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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	Q2936	**OrderDate:**	8/21/2025 3:57:00 PM
Client:	AECOM	**Project:**	National Grid Equity - Brooklyn NY
Contact:	Peter S	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2936-01	**MW-19A-082125**	**Water**			**08/21/25**			**08/21/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	
Q2936-02	**MW-19B-082125**	**Water**			**08/21/25**			**08/21/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/26/25	
Q2936-02DL	**MW-19B-082125DL**	**Water**			**08/21/25**			**08/21/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	
Q2936-02DL2	**MW-19B-082125DL2**	**Water**			**08/21/25**			**08/21/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	
Q2936-03	**MW-19C-082125**	**Water**			**08/21/25**			**08/21/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	
Q2936-04	**FB-02-082125**	**Water**			**08/21/25**			**08/21/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2936

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW-19A-082125									
Q2936-01	MW-19A-082125	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	7.700	AB	0	0	ug/L
			Total Tics :		**7.70**				
			Total Concentration:		**7.70**				
Client ID : MW-19B-082125									
Q2936-02	MW-19B-082125	WATER	Phenol		19.200		1	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	3+4-Methylphenols		5.000	J	1.2	11.1	ug/L
Q2936-02	MW-19B-082125	WATER	2,4-Dimethylphenol		67.500		2.1	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	Naphthalene		1,300.000	E	0.56	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	2-Methylnaphthalene		190.000	E	0.62	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	1,1-Biphenyl		21.000		0.59	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	Acenaphthene		130.000	E	0.61	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	Dibenzofuran		31.800		0.68	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	Fluorene		40.100		0.7	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	Phenanthrene		23.800		0.56	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	Carbazole		23.000		0.8	5.6	ug/L
			Total Svoc :		**1,851.40**				
Q2936-02	MW-19B-082125	WATER	1(2H)-Isoquinolinone	*	35.200	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	1-Naphthalenecarboxylic acid	*	25.600	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	1-Naphthalenol	*	34.600	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	1-Naphthalenol, 2-methyl-	*	15.300	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	2(1H)-Quinolinone, 3-methyl-	*	13.700	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Adamantane-1-carboxylic acid	*	60.500	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Azulene	*	22.200	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Benzene, 1,3-dimethyl-	*	190.000	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Benzene, 1-ethyl-2-methyl-	*	12.800	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Benzophenone	*	15.300	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Butane, 2-methoxy-2-methyl-	*	18.200	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	5,6-Dimethyl-1H-benzotriazole	*	18.100	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Indane	*	330.000	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Indane-5-carboxylic acid	*	100.000	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Naphthalene, 1,3-dimethyl-	*	23.300	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Naphthalene, 2,6-dimethyl-	*	21.600	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	1-Methylnaphthalene	*	290.000	J	0.73	5.6	ug/L
			Total Tics :		**1,226.40**				
			Total Concentration:		**3,077.80**				
Client ID : MW-19B-082125DL									

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Hit Summary Sheet
SW-846

SDG No.: Q2936

Client: AECOM

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Q2936-02DL	MW-19B-082125DL	WATER	2,4-Dimethylphenol	54.500	JD	41.1	110	ug/L
Q2936-02DL	MW-19B-082125DL	WATER	Naphthalene	4,100.000	ED	11.1	110	ug/L
Q2936-02DL	MW-19B-082125DL	WATER	2-Methylnaphthalene	200.000	D	12.4	110	ug/L
Q2936-02DL	MW-19B-082125DL	WATER	Acenaphthene	140.000	D	12.2	110	ug/L
			Total Svoc :	**4,494.50**				
			Total Concentration:	**4,494.50**				
Client ID :	**MW-19B-082125DL2**							
Q2936-02DL2	MW-19B-082125DL2	WATER	Naphthalene	4,400.000	D	55.6	560	ug/L
			Total Svoc :	**4,400.00**				
			Total Concentration:	**4,400.00**				
Client ID :	**MW-19C-082125**							
Q2936-03	MW-19C-082125	WATER	2-Pentanone, 4-hydroxy-4-methyl *	6.900	AB	0	0	ug/L
			Total Tics :	**6.90**				
			Total Concentration:	**6.90**				
Client ID :	**FB-02-082125**							
Q2936-04	FB-02-082125	WATER	Acetophenone	2.900	J	0.78	5.3	ug/L
Q2936-04	FB-02-082125	WATER	Diethylphthalate	2.600	J	0.73	5.3	ug/L
			Total Svoc :	**5.50**				
Q2936-04	FB-02-082125	WATER	2-Pentanone, 4-hydroxy-4-methyl *	5.000	AB	0	0	ug/L
Q2936-04	FB-02-082125	WATER	2-Propanol, 1-(2-butoxy-1-methyl *	6.100	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	2-Propanol, 1-(2-methoxypropoxy *	30.400	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	2-Propanol, 1-[1-methyl-2-(2-prop *	5.900	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	3-Cyclohexene-1-methanol, .alpha *	2.500	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	7,9-Di-tert-butyl-1-oxaspiro(4,5)d *	6.900	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	Phenol, 2-methoxy- *	3.400	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	Tricyclo[4.2.1.1(2,5)]dec-3-en-9-c *	2.500	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	Acetoxyacetic acid, 3-methylbut-2 *	20.100	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	Butane, 2-methoxy-2-methyl- *	84.700	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	cis-10-Nonadecenoic acid *	3.900	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	Benzyl Alcohol *	5.400	J	1.7	10.5	ug/L
			Total Tics :	**176.80**				
			Total Concentration:	**182.30**				

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2936

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169362BL	PB169362BL	2-Fluorophenol	150	125	83		23	138
		Phenol-d6	150	120	80		10	134
		Nitrobenzene-d5	100	75.8	76		67	132
		2-Fluorobiphenyl	100	73.3	73		52	132
		2,4,6-Tribromophenol	150	123	82		44	137
		Terphenyl-d14	100	70.1	70		42	152
PB169362BS	PB169362BS	2-Fluorophenol	150	116	77		23	138
		Phenol-d6	150	113	75		10	134
		Nitrobenzene-d5	100	72.1	72		67	132
		2-Fluorobiphenyl	100	70.9	71		52	132
		2,4,6-Tribromophenol	150	119	80		44	137
		Terphenyl-d14	100	75.5	75		42	152
Q2924-03MS	MW-201-082025MS	2-Fluorophenol	150	67.6	45		23	138
		Phenol-d6	150	41.4	28		10	134
		Nitrobenzene-d5	100	148	148	*	67	132
		2-Fluorobiphenyl	100	79.6	80		52	132
		2,4,6-Tribromophenol	150	138	92		44	137
		Terphenyl-d14	100	76.9	77		42	152
Q2924-04MSD	MW-201-082025MSD	2-Fluorophenol	150	67.4	45		23	138
		Phenol-d6	150	41.4	28		10	134
		Nitrobenzene-d5	100	149	149	*	67	132
		2-Fluorobiphenyl	100	78.1	78		52	132
		2,4,6-Tribromophenol	150	135	90		44	137
		Terphenyl-d14	100	76.2	76		42	152
Q2936-01	MW-19A-082125	2-Fluorophenol	150	70.2	47		23	138
		Phenol-d6	150	46.8	31		10	134
		Nitrobenzene-d5	100	109	109		67	132
		2-Fluorobiphenyl	100	90.1	90		52	132
		2,4,6-Tribromophenol	150	147	98		44	137
		Terphenyl-d14	100	96.0	96		42	152
Q2936-02	MW-19B-082125	2-Fluorophenol	150	68.7	46		23	138
		Phenol-d6	150	44.5	30		10	134
		Nitrobenzene-d5	100	84.1	84		67	132
		2-Fluorobiphenyl	100	74.0	74		52	132
		2,4,6-Tribromophenol	150	134	89		44	137
		Terphenyl-d14	100	76.1	76		42	152
Q2936-02DL	MW-19B-082125DL	2-Fluorophenol	150	68.0	45		23	138
		Phenol-d6	150	39.2	26		10	134
		Nitrobenzene-d5	100	70.9	71		67	132
		2-Fluorobiphenyl	100	78.3	78		52	132
		2,4,6-Tribromophenol	150	127	85		44	137
		Terphenyl-d14	100	81.5	81		42	152
Q2936-02DL2	MW-19B-082125DL2	2-Fluorophenol	150	61.6	41		23	138
		Phenol-d6	150	33.7	22		10	134
		Nitrobenzene-d5	100	63.8	64	*	67	132
		2-Fluorobiphenyl	100	72.1	72		52	132
		2,4,6-Tribromophenol	150	97.7	65		44	137
		Terphenyl-d14	100	75.7	76		42	152
Q2936-03	MW-19C-082125	2-Fluorophenol	150	69.8	47		23	138
		Phenol-d6	150	46.2	31		10	134
		Nitrobenzene-d5	100	112	112		67	132

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Surrogate Summary

SW-846

SDG No.: Q2936

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2936-03	MW-19C-082125	2-Fluorobiphenyl	100	93.2	93		52	132
		2,4,6-Tribromophenol	150	151	101		44	137
		Terphenyl-d14	100	92.5	93		42	152
Q2936-04	FB-02-082125	2-Fluorophenol	150	62.6	42		23	138
		Phenol-d6	150	39.1	26		10	134
		Nitrobenzene-d5	100	82.3	82		67	132
		2-Fluorobiphenyl	100	76.1	76		52	132
		2,4,6-Tribromophenol	150	138	92		44	137
		Terphenyl-d14	100	80.8	81		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2936 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BP025602.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2924-03MS		**Client Sample ID: MW-201-082025MS**									
Benzaldehyde	51.5	0	38.4	ug/L	75				10	137	
Phenol	51.5	0	16.0	ug/L	31				10	130	
bis(2-Chloroethyl)ether	51.5	0	44.3	ug/L	86				29	141	
2-Chlorophenol	51.5	0	39.6	ug/L	77				23	127	
2-Methylphenol	51.5	0	33.8	ug/L	66				60	131	
2,2-oxybis(1-Chloropropane)	51.5	0	17.1	ug/L	33	*			36	141	
Acetophenone	51.5	0	87.5	ug/L	170	*			31	164	
3+4-Methylphenols	51.5	10.0	40.9	ug/L	60				54	136	
N-Nitroso-di-n-propylamine	51.5	0	42.2	ug/L	82				36	147	
Hexachloroethane	51.5	0	93.2	ug/L	181	*			19	146	
Nitrobenzene	51.5	0	85.8	ug/L	167	*			62	112	
Isophorone	51.5	0	81.7	ug/L	159	*			39	146	
2-Nitrophenol	51.5	0	86.6	ug/L	168	*			30	148	
2,4-Dimethylphenol	51.5	0	75.6	ug/L	147	*			17	143	
bis(2-Chloroethoxy)methane	51.5	0	70.3	ug/L	137				39	143	
2,4-Dichlorophenol	51.5	0	80.6	ug/L	157	*			22	146	
Naphthalene	51.5	3100	2700	ug/L	-777	*			17	157	
4-Chloroaniline	51.5	0	28.5	ug/L	55				10	95	
Hexachlorobutadiene	51.5	0	71.5	ug/L	139	*			52	125	
Caprolactam	51.5	0	16.7	ug/L	32				10	130	
4-Chloro-3-methylphenol	51.5	0	76.5	ug/L	149	*			17	148	
2-Methylnaphthalene	51.5	920	800	ug/L	-233	*			38	146	
Hexachlorocyclopentadiene	100	0	79.7	ug/L	80				20	153	
2,4,6-Trichlorophenol	51.5	0	50.2	ug/L	97				78	112	
2,4,5-Trichlorophenol	51.5	0	49.4	ug/L	96				71	111	
1,1-Biphenyl	51.5	26.0	69.6	ug/L	85				38	154	
2-Chloronaphthalene	51.5	0	48.9	ug/L	95				41	145	
2-Nitroaniline	51.5	0	54.1	ug/L	105				39	151	
Dimethylphthalate	51.5	0	48.7	ug/L	95				42	147	
Acenaphthylene	51.5	160	190	ug/L	58				40	141	
2,6-Dinitrotoluene	51.5	0	51.4	ug/L	100				43	148	
3-Nitroaniline	51.5	0	31.7	ug/L	62				10	111	
Acenaphthene	51.5	8.70	54.7	ug/L	89				37	146	
2,4-Dinitrophenol	100	0	120	ug/L	120				14	167	
4-Nitrophenol	100	0	42.0	ug/L	42				10	130	
Dibenzofuran	51.5	4.00	51.3	ug/L	92				41	145	
2,4-Dinitrotoluene	51.5	0	53.3	ug/L	103				74	137	
Diethylphthalate	51.5	2.10	50.3	ug/L	94				41	148	
4-Chlorophenyl-phenylether	51.5	0	48.5	ug/L	94				38	149	
Fluorene	51.5	27.4	67.1	ug/L	77				39	144	
4-Nitroaniline	51.5	0	48.5	ug/L	94				27	138	
4,6-Dinitro-2-methylphenol	51.5	0	55.1	ug/L	107				32	175	
N-Nitrosodiphenylamine	51.5	0	51.1	ug/L	99				40	150	
4-Bromophenyl-phenylether	51.5	0	51.5	ug/L	100				42	151	
Hexachlorobenzene	51.5	0	52.5	ug/L	102				72	115	
Atrazine	51.5	0	47.8	ug/L	93				20	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2936 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BP025602.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	100	0	110	ug/L	110				52	162	
Phenanthrene	51.5	29.6	65.4	ug/L	70				40	147	
Anthracene	51.5	6.10	53.4	ug/L	92				41	146	
Carbazole	51.5	13.8	61.7	ug/L	93				37	154	
Di-n-butylphthalate	51.5	2.70	51.3	ug/L	94				40	151	
Fluoranthene	51.5	2.30	51.0	ug/L	95				42	146	
Pyrene	51.5	3.00	50.5	ug/L	92				41	149	
Butylbenzylphthalate	51.5	0	51.2	ug/L	99				39	155	
3,3-Dichlorobenzidine	51.5	0	41.5	ug/L	81				10	114	
Benzo(a)anthracene	51.5	0	49.5	ug/L	96				41	147	
Chrysene	51.5	0	50.0	ug/L	97				44	144	
bis(2-Ethylhexyl)phthalate	51.5	0	48.4	ug/L	94				33	160	
Di-n-octyl phthalate	51.5	0	51.0	ug/L	99				36	158	
Benzo(b)fluoranthene	51.5	0	50.0	ug/L	97				40	150	
Benzo(k)fluoranthene	51.5	0	49.1	ug/L	95				40	147	
Benzo(a)pyrene	51.5	0	49.3	ug/L	96				42	147	
Indeno(1,2,3-cd)pyrene	51.5	0	50.1	ug/L	97				30	166	
Dibenz(a,h)anthracene	51.5	0	51.0	ug/L	99				23	172	
Benzo(g,h,i)perylene	51.5	0	50.2	ug/L	97				27	167	
1,2,4,5-Tetrachlorobenzene	51.5	0	50.1	ug/L	97				89	102	
1,4-Dioxane	51.5	0	21.2	ug/L	41				38	130	
2,3,4,6-Tetrachlorophenol	51.5	0	51.1	ug/L	99				91	111	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2936 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BP025603.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2924-04MSD		**Client Sample ID: MW-201-082025MSD**									
Benzaldehyde	52.6	0	37.7	ug/L	72		4		10	137	20
Phenol	52.6	0	16.4	ug/L	31		0		10	130	20
bis(2-Chloroethyl)ether	52.6	0	44.2	ug/L	84		2		29	141	20
2-Chlorophenol	52.6	0	39.6	ug/L	75		3		23	127	20
2-Methylphenol	52.6	0	34.5	ug/L	66		0		60	131	20
2,2-oxybis(1-Chloropropane)	52.6	0	18.4	ug/L	35	*	6		36	141	20
Acetophenone	52.6	0	90.6	ug/L	172	*	1		31	164	20
3+4-Methylphenols	52.6	10.0	41.7	ug/L	60		0		54	136	20
N-Nitroso-di-n-propylamine	52.6	0	43.2	ug/L	82		0		36	147	20
Hexachloroethane	52.6	0	96.9	ug/L	184	*	2		19	146	20
Nitrobenzene	52.6	0	89.1	ug/L	169	*	1		62	112	20
Isophorone	52.6	0	85.0	ug/L	162	*	2		39	146	20
2-Nitrophenol	52.6	0	90.4	ug/L	172	*	2		30	148	20
2,4-Dimethylphenol	52.6	0	78.4	ug/L	149	*	1		17	143	20
bis(2-Chloroethoxy)methane	52.6	0	75.2	ug/L	143		4		39	143	20
2,4-Dichlorophenol	52.6	0	85.1	ug/L	162	*	3		22	146	20
Naphthalene	52.6	3100	3000	ug/L	-190	*	121	*	17	157	20
4-Chloroaniline	52.6	0	31.3	ug/L	60		9		10	95	20
Hexachlorobutadiene	52.6	0	74.8	ug/L	142	*	2		52	125	20
Caprolactam	52.6	0	17.0	ug/L	32		0		10	130	20
4-Chloro-3-methylphenol	52.6	0	79.4	ug/L	151	*	1		17	148	20
2-Methylnaphthalene	52.6	920	850	ug/L	-133	*	55	*	38	146	20
Hexachlorocyclopentadiene	110	0	76.9	ug/L	70		13		20	153	20
2,4,6-Trichlorophenol	52.6	0	50.2	ug/L	95		2		78	112	20
2,4,5-Trichlorophenol	52.6	0	49.9	ug/L	95		1		71	111	20
1,1-Biphenyl	52.6	26.0	70.0	ug/L	84		1		38	154	20
2-Chloronaphthalene	52.6	0	48.9	ug/L	93		2		41	145	20
2-Nitroaniline	52.6	0	53.9	ug/L	102		3		39	151	20
Dimethylphthalate	52.6	0	47.8	ug/L	91		4		42	147	20
Acenaphthylene	52.6	160	190	ug/L	57		2		40	141	20
2,6-Dinitrotoluene	52.6	0	51.3	ug/L	98		2		43	148	20
3-Nitroaniline	52.6	0	32.4	ug/L	62		0		10	111	20
Acenaphthene	52.6	8.70	53.5	ug/L	85		5		37	146	20
2,4-Dinitrophenol	110	0	120	ug/L	109		10		14	167	20
4-Nitrophenol	110	0	42.7	ug/L	39		7		10	130	20
Dibenzofuran	52.6	4.00	51.2	ug/L	90		2		41	145	20
2,4-Dinitrotoluene	52.6	0	52.5	ug/L	100		3		74	137	20
Diethylphthalate	52.6	2.10	48.9	ug/L	89		5		41	148	20
4-Chlorophenyl-phenylether	52.6	0	48.5	ug/L	92		2		38	149	20
Fluorene	52.6	27.4	68.0	ug/L	77		0		39	144	20
4-Nitroaniline	52.6	0	49.4	ug/L	94		0		27	138	20
4,6-Dinitro-2-methylphenol	52.6	0	55.7	ug/L	106		1		32	175	20
N-Nitrosodiphenylamine	52.6	0	50.5	ug/L	96		3		40	150	20
4-Bromophenyl-phenylether	52.6	0	52.0	ug/L	99		1		42	151	20
Hexachlorobenzene	52.6	0	52.3	ug/L	99		3		72	115	20
Atrazine	52.6	0	48.5	ug/L	92		1		20	162	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2936 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BP025603.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	110	0	110	ug/L	100		10		52	162	20
Phenanthrene	52.6	29.6	67.2	ug/L	71		1		40	147	20
Anthracene	52.6	6.10	53.2	ug/L	90		2		41	146	20
Carbazole	52.6	13.8	63.5	ug/L	94		1		37	154	20
Di-n-butylphthalate	52.6	2.70	52.6	ug/L	95		1		40	151	20
Fluoranthene	52.6	2.30	51.6	ug/L	94		1		42	146	20
Pyrene	52.6	3.00	50.1	ug/L	90		2		41	149	20
Butylbenzylphthalate	52.6	0	52.0	ug/L	99		0		39	155	20
3,3-Dichlorobenzidine	52.6	0	43.4	ug/L	83		2		10	114	20
Benzo(a)anthracene	52.6	0	49.9	ug/L	95		1		41	147	20
Chrysene	52.6	0	51.2	ug/L	97		0		44	144	20
bis(2-Ethylhexyl)phthalate	52.6	0	49.7	ug/L	94		0		33	160	20
Di-n-octyl phthalate	52.6	0	52.0	ug/L	99		0		36	158	20
Benzo(b)fluoranthene	52.6	0	50.4	ug/L	96		1		40	150	20
Benzo(k)fluoranthene	52.6	0	49.6	ug/L	94		1		40	147	20
Benzo(a)pyrene	52.6	0	49.8	ug/L	95		1		42	147	20
Indeno(1,2,3-cd)pyrene	52.6	0	50.9	ug/L	97		0		30	166	20
Dibenz(a,h)anthracene	52.6	0	51.6	ug/L	98		1		23	172	20
Benzo(g,h,i)perylene	52.6	0	50.6	ug/L	96		1		27	167	20
1,2,4,5-Tetrachlorobenzene	52.6	0	49.8	ug/L	95		2		89	102	20
1,4-Dioxane	52.6	0	21.8	ug/L	41		0		38	130	20
2,3,4,6-Tetrachlorophenol	52.6	0	50.6	ug/L	96		3		91	111	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2936 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BP025581.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169362BS	Benzaldehyde	50	22.9	ug/L	46				10	162	
	Phenol	50	41.7	ug/L	83				66	118	
	bis(2-Chloroethyl)ether	50	40.1	ug/L	80				62	103	
	2-Chlorophenol	50	41.6	ug/L	83				70	117	
	2-Methylphenol	50	41.0	ug/L	82				69	109	
	2,2-oxybis(1-Chloropropane)	50	39.7	ug/L	79				65	100	
	Acetophenone	50	39.8	ug/L	80				60	104	
	3+4-Methylphenols	50	39.8	ug/L	80				67	106	
	N-Nitroso-di-n-propylamine	50	36.5	ug/L	73				57	107	
	Hexachloroethane	50	40.3	ug/L	81				76	118	
	Nitrobenzene	50	41.1	ug/L	82				58	106	
	Isophorone	50	39.2	ug/L	78				61	102	
	2-Nitrophenol	50	42.7	ug/L	85				70	115	
	2,4-Dimethylphenol	50	42.3	ug/L	85				42	142	
	bis(2-Chloroethoxy)methane	50	40.1	ug/L	80				58	109	
	2,4-Dichlorophenol	50	43.3	ug/L	87				66	115	
	Naphthalene	50	39.7	ug/L	79				64	107	
	4-Chloroaniline	50	23.9	ug/L	48				10	85	
	Hexachlorobutadiene	50	40.8	ug/L	82				69	101	
	Caprolactam	50	39.6	ug/L	79				58	128	
	4-Chloro-3-methylphenol	50	42.3	ug/L	85				65	114	
	2-Methylnaphthalene	50	39.4	ug/L	79				64	107	
	Hexachlorocyclopentadiene	100	81.0	ug/L	81				36	160	
	2,4,6-Trichlorophenol	50	44.1	ug/L	88				61	110	
	2,4,5-Trichlorophenol	50	44.6	ug/L	89				70	106	
	1,1-Biphenyl	50	41.8	ug/L	84				72	98	
	2-Chloronaphthalene	50	40.9	ug/L	82				59	106	
	2-Nitroaniline	50	44.0	ug/L	88				73	114	
	Dimethylphthalate	50	41.0	ug/L	82				64	103	
	Acenaphthylene	50	40.9	ug/L	82				79	103	
	2,6-Dinitrotoluene	50	43.4	ug/L	87				64	110	
	3-Nitroaniline	50	31.2	ug/L	62				28	100	
	Acenaphthene	50	39.5	ug/L	79				59	113	
	2,4-Dinitrophenol	100	100	ug/L	100				36	166	
	4-Nitrophenol	100	82.1	ug/L	82				45	147	
	Dibenzofuran	50	40.2	ug/L	80				65	106	
	2,4-Dinitrotoluene	50	43.7	ug/L	87				60	115	
	Diethylphthalate	50	41.5	ug/L	83				63	105	
	4-Chlorophenyl-phenylether	50	40.1	ug/L	80				61	104	
	Fluorene	50	40.2	ug/L	80				64	107	
	4-Nitroaniline	50	41.1	ug/L	82				55	125	
	4,6-Dinitro-2-methylphenol	50	46.7	ug/L	93				62	132	
	N-Nitrosodiphenylamine	50	42.8	ug/L	86				61	109	
	4-Bromophenyl-phenylether	50	42.2	ug/L	84				73	103	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2936 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BP025581.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169362BS	Hexachlorobenzene	50	42.0	ug/L	84				73	106	
	Atrazine	50	41.7	ug/L	83				76	120	
	Pentachlorophenol	100	86.9	ug/L	87				47	114	
	Phenanthrene	50	40.9	ug/L	82				62	109	
	Anthracene	50	41.4	ug/L	83				65	110	
	Carbazole	50	40.8	ug/L	82				62	106	
	Di-n-butylphthalate	50	41.6	ug/L	83				64	106	
	Fluoranthene	50	40.0	ug/L	80				64	110	
	Pyrene	50	43.4	ug/L	87				71	103	
	Butylbenzylphthalate	50	44.3	ug/L	89				61	105	
	3,3-Dichlorobenzidine	50	31.9	ug/L	64				43	108	
	Benzo(a)anthracene	50	42.2	ug/L	84				62	107	
	Chrysene	50	41.7	ug/L	83				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.7	ug/L	85				59	110	
	Di-n-octyl phthalate	50	43.7	ug/L	87				52	139	
	Benzo(b)fluoranthene	50	41.7	ug/L	83				77	113	
	Benzo(k)fluoranthene	50	41.8	ug/L	84				77	105	
	Benzo(a)pyrene	50	41.6	ug/L	83				72	131	
	Indeno(1,2,3-cd)pyrene	50	41.4	ug/L	83				72	105	
	Dibenz(a,h)anthracene	50	41.8	ug/L	84				78	115	
	Benzo(g,h,i)perylene	50	41.4	ug/L	83				75	118	
	1,2,4,5-Tetrachlorobenzene	50	42.0	ug/L	84				72	101	
	1,4-Dioxane	50	34.9	ug/L	70				38	125	
	2,3,4,6-Tetrachlorophenol	50	43.0	ug/L	86				63	116	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169362BL

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2936

Lab File ID: BP025562.D | Lab Sample ID: PB169362BL

Instrument ID: BNA_P | Date Extracted: 08/22/2025

Matrix: (soil/water) Water | Date Analyzed: 08/25/2025

Level: (low/med) LOW | Time Analyzed: 12:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169362BS	PB169362BS	BP025581.D	08/26/2025
MW-19B-082125	Q2936-02	BP025591.D	08/26/2025
MW-201-082025MS	Q2924-03MS	BP025602.D	08/27/2025
MW-201-082025MSD	Q2924-04MSD	BP025603.D	08/27/2025
MW-19A-082125	Q2936-01	BF143604.D	08/27/2025
MW-19C-082125	Q2936-03	BF143602.D	08/27/2025
FB-02-082125	Q2936-04	BP025551.D	08/22/2025

COMMENTS:

Raw Data: **BF143584.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2936

Lab File ID: BF143584.D DFTPP Injection Date: 08/26/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (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	6.7
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	87.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16.5 (17.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143585.D	08/26/2025	09:11
SSTDICC005	SSTDICC005	BF143586.D	08/26/2025	09:39
SSTDICC010	SSTDICC010	BF143587.D	08/26/2025	10:08
SSTDICC020	SSTDICC020	BF143588.D	08/26/2025	10:37
SSTDICCC040	SSTDICCC040	BF143589.D	08/26/2025	11:06
SSTDICC050	SSTDICC050	BF143590.D	08/26/2025	11:35
SSTDICC060	SSTDICC060	BF143591.D	08/26/2025	12:03
SSTDICC080	SSTDICC080	BF143592.D	08/26/2025	12:32

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2936

Lab File ID: BF143595.D DFTPP Injection Date: 08/27/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 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	6.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	83.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143596.D	08/27/2025	09:16
MW-19C-082125	Q2936-03	BF143602.D	08/27/2025	12:22
MW-19A-082125	Q2936-01	BF143604.D	08/27/2025	13:21

Raw Data: **BP025390.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2936

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

Instrument ID: BNA_P DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	81.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

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

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: AECO02

Lab Code: ACE — SDG NO.: Q2936

Lab File ID: BP025543.D — DFTPP Injection Date: 08/22/2025

Instrument ID: BNA_P — DFTPP Injection Time: 10:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	78.6
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	BP025544.D	08/22/2025	10:49
FB-02-082125	Q2936-04	BP025551.D	08/22/2025	16:17

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: AECO02

Lab Code: ACE — SDG NO.: Q2936

Lab File ID: BP025560.D — DFTPP Injection Date: 08/25/2025

Instrument ID: BNA_P — DFTPP Injection Time: 10:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.3) 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	6.6
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	80.8
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
SSTDCCC040	SSTDCCC040	BP025561.D	08/25/2025	12:13
PB169362BL	PB169362BL	BP025562.D	08/25/2025	12:54

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: AECO02

Lab Code: ACE — SDG NO.: Q2936

Lab File ID: BP025578.D — DFTPP Injection Date: 08/26/2025

Instrument ID: BNA_P — DFTPP Injection Time: 08:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	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	6.8
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	78.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025579.D	08/26/2025	10:21
PB169362BS	PB169362BS	BP025581.D	08/26/2025	11:44
MW-19B-082125	Q2936-02	BP025591.D	08/26/2025	18:41

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: AECO02

Lab Code: ACE — SDG NO.: Q2936

Lab File ID: BP025595.D — DFTPP Injection Date: 08/27/2025

Instrument ID: BNA_P — DFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	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	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	79.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025596.D	08/27/2025	09:39
MW-201-082025MS	Q2924-03MS	BP025602.D	08/27/2025	14:18
MW-201-082025MSD	Q2924-04MSD	BP025603.D	08/27/2025	15:00
MW-19B-082125DL	Q2936-02DL	BP025604.D	08/27/2025	15:41
MW-19B-082125DL2	Q2936-02DL2	BP025605.D	08/27/2025	16:22

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2936

Client ID : SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BF143596.D Time Analyzed: 09:16

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	115923	6.893	446099	8.18	249607	9.93
	UPPER LIMIT	231846	7.393	892198	8.675	499214	10.428
	LOWER LIMIT	57961.5	6.393	223050	7.675	124804	9.428
	EPA SAMPLE NO.						
01	MW-19A-082125	107569	6.89	412157	8.17	224876	9.92
02	MW-19C-082125	111346	6.89	415970	8.17	225098	9.92

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2936

Client ID: SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BF143596.D Time Analyzed: 09:16

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	402587	11.416	235836	14.051	227679	15.521
	UPPER LIMIT	805174	11.916	471672	14.551	455358	16.021
	LOWER LIMIT	201294	10.916	117918	13.551	113840	15.021
	EPA SAMPLE NO.						
01	MW-19A-082125	331918	11.41	178027	14.05	217699	15.52
02	MW-19C-082125	332669	11.41	188945	14.05	218770	15.52

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2936

Client ID : SSTDCCC040 Date Analyzed: 08/22/2025

Lab File ID: BP025544.D Time Analyzed: 10:49

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	137158	7.778	591885	10.55	400784	14.39
	UPPER LIMIT	274316	8.278	1183770	11.048	801568	14.889
	LOWER LIMIT	68579	7.278	295943	10.048	200392	13.889
	EPA SAMPLE NO.						
01	FB-02-082125	170389	7.78	707219	10.54	478193	14.40

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2936

Client ID: SSTDCCC040 Date Analyzed: 08/22/2025

Lab File ID: BP025544.D Time Analyzed: 10:49

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	833863	17.189	897419	21.624	1034530	24.989
	UPPER LIMIT	1667730	17.689	1794840	22.124	2069060	25.489
	LOWER LIMIT	416932	16.689	448710	21.124	517265	24.489
	EPA SAMPLE NO.						
01	FB-02-082125	1003190	17.19	1028640	21.63	1166720	25.01

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2936

Client ID : SSTDCCC040 Date Analyzed: 08/25/2025

Lab File ID: BP025561.D Time Analyzed: 12:13

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	176050	7.766	715069	10.54	441846	14.39
	UPPER LIMIT	352100	8.266	1430140	11.037	883692	14.89
	LOWER LIMIT	88025	7.266	357535	10.037	220923	13.89
	EPA SAMPLE NO.						
01	PB169362BL	173347	7.78	665603	10.54	424932	14.39

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2936

Client ID: SSTDCCC040 Date Analyzed: 08/25/2025

Lab File ID: BP025561.D Time Analyzed: 12:13

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	900532	17.189	945335	21.63	1072630	25.001
	UPPER LIMIT	1801060	17.689	1890670	22.13	2145260	25.501
	LOWER LIMIT	450266	16.689	472668	21.13	536315	24.501
	EPA SAMPLE NO.						
01	PB169362BL	890876	17.19	1139400	21.63	1287990	25.00

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2936

Client ID : SSTDCCC040 Date Analyzed: 08/26/2025

Lab File ID: BP025579.D Time Analyzed: 10:21

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	235051	7.778	932609	10.55	572065	14.39
	UPPER LIMIT	470102	8.278	1865220	11.049	1144130	14.89
	LOWER LIMIT	117526	7.278	466305	10.049	286033	13.89
	EPA SAMPLE NO.						
01	PB169362BS	256194	7.78	1004580	10.55	636349	14.41
02	MW-19B-082125	193167	7.78	711886	10.57	504940	14.40

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2936

Client ID: SSTDCCC040 Date Analyzed: 08/26/2025

Lab File ID: BP025579.D Time Analyzed: 10:21

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1130980	17.195	1110360	21.636	1292920	24.995
	UPPER LIMIT	2261960	17.695	2220720	22.136	2585840	25.495
	LOWER LIMIT	565490	16.695	555180	21.136	646460	24.495
	EPA SAMPLE NO.						
01	PB169362BS	1239650	17.20	1177570	21.63	1318340	24.99
02	MW-19B-082125	978534	17.20	1047860	21.64	1242890	25.02

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2936

Client ID : SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BP025596.D Time Analyzed: 09:39

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	161611	7.778	681785	10.54	463868	14.40
	UPPER LIMIT	323222	8.278	1363570	11.043	927736	14.896
	LOWER LIMIT	80805.5	7.278	340893	10.043	231934	13.896
	EPA SAMPLE NO.						
01	MW-19B-082125DL2	149853	7.78	592770	10.54	367926	14.40
02	MW-201-082025MS	177033	7.78	389081	10.57	432672	14.39
03	MW-201-082025MSD	165573	7.78	358938	10.57	417829	14.40
04	MW-19B-082125DL	151725	7.77	613134	10.54	392479	14.39

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2936

Client ID: SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BP025596.D Time Analyzed: 09:39

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	978179	17.207	1036720	21.642	1177640	25.001
	UPPER LIMIT	1956360	17.707	2073440	22.142	2355280	25.501
	LOWER LIMIT	489090	16.707	518360	21.142	588820	24.501
	EPA SAMPLE NO.						
01	MW-19B-082125DL2	753908	17.20	896138	21.64	1046660	25.01
02	MW-201-082025MS	850262	17.19	903685	21.64	1056320	25.00
03	MW-201-082025MSD	814298	17.20	887974	21.64	1057490	25.01
04	MW-19B-082125DL	797526	17.19	898906	21.64	1044770	25.02

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

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

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

SAMPLE DATA

Raw Data: **BF143604.D**

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19A-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	850 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
BF143604.D	1	08/22/25 10:34	08/27/25 13:21	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	11.8	U	4.60	11.8	ug/L
108-95-2	Phenol	5.90	U	1.10	5.90	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.90	U	0.95	5.90	ug/L
95-57-8	2-Chlorophenol	5.90	U	0.68	5.90	ug/L
95-48-7	2-Methylphenol	5.90	U	1.30	5.90	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.90	U	1.50	5.90	ug/L
98-86-2	Acetophenone	5.90	U	0.87	5.90	ug/L
65794-96-9	3+4-Methylphenols	11.8	U	1.30	11.8	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.90	U	1.70	2.90	ug/L
67-72-1	Hexachloroethane	5.90	U	0.76	5.90	ug/L
98-95-3	Nitrobenzene	5.90	U	0.89	5.90	ug/L
78-59-1	Isophorone	5.90	U	0.88	5.90	ug/L
88-75-5	2-Nitrophenol	5.90	U	2.10	5.90	ug/L
105-67-9	2,4-Dimethylphenol	5.90	U	2.20	5.90	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.90	U	0.80	5.90	ug/L
120-83-2	2,4-Dichlorophenol	5.90	U	0.61	5.90	ug/L
91-20-3	Naphthalene	5.90	U	0.59	5.90	ug/L
106-47-8	4-Chloroaniline	5.90	U	0.99	5.90	ug/L
87-68-3	Hexachlorobutadiene	5.90	U	0.64	5.90	ug/L
105-60-2	Caprolactam	11.8	U	1.30	11.8	ug/L
59-50-7	4-Chloro-3-methylphenol	5.90	U	0.69	5.90	ug/L
91-57-6	2-Methylnaphthalene	5.90	U	0.66	5.90	ug/L
77-47-4	Hexachlorocyclopentadiene	11.8	U	4.30	11.8	ug/L
88-06-2	2,4,6-Trichlorophenol	5.90	U	0.60	5.90	ug/L
95-95-4	2,4,5-Trichlorophenol	5.90	U	0.73	5.90	ug/L
92-52-4	1,1-Biphenyl	5.90	U	0.62	5.90	ug/L
91-58-7	2-Chloronaphthalene	5.90	U	0.72	5.90	ug/L
88-74-4	2-Nitroaniline	5.90	U	1.50	5.90	ug/L
131-11-3	Dimethylphthalate	5.90	U	0.72	5.90	ug/L

Raw Data: **BF143604.D**

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19A-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	850 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
BF143604.D	1	08/22/25 10:34	08/27/25 13:21	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.90	U	0.88	5.90	ug/L
606-20-2	2,6-Dinitrotoluene	5.90	U	1.10	5.90	ug/L
99-09-2	3-Nitroaniline	5.90	U	1.20	5.90	ug/L
83-32-9	Acenaphthene	5.90	U	0.65	5.90	ug/L
51-28-5	2,4-Dinitrophenol	11.8	U	7.00	11.8	ug/L
100-02-7	4-Nitrophenol	11.8	U	2.80	11.8	ug/L
132-64-9	Dibenzofuran	5.90	U	0.72	5.90	ug/L
121-14-2	2,4-Dinitrotoluene	5.90	U	1.40	5.90	ug/L
84-66-2	Diethylphthalate	5.90	U	0.81	5.90	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.90	U	0.80	5.90	ug/L
86-73-7	Fluorene	5.90	U	0.74	5.90	ug/L
100-01-6	4-Nitroaniline	5.90	U	1.80	5.90	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.8	U	3.40	11.8	ug/L
86-30-6	n-Nitrosodiphenylamine	5.90	U	0.68	5.90	ug/L
101-55-3	4-Bromophenyl-phenylether	5.90	U	0.47	5.90	ug/L
118-74-1	Hexachlorobenzene	5.90	U	0.61	5.90	ug/L
1912-24-9	Atrazine	5.90	U	1.20	5.90	ug/L
87-86-5	Pentachlorophenol	11.8	U	1.90	11.8	ug/L
85-01-8	Phenanthrene	5.90	U	0.59	5.90	ug/L
120-12-7	Anthracene	5.90	U	0.72	5.90	ug/L
86-74-8	Carbazole	5.90	U	0.85	5.90	ug/L
84-74-2	Di-n-butylphthalate	5.90	U	1.40	5.90	ug/L
206-44-0	Fluoranthene	5.90	U	0.96	5.90	ug/L
129-00-0	Pyrene	5.90	U	0.59	5.90	ug/L
85-68-7	Butylbenzylphthalate	5.90	U	2.30	5.90	ug/L
91-94-1	3,3-Dichlorobenzidine	11.8	U	1.10	11.8	ug/L
56-55-3	Benzo(a)anthracene	5.90	U	0.53	5.90	ug/L
218-01-9	Chrysene	5.90	U	0.52	5.90	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.90	U	1.90	5.90	ug/L
117-84-0	Di-n-octyl phthalate	11.8	U	2.80	11.8	ug/L
205-99-2	Benzo(b)fluoranthene	5.90	U	0.58	5.90	ug/L

Raw Data: **BF143604.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19A-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	850 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
BF143604.D	1	08/22/25 10:34	08/27/25 13:21	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.90	U	0.56	5.90	ug/L
50-32-8	Benzo(a)pyrene	5.90	U	0.65	5.90	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.90	U	0.69	5.90	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.90	U	0.79	5.90	ug/L
191-24-2	Benzo(g,h,i)perylene	5.90	U	0.81	5.90	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.90	U	0.61	5.90	ug/L
123-91-1	1,4-Dioxane	5.90	U	1.20	5.90	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.90	U	0.85	5.90	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	70.2		23 - 138	47%	SPK: 150
13127-88-3	Phenol-d6	46.8		10 - 134	31%	SPK: 150
4165-60-0	Nitrobenzene-d5	109		67 - 132	109%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.1		52 - 132	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	147		44 - 137	98%	SPK: 150
1718-51-0	Terphenyl-d14	96.0		42 - 152	96%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	108000	6.893			
1146-65-2	Naphthalene-d8	412000	8.169			
15067-26-2	Acenaphthene-d10	225000	9.922			
1517-22-2	Phenanthrene-d10	332000	11.41			
1719-03-5	Chrysene-d12	178000	14.045			
1520-96-3	Perylene-d12	218000	15.521			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.70	AB		5.11	ug/L

Raw Data: **BF143604.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19A-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	850 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
BF143604.D	1	08/22/25 10:34	08/27/25 13:21	PB169362

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: **BF143604.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143604.D
Acq On : 27 Aug 2025 13:21
Operator : RC/JU
Sample : Q2936-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-19A-082125

Quant Time: Aug 27 13:47:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

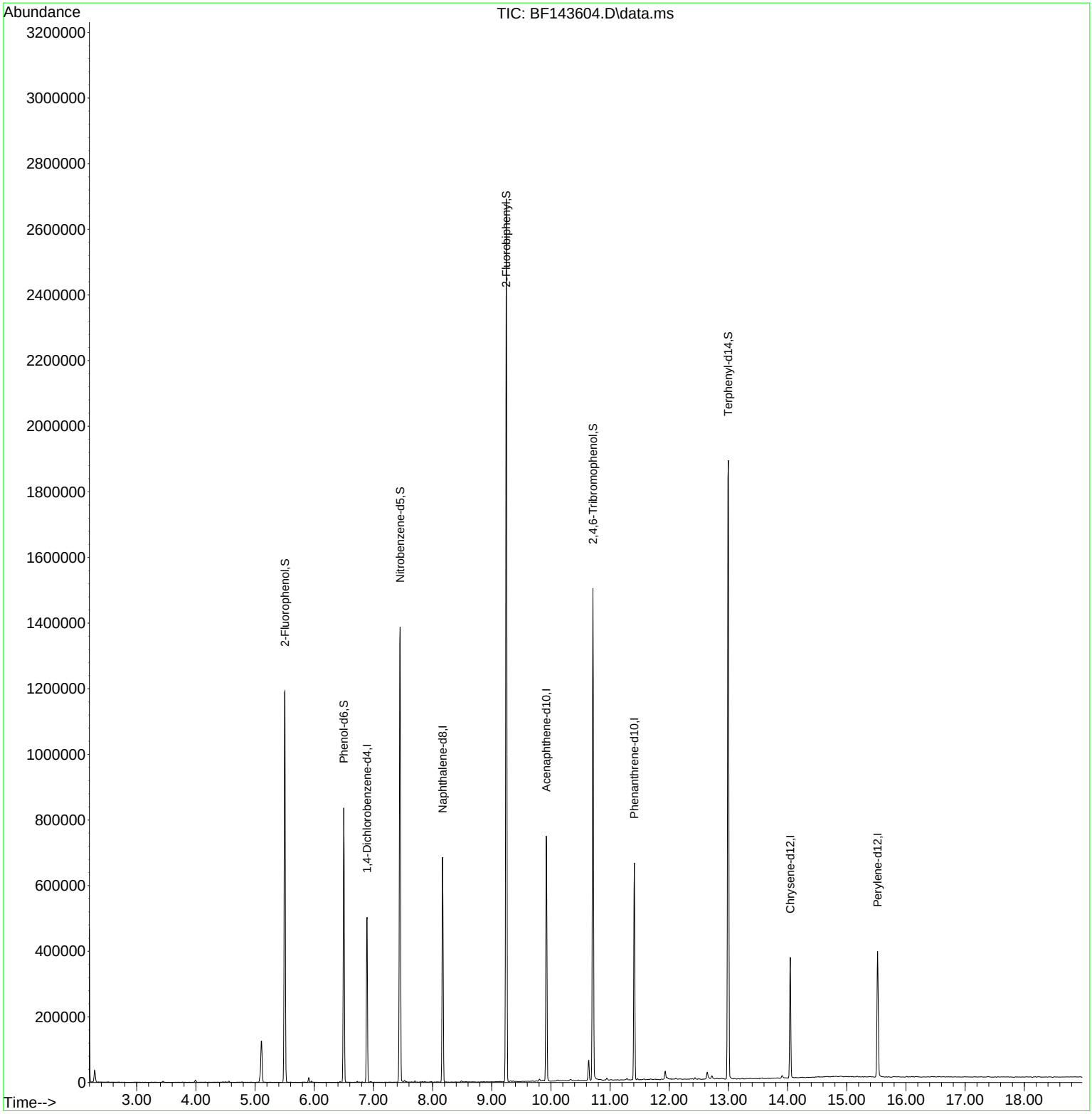
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	107569	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	412157	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	224876	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	331918	20.000	ng	0.00
76) Chrysene-d12	14.045	240	178027	20.000	ng	0.00
86) Perylene-d12	15.521	264	217699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	443919	70.238	ng	0.00
7) Phenol-d6	6.498	99	366457	46.814	ng	-0.01
23) Nitrobenzene-d5	7.451	82	627582	108.721	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	258967	147.260	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1184617	90.068	ng	0.00
79) Terphenyl-d14	12.998	244	952010	95.961	ng	0.00
Target Compounds						Qvalue

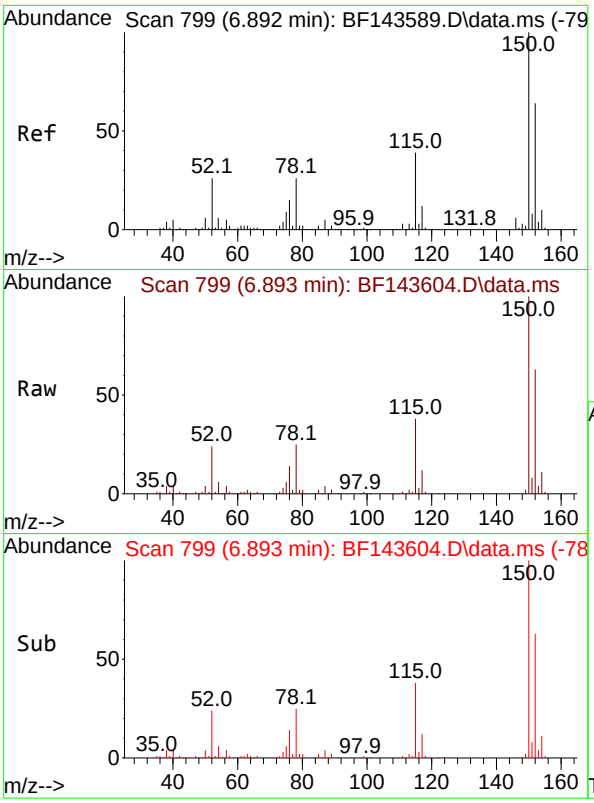
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143604.D
Acq On : 27 Aug 2025 13:21
Operator : RC/JU
Sample : Q2936-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-19A-082125

Quant Time: Aug 27 13:47:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration



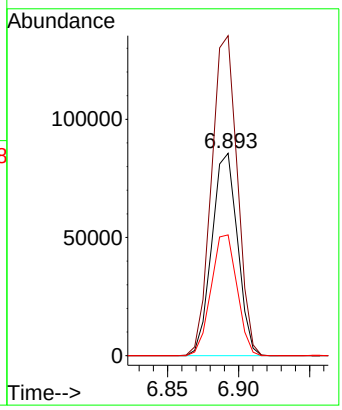


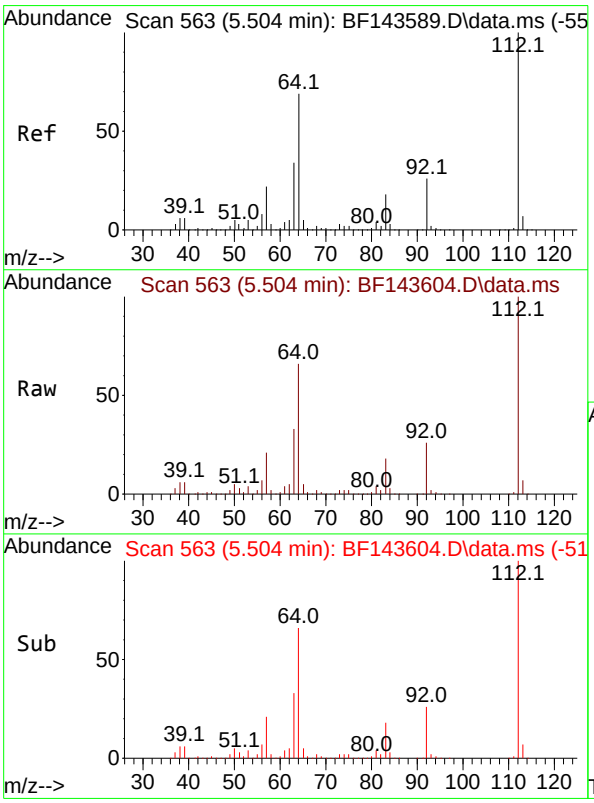
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. 0.001 min
Lab File: BF143604.D
Acq: 27 Aug 2025 13:21

Instrument :
BNA_F
ClientSampleId :
MW-19A-082125

Tgt Ion:152 Resp: 107569

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.9	187.3
115	59.7	48.0	72.0

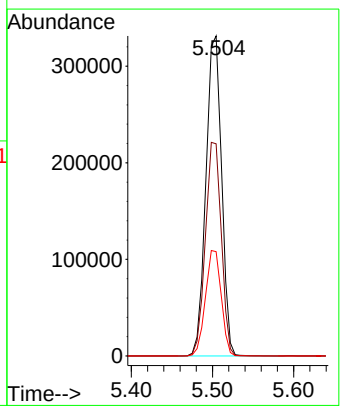


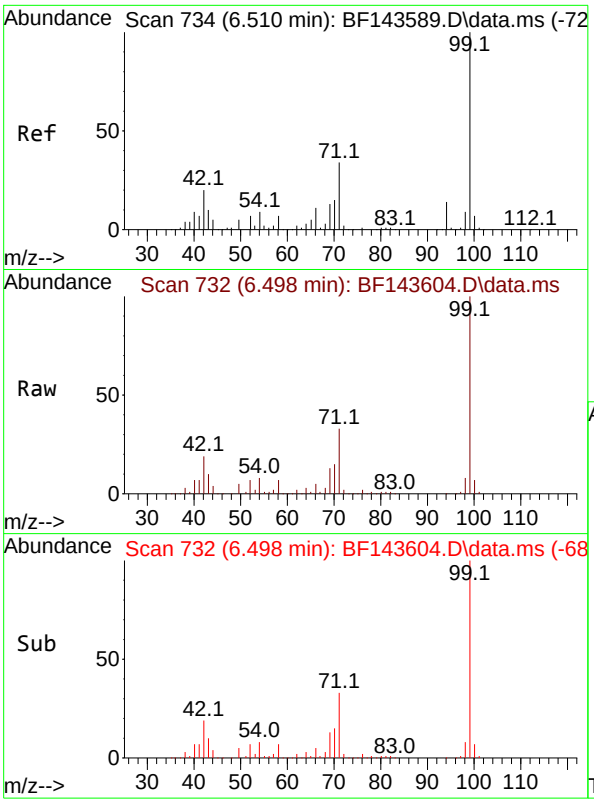


#5
2-Fluorophenol
Concen: 70.238 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF143604.D
Acq: 27 Aug 2025 13:21

Tgt Ion:112 Resp: 443919

Ion	Ratio	Lower	Upper
112	100		
64	66.3	54.8	82.2
63	32.6	27.6	41.4



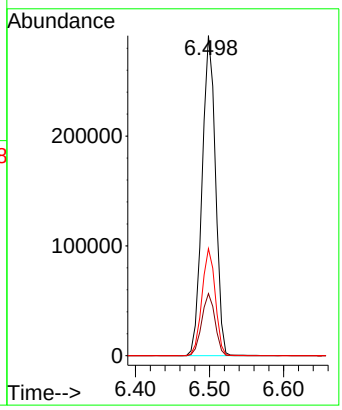


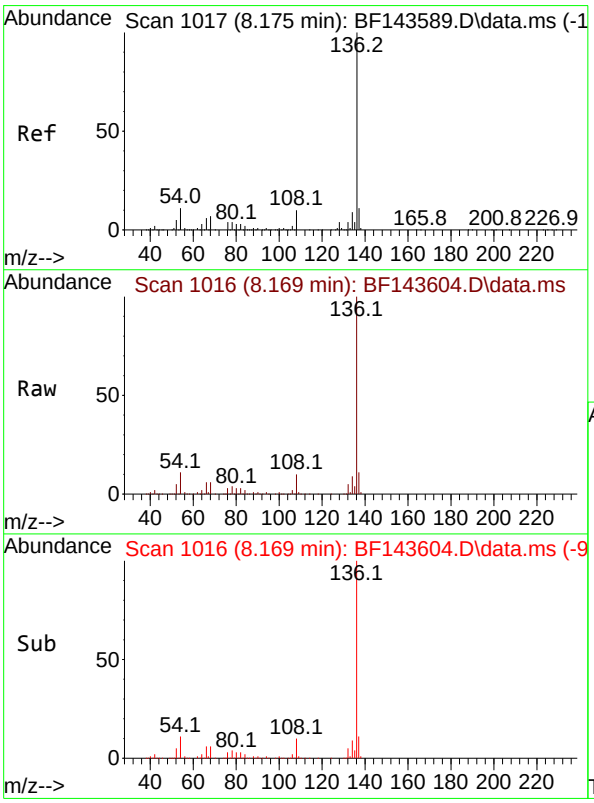
#7
Phenol-d6
Concen: 46.814 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143604.D
Acq: 27 Aug 2025 13:21

Instrument :
BNA_F
ClientSampleId :
MW-19A-082125

Tgt Ion: 99 Resp: 366457

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.9	23.9
71	33.5	27.2	40.8

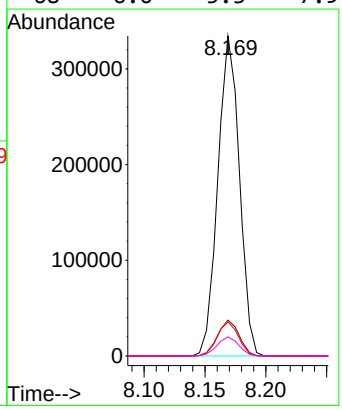


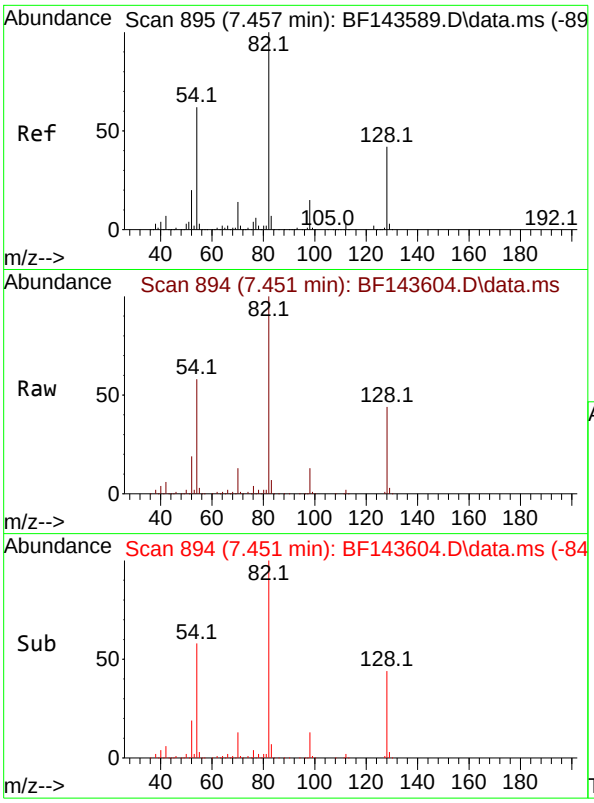


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143604.D
Acq: 27 Aug 2025 13:21

Tgt Ion:136 Resp: 412157

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.7	9.0	13.6
68	6.0	5.3	7.9



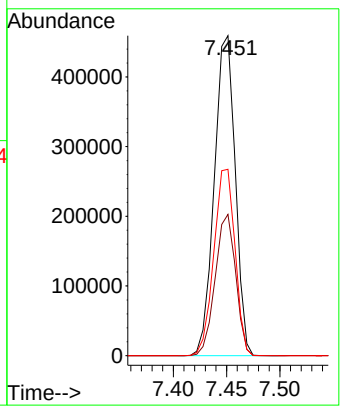


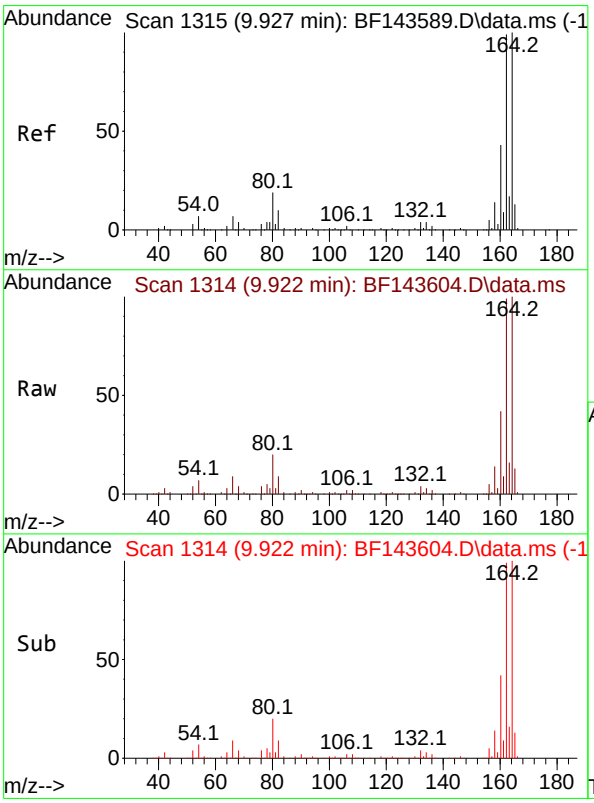
#23
Nitrobenzene-d5
Concen: 108.721 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143604.D
Acq: 27 Aug 2025 13:21

Instrument :
BNA_F
ClientSampleId :
MW-19A-082125

Tgt Ion: 82 Resp: 627582

Ion	Ratio	Lower	Upper
82	100		
128	44.1	33.4	50.2
54	58.3	49.3	73.9

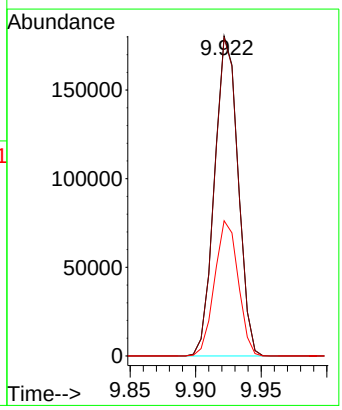


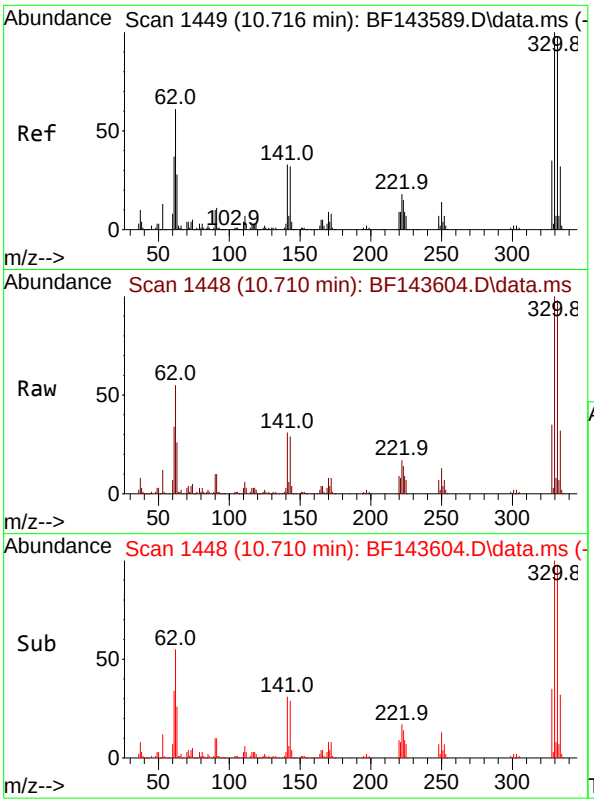


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143604.D
Acq: 27 Aug 2025 13:21

Tgt Ion:164 Resp: 224876

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.5	119.3
160	42.2	34.2	51.4



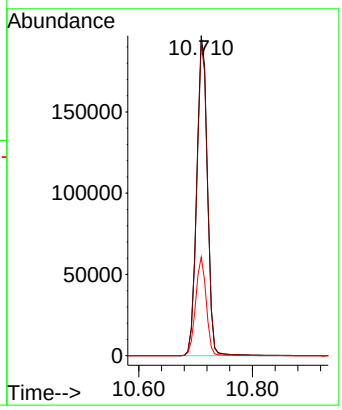


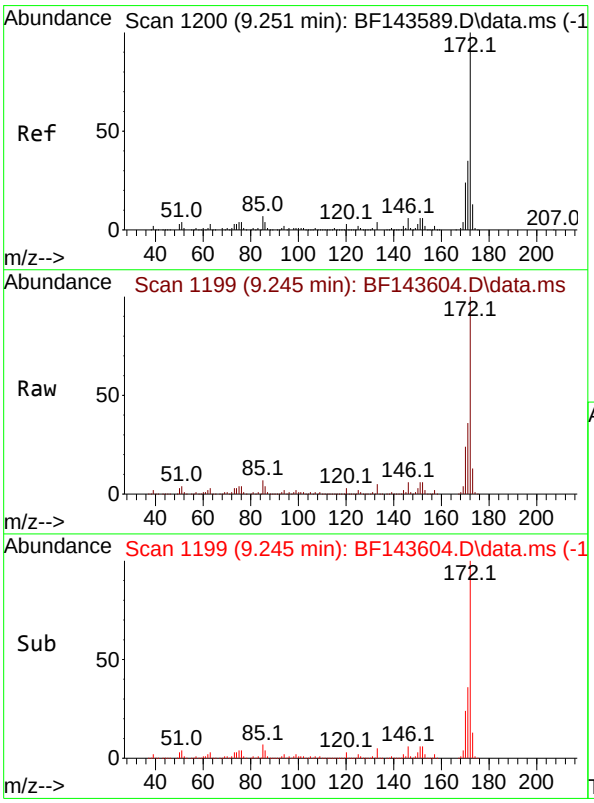
#42
2,4,6-Tribromophenol
Concen: 147.260 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143604.D
Acq: 27 Aug 2025 13:21

Instrument :
BNA_F
ClientSampleId :
MW-19A-082125

Tgt Ion:330 Resp: 258967

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.2	117.4
141	30.7	25.4	38.0

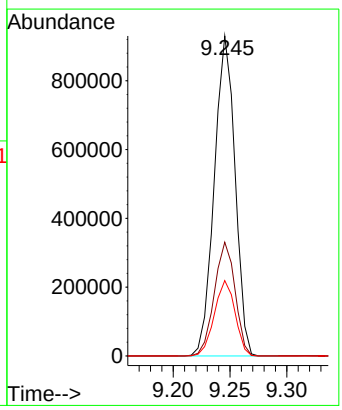


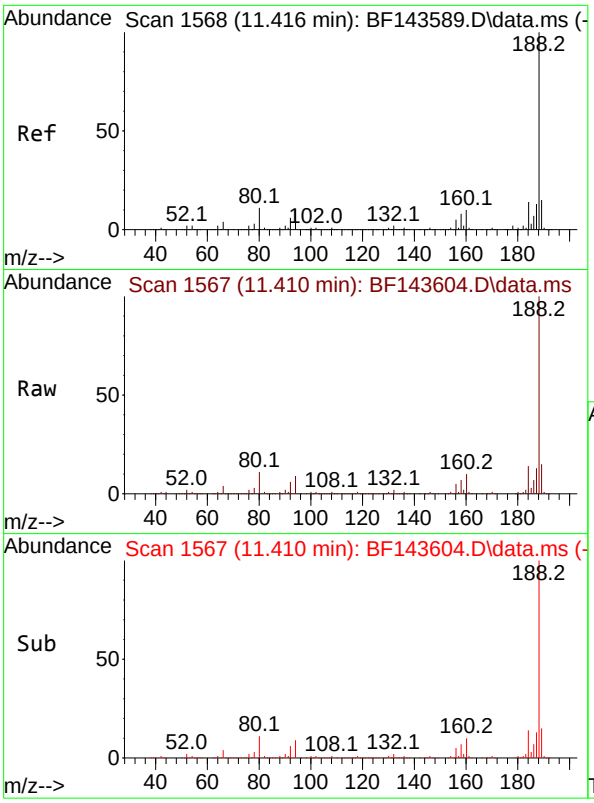


#45
2-Fluorobiphenyl
Concen: 90.068 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143604.D
Acq: 27 Aug 2025 13:21

Tgt Ion:172 Resp: 1184617

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.5	19.0	28.4



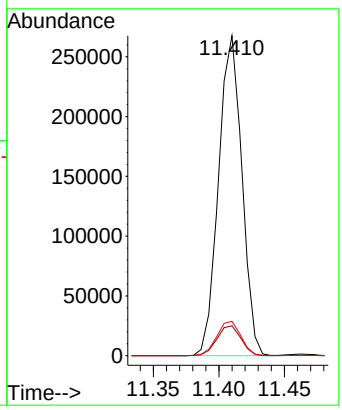


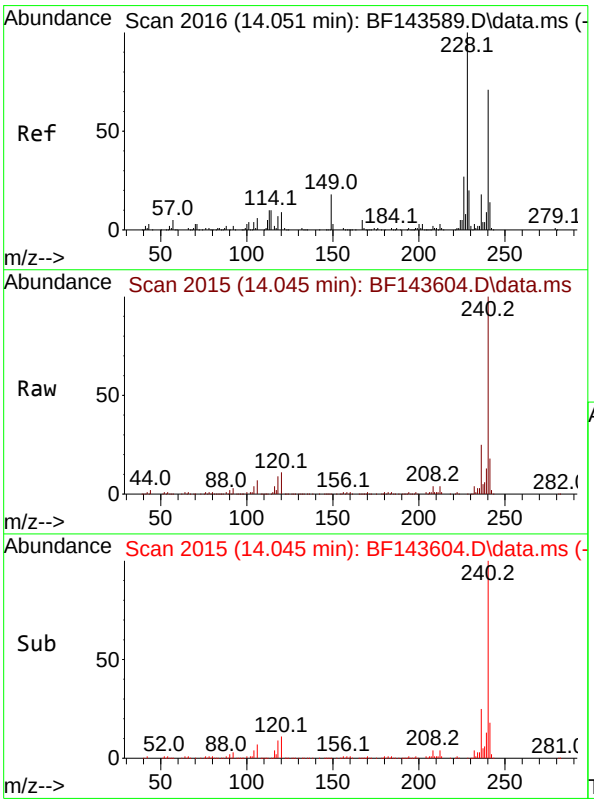
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143604.D
Acq: 27 Aug 2025 13:21

Instrument :
BNA_F
ClientSampleId :
MW-19A-082125

Tgt Ion:188 Resp: 331918

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.4
80	10.7	8.9	13.3

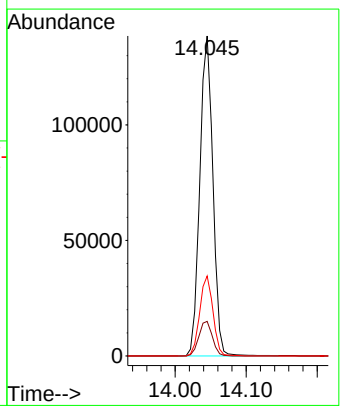


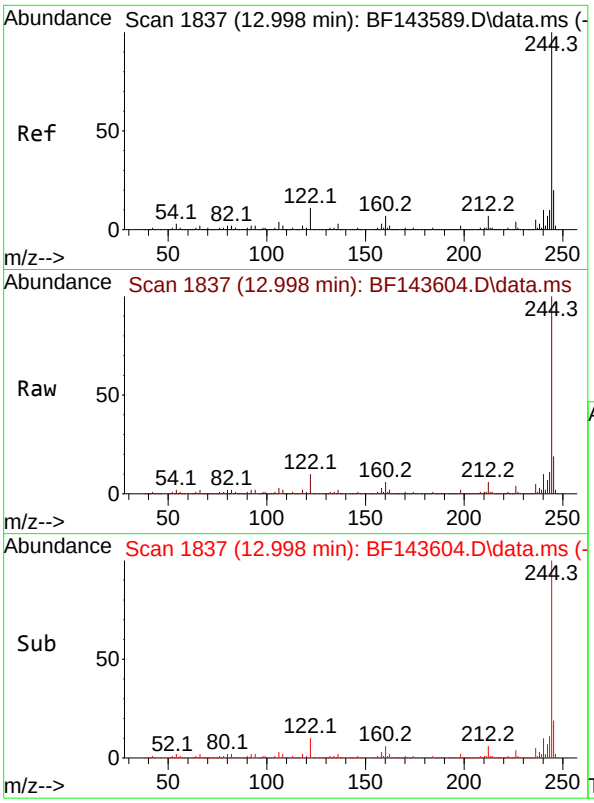


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143604.D
Acq: 27 Aug 2025 13:21

Tgt Ion:240 Resp: 178027

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.6	14.4
236	25.0	20.2	30.2



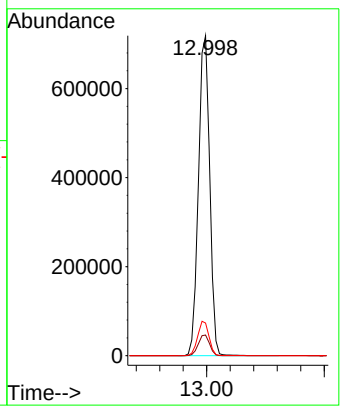


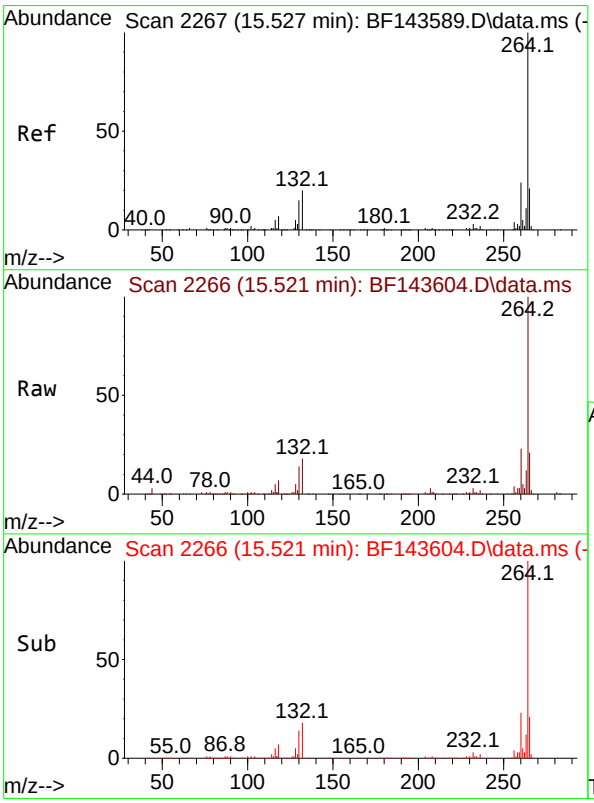
#79
Terphenyl-d14
Concen: 95.961 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143604.D
Acq: 27 Aug 2025 13:21

Instrument :
BNA_F
ClientSampleId :
MW-19A-082125

Tgt Ion:244 Resp: 952010

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	10.2	8.8	13.2

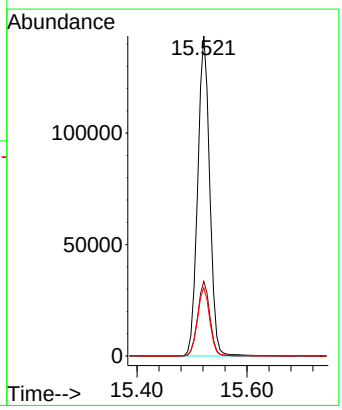




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF143604.D
Acq: 27 Aug 2025 13:21

Tgt Ion:264 Resp: 217699

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.3	17.0	25.4



Sample Results: **BF143604.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143604.D
Acq On : 27 Aug 2025 13:21
Operator : RC/JU
Sample : Q2936-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-19A-082125

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-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143604.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.287	11	16	24	rVB	35797	57635	1.68%	0.336%
2	5.110	486	496	503	rBV2	125399	210492	6.15%	1.226%
3	5.504	556	563	568	rBV	1191890	1617574	47.23%	9.421%
4	6.498	726	732	737	rBV	836142	1051060	30.69%	6.121%
5	6.893	793	799	804	rBV	503026	641479	18.73%	3.736%
6	7.451	887	894	899	rBV	1386918	1901018	55.51%	11.072%
7	8.169	1011	1016	1021	rBV	685462	844179	24.65%	4.917%
8	9.245	1193	1199	1204	rBV	2690257	3424628	100.00%	19.945%
9	9.922	1309	1314	1319	rBV	745779	928255	27.11%	5.406%
10	10.639	1431	1436	1442	rBV	60657	77786	2.27%	0.453%
11	10.710	1442	1448	1464	rBV	1499400	1970791	57.55%	11.478%
12	11.410	1561	1567	1572	rBV	661129	824983	24.09%	4.805%
13	11.933	1651	1656	1660	rBV	23740	35343	1.03%	0.206%
14	12.998	1831	1837	1842	rBV	1884726	2527098	73.79%	14.718%
15	14.045	2009	2015	2022	rBV	367879	479582	14.00%	2.793%
16	15.521	2260	2266	2280	rVB	382100	578273	16.89%	3.368%

Sum of corrected areas: 17170176

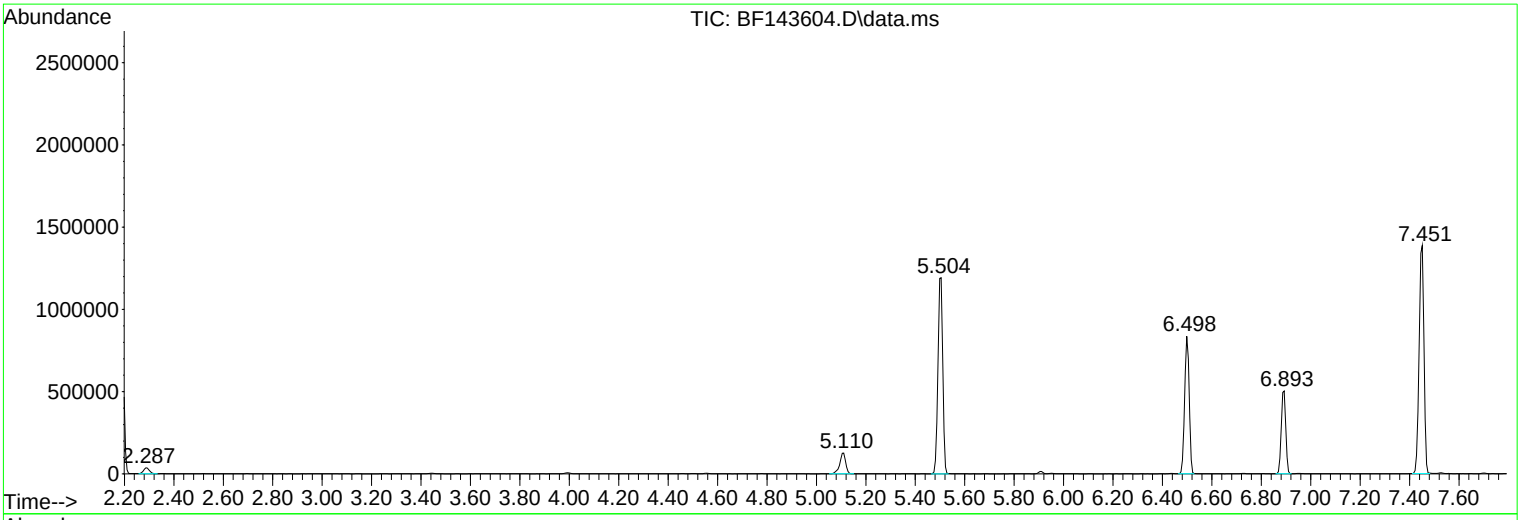
Sample Results: **BF143604.D**

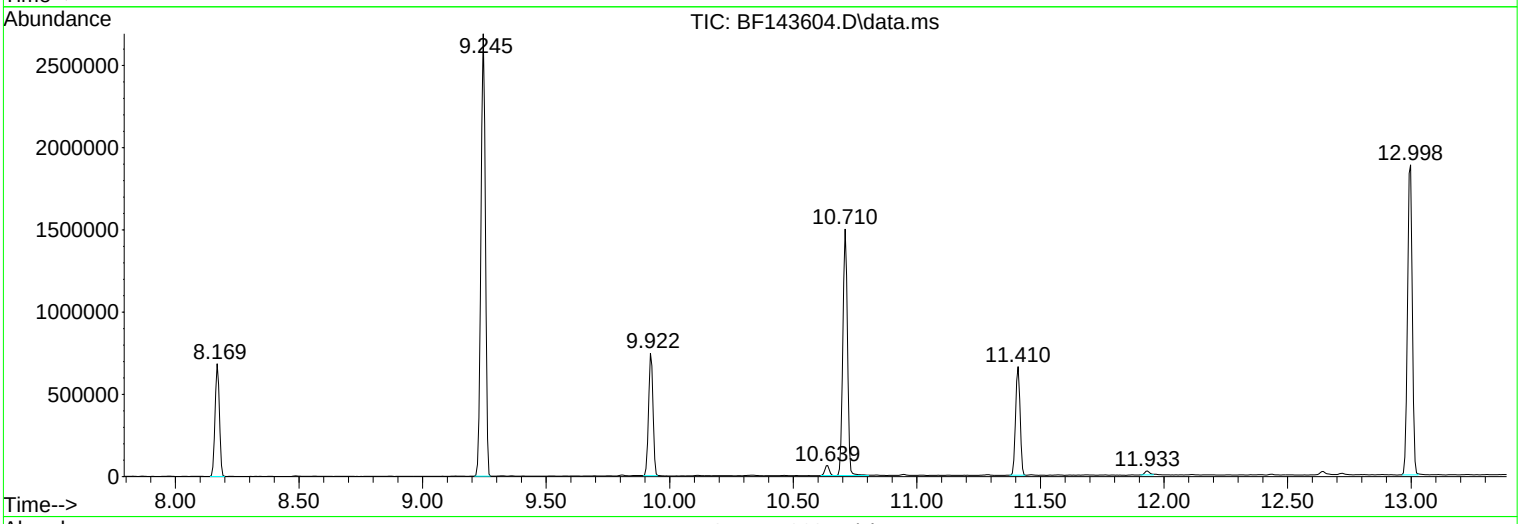
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143604.D
Acq On : 27 Aug 2025 13:21
Operator : RC/JU
Sample : Q2936-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

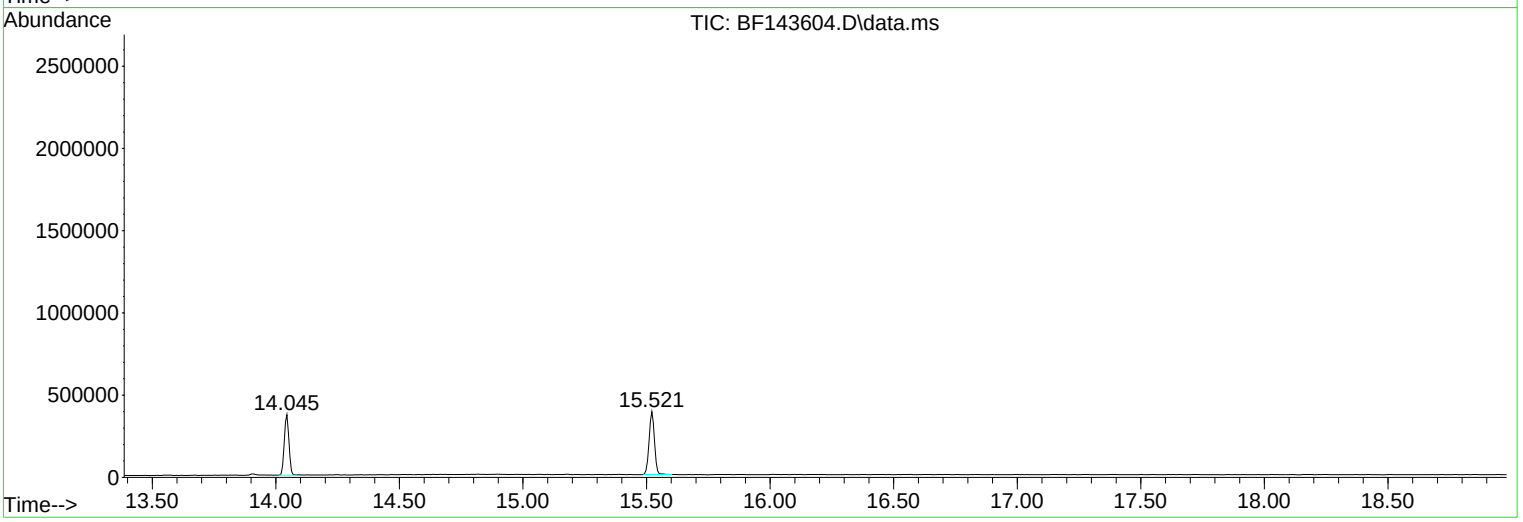
Instrument :
BNA_F
ClientSampleId :
MW-19A-082125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Sample Results: **BF143604.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143604.D
Acq On : 27 Aug 2025 13:21
Operator : RC/JU
Sample : Q2936-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-19A-082125

