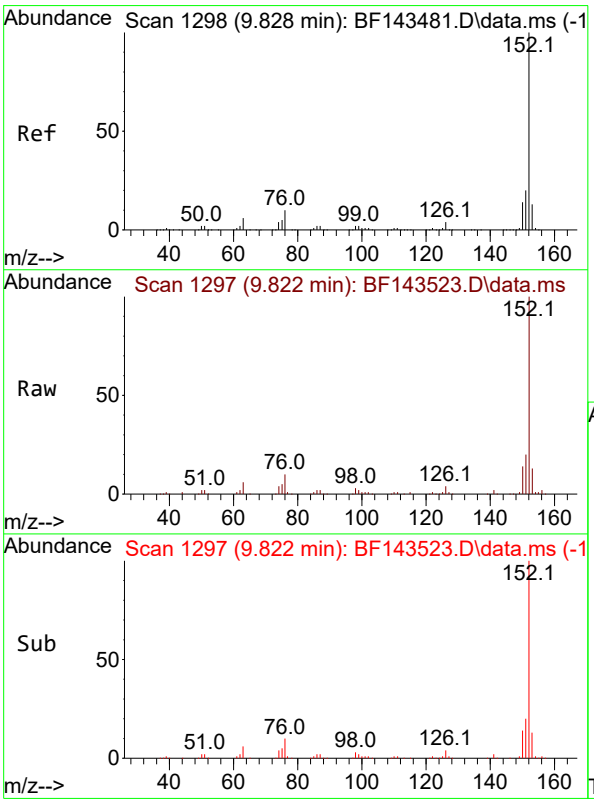
#45
2-Fluorobiphenyl
Concen: 3.842 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143523.D
Acq: 21 Aug 2025 11:47

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL

Tgt Ion:172 Resp: 59877

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.5	18.8	28.2

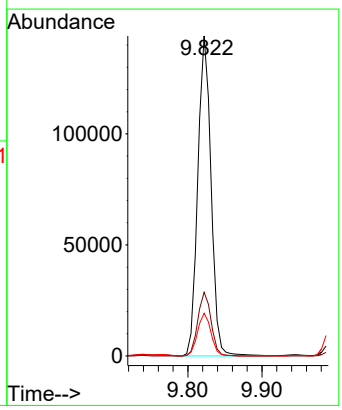


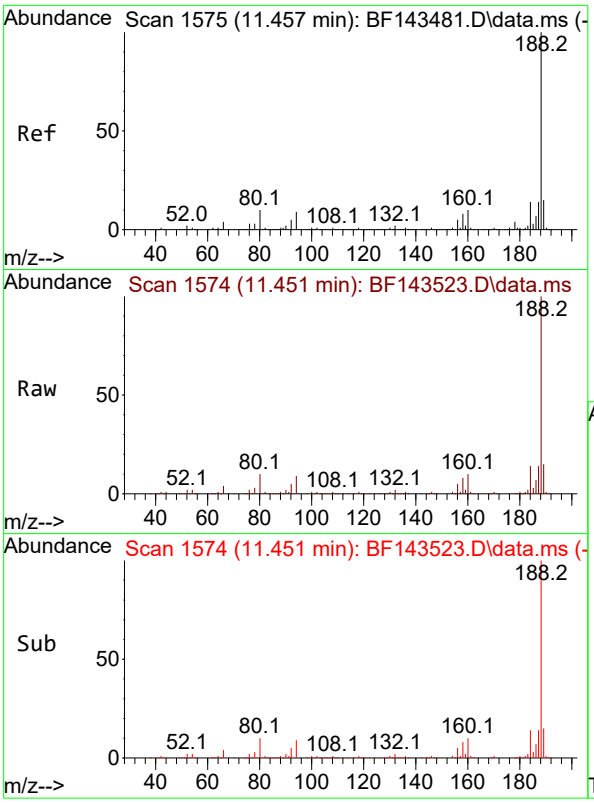


#49
Acenaphthylene
Concen: 8.718 ng
RT: 9.822 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF143523.D
Acq: 21 Aug 2025 11:47

Tgt Ion:152 Resp: 179051

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	13.3	10.6	15.8



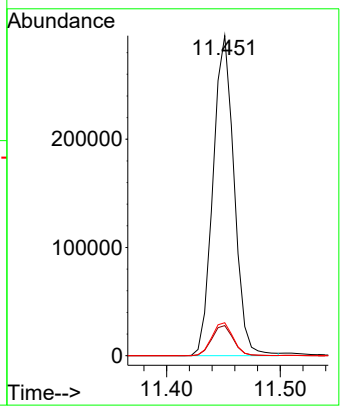


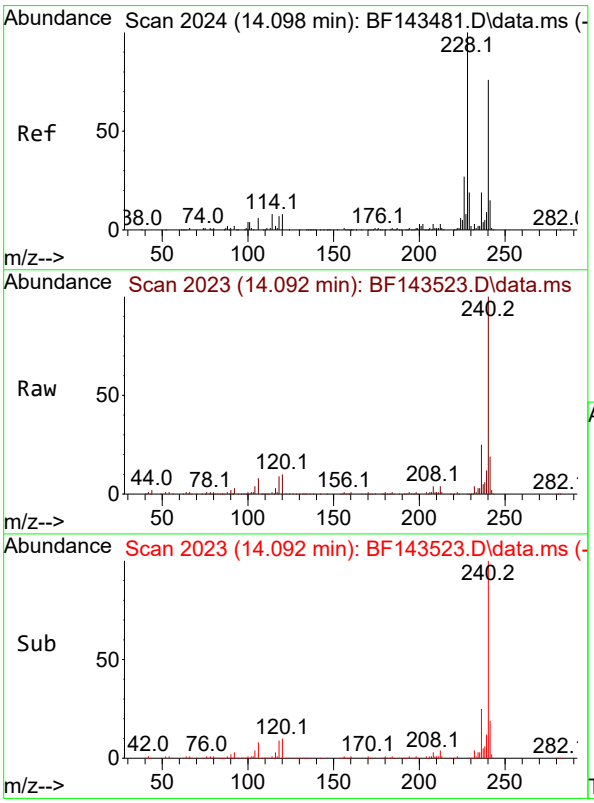
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143523.D
Acq: 21 Aug 2025 11:47

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL

Tgt Ion:188 Resp: 381973

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	10.3	8.2	12.4

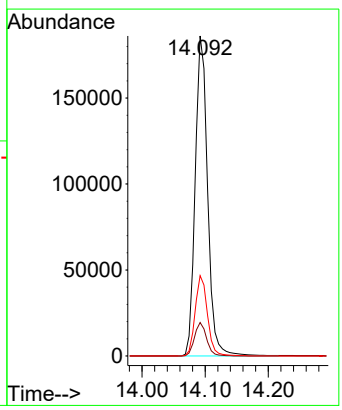


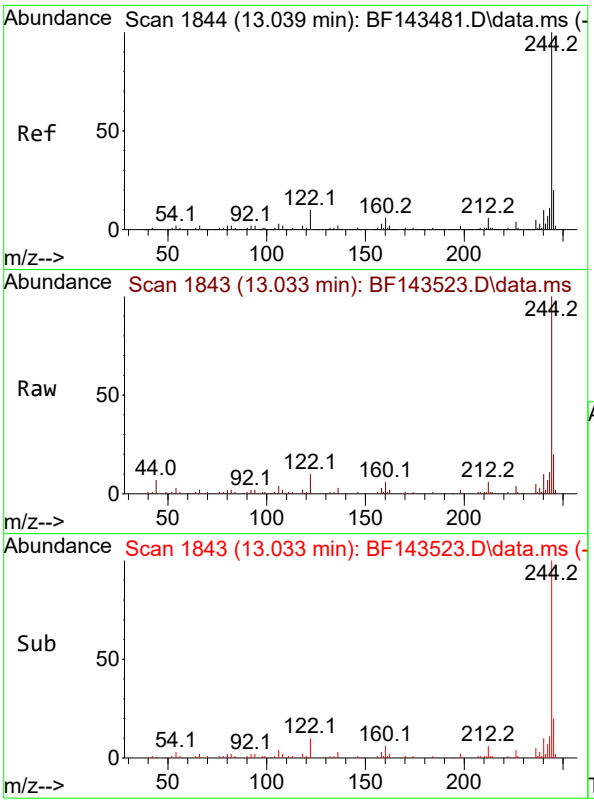


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143523.D
Acq: 21 Aug 2025 11:47

Tgt Ion:240 Resp: 254066

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	12.8
236	25.1	20.4	30.6



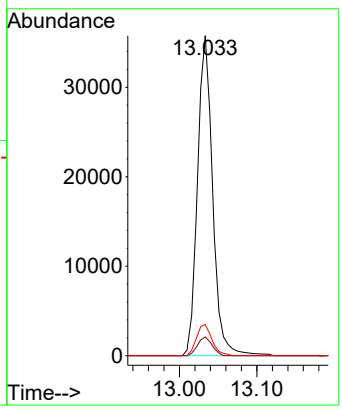


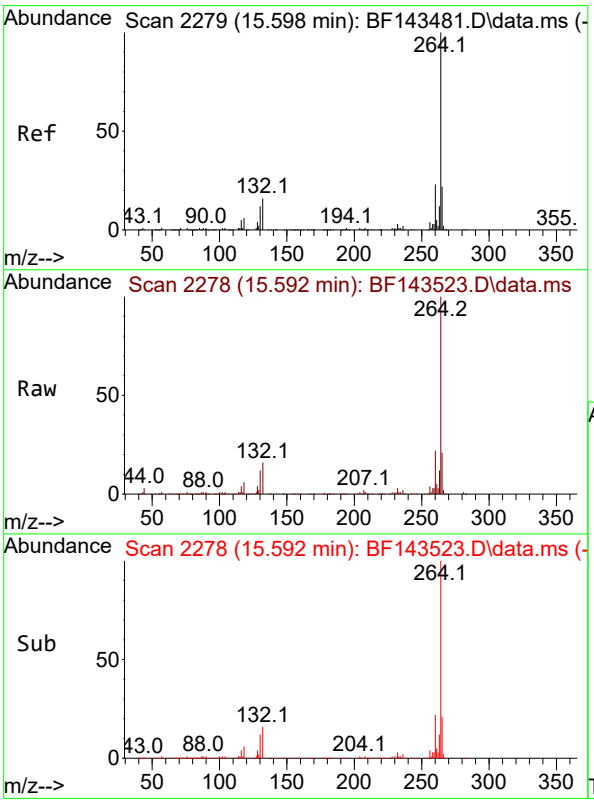
#79
Terphenyl-d14
Concen: 3.335 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143523.D
Acq: 21 Aug 2025 11:47

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL

Tgt Ion:244 Resp: 48558

Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.2	7.8
122	9.8	7.9	11.9

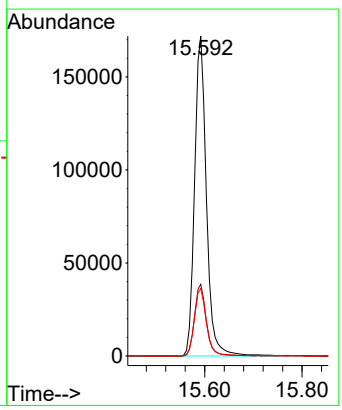




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143523.D
Acq: 21 Aug 2025 11:47

Tgt Ion:264 Resp: 290998

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	21.1	17.6	26.4



Raw Data: **BF143528.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	DUP-01-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-03DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143528.D	100	08/19/25 09:29	08/21/25 14:13	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	1100	UD	420	1100	ug/L
108-95-2	Phenol	540	UD	97.8	540	ug/L
111-44-4	bis(2-Chloroethyl)ether	540	UD	87.1	540	ug/L
95-57-8	2-Chlorophenol	540	UD	62.4	540	ug/L
95-48-7	2-Methylphenol	540	UD	120	540	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	540	UD	140	540	ug/L
98-86-2	Acetophenone	540	UD	79.6	540	ug/L
65794-96-9	3+4-Methylphenols	1100	UD	120	1100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	270	UD	150	270	ug/L
67-72-1	Hexachloroethane	540	UD	69.9	540	ug/L
98-95-3	Nitrobenzene	540	UD	81.7	540	ug/L
78-59-1	Isophorone	540	UD	80.6	540	ug/L
88-75-5	2-Nitrophenol	540	UD	190	540	ug/L
105-67-9	2,4-Dimethylphenol	540	UD	200	540	ug/L
111-91-1	bis(2-Chloroethoxy)methane	540	UD	73.1	540	ug/L
120-83-2	2,4-Dichlorophenol	540	UD	55.9	540	ug/L
91-20-3	Naphthalene	8300	D	53.8	540	ug/L
106-47-8	4-Chloroaniline	540	UD	90.3	540	ug/L
87-68-3	Hexachlorobutadiene	540	UD	58.1	540	ug/L
105-60-2	Caprolactam	1100	UD	120	1100	ug/L
59-50-7	4-Chloro-3-methylphenol	540	UD	63.4	540	ug/L
91-57-6	2-Methylnaphthalene	760	D	60.2	540	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	UD	390	1100	ug/L
88-06-2	2,4,6-Trichlorophenol	540	UD	54.8	540	ug/L
95-95-4	2,4,5-Trichlorophenol	540	UD	66.7	540	ug/L
92-52-4	1,1-Biphenyl	540	UD	57.0	540	ug/L
91-58-7	2-Chloronaphthalene	540	UD	65.6	540	ug/L
88-74-4	2-Nitroaniline	540	UD	140	540	ug/L
131-11-3	Dimethylphthalate	540	UD	65.6	540	ug/L

Raw Data: **BF143528.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	DUP-01-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-03DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143528.D	100	08/19/25 09:29	08/21/25 14:13	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	270	JD	80.6	540	ug/L
606-20-2	2,6-Dinitrotoluene	540	UD	98.9	540	ug/L
99-09-2	3-Nitroaniline	540	UD	110	540	ug/L
83-32-9	Acenaphthene	540	UD	59.1	540	ug/L
51-28-5	2,4-Dinitrophenol	1100	UD	640	1100	ug/L
100-02-7	4-Nitrophenol	1100	UD	260	1100	ug/L
132-64-9	Dibenzofuran	540	UD	65.6	540	ug/L
121-14-2	2,4-Dinitrotoluene	540	UD	130	540	ug/L
84-66-2	Diethylphthalate	540	UD	74.2	540	ug/L
7005-72-3	4-Chlorophenyl-phenylether	540	UD	73.1	540	ug/L
86-73-7	Fluorene	540	UD	67.7	540	ug/L
100-01-6	4-Nitroaniline	540	UD	160	540	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1100	UD	310	1100	ug/L
86-30-6	n-Nitrosodiphenylamine	540	UD	62.4	540	ug/L
101-55-3	4-Bromophenyl-phenylether	540	UD	43.0	540	ug/L
118-74-1	Hexachlorobenzene	540	UD	55.9	540	ug/L
1912-24-9	Atrazine	540	UD	110	540	ug/L
87-86-5	Pentachlorophenol	1100	UD	170	1100	ug/L
85-01-8	Phenanthrene	540	UD	53.8	540	ug/L
120-12-7	Anthracene	540	UD	65.6	540	ug/L
86-74-8	Carbazole	540	UD	77.4	540	ug/L
84-74-2	Di-n-butylphthalate	540	UD	130	540	ug/L
206-44-0	Fluoranthene	540	UD	88.2	540	ug/L
129-00-0	Pyrene	540	UD	53.8	540	ug/L
85-68-7	Butylbenzylphthalate	540	UDQ	210	540	ug/L
91-94-1	3,3-Dichlorobenzidine	1100	UDQ	100	1100	ug/L
56-55-3	Benzo(a)anthracene	540	UD	48.4	540	ug/L
218-01-9	Chrysene	540	UD	47.3	540	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	540	UD	170	540	ug/L
117-84-0	Di-n-octyl phthalate	1100	UD	250	1100	ug/L
205-99-2	Benzo(b)fluoranthene	540	UD	52.7	540	ug/L

Raw Data: **BF143528.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	DUP-01-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-03DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143528.D	100	08/19/25 09:29	08/21/25 14:13	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	540	UD	51.6	540	ug/L
50-32-8	Benzo(a)pyrene	540	UD	59.1	540	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	540	UD	63.4	540	ug/L
53-70-3	Dibenzo(a,h)anthracene	540	UD	72.0	540	ug/L
191-24-2	Benzo(g,h,i)perylene	540	UD	74.2	540	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	540	UD	55.9	540	ug/L
123-91-1	1,4-Dioxane	540	UD	110	540	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	540	UD	77.4	540	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	37.8		23 - 138	25%	SPK: 150
13127-88-3	Phenol-d6	31.3		10 - 134	21%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.9		67 - 132	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	115		52 - 132	115%	SPK: 100
118-79-6	2,4,6-Tribromophenol	60.6	*	44 - 137	40%	SPK: 150
1718-51-0	Terphenyl-d14	89.0		42 - 152	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	106000	6.928			
1146-65-2	Naphthalene-d8	407000	8.21			
15067-26-2	Acenaphthene-d10	216000	9.963			
1517-22-2	Phenanthrene-d10	311000	11.451			
1719-03-5	Chrysene-d12	211000	14.092			
1520-96-3	Perylene-d12	252000	15.592			

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: **BF143528.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143528.D
Acq On : 21 Aug 2025 14:13
Operator : RC/JU
Sample : Q2900-03DL2 100X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL2

Quant Time: Aug 21 14:31:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

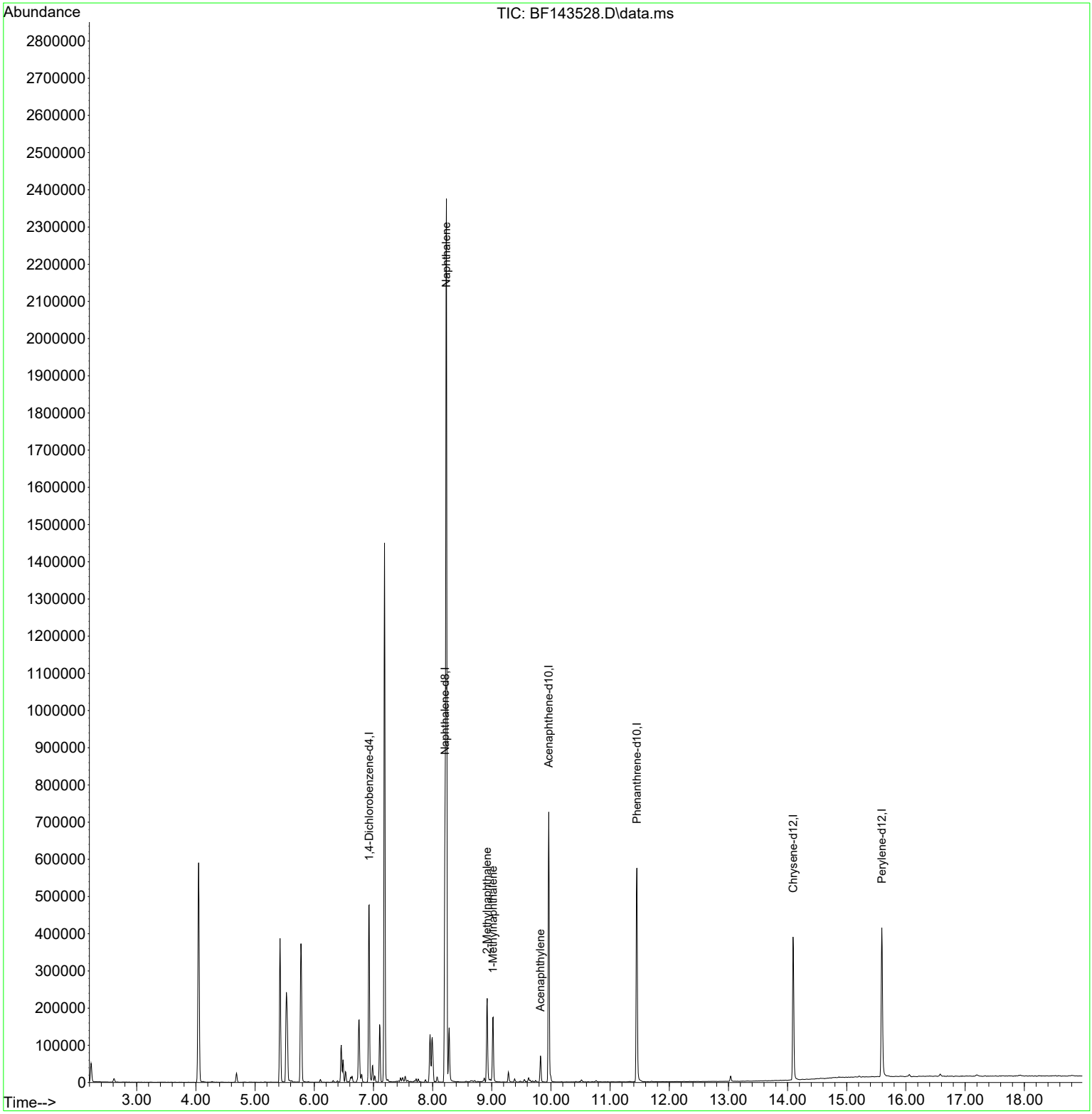
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	106391	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	406559	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	215536	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	311169	20.000	ng	0.00
76) Chrysene-d12	14.092	240	210624	20.000	ng	-0.01
86) Perylene-d12	15.592	264	252482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2305	0.378	ng	0.02
7) Phenol-d6	6.592	99	2356	0.313	ng	0.02
23) Nitrobenzene-d5	7.492	82	5776	0.829	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	1216	0.606	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	15056	1.154	ng	0.00
79) Terphenyl-d14	13.039	244	10745	0.890	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.233	128	1507874	77.252	ng	99
37) 2-Methylnaphthalene	8.922	142	92290	7.079	ng	100
38) 1-Methylnaphthalene	9.022	142	69385	5.564	ng	100
49) Acenaphthylene	9.822	152	42993	2.501	ng	99

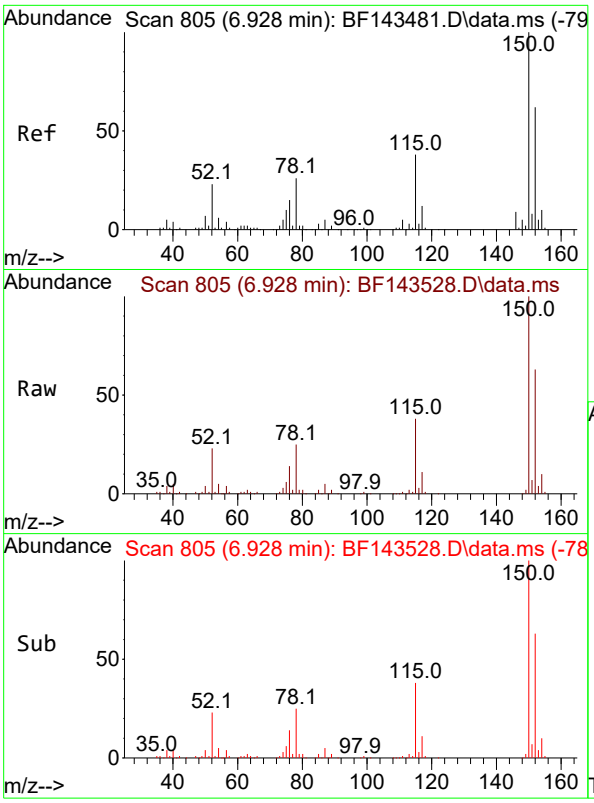
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143528.D
Acq On : 21 Aug 2025 14:13
Operator : RC/JU
Sample : Q2900-03DL2 100X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL2

Quant Time: Aug 21 14:31:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration



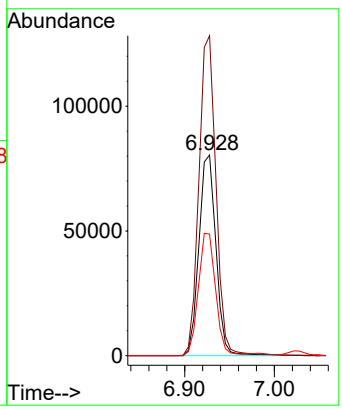


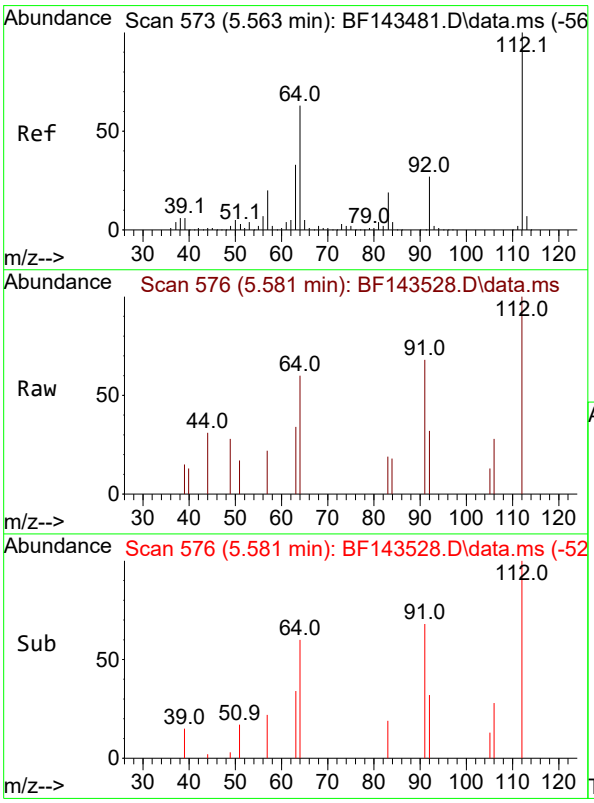
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143528.D
Acq: 21 Aug 2025 14:13

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL2

Tgt Ion:152 Resp: 106391

Ion	Ratio	Lower	Upper
152	100		
150	159.3	128.9	193.3
115	60.5	49.2	73.8

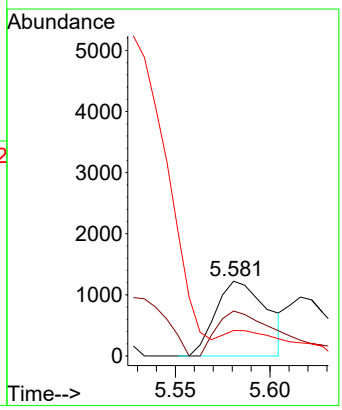


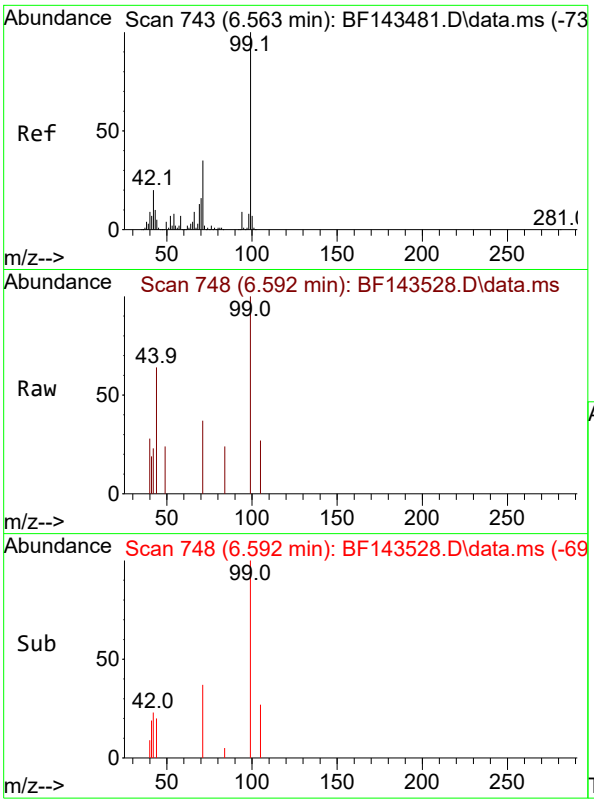


#5
2-Fluorophenol
Concen: 0.378 ng
RT: 5.581 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF143528.D
Acq: 21 Aug 2025 14:13

Tgt Ion:112 Resp: 2305

Ion	Ratio	Lower	Upper
112	100		
64	60.1	50.4	75.6
63	34.1	26.4	39.6



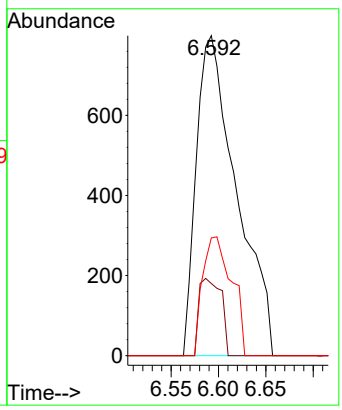


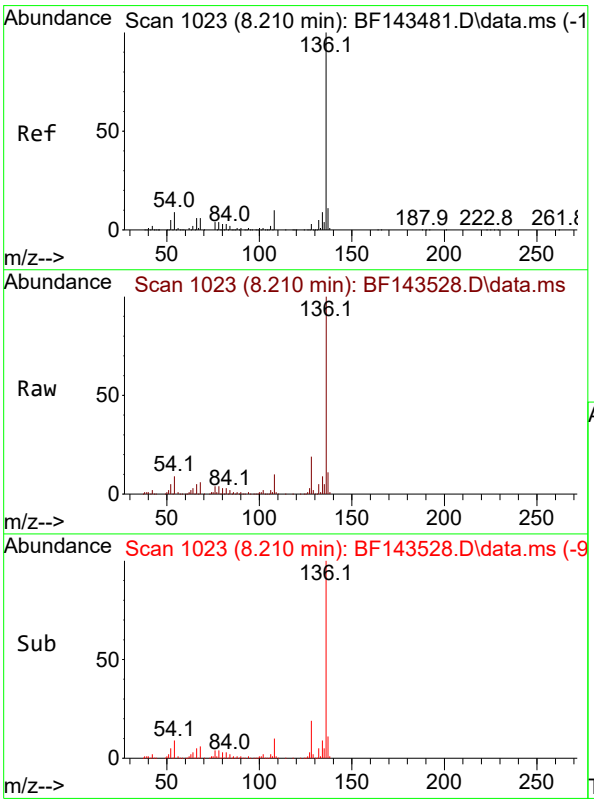
#7
Phenol-d6
Concen: 0.313 ng
RT: 6.592 min Scan# 7
Delta R.T. 0.018 min
Lab File: BF143528.D
Acq: 21 Aug 2025 14:13

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL2

Tgt Ion: 99 Resp: 2356

Ion	Ratio	Lower	Upper
99	100		
42	22.5	16.3	24.5
71	36.8	28.2	42.2

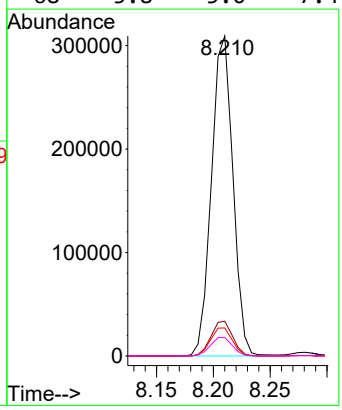


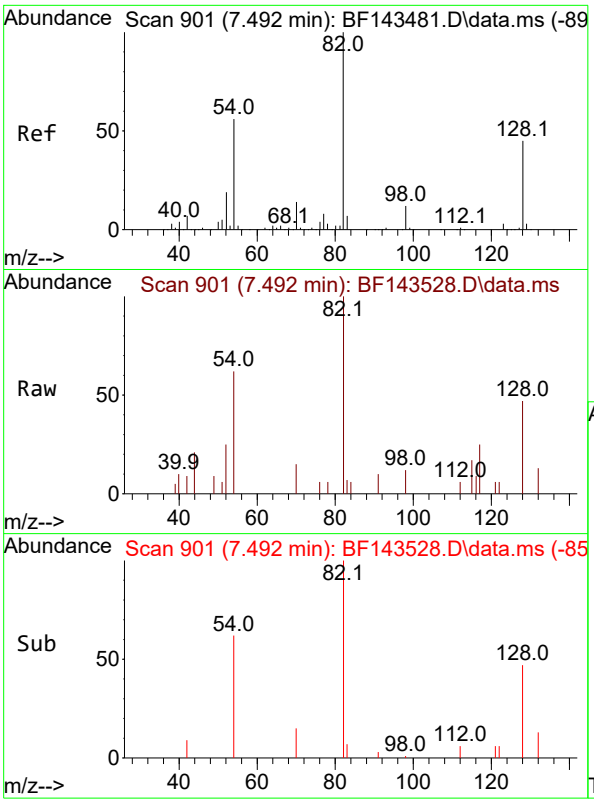


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143528.D
Acq: 21 Aug 2025 14:13

Tgt Ion:136 Resp: 406559

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.7	7.4	11.2
68	5.8	5.0	7.4



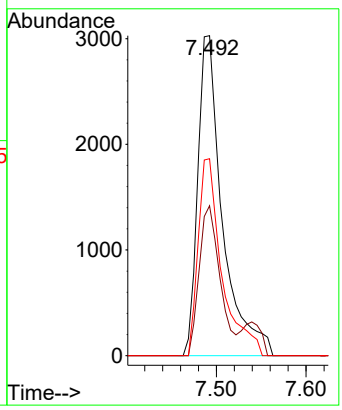


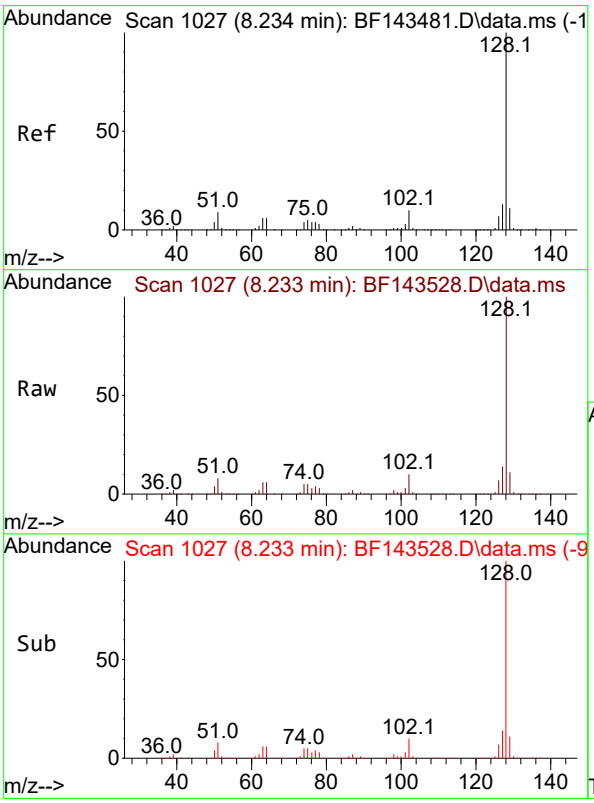
#23
Nitrobenzene-d5
Concen: 0.829 ng
RT: 7.492 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143528.D
Acq: 21 Aug 2025 14:13

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL2

Tgt Ion: 82 Resp: 5776

Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.5	53.3
54	61.6	44.3	66.5

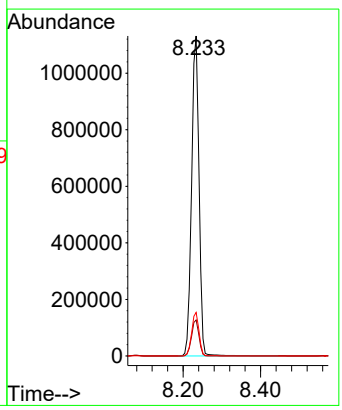


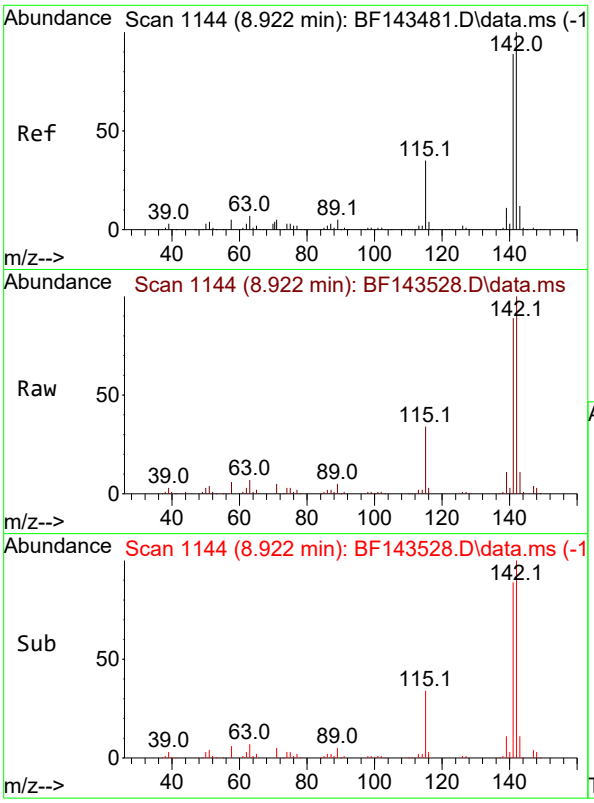


#31
Naphthalene
Concen: 77.252 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143528.D
Acq: 21 Aug 2025 14:13

Tgt Ion:128 Resp: 1507874

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.6	10.6	16.0



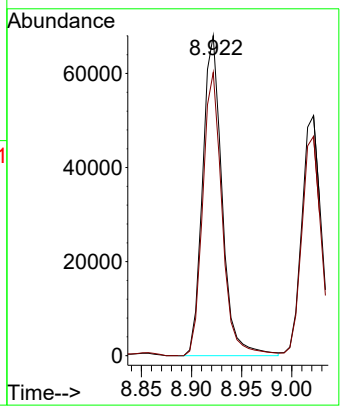


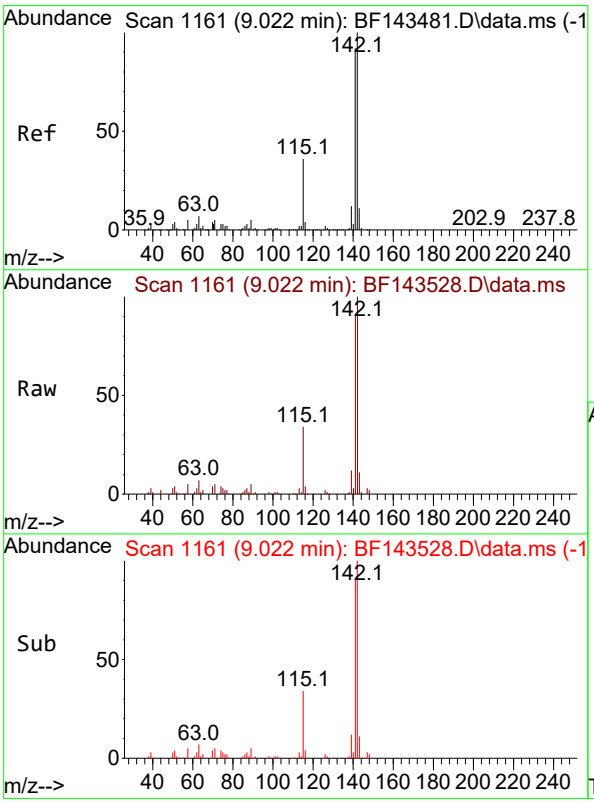
#37
2-Methylnaphthalene
Concen: 7.079 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143528.D
Acq: 21 Aug 2025 14:13

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL2

Tgt Ion:142 Resp: 92290

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.4

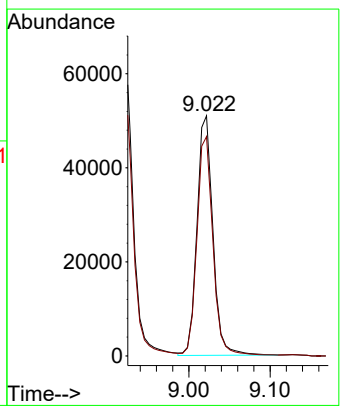


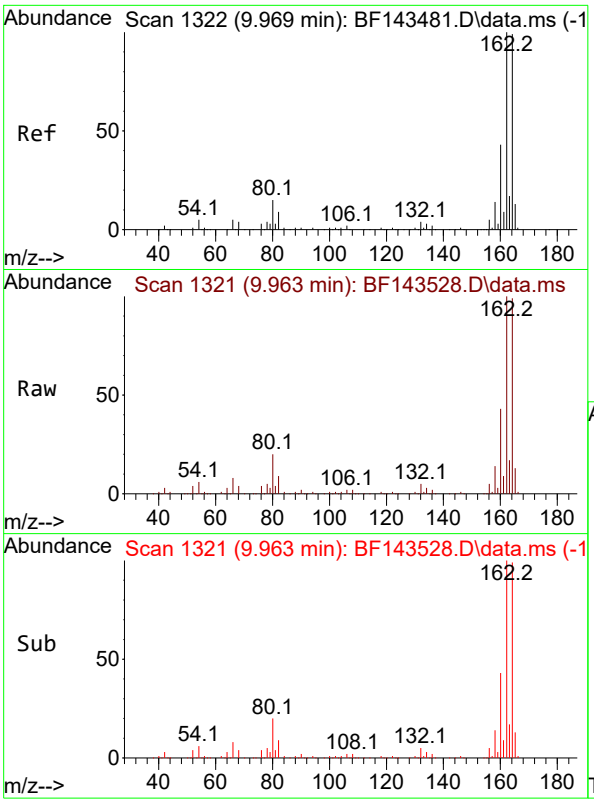


#38
1-Methylnaphthalene
Concen: 5.564 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143528.D
Acq: 21 Aug 2025 14:13

Tgt Ion:142 Resp: 69385

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.3	109.9



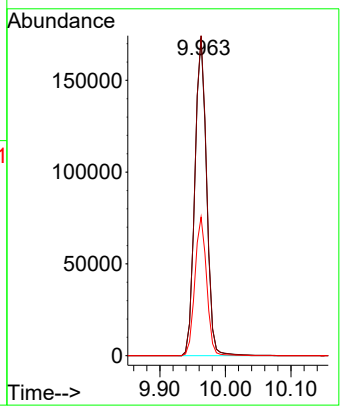


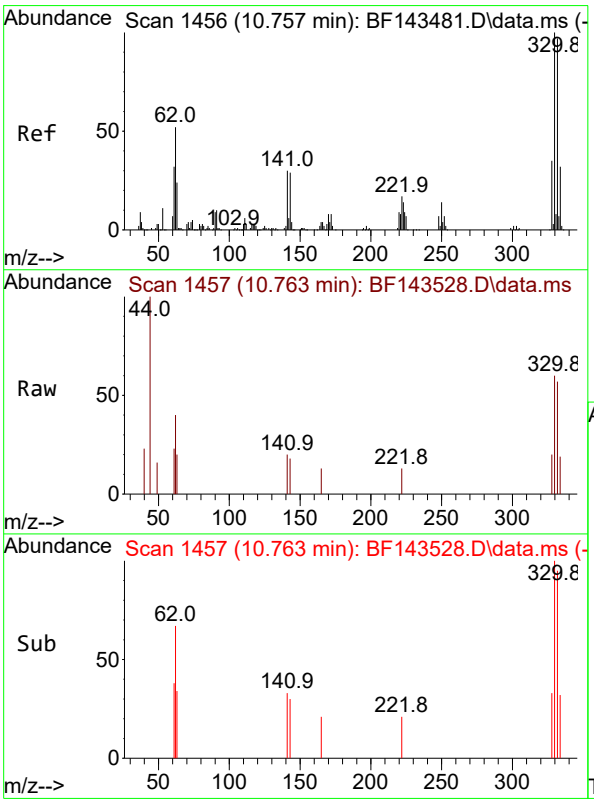
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143528.D
Acq: 21 Aug 2025 14:13

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL2

Tgt Ion:164 Resp: 215536

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.5	120.7
160	43.7	34.3	51.5

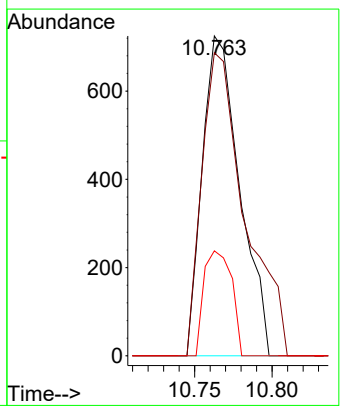


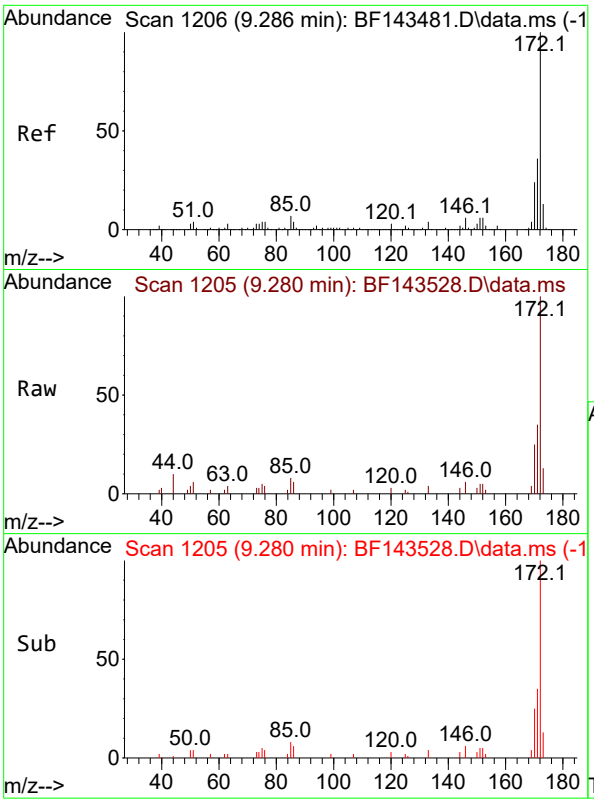


#42
2,4,6-Tribromophenol
Concen: 0.606 ng
RT: 10.763 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF143528.D
Acq: 21 Aug 2025 14:13

Tgt Ion:330 Resp: 1216

Ion	Ratio	Lower	Upper
330	100		
332	109.0	78.0	117.0
141	24.3	23.7	35.5



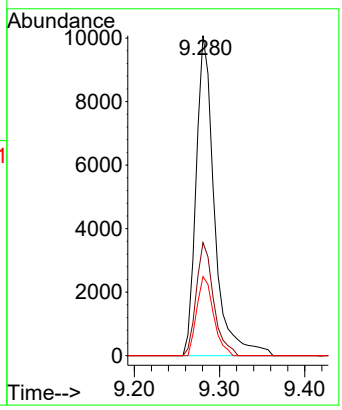


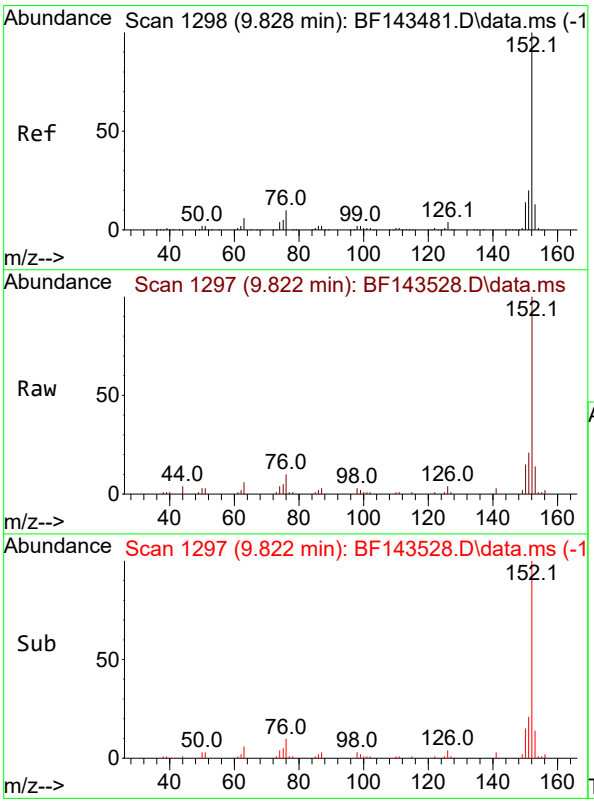
#45
2-Fluorobiphenyl
Concen: 1.154 ng
RT: 9.280 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143528.D
Acq: 21 Aug 2025 14:13

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL2

Tgt Ion:172 Resp: 15056

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.8	43.2
170	24.7	18.8	28.2

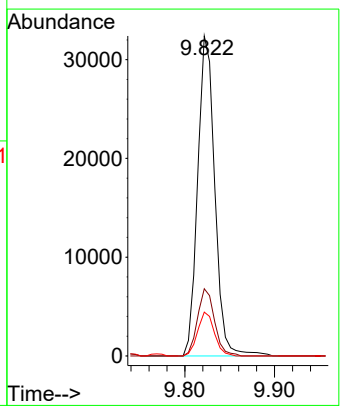


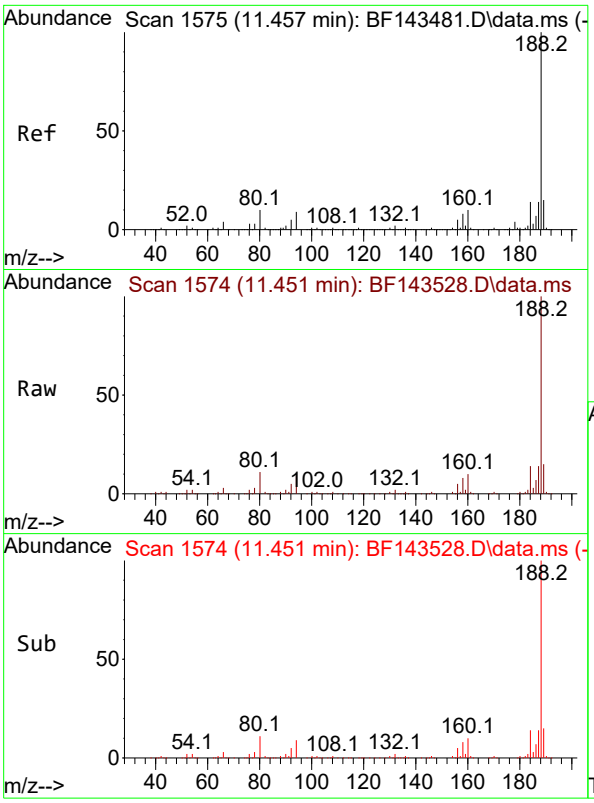


#49
Acenaphthylene
Concen: 2.501 ng
RT: 9.822 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF143528.D
Acq: 21 Aug 2025 14:13

Tgt Ion:152 Resp: 42993

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.4
153	13.7	10.6	15.8



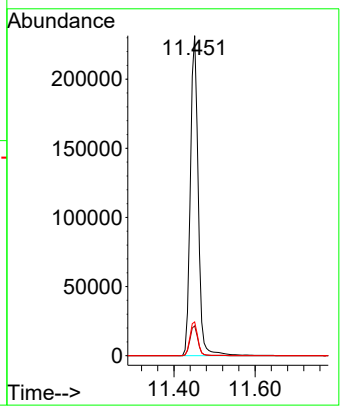


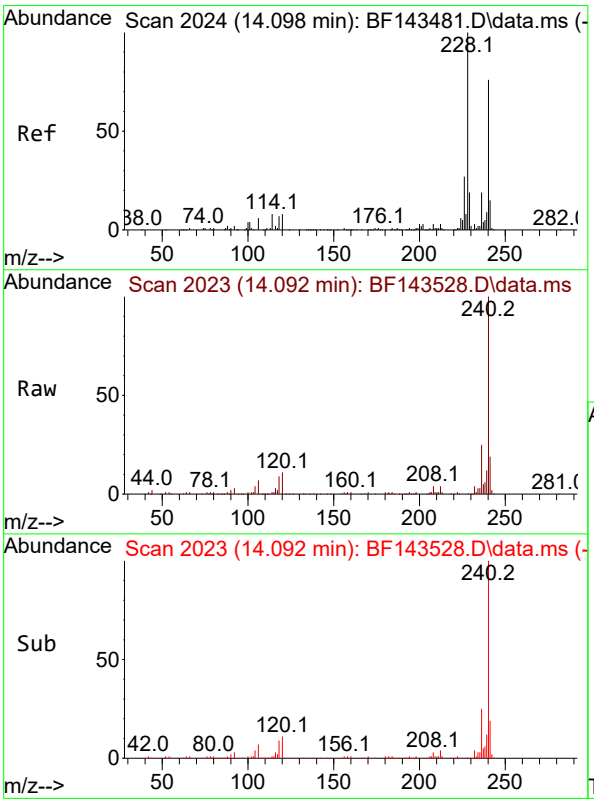
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143528.D
Acq: 21 Aug 2025 14:13

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL2

Tgt Ion:188 Resp: 311169

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	10.6	8.2	12.4

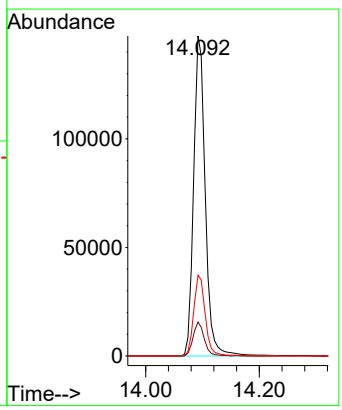


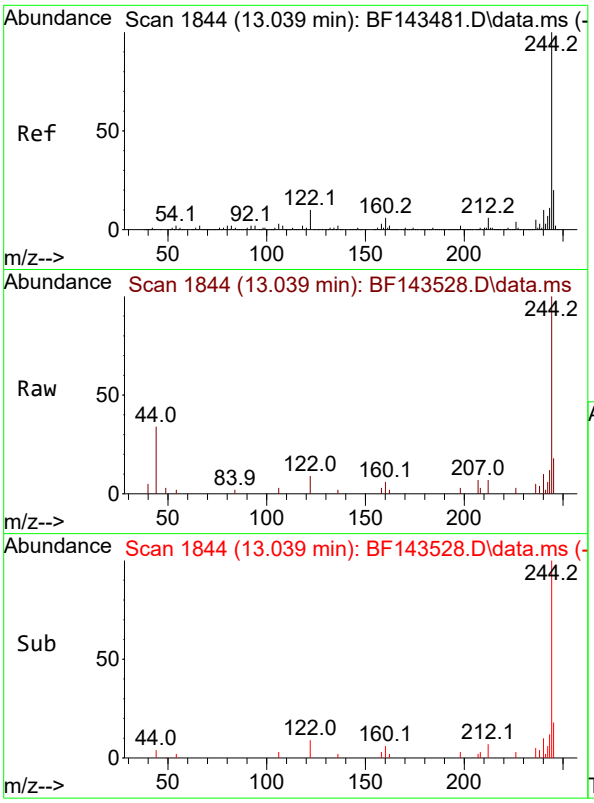


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143528.D
Acq: 21 Aug 2025 14:13

Tgt Ion:240 Resp: 210624

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.6	12.8
236	25.3	20.4	30.6



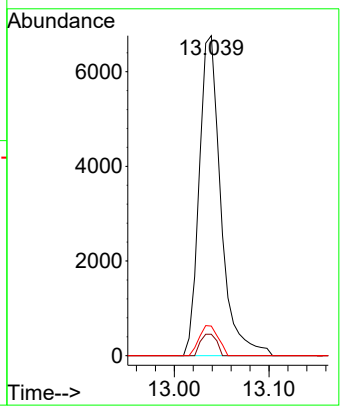


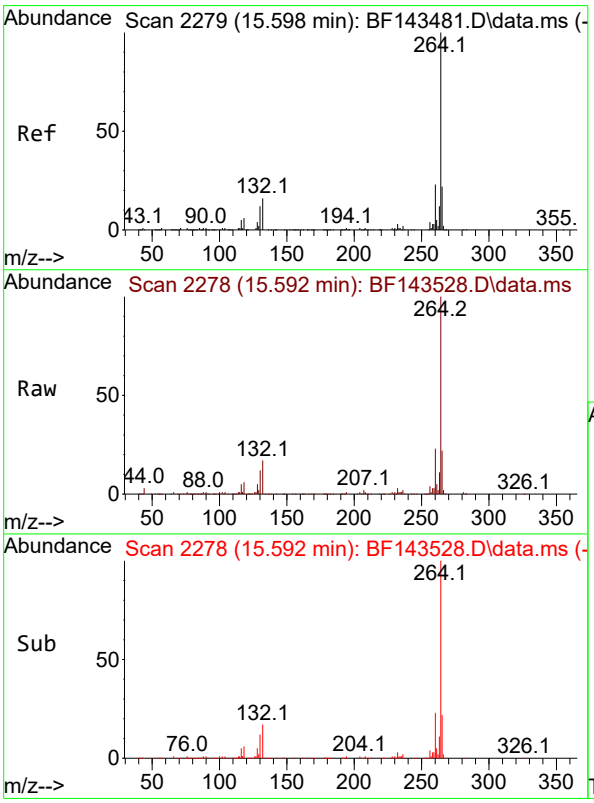
#79
Terphenyl-d14
Concen: 0.890 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143528.D
Acq: 21 Aug 2025 14:13

Instrument :
BNA_F
ClientSampleId :
DUP-01-081825DL2

Tgt Ion:244 Resp: 10745

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	9.2	7.9	11.9

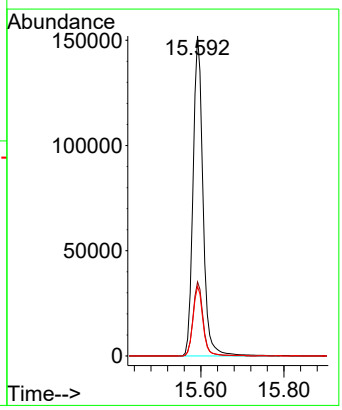




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143528.D
Acq: 21 Aug 2025 14:13

Tgt Ion:264 Resp: 252482

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.7	17.6	26.4



Raw Data: **BF143496.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-17B-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143496.D	1	08/19/25 09:29	08/20/25 20:37	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.6	U	4.20	10.6	ug/L
108-95-2	Phenol	5.30	U	0.97	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.30	U	0.86	5.30	ug/L
95-57-8	2-Chlorophenol	5.30	U	0.62	5.30	ug/L
95-48-7	2-Methylphenol	5.30	U	1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.30	U	1.40	5.30	ug/L
98-86-2	Acetophenone	5.30	U	0.79	5.30	ug/L
65794-96-9	3+4-Methylphenols	10.6	U	1.20	10.6	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	5.30	U	0.69	5.30	ug/L
98-95-3	Nitrobenzene	5.30	U	0.81	5.30	ug/L
78-59-1	Isophorone	5.30	U	0.80	5.30	ug/L
88-75-5	2-Nitrophenol	5.30	U	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	5.30	U	2.00	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.30	U	0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	5.30	U	0.55	5.30	ug/L
91-20-3	Naphthalene	5.30	U	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	5.30	U	0.89	5.30	ug/L
87-68-3	Hexachlorobutadiene	5.30	U	0.57	5.30	ug/L
105-60-2	Caprolactam	10.6	U	1.20	10.6	ug/L
59-50-7	4-Chloro-3-methylphenol	5.30	U	0.63	5.30	ug/L
91-57-6	2-Methylnaphthalene	5.30	U	0.60	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	10.6	U	3.90	10.6	ug/L
88-06-2	2,4,6-Trichlorophenol	5.30	U	0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	5.30	U	0.66	5.30	ug/L
92-52-4	1,1-Biphenyl	5.30	U	0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	5.30	U	0.65	5.30	ug/L
88-74-4	2-Nitroaniline	5.30	U	1.30	5.30	ug/L
131-11-3	Dimethylphthalate	5.30	U	0.65	5.30	ug/L

Raw Data: **BF143496.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-17B-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143496.D	1	08/19/25 09:29	08/20/25 20:37	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.30	U	0.80	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	5.30	U	0.98	5.30	ug/L
99-09-2	3-Nitroaniline	5.30	U	1.10	5.30	ug/L
83-32-9	Acenaphthene	5.30	U	0.59	5.30	ug/L
51-28-5	2,4-Dinitrophenol	10.6	U	6.40	10.6	ug/L
100-02-7	4-Nitrophenol	10.6	U	2.50	10.6	ug/L
132-64-9	Dibenzofuran	5.30	U	0.65	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	5.30	U	1.30	5.30	ug/L
84-66-2	Diethylphthalate	5.30	U	0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.30	U	0.72	5.30	ug/L
86-73-7	Fluorene	5.30	U	0.67	5.30	ug/L
100-01-6	4-Nitroaniline	5.30	U	1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.6	U	3.10	10.6	ug/L
86-30-6	n-Nitrosodiphenylamine	5.30	U	0.62	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	5.30	U	0.43	5.30	ug/L
118-74-1	Hexachlorobenzene	5.30	U	0.55	5.30	ug/L
1912-24-9	Atrazine	5.30	U	1.10	5.30	ug/L
87-86-5	Pentachlorophenol	10.6	U	1.70	10.6	ug/L
85-01-8	Phenanthrene	5.30	U	0.53	5.30	ug/L
120-12-7	Anthracene	5.30	U	0.65	5.30	ug/L
86-74-8	Carbazole	5.30	U	0.77	5.30	ug/L
84-74-2	Di-n-butylphthalate	5.30	U	1.30	5.30	ug/L
206-44-0	Fluoranthene	5.30	U	0.87	5.30	ug/L
129-00-0	Pyrene	5.30	U	0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	5.30	UQ	2.10	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	10.6	UQ	0.99	10.6	ug/L
56-55-3	Benzo(a)anthracene	5.30	U	0.48	5.30	ug/L
218-01-9	Chrysene	5.30	U	0.47	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.30	U	1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	10.6	U	2.50	10.6	ug/L
205-99-2	Benzo(b)fluoranthene	5.30	U	0.52	5.30	ug/L

Raw Data: **BF143496.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-17B-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143496.D	1	08/19/25 09:29	08/20/25 20:37	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.30	U	0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	5.30	U	0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.30	U	0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.30	U	0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	5.30	U	0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.30	U	0.55	5.30	ug/L
123-91-1	1,4-Dioxane	5.30	U	1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.30	U	0.77	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	63.2		23 - 138	42%	SPK: 150
13127-88-3	Phenol-d6	39.9		10 - 134	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.5		67 - 132	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.0		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		44 - 137	86%	SPK: 150
1718-51-0	Terphenyl-d14	91.9		42 - 152	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	132000	6.928			
1146-65-2	Naphthalene-d8	508000	8.204			
15067-26-2	Acenaphthene-d10	274000	9.963			
1517-22-2	Phenanthrene-d10	430000	11.451			
1719-03-5	Chrysene-d12	242000	14.092			
1520-96-3	Perylene-d12	249000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J		2.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.20	AB		5.16	ug/L

Raw Data: **BF143496.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-17B-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143496.D	1	08/19/25 09:29	08/20/25 20:37	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BF082025\
Data File : BF143496.D
Acq On : 20 Aug 2025 20:37
Operator : RC/JU
Sample : Q2900-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17B-081825

Quant Time: Aug 21 02:06:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

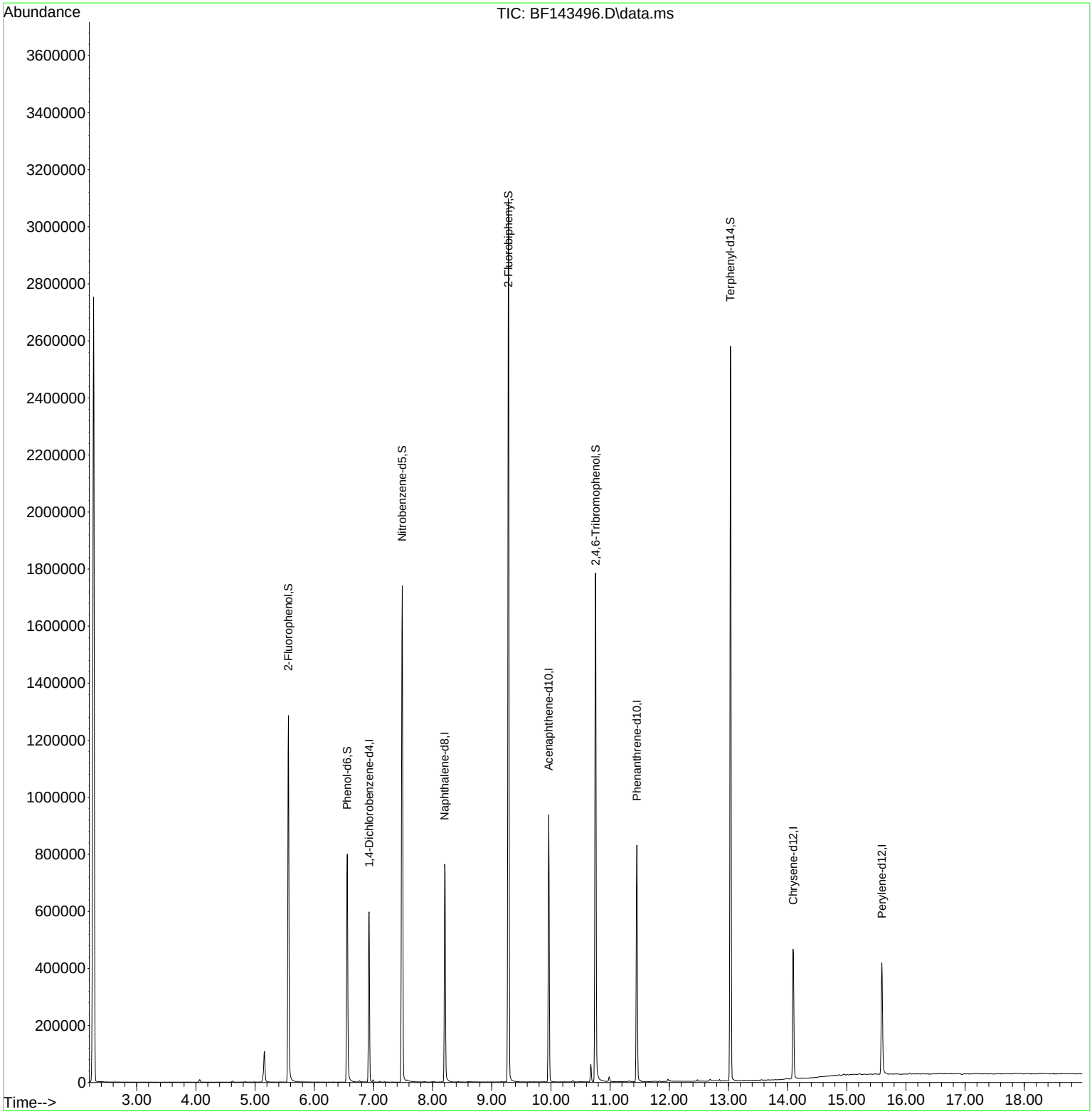
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	131839	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	507504	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	273837	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	429631	20.000	ng	0.00
76) Chrysene-d12	14.092	240	242165	20.000	ng	-0.01
86) Perylene-d12	15.592	264	249186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	477249	63.210	ng	0.00
7) Phenol-d6	6.557	99	372176	39.932	ng	-0.02
23) Nitrobenzene-d5	7.487	82	813301	93.517	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	327046	128.303	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1391261	83.966	ng	0.00
79) Terphenyl-d14	13.033	244	1274725	91.857	ng	0.00
Target Compounds						Qvalue

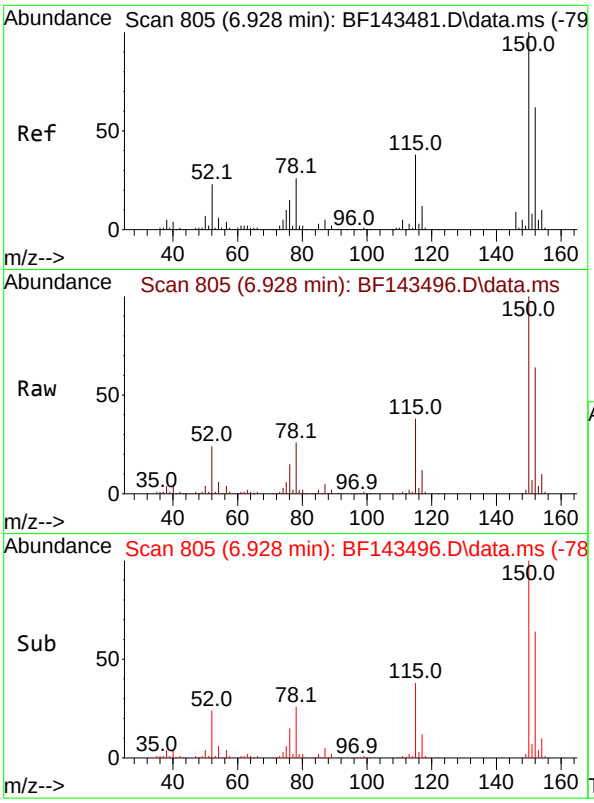
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143496.D
Acq On : 20 Aug 2025 20:37
Operator : RC/JU
Sample : Q2900-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17B-081825

Quant Time: Aug 21 02:06:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



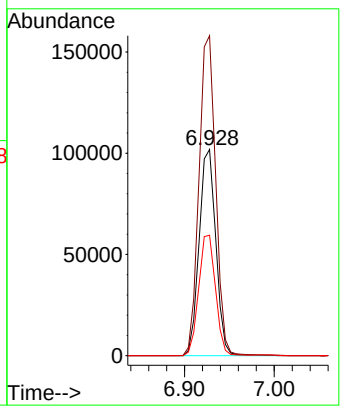


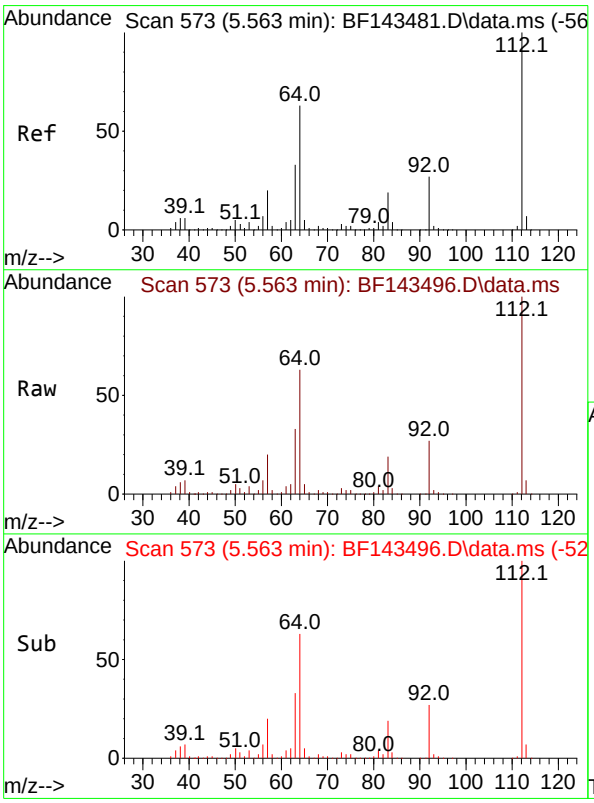
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143496.D
Acq: 20 Aug 2025 20:37

Instrument :
BNA_F
ClientSampleId :
MW-17B-081825

Tgt Ion:152 Resp: 131839

Ion	Ratio	Lower	Upper
152	100		
150	155.2	128.9	193.3
115	58.5	49.2	73.8

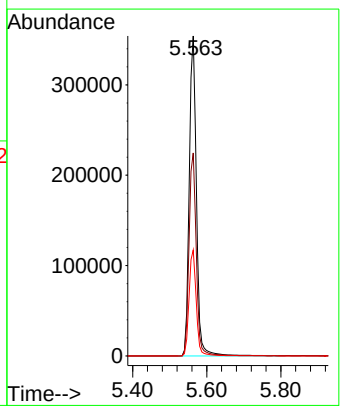


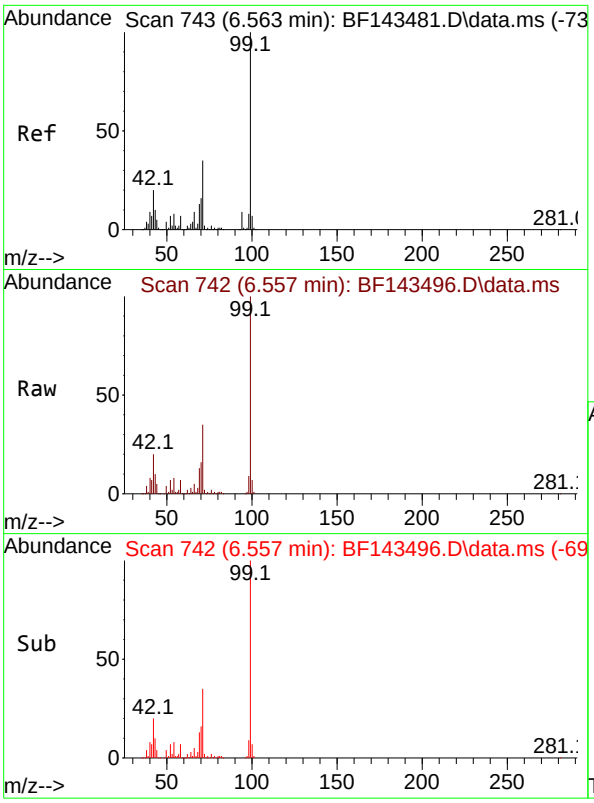


#5
2-Fluorophenol
Concen: 63.210 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143496.D
Acq: 20 Aug 2025 20:37

Tgt Ion:112 Resp: 477249

Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.4	75.6
63	33.1	26.4	39.6



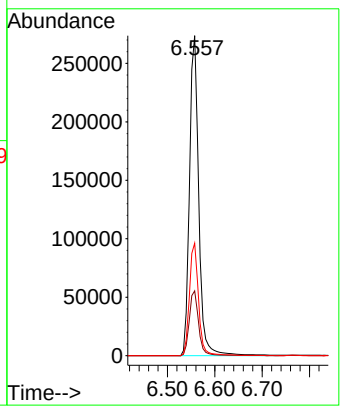


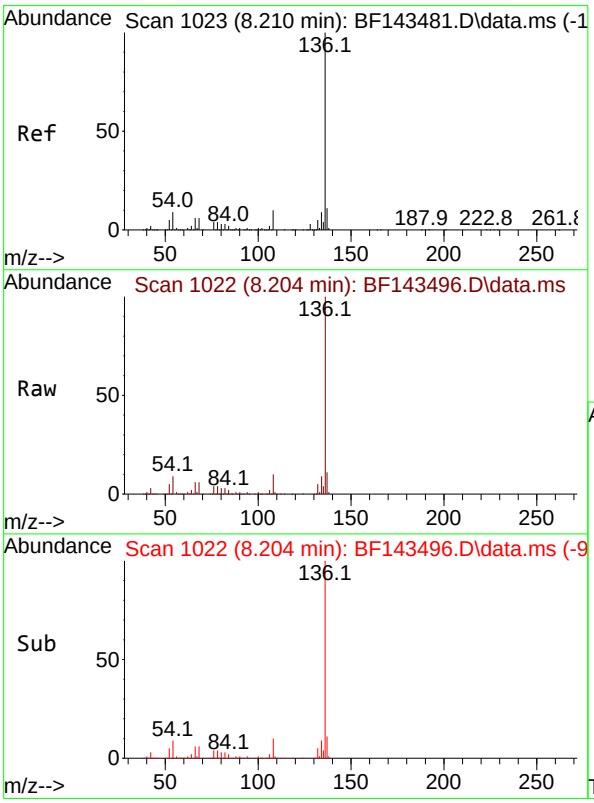
#7
Phenol-d6
Concen: 39.932 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143496.D
Acq: 20 Aug 2025 20:37

Instrument :
BNA_F
ClientSampleId :
MW-17B-081825

Tgt Ion: 99 Resp: 372176

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.3	24.5
71	35.2	28.2	42.2

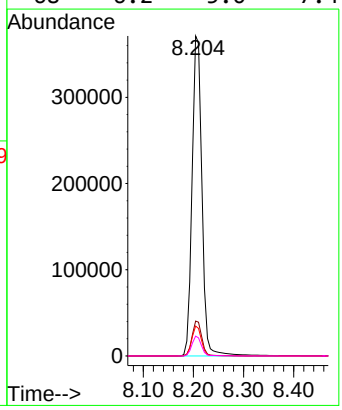


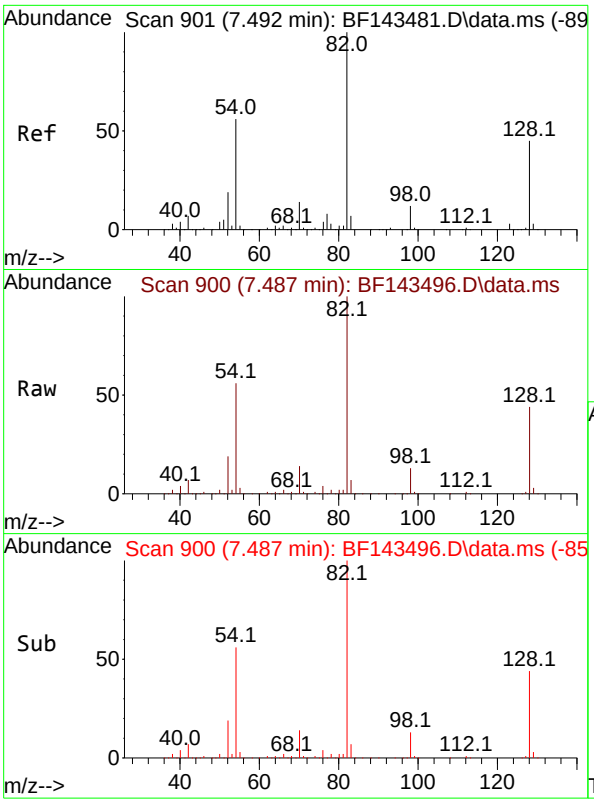


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143496.D
Acq: 20 Aug 2025 20:37

Tgt Ion:136 Resp: 507504

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.3	7.4	11.2
68	6.2	5.0	7.4



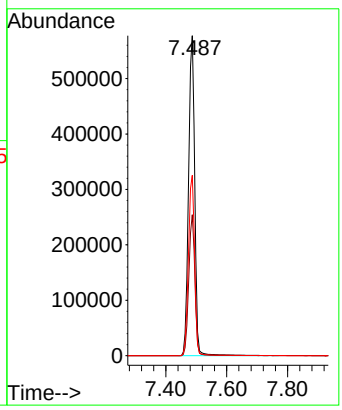


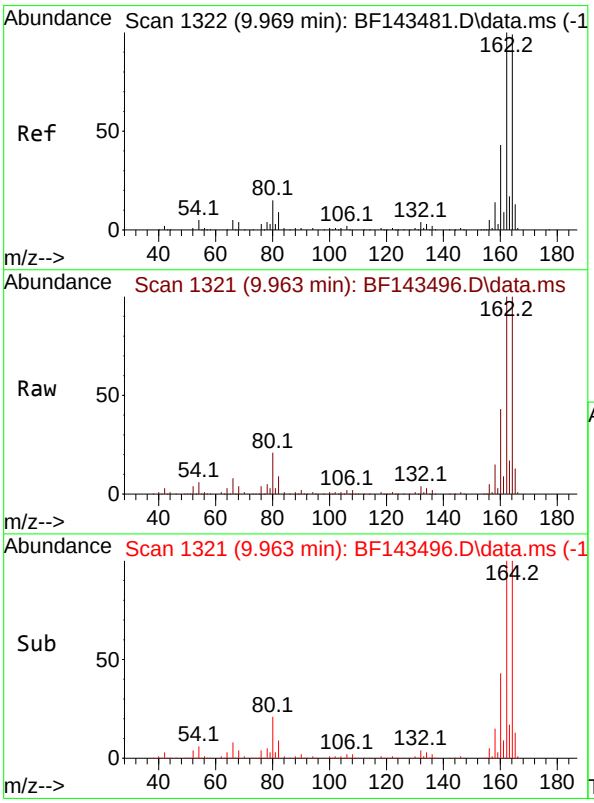
#23
Nitrobenzene-d5
Concen: 93.517 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143496.D
Acq: 20 Aug 2025 20:37

Instrument :
BNA_F
ClientSampleId :
MW-17B-081825

Tgt Ion: 82 Resp: 813301

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.5	53.3
54	56.4	44.3	66.5

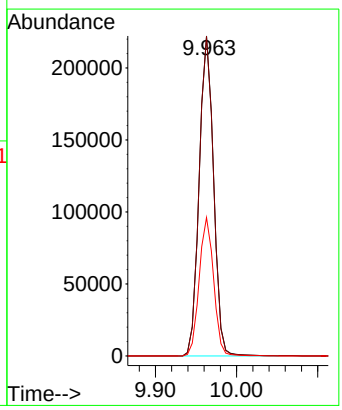


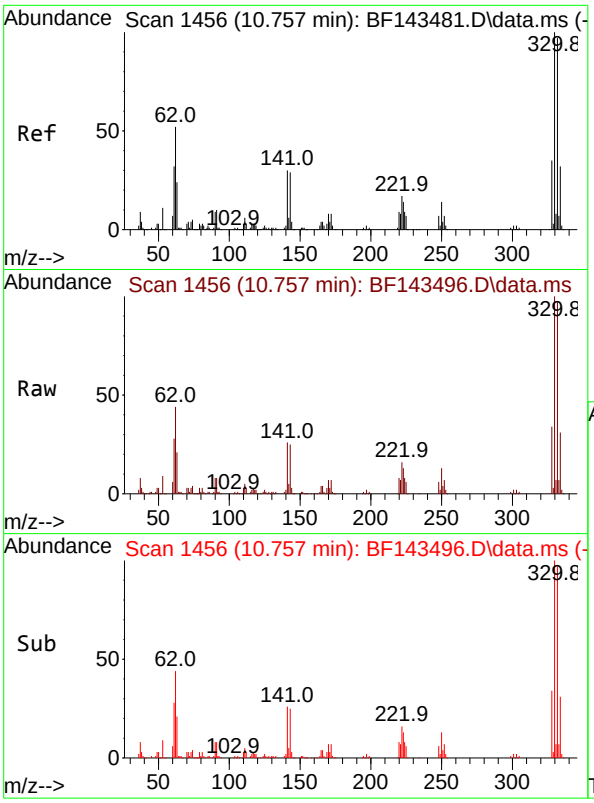


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143496.D
Acq: 20 Aug 2025 20:37

Tgt Ion:164 Resp: 273837

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.5	120.7
160	43.2	34.3	51.5



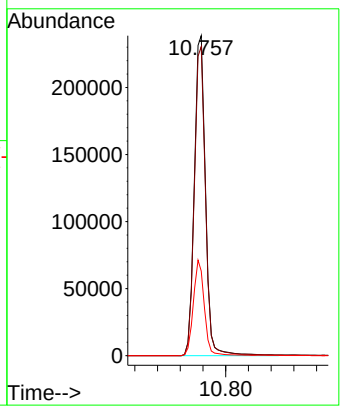


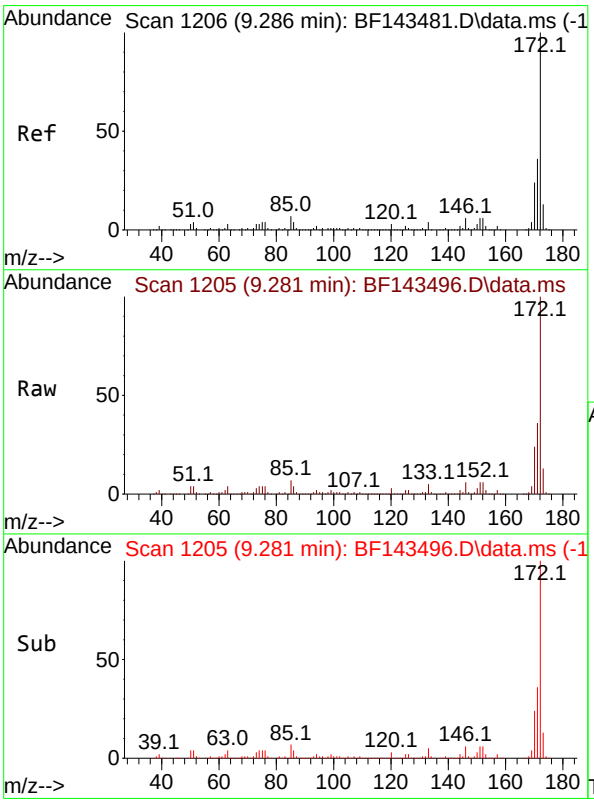
#42
2,4,6-Tribromophenol
Concen: 128.303 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143496.D
Acq: 20 Aug 2025 20:37

Instrument :
BNA_F
ClientSampleId :
MW-17B-081825

Tgt Ion:330 Resp: 327046

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	29.5	23.7	35.5

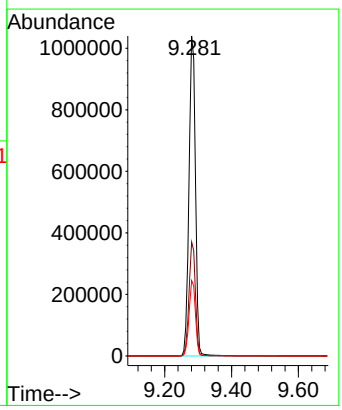


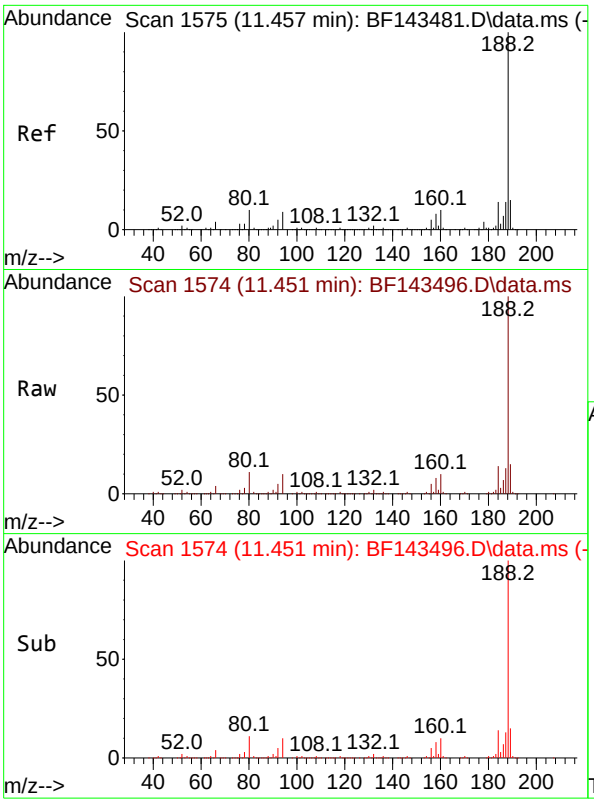


#45
2-Fluorobiphenyl
Concen: 83.966 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143496.D
Acq: 20 Aug 2025 20:37

Tgt Ion:172 Resp: 1391261

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.5	18.8	28.2



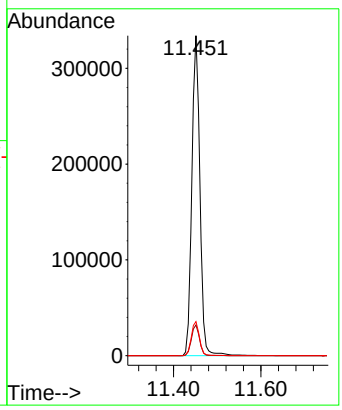


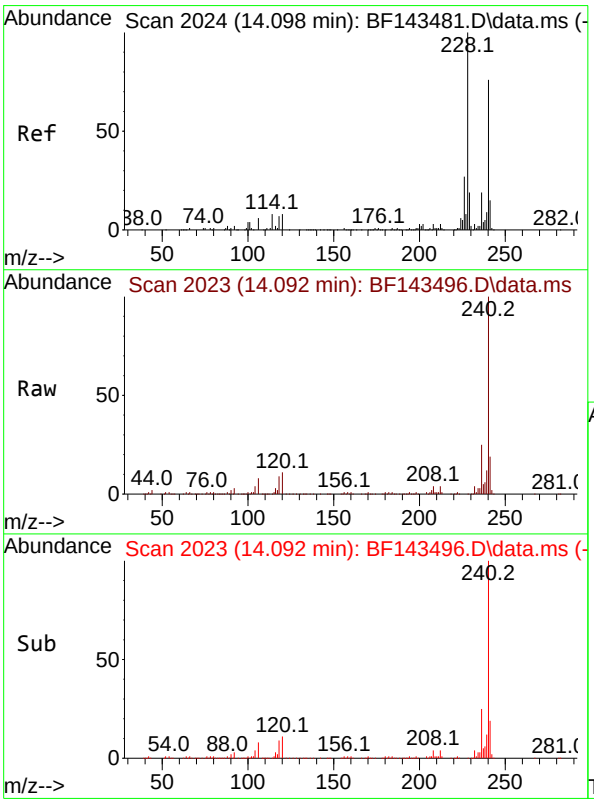
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143496.D
Acq: 20 Aug 2025 20:37

Instrument :
BNA_F
ClientSampleId :
MW-17B-081825

Tgt Ion:188 Resp: 429631

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.2
80	10.6	8.2	12.4

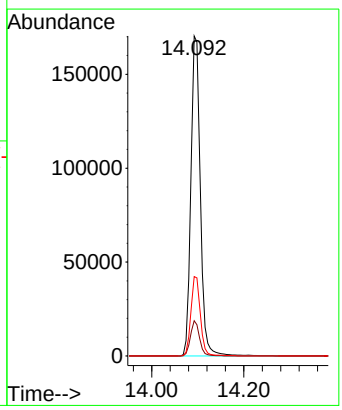


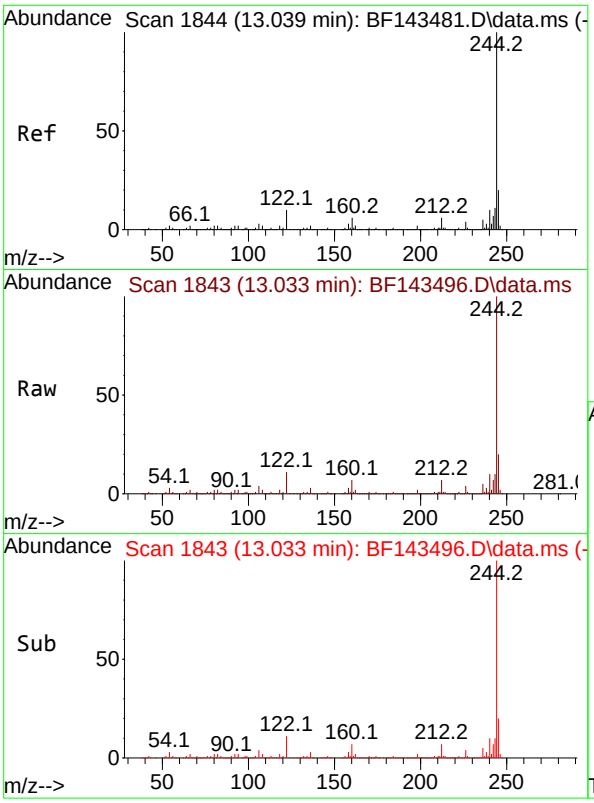


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143496.D
Acq: 20 Aug 2025 20:37

Tgt Ion:240 Resp: 242165

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.6	12.8
236	24.8	20.4	30.6



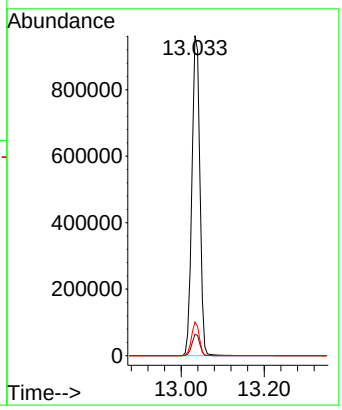


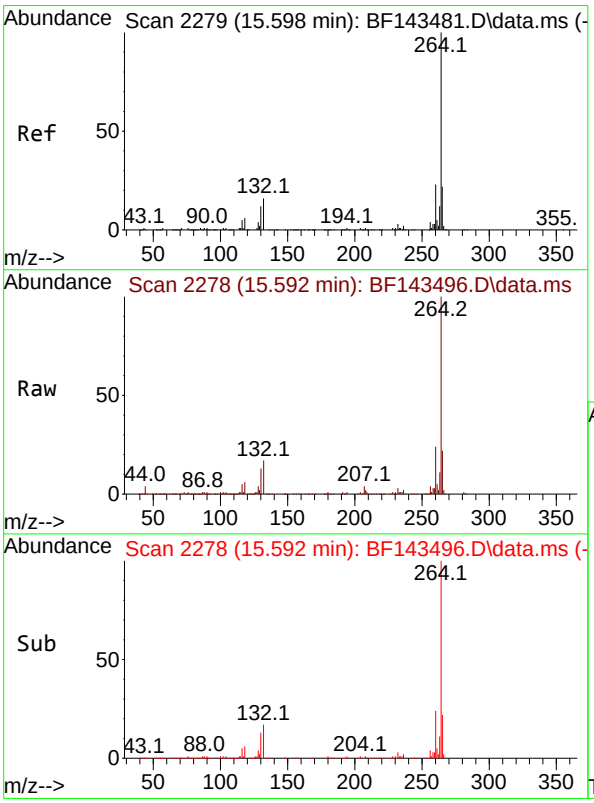
#79
Terphenyl-d14
Concen: 91.857 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143496.D
Acq: 20 Aug 2025 20:37

Instrument :
BNA_F
ClientSampleId :
MW-17B-081825

Tgt Ion:244 Resp: 1274725

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	10.6	7.9	11.9

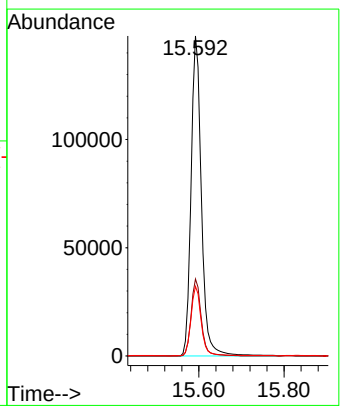




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143496.D
Acq: 20 Aug 2025 20:37

Tgt Ion:264 Resp: 249186

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.7	17.6	26.4



Sample Results: **BF143496.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143496.D
Acq On : 20 Aug 2025 20:37
Operator : RC/JU
Sample : Q2900-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17B-081825

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143496.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.269	4	13	27	rVB	2751335	4525249	100.00%	17.970%
2	5.157	495	504	516	rBV2	108271	188911	4.17%	0.750%
3	5.563	567	573	594	rBV	1284917	1727260	38.17%	6.859%
4	6.557	737	742	761	rBV	799308	1082778	23.93%	4.300%
5	6.928	799	805	812	rBV	596895	778186	17.20%	3.090%
6	7.487	893	900	911	rBV	1740145	2423970	53.57%	9.626%
7	8.204	1017	1022	1041	rBV	763139	1034516	22.86%	4.108%
8	9.281	1199	1205	1210	rBV	3095787	4054720	89.60%	16.102%
9	9.963	1316	1321	1335	rBV	935650	1150469	25.42%	4.569%
10	10.675	1437	1442	1450	rBV	61983	78273	1.73%	0.311%
11	10.751	1450	1455	1486	rVV	1783578	2444697	54.02%	9.708%
12	11.451	1569	1574	1583	rBV	829988	1053144	23.27%	4.182%
13	13.033	1838	1843	1849	rBV	2575063	3362404	74.30%	13.353%
14	14.092	2018	2023	2037	rVB	453197	626976	13.86%	2.490%
15	15.592	2272	2278	2296	rBV	391014	650189	14.37%	2.582%

Sum of corrected areas: 25181742

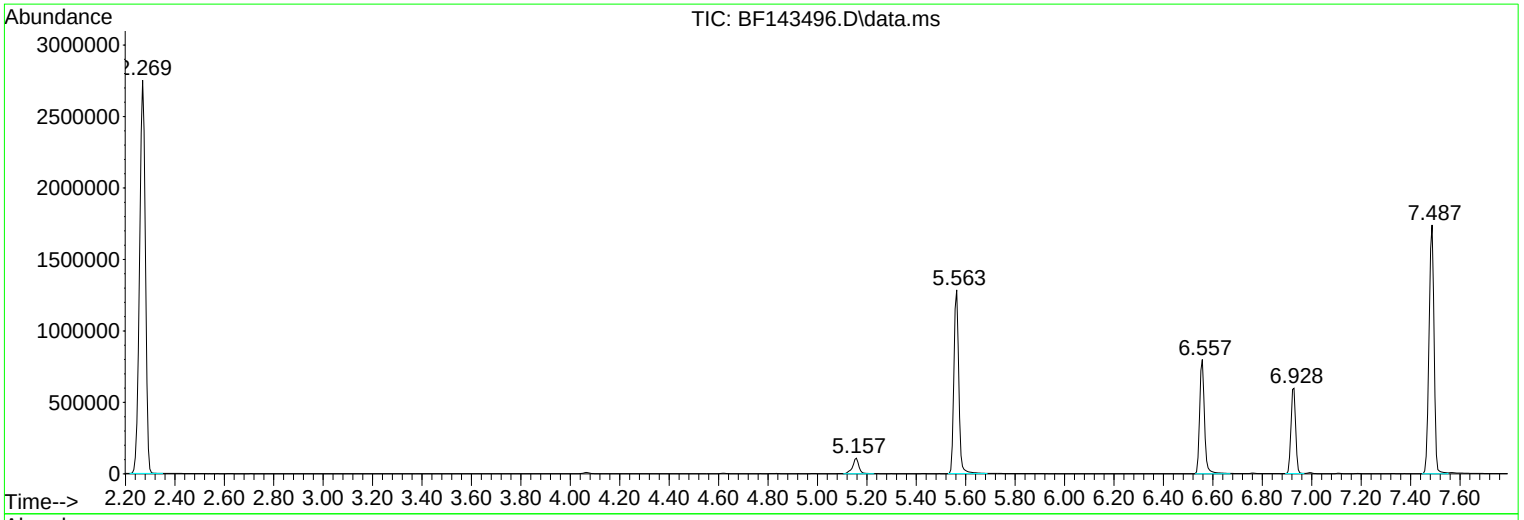
Sample Results: **BF143496.D**

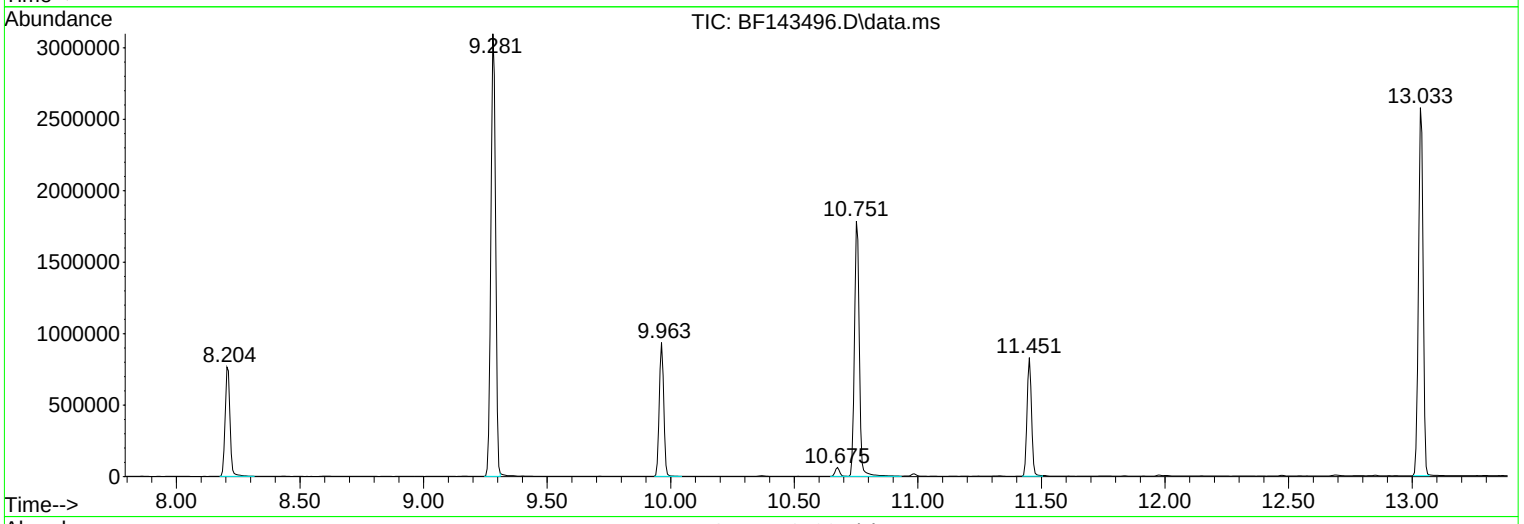
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143496.D
Acq On : 20 Aug 2025 20:37
Operator : RC/JU
Sample : Q2900-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