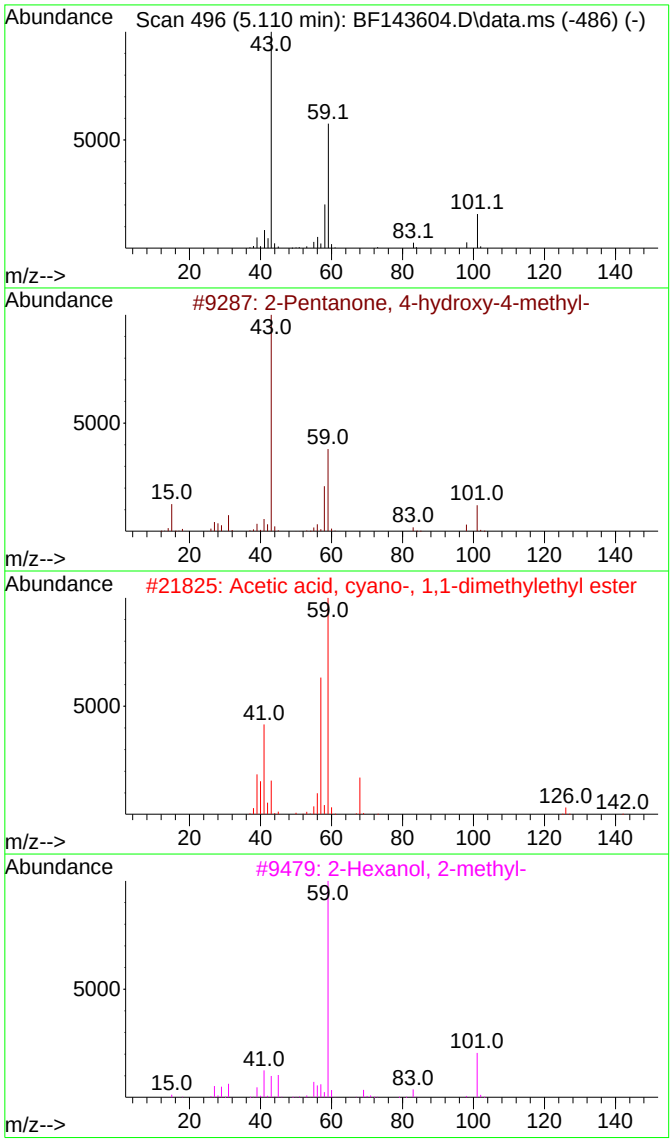
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

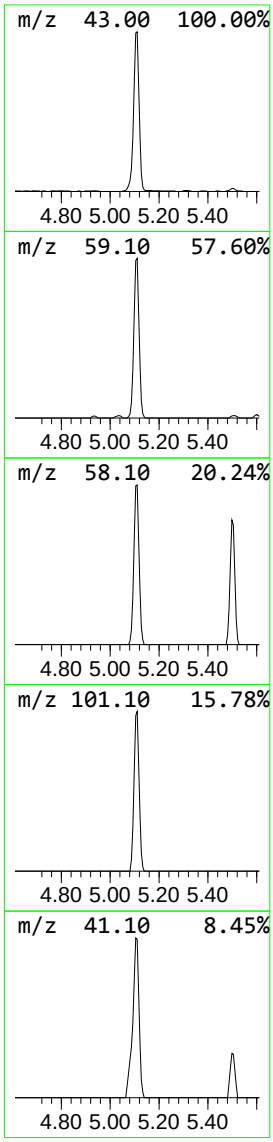
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	6.56 ng	210492	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	16
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12





Sample Results: **BF143604.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143604.D
Acq On : 27 Aug 2025 13:21
Operator : RC/JU
Sample : Q2936-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-19A-082125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.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-...	5.110	6.6	ng	210492	1	6.893	641479	20.0

Raw Data: **BP025591.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025591.D	1	08/22/25 10:34	08/26/25 18:41	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	11.1	U	4.30	11.1	ug/L
108-95-2	Phenol	19.2		1.00	5.60	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.60	U	0.90	5.60	ug/L
95-57-8	2-Chlorophenol	5.60	U	0.64	5.60	ug/L
95-48-7	2-Methylphenol	5.60	U	1.20	5.60	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.60	U	1.40	5.60	ug/L
98-86-2	Acetophenone	5.60	U	0.82	5.60	ug/L
65794-96-9	3+4-Methylphenols	5.00	J	1.20	11.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.80	U	1.60	2.80	ug/L
67-72-1	Hexachloroethane	5.60	U	0.72	5.60	ug/L
98-95-3	Nitrobenzene	5.60	U	0.84	5.60	ug/L
78-59-1	Isophorone	5.60	U	0.83	5.60	ug/L
88-75-5	2-Nitrophenol	5.60	U	2.00	5.60	ug/L
105-67-9	2,4-Dimethylphenol	67.5		2.10	5.60	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.60	U	0.76	5.60	ug/L
120-83-2	2,4-Dichlorophenol	5.60	U	0.58	5.60	ug/L
91-20-3	Naphthalene	1300	E	0.56	5.60	ug/L
106-47-8	4-Chloroaniline	5.60	U	0.93	5.60	ug/L
87-68-3	Hexachlorobutadiene	5.60	U	0.60	5.60	ug/L
105-60-2	Caprolactam	11.1	U	1.30	11.1	ug/L
59-50-7	4-Chloro-3-methylphenol	5.60	U	0.66	5.60	ug/L
91-57-6	2-Methylnaphthalene	190	E	0.62	5.60	ug/L
77-47-4	Hexachlorocyclopentadiene	11.1	U	4.00	11.1	ug/L
88-06-2	2,4,6-Trichlorophenol	5.60	U	0.57	5.60	ug/L
95-95-4	2,4,5-Trichlorophenol	5.60	U	0.69	5.60	ug/L
92-52-4	1,1-Biphenyl	21.0		0.59	5.60	ug/L
91-58-7	2-Chloronaphthalene	5.60	U	0.68	5.60	ug/L
88-74-4	2-Nitroaniline	5.60	U	1.40	5.60	ug/L
131-11-3	Dimethylphthalate	5.60	U	0.68	5.60	ug/L

Raw Data: **BP025591.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025591.D	1	08/22/25 10:34	08/26/25 18:41	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.60	U	0.83	5.60	ug/L
606-20-2	2,6-Dinitrotoluene	5.60	U	1.00	5.60	ug/L
99-09-2	3-Nitroaniline	5.60	U	1.20	5.60	ug/L
83-32-9	Acenaphthene	130	E	0.61	5.60	ug/L
51-28-5	2,4-Dinitrophenol	11.1	U	6.60	11.1	ug/L
100-02-7	4-Nitrophenol	11.1	U	2.60	11.1	ug/L
132-64-9	Dibenzofuran	31.8		0.68	5.60	ug/L
121-14-2	2,4-Dinitrotoluene	5.60	U	1.40	5.60	ug/L
84-66-2	Diethylphthalate	5.60	U	0.77	5.60	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.60	U	0.76	5.60	ug/L
86-73-7	Fluorene	40.1		0.70	5.60	ug/L
100-01-6	4-Nitroaniline	5.60	U	1.70	5.60	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.1	U	3.20	11.1	ug/L
86-30-6	n-Nitrosodiphenylamine	5.60	U	0.64	5.60	ug/L
101-55-3	4-Bromophenyl-phenylether	5.60	U	0.44	5.60	ug/L
118-74-1	Hexachlorobenzene	5.60	U	0.58	5.60	ug/L
1912-24-9	Atrazine	5.60	U	1.10	5.60	ug/L
87-86-5	Pentachlorophenol	11.1	U	1.80	11.1	ug/L
85-01-8	Phenanthrene	23.8		0.56	5.60	ug/L
120-12-7	Anthracene	5.60	U	0.68	5.60	ug/L
86-74-8	Carbazole	23.0		0.80	5.60	ug/L
84-74-2	Di-n-butylphthalate	5.60	U	1.40	5.60	ug/L
206-44-0	Fluoranthene	5.60	U	0.91	5.60	ug/L
129-00-0	Pyrene	5.60	U	0.56	5.60	ug/L
85-68-7	Butylbenzylphthalate	5.60	U	2.10	5.60	ug/L
91-94-1	3,3-Dichlorobenzidine	11.1	U	1.00	11.1	ug/L
56-55-3	Benzo(a)anthracene	5.60	U	0.50	5.60	ug/L
218-01-9	Chrysene	5.60	U	0.49	5.60	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.60	U	1.80	5.60	ug/L
117-84-0	Di-n-octyl phthalate	11.1	U	2.60	11.1	ug/L
205-99-2	Benzo(b)fluoranthene	5.60	U	0.54	5.60	ug/L

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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025591.D	1	08/22/25 10:34	08/26/25 18:41	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.60	U	0.53	5.60	ug/L
50-32-8	Benzo(a)pyrene	5.60	U	0.61	5.60	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.60	U	0.66	5.60	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.60	U	0.74	5.60	ug/L
191-24-2	Benzo(g,h,i)perylene	5.60	U	0.77	5.60	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.60	U	0.58	5.60	ug/L
123-91-1	1,4-Dioxane	5.60	U	1.10	5.60	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.60	U	0.80	5.60	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	68.7		23 - 138	46%	SPK: 150
13127-88-3	Phenol-d6	44.5		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.1		67 - 132	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.0		52 - 132	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		44 - 137	89%	SPK: 150
1718-51-0	Terphenyl-d14	76.1		42 - 152	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	193000	7.778			
1146-65-2	Naphthalene-d8	712000	10.566			
15067-26-2	Acenaphthene-d10	505000	14.395			
1517-22-2	Phenanthrene-d10	979000	17.201			
1719-03-5	Chrysene-d12	1050000	21.642			
1520-96-3	Perylene-d12	1240000	25.024			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	18.2	J		3.03	ug/L
000108-38-3	Benzene, 1,3-dimethyl-	190	J		5.34	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	12.8	J		7.18	ug/L
000496-11-7	Indane	330	J		8.18	ug/L
000275-51-4	Azulene	22.2	J		10.7	ug/L
90-12-0	1-Methylnaphthalene	290	J		12.4	ug/L
000581-42-0	Naphthalene, 2,6-dimethyl-	21.6	J		13.6	ug/L

Raw Data: **BP025591.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025591.D	1	08/22/25 10:34	08/26/25 18:41	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000575-41-7	Naphthalene, 1,3-dimethyl-	23.3	J		13.7	ug/L
000090-15-3	1-Naphthalenol	34.6	J		14.6	ug/L
065898-38-6	Indane-5-carboxylic acid	100	J		15.0	ug/L
004184-79-6	5,6-Dimethyl-1H-benzotriazole	18.1	J		15.3	ug/L
007469-77-4	1-Naphthalenol, 2-methyl-	15.3	J		15.6	ug/L
000119-61-9	Benzophenone	15.3	J		15.8	ug/L
000086-55-5	1-Naphthalenecarboxylic acid	25.6	J		16.2	ug/L
000491-30-5	1(2H)-Isoquinolinone	35.2	J		16.5	ug/L
002721-59-7	2(1H)-Quinolinone, 3-methyl-	13.7	J		16.8	ug/L
000828-51-3	Adamantane-1-carboxylic acid	60.5	J		17.1	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: **BP025591.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025591.D
Acq On : 26 Aug 2025 18:41
Operator : CG/JU
Sample : Q2936-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 27 05:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	193167	20.000	ng	-0.02
21) Naphthalene-d8	10.566	136	711886	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	504940	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	978534	20.000	ng	# 0.00
76) Chrysene-d12	21.642	240	1047856	20.000	ng	0.00
86) Perylene-d12	25.024	264	1242891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	799105	68.701	ng	0.00
7) Phenol-d6	6.972	99	663269	44.477	ng	0.00
23) Nitrobenzene-d5	8.925	82	1183427	84.092	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	909718	133.850	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2732706	73.964	ng	-0.01
79) Terphenyl-d14	19.919	244	4359257	76.113	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.996	94	269953	17.251	ng	97
20) 3+4-Methylphenols	8.549	107	67490	4.480	ng	96
27) 2,4-Dimethylphenol	9.743	122	674579	60.772	ng	98
31) Naphthalene	10.613	128	44263507m	1196.290	ng	
37) 2-Methylnaphthalene	12.213	142	4152595	172.457	ng	98
38) 1-Methylnaphthalene	12.443	142	6717668	262.337	ng	99
46) 1,1'-Biphenyl	13.225	154	693183	18.902	ng	99
52) Acenaphthene	14.466	154	3134160	113.029	ng	99
55) Dibenzofuran	14.801	168	1256333	28.658	ng	99
58) Fluorene	15.466	166	1247471	36.062	ng	100
71) Phenanthrene	17.248	178	1153013	21.450	ng	100
73) Carbazole	17.619	167	1069013	20.675	ng	99

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

Sample Results: **BP025591.D**

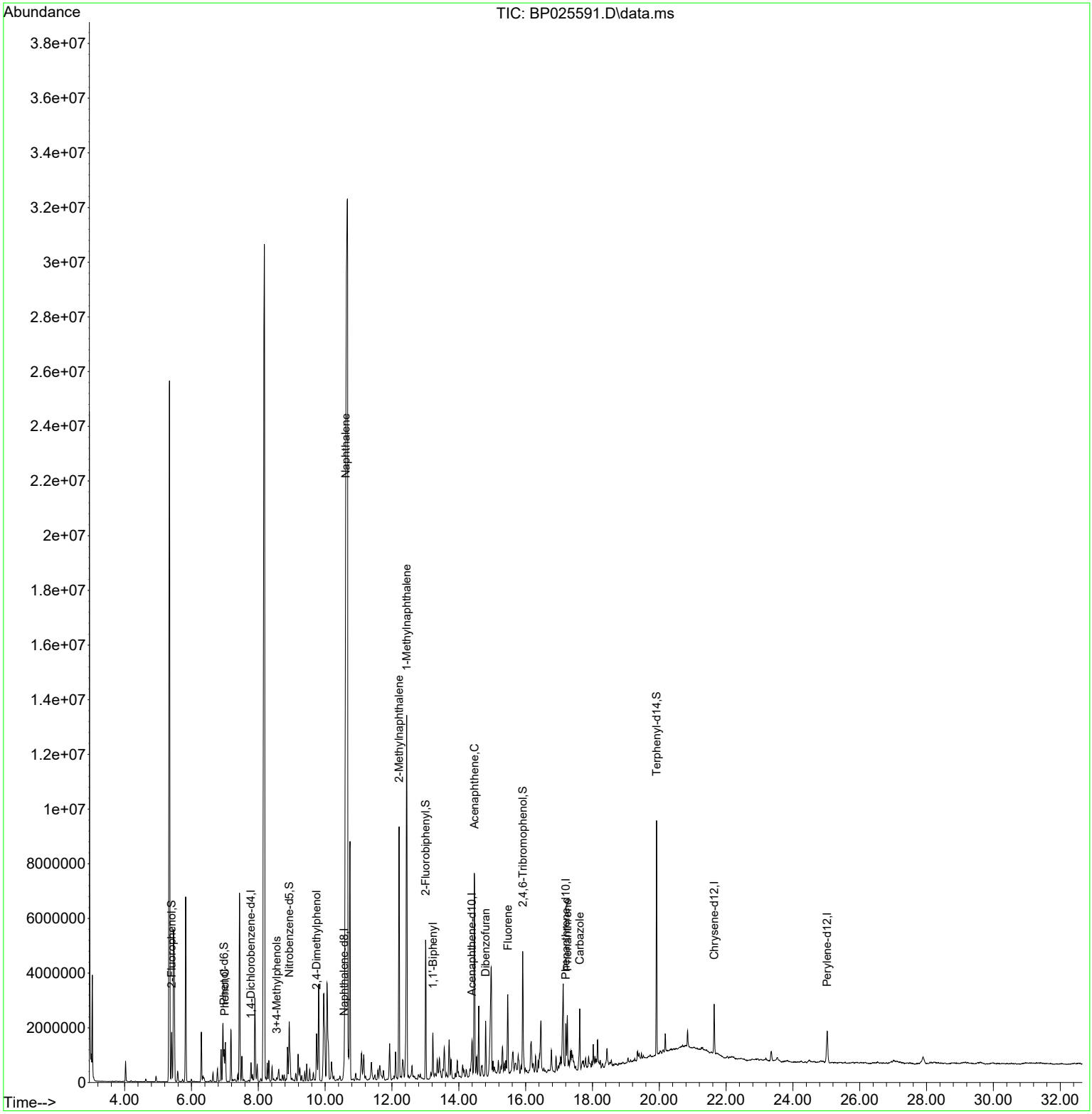
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025591.D
Acq On : 26 Aug 2025 18:41
Operator : CG/JU
Sample : Q2936-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

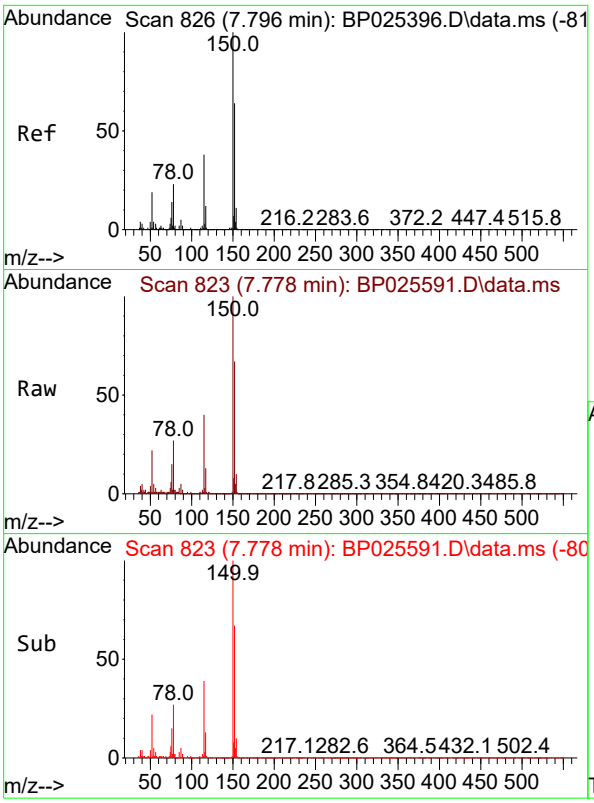
Quant Time: Aug 27 05:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

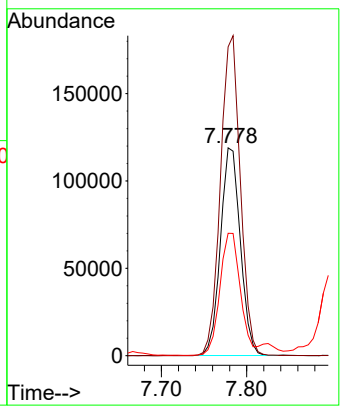




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:152 Resp: 19316

Ion	Ratio	Lower	Upper
152	100		
150	148.6	125.9	188.9
115	58.9	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

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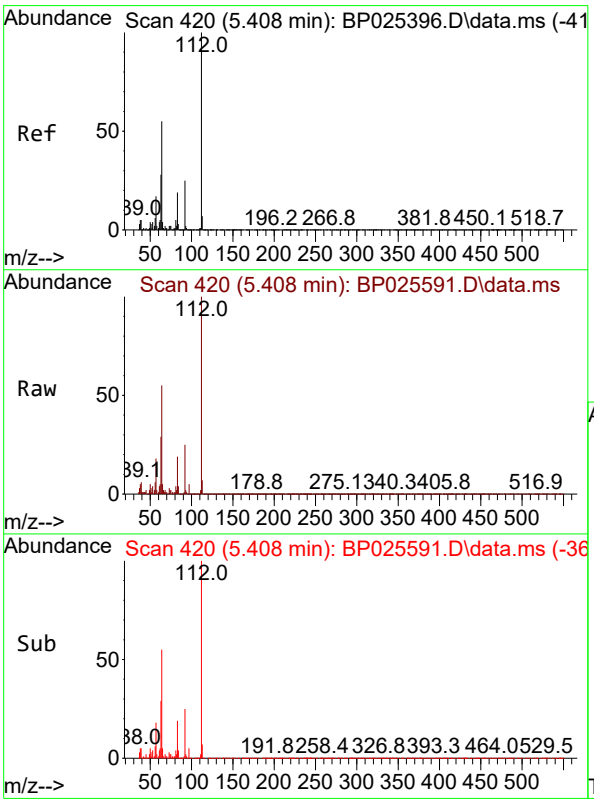
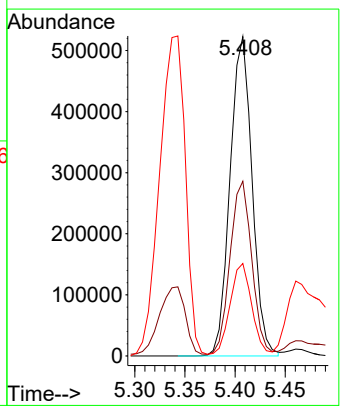
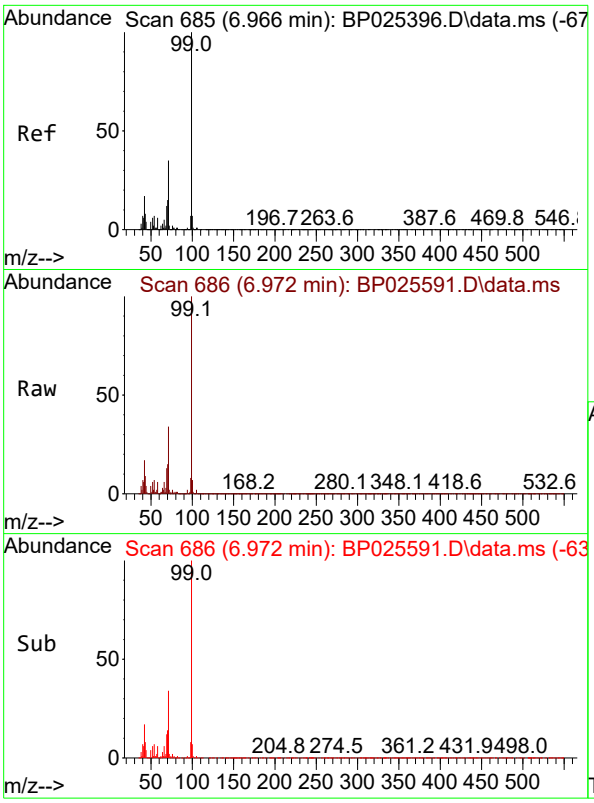


#5
2-Fluorophenol
Concen: 68.701 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:112 Resp: 799105

Ion	Ratio	Lower	Upper
112	100		
64	54.7	43.8	65.8
63	28.9	22.7	34.1

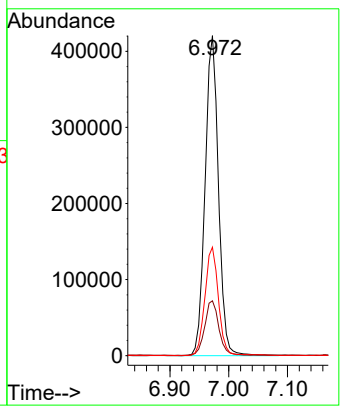




#7
Phenol-d6
Concen: 44.477 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion: 99 Resp: 66326

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.7	20.5
71	33.9	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

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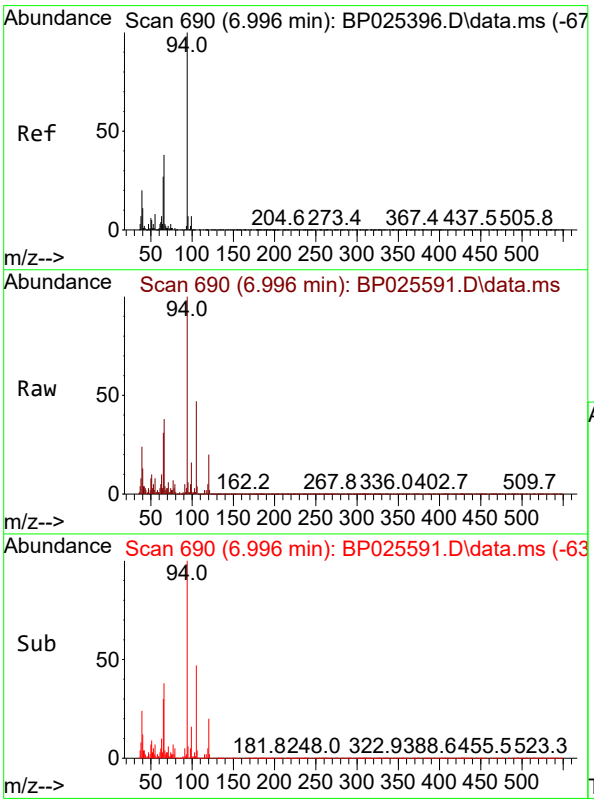
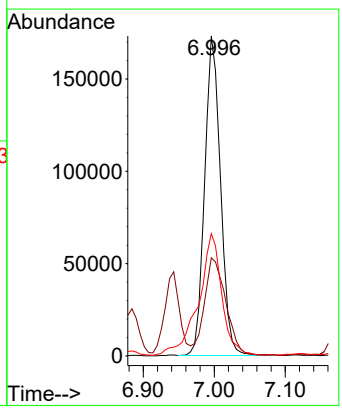
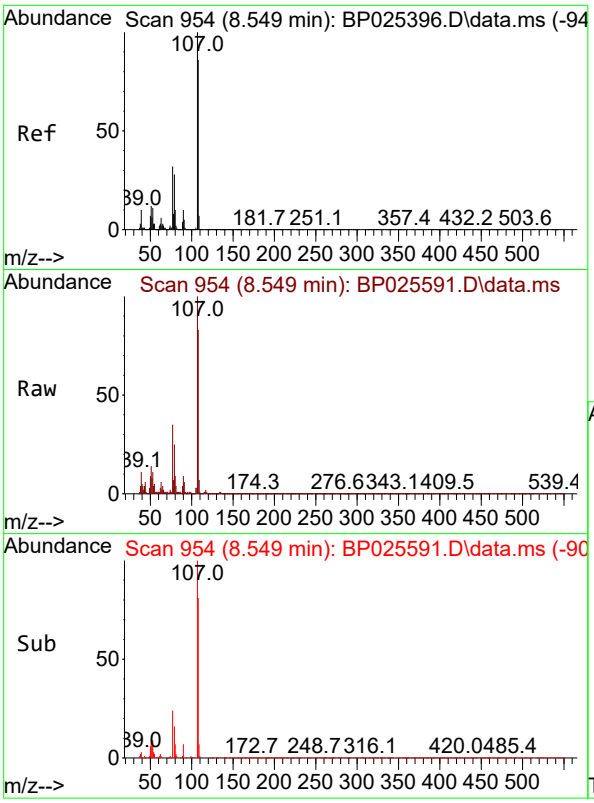


#10
Phenol
Concen: 17.251 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion: 94 Resp: 269953

Ion	Ratio	Lower	Upper
94	100		
65	30.6	6.8	46.8
66	38.2	18.2	58.2

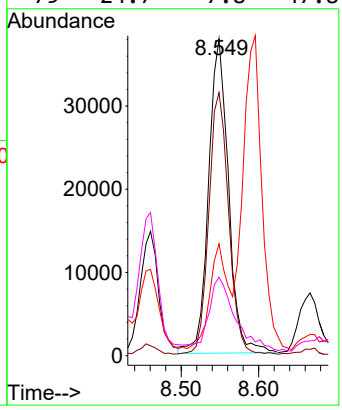




#20
3+4-Methylphenols
Concen: 4.480 ng
RT: 8.549 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:107 Resp: 6749

Ion	Ratio	Lower	Upper
107	100		
108	83.0	66.3	106.3
77	35.3	12.3	52.3
79	24.7	7.8	47.8



Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

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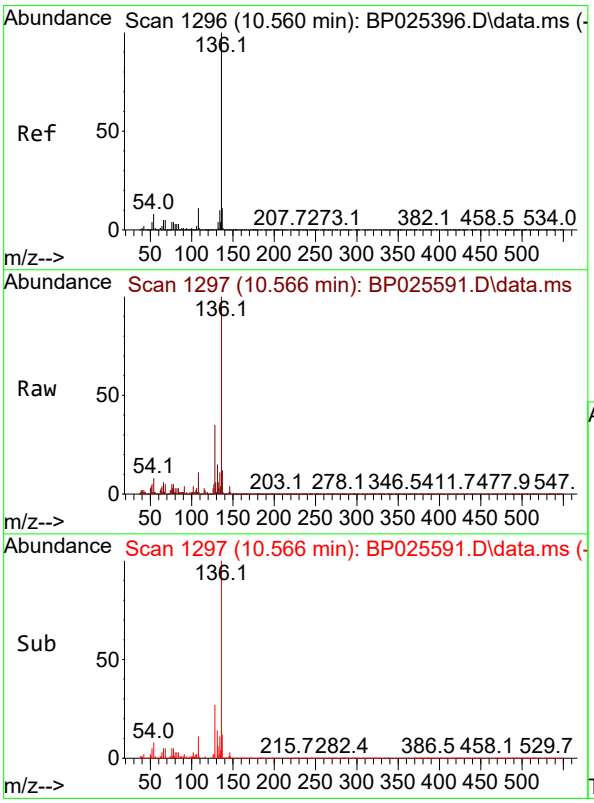
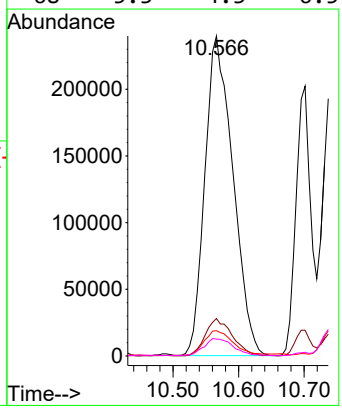
Supervised By :Jagrut Upadhyay 08/27/2025

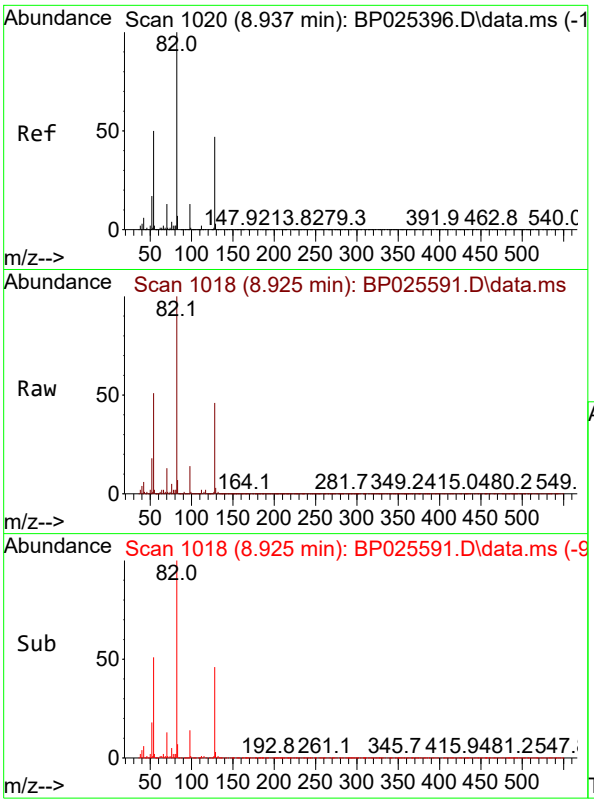


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:136 Resp: 711886

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	7.9	6.0	9.0
68	5.3	4.3	6.5





#23
Nitrobenzene-d5
Concen: 84.092 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion: 82 Resp: 118342

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.7	56.5
54	50.8	39.8	59.6

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

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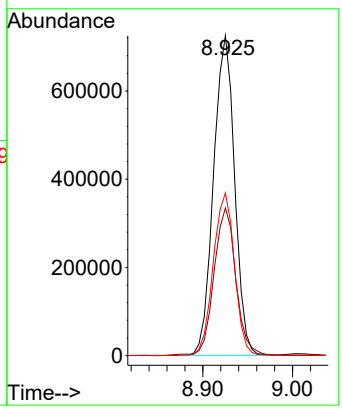
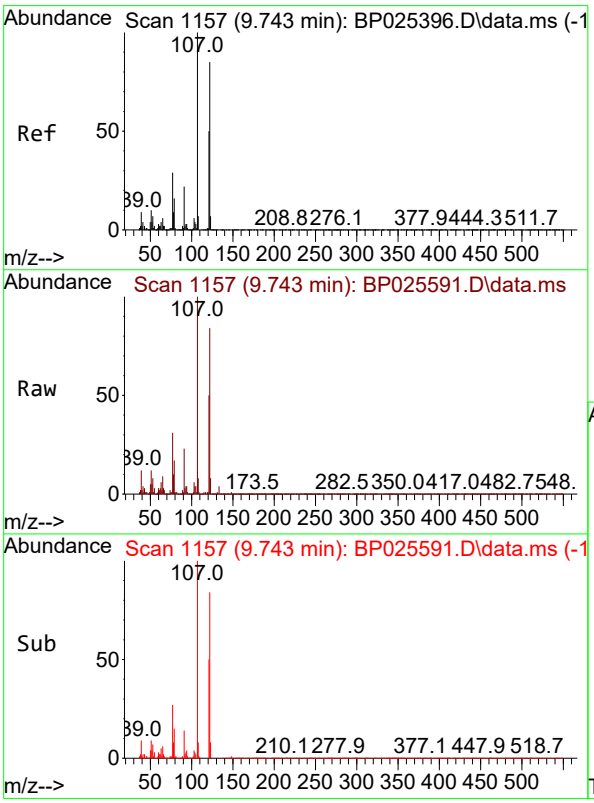
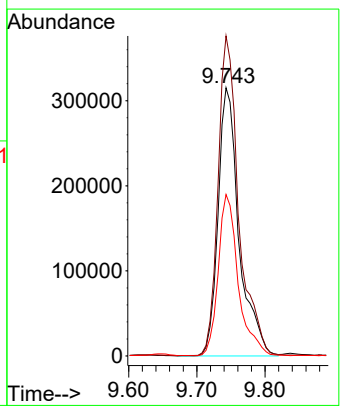


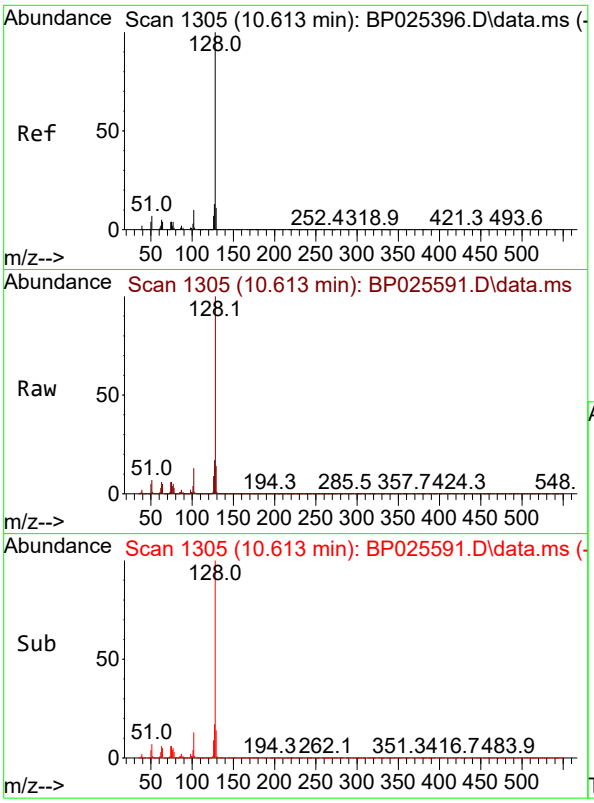


#27
2,4-Dimethylphenol
Concen: 60.772 ng
RT: 9.743 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:122 Resp: 674579

Ion	Ratio	Lower	Upper
122	100		
107	119.4	93.7	140.5
121	60.2	46.6	69.8

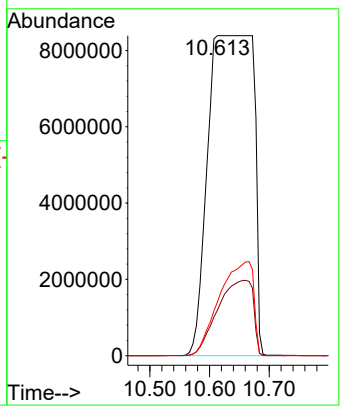




#31
Naphthalene
Concen: 1196.290 ng m
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:128 Resp:4426350

Ion	Ratio	Lower	Upper
128	100		
129	14.2	8.6	13.0#
127	16.8	10.7	16.1#



Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

Manual Integrations
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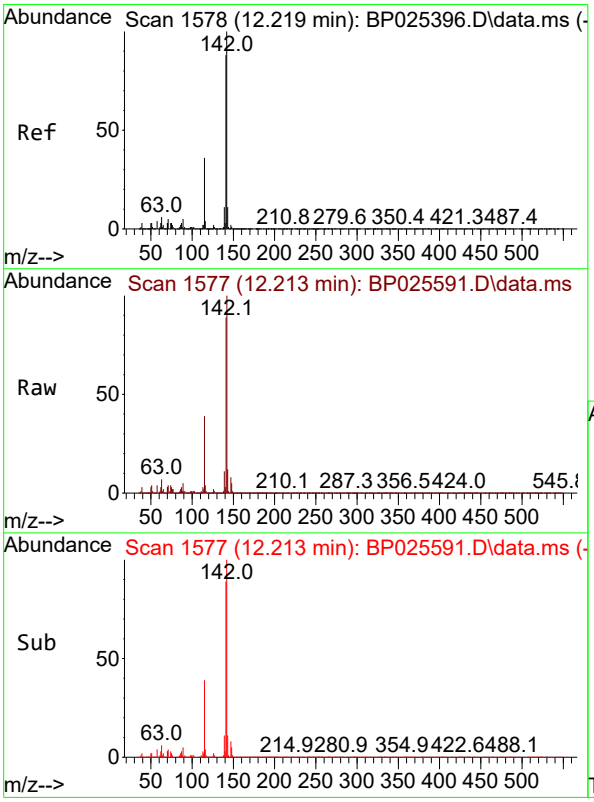
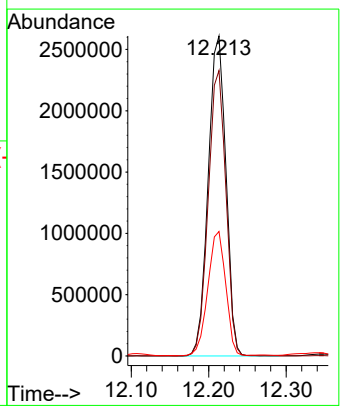
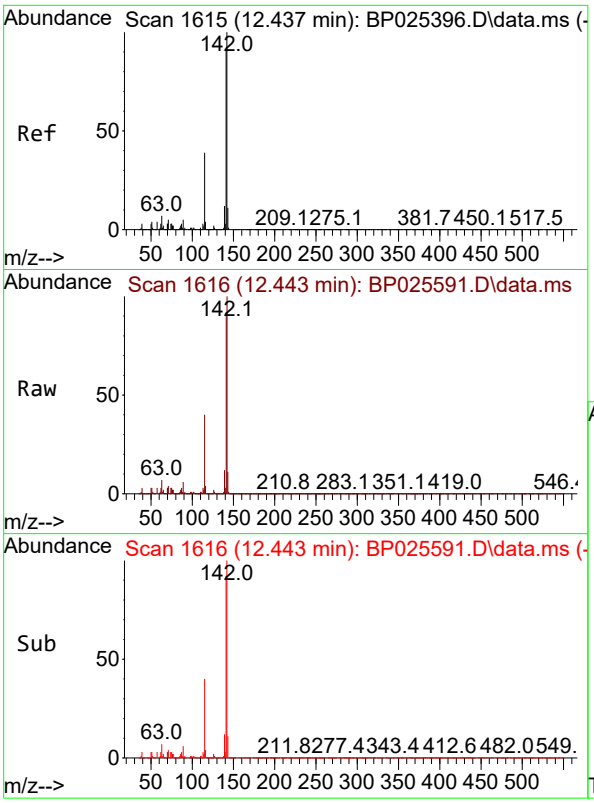


#37
2-Methylnaphthalene
Concen: 172.457 ng
RT: 12.213 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:142 Resp: 4152595

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	38.9	28.9	43.3





#38
1-Methylnaphthalene
Concen: 262.337 ng
RT: 12.443 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:142 Resp: 671766

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.1	109.7
116	4.2	3.2	4.8

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

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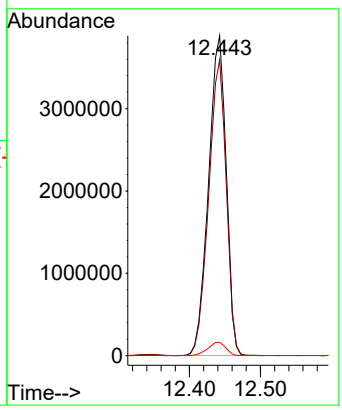
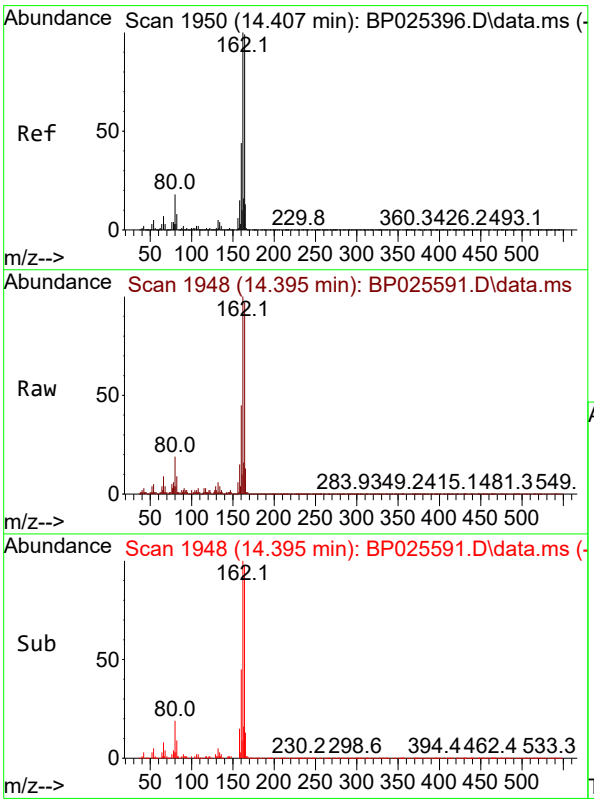
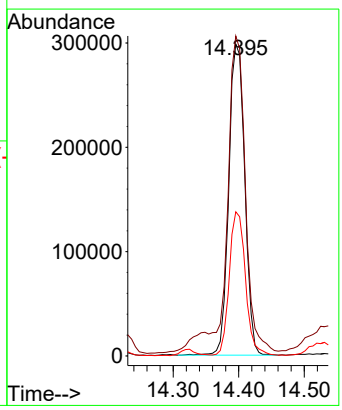


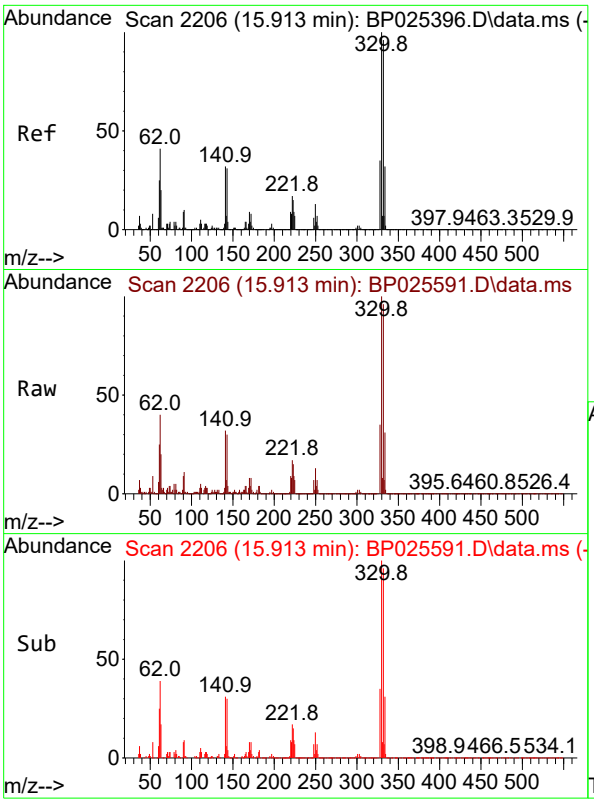


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:164 Resp: 504940

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.0	121.6
160	46.2	35.4	53.2

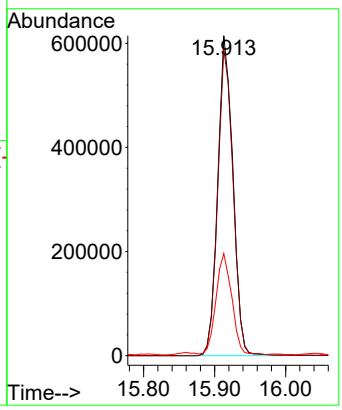




#42
2,4,6-Tribromophenol
Concen: 133.850 ng
RT: 15.913 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:330 Resp: 90971

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	32.7	26.6	39.8



Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

Manual Integrations
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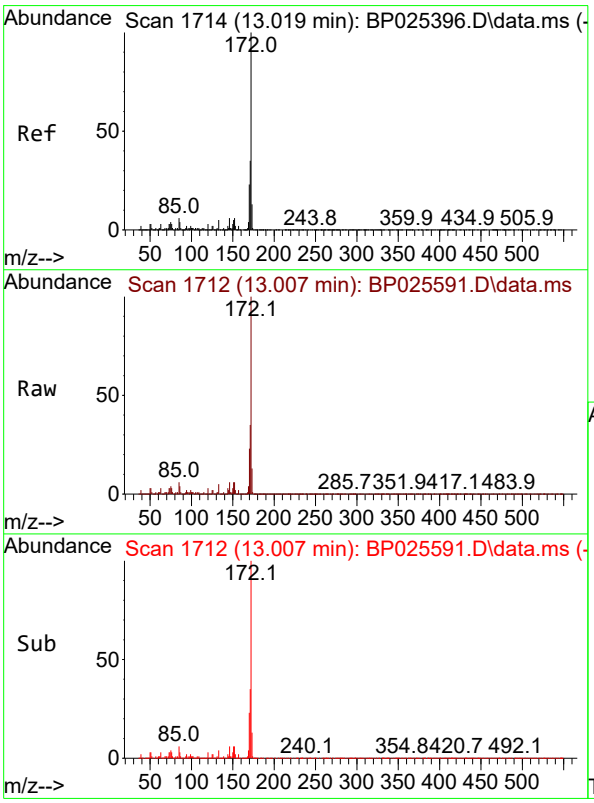
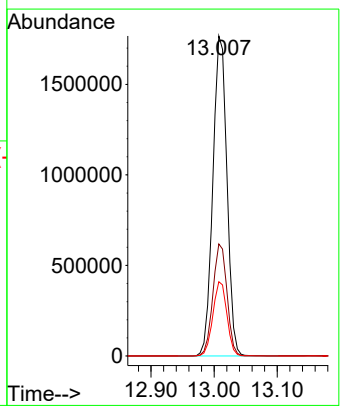
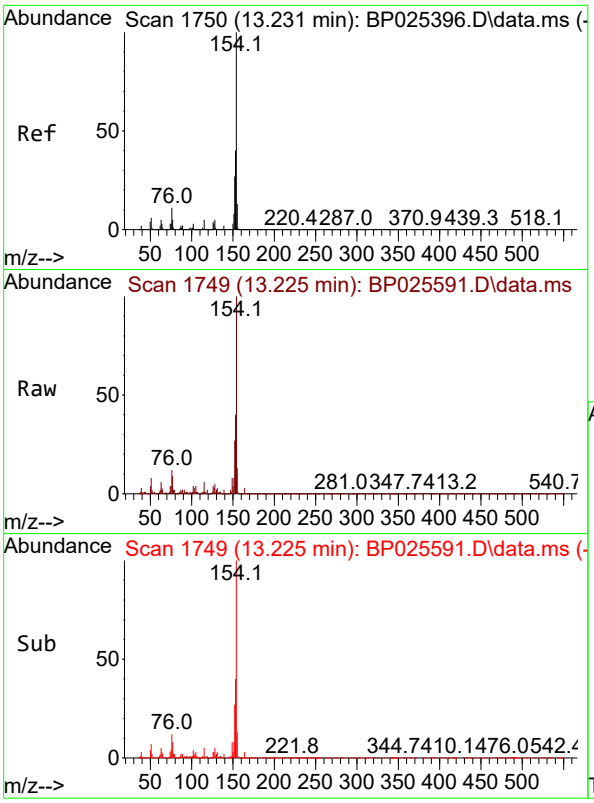


#45
2-Fluorobiphenyl
Concen: 73.964 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:172 Resp: 2732706

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.2	18.6	28.0

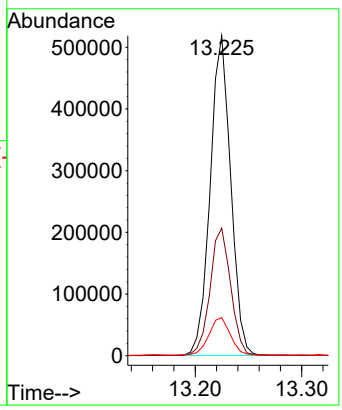




#46
1,1'-Biphenyl
Concen: 18.902 ng
RT: 13.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:154 Resp: 69318

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.5	59.5
76	11.9	0.0	31.1



Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

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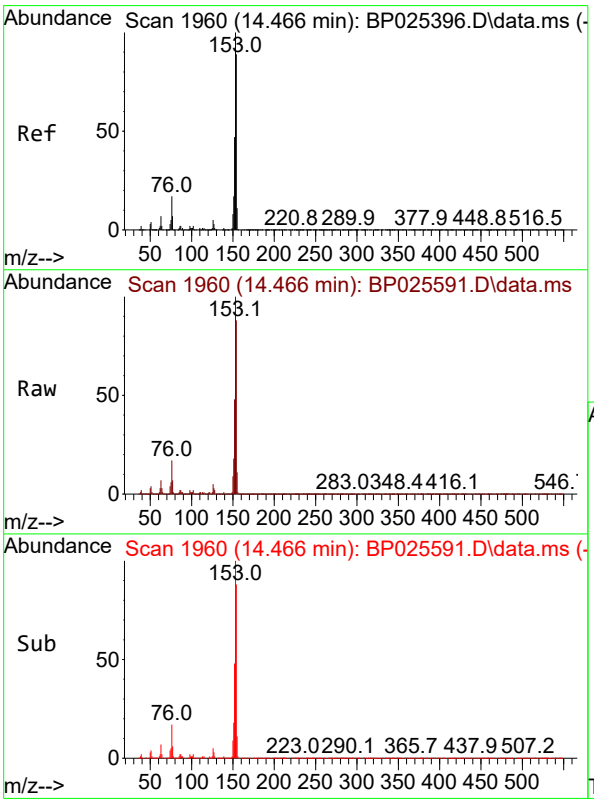
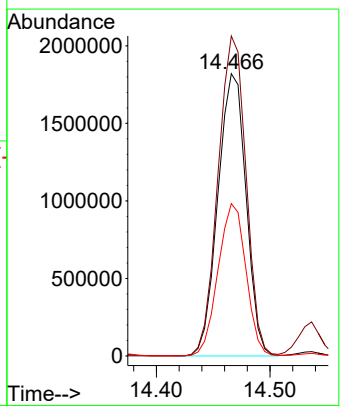
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

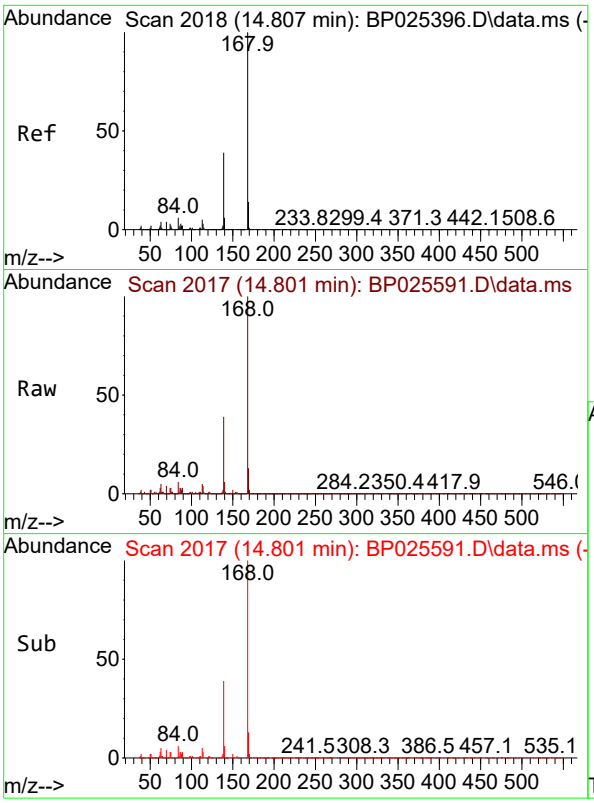


#52
Acenaphthene
Concen: 113.029 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:154 Resp: 3134160

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.2	135.2
152	54.0	42.1	63.1

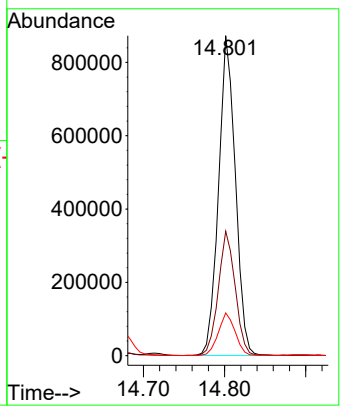




#55
Dibenzofuran
Concen: 28.658 ng
RT: 14.801 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:168 Resp: 125633

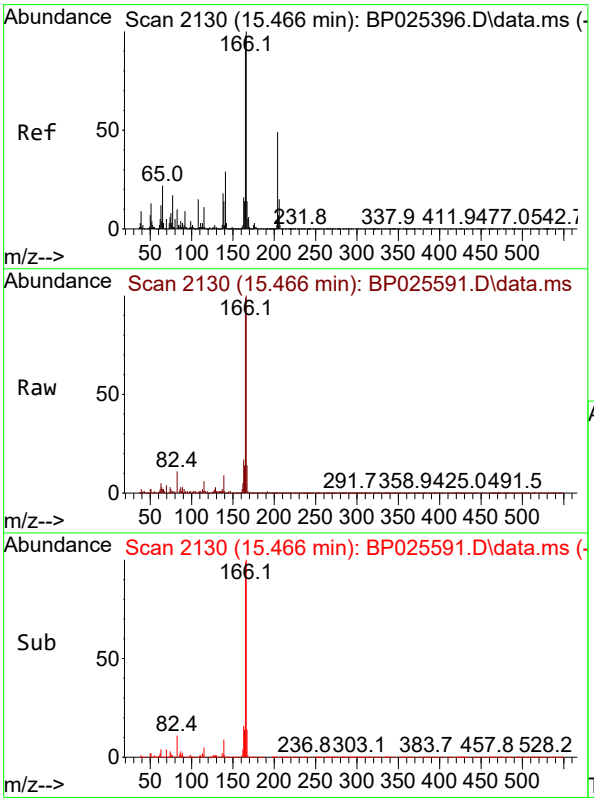
Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.5	47.3
169	13.4	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

Manual Integrations
APPROVED

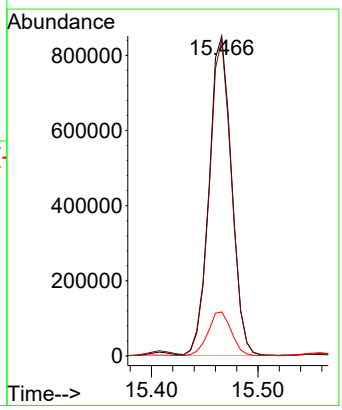
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

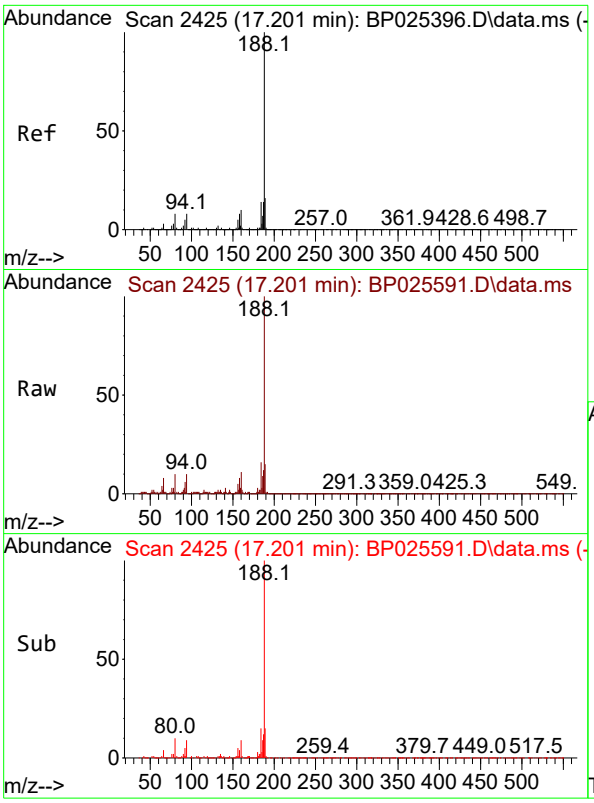


#58
Fluorene
Concen: 36.062 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:166 Resp: 1247471

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.8	118.2
167	13.8	11.0	16.4

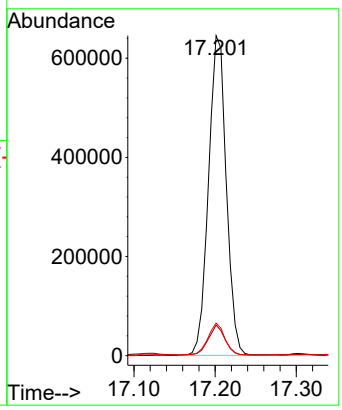




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:188 Resp: 97853

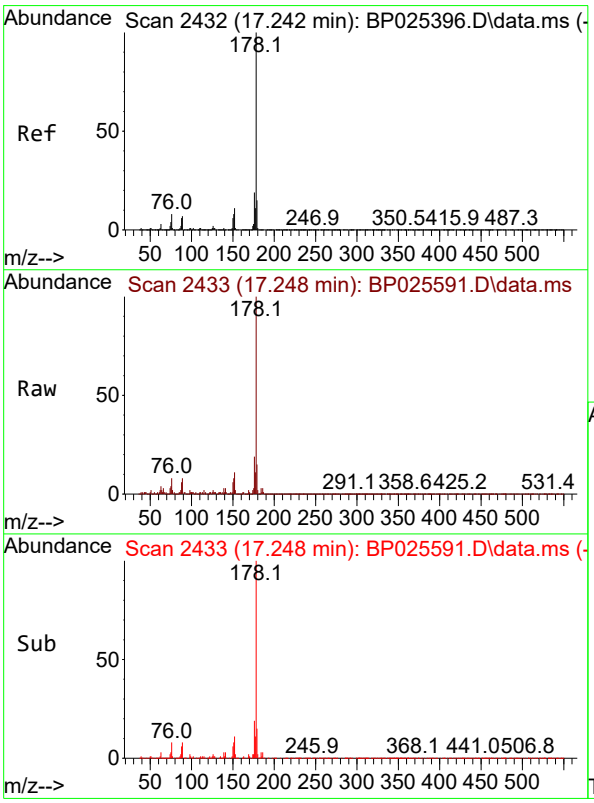
Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.6	10.0
80	10.2	6.7	10.1



Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

Manual Integrations
APPROVED

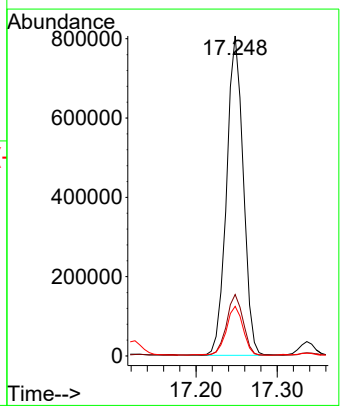
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

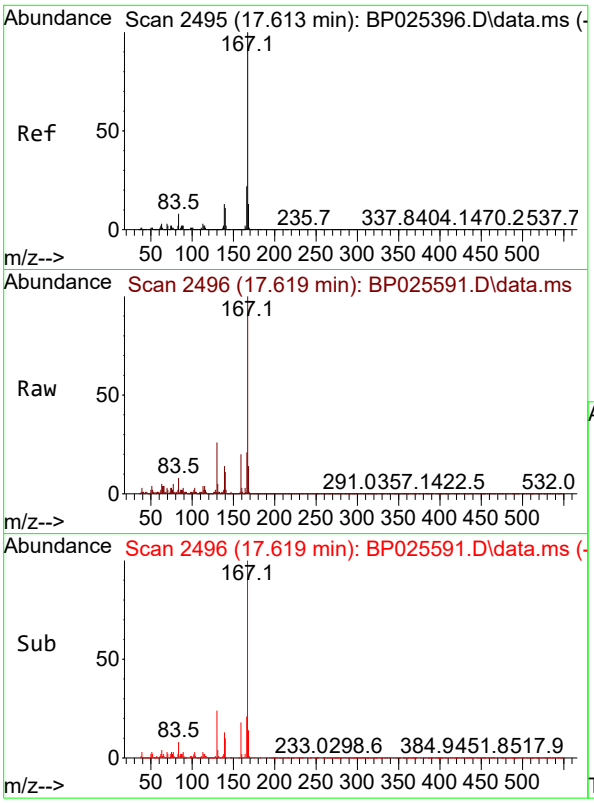


#71
Phenanthrene
Concen: 21.450 ng
RT: 17.248 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:178 Resp: 1153013

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.5	12.2	18.4

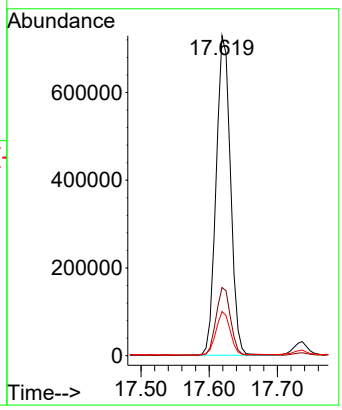




#73
Carbazole
Concen: 20.675 ng
RT: 17.619 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:167 Resp: 106901

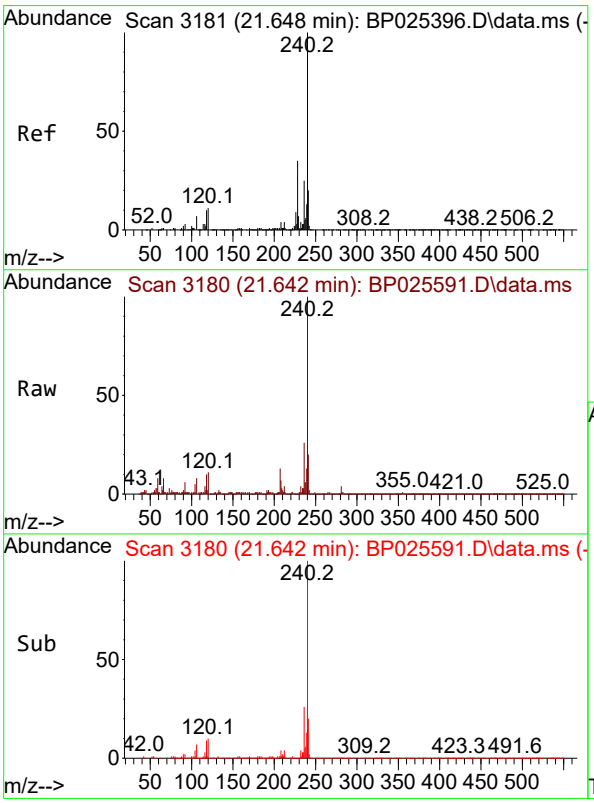
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.5	26.3
139	13.8	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

Manual Integrations
APPROVED

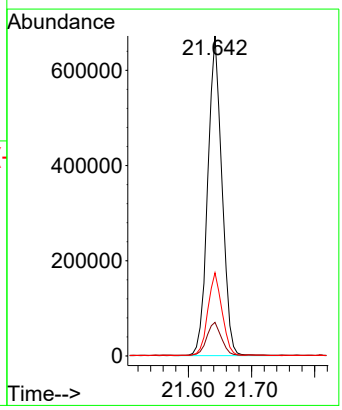
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

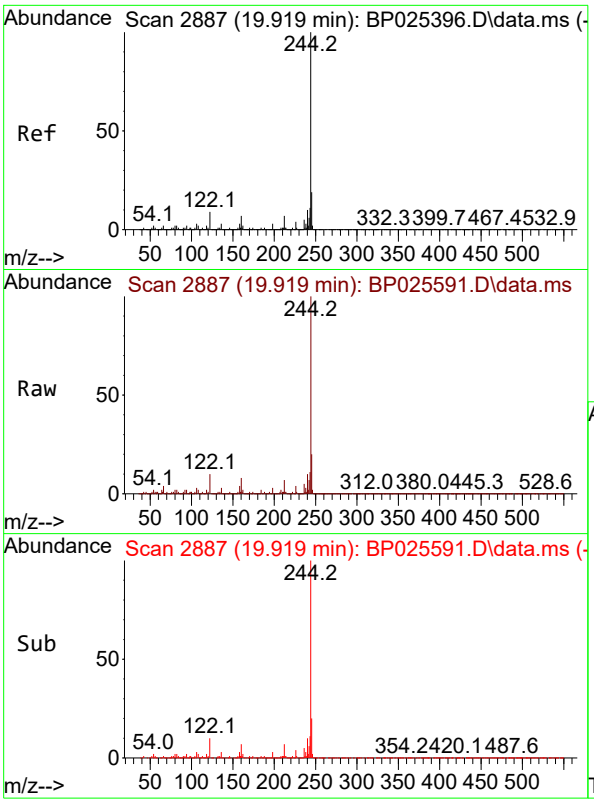


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:240 Resp: 1047856

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.9	13.3
236	26.0	19.8	29.8

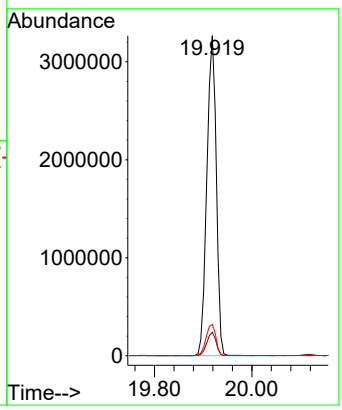




#79
Terphenyl-d14
Concen: 76.113 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:244 Resp: 435925

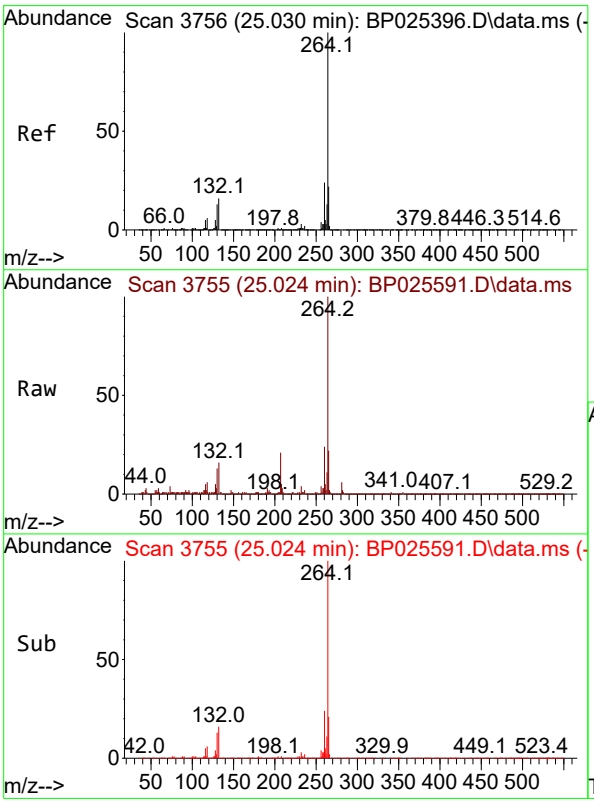
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.7	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

Manual Integrations
APPROVED

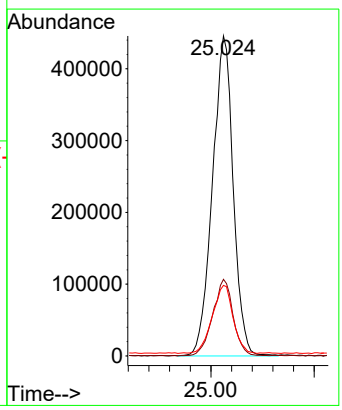
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3755
Delta R.T. -0.006 min
Lab File: BP025591.D
Acq: 26 Aug 2025 18:41

Tgt Ion:264 Resp: 1242891

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	22.1	17.4	26.0



Sample Results: **BP025591.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025591.D
Acq On : 26 Aug 2025 18:41
Operator : CG/JU
Sample : Q2936-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

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

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

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

Signal : TIC: BP025591.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	13	16	22	rVB	3745405	4333750	3.16%	0.809%
2	5.343	399	409	415	rBV2	25632054	46234735	33.68%	8.635%
3	5.408	415	420	424	rBV	1707314	2491500	1.82%	0.465%
4	5.461	424	429	432	rBV	5440957	9611304	7.00%	1.795%
5	5.825	481	491	503	rBV	6765166	10495460	7.65%	1.960%
6	6.296	564	571	576	rBV	1817013	2692912	1.96%	0.503%
7	6.884	658	671	675	rVV	1181938	1803650	1.31%	0.337%
8	6.943	675	681	684	rVV	2144480	3617969	2.64%	0.676%
9	6.972	684	686	689	rVV	1185194	1664640	1.21%	0.311%
10	7.013	689	693	703	rVB2	1442181	2604156	1.90%	0.486%
11	7.178	713	721	727	rBV	1895613	3046905	2.22%	0.569%
12	7.437	759	765	772	rVV	6880717	11189874	8.15%	2.090%
13	7.896	835	843	850	rBV	3013328	5304440	3.86%	0.991%
14	8.178	878	891	897	rBV2	30614216	79081412	57.61%	14.769%
15	8.872	1004	1009	1013	rBV	1188619	1823907	1.33%	0.341%
16	8.925	1013	1018	1029	rVB2	2130313	4757521	3.47%	0.889%
17	9.190	1057	1063	1068	rVV2	985857	1765927	1.29%	0.330%
18	9.743	1151	1157	1162	rBV	1702827	3212475	2.34%	0.600%
19	9.807	1162	1168	1182	rVB	3545615	6173906	4.50%	1.153%
20	9.960	1182	1194	1204	rBV4	3201906	9534793	6.95%	1.781%
21	10.054	1204	1210	1223	rVB	3535156	9695950	7.06%	1.811%
22	10.190	1223	1233	1241	rBV2	642970	1419809	1.03%	0.265%
23	10.666	1285	1314	1318	rBV3	32241545	137259546	100.00%	25.635%
24	10.743	1321	1327	1334	rVB	8726584	14720502	10.72%	2.749%
25	11.090	1377	1386	1391	rBV4	987292	2372395	1.73%	0.443%
26	11.154	1391	1397	1403	rVB2	857376	1855067	1.35%	0.346%
27	11.384	1426	1436	1446	rVB3	629503	1485807	1.08%	0.277%
28	11.637	1474	1479	1488	rVV3	524404	1510693	1.10%	0.282%
29	11.931	1521	1529	1538	rVB2	1339153	2654161	1.93%	0.496%
30	12.107	1554	1559	1564	rVB	955623	1434749	1.05%	0.268%
31	12.213	1569	1577	1583	rBV	9230312	14787639	10.77%	2.762%
32	12.319	1589	1595	1603	rBV3	651373	1664076	1.21%	0.311%
33	12.443	1603	1616	1622	rVV	13238557	24654764	17.96%	4.605%
34	13.007	1706	1712	1719	rVB	5090938	7780200	5.67%	1.453%
35	13.225	1741	1749	1755	rVB	1612966	2449404	1.78%	0.457%
36	13.566	1801	1807	1814	rVB2	1087909	2433649	1.77%	0.455%

Sample Results: **BP025591.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025591.D
Acq On : 26 Aug 2025 18:41
Operator : CG/JU
Sample : Q2936-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

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

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

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

37	13.713	1825	1832	1837	rBV	1385274	2619578	1.91%	0.489%
38	14.395	1940	1948	1953	rVB2	1197837	2500830	1.82%	0.467%
39	14.466	1953	1960	1966	rBV	7308137	12500189	9.11%	2.335%
40	14.595	1976	1982	1990	rVB	2566119	3892415	2.84%	0.727%
41	14.801	2012	2017	2027	rVB	2034276	3253461	2.37%	0.608%
42	14.972	2029	2046	2051	rBV	3981540	11414725	8.32%	2.132%
43	15.307	2097	2103	2108	rVV3	971539	2037736	1.48%	0.381%
44	15.466	2124	2130	2139	rVB	2897019	5076496	3.70%	0.948%
45	15.619	2148	2156	2162	rVB3	673946	1725190	1.26%	0.322%
46	15.778	2178	2183	2192	rVB4	676577	1716848	1.25%	0.321%
47	15.913	2200	2206	2216	rVB2	4412632	7700410	5.61%	1.438%
48	16.166	2241	2249	2255	rBV7	1061667	2778157	2.02%	0.519%
49	16.454	2293	2298	2309	rVB2	1832916	3823298	2.79%	0.714%
50	16.772	2346	2352	2363	rVB	784575	1483536	1.08%	0.277%
51	17.125	2403	2412	2420	rVB2	3009334	6559480	4.78%	1.225%
52	17.201	2421	2425	2429	rBV2	1539560	2411029	1.76%	0.450%
53	17.248	2429	2433	2437	rVB	1852431	2551255	1.86%	0.476%
54	17.619	2486	2496	2502	rBV2	2249445	4037472	2.94%	0.754%
55	19.919	2881	2887	2892	rBV	8592516	11589279	8.44%	2.164%
56	21.642	3175	3180	3188	rVB	1823223	2900098	2.11%	0.542%
57	25.024	3748	3755	3768	rVB2	1167375	3250405	2.37%	0.607%

Sum of corrected areas: 535441534

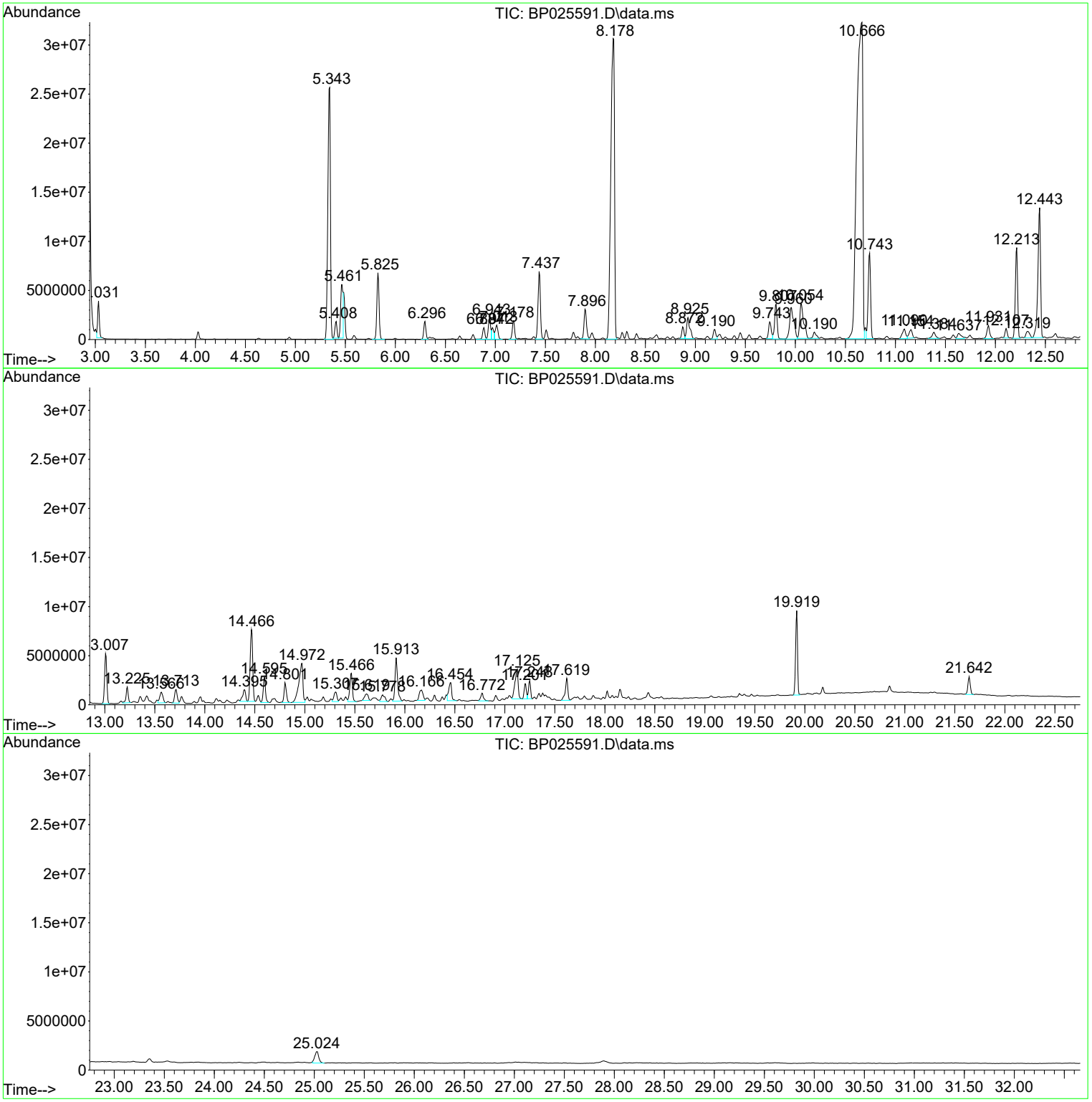
Sample Results: **BP025591.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025591.D
Acq On : 26 Aug 2025 18:41
Operator : CG/JU
Sample : Q2936-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025591.D
Acq On : 26 Aug 2025 18:41
Operator : CG/JU
Sample : Q2936-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

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

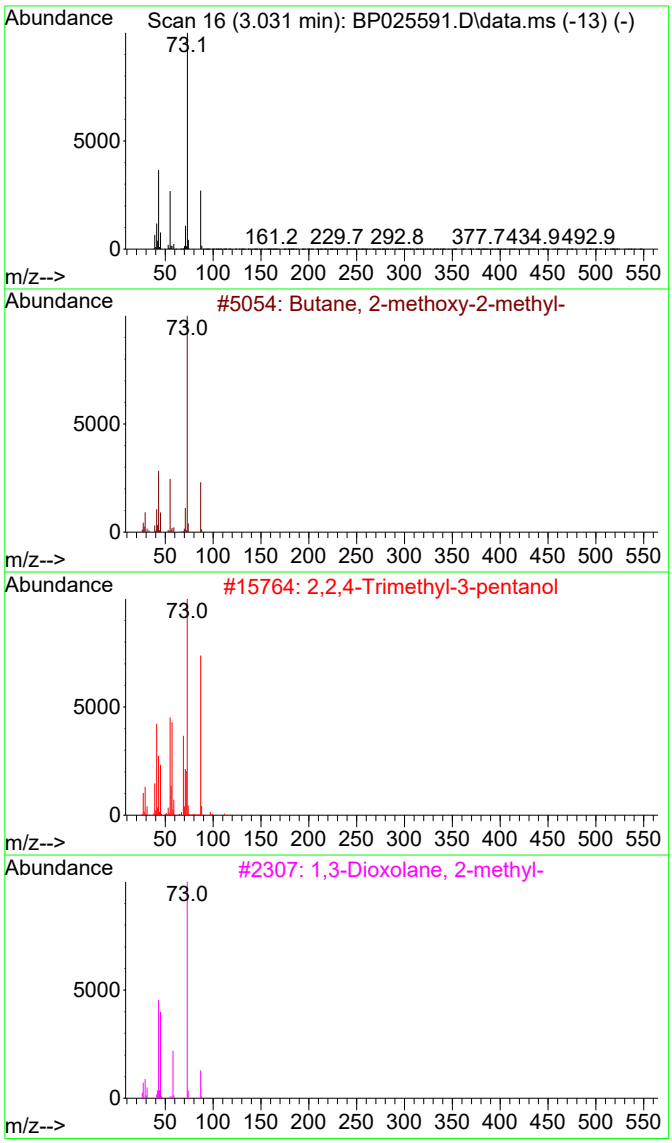
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

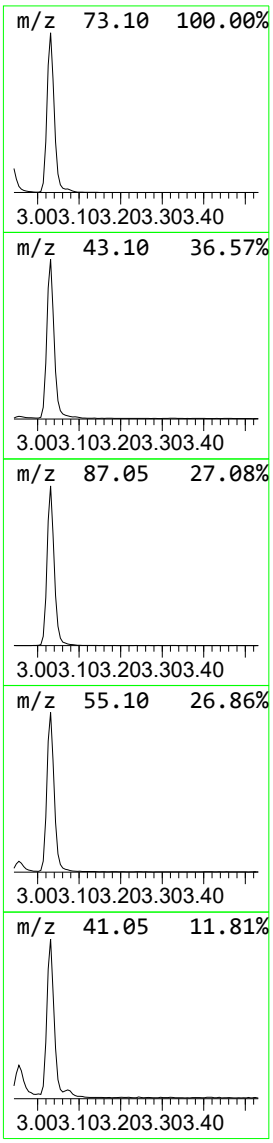
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	16.34 ng	4333750	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025591.D
Acq On : 26 Aug 2025 18:41
Operator : CG/JU
Sample : Q2936-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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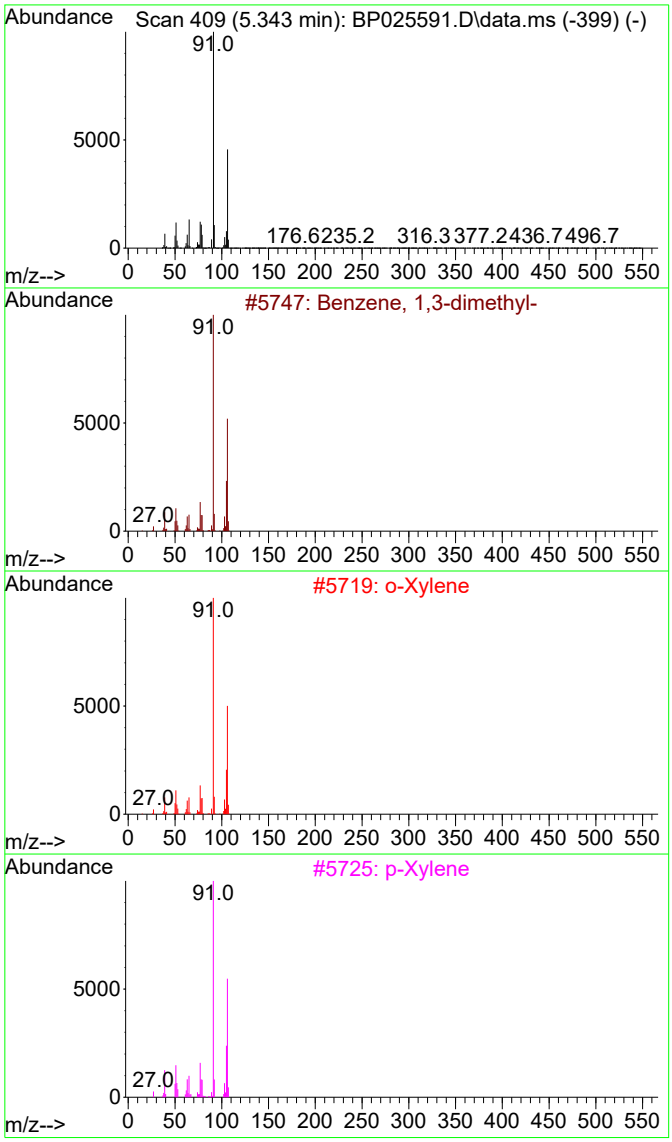
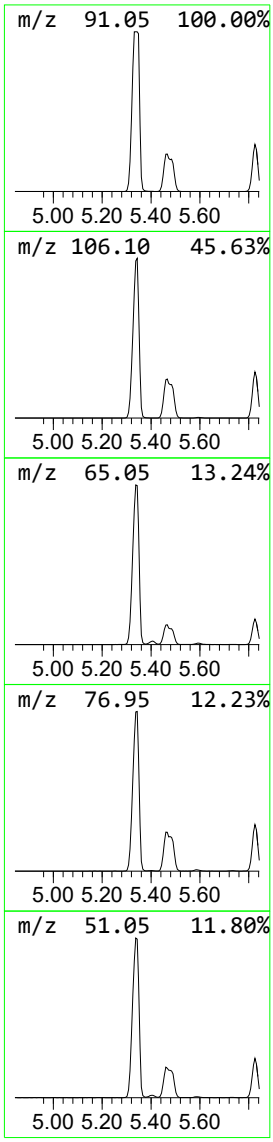
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.343	174.32 ng	46234700	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2	o-Xylene	106	C8H10	000095-47-6	94
3	p-Xylene	106	C8H10	000106-42-3	94
4	Ethylbenzene	106	C8H10	000100-41-4	93
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	83





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

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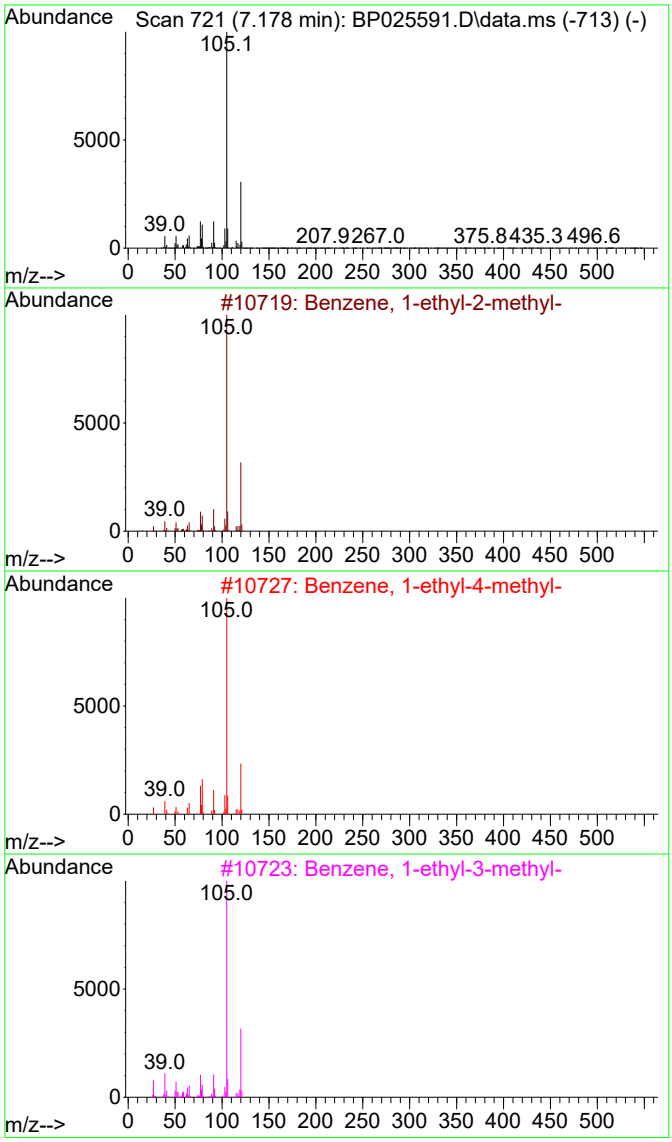
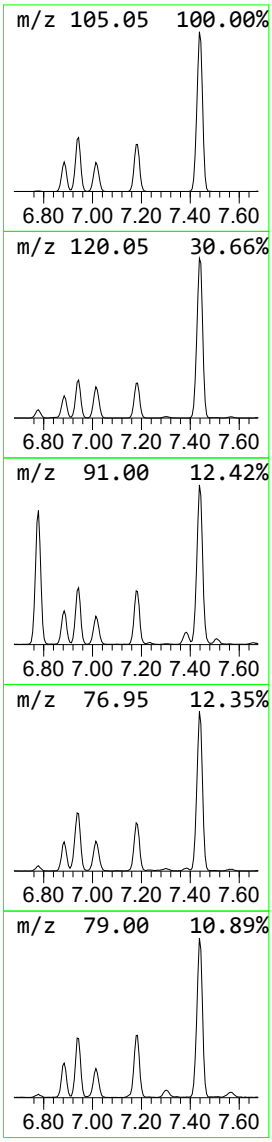
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.178	11.49 ng	3046910	1,4-Dichlorobenzene-d4	7.778

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	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





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

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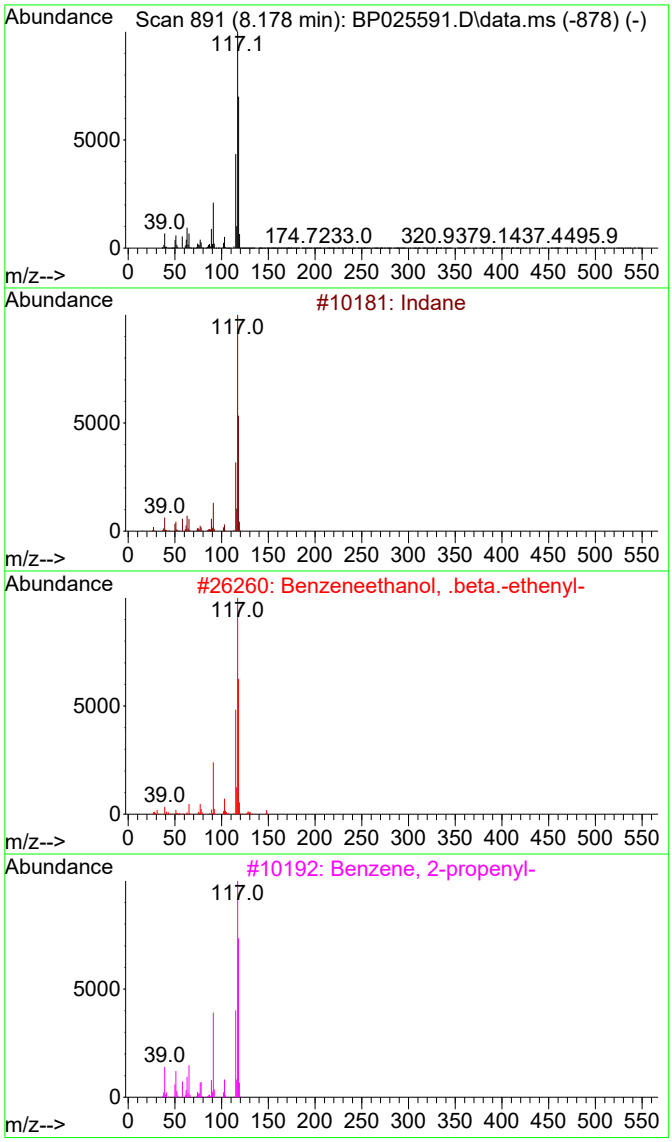
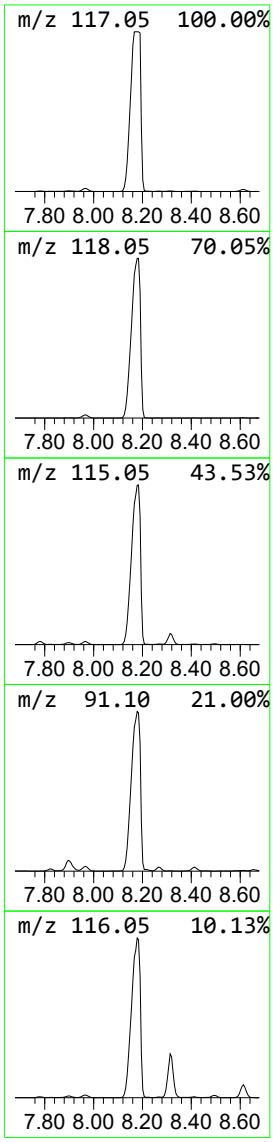
Peak Number 8 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.178	298.17 ng	79081400	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	78
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	62





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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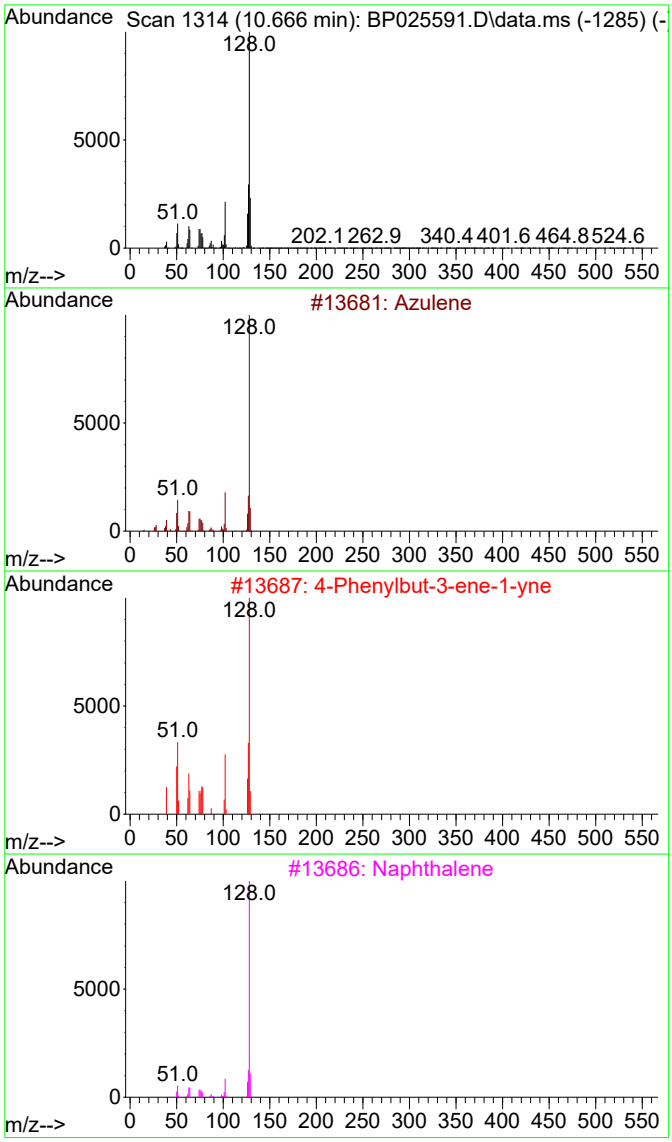
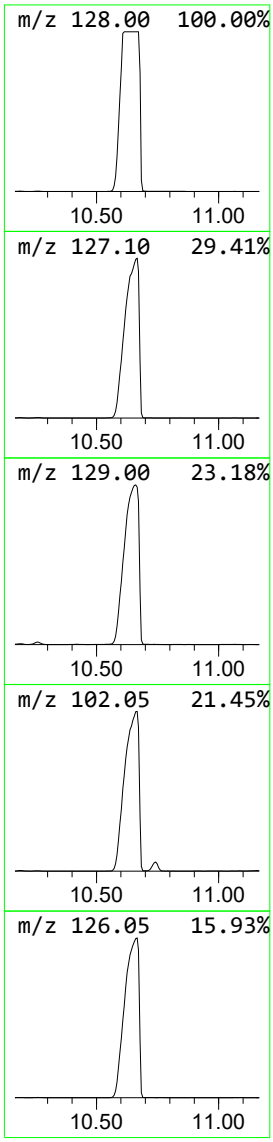
Peak Number 9 Azulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	20.00 ng	137260000	Naphthalene-d8	10.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	87
2	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	83
3	Naphthalene	128	C10H8	000091-20-3	81
4	[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	68
5	1,2-Benzenedicarbonitrile	128	C8H4N2	000091-15-6	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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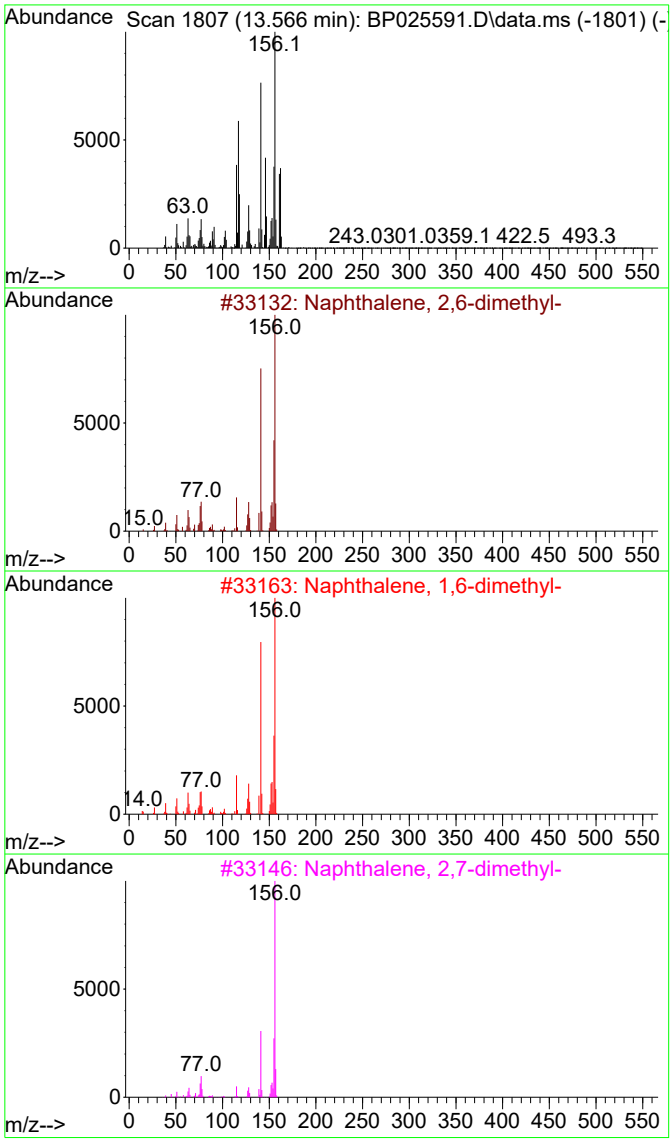
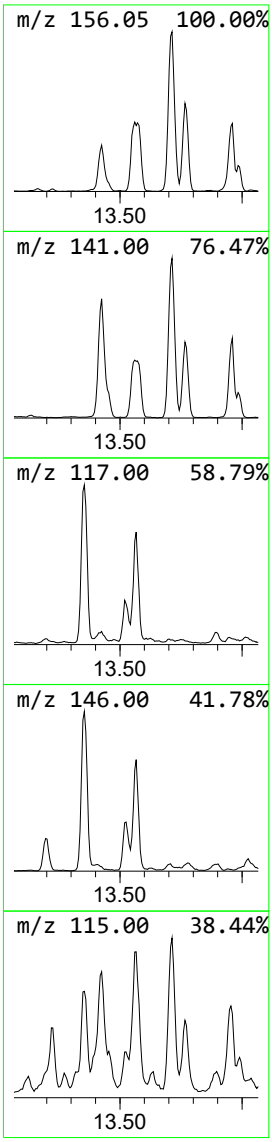
Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.566	19.46 ng	2433650	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	89





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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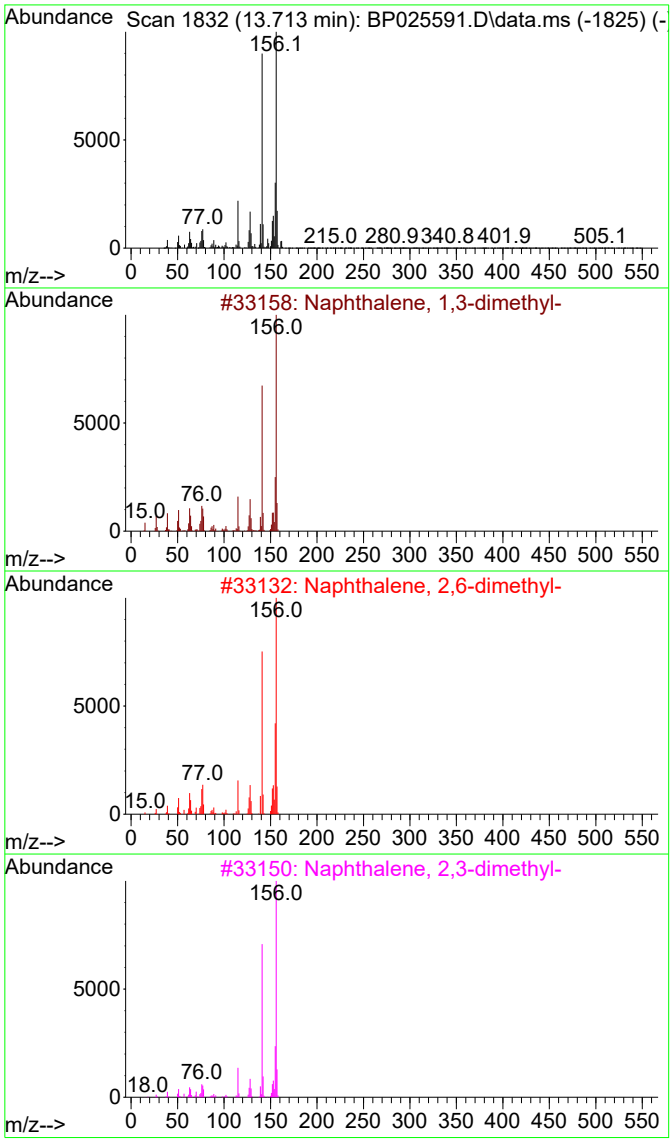
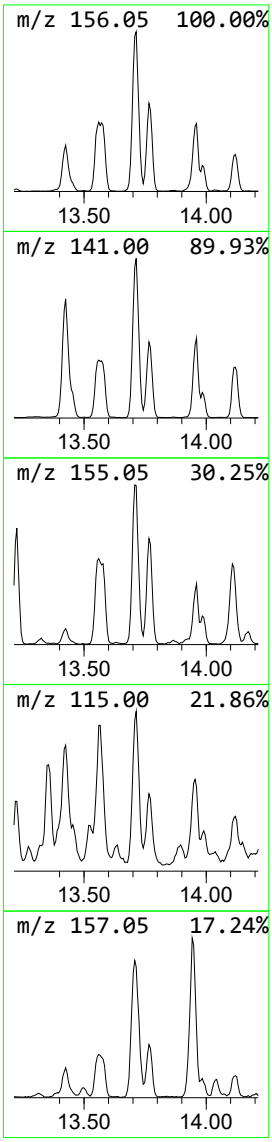
Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.713	20.95 ng	2619580	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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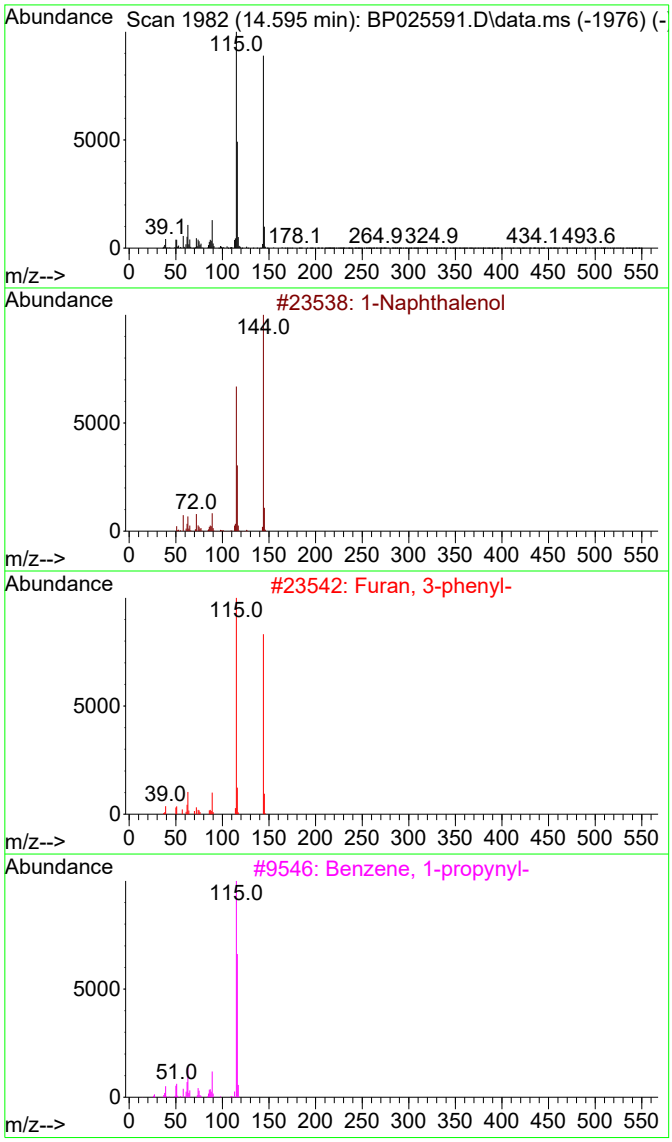
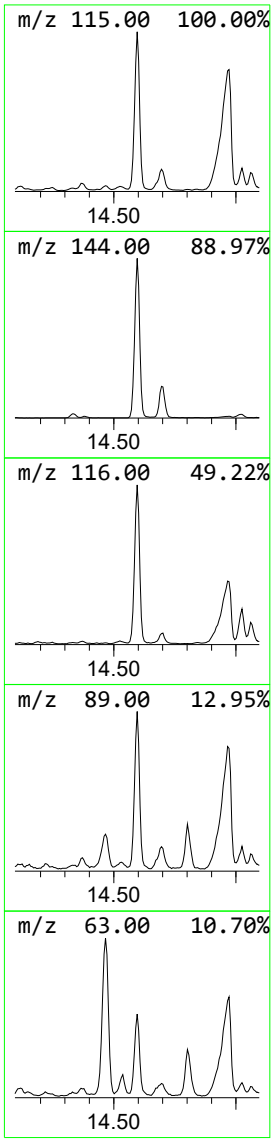
Peak Number 12 1-Naphthalenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.595	31.13 ng	3892420	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol	144	C10H8O	000090-15-3	97
2	Furan, 3-phenyl-	144	C10H8O	013679-41-9	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	92
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	2-Naphthalenol	144	C10H8O	000135-19-3	87





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

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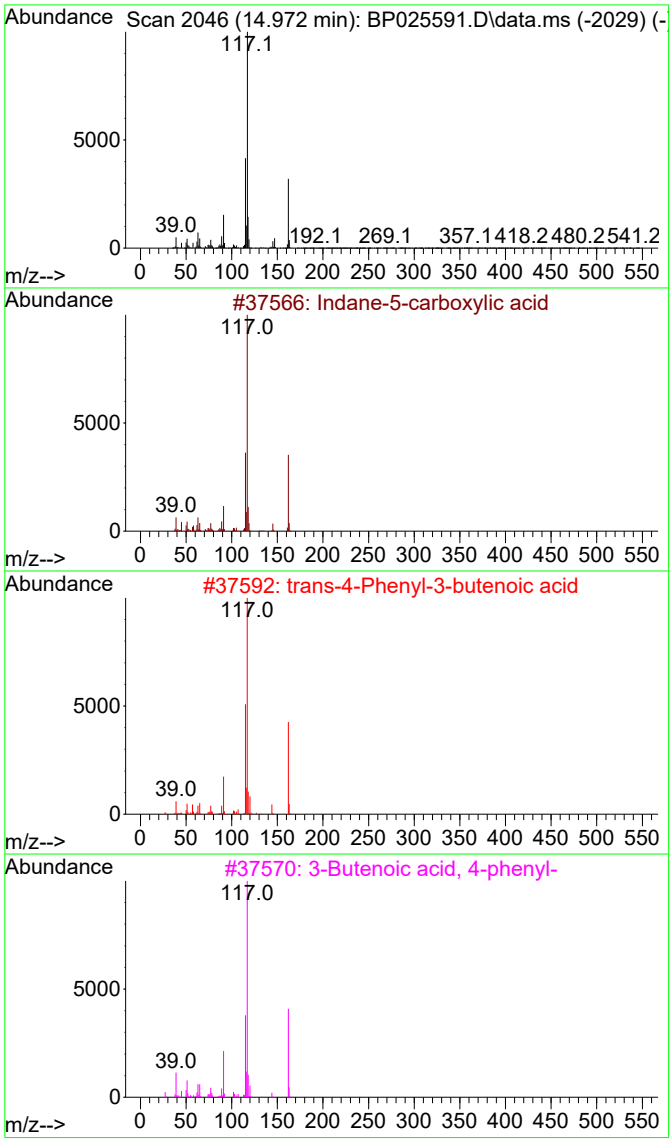
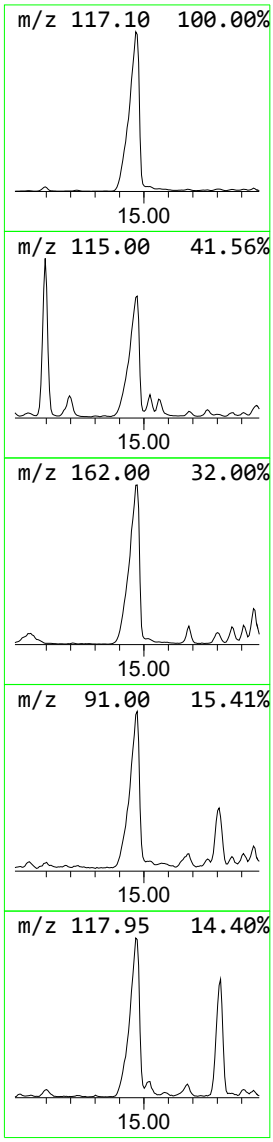
Peak Number 13 Indane-5-carboxylic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.972	91.29 ng	11414700	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	96
2	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	90
3	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	81
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64
5	Benzene, (3-chloroallyl)-	152	C9H9Cl	006268-37-7	59





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TIC Integration Parameters: LSCINT.P

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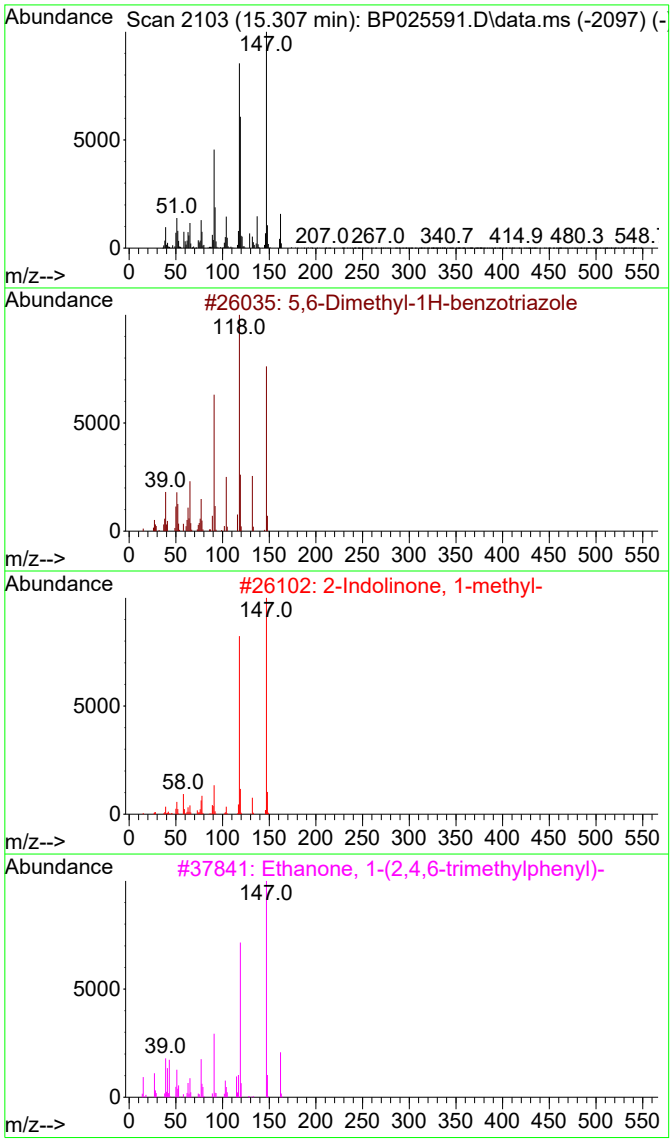
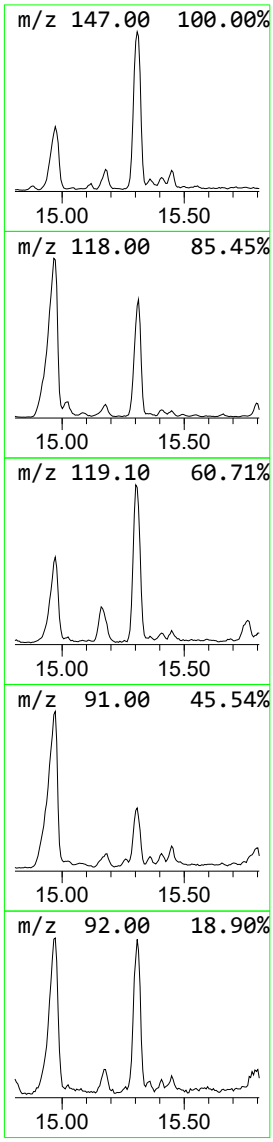
Peak Number 14 5,6-Dimethyl-1H-benzotriazole Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.307	16.30 ng	2037740	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,6-Dimethyl-1H-benzotriazole	147	C8H9N3	004184-79-6	76
2	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	58
3	Ethanone, 1-(2,4,6-trimethylphen...	162	C11H14O	001667-01-2	55
4	2-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-43-8	53
5	5H-1-Pyrindine, 6,7-dihydro-	119	C8H9N	000533-37-9	46





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TIC Integration Parameters: LSCINT.P

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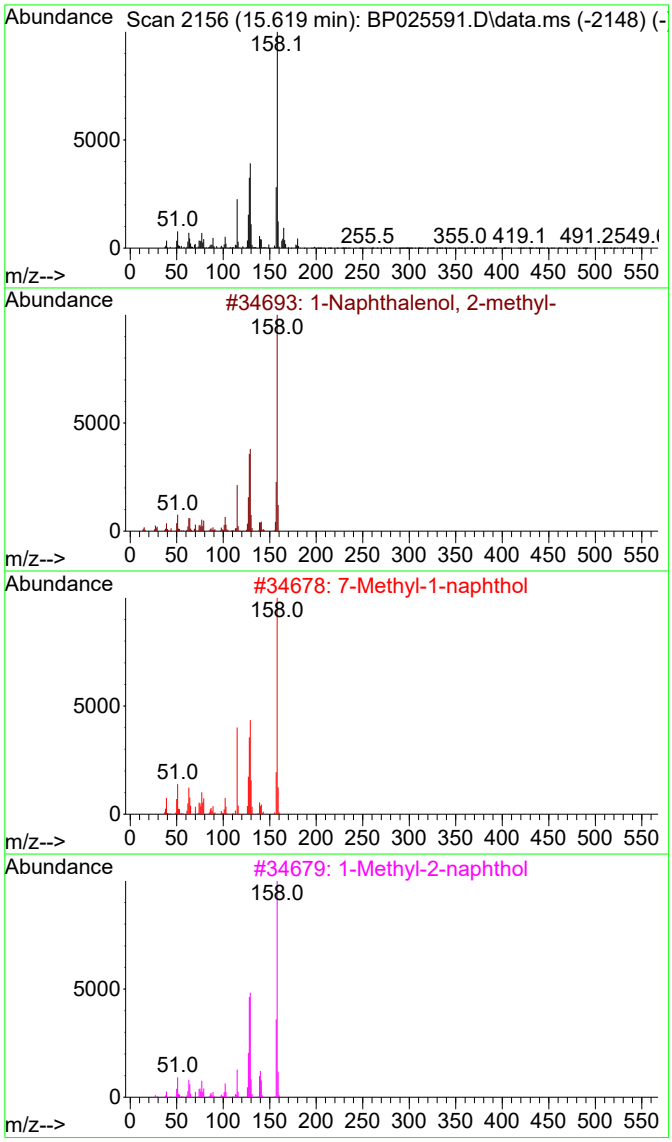
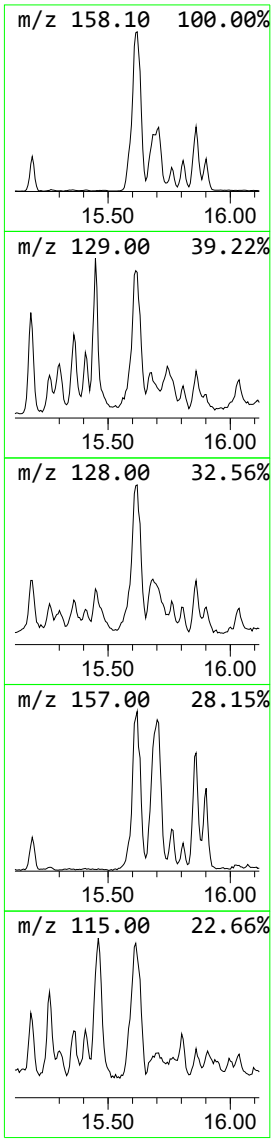
Peak Number 15 1-Naphthalenol, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.619	13.80 ng	1725190	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	95
2	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	93
3	1-Methyl-2-naphthol	158	C11H10O	001076-26-2	83
4	Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	52
5	7-Methylnaphthalen-2-ol	158	C11H10O	026593-50-0	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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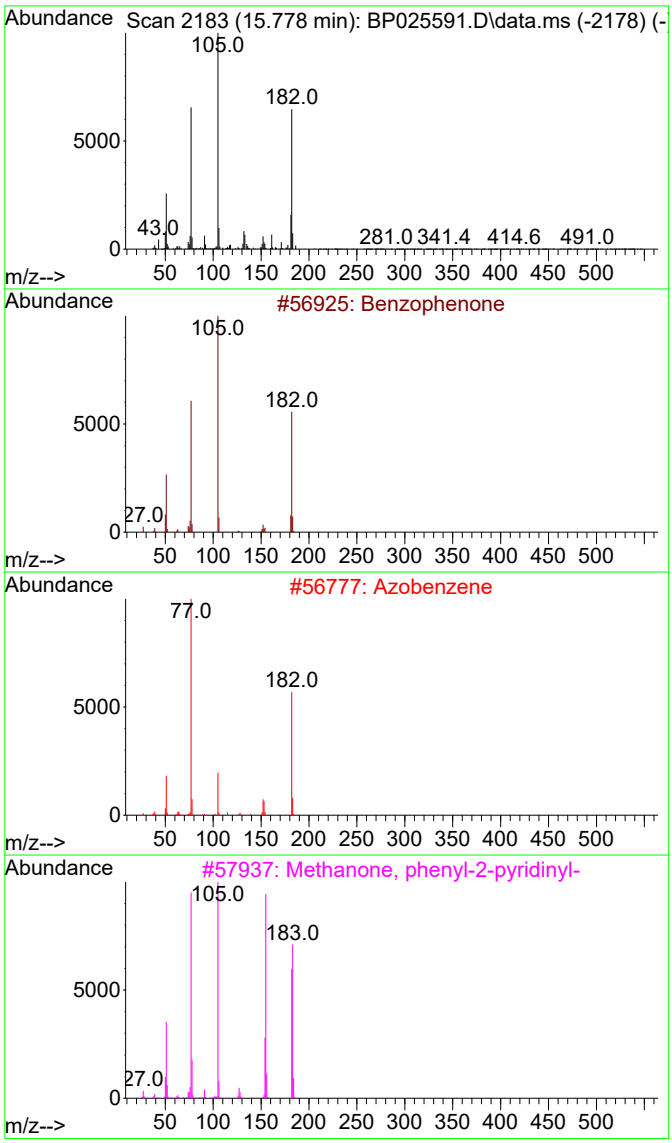
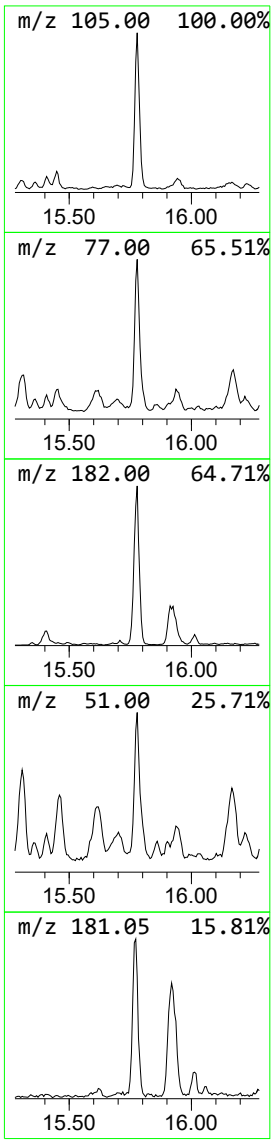
Peak Number 16 Benzophenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	13.73 ng	1716850	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	53
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	38
5	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	25





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Data File : BP025591.D
Acq On : 26 Aug 2025 18:41
Operator : CG/JU
Sample : Q2936-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

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

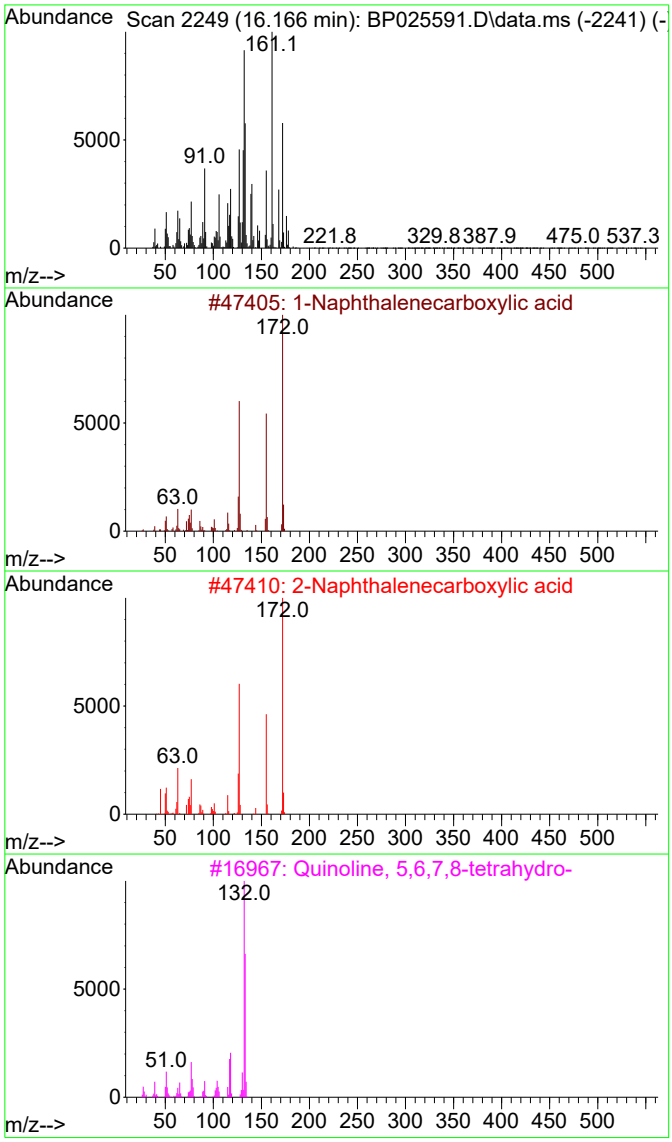
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

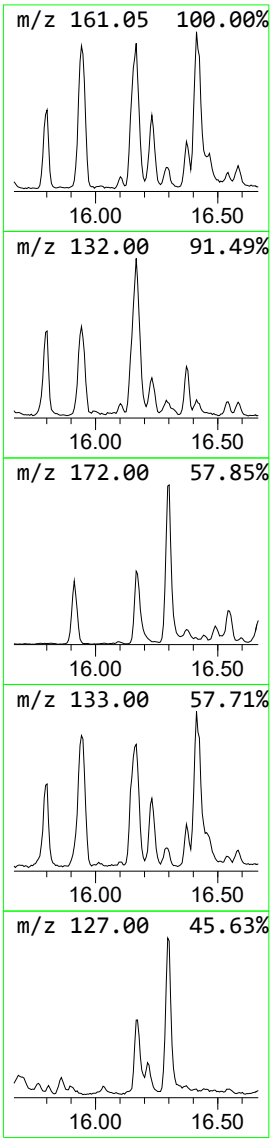
****

Peak Number 17 1-Naphthalenecarboxylic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.166	23.05 ng	2778160	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	53
2	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	46
3	Quinoline, 5,6,7,8-tetrahydro-	133	C9H11N	010500-57-9	35
4	1(2H)-Quinolinecarboxamide, 3,4-...	176	C10H12N2O	1000319-35-2	35
5	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	35





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Data File : BP025591.D
Acq On : 26 Aug 2025 18:41
Operator : CG/JU
Sample : Q2936-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

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

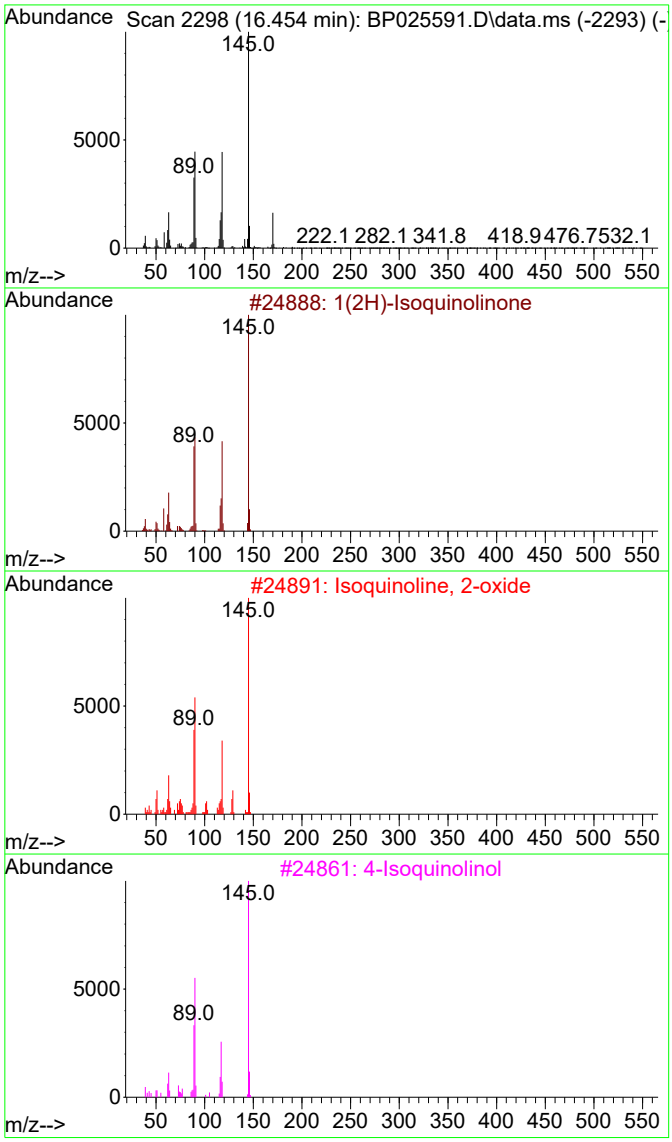
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

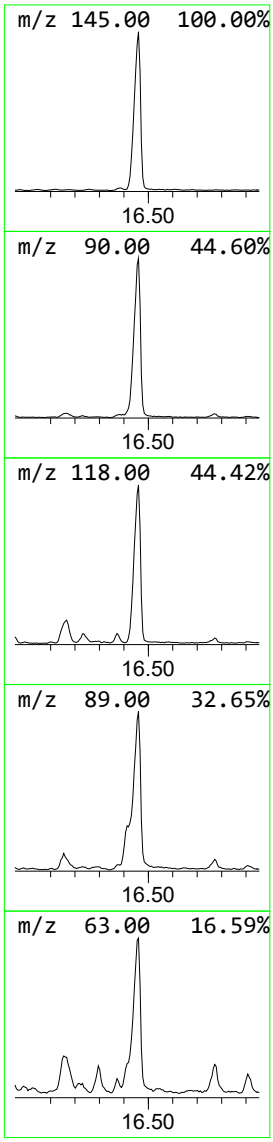
****

Peak Number 18 1(2H)-Isoquinolinone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.454	31.72 ng	3823300	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	95
2	Isoquinoline, 2-oxide	145	C9H7NO	001532-72-5	87
3	4-Isoquinolinol	145	C9H7NO	003336-49-0	76
4	4-Quinolinol	145	C9H7NO	000611-36-9	70
5	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025591.D
Acq On : 26 Aug 2025 18:41
Operator : CG/JU
Sample : Q2936-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

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

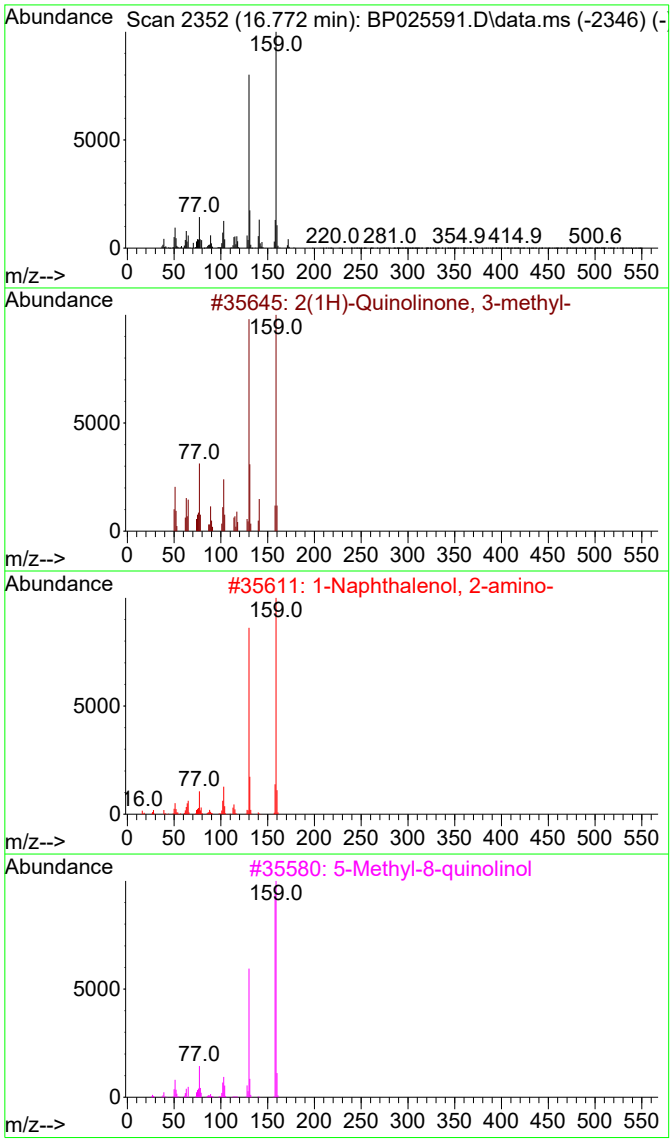
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

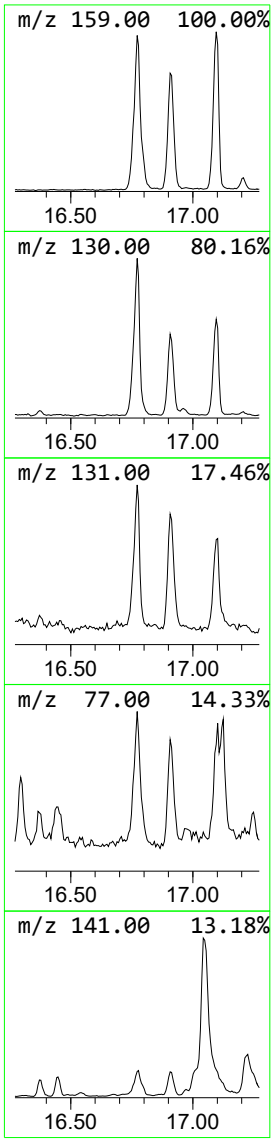
****

Peak Number 19 2(1H)-Quinolinone, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.772	12.31 ng	1483540	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	93
2	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	93
3	5-Methyl-8-quinolinol	159	C10H9NO	005541-67-3	91
4	2-(Aminomethylidene)-2,3-dihydro...	159	C10H9NO	053394-92-6	90
5	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025591.D
Acq On : 26 Aug 2025 18:41
Operator : CG/JU
Sample : Q2936-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

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

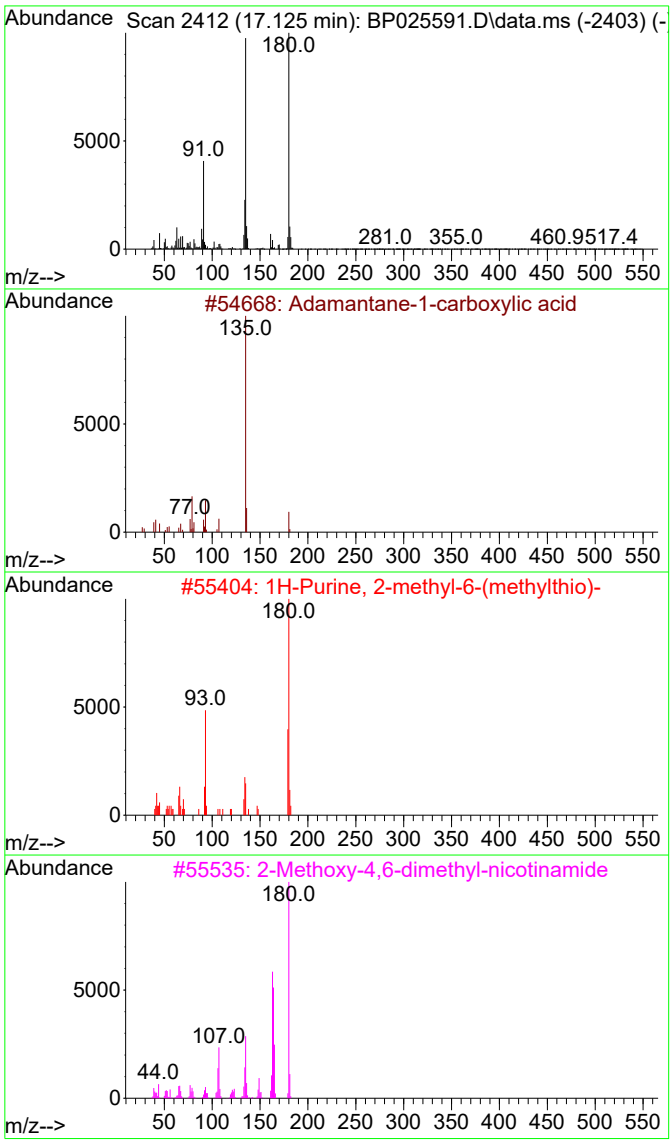
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

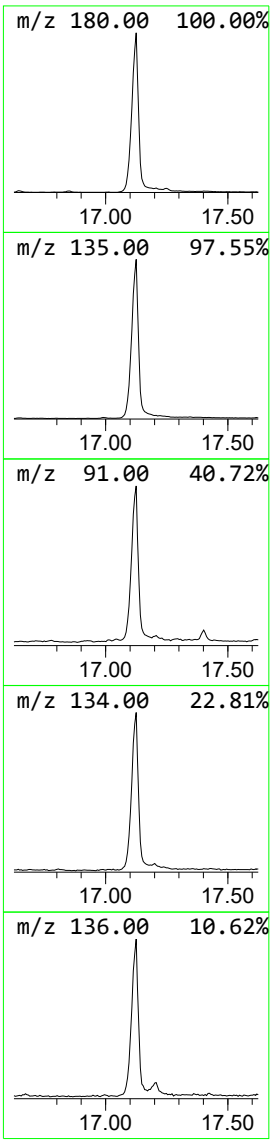
****

Peak Number 20 Adamantane-1-carboxylic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.125	54.41 ng	6559480	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	64
2	1H-Purine, 2-methyl-6-(methylthio)-	180	C7H8N4S	001008-47-5	43
3	2-Methoxy-4,6-dimethyl-nicotinamide	180	C9H12N2O2	309755-79-1	43
4	6-Nitrobenzothiazole	180	C7H4N2O2S	002942-06-5	38
5	5-Nitrobenz[d]isothiazole	180	C7H4N2O2S	060768-66-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025591.D
Acq On : 26 Aug 2025 18:41
Operator : CG/JU
Sample : Q2936-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.031	16.3	ng	4333750	1	7.778	5304440	20.0
Benzene, 1,3-di...	5.343	174.3	ng	46234700	1	7.778	5304440	20.0
Benzene, 1-ethy...	7.178	11.5	ng	3046910	1	7.778	5304440	20.0
Indane	8.178	298.2	ng	79081400	1	7.778	5304440	20.0
Azulene	10.666	20.0	ng	137260000	2	10.566	137260000	20.0
Naphthalene, 2,...	13.566	19.5	ng	2433650	3	14.395	2500830	20.0
Naphthalene, 1,...	13.713	20.9	ng	2619580	3	14.395	2500830	20.0
1-Naphthalenol	14.595	31.1	ng	3892420	3	14.395	2500830	20.0
Indane-5-carbox...	14.972	91.3	ng	11414700	3	14.395	2500830	20.0
5,6-Dimethyl-1H...	15.307	16.3	ng	2037740	3	14.395	2500830	20.0
1-Naphthalenol,...	15.619	13.8	ng	1725190	3	14.395	2500830	20.0
Benzophenone	15.778	13.7	ng	1716850	3	14.395	2500830	20.0
1-Naphthaleneca...	16.166	23.1	ng	2778160	4	17.201	2411030	20.0
1(2H)-Isoquinol...	16.454	31.7	ng	3823300	4	17.201	2411030	20.0
2(1H)-Quinolino...	16.772	12.3	ng	1483540	4	17.201	2411030	20.0
Adamantane-1-ca...	17.125	54.4	ng	6559480	4	17.201	2411030	20.0

Raw Data: **BP025604.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025604.D	20	08/22/25 10:34	08/27/25 15:41	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	220	UD	86.9	220	ug/L
108-95-2	Phenol	110	UD	20.2	110	ug/L
111-44-4	bis(2-Chloroethyl)ether	110	UD	18.0	110	ug/L
95-57-8	2-Chlorophenol	110	UD	12.9	110	ug/L
95-48-7	2-Methylphenol	110	UD	24.9	110	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	110	UD	28.4	110	ug/L
98-86-2	Acetophenone	110	UD	16.4	110	ug/L
65794-96-9	3+4-Methylphenols	220	UD	24.4	220	ug/L
621-64-7	n-Nitroso-di-n-propylamine	55.6	UD	31.3	55.6	ug/L
67-72-1	Hexachloroethane	110	UD	14.4	110	ug/L
98-95-3	Nitrobenzene	110	UD	16.9	110	ug/L
78-59-1	Isophorone	110	UD	16.7	110	ug/L
88-75-5	2-Nitrophenol	110	UD	39.1	110	ug/L
105-67-9	2,4-Dimethylphenol	54.5	JD	41.1	110	ug/L
111-91-1	bis(2-Chloroethoxy)methane	110	UD	15.1	110	ug/L
120-83-2	2,4-Dichlorophenol	110	UD	11.6	110	ug/L
91-20-3	Naphthalene	4100	ED	11.1	110	ug/L
106-47-8	4-Chloroaniline	110	UD	18.7	110	ug/L
87-68-3	Hexachlorobutadiene	110	UD	12.0	110	ug/L
105-60-2	Caprolactam	220	UD	25.1	220	ug/L
59-50-7	4-Chloro-3-methylphenol	110	UD	13.1	110	ug/L
91-57-6	2-Methylnaphthalene	200	D	12.4	110	ug/L
77-47-4	Hexachlorocyclopentadiene	220	UD	80.7	220	ug/L
88-06-2	2,4,6-Trichlorophenol	110	UD	11.3	110	ug/L
95-95-4	2,4,5-Trichlorophenol	110	UD	13.8	110	ug/L
92-52-4	1,1-Biphenyl	110	UD	11.8	110	ug/L
91-58-7	2-Chloronaphthalene	110	UD	13.6	110	ug/L
88-74-4	2-Nitroaniline	110	UD	28.0	110	ug/L
131-11-3	Dimethylphthalate	110	UD	13.6	110	ug/L

Raw Data: **BP025604.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025604.D	20	08/22/25 10:34	08/27/25 15:41	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	110	UD	16.7	110	ug/L
606-20-2	2,6-Dinitrotoluene	110	UD	20.4	110	ug/L
99-09-2	3-Nitroaniline	110	UD	23.3	110	ug/L
83-32-9	Acenaphthene	140	D	12.2	110	ug/L
51-28-5	2,4-Dinitrophenol	220	UD	130	220	ug/L
100-02-7	4-Nitrophenol	220	UD	52.9	220	ug/L
132-64-9	Dibenzofuran	110	UD	13.6	110	ug/L
121-14-2	2,4-Dinitrotoluene	110	UD	27.1	110	ug/L
84-66-2	Diethylphthalate	110	UD	15.3	110	ug/L
7005-72-3	4-Chlorophenyl-phenylether	110	UD	15.1	110	ug/L
86-73-7	Fluorene	110	UD	14.0	110	ug/L
100-01-6	4-Nitroaniline	110	UD	33.3	110	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	220	UD	64.0	220	ug/L
86-30-6	n-Nitrosodiphenylamine	110	UD	12.9	110	ug/L
101-55-3	4-Bromophenyl-phenylether	110	UD	8.90	110	ug/L
118-74-1	Hexachlorobenzene	110	UD	11.6	110	ug/L
1912-24-9	Atrazine	110	UD	22.4	110	ug/L
87-86-5	Pentachlorophenol	220	UD	35.1	220	ug/L
85-01-8	Phenanthrene	110	UD	11.1	110	ug/L
120-12-7	Anthracene	110	UD	13.6	110	ug/L
86-74-8	Carbazole	110	UD	16.0	110	ug/L
84-74-2	Di-n-butylphthalate	110	UD	27.1	110	ug/L
206-44-0	Fluoranthene	110	UD	18.2	110	ug/L
129-00-0	Pyrene	110	UD	11.1	110	ug/L
85-68-7	Butylbenzylphthalate	110	UD	42.9	110	ug/L
91-94-1	3,3-Dichlorobenzidine	220	UD	20.7	220	ug/L
56-55-3	Benzo(a)anthracene	110	UD	10.0	110	ug/L
218-01-9	Chrysene	110	UD	9.80	110	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	110	UD	35.6	110	ug/L
117-84-0	Di-n-octyl phthalate	220	UD	52.0	220	ug/L
205-99-2	Benzo(b)fluoranthene	110	UD	10.9	110	ug/L

Raw Data: **BP025604.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025604.D	20	08/22/25 10:34	08/27/25 15:41	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	110	UD	10.7	110	ug/L
50-32-8	Benzo(a)pyrene	110	UD	12.2	110	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	110	UD	13.1	110	ug/L
53-70-3	Dibenzo(a,h)anthracene	110	UD	14.9	110	ug/L
191-24-2	Benzo(g,h,i)perylene	110	UD	15.3	110	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	110	UD	11.6	110	ug/L
123-91-1	1,4-Dioxane	110	UD	22.2	110	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	110	UD	16.0	110	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	68.0		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	39.2		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	70.9		67 - 132	71%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.3		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	127		44 - 137	85%	SPK: 150
1718-51-0	Terphenyl-d14	81.5		42 - 152	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	152000	7.772			
1146-65-2	Naphthalene-d8	613000	10.543			
15067-26-2	Acenaphthene-d10	392000	14.389			
1517-22-2	Phenanthrene-d10	798000	17.189			
1719-03-5	Chrysene-d12	899000	21.636			
1520-96-3	Perylene-d12	1040000	25.024			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025604.D
Acq On : 27 Aug 2025 15:41
Operator : CG/JU
Sample : Q2936-02DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Quant Time: Aug 27 16:02:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

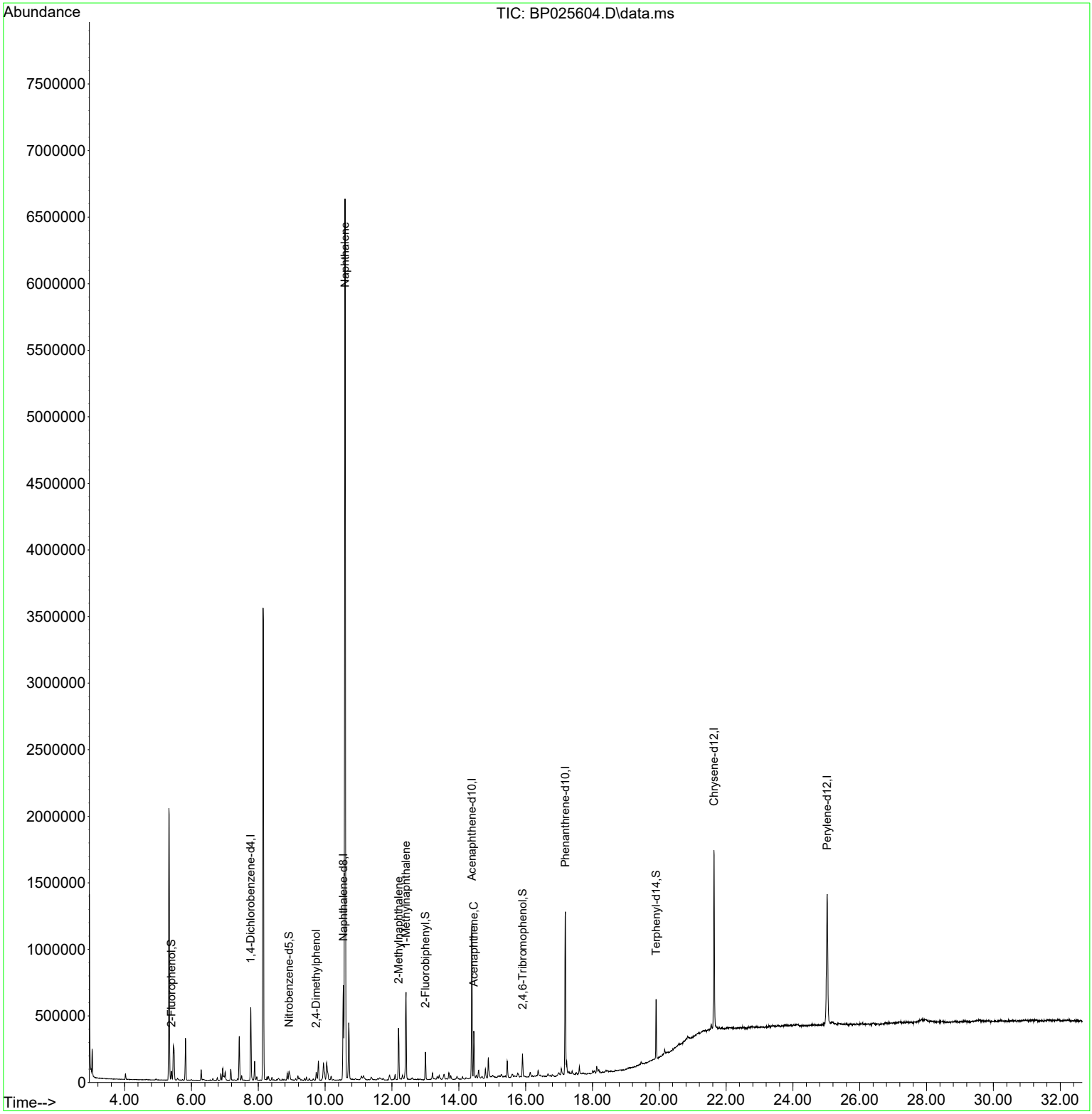
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	151725	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	613134	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	392479	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	797526	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	898906	20.000	ng	-0.01
86) Perylene-d12	25.024	264	1044774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	31061	3.400	ng	0.00
7) Phenol-d6	6.966	99	22977	1.962	ng	0.00
23) Nitrobenzene-d5	8.919	82	42994	3.547	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	33533	6.348	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	112477	3.917	ng	-0.02
79) Terphenyl-d14	19.907	244	200178	4.074	ng	-0.01
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.731	122	23444	2.452	ng	95
31) Naphthalene	10.596	128	5863129	183.982	ng	100
37) 2-Methylnaphthalene	12.195	142	188858	9.107	ng	100
38) 1-Methylnaphthalene	12.419	142	320842	14.547	ng	97
52) Acenaphthene	14.448	154	136537	6.335	ng	99

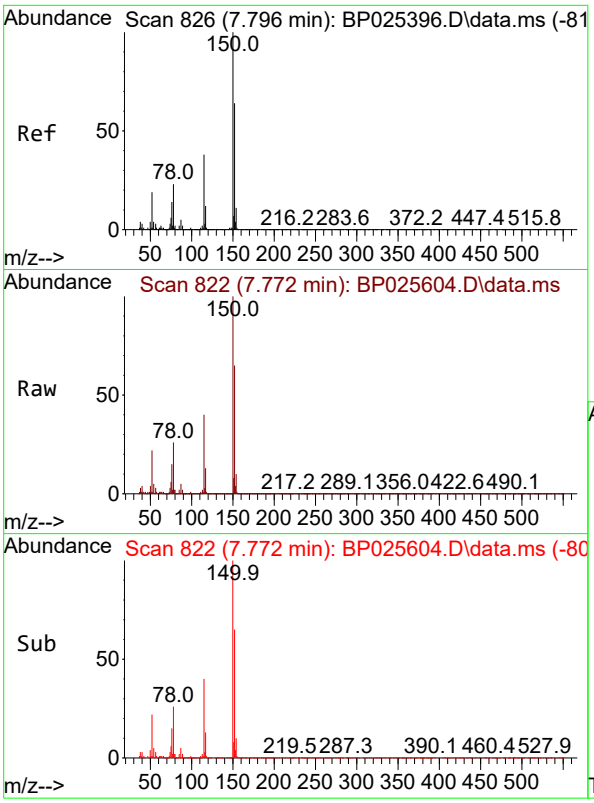
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025604.D
Acq On : 27 Aug 2025 15:41
Operator : CG/JU
Sample : Q2936-02DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Quant Time: Aug 27 16:02:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



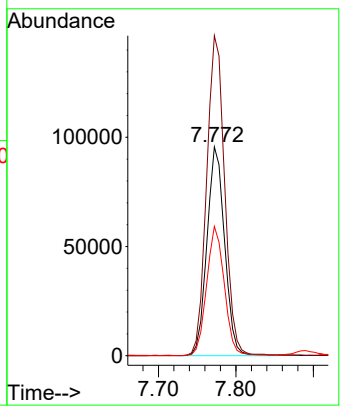


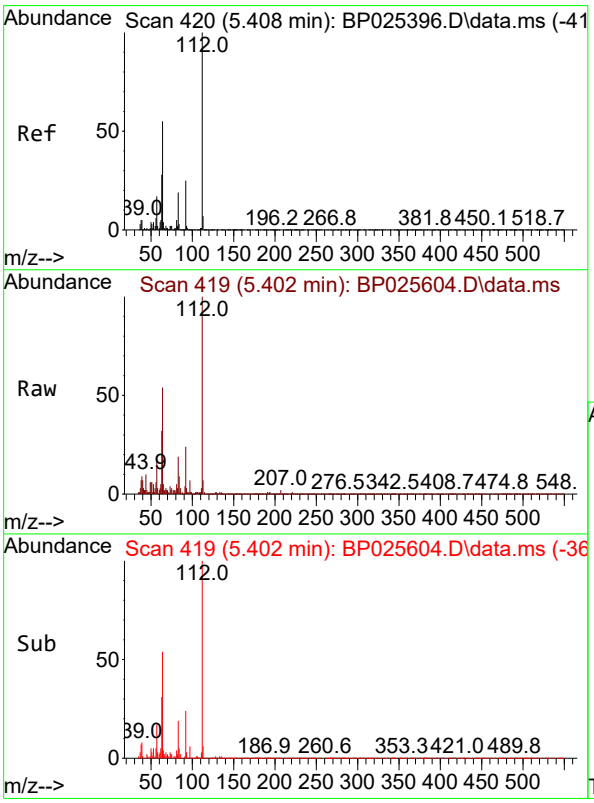
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion:152 Resp: 151725

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.9	188.9
115	61.9	48.5	72.7

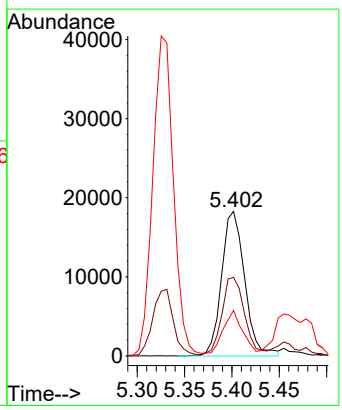


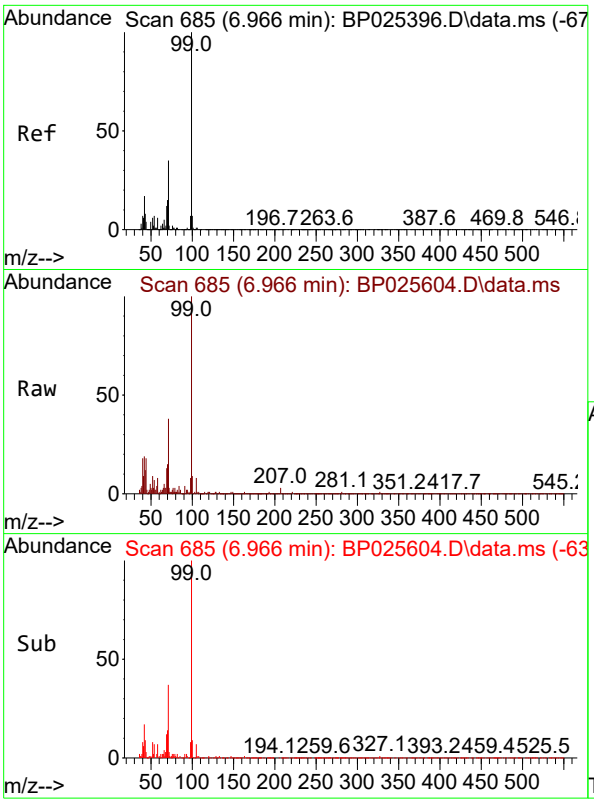


#5
2-Fluorophenol
Concen: 3.400 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:112 Resp: 31061

Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.8	65.8
63	31.5	22.7	34.1



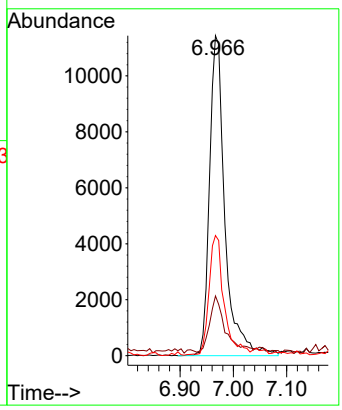


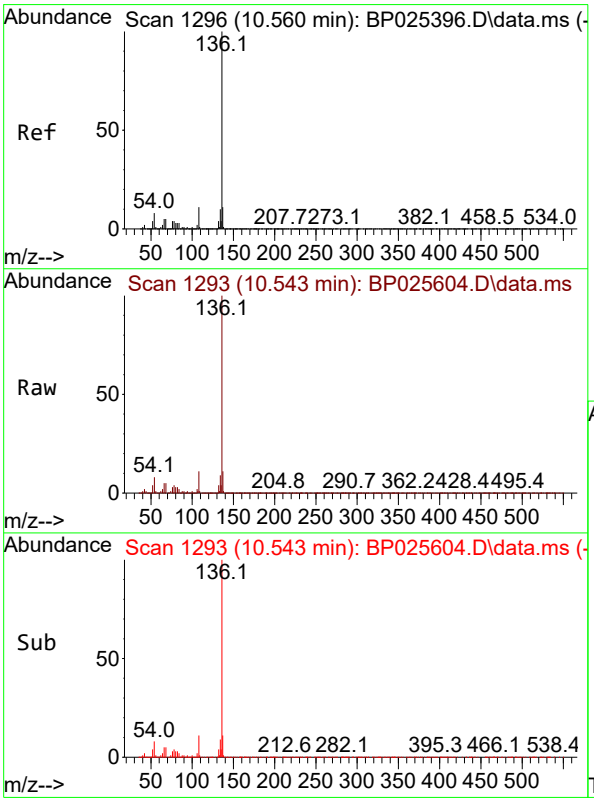
#7
Phenol-d6
Concen: 1.962 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion: 99 Resp: 22977

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.7	20.5
71	37.6	28.2	42.4

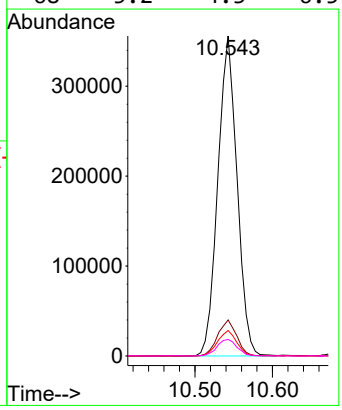


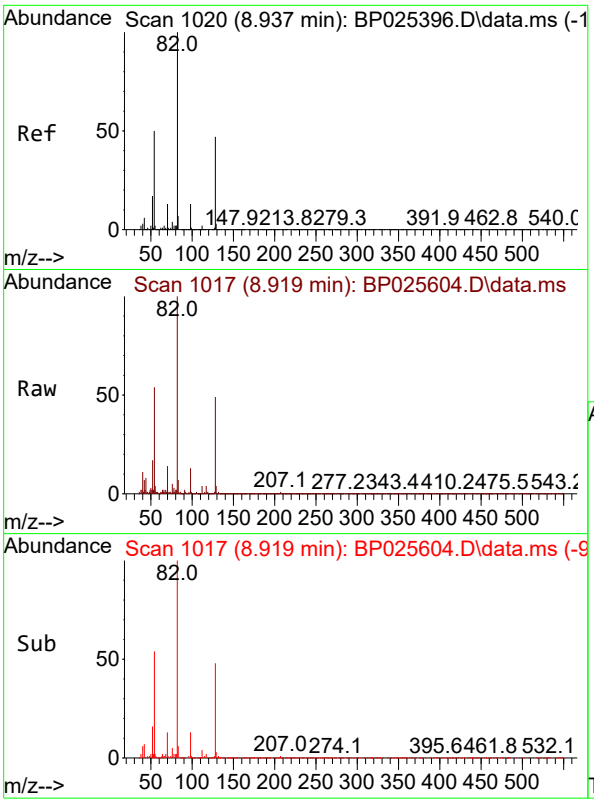


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:136 Resp: 613134

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.0	6.0	9.0
68	5.2	4.3	6.5



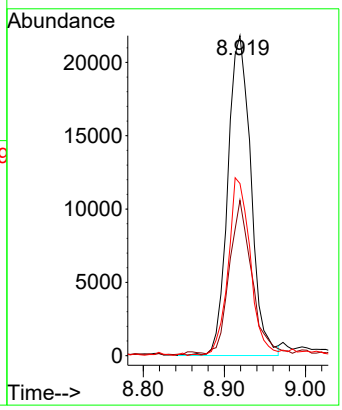


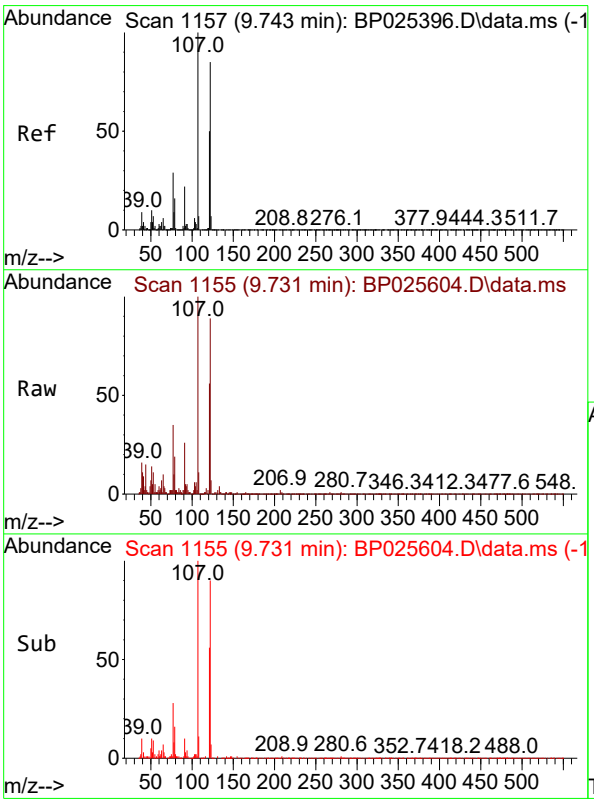
#23
Nitrobenzene-d5
Concen: 3.547 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion: 82 Resp: 42994

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.7	56.5
54	53.8	39.8	59.6

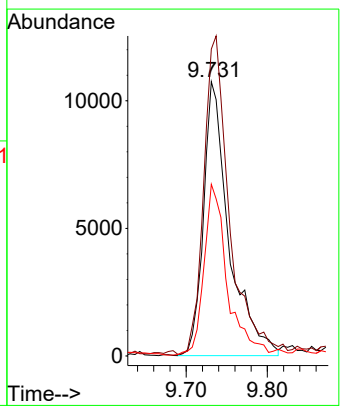


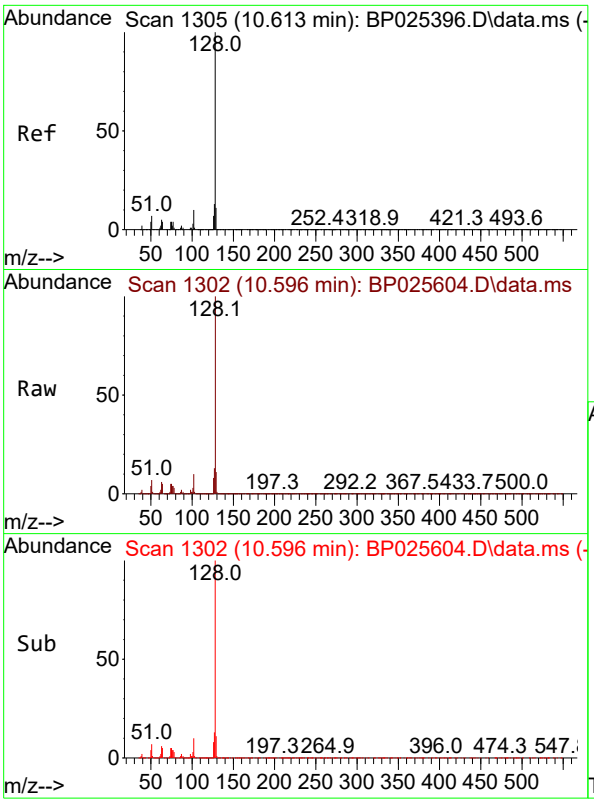


#27
2,4-Dimethylphenol
Concen: 2.452 ng
RT: 9.731 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:122 Resp: 23444

Ion	Ratio	Lower	Upper
122	100		
107	111.9	93.7	140.5
121	62.6	46.6	69.8



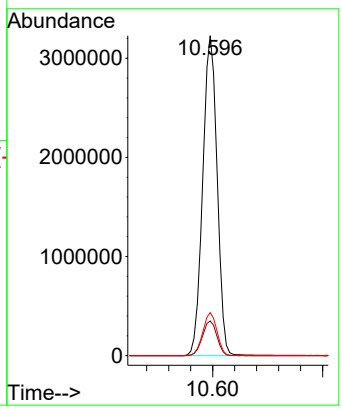


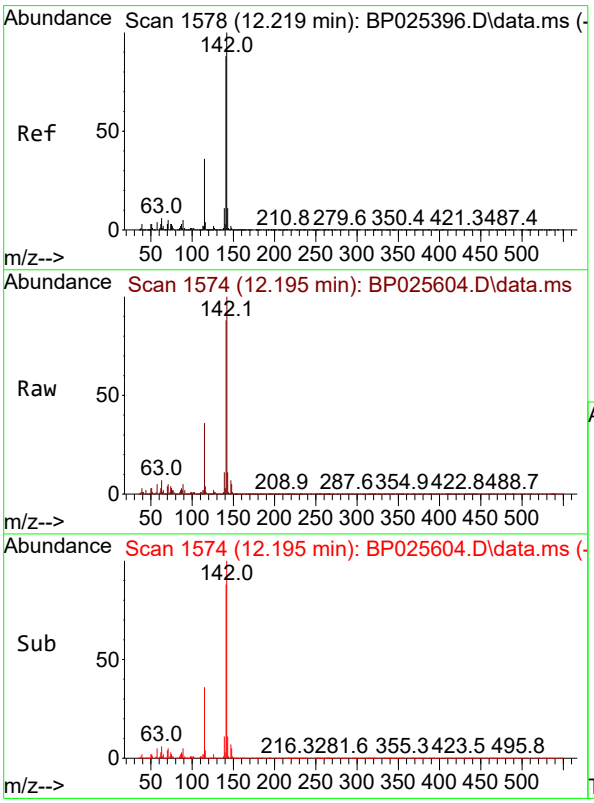
#31
Naphthalene
Concen: 183.982 ng
RT: 10.596 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion:128 Resp: 5863129