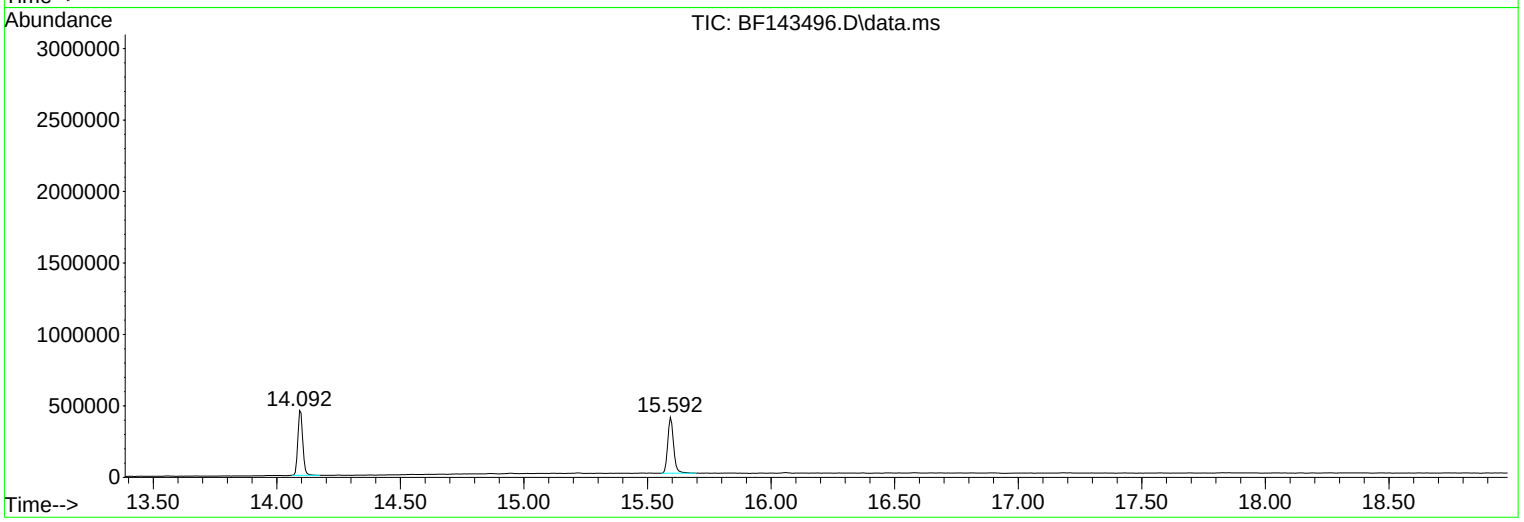
Instrument :
BNA_F
ClientSampleId :
MW-17B-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Sample Results: **BF143496.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143496.D
Acq On : 20 Aug 2025 20:37
Operator : RC/JU
Sample : Q2900-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17B-081825

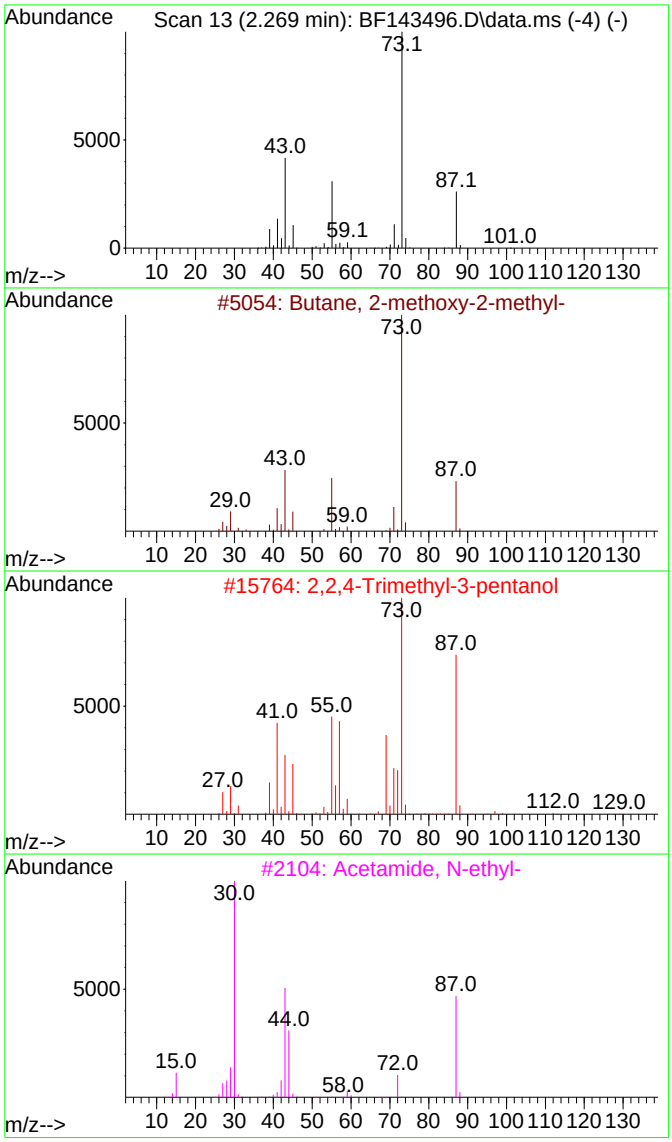
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

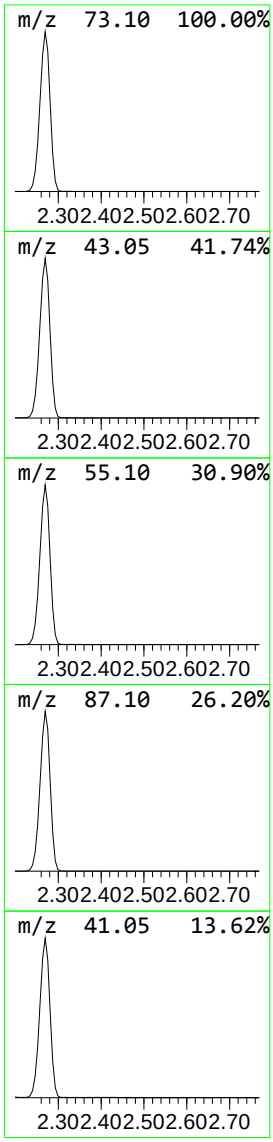
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.269	116.30 ng	4525250	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143496.D
Acq On : 20 Aug 2025 20:37
Operator : RC/JU
Sample : Q2900-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17B-081825

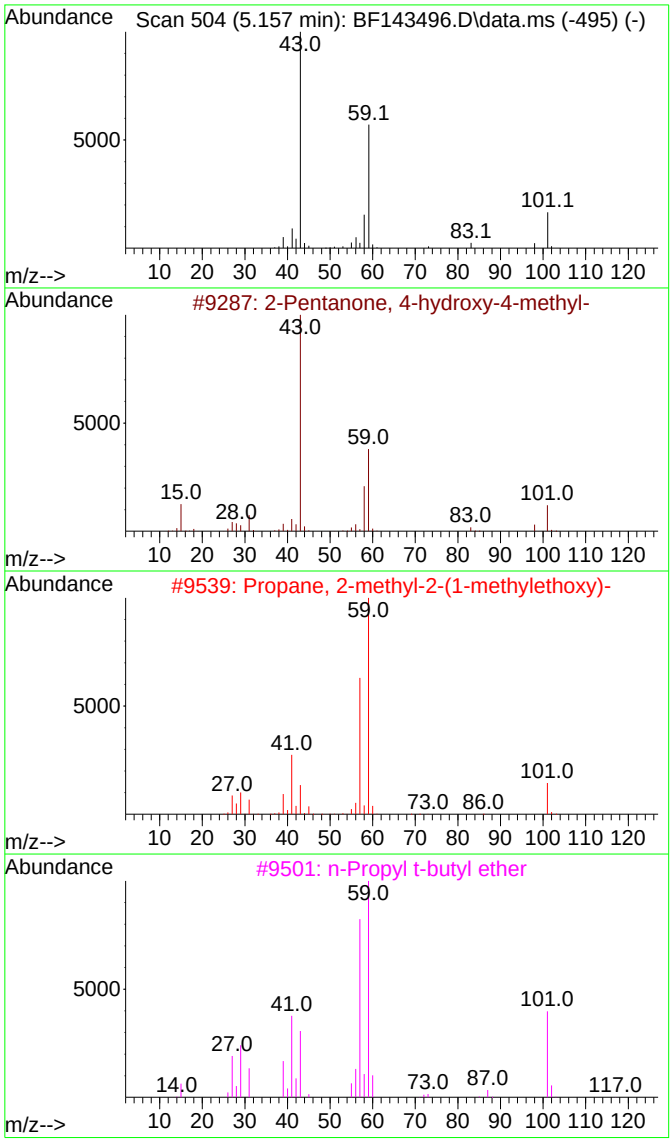
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

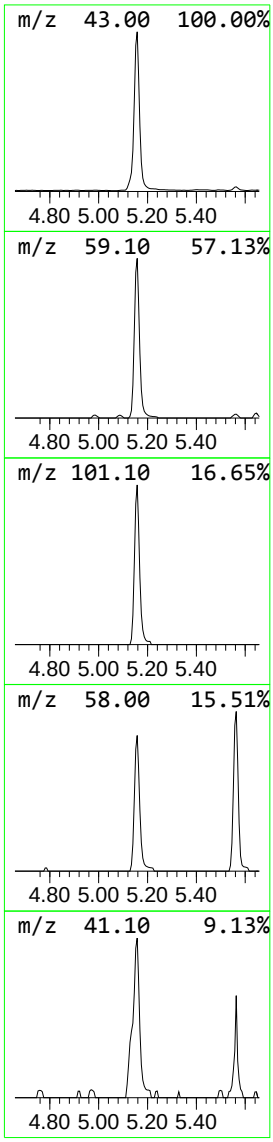
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	4.86 ng	188911	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Sample Results: **BF143496.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143496.D
Acq On : 20 Aug 2025 20:37
Operator : RC/JU
Sample : Q2900-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17B-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.269	116.3	ng	4525250	1	6.928	778186	20.0
2-Pentanone, 4-...	5.157	4.9	ng	188911	1	6.928	778186	20.0

Raw Data: **BF143513.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-11C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143513.D	1	08/19/25 09:29	08/21/25 05:18	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.5	U	4.10	10.5	ug/L
108-95-2	Phenol	5.30	U	0.96	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.30	U	0.85	5.30	ug/L
95-57-8	2-Chlorophenol	5.30	U	0.61	5.30	ug/L
95-48-7	2-Methylphenol	5.30	U	1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.30	U	1.30	5.30	ug/L
98-86-2	Acetophenone	5.30	U	0.78	5.30	ug/L
65794-96-9	3+4-Methylphenols	10.5	U	1.20	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	5.30	U	0.68	5.30	ug/L
98-95-3	Nitrobenzene	5.30	U	0.80	5.30	ug/L
78-59-1	Isophorone	5.30	U	0.79	5.30	ug/L
88-75-5	2-Nitrophenol	5.30	U	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	5.30	U	1.90	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.30	U	0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	5.30	U	0.55	5.30	ug/L
91-20-3	Naphthalene	2200	E	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	5.30	U	0.88	5.30	ug/L
87-68-3	Hexachlorobutadiene	5.30	U	0.57	5.30	ug/L
105-60-2	Caprolactam	10.5	U	1.20	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	5.30	U	0.62	5.30	ug/L
91-57-6	2-Methylnaphthalene	160	E	0.59	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	10.5	U	3.80	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	5.30	U	0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	5.30	U	0.65	5.30	ug/L
92-52-4	1,1-Biphenyl	24.0		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	5.30	U	0.64	5.30	ug/L
88-74-4	2-Nitroaniline	5.30	U	1.30	5.30	ug/L
131-11-3	Dimethylphthalate	5.30	U	0.64	5.30	ug/L

Raw Data: **BF143513.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-11C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143513.D	1	08/19/25 09:29	08/21/25 05:18	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	110	E	0.79	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	5.30	U	0.97	5.30	ug/L
99-09-2	3-Nitroaniline	5.30	U	1.10	5.30	ug/L
83-32-9	Acenaphthene	69.2		0.58	5.30	ug/L
51-28-5	2,4-Dinitrophenol	10.5	U	6.30	10.5	ug/L
100-02-7	4-Nitrophenol	10.5	U	2.50	10.5	ug/L
132-64-9	Dibenzofuran	5.00	J	0.64	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	5.30	U	1.30	5.30	ug/L
84-66-2	Diethylphthalate	5.30	U	0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.30	U	0.72	5.30	ug/L
86-73-7	Fluorene	17.9		0.66	5.30	ug/L
100-01-6	4-Nitroaniline	5.30	U	1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.5	U	3.00	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	5.30	U	0.61	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	5.30	U	0.42	5.30	ug/L
118-74-1	Hexachlorobenzene	5.30	U	0.55	5.30	ug/L
1912-24-9	Atrazine	5.30	U	1.10	5.30	ug/L
87-86-5	Pentachlorophenol	10.5	U	1.70	10.5	ug/L
85-01-8	Phenanthrene	23.6		0.53	5.30	ug/L
120-12-7	Anthracene	3.30	J	0.64	5.30	ug/L
86-74-8	Carbazole	13.1		0.76	5.30	ug/L
84-74-2	Di-n-butylphthalate	5.30	U	1.30	5.30	ug/L
206-44-0	Fluoranthene	5.30	U	0.86	5.30	ug/L
129-00-0	Pyrene	5.30	U	0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	5.30	UQ	2.00	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	10.5	UQ	0.98	10.5	ug/L
56-55-3	Benzo(a)anthracene	5.30	U	0.47	5.30	ug/L
218-01-9	Chrysene	5.30	U	0.46	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.30	U	1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	10.5	U	2.50	10.5	ug/L
205-99-2	Benzo(b)fluoranthene	5.30	U	0.52	5.30	ug/L

Raw Data: **BF143513.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-11C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143513.D	1	08/19/25 09:29	08/21/25 05:18	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.30	U	0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	5.30	U	0.58	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.30	U	0.62	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.30	U	0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	5.30	U	0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.30	U	0.55	5.30	ug/L
123-91-1	1,4-Dioxane	5.30	U	1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.30	U	0.76	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	48.1		23 - 138	32%	SPK: 150
13127-88-3	Phenol-d6	37.8		10 - 134	25%	SPK: 150
4165-60-0	Nitrobenzene-d5	200	*	67 - 132	200%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.4		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	83.5		42 - 152	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	125000	6.934			
1146-65-2	Naphthalene-d8	212000	8.228			
15067-26-2	Acenaphthene-d10	252000	9.963			
1517-22-2	Phenanthrene-d10	380000	11.451			
1719-03-5	Chrysene-d12	223000	14.092			
1520-96-3	Perylene-d12	274000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J		2.26	ug/L
000544-25-2	1,3,5-Cycloheptatriene	400	J		4.08	ug/L
002175-91-9	1,3-Cyclopentadiene, 5-(1-methylet	360	J		5.45	ug/L
000108-38-3	Benzene, 1,3-dimethyl-	480	J		5.80	ug/L
000098-82-8	Benzene, (1-methylethyl)-	39.6	J		6.10	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	29.6	J		6.46	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	95.7	J		6.49	ug/L

Raw Data: **BF143513.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-11C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143513.D	1	08/19/25 09:29	08/21/25 05:18	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1000191-13-7	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	37.9	J		6.80	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	130	J		6.99	ug/L
000300-57-2	Benzene, 2-propenyl-	25.0	J		7.03	ug/L
000496-11-7	Indane	230	J		7.12	ug/L
000095-13-6	Indene	890	J		7.22	ug/L
000767-59-9	1H-Indene, 1-methyl-	4.20	J		7.97	ug/L
022433-39-2	Benzene,1-methyl-1,2-propadienyl-	3.50	J		8.01	ug/L
90-12-0	1-Methylnaphthalene	570	J		9.04	ug/L
001127-76-0	Naphthalene, 1-ethyl-	12.5	J		9.48	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	25.9	J		9.55	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	36.4	J		9.62	ug/L
000575-41-7	Naphthalene, 1,3-dimethyl-	17.9	J		9.74	ug/L

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Quant Time: Aug 21 07:06:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

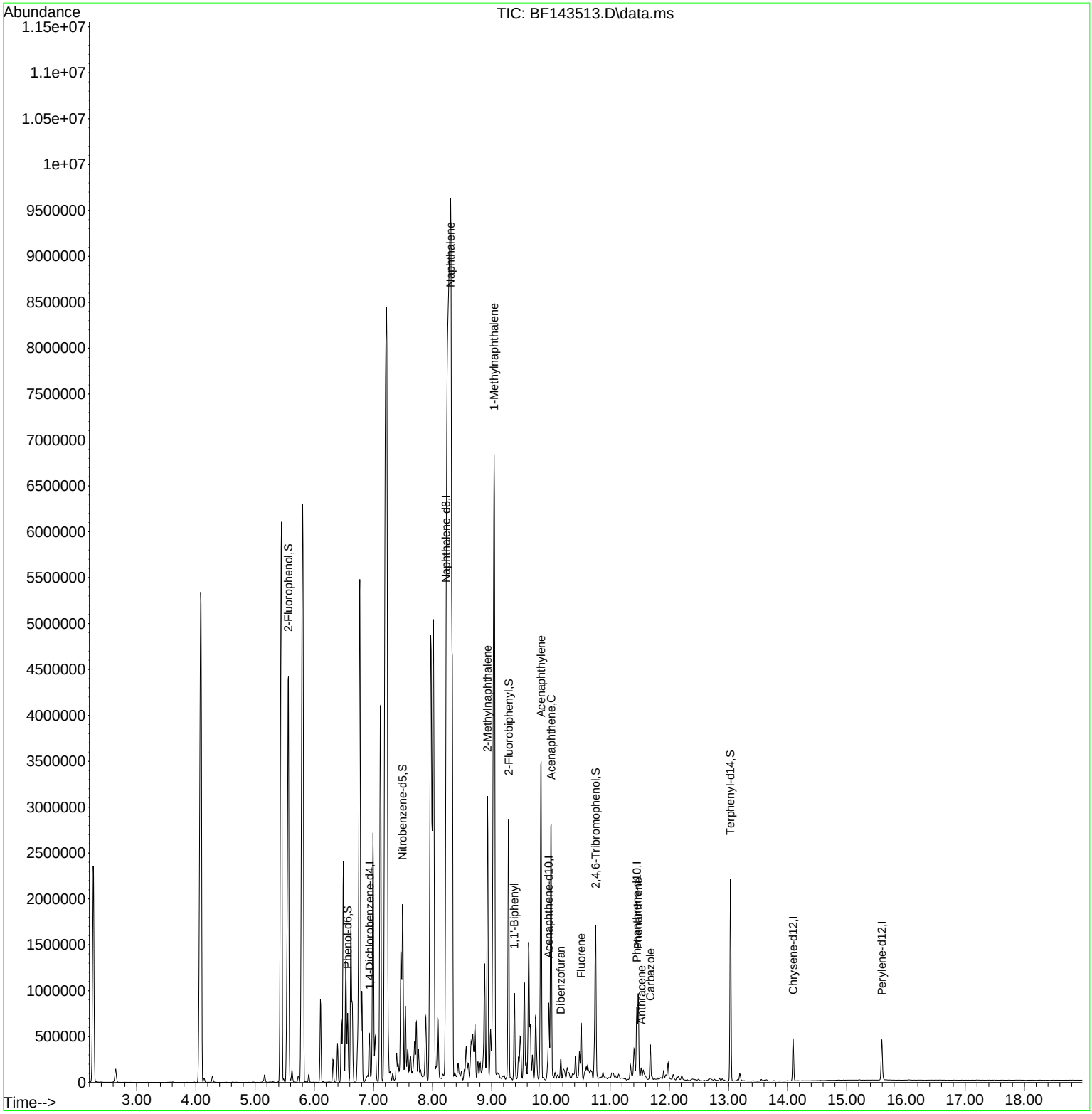
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	125223	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	212422	20.000	ng	0.02
39) Acenaphthene-d10	9.963	164	251603	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	379796	20.000	ng	0.00
76) Chrysene-d12	14.092	240	223331	20.000	ng	-0.01
86) Perylene-d12	15.592	264	273794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	344694	48.066	ng	0.00
7) Phenol-d6	6.563	99	334252	37.757	ng	-0.01
23) Nitrobenzene-d5	7.492	82	727322	199.804	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	317039	135.368	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1285416	84.433	ng	0.00
79) Terphenyl-d14	13.033	244	1068479	83.488	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.304	128	21360853	2094.533	ng	# 94
37) 2-Methylnaphthalene	8.928	142	1026866	150.758	ng	100
38) 1-Methylnaphthalene	9.039	142	3520155	540.282	ng	99
46) 1,1'-Biphenyl	9.381	154	407321	22.809	ng	100
49) Acenaphthylene	9.834	152	2111265	105.231	ng	98
52) Acenaphthene	10.004	154	894990	65.702	ng	99
55) Dibenzofuran	10.169	168	92324	4.754	ng	# 97
58) Fluorene	10.510	166	254691	17.039	ng	98
71) Phenanthrene	11.475	178	456787	22.459	ng	99
72) Anthracene	11.528	178	64117	3.112	ng	100
73) Carbazole	11.680	167	210655	12.478	ng	99

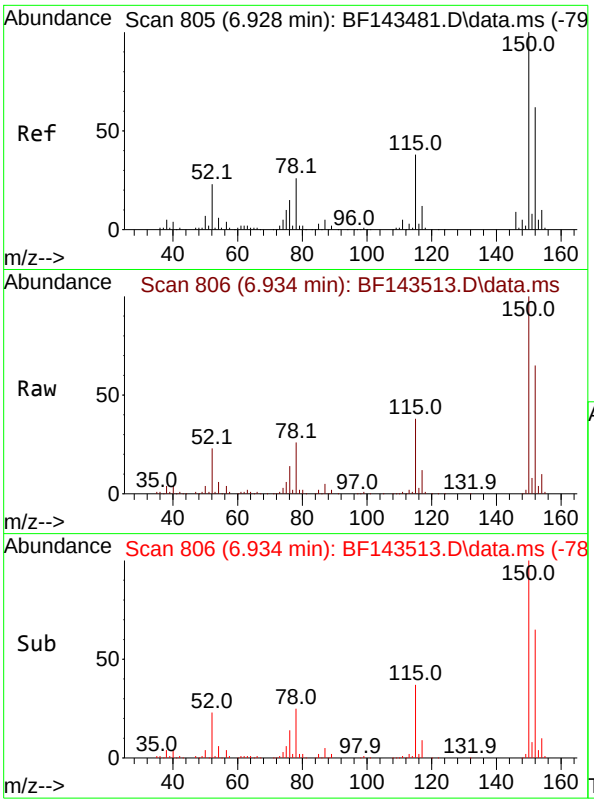
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Quant Time: Aug 21 07:06:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration



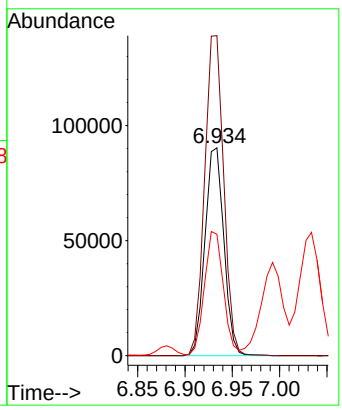


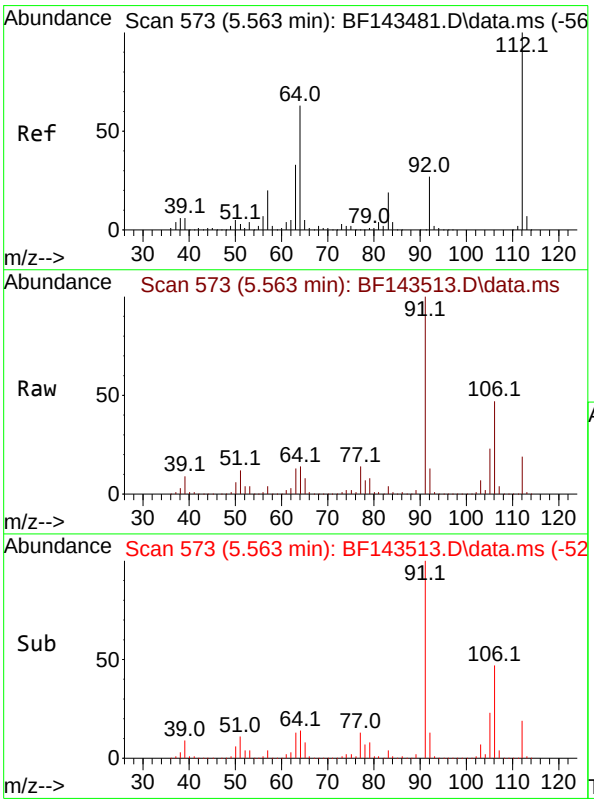
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Tgt Ion:152 Resp: 125223

Ion	Ratio	Lower	Upper
152	100		
150	153.9	128.9	193.3
115	58.5	49.2	73.8

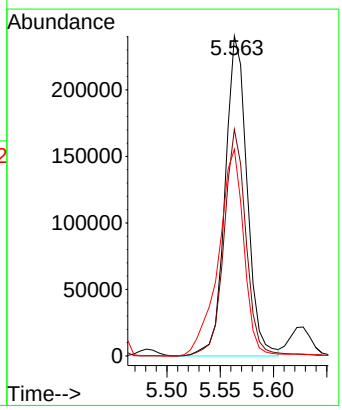


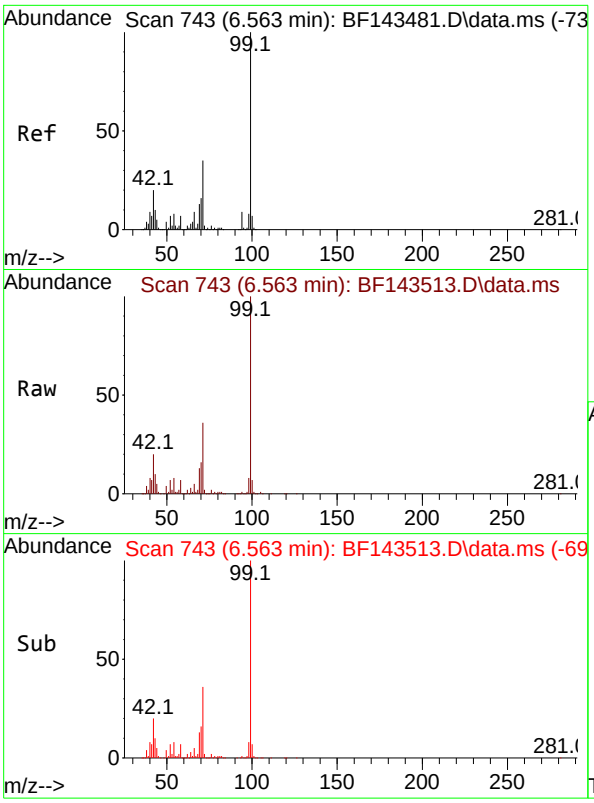


#5
2-Fluorophenol
Concen: 48.066 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Tgt Ion:112 Resp: 344694

Ion	Ratio	Lower	Upper
112	100		
64	70.8	50.4	75.6
63	64.6	26.4	39.6#



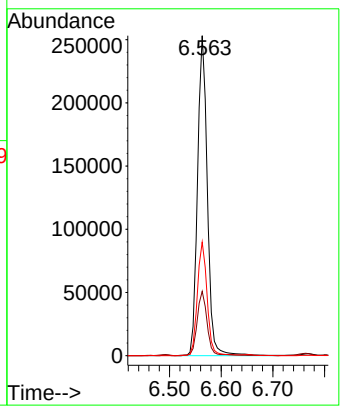


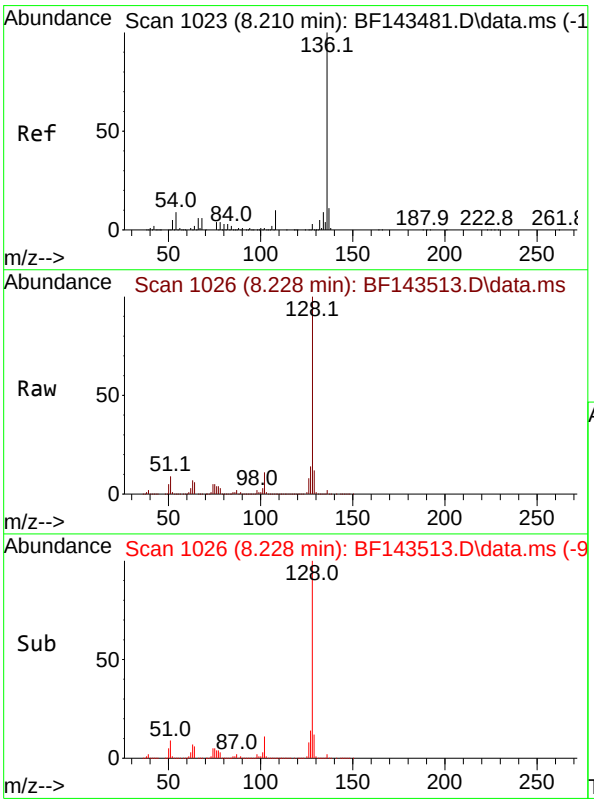
#7
Phenol-d6
Concen: 37.757 ng
RT: 6.563 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Tgt Ion: 99 Resp: 334252

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.3	24.5
71	35.5	28.2	42.2

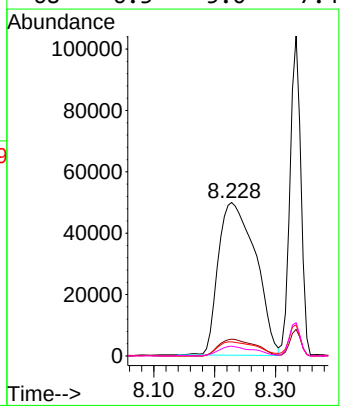


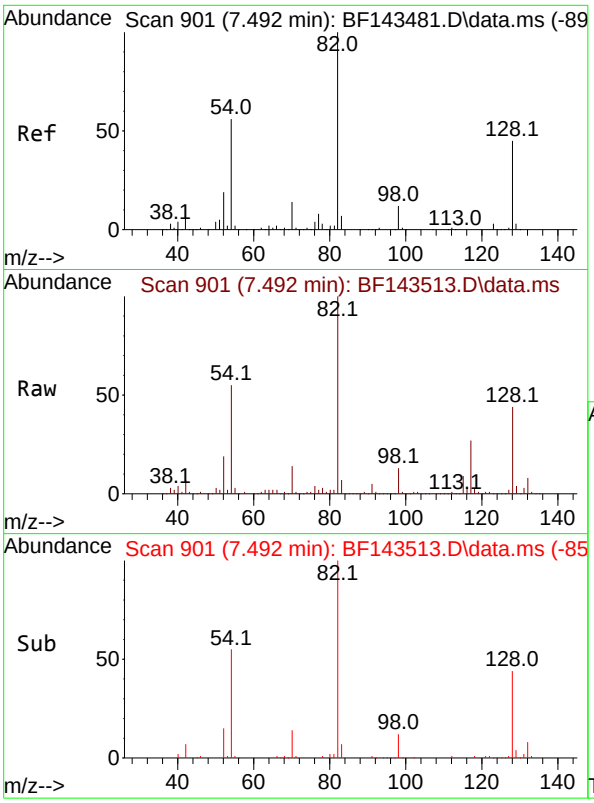


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1026
Delta R.T. 0.018 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Tgt Ion:136 Resp: 212422

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.2	7.4	11.2
68	6.3	5.0	7.4



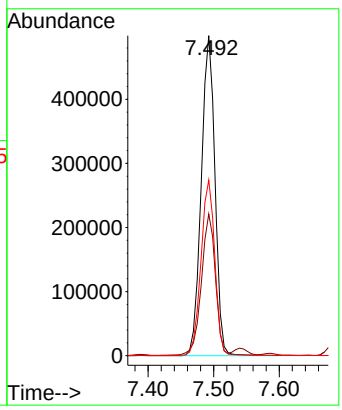


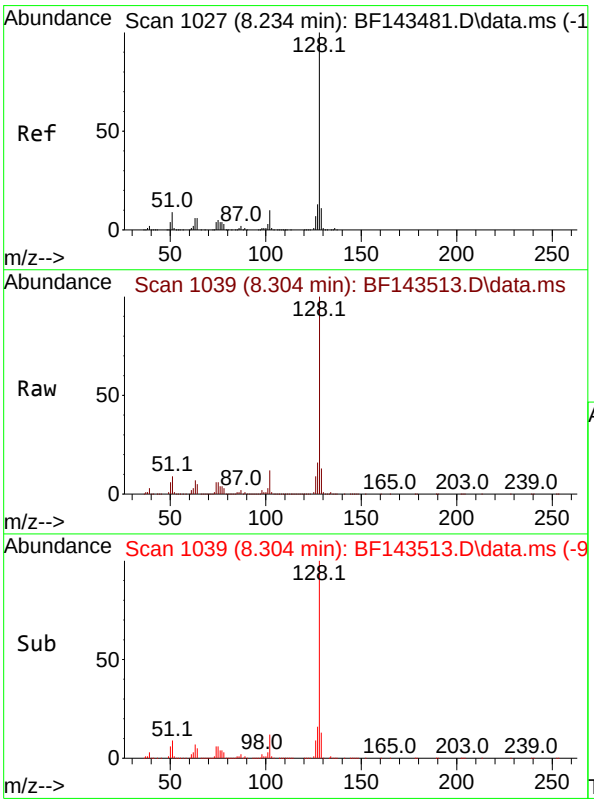
#23
Nitrobenzene-d5
Concen: 199.804 ng
RT: 7.492 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Tgt Ion: 82 Resp: 727322

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.5	53.3
54	54.9	44.3	66.5

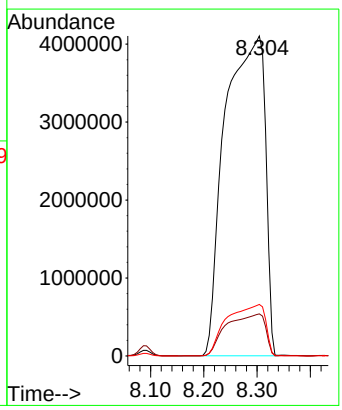


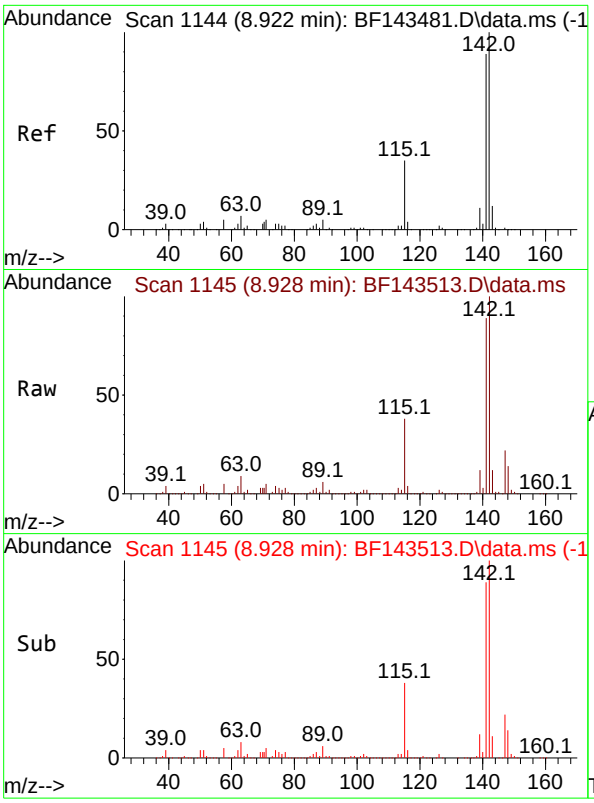


#31
Naphthalene
Concen: 2094.533 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.071 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Tgt Ion:128 Resp:21360853

Ion	Ratio	Lower	Upper
128	100		
129	13.2	8.8	13.2
127	16.1	10.6	16.0#



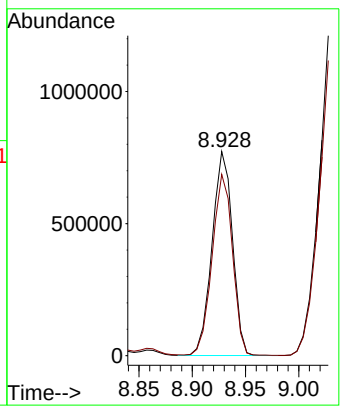


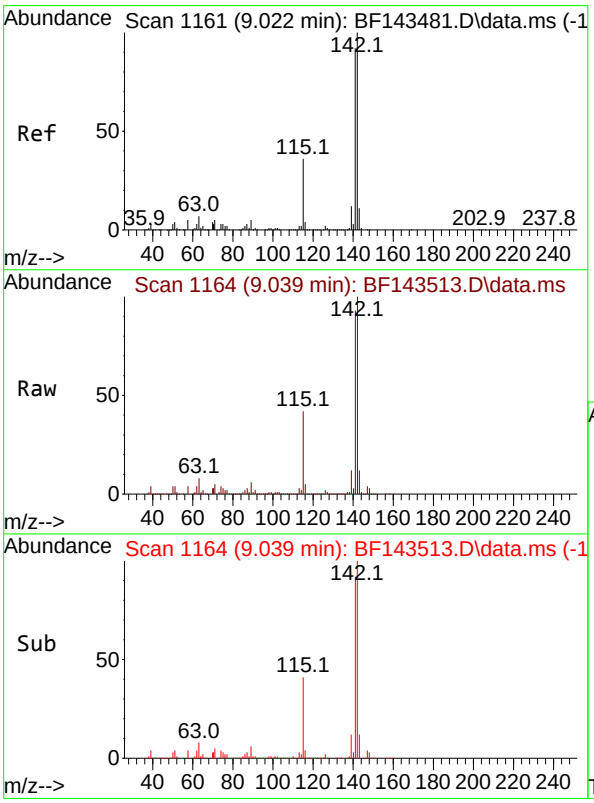
#37
2-Methylnaphthalene
Concen: 150.758 ng
RT: 8.928 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Tgt Ion:142 Resp: 1026866

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.4

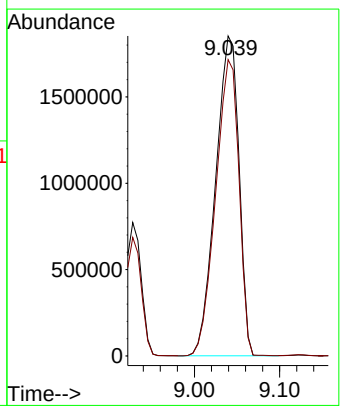


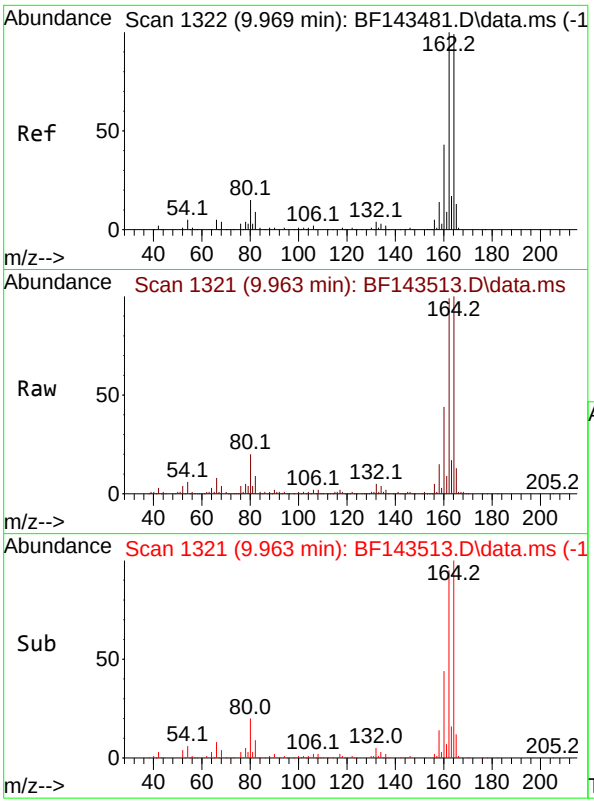


#38
1-Methylnaphthalene
Concen: 540.282 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.012 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Tgt Ion:142 Resp: 3520155

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.3	109.9



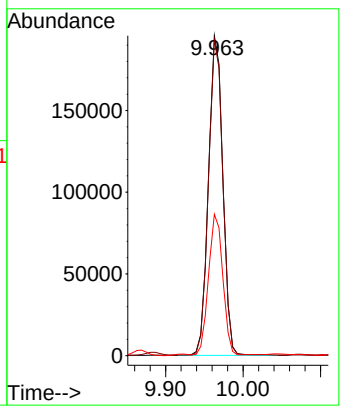


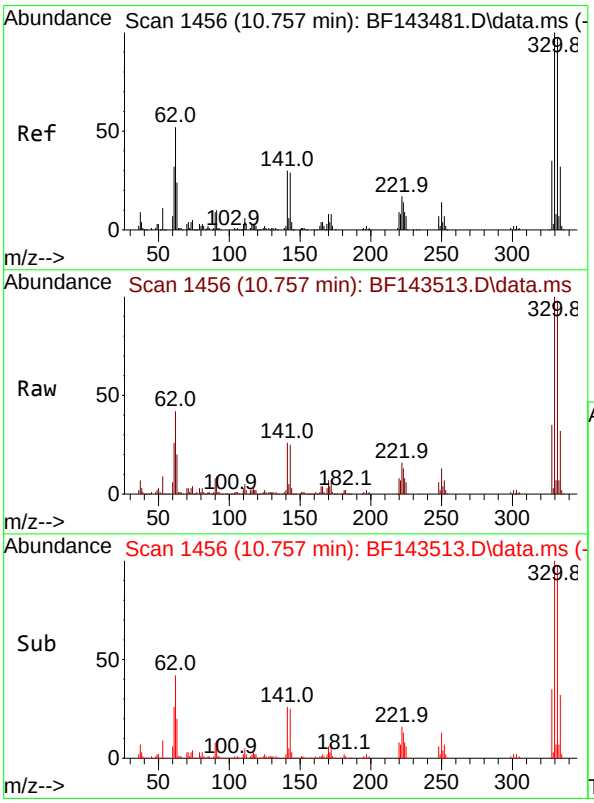
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Tgt Ion:164 Resp: 251603

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.5	120.7
160	44.2	34.3	51.5

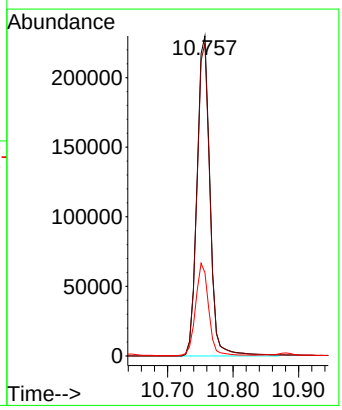


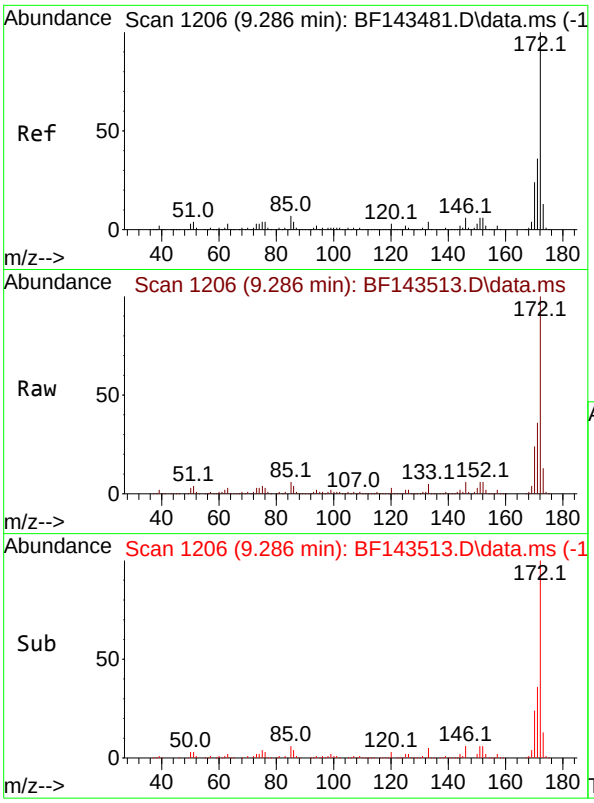


#42
2,4,6-Tribromophenol
Concen: 135.368 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Tgt Ion:330 Resp: 317039

Ion	Ratio	Lower	Upper
330	100		
332	98.7	78.0	117.0
141	29.0	23.7	35.5



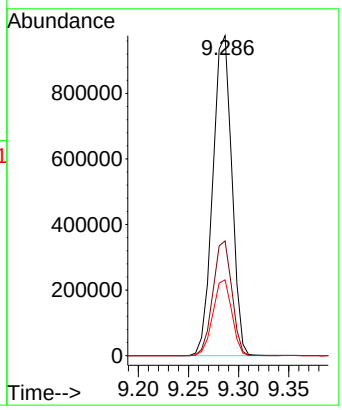


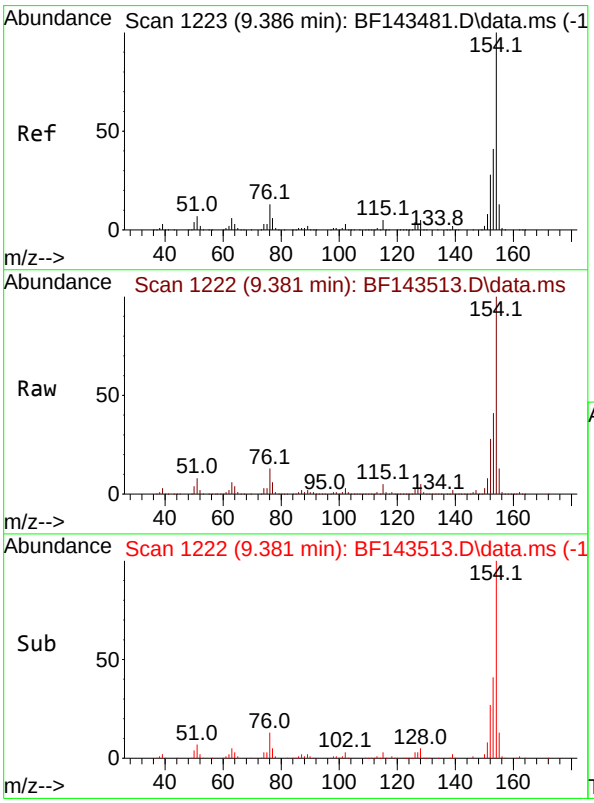
#45
2-Fluorobiphenyl
Concen: 84.433 ng
RT: 9.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Tgt Ion:172 Resp: 1285416

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.7	18.8	28.2

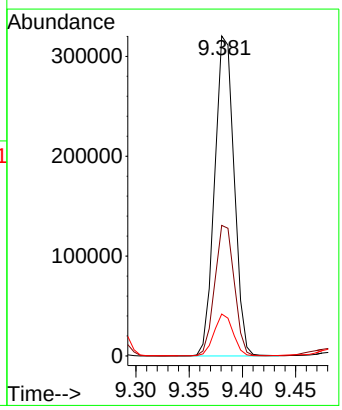


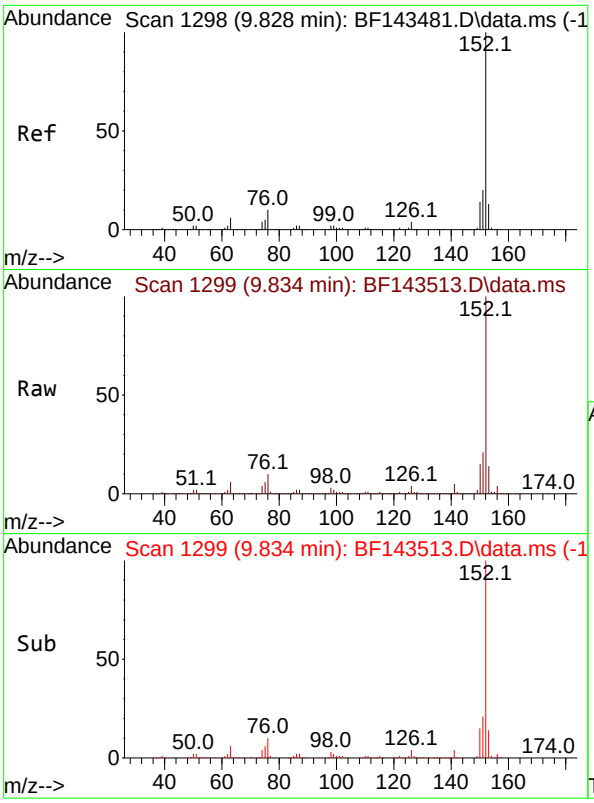


#46
1,1'-Biphenyl
Concen: 22.809 ng
RT: 9.381 min Scan# 1222
Delta R.T. -0.012 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Tgt Ion:154 Resp: 407321

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	13.1	0.0	33.0



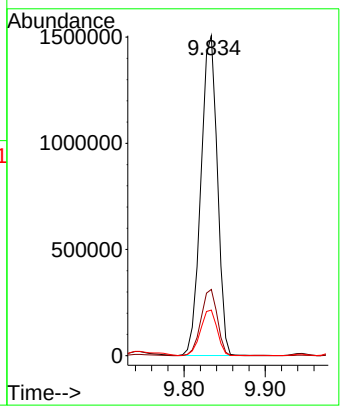


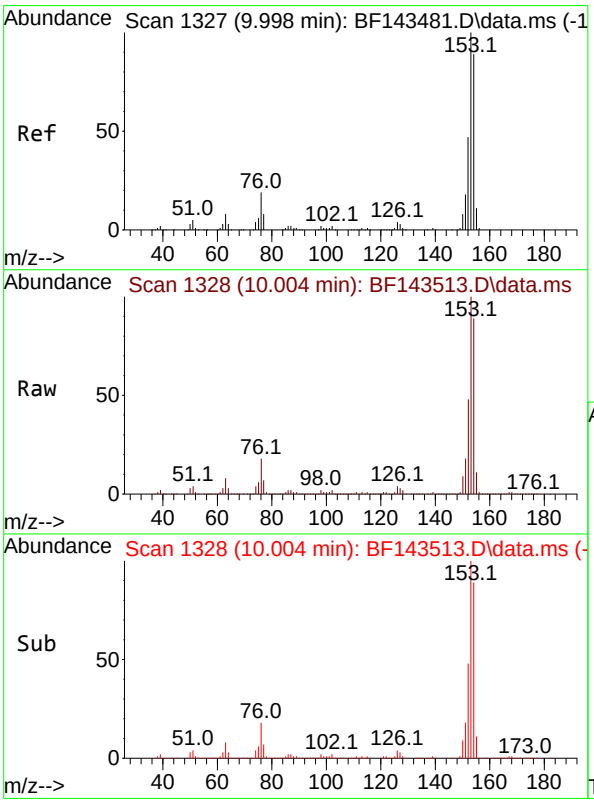
#49
Acenaphthylene
Concen: 105.231 ng
RT: 9.834 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Tgt Ion:152 Resp: 2111265

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4
153	14.2	10.6	15.8

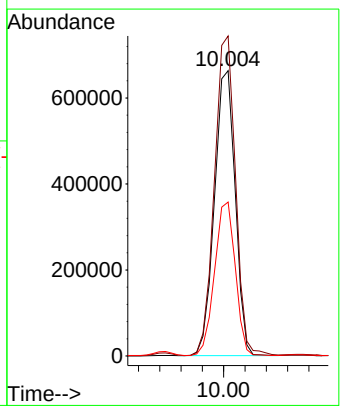


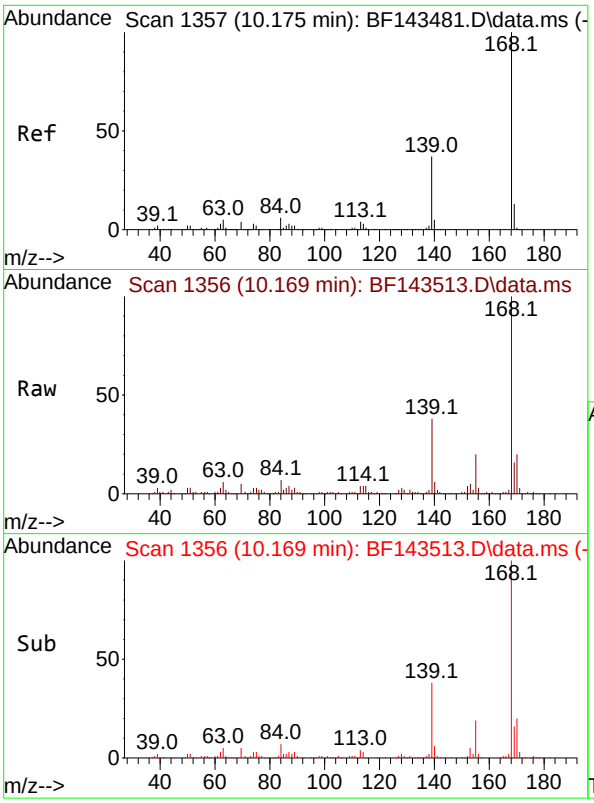


#52
Acenaphthene
Concen: 65.702 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Tgt Ion:154 Resp: 894990

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.5	134.3
152	53.9	42.5	63.7



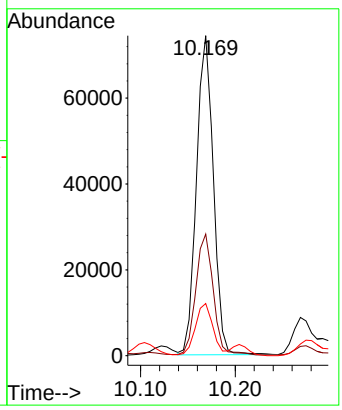


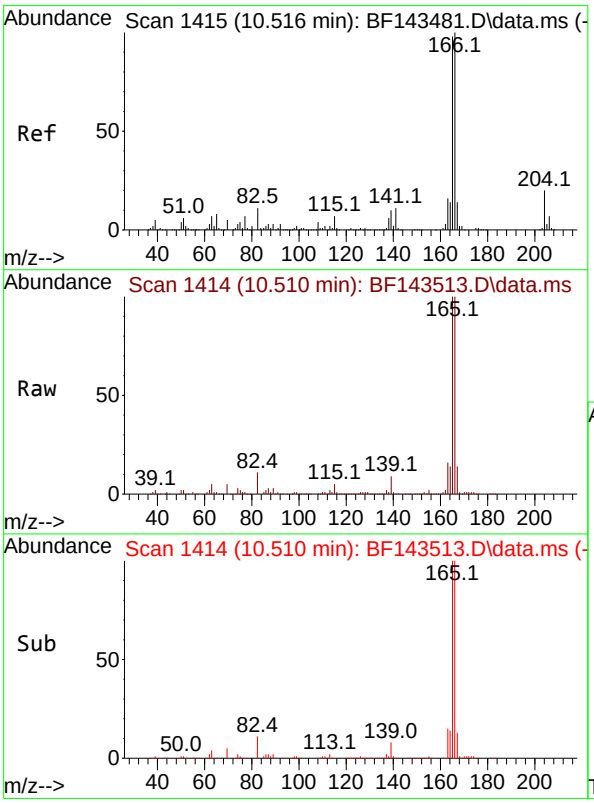
#55
Dibenzofuran
Concen: 4.754 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Tgt Ion:168 Resp: 92324

Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.8	44.6
169	16.3	10.8	16.2#

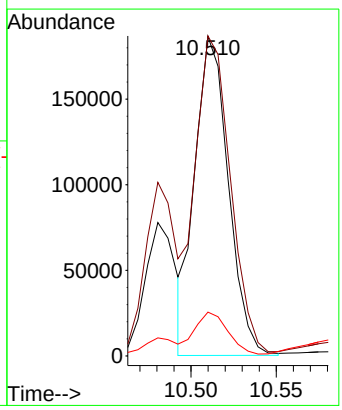


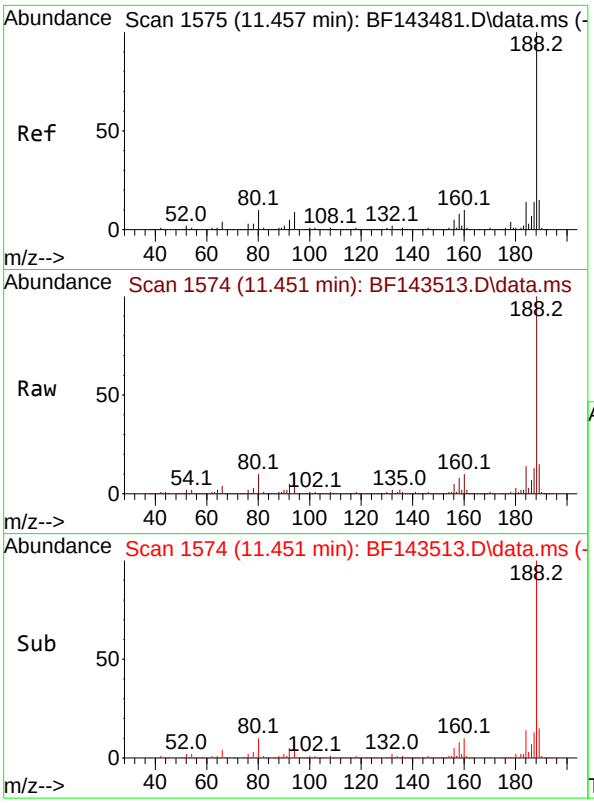


#58
Fluorene
Concen: 17.039 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Tgt Ion:166 Resp: 254691

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.3	117.5
167	13.7	11.0	16.4



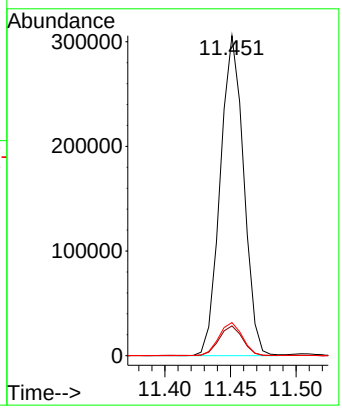


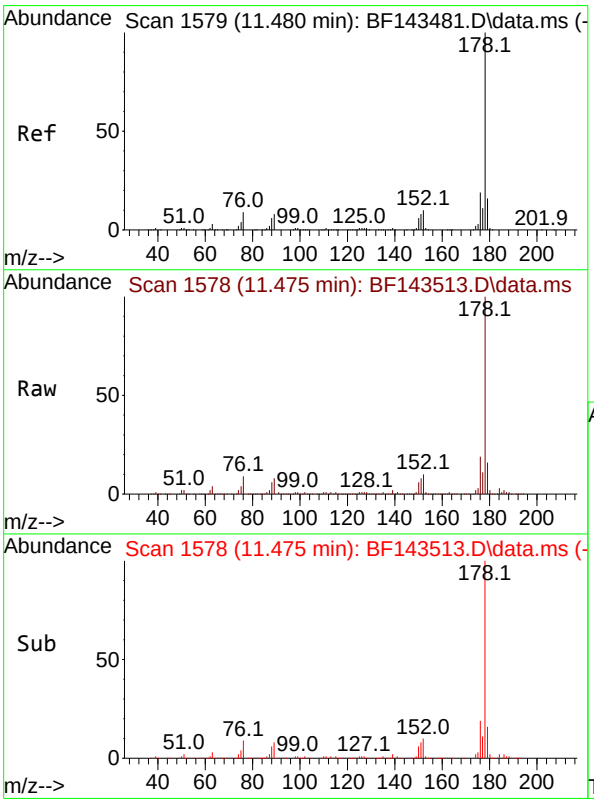
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Tgt Ion:188 Resp: 379796

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	10.4	8.2	12.4

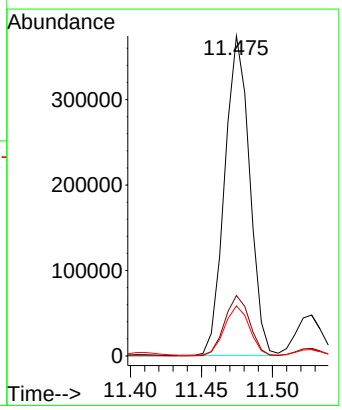


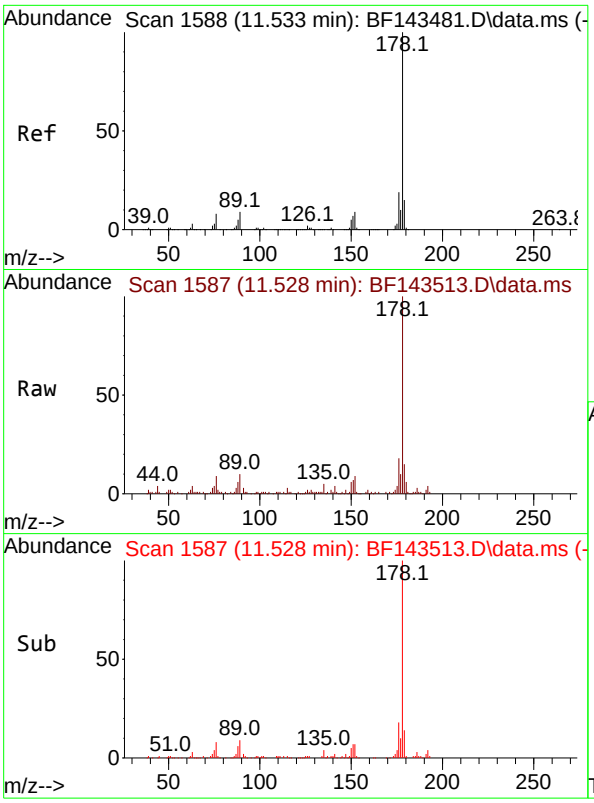


#71
Phenanthrene
Concen: 22.459 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Tgt Ion:178 Resp: 456787

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.7	12.5	18.7



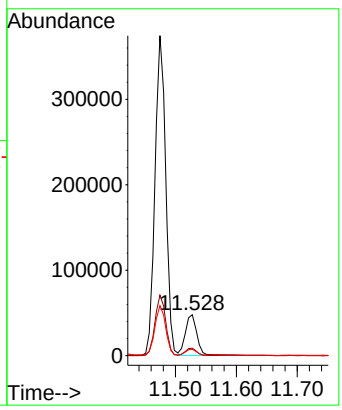


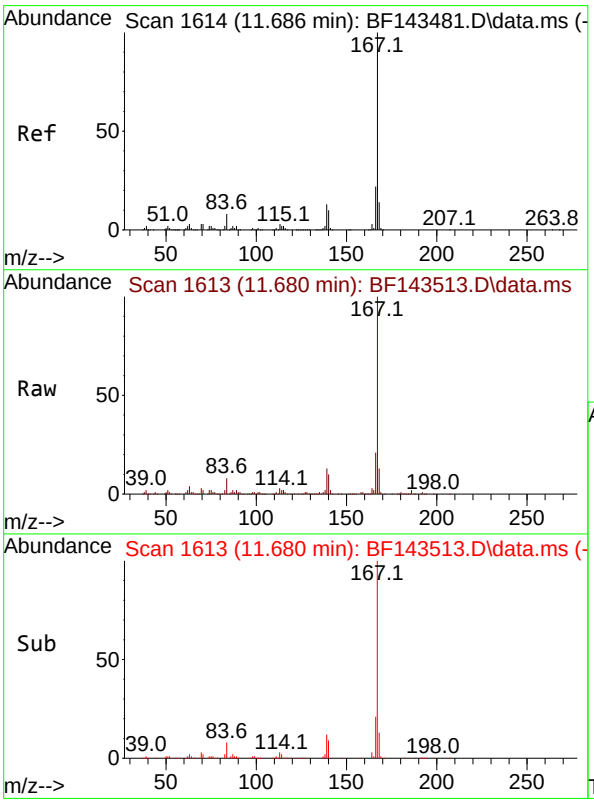
#72
Anthracene
Concen: 3.112 ng
RT: 11.528 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Tgt Ion:178 Resp: 64117

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.5	12.3	18.5

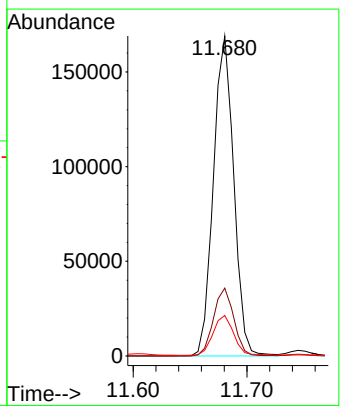


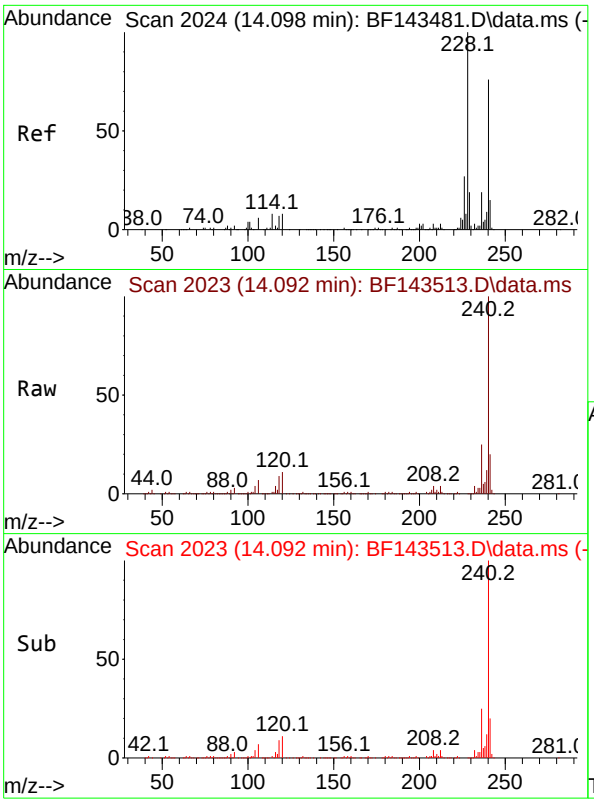


#73
Carbazole
Concen: 12.478 ng
RT: 11.680 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Tgt Ion:167 Resp: 210655

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.3	25.9
139	12.7	10.0	15.0



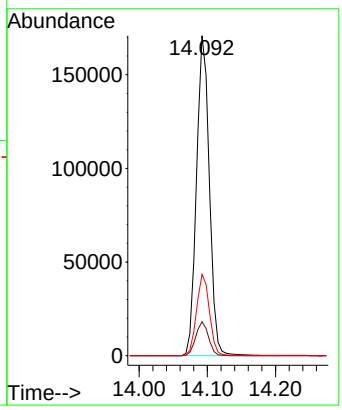


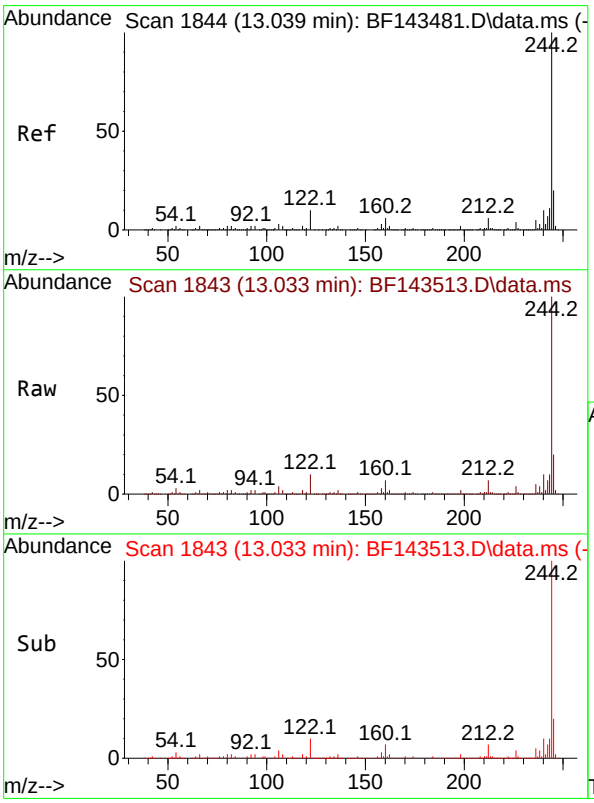
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Tgt Ion:240 Resp: 223331

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.6	12.8
236	25.4	20.4	30.6

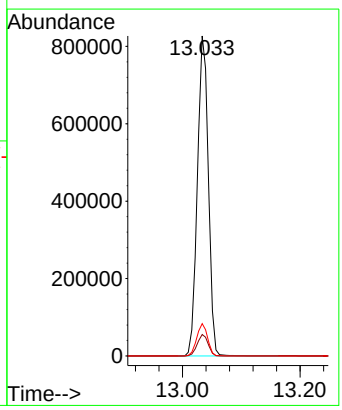


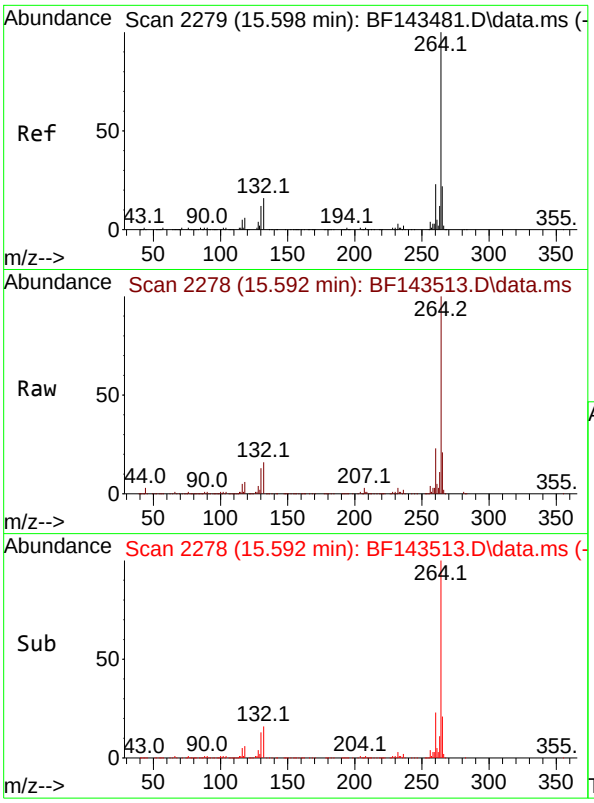


#79
Terphenyl-d14
Concen: 83.488 ng
RT: 13.033 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Tgt Ion:244 Resp: 1068479

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	10.1	7.9	11.9



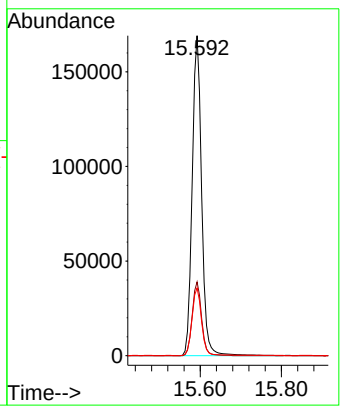


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143513.D
Acq: 21 Aug 2025 05:18

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Tgt Ion:264 Resp: 273794

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.1	17.6	26.4



Sample Results: **BF143513.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143513.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	4	12	19	rBV	2350522	3855389	7.06%	1.583%
2	4.081	310	321	327	rBV	5341616	11464235	20.99%	4.706%
3	5.446	545	553	558	rBV	6102314	10507708	19.24%	4.314%
4	5.563	563	573	579	rVV2	4420282	8070455	14.78%	3.313%
5	5.804	605	614	620	rVB4	6284683	13815396	25.29%	5.672%
6	6.104	658	665	671	rBV	901416	1148956	2.10%	0.472%
7	6.457	720	725	727	rBV	681101	857096	1.57%	0.352%
8	6.493	727	731	735	rVB	2278103	2773426	5.08%	1.139%
9	6.534	735	738	741	rBV	1194826	1454493	2.66%	0.597%
10	6.563	741	743	748	rVB	715900	816461	1.49%	0.335%
11	6.622	748	753	755	rBV	1676316	2345979	4.30%	0.963%
12	6.769	766	778	782	rBV2	5475755	10104859	18.50%	4.148%
13	6.804	782	784	791	rVB	984760	1097891	2.01%	0.451%
14	6.928	801	805	810	rVB	480685	610136	1.12%	0.250%
15	6.993	810	816	820	rBV	2658197	3831240	7.01%	1.573%
16	7.034	820	823	830	rVB	497498	723814	1.33%	0.297%
17	7.122	830	838	843	rBV	4098183	6629600	12.14%	2.722%
18	7.222	843	855	864	rBV	8428039	25719692	47.09%	10.559%
19	7.463	891	896	899	rVV	1396029	2349771	4.30%	0.965%
20	7.492	899	901	905	rVV2	1915272	2383445	4.36%	0.978%
21	7.540	905	909	913	rVV	805939	1171445	2.14%	0.481%
22	7.698	930	936	938	rVV2	413772	756805	1.39%	0.311%
23	7.728	938	941	944	rVV	629932	816285	1.49%	0.335%
24	7.887	962	968	973	rVB	697676	1036086	1.90%	0.425%
25	7.969	973	982	986	rBV3	4854598	10925485	20.00%	4.485%
26	8.010	986	989	995	rVV	5005121	8950466	16.39%	3.674%
27	8.087	998	1002	1009	rVB	649829	1016551	1.86%	0.417%
28	8.304	1019	1039	1048	rVB2	9553958	54620089	100.00%	22.423%
29	8.651	1093	1098	1100	rBV	382524	625699	1.15%	0.257%
30	8.675	1100	1102	1106	rVV2	453635	782886	1.43%	0.321%
31	8.716	1106	1109	1114	rVB	576661	767171	1.40%	0.315%
32	8.881	1127	1137	1141	rVV	1214133	1880250	3.44%	0.772%
33	8.928	1141	1145	1150	rVV	3036049	3924066	7.18%	1.611%
34	8.981	1150	1154	1156	rVV	499749	671408	1.23%	0.276%
35	9.039	1156	1164	1170	rVB2	6754797	13773535	25.22%	5.654%
36	9.286	1197	1206	1210	rBV	2831857	3776112	6.91%	1.550%

Sample Results: **BF143513.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.381	1217	1222	1229	rBV	947408	1263495	2.31%	0.519%
38	9.481	1236	1239	1245	rVV	467005	804653	1.47%	0.330%
39	9.551	1245	1251	1255	rVV	1051550	1674106	3.07%	0.687%
40	9.622	1259	1263	1267	rVV	1489312	2348102	4.30%	0.964%
41	9.739	1278	1283	1292	rVB	680672	1154334	2.11%	0.474%
42	9.834	1292	1299	1303	rBV	3462348	4919168	9.01%	2.019%
43	9.963	1312	1321	1324	rBV2	839951	1359165	2.49%	0.558%
44	10.004	1324	1328	1335	rVB	2770985	3741797	6.85%	1.536%
45	10.510	1411	1414	1420	rVB	615438	861515	1.58%	0.354%
46	10.751	1448	1455	1465	rBV2	1677709	2578546	4.72%	1.059%
47	11.404	1561	1566	1570	rVV	332918	567019	1.04%	0.233%
48	11.451	1570	1574	1576	rVV	780631	1096365	2.01%	0.450%
49	11.475	1576	1578	1583	rVV	923693	1045920	1.91%	0.429%
50	13.033	1837	1843	1848	rBV	2198686	2827434	5.18%	1.161%
51	14.092	2018	2023	2032	rVB	462013	600129	1.10%	0.246%
52	15.592	2272	2278	2288	rBV	437888	695052	1.27%	0.285%

Sum of corrected areas: 243591181

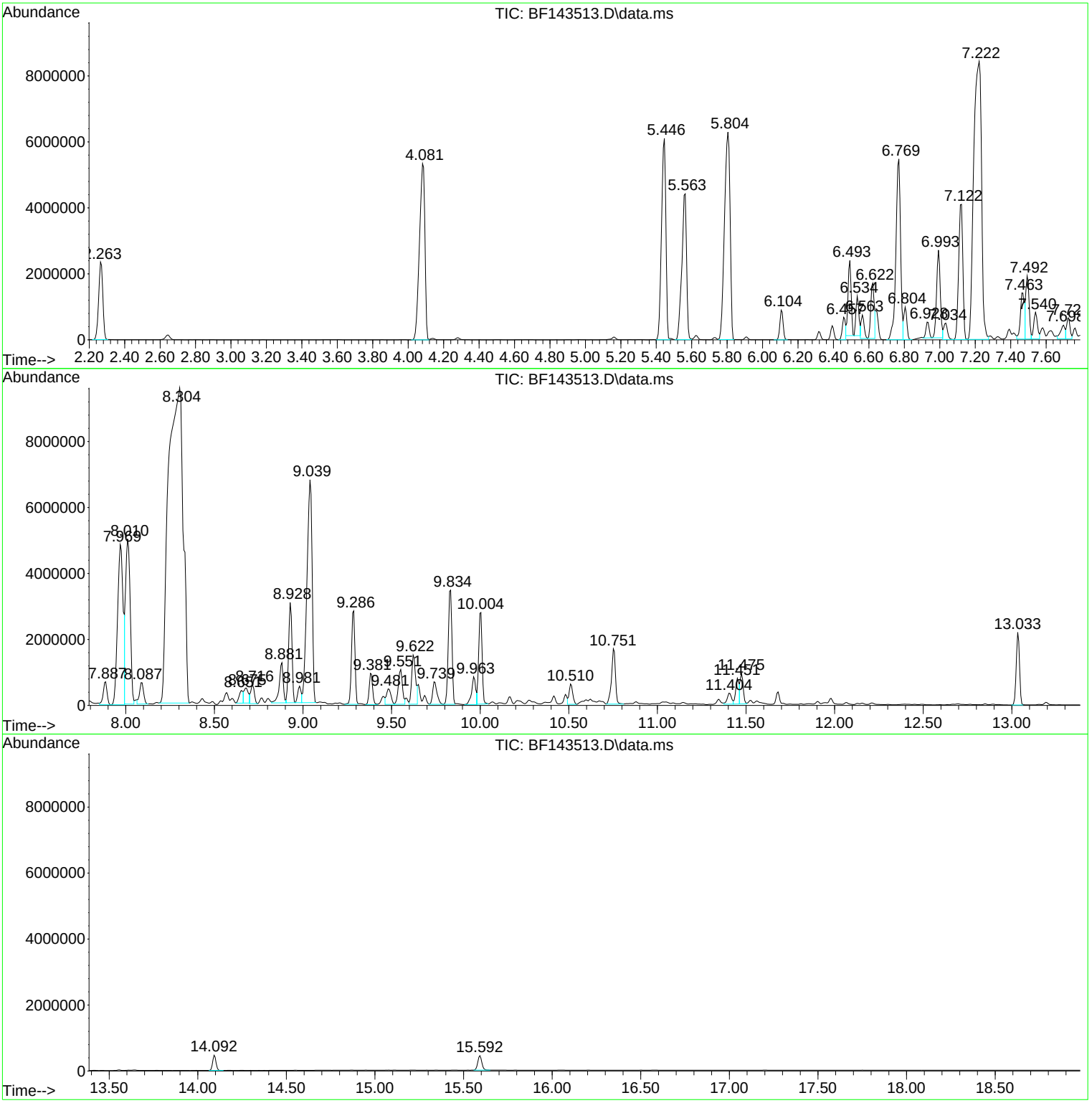
Sample Results: **BF143513.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

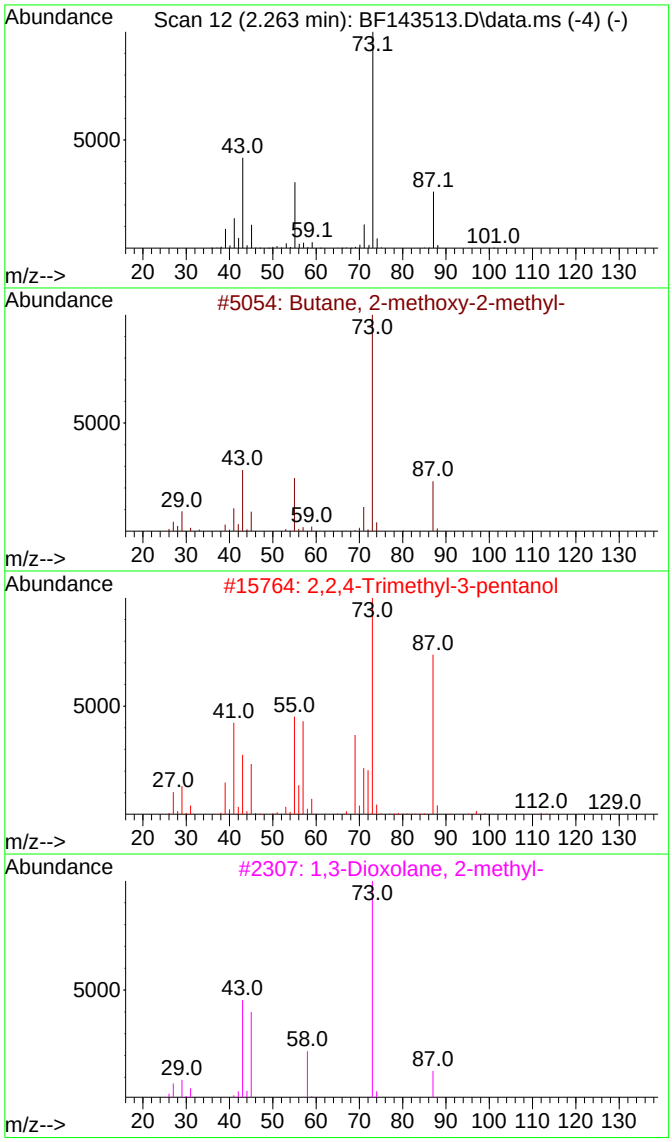
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

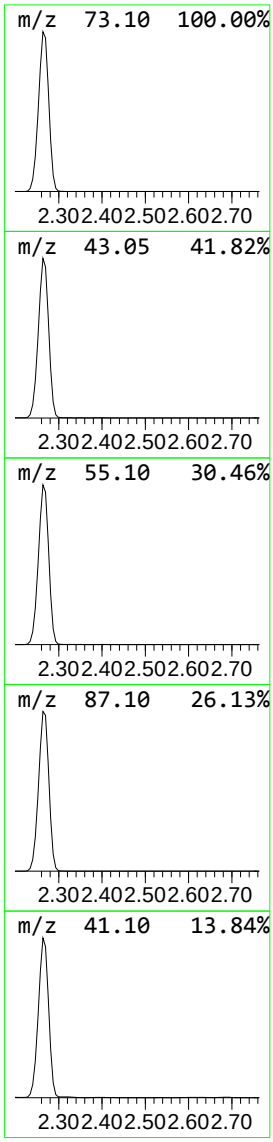
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.263	126.38 ng	3855390	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

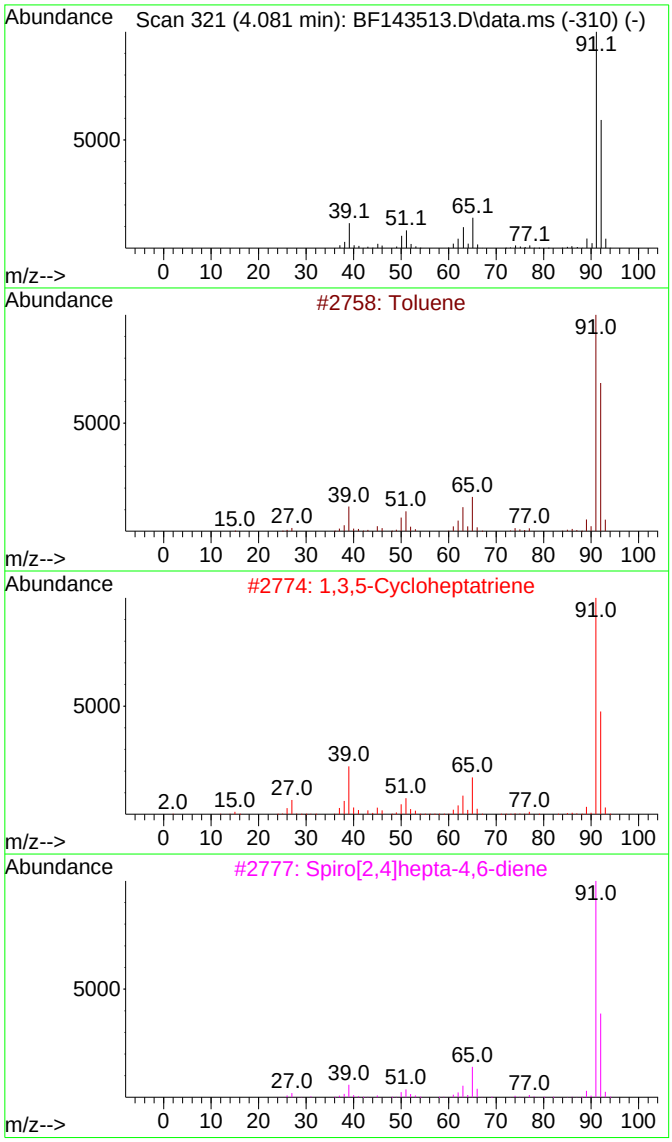
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

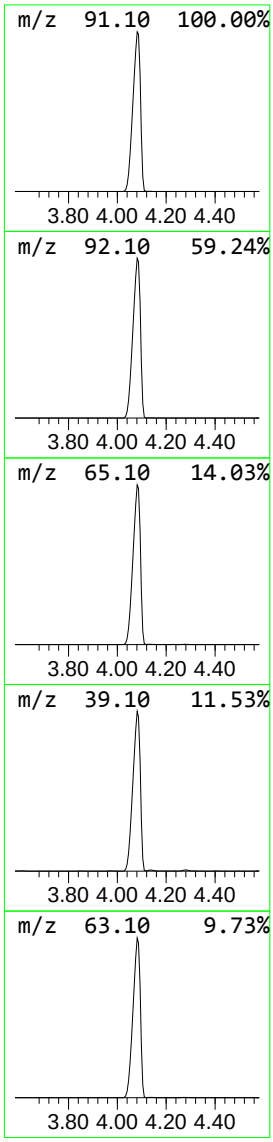
****

Peak Number 2 1,3,5-Cycloheptatriene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.081	375.79 ng	11464200	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	87
4	2,5-Norbornadiene	92	C7H8	000121-46-0	87
5	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

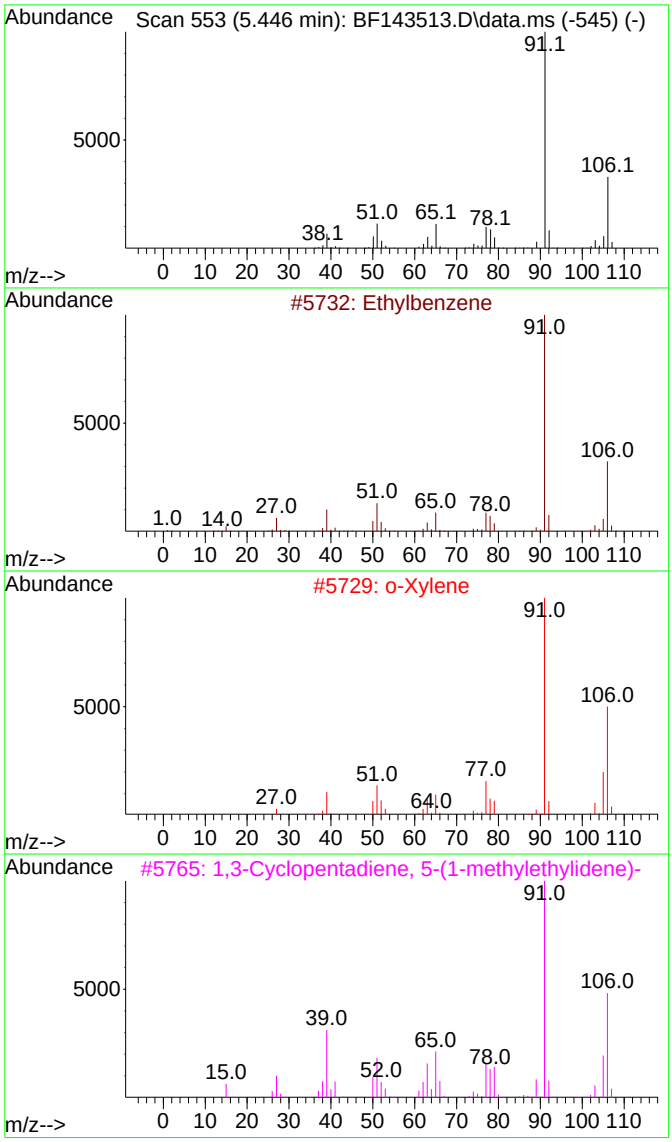
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

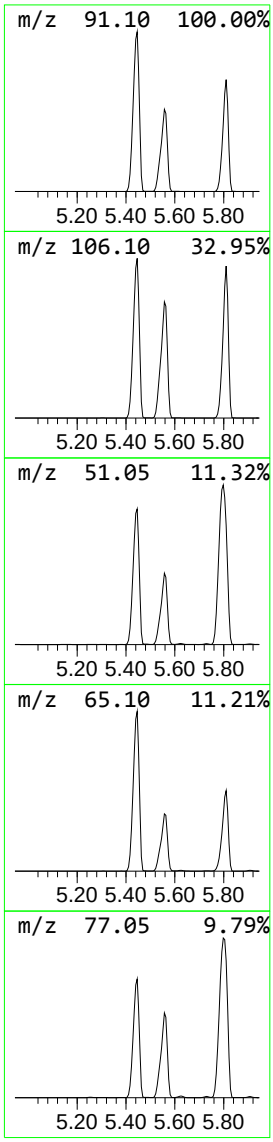
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.446	344.44 ng	10507700	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	o-Xylene	106	C8H10	000095-47-6	81
3	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	74
4	p-Xylene	106	C8H10	000106-42-3	72
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

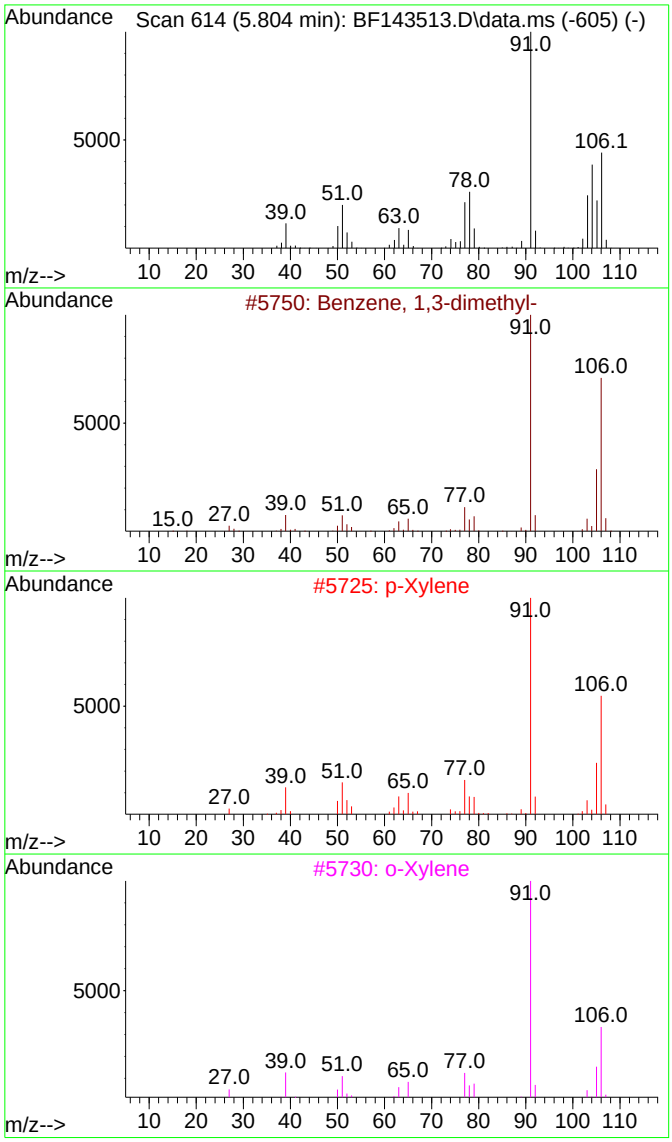
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

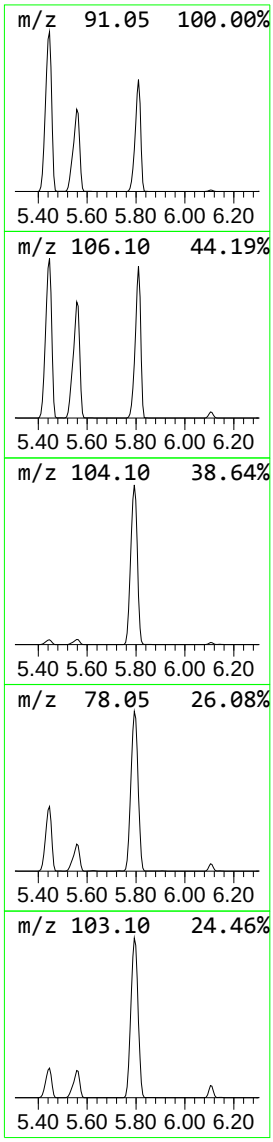
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.804	452.86 ng	13815400	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	64
2	p-Xylene	106	C8H10	000106-42-3	62
3	o-Xylene	106	C8H10	000095-47-6	53
4	Benzenepropanoyl bromide	212	C9H9BrO	010500-29-5	47
5	1-Cyclohexene, 1-ethynyl-	106	C8H10	1000327-56-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

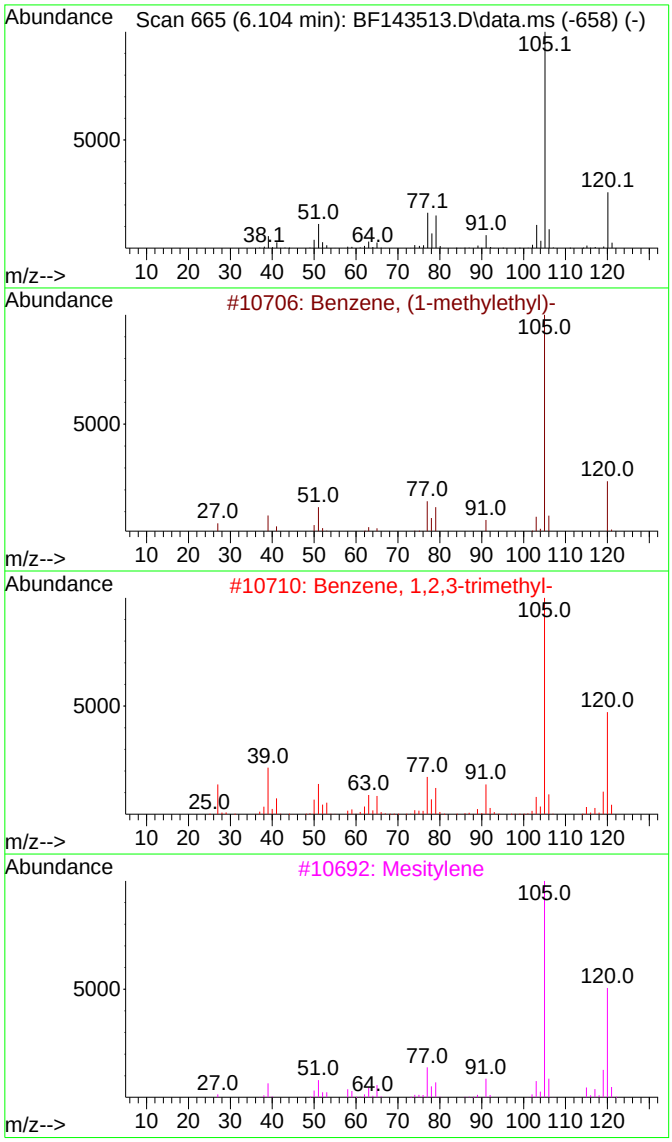
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

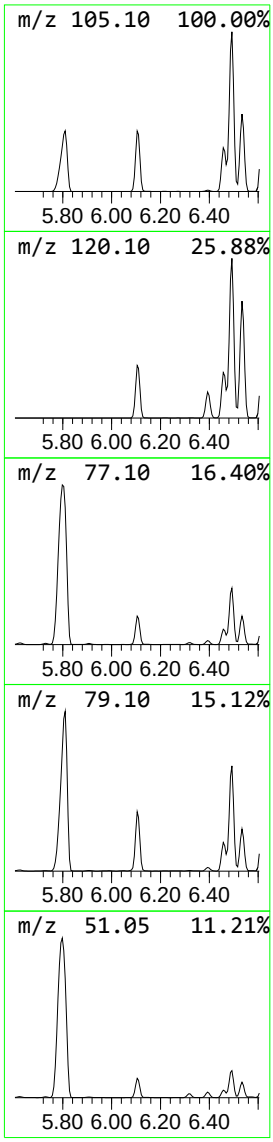
****

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.104	37.66 ng	1148960	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

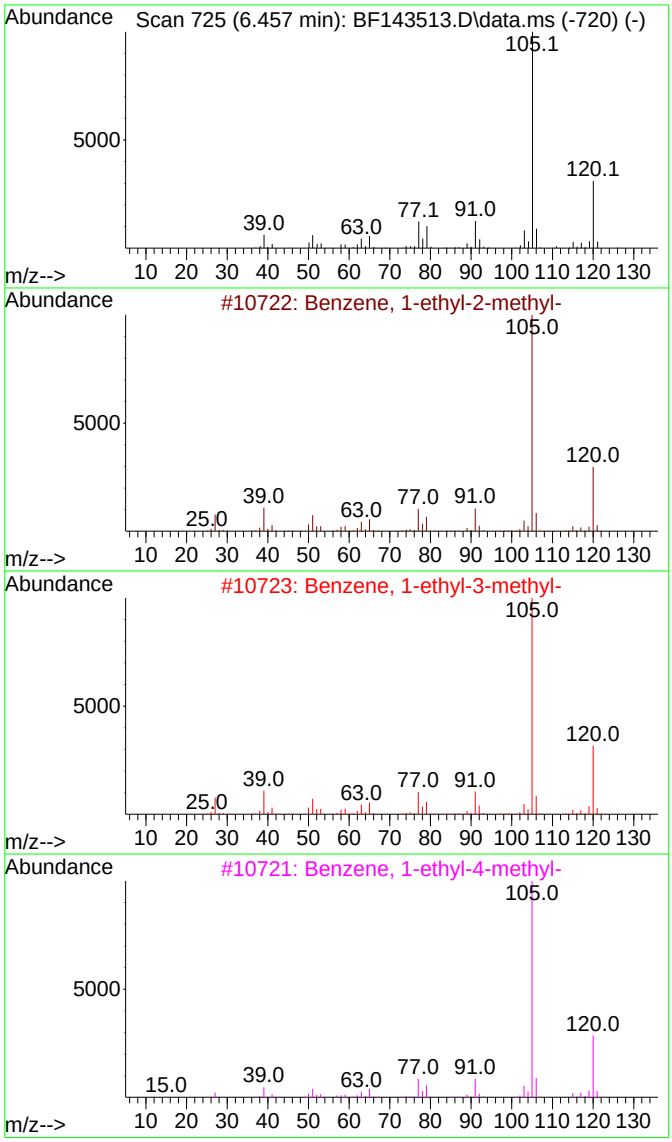
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

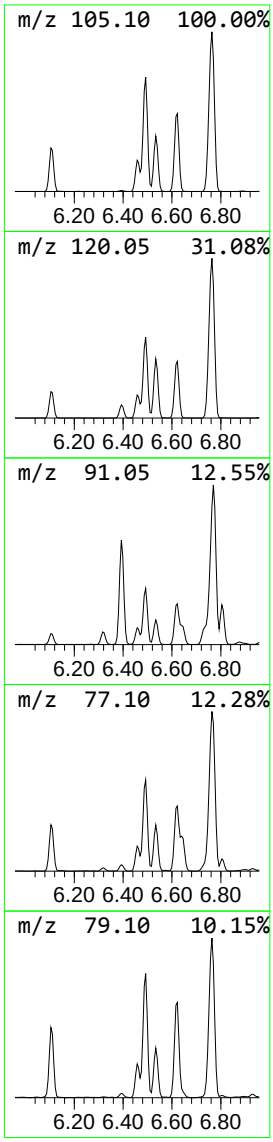
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.457	28.10 ng	857096	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Sample Results: **BF143513.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

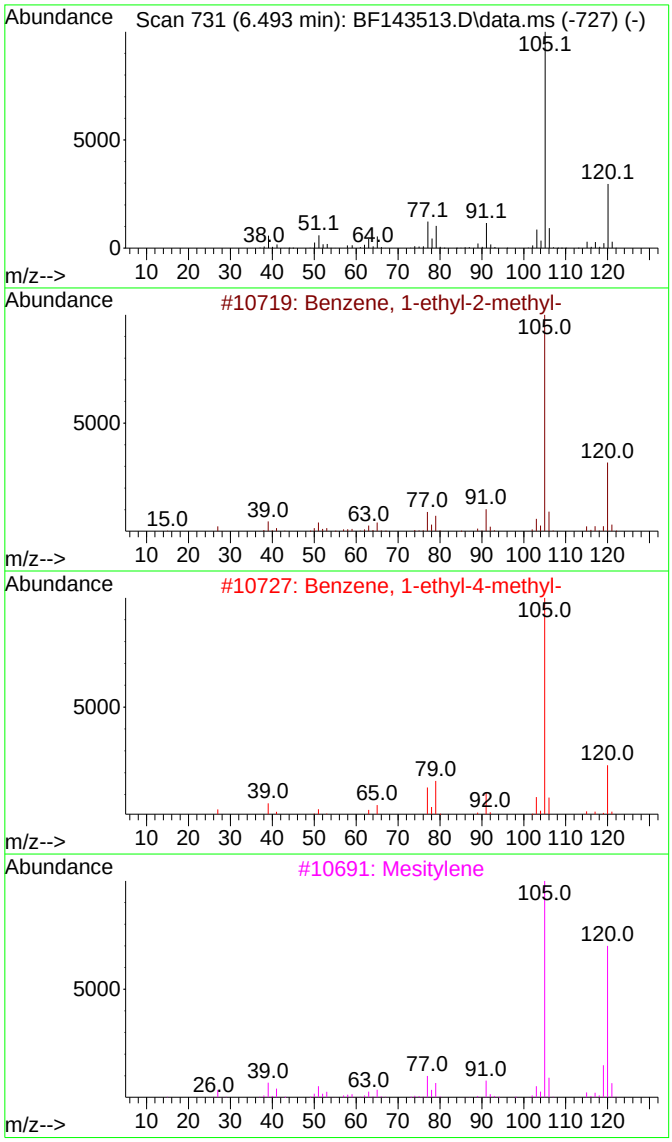
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

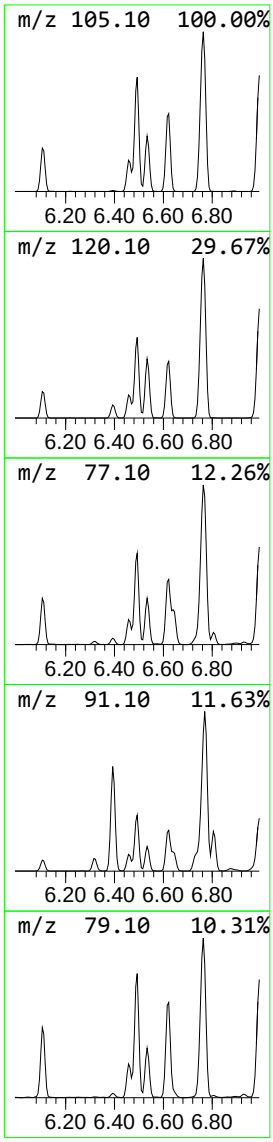
****

Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.493	90.91 ng	2773430	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Sample Results: **BF143513.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

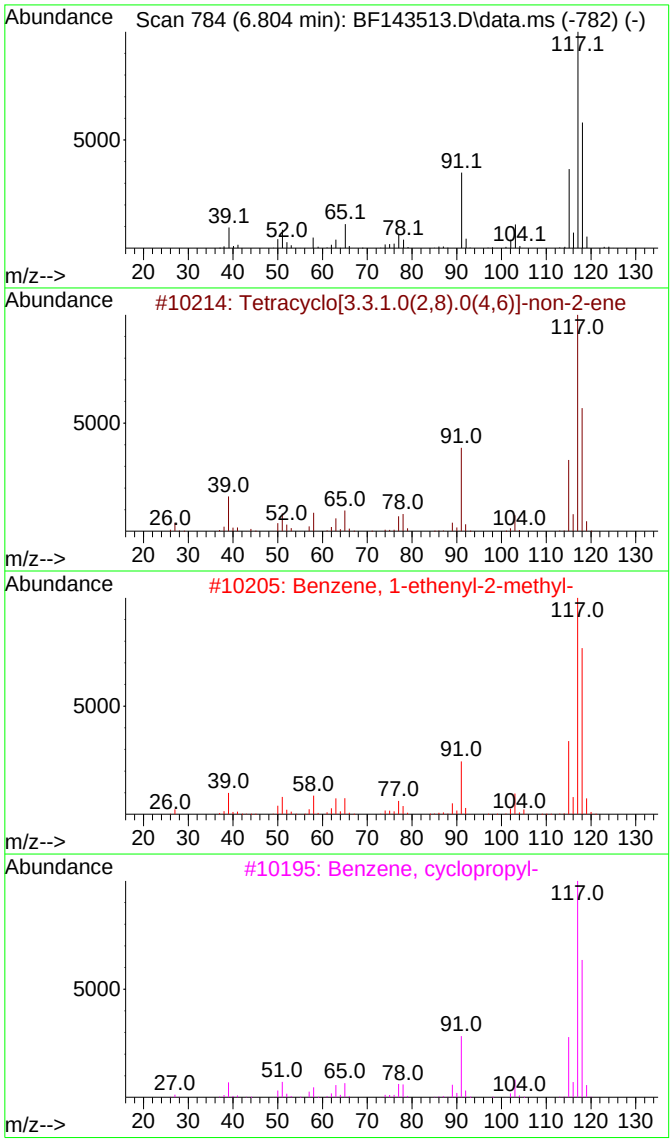
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

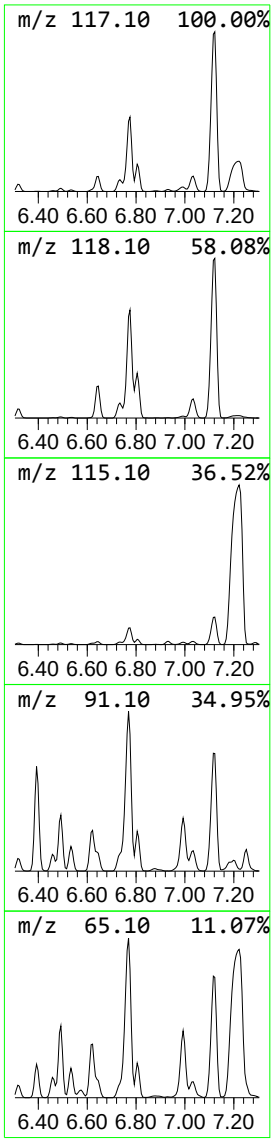
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.804	35.99 ng	1097890	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	87
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	83
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

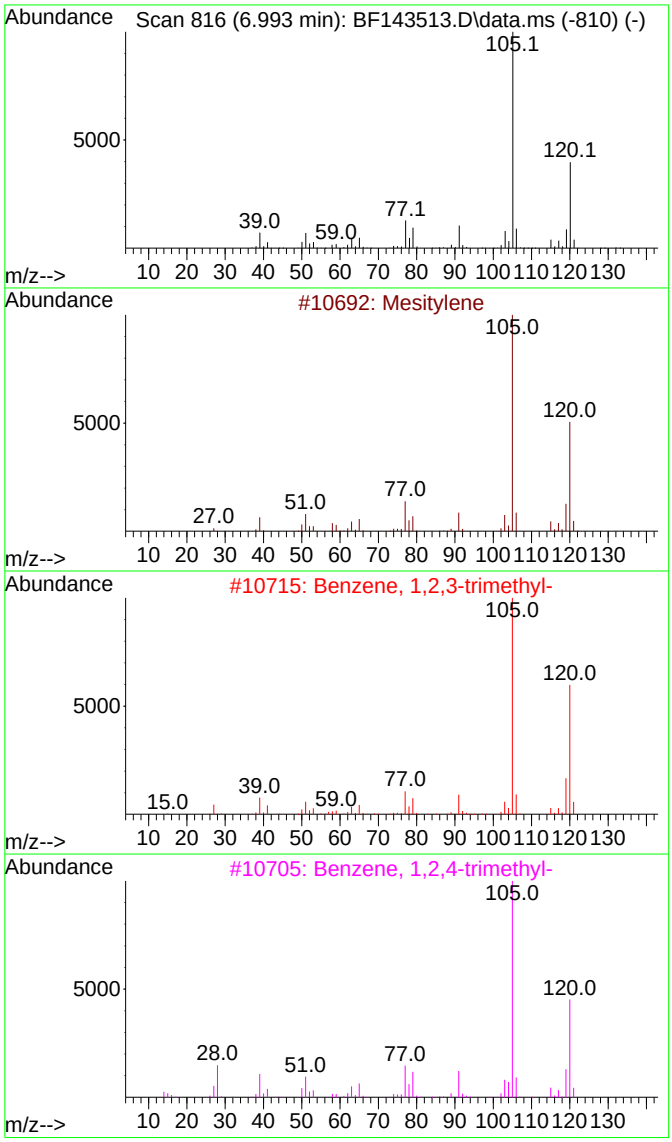
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

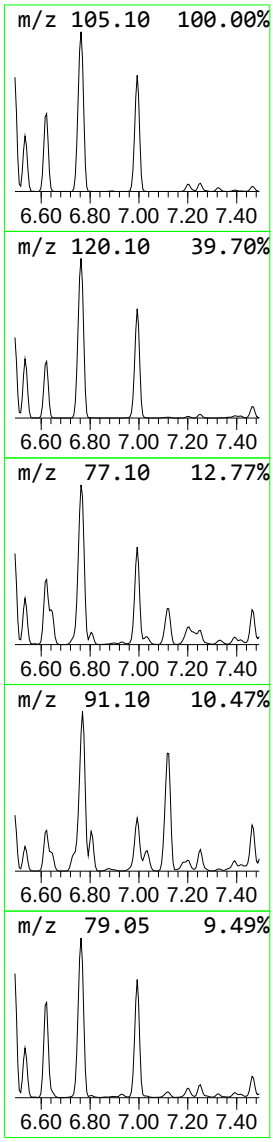
****

Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.993	125.59 ng	3831240	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

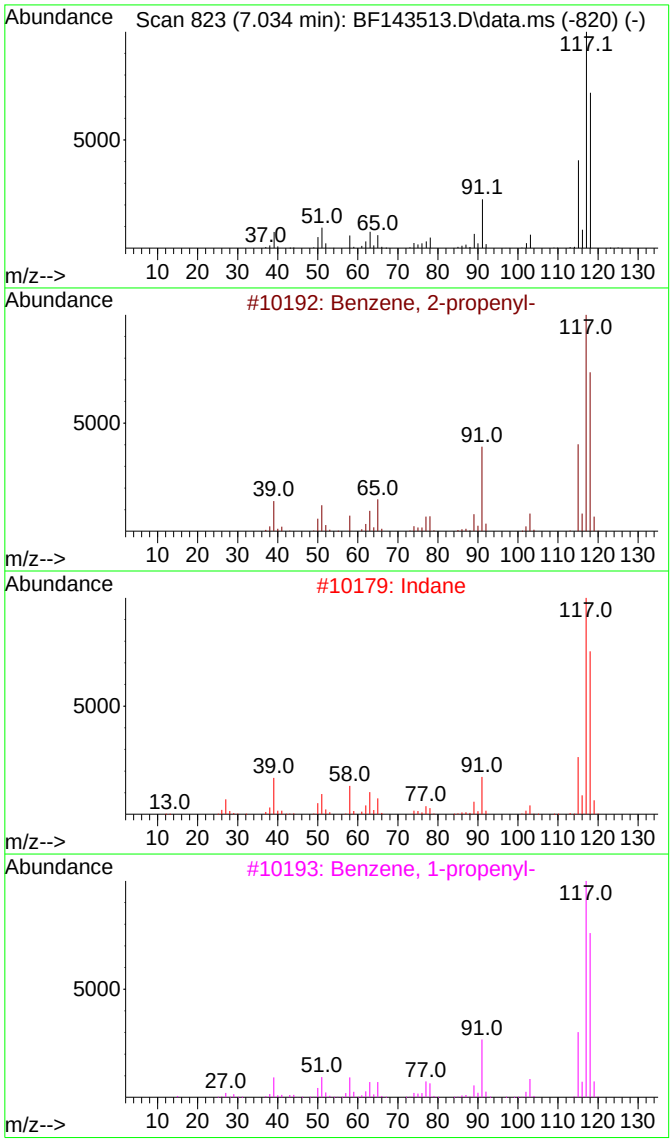
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

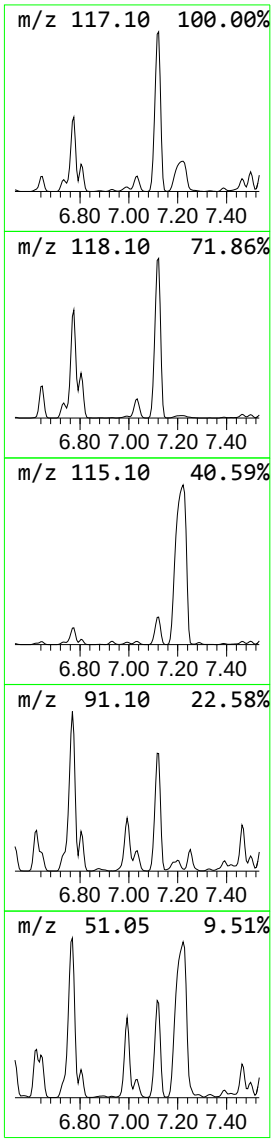
****

Peak Number 12 Benzene, 2-propenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.034	23.73 ng	723814	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

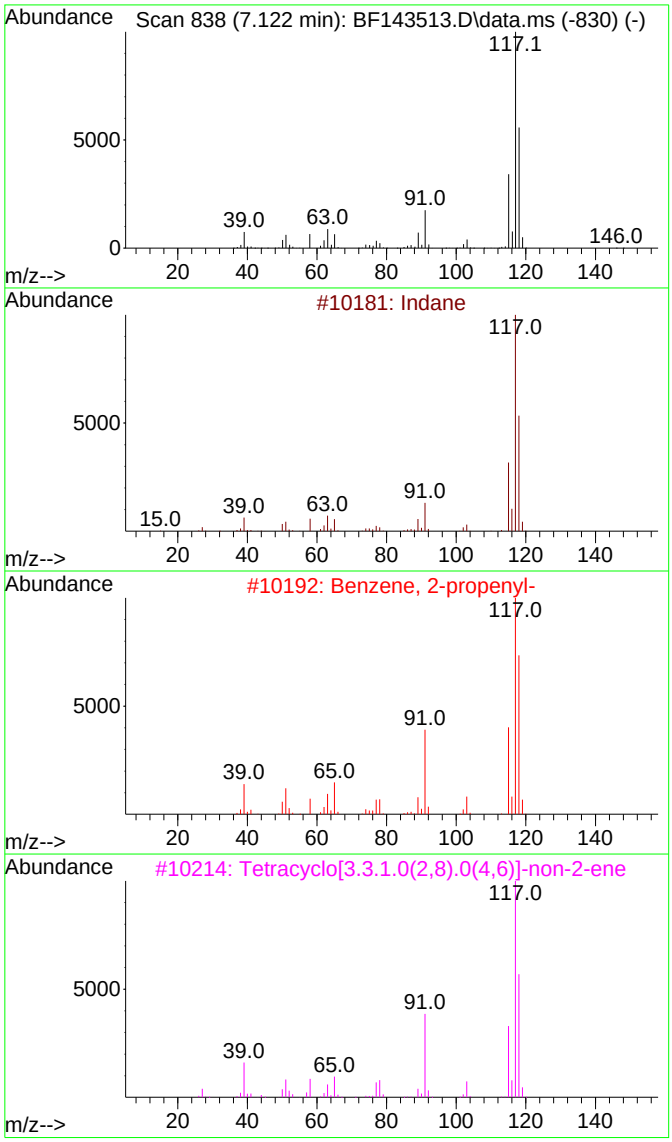
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

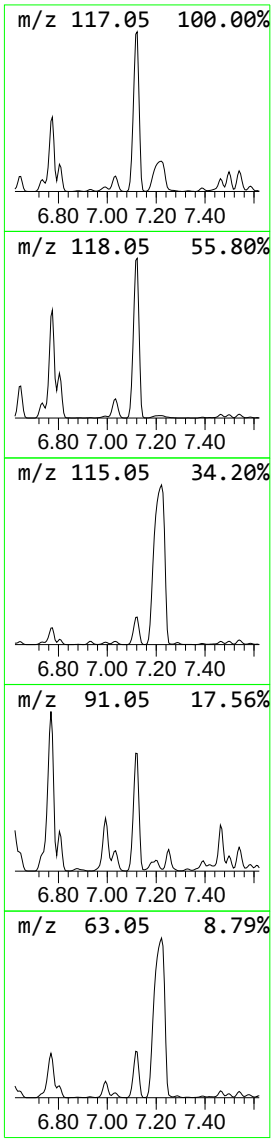
****

Peak Number 13 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.122	217.32 ng	6629600	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64





Sample Results: **BF143513.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

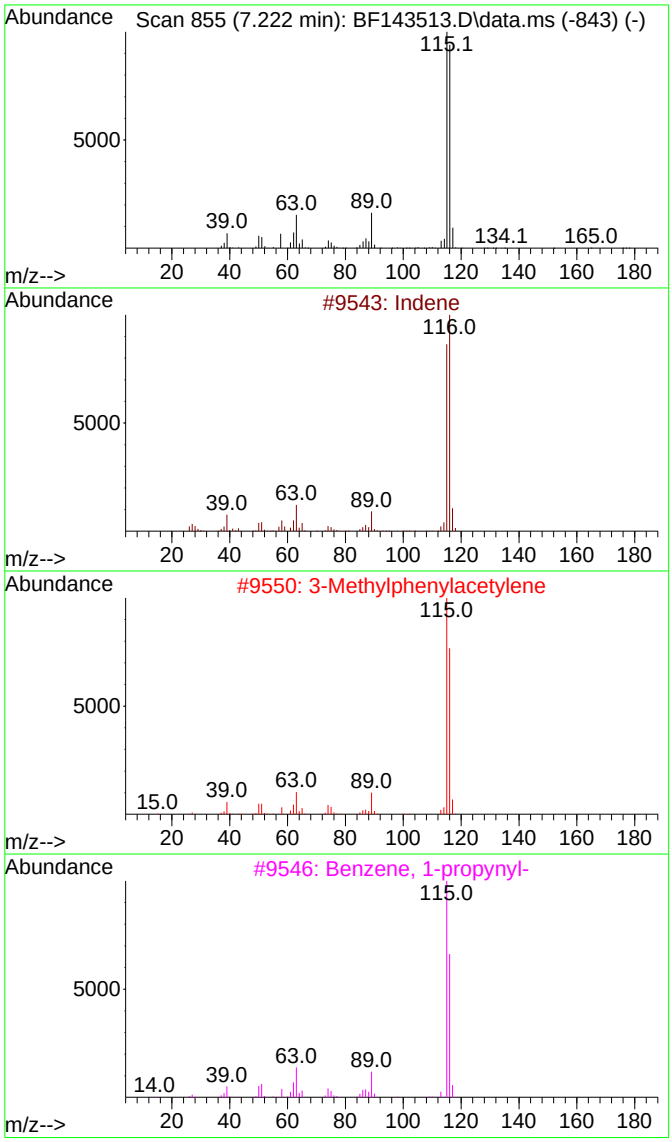
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

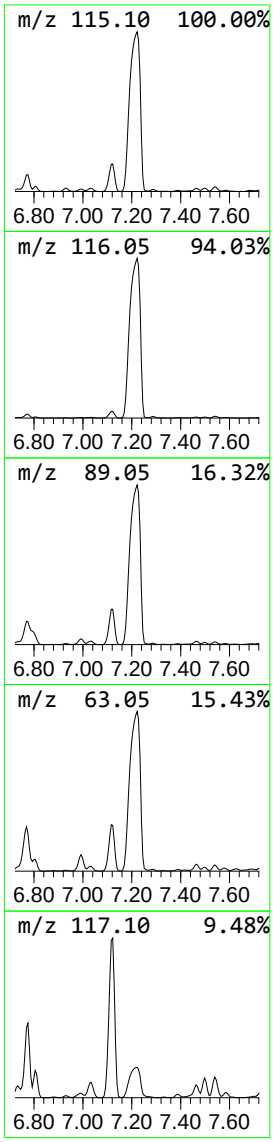
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.222	843.08 ng	25719700	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

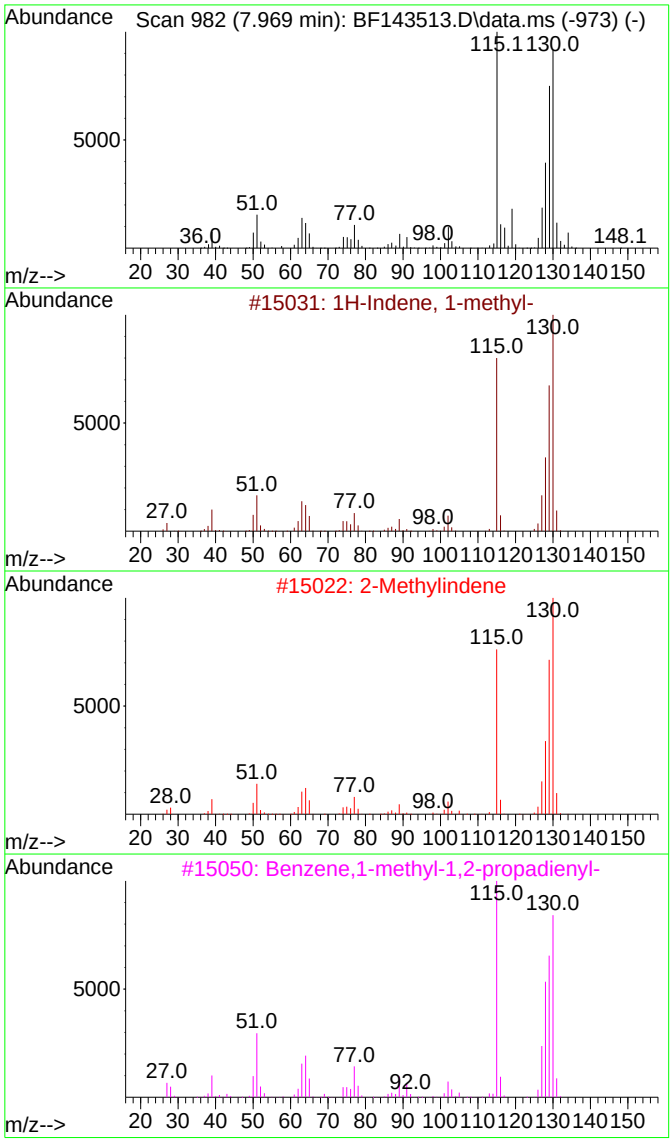
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

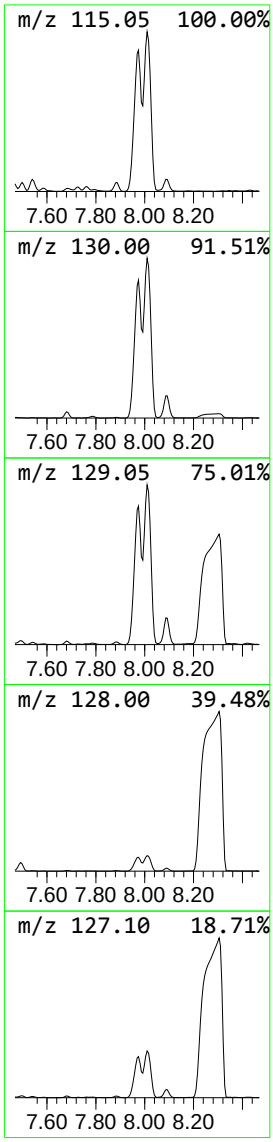
****

Peak Number 15 1H-Indene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.969	4.00 ng	10925500	Naphthalene-d8	8.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

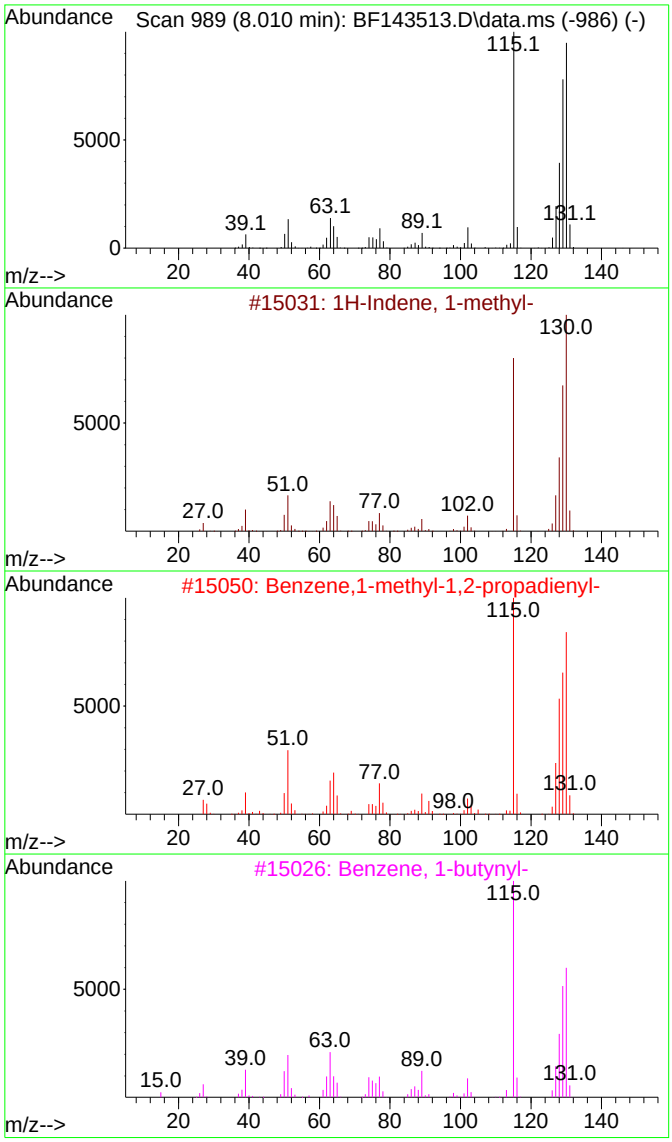
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

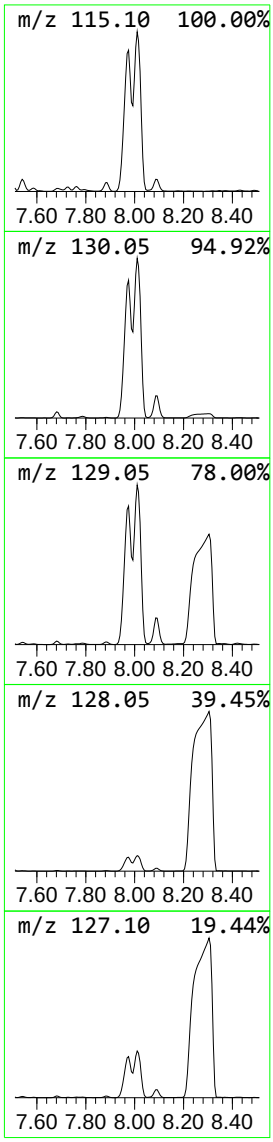
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene,1-methyl-1,2-propad... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.010	3.28 ng	8950470	Naphthalene-d8	8.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
4	2-Methylindene	130	C10H10	002177-47-1	93
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





Sample Results: **BF143513.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

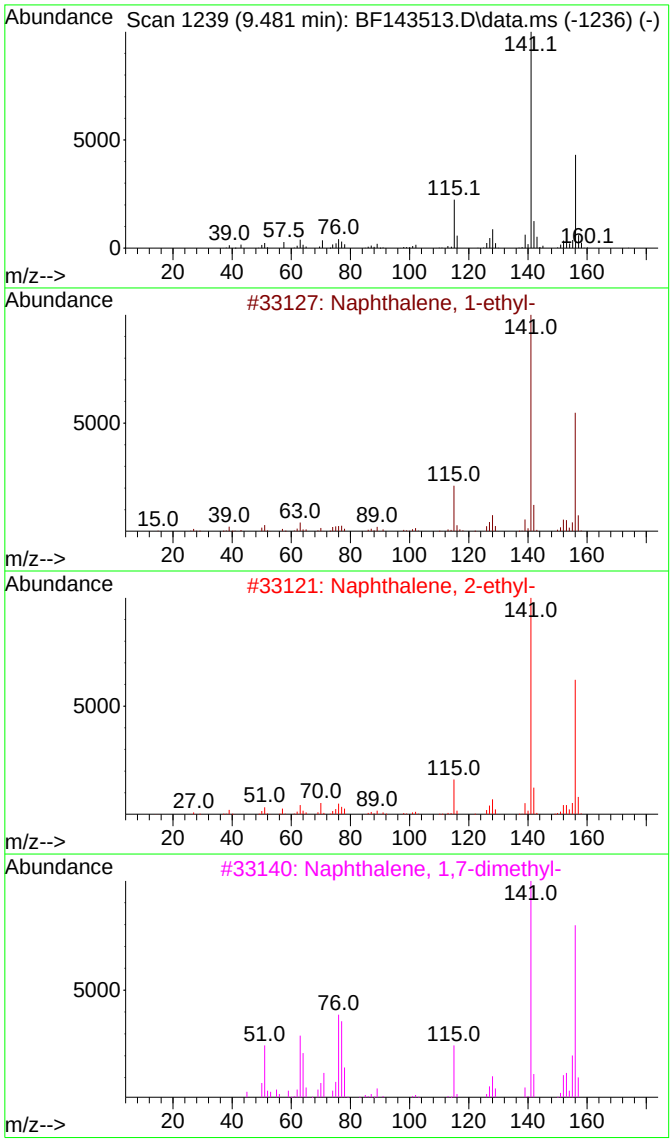
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

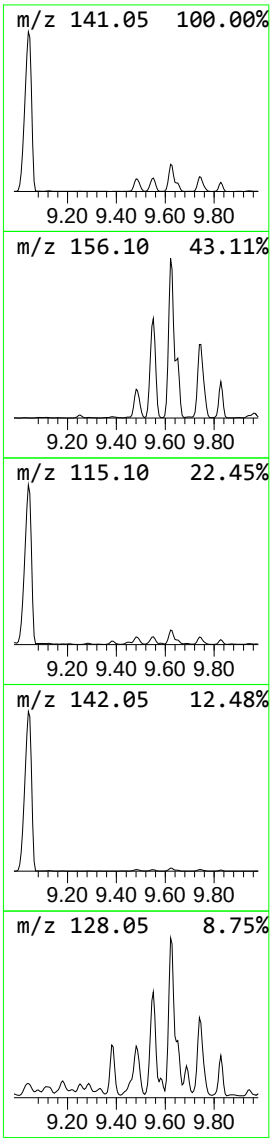
****

Peak Number 17 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.481	11.84 ng	804653	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
5	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59





Sample Results: **BF143513.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On    : 21 Aug 2025  05:18
Operator  : RC/JU
Sample    : Q2900-05
Misc      :
ALS Vial  : 37   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

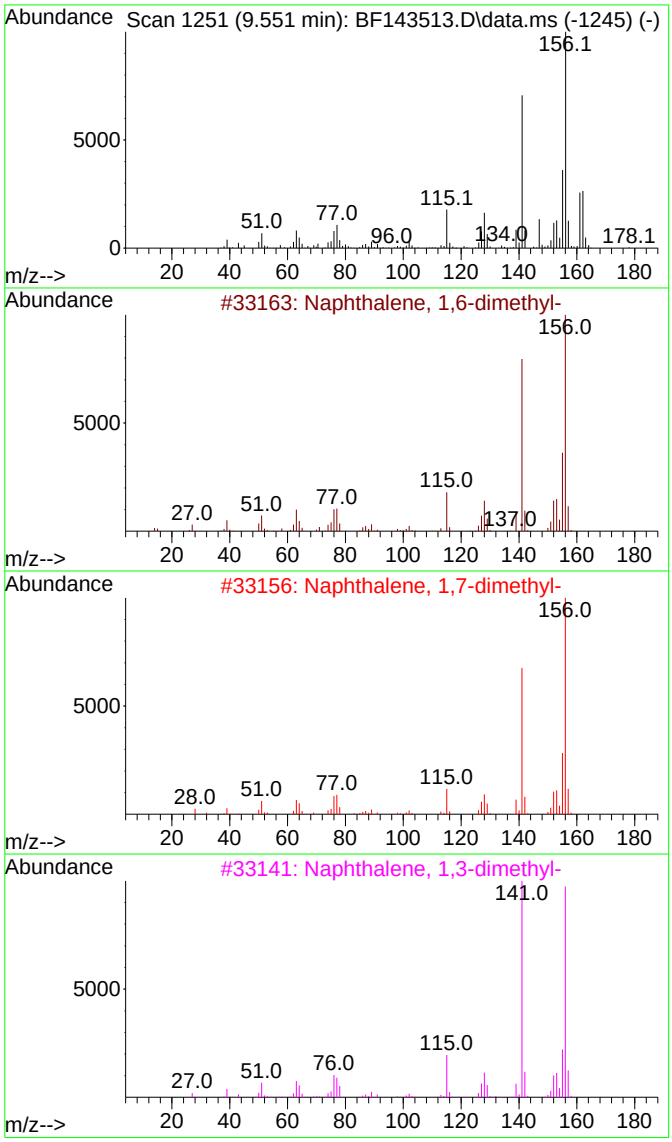
Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

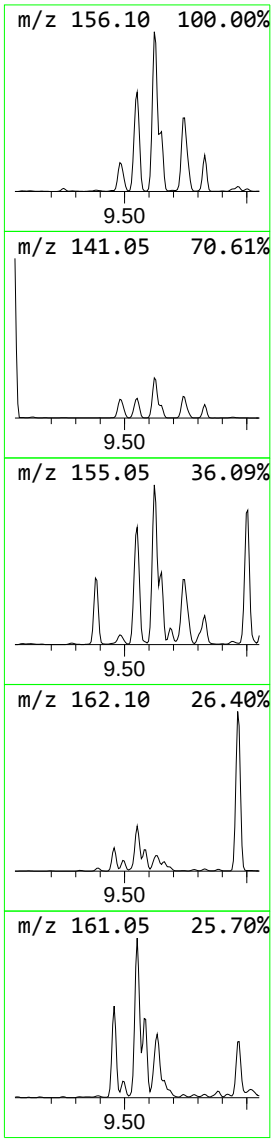
****

Peak Number 18 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	24.63 ng	1674110	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

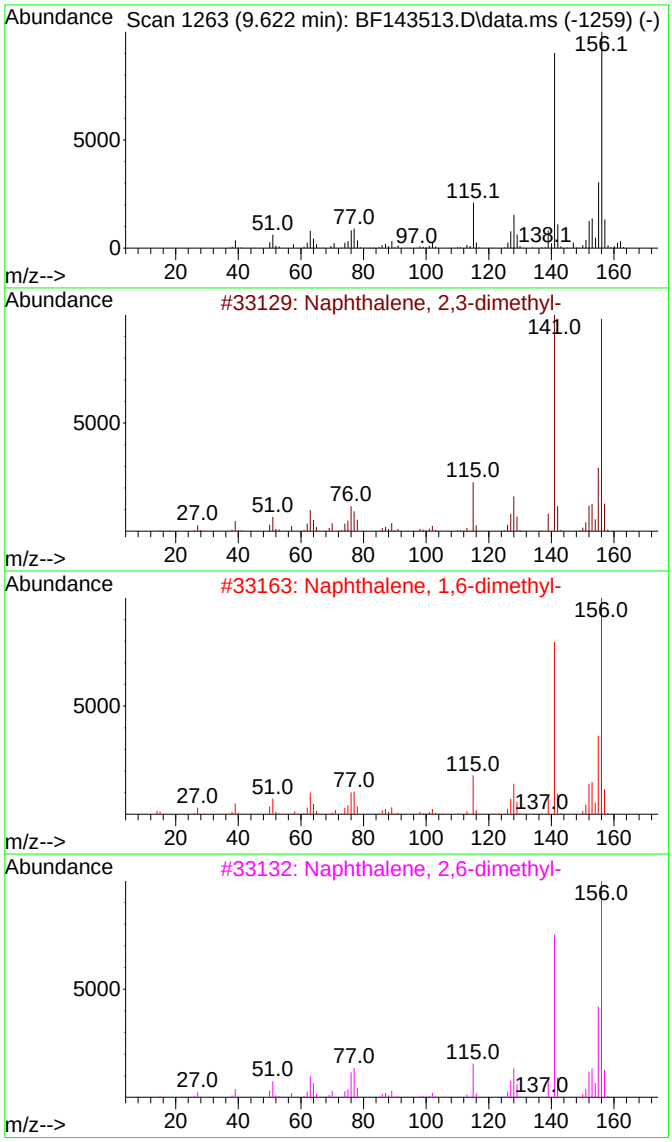
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

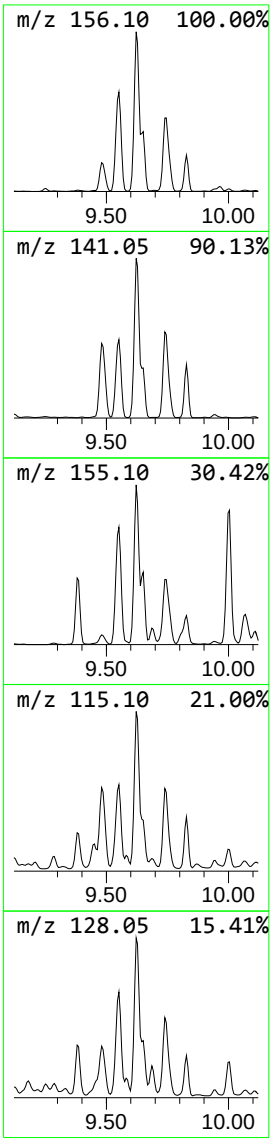
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	34.55 ng	2348100	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Sample Results: **BF143513.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

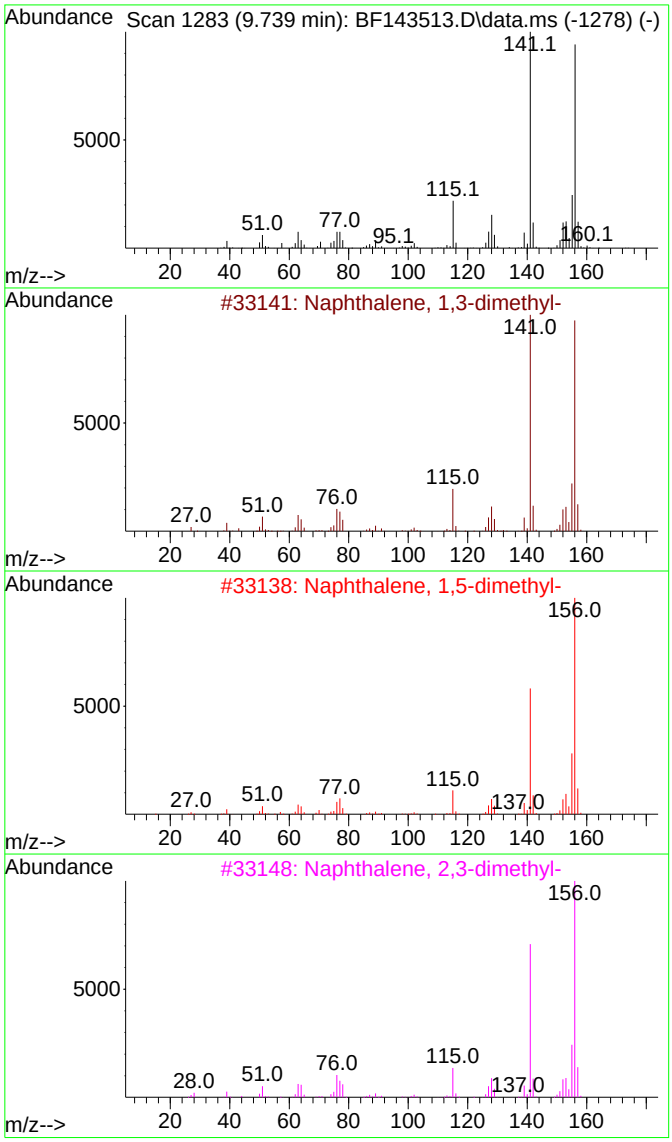
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

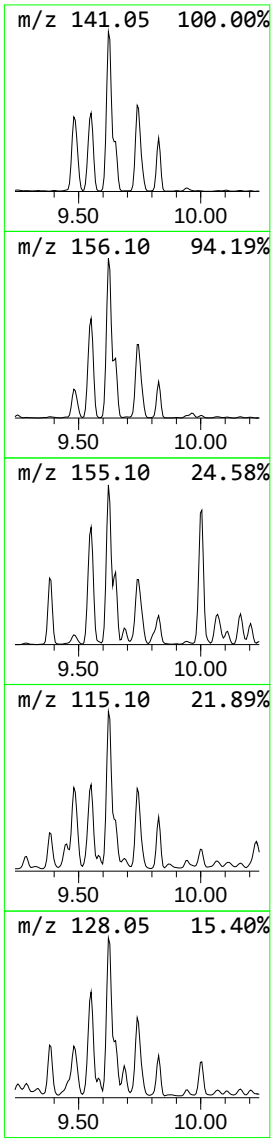
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.739	16.99 ng	1154330	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Sample Results: **BF143513.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143513.D
Acq On : 21 Aug 2025 05:18
Operator : RC/JU
Sample : Q2900-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.263	126.4	ng	3855390	1	6.934	610136	20.0
1,3,5-Cyclohept...	4.081	375.8	ng	11464200	1	6.934	610136	20.0
1,3-Cyclopentad...	5.446	344.4	ng	10507700	1	6.934	610136	20.0
Benzene, 1,3-di...	5.804	452.9	ng	13815400	1	6.934	610136	20.0
Benzene, (1-met...	6.104	37.7	ng	1148960	1	6.934	610136	20.0
Benzene, 1-ethy...	6.457	28.1	ng	857096	1	6.934	610136	20.0
Benzene, 1-ethy...	6.493	90.9	ng	2773430	1	6.934	610136	20.0
Tetracyclo[3.3....	6.804	36.0	ng	1097890	1	6.934	610136	20.0
Benzene, 1,2,3-...	6.993	125.6	ng	3831240	1	6.934	610136	20.0
Benzene, 2-prop...	7.034	23.7	ng	723814	1	6.934	610136	20.0
Indane	7.122	217.3	ng	6629600	1	6.934	610136	20.0
Indene	7.222	843.1	ng	25719700	1	6.934	610136	20.0
1H-Indene, 1-me...	7.969	4.0	ng	10925500	2	8.228	54620100	20.0
Benzene,1-methy...	8.010	3.3	ng	8950470	2	8.228	54620100	20.0
Naphthalene, 1-...	9.481	11.8	ng	804653	3	9.963	1359170	20.0
Naphthalene, 1,...	9.551	24.6	ng	1674110	3	9.963	1359170	20.0
Naphthalene, 2,...	9.622	34.5	ng	2348100	3	9.963	1359170	20.0
Naphthalene, 1,...	9.739	17.0	ng	1154330	3	9.963	1359170	20.0

Raw Data: **BF143524.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-11C-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-05DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143524.D	20	08/19/25 09:29	08/21/25 12:17	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	210	UD	82.3	210	ug/L
108-95-2	Phenol	110	UD	19.2	110	ug/L
111-44-4	bis(2-Chloroethyl)ether	110	UD	17.1	110	ug/L
95-57-8	2-Chlorophenol	110	UD	12.2	110	ug/L
95-48-7	2-Methylphenol	110	UD	23.6	110	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	110	UD	26.9	110	ug/L
98-86-2	Acetophenone	110	UD	15.6	110	ug/L
65794-96-9	3+4-Methylphenols	210	UD	23.2	210	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.6	UD	29.7	52.6	ug/L
67-72-1	Hexachloroethane	110	UD	13.7	110	ug/L
98-95-3	Nitrobenzene	110	UD	16.0	110	ug/L
78-59-1	Isophorone	110	UD	15.8	110	ug/L
88-75-5	2-Nitrophenol	110	UD	37.1	110	ug/L
105-67-9	2,4-Dimethylphenol	110	UD	38.9	110	ug/L
111-91-1	bis(2-Chloroethoxy)methane	110	UD	14.3	110	ug/L
120-83-2	2,4-Dichlorophenol	110	UD	10.9	110	ug/L
91-20-3	Naphthalene	2800	ED	10.5	110	ug/L
106-47-8	4-Chloroaniline	110	UD	17.7	110	ug/L
87-68-3	Hexachlorobutadiene	110	UD	11.4	110	ug/L
105-60-2	Caprolactam	210	UD	23.8	210	ug/L
59-50-7	4-Chloro-3-methylphenol	110	UD	12.4	110	ug/L
91-57-6	2-Methylnaphthalene	76.6	JD	11.8	110	ug/L
77-47-4	Hexachlorocyclopentadiene	210	UD	76.4	210	ug/L
88-06-2	2,4,6-Trichlorophenol	110	UD	10.7	110	ug/L
95-95-4	2,4,5-Trichlorophenol	110	UD	13.1	110	ug/L
92-52-4	1,1-Biphenyl	110	UD	11.2	110	ug/L
91-58-7	2-Chloronaphthalene	110	UD	12.8	110	ug/L
88-74-4	2-Nitroaniline	110	UD	26.5	110	ug/L
131-11-3	Dimethylphthalate	110	UD	12.8	110	ug/L

Raw Data: **BF143524.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-11C-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-05DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143524.D	20	08/19/25 09:29	08/21/25 12:17	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	120	D	15.8	110	ug/L
606-20-2	2,6-Dinitrotoluene	110	UD	19.4	110	ug/L
99-09-2	3-Nitroaniline	110	UD	22.1	110	ug/L
83-32-9	Acenaphthene	72.4	JD	11.6	110	ug/L
51-28-5	2,4-Dinitrophenol	210	UD	130	210	ug/L
100-02-7	4-Nitrophenol	210	UD	50.1	210	ug/L
132-64-9	Dibenzofuran	110	UD	12.8	110	ug/L
121-14-2	2,4-Dinitrotoluene	110	UD	25.7	110	ug/L
84-66-2	Diethylphthalate	110	UD	14.5	110	ug/L
7005-72-3	4-Chlorophenyl-phenylether	110	UD	14.3	110	ug/L
86-73-7	Fluorene	110	UD	13.3	110	ug/L
100-01-6	4-Nitroaniline	110	UD	31.6	110	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	210	UD	60.6	210	ug/L
86-30-6	n-Nitrosodiphenylamine	110	UD	12.2	110	ug/L
101-55-3	4-Bromophenyl-phenylether	110	UD	8.40	110	ug/L
118-74-1	Hexachlorobenzene	110	UD	10.9	110	ug/L
1912-24-9	Atrazine	110	UD	21.3	110	ug/L
87-86-5	Pentachlorophenol	210	UD	33.3	210	ug/L
85-01-8	Phenanthrene	110	UD	10.5	110	ug/L
120-12-7	Anthracene	110	UD	12.8	110	ug/L
86-74-8	Carbazole	110	UD	15.2	110	ug/L
84-74-2	Di-n-butylphthalate	110	UD	25.7	110	ug/L
206-44-0	Fluoranthene	110	UD	17.3	110	ug/L
129-00-0	Pyrene	110	UD	10.5	110	ug/L
85-68-7	Butylbenzylphthalate	110	UDQ	40.6	110	ug/L
91-94-1	3,3-Dichlorobenzidine	210	UDQ	19.6	210	ug/L
56-55-3	Benzo(a)anthracene	110	UD	9.50	110	ug/L
218-01-9	Chrysene	110	UD	9.30	110	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	110	UD	33.7	110	ug/L
117-84-0	Di-n-octyl phthalate	210	UD	49.3	210	ug/L
205-99-2	Benzo(b)fluoranthene	110	UD	10.3	110	ug/L

Raw Data: **BF143524.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-11C-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-05DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143524.D	20	08/19/25 09:29	08/21/25 12:17	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	110	UD	10.1	110	ug/L
50-32-8	Benzo(a)pyrene	110	UD	11.6	110	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	110	UD	12.4	110	ug/L
53-70-3	Dibenzo(a,h)anthracene	110	UD	14.1	110	ug/L
191-24-2	Benzo(g,h,i)perylene	110	UD	14.5	110	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	110	UD	10.9	110	ug/L
123-91-1	1,4-Dioxane	110	UD	21.1	110	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	110	UD	15.2	110	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	39.7		23 - 138	26%	SPK: 150
13127-88-3	Phenol-d6	27.6		10 - 134	18%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.7		67 - 132	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.6		52 - 132	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	77.6		44 - 137	52%	SPK: 150
1718-51-0	Terphenyl-d14	67.2		42 - 152	67%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	113000	6.922			
1146-65-2	Naphthalene-d8	431000	8.21			
15067-26-2	Acenaphthene-d10	238000	9.963			
1517-22-2	Phenanthrene-d10	357000	11.451			
1719-03-5	Chrysene-d12	226000	14.092			
1520-96-3	Perylene-d12	263000	15.592			

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\BF082125\
Data File : BF143524.D
Acq On : 21 Aug 2025 12:17
Operator : RC/JU
Sample : Q2900-05DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL

Quant Time: Aug 21 12:51:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

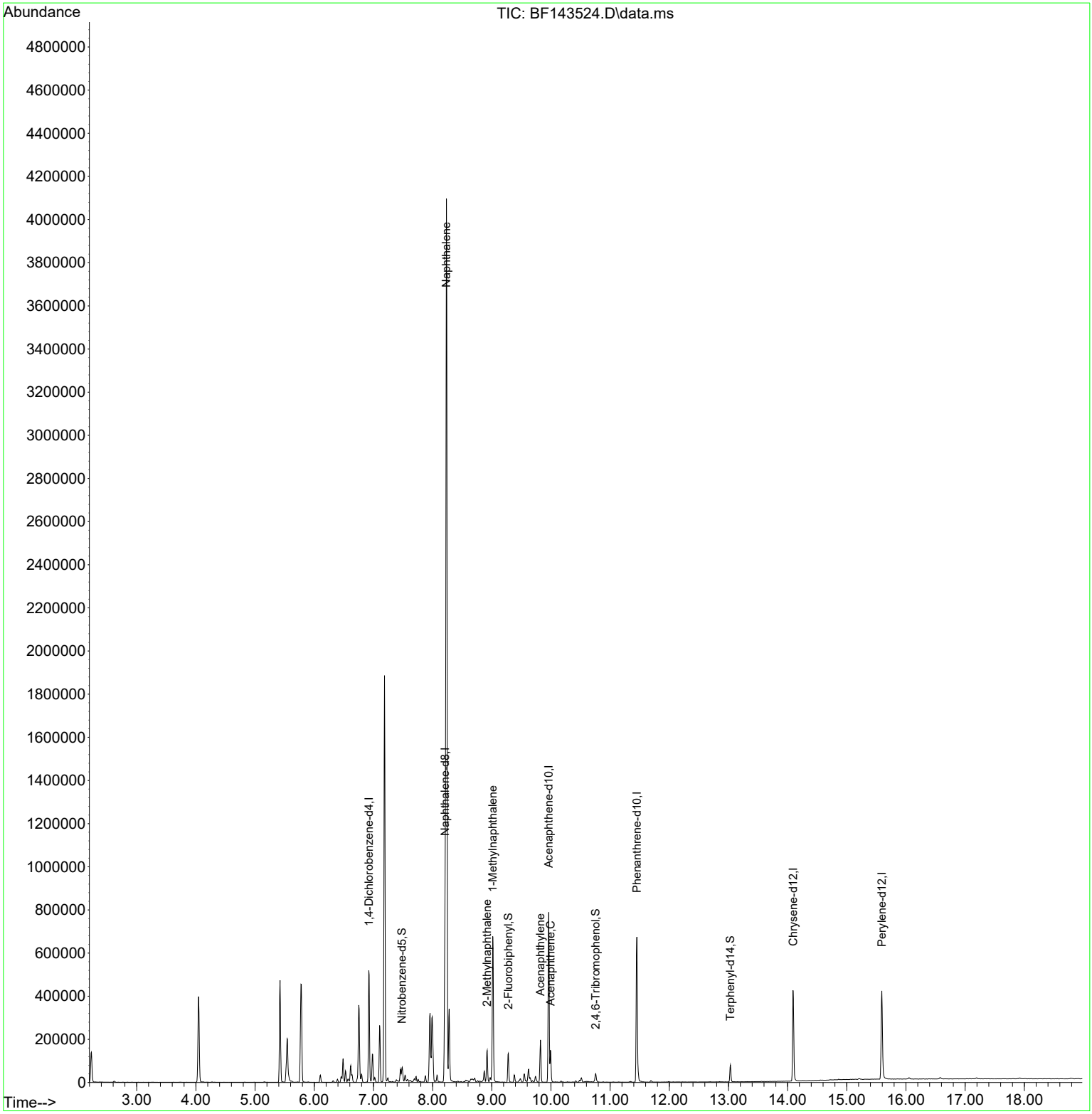
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	113395	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	431449	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	238091	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	357150	20.000	ng	0.00
76) Chrysene-d12	14.092	240	225989	20.000	ng	-0.01
86) Perylene-d12	15.592	264	263314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	12891	1.985	ng	0.00
7) Phenol-d6	6.569	99	11054	1.379	ng	0.00
23) Nitrobenzene-d5	7.481	82	27233	3.683	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	8603	3.882	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	63803	4.429	ng	0.00
79) Terphenyl-d14	13.033	244	43523	3.361	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.234	128	2768701	133.664	ng	98
37) 2-Methylnaphthalene	8.922	142	50324	3.638	ng	100
38) 1-Methylnaphthalene	9.016	142	250217	18.908	ng	99
49) Acenaphthylene	9.822	152	108313	5.705	ng	99
52) Acenaphthene	9.992	154	44344	3.440	ng	99

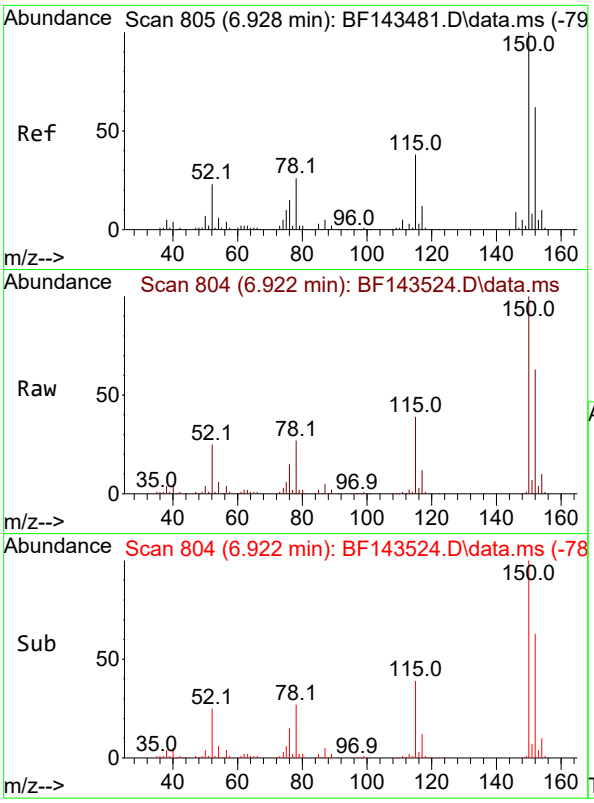
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143524.D
Acq On : 21 Aug 2025 12:17
Operator : RC/JU
Sample : Q2900-05DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL

Quant Time: Aug 21 12:51:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration



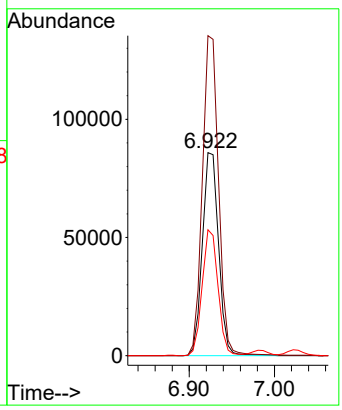


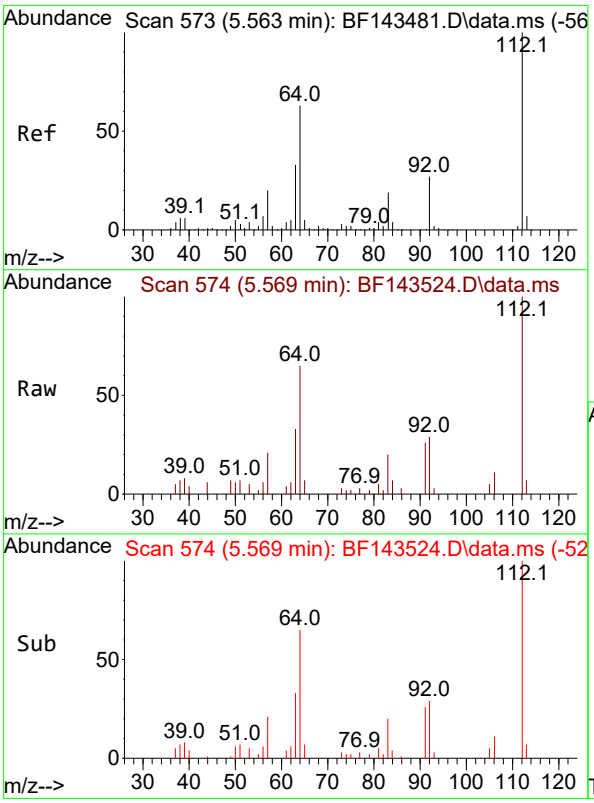
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL

Tgt Ion:152 Resp: 113395

Ion	Ratio	Lower	Upper
152	100		
150	157.6	128.9	193.3
115	62.0	49.2	73.8

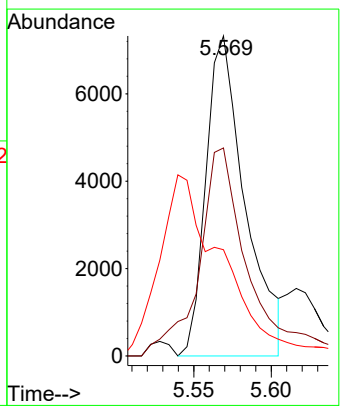


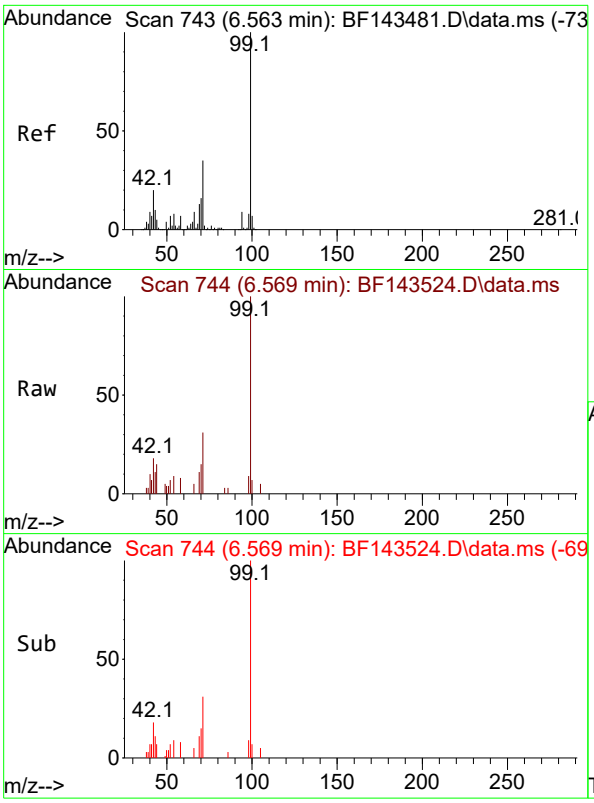


#5
2-Fluorophenol
Concen: 1.985 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Tgt Ion:112 Resp: 12891

Ion	Ratio	Lower	Upper
112	100		
64	65.0	50.4	75.6
63	33.2	26.4	39.6



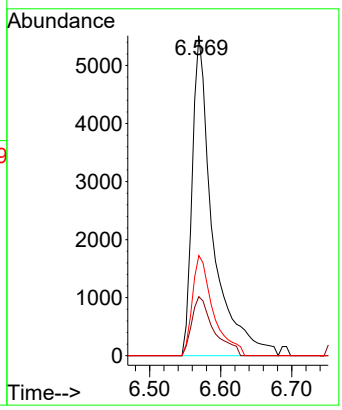


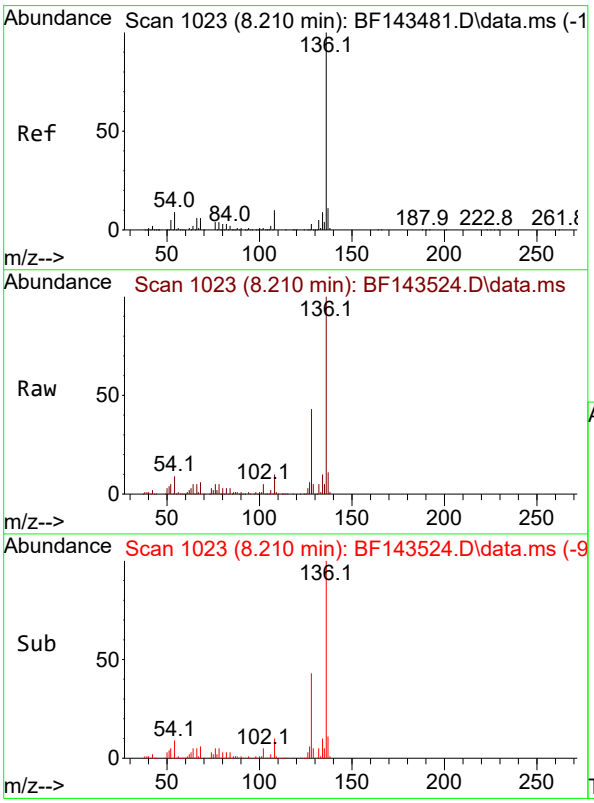
#7
Phenol-d6
Concen: 1.379 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL

Tgt Ion: 99 Resp: 11054

Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.3	24.5
71	31.3	28.2	42.2

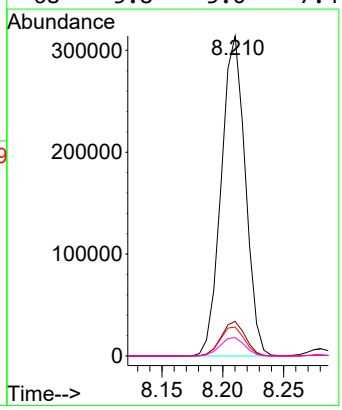


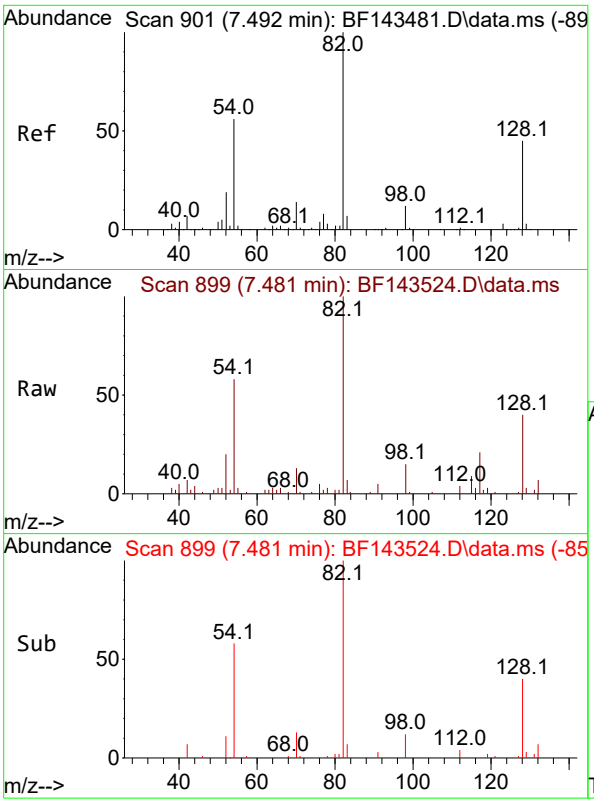


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Tgt Ion:136 Resp: 431449

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	9.1	7.4	11.2
68	5.8	5.0	7.4



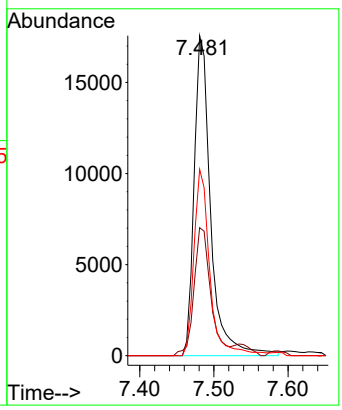


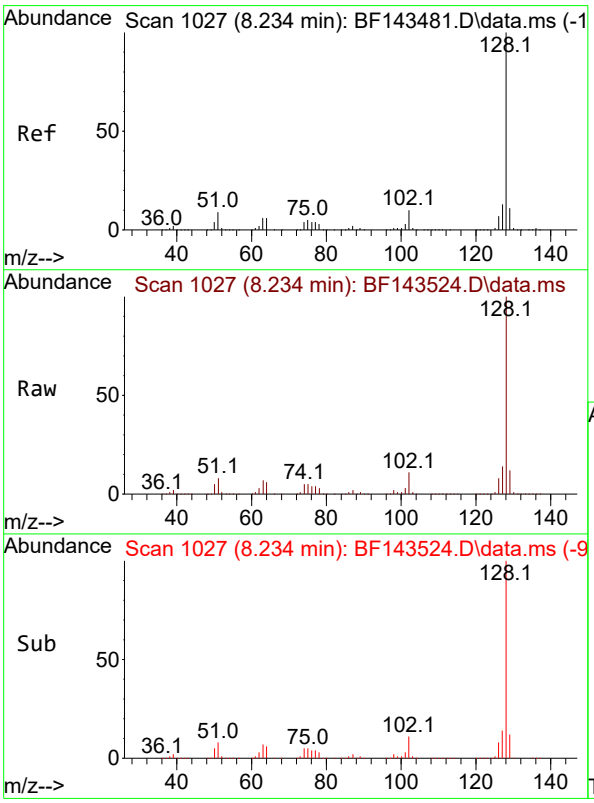
#23
Nitrobenzene-d5
Concen: 3.683 ng
RT: 7.481 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL

Tgt Ion: 82 Resp: 27233

Ion	Ratio	Lower	Upper
82	100		
128	40.0	35.5	53.3
54	58.2	44.3	66.5

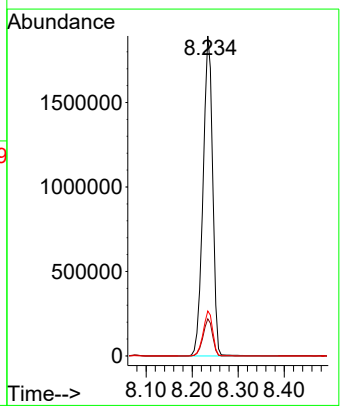


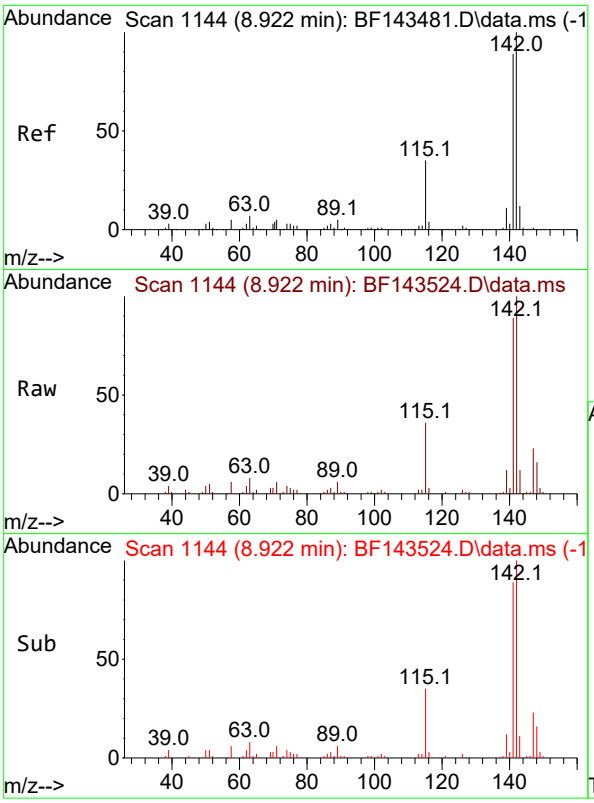


#31
Naphthalene
Concen: 133.664 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Tgt Ion:128 Resp: 2768701

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	14.1	10.6	16.0



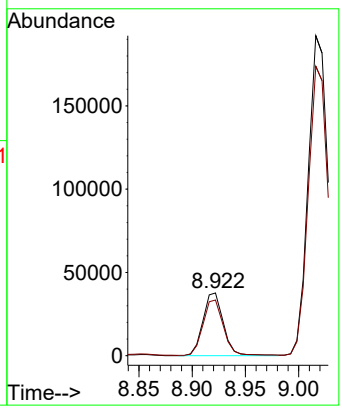


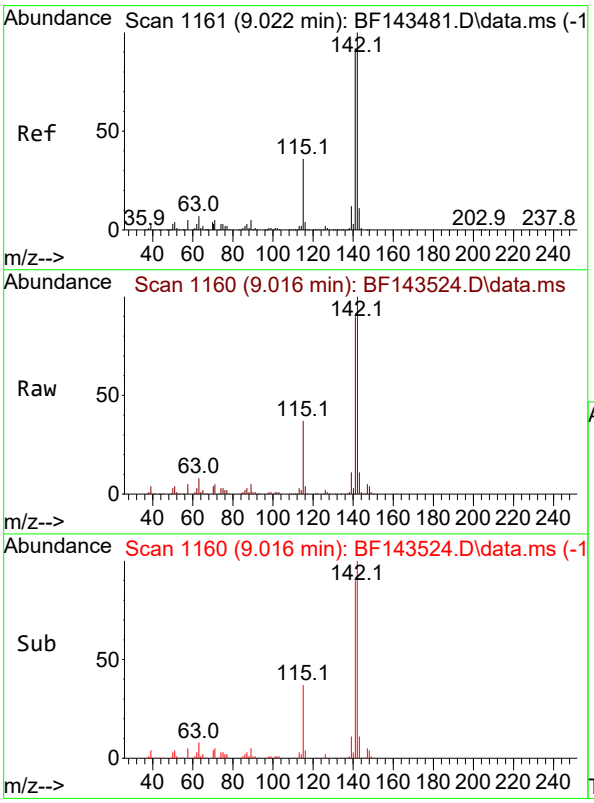
#37
2-Methylnaphthalene
Concen: 3.638 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL

Tgt Ion:142 Resp: 50324

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.4

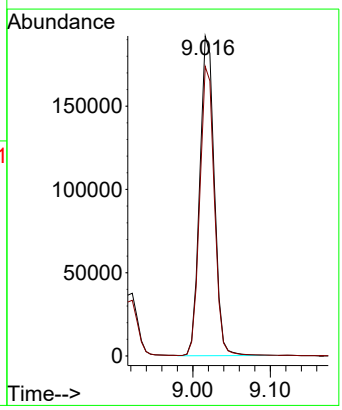


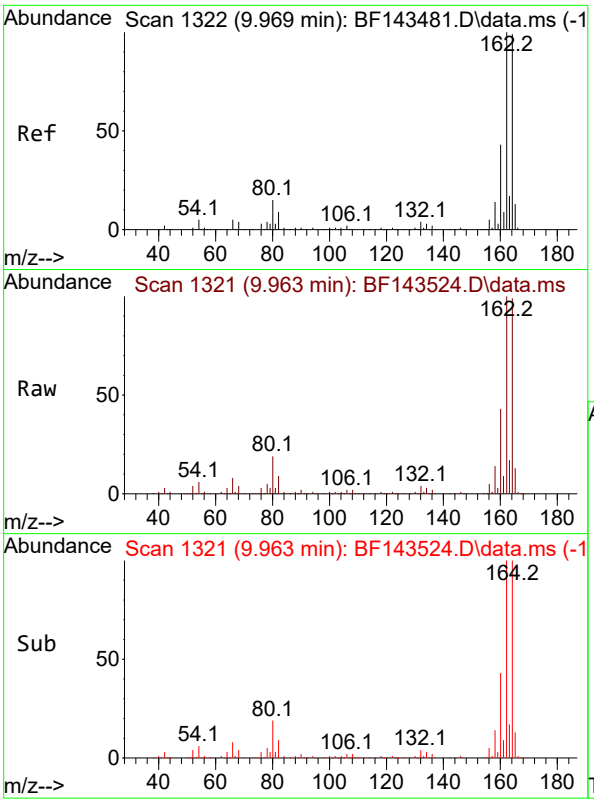


#38
1-Methylnaphthalene
Concen: 18.908 ng
RT: 9.016 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Tgt Ion:142 Resp: 250217

Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.3	109.9



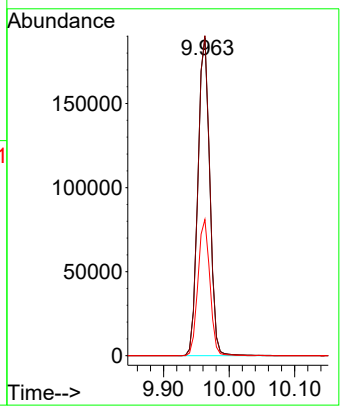


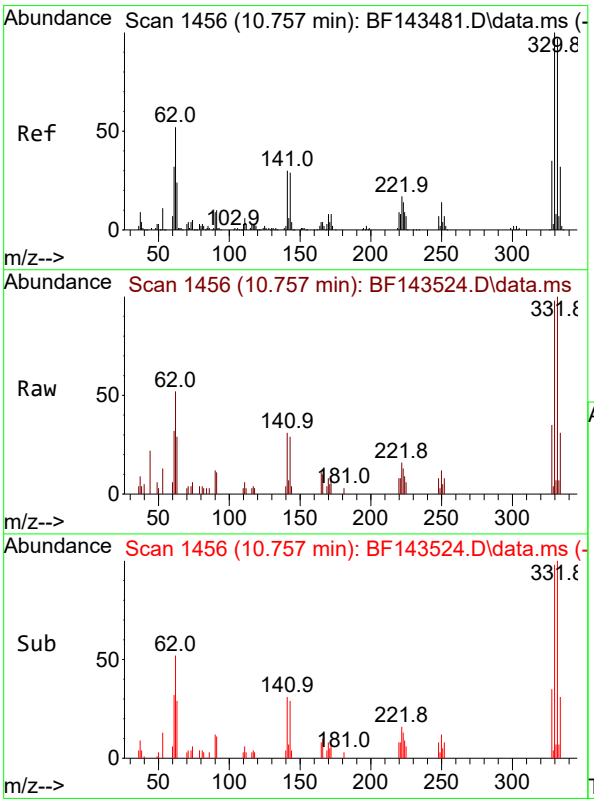
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL

Tgt Ion:164 Resp: 238091

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.5	120.7
160	42.8	34.3	51.5

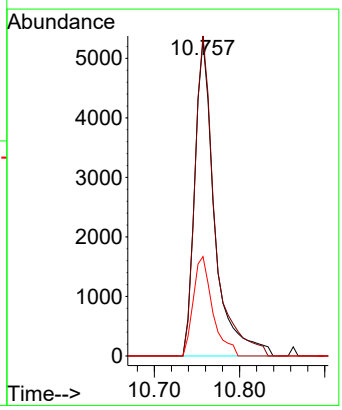


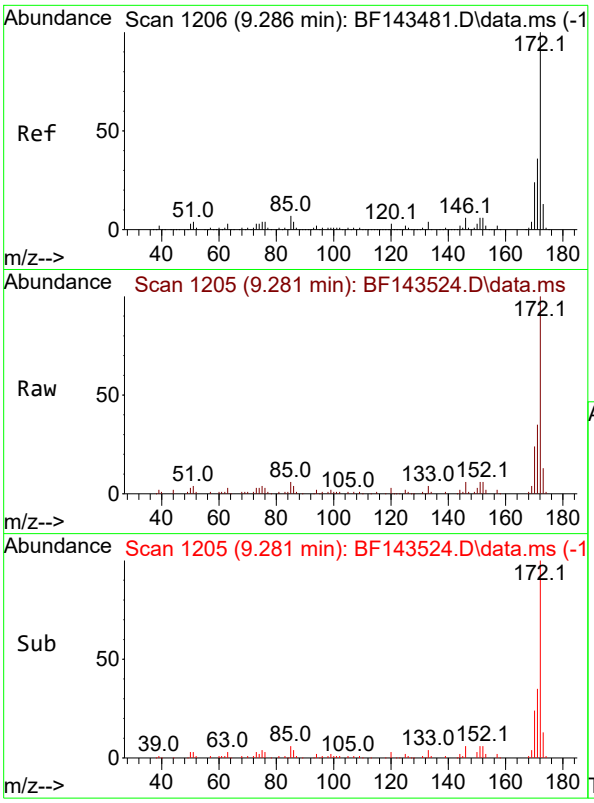


#42
2,4,6-Tribromophenol
Concen: 3.882 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Tgt Ion:330 Resp: 8603

Ion	Ratio	Lower	Upper
330	100		
332	100.6	78.0	117.0
141	30.5	23.7	35.5



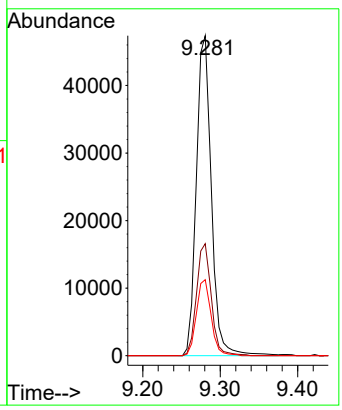


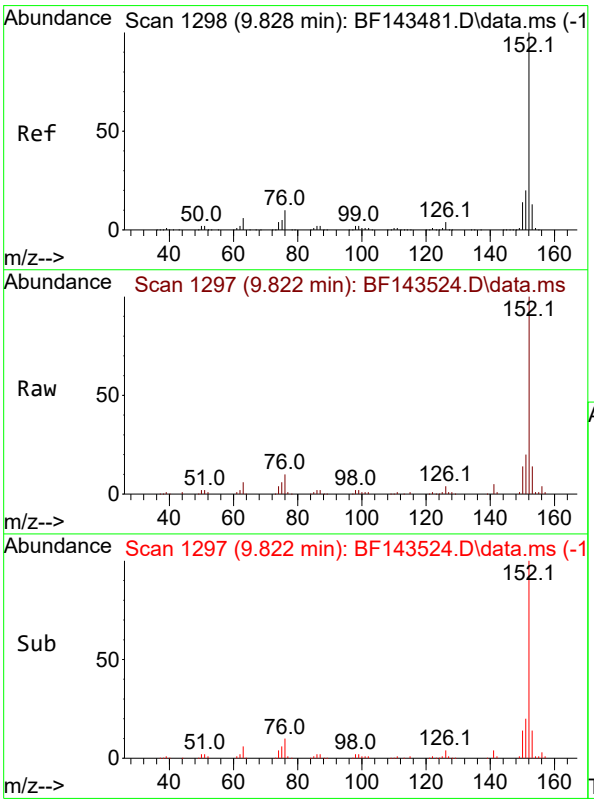
#45
2-Fluorobiphenyl
Concen: 4.429 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL

Tgt Ion:172 Resp: 63803

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.8	43.2
170	23.7	18.8	28.2

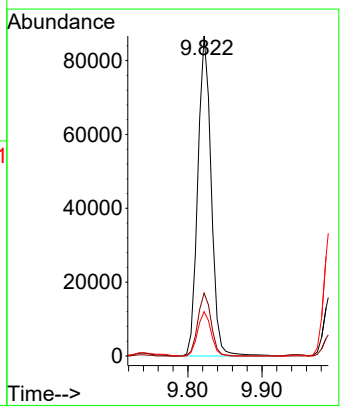


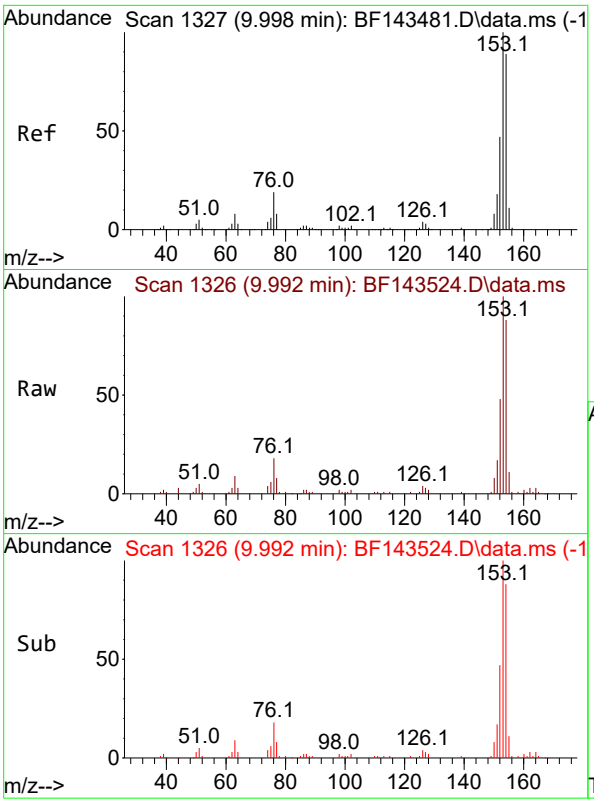


#49
Acenaphthylene
Concen: 5.705 ng
RT: 9.822 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Tgt Ion:152 Resp: 108313

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.9	10.6	15.8



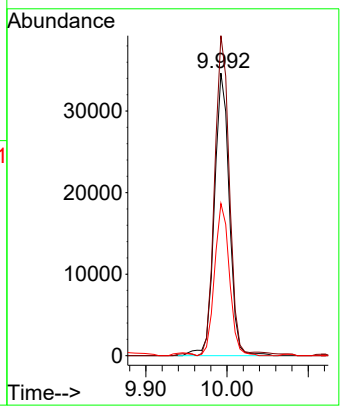


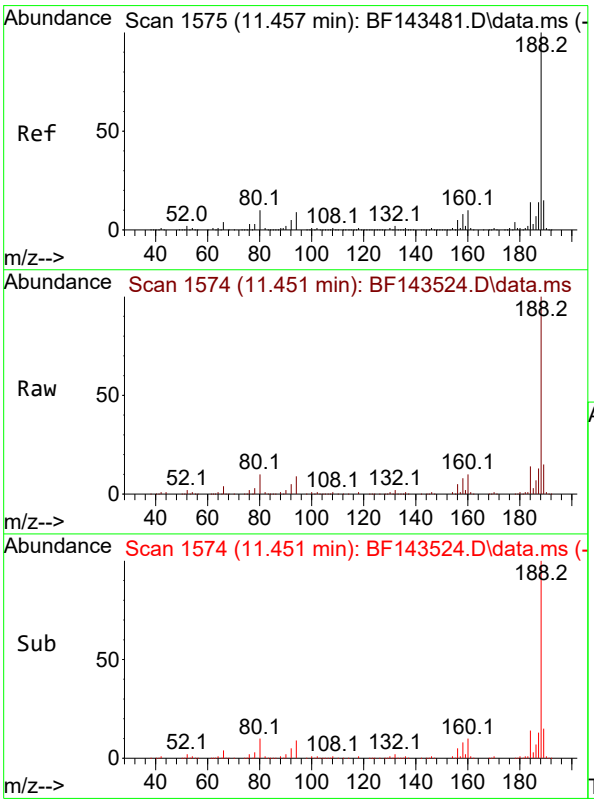
#52
Acenaphthene
Concen: 3.440 ng
RT: 9.992 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL

Tgt Ion:154 Resp: 44344

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.5	134.3
152	53.9	42.5	63.7

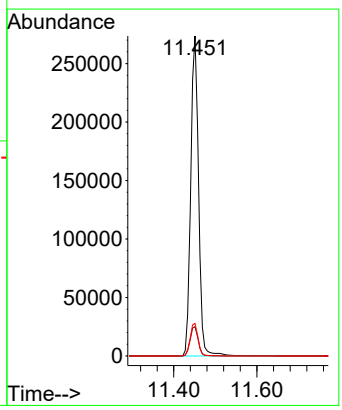


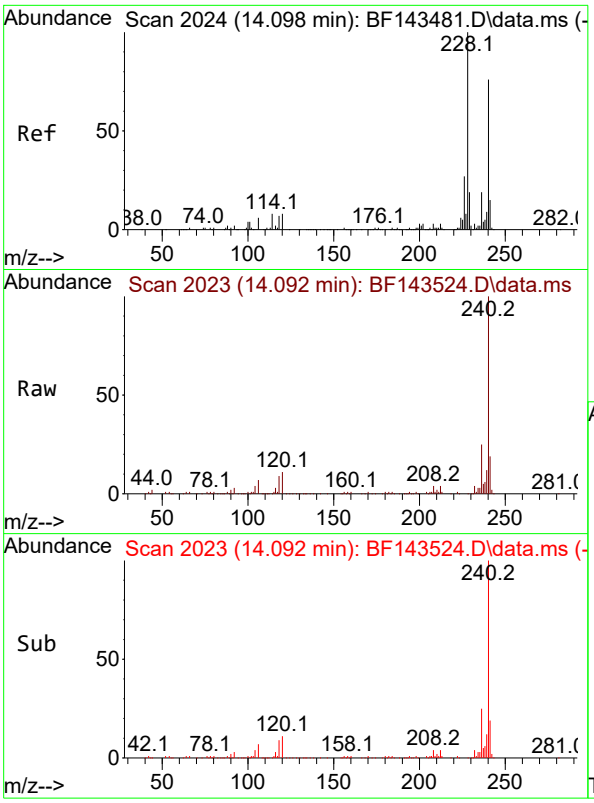


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Tgt Ion:188 Resp: 357150

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	10.1	8.2	12.4



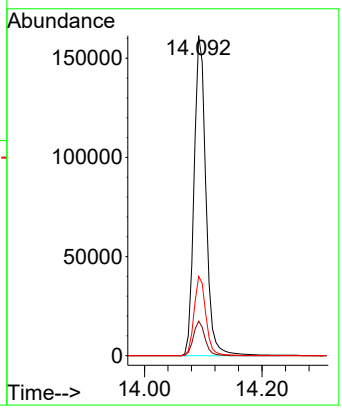


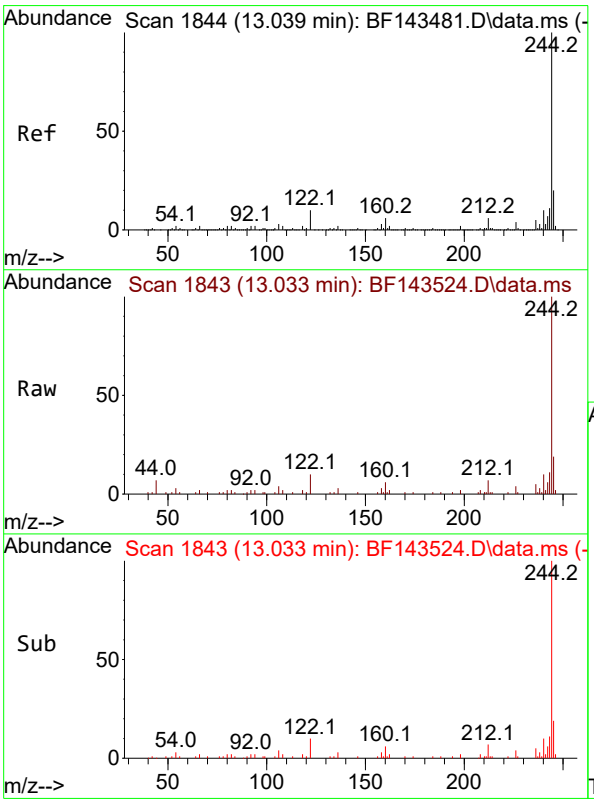
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL

Tgt Ion:240 Resp: 225989

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.6	12.8
236	24.8	20.4	30.6

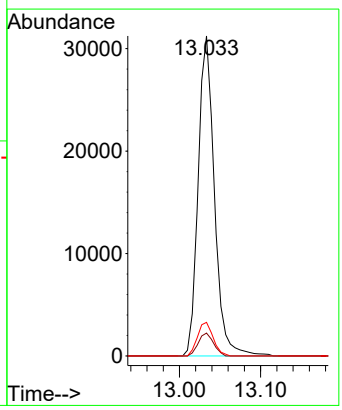


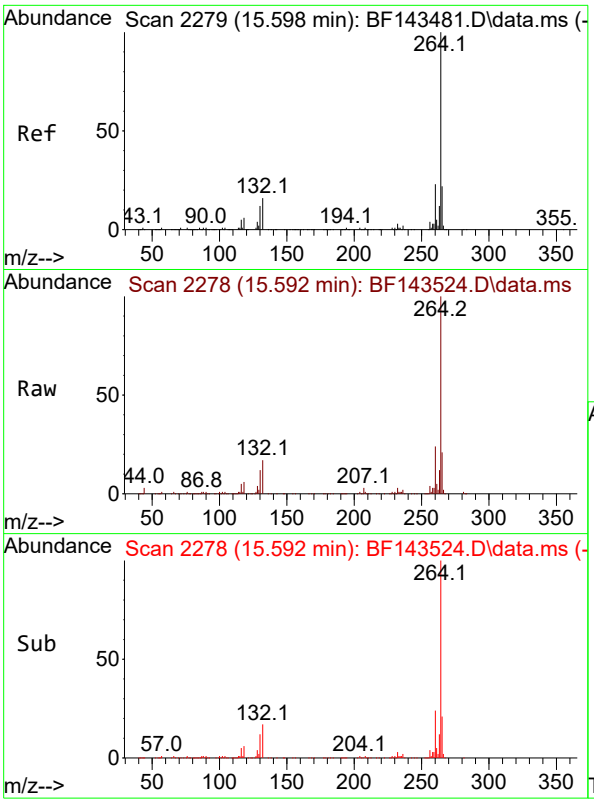


#79
Terphenyl-d14
Concen: 3.361 ng
RT: 13.033 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Tgt Ion:244 Resp: 43523

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.2	7.8
122	10.5	7.9	11.9



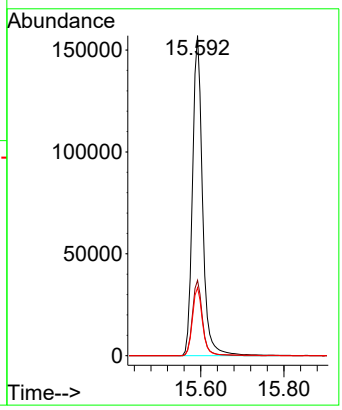


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL

Tgt Ion:264 Resp: 263314

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.2	17.6	26.4



Raw Data: **BF143529.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-11C-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-05DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143529.D	100	08/19/25 09:29	08/21/25 14:42	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	1100	UD	410	1100	ug/L
108-95-2	Phenol	530	UD	95.8	530	ug/L
111-44-4	bis(2-Chloroethyl)ether	530	UD	85.3	530	ug/L
95-57-8	2-Chlorophenol	530	UD	61.1	530	ug/L
95-48-7	2-Methylphenol	530	UD	120	530	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	530	UD	130	530	ug/L
98-86-2	Acetophenone	530	UD	77.9	530	ug/L
65794-96-9	3+4-Methylphenols	1100	UD	120	1100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	260	UD	150	260	ug/L
67-72-1	Hexachloroethane	530	UD	68.4	530	ug/L
98-95-3	Nitrobenzene	530	UD	80.0	530	ug/L
78-59-1	Isophorone	530	UD	78.9	530	ug/L
88-75-5	2-Nitrophenol	530	UD	190	530	ug/L
105-67-9	2,4-Dimethylphenol	530	UD	190	530	ug/L
111-91-1	bis(2-Chloroethoxy)methane	530	UD	71.6	530	ug/L
120-83-2	2,4-Dichlorophenol	530	UD	54.7	530	ug/L
91-20-3	Naphthalene	5300	D	52.6	530	ug/L
106-47-8	4-Chloroaniline	530	UD	88.4	530	ug/L
87-68-3	Hexachlorobutadiene	530	UD	56.8	530	ug/L
105-60-2	Caprolactam	1100	UD	120	1100	ug/L
59-50-7	4-Chloro-3-methylphenol	530	UD	62.1	530	ug/L
91-57-6	2-Methylnaphthalene	530	UD	58.9	530	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	UD	380	1100	ug/L
88-06-2	2,4,6-Trichlorophenol	530	UD	53.7	530	ug/L
95-95-4	2,4,5-Trichlorophenol	530	UD	65.3	530	ug/L
92-52-4	1,1-Biphenyl	530	UD	55.8	530	ug/L
91-58-7	2-Chloronaphthalene	530	UD	64.2	530	ug/L
88-74-4	2-Nitroaniline	530	UD	130	530	ug/L
131-11-3	Dimethylphthalate	530	UD	64.2	530	ug/L

Raw Data: **BF143529.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-11C-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-05DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143529.D	100	08/19/25 09:29	08/21/25 14:42	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	530	UD	78.9	530	ug/L
606-20-2	2,6-Dinitrotoluene	530	UD	96.8	530	ug/L
99-09-2	3-Nitroaniline	530	UD	110	530	ug/L
83-32-9	Acenaphthene	530	UD	57.9	530	ug/L
51-28-5	2,4-Dinitrophenol	1100	UD	630	1100	ug/L
100-02-7	4-Nitrophenol	1100	UD	250	1100	ug/L
132-64-9	Dibenzofuran	530	UD	64.2	530	ug/L
121-14-2	2,4-Dinitrotoluene	530	UD	130	530	ug/L
84-66-2	Diethylphthalate	530	UD	72.6	530	ug/L
7005-72-3	4-Chlorophenyl-phenylether	530	UD	71.6	530	ug/L
86-73-7	Fluorene	530	UD	66.3	530	ug/L
100-01-6	4-Nitroaniline	530	UD	160	530	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1100	UD	300	1100	ug/L
86-30-6	n-Nitrosodiphenylamine	530	UD	61.1	530	ug/L
101-55-3	4-Bromophenyl-phenylether	530	UD	42.1	530	ug/L
118-74-1	Hexachlorobenzene	530	UD	54.7	530	ug/L
1912-24-9	Atrazine	530	UD	110	530	ug/L
87-86-5	Pentachlorophenol	1100	UD	170	1100	ug/L
85-01-8	Phenanthrene	530	UD	52.6	530	ug/L
120-12-7	Anthracene	530	UD	64.2	530	ug/L
86-74-8	Carbazole	530	UD	75.8	530	ug/L
84-74-2	Di-n-butylphthalate	530	UD	130	530	ug/L
206-44-0	Fluoranthene	530	UD	86.3	530	ug/L
129-00-0	Pyrene	530	UD	52.6	530	ug/L
85-68-7	Butylbenzylphthalate	530	UDQ	200	530	ug/L
91-94-1	3,3-Dichlorobenzidine	1100	UDQ	97.9	1100	ug/L
56-55-3	Benzo(a)anthracene	530	UD	47.4	530	ug/L
218-01-9	Chrysene	530	UD	46.3	530	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	530	UD	170	530	ug/L
117-84-0	Di-n-octyl phthalate	1100	UD	250	1100	ug/L
205-99-2	Benzo(b)fluoranthene	530	UD	51.6	530	ug/L

Raw Data: **BF143529.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-11C-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-05DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143529.D	100	08/19/25 09:29	08/21/25 14:42	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	530	UD	50.5	530	ug/L
50-32-8	Benzo(a)pyrene	530	UD	57.9	530	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	530	UD	62.1	530	ug/L
53-70-3	Dibenzo(a,h)anthracene	530	UD	70.5	530	ug/L
191-24-2	Benzo(g,h,i)perylene	530	UD	72.6	530	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	530	UD	54.7	530	ug/L
123-91-1	1,4-Dioxane	530	UD	110	530	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	530	UD	75.8	530	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	54.0		23 - 138	36%	SPK: 150
13127-88-3	Phenol-d6	27.1		10 - 134	18%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.5		67 - 132	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	134	*	52 - 132	134%	SPK: 100
118-79-6	2,4,6-Tribromophenol	57.5	*	44 - 137	38%	SPK: 150
1718-51-0	Terphenyl-d14	88.8		42 - 152	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	101000	6.928			
1146-65-2	Naphthalene-d8	391000	8.204			
15067-26-2	Acenaphthene-d10	202000	9.963			
1517-22-2	Phenanthrene-d10	279000	11.451			
1719-03-5	Chrysene-d12	184000	14.092			
1520-96-3	Perylene-d12	231000	15.592			

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\BF082125\
Data File : BF143529.D
Acq On : 21 Aug 2025 14:42
Operator : RC/JU
Sample : Q2900-05DL2 100X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL2

Quant Time: Aug 21 15:23:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	101432	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	390858	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	202413	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	279024	20.000	ng	0.00
76) Chrysene-d12	14.092	240	183510	20.000	ng	-0.01
86) Perylene-d12	15.592	264	231339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	3138	0.540	ng	0.02
7) Phenol-d6	6.598	99	1944	0.271	ng	0.02
23) Nitrobenzene-d5	7.492	82	6059	0.905	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	1084	0.575	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	16397	1.339	ng	0.00
79) Terphenyl-d14	13.039	244	9335	0.888	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.228	128	940099	50.098	ng	99
38) 1-Methylnaphthalene	9.022	142	68359	5.702	ng	98

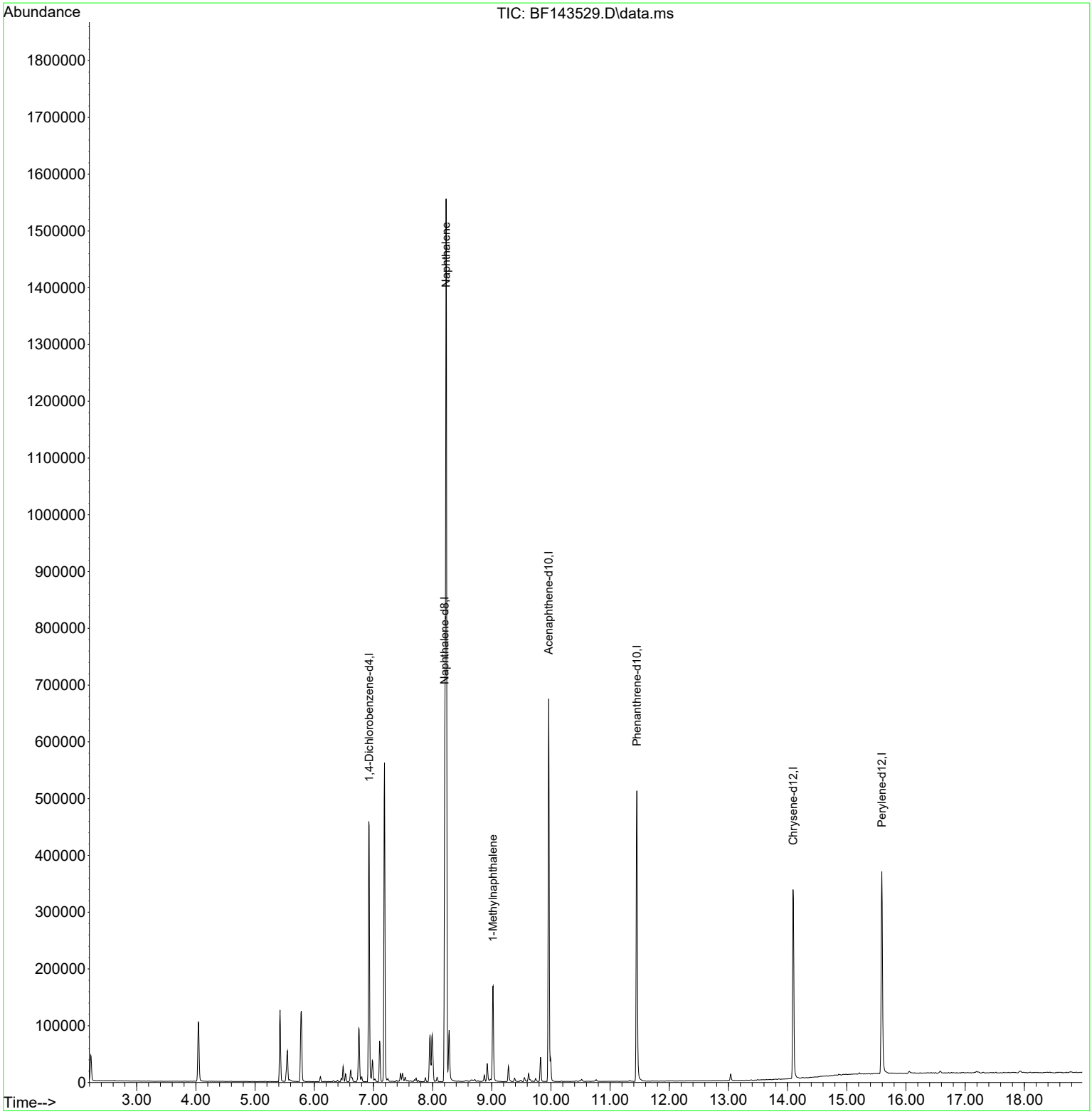
(#) = qualifier out of range (m) = manual integration (+) = signals summed