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.5	10.7	16.1

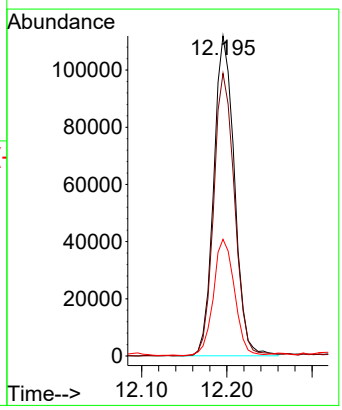


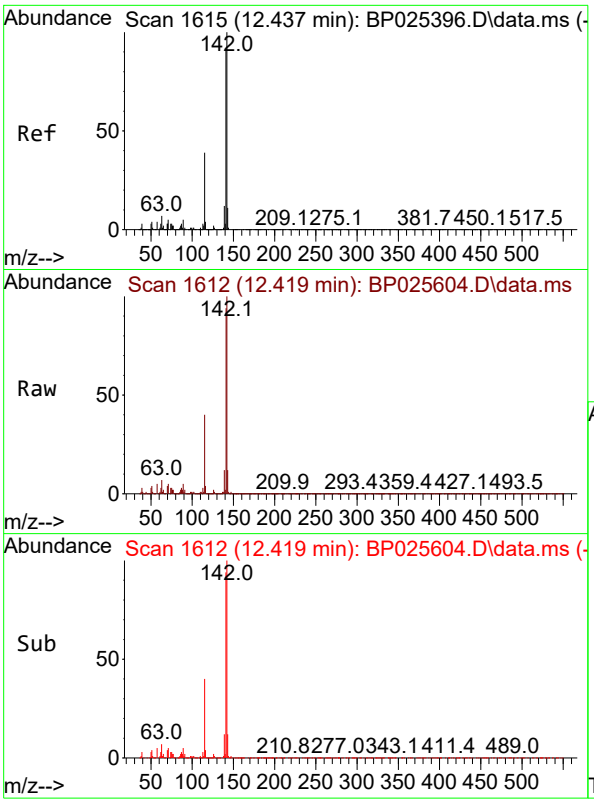


#37
2-Methylnaphthalene
Concen: 9.107 ng
RT: 12.195 min Scan# 1574
Delta R.T. -0.023 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:142 Resp: 188858

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5
115	36.5	28.9	43.3



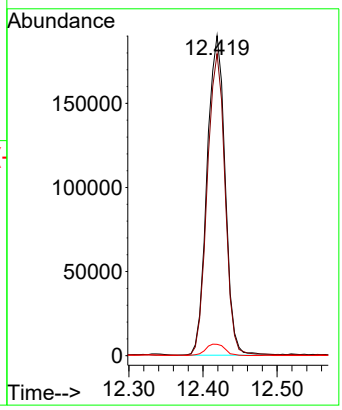


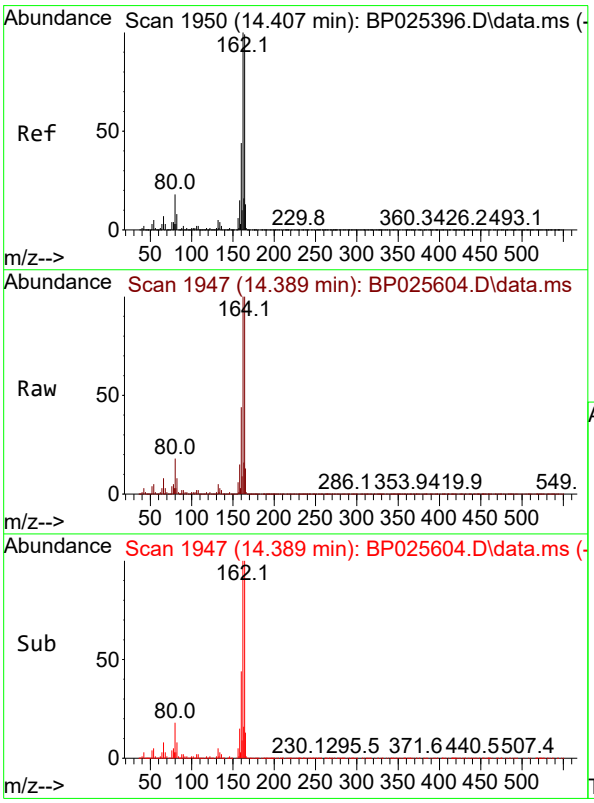
#38
1-Methylnaphthalene
Concen: 14.547 ng
RT: 12.419 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion:142 Resp: 320842

Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.1	109.7
116	3.6	3.2	4.8

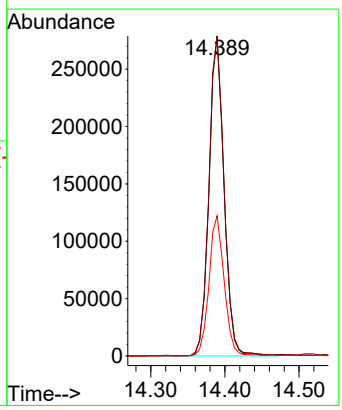


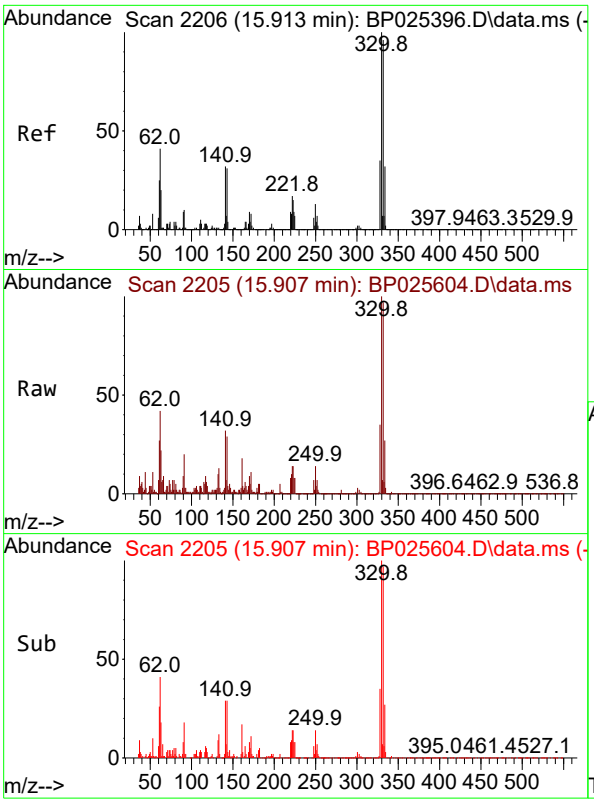


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:164 Resp: 392479

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.0	121.6
160	43.9	35.4	53.2



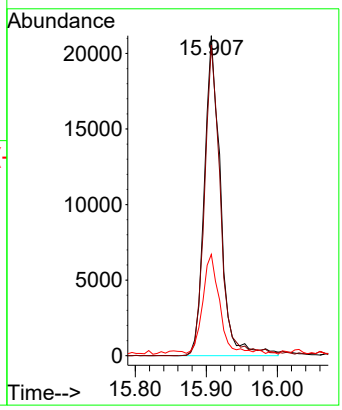


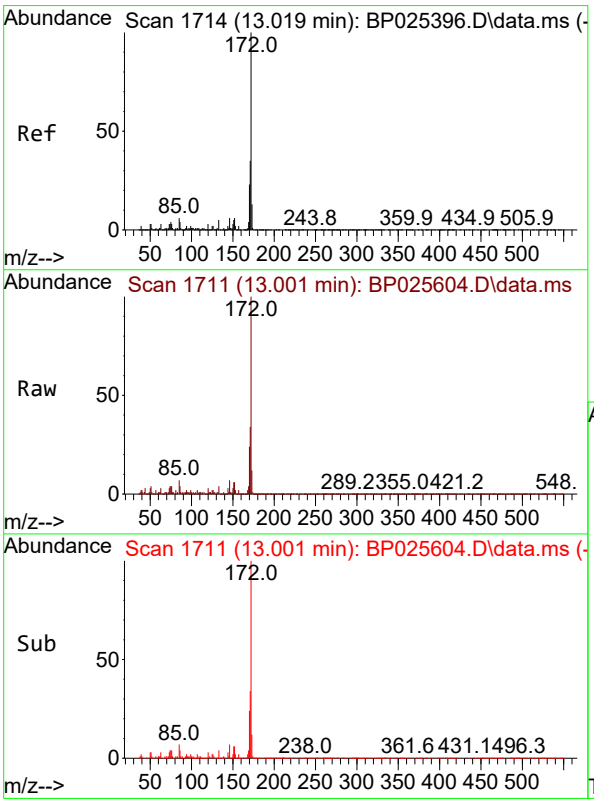
#42
2,4,6-Tribromophenol
Concen: 6.348 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion:330 Resp: 33533

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	31.7	26.6	39.8

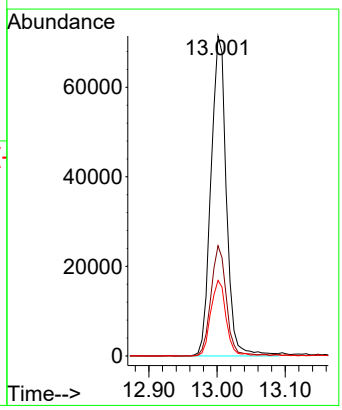


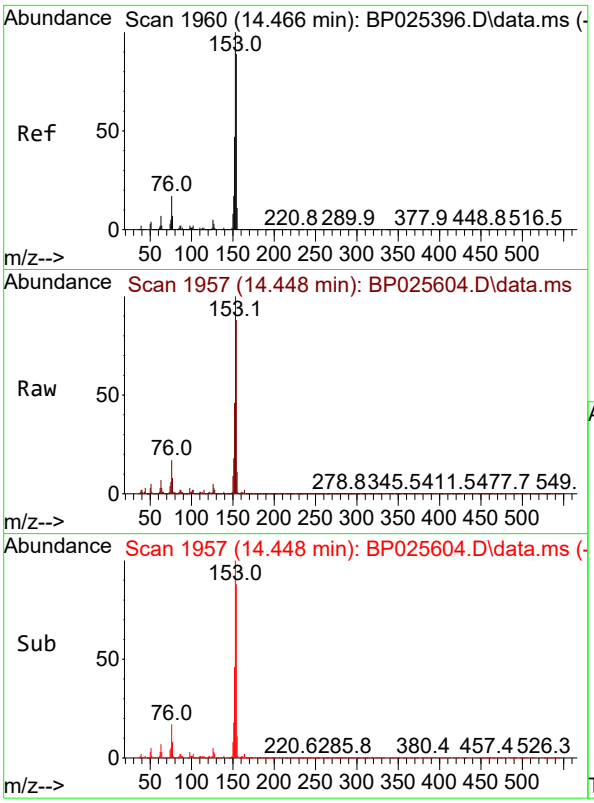


#45
2-Fluorobiphenyl
Concen: 3.917 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:172 Resp: 112477

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.1	42.1
170	23.6	18.6	28.0



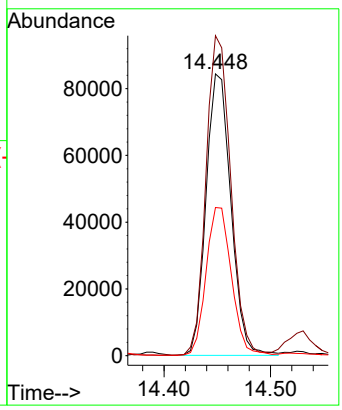


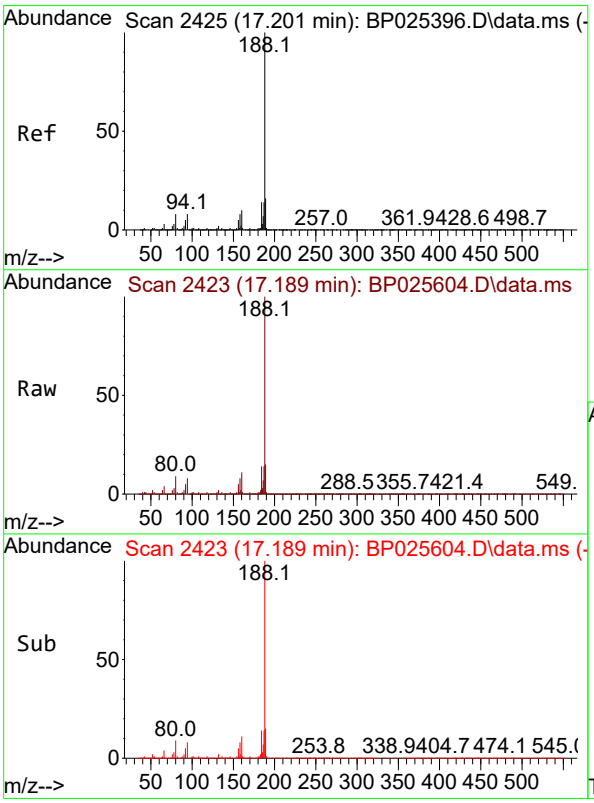
#52
Acenaphthene
Concen: 6.335 ng
RT: 14.448 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion:154 Resp: 136537

Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.2	135.2
152	52.6	42.1	63.1

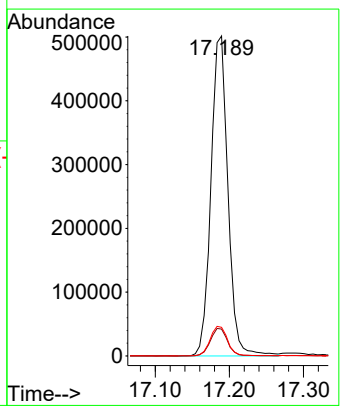


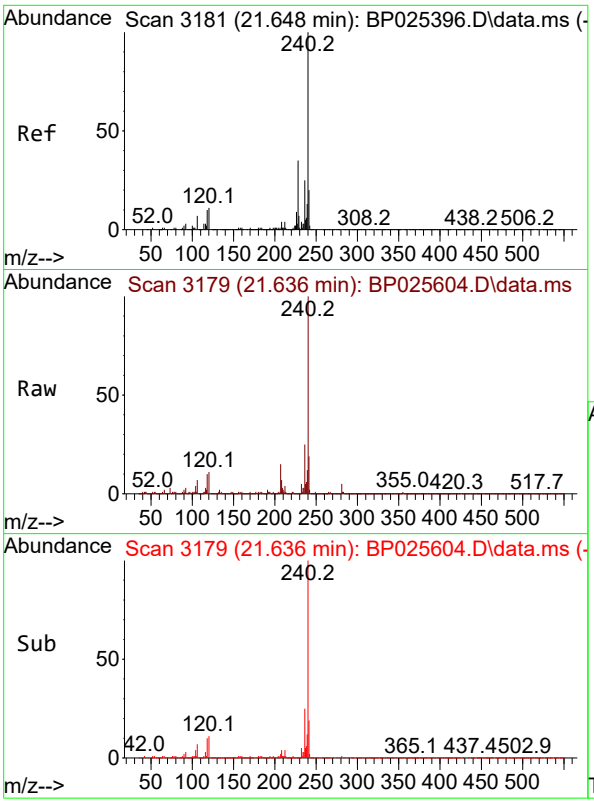


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:188 Resp: 797526

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	9.0	6.7	10.1



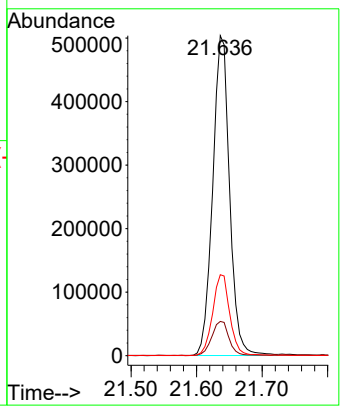


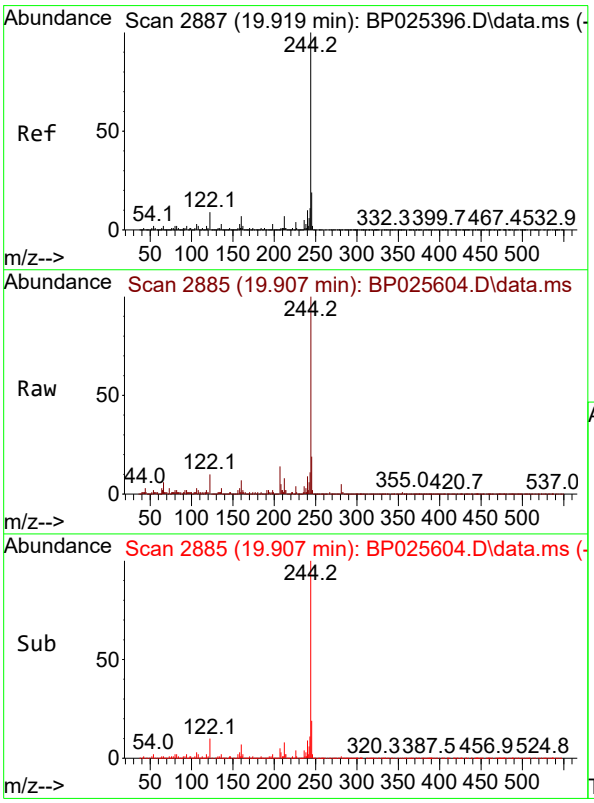
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion:240 Resp: 898906

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.3	19.8	29.8

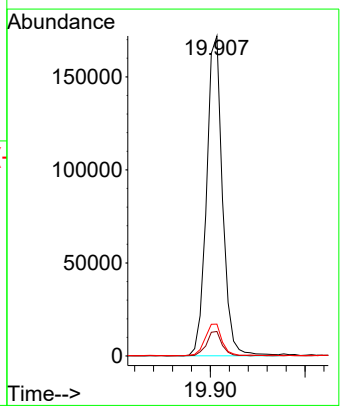


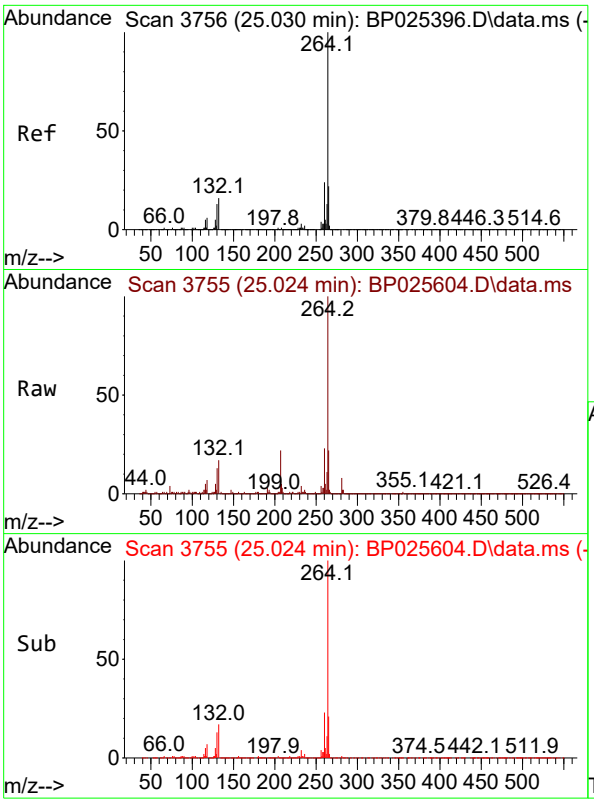


#79
Terphenyl-d14
Concen: 4.074 ng
RT: 19.907 min Scan# 2885
Delta R.T. -0.012 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:244 Resp: 200178

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	10.0	7.4	11.2



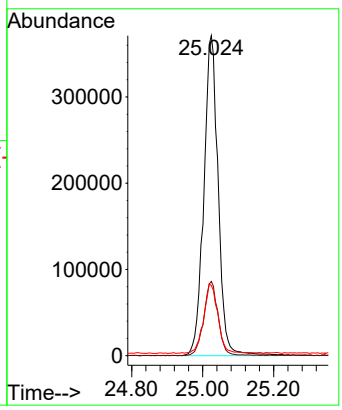


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion:264 Resp: 1044774

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	22.0	17.4	26.0



Raw Data: **BP025605.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL2	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025605.D	100	08/22/25 10:34	08/27/25 16:22	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	1100	UD	430	1100	ug/L
108-95-2	Phenol	560	UD	100	560	ug/L
111-44-4	bis(2-Chloroethyl)ether	560	UD	90.0	560	ug/L
95-57-8	2-Chlorophenol	560	UD	64.4	560	ug/L
95-48-7	2-Methylphenol	560	UD	120	560	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	560	UD	140	560	ug/L
98-86-2	Acetophenone	560	UD	82.2	560	ug/L
65794-96-9	3+4-Methylphenols	1100	UD	120	1100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	280	UD	160	280	ug/L
67-72-1	Hexachloroethane	560	UD	72.2	560	ug/L
98-95-3	Nitrobenzene	560	UD	84.4	560	ug/L
78-59-1	Isophorone	560	UD	83.3	560	ug/L
88-75-5	2-Nitrophenol	560	UD	200	560	ug/L
105-67-9	2,4-Dimethylphenol	560	UD	210	560	ug/L
111-91-1	bis(2-Chloroethoxy)methane	560	UD	75.6	560	ug/L
120-83-2	2,4-Dichlorophenol	560	UD	57.8	560	ug/L
91-20-3	Naphthalene	4400	D	55.6	560	ug/L
106-47-8	4-Chloroaniline	560	UD	93.3	560	ug/L
87-68-3	Hexachlorobutadiene	560	UD	60.0	560	ug/L
105-60-2	Caprolactam	1100	UD	130	1100	ug/L
59-50-7	4-Chloro-3-methylphenol	560	UD	65.6	560	ug/L
91-57-6	2-Methylnaphthalene	560	UD	62.2	560	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	UD	400	1100	ug/L
88-06-2	2,4,6-Trichlorophenol	560	UD	56.7	560	ug/L
95-95-4	2,4,5-Trichlorophenol	560	UD	68.9	560	ug/L
92-52-4	1,1-Biphenyl	560	UD	58.9	560	ug/L
91-58-7	2-Chloronaphthalene	560	UD	67.8	560	ug/L
88-74-4	2-Nitroaniline	560	UD	140	560	ug/L
131-11-3	Dimethylphthalate	560	UD	67.8	560	ug/L

Raw Data: **BP025605.D**

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL2	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025605.D	100	08/22/25 10:34	08/27/25 16:22	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	560	UD	83.3	560	ug/L
606-20-2	2,6-Dinitrotoluene	560	UD	100	560	ug/L
99-09-2	3-Nitroaniline	560	UD	120	560	ug/L
83-32-9	Acenaphthene	560	UD	61.1	560	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	560	UD	67.8	560	ug/L
121-14-2	2,4-Dinitrotoluene	560	UD	140	560	ug/L
84-66-2	Diethylphthalate	560	UD	76.7	560	ug/L
7005-72-3	4-Chlorophenyl-phenylether	560	UD	75.6	560	ug/L
86-73-7	Fluorene	560	UD	70.0	560	ug/L
100-01-6	4-Nitroaniline	560	UD	170	560	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1100	UD	320	1100	ug/L
86-30-6	n-Nitrosodiphenylamine	560	UD	64.4	560	ug/L
101-55-3	4-Bromophenyl-phenylether	560	UD	44.4	560	ug/L
118-74-1	Hexachlorobenzene	560	UD	57.8	560	ug/L
1912-24-9	Atrazine	560	UD	110	560	ug/L
87-86-5	Pentachlorophenol	1100	UD	180	1100	ug/L
85-01-8	Phenanthrene	560	UD	55.6	560	ug/L
120-12-7	Anthracene	560	UD	67.8	560	ug/L
86-74-8	Carbazole	560	UD	80.0	560	ug/L
84-74-2	Di-n-butylphthalate	560	UD	140	560	ug/L
206-44-0	Fluoranthene	560	UD	91.1	560	ug/L
129-00-0	Pyrene	560	UD	55.6	560	ug/L
85-68-7	Butylbenzylphthalate	560	UD	210	560	ug/L
91-94-1	3,3-Dichlorobenzidine	1100	UD	100	1100	ug/L
56-55-3	Benzo(a)anthracene	560	UD	50.0	560	ug/L
218-01-9	Chrysene	560	UD	48.9	560	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	560	UD	180	560	ug/L
117-84-0	Di-n-octyl phthalate	1100	UD	260	1100	ug/L
205-99-2	Benzo(b)fluoranthene	560	UD	54.4	560	ug/L

Raw Data: **BP025605.D**

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL2	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025605.D	100	08/22/25 10:34	08/27/25 16:22	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	560	UD	53.3	560	ug/L
50-32-8	Benzo(a)pyrene	560	UD	61.1	560	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	560	UD	65.6	560	ug/L
53-70-3	Dibenzo(a,h)anthracene	560	UD	74.4	560	ug/L
191-24-2	Benzo(g,h,i)perylene	560	UD	76.7	560	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	560	UD	57.8	560	ug/L
123-91-1	1,4-Dioxane	560	UD	110	560	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	560	UD	80.0	560	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	61.6		23 - 138	41%	SPK: 150
13127-88-3	Phenol-d6	33.7		10 - 134	22%	SPK: 150
4165-60-0	Nitrobenzene-d5	63.8	*	67 - 132	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.1		52 - 132	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	97.7		44 - 137	65%	SPK: 150
1718-51-0	Terphenyl-d14	75.7		42 - 152	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	150000	7.778			
1146-65-2	Naphthalene-d8	593000	10.542			
15067-26-2	Acenaphthene-d10	368000	14.395			
1517-22-2	Phenanthrene-d10	754000	17.195			
1719-03-5	Chrysene-d12	896000	21.636			
1520-96-3	Perylene-d12	1050000	25.006			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025605.D
Acq On : 27 Aug 2025 16:22
Operator : CG/JU
Sample : Q2936-02DL2 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL2

Quant Time: Aug 27 16:43:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

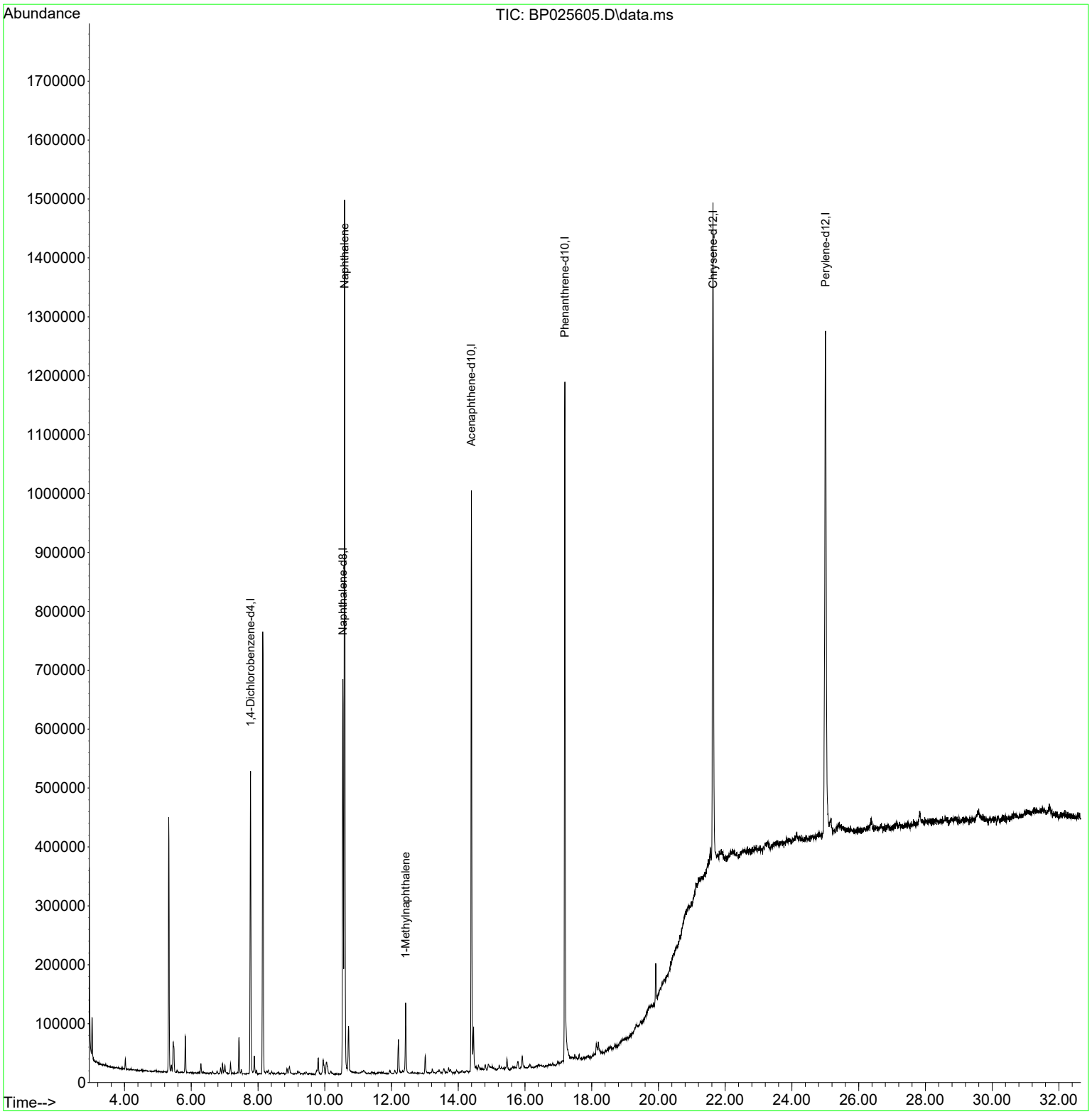
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	149853	20.000	ng	-0.02
21) Naphthalene-d8	10.542	136	592770	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	367926	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	753908	20.000	ng	0.00
76) Chrysene-d12	21.636	240	896138	20.000	ng	-0.01
86) Perylene-d12	25.006	264	1046661	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	5559	0.616	ng	0.00
7) Phenol-d6	6.984	99	3898	0.337	ng	0.02
23) Nitrobenzene-d5	8.931	82	7477	0.638	ng	0.00
42) 2,4,6-Tribromophenol	15.924	330	4838	0.977	ng	0.01
45) 2-Fluorobiphenyl	13.013	172	19402	0.721	ng	0.00
79) Terphenyl-d14	19.918	244	37091	0.757	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.595	128	1223585	39.714	ng	100
38) 1-Methylnaphthalene	12.425	142	59594	2.795	ng	98

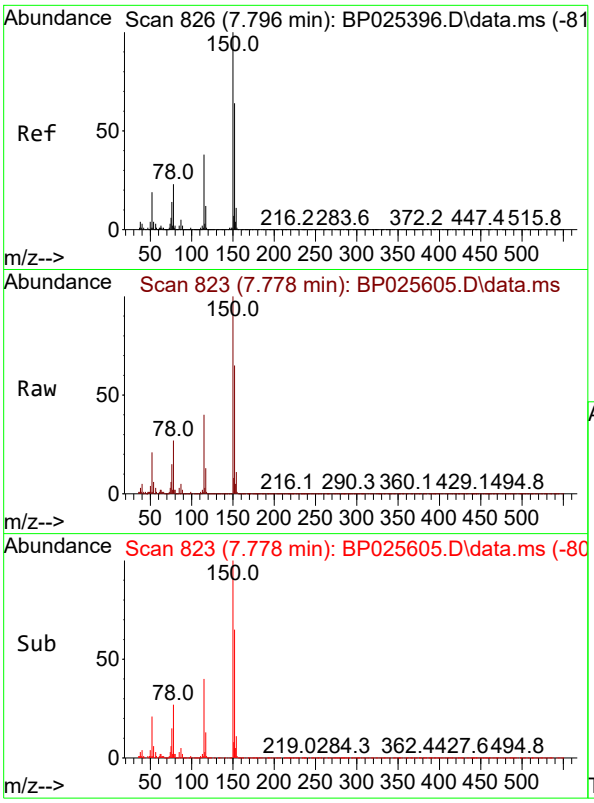
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025605.D
Acq On : 27 Aug 2025 16:22
Operator : CG/JU
Sample : Q2936-02DL2 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL2

Quant Time: Aug 27 16:43:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



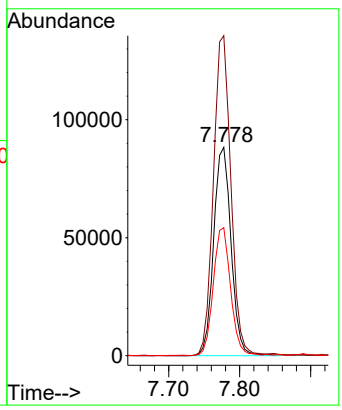


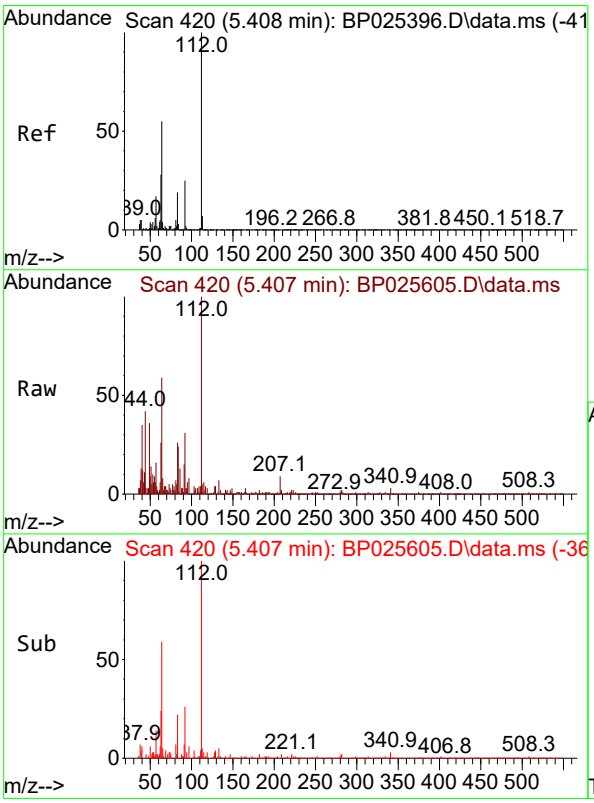
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL2

Tgt Ion:152 Resp: 149853

Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.9	188.9
115	61.4	48.5	72.7

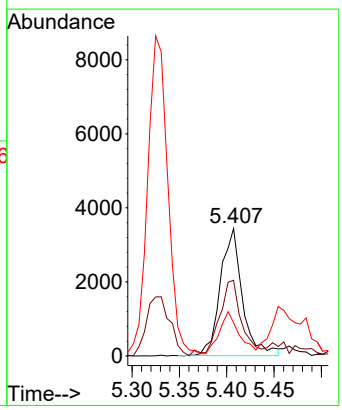


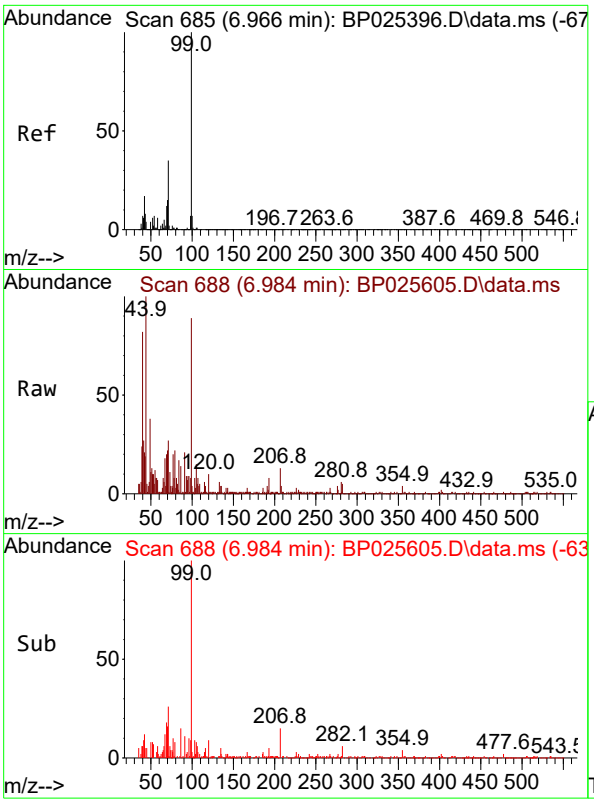


#5
2-Fluorophenol
Concen: 0.616 ng
RT: 5.407 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Tgt Ion:112 Resp: 5559

Ion	Ratio	Lower	Upper
112	100		
64	59.4	43.8	65.8
63	26.1	22.7	34.1



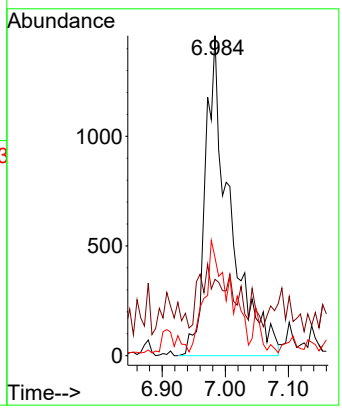


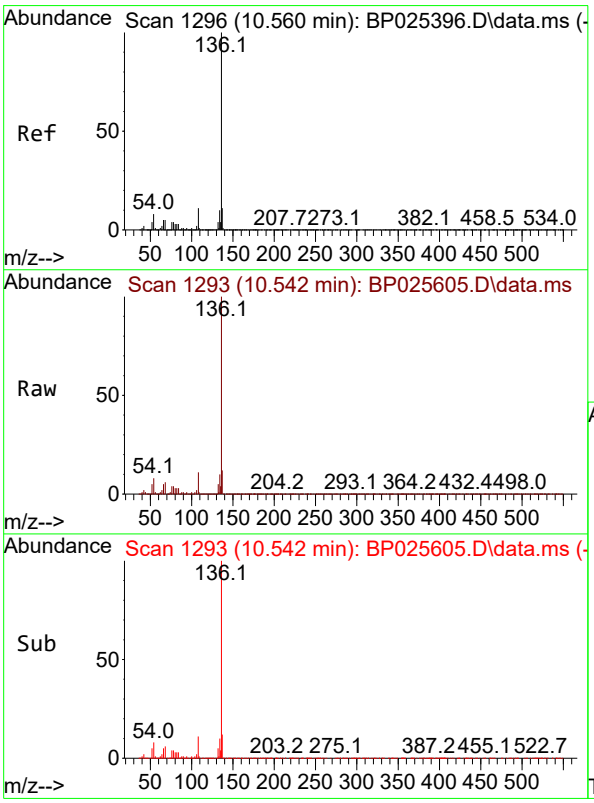
#7
Phenol-d6
Concen: 0.337 ng
RT: 6.984 min Scan# 6
Delta R.T. 0.017 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL2

Tgt Ion: 99 Resp: 3898

Ion	Ratio	Lower	Upper
99	100		
42	23.9	13.7	20.5#
71	30.6	28.2	42.4

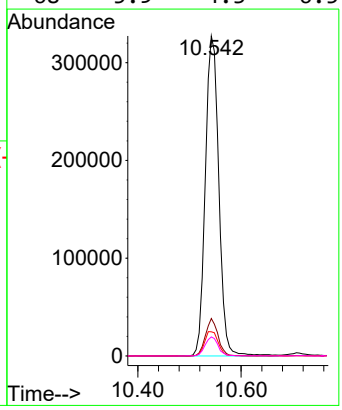


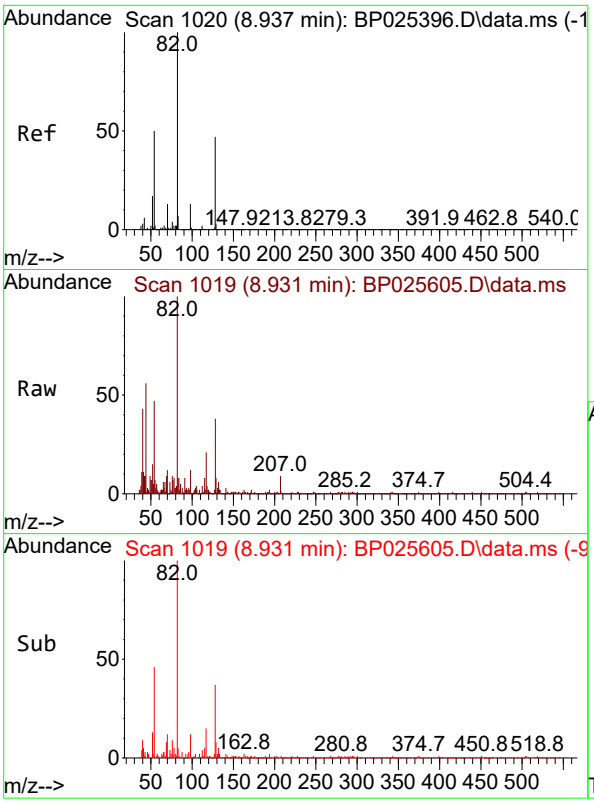


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.542 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Tgt Ion:136 Resp: 592770

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	7.6	6.0	9.0
68	5.9	4.3	6.5



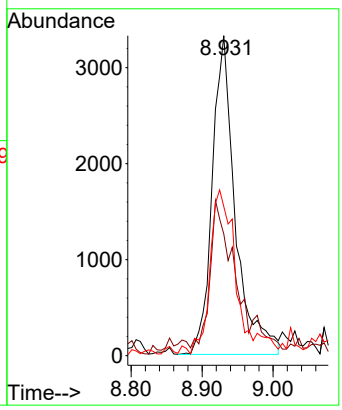


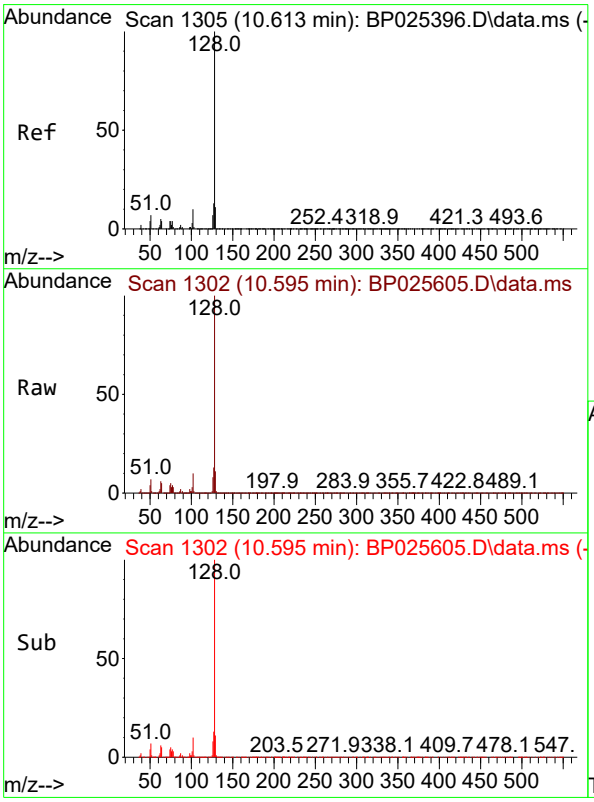
#23
Nitrobenzene-d5
Concen: 0.638 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL2

Tgt Ion: 82 Resp: 7477

Ion	Ratio	Lower	Upper
82	100		
128	38.0	37.7	56.5
54	46.6	39.8	59.6

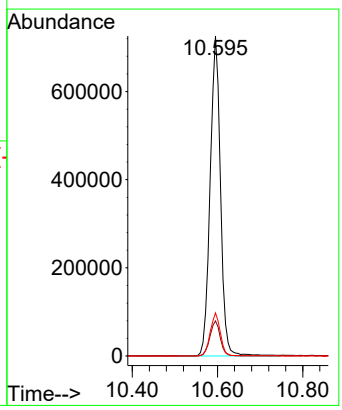


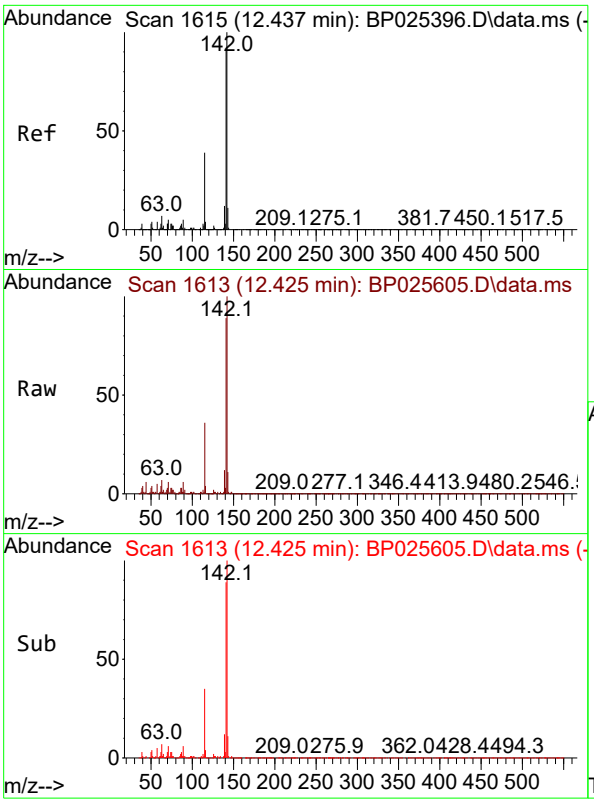


#31
Naphthalene
Concen: 39.714 ng
RT: 10.595 min Scan# 1302
Delta R.T. -0.018 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Tgt Ion:128 Resp: 1223585

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.4	10.7	16.1



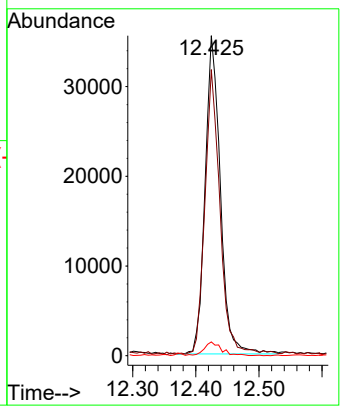


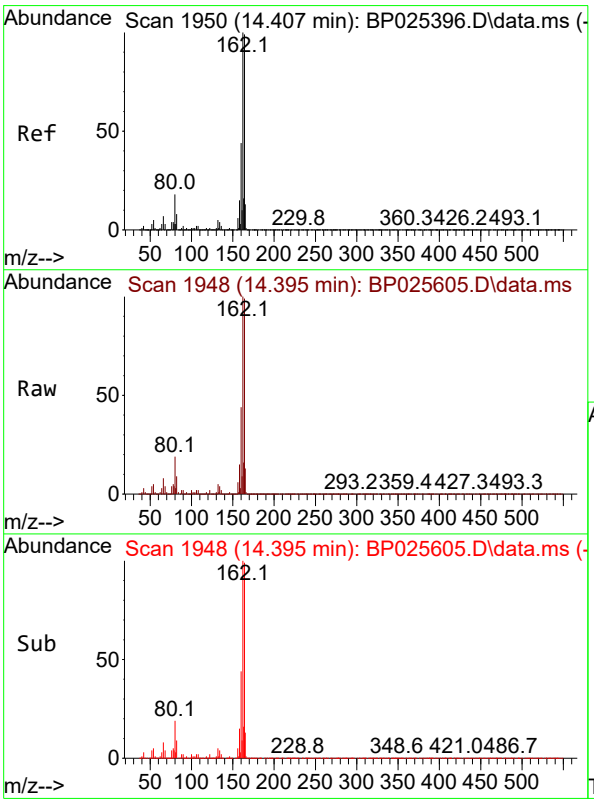
#38
1-Methylnaphthalene
Concen: 2.795 ng
RT: 12.425 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL2

Tgt Ion:142 Resp: 59594

Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.1	109.7
116	4.3	3.2	4.8

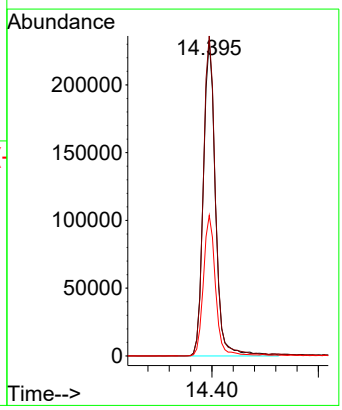


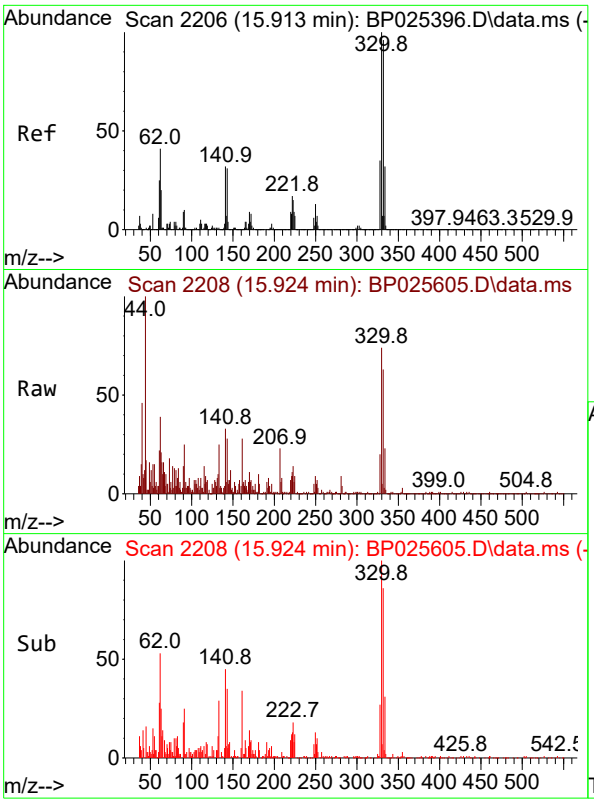


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Tgt Ion:164 Resp: 367926

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.0	121.6
160	44.5	35.4	53.2



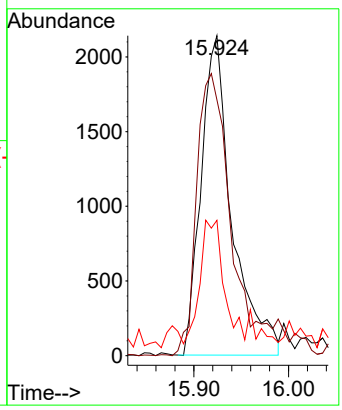


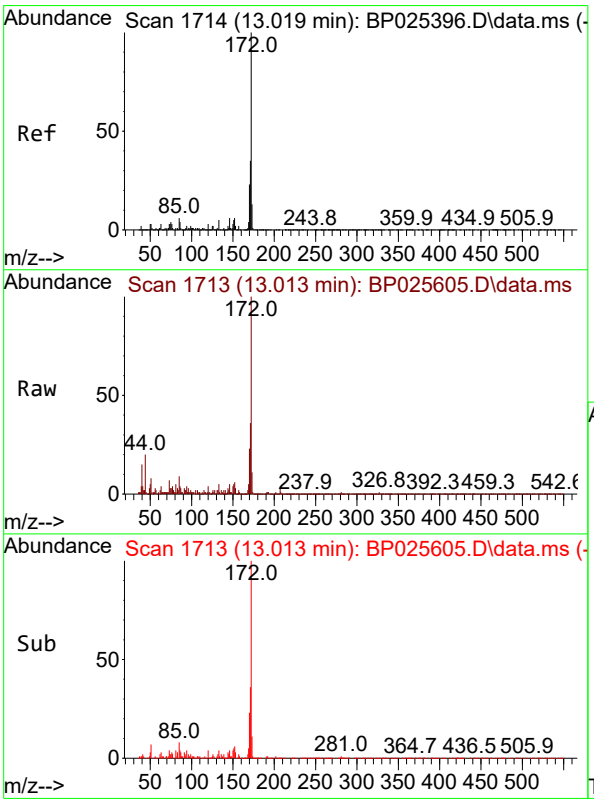
#42
2,4,6-Tribromophenol
Concen: 0.977 ng
RT: 15.924 min Scan# 2
Delta R.T. 0.011 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL2

Tgt Ion:330 Resp: 4838

Ion	Ratio	Lower	Upper
330	100		
332	101.0	77.3	115.9
141	29.6	26.6	39.8

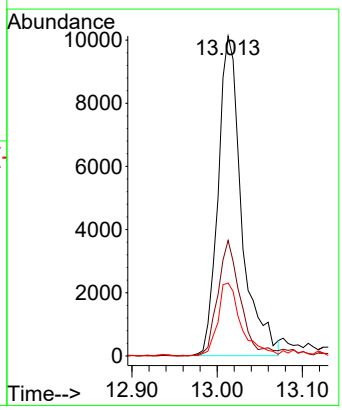


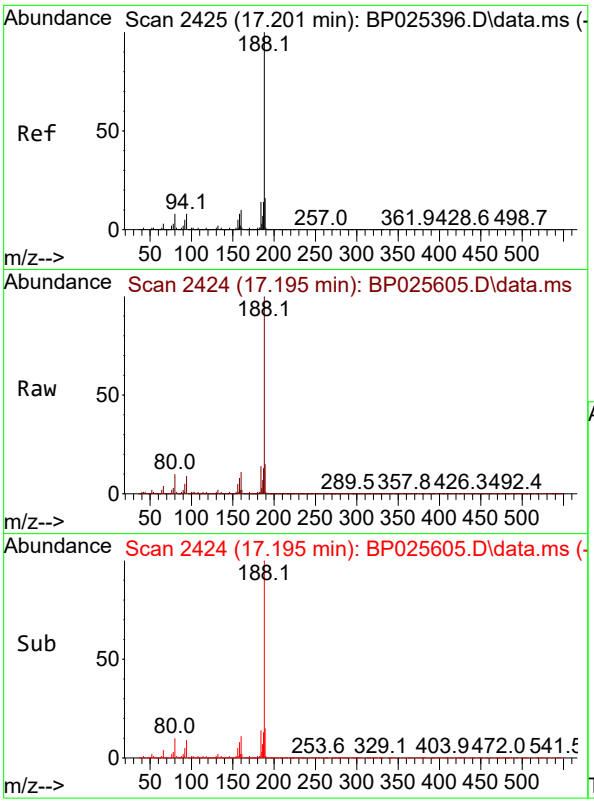


#45
2-Fluorobiphenyl
Concen: 0.721 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Tgt Ion:172 Resp: 19402

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.1	42.1
170	22.8	18.6	28.0



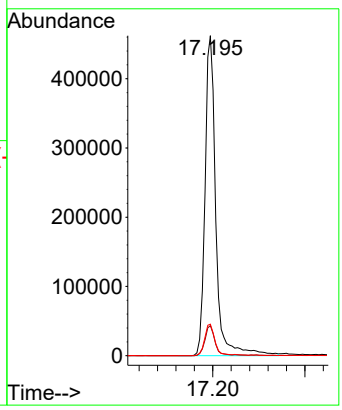


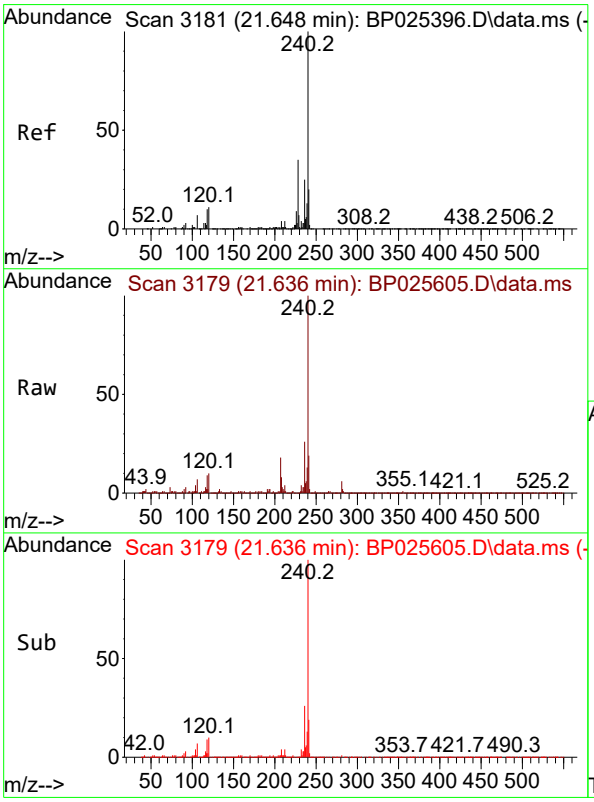
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL2

Tgt Ion:188 Resp: 753908

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.6	10.0
80	9.9	6.7	10.1

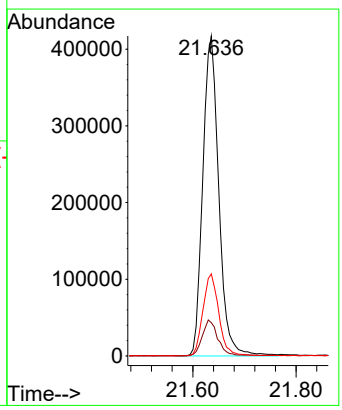


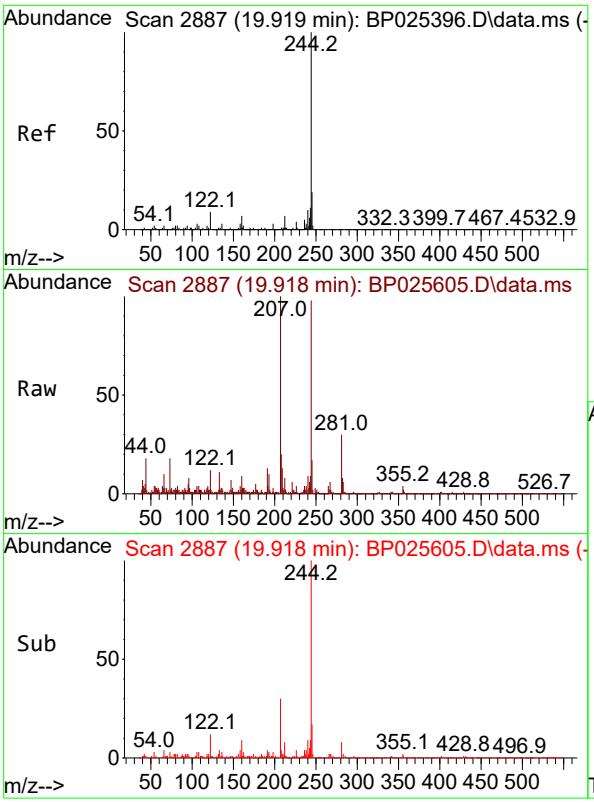


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Tgt Ion:240 Resp: 896138

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	25.6	19.8	29.8



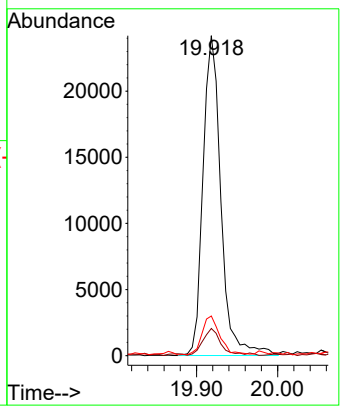


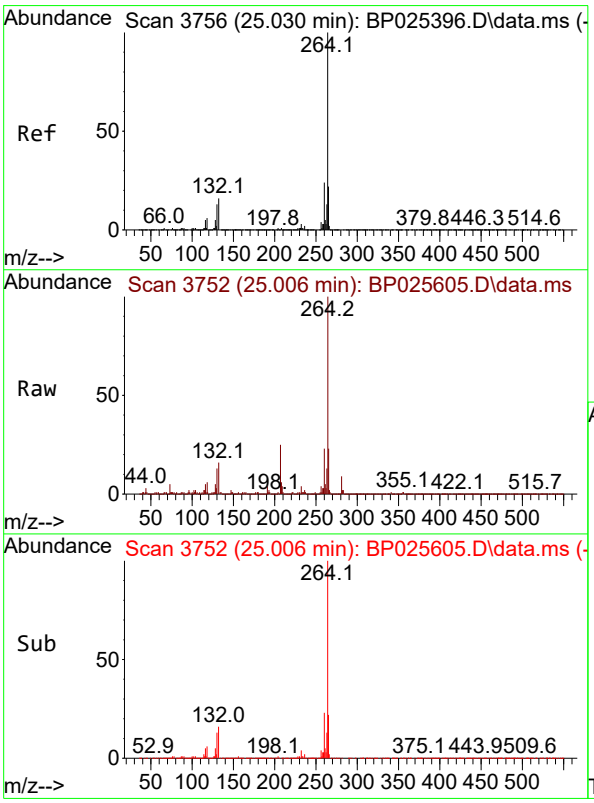
#79
Terphenyl-d14
Concen: 0.757 ng
RT: 19.918 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL2

Tgt Ion:244 Resp: 37091

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.6
122	12.4	7.4	11.2#

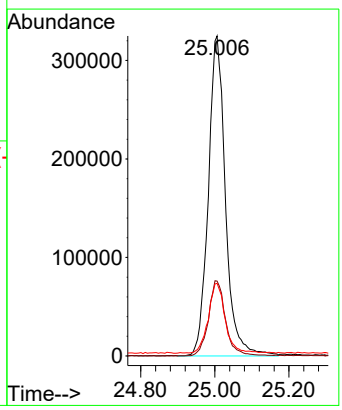




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3752
Delta R.T. -0.024 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Tgt Ion:264 Resp: 1046661

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	22.7	17.4	26.0



Raw Data: **BF143602.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19C-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-03	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
BF143602.D	1	08/22/25 10:34	08/27/25 12:22	PB169362

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: **BF143602.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19C-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-03	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
BF143602.D	1	08/22/25 10:34	08/27/25 12:22	PB169362

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	U	2.10	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	10.6	U	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: **BF143602.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19C-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-03	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
BF143602.D	1	08/22/25 10:34	08/27/25 12:22	PB169362

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	69.8		23 - 138	47%	SPK: 150
13127-88-3	Phenol-d6	46.2		10 - 134	31%	SPK: 150
4165-60-0	Nitrobenzene-d5	112		67 - 132	112%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.2		52 - 132	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	151		44 - 137	101%	SPK: 150
1718-51-0	Terphenyl-d14	92.5		42 - 152	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	111000	6.892			
1146-65-2	Naphthalene-d8	416000	8.169			
15067-26-2	Acenaphthene-d10	225000	9.922			
1517-22-2	Phenanthrene-d10	333000	11.41			
1719-03-5	Chrysene-d12	189000	14.045			
1520-96-3	Perylene-d12	219000	15.521			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.90	AB		5.11	ug/L

Raw Data: **BF143602.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19C-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-03	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
BF143602.D	1	08/22/25 10:34	08/27/25 12:22	PB169362

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: **BF143602.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143602.D
Acq On : 27 Aug 2025 12:22
Operator : RC/JU
Sample : Q2936-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-19C-082125

Quant Time: Aug 27 12:47:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	111346	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	415970	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	225098	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	332669	20.000	ng	0.00
76) Chrysene-d12	14.045	240	188945	20.000	ng	0.00
86) Perylene-d12	15.521	264	218770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	456378	69.760	ng	0.00
7) Phenol-d6	6.498	99	374240	46.186	ng	-0.01
23) Nitrobenzene-d5	7.451	82	651535	111.836	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	265645	150.908	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1227083	93.205	ng	0.00
79) Terphenyl-d14	12.998	244	974104	92.514	ng	0.00
Target Compounds						Qvalue

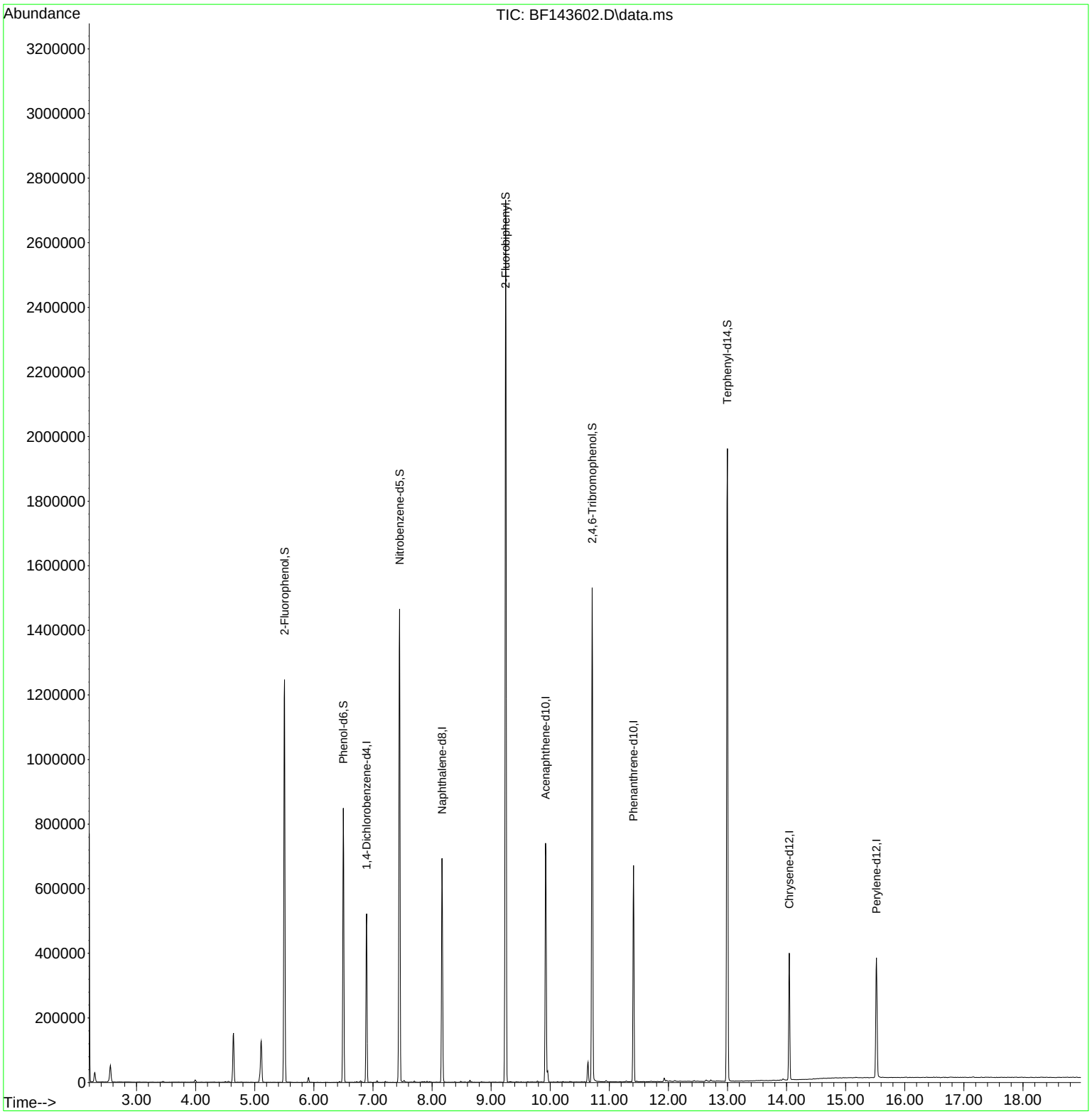
(#) = qualifier out of range (m) = manual integration (+) = signals summed

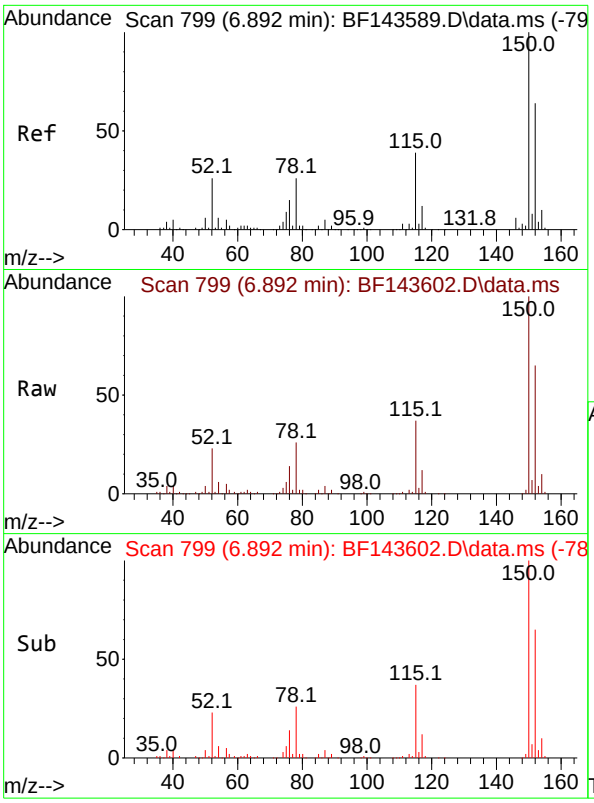
Sample Results: **BF143602.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143602.D
Acq On : 27 Aug 2025 12:22
Operator : RC/JU
Sample : Q2936-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-19C-082125

Quant Time: Aug 27 12:47:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration



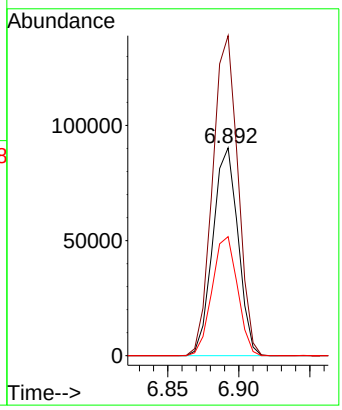


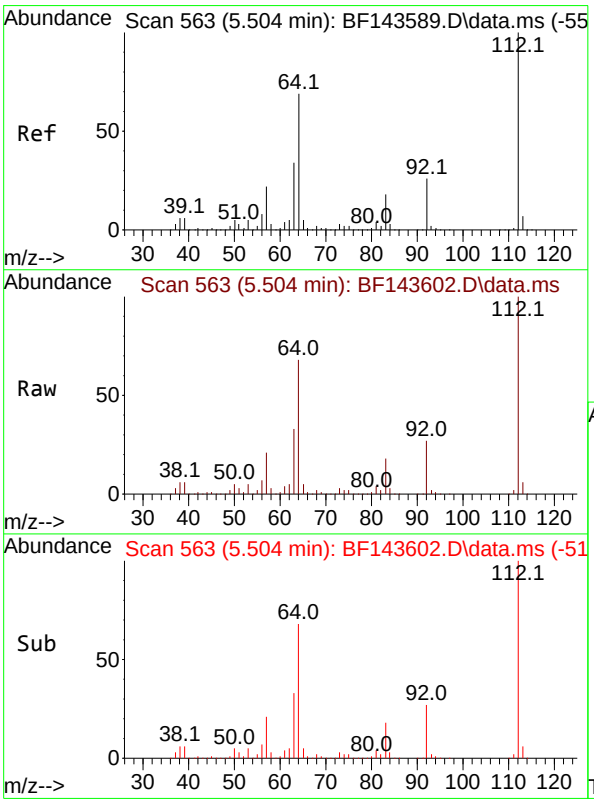
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143602.D
Acq: 27 Aug 2025 12:22

Instrument :
BNA_F
ClientSampleId :
MW-19C-082125

Tgt Ion:152 Resp: 111346

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.9	187.3
115	57.3	48.0	72.0

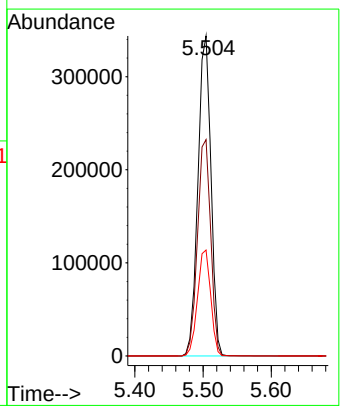


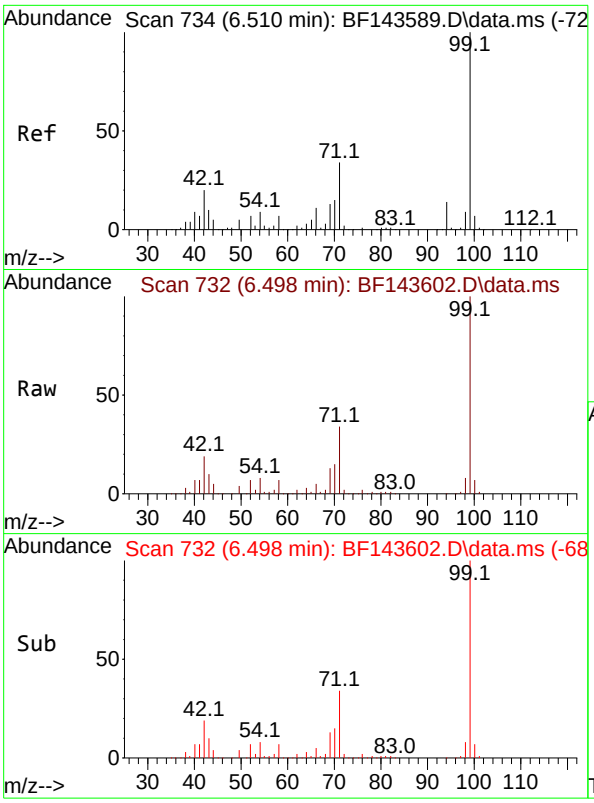


#5
2-Fluorophenol
Concen: 69.760 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF143602.D
Acq: 27 Aug 2025 12:22

Tgt Ion:112 Resp: 456378

Ion	Ratio	Lower	Upper
112	100		
64	67.6	54.8	82.2
63	33.1	27.6	41.4



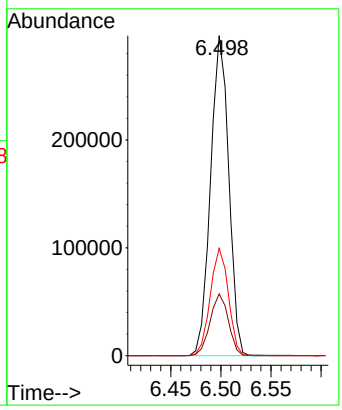


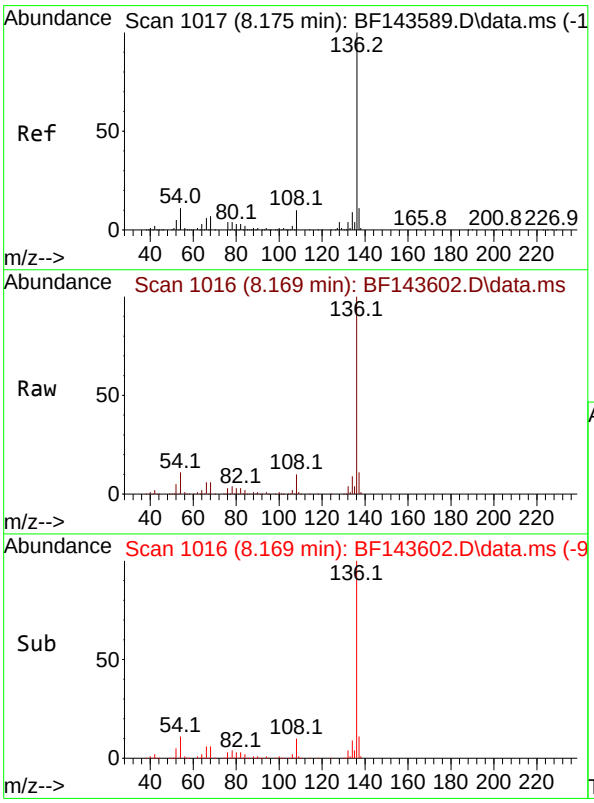
#7
Phenol-d6
Concen: 46.186 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143602.D
Acq: 27 Aug 2025 12:22

Instrument :
BNA_F
ClientSampleId :
MW-19C-082125

Tgt Ion: 99 Resp: 374240

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.9	23.9
71	33.6	27.2	40.8

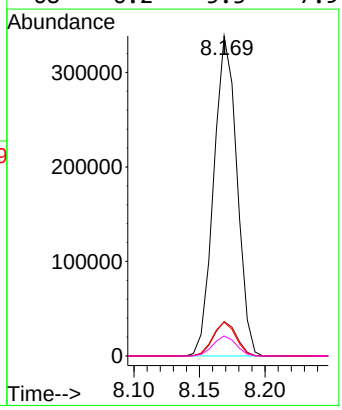


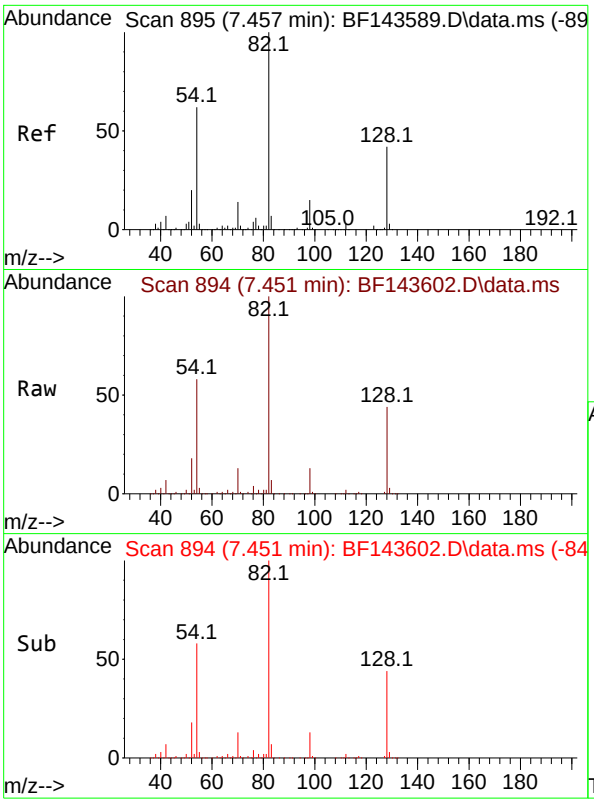


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143602.D
Acq: 27 Aug 2025 12:22

Tgt Ion:136 Resp: 415970

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.6	9.0	13.6
68	6.2	5.3	7.9



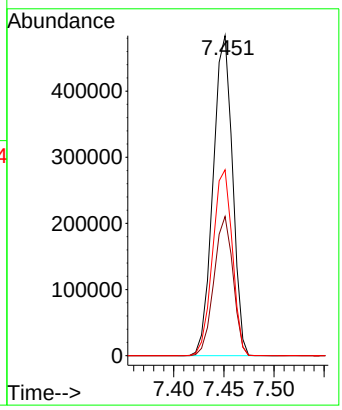


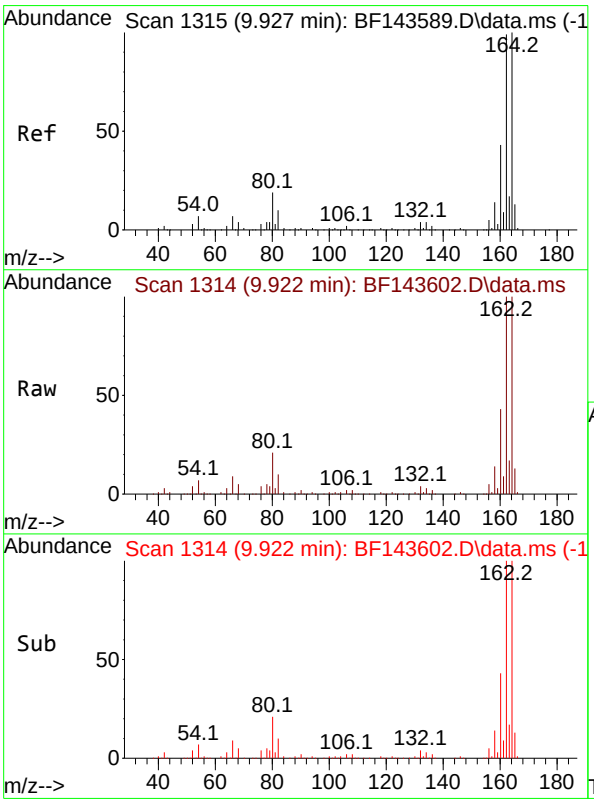
#23
Nitrobenzene-d5
Concen: 111.836 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143602.D
Acq: 27 Aug 2025 12:22

Instrument :
BNA_F
ClientSampleId :
MW-19C-082125

Tgt Ion: 82 Resp: 651535

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.4	50.2
54	58.1	49.3	73.9

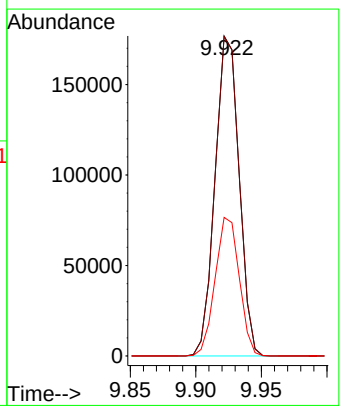


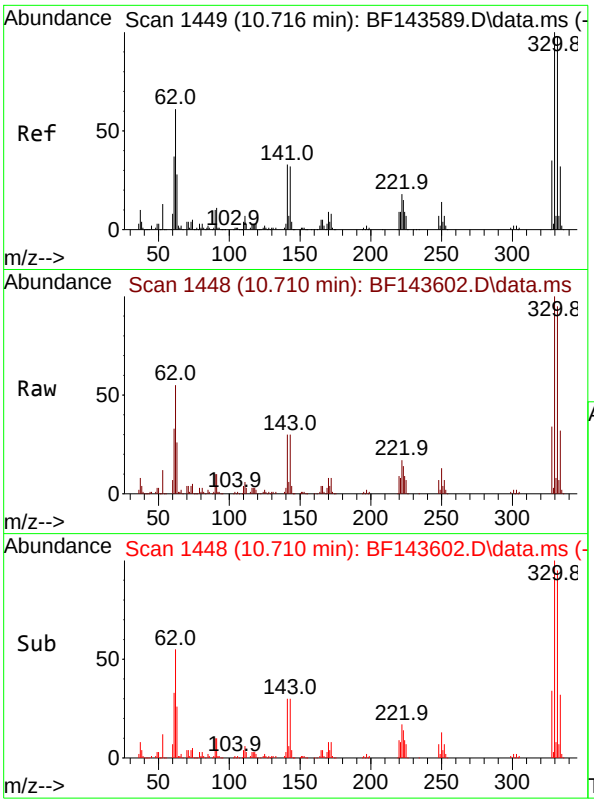


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143602.D
Acq: 27 Aug 2025 12:22

Tgt Ion:164 Resp: 225098

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.5	119.3
160	43.3	34.2	51.4



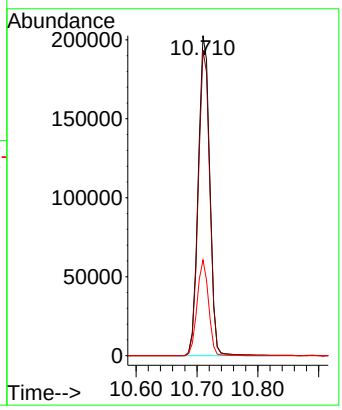


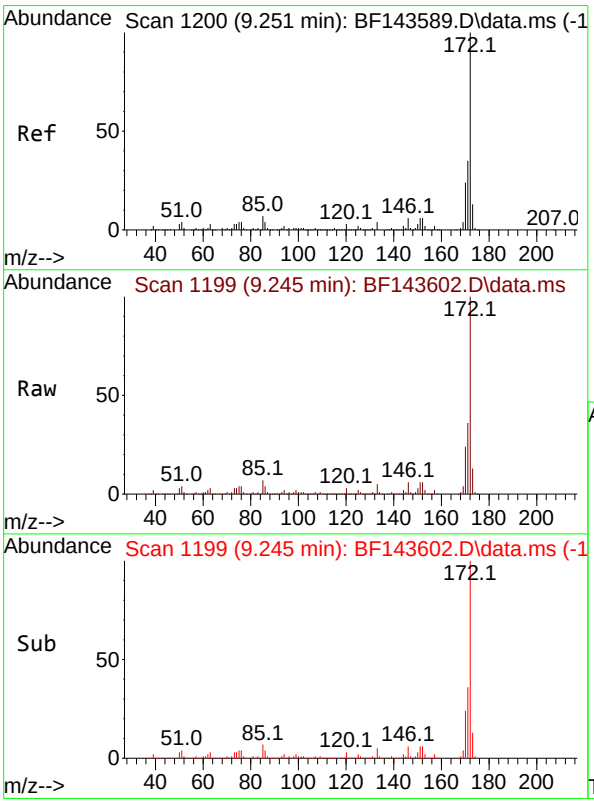
#42
2,4,6-Tribromophenol
Concen: 150.908 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143602.D
Acq: 27 Aug 2025 12:22

Instrument :
BNA_F
ClientSampleId :
MW-19C-082125

Tgt Ion:330 Resp: 265645

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.2	117.4
141	29.5	25.4	38.0

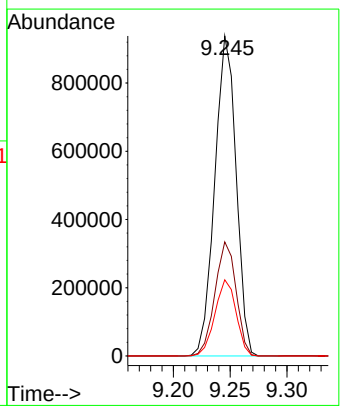


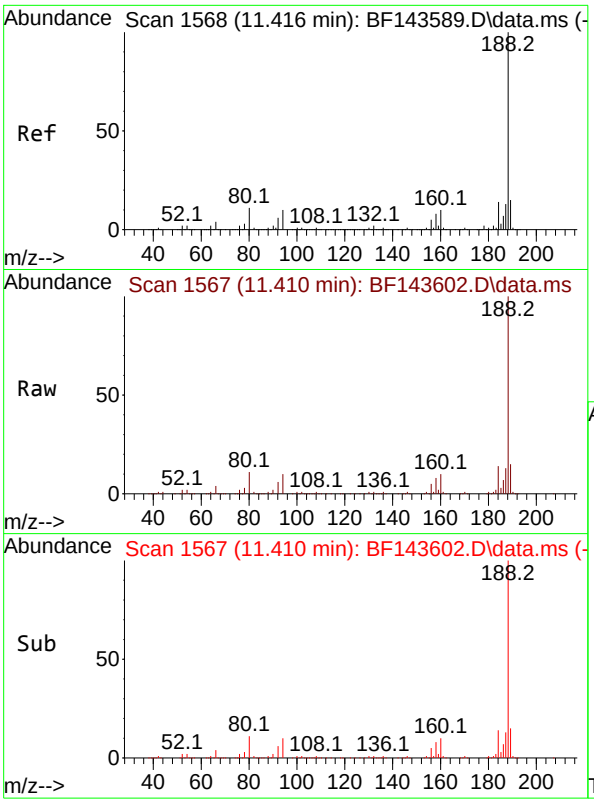


#45
2-Fluorobiphenyl
Concen: 93.205 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143602.D
Acq: 27 Aug 2025 12:22

Tgt Ion:172 Resp: 1227083

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	23.8	19.0	28.4



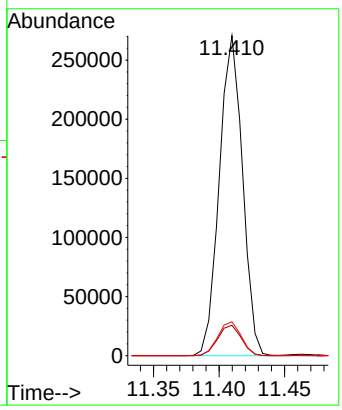


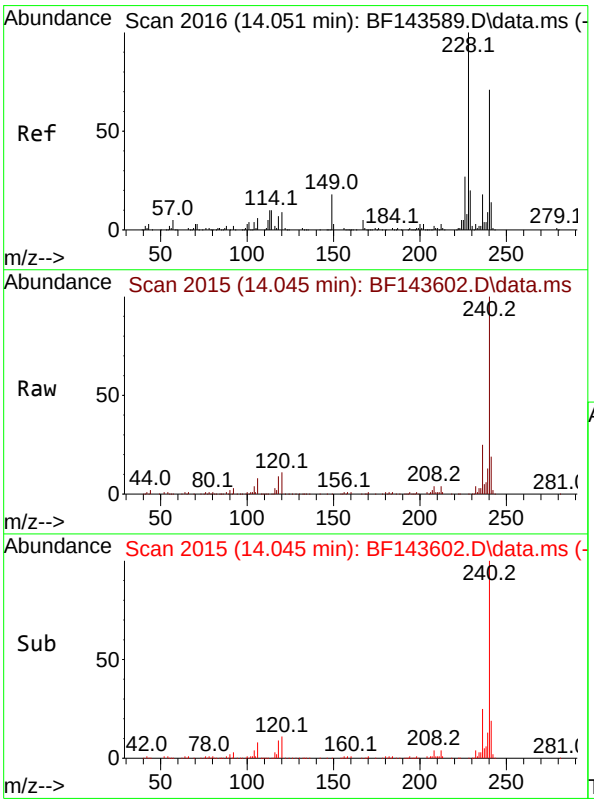
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143602.D
Acq: 27 Aug 2025 12:22

Instrument :
BNA_F
ClientSampleId :
MW-19C-082125

Tgt Ion:188 Resp: 332669

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.4
80	10.6	8.9	13.3

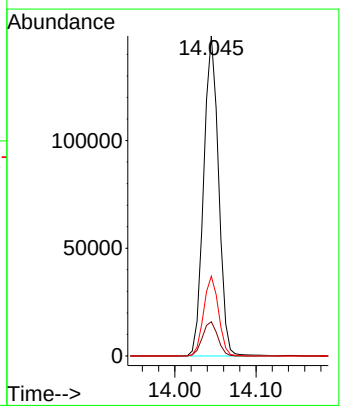


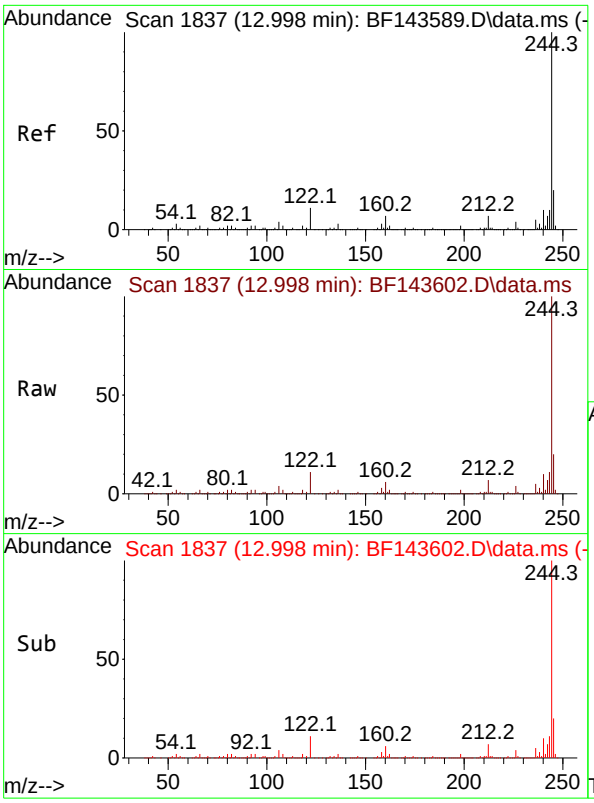


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143602.D
Acq: 27 Aug 2025 12:22

Tgt Ion:240 Resp: 188945

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.6	14.4
236	24.9	20.2	30.2



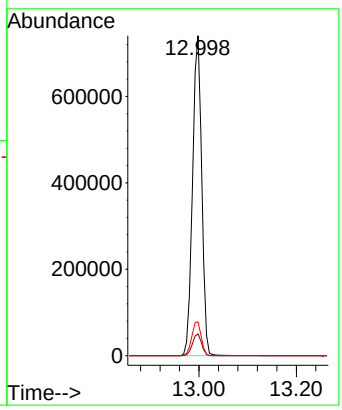


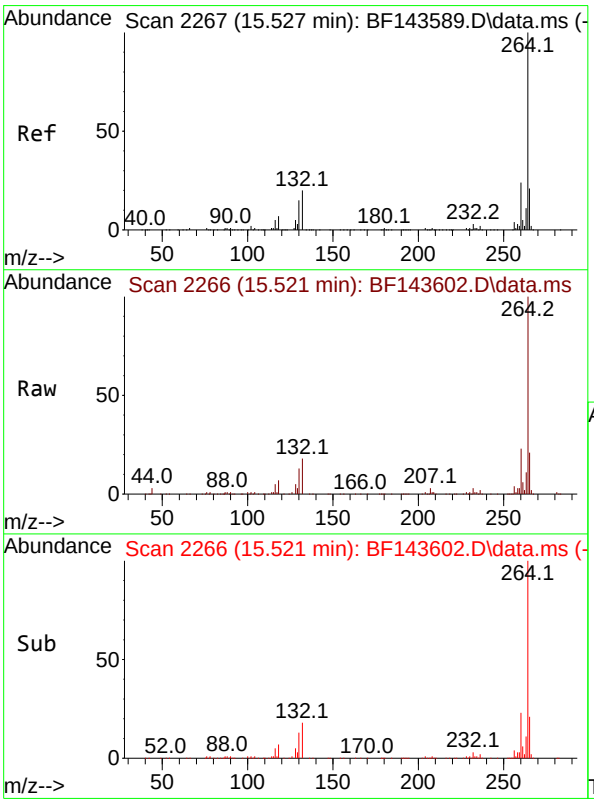
#79
Terphenyl-d14
Concen: 92.514 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143602.D
Acq: 27 Aug 2025 12:22

Instrument :
BNA_F
ClientSampleId :
MW-19C-082125

Tgt Ion:244 Resp: 974104

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	10.6	8.8	13.2

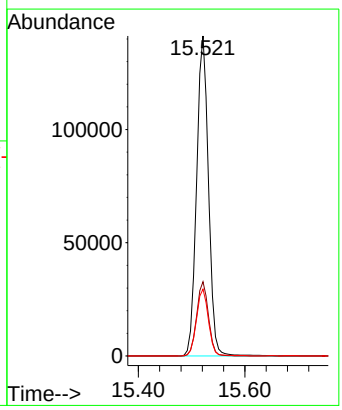




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF143602.D
Acq: 27 Aug 2025 12:22

Tgt Ion:264 Resp: 218770

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	20.9	17.0	25.4



Sample Results: **BF143602.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143602.D
Acq On : 27 Aug 2025 12:22
Operator : RC/JU
Sample : Q2936-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-19C-082125

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-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143602.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.293	10	17	24	rVB	29076	46808	1.32%	0.262%
2	2.557	52	62	69	rVB	51565	89959	2.54%	0.504%
3	4.640	409	416	422	rVB	152482	218027	6.15%	1.221%
4	5.110	486	496	503	rVB2	127879	211399	5.96%	1.184%
5	5.504	557	563	568	rBV	1246498	1669635	47.08%	9.348%
6	6.498	726	732	737	rBV	848490	1075009	30.31%	6.019%
7	6.892	793	799	804	rBV	522062	653215	18.42%	3.657%
8	7.451	887	894	899	rBV	1464941	1987382	56.04%	11.127%
9	8.169	1011	1016	1023	rBV	693096	856063	24.14%	4.793%
10	9.245	1193	1199	1204	rBV	2731394	3546576	100.00%	19.857%
11	9.922	1309	1314	1319	rBV	739792	957338	26.99%	5.360%
12	10.639	1428	1436	1442	rBV	61745	78350	2.21%	0.439%
13	10.710	1442	1448	1463	rBV	1529633	1988876	56.08%	11.135%
14	11.410	1562	1567	1572	rBV	669581	823784	23.23%	4.612%
15	12.998	1831	1837	1842	rBV	1958845	2592799	73.11%	14.517%
16	14.045	2010	2015	2023	rBV	392321	496279	13.99%	2.779%
17	15.521	2260	2266	2280	rVB	370734	569529	16.06%	3.189%

Sum of corrected areas: 17861028

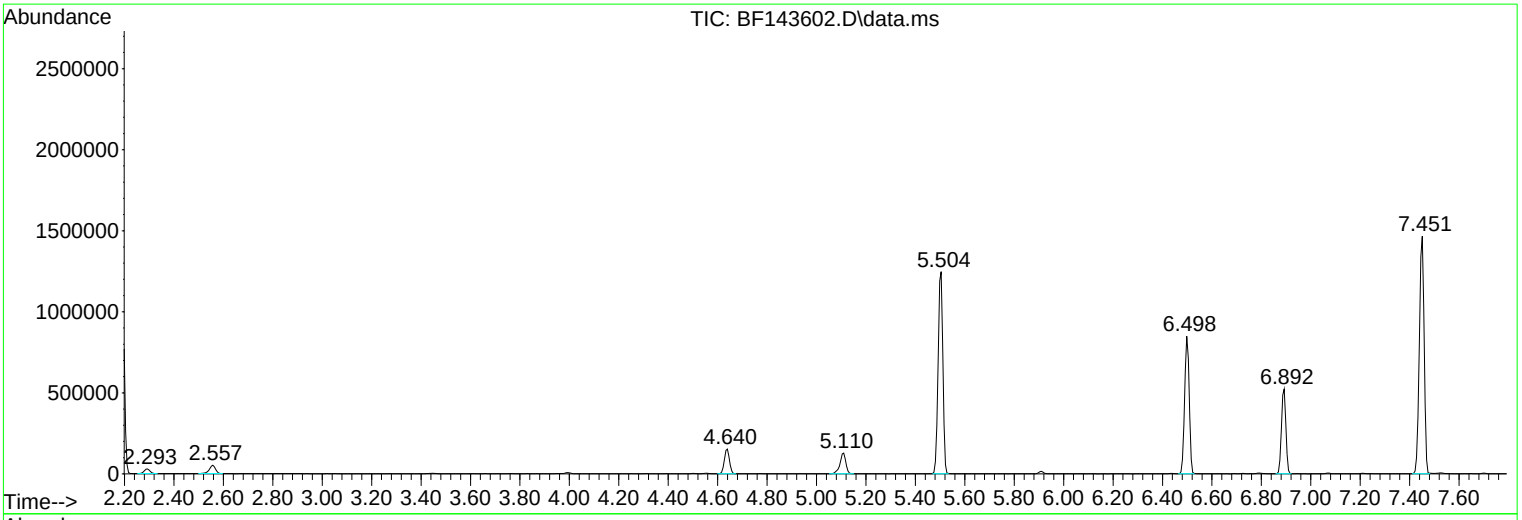
Sample Results: **BF143602.D**

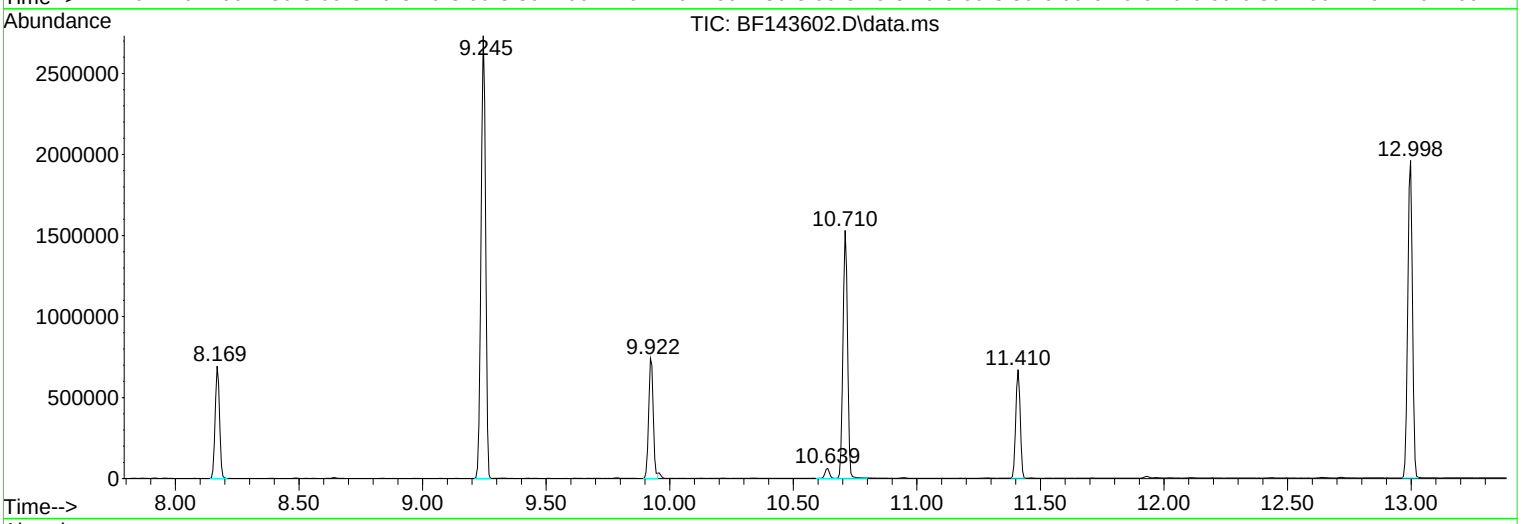
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143602.D
Acq On : 27 Aug 2025 12:22
Operator : RC/JU
Sample : Q2936-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

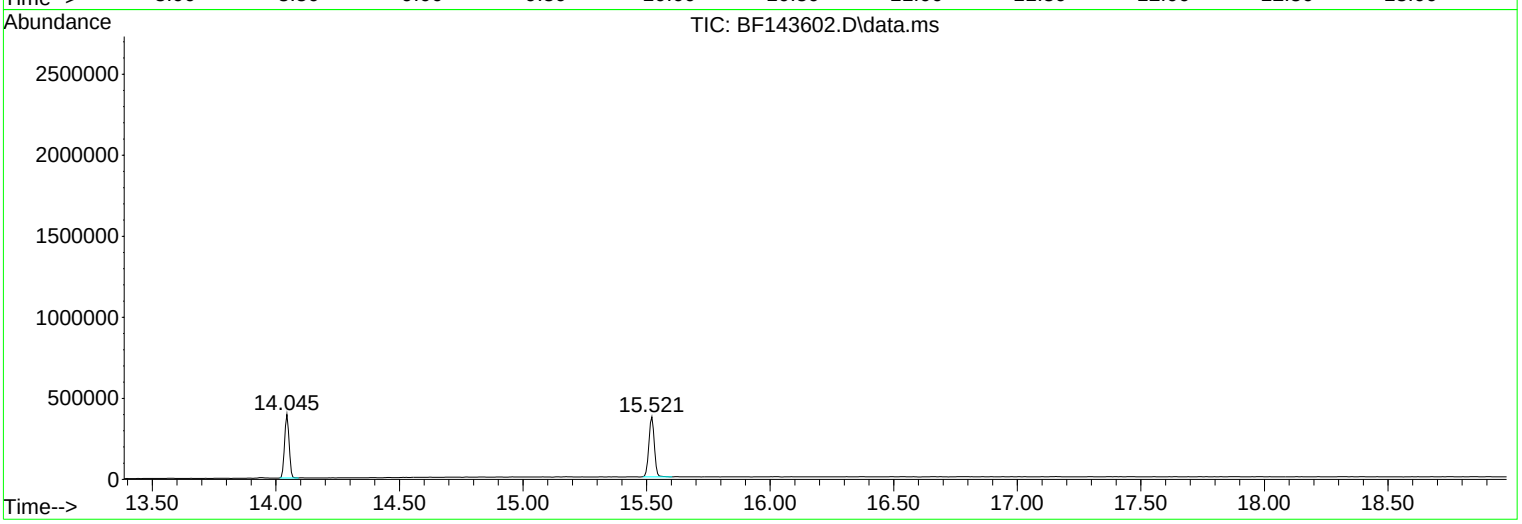
Instrument :
BNA_F
ClientSampleId :
MW-19C-082125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.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\BF082725\
Data File : BF143602.D
Acq On : 27 Aug 2025 12:22
Operator : RC/JU
Sample : Q2936-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-19C-082125

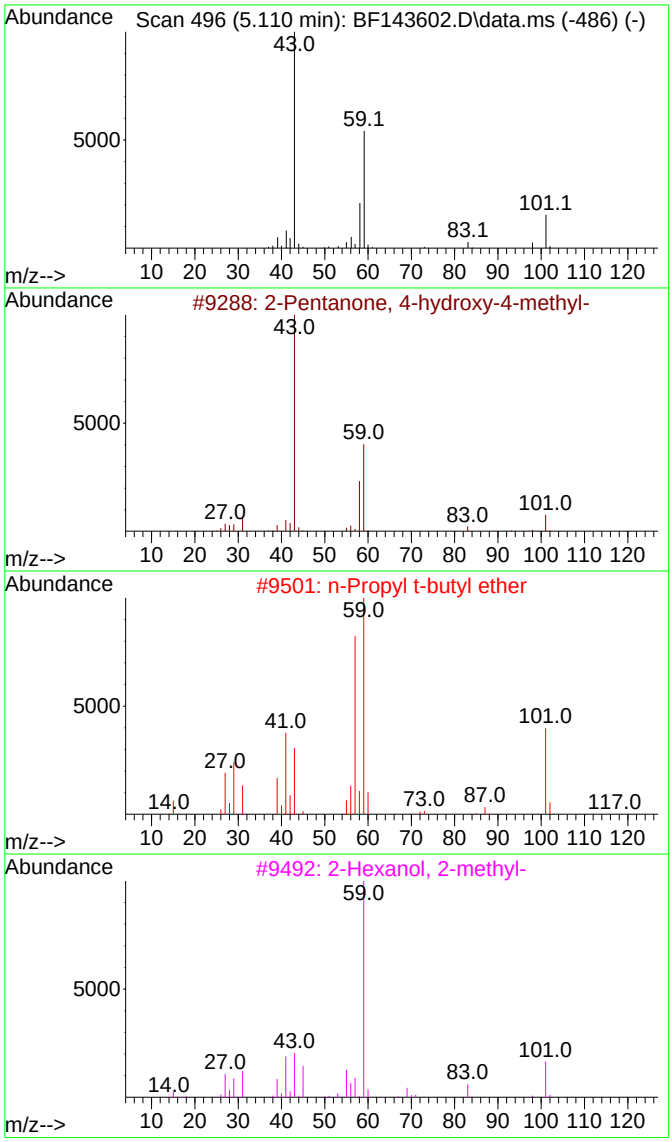
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

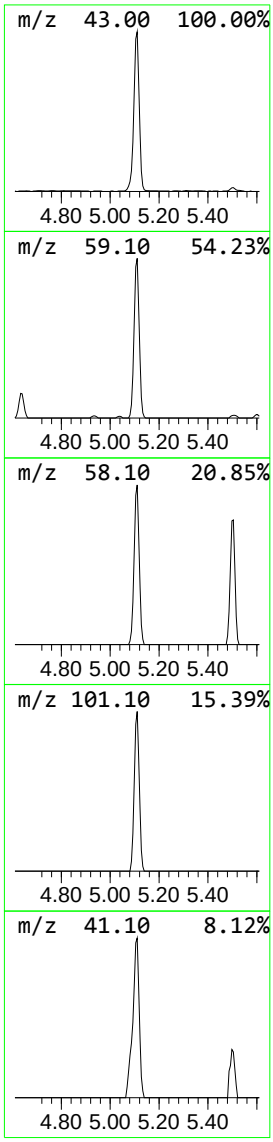
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	6.47 ng	211399	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Sample Results: **BF143602.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143602.D
Acq On : 27 Aug 2025 12:22
Operator : RC/JU
Sample : Q2936-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-19C-082125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.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-...	5.110	6.5	ng	211399	1	6.892	653215	20.0

Raw Data: **BP025551.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	FB-02-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-04	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
BP025551.D	1	08/22/25 10:34	08/22/25 16:17	PB169362

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	2.90	J	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	5.30	U	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	5.30	U	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	5.30	U	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: **BP025551.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	FB-02-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-04	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
BP025551.D	1	08/22/25 10:34	08/22/25 16:17	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.30	U	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	5.30	U	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	5.30	U	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	2.60	J	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	0.66	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	5.30	U	0.53	5.30	ug/L
120-12-7	Anthracene	5.30	U	0.64	5.30	ug/L
86-74-8	Carbazole	5.30	U	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	U	2.00	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	10.5	U	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: **BP025551.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	FB-02-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-04	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
BP025551.D	1	08/22/25 10:34	08/22/25 16:17	PB169362

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	62.6		23 - 138	42%	SPK: 150
13127-88-3	Phenol-d6	39.1		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.3		67 - 132	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.1		52 - 132	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		44 - 137	92%	SPK: 150
1718-51-0	Terphenyl-d14	80.8		42 - 152	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	170000	7.778			
1146-65-2	Naphthalene-d8	707000	10.543			
15067-26-2	Acenaphthene-d10	478000	14.395			
1517-22-2	Phenanthrene-d10	1000000	17.189			
1719-03-5	Chrysene-d12	1030000	21.63			
1520-96-3	Perylene-d12	1170000	25.007			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	84.7	J		3.03	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.00	AB		4.94	ug/L
100-51-6	Benzyl Alcohol	5.40	J		8.01	ug/L
000090-05-1	Phenol, 2-methoxy-	3.40	J		8.86	ug/L
1000355-69-8	Acetoxyacetic acid, 3-methylbut-2-	20.1	J		9.80	ug/L
013429-07-7	2-Propanol, 1-(2-methoxypropoxy)-	30.4	J		10.0	ug/L
007785-53-7	3-Cyclohexene-1-methanol, .alpha.,	2.50	J		10.6	ug/L

Raw Data: **BP025551.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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	FB-02-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-04	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
BP025551.D	1	08/22/25 10:34	08/22/25 16:17	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
055956-25-7	2-Propanol, 1-[1-methyl-2-(2-prope	5.90	J		11.1	ug/L
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	6.10	J		11.1	ug/L
070220-93-8	Tricyclo[4.2.1.1(2,5)]dec-3-en-9-o	2.50	J		13.6	ug/L
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	6.90	J		17.9	ug/L
073033-09-7	cis-10-Nonadecenoic acid	3.90	J		19.3	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: **BP025551.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025551.D
Acq On : 22 Aug 2025 16:17
Operator : CG/JU
Sample : Q2936-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-02-082125

Quant Time: Aug 22 16:40:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

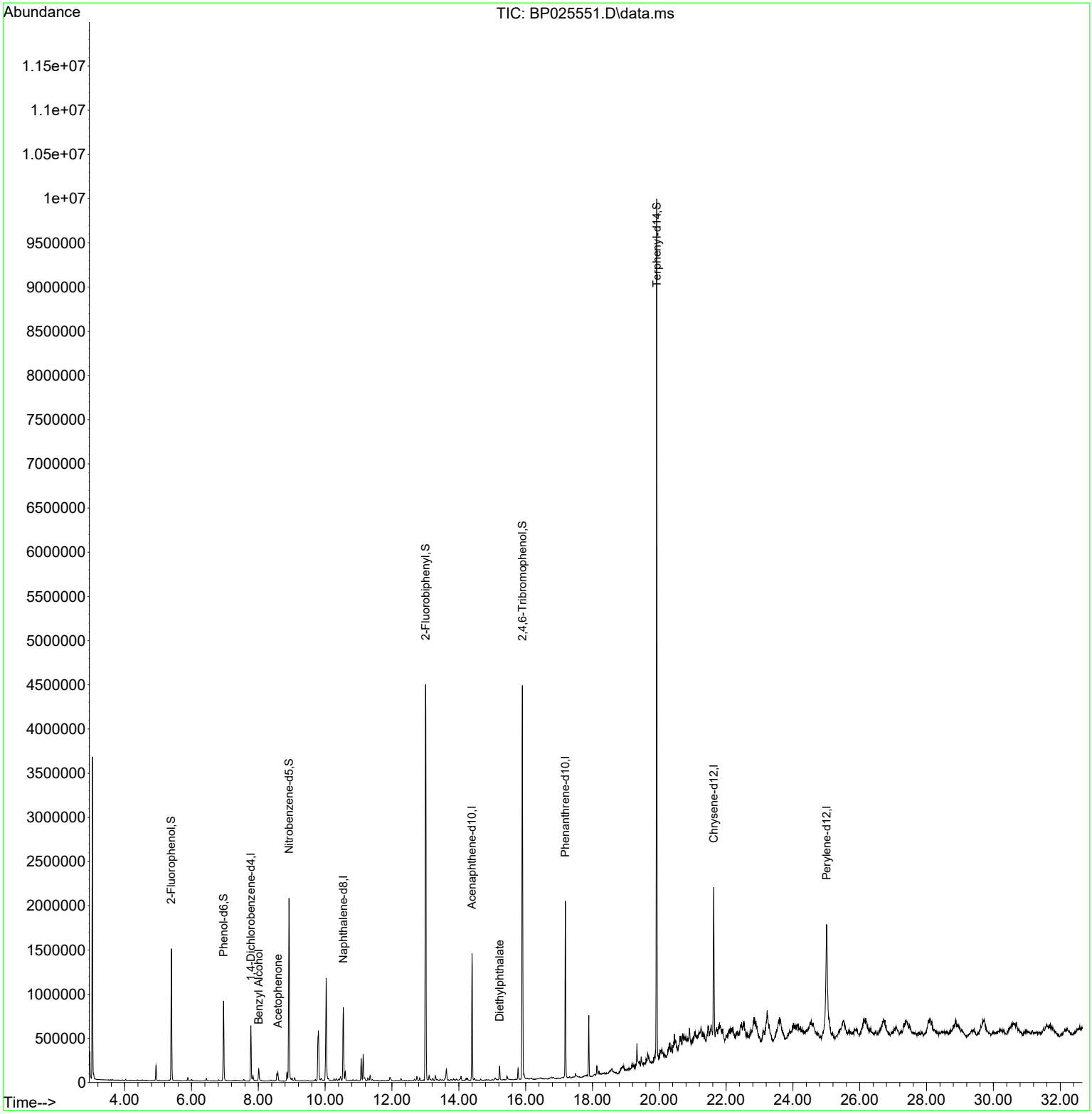
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.778	152	170389	20.000	ng		-0.02
21) Naphthalene-d8	10.543	136	707219	20.000	ng		-0.02
39) Acenaphthene-d10	14.395	164	478193	20.000	ng		-0.01
64) Phenanthrene-d10	17.189	188	1003191	20.000	ng		-0.01
76) Chrysene-d12	21.630	240	1028642	20.000	ng		-0.02
86) Perylene-d12	25.007	264	1166717	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.396	112	642058	62.578	ng		-0.01
7) Phenol-d6	6.960	99	514978	39.149	ng		0.00
23) Nitrobenzene-d5	8.919	82	1150277	82.276	ng		-0.02
42) 2,4,6-Tribromophenol	15.901	330	888954	138.111	ng		-0.01
45) 2-Fluorobiphenyl	13.007	172	2662899	76.106	ng		-0.01
79) Terphenyl-d14	19.924	244	4542919	80.802	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	8.013	79	53630	5.131	ng		99
22) Acetophenone	8.584	105	49233	2.776	ng	#	95
60) Diethylphthalate	15.219	149	87295	2.453	ng		99

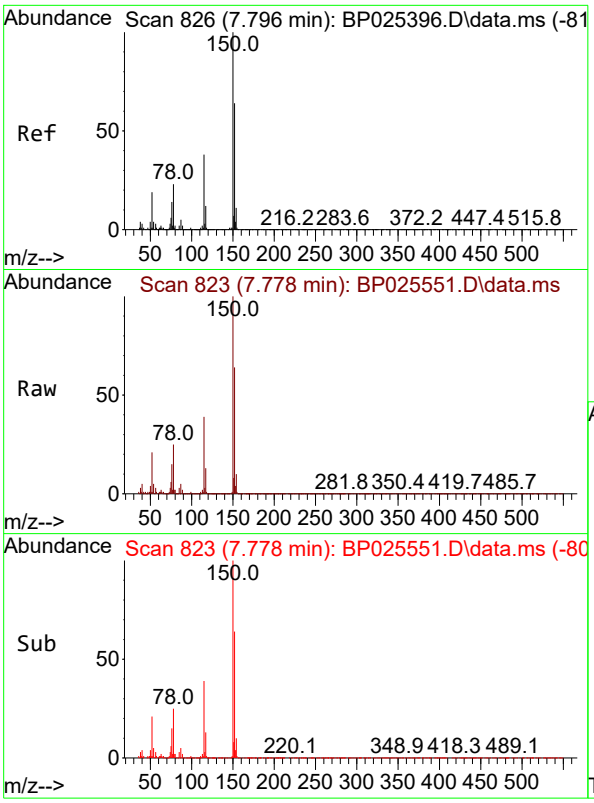
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025551.D
Acq On : 22 Aug 2025 16:17
Operator : CG/JU
Sample : Q2936-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-02-082125

Quant Time: Aug 22 16:40:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



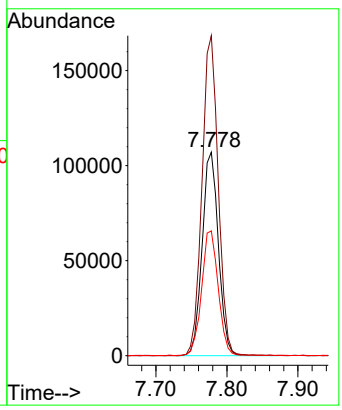


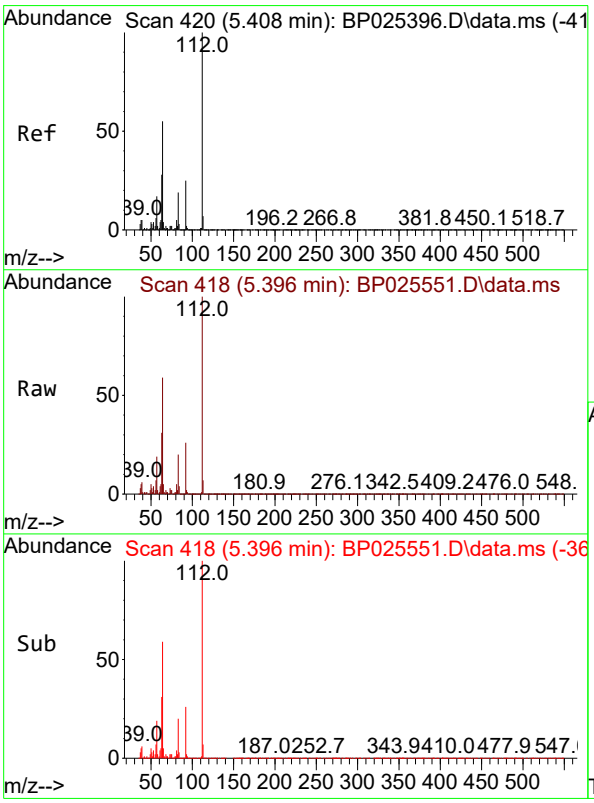
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Instrument :
BNA_P
ClientSampleId :
FB-02-082125

Tgt Ion:152 Resp: 170389

Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.9	188.9
115	61.3	48.5	72.7

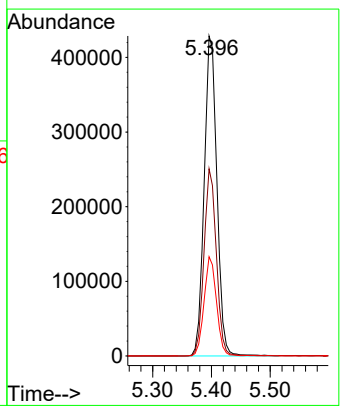


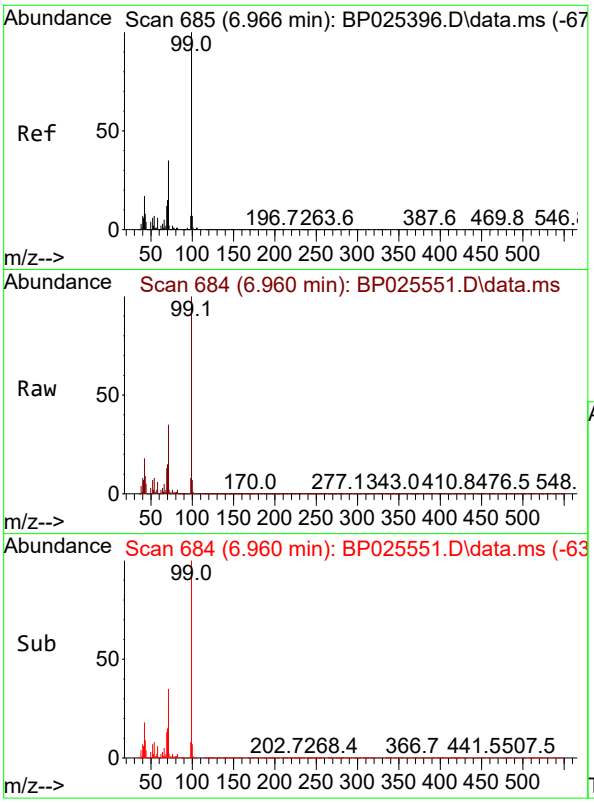


#5
2-Fluorophenol
Concen: 62.578 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Tgt Ion:112 Resp: 642058

Ion	Ratio	Lower	Upper
112	100		
64	58.5	43.8	65.8
63	31.0	22.7	34.1



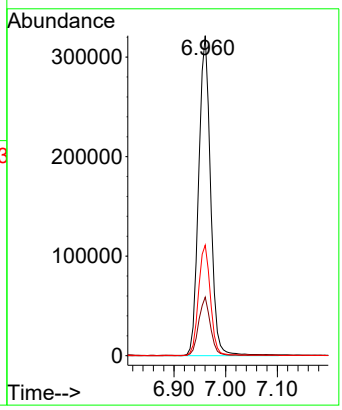


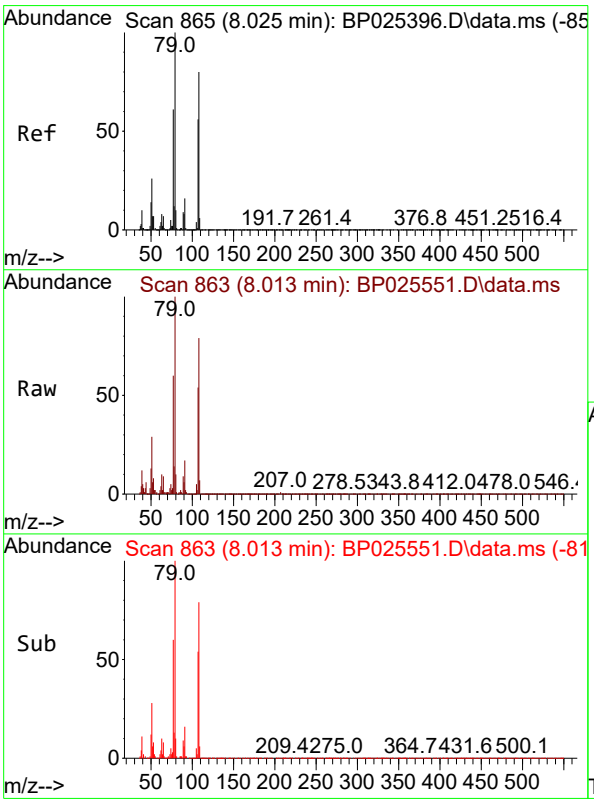
#7
Phenol-d6
Concen: 39.149 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Instrument :
BNA_P
ClientSampleId :
FB-02-082125

Tgt Ion: 99 Resp: 514978

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	34.5	28.2	42.4

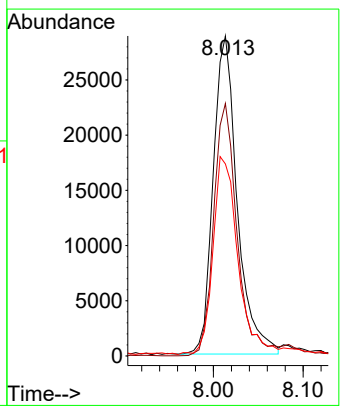


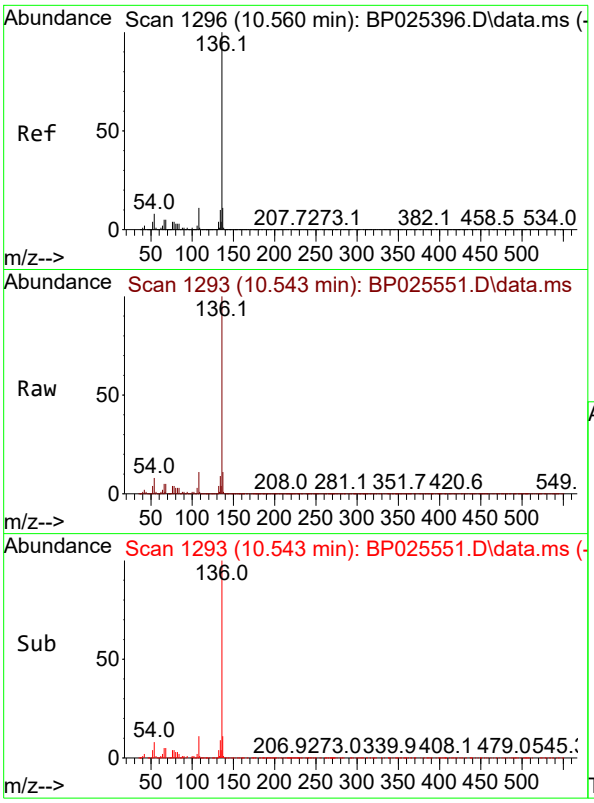


#15
Benzyl Alcohol
Concen: 5.131 ng
RT: 8.013 min Scan# 863
Delta R.T. -0.012 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Tgt Ion: 79 Resp: 53630

Ion	Ratio	Lower	Upper
79	100		
108	78.9	63.8	95.6
77	60.0	49.0	73.4



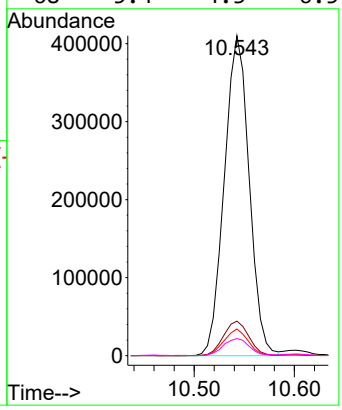


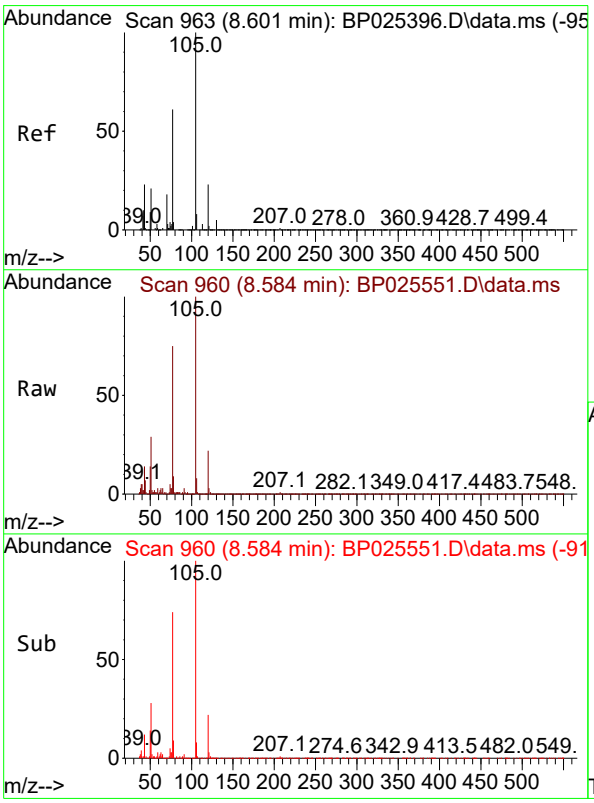
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Instrument :
BNA_P
ClientSampleId :
FB-02-082125

Tgt Ion:136 Resp: 707219

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.3	6.0	9.0
68	5.4	4.3	6.5

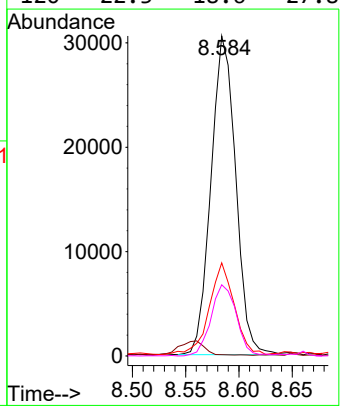


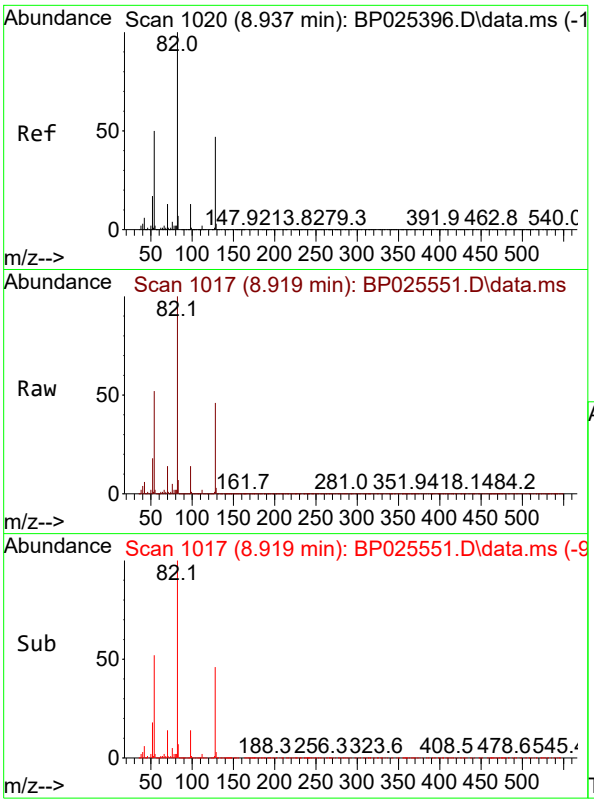


#22
Acetophenone
Concen: 2.776 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.018 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Tgt Ion:105 Resp: 49233

Ion	Ratio	Lower	Upper
105	100		
71	0.4	2.6	4.0#
51	29.1	20.6	30.8
120	22.3	18.6	27.8



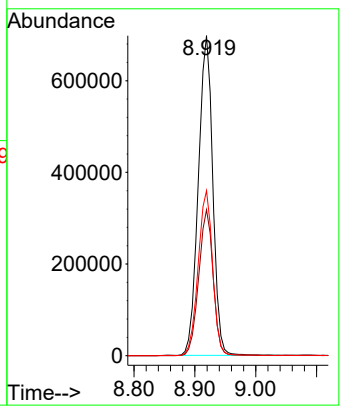


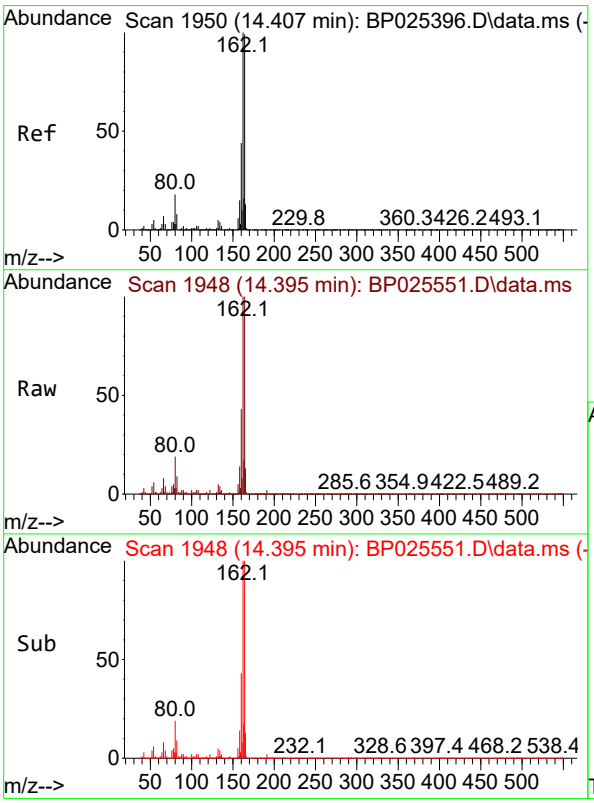
#23
Nitrobenzene-d5
Concen: 82.276 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Instrument :
BNA_P
ClientSampleId :
FB-02-082125

Tgt Ion: 82 Resp: 1150277

Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.7	56.5
54	51.6	39.8	59.6

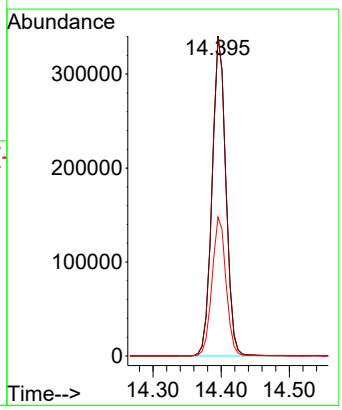


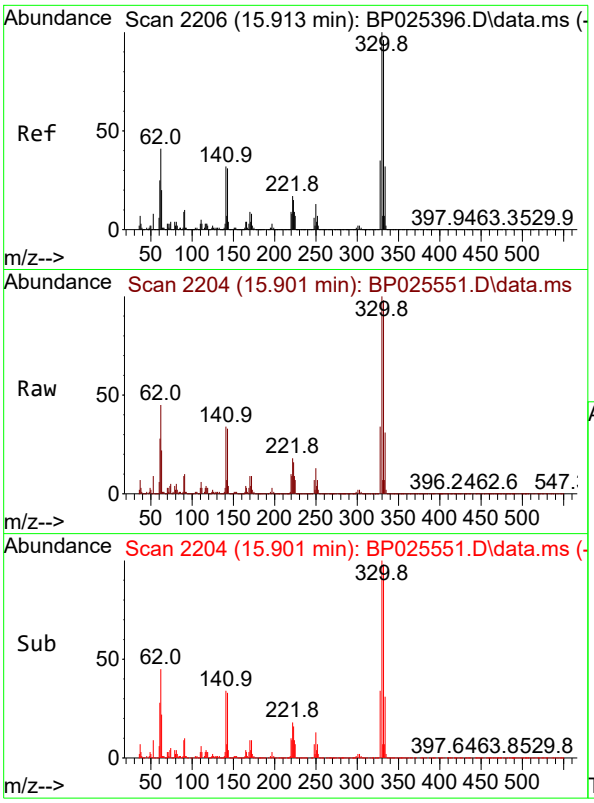


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Tgt Ion:164 Resp: 478193

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.0	121.6
160	43.4	35.4	53.2



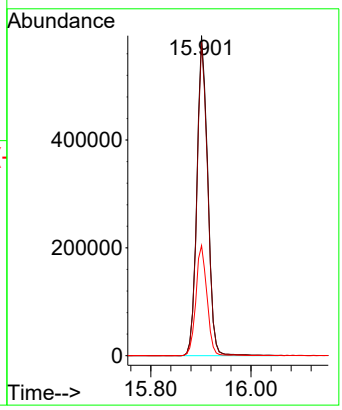


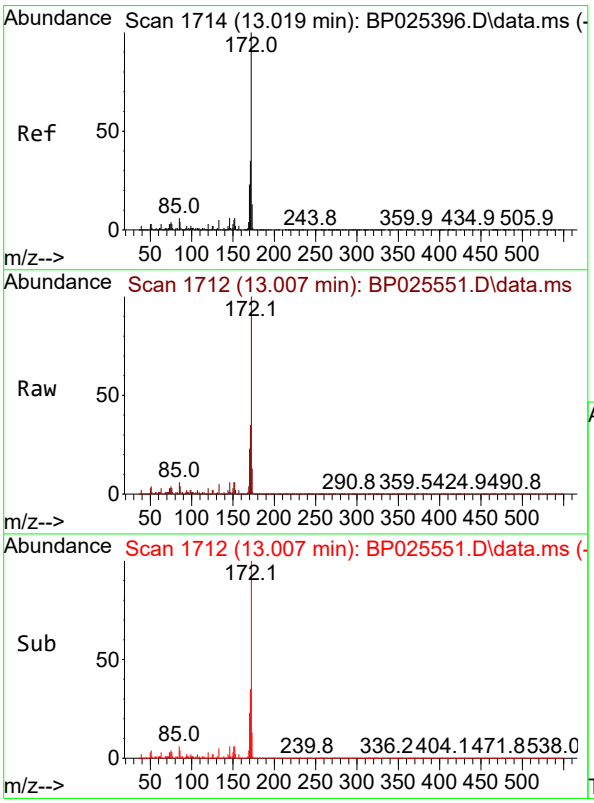
#42
2,4,6-Tribromophenol
Concen: 138.111 ng
RT: 15.901 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Instrument :
BNA_P
ClientSampleId :
FB-02-082125

Tgt Ion:330 Resp: 888954

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	34.9	26.6	39.8

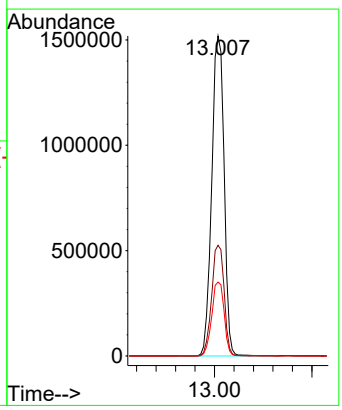


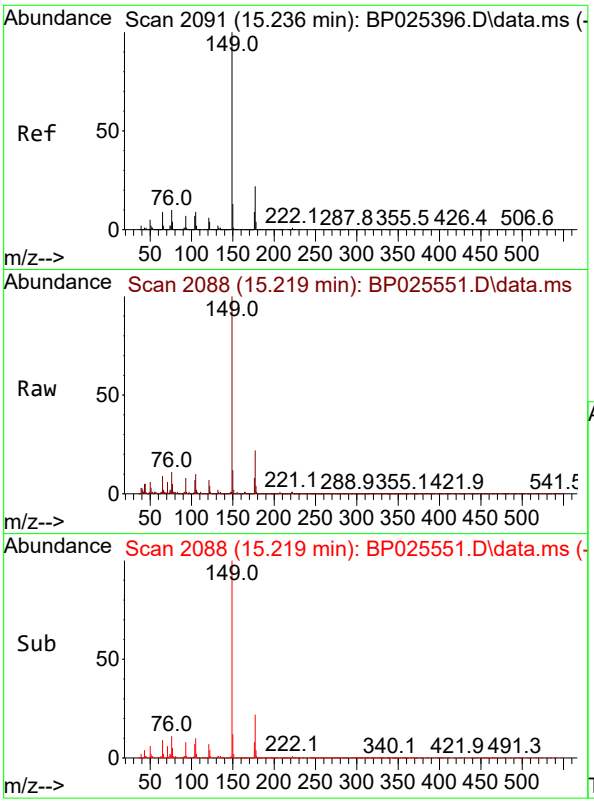


#45
2-Fluorobiphenyl
Concen: 76.106 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Tgt Ion:172 Resp: 2662899

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	23.1	18.6	28.0



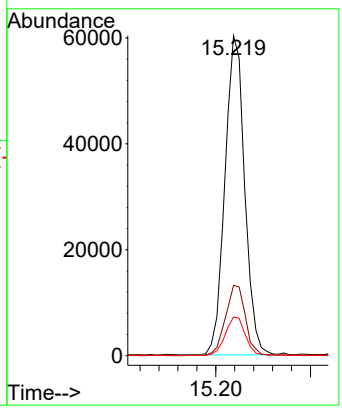


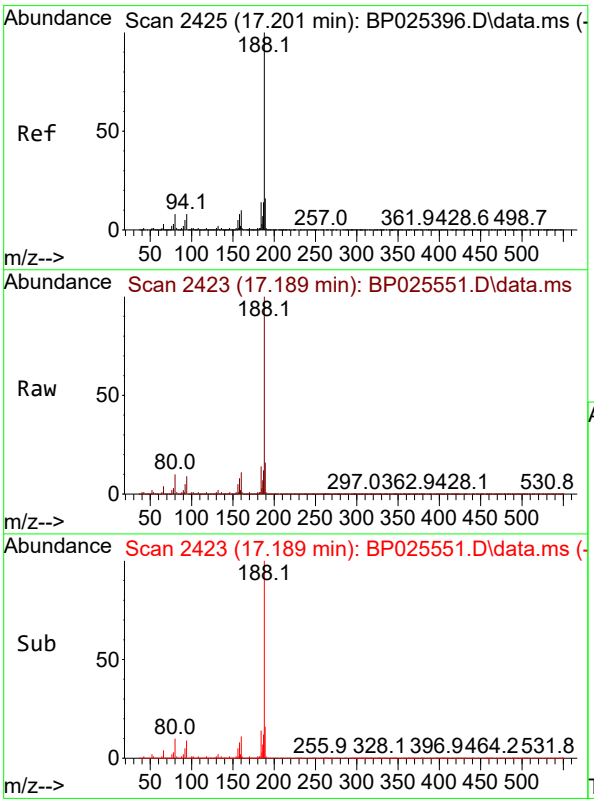
#60
Diethylphthalate
Concen: 2.453 ng
RT: 15.219 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Instrument :
BNA_P
ClientSampleId :
FB-02-082125

Tgt Ion:149 Resp: 87295

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.3	25.9
150	12.1	10.3	15.5

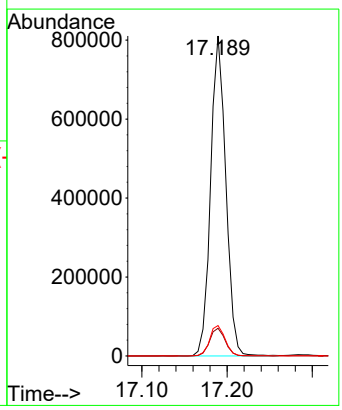


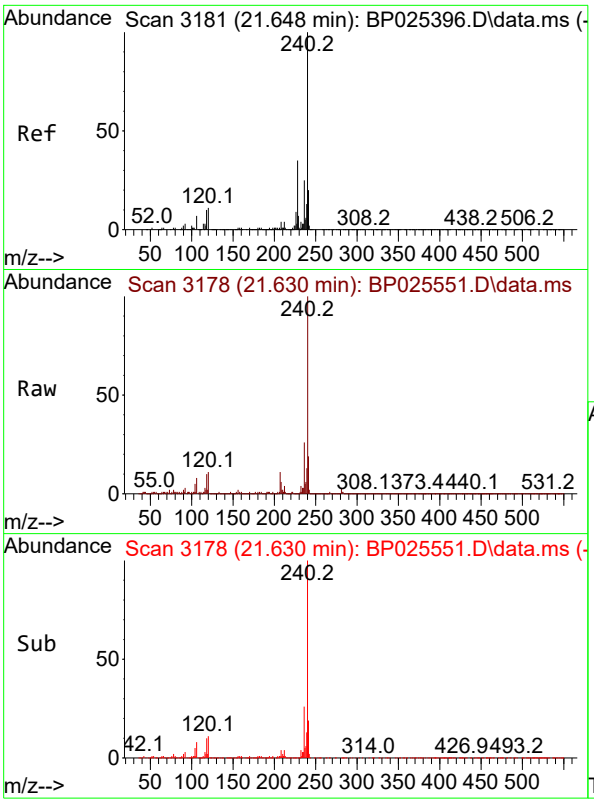


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Tgt Ion:188 Resp: 1003191

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.5	6.7	10.1



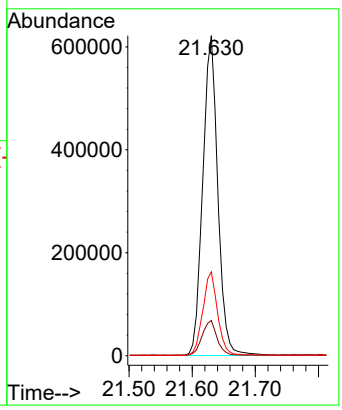


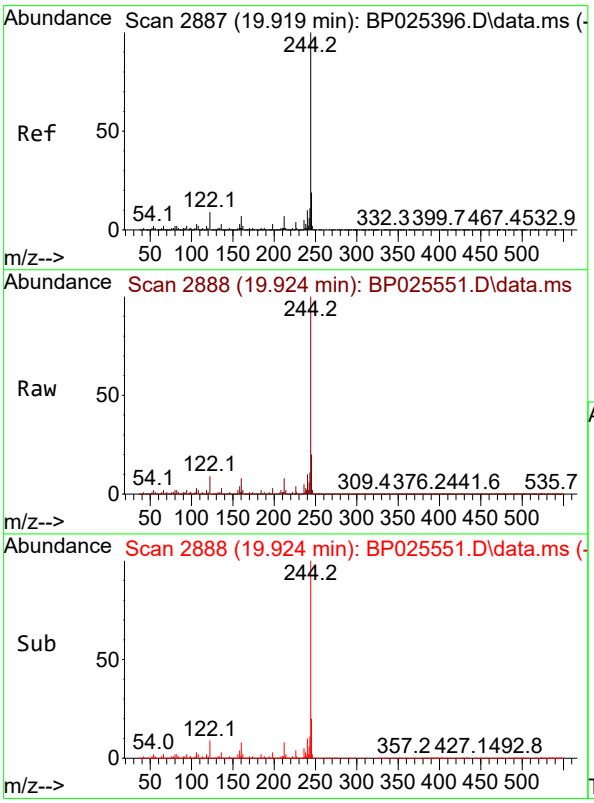
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Instrument :
BNA_P
ClientSampleId :
FB-02-082125

Tgt Ion:240 Resp: 1028642

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	26.2	19.8	29.8

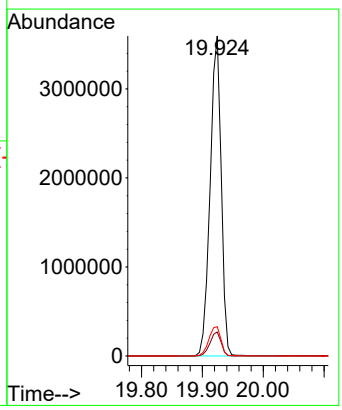


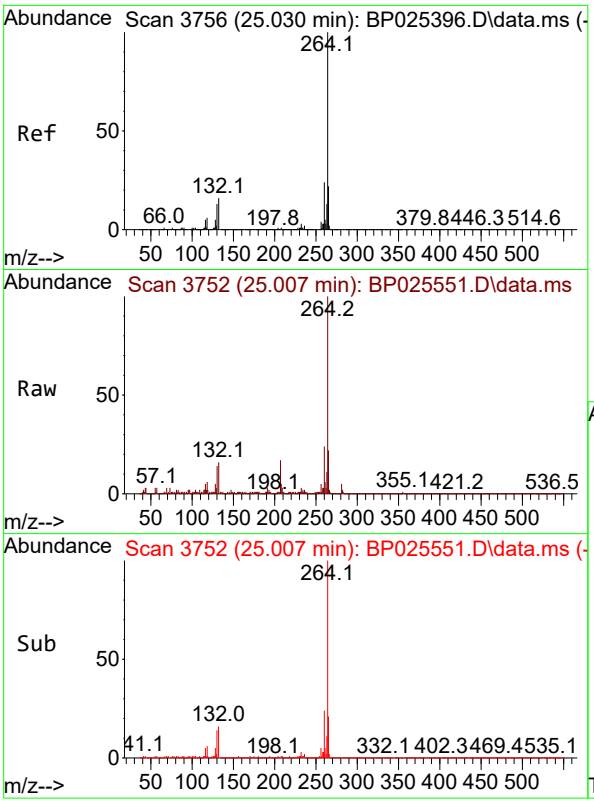


#79
Terphenyl-d14
Concen: 80.802 ng
RT: 19.924 min Scan# 2888
Delta R.T. 0.006 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Tgt Ion:244 Resp: 4542919

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.2	7.4	11.2



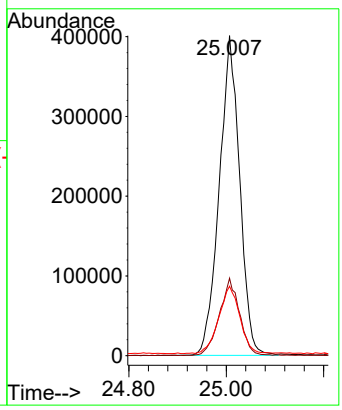


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Instrument :
BNA_P
ClientSampleId :
FB-02-082125

Tgt Ion:264 Resp: 1166717

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.7	17.4	26.0



Sample Results: **BP025551.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025551.D
Acq On : 22 Aug 2025 16:17
Operator : CG/JU
Sample : Q2936-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-02-082125

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

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

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

Signal : TIC: BP025551.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	11	16	22	rBV	3638896	4131309	33.38%	7.039%
2	4.937	334	340	347	rBV2	168888	242733	1.96%	0.414%
3	5.396	412	418	432	rVB	1491608	2203819	17.81%	3.755%
4	6.960	675	684	696	rBV	902530	1449035	11.71%	2.469%
5	7.778	812	823	829	rBV	627901	1027366	8.30%	1.750%
6	8.013	856	863	871	rBV	137705	255910	2.07%	0.436%
7	8.584	957	960	968	rVB	96672	149476	1.21%	0.255%
8	8.860	1000	1007	1010	rBV2	99826	167468	1.35%	0.285%
9	8.919	1010	1017	1028	rVB	2057430	3415314	27.60%	5.819%
10	9.796	1158	1166	1176	rBV	570698	1377542	11.13%	2.347%
11	10.031	1197	1206	1215	rBV	1157462	2086086	16.86%	3.554%
12	10.543	1285	1293	1299	rBV	828114	1443302	11.66%	2.459%
13	10.601	1299	1303	1314	rVB	103140	170075	1.37%	0.290%
14	11.078	1376	1384	1389	rBV	255204	406588	3.29%	0.693%
15	11.137	1389	1394	1399	rBV	286312	418509	3.38%	0.713%
16	13.007	1704	1712	1725	rBV	4481260	7862330	63.53%	13.396%
17	13.631	1812	1818	1825	rVB3	127851	243372	1.97%	0.415%
18	14.395	1941	1948	1955	rBV	1436757	2036127	16.45%	3.469%
19	15.219	2082	2088	2097	rVB	156586	237567	1.92%	0.405%
20	15.772	2177	2182	2191	rBV	123228	184120	1.49%	0.314%
21	15.901	2197	2204	2211	rBV	4455280	6776893	54.76%	11.547%
22	17.189	2414	2423	2434	rVB	2000067	2539591	20.52%	4.327%
23	17.889	2537	2542	2550	rVB	692924	836586	6.76%	1.425%
24	18.130	2579	2583	2590	rBV2	97985	159032	1.29%	0.271%
25	19.330	2783	2787	2798	rVV	258793	476306	3.85%	0.812%
26	19.460	2805	2809	2813	rBV3	105369	167384	1.35%	0.285%
27	19.648	2839	2841	2847	rBV6	91696	160263	1.30%	0.273%
28	19.924	2882	2888	2893	rVB	9696559	12375397	100.00%	21.086%
29	21.630	3172	3178	3184	rVB	1691397	2709635	21.90%	4.617%
30	25.007	3744	3752	3762	rVB	1061217	2981507	24.09%	5.080%

Sum of corrected areas: 58690642

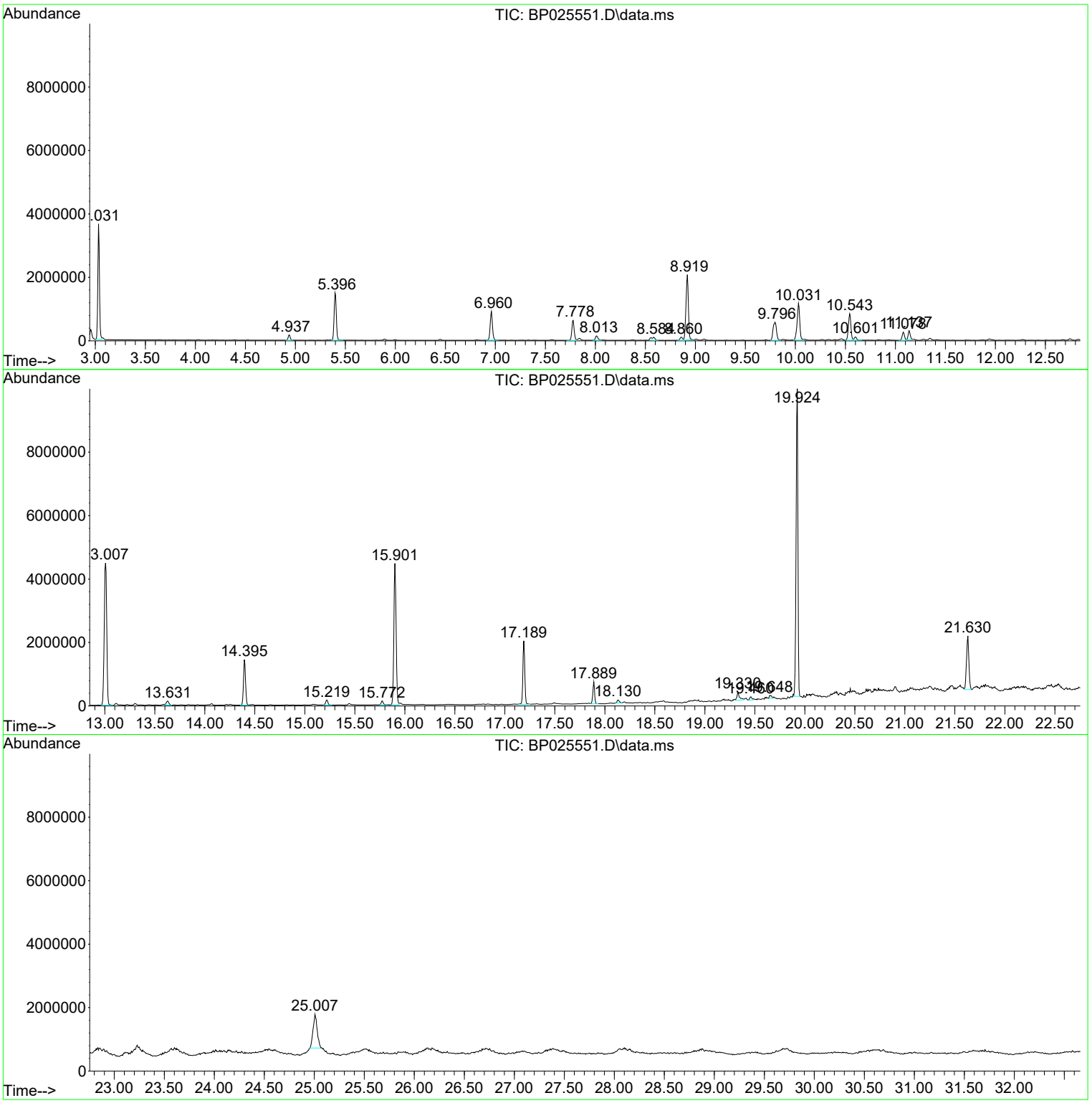
Sample Results: **BP025551.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025551.D
Acq On : 22 Aug 2025 16:17
Operator : CG/JU
Sample : Q2936-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-02-082125

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025551.D
Acq On : 22 Aug 2025 16:17
Operator : CG/JU
Sample : Q2936-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-02-082125

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

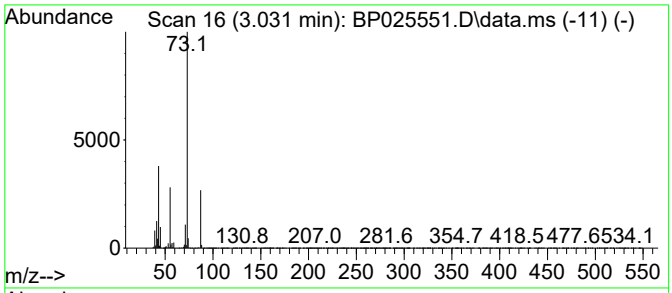
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

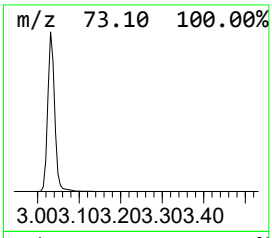
****

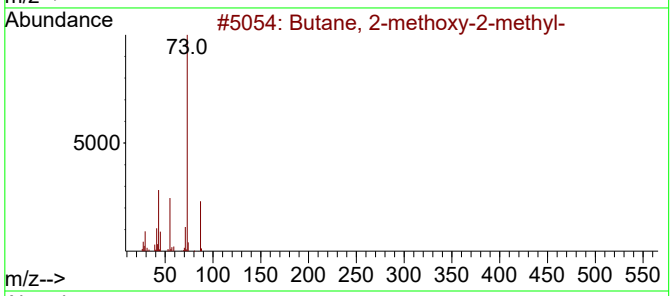
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

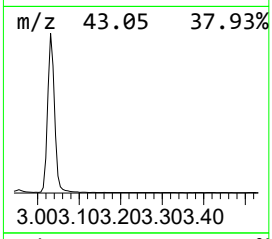
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	80.43 ng	4131310	1,4-Dichlorobenzene-d4	7.778

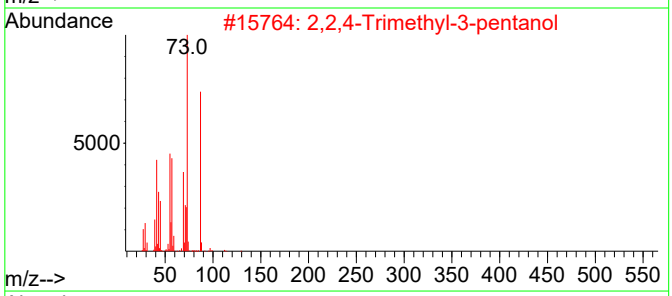
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17

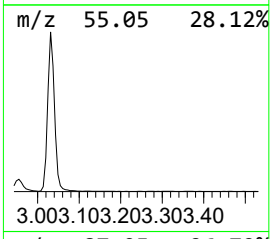


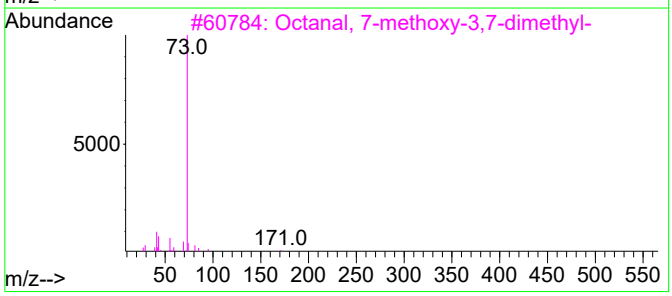


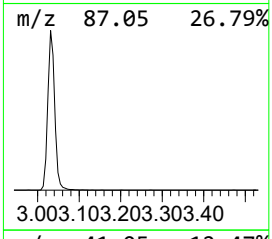


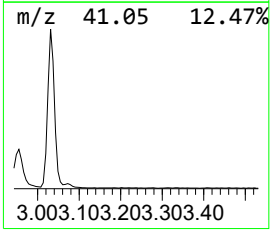












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Acq On : 22 Aug 2025 16:17
Operator : CG/JU
Sample : Q2936-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-02-082125

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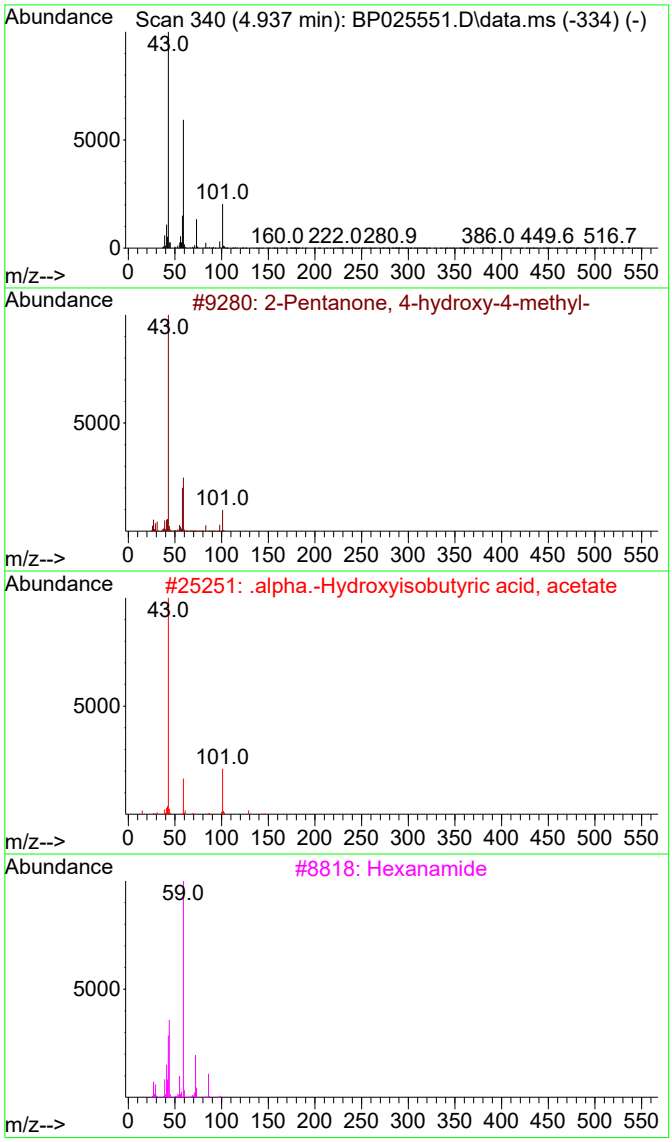
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

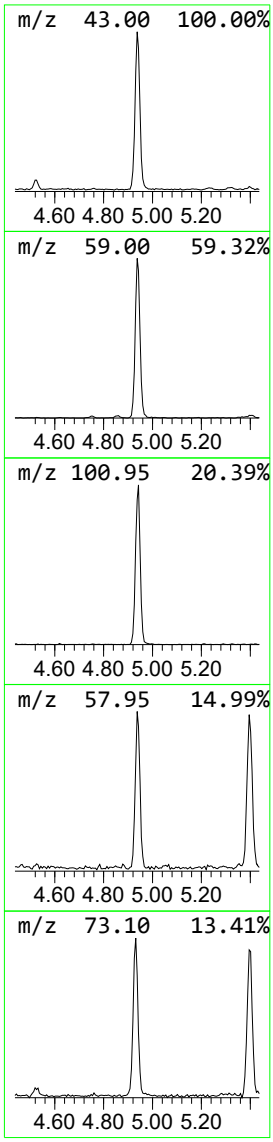
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	4.73 ng	242733	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	28
3	Hexanamide	115	C6H13NO	000628-02-4	27
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	27
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

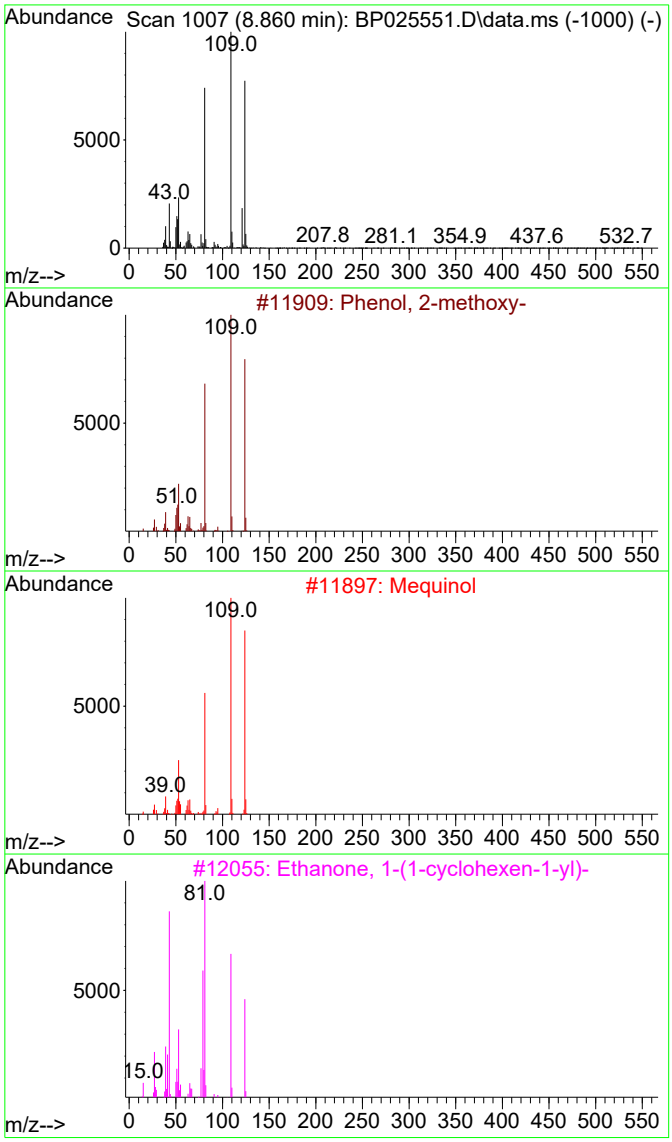
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

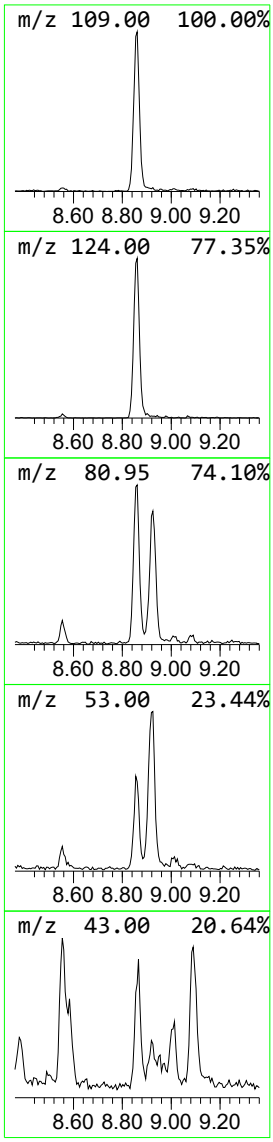
****

Peak Number 3 Phenol, 2-methoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.860	3.26 ng	167468	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
2	Mequinol	124	C7H8O2	000150-76-5	90
3	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	80
4	2(1H)-Pyridinone, 1-methyl-	109	C6H7NO	000694-85-9	50
5	Phenol, 4-amino-	109	C6H7NO	000123-30-8	42