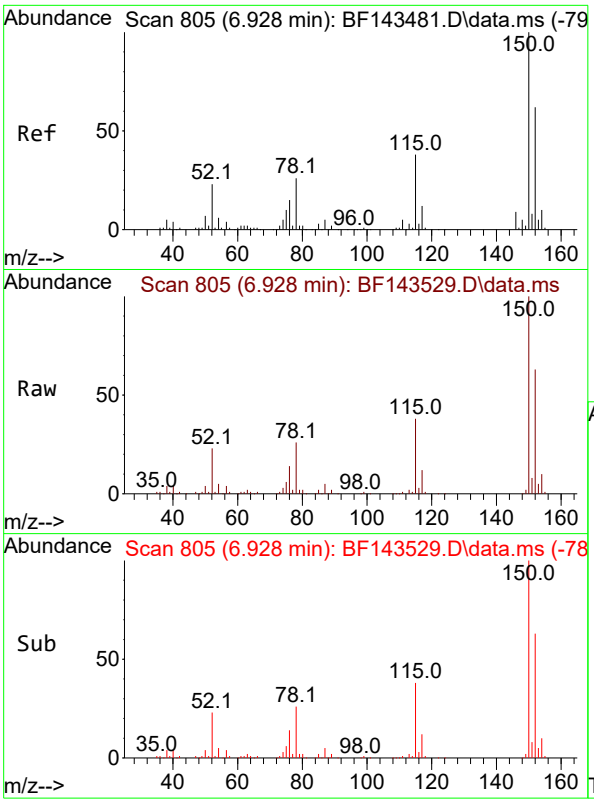
Sample Results: **BF143529.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143529.D
Acq On : 21 Aug 2025 14:42
Operator : RC/JU
Sample : Q2900-05DL2 100X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL2

Quant Time: Aug 21 15:23:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration



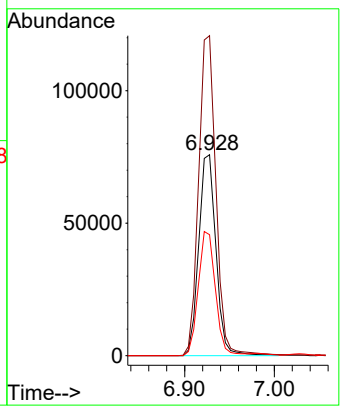


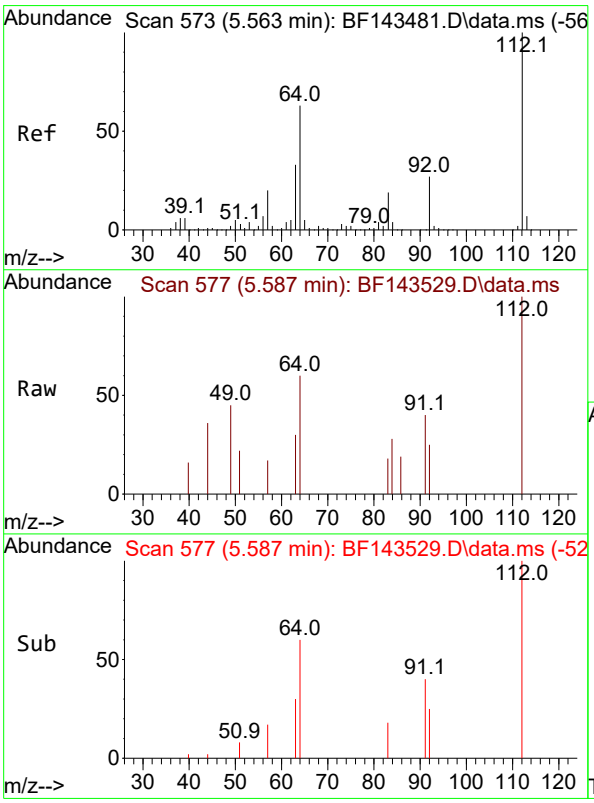
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL2

Tgt Ion:152 Resp: 101432

Ion	Ratio	Lower	Upper
152	100		
150	159.2	128.9	193.3
115	60.2	49.2	73.8

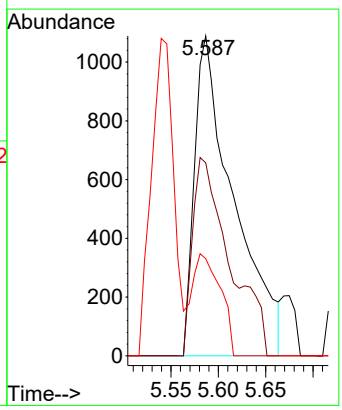


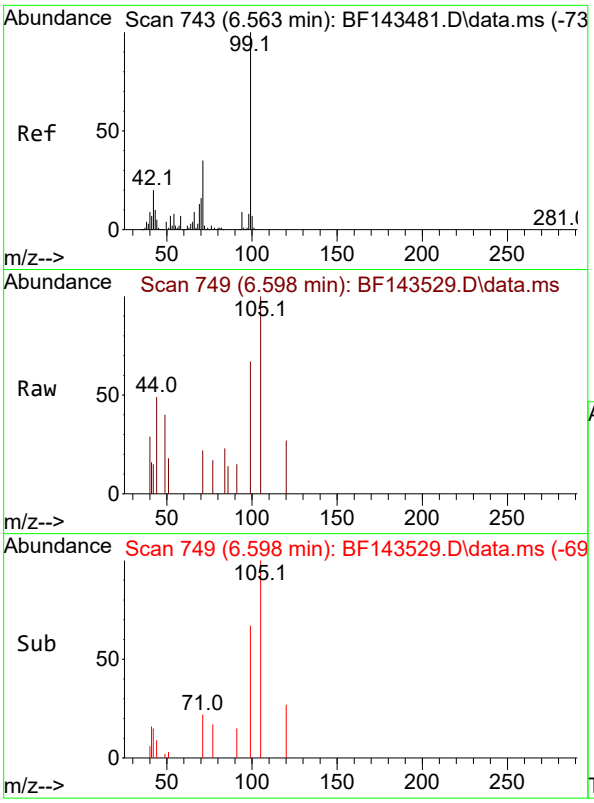


#5
2-Fluorophenol
Concen: 0.540 ng
RT: 5.587 min Scan# 577
Delta R.T. 0.024 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Tgt Ion:112 Resp: 3138

Ion	Ratio	Lower	Upper
112	100		
64	60.3	50.4	75.6
63	30.4	26.4	39.6



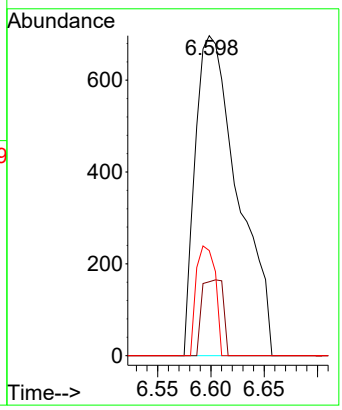


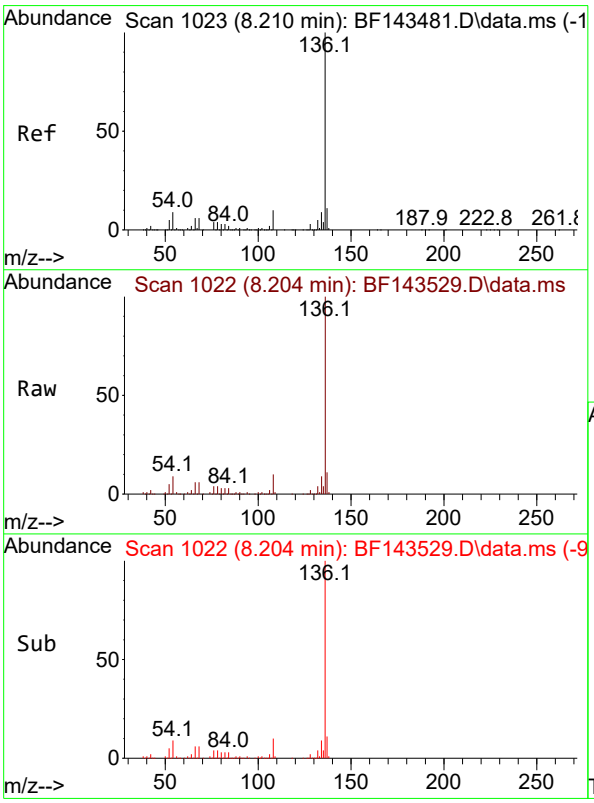
#7
Phenol-d6
Concen: 0.271 ng
RT: 6.598 min Scan# 7
Delta R.T. 0.023 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL2

Tgt Ion: 99 Resp: 1944

Ion	Ratio	Lower	Upper
99	100		
42	23.1	16.3	24.5
71	32.9	28.2	42.2

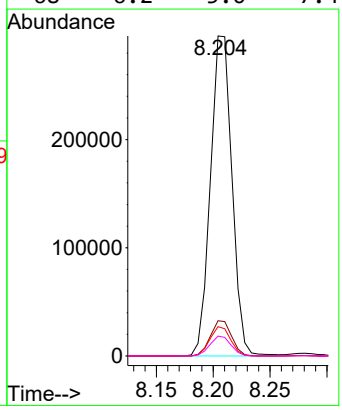


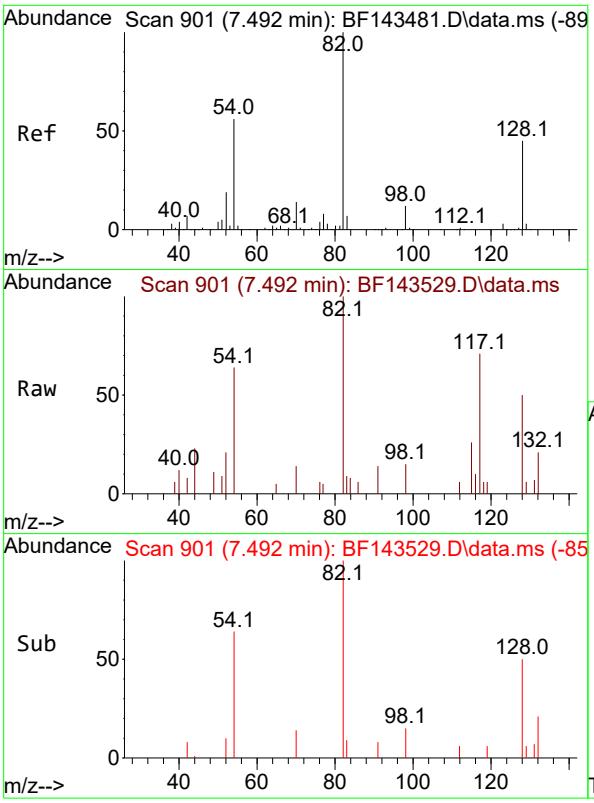


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Tgt Ion:136 Resp: 390858

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.2	7.4	11.2
68	6.2	5.0	7.4



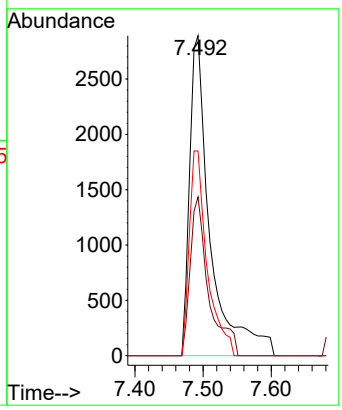


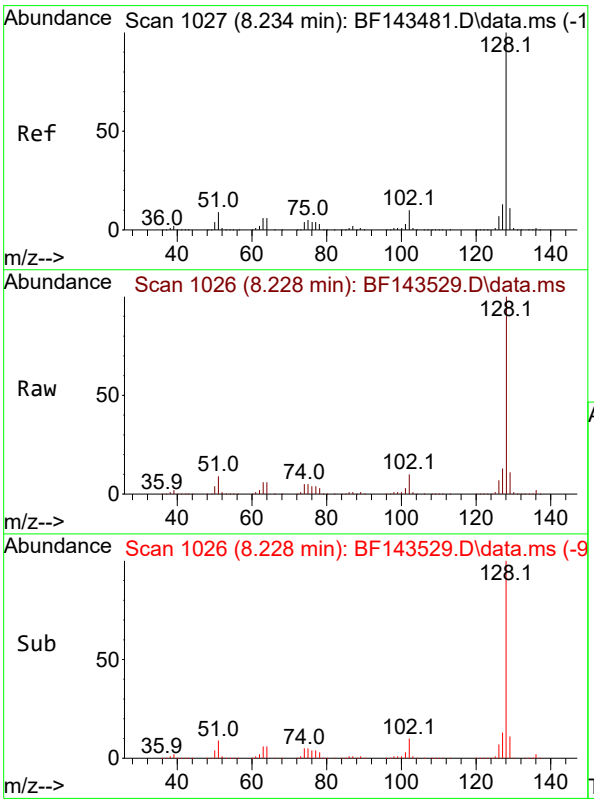
#23
Nitrobenzene-d5
Concen: 0.905 ng
RT: 7.492 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL2

Tgt Ion: 82 Resp: 6059

Ion	Ratio	Lower	Upper
82	100		
128	49.6	35.5	53.3
54	63.9	44.3	66.5

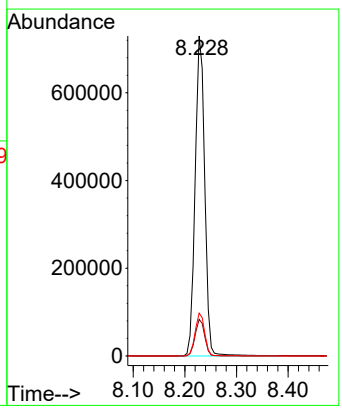


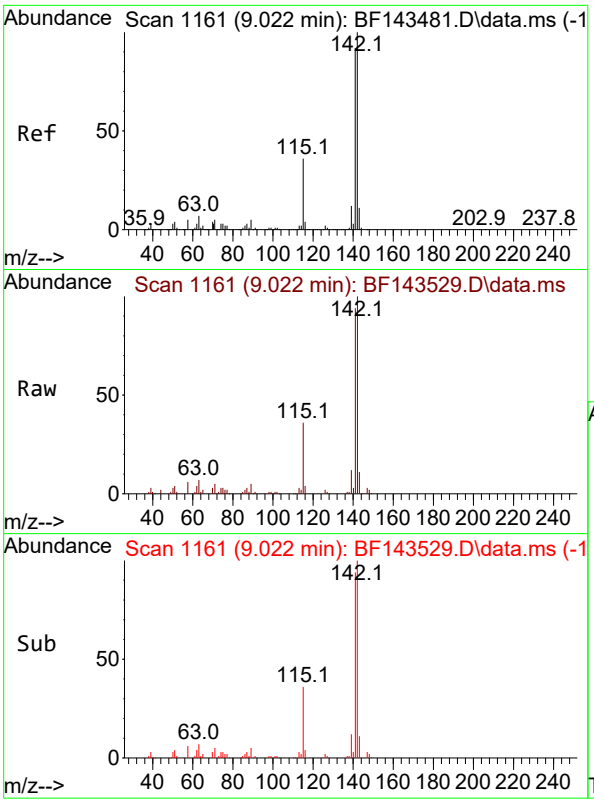


#31
Naphthalene
Concen: 50.098 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Tgt Ion:128 Resp: 940099

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.4	10.6	16.0



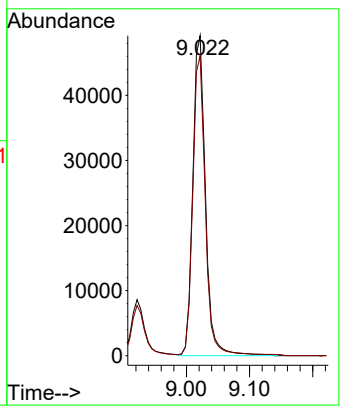


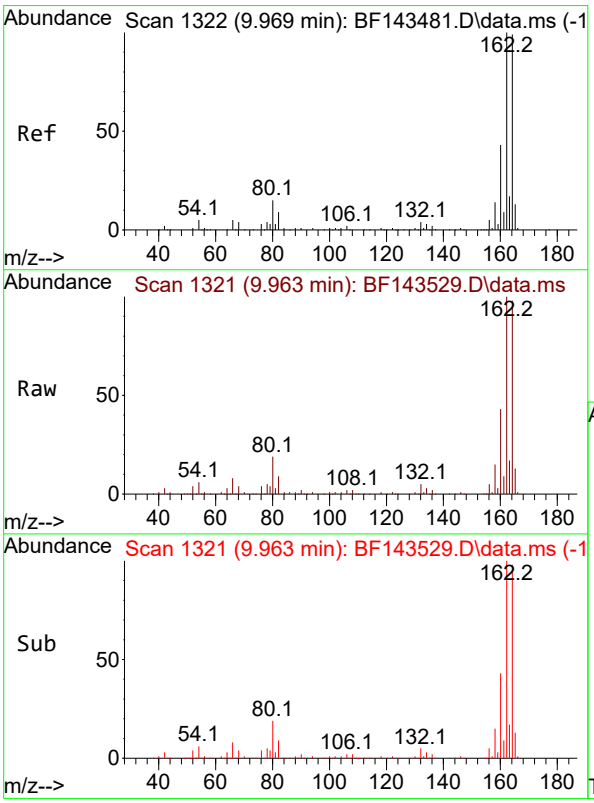
#38
1-Methylnaphthalene
Concen: 5.702 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL2

Tgt Ion:142 Resp: 68359

Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.3	109.9

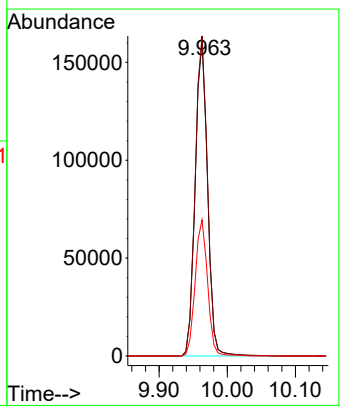


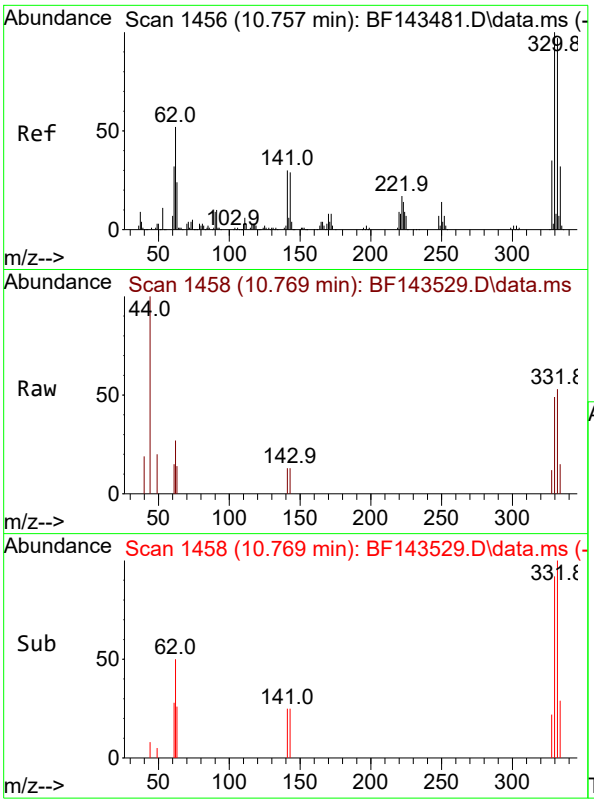


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Tgt Ion:164 Resp: 202413

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.5	120.7
160	43.3	34.3	51.5



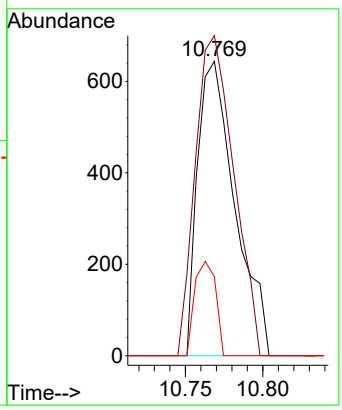


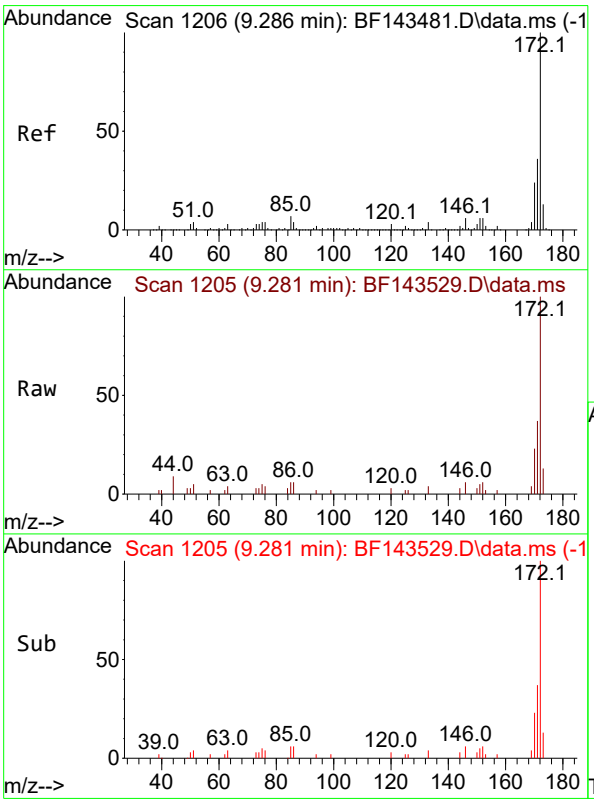
#42
2,4,6-Tribromophenol
Concen: 0.575 ng
RT: 10.769 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL2

Tgt Ion:330 Resp: 1084

Ion	Ratio	Lower	Upper
330	100		
332	111.5	78.0	117.0
141	17.9	23.7	35.5#

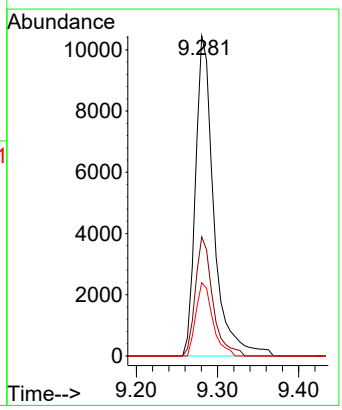


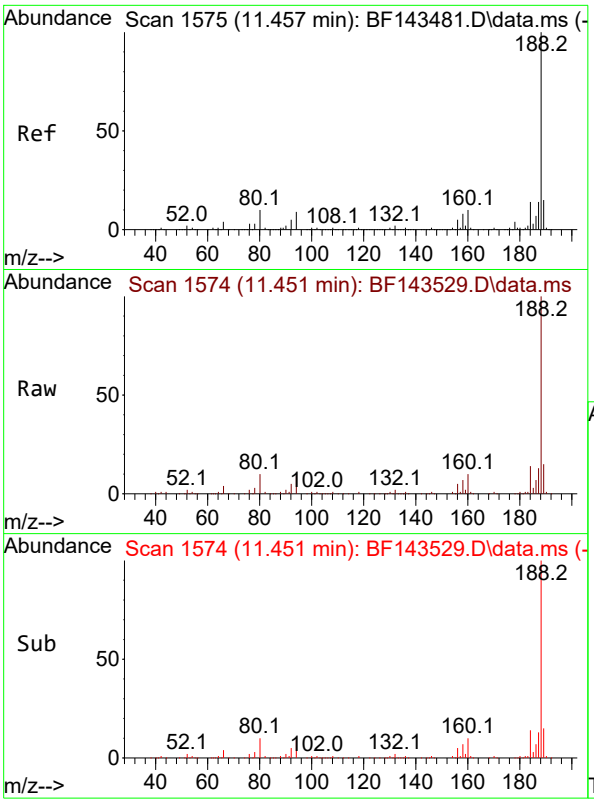


#45
2-Fluorobiphenyl
Concen: 1.339 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Tgt Ion:172 Resp: 16397

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.8	43.2
170	22.9	18.8	28.2



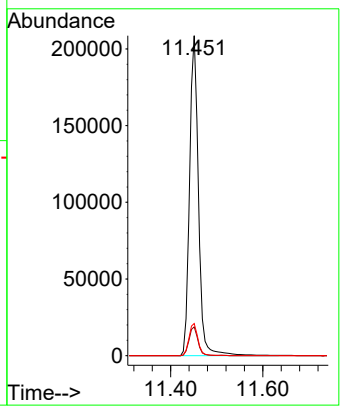


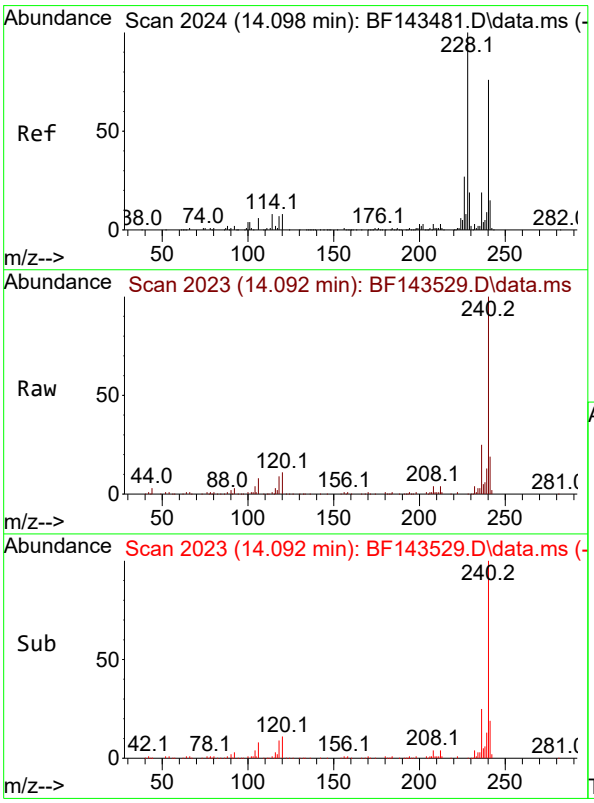
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL2

Tgt Ion:188 Resp: 279024

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	10.0	8.2	12.4

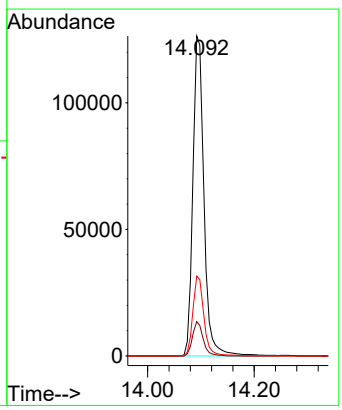


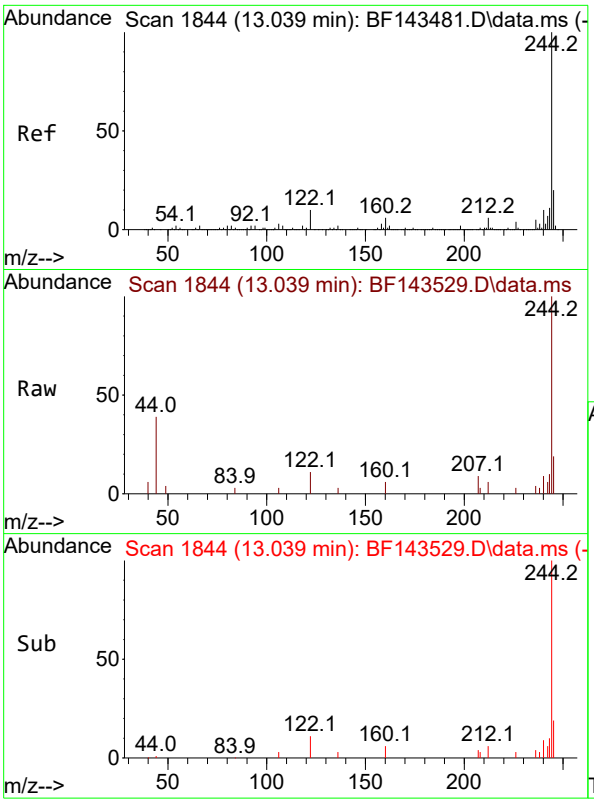


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Tgt Ion:240 Resp: 183510

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.6	12.8
236	25.0	20.4	30.6



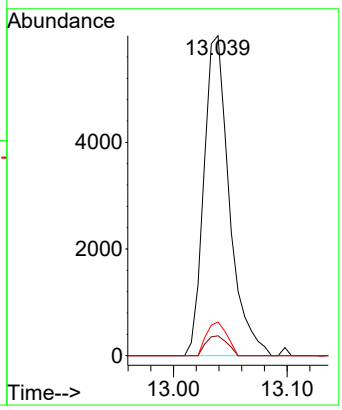


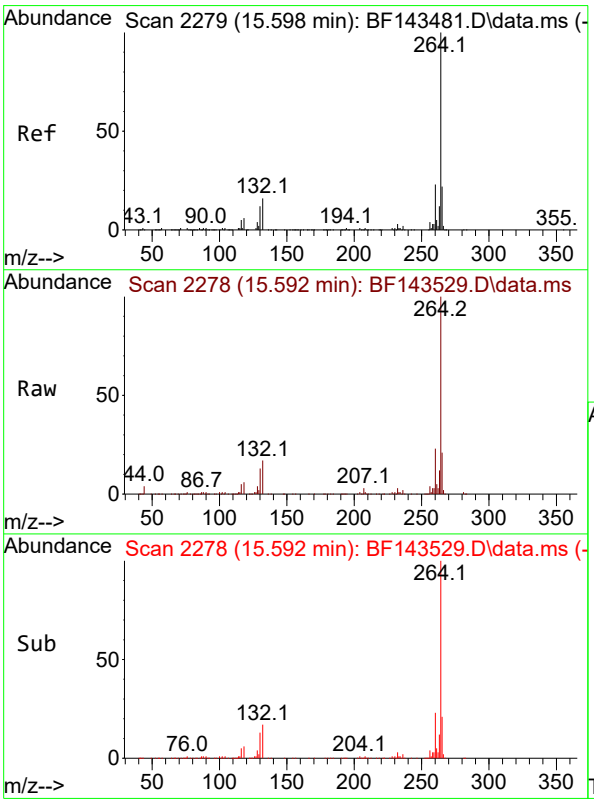
#79
Terphenyl-d14
Concen: 0.888 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL2

Tgt Ion:244 Resp: 9335

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.2	7.8
122	10.5	7.9	11.9

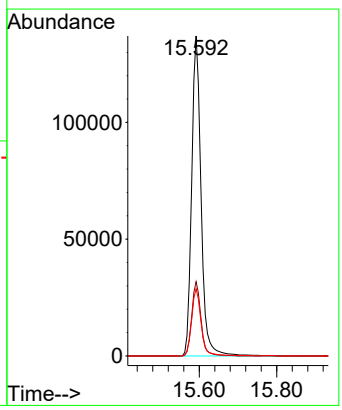




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143529.D
Acq: 21 Aug 2025 14:42

Tgt Ion:264 Resp: 231339

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.0	17.6	26.4



Raw Data: **BF143494.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-17C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143494.D	1	08/19/25 09:29	08/20/25 19:39	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	11.0	U	4.30	11.0	ug/L
108-95-2	Phenol	5.50	U	1.00	5.50	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.50	U	0.89	5.50	ug/L
95-57-8	2-Chlorophenol	5.50	U	0.64	5.50	ug/L
95-48-7	2-Methylphenol	5.50	U	1.20	5.50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.50	U	1.40	5.50	ug/L
98-86-2	Acetophenone	5.50	U	0.81	5.50	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	1.20	11.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	5.50	U	0.71	5.50	ug/L
98-95-3	Nitrobenzene	5.50	U	0.84	5.50	ug/L
78-59-1	Isophorone	5.50	U	0.82	5.50	ug/L
88-75-5	2-Nitrophenol	5.50	U	1.90	5.50	ug/L
105-67-9	2,4-Dimethylphenol	5.50	U	2.00	5.50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.50	U	0.75	5.50	ug/L
120-83-2	2,4-Dichlorophenol	5.50	U	0.57	5.50	ug/L
91-20-3	Naphthalene	5.50	U	0.55	5.50	ug/L
106-47-8	4-Chloroaniline	5.50	U	0.92	5.50	ug/L
87-68-3	Hexachlorobutadiene	5.50	U	0.59	5.50	ug/L
105-60-2	Caprolactam	11.0	U	1.20	11.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.50	U	0.65	5.50	ug/L
91-57-6	2-Methylnaphthalene	5.50	U	0.62	5.50	ug/L
77-47-4	Hexachlorocyclopentadiene	11.0	U	4.00	11.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.50	U	0.56	5.50	ug/L
95-95-4	2,4,5-Trichlorophenol	5.50	U	0.68	5.50	ug/L
92-52-4	1,1-Biphenyl	5.50	U	0.58	5.50	ug/L
91-58-7	2-Chloronaphthalene	5.50	U	0.67	5.50	ug/L
88-74-4	2-Nitroaniline	5.50	U	1.40	5.50	ug/L
131-11-3	Dimethylphthalate	5.50	U	0.67	5.50	ug/L

Raw Data: **BF143494.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-17C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143494.D	1	08/19/25 09:29	08/20/25 19:39	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.50	U	0.82	5.50	ug/L
606-20-2	2,6-Dinitrotoluene	5.50	U	1.00	5.50	ug/L
99-09-2	3-Nitroaniline	5.50	U	1.20	5.50	ug/L
83-32-9	Acenaphthene	5.50	U	0.60	5.50	ug/L
51-28-5	2,4-Dinitrophenol	11.0	U	6.60	11.0	ug/L
100-02-7	4-Nitrophenol	11.0	U	2.60	11.0	ug/L
132-64-9	Dibenzofuran	5.50	U	0.67	5.50	ug/L
121-14-2	2,4-Dinitrotoluene	5.50	U	1.30	5.50	ug/L
84-66-2	Diethylphthalate	5.50	U	0.76	5.50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.50	U	0.75	5.50	ug/L
86-73-7	Fluorene	5.50	U	0.69	5.50	ug/L
100-01-6	4-Nitroaniline	5.50	U	1.60	5.50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.0	U	3.20	11.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.50	U	0.64	5.50	ug/L
101-55-3	4-Bromophenyl-phenylether	5.50	U	0.44	5.50	ug/L
118-74-1	Hexachlorobenzene	5.50	U	0.57	5.50	ug/L
1912-24-9	Atrazine	5.50	U	1.10	5.50	ug/L
87-86-5	Pentachlorophenol	11.0	U	1.70	11.0	ug/L
85-01-8	Phenanthrene	5.50	U	0.55	5.50	ug/L
120-12-7	Anthracene	5.50	U	0.67	5.50	ug/L
86-74-8	Carbazole	5.50	U	0.79	5.50	ug/L
84-74-2	Di-n-butylphthalate	5.50	U	1.30	5.50	ug/L
206-44-0	Fluoranthene	5.50	U	0.90	5.50	ug/L
129-00-0	Pyrene	5.50	U	0.55	5.50	ug/L
85-68-7	Butylbenzylphthalate	5.50	UQ	2.10	5.50	ug/L
91-94-1	3,3-Dichlorobenzidine	11.0	UQ	1.00	11.0	ug/L
56-55-3	Benzo(a)anthracene	5.50	U	0.49	5.50	ug/L
218-01-9	Chrysene	5.50	U	0.48	5.50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.50	U	1.80	5.50	ug/L
117-84-0	Di-n-octyl phthalate	11.0	U	2.60	11.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.50	U	0.54	5.50	ug/L

Raw Data: **BF143494.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-17C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143494.D	1	08/19/25 09:29	08/20/25 19:39	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.50	U	0.53	5.50	ug/L
50-32-8	Benzo(a)pyrene	5.50	U	0.60	5.50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.50	U	0.65	5.50	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.50	U	0.74	5.50	ug/L
191-24-2	Benzo(g,h,i)perylene	5.50	U	0.76	5.50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.50	U	0.57	5.50	ug/L
123-91-1	1,4-Dioxane	5.50	U	1.10	5.50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.50	U	0.79	5.50	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	69.8		23 - 138	47%	SPK: 150
13127-88-3	Phenol-d6	51.4		10 - 134	34%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.1		67 - 132	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.7		52 - 132	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	137		44 - 137	91%	SPK: 150
1718-51-0	Terphenyl-d14	80.3		42 - 152	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	137000	6.928			
1146-65-2	Naphthalene-d8	522000	8.204			
15067-26-2	Acenaphthene-d10	285000	9.963			
1517-22-2	Phenanthrene-d10	459000	11.451			
1719-03-5	Chrysene-d12	263000	14.098			
1520-96-3	Perylene-d12	271000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J		2.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.90	AB		5.16	ug/L

Raw Data: **BF143494.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-17C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143494.D	1	08/19/25 09:29	08/20/25 19:39	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **BF143494.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143494.D
Acq On : 20 Aug 2025 19:39
Operator : RC/JU
Sample : Q2900-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

Quant Time: Aug 21 02:05:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

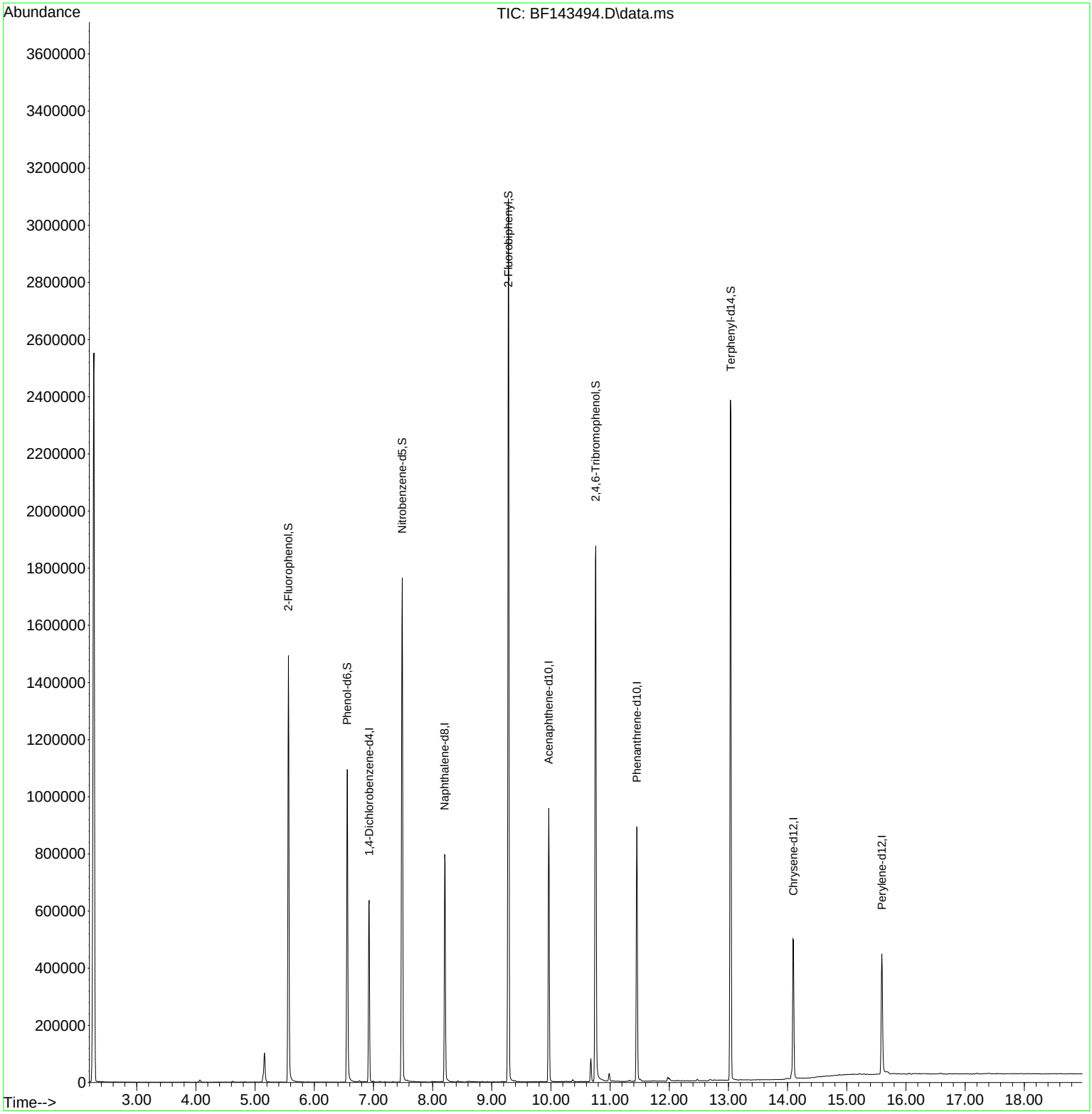
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	136964	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	522451	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	285056	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	458576	20.000	ng	0.00
76) Chrysene-d12	14.098	240	262919	20.000	ng	0.00
86) Perylene-d12	15.592	264	271441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	547199	69.763	ng	0.00
7) Phenol-d6	6.557	99	497897	51.422	ng	-0.02
23) Nitrobenzene-d5	7.486	82	815263	91.060	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	363701	137.067	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1392067	80.708	ng	0.00
79) Terphenyl-d14	13.039	244	1210218	80.324	ng	0.00
Target Compounds						Qvalue

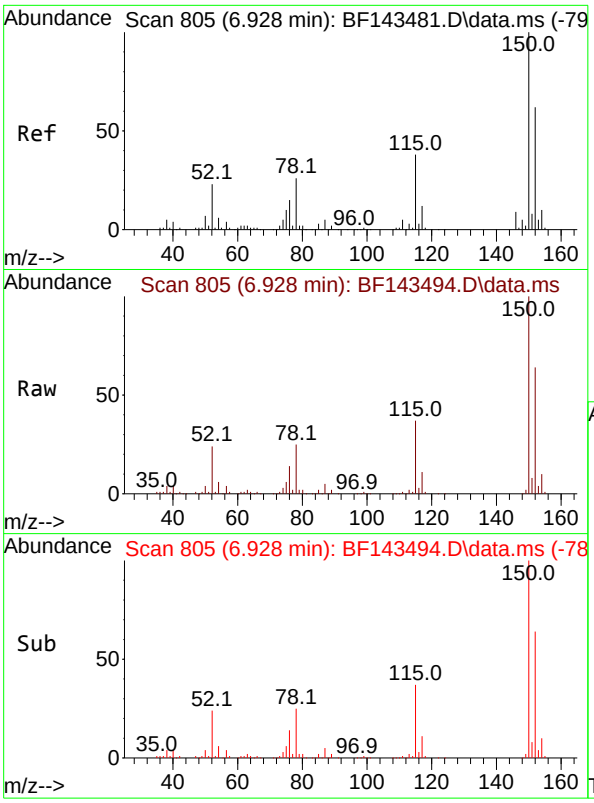
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143494.D
Acq On : 20 Aug 2025 19:39
Operator : RC/JU
Sample : Q2900-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

Quant Time: Aug 21 02:05:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



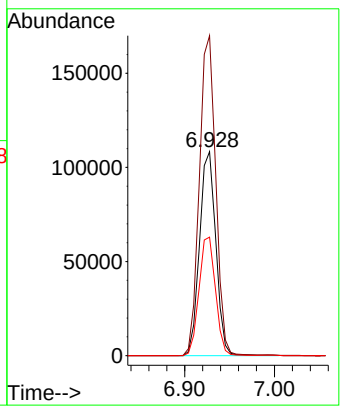


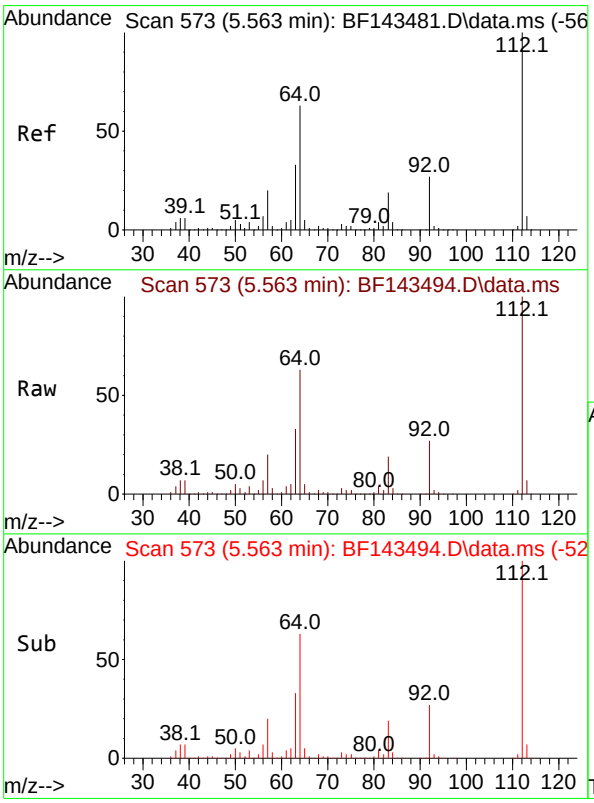
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

Tgt Ion:152 Resp: 136964

Ion	Ratio	Lower	Upper
152	100		
150	156.9	128.9	193.3
115	58.2	49.2	73.8

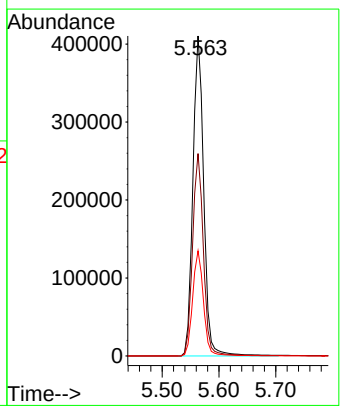


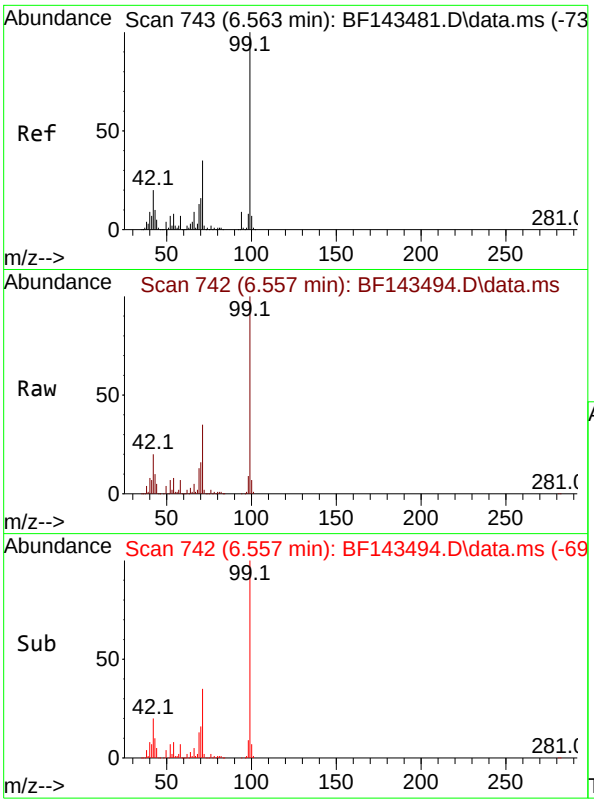


#5
2-Fluorophenol
Concen: 69.763 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

Tgt Ion:112 Resp: 547199

Ion	Ratio	Lower	Upper
112	100		
64	63.2	50.4	75.6
63	32.9	26.4	39.6



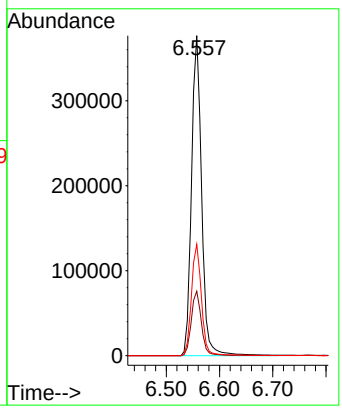


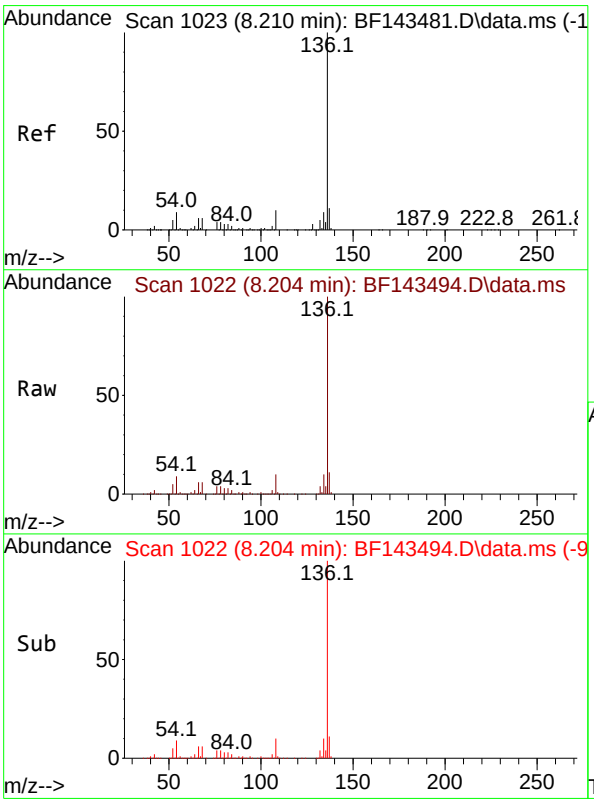
#7
Phenol-d6
Concen: 51.422 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

Tgt Ion: 99 Resp: 497897

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.3	24.5
71	34.8	28.2	42.2

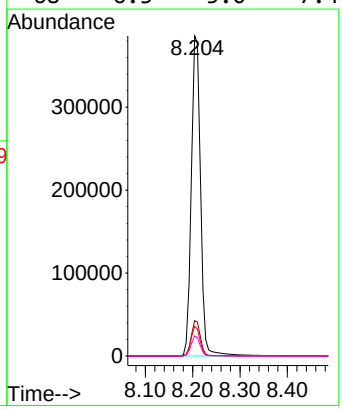


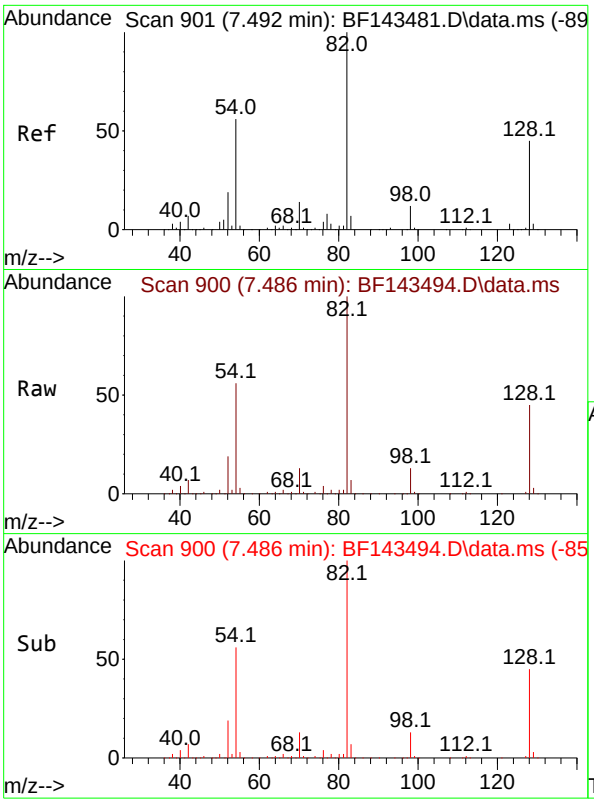


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

Tgt Ion:136 Resp: 522451

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.3	7.4	11.2
68	6.3	5.0	7.4



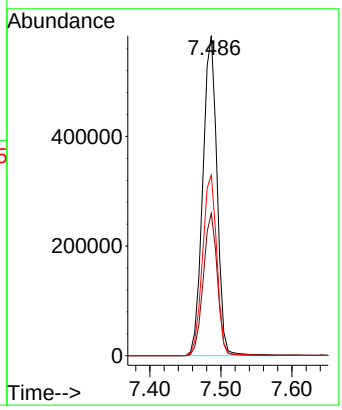


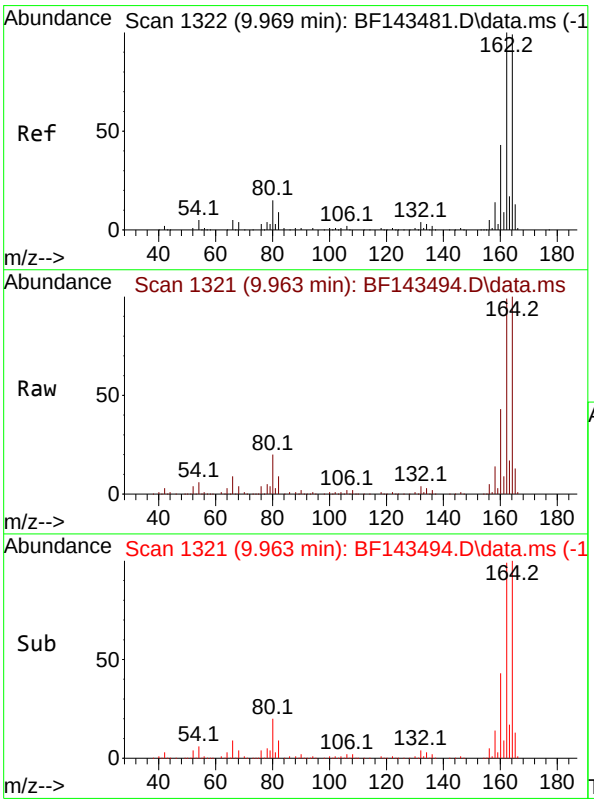
#23
Nitrobenzene-d5
Concen: 91.060 ng
RT: 7.486 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

Tgt Ion: 82 Resp: 815263

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.5	53.3
54	56.4	44.3	66.5

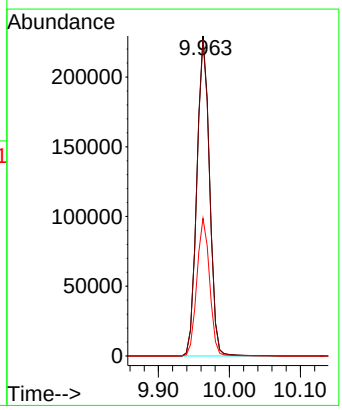


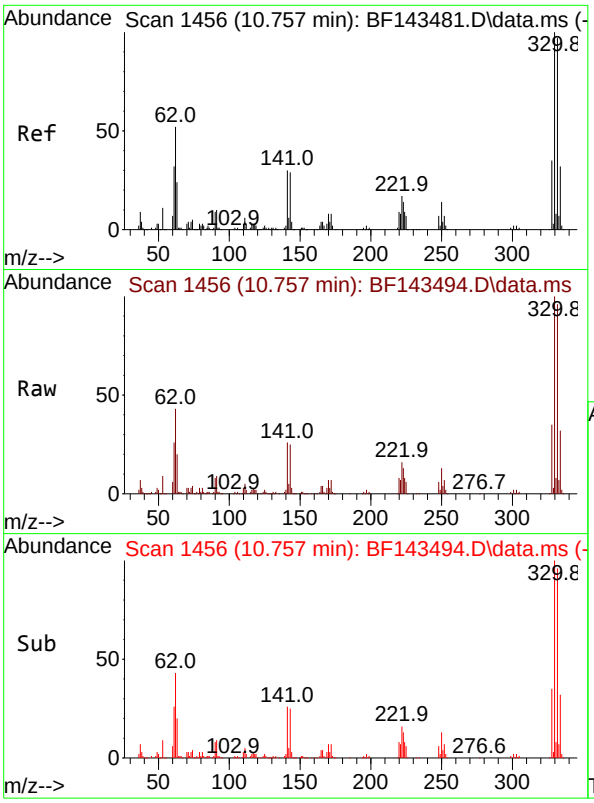


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

Tgt Ion:164 Resp: 285056

Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.5	120.7
160	43.0	34.3	51.5



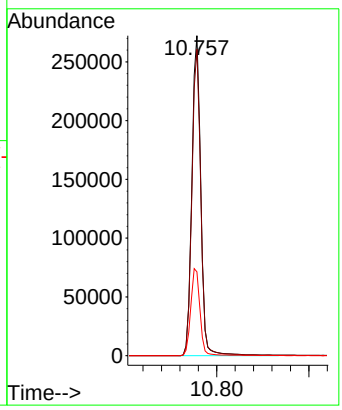


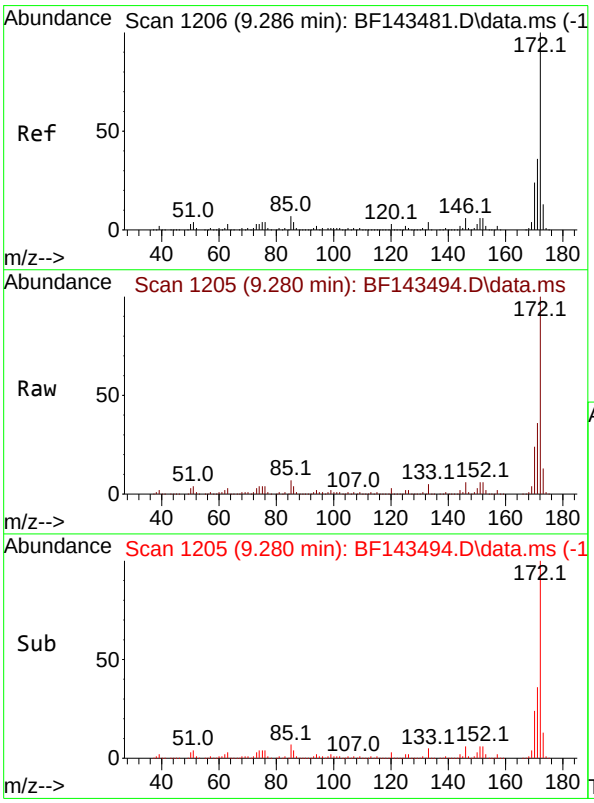
#42
2,4,6-Tribromophenol
Concen: 137.067 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

Tgt Ion:330 Resp: 363701

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.0	117.0
141	28.4	23.7	35.5

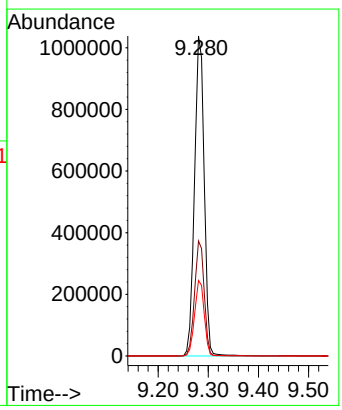


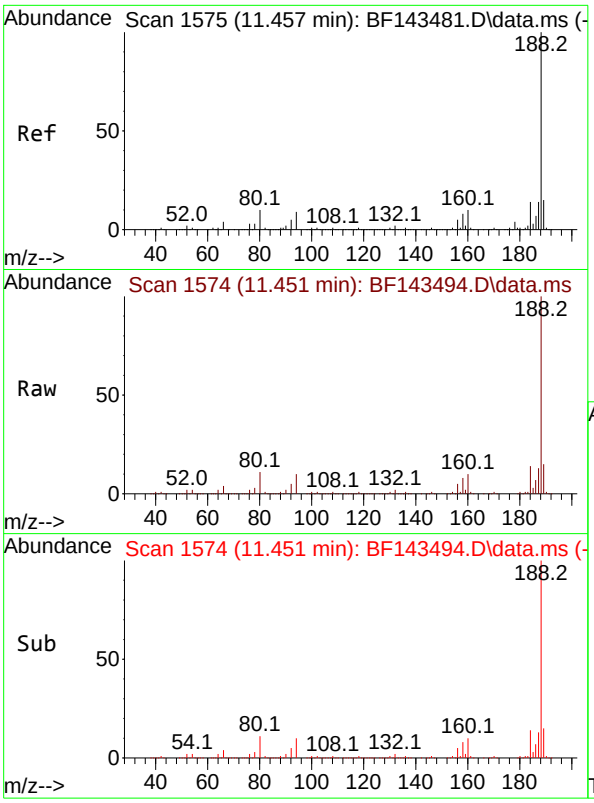


#45
2-Fluorobiphenyl
Concen: 80.708 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

Tgt Ion:172 Resp: 1392067

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.6	18.8	28.2



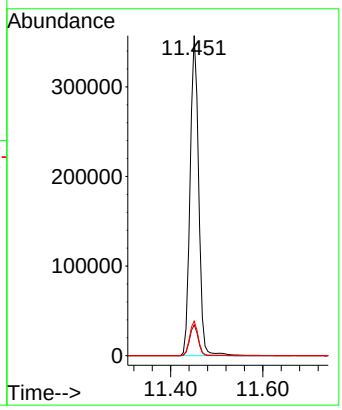


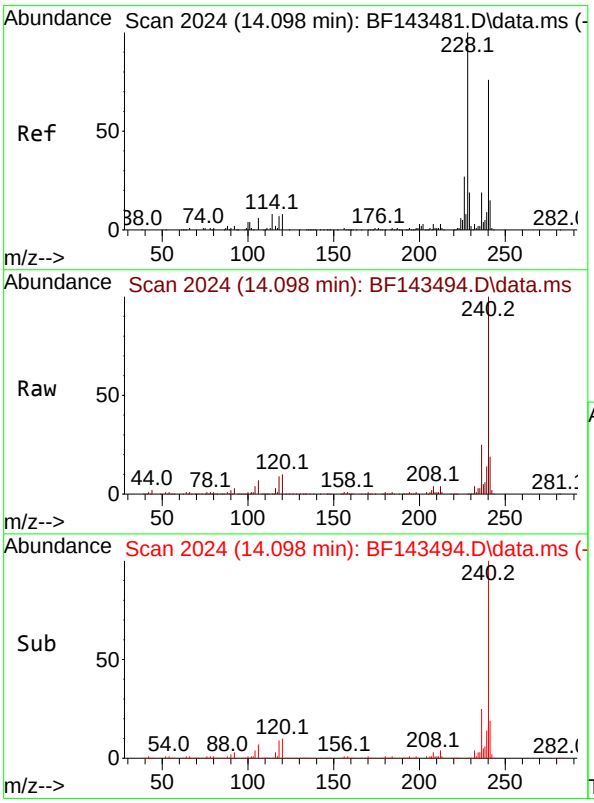
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

Tgt Ion:188 Resp: 458576

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.2
80	10.8	8.2	12.4

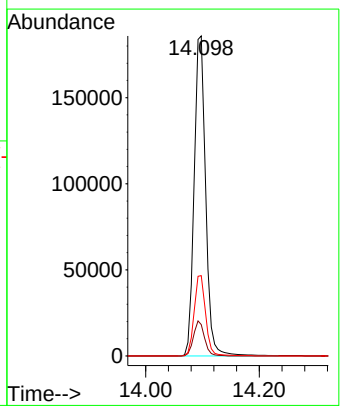


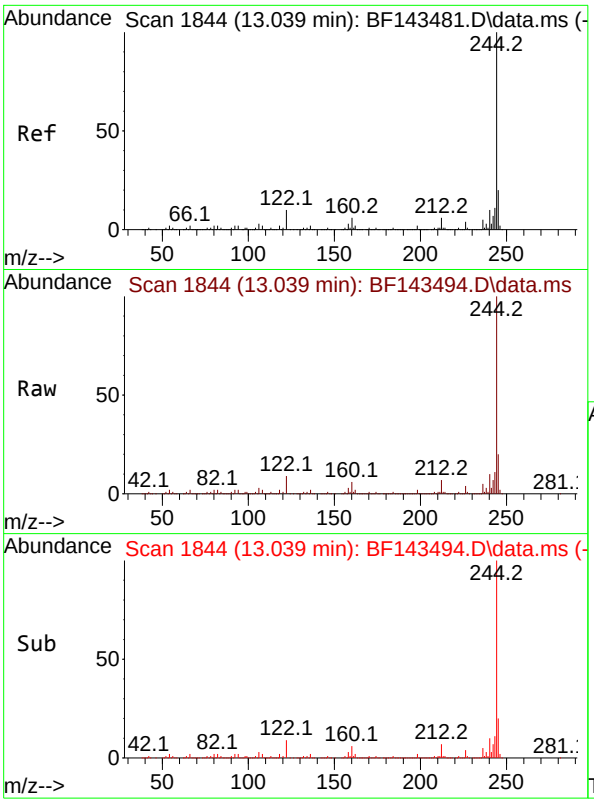


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

Tgt Ion:240 Resp: 262919

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.6	12.8
236	25.1	20.4	30.6



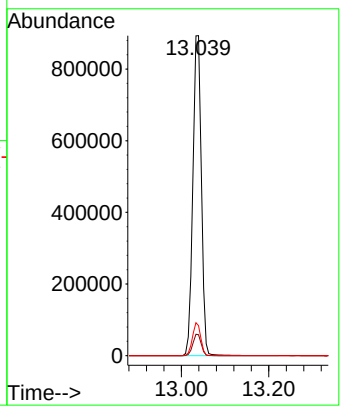


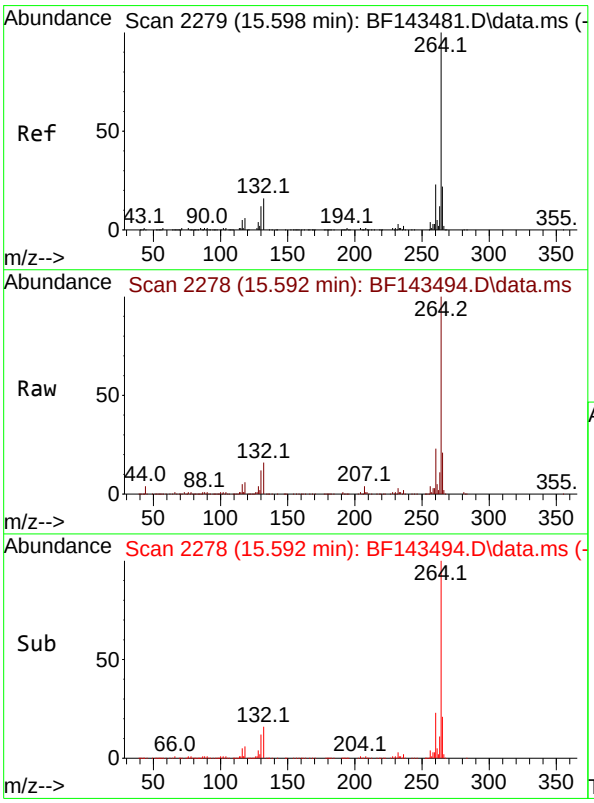
#79
Terphenyl-d14
Concen: 80.324 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

Tgt Ion:244 Resp: 1210218

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	9.4	7.9	11.9

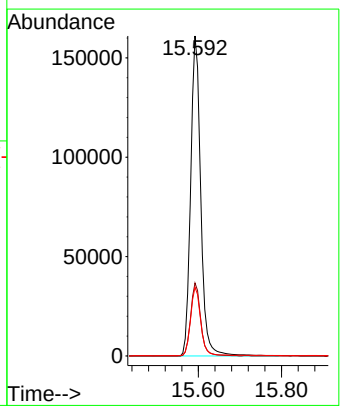




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143494.D
Acq: 20 Aug 2025 19:39

Tgt Ion:264 Resp: 271441

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.5	17.6	26.4



LSC Area Percent Report

Sample Results: **BF143494.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143494.D
Acq On : 20 Aug 2025 19:39
Operator : RC/JU
Sample : Q2900-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143494.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.275	4	14	22	rBV	2550882	4314244	100.00%	16.585%
2	5.157	496	504	514	rBV2	102246	181730	4.21%	0.699%
3	5.563	568	573	596	rBV	1492555	1986086	46.04%	7.635%
4	6.557	737	742	768	rBV	1094192	1452291	33.66%	5.583%
5	6.928	799	805	813	rBV	635780	812633	18.84%	3.124%
6	7.486	893	900	911	rBV	1764568	2462026	57.07%	9.465%
7	8.204	1017	1022	1042	rBV	795715	1060075	24.57%	4.075%
8	9.280	1199	1205	1216	rBV	3090113	4083938	94.66%	15.700%
9	9.963	1316	1321	1333	rBV	957440	1192105	27.63%	4.583%
10	10.675	1437	1442	1450	rBV	80965	102794	2.38%	0.395%
11	10.757	1450	1456	1480	rBV	1874334	2641219	61.22%	10.154%
12	11.451	1569	1574	1582	rBV	890485	1134424	26.29%	4.361%
13	13.033	1838	1843	1849	rBV	2380136	3174729	73.59%	12.205%
14	14.092	2014	2023	2035	rBV	488824	714672	16.57%	2.747%
15	15.592	2272	2278	2289	rBV	420567	699627	16.22%	2.690%

Sum of corrected areas: 26012593

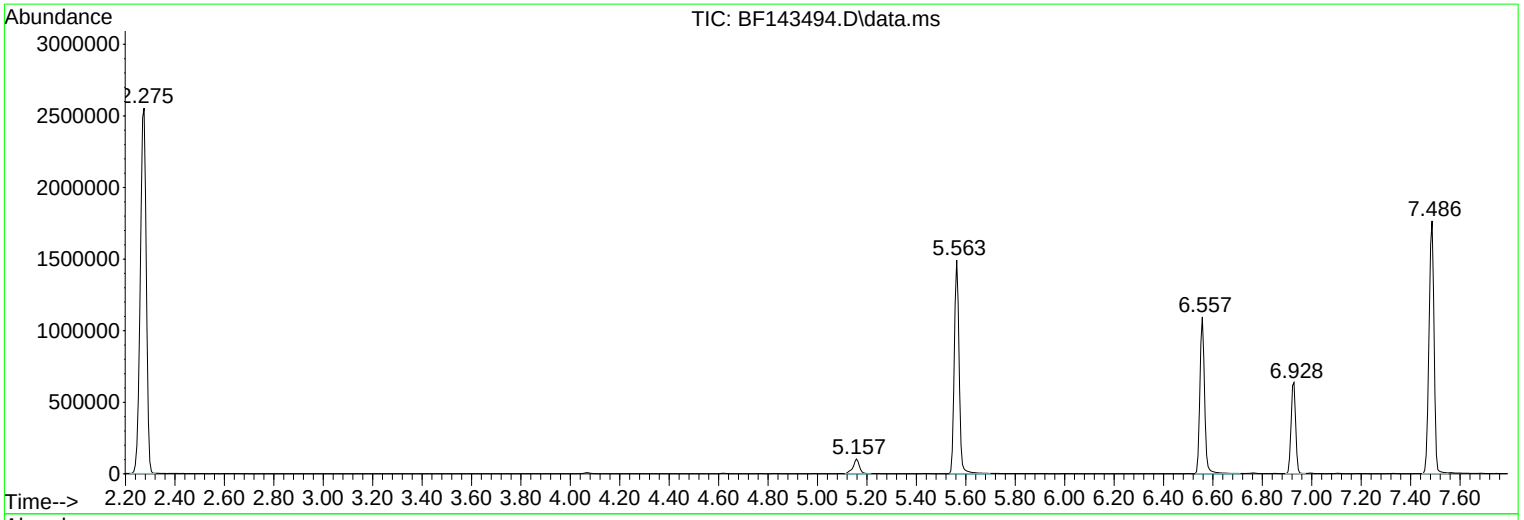
Sample Results: **BF143494.D**

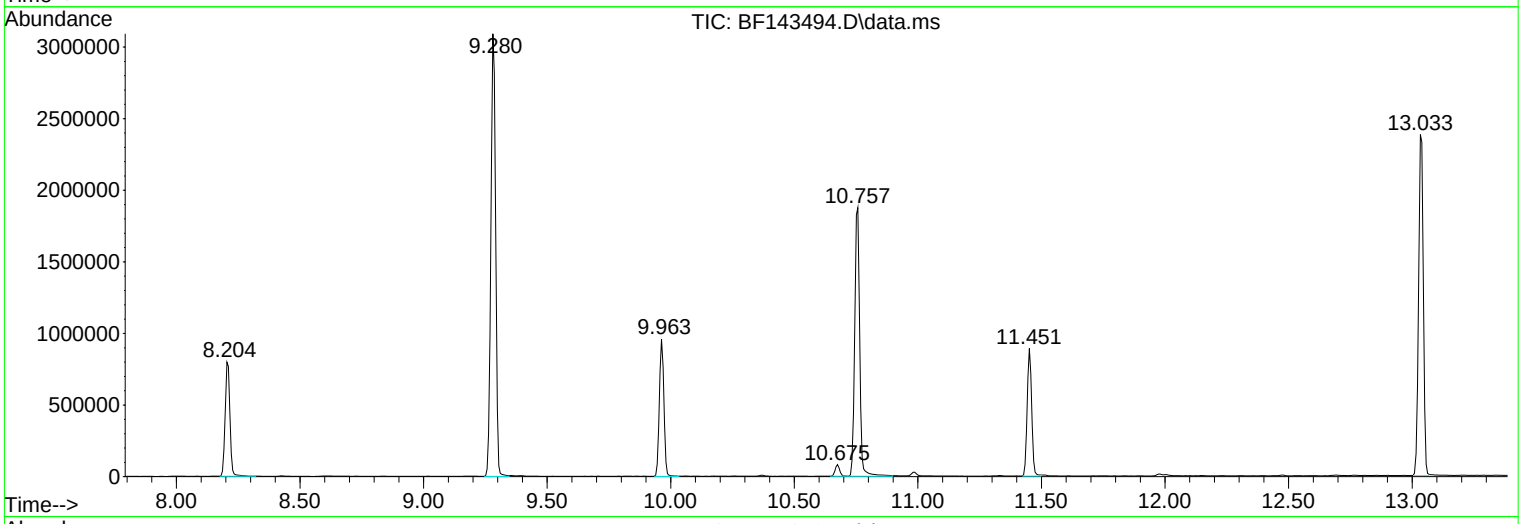
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143494.D
Acq On : 20 Aug 2025 19:39
Operator : RC/JU
Sample : Q2900-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

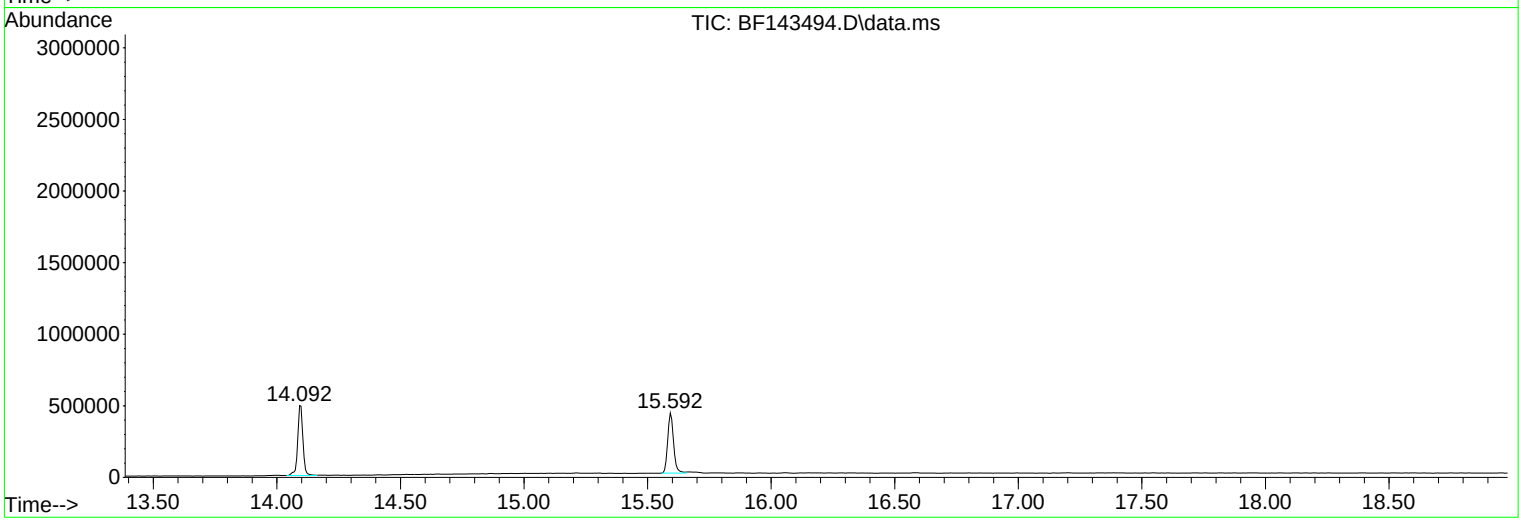
Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143494.D
Acq On : 20 Aug 2025 19:39
Operator : RC/JU
Sample : Q2900-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

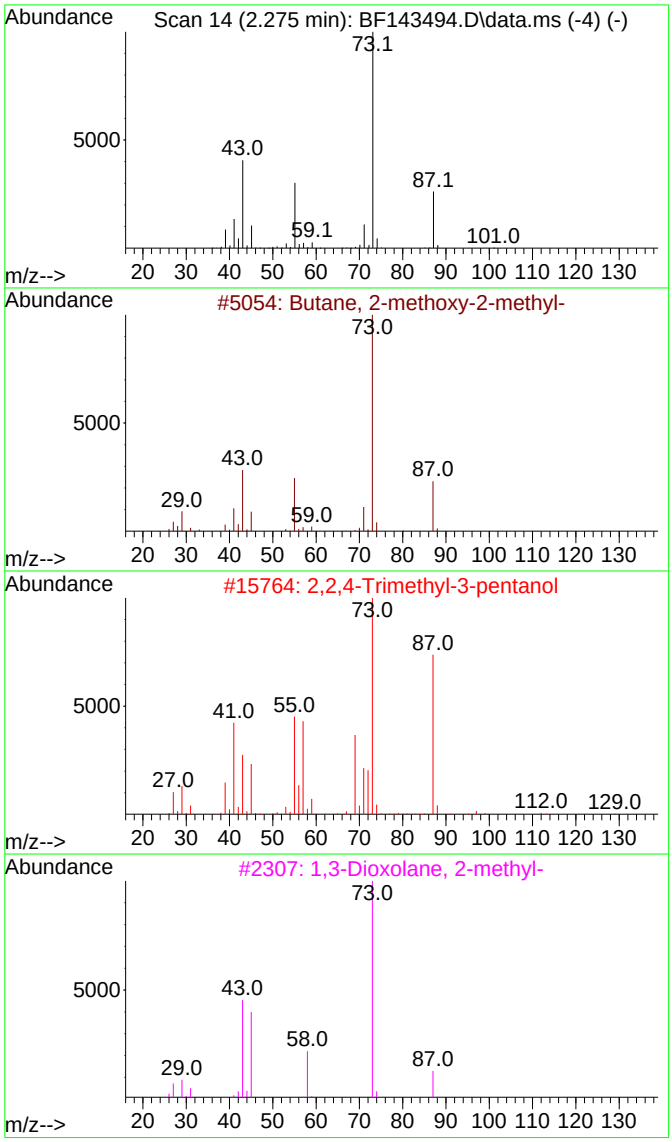
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

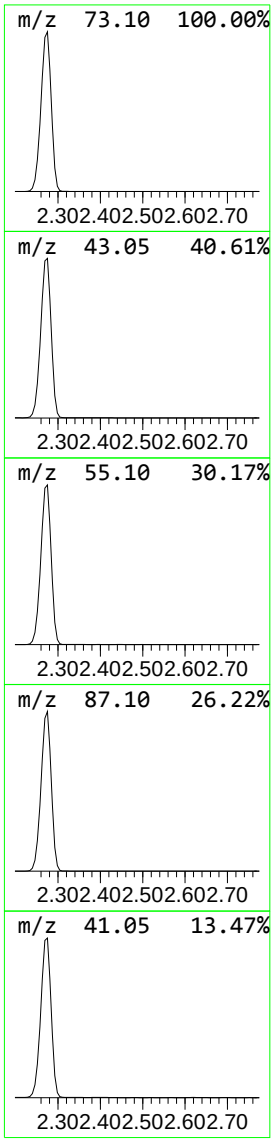
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.275	106.18 ng	4314240	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143494.D
Acq On : 20 Aug 2025 19:39
Operator : RC/JU
Sample : Q2900-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

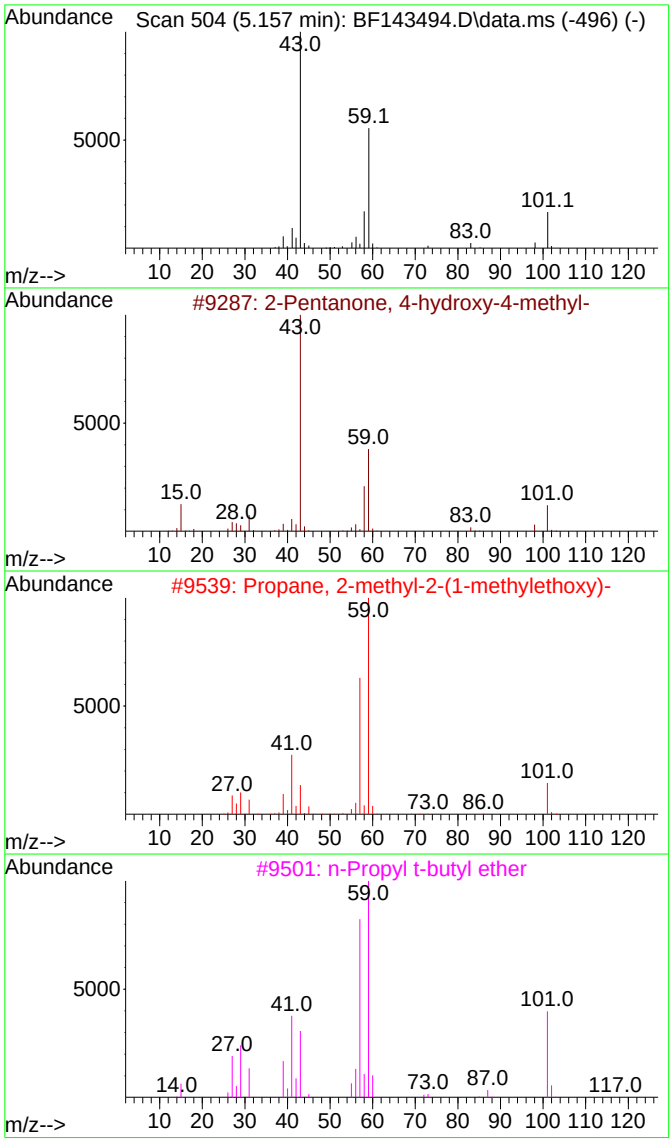
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

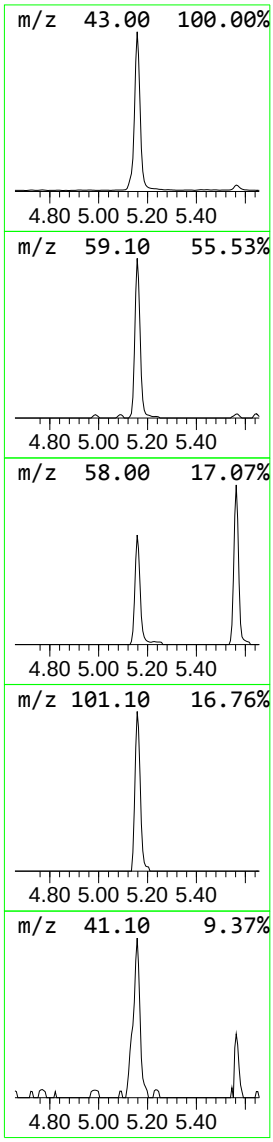
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	4.47 ng	181730	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Sample Results: **BF143494.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143494.D
Acq On : 20 Aug 2025 19:39
Operator : RC/JU
Sample : Q2900-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17C-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.275	106.2	ng	4314240	1	6.928	812633	20.0
2-Pentanone, 4-...	5.157	4.5	ng	181730	1	6.928	812633	20.0

Raw Data: **BF143495.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-11B-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143495.D	1	08/19/25 09:29	08/20/25 20:08	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.4	U	4.10	10.4	ug/L
108-95-2	Phenol	5.20	U	0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.20	U	0.84	5.20	ug/L
95-57-8	2-Chlorophenol	5.20	U	0.60	5.20	ug/L
95-48-7	2-Methylphenol	5.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.20	U	1.30	5.20	ug/L
98-86-2	Acetophenone	5.20	U	0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	10.4	U	1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	5.20	U	0.68	5.20	ug/L
98-95-3	Nitrobenzene	5.20	U	0.79	5.20	ug/L
78-59-1	Isophorone	5.20	U	0.78	5.20	ug/L
88-75-5	2-Nitrophenol	5.20	U	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	5.20	U	1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.20	U	0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	5.20	U	0.54	5.20	ug/L
91-20-3	Naphthalene	8.50		0.52	5.20	ug/L
106-47-8	4-Chloroaniline	5.20	U	0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	5.20	U	0.56	5.20	ug/L
105-60-2	Caprolactam	10.4	U	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	5.20	U	0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	5.20	U	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	10.4	U	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	5.20	U	0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	5.20	U	0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	5.20	U	0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	5.20	U	0.64	5.20	ug/L
88-74-4	2-Nitroaniline	5.20	U	1.30	5.20	ug/L
131-11-3	Dimethylphthalate	5.20	U	0.64	5.20	ug/L

Raw Data: **BF143495.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-11B-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143495.D	1	08/19/25 09:29	08/20/25 20:08	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.20	U	0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	5.20	U	0.96	5.20	ug/L
99-09-2	3-Nitroaniline	5.20	U	1.10	5.20	ug/L
83-32-9	Acenaphthene	5.20	U	0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	10.4	U	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	10.4	U	2.50	10.4	ug/L
132-64-9	Dibenzofuran	5.20	U	0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	5.20	U	1.30	5.20	ug/L
84-66-2	Diethylphthalate	5.20	U	0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.20	U	0.71	5.20	ug/L
86-73-7	Fluorene	5.20	U	0.66	5.20	ug/L
100-01-6	4-Nitroaniline	5.20	U	1.60	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.4	U	3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	5.20	U	0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	5.20	U	0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	5.20	U	0.54	5.20	ug/L
1912-24-9	Atrazine	5.20	U	1.10	5.20	ug/L
87-86-5	Pentachlorophenol	10.4	U	1.60	10.4	ug/L
85-01-8	Phenanthrene	5.20	U	0.52	5.20	ug/L
120-12-7	Anthracene	5.20	U	0.64	5.20	ug/L
86-74-8	Carbazole	5.20	U	0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	5.20	U	1.30	5.20	ug/L
206-44-0	Fluoranthene	5.20	U	0.85	5.20	ug/L
129-00-0	Pyrene	5.20	U	0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	5.20	UQ	2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	10.4	UQ	0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	5.20	U	0.47	5.20	ug/L
218-01-9	Chrysene	5.20	U	0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.20	U	1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	10.4	U	2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	5.20	U	0.51	5.20	ug/L

Raw Data: **BF143495.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-11B-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143495.D	1	08/19/25 09:29	08/20/25 20:08	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.20	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	5.20	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.20	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.20	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	5.20	U	0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.20	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	5.20	U	1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.20	U	0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	60.0		23 - 138	40%	SPK: 150
13127-88-3	Phenol-d6	40.4		10 - 134	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.6		67 - 132	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.6		52 - 132	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122		44 - 137	82%	SPK: 150
1718-51-0	Terphenyl-d14	80.7		42 - 152	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	135000	6.928			
1146-65-2	Naphthalene-d8	510000	8.204			
15067-26-2	Acenaphthene-d10	268000	9.963			
1517-22-2	Phenanthrene-d10	401000	11.451			
1719-03-5	Chrysene-d12	238000	14.098			
1520-96-3	Perylene-d12	292000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		2.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.20	AB		5.16	ug/L
000098-82-8	Benzene, (1-methylethyl)-	6.20	J		6.10	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	3.60	J		6.62	ug/L
000496-11-7	Indane	210	J		7.12	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	7.50	J		7.95	ug/L
90-12-0	1-Methylnaphthalene	4.60	J		9.02	ug/L

Raw Data: **BF143495.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-11B-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143495.D	1	08/19/25 09:29	08/20/25 20:08	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
028556-81-2	2,6-Dimethylphenyl isocyanate	3.70	J		10.2	ug/L
000061-70-1	2-Indolinone, 1-methyl-	5.60	J		10.4	ug/L
000119-61-9	Benzophenone	5.30	J		10.7	ug/L

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

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

Sample Results: **BF143495.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Quant Time: Aug 21 02:05:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

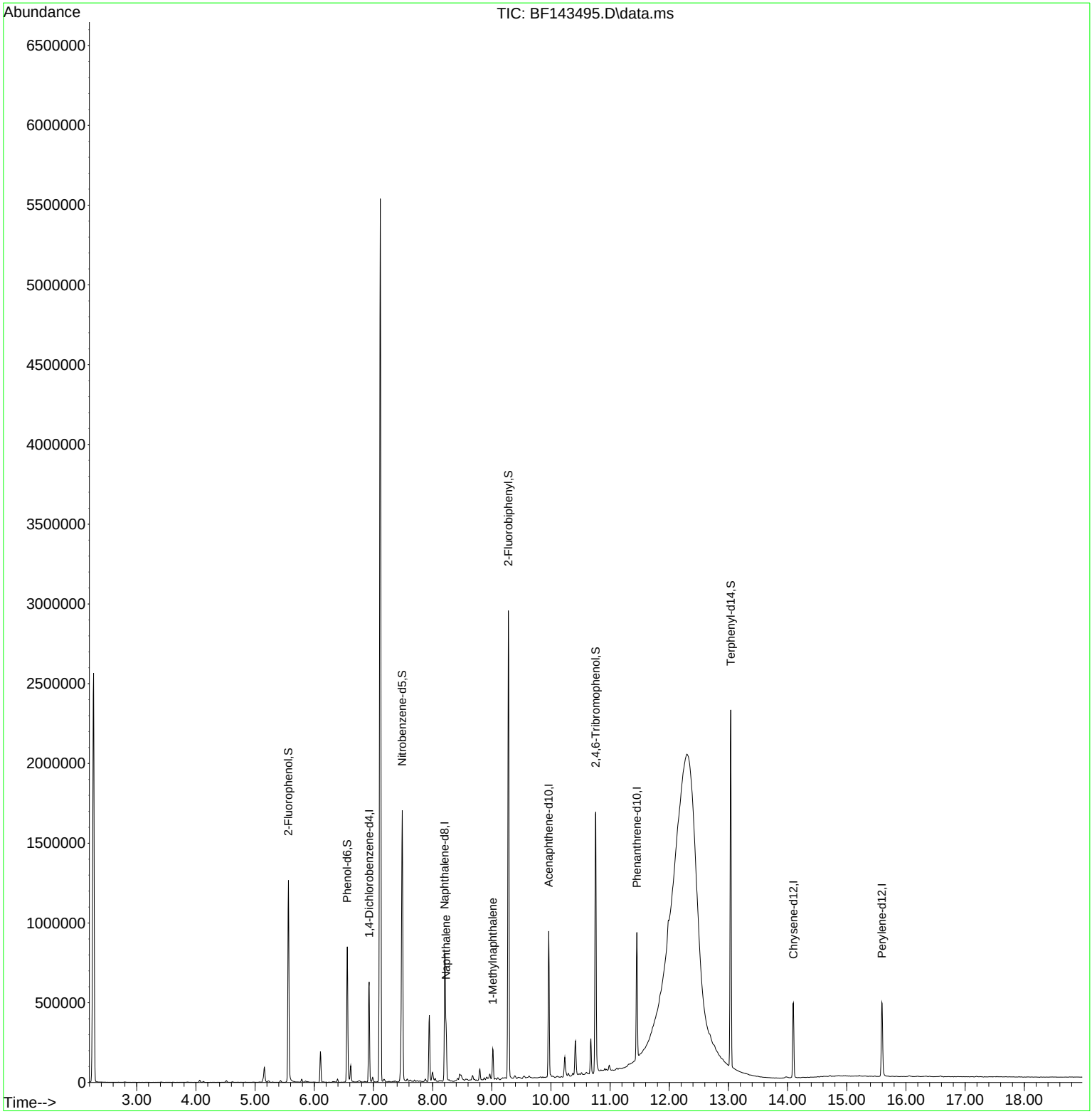
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	135207	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	510064	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	268416	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	401142	20.000	ng	0.00
76) Chrysene-d12	14.098	240	238389	20.000	ng	0.00
86) Perylene-d12	15.592	264	292027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	464555	59.996	ng	0.00
7) Phenol-d6	6.557	99	385696	40.351	ng	-0.02
23) Nitrobenzene-d5	7.486	82	747991	85.575	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	306015	122.477	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1309348	80.618	ng	0.00
79) Terphenyl-d14	13.039	244	1102840	80.729	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.227	128	199663	8.153	ng	99
38) 1-Methylnaphthalene	9.016	142	69637	4.451	ng	100

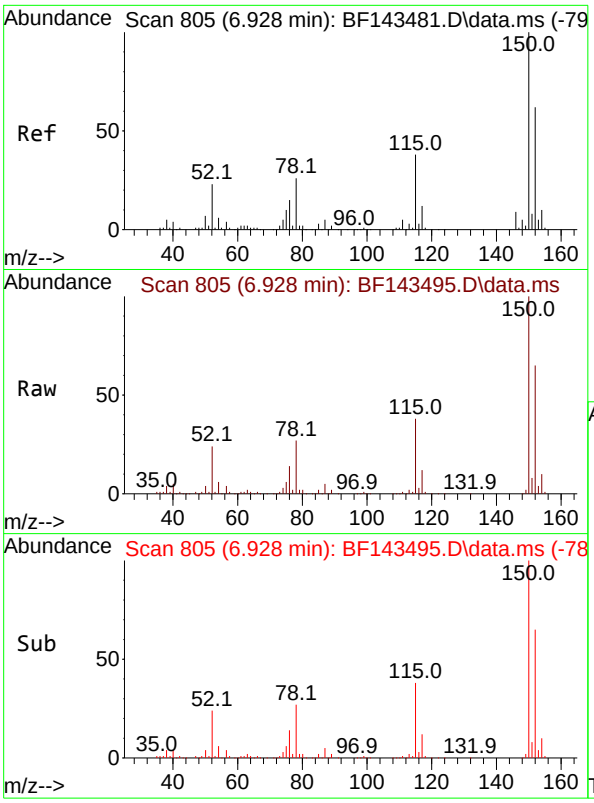
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Quant Time: Aug 21 02:05:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



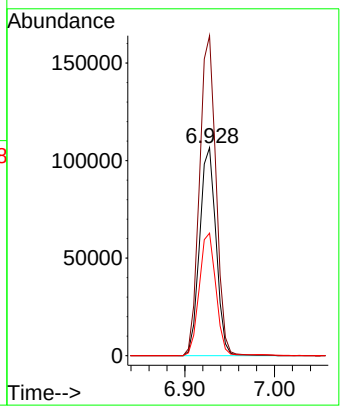


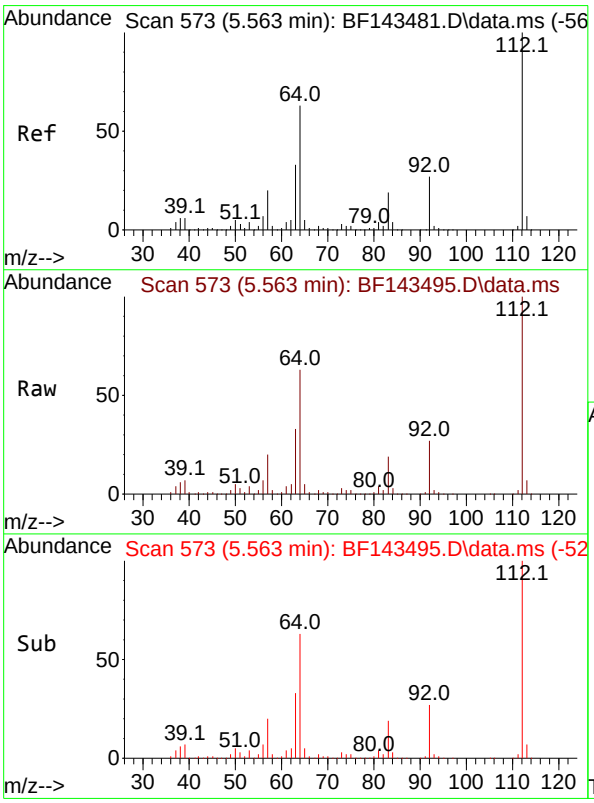
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Tgt Ion:152 Resp: 135207

Ion	Ratio	Lower	Upper
152	100		
150	153.8	128.9	193.3
115	58.9	49.2	73.8

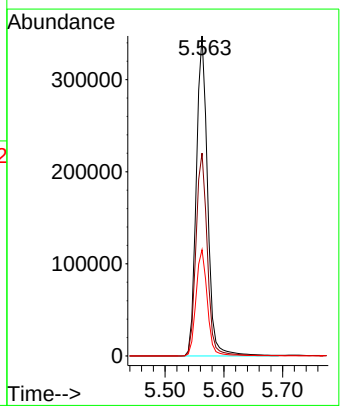


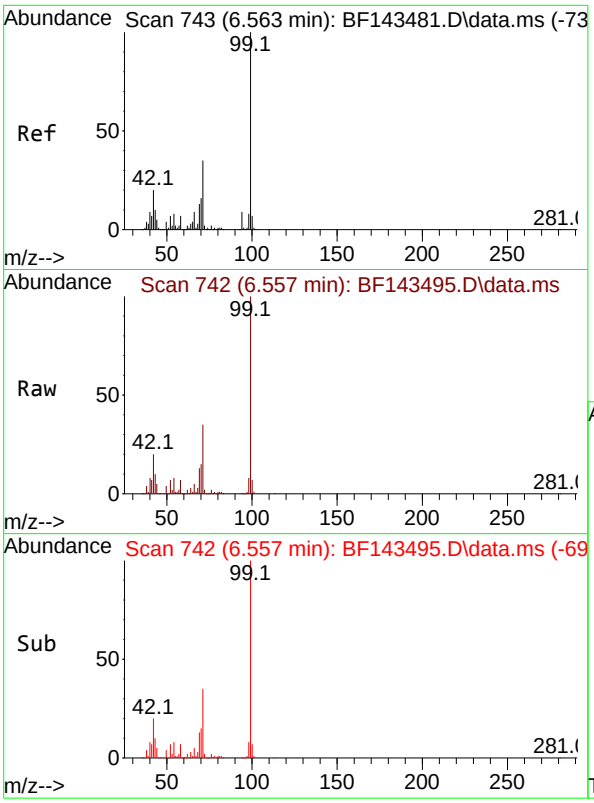


#5
2-Fluorophenol
Concen: 59.996 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Tgt Ion:112 Resp: 464555

Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.4	75.6
63	33.2	26.4	39.6



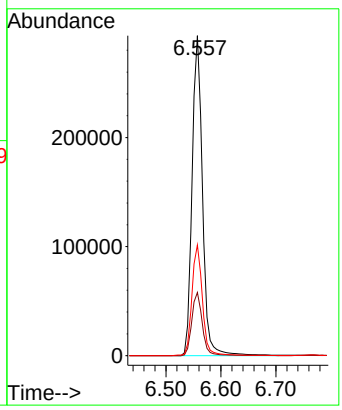


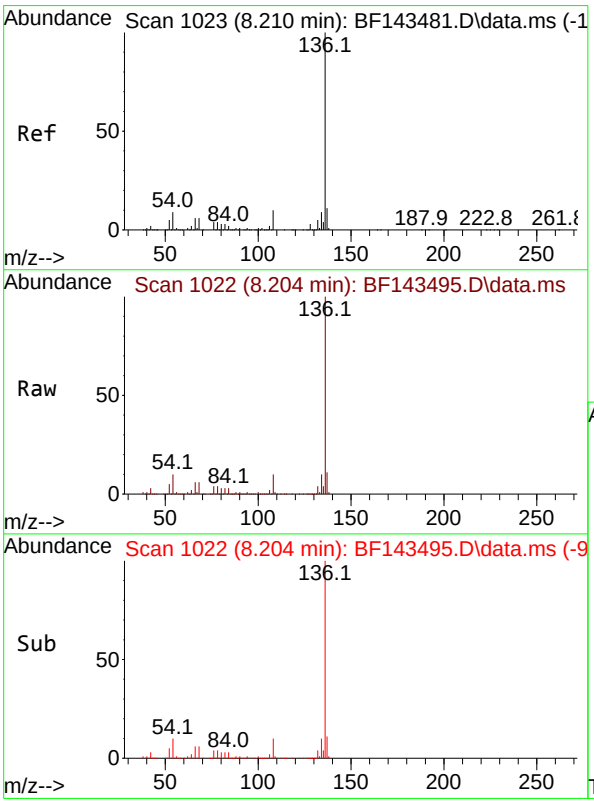
#7
Phenol-d6
Concen: 40.351 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Tgt Ion: 99 Resp: 385696

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.3	24.5
71	34.6	28.2	42.2

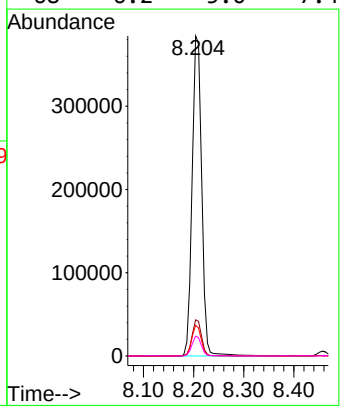


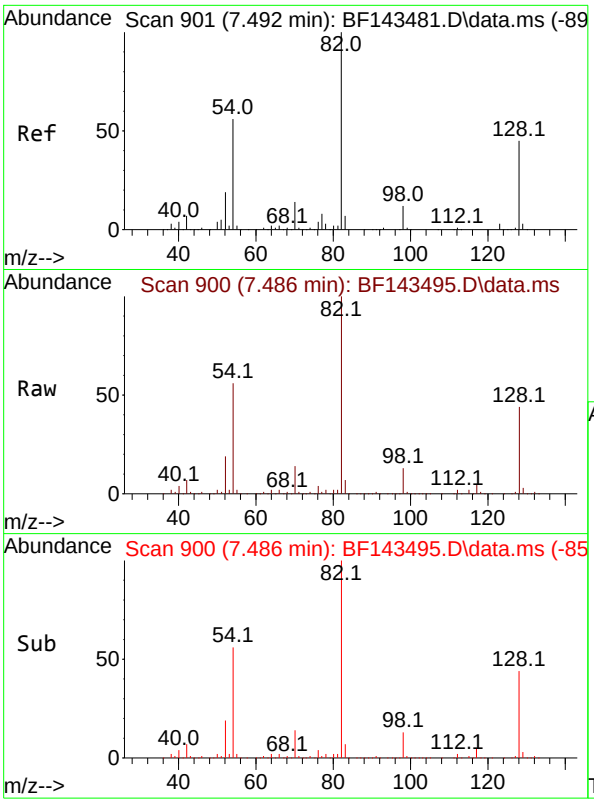


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Tgt Ion:136 Resp: 510064

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.6	7.4	11.2
68	6.2	5.0	7.4



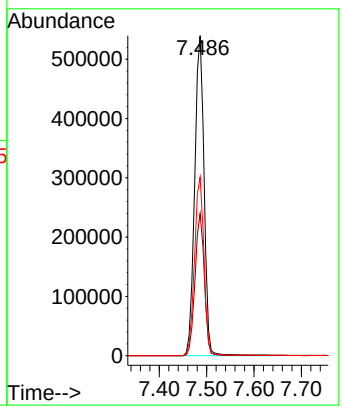


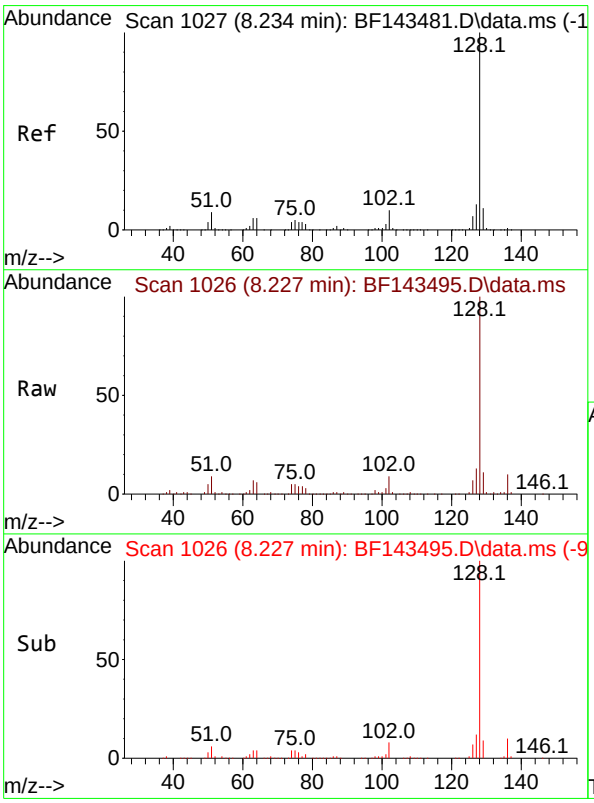
#23
Nitrobenzene-d5
Concen: 85.575 ng
RT: 7.486 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Tgt Ion: 82 Resp: 747991

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.5	53.3
54	55.8	44.3	66.5

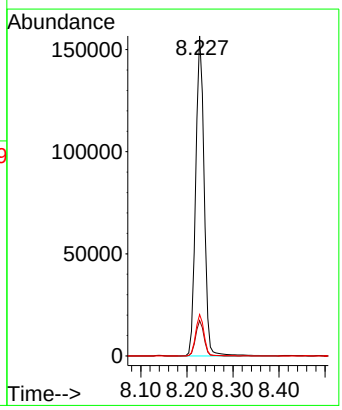


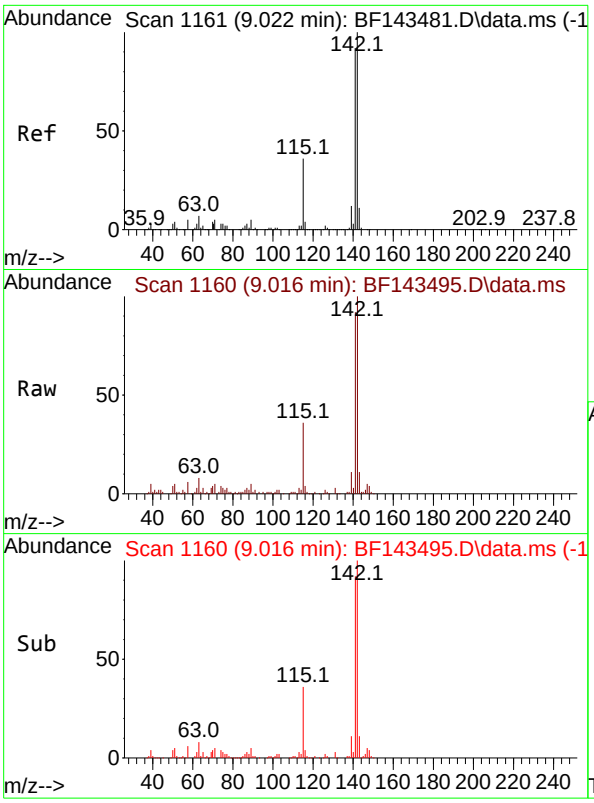


#31
Naphthalene
Concen: 8.153 ng
RT: 8.227 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Tgt Ion:128 Resp: 199663

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.9	10.6	16.0



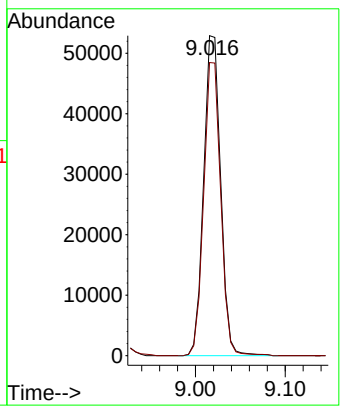


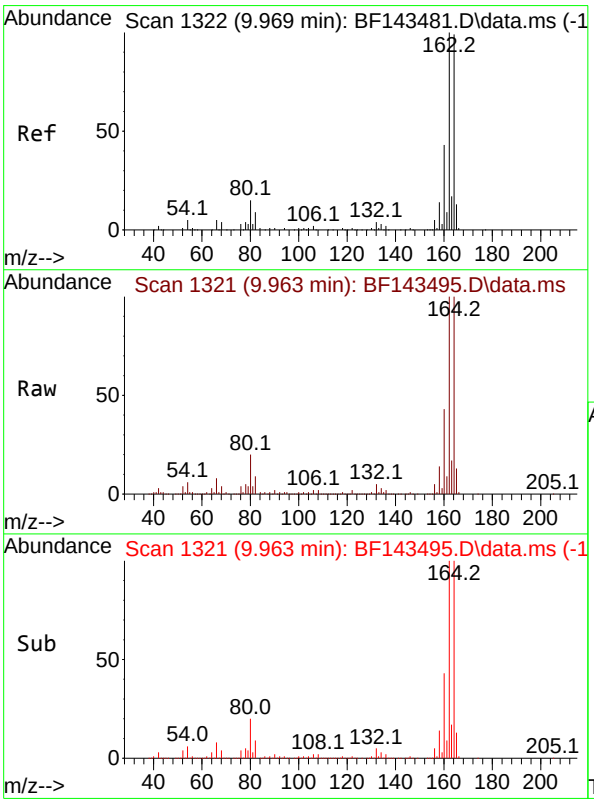
#38
1-Methylnaphthalene
Concen: 4.451 ng
RT: 9.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Tgt Ion:142 Resp: 69637

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.3	109.9

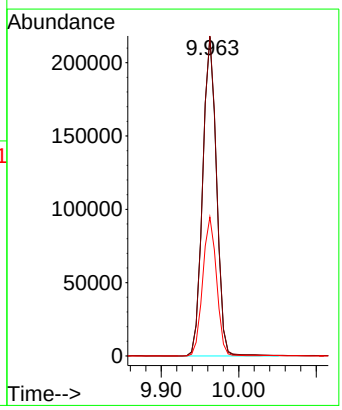


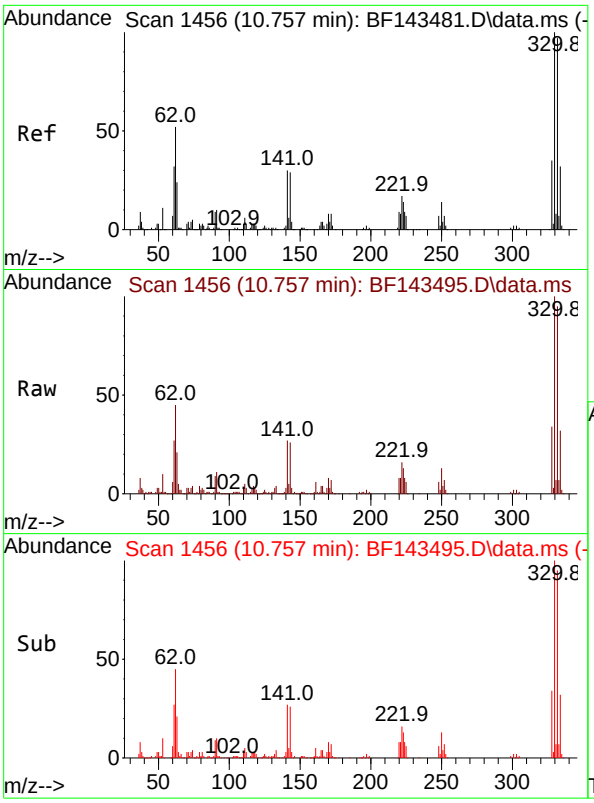


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Tgt Ion:164 Resp: 268416

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.5	120.7
160	43.6	34.3	51.5



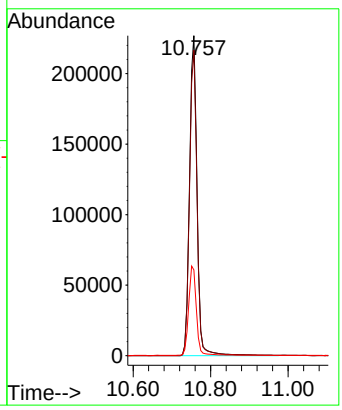


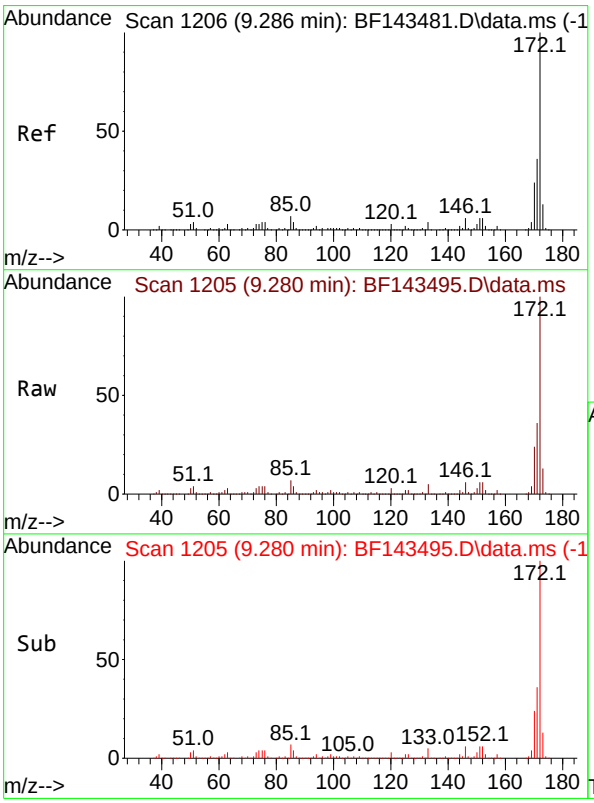
#42
2,4,6-Tribromophenol
Concen: 122.477 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Tgt Ion:330 Resp: 306015

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.0	117.0
141	28.5	23.7	35.5

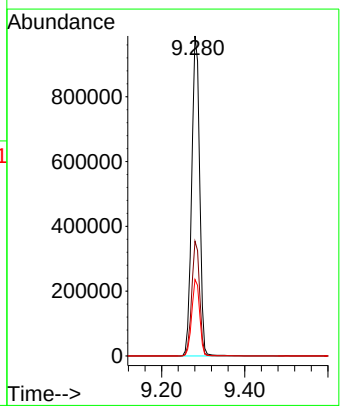


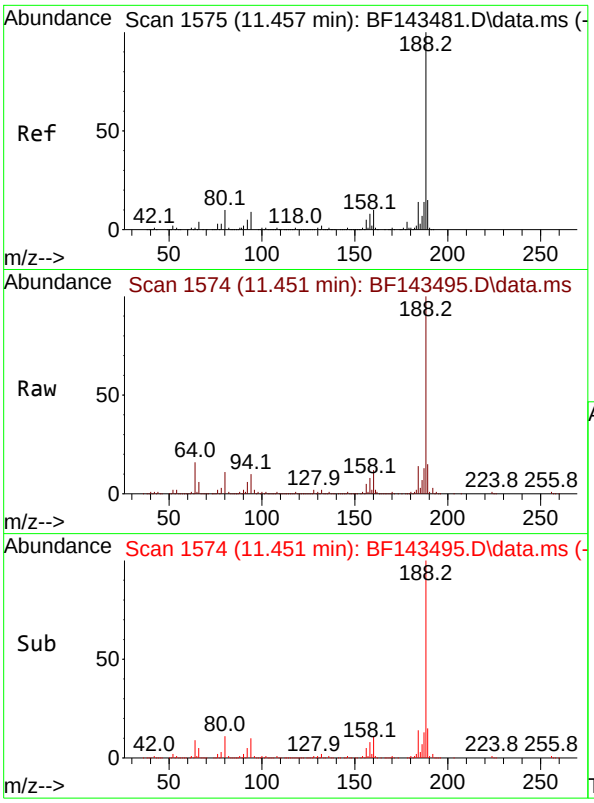


#45
2-Fluorobiphenyl
Concen: 80.618 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Tgt Ion:172 Resp: 1309348

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.9	18.8	28.2



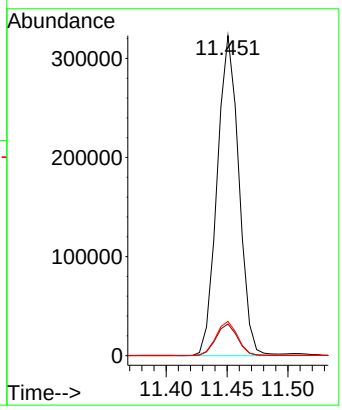


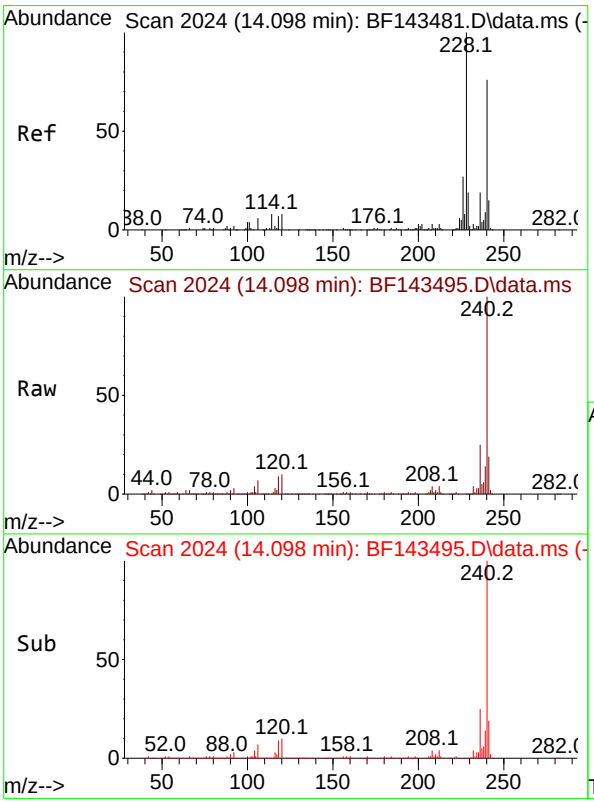
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Tgt Ion:188 Resp: 401142

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	10.7	8.2	12.4

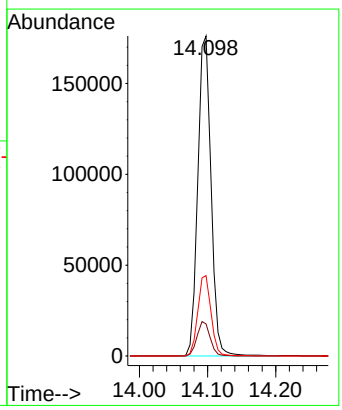


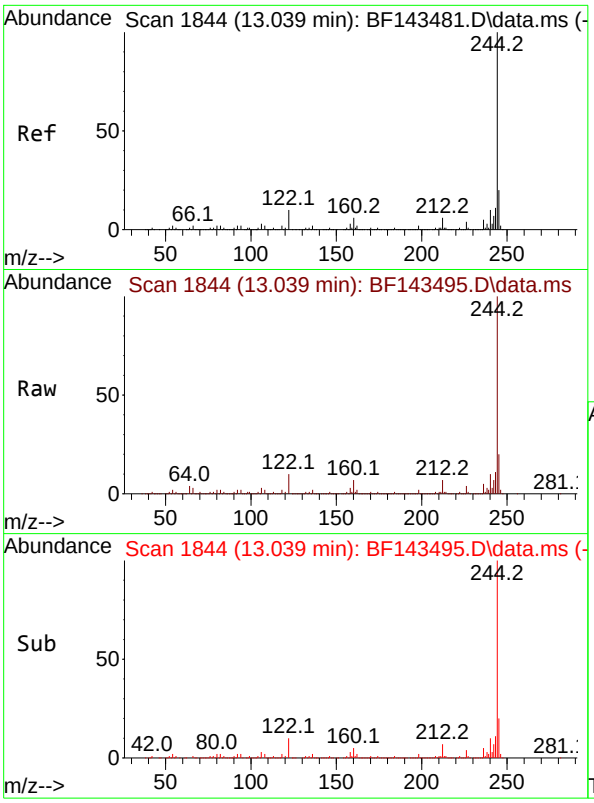


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Tgt Ion:240 Resp: 238389

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.6	12.8
236	25.1	20.4	30.6



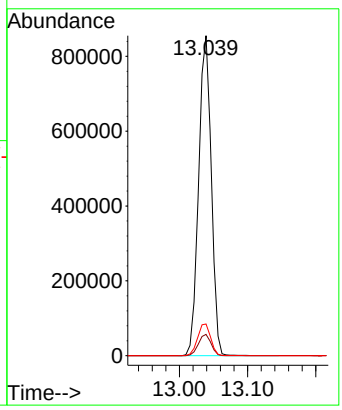


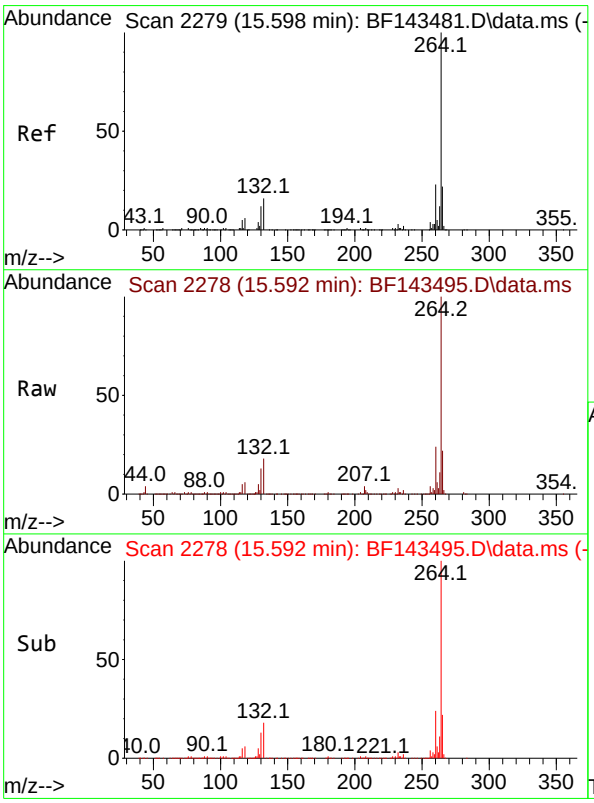
#79
Terphenyl-d14
Concen: 80.729 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Tgt Ion:244 Resp: 1102840

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	9.9	7.9	11.9

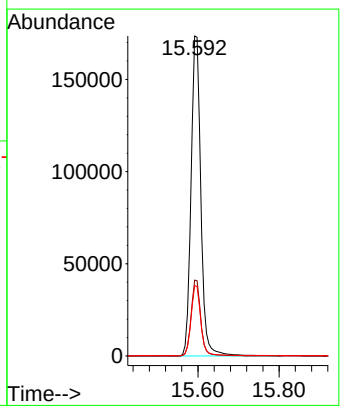




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Tgt Ion:264 Resp: 292027

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.0	17.6	26.4



Sample Results: **BF143495.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143495.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.269	4	13	20	rBV	2562173	4268892	52.19%	12.230%
2	5.157	495	504	511	rBV2	92012	161298	1.97%	0.462%
3	5.563	564	573	595	rBV	1265581	1713253	20.95%	4.908%
4	6.104	660	665	670	rBV	193171	239482	2.93%	0.686%
5	6.557	737	742	748	rBV	845157	1087729	13.30%	3.116%
6	6.616	748	752	765	rVB	101614	140619	1.72%	0.403%
7	6.928	799	805	811	rBV	626397	803628	9.82%	2.302%
8	7.116	830	837	842	rBV	5535245	8179574	100.00%	23.434%
9	7.486	885	900	910	rBV	1703391	2564878	31.36%	7.348%
10	7.945	973	978	982	rBV	414931	528594	6.46%	1.514%
11	8.204	1015	1022	1033	rBV2	800064	1468554	17.95%	4.207%
12	8.798	1118	1123	1127	rBV	70481	92698	1.13%	0.266%
13	9.016	1155	1160	1165	rVB	189836	247536	3.03%	0.709%
14	9.280	1199	1205	1210	rBV	2931766	3822873	46.74%	10.952%
15	9.963	1316	1321	1326	rBV	914515	1135693	13.88%	3.254%
16	10.233	1362	1367	1374	rBV2	122801	200464	2.45%	0.574%
17	10.416	1393	1398	1405	rBV	211126	307459	3.76%	0.881%
18	10.674	1437	1442	1448	rBV	221122	288475	3.53%	0.826%
19	10.757	1450	1456	1466	rBV	1638369	2304725	28.18%	6.603%
20	11.451	1569	1574	1579	rBV	802604	1031735	12.61%	2.956%
21	13.039	1838	1844	1849	rVB	2239218	2909005	35.56%	8.334%
22	14.098	2018	2024	2035	rVB	469159	642116	7.85%	1.840%
23	15.592	2272	2278	2297	rBV	463993	764988	9.35%	2.192%

Sum of corrected areas: 34904268

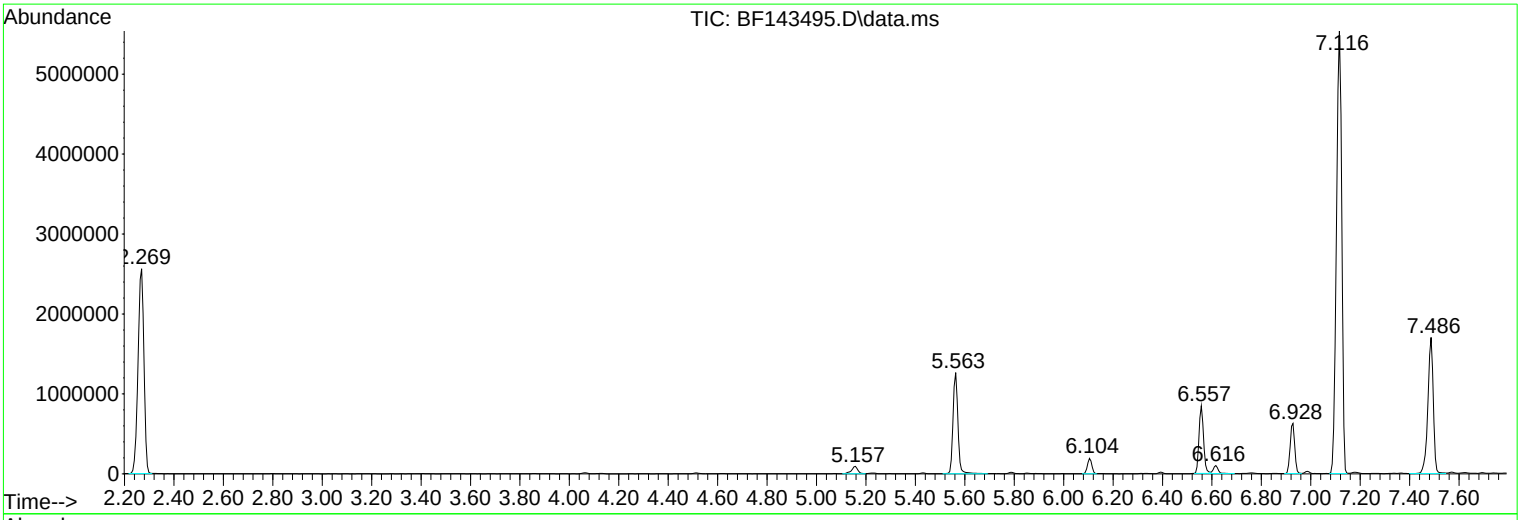
Sample Results: **BF143495.D**

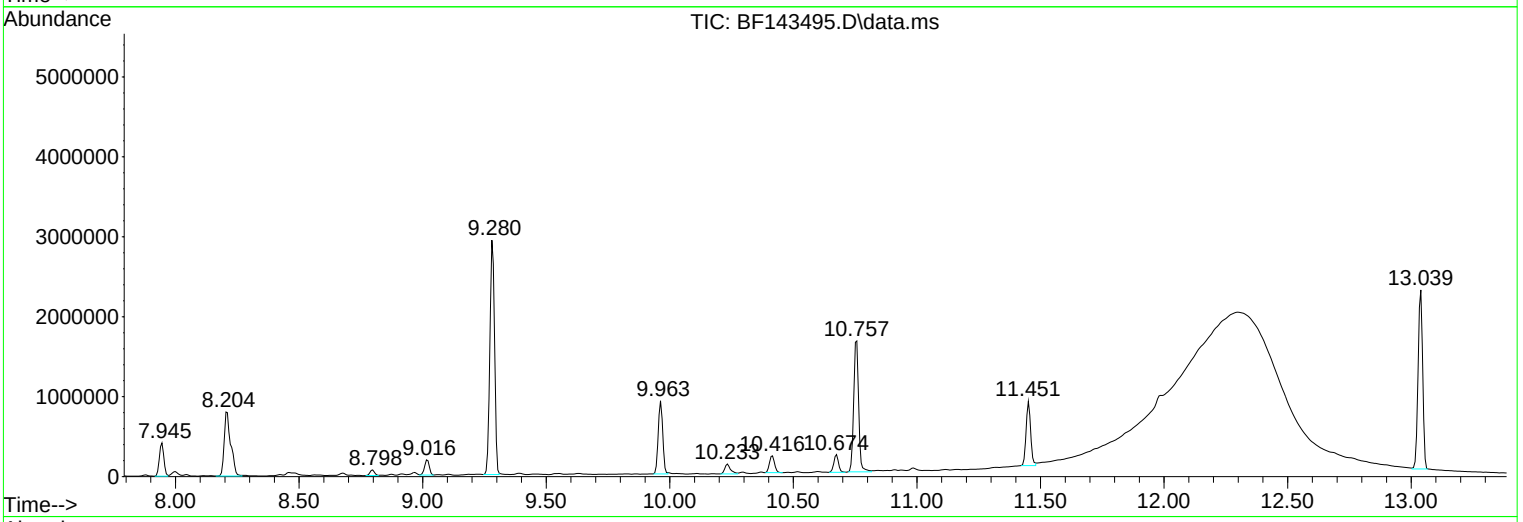
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

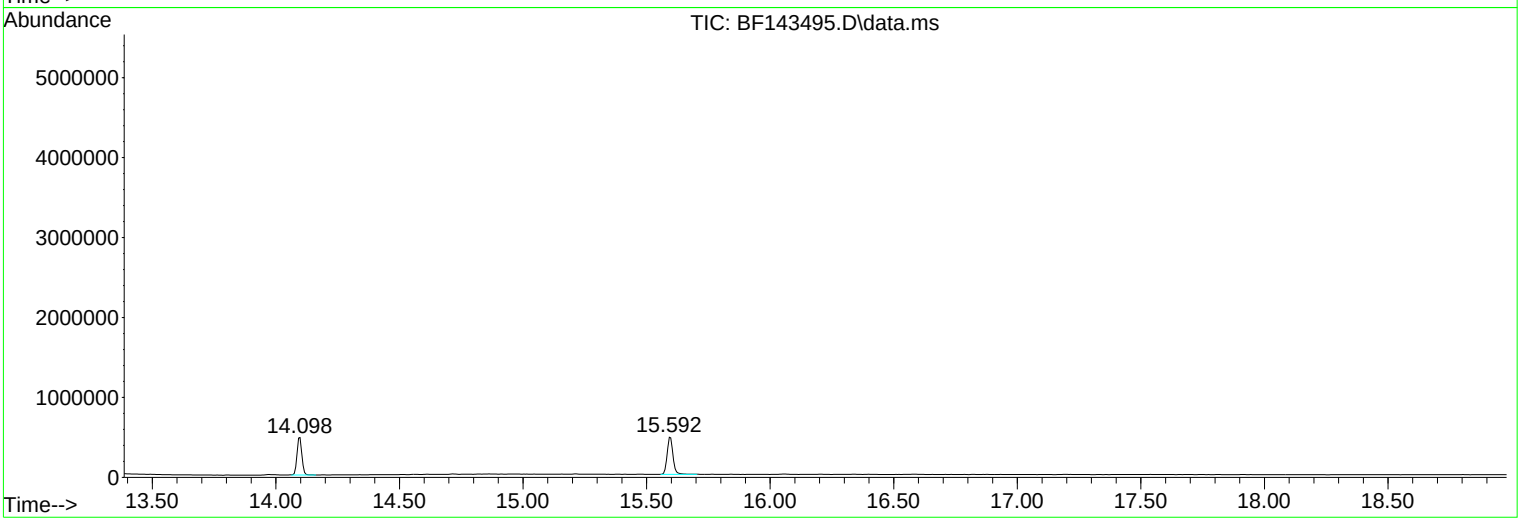
Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

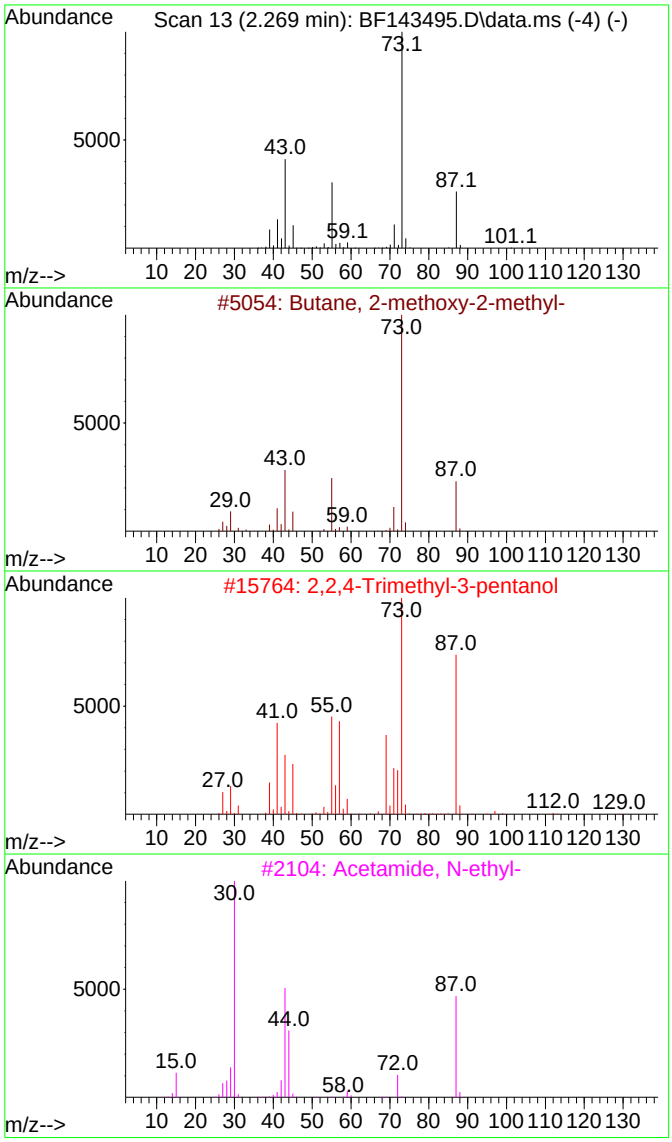
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

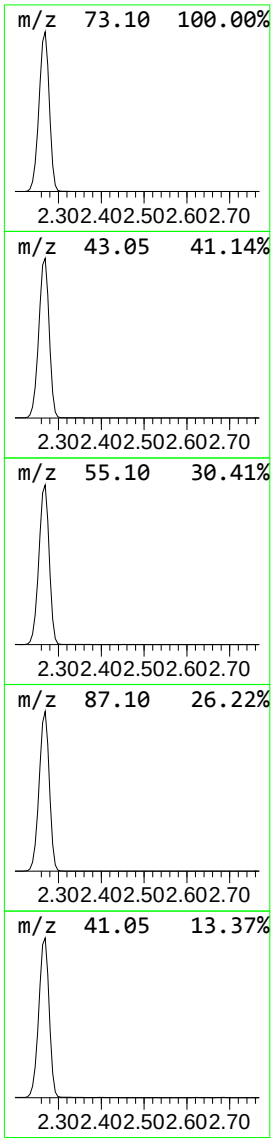
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.269	106.24 ng	4268890	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

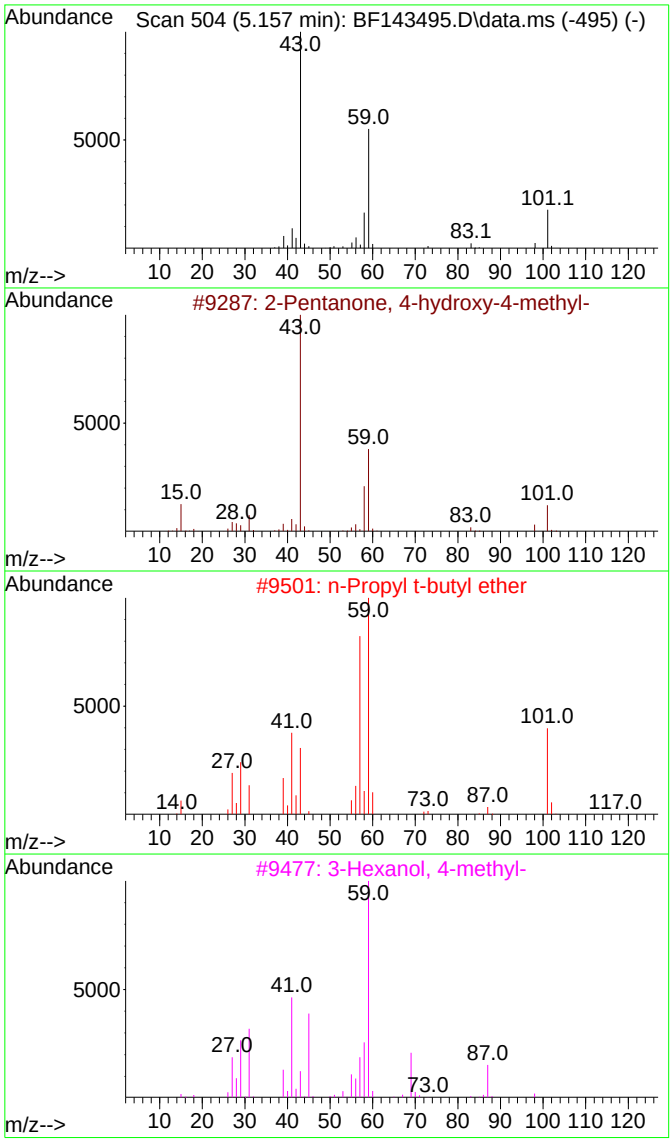
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

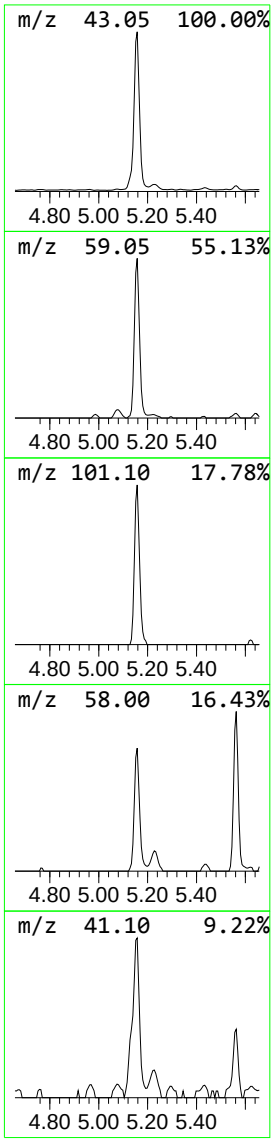
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	4.01 ng	161298	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

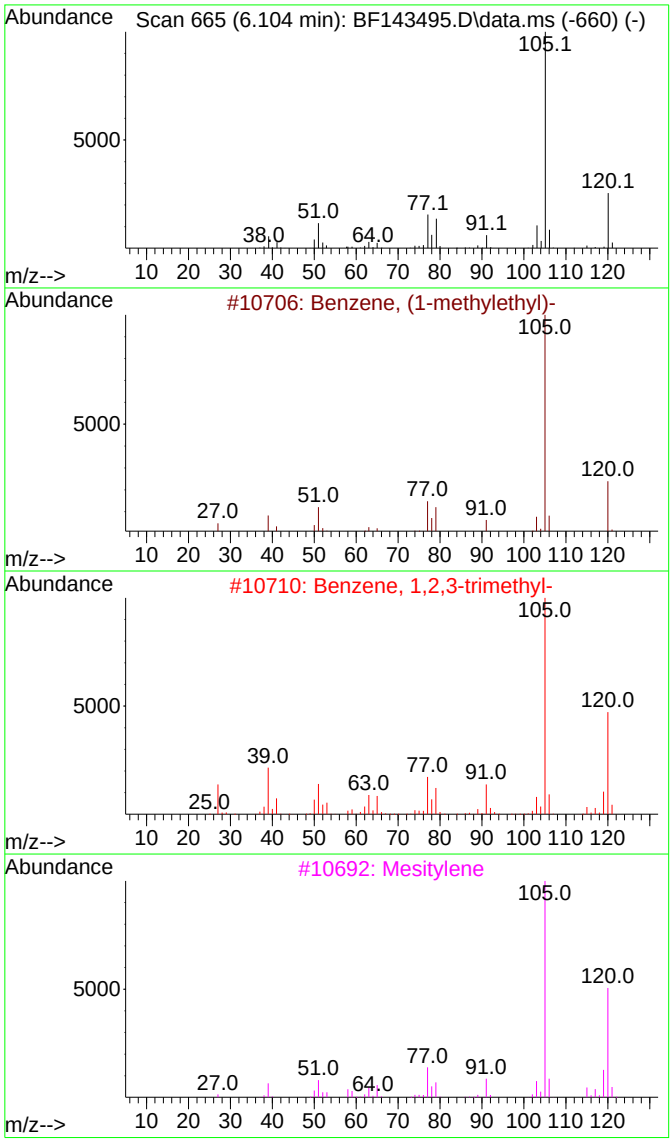
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

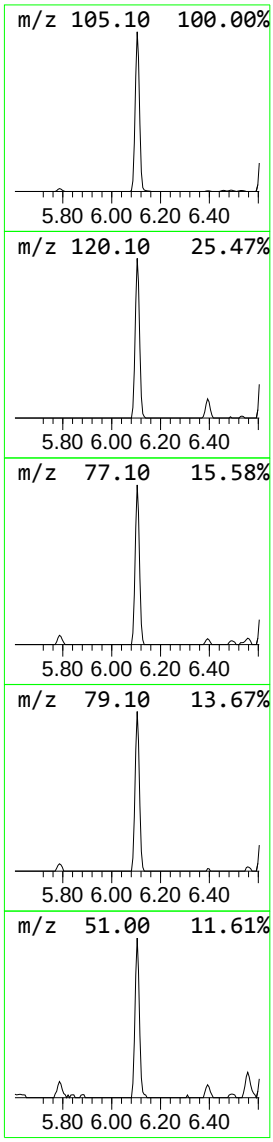
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.104	5.96 ng	239482	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	86
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

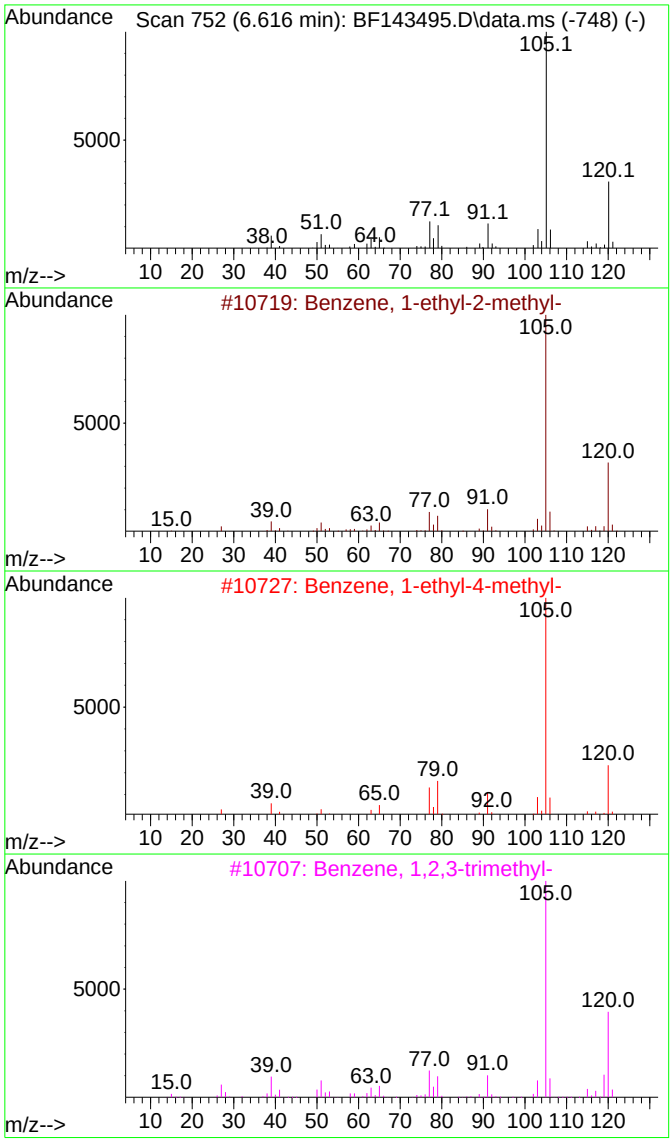
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

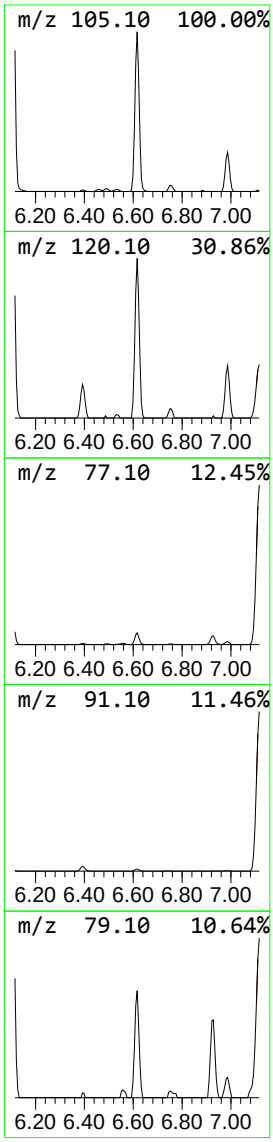
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.616	3.50 ng	140619	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

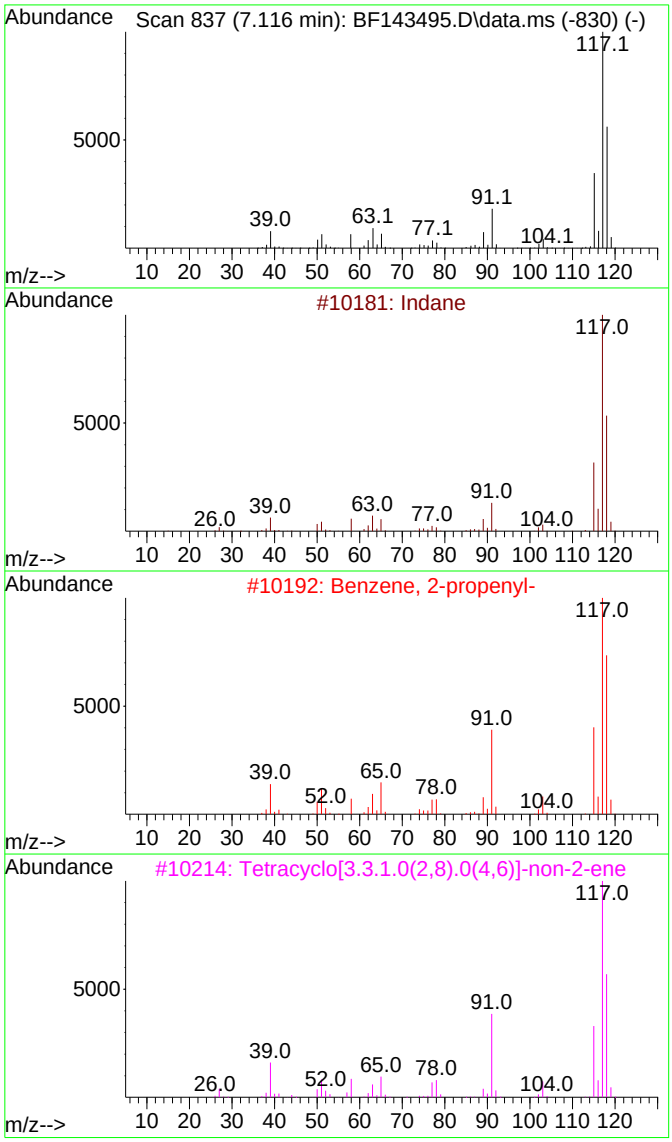
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

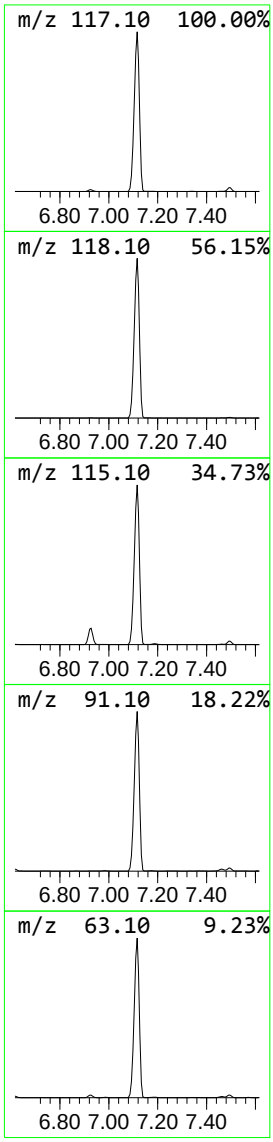
****

Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	203.57 ng	8179570	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

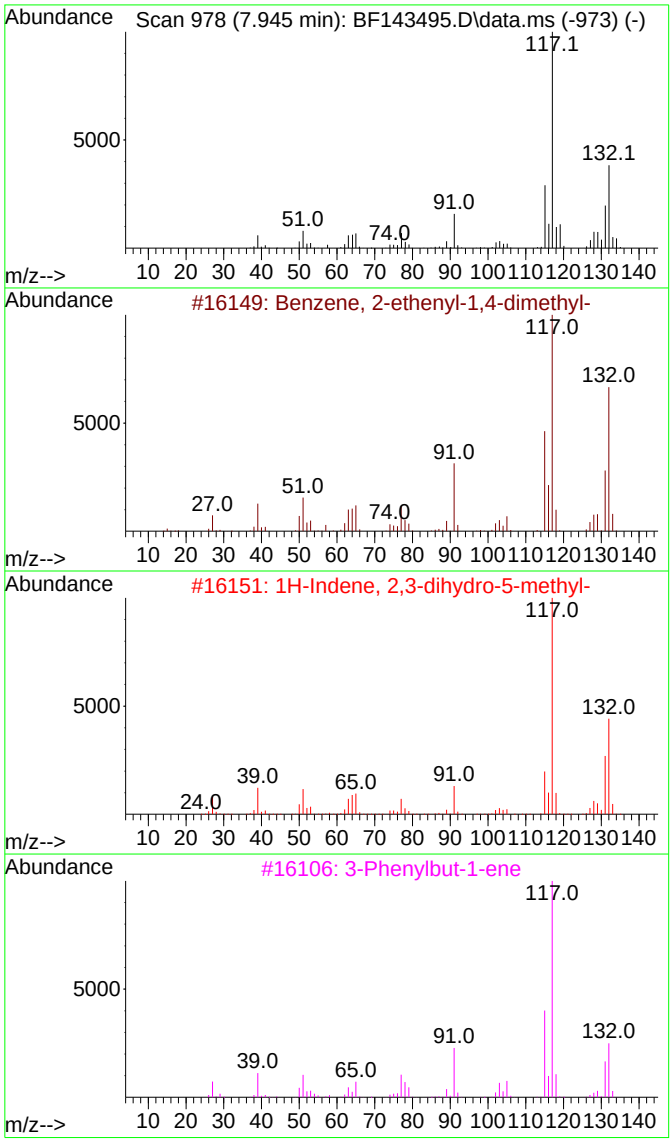
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

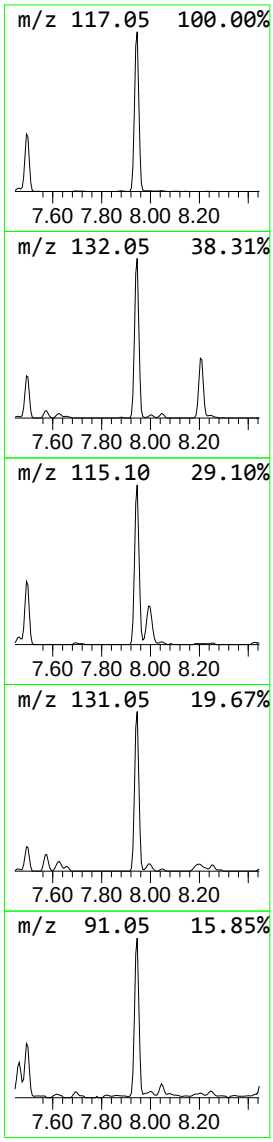
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.945	7.20 ng	528594	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

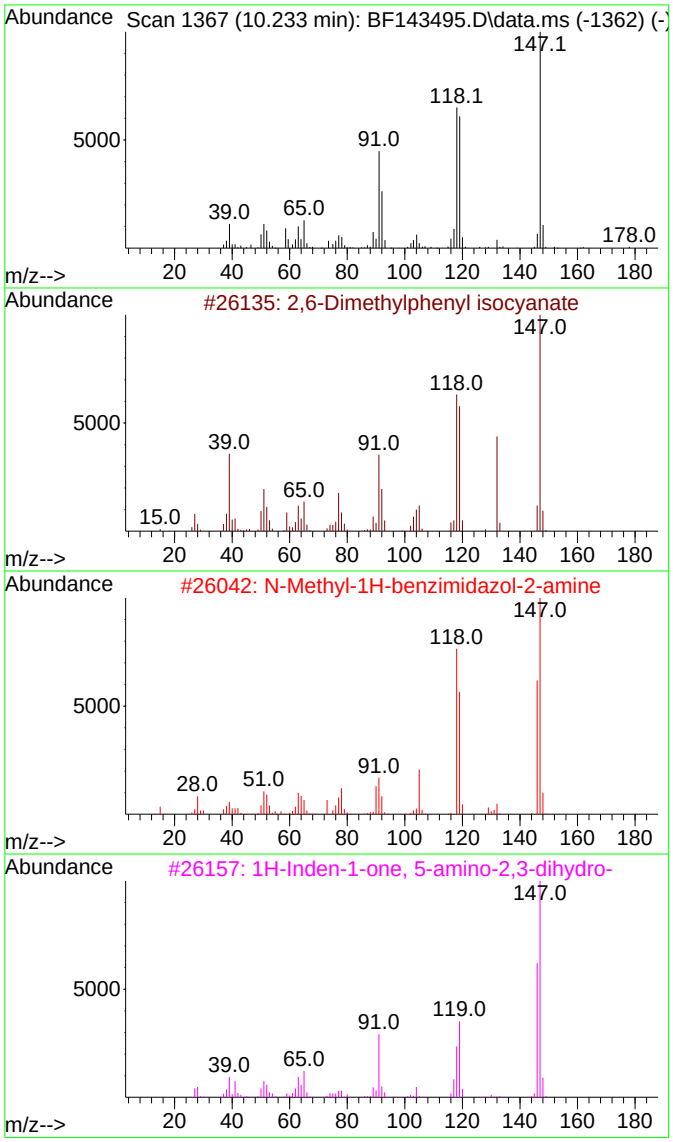
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

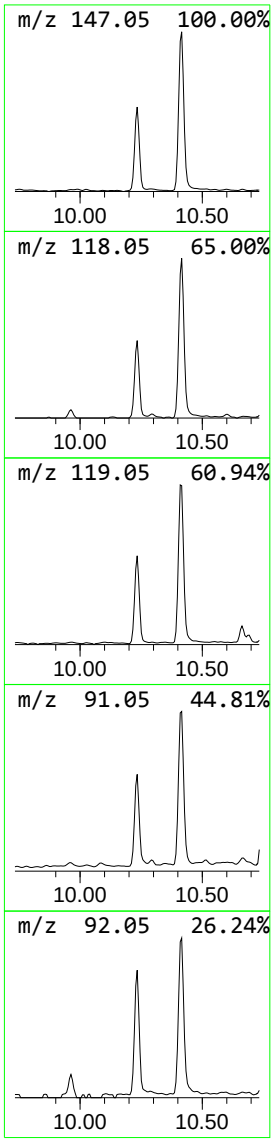
****

Peak Number 7 2,6-Dimethylphenyl isocyanate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.233	3.53 ng	200464	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	90
2	N-Methyl-1H-benzimidazol-2-amine	147	C8H9N3	017228-38-5	80
3	1H-Inden-1-one, 5-amino-2,3-dihy...	147	C9H9NO	003470-54-0	58
4	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	58
5	5-Cyanotropolone	147	C8H5NO2	003266-92-0	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

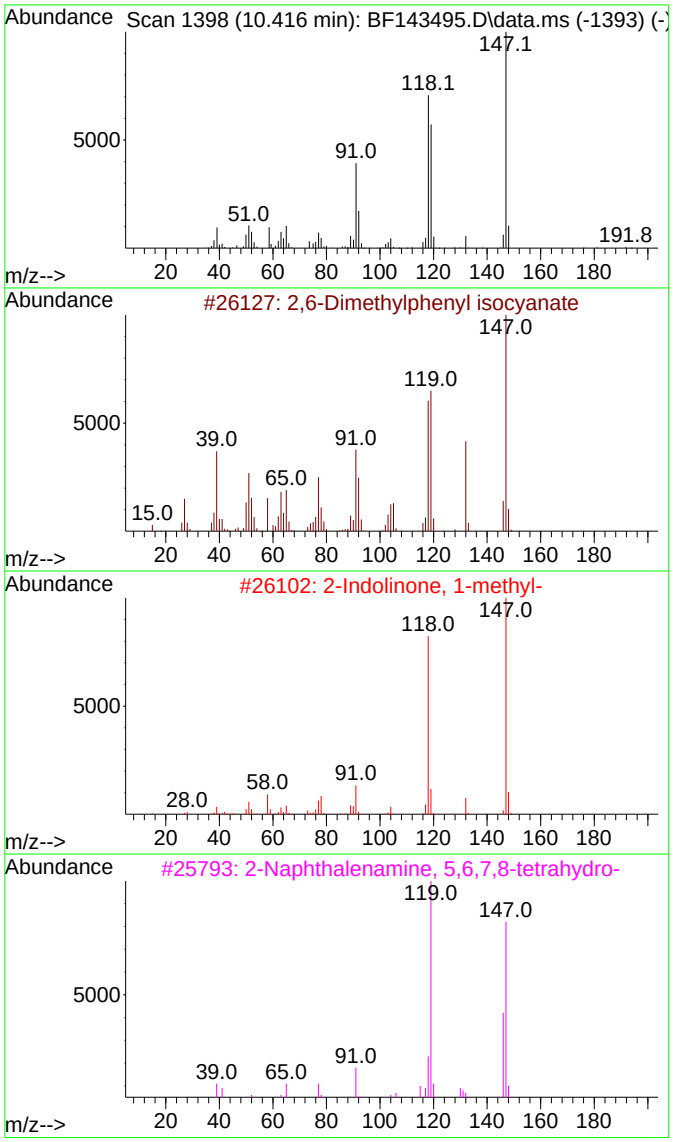
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

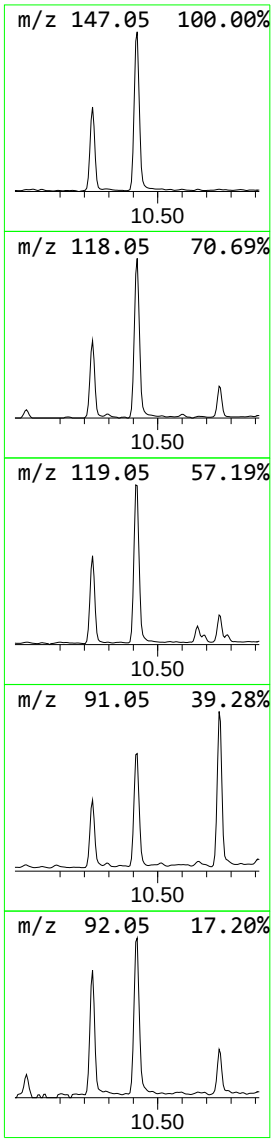
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Indolinone, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.416	5.41 ng	307459	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	86
2	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	68
3	2-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-43-8	64
4	Pyrido[3,2-d]pyrimidin-4-ol	147	C7H5N3O	037538-67-3	62
5	2,5-Dimethylbenzoxazole	147	C9H9NO	005676-58-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

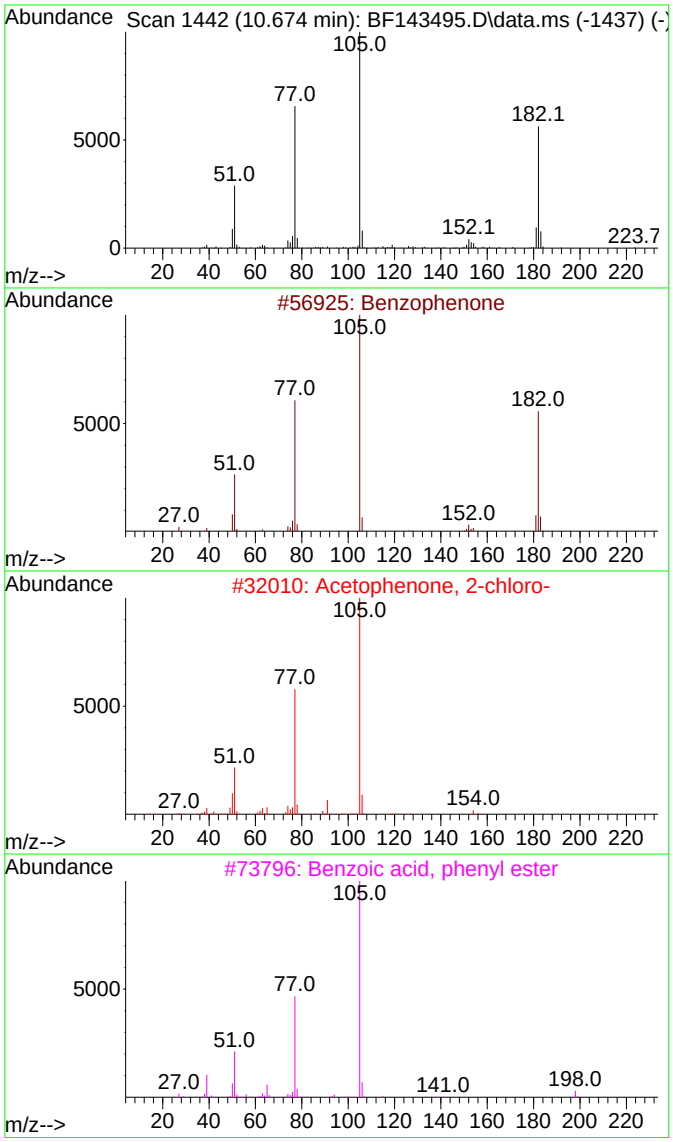
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

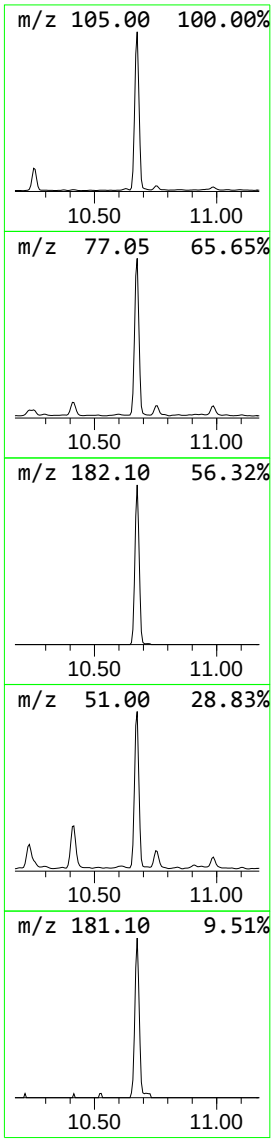
****

Peak Number 9 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.674	5.08 ng	288475	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
4	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	47
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.269	106.2	ng	4268890	1	6.928	803628	20.0
2-Pentanone, 4-...	5.157	4.0	ng	161298	1	6.928	803628	20.0
Benzene, (1-met...	6.104	6.0	ng	239482	1	6.928	803628	20.0
Benzene, 1-ethy...	6.616	3.5	ng	140619	1	6.928	803628	20.0
Indane	7.116	203.6	ng	8179570	1	6.928	803628	20.0
Benzene, 2-ethe...	7.945	7.2	ng	528594	2	8.204	1468550	20.0
2,6-Dimethylphe...	10.233	3.5	ng	200464	3	9.963	1135690	20.0
2-Indolinone, 1...	10.416	5.4	ng	307459	3	9.963	1135690	20.0
Benzophenone	10.674	5.1	ng	288475	3	9.963	1135690	20.0

CALIBRATION SUMMARY

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2900

Instrument ID: BNA_F Calibration Date(s): 08/20/2025 08/20/2025

Calibration Time(s): 10:55 14:20

LAB FILE ID: RRF2.5 = BF143477.D RRF005 = BF143478.D RRF010 = BF143479.D
RRF020 = BF143480.D RRF040 = BF143481.D RRF050 = BF143482.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.203	1.198	1.194	1.138	1.087	1.145	4.9
Benzaldehyde			1.008	0.981	1.200	1.133	1.145	14.8
Phenol-d6		1.536	1.460	1.471	1.407	1.342	1.414	5.8
Phenol		1.741	1.695	1.725	1.646	1.554	1.629	6.4
bis(2-Chloroethyl)ether		1.296	1.230	1.235	1.213	1.170	1.217	3.8
2-Chlorophenol		1.301	1.284	1.302	1.268	1.229	1.265	2.9
2-Methylphenol		1.052	1.042	1.056	1.011	0.975	1.015	3.7
2,2-oxybis(1-Chloropropane)		2.144	2.104	2.053	1.954	1.805	1.947	8.4
Acetophenone		0.489	0.464	0.459	0.418	0.402	0.432	9.0
3+4-Methylphenols			1.337	1.320	1.218	1.143	1.212	8.4
n-Nitroso-di-n-propylamine	0.922	0.943	0.912	0.879	0.844	0.800	0.864	6.9
Nitrobenzene-d5		0.354	0.345	0.357	0.344	0.335	0.343	3.2
Hexachloroethane		0.495	0.498	0.502	0.491	0.462	0.485	3.8
Nitrobenzene		0.353	0.351	0.366	0.356	0.348	0.353	2.6
Isophorone		0.666	0.630	0.644	0.621	0.608	0.628	3.4
2-Nitrophenol		0.162	0.165	0.177	0.177	0.175	0.173	3.8
2,4-Dimethylphenol		0.283	0.272	0.281	0.270	0.262	0.269	4.1
bis(2-Chloroethoxy)methane		0.409	0.399	0.401	0.386	0.371	0.386	4.7
2,4-Dichlorophenol		0.293	0.299	0.303	0.288	0.281	0.288	4.3
Naphthalene		1.069	1.009	1.014	0.943	0.907	0.960	7.6
4-Chloroaniline		0.359	0.345	0.362	0.343	0.331	0.341	4.9
Hexachlorobutadiene		0.207	0.199	0.201	0.192	0.186	0.193	5.2
Caprolactam			0.063	0.068	0.071	0.071	0.069	5.0
4-Chloro-3-methylphenol		0.303	0.292	0.303	0.287	0.280	0.288	4.3
2-Methylnaphthalene		0.716	0.684	0.684	0.633	0.600	0.641	8.6
Hexachlorocyclopentadiene			0.098	0.153	0.198	0.205	0.184	27.0
2,4,6-Trichlorophenol		0.338	0.347	0.364	0.364	0.351	0.352	3.2
2-Fluorobiphenyl		1.445	1.336	1.323	1.156	1.106	1.210	13.2
2,4,5-Trichlorophenol		0.391	0.376	0.413	0.382	0.377	0.385	3.9
1,1-Biphenyl		1.582	1.505	1.519	1.399	1.335	1.420	8.4
2-Chloronaphthalene		1.222	1.165	1.172	1.105	1.056	1.114	6.8
2-Nitroaniline		0.314	0.313	0.338	0.337	0.329	0.326	3.2
Dimethylphthalate		1.293	1.219	1.252	1.201	1.159	1.205	4.6
Acenaphthylene		1.747	1.663	1.687	1.580	1.516	1.595	6.9

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2900

Instrument ID: BNA_F Calibration Date(s): 08/20/2025 08/20/2025

Calibration Time(s): 10:55 14:20

LAB FILE ID: RRF2.5 = BF143477.D RRF005 = BF143478.D RRF010 = BF143479.D
RRF020 = BF143480.D RRF040 = BF143481.D RRF050 = BF143482.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.224	0.237	0.259	0.259	0.260	0.250	5.6
3-Nitroaniline		0.260	0.257	0.280	0.278	0.273	0.270	3.2
Acenaphthene		1.170	1.131	1.137	1.076	1.037	1.083	6.1
2,4-Dinitrophenol			0.072	0.099	0.120	0.132	0.115	21.9
4-Nitrophenol			0.115	0.147	0.171	0.177	0.161	15.8
Dibenzofuran		1.717	1.625	1.647	1.523	1.461	1.544	7.9
2,4-Dinitrotoluene		0.292	0.318	0.349	0.351	0.344	0.333	6.4
Diethylphthalate		1.172	1.097	1.110	1.084	1.053	1.080	5.0
4-Chlorophenyl-phenylether		0.671	0.624	0.628	0.585	0.558	0.594	8.3
Fluorene		1.367	1.286	1.270	1.158	1.111	1.188	10.2
4-Nitroaniline		0.230	0.237	0.258	0.257	0.255	0.248	4.3
4,6-Dinitro-2-methylphenol			0.085	0.103	0.119	0.120	0.113	14.0
n-Nitrosodiphenylamine		0.684	0.661	0.679	0.641	0.615	0.644	5.3
2,4,6-Tribromophenol		0.191	0.188	0.194	0.188	0.181	0.186	3.1
4-Bromophenyl-phenylether		0.243	0.240	0.250	0.241	0.230	0.239	3.3
Hexachlorobenzene		0.266	0.262	0.267	0.257	0.248	0.257	3.5
Atrazine		0.154	0.156	0.164	0.168	0.171	0.166	5.1
Pentachlorophenol			0.088	0.106	0.124	0.127	0.118	14.5
Phenanthrene		1.188	1.123	1.130	1.039	1.015	1.071	7.2
Anthracene		1.191	1.144	1.148	1.074	1.022	1.085	7.2
Carbazole		0.949	0.925	0.932	0.882	0.849	0.889	5.3
Di-n-butylphthalate		0.782	0.800	0.830	0.850	0.833	0.829	3.5
Fluoranthene		1.061	1.020	1.002	0.946	0.914	0.961	7.2
Pyrene		1.891	1.768	1.793	1.635	1.590	1.645	11.6
Terphenyl-d14		1.341	1.255	1.248	1.130	1.094	1.146	12.9
Butylbenzylphthalate		0.380	0.402	0.443	0.467	0.461	0.449	10.1
3,3-Dichlorobenzidine			0.353	0.386	0.373	0.354	0.369	3.6
Benzo(a)anthracene		1.302	1.274	1.300	1.318	1.266	1.288	2.3
Chrysene		1.251	1.195	1.213	1.113	1.089	1.157	5.3
Bis(2-ethylhexyl)phthalate		0.600	0.626	0.699	0.710	0.690	0.685	8.1
Di-n-octyl phthalate			1.129	1.289	1.298	1.251	1.268	7.4
Benzo(b)fluoranthene		1.135	1.147	1.182	1.074	1.058	1.112	4.2
Benzo(k)fluoranthene		1.157	1.014	1.056	1.081	1.034	1.064	5.1
Benzo(a)pyrene		1.033	1.021	1.074	1.032	1.010	1.032	2.1
Indeno(1,2,3-cd)pyrene		1.425	1.433	1.565	1.449	1.427	1.437	5.5

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2900

Instrument ID: BNA_F Calibration Date(s): 08/20/2025 08/20/2025

Calibration Time(s): 10:55 14:20

LAB FILE ID: RRF2.5 = BF143477.D RRF005 = BF143478.D RRF010 = BF143479.D
RRF020 = BF143480.D RRF040 = BF143481.D RRF050 = BF143482.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.139	1.164	1.260	1.162	1.142	1.151	6.0
Benzo(g,h,i)perylene		1.128	1.129	1.242	1.156	1.145	1.145	5.3
1,2,4,5-Tetrachlorobenzene		0.629	0.584	0.613	0.565	0.544	0.572	6.9
1,4-Dioxane		0.528	0.529	0.539	0.536	0.519	0.531	1.6
2,3,4,6-Tetrachlorophenol		0.261	0.264	0.299	0.297	0.294	0.286	5.6

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 21 06:12:21 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143477.D 5 =BF143478.D 10 =BF143479.D 20 =BF143480.D 40 =BF143481.D 50 =BF143482.D 60 =BF143483.D 80 =BF1434
84.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.528	0.529	0.539	0.536	0.519	0.542	0.522	0.531	1.62
3)		Pyridine		1.339	1.392	1.435	1.438	1.389	1.477	1.421	1.413	3.13
4)		n-Nitrosodimet...			0.604	0.619	0.641	0.633	0.666	0.648	0.635	3.44
5)	S	2-Fluorophenol		1.203	1.198	1.194	1.138	1.087	1.137	1.061	1.145	4.92
6)		Aniline		2.034	1.969	1.959	1.890	1.800	1.864	1.714	1.890	5.78
7)	S	Phenol-d6		1.536	1.460	1.471	1.407	1.342	1.384	1.299	1.414	5.76
8)		2-Chlorophenol		1.301	1.284	1.302	1.268	1.229	1.270	1.202	1.265	2.94
9)		Benzaldehyde			1.008	0.981	1.200	1.133	1.402		1.145	14.80
10)	C	Phenol		1.741	1.695	1.725	1.646	1.554	1.593	1.449	1.629	6.43
11)		bis(2-Chloroet...		1.296	1.230	1.235	1.213	1.170	1.221	1.156	1.217	3.78
12)		1,3-Dichlorobe...		1.558	1.451	1.466	1.414	1.345	1.399	1.317	1.421	5.65
13)	C	1,4-Dichlorobe...		1.531	1.487	1.483	1.411	1.355	1.409	1.304	1.426	5.62
14)		1,2-Dichlorobe...		1.448	1.413	1.386	1.348	1.289	1.333	1.233	1.350	5.45
15)		Benzyl Alcohol			1.037	1.063	1.083	1.040	1.088	1.041	1.059	2.14
16)		2,2'-oxybis(1-...		2.144	2.104	2.053	1.954	1.805	1.868	1.703	1.947	8.40
17)		2-Methylphenol		1.052	1.042	1.056	1.011	0.975	1.011	0.960	1.015	3.67
18)		Hexachloroethane		0.495	0.498	0.502	0.491	0.462	0.489	0.456	0.485	3.79
19)	P	n-Nitroso-di-n...	0.922	0.943	0.912	0.879	0.844	0.800	0.832	0.781	0.864	6.86
20)		3+4-Methylphenols			1.337	1.320	1.218	1.143	1.178	1.076	1.212	8.40
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.489	0.464	0.459	0.418	0.402	0.410	0.382	0.432	8.99
23)	S	Nitrobenzene-d5		0.354	0.345	0.357	0.344	0.335	0.340	0.325	0.343	3.18
24)		Nitrobenzene		0.353	0.351	0.366	0.356	0.348	0.358	0.337	0.353	2.55
25)		Isophorone		0.666	0.630	0.644	0.621	0.608	0.625	0.603	0.628	3.41
26)	C	2-Nitrophenol		0.162	0.165	0.177	0.177	0.175	0.180	0.173	0.173	3.76
27)		2,4-Dimethylph...		0.283	0.272	0.281	0.270	0.262	0.265	0.251	0.269	4.11
28)		bis(2-Chloroet...		0.409	0.399	0.401	0.386	0.371	0.379	0.357	0.386	4.74
29)	C	2,4-Dichloroph...		0.293	0.299	0.303	0.288	0.281	0.283	0.266	0.288	4.30
30)		1,2,4-Trichlor...		0.318	0.300	0.314	0.292	0.282	0.291	0.274	0.296	5.46
31)		Naphthalene		1.069	1.009	1.014	0.943	0.907	0.921	0.859	0.960	7.58
32)		Benzoic acid			0.086	0.116	0.145	0.153	0.163	0.160	0.137	21.97
33)		4-Chloroaniline		0.359	0.345	0.362	0.343	0.331	0.330	0.315	0.341	4.87
34)	C	Hexachlorobuta...		0.207	0.199	0.201	0.192	0.186	0.190	0.177	0.193	5.21
35)		Caprolactam			0.063	0.068	0.071	0.071	0.070	0.072	0.069	4.96
36)	C	4-Chloro-3-met...		0.303	0.292	0.303	0.287	0.280	0.284	0.269	0.288	4.25
37)		2-Methylnaphth...		0.716	0.684	0.684	0.633	0.600	0.610	0.562	0.641	8.62
38)		1-Methylnaphth...		0.692	0.651	0.650	0.603	0.577	0.581	0.540	0.613	8.62

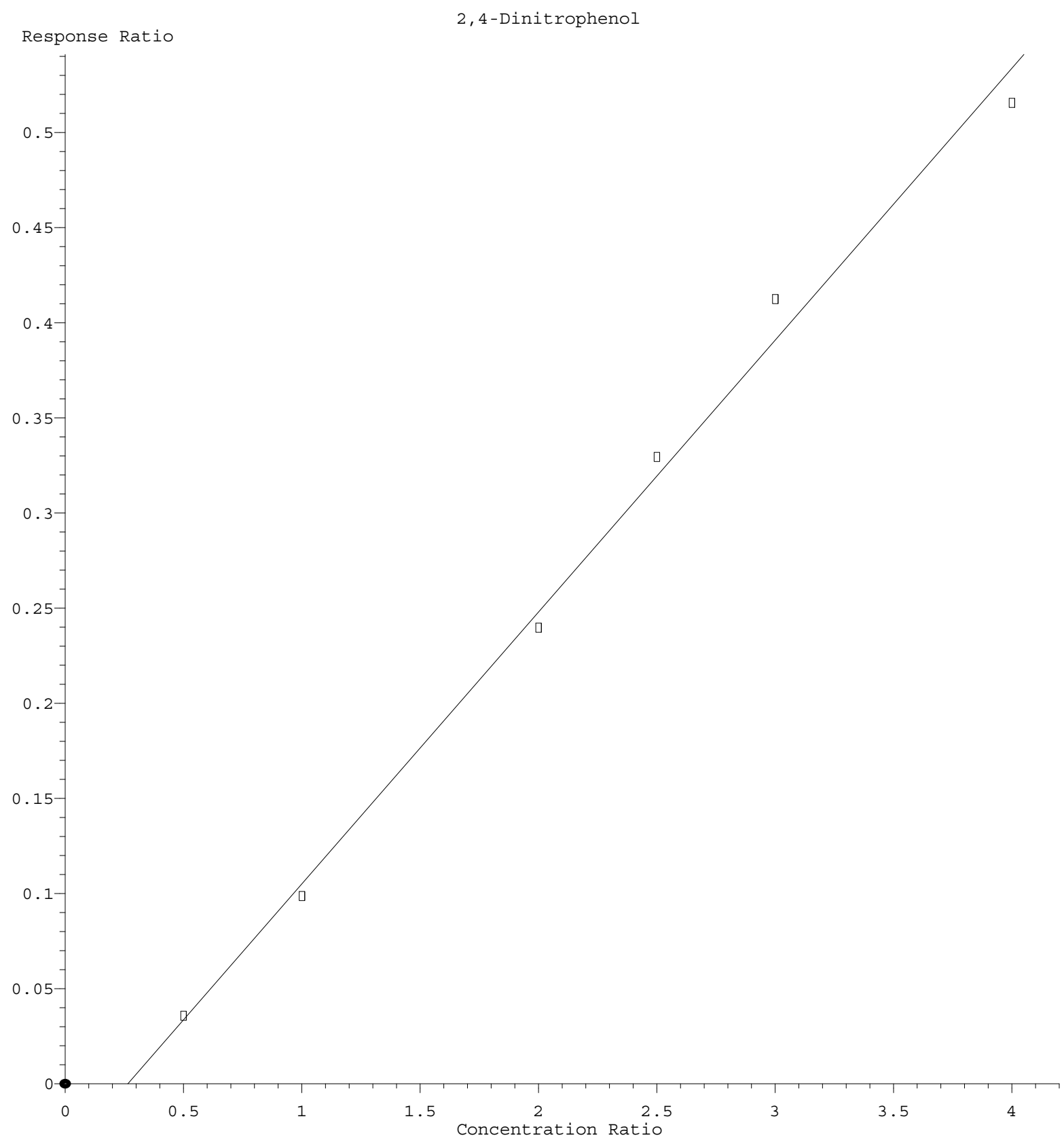
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.629	0.584	0.613	0.565	0.544	0.552	0.517	0.572	6.88
41)	P	Hexachlorocycl...		0.098	0.153	0.198	0.205	0.226	0.222	0.184	26.99
42)	S	2,4,6-Tribromo...	0.191	0.188	0.194	0.188	0.181	0.184	0.177	0.186	3.12
43)	C	2,4,6-Trichlor...	0.338	0.347	0.364	0.364	0.351	0.360	0.339	0.352	3.18
44)		2,4,5-Trichlor...	0.391	0.376	0.413	0.382	0.377	0.387	0.365	0.385	3.94
45)	S	2-Fluorobiphenyl	1.445	1.336	1.323	1.156	1.106	1.106	0.999	1.210	13.20
46)		1,1'-Biphenyl	1.582	1.505	1.519	1.399	1.335	1.349	1.247	1.420	8.43
47)		2-Chloronaphth...	1.222	1.165	1.172	1.105	1.056	1.068	1.008	1.114	6.77
48)		2-Nitroaniline	0.314	0.313	0.338	0.337	0.329	0.331	0.320	0.326	3.19
49)		Acenaphthylene	1.747	1.663	1.687	1.580	1.516	1.533	1.437	1.595	6.85
50)		Dimethylphthalate	1.293	1.219	1.252	1.201	1.159	1.175	1.133	1.205	4.58
51)		2,6-Dinitrotol...	0.224	0.237	0.259	0.259	0.260	0.257	0.251	0.250	5.63
52)	C	Acenaphthene	1.170	1.131	1.137	1.076	1.037	1.044	0.985	1.083	6.07
53)		3-Nitroaniline	0.260	0.257	0.280	0.278	0.273	0.271	0.269	0.270	3.21
54)	P	2,4-Dinitrophenol		0.072	0.099	0.120	0.132	0.137	0.129	0.115	21.92
55)		Dibenzofuran	1.717	1.625	1.647	1.523	1.461	1.453	1.381	1.544	7.91
56)	P	4-Nitrophenol		0.115	0.147	0.171	0.177	0.172	0.181	0.161	15.78
57)		2,4-Dinitrotol...	0.292	0.318	0.349	0.351	0.344	0.344	0.336	0.333	6.38
58)		Fluorene	1.367	1.286	1.270	1.158	1.111	1.102	1.025	1.188	10.25
59)		2,3,4,6-Tetrac...	0.261	0.264	0.299	0.297	0.294	0.297	0.288	0.286	5.59
60)		Diethylphthalate	1.172	1.097	1.110	1.084	1.053	1.036	1.008	1.080	5.01
61)		4-Chlorophenyl...	0.671	0.624	0.628	0.585	0.558	0.567	0.527	0.594	8.30
62)		4-Nitroaniline	0.230	0.237	0.258	0.257	0.255	0.248	0.250	0.248	4.28
63)		Azobenzene	1.221	1.154	1.177	1.122	1.080	1.067	1.018	1.120	6.26
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.085	0.103	0.119	0.120	0.124	0.126	0.113	13.97
66)	c	n-Nitrosodiphe...	0.684	0.661	0.679	0.641	0.615	0.636	0.590	0.644	5.29
67)		4-Bromophenyl-...	0.243	0.240	0.250	0.241	0.230	0.240	0.227	0.239	3.35
68)		Hexachlorobenzene	0.266	0.262	0.267	0.257	0.248	0.256	0.243	0.257	3.53
69)		Atrazine	0.154	0.156	0.164	0.168	0.171	0.174	0.176	0.166	5.09
70)	C	Pentachlorophenol		0.088	0.106	0.124	0.127	0.131	0.131	0.118	14.47
71)		Phenanthrene	1.188	1.123	1.130	1.039	1.015	1.033	0.969	1.071	7.23
72)		Anthracene	1.191	1.144	1.148	1.074	1.022	1.036	0.980	1.085	7.16
73)		Carbazole	0.949	0.925	0.932	0.882	0.849	0.861	0.825	0.889	5.30
74)		Di-n-butylphth...	0.782	0.800	0.830	0.850	0.833	0.857	0.855	0.829	3.47
75)	C	Fluoranthene	1.061	1.020	1.002	0.946	0.914	0.923	0.862	0.961	7.21
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.611	0.665	0.516	0.391	0.368	0.372	0.487	26.70
78)		Pyrene	1.891	1.768	1.793	1.635	1.590	1.512	1.327	1.645	11.63
79)	S	Terphenyl-d14	1.341	1.255	1.248	1.130	1.094	1.052	0.904	1.146	12.86
80)		Butylbenzylpht...	0.380	0.402	0.443	0.467	0.461	0.509	0.485	0.449	10.15
81)		Benzo(a)anthra...	1.302	1.274	1.300	1.318	1.266	1.316	1.237	1.288	2.30
82)		3,3'-Dichlorob...		0.353	0.386	0.373	0.354	0.377	0.370	0.369	3.60
83)		Chrysene	1.251	1.195	1.213	1.113	1.089	1.125	1.114	1.157	5.33
84)		Bis(2-ethylhex...	0.600	0.626	0.699	0.710	0.690	0.767	0.700	0.685	8.12
85)	c	Di-n-octyl pht...		1.129	1.289	1.298	1.251	1.413	1.228	1.268	7.36

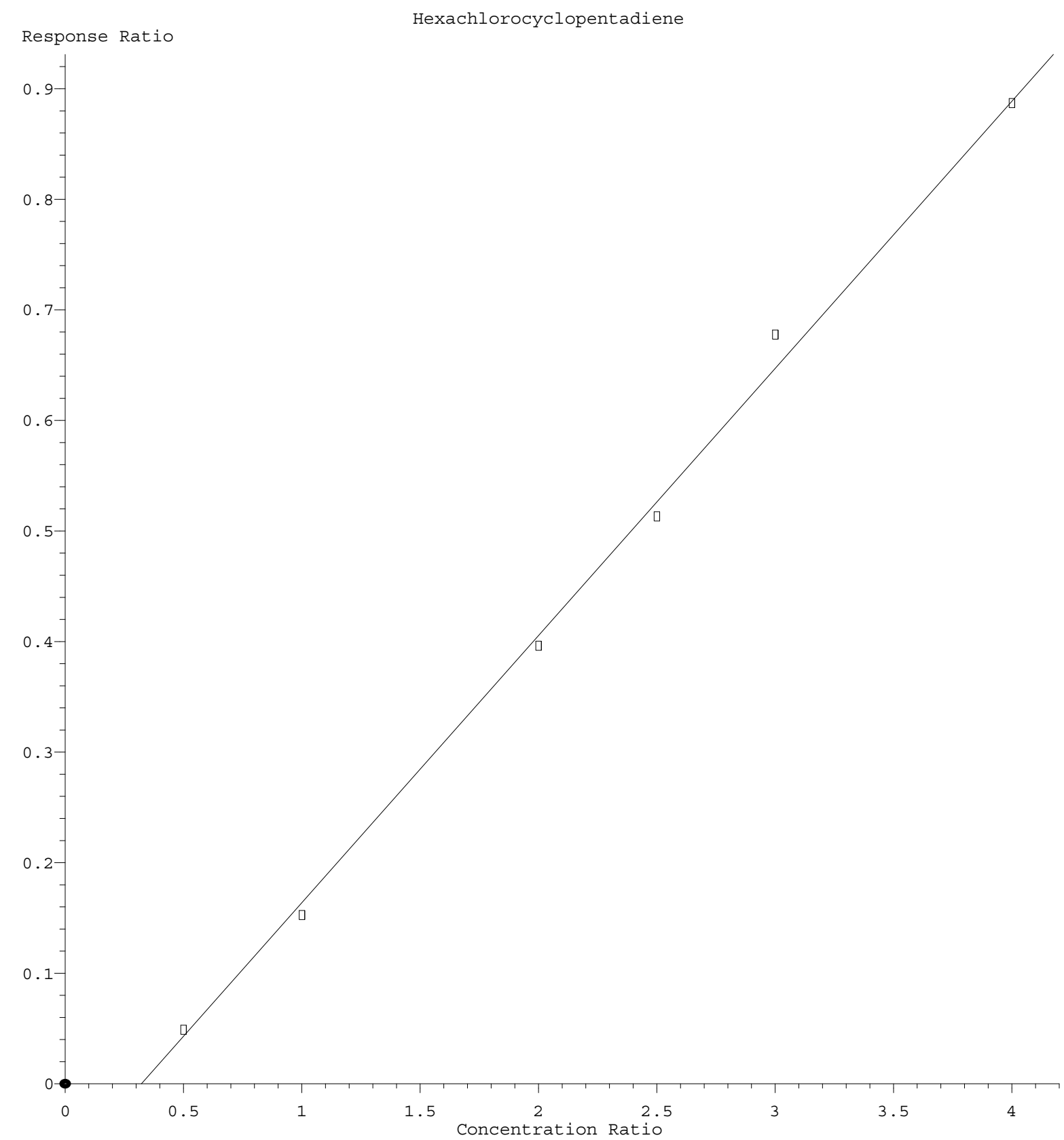
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082025.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.425	1.433	1.565	1.449	1.427	1.466	1.295	1.437	5.51
88)		Benzo(b)fluora...	1.135	1.147	1.182	1.074	1.058	1.068	1.119	1.112	4.20
89)		Benzo(k)fluora...	1.157	1.014	1.056	1.081	1.034	1.104	1.005	1.064	5.10
90)	C	Benzo(a)pyrene	1.033	1.021	1.074	1.032	1.010	1.043	1.011	1.032	2.15
91)		Dibenzo(a,h)an...	1.139	1.164	1.260	1.162	1.142	1.168	1.023	1.151	6.04
92)		Benzo(g,h,i)pe...	1.128	1.129	1.242	1.156	1.145	1.172	1.039	1.145	5.30

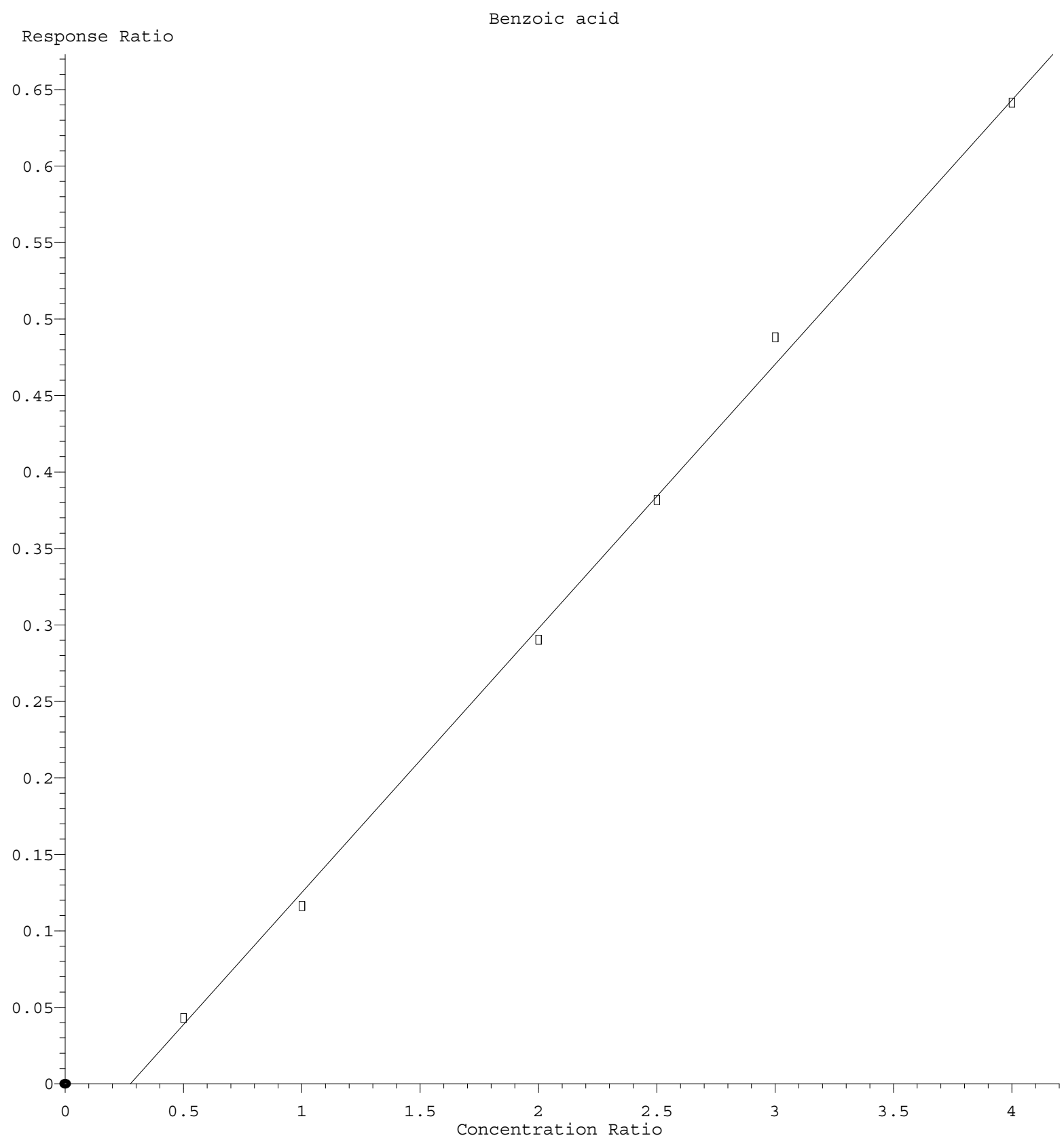
(#) = Out of Range



Response = 1.430e-001 * Amt - 3.784e-002
Coef of Det (r^2) = 0.996445 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082025.M
Calibration Table Last Updated: Thu Aug 21 06:12:21 2025



Response = 2.418e-001 * Amt - 7.792e-002
Coef of Det (r^2) = 0.997891 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082025.M
Calibration Table Last Updated: Thu Aug 21 06:12:21 2025



Response = 1.728e-001 * Amt - 4.772e-002
Coef of Det (r^2) = 0.998317 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082025.M
Calibration Table Last Updated: Thu Aug 21 06:12:21 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143477.D
Acq On : 20 Aug 2025 10:55
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 20 16:19:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	139562	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	543954	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	302590	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	471116	20.000	ng	0.00
76) Chrysene-d12	14.098	240	283668	20.000	ng	0.00
86) Perylene-d12	15.598	264	247340	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...	7.328	70	16082	2.667	ng	96

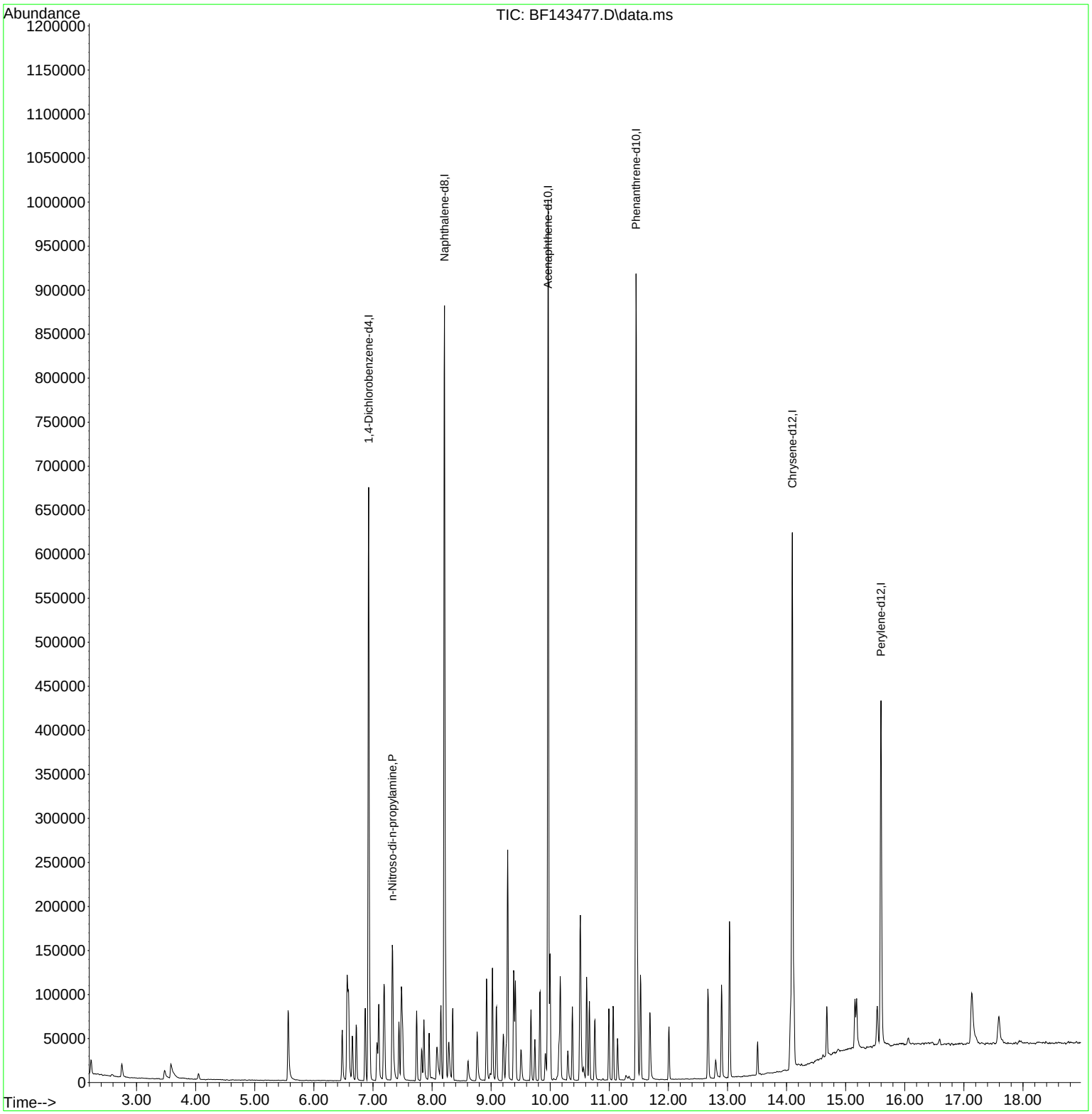
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143477.D
Acq On : 20 Aug 2025 10:55
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 20 16:19:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143478.D
Acq On : 20 Aug 2025 11:25
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 20 16:19:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	139746	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	528467	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	295421	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	479059	20.000	ng		0.00
76) Chrysene-d12	14.098	240	275807	20.000	ng		0.00
86) Perylene-d12	15.598	264	257255	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	84074	10.505	ng		0.00
7) Phenol-d6	6.557	99	107354	10.867	ng		-0.02
23) Nitrobenzene-d5	7.481	82	93525	10.327	ng		-0.02
42) 2,4,6-Tribromophenol	10.751	330	28197	10.254	ng		-0.01
45) 2-Fluorobiphenyl	9.281	172	213485	11.943	ng		0.00
79) Terphenyl-d14	13.033	244	184897	11.698	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	18448	4.976	ng		97
3) Pyridine	3.552	79	46794	4.739	ng		98
6) Aniline	6.587	93	71052	5.381	ng		98
8) 2-Chlorophenol	6.716	128	45449	5.142	ng		99
10) Phenol	6.575	94	60812	5.343	ng		93
11) bis(2-Chloroethyl)ether	6.651	93	45274	5.323	ng		99
12) 1,3-Dichlorobenzene	6.869	146	54424	5.480	ng		98
13) 1,4-Dichlorobenzene	6.945	146	53485	5.368	ng		99
14) 1,2-Dichlorobenzene	7.098	146	50580	5.362	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	74897	5.504	ng		97
17) 2-Methylphenol	7.181	107	36752	5.180	ng		97
18) Hexachloroethane	7.440	117	17304	5.108	ng		94
19) n-Nitroso-di-n-propyla...	7.328	70	32958	5.458	ng		96
22) Acetophenone	7.328	105	64602	5.658	ng	#	96
24) Nitrobenzene	7.498	77	46642	5.004	ng		99
25) Isophorone	7.739	82	87950	5.298	ng		99
26) 2-Nitrophenol	7.822	139	21447	4.697	ng		98
27) 2,4-Dimethylphenol	7.863	122	37403	5.255	ng		98
28) bis(2-Chloroethoxy)met...	7.951	93	54059	5.299	ng		98
29) 2,4-Dichlorophenol	8.075	162	38716	5.093	ng		96
30) 1,2,4-Trichlorobenzene	8.151	180	42060	5.382	ng		99
31) Naphthalene	8.228	128	141189	5.565	ng		99
33) 4-Chloroaniline	8.281	127	47399	5.264	ng		99
34) Hexachlorobutadiene	8.351	225	27313	5.357	ng		99
36) 4-Chloro-3-methylphenol	8.763	107	40059	5.259	ng		100
37) 2-Methylnaphthalene	8.922	142	94640	5.585	ng		99
38) 1-Methylnaphthalene	9.022	142	91483	5.644	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	46429	5.494	ng		98
43) 2,4,6-Trichlorophenol	9.204	196	24994	4.807	ng		99
44) 2,4,5-Trichlorophenol	9.251	196	28903	5.089	ng		97
46) 1,1'-Biphenyl	9.381	154	116864	5.573	ng		98
47) 2-Chloronaphthalene	9.410	162	90223	5.484	ng		100
48) 2-Nitroaniline	9.504	65	23209	4.820	ng		99
49) Acenaphthylene	9.822	152	129052	5.478	ng		98
50) Dimethylphthalate	9.675	163	95475	5.366	ng		98
51) 2,6-Dinitrotoluene	9.739	165	16519	4.480	ng		93