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Instrument :
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ClientSampleId :
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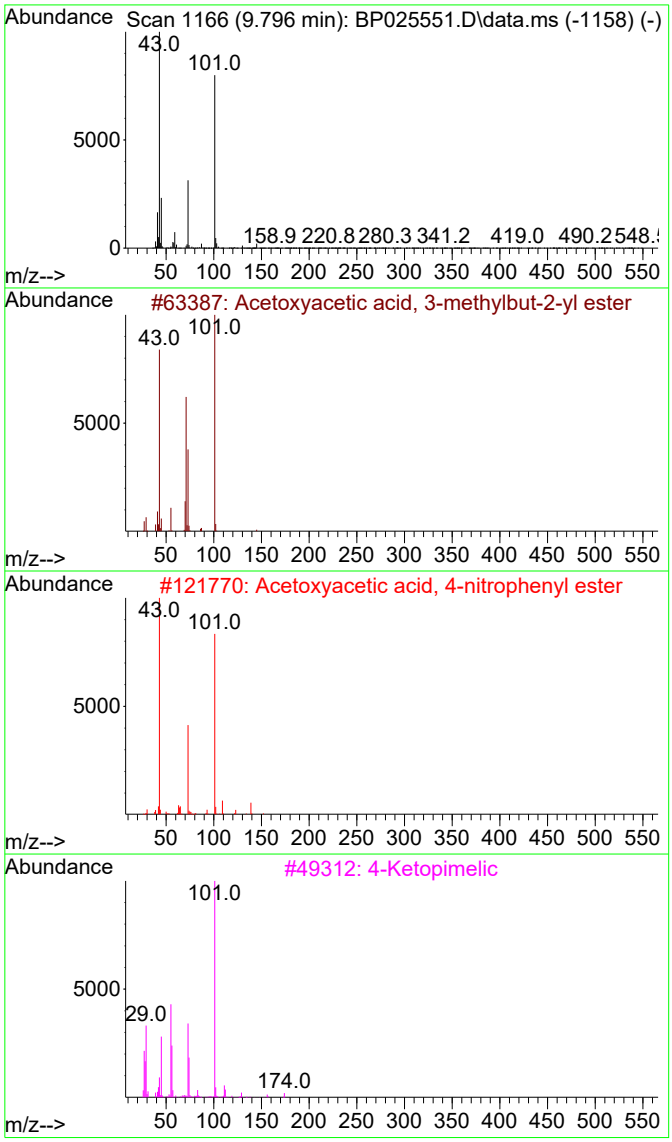
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

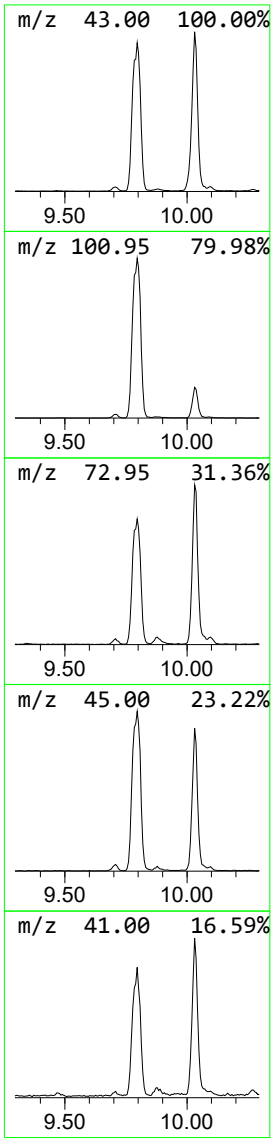
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Acetoxyacetic acid, 3-methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.796	19.09 ng	1377540	Naphthalene-d8	10.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetoxyacetic acid, 3-methylbut-...	188	C9H16O4	1000355-69-8	50
2	Acetoxyacetic acid, 4-nitropheny...	239	C10H9NO6	1000307-54-5	45
3	4-Ketopimelic	174	C7H10O5	000502-50-1	45
4	Acetoxyacetic acid, 4-cyanopheny...	219	C11H9NO4	1000307-54-3	45
5	Dipropylene glycol, diacetate	218	C10H18O5	1000506-25-8	42





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Misc :
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Instrument :
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ClientSampleId :
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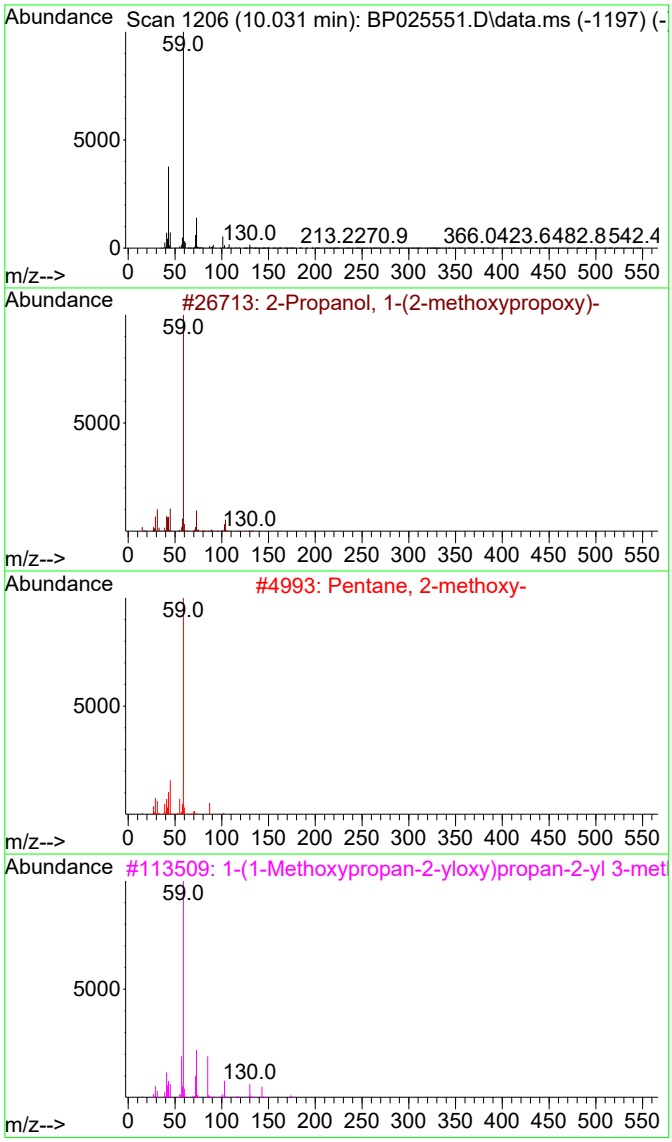
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

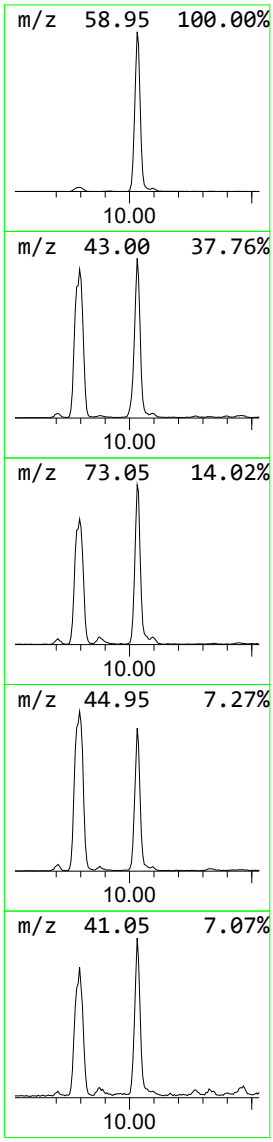
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Propanol, 1-(2-methoxypro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.031	28.91 ng	2086090	Naphthalene-d8	10.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	72
2	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	59
3	1-(1-Methoxypropan-2-yloxy)propa...	232	C12H24O4	1000367-13-2	56
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	53
5	Amylene hydrate	88	C5H12O	000075-85-4	50





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

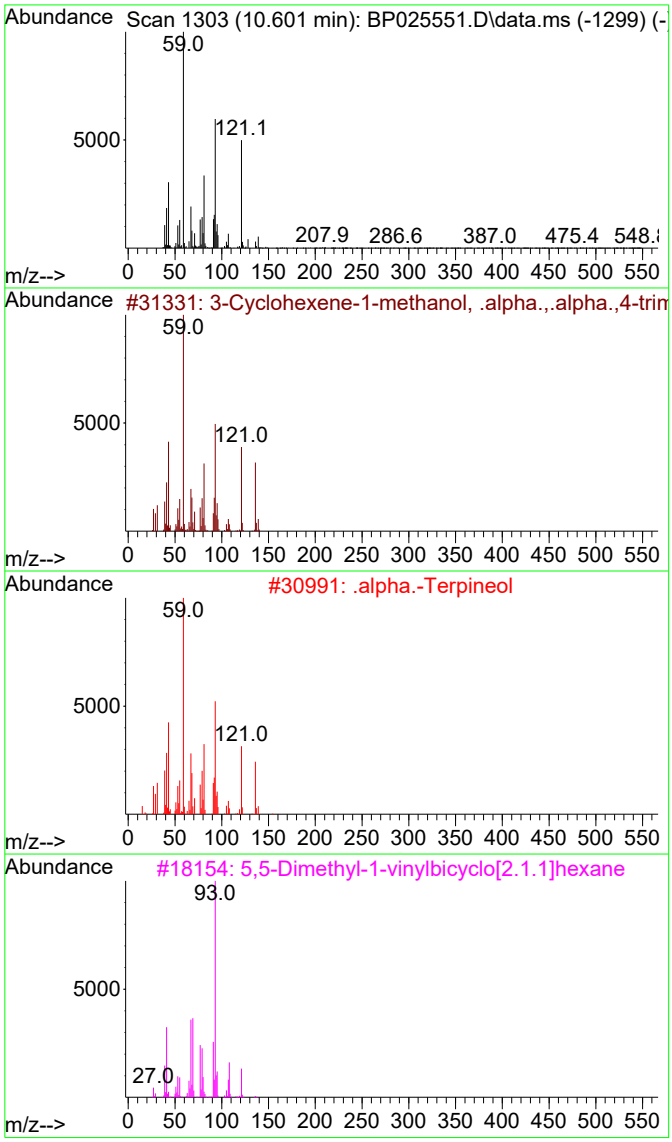
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

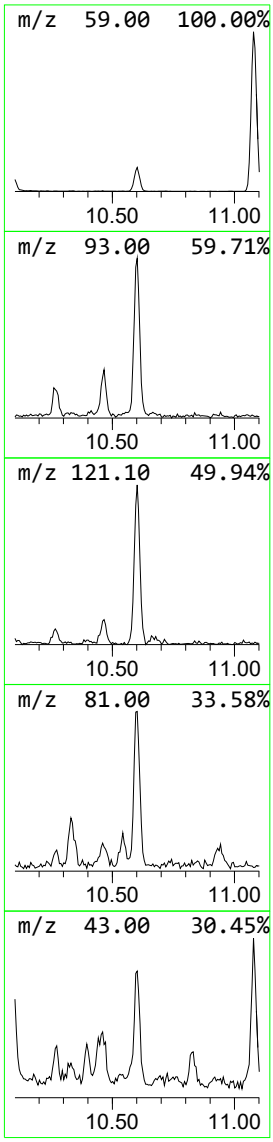
****

Peak Number 6 3-Cyclohexene-1-methanol, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.601	2.36 ng	170075	Naphthalene-d8	10.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexene-1-methanol, .alpha...	154	C10H18O	007785-53-7	72
2	.alpha.-Terpineol	154	C10H18O	000098-55-5	64
3	5,5-Dimethyl-1-vinylbicyclo[2.1....	136	C10H16	016626-39-4	35
4	(4-Methyl-cyclohex-3-enyl)-methanol	126	C8H14O	089690-46-0	22
5	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	22





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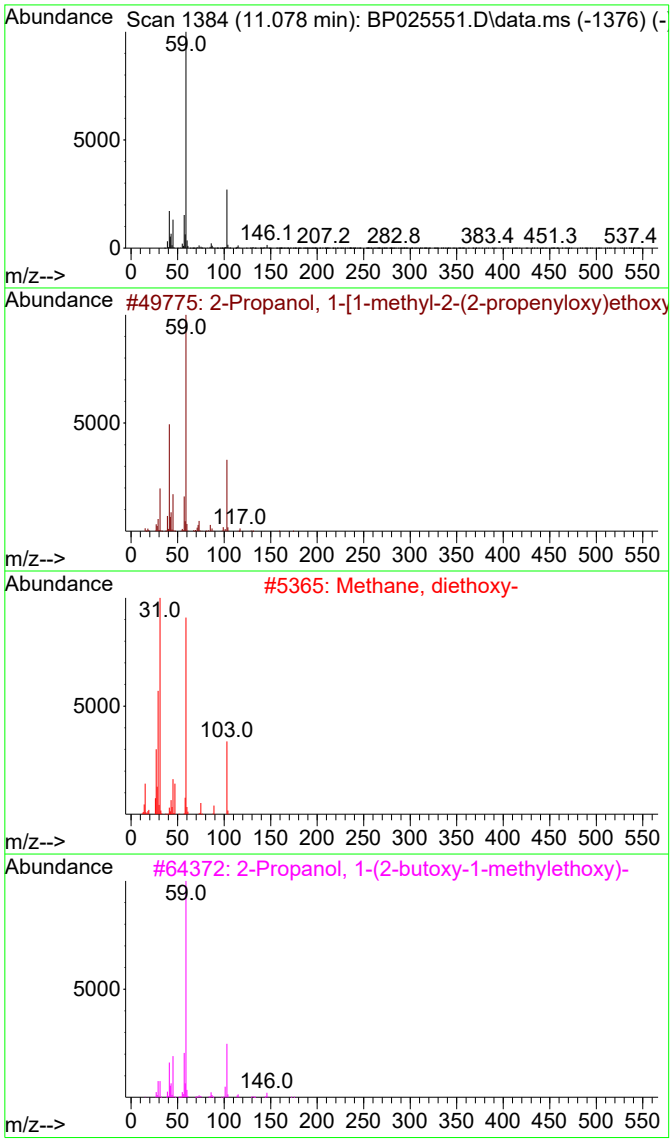
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

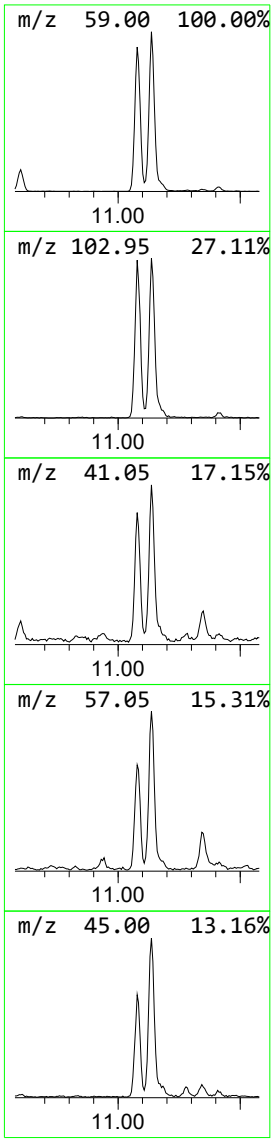
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Propanol, 1-[1-methyl-2-(... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.078	5.63 ng	406588	Naphthalene-d8	10.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	83
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	80
3	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	78
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
5	Dipropylene glycol (isomer 3)	134	C6H14O3	1000506-25-5	64





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ClientSampleId :
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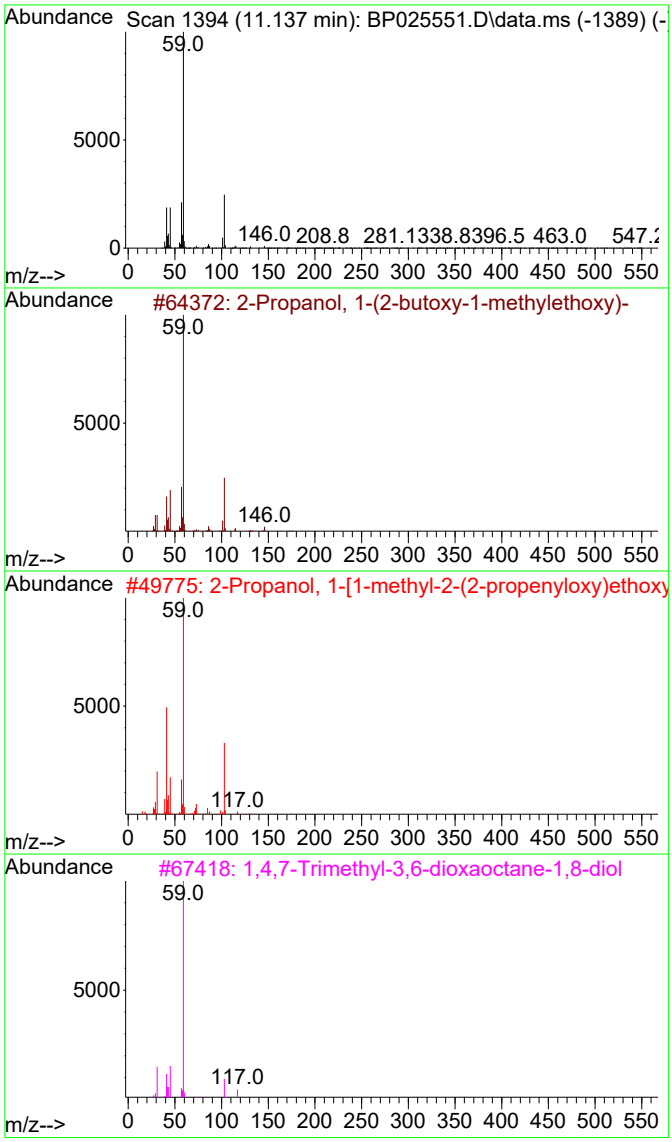
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

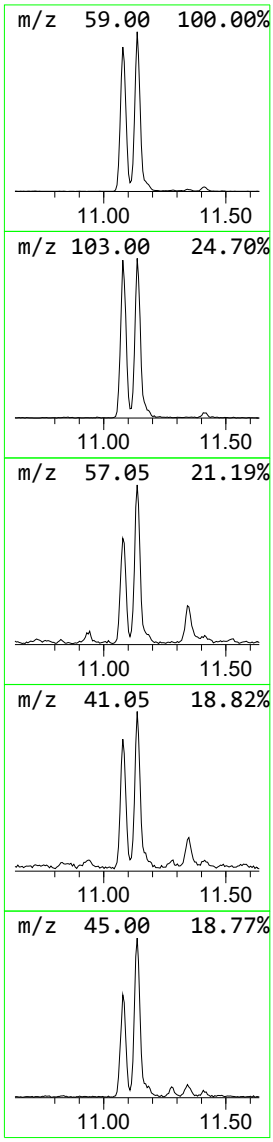
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.137	5.80 ng	418509	Naphthalene-d8	10.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	90
2	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	72
3	1,4,7-Trimethyl-3,6-dioxaoctane-...	192	C9H20O4	1000423-63-2	72
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
5	Dipropylene glycol (isomer 2)	134	C6H14O3	1000506-25-4	64





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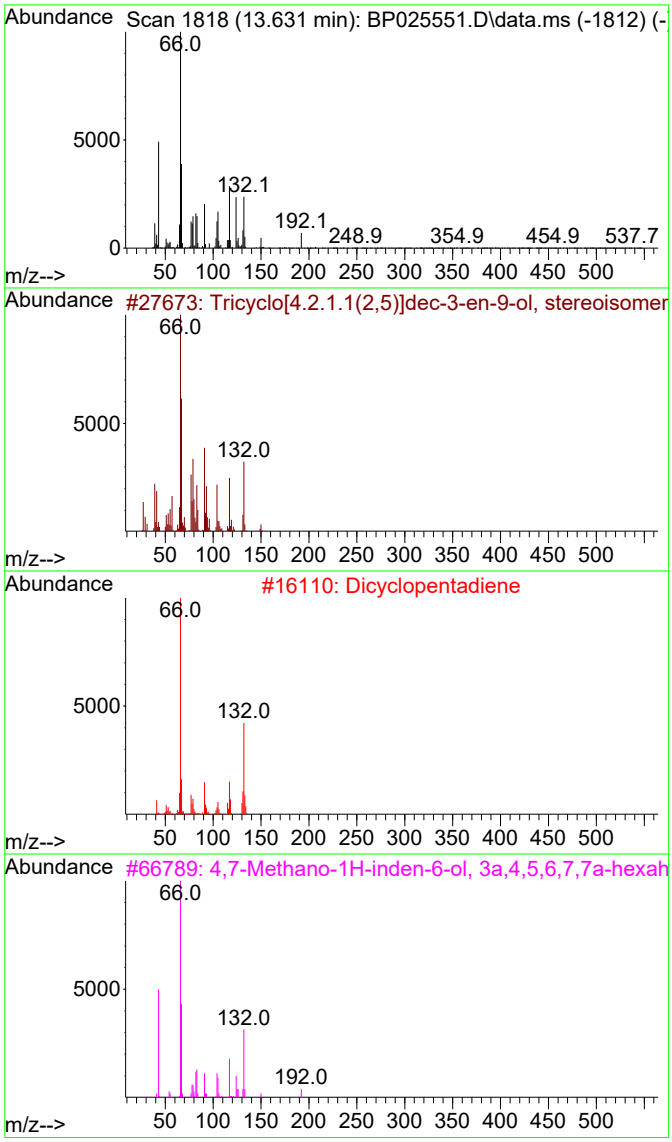
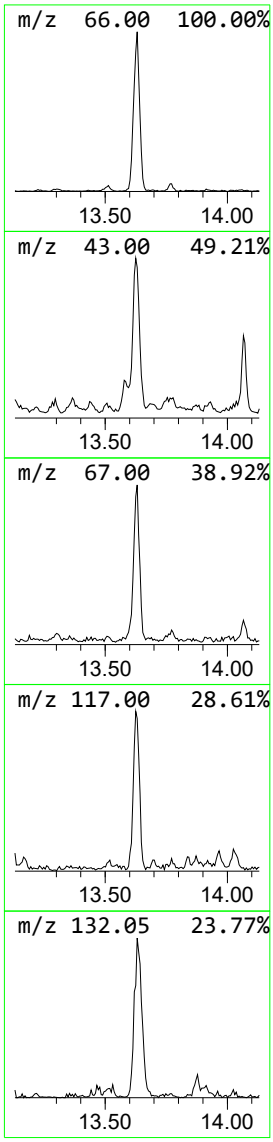
****
Peak Number 9 Tricyclo[4.2.1.1(2,5)]dec-3... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.631	2.39 ng	243372	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.2.1.1(2,5)]dec-3-en-9...	150	C10H14O	070220-93-8	72
2	Dicyclopentadiene	132	C10H12	000077-73-6	72
3	4,7-Methano-1H-inden-6-ol, 3a,4,...	192	C12H16O2	005413-60-5	64
4	4,9:5,8-Dimethano-1H-benz[f]inde...	198	C15H18	007158-25-0	64
5	9-Ethyltricyclo[5.2.1.0(2,6)]dec...	162	C12H18	018127-16-7	64





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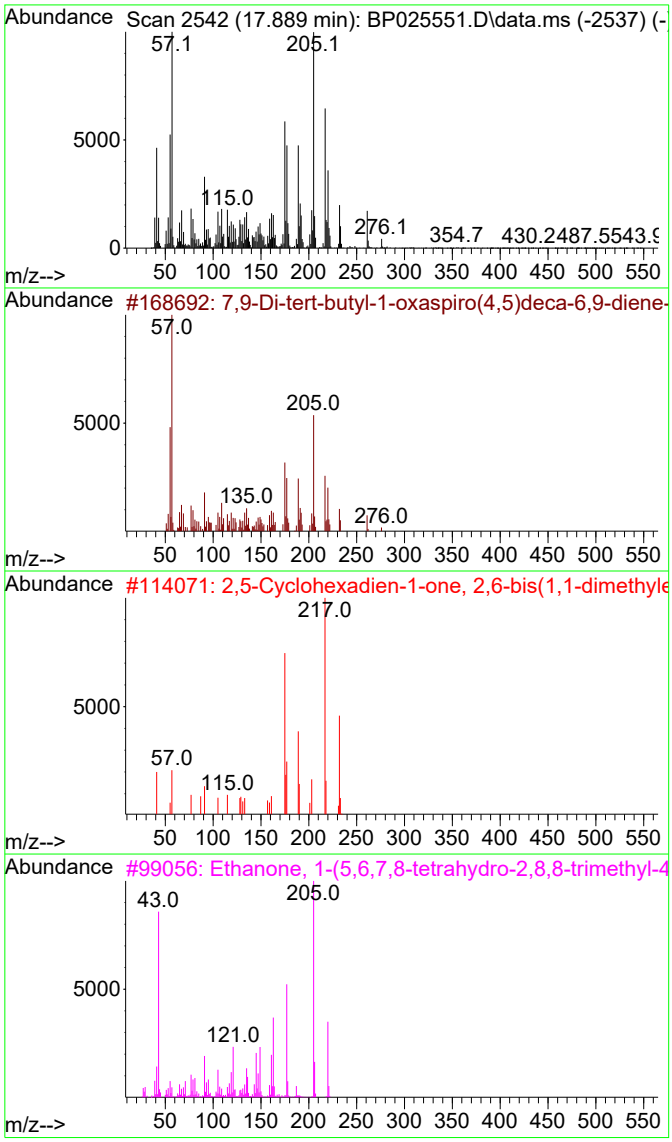
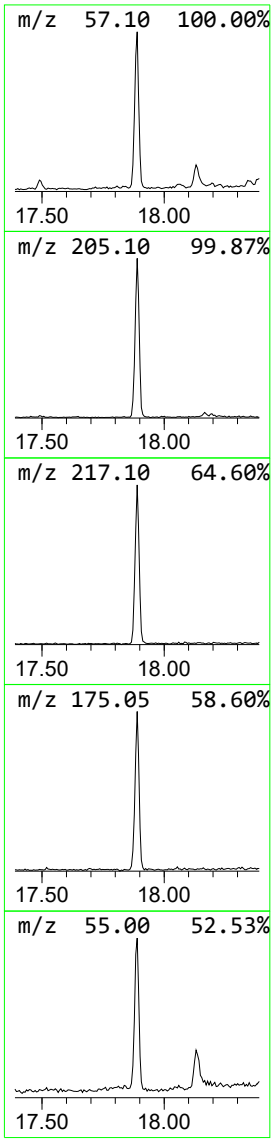
****

Peak Number 10 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.889	6.59 ng	836586	Phenanthrene-d10	17.189

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	93
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	56
4	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	50
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	45





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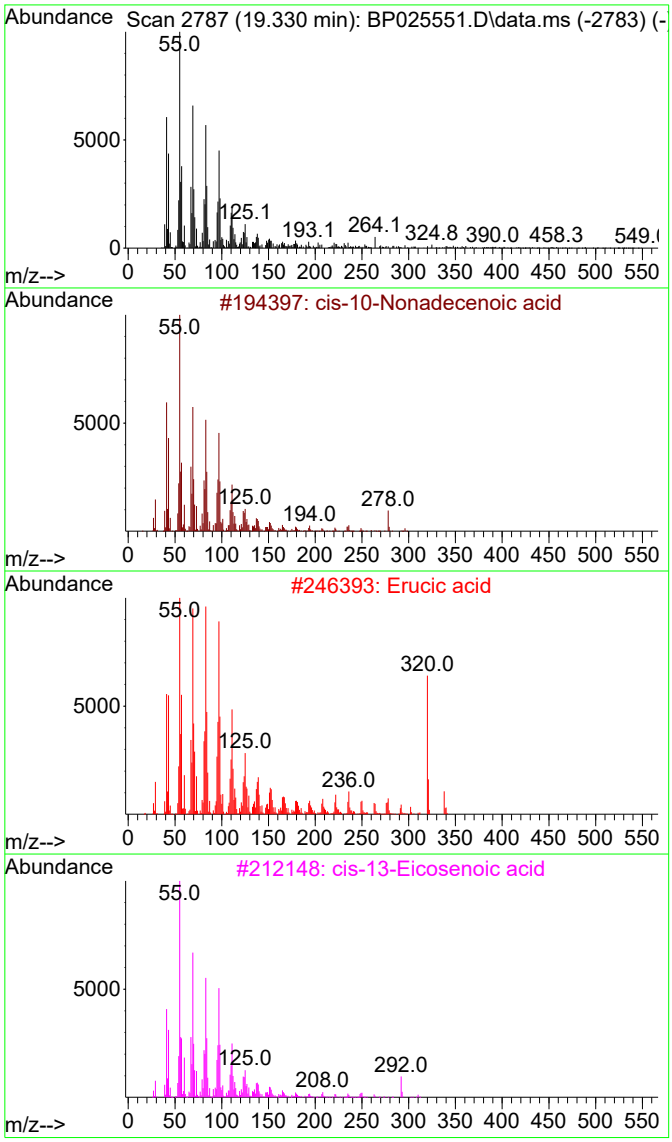
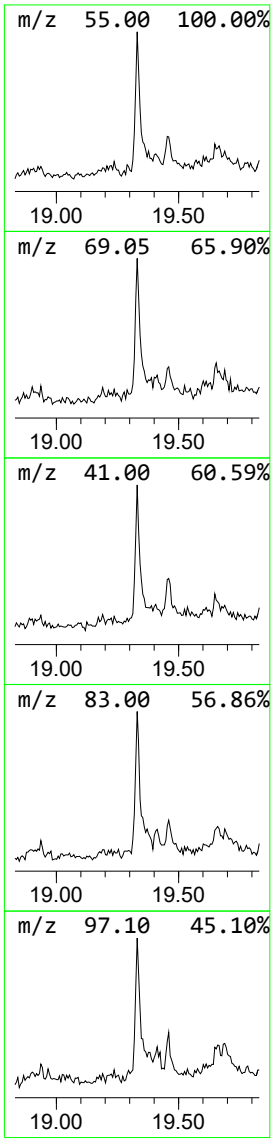
Peak Number 11 cis-10-Nonadecenoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.330	3.75 ng	476306	Phenanthrene-d10	17.189

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	99
2	Erucic acid	338	C22H42O2	000112-86-7	98
3	cis-13-Eicosenoic acid	310	C20H38O2	017735-94-3	95
4	18-Nonadecenoic acid	296	C19H36O2	076998-87-3	94
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91





Sample Results: **BP025551.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025551.D
Acq On : 22 Aug 2025 16:17
Operator : CG/JU
Sample : Q2936-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-02-082125

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.031	80.4	ng	4131310	1	7.778	1027370	20.0
2-Pentanone, 4-...	4.937	4.7	ng	242733	1	7.778	1027370	20.0
Phenol, 2-methoxy-	8.860	3.3	ng	167468	1	7.778	1027370	20.0
Acetoxyacetic a...	9.796	19.1	ng	1377540	2	10.543	1443300	20.0
2-Propanol, 1-(...	10.031	28.9	ng	2086090	2	10.543	1443300	20.0
3-Cyclohexene-1...	10.601	2.4	ng	170075	2	10.543	1443300	20.0
2-Propanol, 1-[...	11.078	5.6	ng	406588	2	10.543	1443300	20.0
2-Propanol, 1-(...	11.137	5.8	ng	418509	2	10.543	1443300	20.0
Tricyclo[4.2.1....	13.631	2.4	ng	243372	3	14.395	2036130	20.0
7,9-Di-tert-but...	17.889	6.6	ng	836586	4	17.189	2539590	20.0
cis-10-Nonadece...	19.330	3.8	ng	476306	4	17.189	2539590	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.: Q2936

Instrument ID: BNA_F Calibration Date(s): 08/26/2025 08/26/2025

Calibration Time(s): 09:11 12:32

LAB FILE ID: RRF2.5 = BF143585.D RRF005 = BF143586.D RRF010 = BF143587.D
RRF020 = BF143588.D RRF040 = BF143589.D RRF050 = BF143590.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.245	1.223	1.243	1.152	1.114	1.175	5.2
Benzaldehyde			1.075	1.018	1.209	1.011	1.095	8.0
Phenol-d6		1.584	1.519	1.521	1.422	1.373	1.455	6.0
Phenol		1.726	1.685	1.720	1.584	1.558	1.632	4.8
bis(2-Chloroethyl)ether		1.358	1.306	1.341	1.211	1.157	1.251	6.7
2-Chlorophenol		1.255	1.263	1.286	1.239	1.207	1.243	2.6
2-Methylphenol		1.099	1.076	1.105	1.031	1.017	1.055	3.9
2,2-oxybis(1-Chloropropane)		2.622	2.449	2.481	2.223	2.120	2.309	9.1
Acetophenone		0.513	0.484	0.479	0.437	0.418	0.450	9.3
3+4-Methylphenols			1.389	1.411	1.288	1.227	1.296	6.7
n-Nitroso-di-n-propylamine	0.959	0.979	0.951	0.968	0.876	0.860	0.922	5.4
Nitrobenzene-d5			0.207	0.260	0.293	0.300	0.280	14.6
Hexachloroethane		0.451	0.452	0.484	0.460	0.449	0.458	3.4
Nitrobenzene		0.217	0.250	0.305	0.330	0.329	0.300	16.0
Isophorone		0.694	0.662	0.683	0.645	0.628	0.656	4.0
2-Nitrophenol		0.043	0.056	0.080	0.114	0.130	0.101	40.8
2,4-Dimethylphenol		0.292	0.280	0.297	0.285	0.282	0.285	2.7
bis(2-Chloroethoxy)methane		0.431	0.411	0.424	0.385	0.377	0.397	6.4
2,4-Dichlorophenol		0.257	0.268	0.289	0.284	0.273	0.275	4.2
Naphthalene		1.098	1.029	1.031	0.938	0.900	0.966	9.0
4-Chloroaniline		0.373	0.352	0.360	0.338	0.325	0.341	6.2
Hexachlorobutadiene		0.199	0.189	0.189	0.177	0.171	0.181	6.6
Caprolactam			0.071	0.078	0.078	0.079	0.078	4.9
4-Chloro-3-methylphenol		0.282	0.284	0.300	0.288	0.283	0.287	2.8
2-Methylnaphthalene		0.727	0.685	0.684	0.615	0.586	0.638	9.5
Hexachlorocyclopentadiene			0.201	0.249	0.264	0.273	0.256	11.2
2,4,6-Trichlorophenol		0.285	0.320	0.357	0.374	0.359	0.344	9.0
2-Fluorobiphenyl		1.404	1.290	1.276	1.120	1.041	1.170	13.1
2,4,5-Trichlorophenol		0.317	0.321	0.360	0.353	0.356	0.347	5.7
1,1-Biphenyl		1.588	1.493	1.480	1.358	1.282	1.388	9.7
2-Chloronaphthalene		1.210	1.161	1.143	1.086	1.035	1.096	7.0
2-Nitroaniline		0.118	0.147	0.225	0.287	0.307	0.247	34.7
Dimethylphthalate		1.309	1.266	1.306	1.199	1.180	1.230	5.2
Acenaphthylene		1.772	1.673	1.711	1.557	1.489	1.595	7.7

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2936

Instrument ID: BNA_F Calibration Date(s): 08/26/2025 08/26/2025

Calibration Time(s): 09:11 12:32

LAB FILE ID: RRF2.5 = BF143585.D RRF005 = BF143586.D RRF010 = BF143587.D
RRF020 = BF143588.D RRF040 = BF143589.D RRF050 = BF143590.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.065	0.090	0.145	0.189	0.208	0.163	39.7
3-Nitroaniline		0.092	0.127	0.194	0.233	0.246	0.201	33.2
Acenaphthene		1.169	1.103	1.115	1.014	0.969	1.045	8.0
2,4-Dinitrophenol			0.020	0.032	0.050	0.066	0.054	45.1
4-Nitrophenol			0.114	0.161	0.189	0.201	0.182	21.3
Dibenzofuran		1.716	1.633	1.648	1.470	1.425	1.532	8.5
2,4-Dinitrotoluene		0.081	0.120	0.186	0.246	0.276	0.213	40.4
Diethylphthalate		1.219	1.198	1.229	1.110	1.097	1.153	5.5
4-Chlorophenyl-phenylether		0.656	0.616	0.603	0.533	0.515	0.562	11.0
Fluorene		1.368	1.270	1.231	1.089	1.035	1.150	12.1
4-Nitroaniline		0.115	0.143	0.191	0.212	0.229	0.196	25.3
4,6-Dinitro-2-methylphenol			0.020	0.035	0.058	0.071	0.057	42.9
n-Nitrosodiphenylamine		0.694	0.664	0.662	0.632	0.598	0.636	6.0
2,4,6-Tribromophenol		0.130	0.143	0.166	0.162	0.163	0.156	9.4
4-Bromophenyl-phenylether		0.223	0.219	0.228	0.219	0.208	0.216	3.7
Hexachlorobenzene		0.247	0.239	0.242	0.229	0.220	0.231	5.0
Atrazine		0.179	0.184	0.188	0.181	0.182	0.183	2.5
Pentachlorophenol			0.101	0.126	0.139	0.140	0.132	12.5
Phenanthrene		1.223	1.162	1.127	1.040	0.995	1.071	9.4
Anthracene		1.223	1.168	1.151	1.041	0.998	1.079	9.2
Carbazole		1.078	1.019	0.991	0.892	0.855	0.933	10.2
Di-n-butylphthalate		0.961	0.968	1.013	0.923	0.925	0.950	4.2
Fluoranthene		1.176	1.101	1.065	0.897	0.862	0.978	13.6
Pyrene		1.722	1.768	1.810	1.609	1.687	1.674	6.2
Terphenyl-d14		1.199	1.213	1.221	1.044	1.080	1.115	8.4
Butylbenzylphthalate		0.211	0.276	0.386	0.456	0.455	0.398	28.7
3,3-Dichlorobenzidine			0.271	0.339	0.373	0.340	0.337	10.8
Benzo(a)anthracene		1.365	1.276	1.288	1.257	1.216	1.258	4.7
Chrysene		1.239	1.174	1.244	1.125	1.129	1.173	4.4
Bis(2-ethylhexyl)phthalate		0.285	0.397	0.529	0.632	0.580	0.528	25.9
Di-n-octyl phthalate			0.564	0.840	1.167	1.128	1.017	25.6
Benzo(b)fluoranthene		1.354	1.208	1.131	1.045	1.008	1.143	10.3
Benzo(k)fluoranthene		1.169	1.128	1.165	1.061	1.028	1.068	8.3
Benzo(a)pyrene		1.007	0.994	1.034	1.032	0.989	1.010	2.2
Indeno(1,2,3-cd)pyrene		1.127	1.316	1.462	1.429	1.401	1.361	8.4

All other compounds must meet a minimum RRF of 0.010.

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

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2936

Instrument ID: BNA_F Calibration Date(s): 08/26/2025 08/26/2025

Calibration Time(s): 09:11 12:32

LAB FILE ID: RRF2.5 = BF143585.D RRF005 = BF143586.D RRF010 = BF143587.D
RRF020 = BF143588.D RRF040 = BF143589.D RRF050 = BF143590.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		0.980	1.093	1.191	1.154	1.127	1.114	6.3
Benzo(g,h,i)perylene		0.935	1.071	1.154	1.148	1.148	1.103	7.3
1,2,4,5-Tetrachlorobenzene		0.576	0.542	0.554	0.510	0.498	0.520	7.3
1,4-Dioxane		0.606	0.579	0.592	0.571	0.546	0.575	3.5
2,3,4,6-Tetrachlorophenol		0.190	0.224	0.273	0.271	0.277	0.257	13.9

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-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 26 16:30:52 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143585.D 5 =BF143586.D 10 =BF143587.D 20 =BF143588.D 40 =BF143589.D 50 =BF143590.D 60 =BF143591.D 80 =BF1435
92.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.606	0.579	0.592	0.571	0.546	0.570	0.561	0.575	3.46
3)		Pyridine		1.218	1.341	1.525	1.504	1.491	1.540	1.487	1.444	8.25
4)		n-Nitrosodimet...			0.669	0.683	0.695	0.690	0.703	0.682	0.687	1.71
5)	S	2-Fluorophenol		1.245	1.223	1.243	1.152	1.114	1.151	1.098	1.175	5.20
6)		Aniline		2.116	2.036	2.151	1.980	1.970	2.048	1.921	2.032	4.04
7)	S	Phenol-d6		1.584	1.519	1.521	1.422	1.373	1.424	1.346	1.455	6.00
8)		2-Chlorophenol		1.255	1.263	1.286	1.239	1.207	1.259	1.195	1.243	2.61
9)		Benzaldehyde			1.075	1.018	1.209	1.011	1.162		1.095	8.00
10)	C	Phenol		1.726	1.685	1.720	1.584	1.558	1.617	1.536	1.632	4.78
11)		bis(2-Chloroet...		1.358	1.306	1.341	1.211	1.157	1.224	1.158	1.251	6.73
12)		1,3-Dichlorobe...		1.574	1.506	1.524	1.378	1.339	1.377	1.298	1.428	7.37
13)	C	1,4-Dichlorobe...		1.615	1.517	1.536	1.400	1.328	1.388	1.296	1.440	8.18
14)		1,2-Dichlorobe...		1.494	1.423	1.457	1.312	1.280	1.328	1.266	1.366	6.65
15)		Benzyl Alcohol			1.074	1.135	1.088	1.074	1.117	1.057	1.091	2.71
16)		2,2'-oxybis(1-...		2.622	2.449	2.481	2.223	2.120	2.217	2.050	2.309	9.11
17)		2-Methylphenol		1.099	1.076	1.105	1.031	1.017	1.059	1.000	1.055	3.86
18)		Hexachloroethane		0.451	0.452	0.484	0.460	0.449	0.471	0.436	0.458	3.40
19)	P	n-Nitroso-di-n...	0.959	0.979	0.951	0.968	0.876	0.860	0.921	0.863	0.922	5.35
20)		3+4-Methylphenols			1.389	1.411	1.288	1.227	1.268	1.195	1.296	6.69
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.513	0.484	0.479	0.437	0.418	0.423	0.399	0.450	9.28
23)	S	Nitrobenzene-d5			0.207	0.260	0.293	0.300	0.315	0.307	0.280	14.57
24)		Nitrobenzene		0.217	0.250	0.305	0.330	0.329	0.342	0.331	0.300	15.99
25)		Isophorone		0.694	0.662	0.683	0.645	0.628	0.654	0.623	0.656	4.02
26)	C	2-Nitrophenol		0.043	0.056	0.080	0.114	0.130	0.142	0.142	0.101	40.76#
27)		2,4-Dimethylph...		0.292	0.280	0.297	0.285	0.282	0.286	0.274	0.285	2.65
28)		bis(2-Chloroet...		0.431	0.411	0.424	0.385	0.377	0.386	0.363	0.397	6.40
29)	C	2,4-Dichloroph...		0.257	0.268	0.289	0.284	0.273	0.284	0.269	0.275	4.18
30)		1,2,4-Trichlor...		0.312	0.297	0.296	0.284	0.275	0.281	0.263	0.287	5.67
31)		Naphthalene		1.098	1.029	1.031	0.938	0.900	0.909	0.860	0.966	9.00
32)		Benzoic acid			0.047	0.091	0.126	0.150	0.172	0.168	0.126	38.83
33)		4-Chloroaniline		0.373	0.352	0.360	0.338	0.325	0.326	0.315	0.341	6.16
34)	C	Hexachlorobuta...		0.199	0.189	0.189	0.177	0.171	0.175	0.165	0.181	6.63
35)		Caprolactam			0.071	0.078	0.078	0.079	0.083	0.078	0.078	4.87
36)	C	4-Chloro-3-met...		0.282	0.284	0.300	0.288	0.283	0.296	0.278	0.287	2.75
37)		2-Methylnaphth...		0.727	0.685	0.684	0.615	0.586	0.605	0.565	0.638	9.46
38)		1-Methylnaphth...		0.694	0.666	0.655	0.599	0.566	0.583	0.548	0.616	9.05

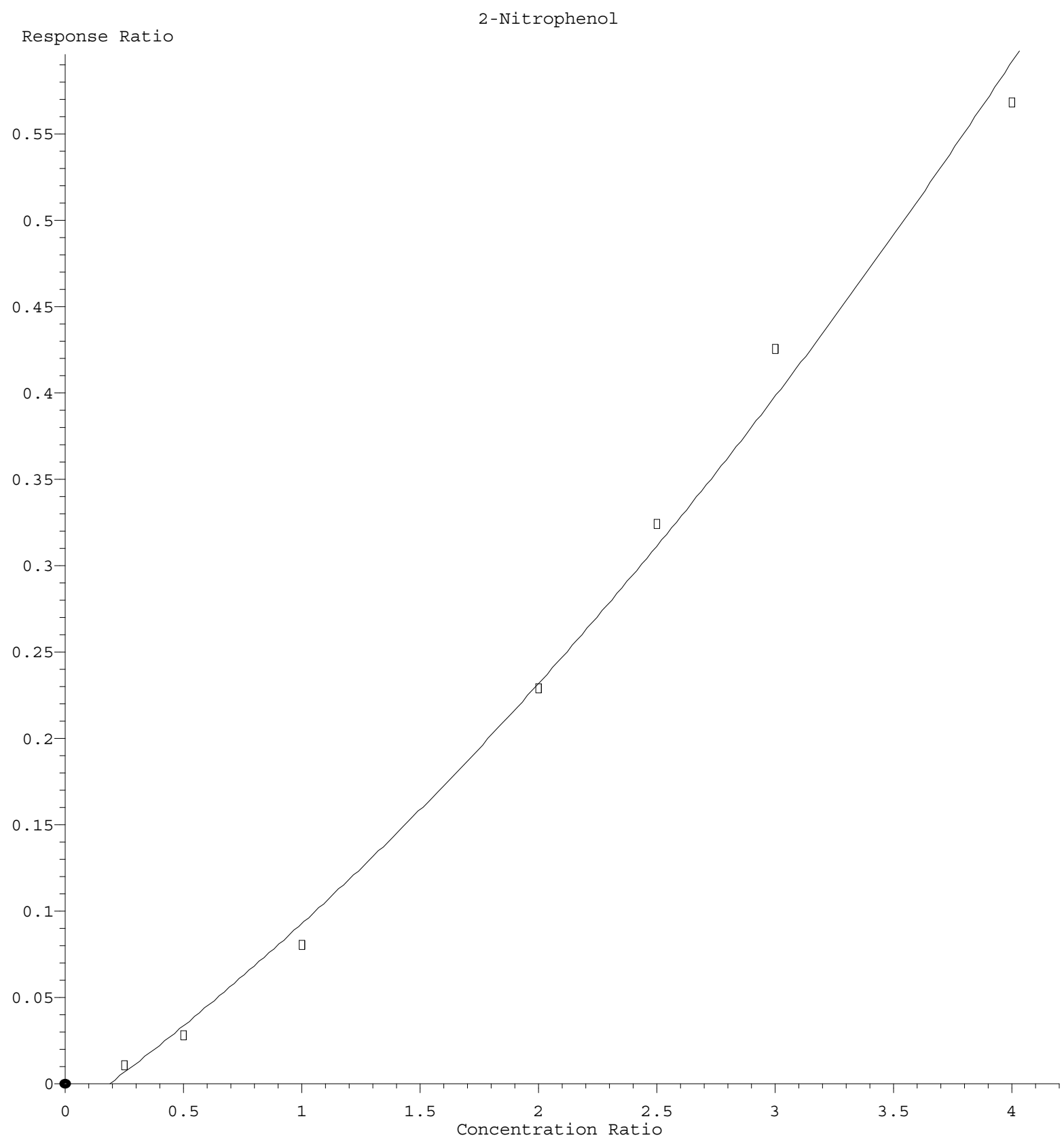
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082625.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.576	0.542	0.554	0.510	0.498	0.491	0.470	0.520	7.33
41)	P	Hexachlorocycl...		0.201	0.249	0.264	0.273	0.279	0.270	0.256	11.23
42)	S	2,4,6-Tribromo...	0.130	0.143	0.166	0.162	0.163	0.170	0.162	0.156	9.38
43)	C	2,4,6-Trichlor...	0.285	0.320	0.357	0.374	0.359	0.364	0.348	0.344	9.00
44)		2,4,5-Trichlor...	0.317	0.321	0.360	0.353	0.356	0.368	0.358	0.347	5.74
45)	S	2-Fluorobiphenyl	1.404	1.290	1.276	1.120	1.041	1.056	1.001	1.170	13.11
46)		1,1'-Biphenyl	1.588	1.493	1.480	1.358	1.282	1.287	1.226	1.388	9.67
47)		2-Chloronaphth...	1.210	1.161	1.143	1.086	1.035	1.036	1.004	1.096	6.99
48)		2-Nitroaniline	0.118	0.147	0.225	0.287	0.307	0.328	0.318	0.247	34.69
49)		Acenaphthylene	1.772	1.673	1.711	1.557	1.489	1.511	1.451	1.595	7.74
50)		Dimethylphthalate	1.309	1.266	1.306	1.199	1.180	1.204	1.147	1.230	5.18
51)		2,6-Dinitrotol...	0.065	0.090	0.145	0.189	0.208	0.226	0.219	0.163	39.69
52)	C	Acenaphthene	1.169	1.103	1.115	1.014	0.969	0.992	0.953	1.045	7.97
53)		3-Nitroaniline	0.092	0.127	0.194	0.233	0.246	0.262	0.251	0.201	33.23
54)	P	2,4-Dinitrophenol		0.020	0.032	0.050	0.066	0.077	0.081	0.054	45.09
55)		Dibenzofuran	1.716	1.633	1.648	1.470	1.425	1.451	1.379	1.532	8.54
56)	P	4-Nitrophenol		0.114	0.161	0.189	0.201	0.218	0.209	0.182	21.33
57)		2,4-Dinitrotol...	0.081	0.120	0.186	0.246	0.276	0.294	0.289	0.213	40.38
58)		Fluorene	1.368	1.270	1.231	1.089	1.035	1.056	1.002	1.150	12.10
59)		2,3,4,6-Tetrac...	0.190	0.224	0.273	0.271	0.277	0.287	0.275	0.257	13.91
60)		Diethylphthalate	1.219	1.198	1.229	1.110	1.097	1.147	1.068	1.153	5.54
61)		4-Chlorophenyl...	0.656	0.616	0.603	0.533	0.515	0.525	0.489	0.562	11.02
62)		4-Nitroaniline	0.115	0.143	0.191	0.212	0.229	0.244	0.237	0.196	25.31
63)		Azobenzene	1.269	1.227	1.262	1.128	1.111	1.126	1.058	1.169	7.11
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.020	0.035	0.058	0.071	0.080	0.080	0.057	42.94
66)	c	n-Nitrosodiphe...	0.694	0.664	0.662	0.632	0.598	0.610	0.593	0.636	6.02
67)		4-Bromophenyl-...	0.223	0.219	0.228	0.219	0.208	0.211	0.206	0.216	3.74
68)		Hexachlorobenzene	0.247	0.239	0.242	0.229	0.220	0.226	0.217	0.231	5.05
69)		Atrazine	0.179	0.184	0.188	0.181	0.182	0.189	0.177	0.183	2.48
70)	C	Pentachlorophenol		0.101	0.126	0.139	0.140	0.145	0.141	0.132	12.49
71)		Phenanthrene	1.223	1.162	1.127	1.040	0.995	0.994	0.955	1.071	9.38
72)		Anthracene	1.223	1.168	1.151	1.041	0.998	1.004	0.969	1.079	9.22
73)		Carbazole	1.078	1.019	0.991	0.892	0.855	0.865	0.830	0.933	10.23
74)		Di-n-butylphth...	0.961	0.968	1.013	0.923	0.925	0.968	0.893	0.950	4.15
75)	C	Fluoranthene	1.176	1.101	1.065	0.897	0.862	0.901	0.842	0.978	13.62
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.598	0.654	0.538	0.357	0.222	0.394	0.460	35.65
78)		Pyrene	1.722	1.768	1.810	1.609	1.687	1.613	1.507	1.674	6.25
79)	S	Terphenyl-d14	1.199	1.213	1.221	1.044	1.080	1.053	0.992	1.115	8.45
80)		Butylbenzylpht...	0.211	0.276	0.386	0.456	0.455	0.513	0.490	0.398	28.68
81)		Benzo(a)anthra...	1.365	1.276	1.288	1.257	1.216	1.220	1.186	1.258	4.73
82)		3,3'-Dichlorob...		0.271	0.339	0.373	0.340	0.334	0.367	0.337	10.77
83)		Chrysene	1.239	1.174	1.244	1.125	1.129	1.168	1.129	1.173	4.35
84)		Bis(2-ethylhex...	0.285	0.397	0.529	0.632	0.580	0.637	0.632	0.528	25.91
85)	c	Di-n-octyl pht...		0.564	0.840	1.167	1.128	1.179	1.223	1.017	25.62

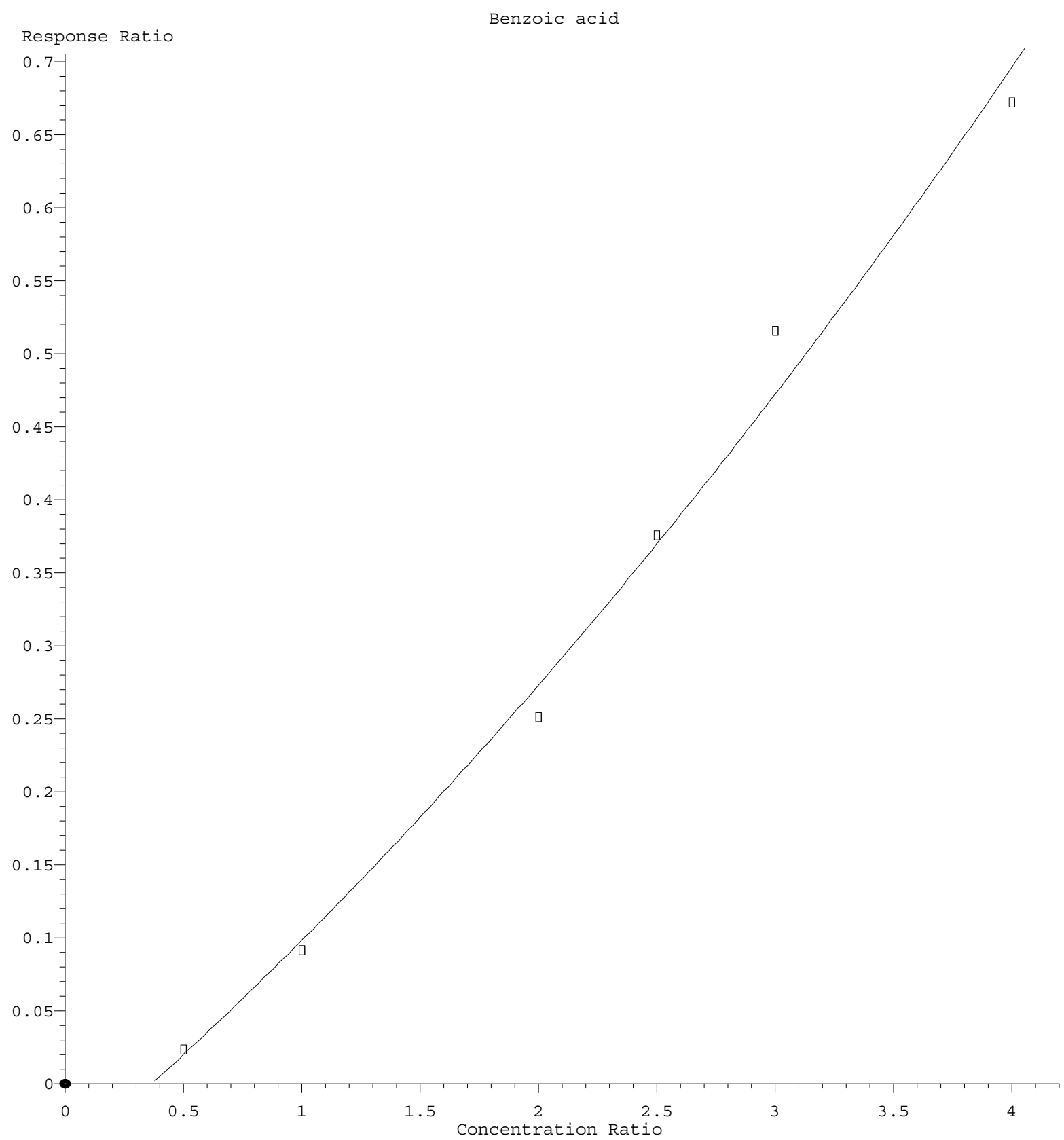
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082625.M

86)	I	Perylene-d12	----------ISTD----------								
87)		Indeno(1,2,3-c...	1.127	1.316	1.462	1.429	1.401	1.430	1.359	1.361	8.36
88)		Benzo(b)fluora...	1.354	1.208	1.131	1.045	1.008	1.184	1.069	1.143	10.35
89)		Benzo(k)fluora...	1.169	1.128	1.165	1.061	1.028	0.982	0.947	1.068	8.28
90)	C	Benzo(a)pyrene	1.007	0.994	1.034	1.032	0.989	1.030	0.982	1.010	2.20
91)		Dibenzo(a,h)an...	0.980	1.093	1.191	1.154	1.127	1.163	1.089	1.114	6.25
92)		Benzo(g,h,i)pe...	0.935	1.071	1.154	1.148	1.148	1.157	1.106	1.103	7.31

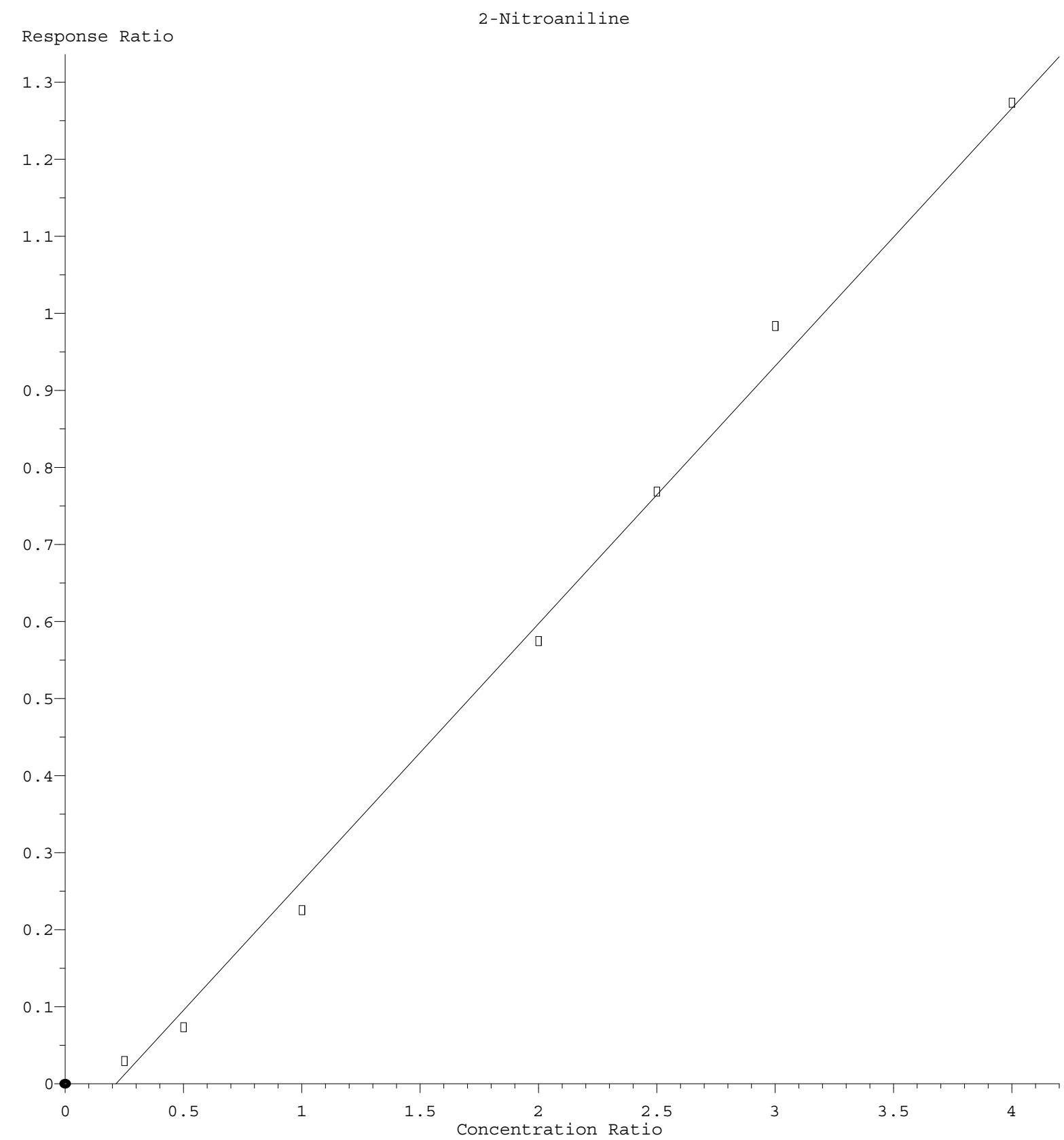
(#) = Out of Range



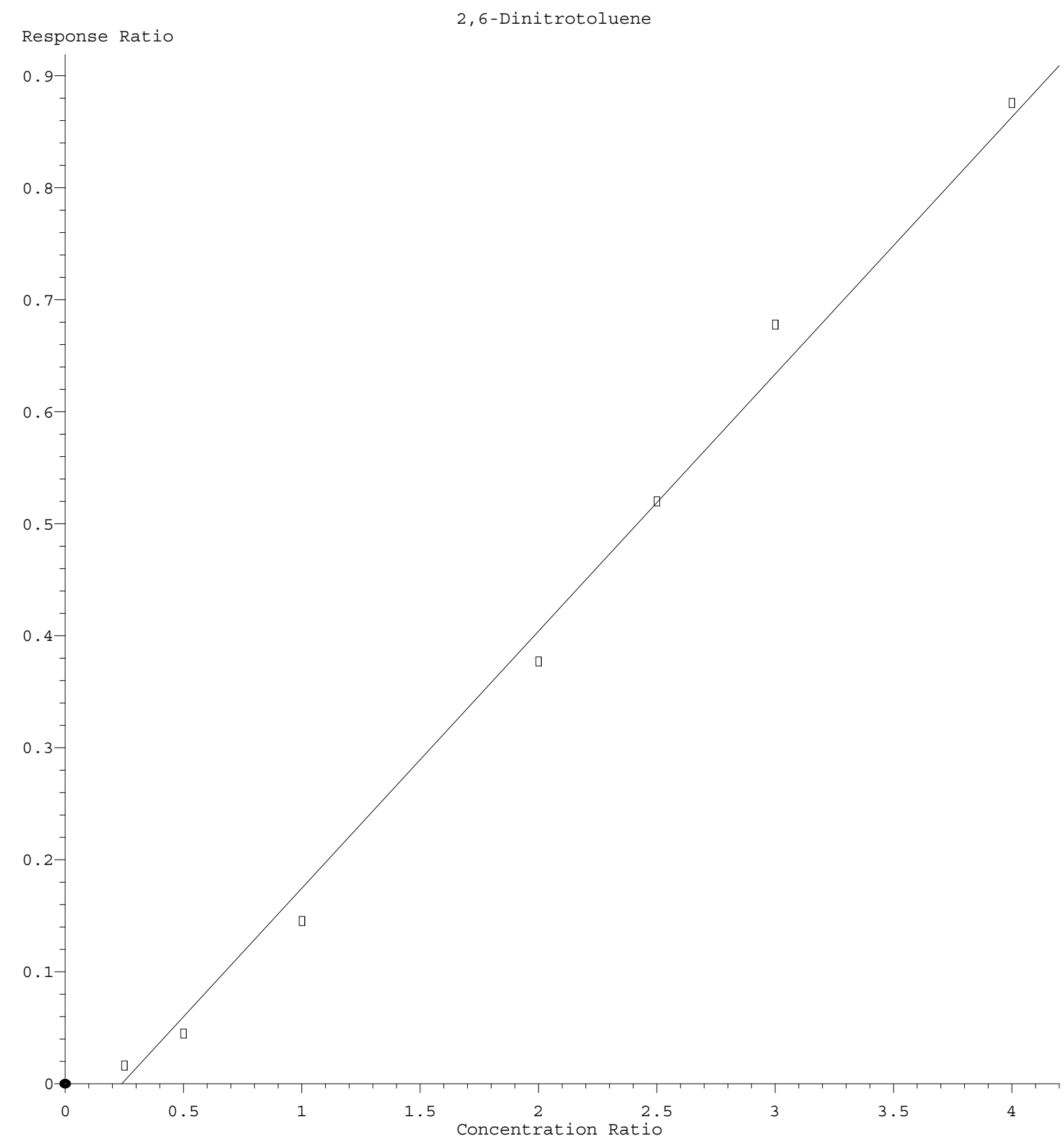
R = 1.371e-002 A*A + 9.780e-002 A - 1.872e-002
Coef of Det (r^2) = 0.995336 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



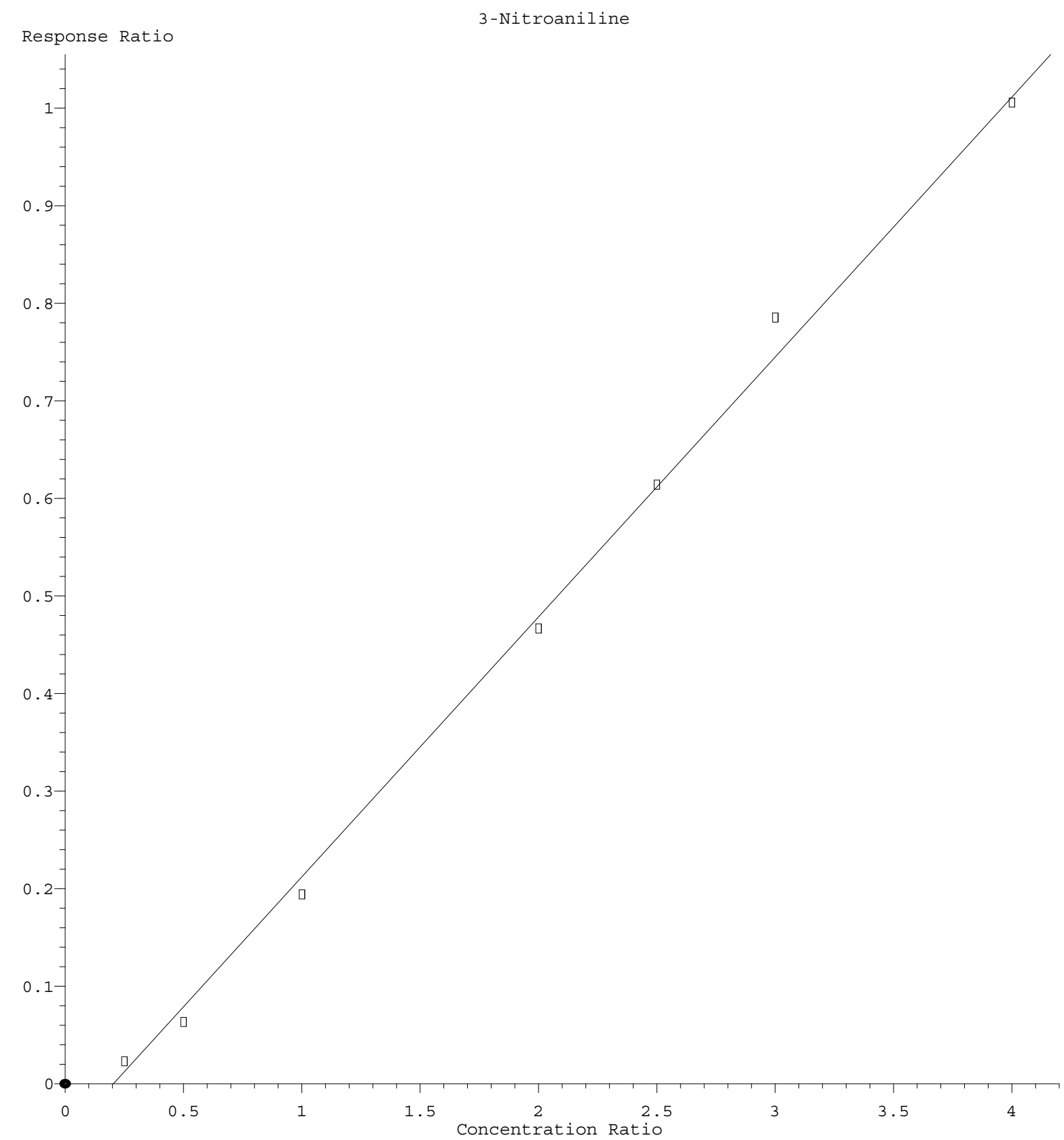
R = 1.220e-002 A*A + 1.383e-001 A - 5.221e-002
Coef of Det (r^2) = 0.993641 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



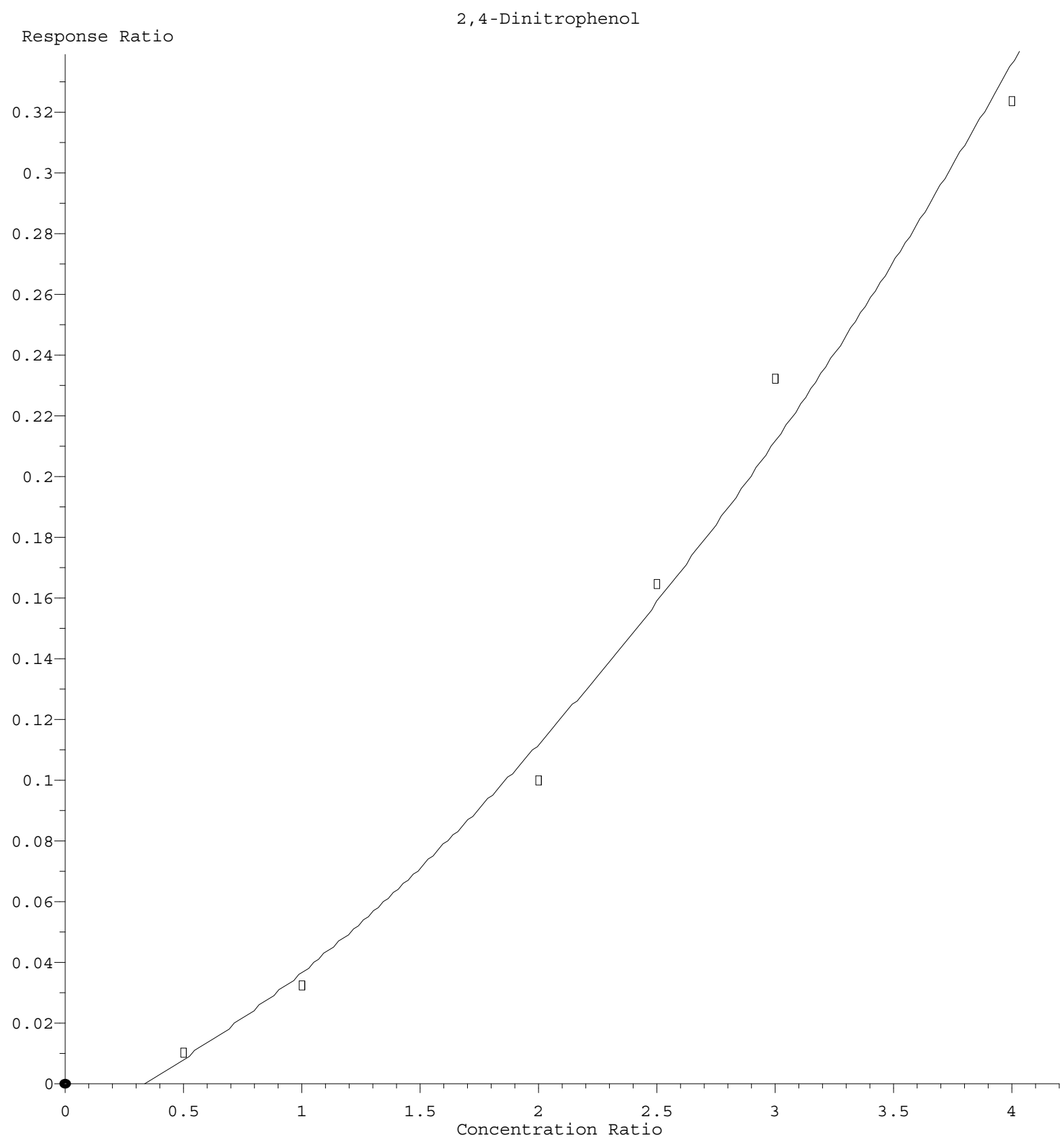
Response = 3.345e-001 * Amt - 7.200e-002
Coef of Det (r^2) = 0.994296 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



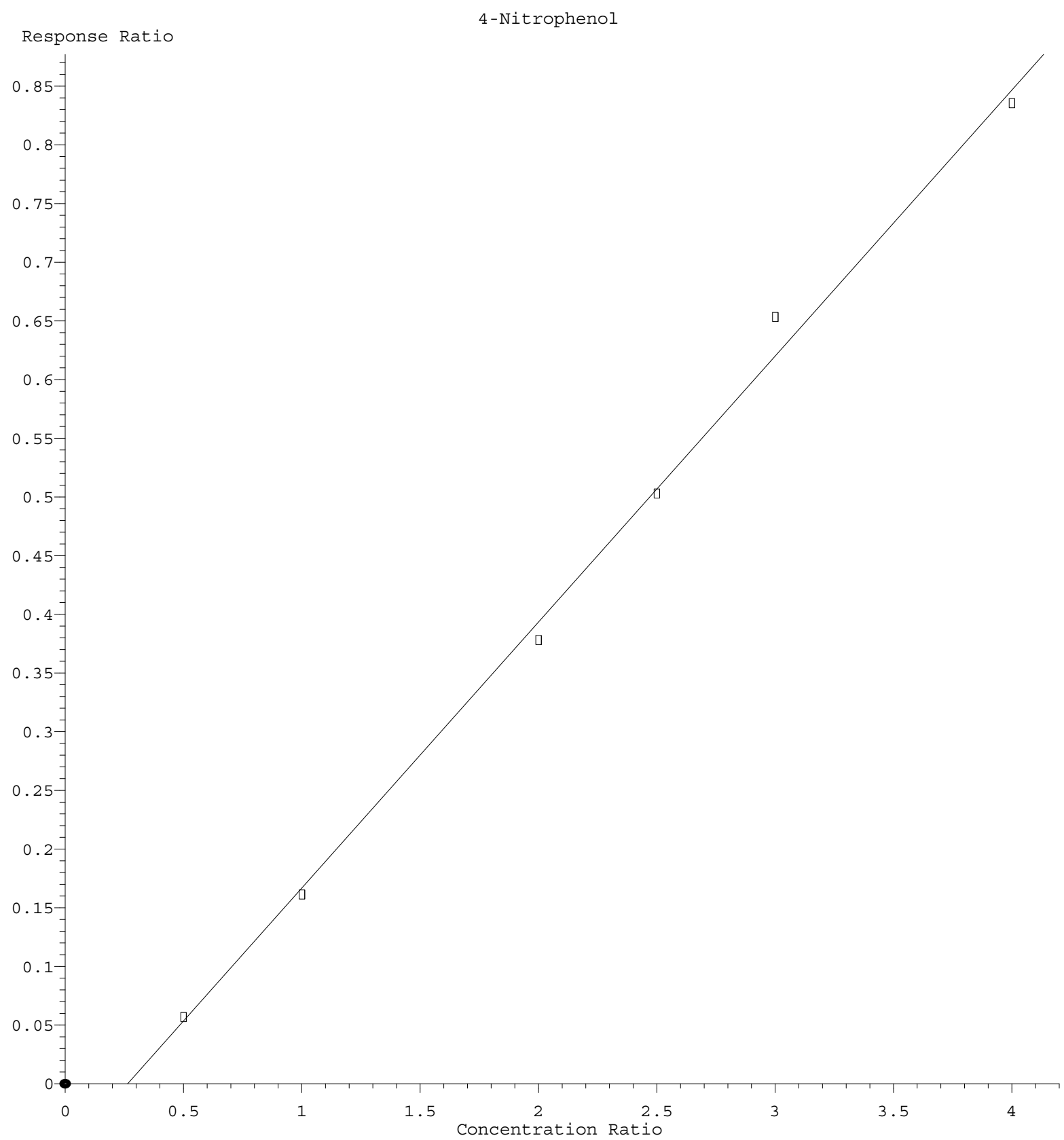
Response = 2.295e-001 * Amt - 5.486e-002
Coef of Det (r^2) = 0.992131 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



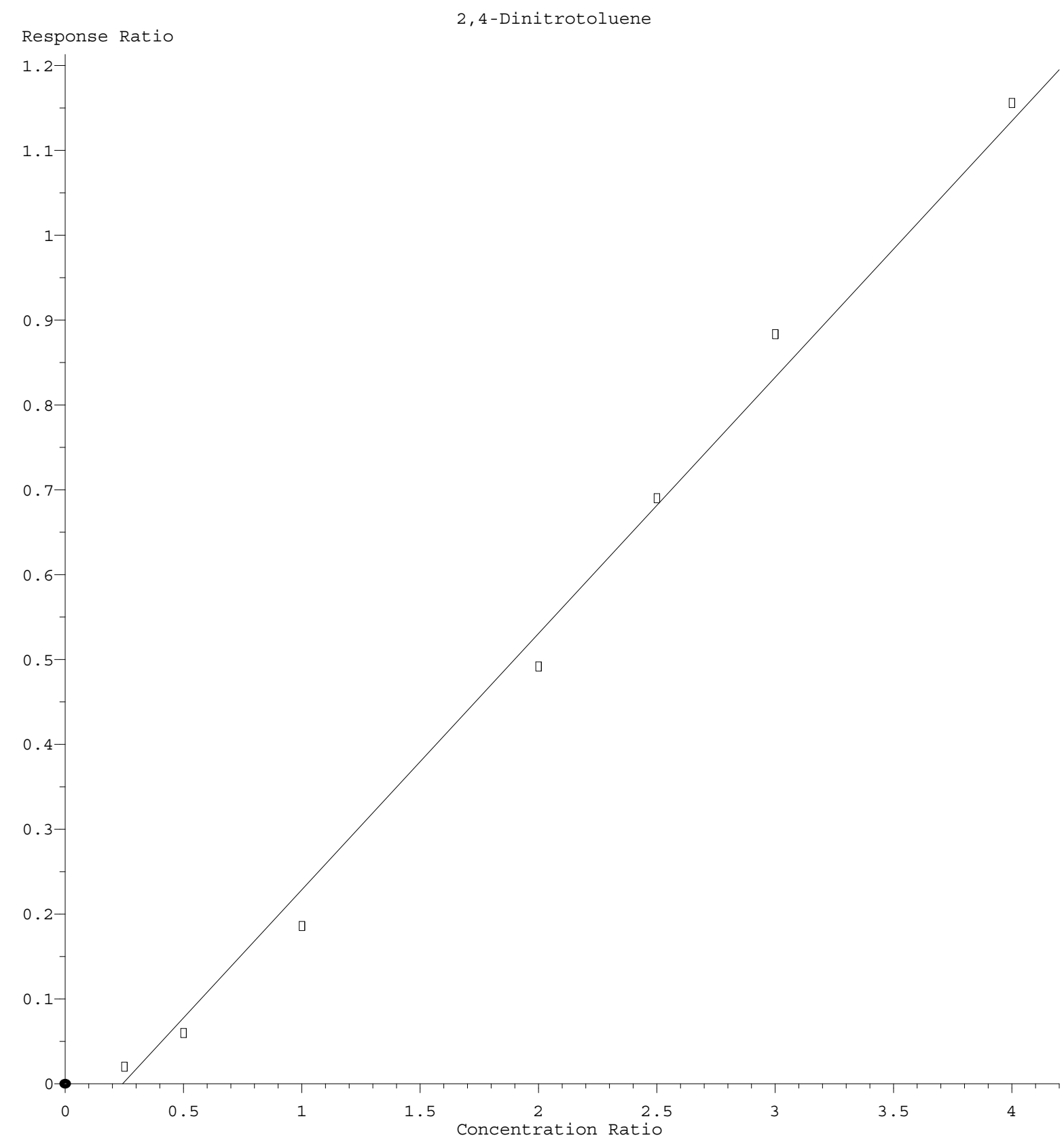
Response = 2.666e-001 * Amt - 5.439e-002
Coef of Det (r^2) = 0.996444 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



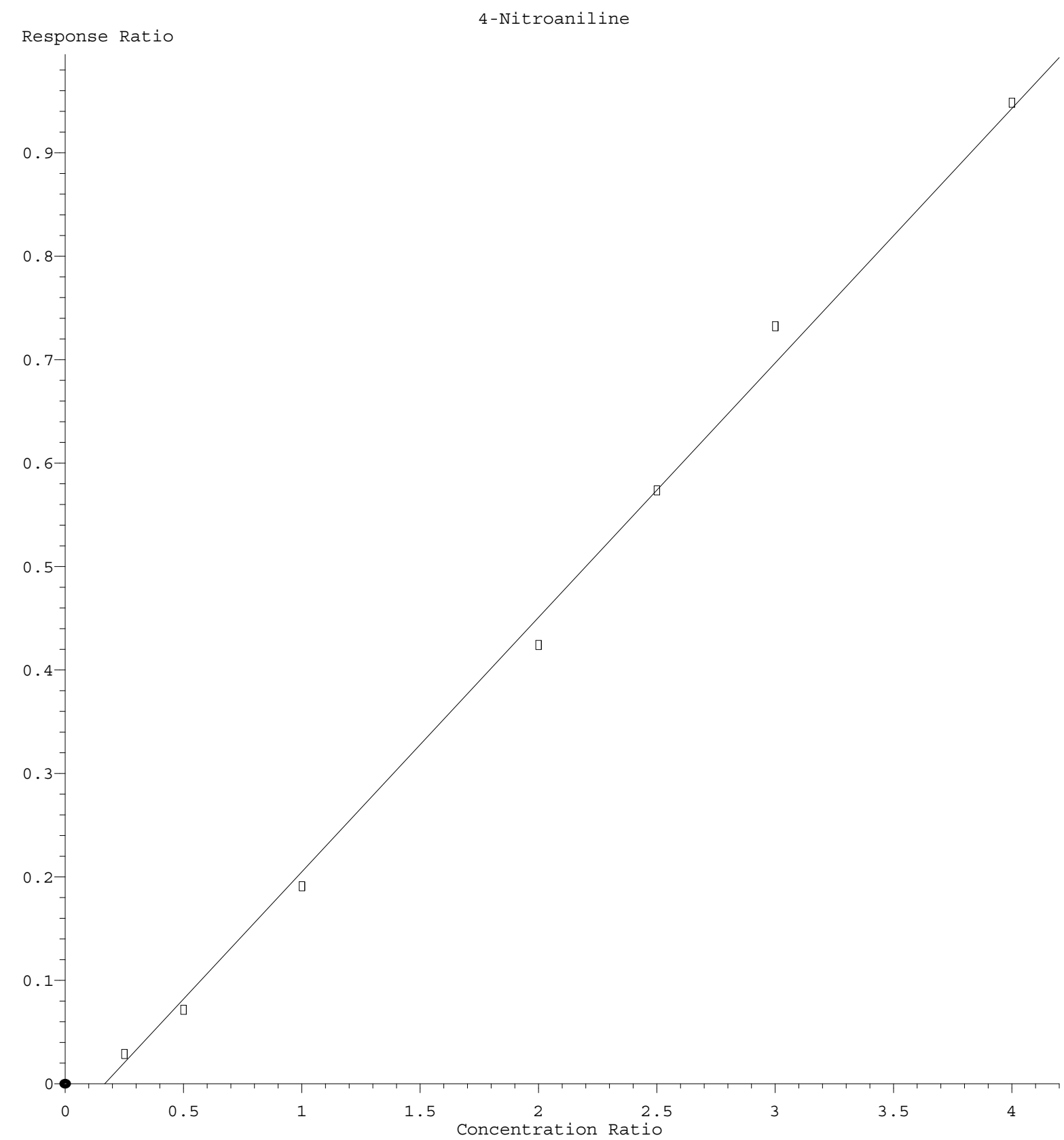
R = 1.227e-002 A*A + 3.842e-002 A - 1.408e-002
Coef of Det (r^2) = 0.992226 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