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143478.D
Acq On : 20 Aug 2025 11:25
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 20 16:19:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52)	Acenaphthene	9.998	154	86399	5.402	ng		100
53)	3-Nitroaniline	9.916	138	19195	4.817	ng		98
55)	Dibenzofuran	10.169	168	126806	5.561	ng		100
57)	2,4-Dinitrotoluene	10.145	165	21578	4.382	ng		90
58)	Fluorene	10.510	166	100926	5.751	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.298	232	19308	4.576	ng	#	97
60)	Diethylphthalate	10.375	149	86539	5.425	ng		99
61)	4-Chlorophenyl-phenyle...	10.504	204	49563	5.647	ng		97
62)	4-Nitroaniline	10.522	138	16999	4.645	ng		99
63)	Azobenzene	10.663	77	90174	5.452	ng		99
66)	n-Nitrosodiphenylamine	10.616	169	81920	5.314	ng		99
67)	4-Bromophenyl-phenylether	10.992	248	29139	5.098	ng		95
68)	Hexachlorobenzene	11.069	284	31905	5.178	ng		99
69)	Atrazine	11.139	200	18453	4.637	ng		97
71)	Phenanthrene	11.475	178	142334	5.548	ng		99
72)	Anthracene	11.528	178	142673	5.490	ng		99
73)	Carbazole	11.686	167	113696	5.339	ng		99
74)	Di-n-butylphthalate	12.010	149	93617	4.712	ng		100
75)	Fluoranthene	12.669	202	127015	5.518	ng		98
78)	Pyrene	12.898	202	130407	5.748	ng		99
80)	Butylbenzylphthalate	13.510	149	26173	4.223	ng		99
81)	Benzo(a)anthracene	14.086	228	89757	5.055	ng		99
83)	Chrysene	14.121	228	86291	5.408	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.069	149	41348	4.380	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.121	276	91654	4.958	ng		98
88)	Benzo(b)fluoranthene	15.157	252	72988	5.104	ng		99
89)	Benzo(k)fluoranthene	15.186	252	74440	5.437	ng		99
90)	Benzo(a)pyrene	15.533	252	66416	5.004	ng		99
91)	Dibenzo(a,h)anthracene	17.139	278	73229	4.946	ng		98
92)	Benzo(g,h,i)perylene	17.586	276	72556	4.928	ng		98

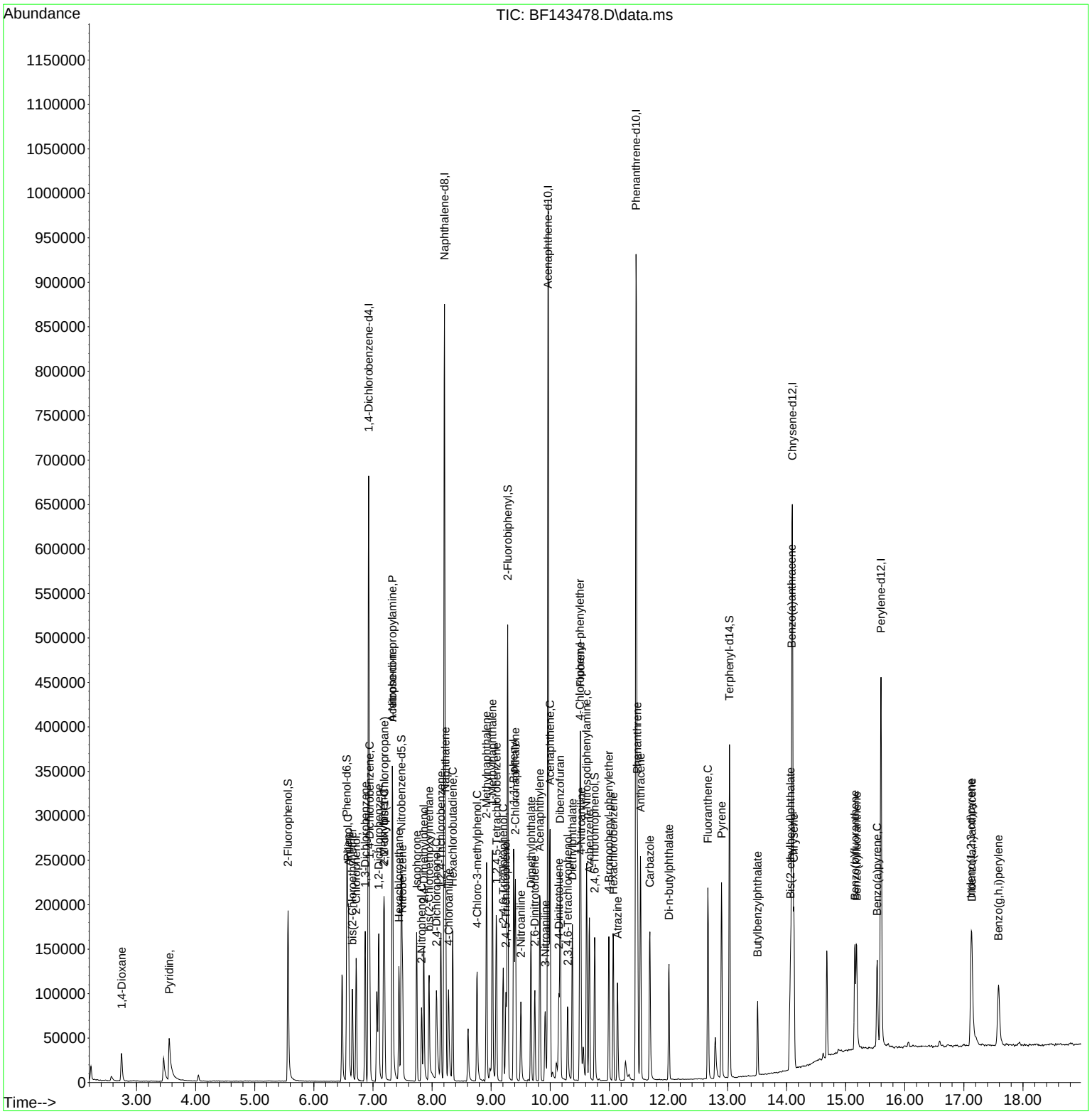
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143478.D
Acq On : 20 Aug 2025 11:25
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 20 16:19:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143479.D
Acq On : 20 Aug 2025 11:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 20 16:20:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	138225	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	525191	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	291754	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	461672	20.000	ng		0.00
76) Chrysene-d12	14.098	240	274933	20.000	ng		0.00
86) Perylene-d12	15.598	264	265385	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	165533	20.911	ng		0.00
7) Phenol-d6	6.557	99	201752	20.646	ng		-0.02
23) Nitrobenzene-d5	7.481	82	181268	20.141	ng		-0.02
42) 2,4,6-Tribromophenol	10.751	330	54980	20.244	ng		-0.01
45) 2-Fluorobiphenyl	9.280	172	389874	22.085	ng		0.00
79) Terphenyl-d14	13.033	244	344924	21.893	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	36526	9.961	ng		99
3) Pyridine	3.540	79	96225	9.852	ng		99
4) n-Nitrosodimethylamine	3.451	42	41741	9.507	ng	#	97
6) Aniline	6.587	93	136107	10.420	ng		98
8) 2-Chlorophenol	6.716	128	88766	10.152	ng		98
9) Benzaldehyde	6.475	77	69636	8.802	ng		99
10) Phenol	6.569	94	117160	10.408	ng		82
11) bis(2-Chloroethyl)ether	6.651	93	84985	10.102	ng		97
12) 1,3-Dichlorobenzene	6.869	146	100273	10.207	ng		100
13) 1,4-Dichlorobenzene	6.945	146	102802	10.432	ng		97
14) 1,2-Dichlorobenzene	7.098	146	97628	10.464	ng		99
15) Benzyl Alcohol	7.063	79	71642	9.792	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	145437	10.806	ng		99
17) 2-Methylphenol	7.181	107	71996	10.260	ng		95
18) Hexachloroethane	7.439	117	34428	10.276	ng		98
19) n-Nitroso-di-n-propyla...	7.328	70	63026	10.552	ng		98
20) 3+4-Methylphenols	7.334	107	92430	11.034	ng		99
22) Acetophenone	7.328	105	121914	10.745	ng		97
24) Nitrobenzene	7.504	77	92261	9.960	ng		99
25) Isophorone	7.739	82	165391	10.025	ng		99
26) 2-Nitrophenol	7.822	139	43444	9.575	ng		98
27) 2,4-Dimethylphenol	7.857	122	71477	10.105	ng		99
28) bis(2-Chloroethoxy)met...	7.951	93	104720	10.329	ng		98
29) 2,4-Dichlorophenol	8.069	162	78518	10.394	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	78780	10.143	ng		100
31) Naphthalene	8.228	128	264837	10.503	ng		100
32) Benzoic acid	7.957	122	22608	10.817	ng		96
33) 4-Chloroaniline	8.281	127	90644	10.129	ng		98
34) Hexachlorobutadiene	8.351	225	52299	10.321	ng		99
35) Caprolactam	8.616	113	16494	9.099	ng		98
36) 4-Chloro-3-methylphenol	8.757	107	76657	10.126	ng		99
37) 2-Methylnaphthalene	8.922	142	179574	10.663	ng		99
38) 1-Methylnaphthalene	9.022	142	170845	10.606	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	85181	10.207	ng		99
41) Hexachlorocyclopentadiene	9.080	237	14243	10.484	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	50602	9.854	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143479.D
Acq On : 20 Aug 2025 11:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 20 16:20:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.245	196	54832	9.775	ng		97
46)	1,1'-Biphenyl	9.380	154	219538	10.602	ng		98
47)	2-Chloronaphthalene	9.410	162	169967	10.461	ng		99
48)	2-Nitroaniline	9.504	65	45630	9.596	ng		97
49)	Acenaphthylene	9.827	152	242638	10.429	ng		99
50)	Dimethylphthalate	9.675	163	177820	10.120	ng		99
51)	2,6-Dinitrotoluene	9.739	165	34570	9.493	ng		98
52)	Acenaphthene	9.998	154	164918	10.441	ng		100
53)	3-Nitroaniline	9.910	138	37475	9.523	ng		97
54)	2,4-Dinitrophenol	10.027	184	10431	10.295	ng		87
55)	Dibenzofuran	10.169	168	237099	10.528	ng		99
56)	4-Nitrophenol	10.092	139	16733	7.146	ng		98
57)	2,4-Dinitrotoluene	10.145	165	46361	9.534	ng		96
58)	Fluorene	10.510	166	187535	10.820	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.292	232	38561	9.253	ng	#	98
60)	Diethylphthalate	10.375	149	160006	10.156	ng		99
61)	4-Chlorophenyl-phenyle...	10.504	204	90965	10.494	ng		97
62)	4-Nitroaniline	10.522	138	34518	9.550	ng		98
63)	Azobenzene	10.663	77	168373	10.307	ng		99
65)	4,6-Dinitro-2-methylph...	10.557	198	19659	7.552	ng		95
66)	n-Nitrosodiphenylamine	10.616	169	152607	10.271	ng		98
67)	4-Bromophenyl-phenylether	10.992	248	55324	10.043	ng		98
68)	Hexachlorobenzene	11.069	284	60577	10.202	ng		98
69)	Atrazine	11.139	200	36074	9.406	ng		98
70)	Pentachlorophenol	11.269	266	20373	7.492	ng		98
71)	Phenanthrene	11.474	178	259254	10.486	ng		99
72)	Anthracene	11.527	178	263998	10.541	ng		99
73)	Carbazole	11.680	167	213439	10.400	ng		99
74)	Di-n-butylphthalate	12.010	149	184596	9.642	ng		99
75)	Fluoranthene	12.668	202	235543	10.618	ng		99
77)	Benzidine	12.786	184	84040	12.549	ng		99
78)	Pyrene	12.898	202	243049	10.747	ng		98
80)	Butylbenzylphthalate	13.510	149	55227	8.939	ng		97
81)	Benzo(a)anthracene	14.086	228	175192	9.898	ng		99
82)	3,3'-Dichlorobenzidine	14.045	252	48491	9.566	ng		97
83)	Chrysene	14.121	228	164205	10.323	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.068	149	86065	9.146	ng		99
85)	Di-n-octyl phthalate	14.680	149	155239	8.906	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.121	276	190133	9.970	ng		99
88)	Benzo(b)fluoranthene	15.151	252	152145	10.314	ng		99
89)	Benzo(k)fluoranthene	15.180	252	134513	9.524	ng		99
90)	Benzo(a)pyrene	15.533	252	135536	9.898	ng		100
91)	Dibenzo(a,h)anthracene	17.133	278	154454	10.113	ng		99
92)	Benzo(g,h,i)perylene	17.580	276	149813	9.865	ng		99

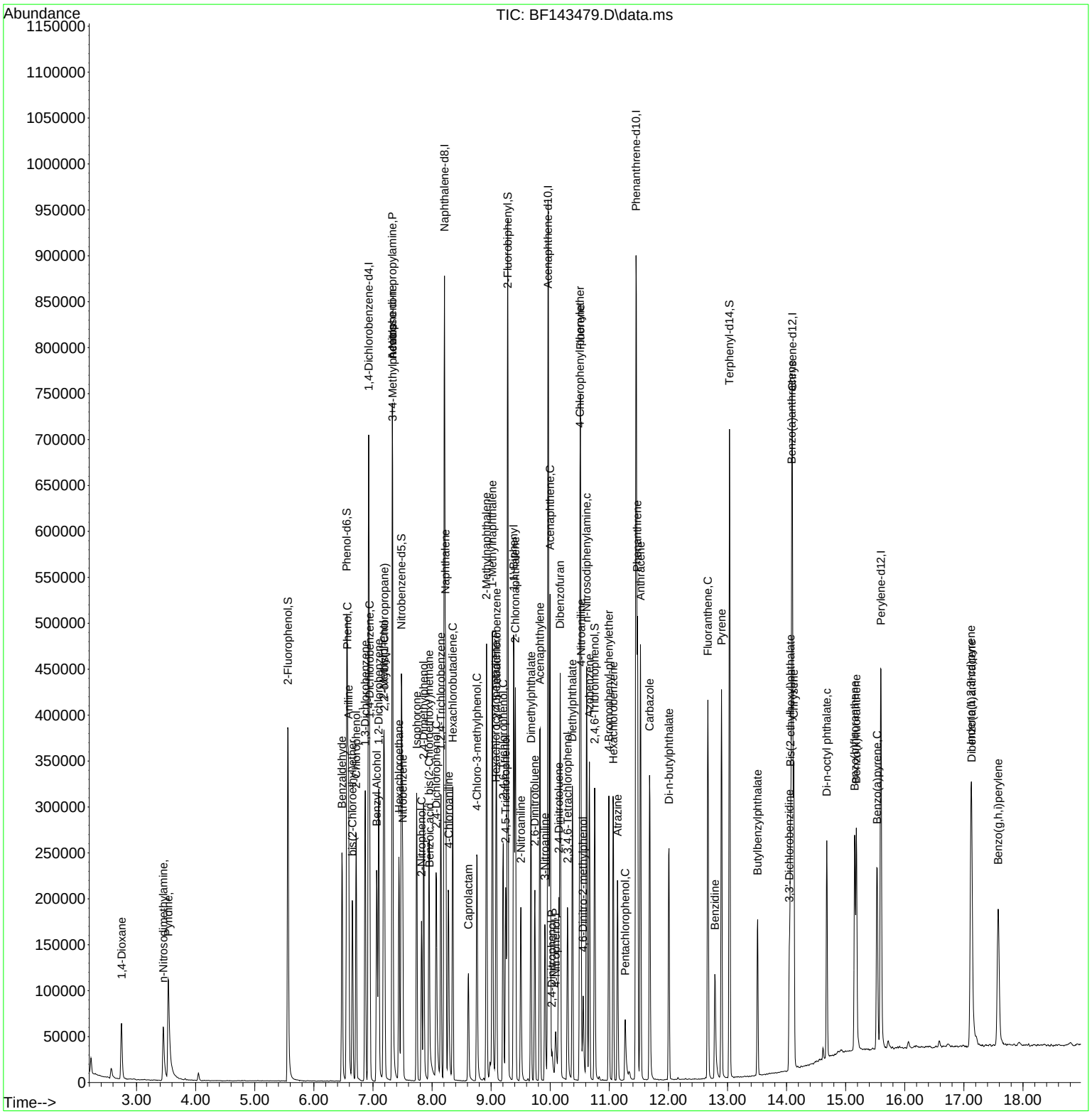
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143479.D
Acq On : 20 Aug 2025 11:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 20 16:20:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143480.D
Acq On : 20 Aug 2025 12:23
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Aug 20 16:23:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	135122	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	502602	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	273375	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	425626	20.000	ng		0.00
76) Chrysene-d12	14.098	240	241250	20.000	ng		0.00
86) Perylene-d12	15.598	264	255472	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	322546	41.682	ng		0.00
7) Phenol-d6	6.557	99	397415	41.604	ng		-0.02
23) Nitrobenzene-d5	7.487	82	358365	41.608	ng		-0.01
42) 2,4,6-Tribromophenol	10.757	330	106021	41.663	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	723237	43.723	ng		0.00
79) Terphenyl-d14	13.033	244	601957	43.541	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	72831	20.317	ng		99
3) Pyridine	3.528	79	193877	20.306	ng		100
4) n-Nitrosodimethylamine	3.452	42	83662	19.492	ng		97
6) Aniline	6.587	93	264694	20.731	ng		99
8) 2-Chlorophenol	6.716	128	175887	20.579	ng		99
9) Benzaldehyde	6.475	77	132575	17.142	ng		100
10) Phenol	6.575	94	233093	21.182	ng		91
11) bis(2-Chloroethyl)ether	6.657	93	166906	20.296	ng		99
12) 1,3-Dichlorobenzene	6.869	146	198141	20.633	ng		99
13) 1,4-Dichlorobenzene	6.945	146	200428	20.806	ng		99
14) 1,2-Dichlorobenzene	7.098	146	187297	20.536	ng		100
15) Benzyl Alcohol	7.063	79	143623	20.082	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	277424	21.087	ng		96
17) 2-Methylphenol	7.181	107	142643	20.794	ng		95
18) Hexachloroethane	7.439	117	67887	20.727	ng		98
19) n-Nitroso-di-n-propyla...	7.328	70	118831	20.353	ng		97
20) 3+4-Methylphenols	7.334	107	178398	21.785	ng		98
22) Acetophenone	7.328	105	230609	21.238	ng	#	99
24) Nitrobenzene	7.504	77	183817	20.736	ng		99
25) Isophorone	7.745	82	323869	20.513	ng		98
26) 2-Nitrophenol	7.822	139	88771	20.444	ng		98
27) 2,4-Dimethylphenol	7.863	122	141452	20.897	ng		99
28) bis(2-Chloroethoxy)met...	7.951	93	201584	20.776	ng		99
29) 2,4-Dichlorophenol	8.069	162	152215	21.055	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	157575	21.200	ng		99
31) Naphthalene	8.234	128	509408	21.111	ng		100
32) Benzoic acid	7.963	122	58396	19.199	ng		98
33) 4-Chloroaniline	8.275	127	181928	21.243	ng		99
34) Hexachlorobutadiene	8.351	225	100875	20.802	ng		99
35) Caprolactam	8.628	113	33991	19.594	ng		99
36) 4-Chloro-3-methylphenol	8.757	107	152197	21.008	ng		98
37) 2-Methylnaphthalene	8.922	142	343900	21.339	ng		99
38) 1-Methylnaphthalene	9.022	142	326683	21.191	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	167691	21.445	ng		100
41) Hexachlorocyclopentadiene	9.081	237	41723	19.072	ng		100
43) 2,4,6-Trichlorophenol	9.204	196	99517	20.683	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143480.D
Acq On : 20 Aug 2025 12:23
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Aug 20 16:23:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	112939	21.488	ng	97
46) 1,1'-Biphenyl	9.386	154	415294	21.403	ng	99
47) 2-Chloronaphthalene	9.410	162	320277	21.037	ng	99
48) 2-Nitroaniline	9.504	65	92468	20.753	ng	98
49) Acenaphthylene	9.828	152	461236	21.158	ng	100
50) Dimethylphthalate	9.675	163	342268	20.788	ng	100
51) 2,6-Dinitrotoluene	9.739	165	70716	20.723	ng	98
52) Acenaphthene	9.998	154	310782	20.998	ng	100
53) 3-Nitroaniline	9.910	138	76663	20.791	ng	97
54) 2,4-Dinitrophenol	10.028	184	26974	19.096	ng	94
55) Dibenzofuran	10.169	168	450207	21.335	ng	100
56) 4-Nitrophenol	10.086	139	40278	18.359	ng	99
57) 2,4-Dinitrotoluene	10.145	165	95333	20.923	ng	98
58) Fluorene	10.516	166	347075	21.370	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	81629	20.905	ng	99
60) Diethylphthalate	10.375	149	303476	20.558	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	171724	21.142	ng	98
62) 4-Nitroaniline	10.522	138	70583	20.840	ng	99
63) Azobenzene	10.663	77	321721	21.019	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	43824	18.261	ng	93
66) n-Nitrosodiphenylamine	10.616	169	288871	21.089	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	106363	20.944	ng	97
68) Hexachlorobenzene	11.069	284	113714	20.773	ng	98
69) Atrazine	11.139	200	69831	19.750	ng	98
70) Pentachlorophenol	11.269	266	45302	18.070	ng	97
71) Phenanthrene	11.475	178	480915	21.099	ng	99
72) Anthracene	11.527	178	488675	21.164	ng	100
73) Carbazole	11.680	167	396704	20.967	ng	100
74) Di-n-butylphthalate	12.010	149	353228	20.013	ng	100
75) Fluoranthene	12.669	202	426351	20.846	ng	99
77) Benzidine	12.786	184	160347	27.286	ng	99
78) Pyrene	12.898	202	432575	21.798	ng	99
80) Butylbenzylphthalate	13.510	149	106788	19.698	ng	98
81) Benzo(a)anthracene	14.086	228	313687	20.196	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	93226	20.959	ng	98
83) Chrysene	14.121	228	292523	20.957	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	168717	20.434	ng	99
85) Di-n-octyl phthalate	14.680	149	310954	20.329	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	399711	21.773	ng	100
88) Benzo(b)fluoranthene	15.151	252	302016	21.268	ng	100
89) Benzo(k)fluoranthene	15.180	252	269685	19.835	ng	100
90) Benzo(a)pyrene	15.533	252	274418	20.819	ng	100
91) Dibenzo(a,h)anthracene	17.133	278	321851	21.891	ng	98
92) Benzo(g,h,i)perylene	17.580	276	317263	21.701	ng	99

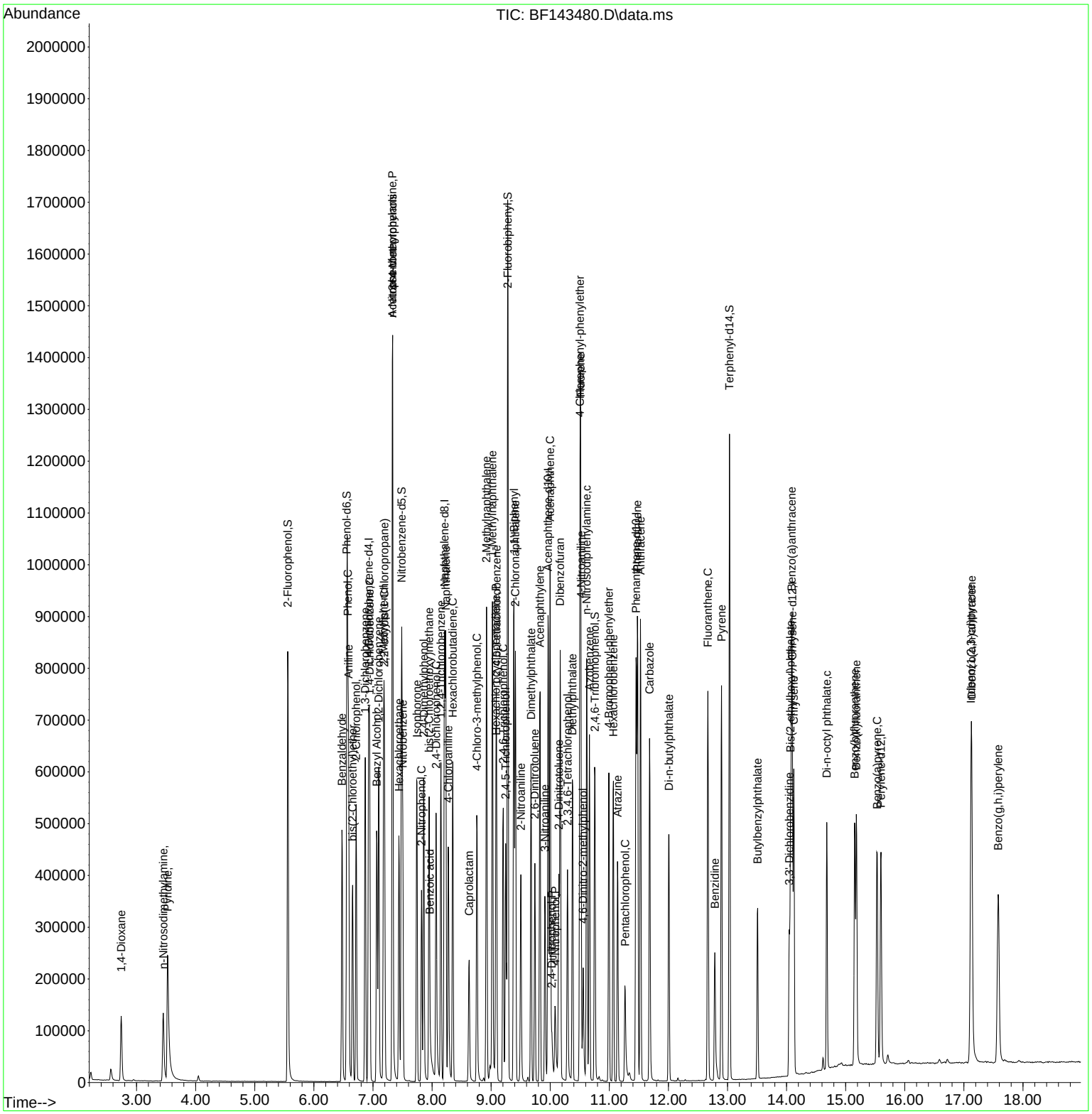
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143480.D
Acq On : 20 Aug 2025 12:23
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Aug 20 16:23:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143481.D
Acq On : 20 Aug 2025 12:53
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Aug 20 16:23:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	137770	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	521928	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	282852	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	436106	20.000	ng	0.00
76) Chrysene-d12	14.098	240	249960	20.000	ng	0.00
86) Perylene-d12	15.598	264	288139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	627397	79.519	ng	0.00
7) Phenol-d6	6.563	99	775270	79.600	ng	-0.01
23) Nitrobenzene-d5	7.492	82	717900	80.266	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	212595	80.744	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1307900	76.419	ng	0.00
79) Terphenyl-d14	13.039	244	1129659	78.865	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	147614	40.387	ng	100
3) Pyridine	3.522	79	396205	40.700	ng	100
4) n-Nitrosodimethylamine	3.463	42	176726	40.383	ng	100
6) Aniline	6.592	93	520870	40.010	ng	100
8) 2-Chlorophenol	6.716	128	349331	40.086	ng	100
9) Benzaldehyde	6.481	77	330624	41.929	ng	100
10) Phenol	6.581	94	453508	40.419	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	334229	39.862	ng	100
12) 1,3-Dichlorobenzene	6.869	146	389485	39.778	ng	100
13) 1,4-Dichlorobenzene	6.945	146	388762	39.581	ng	100
14) 1,2-Dichlorobenzene	7.098	146	371439	39.943	ng	100
15) Benzyl Alcohol	7.069	79	298360	40.916	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	538319	40.131	ng	100
17) 2-Methylphenol	7.187	107	278676	39.844	ng	100
18) Hexachloroethane	7.439	117	135258	40.503	ng	100
19) n-Nitroso-di-n-propyla...	7.339	70	232621	39.076	ng	100
20) 3+4-Methylphenols	7.334	107	335474	40.179	ng	100
22) Acetophenone	7.334	105	436693	38.728	ng	100
24) Nitrobenzene	7.510	77	371931	40.403	ng	100
25) Isophorone	7.745	82	648362	39.546	ng	100
26) 2-Nitrophenol	7.828	139	185255	41.084	ng	100
27) 2,4-Dimethylphenol	7.863	122	281983	40.116	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	402757	39.973	ng	100
29) 2,4-Dichlorophenol	8.075	162	301002	40.095	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	305107	39.529	ng	100
31) Naphthalene	8.234	128	984671	39.296	ng	100
32) Benzoic acid	7.981	122	151495	39.150	ng	100
33) 4-Chloroaniline	8.281	127	357854	40.237	ng	100
34) Hexachlorobutadiene	8.351	225	200199	39.756	ng	100
35) Caprolactam	8.651	113	73867	41.004	ng	100
36) 4-Chloro-3-methylphenol	8.763	107	300101	39.889	ng	100
37) 2-Methylnaphthalene	8.922	142	660885	39.489	ng	100
38) 1-Methylnaphthalene	9.022	142	629141	39.300	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	319789	39.526	ng	100
41) Hexachlorocyclopentadiene	9.081	237	112053	39.218	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	206042	41.387	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143481.D
Acq On : 20 Aug 2025 12:53
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Aug 20 16:23:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	216152	39.748	ng	100
46) 1,1'-Biphenyl	9.386	154	791238	39.412	ng	100
47) 2-Chloronaphthalene	9.416	162	625355	39.699	ng	100
48) 2-Nitroaniline	9.504	65	190564	41.336	ng	100
49) Acenaphthylene	9.828	152	893624	39.620	ng	100
50) Dimethylphthalate	9.681	163	679389	39.881	ng	100
51) 2,6-Dinitrotoluene	9.745	165	146703	41.551	ng	100
52) Acenaphthene	9.998	154	608648	39.745	ng	100
53) 3-Nitroaniline	9.916	138	157042	41.163	ng	100
54) 2,4-Dinitrophenol	10.028	184	67793	38.822	ng	100
55) Dibenzofuran	10.175	168	861659	39.465	ng	100
56) 4-Nitrophenol	10.086	139	96926	42.699	ng	100
57) 2,4-Dinitrotoluene	10.151	165	198600	42.127	ng	100
58) Fluorene	10.516	166	654929	38.975	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	167834	41.542	ng	100
60) Diethylphthalate	10.380	149	613485	40.167	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	330692	39.350	ng	100
62) 4-Nitroaniline	10.528	138	145120	41.412	ng	100
63) Azobenzene	10.663	77	634664	40.076	ng	100
65) 4,6-Dinitro-2-methylph...	10.563	198	103558	42.115	ng	100
66) n-Nitrosodiphenylamine	10.622	169	558998	39.830	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	210081	40.374	ng	100
68) Hexachlorobenzene	11.069	284	224294	39.989	ng	100
69) Atrazine	11.145	200	146499	40.437	ng	100
70) Pentachlorophenol	11.263	266	108200	42.121	ng	100
71) Phenanthrene	11.480	178	906136	38.800	ng	100
72) Anthracene	11.533	178	936575	39.587	ng	100
73) Carbazole	11.686	167	769702	39.704	ng	100
74) Di-n-butylphthalate	12.010	149	741021	40.975	ng	100
75) Fluoranthene	12.669	202	825200	39.378	ng	100
77) Benzidine	12.786	184	258175	42.403	ng	100
78) Pyrene	12.898	202	817477	39.759	ng	100
80) Butylbenzylphthalate	13.510	149	233397	41.552	ng	100
81) Benzo(a)anthracene	14.086	228	658804	40.938	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	186301	40.425	ng	100
83) Chrysene	14.127	228	556527	38.482	ng	100
84) Bis(2-ethylhexyl)phtha...	14.068	149	354779	41.471	ng	100
85) Di-n-octyl phthalate	14.680	149	649137	40.959	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	835150	40.334	ng	100
88) Benzo(b)fluoranthene	15.157	252	618677	38.627	ng	100
89) Benzo(k)fluoranthene	15.186	252	623043	40.628	ng	100
90) Benzo(a)pyrene	15.533	252	594623	39.996	ng	100
91) Dibenzo(a,h)anthracene	17.145	278	669452	40.370	ng	100
92) Benzo(g,h,i)perylene	17.592	276	666442	40.417	ng	100

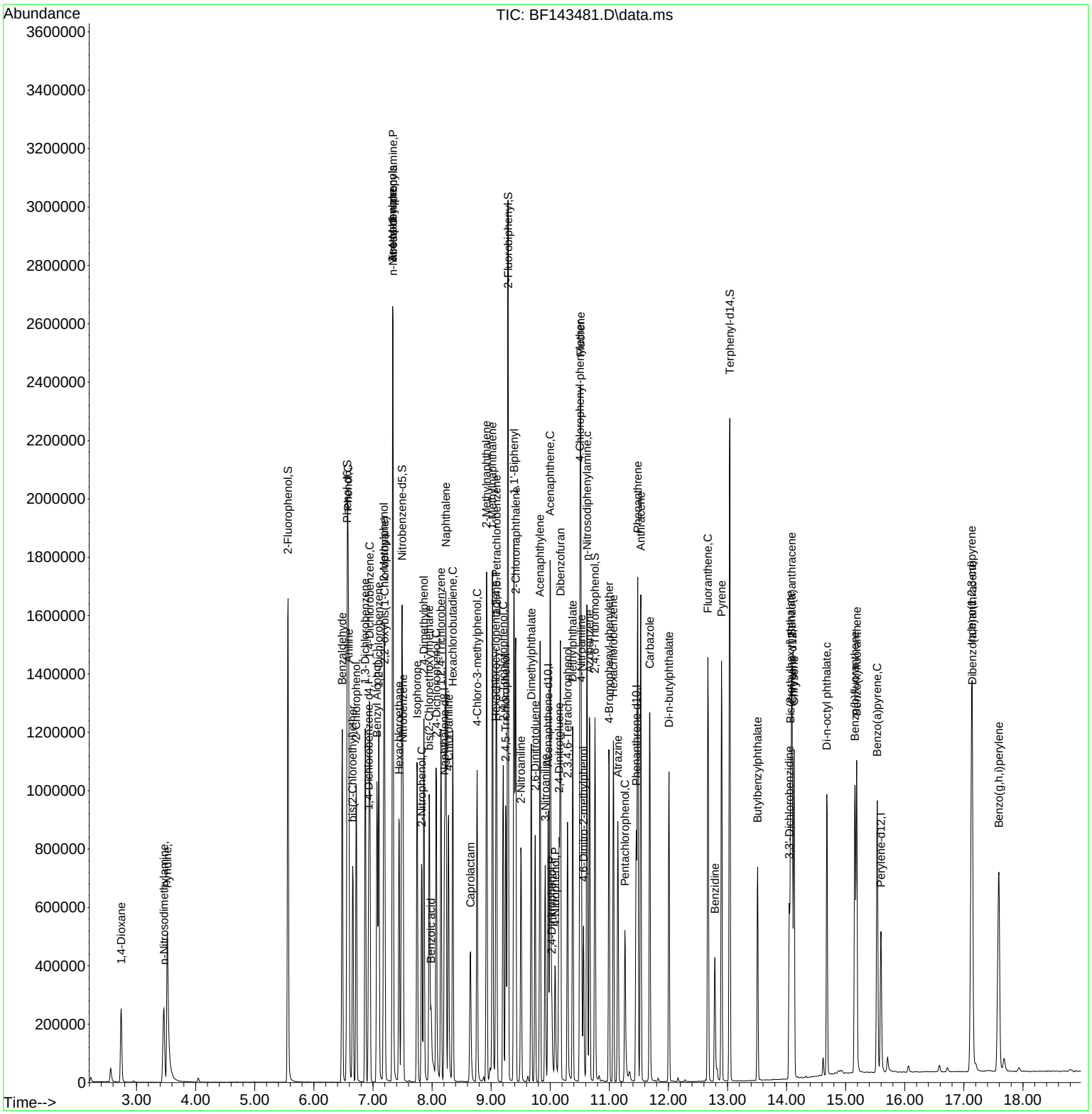
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143481.D
Acq On : 20 Aug 2025 12:53
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Aug 20 16:23:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143482.D
Acq On : 20 Aug 2025 13:22
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Aug 20 16:23:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	136821	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	508977	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	274766	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	422398	20.000	ng		0.00
76) Chrysene-d12	14.098	240	244315	20.000	ng		0.00
86) Perylene-d12	15.598	264	288719	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	743545	94.894	ng		0.00
7) Phenol-d6	6.569	99	917735	94.880	ng		0.00
23) Nitrobenzene-d5	7.492	82	851921	97.674	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	248877	97.306	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	1518897	91.359	ng		0.00
79) Terphenyl-d14	13.039	244	1336561	95.465	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	177472	48.893	ng		99
3) Pyridine	3.516	79	475201	49.153	ng		99
4) n-Nitrosodimethylamine	3.463	42	216544	49.825	ng		98
6) Aniline	6.592	93	615592	47.614	ng		93
8) 2-Chlorophenol	6.722	128	420515	48.589	ng		98
9) Benzaldehyde	6.481	77	387617	49.497	ng		99
10) Phenol	6.581	94	531465	47.696	ng		98
11) bis(2-Chloroethyl)ether	6.663	93	400326	48.077	ng		98
12) 1,3-Dichlorobenzene	6.869	146	460100	47.316	ng		99
13) 1,4-Dichlorobenzene	6.945	146	463354	47.503	ng		99
14) 1,2-Dichlorobenzene	7.098	146	440736	47.724	ng		100
15) Benzyl Alcohol	7.069	79	355789	49.130	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	617519	46.354	ng		95
17) 2-Methylphenol	7.187	107	333608	48.029	ng		98
18) Hexachloroethane	7.439	117	157972	47.633	ng		97
19) n-Nitroso-di-n-propyla...	7.339	70	273528	46.266	ng		98
20) 3+4-Methylphenols	7.339	107	391106	47.167	ng		96
22) Acetophenone	7.339	105	511600	46.526	ng	#	99
24) Nitrobenzene	7.510	77	443345	49.387	ng		100
25) Isophorone	7.751	82	773853	48.401	ng		99
26) 2-Nitrophenol	7.828	139	222383	50.572	ng		100
27) 2,4-Dimethylphenol	7.863	122	333188	48.606	ng		98
28) bis(2-Chloroethoxy)met...	7.957	93	472331	48.070	ng		99
29) 2,4-Dichlorophenol	8.075	162	358054	48.908	ng		100
30) 1,2,4-Trichlorobenzene	8.151	180	358839	47.673	ng		99
31) Naphthalene	8.234	128	1154068	47.228	ng		100
32) Benzoic acid	7.992	122	194231	49.619	ng		97
33) 4-Chloroaniline	8.281	127	421648	48.617	ng		99
34) Hexachlorobutadiene	8.351	225	236186	48.095	ng		100
35) Caprolactam	8.657	113	90192	51.340	ng		98
36) 4-Chloro-3-methylphenol	8.763	107	355809	48.497	ng		99
37) 2-Methylnaphthalene	8.922	142	763368	46.774	ng		100
38) 1-Methylnaphthalene	9.022	142	734490	47.049	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	373639	47.541	ng		100
41) Hexachlorocyclopentadiene	9.081	237	141023	48.905	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	241322	49.900	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143482.D
Acq On : 20 Aug 2025 13:22
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Aug 20 16:23:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	259061	49.041	ng	98
46) 1,1'-Biphenyl	9.386	154	917350	47.038	ng	100
47) 2-Chloronaphthalene	9.416	162	725620	47.420	ng	99
48) 2-Nitroaniline	9.510	65	226106	50.489	ng	94
49) Acenaphthylene	9.828	152	1041531	47.536	ng	100
50) Dimethylphthalate	9.681	163	795814	48.090	ng	100
51) 2,6-Dinitrotoluene	9.745	165	178703	52.104	ng	100
52) Acenaphthene	10.004	154	712642	47.905	ng	100
53) 3-Nitroaniline	9.916	138	187598	50.620	ng	99
54) 2,4-Dinitrophenol	10.028	184	90529	51.384	ng	100
55) Dibenzofuran	10.175	168	1003468	47.313	ng	100
56) 4-Nitrophenol	10.086	139	121261	54.991	ng	98
57) 2,4-Dinitrotoluene	10.151	165	236039	51.542	ng	99
58) Fluorene	10.516	166	763347	46.763	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	202049	51.483	ng	99
60) Diethylphthalate	10.380	149	723386	48.756	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	383570	46.985	ng	100
62) 4-Nitroaniline	10.533	138	175033	51.418	ng	99
63) Azobenzene	10.669	77	742238	48.247	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	126533	53.128	ng	98
66) n-Nitrosodiphenylamine	10.622	169	649619	47.789	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	242477	48.112	ng	99
68) Hexachlorobenzene	11.069	284	261883	48.206	ng	98
69) Atrazine	11.145	200	180342	51.394	ng	99
70) Pentachlorophenol	11.263	266	133776	53.767	ng	100
71) Phenanthrene	11.480	178	1071808	47.383	ng	100
72) Anthracene	11.533	178	1079686	47.117	ng	100
73) Carbazole	11.686	167	896352	47.738	ng	99
74) Di-n-butylphthalate	12.010	149	879812	50.228	ng	99
75) Fluoranthene	12.669	202	964831	47.536	ng	99
77) Benzidine	12.786	184	238772	40.122	ng	100
78) Pyrene	12.898	202	970991	48.316	ng	100
80) Butylbenzylphthalate	13.510	149	281664	51.304	ng	99
81) Benzo(a)anthracene	14.086	228	773434	49.172	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	216024	47.957	ng	98
83) Chrysene	14.127	228	665070	47.050	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	421199	50.372	ng	100
85) Di-n-octyl phthalate	14.680	149	764123	49.329	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	1030025	49.646	ng	100
88) Benzo(b)fluoranthene	15.157	252	763584	47.579	ng	100
89) Benzo(k)fluoranthene	15.186	252	746332	48.570	ng	100
90) Benzo(a)pyrene	15.533	252	728853	48.927	ng	100
91) Dibenzo(a,h)anthracene	17.145	278	824368	49.612	ng	100
92) Benzo(g,h,i)perylene	17.592	276	826803	50.042	ng	99

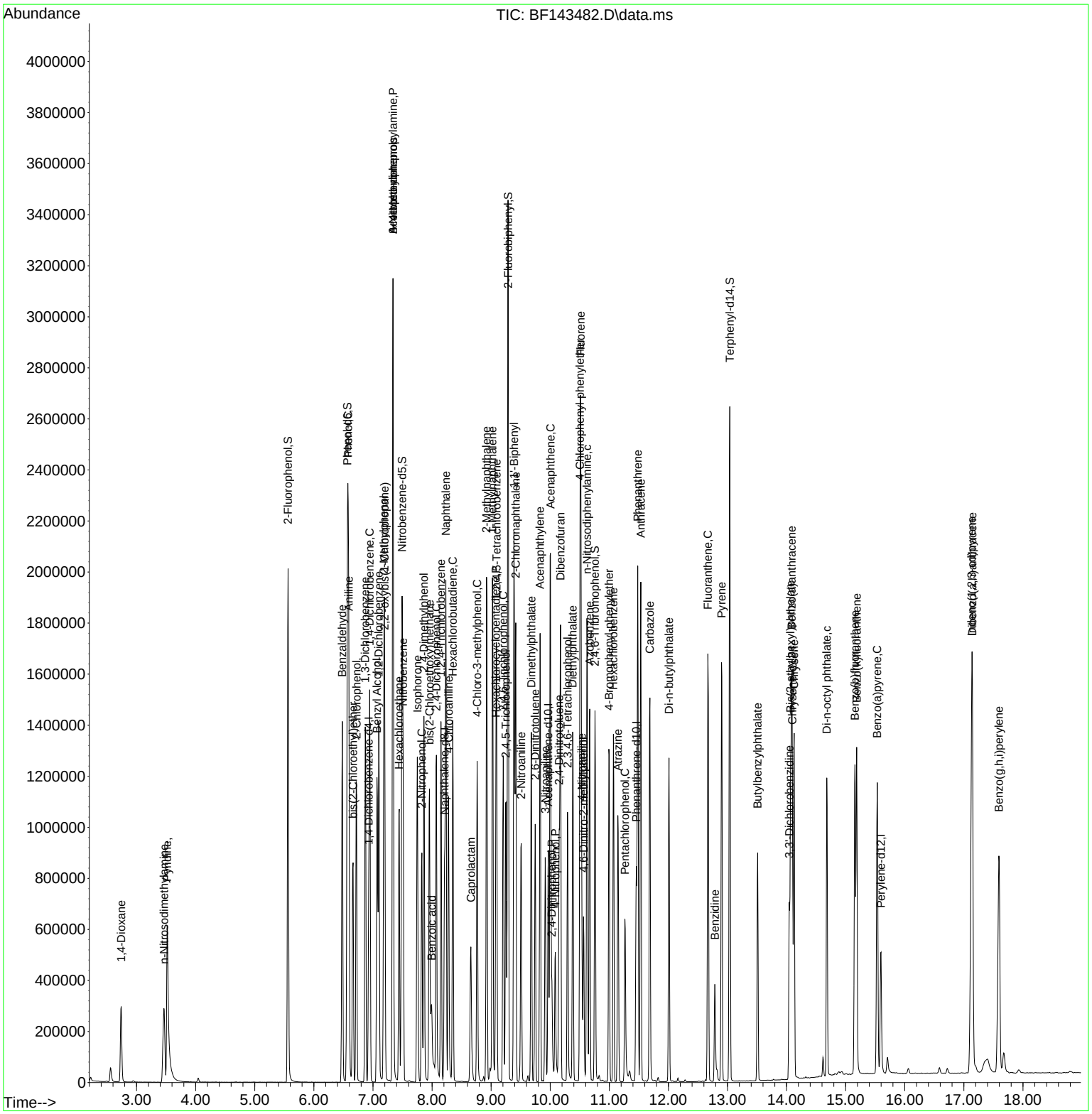
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143482.D
Acq On : 20 Aug 2025 13:22
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Aug 20 16:23:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143483.D
Acq On : 20 Aug 2025 13:51
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Aug 20 16:23:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	125960	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	475666	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	254778	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	374631	20.000	ng		0.00
76) Chrysene-d12	14.098	240	227355	20.000	ng		0.00
86) Perylene-d12	15.592	264	280304	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	859036	119.087	ng		0.00
7) Phenol-d6	6.569	99	1045685	117.430	ng		0.00
23) Nitrobenzene-d5	7.492	82	970478	119.058	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	280822	118.410	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	1690255	109.642	ng		0.00
79) Terphenyl-d14	13.039	244	1434829	110.129	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	204781	61.281	ng		99
3) Pyridine	3.522	79	558243	62.721	ng		99
4) n-Nitrosodimethylamine	3.469	42	251614	62.886	ng		97
6) Aniline	6.593	93	704213	59.165	ng	#	85
8) 2-Chlorophenol	6.722	128	479780	60.217	ng		98
9) Benzaldehyde	6.481	77	529696	73.472	ng		99
10) Phenol	6.587	94	601782	58.663	ng		87
11) bis(2-Chloroethyl)ether	6.663	93	461238	60.168	ng		98
12) 1,3-Dichlorobenzene	6.875	146	528623	59.050	ng		100
13) 1,4-Dichlorobenzene	6.945	146	532575	59.307	ng		99
14) 1,2-Dichlorobenzene	7.098	146	503841	59.261	ng		99
15) Benzyl Alcohol	7.075	79	411011	61.650	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	705931	57.560	ng		92
17) 2-Methylphenol	7.187	107	382072	59.749	ng		99
18) Hexachloroethane	7.445	117	184846	60.543	ng		94
19) n-Nitroso-di-n-propyla...	7.345	70	314244	57.737	ng		99
20) 3+4-Methylphenols	7.340	107	445057	58.302	ng		96
22) Acetophenone	7.340	105	584698	56.897	ng		100
24) Nitrobenzene	7.510	77	510499	60.850	ng		98
25) Isophorone	7.751	82	892536	59.733	ng		99
26) 2-Nitrophenol	7.828	139	256573	62.434	ng		98
27) 2,4-Dimethylphenol	7.863	122	378590	59.098	ng		99
28) bis(2-Chloroethoxy)met...	7.957	93	541094	58.925	ng		99
29) 2,4-Dichlorophenol	8.075	162	403885	59.031	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	414723	58.956	ng		99
31) Naphthalene	8.234	128	1314277	57.551	ng		100
32) Benzoic acid	7.998	122	232136	61.815	ng		98
33) 4-Chloroaniline	8.281	127	471374	58.156	ng		99
34) Hexachlorobutadiene	8.351	225	270626	58.968	ng		99
35) Caprolactam	8.663	113	99502	60.607	ng		99
36) 4-Chloro-3-methylphenol	8.763	107	404673	59.020	ng		100
37) 2-Methylnaphthalene	8.922	142	869902	57.034	ng		100
38) 1-Methylnaphthalene	9.022	142	828346	56.776	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	421909	57.894	ng		99
41) Hexachlorocyclopentadiene	9.081	237	172625	62.497	ng		100
43) 2,4,6-Trichlorophenol	9.204	196	275502	61.437	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143483.D
Acq On : 20 Aug 2025 13:51
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Aug 20 16:23:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	295585	60.345	ng	98
46) 1,1'-Biphenyl	9.386	154	1031320	57.031	ng	100
47) 2-Chloronaphthalene	9.416	162	816474	57.544	ng	99
48) 2-Nitroaniline	9.510	65	252618	60.835	ng	95
49) Acenaphthylene	9.828	152	1171986	57.687	ng	100
50) Dimethylphthalate	9.681	163	898362	58.546	ng	100
51) 2,6-Dinitrotoluene	9.745	165	196694	61.849	ng	98
52) Acenaphthene	10.004	154	798226	57.868	ng	100
53) 3-Nitroaniline	9.916	138	207068	60.257	ng	99
54) 2,4-Dinitrophenol	10.028	184	105073	62.986	ng	98
55) Dibenzofuran	10.175	168	1110414	56.463	ng	99
56) 4-Nitrophenol	10.086	139	131356	64.242	ng	97
57) 2,4-Dinitrotoluene	10.151	165	263001	61.935	ng	99
58) Fluorene	10.516	166	842185	55.641	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	226735	62.306	ng	99
60) Diethylphthalate	10.381	149	791582	57.538	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	433351	57.247	ng	99
62) 4-Nitroaniline	10.533	138	189435	60.015	ng	98
63) Azobenzene	10.669	77	815353	57.158	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	139830	66.197	ng	95
66) n-Nitrosodiphenylamine	10.622	169	714577	59.270	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	270225	60.454	ng	100
68) Hexachlorobenzene	11.069	284	288119	59.797	ng	99
69) Atrazine	11.145	200	195334	62.765	ng	99
70) Pentachlorophenol	11.263	266	146959	66.597	ng	99
71) Phenanthrene	11.480	178	1160860	57.863	ng	100
72) Anthracene	11.533	178	1164449	57.295	ng	100
73) Carbazole	11.686	167	967633	58.105	ng	99
74) Di-n-butylphthalate	12.010	149	963249	62.003	ng	99
75) Fluoranthene	12.669	202	1037239	57.619	ng	100
77) Benzidine	12.786	184	250962	45.316	ng	99
78) Pyrene	12.898	202	1030970	55.127	ng	99
80) Butylbenzylphthalate	13.510	149	347496	68.017	ng	99
81) Benzo(a)anthracene	14.086	228	897535	61.318	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	257059	61.324	ng	97
83) Chrysene	14.127	228	767443	58.342	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	523115	67.227	ng	99
85) Di-n-octyl phthalate	14.680	149	963857	66.864	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	1232879	61.208	ng	100
88) Benzo(b)fluoranthene	15.157	252	897808	57.622	ng	99
89) Benzo(k)fluoranthene	15.186	252	928660	62.250	ng	100
90) Benzo(a)pyrene	15.533	252	876864	60.630	ng	99
91) Dibenzo(a,h)anthracene	17.145	278	982366	60.896	ng	99
92) Benzo(g,h,i)perylene	17.598	276	985608	61.444	ng	100

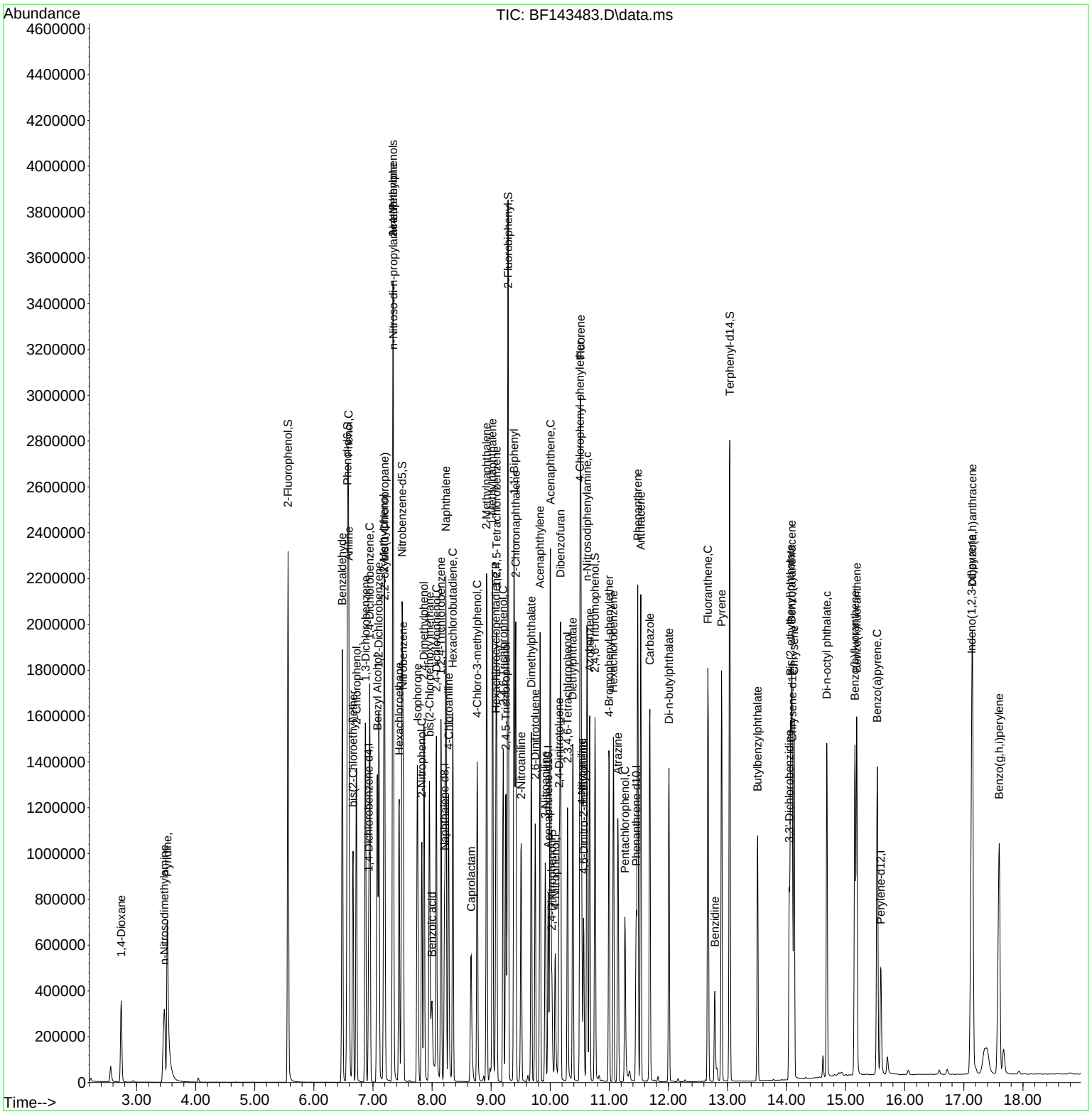
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143483.D
Acq On : 20 Aug 2025 13:51
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Aug 20 16:23:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143484.D
Acq On : 20 Aug 2025 14:20
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 20 16:23:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	125123	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	471095	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	252899	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	380140	20.000	ng		0.00
76) Chrysene-d12	14.104	240	250059	20.000	ng		0.00
86) Perylene-d12	15.598	264	296923	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	1062268	148.245	ng		0.00
7) Phenol-d6	6.575	99	1300018	146.969	ng		0.00
23) Nitrobenzene-d5	7.498	82	1224256	151.649	ng		0.00
42) 2,4,6-Tribromophenol	10.763	330	358471	152.274	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	2022059	132.140	ng		0.00
79) Terphenyl-d14	13.039	244	1808474	126.204	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	261319	78.723	ng		99
3) Pyridine	3.516	79	711417	80.466	ng		98
4) n-Nitrosodimethylamine	3.475	42	324491	81.643	ng		98
6) Aniline	6.593	93	857604	72.534	ng	#	69
8) 2-Chlorophenol	6.722	128	601470	75.996	ng		99
10) Phenol	6.587	94	725059	71.153	ng		89
11) bis(2-Chloroethyl)ether	6.663	93	578357	75.951	ng		99
12) 1,3-Dichlorobenzene	6.875	146	659299	74.140	ng		100
13) 1,4-Dichlorobenzene	6.945	146	652783	73.180	ng		99
14) 1,2-Dichlorobenzene	7.098	146	617296	73.091	ng		99
15) Benzyl Alcohol	7.075	79	521147	78.692	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	852253	69.956	ng		82
17) 2-Methylphenol	7.187	107	480610	75.661	ng		98
18) Hexachloroethane	7.445	117	228092	75.207	ng		95
19) n-Nitroso-di-n-propyla...	7.351	70	391129	72.344	ng		99
20) 3+4-Methylphenols	7.340	107	538601	71.028	ng		97
22) Acetophenone	7.340	105	720554	70.797	ng	#	98
24) Nitrobenzene	7.516	77	634384	76.350	ng		99
25) Isophorone	7.757	82	1136551	76.802	ng		99
26) 2-Nitrophenol	7.828	139	326185	80.143	ng		99
27) 2,4-Dimethylphenol	7.869	122	473860	74.687	ng		99
28) bis(2-Chloroethoxy)met...	7.957	93	673547	74.061	ng		100
29) 2,4-Dichlorophenol	8.075	162	501321	73.984	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	515561	74.002	ng		99
31) Naphthalene	8.234	128	1619392	71.600	ng		99
32) Benzoic acid	8.010	122	302185	79.400	ng		99
33) 4-Chloroaniline	8.281	127	593863	73.979	ng		99
34) Hexachlorobutadiene	8.351	225	333754	73.429	ng		99
35) Caprolactam	8.675	113	136369	83.868	ng		99
36) 4-Chloro-3-methylphenol	8.769	107	507643	74.756	ng		99
37) 2-Methylnaphthalene	8.928	142	1059150	70.116	ng		100
38) 1-Methylnaphthalene	9.028	142	1018285	70.472	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	523305	72.341	ng		99
41) Hexachlorocyclopentadiene	9.081	237	224318	79.823	ng		100
43) 2,4,6-Trichlorophenol	9.204	196	342710	76.993	ng		100
44) 2,4,5-Trichlorophenol	9.251	196	369517	75.999	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143484.D
Acq On : 20 Aug 2025 14:20
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 20 16:23:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.392	154	1261514	70.278	ng	100
47) 2-Chloronaphthalene	9.416	162	1020070	72.427	ng	99
48) 2-Nitroaniline	9.510	65	323688	78.529	ng	97
49) Acenaphthylene	9.828	152	1453334	72.067	ng	99
50) Dimethylphthalate	9.681	163	1146434	75.267	ng	100
51) 2,6-Dinitrotoluene	9.751	165	254308	80.559	ng	99
52) Acenaphthene	10.004	154	996259	72.761	ng	100
53) 3-Nitroaniline	9.922	138	272588	79.912	ng	99
54) 2,4-Dinitrophenol	10.028	184	130385	77.416	ng	97
55) Dibenzofuran	10.175	168	1396682	71.547	ng	99
56) 4-Nitrophenol	10.086	139	183388	90.356	ng	97
57) 2,4-Dinitrotoluene	10.157	165	339818	80.619	ng	99
58) Fluorene	10.522	166	1036620	68.995	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	291172	80.607	ng	100
60) Diethylphthalate	10.386	149	1019464	74.653	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	532970	70.930	ng	100
62) 4-Nitroaniline	10.539	138	253207	80.815	ng	97
63) Azobenzene	10.669	77	1029397	72.699	ng	99
65) 4,6-Dinitro-2-methylph...	10.569	198	190849	89.041	ng	99
66) n-Nitrosodiphenylamine	10.628	169	896806	73.307	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	344616	75.979	ng	98
68) Hexachlorobenzene	11.075	284	369632	75.603	ng	98
69) Atrazine	11.151	200	267710	84.774	ng	98
70) Pentachlorophenol	11.269	266	198658	88.721	ng	100
71) Phenanthrene	11.480	178	1473414	72.378	ng	100
72) Anthracene	11.533	178	1489612	72.232	ng	99
73) Carbazole	11.686	167	1254509	74.240	ng	99
74) Di-n-butylphthalate	12.010	149	1299399	82.429	ng	99
75) Fluoranthene	12.674	202	1310616	71.750	ng	99
77) Benzidine	12.786	184	371810	61.042	ng	100
78) Pyrene	12.904	202	1327454	64.536	ng	100
80) Butylbenzylphthalate	13.510	149	484637	86.247	ng	99
81) Benzo(a)anthracene	14.092	228	1237164	76.847	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	370170	80.290	ng	99
83) Chrysene	14.127	228	1114466	77.031	ng	99
84) Bis(2-ethylhexyl)phtha...	14.069	149	700384	81.836	ng	99
85) Di-n-octyl phthalate	14.686	149	1227818	77.442	ng	100
87) Indeno(1,2,3-cd)pyrene	17.139	276	1538560	72.108	ng	100
88) Benzo(b)fluoranthene	15.157	252	1329385	80.545	ng	99
89) Benzo(k)fluoranthene	15.192	252	1193283	75.511	ng	99
90) Benzo(a)pyrene	15.539	252	1200553	78.365	ng	100
91) Dibenzo(a,h)anthracene	17.157	278	1214959	71.099	ng	100
92) Benzo(g,h,i)perylene	17.604	276	1233571	72.598	ng	99

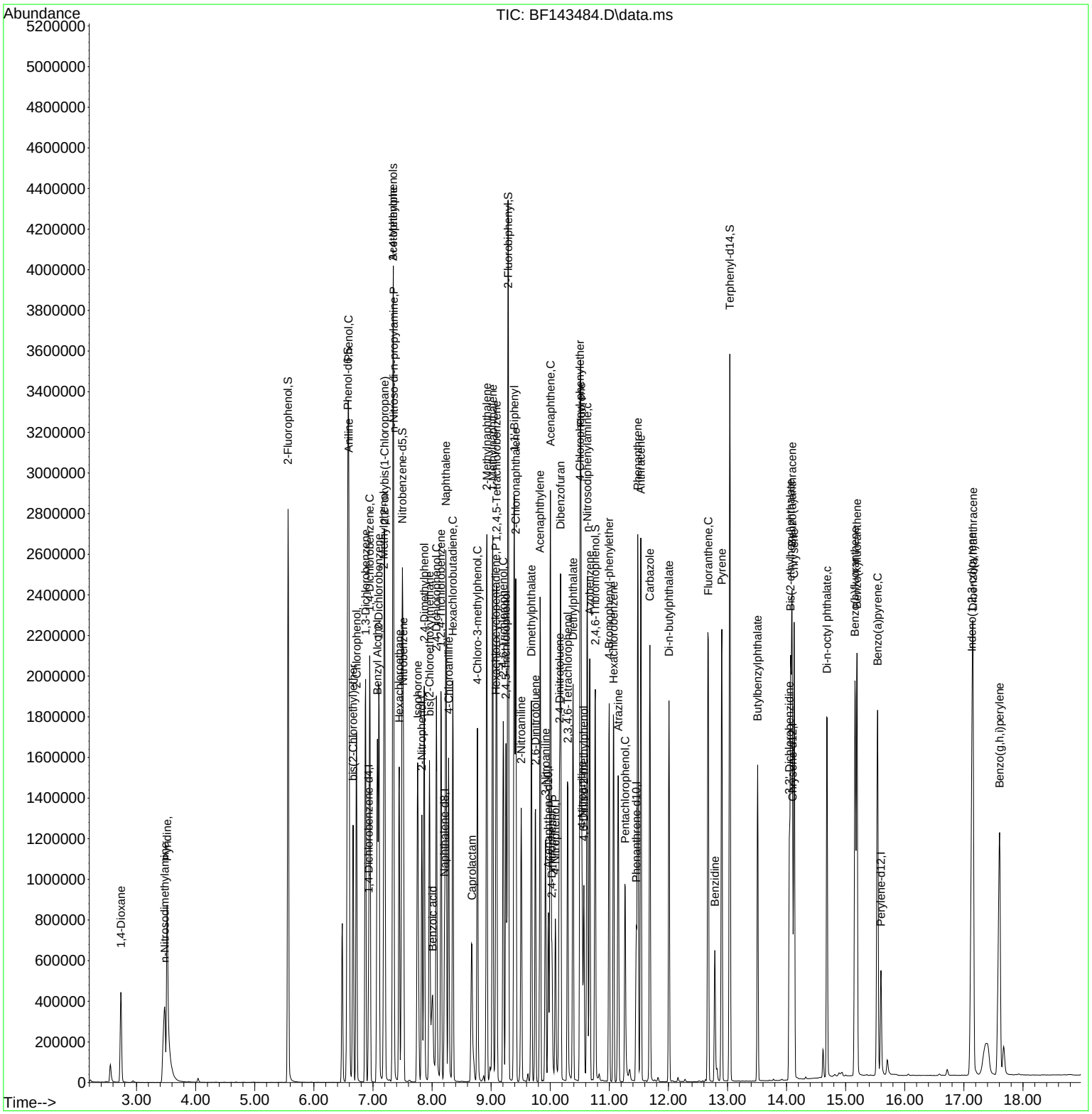
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143484.D
Acq On : 20 Aug 2025 14:20
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 20 16:23:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	147483	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	560799	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	307376	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	481864	20.000	ng	0.00
76) Chrysene-d12	14.098	240	290808	20.000	ng	0.00
86) Perylene-d12	15.598	264	304631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	673963	79.796	ng	0.00
7) Phenol-d6	6.563	99	826142	79.236	ng	-0.01
23) Nitrobenzene-d5	7.492	82	774657	80.608	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	231053	80.753	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1418903	76.290	ng	0.00
79) Terphenyl-d14	13.039	244	1278285	76.705	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	153305	39.182	ng	99
3) Pyridine	3.516	79	420783	40.378	ng	100
4) n-Nitrosodimethylamine	3.457	42	191147	40.802	ng	96
6) Aniline	6.592	93	563974	40.468	ng	98
8) 2-Chlorophenol	6.716	128	375251	40.225	ng	99
9) Benzaldehyde	6.481	77	357456	42.346	ng	100
10) Phenol	6.581	94	487495	40.587	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	359124	40.011	ng	99
12) 1,3-Dichlorobenzene	6.869	146	416344	39.721	ng	99
13) 1,4-Dichlorobenzene	6.945	146	414739	39.445	ng	99
14) 1,2-Dichlorobenzene	7.098	146	395851	39.765	ng	100
15) Benzyl Alcohol	7.069	79	321497	41.185	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	574948	40.039	ng	99
17) 2-Methylphenol	7.181	107	304639	40.687	ng	96
18) Hexachloroethane	7.439	117	145111	40.592	ng	99
19) n-Nitroso-di-n-propyla...	7.339	70	252025	39.547	ng	99
20) 3+4-Methylphenols	7.334	107	362521	40.559	ng	99
22) Acetophenone	7.334	105	472388	38.990	ng	99
24) Nitrobenzene	7.510	77	401365	40.579	ng	99
25) Isophorone	7.751	82	710700	40.343	ng	98
26) 2-Nitrophenol	7.828	139	202267	41.747	ng	99
27) 2,4-Dimethylphenol	7.863	122	299505	39.655	ng	98
28) bis(2-Chloroethoxy)met...	7.951	93	435322	40.210	ng	100
29) 2,4-Dichlorophenol	8.069	162	324407	40.217	ng	97
30) 1,2,4-Trichlorobenzene	8.151	180	326797	39.404	ng	99
31) Naphthalene	8.233	128	1050936	39.033	ng	100
32) Benzoic acid	7.986	122	174224	41.489	ng	98
33) 4-Chloroaniline	8.281	127	384473	40.234	ng	100
34) Hexachlorobutadiene	8.351	225	213848	39.523	ng	99
35) Caprolactam	8.651	113	86788	44.838	ng	95
36) 4-Chloro-3-methylphenol	8.763	107	327951	40.569	ng	99
37) 2-Methylnaphthalene	8.922	142	699087	38.877	ng	99
38) 1-Methylnaphthalene	9.022	142	675310	39.260	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	341006	38.786	ng	99
41) Hexachlorocyclopentadiene	9.080	237	123767	39.756	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	222378	41.105	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

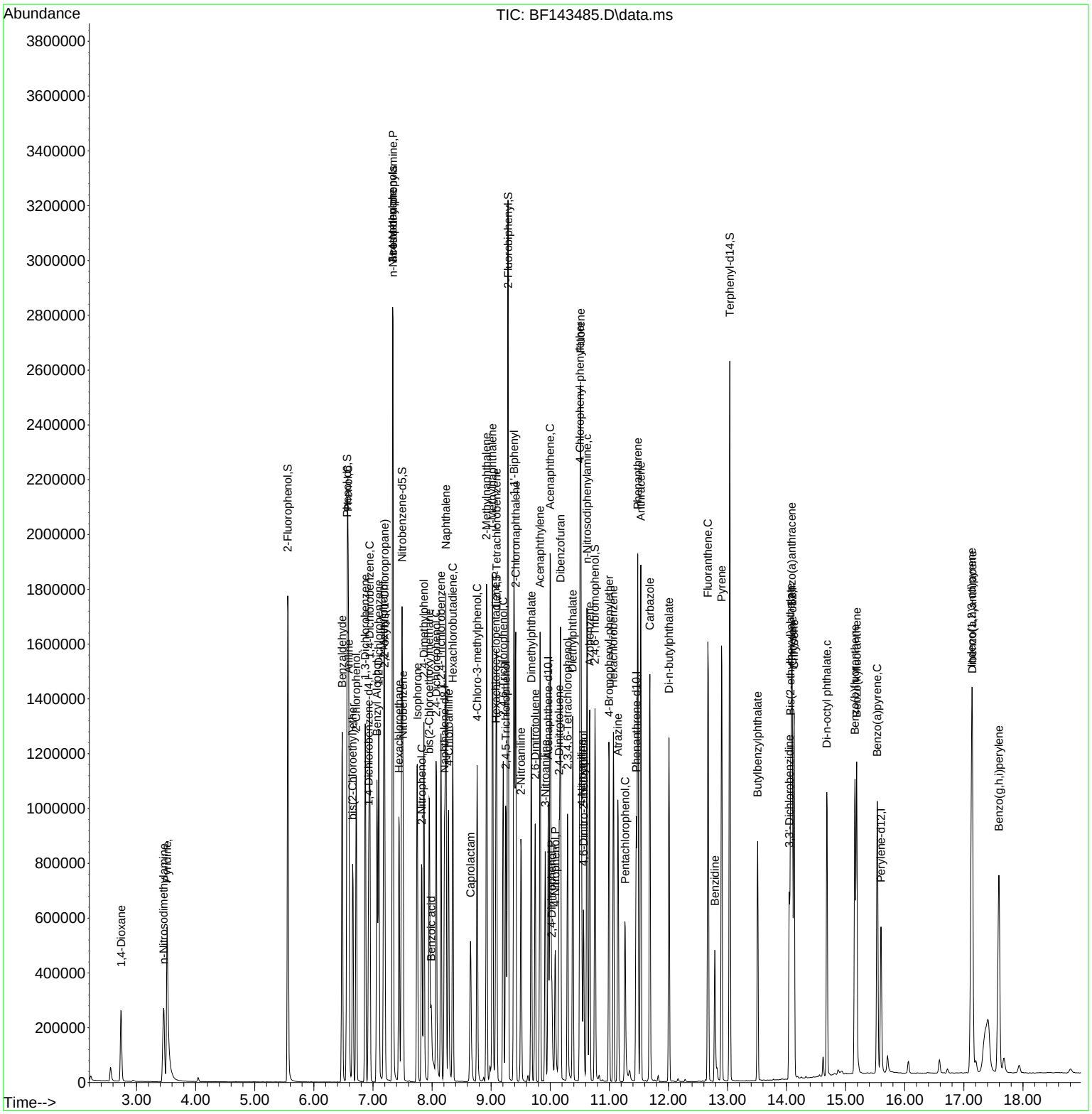
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	231521	39.178	ng	98
46) 1,1'-Biphenyl	9.386	154	850787	38.997	ng	100
47) 2-Chloronaphthalene	9.416	162	668760	39.068	ng	99
48) 2-Nitroaniline	9.504	65	209716	41.861	ng	99
49) Acenaphthylene	9.827	152	969574	39.557	ng	99
50) Dimethylphthalate	9.680	163	757804	40.935	ng	100
51) 2,6-Dinitrotoluene	9.745	165	162905	42.459	ng	98
52) Acenaphthene	9.998	154	664685	39.941	ng	100
53) 3-Nitroaniline	9.916	138	176223	42.506	ng	98
54) 2,4-Dinitrophenol	10.027	184	84522	43.761	ng	99
55) Dibenzofuran	10.175	168	925864	39.023	ng	99
56) 4-Nitrophenol	10.086	139	114429	46.387	ng	99
57) 2,4-Dinitrotoluene	10.151	165	221231	43.183	ng	97
58) Fluorene	10.516	166	710368	38.901	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	187764	42.767	ng	100
60) Diethylphthalate	10.380	149	692256	41.708	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	358628	39.269	ng	99
62) 4-Nitroaniline	10.533	138	167278	43.927	ng	99
63) Azobenzene	10.669	77	688082	39.982	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	119136	43.849	ng	97
66) n-Nitrosodiphenylamine	10.622	169	608072	39.212	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	231727	40.305	ng	99
68) Hexachlorobenzene	11.069	284	245068	39.544	ng	98
69) Atrazine	11.145	200	174902	43.693	ng	99
70) Pentachlorophenol	11.269	266	124649	43.916	ng	99
71) Phenanthrene	11.480	178	1012486	39.237	ng	100
72) Anthracene	11.533	178	1029696	39.390	ng	100
73) Carbazole	11.686	167	865651	40.413	ng	100
74) Di-n-butylphthalate	12.010	149	869364	43.507	ng	99
75) Fluoranthene	12.668	202	932217	40.261	ng	100
77) Benzidine	12.786	184	283076	39.962	ng	99
78) Pyrene	12.898	202	930449	38.897	ng	100
80) Butylbenzylphthalate	13.510	149	271515	41.549	ng	99
81) Benzo(a)anthracene	14.086	228	763549	40.783	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	208975	38.975	ng	99
83) Chrysene	14.127	228	651325	38.711	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	388068	38.990	ng	99
85) Di-n-octyl phthalate	14.680	149	700201	37.975	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	859881	39.281	ng	99
88) Benzo(b)fluoranthene	15.157	252	667733	39.433	ng	100
89) Benzo(k)fluoranthene	15.186	252	664593	40.992	ng	100
90) Benzo(a)pyrene	15.533	252	631989	40.208	ng	99
91) Dibenzo(a,h)anthracene	17.145	278	690364	39.378	ng	99
92) Benzo(g,h,i)perylene	17.592	276	697169	39.992	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 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	0.531	0.520	2.1	104	0.00
3		Pyridine	1.413	1.427	-1.0	106	0.00
4		n-Nitrosodimethylamine	0.635	0.648	-2.0	108	-0.02
5	S	2-Fluorophenol	1.145	1.142	0.3	107	0.00
6		Aniline	1.890	1.912	-1.2	108	0.00
7	S	Phenol-d6	1.414	1.400	1.0	107	-0.01
8		2-Chlorophenol	1.265	1.272	-0.6	107	0.00
9		Benzaldehyde	1.145	1.212	-5.9	108	0.00
10	C	Phenol	1.629	1.653	-1.5	107	0.00
11		bis(2-Chloroethyl)ether	1.217	1.218	-0.1	107	0.00
12		1,3-Dichlorobenzene	1.421	1.411	0.7	107	0.00
13	C	1,4-Dichlorobenzene	1.426	1.406	1.4	107	0.00
14		1,2-Dichlorobenzene	1.350	1.342	0.6	107	0.00
15		Benzyl Alcohol	1.059	1.090	-2.9	108	0.00
16		2,2'-oxybis(1-Chloropropane	1.947	1.949	-0.1	107	0.00
17		2-Methylphenol	1.015	1.033	-1.8	109	0.00
18		Hexachloroethane	0.485	0.492	-1.4	107	0.00
19	P	n-Nitroso-di-n-propylamine	0.864	0.854	1.2	108	-0.01
20		3+4-Methylphenols	1.212	1.229	-1.4	108	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	107	0.00
22		Acetophenone	0.432	0.421	2.5	108	0.00
23	S	Nitrobenzene-d5	0.343	0.345	-0.6	108	0.00
24		Nitrobenzene	0.353	0.358	-1.4	108	0.00
25		Isophorone	0.628	0.634	-1.0	110	0.00
26	C	2-Nitrophenol	0.173	0.180	-4.0	109	0.00
27		2,4-Dimethylphenol	0.269	0.267	0.7	106	0.00
28		bis(2-Chloroethoxy)methane	0.386	0.388	-0.5	108	0.00
29	C	2,4-Dichlorophenol	0.288	0.289	-0.3	108	0.00
30		1,2,4-Trichlorobenzene	0.296	0.291	1.7	107	0.00
31		Naphthalene	0.960	0.937	2.4	107	0.00
32		Benzoic acid	0.137	0.155	-13.1	115	-0.02
33		4-Chloroaniline	0.341	0.343	-0.6	107	0.00
34	C	Hexachlorobutadiene	0.193	0.191	1.0	107	0.00
35		Caprolactam	0.069	0.077	-11.6	117	-0.02
36	C	4-Chloro-3-methylphenol	0.288	0.292	-1.4	109	0.00
37		2-Methylnaphthalene	0.641	0.623	2.8	106	0.00
38		1-Methylnaphthalene	0.613	0.602	1.8	107	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	0.572	0.555	3.0	107	0.00
41	P	Hexachlorocyclopentadiene	0.184	0.201	-9.2	110	0.00
42	S	2,4,6-Tribromophenol	0.186	0.188	-1.1	109	0.00
43	C	2,4,6-Trichlorophenol	0.352	0.362	-2.8	108	0.00
44		2,4,5-Trichlorophenol	0.385	0.377	2.1	107	0.00
45	S	2-Fluorobiphenyl	1.210	1.154	4.6	108	0.00
46		1,1'-Biphenyl	1.420	1.384	2.5	108	0.00
47		2-Chloronaphthalene	1.114	1.088	2.3	107	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 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	0.326	0.341	-4.6	110	0.00
49		Acenaphthylene	1.595	1.577	1.1	108	0.00
50		Dimethylphthalate	1.205	1.233	-2.3	112	0.00
51		2,6-Dinitrotoluene	0.250	0.265	-6.0	111	0.00
52	C	Acenaphthene	1.083	1.081	0.2	109	0.00
53		3-Nitroaniline	0.270	0.287	-6.3	112	0.00
54	P	2,4-Dinitrophenol	0.115	0.137	-19.1	125	0.00
55		Dibenzofuran	1.544	1.506	2.5	107	0.00
56	P	4-Nitrophenol	0.161	0.186	-15.5	118	0.00
57		2,4-Dinitrotoluene	0.333	0.360	-8.1	111	0.00
58		Fluorene	1.188	1.156	2.7	108	0.00
59		2,3,4,6-Tetrachlorophenol	0.286	0.305	-6.6	112	0.00
60		Diethylphthalate	1.080	1.126	-4.3	113	0.00
61		4-Chlorophenyl-phenylether	0.594	0.583	1.9	108	0.00
62		4-Nitroaniline	0.248	0.272	-9.7	115	0.00
63		Azobenzene	1.120	1.119	0.1	108	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	110	0.00
65		4,6-Dinitro-2-methylphenol	0.113	0.124	-9.7	115	0.00
66	c	n-Nitrosodiphenylamine	0.644	0.631	2.0	109	0.00
67		4-Bromophenyl-phenylether	0.239	0.240	-0.4	110	0.00
68		Hexachlorobenzene	0.257	0.254	1.2	109	0.00
69		Atrazine	0.166	0.181	-9.0	119	0.00
70	C	Pentachlorophenol	0.118	0.129	-9.3	115	0.00
71		Phenanthrene	1.071	1.051	1.9	112	0.00
72		Anthracene	1.085	1.068	1.6	110	0.00
73		Carbazole	0.889	0.898	-1.0	112	0.00
74		Di-n-butylphthalate	0.829	0.902	-8.8	117	0.00
75	C	Fluoranthene	0.961	0.967	-0.6	113	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	116	0.00
77		Benzidine	0.487	0.487	0.0	110	0.00
78		Pyrene	1.645	1.600	2.7	114	0.00
79	S	Terphenyl-d14	1.146	1.099	4.1	113	0.00
80		Butylbenzylphthalate	0.449	0.467	-4.0	116	0.00
81		Benzo(a)anthracene	1.288	1.313	-1.9	116	0.00
82		3,3'-Dichlorobenzidine	0.369	0.359	2.7	112	0.00
83		Chrysene	1.157	1.120	3.2	117	0.00
84		Bis(2-ethylhexyl)phthalate	0.685	0.667	2.6	109	0.00
85	c	Di-n-octyl phthalate	1.268	1.204	5.0	108	0.00
86	I	Perylene-d12	1.000	1.000	0.0	106	0.00
87		Indeno(1,2,3-cd)pyrene	1.437	1.411	1.8	103	0.00
88		Benzo(b)fluoranthene	1.112	1.096	1.4	108	0.00
89		Benzo(k)fluoranthene	1.064	1.091	-2.5	107	0.00
90	C	Benzo(a)pyrene	1.032	1.037	-0.5	106	0.00
91		Dibenzo(a,h)anthracene	1.151	1.133	1.6	103	-0.01
92		Benzo(g,h,i)perylene	1.145	1.144	0.1	105	-0.01

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 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\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 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	39.182	2.0	104	0.00
3		Pyridine	40.000	40.378	-0.9	106	0.00
4		n-Nitrosodimethylamine	40.000	40.802	-2.0	108	-0.02
5	S	2-Fluorophenol	80.000	79.796	0.3	107	0.00
6		Aniline	40.000	40.468	-1.2	108	0.00
7	S	Phenol-d6	80.000	79.236	1.0	107	-0.01
8		2-Chlorophenol	40.000	40.225	-0.6	107	0.00
9		Benzaldehyde	40.000	42.346	-5.9	108	0.00
10	C	Phenol	40.000	40.587	-1.5	107	0.00
11		bis(2-Chloroethyl)ether	40.000	40.011	-0.0	107	0.00
12		1,3-Dichlorobenzene	40.000	39.721	0.7	107	0.00
13	C	1,4-Dichlorobenzene	40.000	39.445	1.4	107	0.00
14		1,2-Dichlorobenzene	40.000	39.765	0.6	107	0.00
15		Benzyl Alcohol	40.000	41.185	-3.0	108	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	40.039	-0.1	107	0.00
17		2-Methylphenol	40.000	40.687	-1.7	109	0.00
18		Hexachloroethane	40.000	40.592	-1.5	107	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.547	1.1	108	-0.01
20		3+4-Methylphenols	40.000	40.559	-1.4	108	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	107	0.00
22		Acetophenone	40.000	38.990	2.5	108	0.00
23	S	Nitrobenzene-d5	80.000	80.608	-0.8	108	0.00
24		Nitrobenzene	40.000	40.579	-1.4	108	0.00
25		Isophorone	40.000	40.343	-0.9	110	0.00
26	C	2-Nitrophenol	40.000	41.747	-4.4	109	0.00
27		2,4-Dimethylphenol	40.000	39.655	0.9	106	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.210	-0.5	108	0.00
29	C	2,4-Dichlorophenol	40.000	40.217	-0.5	108	0.00
30		1,2,4-Trichlorobenzene	40.000	39.404	1.5	107	0.00
31		Naphthalene	40.000	39.033	2.4	107	0.00
32		Benzoic acid	40.000	41.489	-3.7	115	-0.02
33		4-Chloroaniline	40.000	40.234	-0.6	107	0.00
34	C	Hexachlorobutadiene	40.000	39.523	1.2	107	0.00
35		Caprolactam	40.000	44.838	-12.1	117	-0.02
36	C	4-Chloro-3-methylphenol	40.000	40.569	-1.4	109	0.00
37		2-Methylnaphthalene	40.000	38.877	2.8	106	0.00
38		1-Methylnaphthalene	40.000	39.260	1.9	107	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.786	3.0	107	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.756	0.6	110	0.00
42	S	2,4,6-Tribromophenol	80.000	80.753	-0.9	109	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.105	-2.8	108	0.00
44		2,4,5-Trichlorophenol	40.000	39.178	2.1	107	0.00
45	S	2-Fluorobiphenyl	80.000	76.290	4.6	108	0.00
46		1,1'-Biphenyl	40.000	38.997	2.5	108	0.00
47		2-Chloronaphthalene	40.000	39.068	2.3	107	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	41.861	-4.7	110	0.00
49		Acenaphthylene	40.000	39.557	1.1	108	0.00
50		Dimethylphthalate	40.000	40.935	-2.3	112	0.00
51		2,6-Dinitrotoluene	40.000	42.459	-6.1	111	0.00
52	C	Acenaphthene	40.000	39.941	0.1	109	0.00
53		3-Nitroaniline	40.000	42.506	-6.3	112	0.00
54	P	2,4-Dinitrophenol	40.000	43.761	-9.4	125	0.00
55		Dibenzofuran	40.000	39.023	2.4	107	0.00
56	P	4-Nitrophenol	40.000	46.387	-16.0	118	0.00
57		2,4-Dinitrotoluene	40.000	43.183	-8.0	111	0.00
58		Fluorene	40.000	38.901	2.7	108	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.767	-6.9	112	0.00
60		Diethylphthalate	40.000	41.708	-4.3	113	0.00
61		4-Chlorophenyl-phenylether	40.000	39.269	1.8	108	0.00
62		4-Nitroaniline	40.000	43.927	-9.8	115	0.00
63		Azobenzene	40.000	39.982	0.0	108	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	110	0.00
65		4,6-Dinitro-2-methylphenol	40.000	43.849	-9.6	115	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.212	2.0	109	0.00
67		4-Bromophenyl-phenylether	40.000	40.305	-0.8	110	0.00
68		Hexachlorobenzene	40.000	39.544	1.1	109	0.00
69		Atrazine	40.000	43.693	-9.2	119	0.00
70	C	Pentachlorophenol	40.000	43.916	-9.8	115	0.00
71		Phenanthrene	40.000	39.237	1.9	112	0.00
72		Anthracene	40.000	39.390	1.5	110	0.00
73		Carbazole	40.000	40.413	-1.0	112	0.00
74		Di-n-butylphthalate	40.000	43.507	-8.8	117	0.00
75	C	Fluoranthene	40.000	40.261	-0.7	113	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	116	0.00
77		Benzidine	40.000	39.962	0.1	110	0.00
78		Pyrene	40.000	38.897	2.8	114	0.00
79	S	Terphenyl-d14	80.000	76.705	4.1	113	0.00
80		Butylbenzylphthalate	40.000	41.549	-3.9	116	0.00
81		Benzo(a)anthracene	40.000	40.783	-2.0	116	0.00
82		3,3'-Dichlorobenzidine	40.000	38.975	2.6	112	0.00
83		Chrysene	40.000	38.711	3.2	117	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	38.990	2.5	109	0.00
85	c	Di-n-octyl phthalate	40.000	37.975	5.1	108	0.00
86	I	Perylene-d12	20.000	20.000	0.0	106	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	39.281	1.8	103	0.00
88		Benzo(b)fluoranthene	40.000	39.433	1.4	108	0.00
89		Benzo(k)fluoranthene	40.000	40.992	-2.5	107	0.00
90	C	Benzo(a)pyrene	40.000	40.208	-0.5	106	0.00
91		Dibenzo(a,h)anthracene	40.000	39.378	1.6	103	-0.01
92		Benzo(g,h,i)perylene	40.000	39.992	0.0	105	-0.01

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 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: **BF143498.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: AECO02

Lab Code: ACE SDG No.: Q2900

Instrument ID: BNA_F Calibration Date/Time: 08/20/2025 22:05

Lab File ID: BF143498.D Init. Calib. Date(s): 08/20/2025 08/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:55 14:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.145	1.150		0.4	
Benzaldehyde	1.145	1.081		-5.6	
Phenol-d6	1.414	1.395		-1.3	
Phenol	1.629	1.649		1.2	20.0
bis(2-Chloroethyl)ether	1.217	1.211		-0.5	
2-Chlorophenol	1.265	1.270		0.4	
2-Methylphenol	1.015	1.021		0.6	
2,2-oxybis(1-Chloropropane)	1.947	1.949		0.1	
Acetophenone	0.432	0.424		-1.9	
3+4-Methylphenols	1.212	1.222		0.8	
n-Nitroso-di-n-propylamine	0.864	0.852	0.050	-1.4	
Nitrobenzene-d5	0.343	0.349		1.7	
Hexachloroethane	0.485	0.481		-0.8	
Nitrobenzene	0.353	0.362		2.5	
Isophorone	0.628	0.635		1.1	
2-Nitrophenol	0.173	0.181		4.6	20.0
2,4-Dimethylphenol	0.269	0.270		0.4	
bis(2-Chloroethoxy)methane	0.386	0.385		-0.3	
2,4-Dichlorophenol	0.288	0.290		0.7	20.0
Naphthalene	0.960	0.933		-2.8	
4-Chloroaniline	0.341	0.343		0.6	
Hexachlorobutadiene	0.193	0.192		-0.5	20.0
Caprolactam	0.069	0.078		13.0	
4-Chloro-3-methylphenol	0.288	0.293		1.7	20.0
2-Methylnaphthalene	0.641	0.630		-1.7	
Hexachlorocyclopentadiene	0.184	0.163	0.050	-11.4	
2,4,6-Trichlorophenol	0.352	0.356		1.1	20.0
2-Fluorobiphenyl	1.210	1.135		-6.2	
2,4,5-Trichlorophenol	0.385	0.377		-2.1	
1,1-Biphenyl	1.420	1.373		-3.3	
2-Chloronaphthalene	1.114	1.101		-1.2	
2-Nitroaniline	0.326	0.341		4.6	
Dimethylphthalate	1.205	1.228		1.9	
Acenaphthylene	1.595	1.574		-1.3	
2,6-Dinitrotoluene	0.250	0.262		4.8	
3-Nitroaniline	0.270	0.286		5.9	
Acenaphthene	1.083	1.061		-2.0	20.0
2,4-Dinitrophenol	0.115	0.099	0.050	-13.9	
4-Nitrophenol	0.161	0.174	0.050	8.1	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2900

Instrument ID: BNA_F Calibration Date/Time: 08/20/2025 22:05

Lab File ID: BF143498.D Init. Calib. Date(s): 08/20/2025 08/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:55 14:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.544	1.518		-1.7	
2,4-Dinitrotoluene	0.333	0.354		6.3	
Diethylphthalate	1.080	1.104		2.2	
4-Chlorophenyl-phenylether	0.594	0.578		-2.7	
Fluorene	1.188	1.156		-2.7	
4-Nitroaniline	0.248	0.268		8.1	
4,6-Dinitro-2-methylphenol	0.113	0.110		-2.7	
n-Nitrosodiphenylamine	0.644	0.627		-2.6	20.0
2,4,6-Tribromophenol	0.186	0.184		-1.1	
4-Bromophenyl-phenylether	0.239	0.237		-0.8	
Hexachlorobenzene	0.257	0.247		-3.9	
Atrazine	0.166	0.185		11.4	
Pentachlorophenol	0.118	0.119		0.8	20.0
Phenanthrene	1.071	1.039		-3.0	
Anthracene	1.085	1.059		-2.4	
Carbazole	0.889	0.887		-0.2	
Di-n-butylphthalate	0.829	0.911		9.9	
Fluoranthene	0.961	0.962		0.1	20.0
Pyrene	1.645	1.665		1.2	
Terphenyl-d14	1.146	1.151		0.4	
Butylbenzylphthalate	0.449	0.480		6.9	
3,3-Dichlorobenzidine	0.369	0.369		0.0	
Benzo(a)anthracene	1.288	1.254		-2.6	
Chrysene	1.157	1.176		1.6	
Bis(2-ethylhexyl)phthalate	0.685	0.667		-2.6	
Di-n-octyl phthalate	1.268	1.215		-4.2	20.0
Benzo(b)fluoranthene	1.112	1.107		-0.4	
Benzo(k)fluoranthene	1.064	1.049		-1.4	
Benzo(a)pyrene	1.032	1.033		0.1	20.0
Indeno(1,2,3-cd)pyrene	1.437	1.484		3.3	
Dibenzo(a,h)anthracene	1.151	1.194		3.7	
Benzo(g,h,i)perylene	1.145	1.178		2.9	
1,2,4,5-Tetrachlorobenzene	0.572	0.553		-3.3	
1,4-Dioxane	0.531	0.507		-4.5	20.0
2,3,4,6-Tetrachlorophenol	0.286	0.296		3.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143498.D
Acq On : 20 Aug 2025 22:05
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 21 06:37:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	138596	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	522619	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	286971	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	448105	20.000	ng	0.00
76) Chrysene-d12	14.098	240	253253	20.000	ng	0.00
86) Perylene-d12	15.592	264	290056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	637738	80.348	ng	0.00
7) Phenol-d6	6.563	99	773234	78.917	ng	-0.01
23) Nitrobenzene-d5	7.487	82	729626	81.469	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	211727	79.261	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1303360	75.061	ng	0.00
79) Terphenyl-d14	13.033	244	1165752	80.326	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	140603	38.239	ng	98
3) Pyridine	3.516	79	375727	38.366	ng	98
4) n-Nitrosodimethylamine	3.463	42	178227	40.483	ng	96
6) Aniline	6.593	93	522533	39.899	ng	97
8) 2-Chlorophenol	6.716	128	352106	40.164	ng	100
9) Benzaldehyde	6.481	77	299609	37.769	ng	99
10) Phenol	6.581	94	457188	40.504	ng	96
11) bis(2-Chloroethyl)ether	6.657	93	335666	39.795	ng	100
12) 1,3-Dichlorobenzene	6.869	146	387151	39.304	ng	99
13) 1,4-Dichlorobenzene	6.945	146	392595	39.733	ng	99
14) 1,2-Dichlorobenzene	7.098	146	368248	39.364	ng	99
15) Benzyl Alcohol	7.069	79	295313	40.257	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	540115	40.025	ng	98
17) 2-Methylphenol	7.181	107	283139	40.241	ng	97
18) Hexachloroethane	7.440	117	133370	39.700	ng	97
19) n-Nitroso-di-n-propyla...	7.340	70	236284	39.455	ng	99
20) 3+4-Methylphenols	7.334	107	338683	40.322	ng	99
22) Acetophenone	7.334	105	443559	39.285	ng	98
24) Nitrobenzene	7.510	77	377880	40.995	ng	100
25) Isophorone	7.745	82	663816	40.435	ng	100
26) 2-Nitrophenol	7.822	139	189065	41.873	ng	96
27) 2,4-Dimethylphenol	7.863	122	282610	40.152	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	402537	39.898	ng	99
29) 2,4-Dichlorophenol	8.069	162	303216	40.336	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	300881	38.930	ng	99
31) Naphthalene	8.234	128	975102	38.863	ng	100
32) Benzoic acid	7.981	122	142723	37.123	ng	99
33) 4-Chloroaniline	8.275	127	358457	40.252	ng	98
34) Hexachlorobutadiene	8.351	225	200566	39.776	ng	100
35) Caprolactam	8.651	113	81048	44.931	ng	94
36) 4-Chloro-3-methylphenol	8.763	107	306743	40.718	ng	99
37) 2-Methylnaphthalene	8.922	142	658303	39.283	ng	100
38) 1-Methylnaphthalene	9.022	142	632252	39.442	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	317550	38.686	ng	100
41) Hexachlorocyclopentadiene	9.081	237	93698	33.457	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	204187	40.426	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143498.D
Acq On : 20 Aug 2025 22:05
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 21 06:37:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

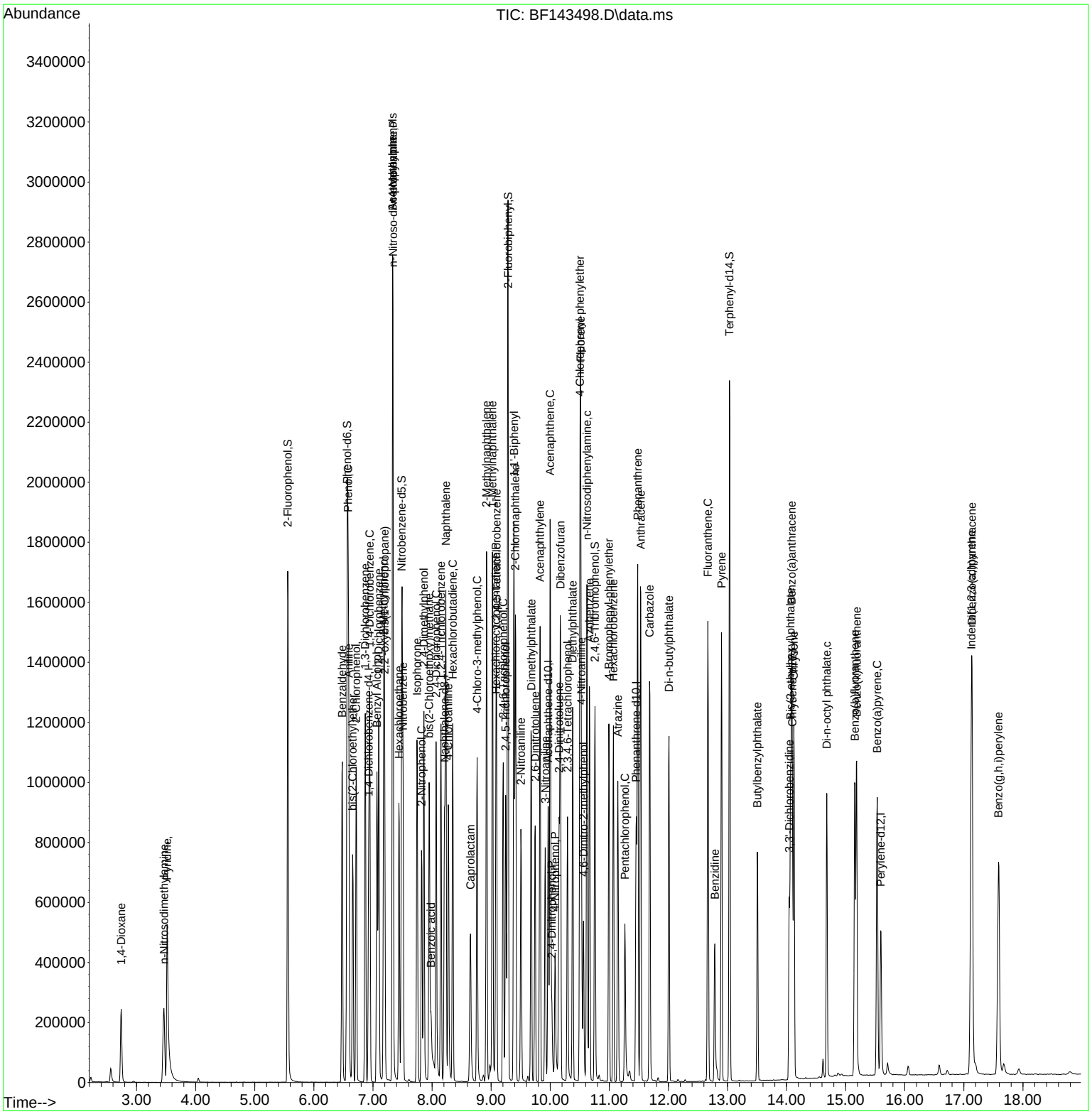
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	216241	39.194	ng	99
46) 1,1'-Biphenyl	9.386	154	788125	38.693	ng	100
47) 2-Chloronaphthalene	9.410	162	631796	39.533	ng	98
48) 2-Nitroaniline	9.504	65	195526	41.804	ng	99
49) Acenaphthylene	9.828	152	903587	39.486	ng	100
50) Dimethylphthalate	9.681	163	704558	40.765	ng	100
51) 2,6-Dinitrotoluene	9.745	165	150329	41.967	ng	99
52) Acenaphthene	9.998	154	609043	39.200	ng	100
53) 3-Nitroaniline	9.916	138	164001	42.370	ng	100
54) 2,4-Dinitrophenol	10.028	184	56727	32.946	ng	99
55) Dibenzofuran	10.175	168	871391	39.338	ng	99
56) 4-Nitrophenol	10.081	139	99803	43.335	ng	93
57) 2,4-Dinitrotoluene	10.151	165	203299	42.505	ng	98
58) Fluorene	10.516	166	663350	38.909	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	169934	41.458	ng	99
60) Diethylphthalate	10.381	149	633362	40.873	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	331842	38.920	ng	99
62) 4-Nitroaniline	10.528	138	154077	43.337	ng	96
63) Azobenzene	10.663	77	653457	40.670	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	98928	39.155	ng	99
66) n-Nitrosodiphenylamine	10.622	169	562277	38.990	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	212441	39.734	ng	96
68) Hexachlorobenzene	11.069	284	221451	38.425	ng	98
69) Atrazine	11.145	200	166044	44.605	ng	99
70) Pentachlorophenol	11.263	266	107054	40.559	ng	100
71) Phenanthrene	11.480	178	931062	38.800	ng	100
72) Anthracene	11.533	178	949077	39.041	ng	100
73) Carbazole	11.680	167	795296	39.926	ng	99
74) Di-n-butylphthalate	12.010	149	816139	43.920	ng	99
75) Fluoranthene	12.669	202	862364	40.050	ng	100
77) Benzidine	12.786	184	284041	46.044	ng	99
78) Pyrene	12.898	202	843384	40.485	ng	100
80) Butylbenzylphthalate	13.504	149	242873	42.677	ng	97
81) Benzo(a)anthracene	14.086	228	635317	38.965	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	187129	40.076	ng	99
83) Chrysene	14.121	228	595706	40.656	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	337867	38.980	ng	99
85) Di-n-octyl phthalate	14.680	149	615416	38.327	ng	99
87) Indeno(1,2,3-cd)pyrene	17.127	276	861001	41.308	ng	100
88) Benzo(b)fluoranthene	15.157	252	642454	39.847	ng	100
89) Benzo(k)fluoranthene	15.186	252	608451	39.415	ng	99
90) Benzo(a)pyrene	15.533	252	599182	40.037	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	692716	41.497	ng	99
92) Benzo(g,h,i)perylene	17.586	276	683631	41.185	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143498.D
Acq On : 20 Aug 2025 22:05
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 21 06:37:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration



Sample Results: **BF143498.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143498.D
Acq On : 20 Aug 2025 22:05
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 21 06:37:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 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	101	0.00
2		1,4-Dioxane	0.531	0.507	4.5	95	0.00
3		Pyridine	1.413	1.355	4.1	95	0.00
4		n-Nitrosodimethylamine	0.635	0.643	-1.3	101	-0.01
5	S	2-Fluorophenol	1.145	1.150	-0.4	102	0.00
6		Aniline	1.890	1.885	0.3	100	0.00
7	S	Phenol-d6	1.414	1.395	1.3	100	-0.01
8		2-Chlorophenol	1.265	1.270	-0.4	101	0.00
9		Benzaldehyde	1.145	1.081	5.6	91	0.00
10	C	Phenol	1.629	1.649	-1.2	101	0.00
11		bis(2-Chloroethyl)ether	1.217	1.211	0.5	100	0.00
12		1,3-Dichlorobenzene	1.421	1.397	1.7	99	0.00
13	C	1,4-Dichlorobenzene	1.426	1.416	0.7	101	0.00
14		1,2-Dichlorobenzene	1.350	1.328	1.6	99	0.00
15		Benzyl Alcohol	1.059	1.065	-0.6	99	0.00
16		2,2'-oxybis(1-Chloropropane	1.947	1.949	-0.1	100	0.00
17		2-Methylphenol	1.015	1.021	-0.6	102	0.00
18		Hexachloroethane	0.485	0.481	0.8	99	0.00
19	P	n-Nitroso-di-n-propylamine	0.864	0.852	1.4	102	-0.01
20		3+4-Methylphenols	1.212	1.222	-0.8	101	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	100	0.00
22		Acetophenone	0.432	0.424	1.9	102	0.00
23	S	Nitrobenzene-d5	0.343	0.349	-1.7	102	-0.01
24		Nitrobenzene	0.353	0.362	-2.5	102	0.00
25		Isophorone	0.628	0.635	-1.1	102	-0.01
26	C	2-Nitrophenol	0.173	0.181	-4.6	102	0.00
27		2,4-Dimethylphenol	0.269	0.270	-0.4	100	0.00
28		bis(2-Chloroethoxy)methane	0.386	0.385	0.3	100	0.00
29	C	2,4-Dichlorophenol	0.288	0.290	-0.7	101	0.00
30		1,2,4-Trichlorobenzene	0.296	0.288	2.7	99	0.00
31		Naphthalene	0.960	0.933	2.8	99	0.00
32		Benzoic acid	0.137	0.137	0.0	94	-0.03
33		4-Chloroaniline	0.341	0.343	-0.6	100	0.00
34	C	Hexachlorobutadiene	0.193	0.192	0.5	100	0.00
35		Caprolactam	0.069	0.078	-13.0	110	-0.02
36	C	4-Chloro-3-methylphenol	0.288	0.293	-1.7	102	0.00
37		2-Methylnaphthalene	0.641	0.630	1.7	100	0.00
38		1-Methylnaphthalene	0.613	0.605	1.3	100	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	101	0.00
40		1,2,4,5-Tetrachlorobenzene	0.572	0.553	3.3	99	0.00
41	P	Hexachlorocyclopentadiene	0.184	0.163	11.4	84	0.00
42	S	2,4,6-Tribromophenol	0.186	0.184	1.1	100	0.00
43	C	2,4,6-Trichlorophenol	0.352	0.356	-1.1	99	0.00
44		2,4,5-Trichlorophenol	0.385	0.377	2.1	100	0.00
45	S	2-Fluorobiphenyl	1.210	1.135	6.2	100	0.00
46		1,1'-Biphenyl	1.420	1.373	3.3	100	0.00
47		2-Chloronaphthalene	1.114	1.101	1.2	101	0.00

Sample Results: **BF143498.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143498.D
Acq On : 20 Aug 2025 22:05
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 21 06:37:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 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	0.326	0.341	-4.6	103	0.00
49		Acenaphthylene	1.595	1.574	1.3	101	0.00
50		Dimethylphthalate	1.205	1.228	-1.9	104	0.00
51		2,6-Dinitrotoluene	0.250	0.262	-4.8	102	0.00
52	C	Acenaphthene	1.083	1.061	2.0	100	0.00
53		3-Nitroaniline	0.270	0.286	-5.9	104	0.00
54	P	2,4-Dinitrophenol	0.115	0.099	13.9	84	0.00
55		Dibenzofuran	1.544	1.518	1.7	101	0.00
56	P	4-Nitrophenol	0.161	0.174	-8.1	103	0.00
57		2,4-Dinitrotoluene	0.333	0.354	-6.3	102	0.00
58		Fluorene	1.188	1.156	2.7	101	0.00
59		2,3,4,6-Tetrachlorophenol	0.286	0.296	-3.5	101	0.00
60		Diethylphthalate	1.080	1.104	-2.2	103	0.00
61		4-Chlorophenyl-phenylether	0.594	0.578	2.7	100	0.00
62		4-Nitroaniline	0.248	0.268	-8.1	106	-0.01
63		Azobenzene	1.120	1.139	-1.7	103	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	103	0.00
65		4,6-Dinitro-2-methylphenol	0.113	0.110	2.7	96	0.00
66	c	n-Nitrosodiphenylamine	0.644	0.627	2.6	101	0.00
67		4-Bromophenyl-phenylether	0.239	0.237	0.8	101	0.00
68		Hexachlorobenzene	0.257	0.247	3.9	99	0.00
69		Atrazine	0.166	0.185	-11.4	113	0.00
70	C	Pentachlorophenol	0.118	0.119	-0.8	99	0.00
71		Phenanthrene	1.071	1.039	3.0	103	0.00
72		Anthracene	1.085	1.059	2.4	101	0.00
73		Carbazole	0.889	0.887	0.2	103	0.00
74		Di-n-butylphthalate	0.829	0.911	-9.9	110	0.00
75	C	Fluoranthene	0.961	0.962	-0.1	105	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	101	0.00
77		Benzidine	0.487	0.561	-15.2	110	0.00
78		Pyrene	1.645	1.665	-1.2	103	0.00
79	S	Terphenyl-d14	1.146	1.151	-0.4	103	0.00
80		Butylbenzylphthalate	0.449	0.480	-6.9	104	0.00
81		Benzo(a)anthracene	1.288	1.254	2.6	96	0.00
82		3,3'-Dichlorobenzidine	0.369	0.369	0.0	100	0.00
83		Chrysene	1.157	1.176	-1.6	107	0.00
84		Bis(2-ethylhexyl)phthalate	0.685	0.667	2.6	95	0.00
85	c	Di-n-octyl phthalate	1.268	1.215	4.2	95	0.00
86	I	Perylene-d12	1.000	1.000	0.0	101	0.00
87		Indeno(1,2,3-cd)pyrene	1.437	1.484	-3.3	103	-0.01
88		Benzo(b)fluoranthene	1.112	1.107	0.4	104	0.00
89		Benzo(k)fluoranthene	1.064	1.049	1.4	98	0.00
90	C	Benzo(a)pyrene	1.032	1.033	-0.1	101	0.00
91		Dibenzo(a,h)anthracene	1.151	1.194	-3.7	103	-0.02
92		Benzo(g,h,i)perylene	1.145	1.178	-2.9	103	-0.02

Sample Results: **BF143498.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143498.D
Acq On : 20 Aug 2025 22:05
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 21 06:37:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 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: **BF143498.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143498.D
Acq On : 20 Aug 2025 22:05
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 21 06:37:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 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	101	0.00
2		1,4-Dioxane	40.000	38.239	4.4	95	0.00
3		Pyridine	40.000	38.366	4.1	95	0.00
4		n-Nitrosodimethylamine	40.000	40.483	-1.2	101	-0.01
5	S	2-Fluorophenol	80.000	80.348	-0.4	102	0.00
6		Aniline	40.000	39.899	0.3	100	0.00
7	S	Phenol-d6	80.000	78.917	1.4	100	-0.01
8		2-Chlorophenol	40.000	40.164	-0.4	101	0.00
9		Benzaldehyde	40.000	37.769	5.6	91	0.00
10	C	Phenol	40.000	40.504	-1.3	101	0.00
11		bis(2-Chloroethyl)ether	40.000	39.795	0.5	100	0.00
12		1,3-Dichlorobenzene	40.000	39.304	1.7	99	0.00
13	C	1,4-Dichlorobenzene	40.000	39.733	0.7	101	0.00
14		1,2-Dichlorobenzene	40.000	39.364	1.6	99	0.00
15		Benzyl Alcohol	40.000	40.257	-0.6	99	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	40.025	-0.1	100	0.00
17		2-Methylphenol	40.000	40.241	-0.6	102	0.00
18		Hexachloroethane	40.000	39.700	0.7	99	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.455	1.4	102	-0.01
20		3+4-Methylphenols	40.000	40.322	-0.8	101	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	100	0.00
22		Acetophenone	40.000	39.285	1.8	102	0.00
23	S	Nitrobenzene-d5	80.000	81.469	-1.8	102	-0.01
24		Nitrobenzene	40.000	40.995	-2.5	102	0.00
25		Isophorone	40.000	40.435	-1.1	102	-0.01
26	C	2-Nitrophenol	40.000	41.873	-4.7	102	0.00
27		2,4-Dimethylphenol	40.000	40.152	-0.4	100	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.898	0.3	100	0.00
29	C	2,4-Dichlorophenol	40.000	40.336	-0.8	101	0.00
30		1,2,4-Trichlorobenzene	40.000	38.930	2.7	99	0.00
31		Naphthalene	40.000	38.863	2.8	99	0.00
32		Benzoic acid	40.000	37.123	7.2	94	-0.03
33		4-Chloroaniline	40.000	40.252	-0.6	100	0.00
34	C	Hexachlorobutadiene	40.000	39.776	0.6	100	0.00
35		Caprolactam	40.000	44.931	-12.3	110	-0.02
36	C	4-Chloro-3-methylphenol	40.000	40.718	-1.8	102	0.00
37		2-Methylnaphthalene	40.000	39.283	1.8	100	0.00
38		1-Methylnaphthalene	40.000	39.442	1.4	100	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	101	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.686	3.3	99	0.00
41	P	Hexachlorocyclopentadiene	40.000	33.457	16.4	84	0.00
42	S	2,4,6-Tribromophenol	80.000	79.261	0.9	100	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.426	-1.1	99	0.00
44		2,4,5-Trichlorophenol	40.000	39.194	2.0	100	0.00
45	S	2-Fluorobiphenyl	80.000	75.061	6.2	100	0.00
46		1,1'-Biphenyl	40.000	38.693	3.3	100	0.00
47		2-Chloronaphthalene	40.000	39.533	1.2	101	0.00

Sample Results: **BF143498.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143498.D
Acq On : 20 Aug 2025 22:05
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 21 06:37:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	41.804	-4.5	103	0.00
49		Acenaphthylene	40.000	39.486	1.3	101	0.00
50		Dimethylphthalate	40.000	40.765	-1.9	104	0.00
51		2,6-Dinitrotoluene	40.000	41.967	-4.9	102	0.00
52	C	Acenaphthene	40.000	39.200	2.0	100	0.00
53		3-Nitroaniline	40.000	42.370	-5.9	104	0.00
54	P	2,4-Dinitrophenol	40.000	32.946	17.6	84	0.00
55		Dibenzofuran	40.000	39.338	1.7	101	0.00
56	P	4-Nitrophenol	40.000	43.335	-8.3	103	0.00
57		2,4-Dinitrotoluene	40.000	42.505	-6.3	102	0.00
58		Fluorene	40.000	38.909	2.7	101	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.458	-3.6	101	0.00
60		Diethylphthalate	40.000	40.873	-2.2	103	0.00
61		4-Chlorophenyl-phenylether	40.000	38.920	2.7	100	0.00
62		4-Nitroaniline	40.000	43.337	-8.3	106	-0.01
63		Azobenzene	40.000	40.670	-1.7	103	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	103	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.155	2.1	96	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.990	2.5	101	0.00
67		4-Bromophenyl-phenylether	40.000	39.734	0.7	101	0.00
68		Hexachlorobenzene	40.000	38.425	3.9	99	0.00
69		Atrazine	40.000	44.605	-11.5	113	0.00
70	C	Pentachlorophenol	40.000	40.559	-1.4	99	0.00
71		Phenanthrene	40.000	38.800	3.0	103	0.00
72		Anthracene	40.000	39.041	2.4	101	0.00
73		Carbazole	40.000	39.926	0.2	103	0.00
74		Di-n-butylphthalate	40.000	43.920	-9.8	110	0.00
75	C	Fluoranthene	40.000	40.050	-0.1	105	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	101	0.00
77		Benzidine	40.000	46.044	-15.1	110	0.00
78		Pyrene	40.000	40.485	-1.2	103	0.00
79	S	Terphenyl-d14	80.000	80.326	-0.4	103	0.00
80		Butylbenzylphthalate	40.000	42.677	-6.7	104	0.00
81		Benzo(a)anthracene	40.000	38.965	2.6	96	0.00
82		3,3'-Dichlorobenzidine	40.000	40.076	-0.2	100	0.00
83		Chrysene	40.000	40.656	-1.6	107	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	38.980	2.6	95	0.00
85	c	Di-n-octyl phthalate	40.000	38.327	4.2	95	0.00
86	I	Perylene-d12	20.000	20.000	0.0	101	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	41.308	-3.3	103	-0.01
88		Benzo(b)fluoranthene	40.000	39.847	0.4	104	0.00
89		Benzo(k)fluoranthene	40.000	39.415	1.5	98	0.00
90	C	Benzo(a)pyrene	40.000	40.037	-0.1	101	0.00
91		Dibenzo(a,h)anthracene	40.000	41.497	-3.7	103	-0.02
92		Benzo(g,h,i)perylene	40.000	41.185	-3.0	103	-0.02

Sample Results: **BF143498.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143498.D
Acq On : 20 Aug 2025 22:05
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 21 06:37:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 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: **BF143518.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: AECO02

Lab Code: ACE SDG No.: Q2900

Instrument ID: BNA_F Calibration Date/Time: 08/21/2025 09:21

Lab File ID: BF143518.D Init. Calib. Date(s): 08/20/2025 08/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:55 14:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.145	1.132		-1.1	
Benzaldehyde	1.145	1.256		9.7	
Phenol-d6	1.414	1.413		-0.1	
Phenol	1.629	1.644		0.9	20.0
bis(2-Chloroethyl)ether	1.217	1.227		0.8	
2-Chlorophenol	1.265	1.272		0.6	
2-Methylphenol	1.015	1.028		1.3	
2,2-oxybis(1-Chloropropane)	1.947	1.939		-0.4	
Acetophenone	0.432	0.427		-1.2	
3+4-Methylphenols	1.212	1.227		1.2	
n-Nitroso-di-n-propylamine	0.864	0.860	0.050	-0.5	
Nitrobenzene-d5	0.343	0.348		1.5	
Hexachloroethane	0.485	0.490		1.0	
Nitrobenzene	0.353	0.362		2.5	
Isophorone	0.628	0.630		0.3	
2-Nitrophenol	0.173	0.180		4.0	20.0
2,4-Dimethylphenol	0.269	0.270		0.4	
bis(2-Chloroethoxy)methane	0.386	0.384		-0.5	
2,4-Dichlorophenol	0.288	0.290		0.7	20.0
Naphthalene	0.960	0.950		-1.0	
4-Chloroaniline	0.341	0.339		-0.6	
Hexachlorobutadiene	0.193	0.194		0.5	20.0
Caprolactam	0.069	0.078		13.0	
4-Chloro-3-methylphenol	0.288	0.289		0.3	20.0
2-Methylnaphthalene	0.641	0.627		-2.2	
Hexachlorocyclopentadiene	0.184	0.169	0.050	-8.2	
2,4,6-Trichlorophenol	0.352	0.355		0.9	20.0
2-Fluorobiphenyl	1.210	1.177		-2.7	
2,4,5-Trichlorophenol	0.385	0.380		-1.3	
1,1-Biphenyl	1.420	1.391		-2.0	
2-Chloronaphthalene	1.114	1.096		-1.6	
2-Nitroaniline	0.326	0.335		2.8	
Dimethylphthalate	1.205	1.250		3.7	
Acenaphthylene	1.595	1.578		-1.1	
2,6-Dinitrotoluene	0.250	0.265		6.0	
3-Nitroaniline	0.270	0.278		3.0	
Acenaphthene	1.083	1.067		-1.5	20.0
2,4-Dinitrophenol	0.115	0.109	0.050	-5.2	
4-Nitrophenol	0.161	0.155	0.050	-3.7	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2900

Instrument ID: BNA_F Calibration Date/Time: 08/21/2025 09:21

Lab File ID: BF143518.D Init. Calib. Date(s): 08/20/2025 08/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:55 14:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.544	1.525		-1.2	
2,4-Dinitrotoluene	0.333	0.357		7.2	
Diethylphthalate	1.080	1.140		5.6	
4-Chlorophenyl-phenylether	0.594	0.589		-0.8	
Fluorene	1.188	1.164		-2.0	
4-Nitroaniline	0.248	0.258		4.0	
4,6-Dinitro-2-methylphenol	0.113	0.107		-5.3	
n-Nitrosodiphenylamine	0.644	0.645		0.2	20.0
2,4,6-Tribromophenol	0.186	0.186		0.0	
4-Bromophenyl-phenylether	0.239	0.242		1.3	
Hexachlorobenzene	0.257	0.257		0.0	
Atrazine	0.166	0.195		17.5	
Pentachlorophenol	0.118	0.106		-10.2	20.0
Phenanthrene	1.071	1.052		-1.8	
Anthracene	1.085	1.065		-1.8	
Carbazole	0.889	0.875		-1.6	
Di-n-butylphthalate	0.829	0.956		15.3	
Fluoranthene	0.961	0.922		-4.1	20.0
Pyrene	1.645	1.514		-8.0	
Terphenyl-d14	1.146	1.094		-4.5	
Butylbenzylphthalate	0.449	0.485		8.0	
3,3-Dichlorobenzidine	0.369	0.377		2.2	
Benzo(a)anthracene	1.288	1.239		-3.8	
Chrysene	1.157	1.147		-0.9	
Bis(2-ethylhexyl)phthalate	0.685	0.692		1.0	
Di-n-octyl phthalate	1.268	1.238		-2.4	20.0
Benzo(b)fluoranthene	1.112	1.175		5.7	
Benzo(k)fluoranthene	1.064	0.980		-7.9	
Benzo(a)pyrene	1.032	1.024		-0.8	20.0
Indeno(1,2,3-cd)pyrene	1.437	1.375		-4.3	
Dibenzo(a,h)anthracene	1.151	1.117		-3.0	
Benzo(g,h,i)perylene	1.145	1.055		-7.9	
1,2,4,5-Tetrachlorobenzene	0.572	0.568		-0.7	
1,4-Dioxane	0.531	0.541		1.9	20.0
2,3,4,6-Tetrachlorophenol	0.286	0.289		1.0	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143518.D
Acq On : 21 Aug 2025 09:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 21 11:45:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	118001	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	448774	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	244595	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	369706	20.000	ng	0.00
76) Chrysene-d12	14.098	240	222503	20.000	ng	0.00
86) Perylene-d12	15.592	264	262934	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	534460	79.089	ng	0.00
7) Phenol-d6	6.563	99	667138	79.973	ng	-0.01
23) Nitrobenzene-d5	7.487	82	624678	81.228	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	181773	79.836	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1151723	77.819	ng	0.00
79) Terphenyl-d14	13.033	244	973817	76.374	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	127663	40.780	ng	99
3) Pyridine	3.510	79	338120	40.552	ng	99
4) n-Nitrosodimethylamine	3.457	42	150541	40.163	ng	98
6) Aniline	6.587	93	449531	40.315	ng	91
8) 2-Chlorophenol	6.716	128	300113	40.208	ng	100
9) Benzaldehyde	6.475	77	296436	43.891	ng	96
10) Phenol	6.575	94	387980	40.372	ng	92
11) bis(2-Chloroethyl)ether	6.657	93	289515	40.314	ng	99
12) 1,3-Dichlorobenzene	6.869	146	333800	39.802	ng	99
13) 1,4-Dichlorobenzene	6.945	146	336877	40.045	ng	99
14) 1,2-Dichlorobenzene	7.098	146	319564	40.122	ng	100
15) Benzyl Alcohol	7.069	79	254573	40.760	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.193	45	457661	39.834	ng	90
17) 2-Methylphenol	7.181	107	242686	40.511	ng	97
18) Hexachloroethane	7.440	117	115654	40.435	ng	97
19) n-Nitroso-di-n-propyla...	7.334	70	203044	39.822	ng	99
20) 3+4-Methylphenols	7.334	107	289653	40.503	ng	98
22) Acetophenone	7.334	105	383042	39.507	ng	99
24) Nitrobenzene	7.504	77	324679	41.020	ng	99
25) Isophorone	7.745	82	565357	40.104	ng	100
26) 2-Nitrophenol	7.822	139	161941	41.767	ng	97
27) 2,4-Dimethylphenol	7.863	122	242413	40.108	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	344305	39.742	ng	100
29) 2,4-Dichlorophenol	8.069	162	260040	40.285	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	265906	40.066	ng	98
31) Naphthalene	8.234	128	852935	39.587	ng	100
32) Benzoic acid	7.975	122	117106	35.717	ng	98
33) 4-Chloroaniline	8.275	127	304385	39.804	ng	99
34) Hexachlorobutadiene	8.351	225	174035	40.194	ng	100
35) Caprolactam	8.645	113	69912	45.135	ng	98
36) 4-Chloro-3-methylphenol	8.763	107	259690	40.144	ng	99
37) 2-Methylnaphthalene	8.922	142	562491	39.089	ng	100
38) 1-Methylnaphthalene	9.022	142	542827	39.436	ng	100
40) 1,2,4,5-Tetrachloroben...	9.086	216	277705	39.693	ng	100
41) Hexachlorocyclopentadiene	9.081	237	82522	34.356	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	173645	40.335	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143518.D
Acq On : 21 Aug 2025 09:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 21 11:45:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

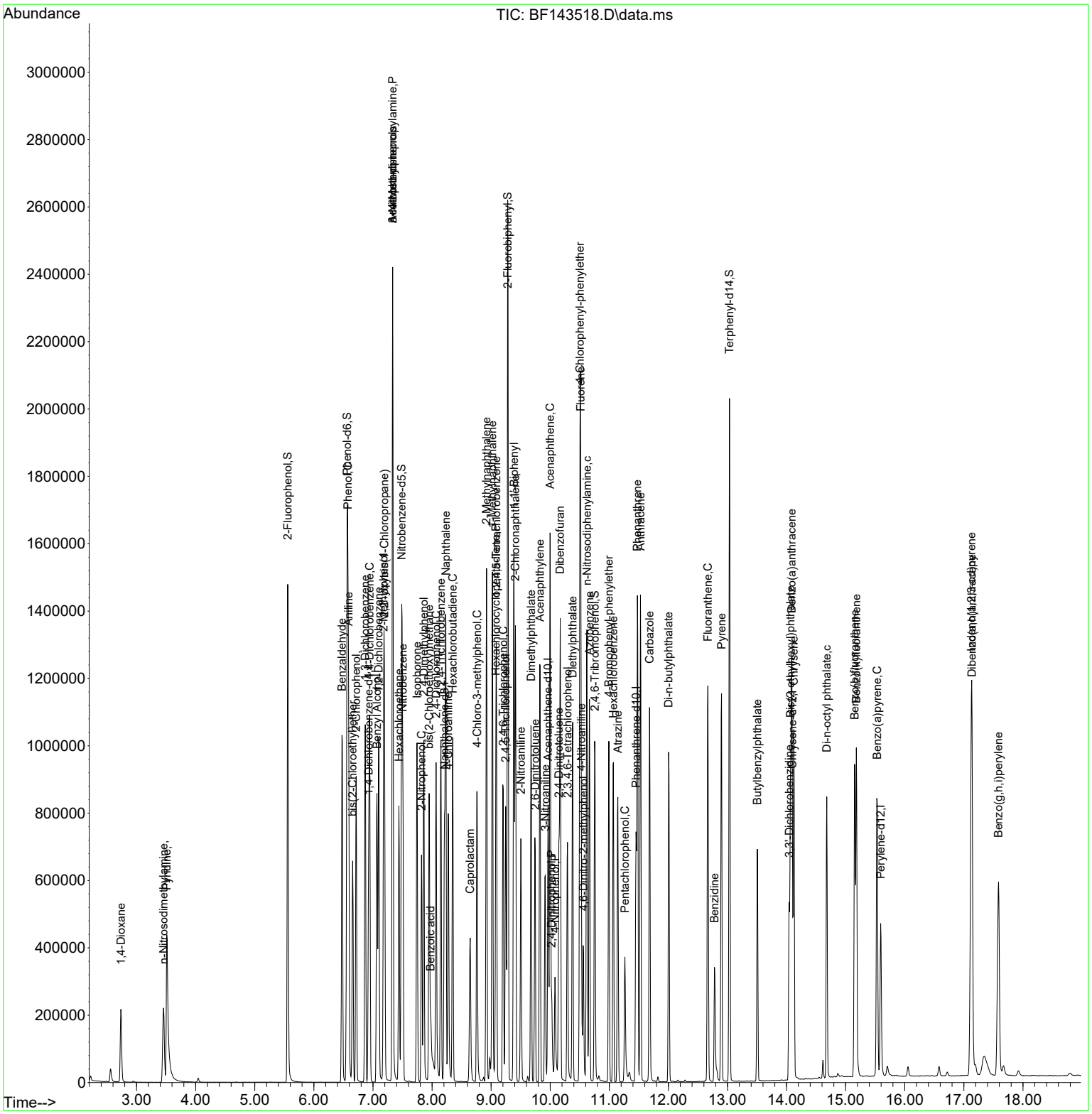
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	186067	39.568	ng	99
46) 1,1'-Biphenyl	9.386	154	680592	39.203	ng	99
47) 2-Chloronaphthalene	9.410	162	536315	39.372	ng	99
48) 2-Nitroaniline	9.504	65	163759	41.078	ng	97
49) Acenaphthylene	9.828	152	771789	39.570	ng	99
50) Dimethylphthalate	9.675	163	611411	41.504	ng	100
51) 2,6-Dinitrotoluene	9.745	165	129744	42.495	ng	98
52) Acenaphthene	9.998	154	521988	39.417	ng	100
53) 3-Nitroaniline	9.916	138	135772	41.155	ng	99
54) 2,4-Dinitrophenol	10.022	184	53382	35.824	ng	93
55) Dibenzofuran	10.169	168	745949	39.509	ng	99
56) 4-Nitrophenol	10.081	139	75600	38.513	ng	95
57) 2,4-Dinitrotoluene	10.145	165	174534	42.812	ng	97
58) Fluorene	10.516	166	569387	39.184	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	141362	40.463	ng	99
60) Diethylphthalate	10.381	149	557513	42.212	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	288368	39.680	ng	98
62) 4-Nitroaniline	10.528	138	126293	41.677	ng	99
63) Azobenzene	10.663	77	549552	40.129	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	79062	37.928	ng	98
66) n-Nitrosodiphenylamine	10.622	169	477218	40.110	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	178840	40.542	ng	97
68) Hexachlorobenzene	11.069	284	190099	39.979	ng	99
69) Atrazine	11.145	200	143876	46.846	ng	99
70) Pentachlorophenol	11.263	266	78686	36.133	ng	99
71) Phenanthrene	11.475	178	777957	39.294	ng	100
72) Anthracene	11.528	178	787324	39.255	ng	100
73) Carbazole	11.680	167	647183	39.380	ng	99
74) Di-n-butylphthalate	12.004	149	707138	46.124	ng	99
75) Fluoranthene	12.669	202	681682	38.372	ng	99
77) Benzidine	12.780	184	216953	40.029	ng	99
78) Pyrene	12.898	202	673559	36.801	ng	99
80) Butylbenzylphthalate	13.504	149	215877	43.176	ng	100
81) Benzo(a)anthracene	14.086	228	551541	38.502	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	167699	40.879	ng	98
83) Chrysene	14.121	228	510484	39.654	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	308015	40.447	ng	99
85) Di-n-octyl phthalate	14.680	149	551091	39.064	ng	100
87) Indeno(1,2,3-cd)pyrene	17.127	276	722883	38.259	ng	100
88) Benzo(b)fluoranthene	15.151	252	618031	42.286	ng	99
89) Benzo(k)fluoranthene	15.180	252	515140	36.812	ng	99
90) Benzo(a)pyrene	15.533	252	538725	39.710	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	587454	38.822	ng	99
92) Benzo(g,h,i)perylene	17.586	276	554893	36.878	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143518.D
Acq On : 21 Aug 2025 09:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 21 11:45:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration



Sample Results: **BF143518.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143518.D
Acq On : 21 Aug 2025 09:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 21 11:45:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 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	86	0.00
2		1,4-Dioxane	0.531	0.541	-1.9	86	0.00
3		Pyridine	1.413	1.433	-1.4	85	0.00
4		n-Nitrosodimethylamine	0.635	0.638	-0.5	85	-0.02
5	S	2-Fluorophenol	1.145	1.132	1.1	85	0.00
6		Aniline	1.890	1.905	-0.8	86	0.00
7	S	Phenol-d6	1.414	1.413	0.1	86	-0.01
8		2-Chlorophenol	1.265	1.272	-0.6	86	0.00
9		Benzaldehyde	1.145	1.256	-9.7	90	0.00
10	C	Phenol	1.629	1.644	-0.9	86	-0.01
11		bis(2-Chloroethyl)ether	1.217	1.227	-0.8	87	0.00
12		1,3-Dichlorobenzene	1.421	1.414	0.5	86	0.00
13	C	1,4-Dichlorobenzene	1.426	1.427	-0.1	87	0.00
14		1,2-Dichlorobenzene	1.350	1.354	-0.3	86	0.00
15		Benzyl Alcohol	1.059	1.079	-1.9	85	0.00
16		2,2'-oxybis(1-Chloropropane	1.947	1.939	0.4	85	0.00
17		2-Methylphenol	1.015	1.028	-1.3	87	0.00
18		Hexachloroethane	0.485	0.490	-1.0	86	0.00
19	P	n-Nitroso-di-n-propylamine	0.864	0.860	0.5	87	-0.02
20		3+4-Methylphenols	1.212	1.227	-1.2	86	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	86	0.00
22		Acetophenone	0.432	0.427	1.2	88	0.00
23	S	Nitrobenzene-d5	0.343	0.348	-1.5	87	-0.01
24		Nitrobenzene	0.353	0.362	-2.5	87	-0.01
25		Isophorone	0.628	0.630	-0.3	87	-0.01
26	C	2-Nitrophenol	0.173	0.180	-4.0	87	0.00
27		2,4-Dimethylphenol	0.269	0.270	-0.4	86	0.00
28		bis(2-Chloroethoxy)methane	0.386	0.384	0.5	85	0.00
29	C	2,4-Dichlorophenol	0.288	0.290	-0.7	86	0.00
30		1,2,4-Trichlorobenzene	0.296	0.296	0.0	87	0.00
31		Naphthalene	0.960	0.950	1.0	87	0.00
32		Benzoic acid	0.137	0.130	5.1	77	-0.04
33		4-Chloroaniline	0.341	0.339	0.6	85	0.00
34	C	Hexachlorobutadiene	0.193	0.194	-0.5	87	0.00
35		Caprolactam	0.069	0.078	-13.0	95	-0.03
36	C	4-Chloro-3-methylphenol	0.288	0.289	-0.3	87	0.00
37		2-Methylnaphthalene	0.641	0.627	2.2	85	0.00
38		1-Methylnaphthalene	0.613	0.605	1.3	86	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	86	0.00
40		1,2,4,5-Tetrachlorobenzene	0.572	0.568	0.7	87	0.00
41	P	Hexachlorocyclopentadiene	0.184	0.169	8.2	74	0.00
42	S	2,4,6-Tribromophenol	0.186	0.186	0.0	86	0.00
43	C	2,4,6-Trichlorophenol	0.352	0.355	-0.9	84	0.00
44		2,4,5-Trichlorophenol	0.385	0.380	1.3	86	0.00
45	S	2-Fluorobiphenyl	1.210	1.177	2.7	88	0.00
46		1,1'-Biphenyl	1.420	1.391	2.0	86	0.00
47		2-Chloronaphthalene	1.114	1.096	1.6	86	0.00

Sample Results: **BF143518.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143518.D
Acq On : 21 Aug 2025 09:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 21 11:45:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 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	0.326	0.335	-2.8	86	0.00
49		Acenaphthylene	1.595	1.578	1.1	86	0.00
50		Dimethylphthalate	1.205	1.250	-3.7	90	0.00
51		2,6-Dinitrotoluene	0.250	0.265	-6.0	88	0.00
52	C	Acenaphthene	1.083	1.067	1.5	86	0.00
53		3-Nitroaniline	0.270	0.278	-3.0	86	0.00
54	P	2,4-Dinitrophenol	0.115	0.109	5.2	79	0.00
55		Dibenzofuran	1.544	1.525	1.2	87	0.00
56	P	4-Nitrophenol	0.161	0.155	3.7	78	0.00
57		2,4-Dinitrotoluene	0.333	0.357	-7.2	88	-0.01
58		Fluorene	1.188	1.164	2.0	87	0.00
59		2,3,4,6-Tetrachlorophenol	0.286	0.289	-1.0	84	0.00
60		Diethylphthalate	1.080	1.140	-5.6	91	0.00
61		4-Chlorophenyl-phenylether	0.594	0.589	0.8	87	0.00
62		4-Nitroaniline	0.248	0.258	-4.0	87	-0.01
63		Azobenzene	1.120	1.123	-0.3	87	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	85	0.00
65		4,6-Dinitro-2-methylphenol	0.113	0.107	5.3	76	0.00
66	c	n-Nitrosodiphenylamine	0.644	0.645	-0.2	85	0.00
67		4-Bromophenyl-phenylether	0.239	0.242	-1.3	85	0.00
68		Hexachlorobenzene	0.257	0.257	0.0	85	0.00
69		Atrazine	0.166	0.195	-17.5	98	0.00
70	C	Pentachlorophenol	0.118	0.106	10.2	73	0.00
71		Phenanthrene	1.071	1.052	1.8	86	0.00
72		Anthracene	1.085	1.065	1.8	84	0.00
73		Carbazole	0.889	0.875	1.6	84	0.00
74		Di-n-butylphthalate	0.829	0.956	-15.3	95	0.00
75	C	Fluoranthene	0.961	0.922	4.1	83	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	89	0.00
77		Benzidine	0.487	0.488	-0.2	84	0.00
78		Pyrene	1.645	1.514	8.0	82	0.00
79	S	Terphenyl-d14	1.146	1.094	4.5	86	0.00
80		Butylbenzylphthalate	0.449	0.485	-8.0	92	0.00
81		Benzo(a)anthracene	1.288	1.239	3.8	84	0.00
82		3,3'-Dichlorobenzidine	0.369	0.377	-2.2	90	0.00
83		Chrysene	1.157	1.147	0.9	92	0.00
84		Bis(2-ethylhexyl)phthalate	0.685	0.692	-1.0	87	0.00
85	c	Di-n-octyl phthalate	1.268	1.238	2.4	85	0.00
86	I	Perylene-d12	1.000	1.000	0.0	91	0.00
87		Indeno(1,2,3-cd)pyrene	1.437	1.375	4.3	87	-0.01
88		Benzo(b)fluoranthene	1.112	1.175	-5.7	100	0.00
89		Benzo(k)fluoranthene	1.064	0.980	7.9	83	-0.01
90	C	Benzo(a)pyrene	1.032	1.024	0.8	91	0.00
91		Dibenzo(a,h)anthracene	1.151	1.117	3.0	88	-0.02
92		Benzo(g,h,i)perylene	1.145	1.055	7.9	83	-0.02

Sample Results: **BF143518.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143518.D
Acq On : 21 Aug 2025 09:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 21 11:45:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 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: **BF143518.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143518.D
Acq On : 21 Aug 2025 09:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 21 11:45:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 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	86	0.00
2		1,4-Dioxane	40.000	40.780	-2.0	86	0.00
3		Pyridine	40.000	40.552	-1.4	85	0.00
4		n-Nitrosodimethylamine	40.000	40.163	-0.4	85	-0.02
5	S	2-Fluorophenol	80.000	79.089	1.1	85	0.00
6		Aniline	40.000	40.315	-0.8	86	0.00
7	S	Phenol-d6	80.000	79.973	0.0	86	-0.01
8		2-Chlorophenol	40.000	40.208	-0.5	86	0.00
9		Benzaldehyde	40.000	43.891	-9.7	90	0.00
10	C	Phenol	40.000	40.372	-0.9	86	-0.01
11		bis(2-Chloroethyl)ether	40.000	40.314	-0.8	87	0.00
12		1,3-Dichlorobenzene	40.000	39.802	0.5	86	0.00
13	C	1,4-Dichlorobenzene	40.000	40.045	-0.1	87	0.00
14		1,2-Dichlorobenzene	40.000	40.122	-0.3	86	0.00
15		Benzyl Alcohol	40.000	40.760	-1.9	85	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.834	0.4	85	0.00
17		2-Methylphenol	40.000	40.511	-1.3	87	0.00
18		Hexachloroethane	40.000	40.435	-1.1	86	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.822	0.4	87	-0.02
20		3+4-Methylphenols	40.000	40.503	-1.3	86	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	86	0.00
22		Acetophenone	40.000	39.507	1.2	88	0.00
23	S	Nitrobenzene-d5	80.000	81.228	-1.5	87	-0.01
24		Nitrobenzene	40.000	41.020	-2.6	87	-0.01
25		Isophorone	40.000	40.104	-0.3	87	-0.01
26	C	2-Nitrophenol	40.000	41.767	-4.4	87	0.00
27		2,4-Dimethylphenol	40.000	40.108	-0.3	86	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.742	0.6	85	0.00
29	C	2,4-Dichlorophenol	40.000	40.285	-0.7	86	0.00
30		1,2,4-Trichlorobenzene	40.000	40.066	-0.2	87	0.00
31		Naphthalene	40.000	39.587	1.0	87	0.00
32		Benzoic acid	40.000	35.717	10.7	77	-0.04
33		4-Chloroaniline	40.000	39.804	0.5	85	0.00
34	C	Hexachlorobutadiene	40.000	40.194	-0.5	87	0.00
35		Caprolactam	40.000	45.135	-12.8	95	-0.03
36	C	4-Chloro-3-methylphenol	40.000	40.144	-0.4	87	0.00
37		2-Methylnaphthalene	40.000	39.089	2.3	85	0.00
38		1-Methylnaphthalene	40.000	39.436	1.4	86	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	86	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.693	0.8	87	0.00
41	P	Hexachlorocyclopentadiene	40.000	34.356	14.1	74	0.00
42	S	2,4,6-Tribromophenol	80.000	79.836	0.2	86	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.335	-0.8	84	0.00
44		2,4,5-Trichlorophenol	40.000	39.568	1.1	86	0.00
45	S	2-Fluorobiphenyl	80.000	77.819	2.7	88	0.00
46		1,1'-Biphenyl	40.000	39.203	2.0	86	0.00
47		2-Chloronaphthalene	40.000	39.372	1.6	86	0.00

Sample Results: **BF143518.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143518.D
Acq On : 21 Aug 2025 09:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 21 11:45:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	41.078	-2.7	86	0.00
49		Acenaphthylene	40.000	39.570	1.1	86	0.00
50		Dimethylphthalate	40.000	41.504	-3.8	90	0.00
51		2,6-Dinitrotoluene	40.000	42.495	-6.2	88	0.00
52	C	Acenaphthene	40.000	39.417	1.5	86	0.00
53		3-Nitroaniline	40.000	41.155	-2.9	86	0.00
54	P	2,4-Dinitrophenol	40.000	35.824	10.4	79	0.00
55		Dibenzofuran	40.000	39.509	1.2	87	0.00
56	P	4-Nitrophenol	40.000	38.513	3.7	78	0.00
57		2,4-Dinitrotoluene	40.000	42.812	-7.0	88	-0.01
58		Fluorene	40.000	39.184	2.0	87	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.463	-1.2	84	0.00
60		Diethylphthalate	40.000	42.212	-5.5	91	0.00
61		4-Chlorophenyl-phenylether	40.000	39.680	0.8	87	0.00
62		4-Nitroaniline	40.000	41.677	-4.2	87	-0.01
63		Azobenzene	40.000	40.129	-0.3	87	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	85	0.00
65		4,6-Dinitro-2-methylphenol	40.000	37.928	5.2	76	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.110	-0.3	85	0.00
67		4-Bromophenyl-phenylether	40.000	40.542	-1.4	85	0.00
68		Hexachlorobenzene	40.000	39.979	0.1	85	0.00
69		Atrazine	40.000	46.846	-17.1	98	0.00
70	C	Pentachlorophenol	40.000	36.133	9.7	73	0.00
71		Phenanthrene	40.000	39.294	1.8	86	0.00
72		Anthracene	40.000	39.255	1.9	84	0.00
73		Carbazole	40.000	39.380	1.5	84	0.00
74		Di-n-butylphthalate	40.000	46.124	-15.3	95	0.00
75	C	Fluoranthene	40.000	38.372	4.1	83	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	89	0.00
77		Benzidine	40.000	40.029	-0.1	84	0.00
78		Pyrene	40.000	36.801	8.0	82	0.00
79	S	Terphenyl-d14	80.000	76.374	4.5	86	0.00
80		Butylbenzylphthalate	40.000	43.176	-7.9	92	0.00
81		Benzo(a)anthracene	40.000	38.502	3.7	84	0.00
82		3,3'-Dichlorobenzidine	40.000	40.879	-2.2	90	0.00
83		Chrysene	40.000	39.654	0.9	92	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.447	-1.1	87	0.00
85	c	Di-n-octyl phthalate	40.000	39.064	2.3	85	0.00
86	I	Perylene-d12	20.000	20.000	0.0	91	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	38.259	4.4	87	-0.01
88		Benzo(b)fluoranthene	40.000	42.286	-5.7	100	0.00
89		Benzo(k)fluoranthene	40.000	36.812	8.0	83	-0.01
90	C	Benzo(a)pyrene	40.000	39.710	0.7	91	0.00
91		Dibenzo(a,h)anthracene	40.000	38.822	2.9	88	-0.02
92		Benzo(g,h,i)perylene	40.000	36.878	7.8	83	-0.02

Sample Results: **BF143518.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143518.D
Acq On : 21 Aug 2025 09:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 21 11:45:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 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

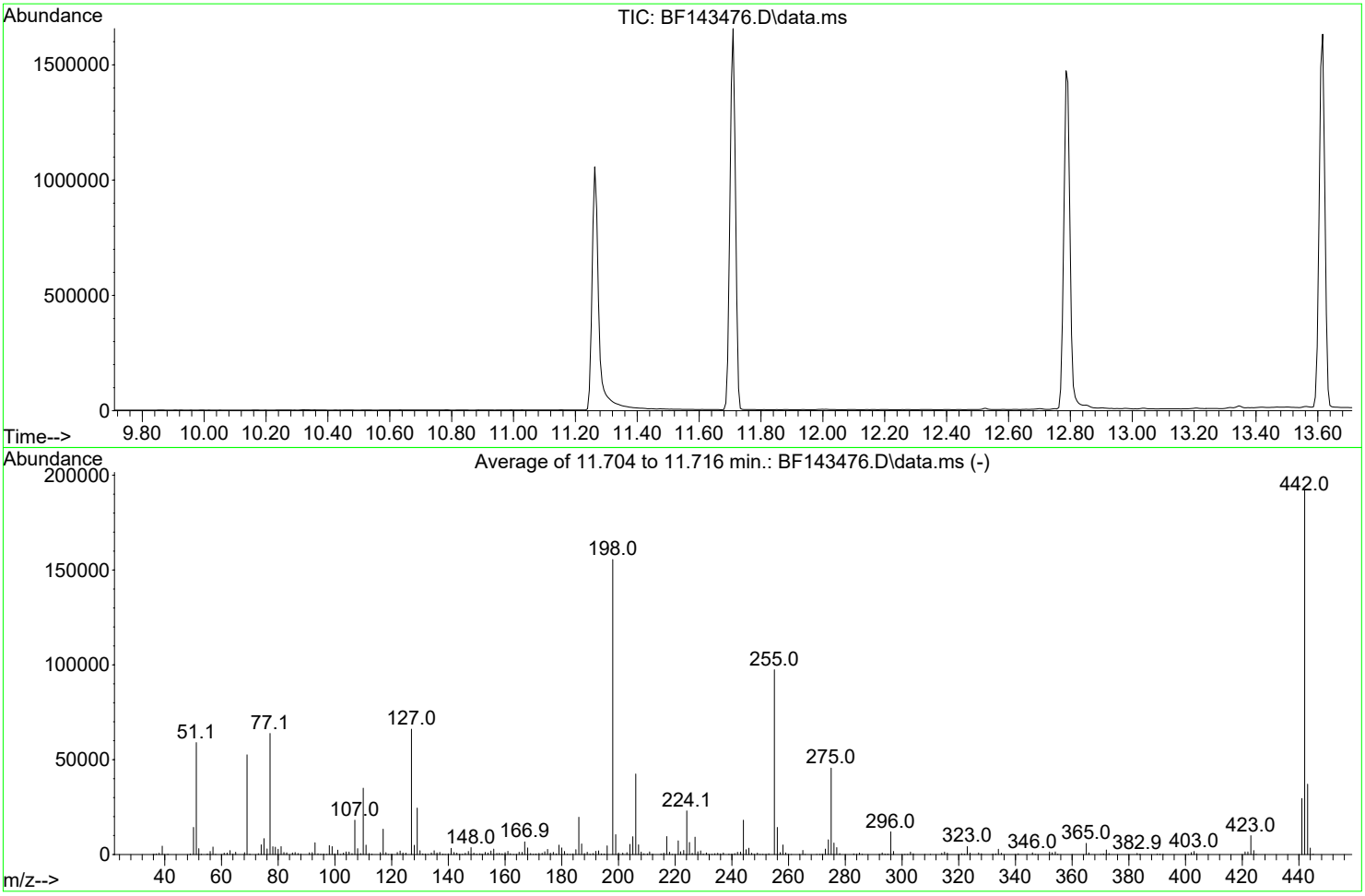
Sample Results: **BF143476.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143476.D
Acq On : 20 Aug 2025 10:26
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-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 21 06:12:21 2025



AutoFind: Scans 1617, 1618, 1619; Background Corrected with Scan 1610

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	985	PASS
69	69	100	100	100.0	52563	PASS
70	69	0.00	2	0.5	276	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	155509	PASS
199	198	5	9	6.8	10536	PASS
365	198	1	100	3.8	5904	PASS
441	443	0.01	150	79.6	29523	PASS
442	442	100	100	100.0	191893	PASS
443	442	15	24	19.3	37093	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/20/2025	BNA_F	BF143476.D
Compound Name	**Response**	**Retention Time**
DDT	414933	13.616
DDD	4692	13.345
DDE	1143	12.98
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
5835	420768	1.39

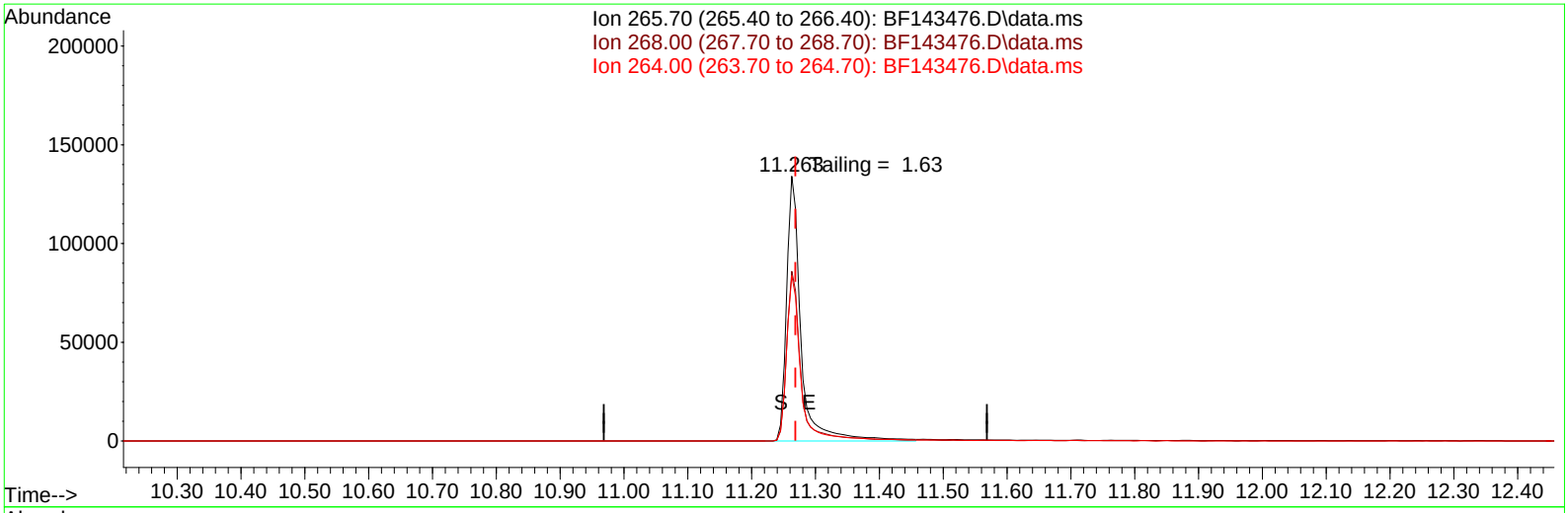
Instrument :
BNA_F
ClientSampleId :
DFTPP

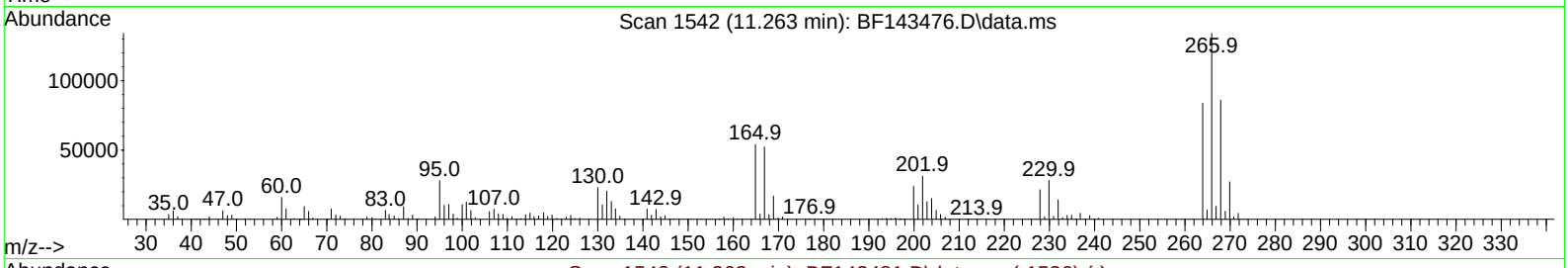
Sample Results: **BF143476.D**

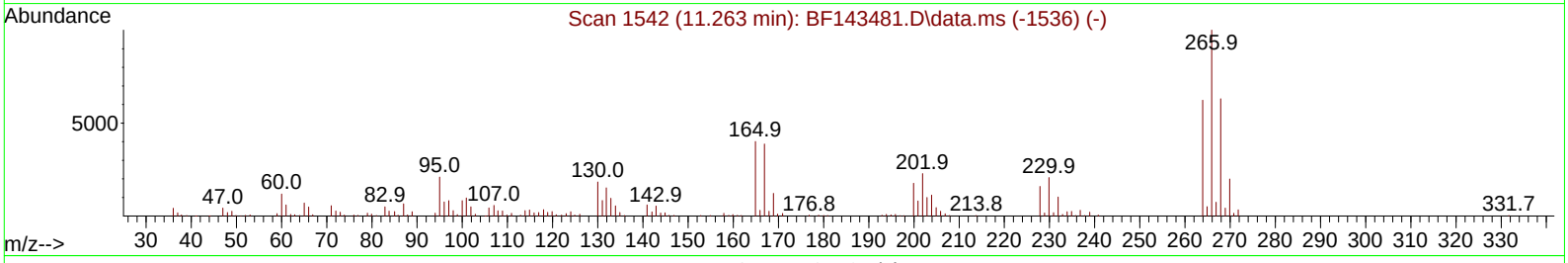
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143476.D
Acq On : 20 Aug 2025 10:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 20 16:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration







TIC: BF143476.D\data.ms

(70) Pentachlorophenol (C)

11.263min (-0.006) 46358.19 ng

response 211078

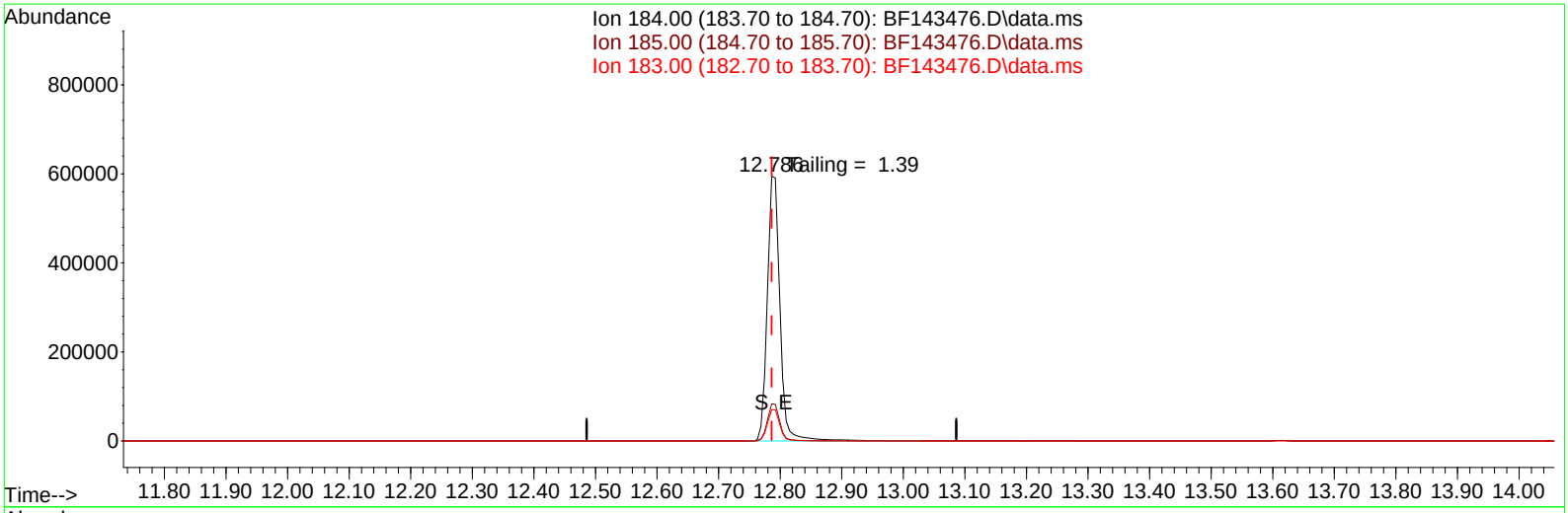
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	64.07
264.00	62.30	62.45
0.00	0.00	0.00

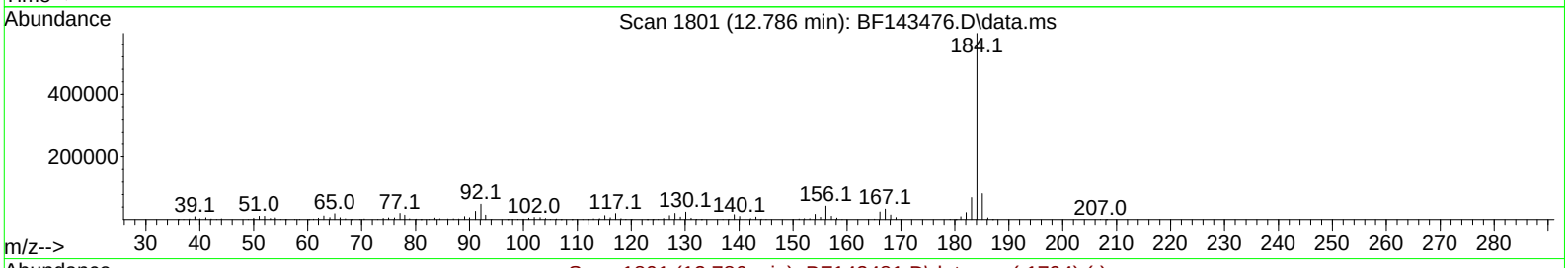
Sample Results: **BF143476.D**

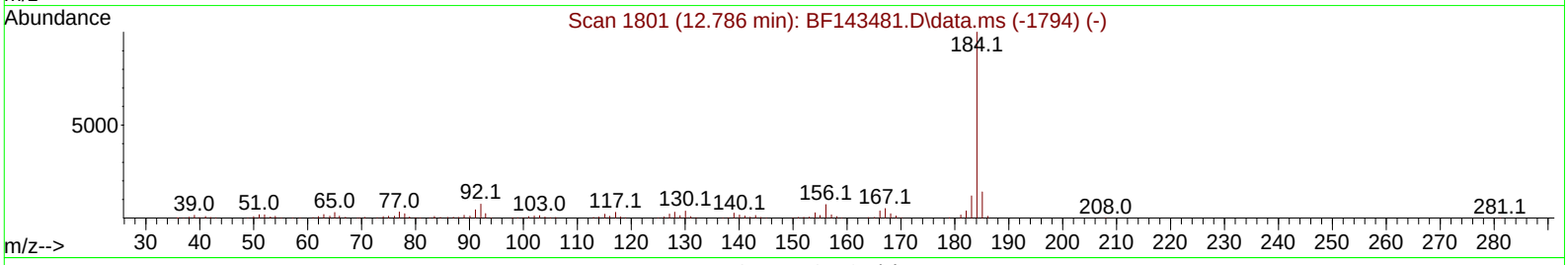
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143476.D
Acq On : 20 Aug 2025 10:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 20 16:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration







TIC: BF143476.D\data.ms

(77) Benzidine

12.786min (+ 0.000) 0.00 ng

response 857686

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.00
183.00	11.90	11.84
0.00	0.00	0.00

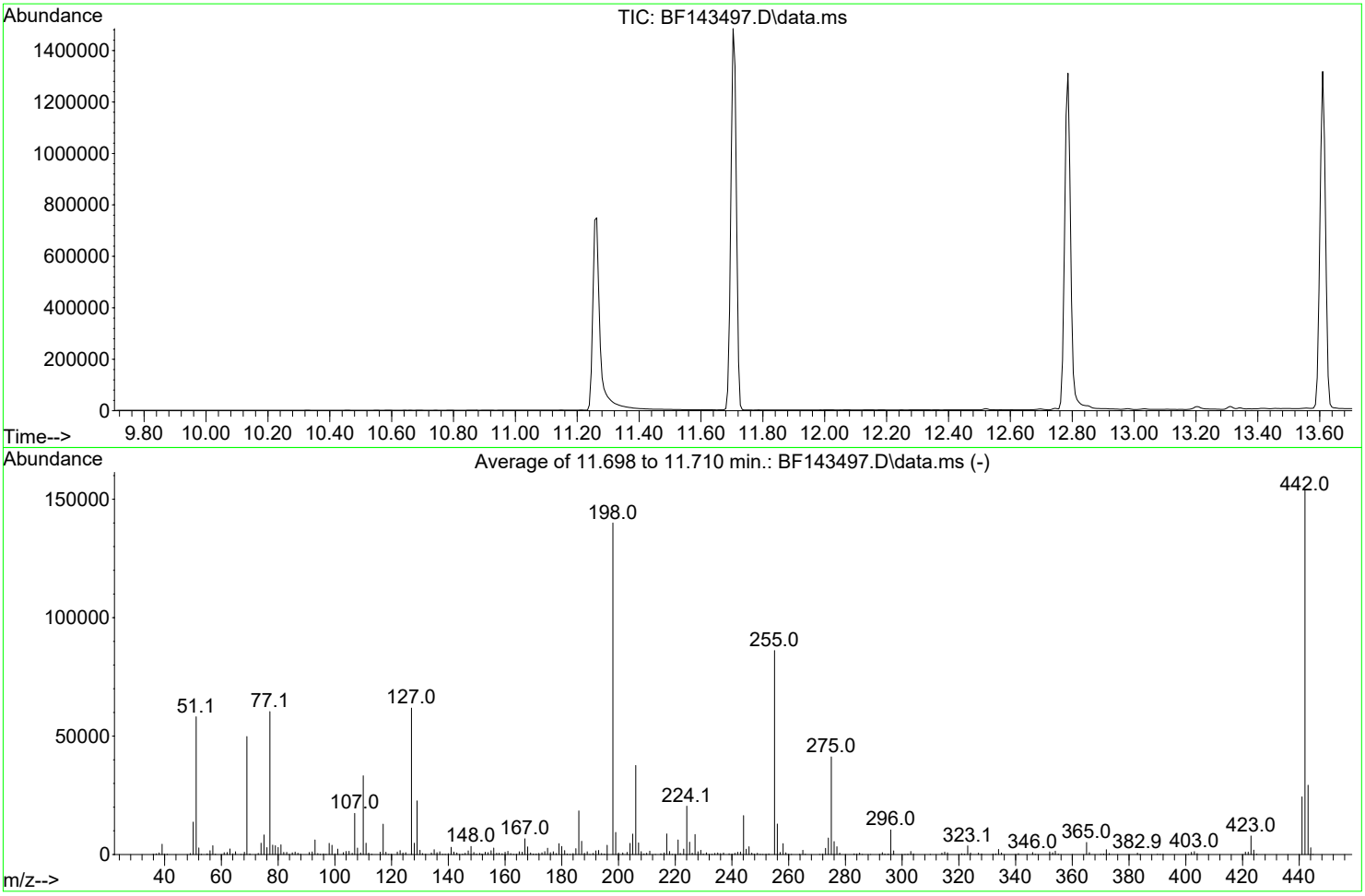
Sample Results: **BF143497.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143497.D
Acq On : 20 Aug 2025 21:36
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-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 21 06:12:21 2025



AutoFind: Scans 1616, 1617, 1618; Background Corrected with Scan 1610

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	2.0	984	PASS
69	69	100	100	100.0	49792	PASS
70	69	0.00	2	0.6	289	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	139989	PASS
199	198	5	9	6.7	9329	PASS
365	198	1	100	3.6	5107	PASS
441	443	0.01	150	83.2	24347	PASS
442	442	100	100	100.0	153672	PASS
443	442	15	24	19.0	29261	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/20/2025	BNA_F	BF143497.D
Compound Name	**Response**	**Retention Time**
DDT	312124	13.61
DDD	5317	13.31
DDE	1164	12.98
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
6481	318605	2.03

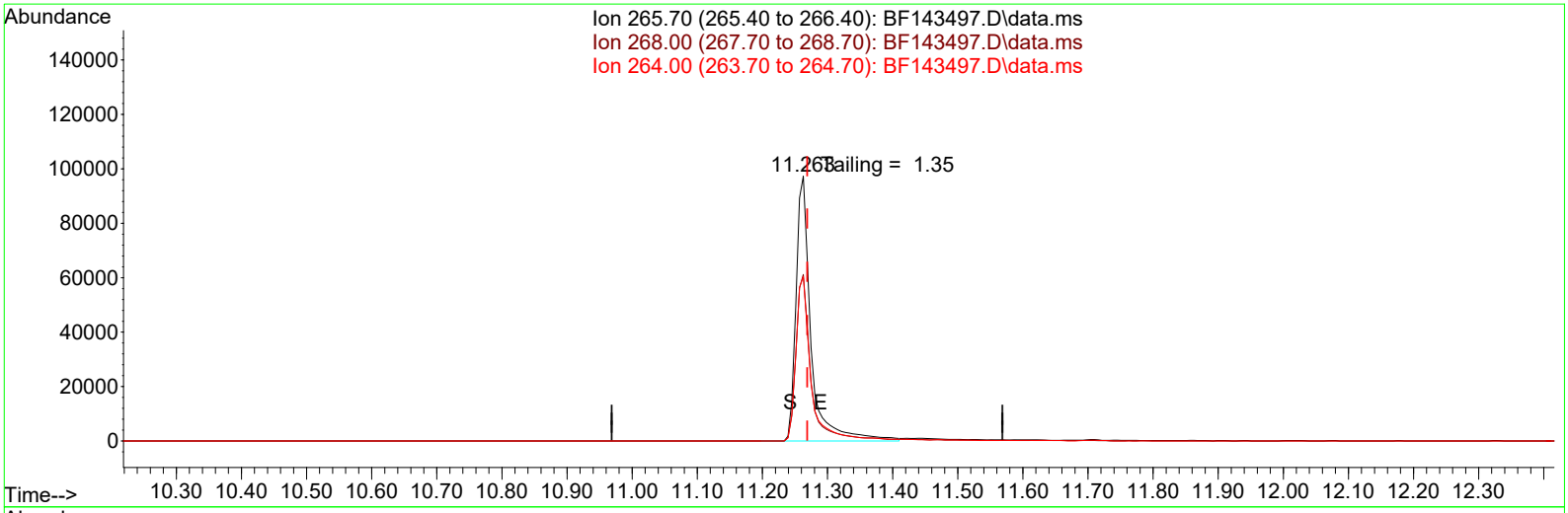
Instrument :
BNA_F
ClientSampleId :
DFTPP

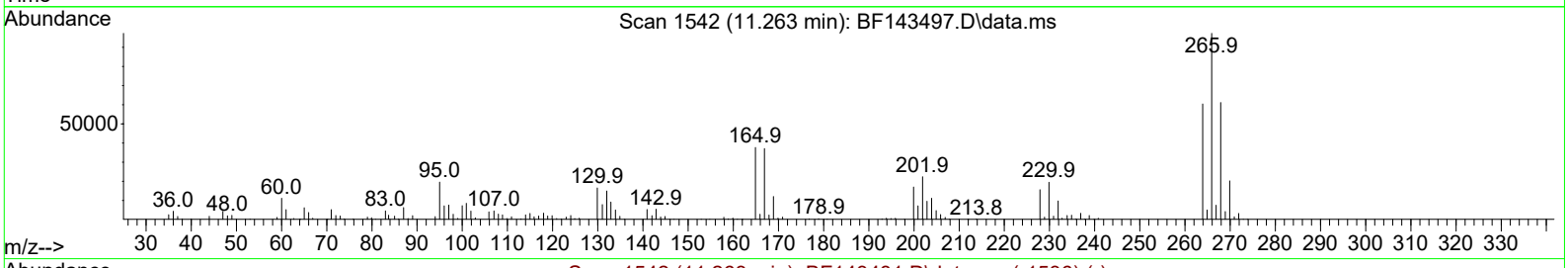
Sample Results: **BF143497.D**

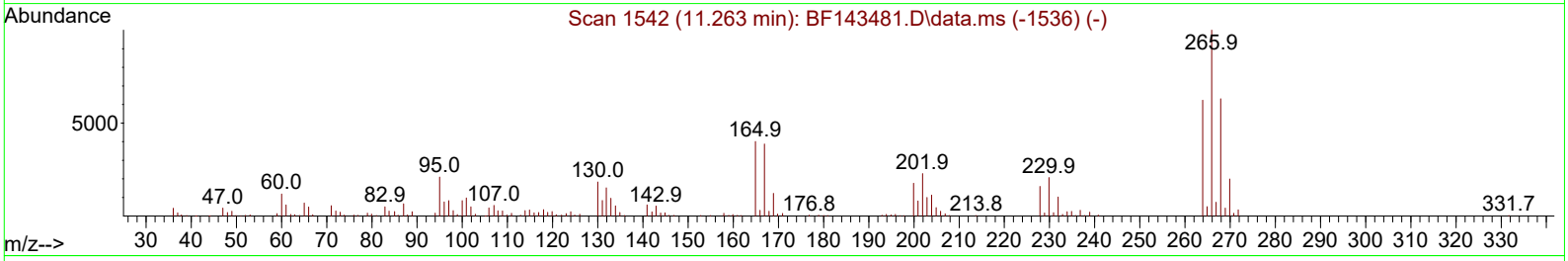
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143497.D
Acq On : 20 Aug 2025 21:36
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 21 02:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration







TIC: BF143497.D\data.ms

(70) Pentachlorophenol (C)

11.263min (-0.006) 130789.27 ng

response 157159

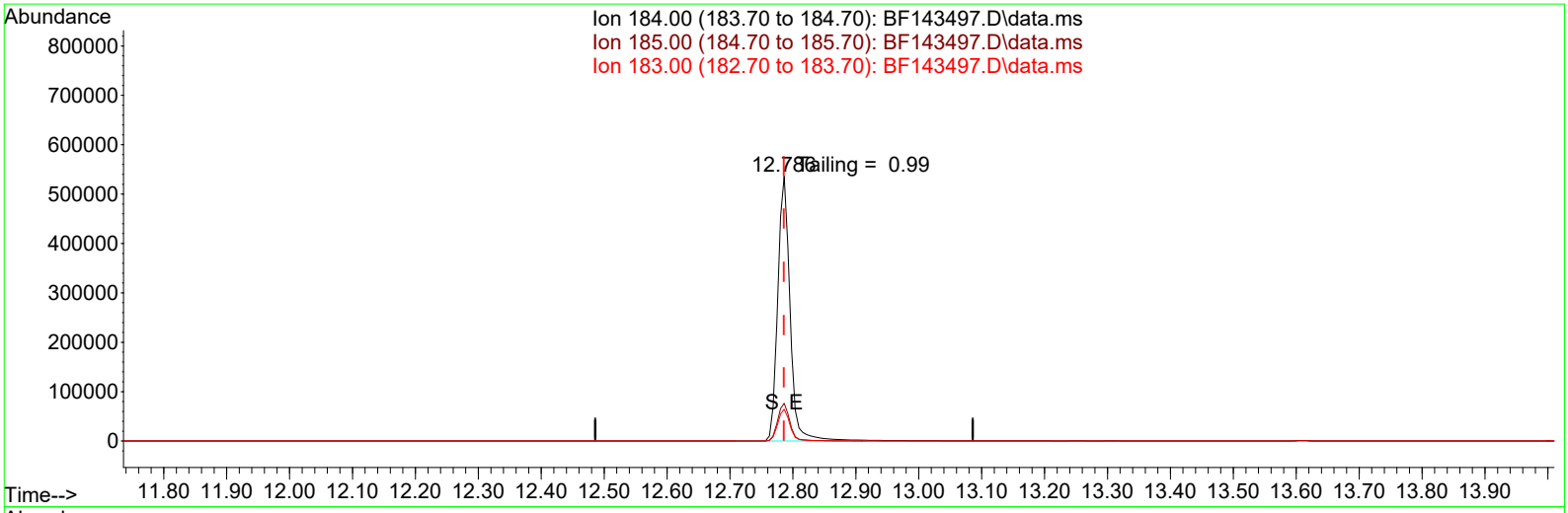
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	62.88
264.00	62.30	62.11
0.00	0.00	0.00

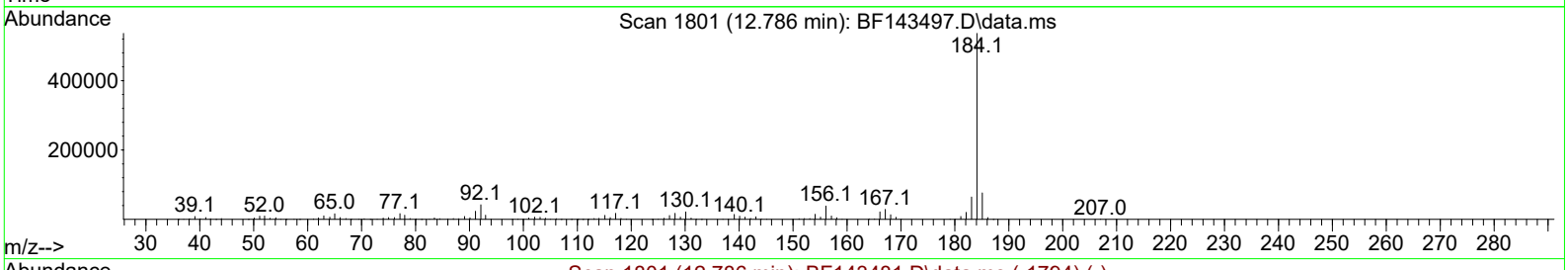
Sample Results: **BF143497.D**

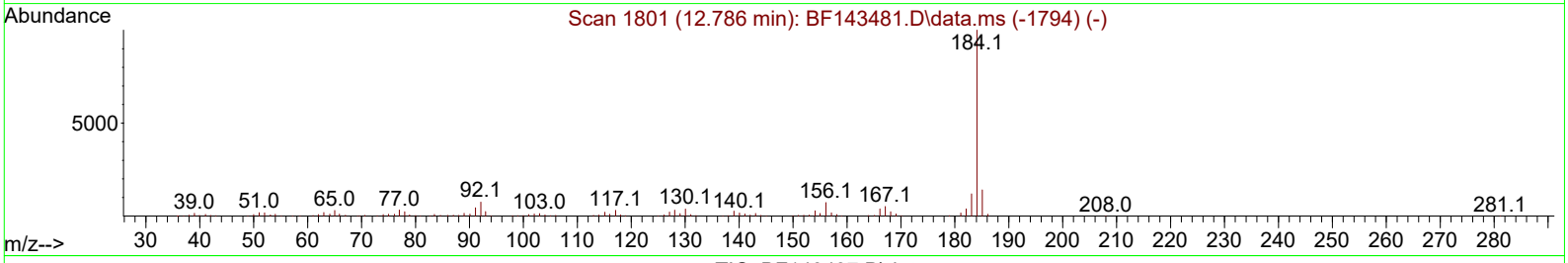
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143497.D
Acq On : 20 Aug 2025 21:36
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 21 02:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration







TIC: BF143497.D\data.ms

(77) Benzidine

12.786min (+ 0.000) 0.00 ng

response 737567

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.26
183.00	11.90	12.02
0.00	0.00	0.00

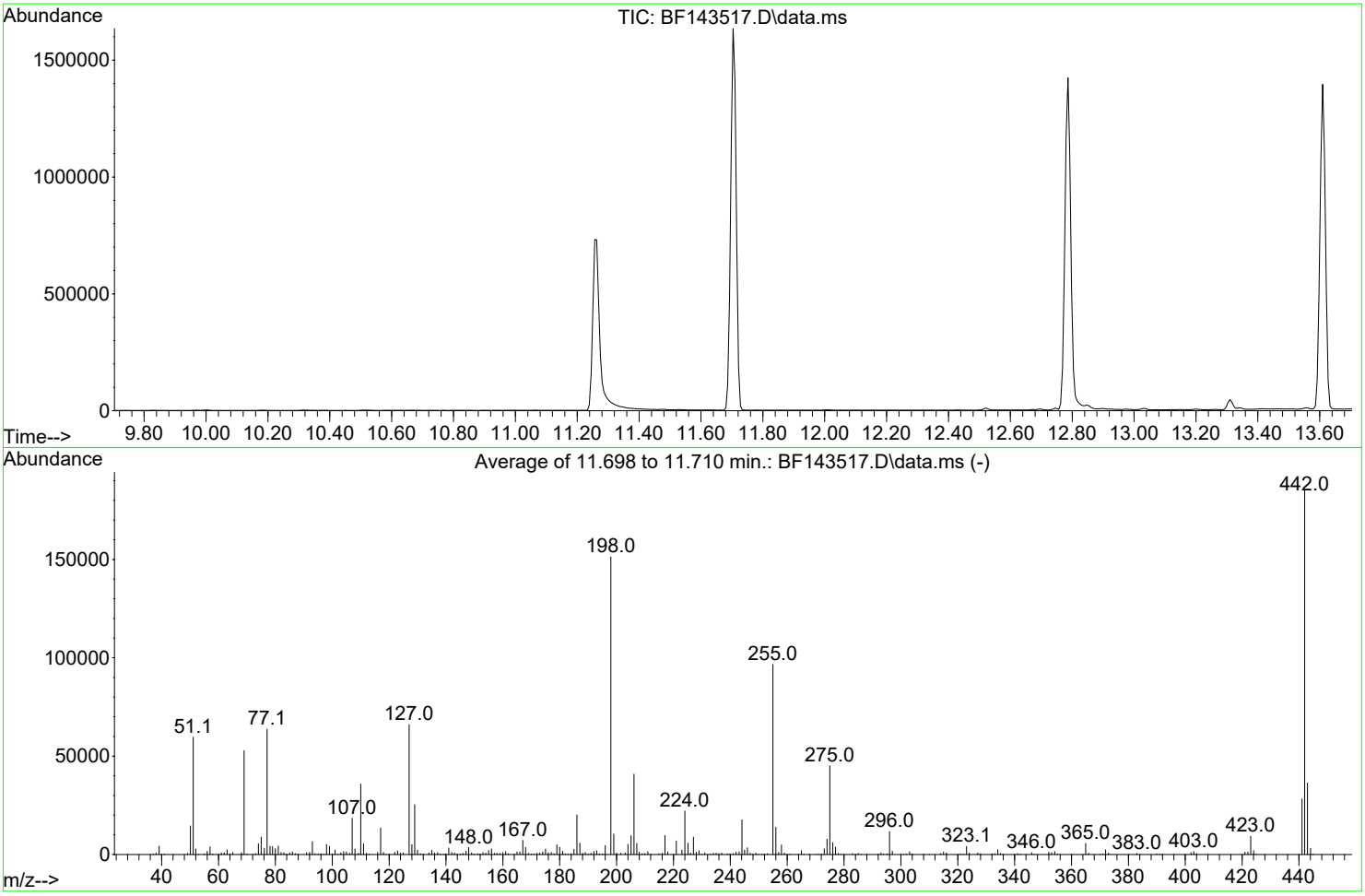
Sample Results: **BF143517.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143517.D
Acq On : 21 Aug 2025 08:20
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-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 21 06:12:21 2025



AutoFind: Scans 1616, 1617, 1618; Background Corrected with Scan 1610

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	984	PASS
69	69	100	100	100.0	52787	PASS
70	69	0.00	2	0.6	326	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	151288	PASS
199	198	5	9	6.9	10453	PASS
365	198	1	100	3.8	5742	PASS
441	443	0.01	150	77.6	28243	PASS
442	442	100	100	100.0	185035	PASS
443	442	15	24	19.7	36395	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/21/2025	BNA_F	BF143517.D
Compound Name	**Response**	**Retention Time**
DDT	346568	13.61
DDD	14042	13.31
DDE	896	12.974
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
14938	361506	4.13

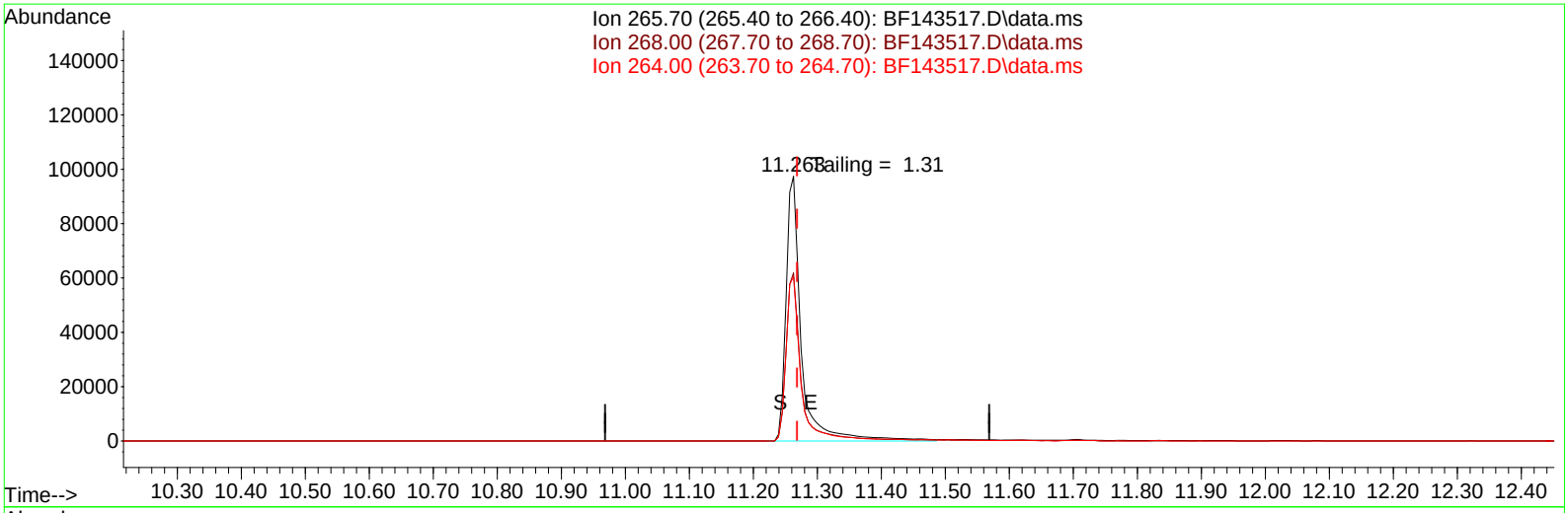
Instrument :
BNA_F
ClientSampleId :
DFTPP

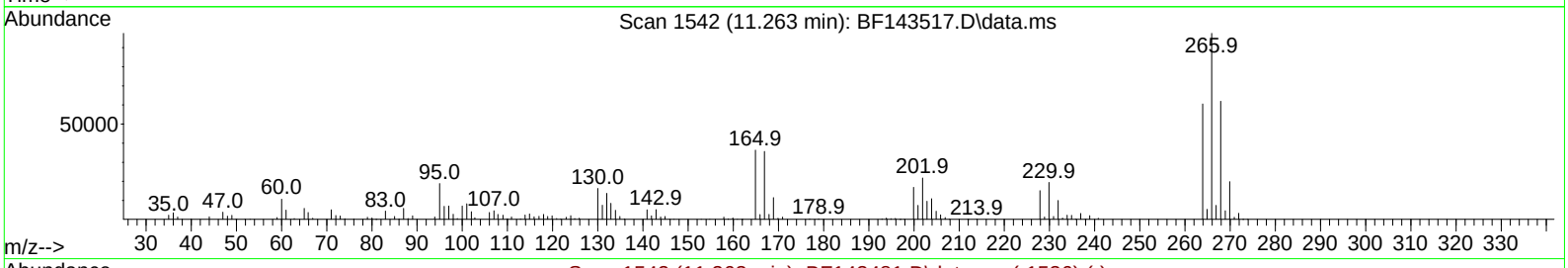
Sample Results: **BF143517.D**

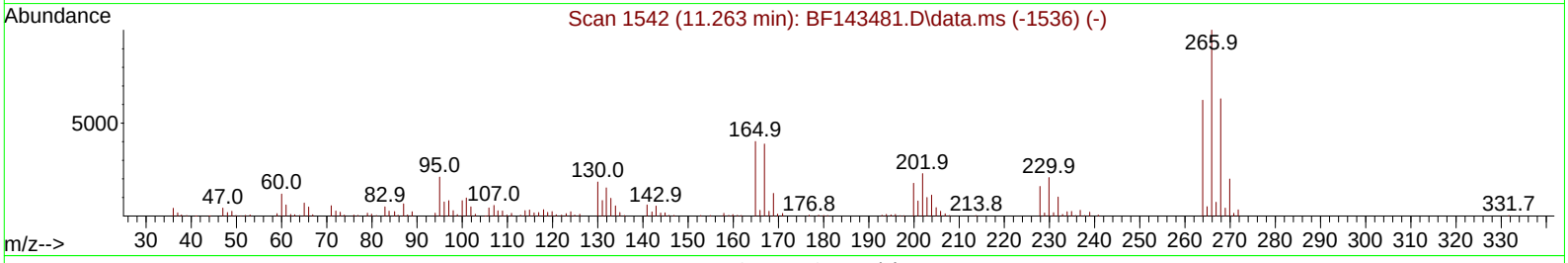
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143517.D
Acq On : 21 Aug 2025 08:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 21 08:42:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration







TIC: BF143517.D\data.ms

(70) Pentachlorophenol (C)

11.263min (-0.006) 27043.48 ng

response 160887

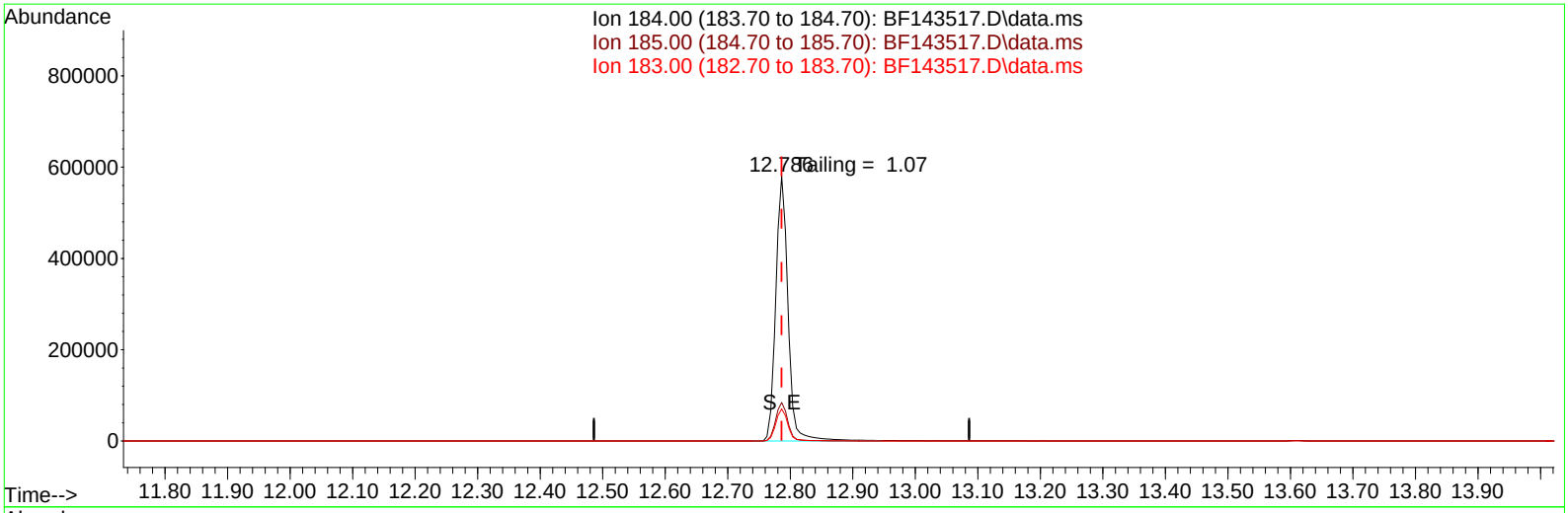
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.52
264.00	62.30	62.15
0.00	0.00	0.00

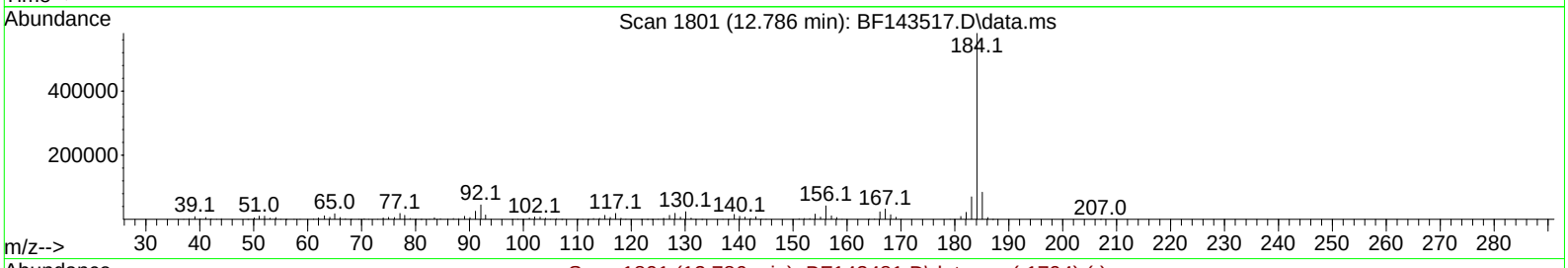
Sample Results: **BF143517.D**

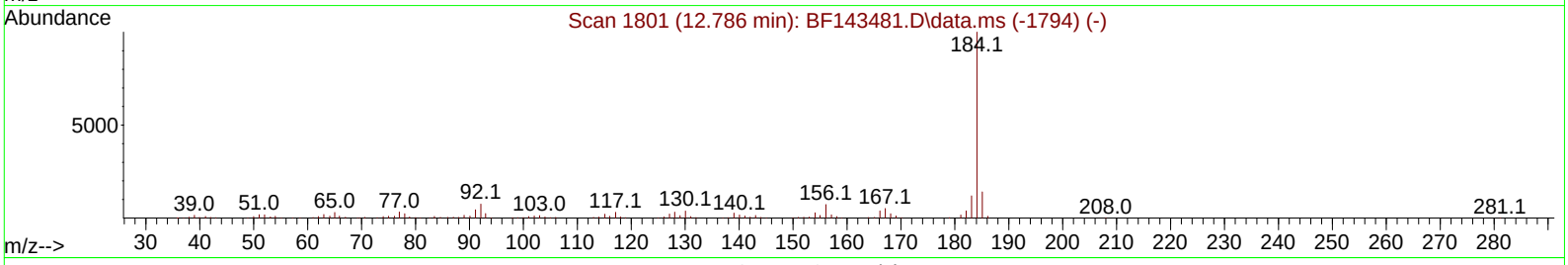
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143517.D
Acq On : 21 Aug 2025 08:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 21 08:42:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration







TIC: BF143517.D\data.ms

(77) Benzidine

12.786min (+ 0.000) 116738.94 ng

response 796205

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.54
183.00	11.90	12.13
0.00	0.00	0.00

Raw Data: **BF143499.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BL	SDG No.:	Q2900
Lab Sample ID:	PB169313BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143499.D	1	08/19/25 09:29	08/20/25 22:34	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.0	U	3.90	10.0	ug/L
108-95-2	Phenol	5.00	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.00	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	5.00	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	5.00	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.00	U	1.30	5.00	ug/L
98-86-2	Acetophenone	5.00	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	10.0	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.00	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	5.00	U	0.76	5.00	ug/L
78-59-1	Isophorone	5.00	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	5.00	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	5.00	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.00	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	5.00	U	0.52	5.00	ug/L
91-20-3	Naphthalene	5.00	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	5.00	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	5.00	U	0.54	5.00	ug/L
105-60-2	Caprolactam	10.0	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.00	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	5.00	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	10.0	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.00	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	5.00	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	5.00	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	5.00	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	5.00	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	5.00	U	0.61	5.00	ug/L

Raw Data: **BF143499.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BL	SDG No.:	Q2900
Lab Sample ID:	PB169313BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143499.D	1	08/19/25 09:29	08/20/25 22:34	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.00	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	5.00	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	5.00	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	5.00	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	10.0	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	10.0	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	5.00	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	5.00	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	5.00	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.00	U	0.68	5.00	ug/L
86-73-7	Fluorene	5.00	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	5.00	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.0	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.00	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	5.00	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	5.00	U	0.52	5.00	ug/L
1912-24-9	Atrazine	5.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	10.0	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	5.00	U	0.50	5.00	ug/L
120-12-7	Anthracene	5.00	U	0.61	5.00	ug/L
86-74-8	Carbazole	5.00	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	5.00	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	5.00	U	0.82	5.00	ug/L
129-00-0	Pyrene	5.00	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	5.00	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	10.0	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	5.00	U	0.45	5.00	ug/L
218-01-9	Chrysene	5.00	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.00	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	10.0	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.00	U	0.49	5.00	ug/L

Raw Data: **BF143499.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BL	SDG No.:	Q2900
Lab Sample ID:	PB169313BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143499.D	1	08/19/25 09:29	08/20/25 22:34	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.00	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	5.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.00	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	120		23 - 138	80%	SPK: 150
13127-88-3	Phenol-d6	121		10 - 134	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.9		67 - 132	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.4		52 - 132	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		44 - 137	81%	SPK: 150
1718-51-0	Terphenyl-d14	94.0		42 - 152	94%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	129000	6.928			
1146-65-2	Naphthalene-d8	503000	8.204			
15067-26-2	Acenaphthene-d10	275000	9.963			
1517-22-2	Phenanthrene-d10	442000	11.451			
1719-03-5	Chrysene-d12	241000	14.098			
1520-96-3	Perylene-d12	243000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.30	A		5.17	ug/L
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	6.80	J		17.4	ug/L

Raw Data: **BF143499.D**

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

Report of Analysis

Client:	AECOM			Date Collected:	
Project:	National Grid Equity - Brooklyn NY			Date Received:	
Client Sample ID:	PB169313BL			SDG No.:	Q2900
Lab Sample ID:	PB169313BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143499.D	1	08/19/25 09:29	08/20/25 22:34	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BF082025\
Data File : BF143499.D
Acq On : 20 Aug 2025 22:34
Operator : RC/JU
Sample : PB169313BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169313BL

Quant Time: Aug 21 02:07:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

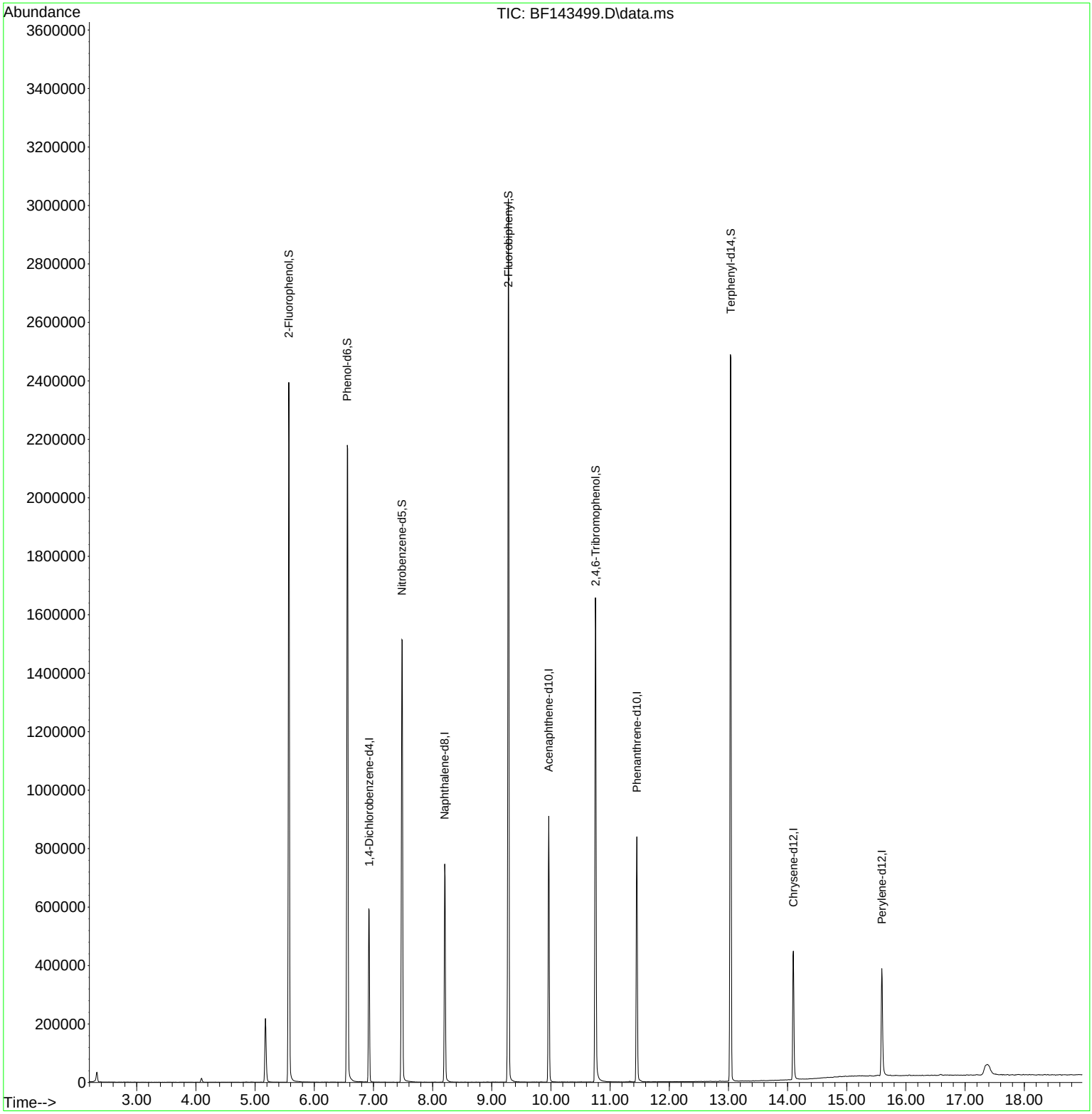
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	129120	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	502778	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	274867	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	442472	20.000	ng	0.00
76) Chrysene-d12	14.098	240	240607	20.000	ng	0.00
86) Perylene-d12	15.592	264	242779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	886459	119.881	ng	0.00
7) Phenol-d6	6.557	99	1102348	120.764	ng	-0.02
23) Nitrobenzene-d5	7.481	82	739828	85.868	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	309366	120.912	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1387713	83.438	ng	0.00
79) Terphenyl-d14	13.039	244	1295623	93.967	ng	0.00
Target Compounds						Qvalue