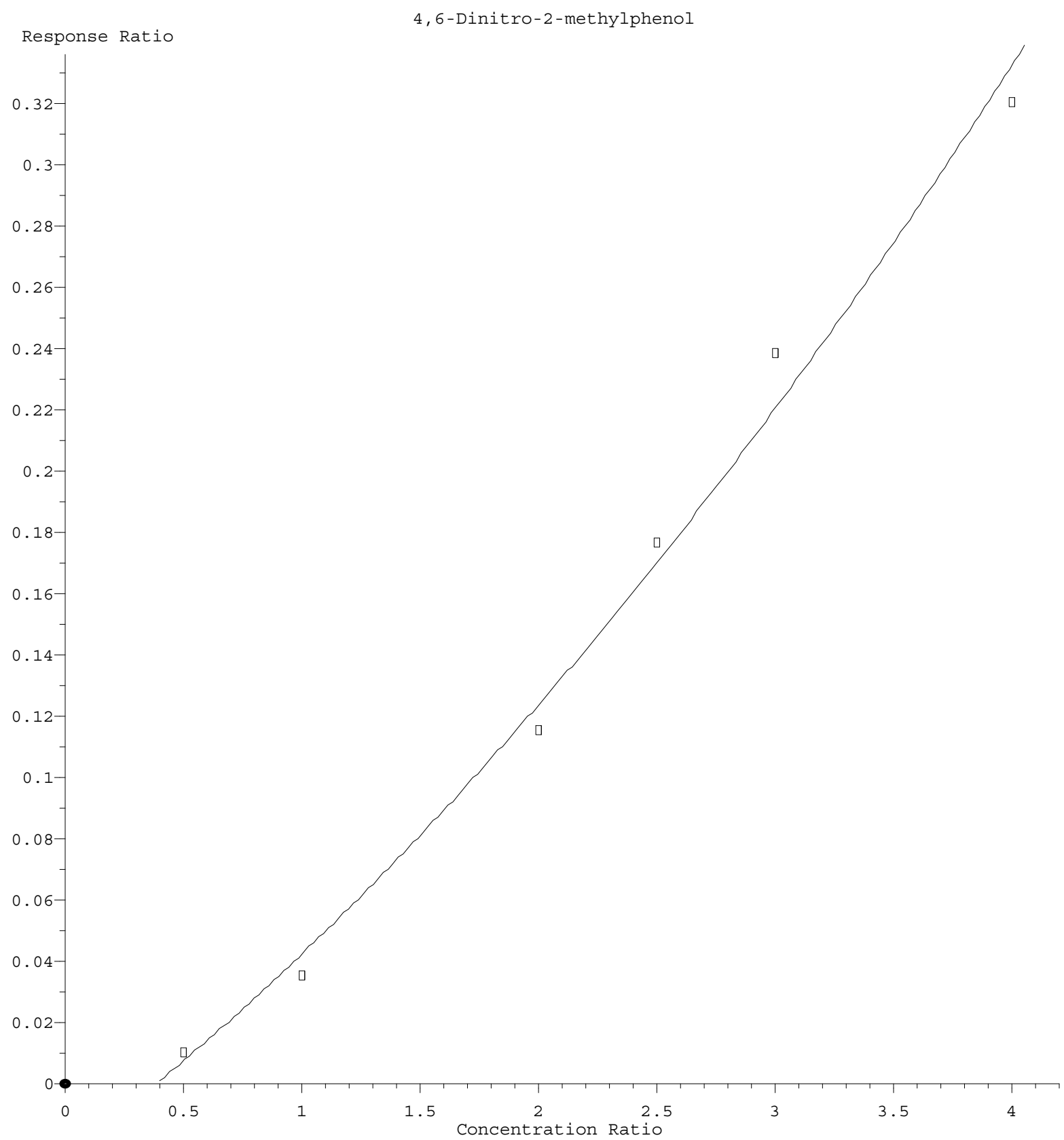
Response = 2.267e-001 * Amt - 5.992e-002
Coef of Det (r^2) = 0.997743 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



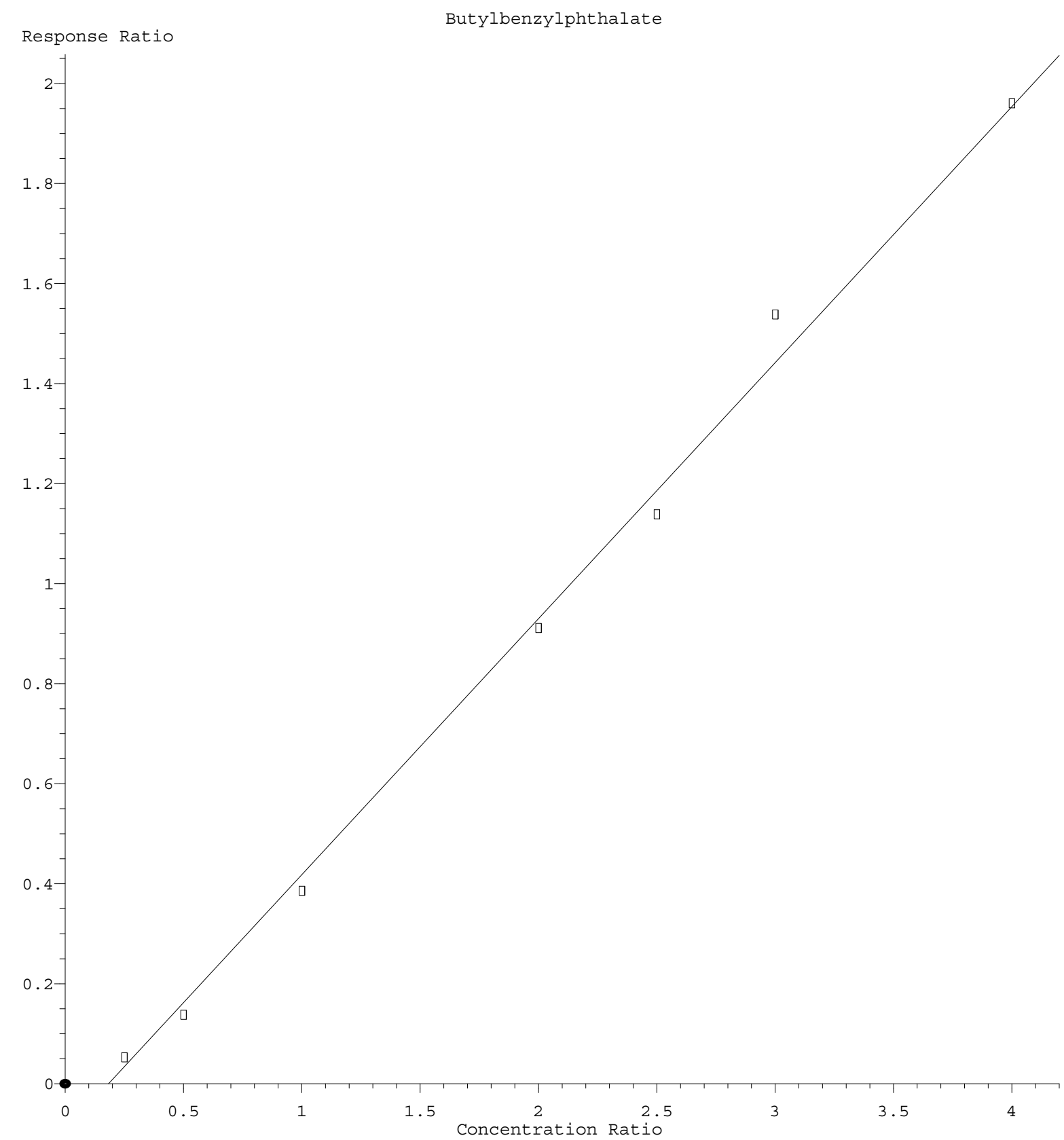
Response = 3.019e-001 * Amt - 7.327e-002
Coef of Det (r^2) = 0.991976 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



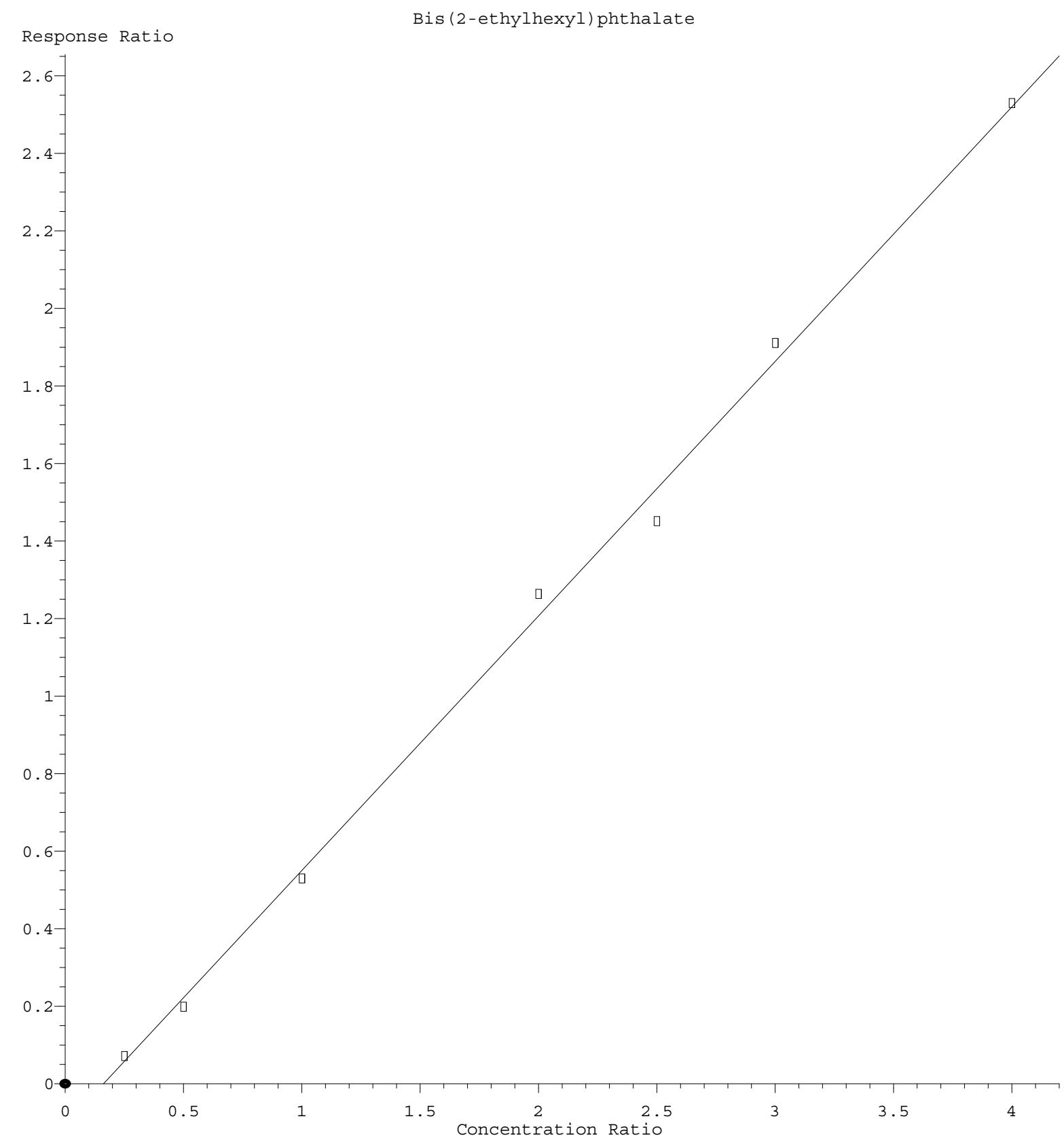
Response = 2.459e-001 * Amt - 4.118e-002
Coef of Det (r^2) = 0.996763 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



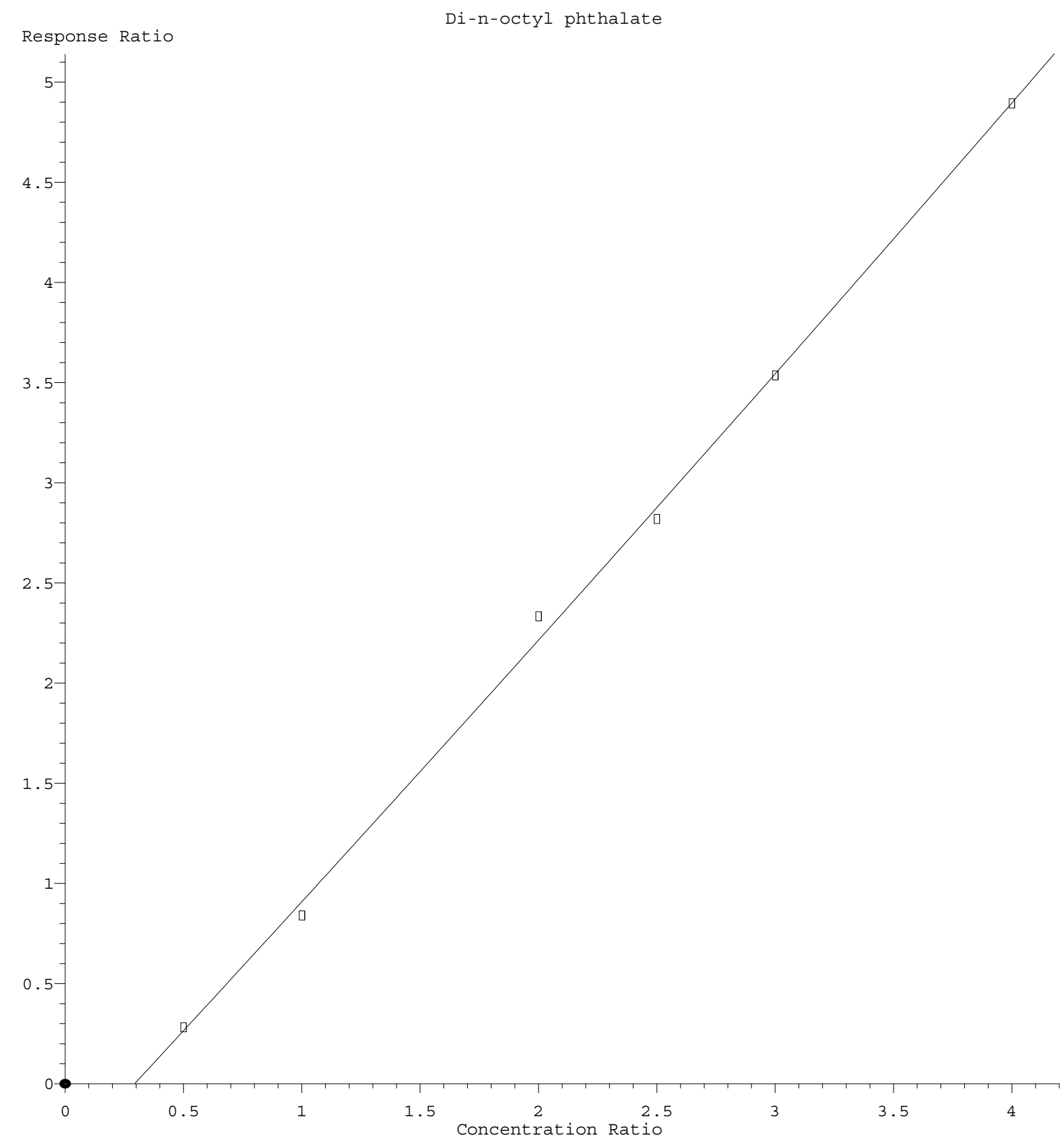
R = 7.699e-003 A*A + 5.823e-002 A - 2.355e-002
Coef of Det (r^2) = 0.993276 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



Response = 5.118e-001 * Amt - 9.385e-002
Coef of Det (r^2) = 0.996039 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



Response = 6.565e-001 * Amt - 1.063e-001
Coef of Det (r^2) = 0.997696 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



R = 1.165e-002 A*A + 1.271e+000 A - 3.738e-001
Coef of Det (r^2) = 0.998412 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143585.D
Acq On : 26 Aug 2025 09:11
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 26 16:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	144643	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	555940	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	307538	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	505027	20.000	ng	0.00
76) Chrysene-d12	14.051	240	368174	20.000	ng	0.00
86) Perylene-d12	15.527	264	261580	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...	7.292	70	17341	2.601	ng	97

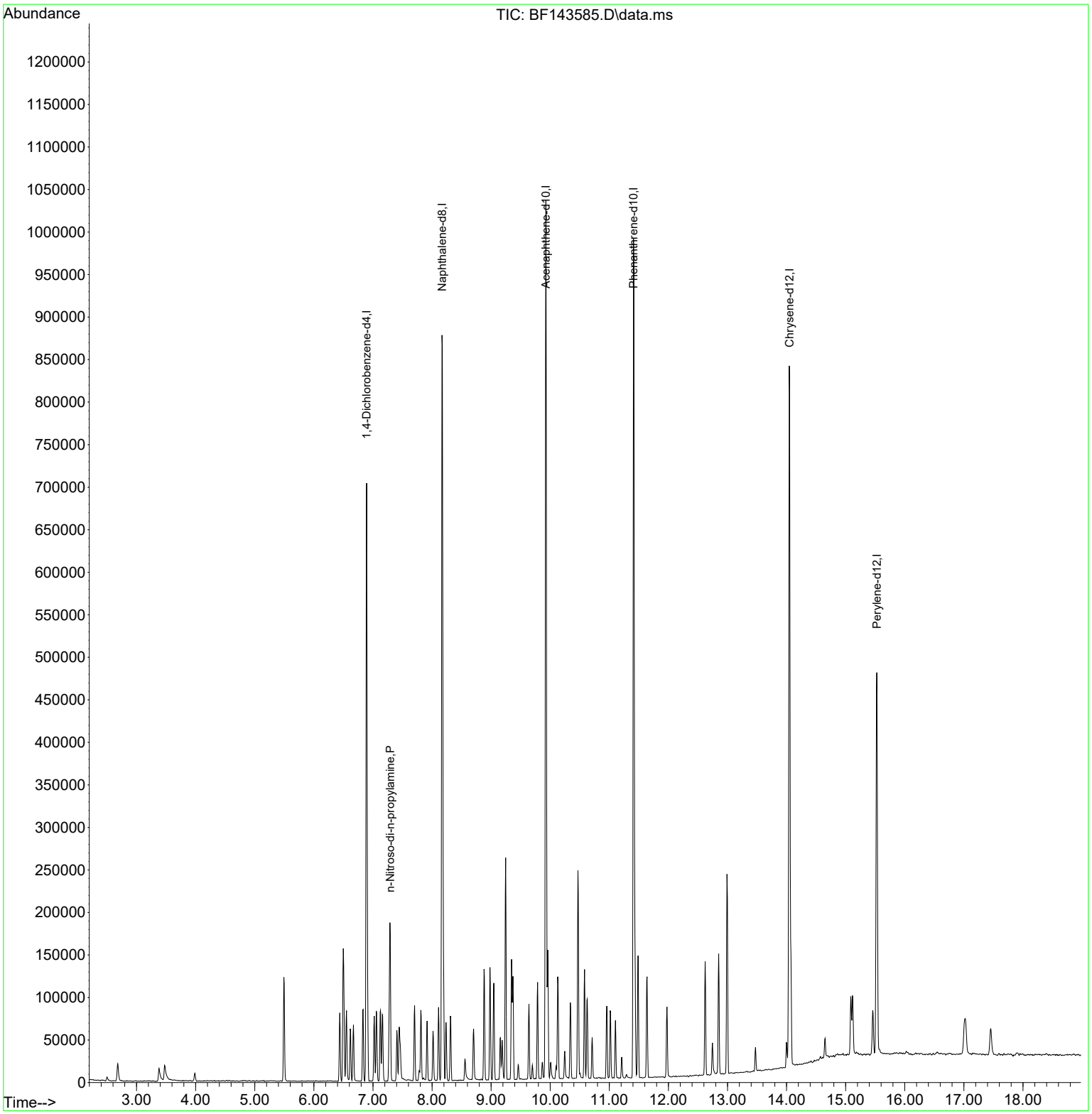
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143585.D
Acq On : 26 Aug 2025 09:11
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 26 16:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143586.D
Acq On : 26 Aug 2025 09:39
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 26 16:10:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	137604	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	530841	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	296527	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	484752	20.000	ng		0.00
76) Chrysene-d12	14.051	240	349462	20.000	ng		0.00
86) Perylene-d12	15.527	264	232024	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	85626	10.591	ng		0.00
7) Phenol-d6	6.498	99	108978	10.883	ng		-0.01
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	10.710	330	19203	8.281	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	208234	12.007	ng		0.00
79) Terphenyl-d14	12.992	244	209489	10.757	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	20838	5.268	ng		98
3) Pyridine	3.457	79	41906	4.219	ng		95
6) Aniline	6.551	93	72807	5.208	ng		98
8) 2-Chlorophenol	6.669	128	43167	5.047	ng		99
10) Phenol	6.510	94	59393	5.288	ng		98
11) bis(2-Chloroethyl)ether	6.622	93	46719	5.429	ng		98
12) 1,3-Dichlorobenzene	6.834	146	54163	5.513	ng		97
13) 1,4-Dichlorobenzene	6.910	146	55549	5.607	ng		98
14) 1,2-Dichlorobenzene	7.063	146	51385	5.468	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	90211	5.679	ng		99
17) 2-Methylphenol	7.128	107	37799	5.205	ng		98
18) Hexachloroethane	7.404	117	15528	4.933	ng		96
19) n-Nitroso-di-n-propyla...	7.293	70	33685	5.310	ng		96
22) Acetophenone	7.293	105	68058	5.693	ng		99
24) Nitrobenzene	7.463	77	28733	3.605	ng		96
25) Isophorone	7.704	82	92089	5.293	ng		99
26) 2-Nitrophenol	7.787	139	5683	5.784	ng		92
27) 2,4-Dimethylphenol	7.816	122	38776	5.122	ng		97
28) bis(2-Chloroethoxy)met...	7.916	93	57170	5.431	ng		99
29) 2,4-Dichlorophenol	8.016	162	34103	4.676	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	41386	5.435	ng		98
31) Naphthalene	8.192	128	145725	5.682	ng		100
33) 4-Chloroaniline	8.240	127	49519	5.465	ng		97
34) Hexachlorobutadiene	8.316	225	26425	5.507	ng		99
36) 4-Chloro-3-methylphenol	8.704	107	37379	4.902	ng		99
37) 2-Methylnaphthalene	8.881	142	96440	5.694	ng		100
38) 1-Methylnaphthalene	8.981	142	92160	5.638	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	42720	5.539	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	21122	4.144	ng		98
44) 2,4,5-Trichlorophenol	9.187	196	23519	4.567	ng		96
46) 1,1'-Biphenyl	9.345	154	117730	5.722	ng		99
47) 2-Chloronaphthalene	9.369	162	89667	5.517	ng		99
48) 2-Nitroaniline	9.457	65	8738	6.067	ng	#	82
49) Acenaphthylene	9.786	152	131370	5.555	ng		99
50) Dimethylphthalate	9.639	163	97046	5.321	ng		100
51) 2,6-Dinitrotoluene	9.698	165	4804	6.193	ng	#	77

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143586.D
Acq On : 26 Aug 2025 09:39
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 26 16:10:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	9.957	154	86628	5.592	ng		98
53) 3-Nitroaniline	9.869	138	6831	5.808	ng	#	82
55) Dibenzofuran	10.128	168	127210	5.601	ng		98
57) 2,4-Dinitrotoluene	10.098	165	5975	6.189	ng	#	80
58) Fluorene	10.475	166	101422	5.948	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	14083	3.699	ng	#	98
60) Diethylphthalate	10.339	149	90386	5.288	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	48597	5.828	ng		96
62) 4-Nitroaniline	10.469	138	8525	5.688	ng		85
63) Azobenzene	10.622	77	94097	5.430	ng		98
66) n-Nitrosodiphenylamine	10.581	169	84087	5.453	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	27033	5.156	ng		98
68) Hexachlorobenzene	11.016	284	29981	5.346	ng		94
69) Atrazine	11.104	200	21668	4.889	ng		97
71) Phenanthrene	11.433	178	148228	5.711	ng		98
72) Anthracene	11.486	178	148171	5.665	ng		98
73) Carbazole	11.639	167	130648	5.779	ng		99
74) Di-n-butylphthalate	11.975	149	116439	5.056	ng		99
75) Fluoranthene	12.622	202	142545	6.015	ng		98
78) Pyrene	12.851	202	150423	5.143	ng		99
80) Butylbenzylphthalate	13.474	149	18457	5.732	ng		90
81) Benzo(a)anthracene	14.039	228	119294	5.426	ng		97
83) Chrysene	14.074	228	108288	5.285	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	24938	5.412	ng		98
87) Indeno(1,2,3-cd)pyrene	17.004	276	65396	4.143	ng		97
88) Benzo(b)fluoranthene	15.086	252	78541	5.924	ng		98
89) Benzo(k)fluoranthene	15.116	252	67793	5.469	ng		99
90) Benzo(a)pyrene	15.457	252	58428	4.988	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	56842	4.400	ng		96
92) Benzo(g,h,i)perylene	17.457	276	54208	4.238	ng		96

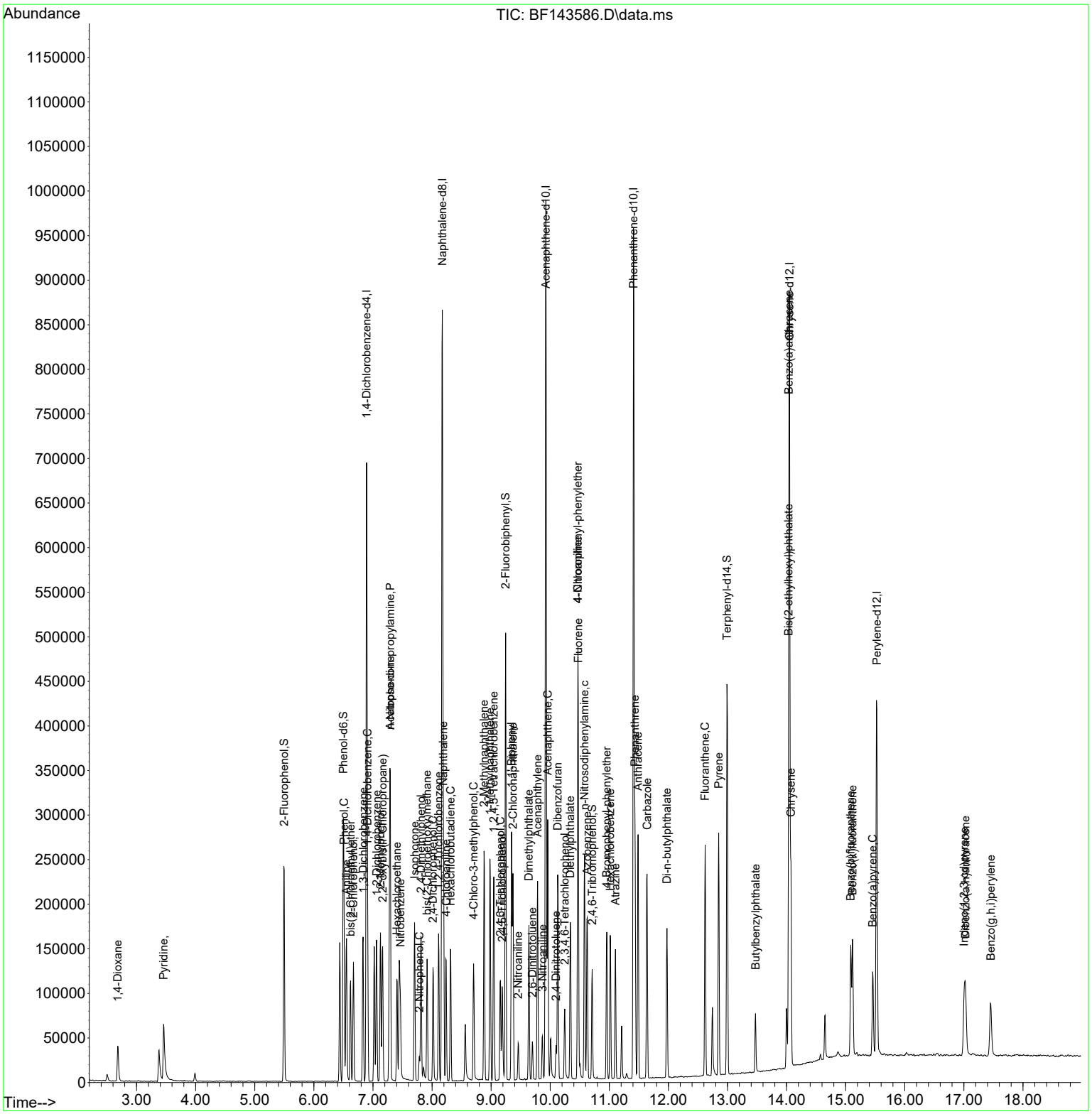
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143586.D
Acq On : 26 Aug 2025 09:39
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 26 16:10:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143587.D
Acq On : 26 Aug 2025 10:08
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 26 16:11:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	127637	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	491820	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	275174	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	444330	20.000	ng		0.00
76) Chrysene-d12	14.051	240	290126	20.000	ng		0.00
86) Perylene-d12	15.527	264	223823	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	156048	20.808	ng		0.00
7) Phenol-d6	6.498	99	193879	20.873	ng		-0.01
23) Nitrobenzene-d5	7.445	82	101569	14.745	ng		-0.01
42) 2,4,6-Tribromophenol	10.710	330	39255	18.242	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	355018	22.059	ng		0.00
79) Terphenyl-d14	12.998	244	351930	21.768	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	36931	10.066	ng		99
3) Pyridine	3.446	79	85567	9.288	ng		99
4) n-Nitrosodimethylamine	3.369	42	42685	9.737	ng	#	97
6) Aniline	6.551	93	129915	10.019	ng		99
8) 2-Chlorophenol	6.669	128	80580	10.156	ng		99
9) Benzaldehyde	6.440	77	68610	9.817	ng		100
10) Phenol	6.510	94	107505	10.319	ng		99
11) bis(2-Chloroethyl)ether	6.622	93	83364	10.443	ng		98
12) 1,3-Dichlorobenzene	6.834	146	96108	10.545	ng		98
13) 1,4-Dichlorobenzene	6.910	146	96838	10.538	ng		99
14) 1,2-Dichlorobenzene	7.063	146	90801	10.417	ng		97
15) Benzyl Alcohol	7.022	79	68567	9.850	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	156263	10.605	ng		99
17) 2-Methylphenol	7.128	107	68692	10.199	ng		97
18) Hexachloroethane	7.404	117	28837	9.876	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	60680	10.312	ng		99
20) 3+4-Methylphenols	7.281	107	88613	10.712	ng		90
22) Acetophenone	7.292	105	119142	10.757	ng		99
24) Nitrobenzene	7.463	77	61533	8.332	ng		97
25) Isophorone	7.704	82	162786	10.099	ng		100
26) 2-Nitrophenol	7.787	139	13799	8.999	ng		99
27) 2,4-Dimethylphenol	7.816	122	68857	9.818	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	101030	10.359	ng		98
29) 2,4-Dichlorophenol	8.022	162	65828	9.742	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	73124	10.364	ng		100
31) Naphthalene	8.192	128	253033	10.649	ng		100
32) Benzoic acid	7.869	122	11533	10.497	ng		99
33) 4-Chloroaniline	8.239	127	86526	10.307	ng		98
34) Hexachlorobutadiene	8.316	225	46582	10.478	ng		97
35) Caprolactam	8.569	113	17550	9.142	ng		95
36) 4-Chloro-3-methylphenol	8.704	107	69816	9.882	ng		98
37) 2-Methylnaphthalene	8.886	142	168450	10.734	ng		98
38) 1-Methylnaphthalene	8.981	142	163677	10.807	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	74627	10.426	ng		98
41) Hexachlorocyclopentadiene	9.039	237	27668	7.858	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	44065	9.317	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143587.D
Acq On : 26 Aug 2025 10:08
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 26 16:11:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

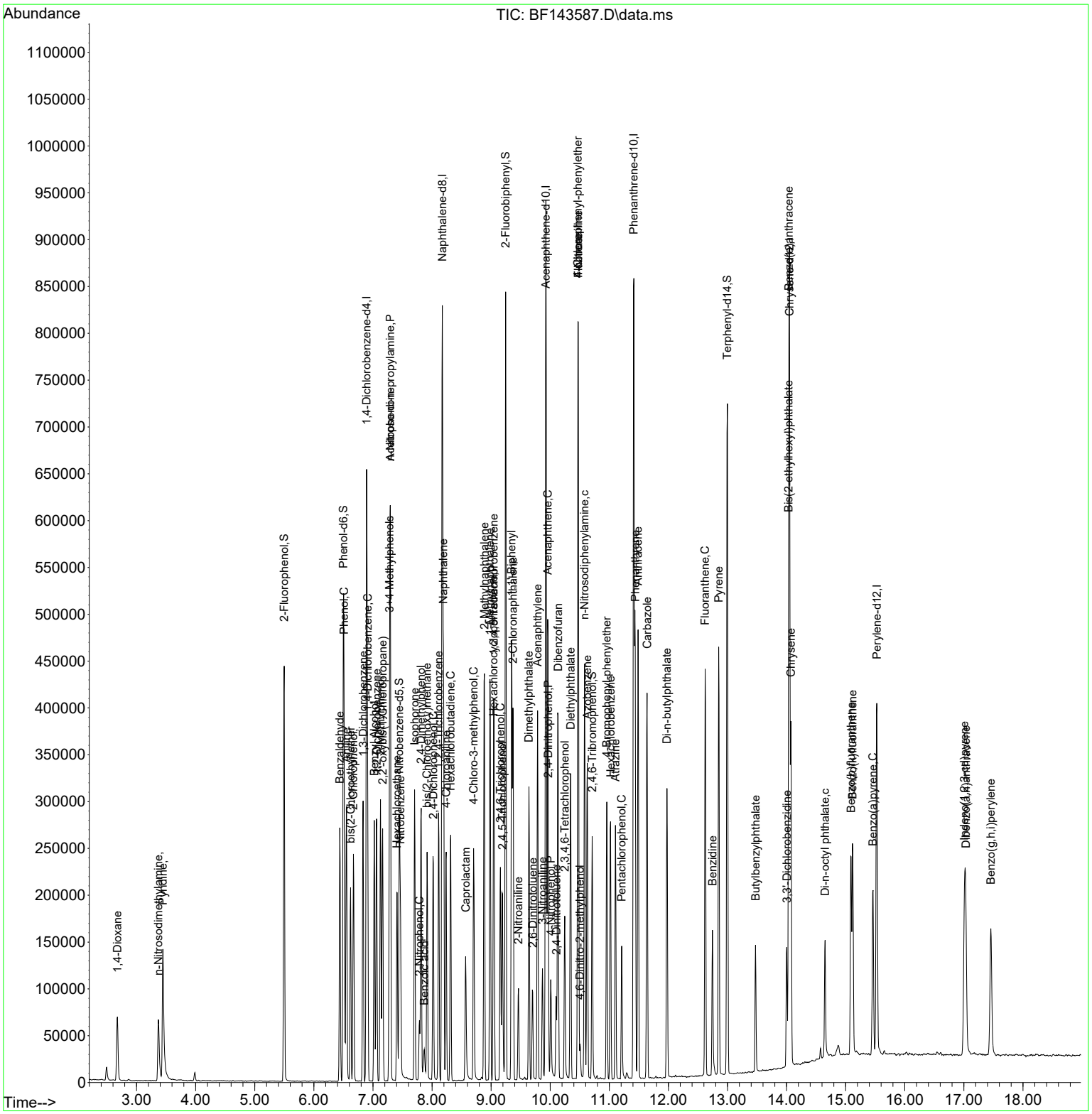
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	44113	9.230	ng		99
46)	1,1'-Biphenyl	9.345	154	205410	10.758	ng		99
47)	2-Chloronaphthalene	9.369	162	159704	10.588	ng		98
48)	2-Nitroaniline	9.463	65	20168	8.688	ng		96
49)	Acenaphthylene	9.786	152	230210	10.490	ng		99
50)	Dimethylphthalate	9.639	163	174143	10.289	ng		98
51)	2,6-Dinitrotoluene	9.704	165	12319	8.683	ng		93
52)	Acenaphthene	9.957	154	151712	10.554	ng		99
53)	3-Nitroaniline	9.869	138	17423	8.829	ng	#	84
54)	2,4-Dinitrophenol	9.969	184	2815	10.793	ng	#	1
55)	Dibenzofuran	10.133	168	224726	10.663	ng		98
56)	4-Nitrophenol	10.010	139	15629	10.297	ng		92
57)	2,4-Dinitrotoluene	10.104	165	16465	8.819	ng		96
58)	Fluorene	10.475	166	174729	11.042	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.245	232	30861	8.734	ng	#	98
60)	Diethylphthalate	10.345	149	164893	10.396	ng		100
61)	4-Chlorophenyl-phenyle...	10.469	204	84817	10.960	ng		96
62)	4-Nitroaniline	10.475	138	19692	9.171	ng		91
63)	Azobenzene	10.628	77	168877	10.501	ng		99
65)	4,6-Dinitro-2-methylph...	10.504	198	4554	10.835	ng		79
66)	n-Nitrosodiphenylamine	10.580	169	147463	10.434	ng		98
67)	4-Bromophenyl-phenylether	10.957	248	48723	10.138	ng		95
68)	Hexachlorobenzene	11.022	284	53046	10.319	ng		98
69)	Atrazine	11.104	200	40951	10.080	ng		96
70)	Pentachlorophenol	11.210	266	22523	7.668	ng		99
71)	Phenanthrene	11.439	178	258097	10.849	ng		99
72)	Anthracene	11.486	178	259415	10.820	ng		99
73)	Carbazole	11.639	167	226326	10.921	ng		99
74)	Di-n-butylphthalate	11.974	149	215157	10.193	ng		99
75)	Fluoranthene	12.621	202	244534	11.257	ng		99
77)	Benzidine	12.745	184	86805	12.632	ng		100
78)	Pyrene	12.851	202	256479	10.563	ng		99
80)	Butylbenzylphthalate	13.474	149	39991	9.054	ng		99
81)	Benzo(a)anthracene	14.039	228	185114	10.142	ng		98
82)	3,3'-Dichlorobenzidine	14.004	252	39296	8.030	ng		98
83)	Chrysene	14.074	228	170363	10.015	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.033	149	57632	9.290	ng		100
85)	Di-n-octyl phthalate	14.651	149	81881	10.276	ng		96
87)	Indeno(1,2,3-cd)pyrene	17.009	276	147309	9.673	ng		99
88)	Benzo(b)fluoranthene	15.092	252	135213	10.573	ng		98
89)	Benzo(k)fluoranthene	15.115	252	126261	10.559	ng		98
90)	Benzo(a)pyrene	15.462	252	111234	9.844	ng		99
91)	Dibenzo(a,h)anthracene	17.033	278	122340	9.816	ng		98
92)	Benzo(g,h,i)perylene	17.456	276	119872	9.715	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143587.D
Acq On : 26 Aug 2025 10:08
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 26 16:11:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143588.D
Acq On : 26 Aug 2025 10:37
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 26 16:12:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	126189	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	488557	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	269663	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	435462	20.000	ng		0.00
76) Chrysene-d12	14.051	240	257613	20.000	ng		0.00
86) Perylene-d12	15.527	264	236871	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	313716	42.313	ng		0.00
7) Phenol-d6	6.504	99	383824	41.797	ng		0.00
23) Nitrobenzene-d5	7.451	82	253620	37.066	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	89576	42.477	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	687949	43.618	ng		0.00
79) Terphenyl-d14	12.998	244	629061	43.819	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	74760	20.611	ng		100
3) Pyridine	3.440	79	192454	21.130	ng		100
4) n-Nitrosodimethylamine	3.375	42	86200	19.889	ng		100
6) Aniline	6.551	93	271443	21.174	ng		100
8) 2-Chlorophenol	6.675	128	162297	20.690	ng		98
9) Benzaldehyde	6.440	77	128481	18.594	ng		98
10) Phenol	6.516	94	217020	21.071	ng		99
11) bis(2-Chloroethyl)ether	6.622	93	169267	21.447	ng		99
12) 1,3-Dichlorobenzene	6.834	146	192269	21.339	ng		99
13) 1,4-Dichlorobenzene	6.910	146	193768	21.327	ng		99
14) 1,2-Dichlorobenzene	7.063	146	183912	21.341	ng		98
15) Benzyl Alcohol	7.022	79	143246	20.814	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	313039	21.488	ng		99
17) 2-Methylphenol	7.128	107	139460	20.943	ng		99
18) Hexachloroethane	7.410	117	61025	21.139	ng		100
19) n-Nitroso-di-n-propyla...	7.298	70	122088	20.986	ng		99
20) 3+4-Methylphenols	7.281	107	178040	21.769	ng	#	87
22) Acetophenone	7.298	105	233899	21.258	ng		98
24) Nitrobenzene	7.469	77	149004	20.312	ng		100
25) Isophorone	7.710	82	333517	20.828	ng		99
26) 2-Nitrophenol	7.787	139	39289	18.004	ng		99
27) 2,4-Dimethylphenol	7.816	122	144884	20.796	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	206931	21.360	ng		99
29) 2,4-Dichlorophenol	8.022	162	141331	21.055	ng		100
30) 1,2,4-Trichlorobenzene	8.110	180	144742	20.652	ng		99
31) Naphthalene	8.192	128	503723	21.340	ng		100
32) Benzoic acid	7.892	122	44690m	19.212	ng		
33) 4-Chloroaniline	8.239	127	175911	21.095	ng		98
34) Hexachlorobutadiene	8.316	225	92307	20.901	ng		100
35) Caprolactam	8.587	113	38224	20.044	ng		98
36) 4-Chloro-3-methylphenol	8.710	107	146566	20.885	ng		99
37) 2-Methylnaphthalene	8.887	142	334216	21.440	ng		100
38) 1-Methylnaphthalene	8.987	142	320083	21.276	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	149310	21.287	ng		98
41) Hexachlorocyclopentadiene	9.039	237	67112	19.450	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	96167	20.748	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143588.D
Acq On : 26 Aug 2025 10:37
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 26 16:12:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	97036	20.719	ng		100
46)	1,1'-Biphenyl	9.345	154	399040	21.326	ng		99
47)	2-Chloronaphthalene	9.375	162	308140	20.847	ng		98
48)	2-Nitroaniline	9.463	65	60748	17.775	ng		96
49)	Acenaphthylene	9.786	152	461493	21.459	ng		99
50)	Dimethylphthalate	9.639	163	352224	21.235	ng		99
51)	2,6-Dinitrotoluene	9.704	165	39185	17.446	ng		97
52)	Acenaphthene	9.963	154	300626	21.341	ng		99
53)	3-Nitroaniline	9.869	138	52343	18.640	ng	#	94
54)	2,4-Dinitrophenol	9.975	184	8735	18.641	ng	#	1
55)	Dibenzofuran	10.134	168	444398	21.517	ng		98
56)	4-Nitrophenol	10.016	139	43472	19.508	ng		98
57)	2,4-Dinitrotoluene	10.104	165	50144	17.175	ng		95
58)	Fluorene	10.475	166	331877	21.402	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.245	232	73703	21.286	ng		100
60)	Diethylphthalate	10.345	149	331543	21.329	ng		100
61)	4-Chlorophenyl-phenyle...	10.469	204	162506	21.428	ng		98
62)	4-Nitroaniline	10.481	138	51496	18.883	ng		97
63)	Azobenzene	10.628	77	340432	21.601	ng		99
65)	4,6-Dinitro-2-methylph...	10.510	198	15397	18.075	ng		98
66)	n-Nitrosodiphenylamine	10.581	169	288398	20.821	ng		100
67)	4-Bromophenyl-phenylether	10.957	248	99160	21.052	ng		98
68)	Hexachlorobenzene	11.022	284	105499	20.940	ng		98
69)	Atrazine	11.110	200	81959	20.585	ng		99
70)	Pentachlorophenol	11.210	266	54701	19.003	ng		99
71)	Phenanthrene	11.439	178	490642	21.044	ng		99
72)	Anthracene	11.486	178	501308	21.336	ng		99
73)	Carbazole	11.639	167	431428	21.242	ng		100
74)	Di-n-butylphthalate	11.975	149	440920	21.314	ng		100
75)	Fluoranthene	12.622	202	463951	21.794	ng		99
77)	Benzidine	12.745	184	168467	27.609	ng		99
78)	Pyrene	12.851	202	466310	21.629	ng		99
80)	Butylbenzylphthalate	13.474	149	99354	18.739	ng		99
81)	Benzo(a)anthracene	14.039	228	331781	20.471	ng		99
82)	3,3'-Dichlorobenzidine	14.004	252	87340	20.100	ng		98
83)	Chrysene	14.074	228	320345	21.209	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.033	149	136406	19.370	ng		99
85)	Di-n-octyl phthalate	14.651	149	216458	18.941	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.015	276	346199	21.482	ng		100
88)	Benzo(b)fluoranthene	15.092	252	267822	19.789	ng		99
89)	Benzo(k)fluoranthene	15.121	252	275954	21.807	ng		99
90)	Benzo(a)pyrene	15.463	252	245034	20.491	ng		100
91)	Dibenzo(a,h)anthracene	17.039	278	282029	21.382	ng		99
92)	Benzo(g,h,i)perylene	17.468	276	273261	20.926	ng		100

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

ICAL Form

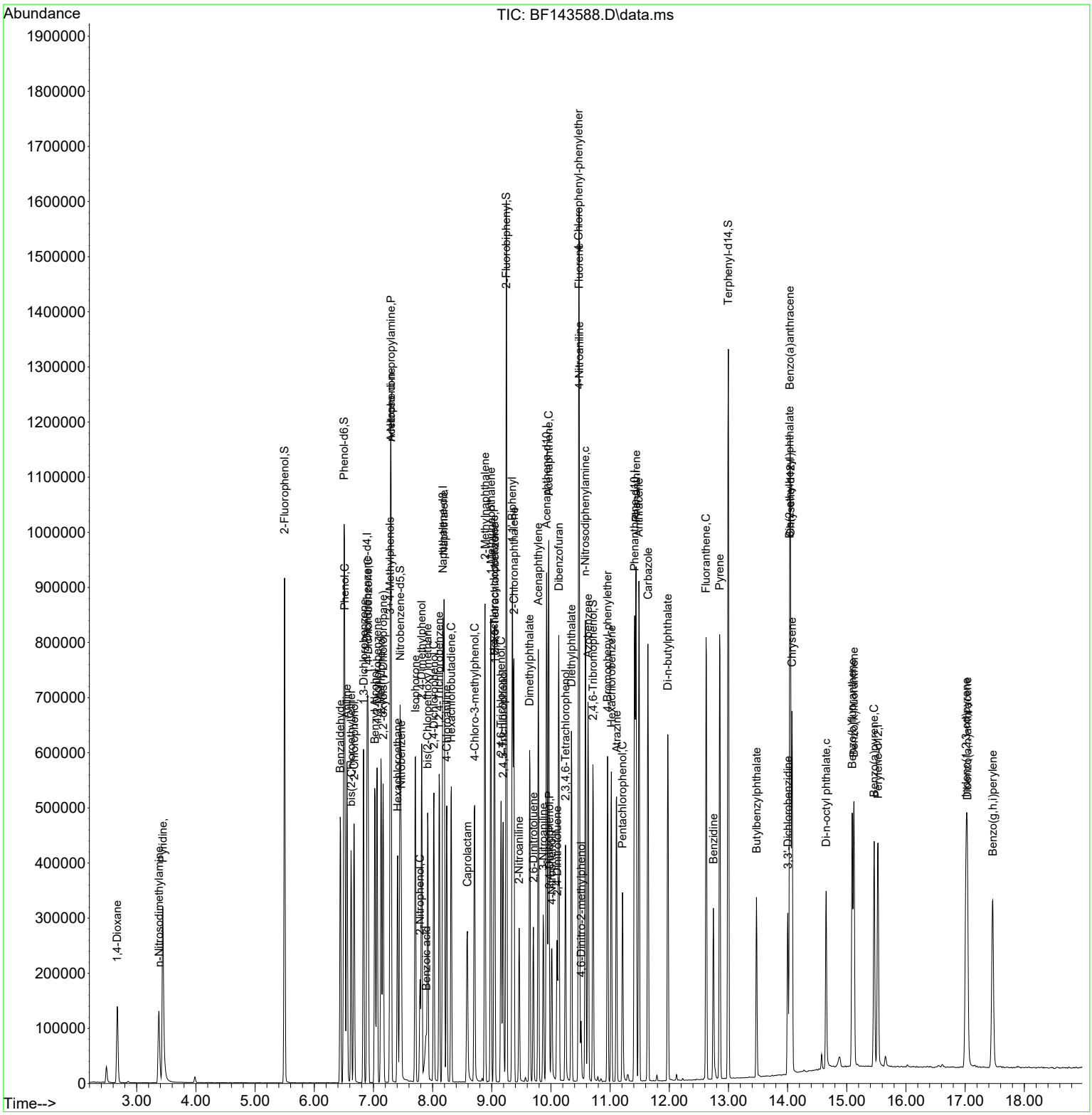
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143588.D
Acq On : 26 Aug 2025 10:37
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 26 16:12:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143589.D
Acq On : 26 Aug 2025 11:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 26 16:13:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	157333	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	591271	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	318528	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	479444	20.000	ng	0.00
76) Chrysene-d12	14.051	240	273832	20.000	ng	0.00
86) Perylene-d12	15.527	264	334519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	724943	78.422	ng	0.00
7) Phenol-d6	6.510	99	894793	78.152	ng	0.00
23) Nitrobenzene-d5	7.457	82	692865	83.669	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	205843	82.636	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1426761	76.584	ng	0.00
79) Terphenyl-d14	12.998	244	1143550	74.939	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	179595	39.712	ng	100
3) Pyridine	3.440	79	473218	41.671	ng	100
4) n-Nitrosodimethylamine	3.393	42	218791	40.488	ng	100
6) Aniline	6.557	93	623194	38.989	ng	100
8) 2-Chlorophenol	6.675	128	389729	39.849	ng	100
9) Benzaldehyde	6.445	77	380288	44.142	ng	100
10) Phenol	6.528	94	498340m	38.807	ng	
11) bis(2-Chloroethyl)ether	6.628	93	381086	38.728	ng	100
12) 1,3-Dichlorobenzene	6.834	146	433636	38.600	ng	100
13) 1,4-Dichlorobenzene	6.910	146	440618	38.897	ng	100
14) 1,2-Dichlorobenzene	7.063	146	412999	38.437	ng	100
15) Benzyl Alcohol	7.028	79	342223	39.883	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	699533	38.514	ng	100
17) 2-Methylphenol	7.133	107	324534	39.088	ng	100
18) Hexachloroethane	7.410	117	144818	40.234	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	275538	37.988	ng	100
20) 3+4-Methylphenols	7.292	107	405303	39.746	ng	100
22) Acetophenone	7.304	105	516387	38.780	ng	100
24) Nitrobenzene	7.475	77	389907	43.918	ng	100
25) Isophorone	7.716	82	762668	39.355	ng	100
26) 2-Nitrophenol	7.792	139	135383	39.642	ng	100
27) 2,4-Dimethylphenol	7.822	122	337446	40.021	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	455240	38.827	ng	100
29) 2,4-Dichlorophenol	8.028	162	335894	41.347	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	336080	39.622	ng	100
31) Naphthalene	8.198	128	1109088	38.824	ng	100
32) Benzoic acid	7.922	122	148491	37.681	ng	100
33) 4-Chloroaniline	8.239	127	399603	39.595	ng	100
34) Hexachlorobutadiene	8.316	225	209059	39.114	ng	100
35) Caprolactam	8.616	113	92543	40.097	ng	100
36) 4-Chloro-3-methylphenol	8.716	107	340489	40.089	ng	100
37) 2-Methylnaphthalene	8.886	142	727785	38.577	ng	100
38) 1-Methylnaphthalene	8.986	142	708381	38.906	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	324978	39.224	ng	100
41) Hexachlorocyclopentadiene	9.039	237	167983	41.214	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	238330	43.532	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143589.D
Acq On : 26 Aug 2025 11:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Aug 26 16:13:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	224880	40.650	ng	100
46) 1,1'-Biphenyl	9.351	154	865373	39.154	ng	100
47) 2-Chloronaphthalene	9.375	162	691742	39.621	ng	100
48) 2-Nitroaniline	9.469	65	183005	38.659	ng	100
49) Acenaphthylene	9.792	152	992186	39.058	ng	100
50) Dimethylphthalate	9.645	163	764116	39.001	ng	100
51) 2,6-Dinitrotoluene	9.710	165	120098	37.641	ng	100
52) Acenaphthene	9.963	154	646203	38.835	ng	100
53) 3-Nitroaniline	9.880	138	148625	39.079	ng	100
54) 2,4-Dinitrophenol	9.980	184	31823	37.216	ng	100
55) Dibenzofuran	10.133	168	936624	38.393	ng	100
56) 4-Nitrophenol	10.022	139	120396	38.632	ng	100
57) 2,4-Dinitrotoluene	10.110	165	156612	37.431	ng	100
58) Fluorene	10.480	166	693445	37.859	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	172339	42.137	ng	100
60) Diethylphthalate	10.351	149	707196	38.516	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	339673	37.919	ng	100
62) 4-Nitroaniline	10.492	138	135114	37.853	ng	100
63) Azobenzene	10.633	77	718876	38.616	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	55347	38.129	ng	100
66) n-Nitrosodiphenylamine	10.586	169	606144	39.747	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	209918	40.478	ng	100
68) Hexachlorobenzene	11.027	284	219878	39.638	ng	100
69) Atrazine	11.116	200	173611	39.604	ng	100
70) Pentachlorophenol	11.216	266	133606	42.157	ng	100
71) Phenanthrene	11.439	178	997324	38.852	ng	100
72) Anthracene	11.492	178	998143	38.584	ng	100
73) Carbazole	11.645	167	855082	38.239	ng	100
74) Di-n-butylphthalate	11.974	149	885338	38.870	ng	100
75) Fluoranthene	12.627	202	859839	36.685	ng	100
77) Benzidine	12.745	184	294704	45.437	ng	100
78) Pyrene	12.857	202	881203	38.452	ng	100
80) Butylbenzylphthalate	13.474	149	249520	39.277	ng	100
81) Benzo(a)anthracene	14.039	228	688271	39.952	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	204431	44.260	ng	100
83) Chrysene	14.080	228	616340	38.389	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	345979	41.731	ng	100
85) Di-n-octyl phthalate	14.651	149	638918	41.800	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	956205	42.014	ng	100
88) Benzo(b)fluoranthene	15.098	252	699249	36.584	ng	100
89) Benzo(k)fluoranthene	15.127	252	709824	39.719	ng	100
90) Benzo(a)pyrene	15.468	252	690197	40.870	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	772126	41.451	ng	100
92) Benzo(g,h,i)perylene	17.486	276	768069	41.649	ng	100

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

ICAL Form

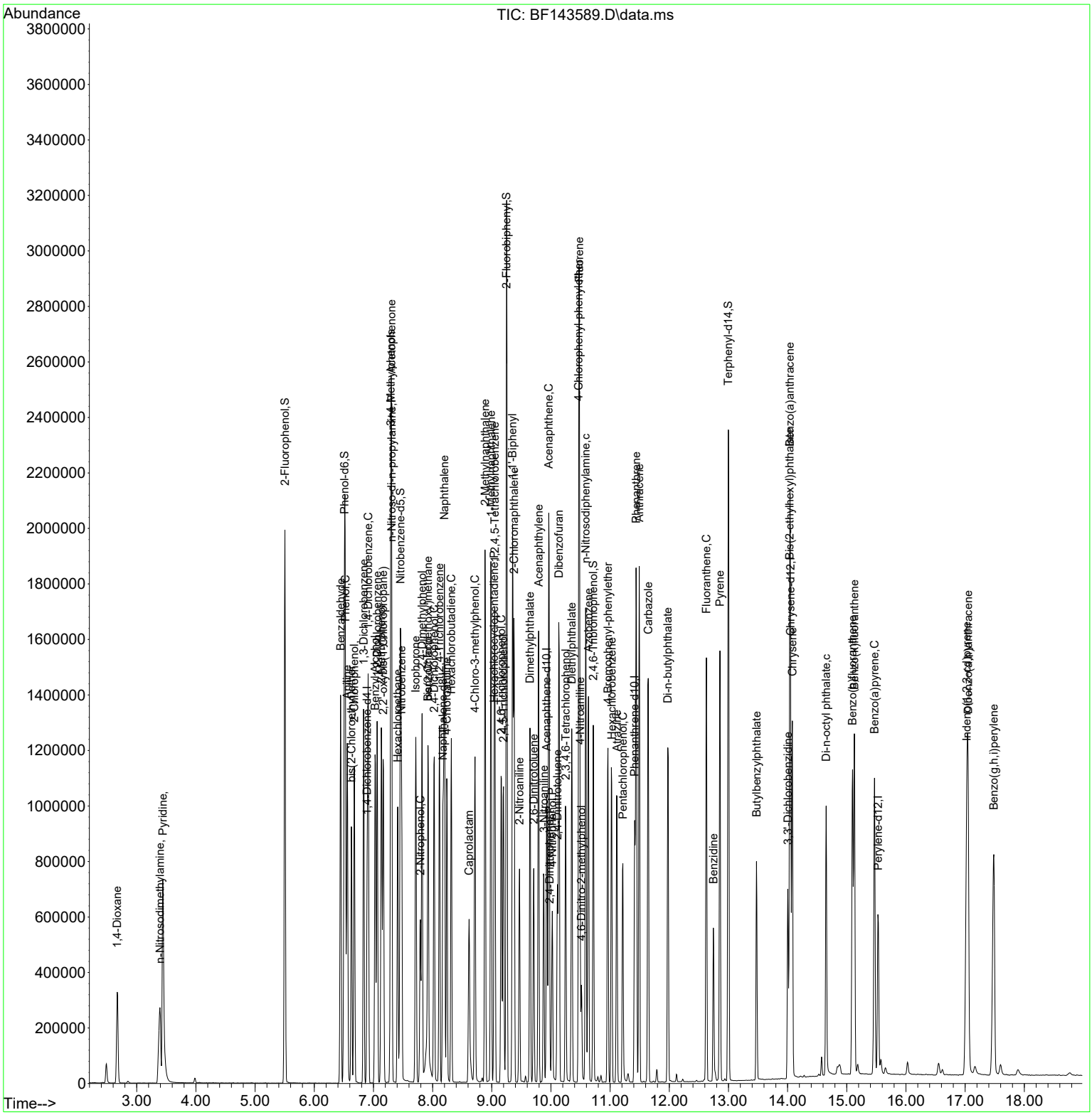
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143589.D
Acq On : 26 Aug 2025 11:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 26 16:13:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143590.D
Acq On : 26 Aug 2025 11:35
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 26 16:14:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	160488	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	606898	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	327641	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	505352	20.000	ng		0.00
76) Chrysene-d12	14.057	240	266551	20.000	ng		0.00
86) Perylene-d12	15.527	264	332150	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	893867	94.795	ng		0.00
7) Phenol-d6	6.516	99	1101697	94.331	ng		0.00
23) Nitrobenzene-d5	7.457	82	909639	107.018	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	266314	103.939	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1705535	89.002	ng		0.00
79) Terphenyl-d14	13.004	244	1439694	96.924	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	218885	47.449	ng		99
3) Pyridine	3.440	79	598037	51.627	ng		99
4) n-Nitrosodimethylamine	3.399	42	276710	50.200	ng		100
6) Aniline	6.557	93	790445	48.480	ng		100
8) 2-Chlorophenol	6.675	128	484279	48.543	ng		100
9) Benzaldehyde	6.445	77	405832	46.181	ng		99
10) Phenol	6.528	94	625089m	47.720	ng		
11) bis(2-Chloroethyl)ether	6.634	93	464124	46.240	ng		100
12) 1,3-Dichlorobenzene	6.834	146	537267	46.884	ng		99
13) 1,4-Dichlorobenzene	6.910	146	533010	46.128	ng		99
14) 1,2-Dichlorobenzene	7.063	146	513749	46.873	ng		99
15) Benzyl Alcohol	7.034	79	431070	49.249	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	850661	45.913	ng		98
17) 2-Methylphenol	7.140	107	408163	48.195	ng		100
18) Hexachloroethane	7.410	117	180037	49.036	ng		99
19) n-Nitroso-di-n-propyla...	7.316	70	345157	46.651	ng		99
20) 3+4-Methylphenols	7.298	107	492496	47.347	ng	#	88
22) Acetophenone	7.304	105	634514	46.424	ng	#	96
24) Nitrobenzene	7.481	77	498416	54.694	ng		98
25) Isophorone	7.722	82	952543	47.887	ng		99
26) 2-Nitrophenol	7.792	139	196734	51.520	ng		99
27) 2,4-Dimethylphenol	7.822	122	428136	49.469	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	571397	47.480	ng		100
29) 2,4-Dichlorophenol	8.028	162	414083	49.659	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	417445	47.948	ng		100
31) Naphthalene	8.198	128	1364825	46.546	ng		100
32) Benzoic acid	7.940	122	227931	50.621	ng		98
33) 4-Chloroaniline	8.245	127	492740	47.567	ng		99
34) Hexachlorobutadiene	8.316	225	259975	47.388	ng		100
35) Caprolactam	8.628	113	119937	50.629	ng		99
36) 4-Chloro-3-methylphenol	8.716	107	429718	49.292	ng		98
37) 2-Methylnaphthalene	8.887	142	889148	45.917	ng		100
38) 1-Methylnaphthalene	8.986	142	858840	45.955	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	407732	47.844	ng		98
41) Hexachlorocyclopentadiene	9.039	237	223212	53.241	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	294037	52.214	ng		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143590.D
Acq On : 26 Aug 2025 11:35
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 26 16:14:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	291380	51.205	ng	99
46) 1,1'-Biphenyl	9.351	154	1050153	46.193	ng	99
47) 2-Chloronaphthalene	9.381	162	847842	47.211	ng	99
48) 2-Nitroaniline	9.469	65	251847	50.267	ng	99
49) Acenaphthylene	9.792	152	1219532	46.673	ng	100
50) Dimethylphthalate	9.651	163	966360	47.951	ng	99
51) 2,6-Dinitrotoluene	9.710	165	170353	50.095	ng	99
52) Acenaphthene	9.963	154	793413	46.356	ng	99
53) 3-Nitroaniline	9.881	138	201198	50.142	ng	99
54) 2,4-Dinitrophenol	9.981	184	53928	51.178	ng	89
55) Dibenzofuran	10.139	168	1167014	46.506	ng	98
56) 4-Nitrophenol	10.028	139	164759	49.650	ng	100
57) 2,4-Dinitrotoluene	10.110	165	226076	50.572	ng	99
58) Fluorene	10.481	166	847912	45.004	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	226907	53.935	ng	99
60) Diethylphthalate	10.351	149	898948	47.598	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	421624	45.758	ng	97
62) 4-Nitroaniline	10.492	138	187927	50.005	ng	99
63) Azobenzene	10.633	77	910084	47.527	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	89281	51.344	ng	97
66) n-Nitrosodiphenylamine	10.592	169	755634	47.009	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	262828	48.083	ng	99
68) Hexachlorobenzene	11.028	284	277692	47.494	ng	99
69) Atrazine	11.116	200	230238	49.829	ng	100
70) Pentachlorophenol	11.216	266	177401	53.106	ng	99
71) Phenanthrene	11.439	178	1257113	46.461	ng	100
72) Anthracene	11.492	178	1260551	46.229	ng	100
73) Carbazole	11.645	167	1080574	45.845	ng	100
74) Di-n-butylphthalate	11.980	149	1168015	48.652	ng	100
75) Fluoranthene	12.627	202	1088814	44.072	ng	99
77) Benzidine	12.745	184	237573	37.629	ng	100
78) Pyrene	12.857	202	1124413	50.405	ng	100
80) Butylbenzylphthalate	13.474	149	303475	48.160	ng	99
81) Benzo(a)anthracene	14.045	228	810442	48.328	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	226287	50.330	ng	98
83) Chrysene	14.080	228	752062	48.122	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	386823	47.451	ng	99
85) Di-n-octyl phthalate	14.651	149	751428	49.140	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	1163383	51.481	ng	99
88) Benzo(b)fluoranthene	15.098	252	836795	44.093	ng	100
89) Benzo(k)fluoranthene	15.127	252	853238	48.085	ng	100
90) Benzo(a)pyrene	15.468	252	820860	48.954	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	935510	50.581	ng	100
92) Benzo(g,h,i)perylene	17.492	276	953242	52.059	ng	99

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

ICAL Form

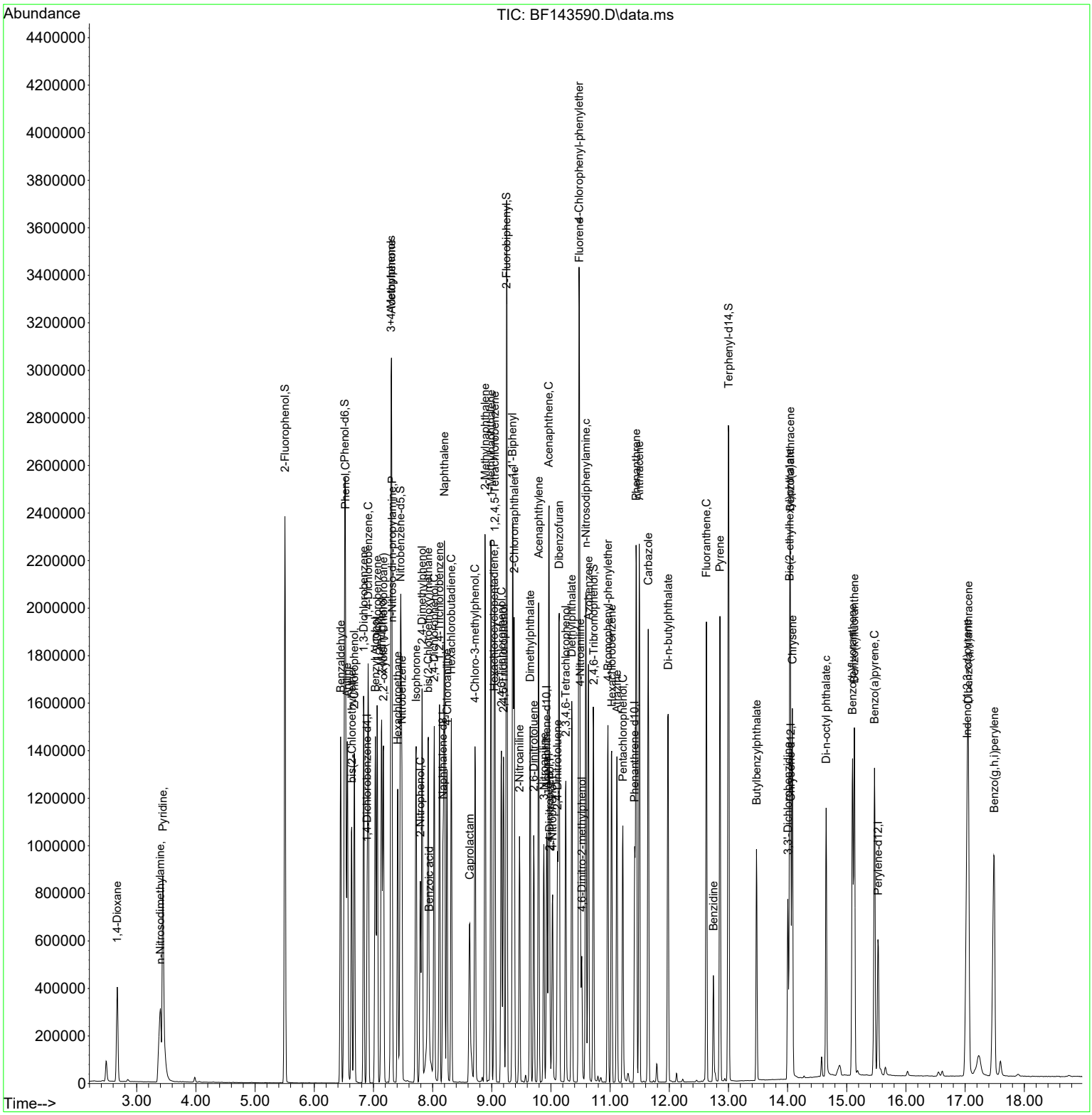
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143590.D
Acq On : 26 Aug 2025 11:35
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 26 16:14:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143591.D
Acq On : 26 Aug 2025 12:03
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 26 16:15:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	137780	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	532486	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	295079	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	460122	20.000	ng		0.00
76) Chrysene-d12	14.057	240	261773	20.000	ng		0.00
86) Perylene-d12	15.533	264	292887	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	951696	117.562	ng		0.00
7) Phenol-d6	6.516	99	1176794	117.368	ng		0.00
23) Nitrobenzene-d5	7.463	82	1006620	134.977	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	301082	130.476	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1869545	108.326	ng		0.00
79) Terphenyl-d14	13.004	244	1653509	113.350	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	235765	59.531	ng		99
3) Pyridine	3.446	79	636556	64.009	ng		98
4) n-Nitrosodimethylamine	3.404	42	290453	61.378	ng		99
6) Aniline	6.563	93	846590	60.482	ng		99
8) 2-Chlorophenol	6.681	128	520372	60.758	ng		98
9) Benzaldehyde	6.445	77	480470	63.686	ng		98
10) Phenol	6.534	94	668560m	59.450	ng		
11) bis(2-Chloroethyl)ether	6.634	93	505924	58.711	ng		99
12) 1,3-Dichlorobenzene	6.839	146	569083	57.846	ng		99
13) 1,4-Dichlorobenzene	6.916	146	573603	57.823	ng		99
14) 1,2-Dichlorobenzene	7.063	146	549053	58.351	ng		99
15) Benzyl Alcohol	7.034	79	461530	61.420	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	916500	57.620	ng		99
17) 2-Methylphenol	7.139	107	437813	60.216	ng		99
18) Hexachloroethane	7.410	117	194548	61.721	ng		99
19) n-Nitroso-di-n-propyla...	7.316	70	380716	59.938	ng		99
20) 3+4-Methylphenols	7.298	107	524073	58.687	ng		92
22) Acetophenone	7.304	105	675596	56.337	ng	#	93
24) Nitrobenzene	7.481	77	545670	68.247	ng		99
25) Isophorone	7.722	82	1044718	59.861	ng		100
26) 2-Nitrophenol	7.792	139	226541	63.010	ng		99
27) 2,4-Dimethylphenol	7.822	122	457303	60.223	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	617374	58.469	ng		100
29) 2,4-Dichlorophenol	8.028	162	453781	62.025	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	448549	58.720	ng		100
31) Naphthalene	8.198	128	1451599	56.423	ng		100
32) Benzoic acid	7.945	122	274628	64.060	ng		97
33) 4-Chloroaniline	8.245	127	521421	57.369	ng		98
34) Hexachlorobutadiene	8.316	225	279068	57.977	ng		100
35) Caprolactam	8.633	113	132920	63.950	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	472718	61.802	ng		99
37) 2-Methylnaphthalene	8.886	142	966245	56.871	ng		98
38) 1-Methylnaphthalene	8.986	142	930962	56.776	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	434888	56.661	ng		99
41) Hexachlorocyclopentadiene	9.045	237	246889	65.387	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	321966	63.482	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143591.D
Acq On : 26 Aug 2025 12:03
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Quant Time: Aug 26 16:15:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	325359	63.486	ng		99
46) 1,1'-Biphenyl	9.357	154	1139538	55.656	ng		99
47) 2-Chloronaphthalene	9.380	162	917192	56.708	ng		99
48) 2-Nitroaniline	9.469	65	290200	63.110	ng		98
49) Acenaphthylene	9.792	152	1337587	56.840	ng		100
50) Dimethylphthalate	9.651	163	1065705	58.716	ng		100
51) 2,6-Dinitrotoluene	9.716	165	199989	63.848	ng		94
52) Acenaphthene	9.969	154	877939	56.955	ng		99
53) 3-Nitroaniline	9.880	138	231736	62.988	ng	#	99
54) 2,4-Dinitrophenol	9.980	184	68520	63.601	ng		97
55) Dibenzofuran	10.139	168	1284512	56.837	ng		100
56) 4-Nitrophenol	10.027	139	192769	62.919	ng		98
57) 2,4-Dinitrotoluene	10.116	165	260649	63.380	ng		98
58) Fluorene	10.480	166	934500	55.074	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	254290	67.114	ng		99
60) Diethylphthalate	10.357	149	1015342	59.694	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	465155	56.053	ng		97
62) 4-Nitroaniline	10.498	138	216075	62.913	ng		100
63) Azobenzene	10.633	77	996600	57.788	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	109742	63.420	ng		98
66) n-Nitrosodiphenylamine	10.592	169	842397	57.558	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	291665	58.603	ng		97
68) Hexachlorobenzene	11.027	284	311387	58.492	ng		99
69) Atrazine	11.116	200	260523	61.926	ng		99
70) Pentachlorophenol	11.216	266	200425	65.896	ng		100
71) Phenanthrene	11.445	178	1372211	55.700	ng		100
72) Anthracene	11.492	178	1386506	55.847	ng		99
73) Carbazole	11.645	167	1194384	55.655	ng		99
74) Di-n-butylphthalate	11.980	149	1336721	61.153	ng		100
75) Fluoranthene	12.627	202	1243512	55.282	ng		100
77) Benzidine	12.745	184	174059	28.072	ng		100
78) Pyrene	12.857	202	1266940	57.831	ng		100
80) Butylbenzylphthalate	13.474	149	402596	63.769	ng		99
81) Benzo(a)anthracene	14.045	228	957974	58.169	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	262549	59.461	ng		99
83) Chrysene	14.080	228	917582	59.784	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	500152	61.448	ng		99
85) Di-n-octyl phthalate	14.651	149	925529	59.879	ng		98
87) Indeno(1,2,3-cd)pyrene	17.033	276	1256650	63.063	ng		99
88) Benzo(b)fluoranthene	15.098	252	1040364	62.168	ng		100
89) Benzo(k)fluoranthene	15.127	252	863077	55.159	ng		100
90) Benzo(a)pyrene	15.468	252	904702	61.188	ng		99
91) Dibenzo(a,h)anthracene	17.056	278	1021635	62.642	ng		100
92) Benzo(g,h,i)perylene	17.492	276	1016575	62.960	ng		99

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

ICAL Form

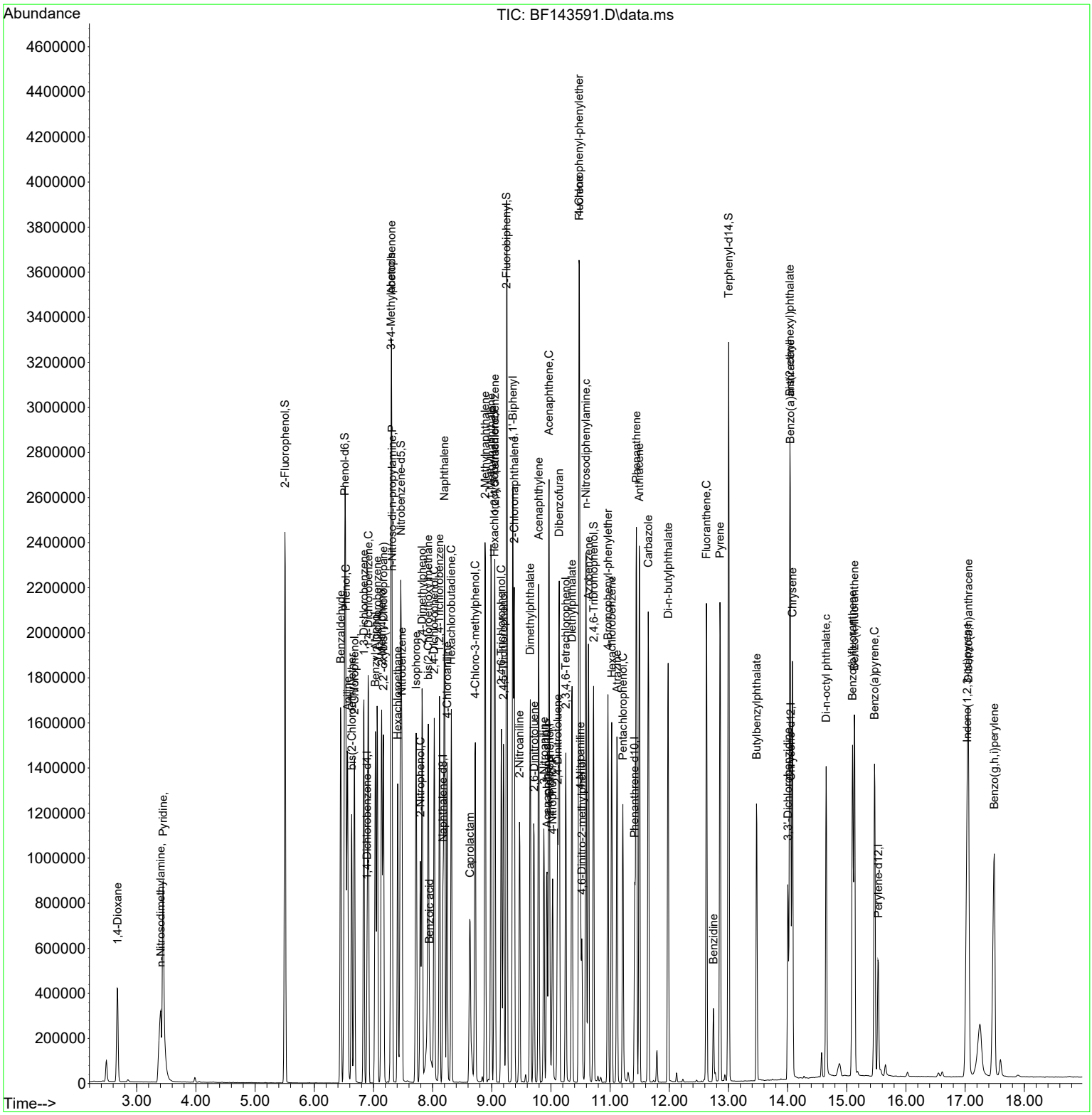
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143591.D
Acq On : 26 Aug 2025 12:03
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 26 16:15:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143592.D
Acq On : 26 Aug 2025 12:32
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 26 16:16:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	118333	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	451335	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	244563	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	369283	20.000	ng	0.00
76) Chrysene-d12	14.057	240	207669	20.000	ng	0.00
86) Perylene-d12	15.533	264	261116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1039882	149.566	ng	0.00
7) Phenol-d6	6.516	99	1274273	147.976	ng	0.00
23) Nitrobenzene-d5	7.463	82	1107689	175.236	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	317703	166.117	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1958863	136.946	ng	0.00
79) Terphenyl-d14	13.004	244	1647677	142.377	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	265352	78.013	ng	98
3) Pyridine	3.440	79	703637	82.382	ng	99
4) n-Nitrosodimethylamine	3.405	42	322774	79.417	ng	99
6) Aniline	6.563	93	909292	75.637	ng	100
8) 2-Chlorophenol	6.681	128	565436	76.869	ng	97
10) Phenol	6.534	94	727271m	75.299	ng	
11) bis(2-Chloroethyl)ether	6.634	93	548310	74.087	ng	99
12) 1,3-Dichlorobenzene	6.840	146	614602	72.739	ng	98
13) 1,4-Dichlorobenzene	6.916	146	613284	71.983	ng	99
14) 1,2-Dichlorobenzene	7.063	146	599205	74.146	ng	98
15) Benzyl Alcohol	7.034	79	500093	77.489	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	970380	71.033	ng	98
17) 2-Methylphenol	7.140	107	473196	75.778	ng	99
18) Hexachloroethane	7.410	117	206550	76.298	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	408301	74.845	ng	98
20) 3+4-Methylphenols	7.298	107	565511	73.735	ng	96
22) Acetophenone	7.310	105	720367	70.872	ng	99
24) Nitrobenzene	7.481	77	596889	88.076	ng	99
25) Isophorone	7.722	82	1125213	76.066	ng	100
26) 2-Nitrophenol	7.792	139	256434	77.706	ng	99
27) 2,4-Dimethylphenol	7.822	122	494480	76.828	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	655211	73.209	ng	100
29) 2,4-Dichlorophenol	8.028	162	484857	78.188	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	474389	73.269	ng	99
31) Naphthalene	8.198	128	1552362	71.189	ng	100
32) Benzoic acid	7.945	122	303371	77.933	ng	97
33) 4-Chloroaniline	8.245	127	569536	73.930	ng	99
34) Hexachlorobutadiene	8.316	225	298282	73.111	ng	99
35) Caprolactam	8.634	113	141333	80.224	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	502609	77.525	ng	99
37) 2-Methylnaphthalene	8.892	142	1019745	70.812	ng	100
38) 1-Methylnaphthalene	8.992	142	989412	71.190	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	459753	72.274	ng	100
41) Hexachlorocyclopentadiene	9.045	237	264562	84.541	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	340126	80.915	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	349731	82.338	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143592.D
Acq On : 26 Aug 2025 12:32
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Quant Time: Aug 26 16:16:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.357	154	1198951	70.653	ng		99
47) 2-Chloronaphthalene	9.381	162	981816	73.243	ng		100
48) 2-Nitroaniline	9.469	65	311379	80.435	ng		98
49) Acenaphthylene	9.792	152	1419464	72.778	ng		99
50) Dimethylphthalate	9.651	163	1122261	74.604	ng		100
51) 2,6-Dinitrotoluene	9.716	165	214146	81.094	ng		95
52) Acenaphthene	9.969	154	931901	72.943	ng		99
53) 3-Nitroaniline	9.881	138	245946	79.514	ng	#	97
54) 2,4-Dinitrophenol	9.981	184	79141	78.176	ng		89
55) Dibenzofuran	10.139	168	1349245	72.033	ng		99
56) 4-Nitrophenol	10.028	139	204329	78.994	ng		99
57) 2,4-Dinitrotoluene	10.116	165	282664	81.433	ng		98
58) Fluorene	10.481	166	980602	69.728	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	269270	85.747	ng		99
60) Diethylphthalate	10.357	149	1045037	74.130	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	478559	69.580	ng		98
62) 4-Nitroaniline	10.498	138	231921	80.486	ng		99
63) Azobenzene	10.633	77	1034753	72.394	ng		99
65) 4,6-Dinitro-2-methylph...	10.528	198	118332	77.966	ng		92
66) n-Nitrosodiphenylamine	10.592	169	875528	74.537	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	304258	76.172	ng		98
68) Hexachlorobenzene	11.028	284	320040	74.906	ng		98
69) Atrazine	11.116	200	260979	77.295	ng		99
70) Pentachlorophenol	11.216	266	208704	85.497	ng		99
71) Phenanthrene	11.445	178	1410689	71.348	ng		100
72) Anthracene	11.498	178	1431840	71.860	ng		100
73) Carbazole	11.645	167	1225872	71.173	ng		100
74) Di-n-butylphthalate	11.980	149	1318949	75.182	ng		100
75) Fluoranthene	12.627	202	1244385	68.929	ng		100
77) Benzidine	12.745	184	327388	66.557	ng		100
78) Pyrene	12.857	202	1251841	72.028	ng		100
80) Butylbenzylphthalate	13.474	149	407071	80.269	ng		100
81) Benzo(a)anthracene	14.045	228	984835	75.379	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	304862	87.032	ng		98
83) Chrysene	14.080	228	937556	77.000	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	525278	80.299	ng		99
85) Di-n-octyl phthalate	14.651	149	1016224	79.961	ng		98
87) Indeno(1,2,3-cd)pyrene	17.039	276	1419838	79.922	ng		99
88) Benzo(b)fluoranthene	15.098	252	1116909	74.863	ng		99
89) Benzo(k)fluoranthene	15.133	252	988639	70.872	ng		100
90) Benzo(a)pyrene	15.474	252	1025759	77.816	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	1136990	78.197	ng		99
92) Benzo(g,h,i)perylene	17.498	276	1154891	80.229	ng		99