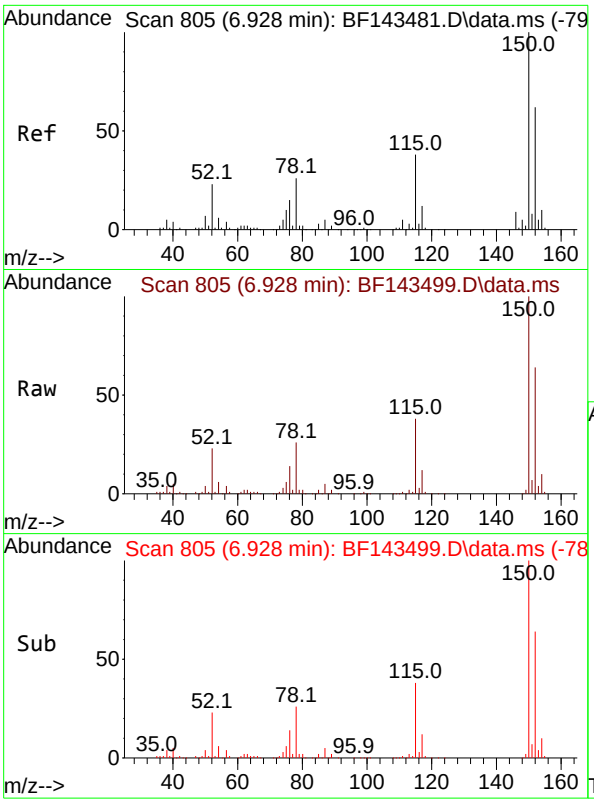
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143499.D
Acq On : 20 Aug 2025 22:34
Operator : RC/JU
Sample : PB169313BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169313BL

Quant Time: Aug 21 02:07:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



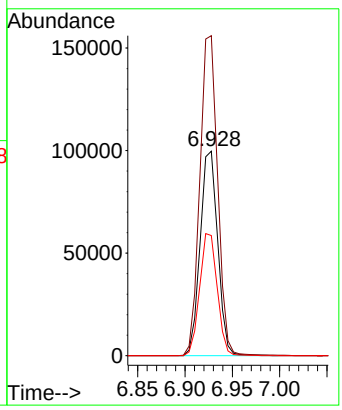


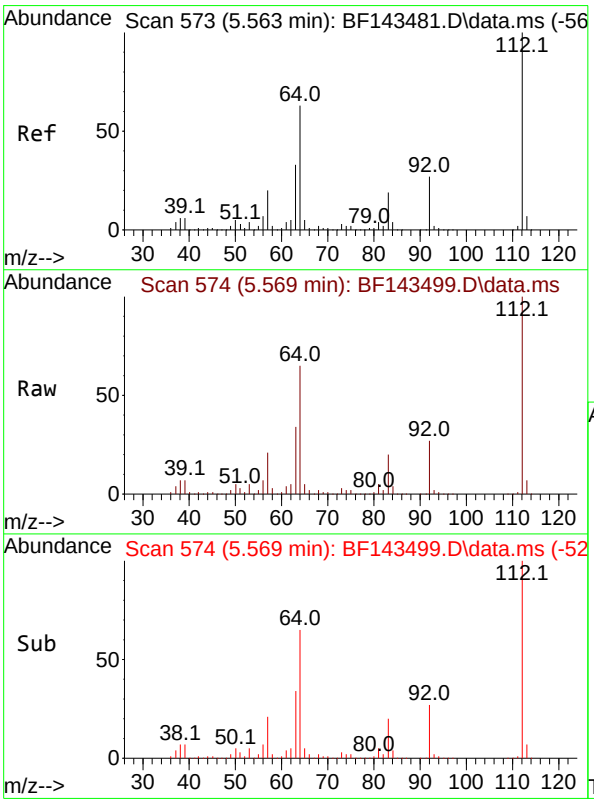
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143499.D
Acq: 20 Aug 2025 22:34

Instrument :
BNA_F
ClientSampleId :
PB169313BL

Tgt Ion:152 Resp: 129120

Ion	Ratio	Lower	Upper
152	100		
150	156.5	128.9	193.3
115	58.8	49.2	73.8

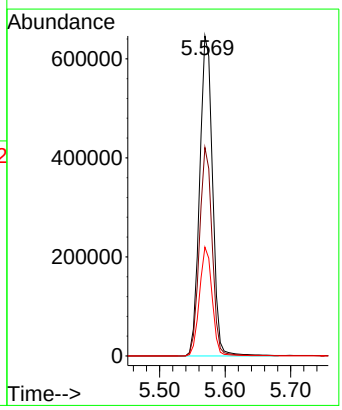


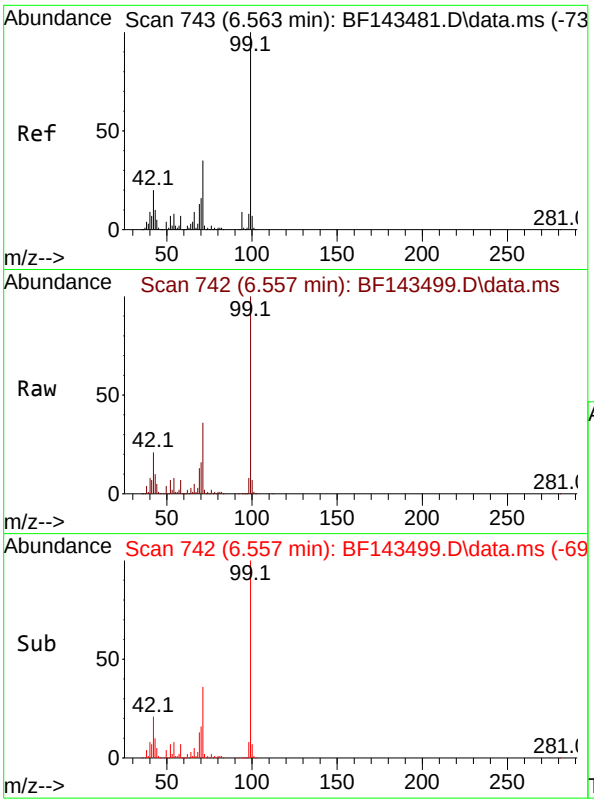


#5
2-Fluorophenol
Concen: 119.881 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF143499.D
Acq: 20 Aug 2025 22:34

Tgt Ion:112 Resp: 886459

Ion	Ratio	Lower	Upper
112	100		
64	65.2	50.4	75.6
63	34.0	26.4	39.6



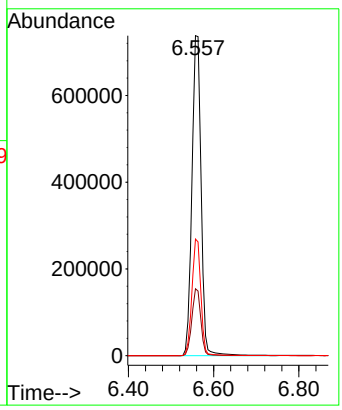


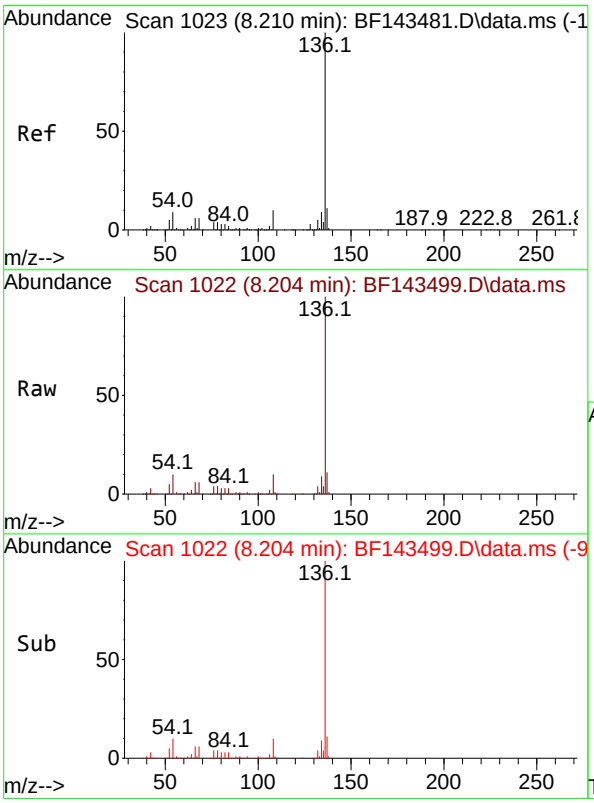
#7
Phenol-d6
Concen: 120.764 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF143499.D
Acq: 20 Aug 2025 22:34

Instrument :
BNA_F
ClientSampleId :
PB169313BL

Tgt Ion: 99 Resp: 1102348

Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.3	24.5
71	36.4	28.2	42.2

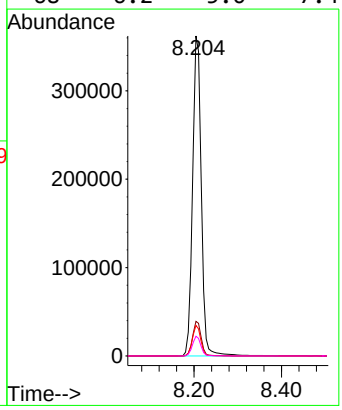


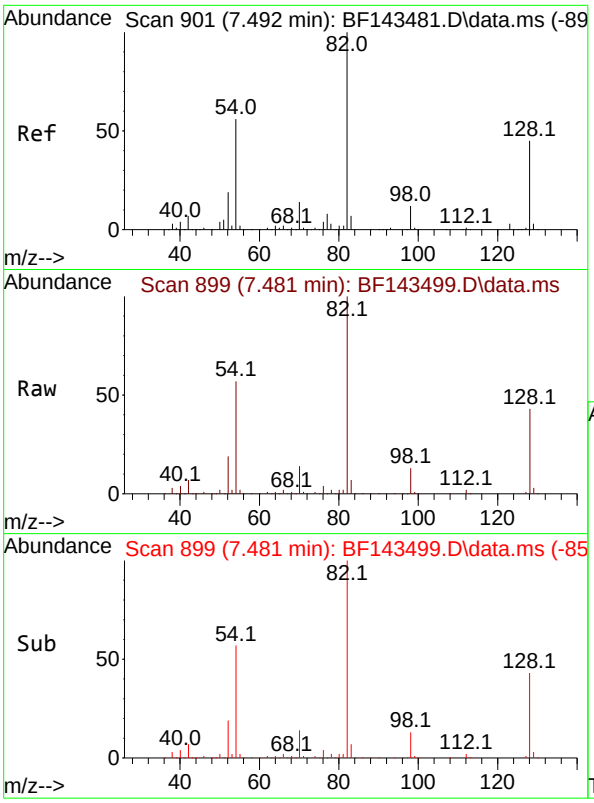


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143499.D
Acq: 20 Aug 2025 22:34

Tgt Ion:136 Resp: 502778

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	9.6	7.4	11.2
68	6.2	5.0	7.4



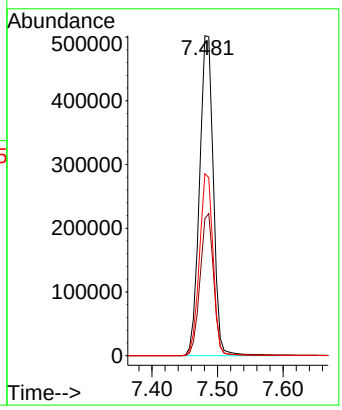


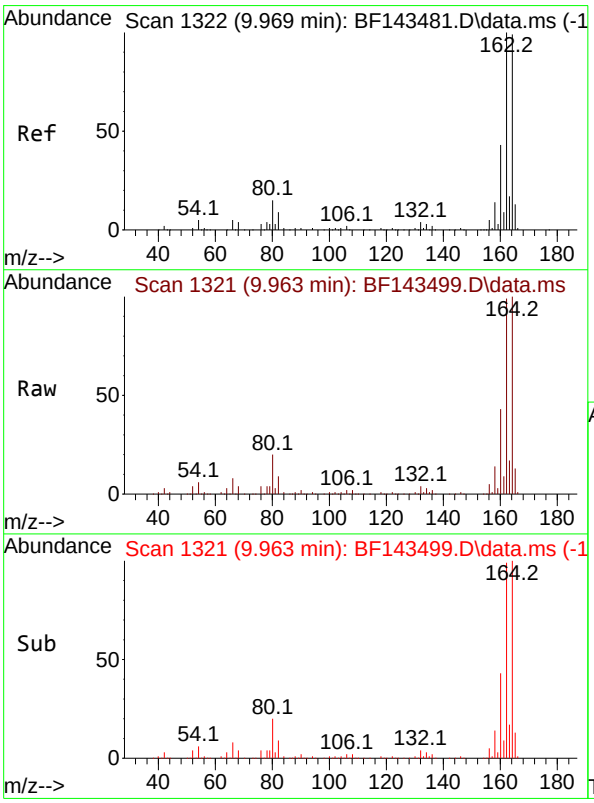
#23
Nitrobenzene-d5
Concen: 85.868 ng
RT: 7.481 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143499.D
Acq: 20 Aug 2025 22:34

Instrument :
BNA_F
ClientSampleId :
PB169313BL

Tgt Ion: 82 Resp: 739828

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.5	53.3
54	56.9	44.3	66.5

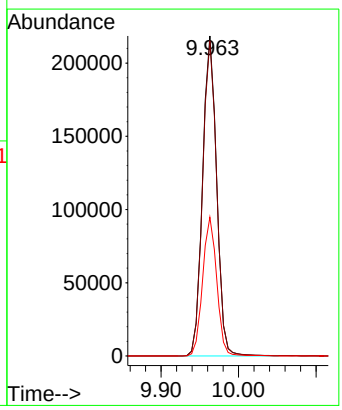


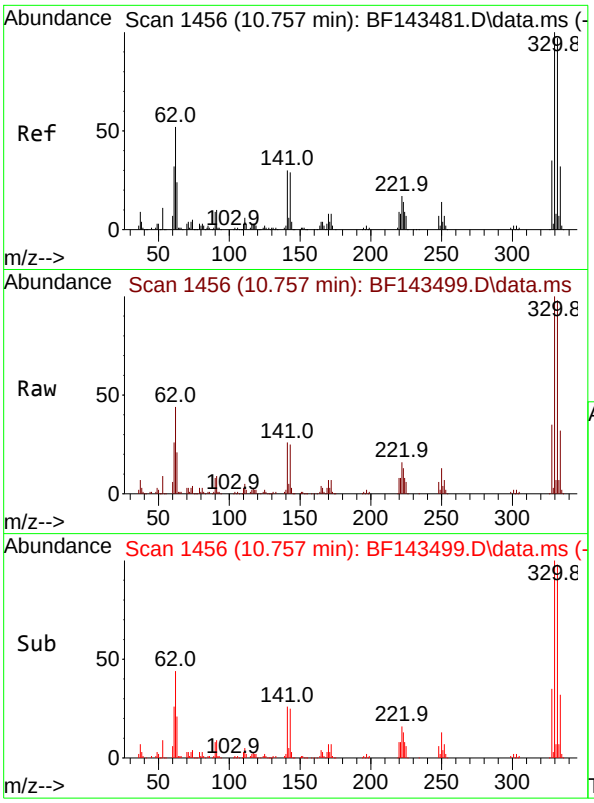


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143499.D
Acq: 20 Aug 2025 22:34

Tgt Ion:164 Resp: 274867

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.5	120.7
160	43.4	34.3	51.5



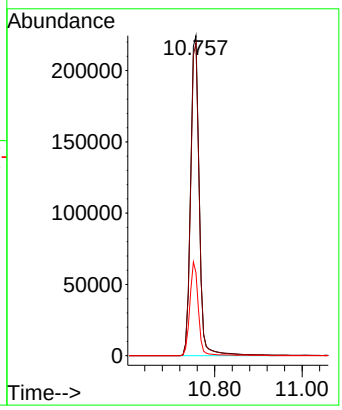


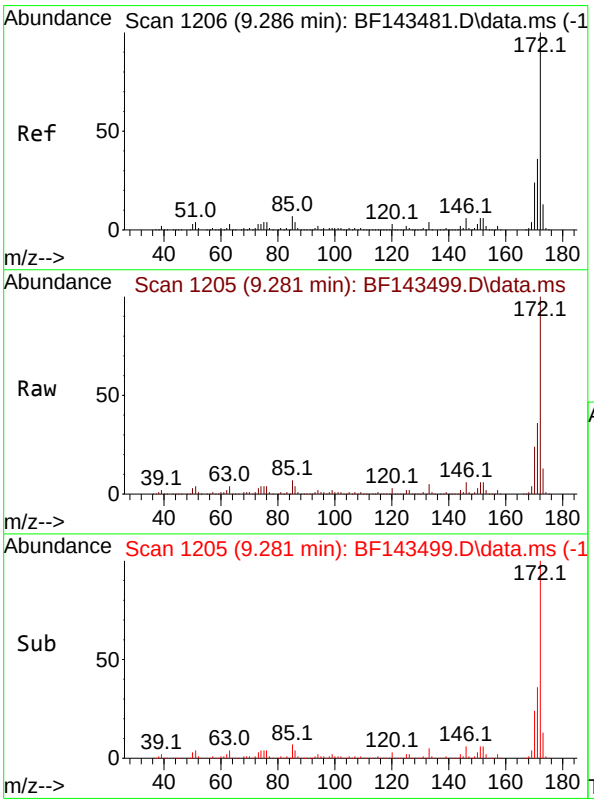
#42
2,4,6-Tribromophenol
Concen: 120.912 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143499.D
Acq: 20 Aug 2025 22:34

Instrument :
BNA_F
ClientSampleId :
PB169313BL

Tgt Ion:330 Resp: 309366

Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.0	117.0
141	28.6	23.7	35.5

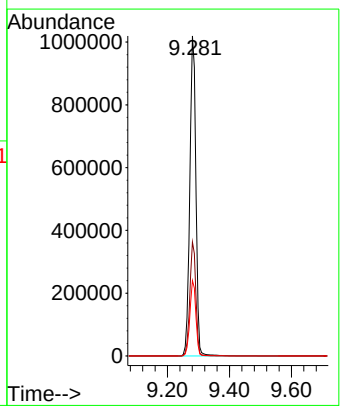


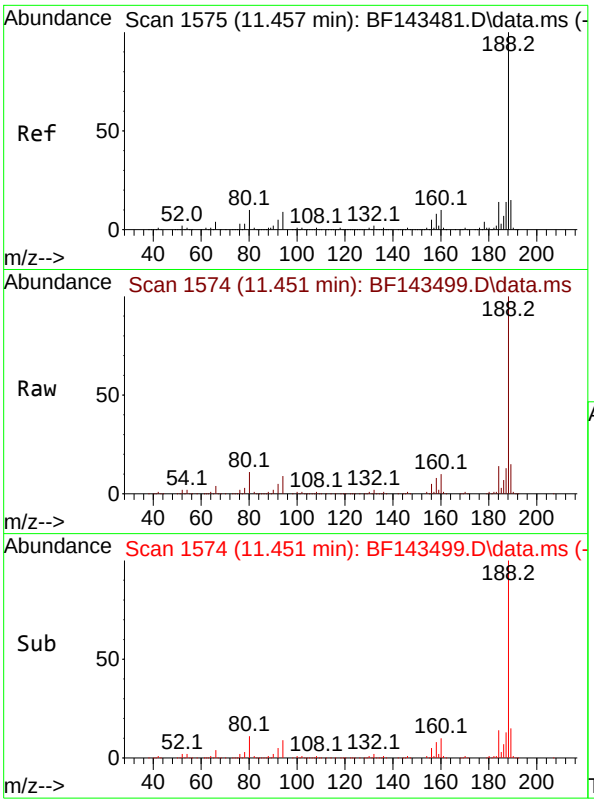


#45
2-Fluorobiphenyl
Concen: 83.438 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143499.D
Acq: 20 Aug 2025 22:34

Tgt Ion:172 Resp: 1387713

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.6	18.8	28.2



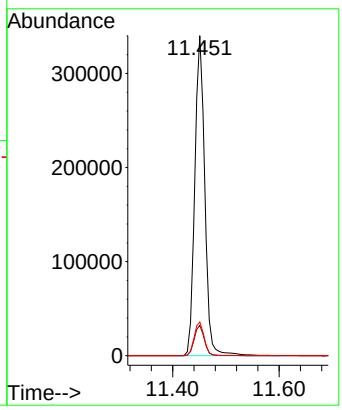


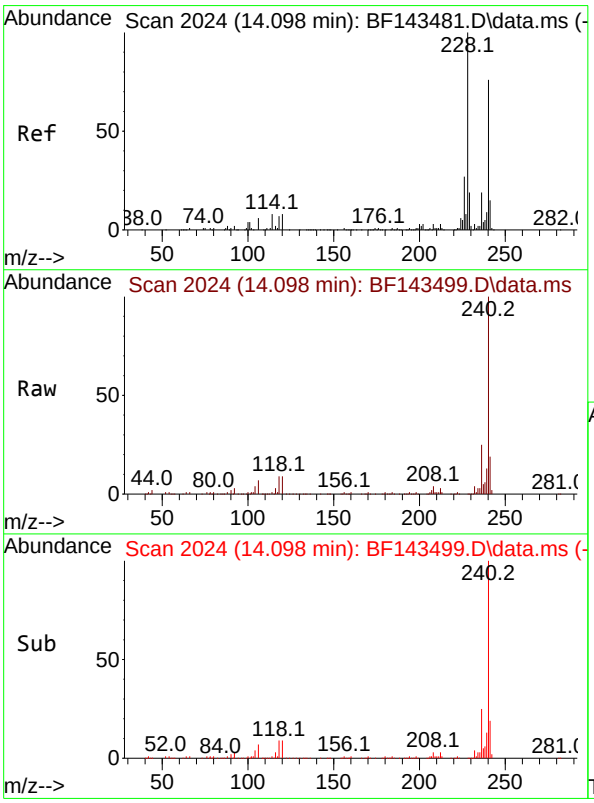
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143499.D
Acq: 20 Aug 2025 22:34

Instrument :
BNA_F
ClientSampleId :
PB169313BL

Tgt Ion:188 Resp: 442472

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.4	11.2
80	10.6	8.2	12.4

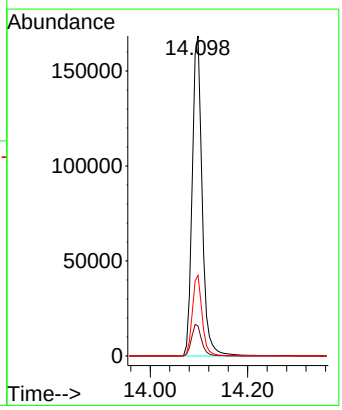


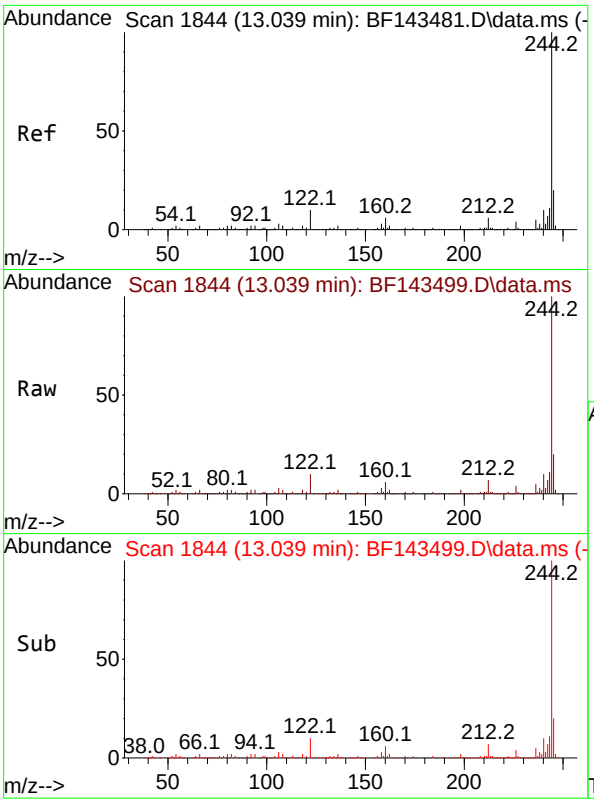


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143499.D
Acq: 20 Aug 2025 22:34

Tgt Ion:240 Resp: 240607

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.6	12.8
236	25.2	20.4	30.6



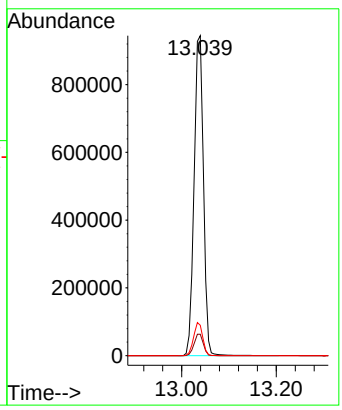


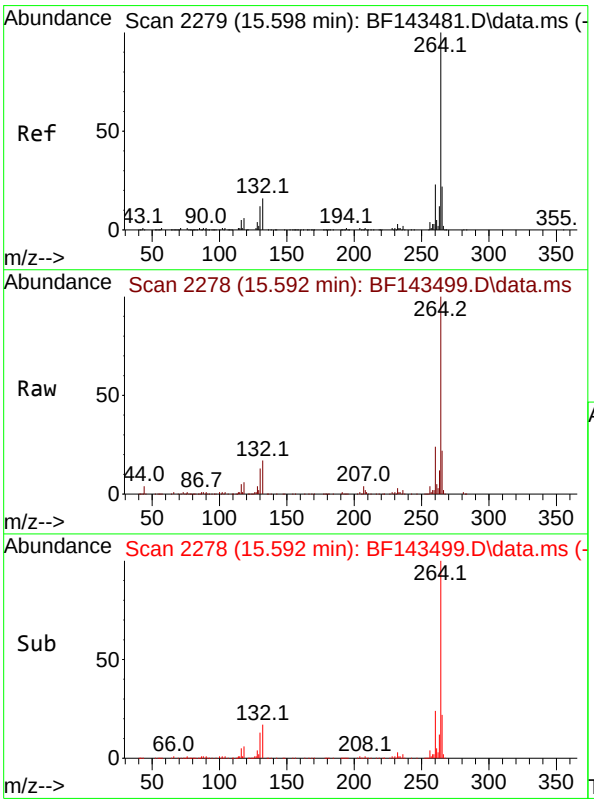
#79
Terphenyl-d14
Concen: 93.967 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143499.D
Acq: 20 Aug 2025 22:34

Instrument :
BNA_F
ClientSampleId :
PB169313BL

Tgt Ion:244 Resp: 1295623

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	9.5	7.9	11.9

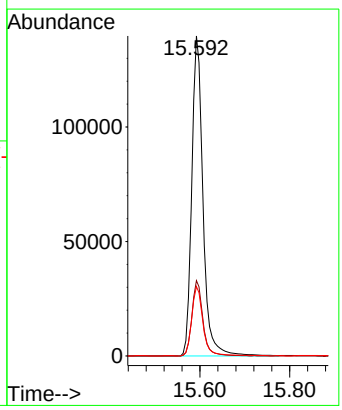




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143499.D
Acq: 20 Aug 2025 22:34

Tgt Ion:264 Resp: 242779

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.7	17.6	26.4



Sample Results: **BF143499.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143499.D
Acq On : 20 Aug 2025 22:34
Operator : RC/JU
Sample : PB169313BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169313BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143499.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.328	11	23	31	rVB	33210	64920	1.60%	0.266%
2	5.175	500	507	522	rBV	218272	361508	8.94%	1.482%
3	5.569	568	574	595	rBV	2393902	3256726	80.51%	13.348%
4	6.557	736	742	773	rBV	2179223	3253502	80.43%	13.334%
5	6.922	799	804	822	rVB	593906	774808	19.15%	3.176%
6	7.481	893	899	931	rBV	1513408	2240906	55.40%	9.184%
7	8.204	1016	1022	1042	rBV	745989	1021991	25.27%	4.189%
8	9.281	1198	1205	1221	rBV	3021317	4045007	100.00%	16.578%
9	9.963	1315	1321	1336	rBV	910288	1146020	28.33%	4.697%
10	10.751	1450	1455	1492	rBV	1656816	2274290	56.22%	9.321%
11	11.451	1569	1574	1594	rBV	838482	1082573	26.76%	4.437%
12	13.033	1838	1843	1849	rBV	2485204	3402909	84.13%	13.947%
13	14.098	2018	2024	2041	rBV	440262	635344	15.71%	2.604%
14	15.592	2272	2278	2294	rBV	366187	625835	15.47%	2.565%
15	17.374	2569	2581	2603	rVB4	33409	213137	5.27%	0.874%

Sum of corrected areas: 24399476

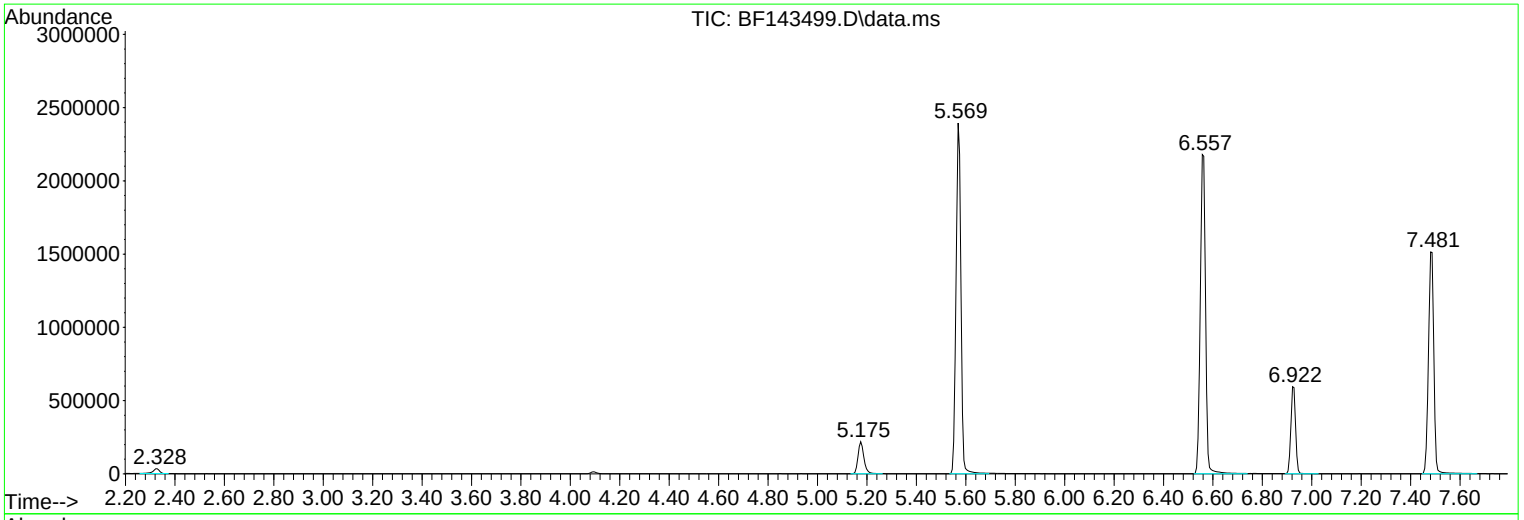
Sample Results: **BF143499.D**

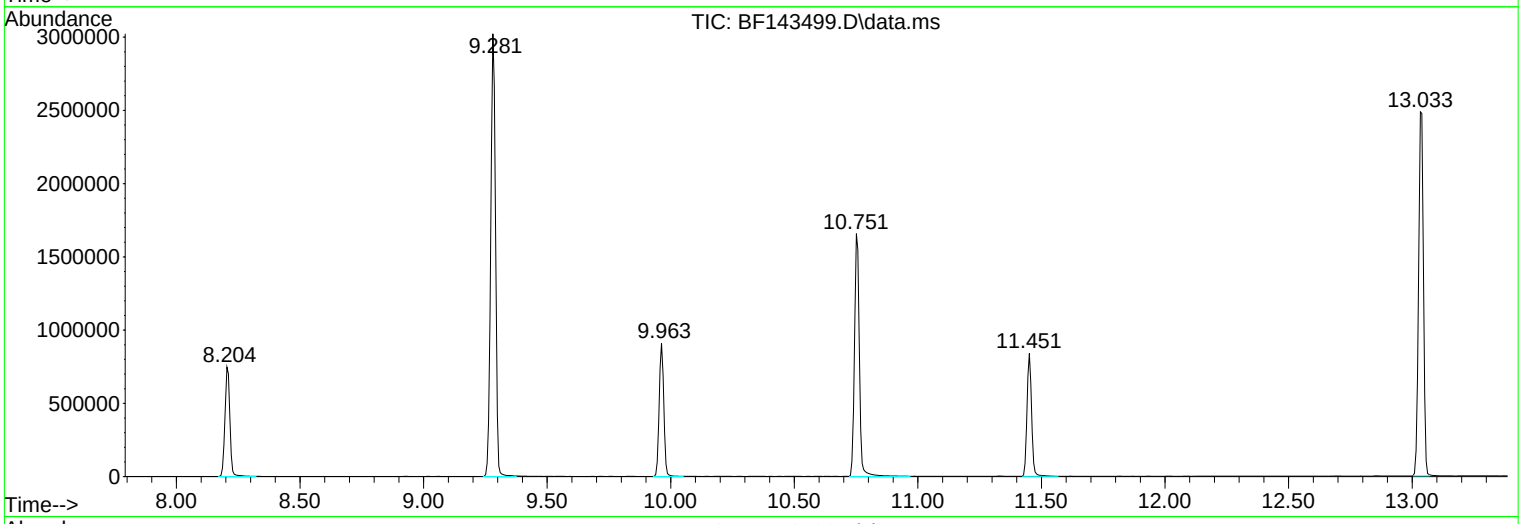
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143499.D
Acq On : 20 Aug 2025 22:34
Operator : RC/JU
Sample : PB169313BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

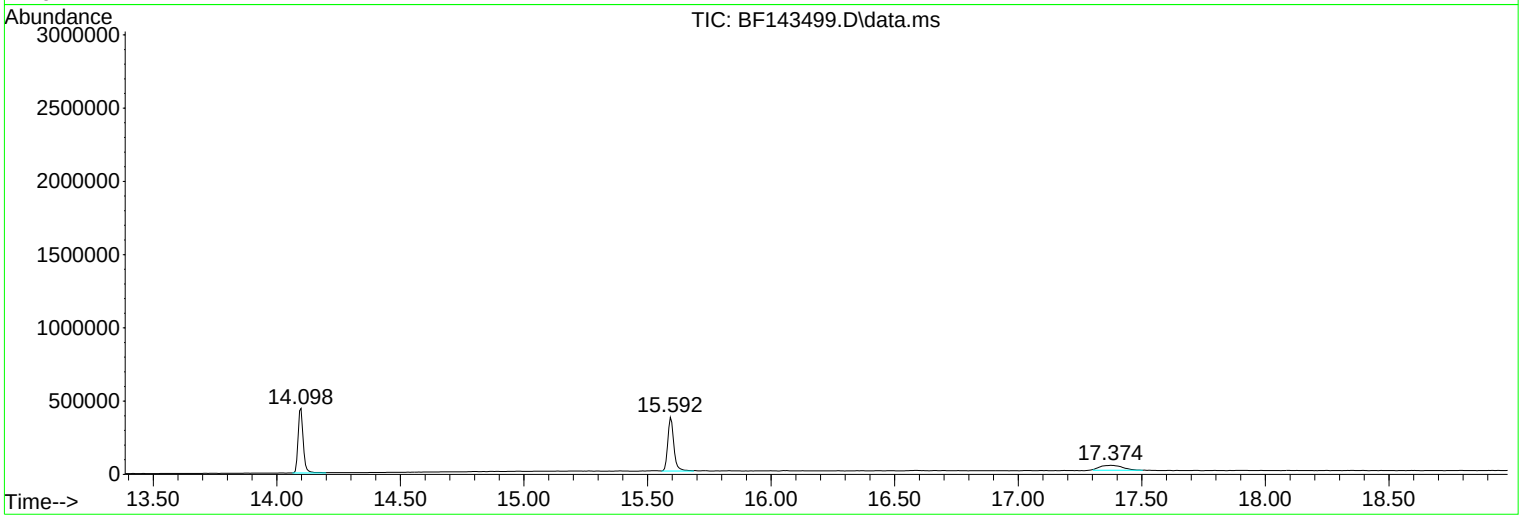
Instrument :
BNA_F
ClientSampleId :
PB169313BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143499.D
Acq On : 20 Aug 2025 22:34
Operator : RC/JU
Sample : PB169313BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169313BL

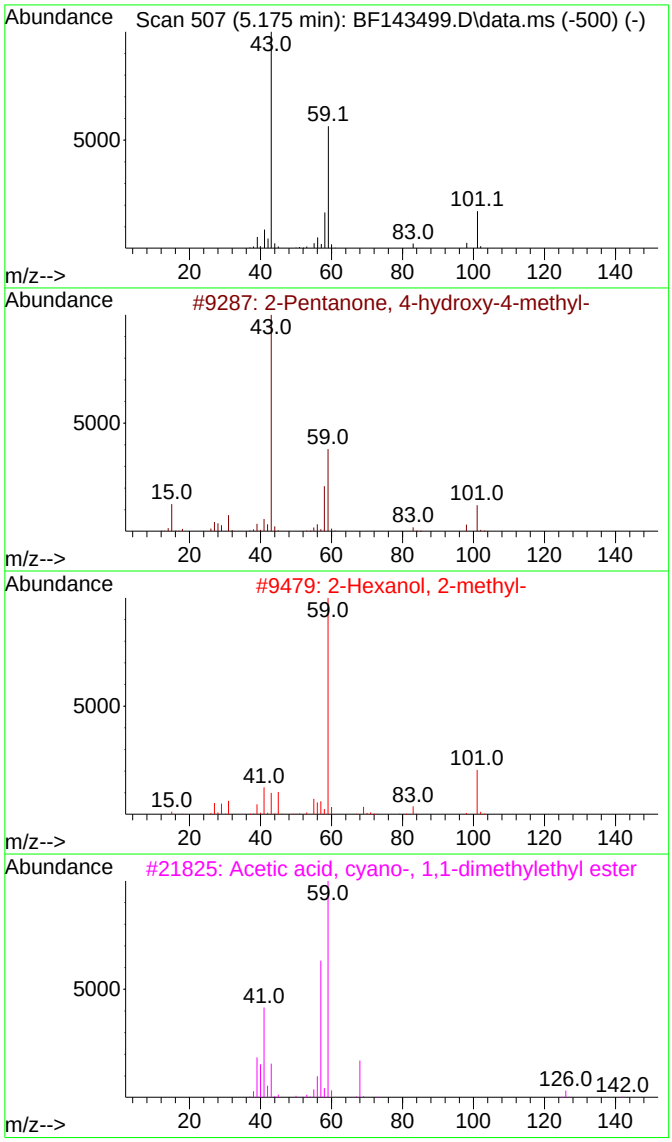
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

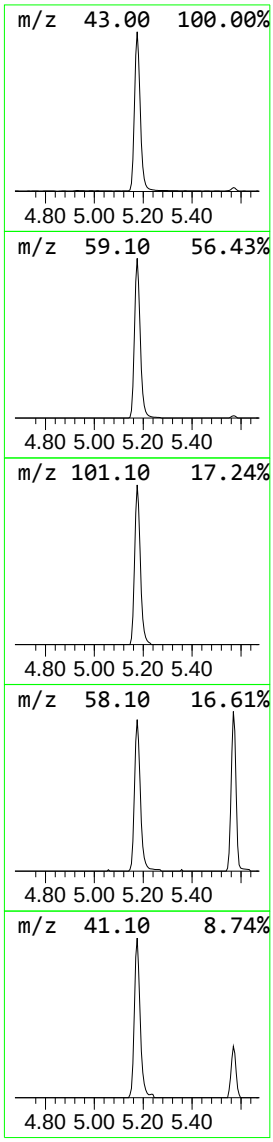
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.175	9.33 ng	361508	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143499.D
Acq On : 20 Aug 2025 22:34
Operator : RC/JU
Sample : PB169313BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169313BL

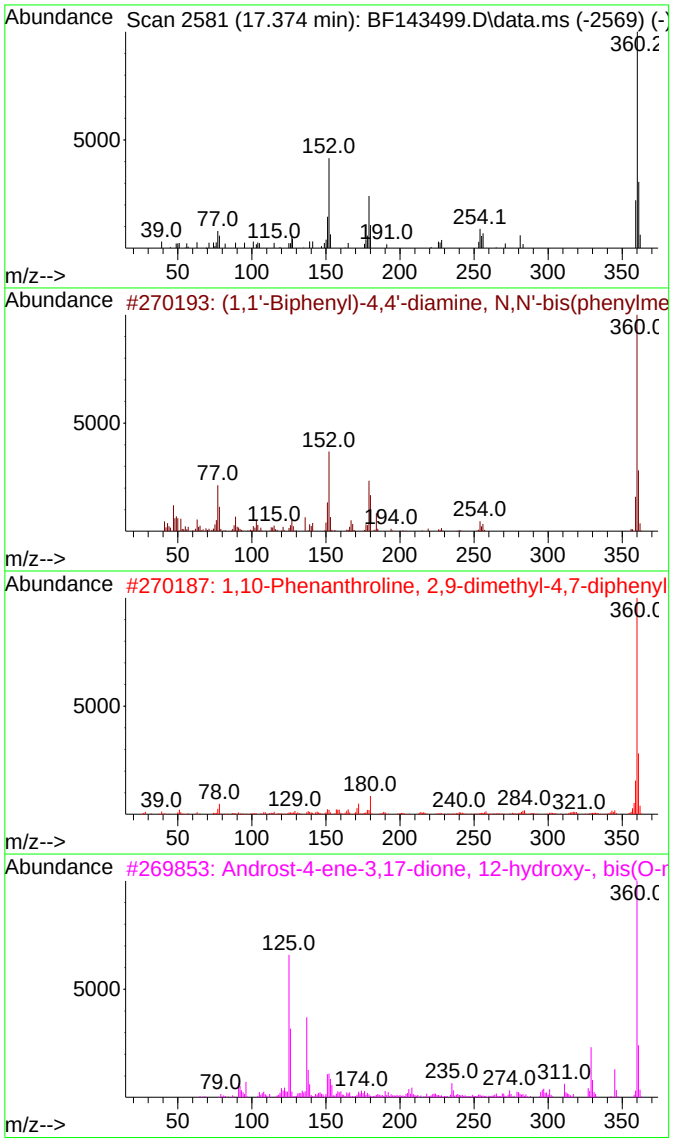
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

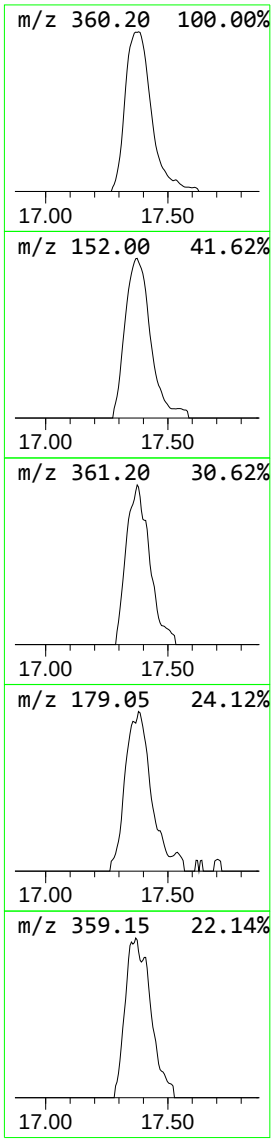
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.374	6.81 ng	213137	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	93
2	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	49
3	Androst-4-ene-3,17-dione, 12-hyd...	360	C21H32N2O3	069688-31-9	47
4	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	47
5	Ethene, 1-(anthracen-9-yl)-2-(4-...	360	C27H20O	1000163-55-1	43





Sample Results: **BF143499.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143499.D
Acq On : 20 Aug 2025 22:34
Operator : RC/JU
Sample : PB169313BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169313BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.175	9.3	ng	361508	1	6.928	774808	20.0
(1,1'-Biphenyl)...	17.374	6.8	ng	213137	6	15.592	625835	20.0

Raw Data: **BF143488.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BS	SDG No.:	Q2900
Lab Sample ID:	PB169313BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143488.D	1	08/19/25 09:29	08/20/25 16:44	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	25.5		3.90	10.0	ug/L
108-95-2	Phenol	42.6		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.6		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	45.3		0.58	5.00	ug/L
95-48-7	2-Methylphenol	45.7		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.5		1.30	5.00	ug/L
98-86-2	Acetophenone	45.9		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	45.1		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46.7		1.40	2.50	ug/L
67-72-1	Hexachloroethane	45.1		0.65	5.00	ug/L
98-95-3	Nitrobenzene	45.0		0.76	5.00	ug/L
78-59-1	Isophorone	46.3		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	47.1		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	48.5		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.7		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	44.3		0.52	5.00	ug/L
91-20-3	Naphthalene	43.9		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	29.3		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.8		0.54	5.00	ug/L
105-60-2	Caprolactam	51.4		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	45.4		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	40.4		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	45.3		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.2		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	44.7		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	43.8		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	46.2		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	46.7		0.61	5.00	ug/L

Raw Data: **BF143488.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BS	SDG No.:	Q2900
Lab Sample ID:	PB169313BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143488.D	1	08/19/25 09:29	08/20/25 16:44	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	49.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	50.4		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	34.3		1.10	5.00	ug/L
83-32-9	Acenaphthene	47.9		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	90.6	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	99.2	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	44.9		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	50.9		1.20	5.00	ug/L
84-66-2	Diethylphthalate	47.7		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.2		0.68	5.00	ug/L
86-73-7	Fluorene	45.4		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	48.5		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52.6		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	47.9		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	46.0		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	45.7		0.52	5.00	ug/L
1912-24-9	Atrazine	49.7		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	98.0	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	45.1		0.50	5.00	ug/L
120-12-7	Anthracene	45.8		0.61	5.00	ug/L
86-74-8	Carbazole	46.1		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	49.8		1.20	5.00	ug/L
206-44-0	Fluoranthene	45.7		0.82	5.00	ug/L
129-00-0	Pyrene	47.0		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	50.7		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	33.0		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.5		0.45	5.00	ug/L
218-01-9	Chrysene	48.8		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	51.1		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	46.9		0.49	5.00	ug/L

Raw Data: **BF143488.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BS	SDG No.:	Q2900
Lab Sample ID:	PB169313BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143488.D	1	08/19/25 09:29	08/20/25 16:44	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	47.6		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	49.7		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	46.9		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.3		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	48.2		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.3		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	38.9		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.8		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	126		23 - 138	84%	SPK: 150
13127-88-3	Phenol-d6	127		10 - 134	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.7		67 - 132	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.6		52 - 132	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		44 - 137	93%	SPK: 150
1718-51-0	Terphenyl-d14	94.8		42 - 152	95%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	135000	6.928			
1146-65-2	Naphthalene-d8	517000	8.21			
15067-26-2	Acenaphthene-d10	285000	9.969			
1517-22-2	Phenanthrene-d10	435000	11.457			
1719-03-5	Chrysene-d12	242000	14.098			
1520-96-3	Perylene-d12	290000	15.598			

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\BF082025\
Data File : BF143488.D
Acq On : 20 Aug 2025 16:44
Operator : RC/JU
Sample : PB169313BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 21 06:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169313BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	135406	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	517174	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	285363	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	434773	20.000	ng	0.00
76) Chrysene-d12	14.098	240	242024	20.000	ng	0.00
86) Perylene-d12	15.598	264	290471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	978941	126.242	ng	0.01
7) Phenol-d6	6.569	99	1212927	126.709	ng	0.00
23) Nitrobenzene-d5	7.487	82	821994	92.749	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	372333	140.169	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1496037	86.643	ng	0.00
79) Terphenyl-d14	13.039	244	1314279	94.762	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.857	88	139645	38.874	ng	98
3) Pyridine	3.610	79	376166	39.316	ng	99
4) n-Nitrosodimethylamine	3.557	42	204555	47.558	ng	100
6) Aniline	6.593	93	473786	37.029	ng	92
8) 2-Chlorophenol	6.716	128	388404	45.348	ng	100
9) Benzaldehyde	6.475	77	197598	25.496	ng	98
10) Phenol	6.581	94	469575	42.582	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	367879	44.642	ng	99
12) 1,3-Dichlorobenzene	6.869	146	431278	44.815	ng	99
13) 1,4-Dichlorobenzene	6.945	146	438315	45.405	ng	99
14) 1,2-Dichlorobenzene	7.098	146	419496	45.898	ng	99
15) Benzyl Alcohol	7.069	79	336855	47.002	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	587313	44.547	ng	96
17) 2-Methylphenol	7.187	107	314264	45.717	ng	99
18) Hexachloroethane	7.439	117	148005	45.094	ng	97
19) n-Nitroso-di-n-propyla...	7.340	70	273392	46.727	ng	99
20) 3+4-Methylphenols	7.334	107	370330	45.128	ng	100
22) Acetophenone	7.334	105	512901	45.905	ng	99
24) Nitrobenzene	7.510	77	410266	44.977	ng	99
25) Isophorone	7.745	82	752754	46.335	ng	100
26) 2-Nitrophenol	7.822	139	210247	47.055	ng	97
27) 2,4-Dimethylphenol	7.863	122	337545	48.462	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	456571	45.730	ng	100
29) 2,4-Dichlorophenol	8.069	162	329205	44.255	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	357138	46.695	ng	100
31) Naphthalene	8.234	128	1088785	43.850	ng	100
32) Benzoic acid	7.998	122	186131	47.168	ng	99
33) 4-Chloroaniline	8.275	127	257956	29.271	ng	99
34) Hexachlorobutadiene	8.351	225	223510	44.793	ng	100
35) Caprolactam	8.645	113	91830m	51.444	ng	
36) 4-Chloro-3-methylphenol	8.763	107	338812	45.448	ng	98
37) 2-Methylnaphthalene	8.922	142	669435	40.368	ng	99
38) 1-Methylnaphthalene	9.022	142	687275	43.326	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	353074	43.256	ng	99
41) Hexachlorocyclopentadiene	9.081	237	393494	120.520	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	227602	45.316	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143488.D
Acq On : 20 Aug 2025 16:44
Operator : RC/JU
Sample : PB169313BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 21 06:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169313BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	242677	44.233	ng	98
46) 1,1'-Biphenyl	9.386	154	905413	44.702	ng	100
47) 2-Chloronaphthalene	9.416	162	696404	43.821	ng	99
48) 2-Nitroaniline	9.504	65	214901	46.205	ng	99
49) Acenaphthylene	9.828	152	1127144	49.533	ng	100
50) Dimethylphthalate	9.686	163	802340	46.684	ng	100
51) 2,6-Dinitrotoluene	9.745	165	179513	50.396	ng	99
52) Acenaphthene	10.004	154	739712	47.878	ng	100
53) 3-Nitroaniline	9.916	138	131984	34.291	ng	100
54) 2,4-Dinitrophenol	10.028	184	174062	90.623	ng	99
55) Dibenzofuran	10.175	168	988542	44.878	ng	99
56) 4-Nitrophenol	10.086	139	227228	99.219	ng	96
57) 2,4-Dinitrotoluene	10.151	165	242170	50.917	ng	98
58) Fluorene	10.516	166	770009	45.420	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	211116	51.796	ng	98
60) Diethylphthalate	10.386	149	734973	47.698	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	382845	45.154	ng	100
62) 4-Nitroaniline	10.533	138	171463	48.499	ng	98
63) Azobenzene	10.663	77	761351	47.652	ng	99
65) 4,6-Dinitro-2-methylph...	10.569	198	128974	52.612	ng	97
66) n-Nitrosodiphenylamine	10.622	169	670162	47.897	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	238851	46.043	ng	98
68) Hexachlorobenzene	11.069	284	255432	45.680	ng	98
69) Atrazine	11.151	200	179670	49.745	ng	100
70) Pentachlorophenol	11.269	266	250992	98.008	ng	99
71) Phenanthrene	11.480	178	1048955	45.053	ng	100
72) Anthracene	11.533	178	1079925	45.786	ng	100
73) Carbazole	11.686	167	890299	46.066	ng	99
74) Di-n-butylphthalate	12.010	149	897655	49.788	ng	99
75) Fluoranthene	12.669	202	955266	45.725	ng	99
77) Benzidine	12.786	184	330741	56.102	ng	99
78) Pyrene	12.898	202	936601	47.046	ng	99
80) Butylbenzylphthalate	13.510	149	275606	50.676	ng	99
81) Benzo(a)anthracene	14.086	228	724952	46.526	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	147047	32.953	ng	99
83) Chrysene	14.127	228	683519	48.813	ng	100
84) Bis(2-ethylhexyl)phtha...	14.068	149	422164	50.965	ng	100
85) Di-n-octyl phthalate	14.680	149	784582	51.129	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	979376	46.920	ng	100
88) Benzo(b)fluoranthene	15.157	252	757232	46.898	ng	100
89) Benzo(k)fluoranthene	15.186	252	735798	47.596	ng	100
90) Benzo(a)pyrene	15.533	252	744311	49.663	ng	99
91) Dibenzo(a,h)anthracene	17.145	278	790719	47.300	ng	99
92) Benzo(g,h,i)perylene	17.592	276	801902	48.242	ng	99

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

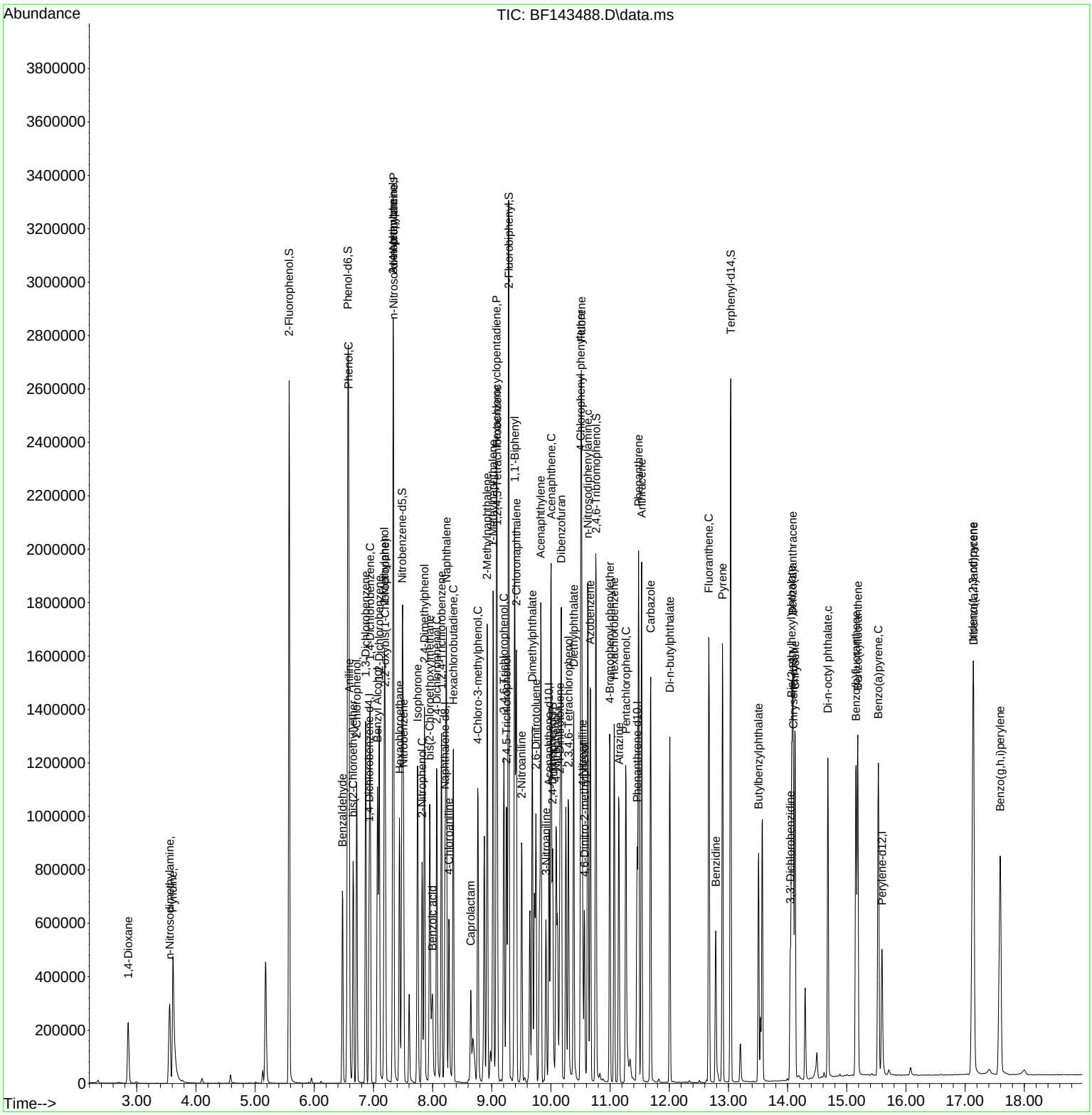
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143488.D
Acq On : 20 Aug 2025 16:44
Operator : RC/JU
Sample : PB169313BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 21 06:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169313BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BSD	SDG No.:	Q2900
Lab Sample ID:	PB169313BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143489.D	1	08/19/25 09:29	08/20/25 17:13	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	26.7		3.90	10.0	ug/L
108-95-2	Phenol	43.9		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.1		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	46.9		0.58	5.00	ug/L
95-48-7	2-Methylphenol	47.2		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	46.8		1.30	5.00	ug/L
98-86-2	Acetophenone	47.0		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	46.3		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	47.8		1.40	2.50	ug/L
67-72-1	Hexachloroethane	46.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	46.8		0.76	5.00	ug/L
78-59-1	Isophorone	48.7		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	48.9		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	49.4		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	46.6		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	45.3		0.52	5.00	ug/L
91-20-3	Naphthalene	44.8		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	12.9		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	46.5		0.54	5.00	ug/L
105-60-2	Caprolactam	52.1		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	46.1		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	41.2		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	45.7		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.0		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	44.9		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	44.4		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	47.5		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	47.0		0.61	5.00	ug/L

Raw Data: **BF143489.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BSD	SDG No.:	Q2900
Lab Sample ID:	PB169313BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143489.D	1	08/19/25 09:29	08/20/25 17:13	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	50.0		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	51.2		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	24.3		1.10	5.00	ug/L
83-32-9	Acenaphthene	49.3		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	93.0	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	100	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	44.9		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	52.3		1.20	5.00	ug/L
84-66-2	Diethylphthalate	48.4		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.5		0.68	5.00	ug/L
86-73-7	Fluorene	45.8		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	48.3		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.3		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	48.3		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	46.8		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	47.1		0.52	5.00	ug/L
1912-24-9	Atrazine	52.6		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	46.8		0.50	5.00	ug/L
120-12-7	Anthracene	47.1		0.61	5.00	ug/L
86-74-8	Carbazole	47.8		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	51.4		1.20	5.00	ug/L
206-44-0	Fluoranthene	46.9		0.82	5.00	ug/L
129-00-0	Pyrene	48.7		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	53.8		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	20.5		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.9		0.45	5.00	ug/L
218-01-9	Chrysene	49.3		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	50.7		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	51.3		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	47.0		0.49	5.00	ug/L

Raw Data: **BF143489.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BSD	SDG No.:	Q2900
Lab Sample ID:	PB169313BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143489.D	1	08/19/25 09:29	08/20/25 17:13	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	49.1		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	50.8		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.4		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.4		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	49.0		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.6		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	39.4		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	52.0		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	118		23 - 138	79%	SPK: 150
13127-88-3	Phenol-d6	120		10 - 134	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.2		67 - 132	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.4		52 - 132	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	127		44 - 137	84%	SPK: 150
1718-51-0	Terphenyl-d14	91.2		42 - 152	91%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	134000	6.928			
1146-65-2	Naphthalene-d8	510000	8.21			
15067-26-2	Acenaphthene-d10	281000	9.969			
1517-22-2	Phenanthrene-d10	430000	11.457			
1719-03-5	Chrysene-d12	235000	14.098			
1520-96-3	Perylene-d12	275000	15.598			

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\BF082025\
Data File : BF143489.D
Acq On : 20 Aug 2025 17:13
Operator : RC/JU
Sample : PB169313BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 21 06:24:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169313BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	134095	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	510372	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	281230	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	429898	20.000	ng		0.00
76) Chrysene-d12	14.098	240	234937	20.000	ng		0.00
86) Perylene-d12	15.598	264	275165	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	906431	118.034	ng		0.01
7) Phenol-d6	6.569	99	1137459	119.987	ng		0.00
23) Nitrobenzene-d5	7.487	82	762747	87.211	ng		-0.01
42) 2,4,6-Tribromophenol	10.763	330	331402	126.594	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	1385209	81.403	ng		0.00
79) Terphenyl-d14	13.039	244	1227361	91.165	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.846	88	140225	39.417	ng		98
3) Pyridine	3.604	79	381000	40.210	ng		99
4) n-Nitrosodimethylamine	3.551	42	209463	49.176	ng		96
6) Aniline	6.592	93	385324	30.409	ng	#	89
8) 2-Chlorophenol	6.716	128	397932	46.915	ng		99
9) Benzaldehyde	6.475	77	204602	26.658	ng		98
10) Phenol	6.581	94	479009	43.862	ng		96
11) bis(2-Chloroethyl)ether	6.657	93	376321	46.112	ng		100
12) 1,3-Dichlorobenzene	6.869	146	450136	47.232	ng		99
13) 1,4-Dichlorobenzene	6.945	146	449967	47.068	ng		99
14) 1,2-Dichlorobenzene	7.098	146	430820	47.598	ng		100
15) Benzyl Alcohol	7.069	79	349102	49.187	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	610573	46.765	ng		96
17) 2-Methylphenol	7.187	107	320988	47.151	ng		99
18) Hexachloroethane	7.439	117	152082	46.790	ng		98
19) n-Nitroso-di-n-propyla...	7.339	70	277063	47.817	ng		100
20) 3+4-Methylphenols	7.334	107	376455	46.323	ng		95
22) Acetophenone	7.334	105	517836	46.964	ng		99
24) Nitrobenzene	7.510	77	420860	46.754	ng		98
25) Isophorone	7.745	82	780874	48.706	ng		100
26) 2-Nitrophenol	7.822	139	215430	48.857	ng		98
27) 2,4-Dimethylphenol	7.863	122	339385	49.375	ng		100
28) bis(2-Chloroethoxy)met...	7.951	93	459281	46.615	ng		100
29) 2,4-Dichlorophenol	8.069	162	332236	45.257	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	362445	48.021	ng		100
31) Naphthalene	8.234	128	1098754	44.842	ng		100
32) Benzoic acid	7.992	122	184125	47.268	ng		97
33) 4-Chloroaniline	8.275	127	112061	12.885	ng		99
34) Hexachlorobutadiene	8.351	225	228735	46.451	ng		99
35) Caprolactam	8.645	113	91773m	52.098	ng		
36) 4-Chloro-3-methylphenol	8.769	107	339481	46.145	ng		99
37) 2-Methylnaphthalene	8.922	142	673616	41.162	ng		99
38) 1-Methylnaphthalene	9.022	142	687011	43.887	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	350599	43.584	ng		99
41) Hexachlorocyclopentadiene	9.081	237	396561	123.098	ng		100
43) 2,4,6-Trichlorophenol	9.204	196	226186	45.696	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143489.D
Acq On : 20 Aug 2025 17:13
Operator : RC/JU
Sample : PB169313BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 21 06:24:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169313BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	237819	43.985	ng	99
46) 1,1'-Biphenyl	9.386	154	897223	44.948	ng	100
47) 2-Chloronaphthalene	9.410	162	694733	44.358	ng	99
48) 2-Nitroaniline	9.504	65	217580	47.469	ng	99
49) Acenaphthylene	9.828	152	1121586	50.014	ng	99
50) Dimethylphthalate	9.686	163	796613	47.032	ng	100
51) 2,6-Dinitrotoluene	9.745	165	179774	51.211	ng	98
52) Acenaphthene	10.004	154	751245	49.339	ng	100
53) 3-Nitroaniline	9.916	138	92083	24.276	ng	99
54) 2,4-Dinitrophenol	10.028	184	176260	92.970	ng	98
55) Dibenzofuran	10.175	168	975498	44.937	ng	99
56) 4-Nitrophenol	10.086	139	228057	101.045	ng	94
57) 2,4-Dinitrotoluene	10.151	165	245063	52.282	ng	97
58) Fluorene	10.516	166	765879	45.840	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	208751	51.968	ng	99
60) Diethylphthalate	10.386	149	735316	48.421	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	380418	45.528	ng	100
62) 4-Nitroaniline	10.533	138	168332	48.313	ng	99
63) Azobenzene	10.663	77	763587	48.494	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	129091	53.257	ng	96
66) n-Nitrosodiphenylamine	10.622	169	667663	48.259	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	239849	46.760	ng	98
68) Hexachlorobenzene	11.069	284	260280	47.075	ng	98
69) Atrazine	11.151	200	187729	52.566	ng	99
70) Pentachlorophenol	11.269	266	256427	101.265	ng	99
71) Phenanthrene	11.480	178	1077665	46.811	ng	100
72) Anthracene	11.533	178	1098131	47.086	ng	100
73) Carbazole	11.686	167	913776	47.817	ng	99
74) Di-n-butylphthalate	12.010	149	915491	51.353	ng	99
75) Fluoranthene	12.669	202	968757	46.897	ng	99
77) Benzidine	12.786	184	203411	35.544	ng	99
78) Pyrene	12.898	202	940507	48.667	ng	100
80) Butylbenzylphthalate	13.510	149	283983	53.791	ng	99
81) Benzo(a)anthracene	14.086	228	709995	46.940	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	88838	20.509	ng	99
83) Chrysene	14.127	228	670537	49.330	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	407661	50.699	ng	100
85) Di-n-octyl phthalate	14.680	149	764827	51.345	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	936751	47.375	ng	100
88) Benzo(b)fluoranthene	15.157	252	718254	46.959	ng	100
89) Benzo(k)fluoranthene	15.186	252	719311	49.118	ng	100
90) Benzo(a)pyrene	15.533	252	721420	50.813	ng	100
91) Dibenzo(a,h)anthracene	17.145	278	766358	48.393	ng	99
92) Benzo(g,h,i)perylene	17.592	276	771124	48.971	ng	99

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

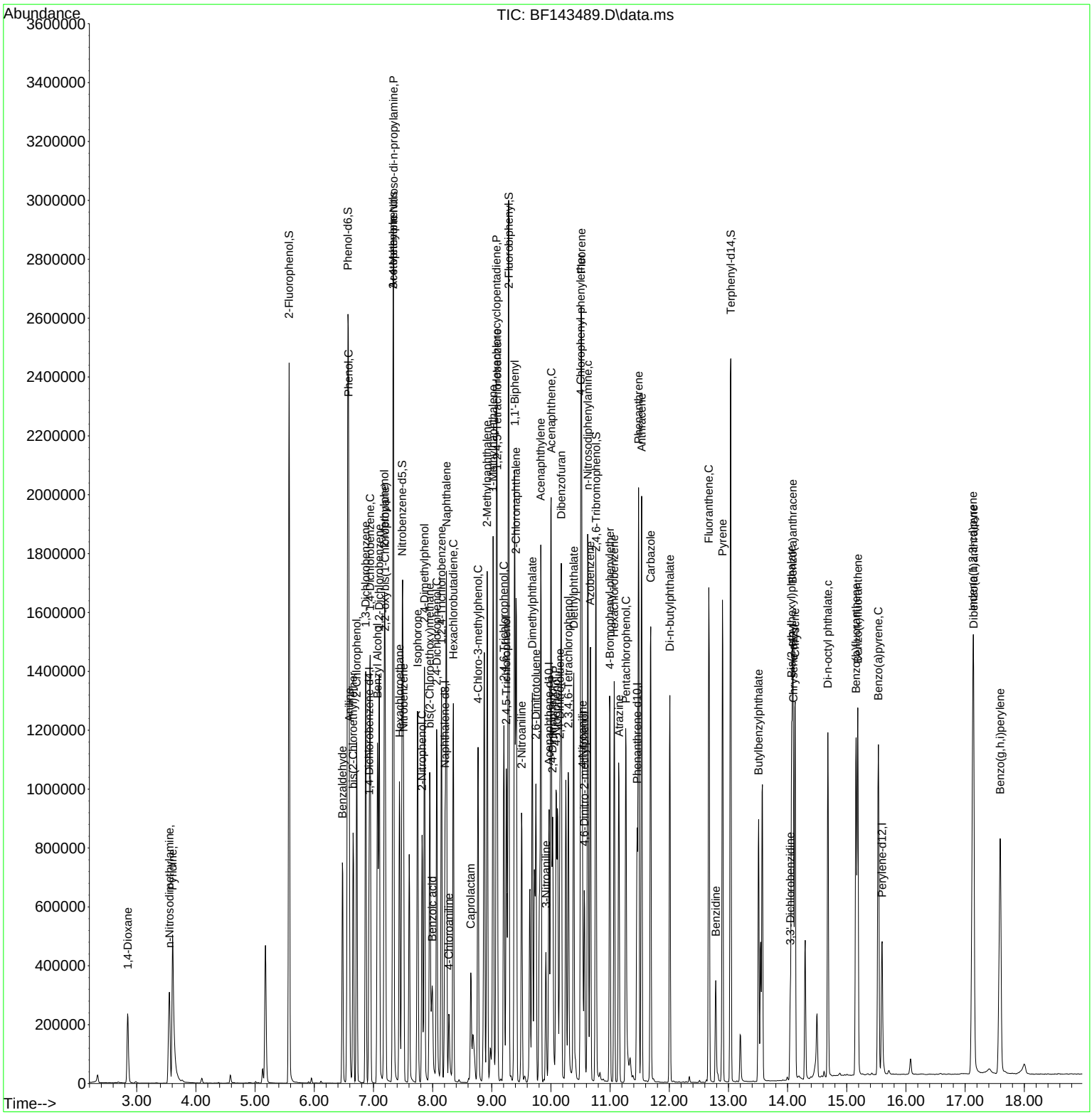
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143489.D
Acq On : 20 Aug 2025 17:13
Operator : RC/JU
Sample : PB169313BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 21 06:24:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169313BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



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

Manual Integration Report

Sequence:	BF082025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169313BS	BF143488.D	Caprolactam	Rahul	8/21/2025 8:36:49 AM	Jagrut	8/21/2025 11:01:58 AM	Peak Integrated by Software
PB169313BSD	BF143489.D	Caprolactam	Rahul	8/21/2025 8:36:52 AM	Jagrut	8/21/2025 11:02:00 AM	Peak Integrated by Software
Q2900-03	BF143512.D	Fluorene	Rahul	8/21/2025 8:37:05 AM	Jagrut	8/21/2025 11:02:13 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BF082125	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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 # BF082025

Review By	Rahul	Review On	8/21/2025 8:38:24 AM				
Supervise By	Jagrut	Supervise On	8/21/2025 11:02:57 AM				
SubDirectory	BF082025	HP Acquire Method	BNA_F		HP Processing Method	bf082025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143476.D	20 Aug 2025 10:26	RC/JU	Ok
2	SSTDICC2.5	BF143477.D	20 Aug 2025 10:55	RC/JU	Ok
3	SSTDICC005	BF143478.D	20 Aug 2025 11:25	RC/JU	Ok
4	SSTDICC010	BF143479.D	20 Aug 2025 11:54	RC/JU	Ok
5	SSTDICC020	BF143480.D	20 Aug 2025 12:23	RC/JU	Ok
6	SSTDICCC040	BF143481.D	20 Aug 2025 12:53	RC/JU	Ok
7	SSTDICC050	BF143482.D	20 Aug 2025 13:22	RC/JU	Ok
8	SSTDICC060	BF143483.D	20 Aug 2025 13:51	RC/JU	Ok
9	SSTDICC080	BF143484.D	20 Aug 2025 14:20	RC/JU	Ok
10	SSTDICV040	BF143485.D	20 Aug 2025 15:16	RC/JU	Ok
11	PB169299BL	BF143486.D	20 Aug 2025 15:46	RC/JU	Ok
12	PB169299BS	BF143487.D	20 Aug 2025 16:15	RC/JU	Not Ok
13	PB169313BS	BF143488.D	20 Aug 2025 16:44	RC/JU	Ok,M
14	PB169313BSD	BF143489.D	20 Aug 2025 17:13	RC/JU	Ok,M
15	Q2892-12	BF143490.D	20 Aug 2025 17:43	RC/JU	Ok
16	Q2892-10	BF143491.D	20 Aug 2025 18:12	RC/JU	Ok
17	Q2892-10MS	BF143492.D	20 Aug 2025 18:41	RC/JU	Ok,M
18	Q2892-10MSD	BF143493.D	20 Aug 2025 19:10	RC/JU	Ok,M
19	Q2900-06	BF143494.D	20 Aug 2025 19:39	RC/JU	Ok
20	Q2900-07	BF143495.D	20 Aug 2025 20:08	RC/JU	Ok
21	Q2900-04	BF143496.D	20 Aug 2025 20:37	RC/JU	Ok

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 # BF082025

Review By	Rahul	Review On	8/21/2025 8:38:24 AM		
Supervise By	Jagrut	Supervise On	8/21/2025 11:02:57 AM		
SubDirectory	BF082025	HP Acquire Method	BNA_F	HP Processing Method	bf082025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	DFTPP	BF143497.D	20 Aug 2025 21:36	RC/JU	Ok
23	SSTDCCC040	BF143498.D	20 Aug 2025 22:05	RC/JU	Ok
24	PB169313BL	BF143499.D	20 Aug 2025 22:34	RC/JU	Ok
25	PB169223BS	BF143500.D	20 Aug 2025 23:03	RC/JU	Ok,M
26	PB169223BSD	BF143501.D	20 Aug 2025 23:32	RC/JU	Ok,M
27	Q2815-12	BF143502.D	21 Aug 2025 00:00	RC/JU	Ok
28	Q2900-01	BF143503.D	21 Aug 2025 00:29	RC/JU	Ok
29	Q2819-20	BF143504.D	21 Aug 2025 00:58	RC/JU	Ok
30	Q2819-14	BF143505.D	21 Aug 2025 01:27	RC/JU	Ok
31	Q2819-15	BF143506.D	21 Aug 2025 01:56	RC/JU	Ok
32	Q2819-18	BF143507.D	21 Aug 2025 02:25	RC/JU	Ok
33	Q2819-19	BF143508.D	21 Aug 2025 02:54	RC/JU	Ok
34	Q2892-06	BF143509.D	21 Aug 2025 03:23	RC/JU	Ok
35	Q2892-08	BF143510.D	21 Aug 2025 03:52	RC/JU	Ok
36	Q2900-02	BF143511.D	21 Aug 2025 04:21	RC/JU	Dilution
37	Q2900-03	BF143512.D	21 Aug 2025 04:49	RC/JU	Dilution
38	Q2900-05	BF143513.D	21 Aug 2025 05:18	RC/JU	Dilution
39	Q2815-11	BF143514.D	21 Aug 2025 05:47	RC/JU	Ok
40	Q2815-08	BF143515.D	21 Aug 2025 06:15	RC/JU	Ok
41	SSTDCCC040	BF143516.D	21 Aug 2025 06:44	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 # BF082125

Review By	Rahul	Review On	8/22/2025 8:18:48 AM				
Supervise By	mohammad	Supervise On	8/22/2025 8:27:40 AM				
SubDirectory	BF082125	HP Acquire Method	BNA_F		HP Processing Method	bf082025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143517.D	21 Aug 2025 08:20	RC/JU	Ok
2	SSTDCCC040	BF143518.D	21 Aug 2025 09:21	RC/JU	Ok
3	PB169299BL	BF143519.D	21 Aug 2025 09:50	RC/JU	Ok
4	Q2820-24	BF143520.D	21 Aug 2025 10:20	RC/JU	Ok
5	Q2820-12	BF143521.D	21 Aug 2025 10:49	RC/JU	Ok
6	Q2900-02DL	BF143522.D	21 Aug 2025 11:18	RC/JU	Dilution
7	Q2900-03DL	BF143523.D	21 Aug 2025 11:47	RC/JU	Dilution
8	Q2900-05DL	BF143524.D	21 Aug 2025 12:17	RC/JU	Dilution
9	Q2819-07	BF143525.D	21 Aug 2025 12:46	RC/JU	Ok,M
10	Q2819-08	BF143526.D	21 Aug 2025 13:15	RC/JU	Ok,M
11	Q2900-02DL2	BF143527.D	21 Aug 2025 13:44	RC/JU	Ok
12	Q2900-03DL2	BF143528.D	21 Aug 2025 14:13	RC/JU	Ok
13	Q2900-05DL2	BF143529.D	21 Aug 2025 14:42	RC/JU	Ok
14	Q2819-10RE	BF143530.D	21 Aug 2025 15:11	RC/JU	Confirms
15	Q2819-11	BF143531.D	21 Aug 2025 15:40	RC/JU	Ok,M
16	Q2819-06	BF143532.D	21 Aug 2025 16:09	RC/JU	Ok
17	Q2819-01	BF143533.D	21 Aug 2025 16:38	RC/JU	Ok,M
18	Q2814-07	BF143534.D	21 Aug 2025 17:07	RC/JU	Ok
19	Q2815-15	BF143535.D	21 Aug 2025 17:36	RC/JU	Ok
20	Q2814-19	BF143536.D	21 Aug 2025 18:05	RC/JU	Ok
21	Q2819-13	BF143537.D	21 Aug 2025 18:34	RC/JU	Ok

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 # BF082125

Review By	Rahul	Review On	8/22/2025 8:18:48 AM		
Supervise By	mohammad	Supervise On	8/22/2025 8:27:40 AM		
SubDirectory	BF082125	HP Acquire Method	BNA_F	HP Processing Method	bf082025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2819-04RE	BF143538.D	21 Aug 2025 19:03	RC/JU	Confirms
23	SSTDCCC040	BF143539.D	21 Aug 2025 19:32	RC/JU	Ok
24	DFTPP	BF143540.D	21 Aug 2025 20:02	RC/JU	Ok
25	SSTDCCC040	BF143541.D	21 Aug 2025 21:00	RC/JU	Ok
26	PB169330BL	BF143542.D	21 Aug 2025 21:58	RC/JU	Not Ok
27	PB169330BS	BF143543.D	21 Aug 2025 22:27	RC/JU	Not Ok
28	Q2903-01	BF143544.D	21 Aug 2025 22:56	RC/JU	ReRun
29	Q2903-02	BF143545.D	21 Aug 2025 23:25	RC/JU	ReRun
30	Q2903-03	BF143546.D	21 Aug 2025 23:54	RC/JU	ReRun
31	Q2903-04	BF143547.D	22 Aug 2025 00:23	RC/JU	ReRun
32	Q2903-05MS	BF143548.D	22 Aug 2025 00:52	RC/JU	Not Ok
33	Q2903-06MSD	BF143549.D	22 Aug 2025 01:21	RC/JU	Not Ok
34	Q2903-07	BF143550.D	22 Aug 2025 01:51	RC/JU	ReRun
35	Q2903-08	BF143551.D	22 Aug 2025 02:19	RC/JU	ReRun
36	Q2903-09	BF143552.D	22 Aug 2025 02:49	RC/JU	ReRun
37	Q2903-10	BF143553.D	22 Aug 2025 03:18	RC/JU	ReRun
38	Q2903-11	BF143554.D	22 Aug 2025 03:46	RC/JU	Dilution
39	Q2903-12	BF143555.D	22 Aug 2025 04:16	RC/JU	ReRun
40	Q2915-01	BF143556.D	22 Aug 2025 04:45	RC/JU	ReRun
41	Q2915-01MS	BF143557.D	22 Aug 2025 05:14	RC/JU	Not Ok
42	Q2915-01MSD	BF143558.D	22 Aug 2025 05:43	RC/JU	Not Ok
43	Q2915-03	BF143559.D	22 Aug 2025 06:11	RC/JU	ReRun
44	Q2892-04	BF143560.D	22 Aug 2025 06:40	RC/JU	ReRun

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 # BF082125

Review By	Rahul	Review On	8/22/2025 8:18:48 AM				
Supervise By	mohammad	Supervise On	8/22/2025 8:27:40 AM				
SubDirectory	BF082125	HP Acquire Method	BNA_F		HP Processing Method	bf082025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q2892-02	BF143561.D	22 Aug 2025 07:09	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 # BF082025

Review By	Rahul	Review On	8/21/2025 8:38:24 AM		
Supervise By	Jagrut	Supervise On	8/21/2025 11:02:57 AM		
SubDirectory	BF082025	HP Acquire Method	BNA_F	HP Processing Method	bf082025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143476.D	20 Aug 2025 10:26		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143477.D	20 Aug 2025 10:55		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143478.D	20 Aug 2025 11:25		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF143479.D	20 Aug 2025 11:54		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF143480.D	20 Aug 2025 12:23	compounds #32,41,54 kept on LR	RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF143481.D	20 Aug 2025 12:53	Benzidine failed in the Calibration Method.	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF143482.D	20 Aug 2025 13:22		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF143483.D	20 Aug 2025 13:51		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF143484.D	20 Aug 2025 14:20	Compound #9 revoved from 80PPM	RC/JU	Ok
10	SSTDICV040	ICVBF082025	BF143485.D	20 Aug 2025 15:16		RC/JU	Ok
11	PB169299BL	PB169299BL	BF143486.D	20 Aug 2025 15:46		RC/JU	Ok
12	PB169299BS	PB169299BS	BF143487.D	20 Aug 2025 16:15	Recovery is low for compound #3,3-Dichlorobenzidine	RC/JU	Not Ok
13	PB169313BS	PB169313BS	BF143488.D	20 Aug 2025 16:44		RC/JU	Ok,M
14	PB169313BSD	PB169313BSD	BF143489.D	20 Aug 2025 17:13		RC/JU	Ok,M
15	Q2892-12	FRONT-1-FLOOR-F	BF143490.D	20 Aug 2025 17:43		RC/JU	Ok
16	Q2892-10	3-FLOOR-SOUTH-E	BF143491.D	20 Aug 2025 18:12		RC/JU	Ok
17	Q2892-10MS	3-FLOOR-SOUTH-EMS	BF143492.D	20 Aug 2025 18:41		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 # BF082025

Review By	Rahul	Review On	8/21/2025 8:38:24 AM		
Supervise By	Jagrut	Supervise On	8/21/2025 11:02:57 AM		
SubDirectory	BF082025	HP Acquire Method	BNA_F	HP Processing Method	bf082025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2892-10MSD	3-FLOOR-SOUTH-EMS	BF143493.D	20 Aug 2025 19:10		RC/JU	Ok,M
19	Q2900-06	MW-17C-081825	BF143494.D	20 Aug 2025 19:39		RC/JU	Ok
20	Q2900-07	MW-11B-081825	BF143495.D	20 Aug 2025 20:08		RC/JU	Ok
21	Q2900-04	MW-17B-081825	BF143496.D	20 Aug 2025 20:37		RC/JU	Ok
22	DFTPP	DFTPP	BF143497.D	20 Aug 2025 21:36		RC/JU	Ok
23	SSTDCCC040	SSTDCCC040	BF143498.D	20 Aug 2025 22:05		RC/JU	Ok
24	PB169313BL	PB169313BL	BF143499.D	20 Aug 2025 22:34		RC/JU	Ok
25	PB169223BS	PB169223BS	BF143500.D	20 Aug 2025 23:03		RC/JU	Ok,M
26	PB169223BSD	PB169223BSD	BF143501.D	20 Aug 2025 23:32		RC/JU	Ok,M
27	Q2815-12	TW-22M-S	BF143502.D	21 Aug 2025 00:00		RC/JU	Ok
28	Q2900-01	MN-9C-081825	BF143503.D	21 Aug 2025 00:29		RC/JU	Ok
29	Q2819-20	82H-E	BF143504.D	21 Aug 2025 00:58		RC/JU	Ok
30	Q2819-14	17M-W	BF143505.D	21 Aug 2025 01:27		RC/JU	Ok
31	Q2819-15	17M-N	BF143506.D	21 Aug 2025 01:56		RC/JU	Ok
32	Q2819-18	38M-W	BF143507.D	21 Aug 2025 02:25		RC/JU	Ok
33	Q2819-19	38M-E	BF143508.D	21 Aug 2025 02:54		RC/JU	Ok
34	Q2892-06	BACK-1-FLOOR-CENT	BF143509.D	21 Aug 2025 03:23		RC/JU	Ok
35	Q2892-08	3-FLOOR-NORTH-D	BF143510.D	21 Aug 2025 03:52		RC/JU	Ok
36	Q2900-02	MN-12C-081825	BF143511.D	21 Aug 2025 04:21	Internal standard fail and need 20X then decide further dilution.	RC/JU	Dilution

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 # BF082025

Review By	Rahul	Review On	8/21/2025 8:38:24 AM		
Supervise By	Jagrut	Supervise On	8/21/2025 11:02:57 AM		
SubDirectory	BF082025	HP Acquire Method	BNA_F	HP Processing Method	bf082025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

37	Q2900-03	DUP-01-081825	BF143512.D	21 Aug 2025 04:49	Internal standard fail and need 20X then decide further dilution.	RC/JU	Dilution
38	Q2900-05	MW-11C-081825	BF143513.D	21 Aug 2025 05:18	Internal standard fail and need 20X then decide further dilution.	RC/JU	Dilution
39	Q2815-11	TW-22M-W	BF143514.D	21 Aug 2025 05:47		RC/JU	Ok
40	Q2815-08	TW-88H-N	BF143515.D	21 Aug 2025 06:15		RC/JU	Ok
41	SSTDCCC040	SSTDCCC040EC	BF143516.D	21 Aug 2025 06:44		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 # BF082125

Review By	Rahul	Review On	8/22/2025 8:18:48 AM		
Supervise By	mohammad	Supervise On	8/22/2025 8:27:40 AM		
SubDirectory	BF082125	HP Acquire Method	BNA_F	HP Processing Method	bf082025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143517.D	21 Aug 2025 08:20		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143518.D	21 Aug 2025 09:21		RC/JU	Ok
3	PB169299BL	PB169299BL	BF143519.D	21 Aug 2025 09:50		RC/JU	Ok
4	Q2820-24	22M-S	BF143520.D	21 Aug 2025 10:20		RC/JU	Ok
5	Q2820-12	10PC-S	BF143521.D	21 Aug 2025 10:49		RC/JU	Ok
6	Q2900-02DL	MN-12C-081825DL	BF143522.D	21 Aug 2025 11:18	Need 5X further Dilution	RC/JU	Dilution
7	Q2900-03DL	DUP-01-081825DL	BF143523.D	21 Aug 2025 11:47	Need 5X further Dilution	RC/JU	Dilution
8	Q2900-05DL	MW-11C-081825DL	BF143524.D	21 Aug 2025 12:17	Need 2X further Dilution	RC/JU	Dilution
9	Q2819-07	11M-N	BF143525.D	21 Aug 2025 12:46		RC/JU	Ok,M
10	Q2819-08	11M-E	BF143526.D	21 Aug 2025 13:15		RC/JU	Ok,M
11	Q2900-02DL2	MN-12C-081825DL2	BF143527.D	21 Aug 2025 13:44		RC/JU	Ok
12	Q2900-03DL2	DUP-01-081825DL2	BF143528.D	21 Aug 2025 14:13		RC/JU	Ok
13	Q2900-05DL2	MW-11C-081825DL2	BF143529.D	21 Aug 2025 14:42		RC/JU	Ok
14	Q2819-10RE	84SB-SRE	BF143530.D	21 Aug 2025 15:11	Surrogate Fail	RC/JU	Confirms
15	Q2819-11	84SB-W	BF143531.D	21 Aug 2025 15:40		RC/JU	Ok,M
16	Q2819-06	11M-S	BF143532.D	21 Aug 2025 16:09		RC/JU	Ok
17	Q2819-01	22BP-N	BF143533.D	21 Aug 2025 16:38		RC/JU	Ok,M
18	Q2814-07	TW-82H-W	BF143534.D	21 Aug 2025 17:07		RC/JU	Ok

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 # BF082125

Review By	Rahul	Review On	8/22/2025 8:18:48 AM		
Supervise By	mohammad	Supervise On	8/22/2025 8:27:40 AM		
SubDirectory	BF082125	HP Acquire Method	BNA_F	HP Processing Method	bf082025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2815-15	TW-17M-E	BF143535.D	21 Aug 2025 17:36		RC/JU	Ok
20	Q2814-19	TW-518R-E	BF143536.D	21 Aug 2025 18:05		RC/JU	Ok
21	Q2819-13	17M-E	BF143537.D	21 Aug 2025 18:34		RC/JU	Ok
22	Q2819-04RE	22BP-SRE	BF143538.D	21 Aug 2025 19:03	Surrogate fail.	RC/JU	Confirms
23	SSTDCCC040	SSTDCCC040EC	BF143539.D	21 Aug 2025 19:32		RC/JU	Ok
24	DFTPP	DFTPP	BF143540.D	21 Aug 2025 20:02		RC/JU	Ok
25	SSTDCCC040	SSTDCCC040	BF143541.D	21 Aug 2025 21:00	CCC fail high for compound#9,69,70,74 & CCC fail low for compound # 78,79,87,91,92.	RC/JU	Ok
26	PB169330BL	PB169330BL	BF143542.D	21 Aug 2025 21:58	CCC fail low for compound # 78,79,87,91,92.	RC/JU	Not Ok
27	PB169330BS	PB169330BS	BF143543.D	21 Aug 2025 22:27	CCC fail low for compound # 78,79,87,91,92.	RC/JU	Not Ok
28	Q2903-01	MW-6A-081925	BF143544.D	21 Aug 2025 22:56	CCC fail low for compound # 78,79,87,91,92.	RC/JU	ReRun
29	Q2903-02	MW-1C-081925	BF143545.D	21 Aug 2025 23:25	CCC fail low for compound # 78,79,87,91,92.	RC/JU	ReRun
30	Q2903-03	MW-6B-081925	BF143546.D	21 Aug 2025 23:54	CCC fail low for compound # 78,79,87,91,92.	RC/JU	ReRun
31	Q2903-04	MW-1B-081925	BF143547.D	22 Aug 2025 00:23	CCC fail low for compound # 78,79,87,91,92.	RC/JU	ReRun
32	Q2903-05MS	MW-1B-081925MS	BF143548.D	22 Aug 2025 00:52	CCC fail low for compound # 78,79,87,91,92.	RC/JU	Not Ok
33	Q2903-06MSD	MW-1B-081925MSD	BF143549.D	22 Aug 2025 01:21	CCC fail low for compound # 78,79,87,91,92.	RC/JU	Not Ok
34	Q2903-07	MW-12B-081925	BF143550.D	22 Aug 2025 01:51	CCC fail low for compound # 78,79,87,91,92.	RC/JU	ReRun

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 # BF082125

Review By	Rahul	Review On	8/22/2025 8:18:48 AM		
Supervise By	mohammad	Supervise On	8/22/2025 8:27:40 AM		
SubDirectory	BF082125	HP Acquire Method	BNA_F	HP Processing Method	bf082025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

35	Q2903-08	MW-18B-081925	BF143551.D	22 Aug 2025 02:19	CCC fail low for compound # 78,79,87,91,92.	RC/JU	ReRun
36	Q2903-09	DUP-02-081925	BF143552.D	22 Aug 2025 02:49	CCC fail low for compound # 78,79,87,91,92.	RC/JU	ReRun
37	Q2903-10	MW-17A-081925	BF143553.D	22 Aug 2025 03:18	CCC fail low for compound # 78,79,87,91,92.	RC/JU	ReRun
38	Q2903-11	MW-18A-081925	BF143554.D	22 Aug 2025 03:46	CCC fail low for compound # 78,87,91,92.Need 2X Dilution	RC/JU	Dilution
39	Q2903-12	MW-16B-081925	BF143555.D	22 Aug 2025 04:16	CCC fail low for compound # 78,79,87,91,92.	RC/JU	ReRun
40	Q2915-01	BRIDGE-WEST	BF143556.D	22 Aug 2025 04:45	CCC fail low for compound # 78,79,87,91,92.	RC/JU	ReRun
41	Q2915-01MS	BRIDGE-WESTMS	BF143557.D	22 Aug 2025 05:14	CCC fail low for compound # 78,79,87,91,92.	RC/JU	Not Ok
42	Q2915-01MSD	BRIDGE-WESTMSD	BF143558.D	22 Aug 2025 05:43	CCC fail low for compound # 78,79,87,91,92.	RC/JU	Not Ok
43	Q2915-03	BRIDGE-EAST	BF143559.D	22 Aug 2025 06:11	CCC fail low for compound # 78,79,87,91,92.	RC/JU	ReRun
44	Q2892-04	1-FLOOR-DRILL-B-BA(	BF143560.D	22 Aug 2025 06:40	CCC fail low for compound # 78,79,87,91,92.	RC/JU	ReRun
45	Q2892-02	1-FLOOR-NORTH-EAS	BF143561.D	22 Aug 2025 07:09	CCC fail low for compound # 78,79,87,91,92.	RC/JU	Not Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169313

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	08/19/2025
Matrix :	Water			**Extraction Start Time :**	09:29
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	08/19/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	14:30
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**Supervisor By :**	RUPESH

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

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

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3954
Baked Na2SO4	N/A	EP2632
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH , 1.5ML Vial Lot # 2210443. Q2863 samples Extracted out of holding time.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/19/25	RS (Ext lab)	Rc/SVOC
14:35	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169313

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

Concentration Date: 08/19/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169313BL	SBLK313	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB169313BS	SLCS313	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB169313BSD	SLCSD313	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q2683-03	DSN001	SVOCMS Group1	1000	6	RUPESH	ritesh	1			4
Q2683-07	DSN003	SVOCMS Group1	1000	6	RUPESH	ritesh	1			5
Q2900-01	MN-9C-081825	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	C		6
Q2900-02	MN-12C-081825	SVOC-TCL BNA -20	910	6	RUPESH	ritesh	1	C		7
Q2900-03	DUP-01-081825	SVOC-TCL BNA -20	930	6	RUPESH	ritesh	1	C		8
Q2900-04	MA-17B-081825	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	C		9
Q2900-05	MA-11C-081825	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	C		10
Q2900-06	MA-17C-081825	SVOC-TCL BNA -20	910	6	RUPESH	ritesh	1	C		11
Q2900-07	MA-11B-081825	SVOC-TCL BNA -20	960	6	RUPESH	ritesh	1	C		12

RS
8/19

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

16931?
9:29

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2900 **WorkList ID :** 191351 **Department :** Extraction **Date :** 08-19-2025 09:25:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2683-03	DSN001	Water	SVOCMS Group1	Cool 4 deg C	PSEG04	D31	07/23/2025	8270E
Q2683-07	DSN003	Water	SVOCMS Group1	Cool 4 deg C	PSEG04	D31	07/23/2025	8270E
Q2900-01	MN-9C-081825	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/18/2025	8270E
Q2900-02	MN-12C-081825	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/18/2025	8270E
Q2900-03	DUP-01-081825	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/18/2025	8270E
Q2900-04	MA-17B-081825	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/18/2025	8270E
Q2900-05	MA-11C-081825	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/18/2025	8270E
Q2900-06	MA-17C-081825	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/18/2025	8270E
Q2900-07	MA-11B-081825	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/18/2025	8270E

Date/Time 8/19/25 9:25
Raw Sample Received by: RS (Ext (ab))
Raw Sample Relinquished by: [signature]

Date/Time 8/19/25 10:15
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RS (Ext lab)

SHIPPING DOCUMENTS

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

ALLIANCE PROJECT NO. Q2900
QUOTE NO.
COC Number 2045005

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: (a) ~~Peter S. Cox, P.G.~~ AECOM
ADDRESS: (a) ~~A~~ 250 Apollo Drive
CITY Chelmsford STATE: MA ZIP: 01824
ATTENTION: Peter S. Cox, P.G
PHONE 1-978-764-4251 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Equity
PROJECT NO: 60676362 LOCATION: Brooklyn, NY
PROJECT MANAGER: Peter S. Cox
e-mail: pete.cox@aecom.com
PHONE: 1-978-764-4251 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 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

8270 E-SVOCS
8260D - VOCS

PRESERVATIVES

COMMENTS

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRES 1 (E)	PRES 2 (A)	PRES 3	PRES 4	PRES 5	PRES 6	PRES 7	PRES 8	PRES 9
1.	MW-9C-080825	W		X	8/18/25	0945	3	X	X							
2.	MW-12C-080825	W		X	8/18/25	1230	3	X	X							
3.	DUP-01-080825	W		X	8/18/25	1235	3	X	X							
4.	MW-17B-080825	W		X	8/18/25	1425	3	X	X							
5.	MW-11C-080825	W		X	8/18/25	1426	3	X	X							
6.	MW-17C-080825	W		X	8/18/25	1505	3	X	X							
7.	MW-11B-080825	W		X	8/18/25	1441	3	X	X							
8.	TB-080525	W		X	8/15/25	0800	2		X							
9.																
10.																

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/18/25 1525	1. 1545 8-18-25
2.		2.
3.	8-18-25 1727	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2900 AECO02
Client Name : AECOM
Client Contact : Peter S
Invoice Name : AECOM
Invoice Contact : Peter S

Order Date : 8/18/2025 4:05:40 PM
Project Name : National Grid Equity - Broc
Receive DateTime : 8/18/2025 5:27:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2900-01	MN-9C-081825	Water	08/18/2025	09:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2900-02	MN-12C-081825	Water	08/18/2025	12:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2900-03	DUP-01-081825	Water	08/18/2025	12:35					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2900-04	MW-~~MA~~-17B-081825	Water	08/18/2025	14:25					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2900-05	MW-~~MA~~-11C-081825	Water	08/18/2025	14:26					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2900-06	MW ~~MA~~-17C-081825	Water	08/18/2025	15:05					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2900-07	MW ~~MA~~-11B-081825	Water	08/18/2025	14:41					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2900-08	TB-081825	Water	08/18/2025	08:00					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2900 AECO02
Client Name : AECOM
Client Contact : Peter S
Invoice Name : AECOM
Invoice Contact : Peter S

Order Date : 8/18/2025 4:05:40 PM
Project Name : National Grid Equity - Broc
Receive DateTime : 8/18/2025 5:27:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260D	10 Bus. Days	

Stored in VOA Ref #05

Relinguished By :
Date / Time : 8/19/25 0816

Received By : [illegible] Dudock
Date / Time : 8/19/25 9:30 AM

Storage Area : **VOA Refridgerator Room**