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

ICAL Form

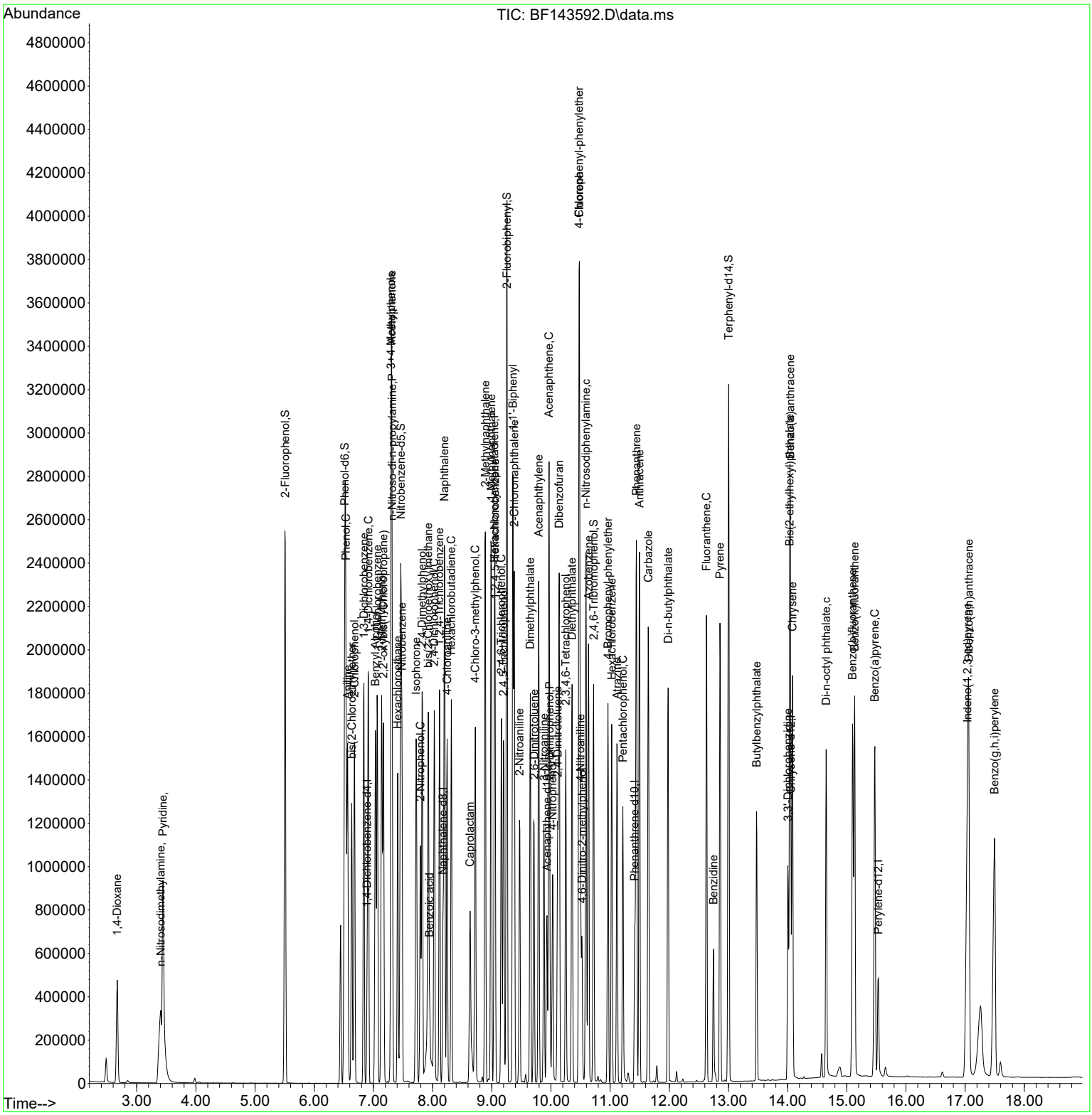
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143592.D
Acq On : 26 Aug 2025 12:32
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 26 16:16:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	157712	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	601114	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	327150	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	506960	20.000	ng	0.00
76) Chrysene-d12	14.051	240	276317	20.000	ng	0.00
86) Perylene-d12	15.527	264	321846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	704424	76.019	ng	0.00
7) Phenol-d6	6.510	99	876773	76.394	ng	0.00
23) Nitrobenzene-d5	7.457	82	762282	90.545	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	222418	86.937	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1405536	73.456	ng	0.00
79) Terphenyl-d14	12.998	244	1203079	78.131	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	168044	37.069	ng	98
3) Pyridine	3.440	79	459615	40.375	ng	99
4) n-Nitrosodimethylamine	3.393	42	205702	37.975	ng	98
6) Aniline	6.557	93	609762	38.057	ng	99
8) 2-Chlorophenol	6.675	128	383878	39.156	ng	98
9) Benzaldehyde	6.445	77	367411	42.545	ng	99
10) Phenol	6.528	94	481885m	37.436	ng	
11) bis(2-Chloroethyl)ether	6.628	93	373323	37.848	ng	98
12) 1,3-Dichlorobenzene	6.833	146	426428	37.867	ng	98
13) 1,4-Dichlorobenzene	6.910	146	418786	36.881	ng	99
14) 1,2-Dichlorobenzene	7.063	146	404850	37.588	ng	99
15) Benzyl Alcohol	7.028	79	340258	39.558	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	651543	35.785	ng	98
17) 2-Methylphenol	7.133	107	319640	38.406	ng	99
18) Hexachloroethane	7.410	117	142953	39.621	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	272967	37.543	ng	97
20) 3+4-Methylphenols	7.292	107	401106	39.240	ng	98
22) Acetophenone	7.304	105	497165	36.725	ng	99
24) Nitrobenzene	7.475	77	406914	45.083	ng	98
25) Isophorone	7.716	82	752913	38.216	ng	99
26) 2-Nitrophenol	7.786	139	179721	48.492	ng	98
27) 2,4-Dimethylphenol	7.822	122	333584	38.915	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	445985	37.415	ng	100
29) 2,4-Dichlorophenol	8.028	162	331155	40.096	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	328582	38.104	ng	100
31) Naphthalene	8.198	128	1086358	37.406	ng	100
32) Benzoic acid	7.922	122	206022	47.270	ng	99
33) 4-Chloroaniline	8.239	127	397839	38.775	ng	99
34) Hexachlorobutadiene	8.316	225	207506	38.188	ng	99
35) Caprolactam	8.616	113	96855	41.278	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	338996	39.260	ng	99
37) 2-Methylnaphthalene	8.886	142	714074	37.231	ng	98
38) 1-Methylnaphthalene	8.986	142	698764	37.750	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	324187	38.097	ng	100
41) Hexachlorocyclopentadiene	9.039	237	178267	42.585	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	226115	40.213	ng	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	240561	42.338	ng		99
46) 1,1'-Biphenyl	9.351	154	853194	37.586	ng		100
47) 2-Chloronaphthalene	9.375	162	680043	37.924	ng		99
48) 2-Nitroaniline	9.469	65	213739	43.371	ng		97
49) Acenaphthylene	9.792	152	981552	37.621	ng		100
50) Dimethylphthalate	9.645	163	769901	38.260	ng		99
51) 2,6-Dinitrotoluene	9.710	165	149488	44.605	ng		95
52) Acenaphthene	9.963	154	658449	38.529	ng		99
53) 3-Nitroaniline	9.880	138	170796	43.240	ng	#	97
54) 2,4-Dinitrophenol	9.980	184	53959	51.246	ng	#	42
55) Dibenzofuran	10.133	168	934002	37.276	ng		100
56) 4-Nitrophenol	10.022	139	142962	43.838	ng		97
57) 2,4-Dinitrotoluene	10.110	165	199246	45.207	ng		97
58) Fluorene	10.480	166	687711	36.556	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	185382	44.131	ng		99
60) Diethylphthalate	10.351	149	715330	37.933	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	339548	36.906	ng		99
62) 4-Nitroaniline	10.492	138	161334	43.463	ng		96
63) Azobenzene	10.633	77	718182	37.562	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	84325	49.211	ng		96
66) n-Nitrosodiphenylamine	10.586	169	613478	38.044	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	211109	38.499	ng		99
68) Hexachlorobenzene	11.021	284	223302	38.071	ng		96
69) Atrazine	11.116	200	182262	39.321	ng		99
70) Pentachlorophenol	11.216	266	144141	43.012	ng		99
71) Phenanthrene	11.439	178	1004644	37.012	ng		100
72) Anthracene	11.492	178	1025365	37.485	ng		100
73) Carbazole	11.645	167	889140	37.604	ng		100
74) Di-n-butylphthalate	11.974	149	949301	39.416	ng		100
75) Fluoranthene	12.627	202	915700	36.948	ng		99
77) Benzidine	12.745	184	281785	44.295	ng		99
78) Pyrene	12.857	202	916578	39.636	ng		100
80) Butylbenzylphthalate	13.474	149	258180	40.181	ng		98
81) Benzo(a)anthracene	14.039	228	638066	36.704	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	196224	42.101	ng		99
83) Chrysene	14.080	228	628897	38.818	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	327160	39.310	ng		99
85) Di-n-octyl phthalate	14.651	149	610648	39.930	ng		98
87) Indeno(1,2,3-cd)pyrene	17.027	276	884839	40.409	ng		99
88) Benzo(b)fluoranthene	15.092	252	677056	36.818	ng		99
89) Benzo(k)fluoranthene	15.127	252	613528	35.683	ng		100
90) Benzo(a)pyrene	15.468	252	627013	38.591	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	719681	40.157	ng		99
92) Benzo(g,h,i)perylene	17.480	276	716895	40.405	ng		100

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

ICAL Form

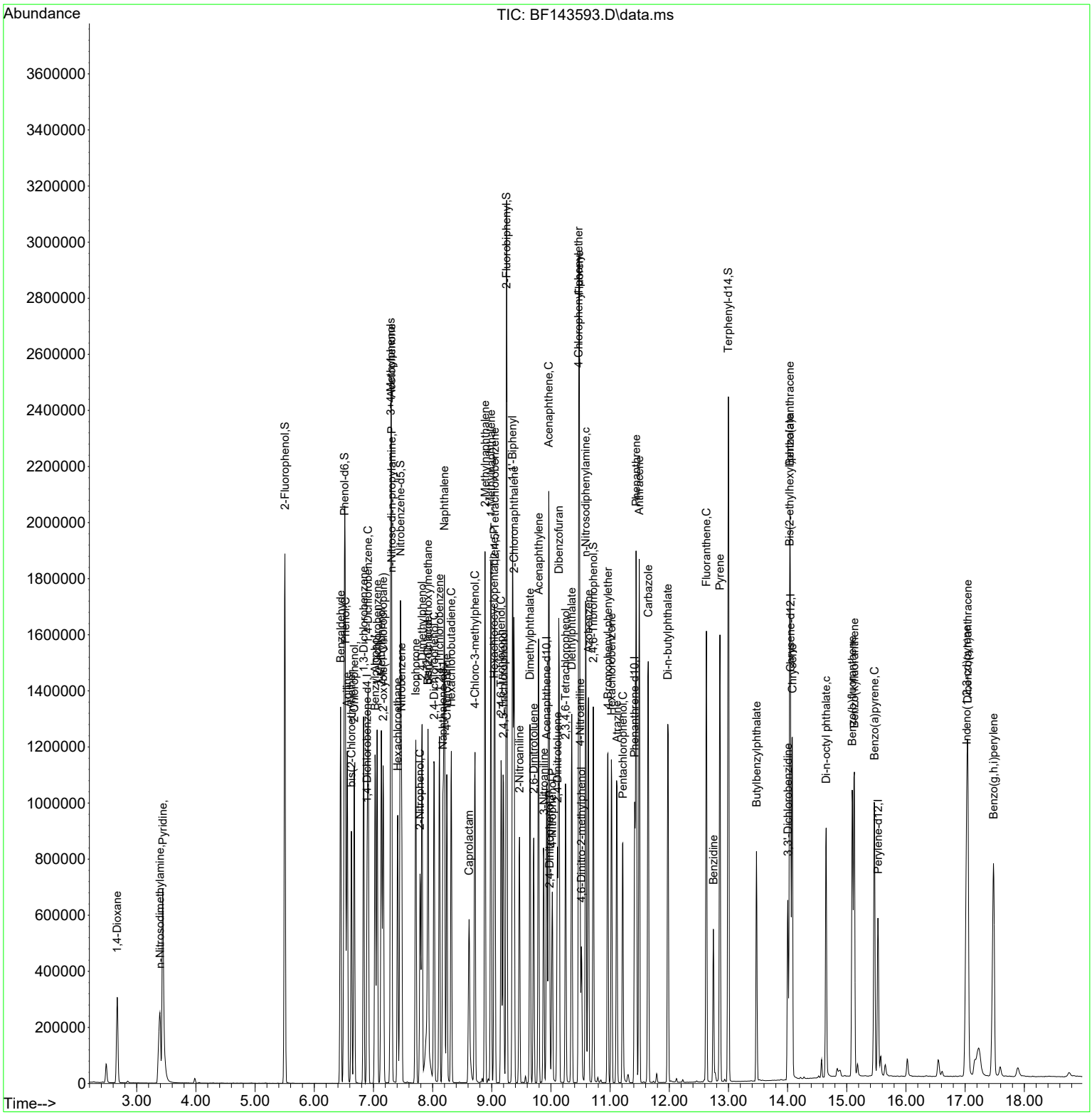
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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	100	0.00
2		1,4-Dioxane	0.575	0.533	7.3	94	0.00
3		Pyridine	1.444	1.457	-0.9	97	0.00
4		n-Nitrosodimethylamine	0.687	0.652	5.1	94	0.00
5	S	2-Fluorophenol	1.175	1.117	4.9	97	0.00
6		Aniline	2.032	1.933	4.9	98	0.00
7	S	Phenol-d6	1.455	1.390	4.5	98	0.00
8		2-Chlorophenol	1.243	1.217	2.1	98	0.00
9		Benzaldehyde	1.095	1.165	-6.4	97	0.00
10	C	Phenol	1.632	1.528	6.4	97	0.00
11		bis(2-Chloroethyl)ether	1.251	1.184	5.4	98	0.00
12		1,3-Dichlorobenzene	1.428	1.352	5.3	98	0.00
13	C	1,4-Dichlorobenzene	1.440	1.328	7.8	95	0.00
14		1,2-Dichlorobenzene	1.366	1.284	6.0	98	0.00
15		Benzyl Alcohol	1.091	1.079	1.1	99	0.00
16		2,2'-oxybis(1-Chloropropane	2.309	2.066	10.5	93	0.00
17		2-Methylphenol	1.055	1.013	4.0	98	0.00
18		Hexachloroethane	0.458	0.453	1.1	99	0.00
19	P	n-Nitroso-di-n-propylamine	0.922	0.865	6.2	99	0.00
20		3+4-Methylphenols	1.296	1.272	1.9	99	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22		Acetophenone	0.450	0.414	8.0	96	0.00
23	S	Nitrobenzene-d5	0.280	0.317	-13.2	110	0.00
24		Nitrobenzene	0.300	0.338	-12.7	104	0.00
25		Isophorone	0.656	0.626	4.6	99	0.00
26	C	2-Nitrophenol	0.101	0.149	-47.5#	133	0.00
27		2,4-Dimethylphenol	0.285	0.277	2.8	99	0.00
28		bis(2-Chloroethoxy)methane	0.397	0.371	6.5	98	0.00
29	C	2,4-Dichlorophenol	0.275	0.275	0.0	99	0.00
30		1,2,4-Trichlorobenzene	0.287	0.273	4.9	98	0.00
31		Naphthalene	0.966	0.904	6.4	98	0.00
32		Benzoic acid	0.126	0.171	-35.7#	139	0.00
33		4-Chloroaniline	0.341	0.331	2.9	100	0.00
34	C	Hexachlorobutadiene	0.181	0.173	4.4	99	0.00
35		Caprolactam	0.078	0.081	-3.8	105	0.00
36	C	4-Chloro-3-methylphenol	0.287	0.282	1.7	100	0.00
37		2-Methylnaphthalene	0.638	0.594	6.9	98	0.00
38		1-Methylnaphthalene	0.616	0.581	5.7	99	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	0.520	0.495	4.8	100	0.00
41	P	Hexachlorocyclopentadiene	0.256	0.272	-6.3	106	0.00
42	S	2,4,6-Tribromophenol	0.156	0.170	-9.0	108	0.00
43	C	2,4,6-Trichlorophenol	0.344	0.346	-0.6	95	0.00
44		2,4,5-Trichlorophenol	0.347	0.368	-6.1	107	0.00
45	S	2-Fluorobiphenyl	1.170	1.074	8.2	99	0.00
46		1,1'-Biphenyl	1.388	1.304	6.1	99	0.00
47		2-Chloronaphthalene	1.096	1.039	5.2	98	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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	0.247	0.327	-32.4#	117	0.00
49		Acenaphthylene	1.595	1.500	6.0	99	0.00
50		Dimethylphthalate	1.230	1.177	4.3	101	0.00
51		2,6-Dinitrotoluene	0.163	0.228	-39.9#	124	0.00
52	C	Acenaphthene	1.045	1.006	3.7	102	0.00
53		3-Nitroaniline	0.201	0.261	-29.9#	115	0.00
54	P	2,4-Dinitrophenol	0.054	0.082	-51.9#	170#	0.00
55		Dibenzofuran	1.532	1.427	6.9	100	0.00
56	P	4-Nitrophenol	0.182	0.218	-19.8	119	0.00
57		2,4-Dinitrotoluene	0.213	0.305	-43.2#	127	0.00
58		Fluorene	1.150	1.051	8.6	99	0.00
59		2,3,4,6-Tetrachlorophenol	0.257	0.283	-10.1	108	0.00
60		Diethylphthalate	1.153	1.093	5.2	101	0.00
61		4-Chlorophenyl-phenylether	0.562	0.519	7.7	100	0.00
62		4-Nitroaniline	0.196	0.247	-26.0#	119	0.00
63		Azobenzene	1.169	1.098	6.1	100	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	106	0.00
65		4,6-Dinitro-2-methylphenol	0.057	0.083	-45.6#	152#	0.00
66	c	n-Nitrosodiphenylamine	0.636	0.605	4.9	101	0.00
67		4-Bromophenyl-phenylether	0.216	0.208	3.7	101	0.00
68		Hexachlorobenzene	0.231	0.220	4.8	102	0.00
69		Atrazine	0.183	0.180	1.6	105	0.00
70	C	Pentachlorophenol	0.132	0.142	-7.6	108	0.00
71		Phenanthrene	1.071	0.991	7.5	101	0.00
72		Anthracene	1.079	1.011	6.3	103	0.00
73		Carbazole	0.933	0.877	6.0	104	0.00
74		Di-n-butylphthalate	0.950	0.936	1.5	107	0.00
75	C	Fluoranthene	0.978	0.903	7.7	106	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	101	0.00
77		Benzidine	0.460	0.510	-10.9	96	0.00
78		Pyrene	1.674	1.659	0.9	104	0.00
79	S	Terphenyl-d14	1.115	1.088	2.4	105	0.00
80		Butylbenzylphthalate	0.398	0.467	-17.3	103	0.00
81		Benzo(a)anthracene	1.258	1.155	8.2	93	0.00
82		3,3'-Dichlorobenzidine	0.337	0.355	-5.3	96	0.00
83		Chrysene	1.173	1.138	3.0	102	0.00
84		Bis(2-ethylhexyl)phthalate	0.528	0.592	-12.1	95	0.00
85	c	Di-n-octyl phthalate	1.017	1.105	-8.7	96	0.00
86	I	Perylene-d12	1.000	1.000	0.0	96	0.00
87		Indeno(1,2,3-cd)pyrene	1.361	1.375	-1.0	93	0.00
88		Benzo(b)fluoranthene	1.143	1.052	8.0	97	0.00
89		Benzo(k)fluoranthene	1.068	0.953	10.8	86	0.00
90	C	Benzo(a)pyrene	1.010	0.974	3.6	91	0.00
91		Dibenzo(a,h)anthracene	1.114	1.118	-0.4	93	0.00
92		Benzo(g,h,i)perylene	1.103	1.114	-1.0	93	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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 = 1

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	100	0.00
2		1,4-Dioxane	40.000	37.069	7.3	94	0.00
3		Pyridine	40.000	40.375	-0.9	97	0.00
4		n-Nitrosodimethylamine	40.000	37.975	5.1	94	0.00
5	S	2-Fluorophenol	80.000	76.019	5.0	97	0.00
6		Aniline	40.000	38.057	4.9	98	0.00
7	S	Phenol-d6	80.000	76.394	4.5	98	0.00
8		2-Chlorophenol	40.000	39.156	2.1	98	0.00
9		Benzaldehyde	40.000	42.545	-6.4	97	0.00
10	C	Phenol	40.000	37.436	6.4	97	0.00
11		bis(2-Chloroethyl)ether	40.000	37.848	5.4	98	0.00
12		1,3-Dichlorobenzene	40.000	37.867	5.3	98	0.00
13	C	1,4-Dichlorobenzene	40.000	36.881	7.8	95	0.00
14		1,2-Dichlorobenzene	40.000	37.588	6.0	98	0.00
15		Benzyl Alcohol	40.000	39.558	1.1	99	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	35.785	10.5	93	0.00
17		2-Methylphenol	40.000	38.406	4.0	98	0.00
18		Hexachloroethane	40.000	39.621	0.9	99	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.543	6.1	99	0.00
20		3+4-Methylphenols	40.000	39.240	1.9	99	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22		Acetophenone	40.000	36.725	8.2	96	0.00
23	S	Nitrobenzene-d5	80.000	90.545	-13.2	110	0.00
24		Nitrobenzene	40.000	45.083	-12.7	104	0.00
25		Isophorone	40.000	38.216	4.5	99	0.00
26	C	2-Nitrophenol	40.000	48.492	-21.2#	133	0.00
27		2,4-Dimethylphenol	40.000	38.915	2.7	99	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.415	6.5	98	0.00
29	C	2,4-Dichlorophenol	40.000	40.096	-0.2	99	0.00
30		1,2,4-Trichlorobenzene	40.000	38.104	4.7	98	0.00
31		Naphthalene	40.000	37.406	6.5	98	0.00
32		Benzoic acid	40.000	47.270	-18.2	139	0.00
33		4-Chloroaniline	40.000	38.775	3.1	100	0.00
34	C	Hexachlorobutadiene	40.000	38.188	4.5	99	0.00
35		Caprolactam	40.000	41.278	-3.2	105	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.260	1.9	100	0.00
37		2-Methylnaphthalene	40.000	37.231	6.9	98	0.00
38		1-Methylnaphthalene	40.000	37.750	5.6	99	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.097	4.8	100	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.585	-6.5	106	0.00
42	S	2,4,6-Tribromophenol	80.000	86.937	-8.7	108	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.213	-0.5	95	0.00
44		2,4,5-Trichlorophenol	40.000	42.338	-5.8	107	0.00
45	S	2-Fluorobiphenyl	80.000	73.456	8.2	99	0.00
46		1,1'-Biphenyl	40.000	37.586	6.0	99	0.00
47		2-Chloronaphthalene	40.000	37.924	5.2	98	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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	43.371	-8.4	117	0.00
49		Acenaphthylene	40.000	37.621	5.9	99	0.00
50		Dimethylphthalate	40.000	38.260	4.4	101	0.00
51		2,6-Dinitrotoluene	40.000	44.605	-11.5	124	0.00
52	C	Acenaphthene	40.000	38.529	3.7	102	0.00
53		3-Nitroaniline	40.000	43.240	-8.1	115	0.00
54	P	2,4-Dinitrophenol	40.000	51.246	-28.1#	170	0.00
55		Dibenzofuran	40.000	37.276	6.8	100	0.00
56	P	4-Nitrophenol	40.000	43.838	-9.6	119	0.00
57		2,4-Dinitrotoluene	40.000	45.207	-13.0	127	0.00
58		Fluorene	40.000	36.556	8.6	99	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	44.131	-10.3	108	0.00
60		Diethylphthalate	40.000	37.933	5.2	101	0.00
61		4-Chlorophenyl-phenylether	40.000	36.906	7.7	100	0.00
62		4-Nitroaniline	40.000	43.463	-8.7	119	0.00
63		Azobenzene	40.000	37.562	6.1	100	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	106	0.00
65		4,6-Dinitro-2-methylphenol	40.000	49.211	-23.0	152	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.044	4.9	101	0.00
67		4-Bromophenyl-phenylether	40.000	38.499	3.8	101	0.00
68		Hexachlorobenzene	40.000	38.071	4.8	102	0.00
69		Atrazine	40.000	39.321	1.7	105	0.00
70	C	Pentachlorophenol	40.000	43.012	-7.5	108	0.00
71		Phenanthrene	40.000	37.012	7.5	101	0.00
72		Anthracene	40.000	37.485	6.3	103	0.00
73		Carbazole	40.000	37.604	6.0	104	0.00
74		Di-n-butylphthalate	40.000	39.416	1.5	107	0.00
75	C	Fluoranthene	40.000	36.948	7.6	106	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	101	0.00
77		Benzidine	40.000	44.295	-10.7	96	0.00
78		Pyrene	40.000	39.636	0.9	104	0.00
79	S	Terphenyl-d14	80.000	78.131	2.3	105	0.00
80		Butylbenzylphthalate	40.000	40.181	-0.5	103	0.00
81		Benzo(a)anthracene	40.000	36.704	8.2	93	0.00
82		3,3'-Dichlorobenzidine	40.000	42.101	-5.3	96	0.00
83		Chrysene	40.000	38.818	3.0	102	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.310	1.7	95	0.00
85	c	Di-n-octyl phthalate	40.000	39.930	0.2	96	0.00
86	I	Perylene-d12	20.000	20.000	0.0	96	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.409	-1.0	93	0.00
88		Benzo(b)fluoranthene	40.000	36.818	8.0	97	0.00
89		Benzo(k)fluoranthene	40.000	35.683	10.8	86	0.00
90	C	Benzo(a)pyrene	40.000	38.591	3.5	91	0.00
91		Dibenzo(a,h)anthracene	40.000	40.157	-0.4	93	0.00
92		Benzo(g,h,i)perylene	40.000	40.405	-1.0	93	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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 = 1

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.: Q2936

Instrument ID: BNA_P Calibration Date(s): 08/14/2025 08/14/2025

Calibration Time(s): 12:33 17:24

LAB FILE ID: RRF2.5 = BP025392.D RRF005 = BP025393.D RRF010 = BP025394.D
RRF020 = BP025395.D RRF040 = BP025396.D RRF050 = BP025397.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.204	2.4
Benzaldehyde			0.987	0.956	1.366	1.262	1.082	17.1
Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.544	4.2
Phenol		1.594	1.529	1.613	1.575	1.707	1.620	3.9
bis(2-Chloroethyl)ether		1.283	1.183	1.273	1.222	1.321	1.263	3.8
2-Chlorophenol		1.351	1.283	1.347	1.313	1.428	1.359	3.8
2-Methylphenol		1.075	1.030	1.123	1.107	1.198	1.125	5.4
2,2-oxybis(1-Chloropropane)		1.762	1.592	1.712	1.620	1.751	1.692	4.0
Acetophenone		0.515	0.487	0.506	0.485	0.523	0.502	3.0
3+4-Methylphenols			1.442	1.533	1.525	1.639	1.560	4.9
n-Nitroso-di-n-propylamine	1.014	1.066	0.959	1.056	0.992	1.053	1.023	3.7
Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.395	3.7
Hexachloroethane		0.577	0.544	0.552	0.545	0.588	0.563	3.1
Nitrobenzene		0.350	0.342	0.348	0.344	0.375	0.353	3.2
Isophorone		0.734	0.672	0.700	0.674	0.730	0.700	3.7
2-Nitrophenol		0.167	0.163	0.177	0.181	0.197	0.181	7.4
2,4-Dimethylphenol		0.303	0.303	0.296	0.308	0.336	0.312	4.5
bis(2-Chloroethoxy)methane		0.443	0.407	0.425	0.407	0.439	0.423	3.6
2,4-Dichlorophenol		0.293	0.293	0.308	0.305	0.331	0.310	4.7
Naphthalene		1.069	1.020	1.037	1.000	1.087	1.040	3.1
4-Chloroaniline		0.453	0.435	0.447	0.452	0.492	0.459	4.2
Hexachlorobutadiene		0.222	0.205	0.211	0.205	0.218	0.211	3.1
Caprolactam			0.114	0.110	0.109	0.120	0.114	3.7
4-Chloro-3-methylphenol		0.366	0.335	0.347	0.346	0.373	0.355	3.9
2-Methylnaphthalene		0.716	0.653	0.678	0.652	0.700	0.676	3.7
Hexachlorocyclopentadiene			0.274	0.313	0.348	0.387	0.349	13.5
2,4,6-Trichlorophenol		0.368	0.364	0.381	0.382	0.421	0.390	5.6
2-Fluorobiphenyl		1.558	1.483	1.507	1.392	1.517	1.463	5.0
2,4,5-Trichlorophenol		0.417	0.385	0.424	0.424	0.457	0.427	5.5
1,1-Biphenyl		1.495	1.418	1.457	1.408	1.537	1.453	3.4
2-Chloronaphthalene		1.152	1.093	1.144	1.101	1.184	1.131	3.0
2-Nitroaniline		0.301	0.306	0.317	0.330	0.360	0.329	6.9
Dimethylphthalate		1.569	1.449	1.438	1.403	1.512	1.465	4.1
Acenaphthylene		1.907	1.806	1.848	1.806	1.992	1.871	3.6

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.: Q2936

Instrument ID: BNA_P Calibration Date(s): 08/14/2025 08/14/2025

Calibration Time(s): 12:33 17:24

LAB FILE ID: RRF2.5 = BP025392.D RRF005 = BP025393.D RRF010 = BP025394.D
RRF020 = BP025395.D RRF040 = BP025396.D RRF050 = BP025397.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.297	0.287	0.302	0.309	0.331	0.309	4.9
3-Nitroaniline		0.318	0.329	0.337	0.342	0.384	0.347	6.6
Acenaphthene		1.149	1.082	1.100	1.041	1.155	1.098	3.9
2,4-Dinitrophenol			0.114	0.140	0.163	0.186	0.165	19.8
4-Nitrophenol			0.251	0.265	0.279	0.315	0.285	8.6
Dibenzofuran		1.820	1.711	1.737	1.677	1.811	1.736	3.4
2,4-Dinitrotoluene		0.404	0.407	0.431	0.438	0.479	0.440	6.6
Diethylphthalate		1.615	1.475	1.465	1.434	1.540	1.488	4.5
4-Chlorophenyl-phenylether		0.761	0.684	0.679	0.651	0.690	0.681	5.9
Fluorene		1.506	1.391	1.390	1.306	1.415	1.370	6.0
4-Nitroaniline		0.341	0.336	0.349	0.351	0.387	0.356	4.9
4,6-Dinitro-2-methylphenol			0.096	0.113	0.123	0.139	0.125	14.2
n-Nitrosodiphenylamine		0.636	0.603	0.607	0.591	0.634	0.610	3.0
2,4,6-Tribromophenol		0.266	0.259	0.267	0.263	0.286	0.269	3.4
4-Bromophenyl-phenylether		0.233	0.206	0.217	0.213	0.230	0.220	4.3
Hexachlorobenzene		0.264	0.253	0.254	0.242	0.264	0.255	3.1
Atrazine		0.229	0.226	0.228	0.218	0.240	0.228	2.7
Pentachlorophenol			0.135	0.154	0.157	0.177	0.161	9.8
Phenanthrene		1.162	1.101	1.111	1.040	1.135	1.099	3.9
Anthracene		1.161	1.124	1.133	1.079	1.175	1.122	3.4
Carbazole		1.079	1.052	1.074	1.007	1.111	1.057	3.3
Di-n-butylphthalate		1.345	1.255	1.332	1.244	1.374	1.300	3.9
Fluoranthene		1.370	1.323	1.348	1.228	1.361	1.311	4.1
Pyrene		1.398	1.261	1.287	1.274	1.320	1.300	4.0
Terphenyl-d14		1.249	1.100	1.097	1.045	1.100	1.093	7.2
Butylbenzylphthalate		0.589	0.557	0.592	0.579	0.614	0.589	3.6
3,3-Dichlorobenzidine			0.482	0.507	0.488	0.521	0.497	3.3
Benzo(a)anthracene		1.384	1.302	1.313	1.268	1.359	1.319	3.2
Chrysene		1.292	1.214	1.249	1.182	1.280	1.235	3.5
Bis(2-ethylhexyl)phthalate		0.907	0.826	0.874	0.831	0.901	0.867	3.7
Di-n-octyl phthalate			1.381	1.498	1.444	1.572	1.492	4.8
Benzo(b)fluoranthene		1.203	1.126	1.171	1.134	1.250	1.179	3.6
Benzo(k)fluoranthene		1.202	1.157	1.200	1.130	1.226	1.180	3.2
Benzo(a)pyrene		1.139	1.093	1.150	1.108	1.219	1.148	3.8
Indeno(1,2,3-cd)pyrene		1.454	1.385	1.440	1.411	1.569	1.467	4.4

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.: Q2936

Instrument ID: BNA_P Calibration Date(s): 08/14/2025 08/14/2025

Calibration Time(s): 12:33 17:24

LAB FILE ID: RRF2.5 = BP025392.D RRF005 = BP025393.D RRF010 = BP025394.D
RRF020 = BP025395.D RRF040 = BP025396.D RRF050 = BP025397.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.180	1.125	1.179	1.156	1.290	1.199	4.6
Benzo(g,h,i)perylene		1.162	1.118	1.169	1.138	1.248	1.178	3.9
1,2,4,5-Tetrachlorobenzene		0.578	0.559	0.585	0.560	0.610	0.578	3.0
1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.472	5.1
2,3,4,6-Tetrachlorophenol		0.375	0.360	0.366	0.368	0.402	0.377	4.0

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report MSBNA_P

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

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

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

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

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

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

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

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025392.D
Acq On : 14 Aug 2025 12:33
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 14 17:51:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	140275	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	567766	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	380728	20.000	ng	0.01
64) Phenanthrene-d10	17.213	188	796256	20.000	ng	0.01
76) Chrysene-d12	21.660	240	884747	20.000	ng	0.01
86) Perylene-d12	25.042	264	1005304	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.584	70	17781	2.476	ng	99

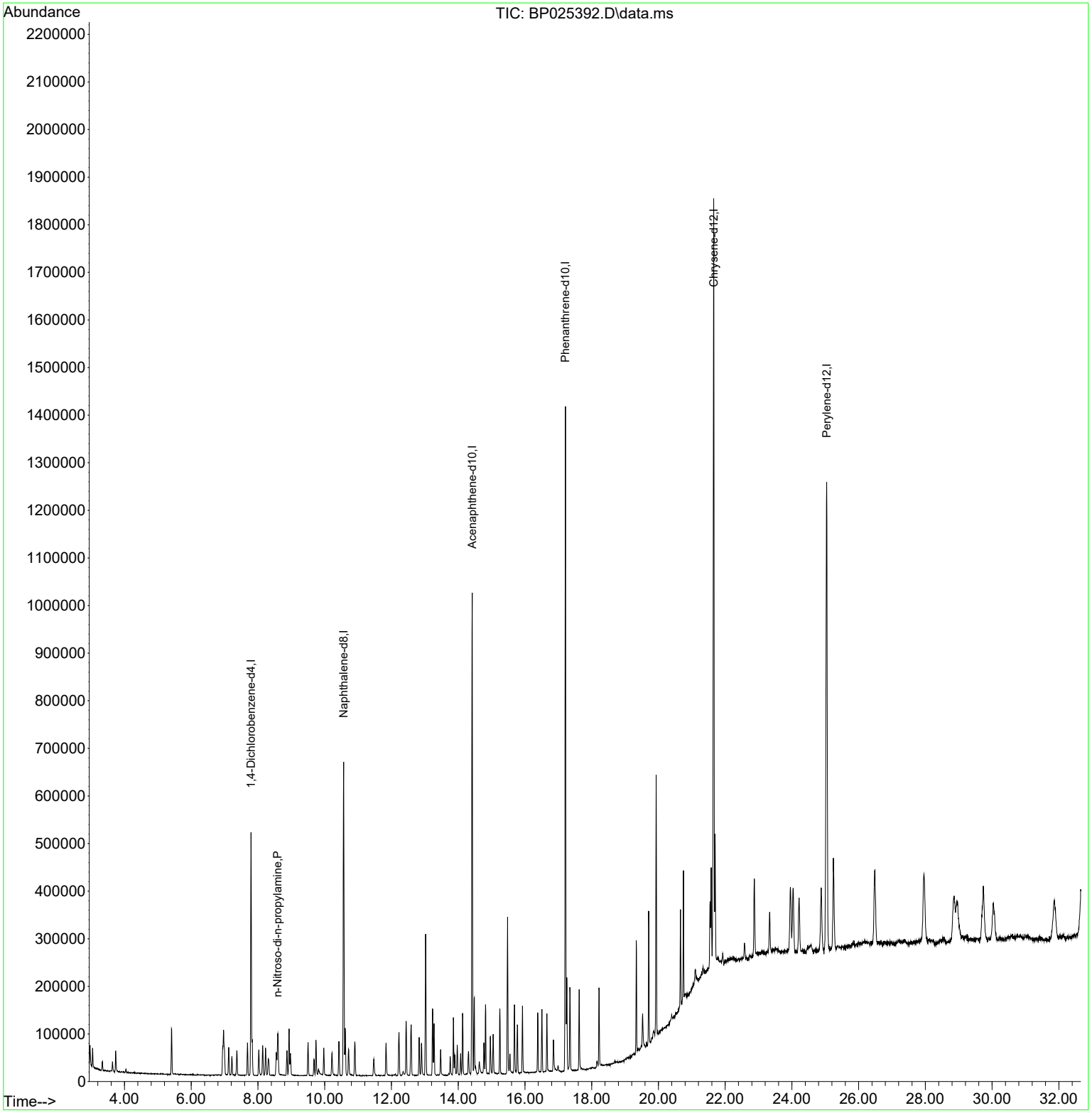
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025392.D
Acq On : 14 Aug 2025 12:33
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 14 17:51:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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

Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	130958	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	551384	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	392376	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	816331	20.000	ng		0.00
76) Chrysene-d12	21.654	240	858165	20.000	ng		0.00
86) Perylene-d12	25.036	264	963881	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	80645	10.227	ng		0.00
7) Phenol-d6	6.966	99	97106	9.605	ng		0.00
23) Nitrobenzene-d5	8.931	82	108814	9.983	ng		0.00
42) 2,4,6-Tribromophenol	15.913	330	52188	9.881	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	305742	10.649	ng		0.00
79) Terphenyl-d14	19.925	244	536049	11.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	17016	5.509	ng		95
3) Pyridine	3.731	79	47347	5.600	ng		95
6) Aniline	7.119	93	68694	5.043	ng		100
8) 2-Chlorophenol	7.366	128	44217	4.969	ng		98
10) Phenol	6.990	94	52186	4.919	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	41995	5.079	ng		98
12) 1,3-Dichlorobenzene	7.684	146	50146	5.111	ng		96
13) 1,4-Dichlorobenzene	7.825	146	51948	5.180	ng		97
14) 1,2-Dichlorobenzene	8.143	146	50995	5.253	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.313	45	57686	5.208	ng		98
17) 2-Methylphenol	8.225	107	35186	4.776	ng		96
18) Hexachloroethane	8.866	117	18905	5.127	ng		99
19) n-Nitroso-di-n-propyla...	8.584	70	34898	5.205	ng		95
22) Acetophenone	8.602	105	70986	5.134	ng	#	96
24) Nitrobenzene	8.972	77	48234	4.951	ng		99
25) Isophorone	9.496	82	101112	5.242	ng		98
26) 2-Nitrophenol	9.678	139	23020	4.605	ng		95
27) 2,4-Dimethylphenol	9.737	122	41790	4.861	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	61017	5.233	ng		98
29) 2,4-Dichlorophenol	10.213	162	40336	4.723	ng		94
30) 1,2,4-Trichlorobenzene	10.425	180	49237	5.259	ng		97
31) Naphthalene	10.613	128	147346	5.141	ng		99
33) 4-Chloroaniline	10.713	127	62452	4.933	ng		96
34) Hexachlorobutadiene	10.902	225	30559	5.241	ng		95
36) 4-Chloro-3-methylphenol	11.837	107	50515	5.154	ng		91
37) 2-Methylnaphthalene	12.219	142	98648	5.289	ng		97
38) 1-Methylnaphthalene	12.437	142	107044	5.397	ng		97
40) 1,2,4,5-Tetrachloroben...	12.590	216	56676	5.001	ng		100
43) 2,4,6-Trichlorophenol	12.831	196	36093	4.718	ng		95
44) 2,4,5-Trichlorophenol	12.901	196	40875	4.875	ng		95
46) 1,1'-Biphenyl	13.237	154	146651	5.146	ng		98
47) 2-Chloronaphthalene	13.272	162	113015	5.094	ng		99
48) 2-Nitroaniline	13.466	65	29527	4.568	ng		98
49) Acenaphthylene	14.125	152	187026	5.095	ng		99
50) Dimethylphthalate	13.860	163	153868	5.355	ng		99
51) 2,6-Dinitrotoluene	13.966	165	29088	4.803	ng		94

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.472	154	112730m	5.232	ng	
53) 3-Nitroaniline	14.301	138	31224	4.583	ng	85
55) Dibenzofuran	14.813	168	178494	5.240	ng	99
57) 2,4-Dinitrotoluene	14.760	165	39658	4.590	ng	94
58) Fluorene	15.472	166	147760	5.497	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.037	232	36779	4.968	ng	99
60) Diethylphthalate	15.237	149	158426	5.426	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	74636	5.583	ng	99
62) 4-Nitroaniline	15.478	138	33466	4.791	ng	90
63) Azobenzene	15.760	77	128978	5.159	ng	99
66) n-Nitrosodiphenylamine	15.678	169	129805	5.214	ng	97
67) 4-Bromophenyl-phenylether	16.378	248	47579	5.299	ng	98
68) Hexachlorobenzene	16.501	284	53940	5.183	ng	98
69) Atrazine	16.648	200	46750	5.015	ng	96
71) Phenanthrene	17.248	178	237107	5.287	ng	98
72) Anthracene	17.342	178	236938	5.174	ng	99
73) Carbazole	17.619	167	220112	5.103	ng	98
74) Di-n-butylphthalate	18.231	149	274467	5.172	ng	99
75) Fluoranthene	19.336	202	279497	5.225	ng	99
78) Pyrene	19.713	202	299922	5.377	ng	98
80) Butylbenzylphthalate	20.654	149	126321	4.997	ng	99
81) Benzo(a)anthracene	21.636	228	296847	5.245	ng	100
83) Chrysene	21.701	228	277175	5.229	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	194541	5.228	ng	97
87) Indeno(1,2,3-cd)pyrene	28.865	276	350414	4.956	ng	98
88) Benzo(b)fluoranthene	23.960	252	289797	5.099	ng	99
89) Benzo(k)fluoranthene	24.042	252	289556	5.091	ng	98
90) Benzo(a)pyrene	24.877	252	274440	4.960	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	284440	4.924	ng	100
92) Benzo(g,h,i)perylene	30.036	276	279987	4.931	ng	97

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

ICAL Form

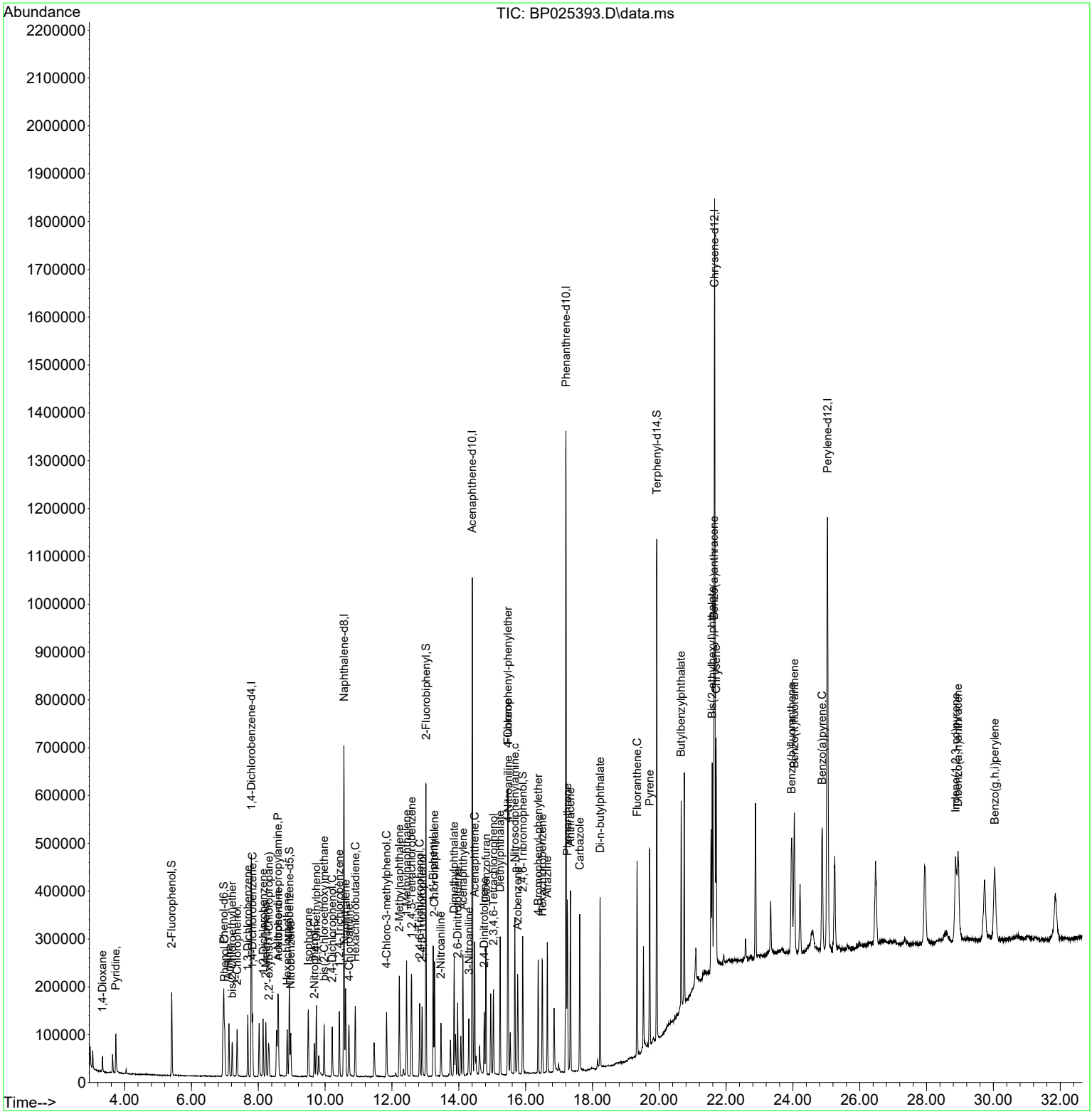
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025394.D
Acq On : 14 Aug 2025 13:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 17:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	137852	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	563995	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	383199	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	780940	20.000	ng		0.00
76) Chrysene-d12	21.648	240	860386	20.000	ng		0.00
86) Perylene-d12	25.036	264	980670	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	162289	19.551	ng		0.00
7) Phenol-d6	6.966	99	202204	19.000	ng		0.00
23) Nitrobenzene-d5	8.931	82	212236	19.036	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	99083	19.210	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	568359	20.271	ng		0.00
79) Terphenyl-d14	19.924	244	946422	20.125	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	31948	9.826	ng		98
3) Pyridine	3.731	79	86156	9.681	ng		100
4) n-Nitrosodimethylamine	3.637	42	35519	9.681	ng	#	99
6) Aniline	7.125	93	135217	9.430	ng		99
8) 2-Chlorophenol	7.366	128	88413	9.439	ng		98
9) Benzaldehyde	6.943	77	68064m	9.129	ng		
10) Phenol	6.996	94	105394	9.438	ng		99
11) bis(2-Chloroethyl)ether	7.219	93	81541	9.368	ng		98
12) 1,3-Dichlorobenzene	7.684	146	98782	9.564	ng		98
13) 1,4-Dichlorobenzene	7.825	146	102729	9.731	ng		98
14) 1,2-Dichlorobenzene	8.143	146	98589	9.647	ng		98
15) Benzyl Alcohol	8.025	79	78411	9.273	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.313	45	109744	9.412	ng		99
17) 2-Methylphenol	8.231	107	70991	9.153	ng		98
18) Hexachloroethane	8.866	117	37473	9.654	ng		98
19) n-Nitroso-di-n-propyla...	8.584	70	66105	9.366	ng		99
20) 3+4-Methylphenols	8.549	107	99382	9.244	ng		97
22) Acetophenone	8.602	105	137361	9.712	ng	#	98
24) Nitrobenzene	8.972	77	96502	9.685	ng		97
25) Isophorone	9.502	82	189510	9.604	ng		99
26) 2-Nitrophenol	9.678	139	45860	8.968	ng		96
27) 2,4-Dimethylphenol	9.737	122	85465	9.718	ng		98
28) bis(2-Chloroethoxy)met...	9.972	93	114635	9.611	ng		99
29) 2,4-Dichlorophenol	10.213	162	82676	9.464	ng		97
30) 1,2,4-Trichlorobenzene	10.431	180	92664	9.676	ng		94
31) Naphthalene	10.613	128	287754	9.816	ng		99
32) Benzoic acid	9.825	122	53034m	8.188	ng		
33) 4-Chloroaniline	10.713	127	122647	9.472	ng		98
34) Hexachlorobutadiene	10.901	225	57821	9.695	ng		97
35) Caprolactam	11.472	113	32038	10.001	ng		93
36) 4-Chloro-3-methylphenol	11.837	107	94538	9.431	ng		97
37) 2-Methylnaphthalene	12.219	142	184172	9.654	ng		100
38) 1-Methylnaphthalene	12.437	142	199160	9.817	ng		97
40) 1,2,4,5-Tetrachloroben...	12.590	216	107104	9.678	ng		99
41) Hexachlorocyclopentadiene	12.572	237	52588	7.867	ng		97
43) 2,4,6-Trichlorophenol	12.831	196	69780	9.339	ng		97

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025394.D
Acq On : 14 Aug 2025 13:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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

Quant Time: Aug 14 17:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	73744	9.006	ng	98
46) 1,1'-Biphenyl	13.237	154	271710	9.763	ng	98
47) 2-Chloronaphthalene	13.272	162	209419	9.666	ng	99
48) 2-Nitroaniline	13.466	65	58630	9.287	ng	97
49) Acenaphthylene	14.119	152	346021	9.652	ng	99
50) Dimethylphthalate	13.860	163	277701	9.896	ng	99
51) 2,6-Dinitrotoluene	13.972	165	54957	9.292	ng	96
52) Acenaphthene	14.472	154	207239m	9.848	ng	
53) 3-Nitroaniline	14.301	138	62991	9.466	ng	93
54) 2,4-Dinitrophenol	14.513	184	21748	6.886	ng	99
55) Dibenzofuran	14.807	168	327734	9.851	ng	100
56) 4-Nitrophenol	14.625	139	48103	8.797	ng	97
57) 2,4-Dinitrotoluene	14.766	165	77950	9.237	ng	100
58) Fluorene	15.472	166	266610	10.156	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.042	232	68931	9.533	ng	99
60) Diethylphthalate	15.242	149	282526	9.909	ng	98
61) 4-Chlorophenyl-phenyle...	15.466	204	131137	10.044	ng	99
62) 4-Nitroaniline	15.478	138	64375	9.437	ng	99
63) Azobenzene	15.766	77	234879	9.620	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	37380	7.679	ng	97
66) n-Nitrosodiphenylamine	15.684	169	235344	9.883	ng	100
67) 4-Bromophenyl-phenylether	16.384	248	80373	9.358	ng	98
68) Hexachlorobenzene	16.501	284	98614	9.905	ng	96
69) Atrazine	16.660	200	88240	9.894	ng	98
70) Pentachlorophenol	16.854	266	52539	8.360	ng	97
71) Phenanthrene	17.248	178	429752	10.018	ng	99
72) Anthracene	17.348	178	438953	10.020	ng	100
73) Carbazole	17.619	167	410726	9.954	ng	99
74) Di-n-butylphthalate	18.219	149	490232	9.656	ng	99
75) Fluoranthene	19.330	202	516523	10.094	ng	99
77) Benzidine	19.525	184	276193	9.406	ng	99
78) Pyrene	19.707	202	542670	9.704	ng	100
80) Butylbenzylphthalate	20.660	149	239416	9.446	ng	98
81) Benzo(a)anthracene	21.624	228	560279	9.874	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	207153	9.686	ng	99
83) Chrysene	21.701	228	522411	9.831	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	355530	9.529	ng	99
85) Di-n-octyl phthalate	22.877	149	594195	9.259	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	678980m	9.438	ng	
88) Benzo(b)fluoranthene	23.954	252	552191	9.549	ng	99
89) Benzo(k)fluoranthene	24.018	252	567080	9.800	ng	98
90) Benzo(a)pyrene	24.854	252	535820	9.519	ng	99
91) Dibenzo(a,h)anthracene	28.959	278	551694	9.387	ng	99
92) Benzo(g,h,i)perylene	30.047	276	548117	9.489	ng	99

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

ICAL Form

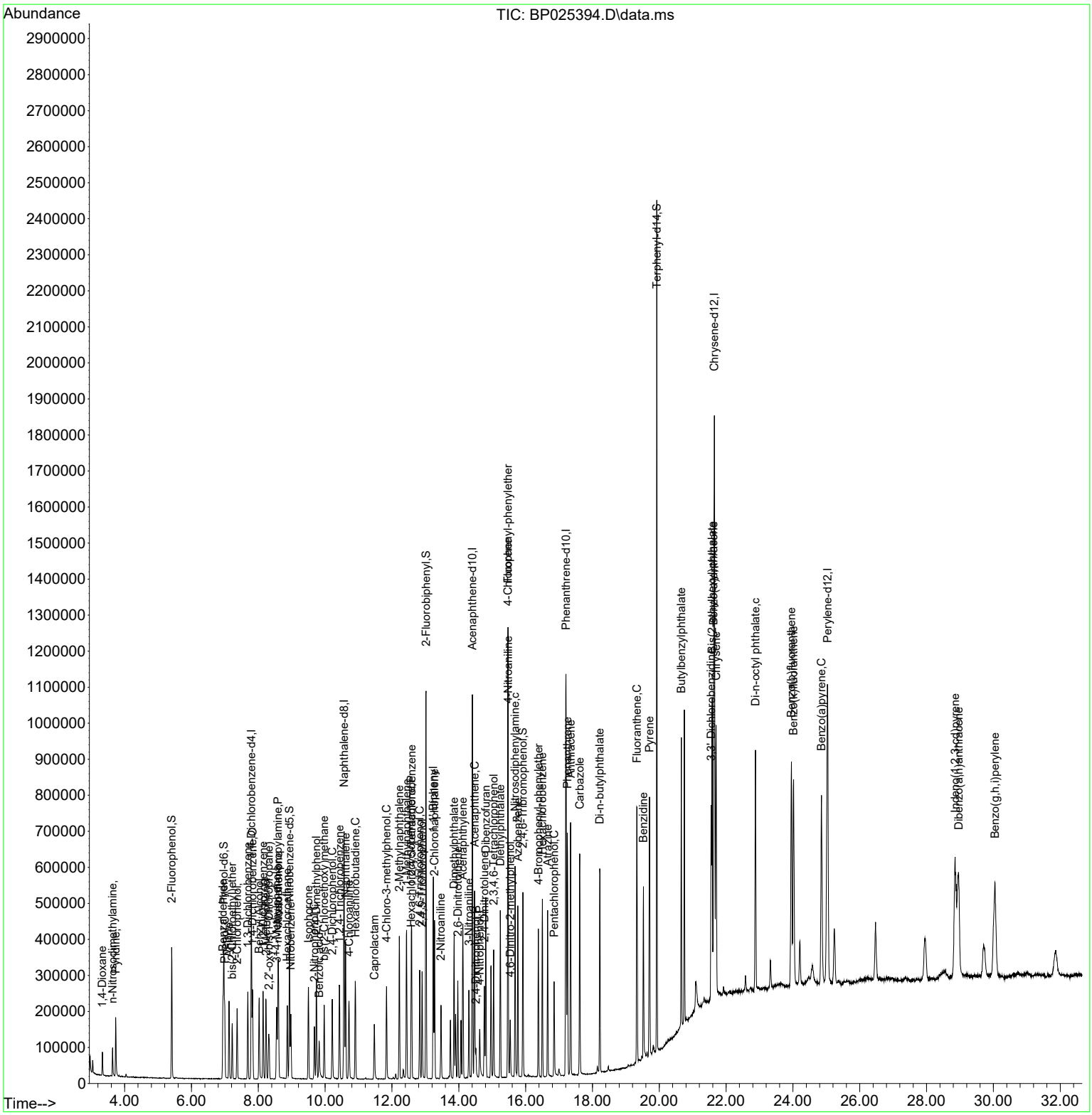
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025394.D
Acq On : 14 Aug 2025 13:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 17:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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

Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	141721	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	603797	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	399034	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	785736	20.000	ng		0.01
76) Chrysene-d12	21.654	240	852065	20.000	ng		0.00
86) Perylene-d12	25.036	264	958651	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	338568	39.674	ng		0.00
7) Phenol-d6	6.966	99	434388	39.702	ng		0.00
23) Nitrobenzene-d5	8.931	82	473937	39.706	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	212968	39.651	ng		0.01
45) 2-Fluorobiphenyl	13.025	172	1203064	41.205	ng		0.00
79) Terphenyl-d14	19.930	244	1869951	40.152	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	67276	20.126	ng		99
3) Pyridine	3.731	79	177948	19.450	ng		98
4) n-Nitrosodimethylamine	3.637	42	72627	19.255	ng	#	96
6) Aniline	7.125	93	287645	19.513	ng		99
8) 2-Chlorophenol	7.366	128	190858	19.819	ng		99
9) Benzaldehyde	6.937	77	135464	17.672	ng		99
10) Phenol	6.990	94	228580	19.910	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	180390	20.159	ng		98
12) 1,3-Dichlorobenzene	7.684	146	213023	20.061	ng		99
13) 1,4-Dichlorobenzene	7.825	146	216400	19.938	ng		99
14) 1,2-Dichlorobenzene	8.143	146	211243	20.106	ng		99
15) Benzyl Alcohol	8.019	79	170736	19.640	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.307	45	242616	20.240	ng		99
17) 2-Methylphenol	8.225	107	159119	19.956	ng		98
18) Hexachloroethane	8.866	117	78205	19.597	ng		94
19) n-Nitroso-di-n-propyla...	8.584	70	149715	20.633	ng		97
20) 3+4-Methylphenols	8.543	107	217240	19.655	ng		98
22) Acetophenone	8.596	105	305812	20.196	ng		99
24) Nitrobenzene	8.972	77	210234	19.708	ng		100
25) Isophorone	9.496	82	422370	19.995	ng		99
26) 2-Nitrophenol	9.678	139	106805	19.509	ng		98
27) 2,4-Dimethylphenol	9.743	122	178534	18.963	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	256656	20.100	ng		99
29) 2,4-Dichlorophenol	10.207	162	186076	19.896	ng		99
30) 1,2,4-Trichlorobenzene	10.425	180	201995	19.702	ng		98
31) Naphthalene	10.613	128	625899	19.944	ng		99
32) Benzoic acid	9.843	122	124836m	18.004	ng		
33) 4-Chloroaniline	10.713	127	270158	19.489	ng		99
34) Hexachlorobutadiene	10.901	225	127593	19.983	ng		99
35) Caprolactam	11.484	113	66168	19.294	ng		95
36) 4-Chloro-3-methylphenol	11.837	107	209817	19.551	ng		97
37) 2-Methylnaphthalene	12.219	142	409613	20.057	ng		99
38) 1-Methylnaphthalene	12.443	142	430666	19.829	ng		100
40) 1,2,4,5-Tetrachloroben...	12.590	216	233523	20.263	ng		99
41) Hexachlorocyclopentadiene	12.572	237	124759	17.922	ng		98
43) 2,4,6-Trichlorophenol	12.831	196	152031	19.540	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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

Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	169197	19.842	ng	98
46) 1,1'-Biphenyl	13.237	154	581464	20.064	ng	100
47) 2-Chloronaphthalene	13.272	162	456552	20.237	ng	98
48) 2-Nitroaniline	13.478	65	126433	19.233	ng	99
49) Acenaphthylene	14.137	152	737527	19.756	ng	99
50) Dimethylphthalate	13.866	163	573661	19.632	ng	100
51) 2,6-Dinitrotoluene	13.966	165	120693	19.597	ng	96
52) Acenaphthene	14.484	154	438852m	20.027	ng	
53) 3-Nitroaniline	14.301	138	134502	19.410	ng	97
54) 2,4-Dinitrophenol	14.519	184	55713	16.939	ng	98
55) Dibenzofuran	14.819	168	692966	20.002	ng	99
56) 4-Nitrophenol	14.619	139	105787	18.578	ng	98
57) 2,4-Dinitrotoluene	14.772	165	172020	19.576	ng	96
58) Fluorene	15.478	166	554647	20.289	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.048	232	145926	19.381	ng	99
60) Diethylphthalate	15.248	149	584590	19.689	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	270949	19.929	ng	98
62) 4-Nitroaniline	15.478	138	139202	19.595	ng	100
63) Azobenzene	15.766	77	508563	20.004	ng	100
65) 4,6-Dinitro-2-methylph...	15.548	198	88992	18.169	ng	97
66) n-Nitrosodiphenylamine	15.684	169	477080	19.911	ng	99
67) 4-Bromophenyl-phenylether	16.389	248	170738	19.758	ng	97
68) Hexachlorobenzene	16.495	284	199410	19.906	ng	99
69) Atrazine	16.666	200	179513	20.006	ng	99
70) Pentachlorophenol	16.848	266	120958	19.128	ng	99
71) Phenanthrene	17.254	178	872890	20.223	ng	99
72) Anthracene	17.342	178	890292	20.198	ng	100
73) Carbazole	17.625	167	843970	20.328	ng	99
74) Di-n-butylphthalate	18.219	149	1046709	20.491	ng	100
75) Fluoranthene	19.342	202	1058912	20.567	ng	99
77) Benzidine	19.525	184	546647	18.799	ng	99
78) Pyrene	19.713	202	1096965	19.807	ng	99
80) Butylbenzylphthalate	20.666	149	504019	20.081	ng	97
81) Benzo(a)anthracene	21.630	228	1118590	19.906	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	432075	20.399	ng	100
83) Chrysene	21.707	228	1063898	20.216	ng	99
84) Bis(2-ethylhexyl)phtha...	21.577	149	744704	20.155	ng	99
85) Di-n-octyl phthalate	22.871	149	1276798	20.091	ng	100
87) Indeno(1,2,3-cd)pyrene	28.865	276	1380331m	19.627	ng	
88) Benzo(b)fluoranthene	23.948	252	1122408	19.855	ng	100
89) Benzo(k)fluoranthene	24.018	252	1150366	20.336	ng	100
90) Benzo(a)pyrene	24.854	252	1102804	20.041	ng	100
91) Dibenzo(a,h)anthracene	28.965	278	1130209	19.672	ng	98
92) Benzo(g,h,i)perylene	30.053	276	1120307	19.840	ng	99

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

ICAL Form

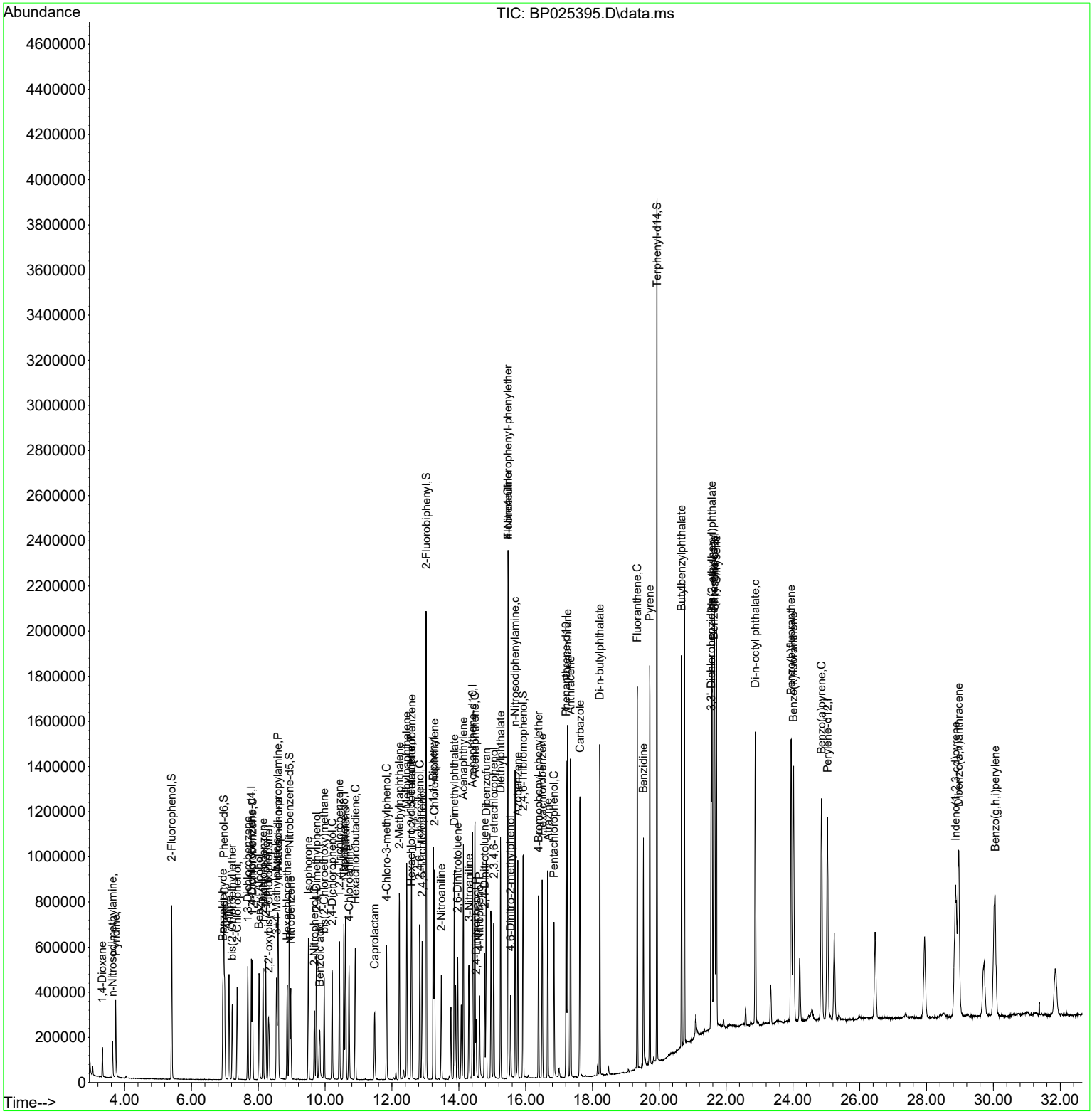
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025396.D
Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	157704	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	663553	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	441110	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	884529	20.000	ng	0.00
76) Chrysene-d12	21.648	240	899207	20.000	ng	0.00
86) Perylene-d12	25.030	264	1022138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	733191	77.209	ng	0.00
7) Phenol-d6	6.966	99	954285	78.381	ng	0.00
23) Nitrobenzene-d5	8.937	82	1015557	77.420	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	463783	78.112	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2456787	76.118	ng	0.00
79) Terphenyl-d14	19.919	244	3760236	76.508	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	140326	37.726	ng	100
3) Pyridine	3.731	79	384936	37.809	ng	100
4) n-Nitrosodimethylamine	3.637	42	161267	38.421	ng	100
6) Aniline	7.125	93	637156	38.842	ng	100
8) 2-Chlorophenol	7.366	128	414233	38.655	ng	100
9) Benzaldehyde	6.943	77	430704	50.493	ng	100
10) Phenol	6.996	94	496755	38.884	ng	100
11) bis(2-Chloroethyl)ether	7.219	93	385335	38.698	ng	100
12) 1,3-Dichlorobenzene	7.684	146	455200	38.523	ng	100
13) 1,4-Dichlorobenzene	7.831	146	462800	38.319	ng	100
14) 1,2-Dichlorobenzene	8.143	146	451306	38.602	ng	100
15) Benzyl Alcohol	8.025	79	376323	38.901	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.313	45	510991	38.308	ng	100
17) 2-Methylphenol	8.225	107	349313	39.369	ng	100
18) Hexachloroethane	8.866	117	171906	38.712	ng	100
19) n-Nitroso-di-n-propyla...	8.590	70	312773	38.737	ng	100
20) 3+4-Methylphenols	8.549	107	481148	39.121	ng	100
22) Acetophenone	8.601	105	644124	38.708	ng	100
24) Nitrobenzene	8.972	77	457175	38.997	ng	100
25) Isophorone	9.501	82	893987	38.510	ng	100
26) 2-Nitrophenol	9.678	139	239675	39.837	ng	100
27) 2,4-Dimethylphenol	9.743	122	408572	39.489	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	540282	38.502	ng	100
29) 2,4-Dichlorophenol	10.213	162	405233	39.427	ng	100
30) 1,2,4-Trichlorobenzene	10.425	180	434105	38.529	ng	100
31) Naphthalene	10.613	128	1326839	38.472	ng	100
32) Benzoic acid	9.872	122	301281	39.537	ng	100
33) 4-Chloroaniline	10.713	127	599466	39.350	ng	100
34) Hexachlorobutadiene	10.901	225	271549	38.700	ng	100
35) Caprolactam	11.495	113	145175	38.520	ng	100
36) 4-Chloro-3-methylphenol	11.837	107	459473	38.959	ng	100
37) 2-Methylnaphthalene	12.219	142	865427	38.559	ng	100
38) 1-Methylnaphthalene	12.437	142	909865	38.120	ng	100
40) 1,2,4,5-Tetrachloroben...	12.590	216	494141	38.787	ng	100
41) Hexachlorocyclopentadiene	12.572	237	307015	39.896	ng	100
43) 2,4,6-Trichlorophenol	12.825	196	337157	39.201	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025396.D
Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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

Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	373880	39.664	ng	100
46) 1,1'-Biphenyl	13.231	154	1242247	38.777	ng	100
47) 2-Chloronaphthalene	13.272	162	970903	38.930	ng	100
48) 2-Nitroaniline	13.472	65	291341	40.092	ng	100
49) Acenaphthylene	14.125	152	1593636	38.617	ng	100
50) Dimethylphthalate	13.860	163	1237666	38.316	ng	100
51) 2,6-Dinitrotoluene	13.966	165	272750	40.061	ng	100
52) Acenaphthene	14.466	154	918569	37.921	ng	100
53) 3-Nitroaniline	14.301	138	301417	39.349	ng	100
54) 2,4-Dinitrophenol	14.507	184	144100	39.633	ng	100
55) Dibenzofuran	14.807	168	1479220	38.624	ng	100
56) 4-Nitrophenol	14.613	139	246542	39.168	ng	100
57) 2,4-Dinitrotoluene	14.766	165	386189	39.757	ng	100
58) Fluorene	15.466	166	1151825	38.115	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.036	232	324396	38.975	ng	100
60) Diethylphthalate	15.236	149	1264740	38.533	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	574546	38.228	ng	100
62) 4-Nitroaniline	15.478	138	309740	39.443	ng	100
63) Azobenzene	15.754	77	1091004	38.820	ng	100
65) 4,6-Dinitro-2-methylph...	15.542	198	217153	39.384	ng	100
66) n-Nitrosodiphenylamine	15.678	169	1045170	38.749	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	376864	38.739	ng	100
68) Hexachlorobenzene	16.489	284	428361	37.986	ng	100
69) Atrazine	16.654	200	386256	38.238	ng	100
70) Pentachlorophenol	16.842	266	278412	39.110	ng	100
71) Phenanthrene	17.242	178	1839191	37.851	ng	100
72) Anthracene	17.336	178	1908189	38.456	ng	100
73) Carbazole	17.613	167	1781890	38.125	ng	100
74) Di-n-butylphthalate	18.207	149	2201043	38.277	ng	100
75) Fluoranthene	19.324	202	2172758	37.488	ng	100
77) Benzidine	19.513	184	1738926	56.665	ng	100
78) Pyrene	19.701	202	2290461	39.189	ng	100
80) Butylbenzylphthalate	20.648	149	1041998	39.338	ng	100
81) Benzo(a)anthracene	21.630	228	2280774	38.460	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	877708	39.266	ng	100
83) Chrysene	21.695	228	2125866	38.278	ng	100
84) Bis(2-ethylhexyl)phtha...	21.583	149	1493804	38.310	ng	100
85) Di-n-octyl phthalate	22.871	149	2597558	38.730	ng	100
87) Indeno(1,2,3-cd)pyrene	28.865	276	2884713m	38.470	ng	
88) Benzo(b)fluoranthene	23.954	252	2318198	38.462	ng	100
89) Benzo(k)fluoranthene	24.030	252	2309091	38.285	ng	100
90) Benzo(a)pyrene	24.854	252	2265862	38.620	ng	100
91) Dibenzo(a,h)anthracene	28.953	278	2363840	38.589	ng	100
92) Benzo(g,h,i)perylene	30.059	276	2327292	38.654	ng	100

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

ICAL Form

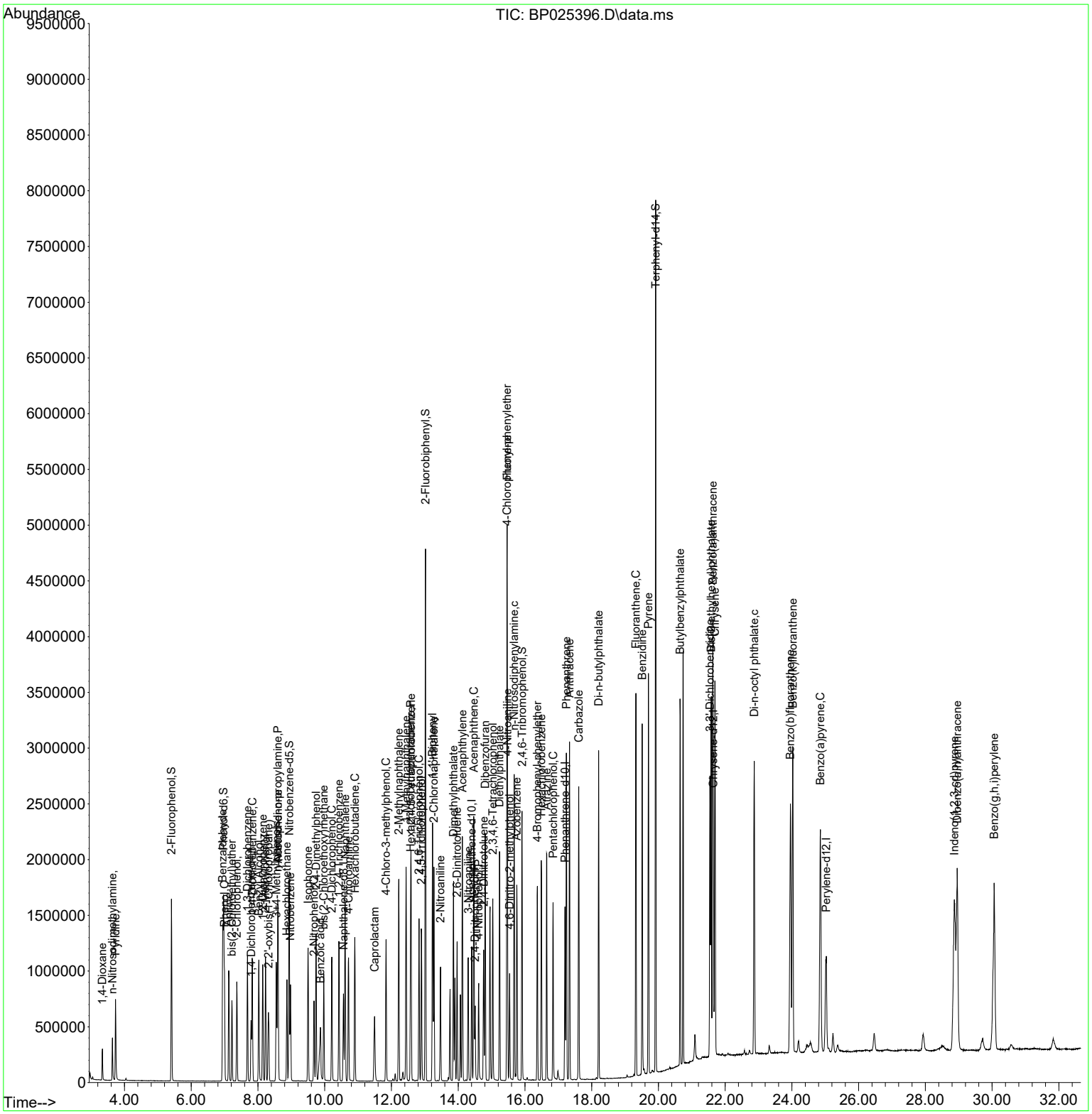
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025396.D
Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025397.D
Acq On : 14 Aug 2025 16:01
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 14 17:57:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	137945	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	573916	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	376731	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	753705	20.000	ng	0.00
76) Chrysene-d12	21.648	240	801742	20.000	ng	0.00
86) Perylene-d12	25.036	264	918939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	855256	102.963	ng	0.00
7) Phenol-d6	6.966	99	1131869	106.283	ng	0.00
23) Nitrobenzene-d5	8.937	82	1201601	105.910	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	539295	106.352	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2856639	103.632	ng	0.00
79) Terphenyl-d14	19.925	244	4409094	100.615	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	165184	50.769	ng	98
3) Pyridine	3.725	79	454022	50.983	ng	97
4) n-Nitrosodimethylamine	3.631	42	192837	52.524	ng	99
6) Aniline	7.125	93	756782	52.743	ng	100
8) 2-Chlorophenol	7.366	128	492570	52.550	ng	99
9) Benzaldehyde	6.943	77	435174	58.325	ng	97
10) Phenol	6.996	94	588764	52.687	ng	99
11) bis(2-Chloroethyl)ether	7.219	93	455697	52.320	ng	99
12) 1,3-Dichlorobenzene	7.684	146	536261	51.884	ng	99
13) 1,4-Dichlorobenzene	7.825	146	550541	52.113	ng	99
14) 1,2-Dichlorobenzene	8.143	146	528750	51.705	ng	99
15) Benzyl Alcohol	8.025	79	443889	52.458	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	603716	51.742	ng	99
17) 2-Methylphenol	8.225	107	412974	53.211	ng	98
18) Hexachloroethane	8.866	117	202672	52.178	ng	96
19) n-Nitroso-di-n-propyla...	8.590	70	363151	51.419	ng	98
20) 3+4-Methylphenols	8.549	107	565208	52.538	ng	99
22) Acetophenone	8.602	105	750308	52.131	ng	100
24) Nitrobenzene	8.978	77	537647	53.024	ng	98
25) Isophorone	9.502	82	1047736	52.182	ng	99
26) 2-Nitrophenol	9.678	139	282682	54.323	ng	98
27) 2,4-Dimethylphenol	9.737	122	481502	53.806	ng	97
28) bis(2-Chloroethoxy)met...	9.972	93	630027	51.909	ng	99
29) 2,4-Dichlorophenol	10.213	162	475406	53.478	ng	99
30) 1,2,4-Trichlorobenzene	10.431	180	507724	52.101	ng	99
31) Naphthalene	10.607	128	1560240	52.305	ng	100
32) Benzoic acid	9.884	122	357706	54.274	ng	96
33) 4-Chloroaniline	10.713	127	705562	53.548	ng	99
34) Hexachlorobutadiene	10.902	225	312163	51.436	ng	98
35) Caprolactam	11.502	113	172663	52.969	ng	94
36) 4-Chloro-3-methylphenol	11.843	107	534583	52.407	ng	100
37) 2-Methylnaphthalene	12.219	142	1003813	51.710	ng	99
38) 1-Methylnaphthalene	12.443	142	1076949	52.167	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	574152	52.769	ng	99
41) Hexachlorocyclopentadiene	12.572	237	364047	55.392	ng	98
43) 2,4,6-Trichlorophenol	12.831	196	396440	53.971	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025397.D
Acq On : 14 Aug 2025 16:01
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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

Quant Time: Aug 14 17:57:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	430061	53.421	ng	99
46) 1,1'-Biphenyl	13.231	154	1447968	52.922	ng	99
47) 2-Chloronaphthalene	13.272	162	1114922	52.344	ng	99
48) 2-Nitroaniline	13.472	65	338939	54.613	ng	98
49) Acenaphthylene	14.125	152	1875998	53.227	ng	100
50) Dimethylphthalate	13.860	163	1424127	51.622	ng	100
51) 2,6-Dinitrotoluene	13.966	165	312149	53.683	ng	97
52) Acenaphthene	14.472	154	1087721	52.577	ng	98
53) 3-Nitroaniline	14.301	138	362030	55.339	ng	99
54) 2,4-Dinitrophenol	14.507	184	175453	56.503	ng	98
55) Dibenzofuran	14.813	168	1705630	52.147	ng	99
56) 4-Nitrophenol	14.619	139	296227	55.103	ng	98
57) 2,4-Dinitrotoluene	14.766	165	450923	54.354	ng	97
58) Fluorene	15.466	166	1332448	51.627	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.043	232	378743	53.281	ng	99
60) Diethylphthalate	15.243	149	1450033	51.728	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	650101	50.647	ng	99
62) 4-Nitroaniline	15.478	138	364030	54.278	ng	99
63) Azobenzene	15.760	77	1262576	52.602	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	262126	55.792	ng	98
66) n-Nitrosodiphenylamine	15.678	169	1195077	51.997	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	433740	52.325	ng	99
68) Hexachlorobenzene	16.495	284	497906	51.816	ng	97
69) Atrazine	16.654	200	451704	52.479	ng	98
70) Pentachlorophenol	16.842	266	332839	54.872	ng	97
71) Phenanthrene	17.248	178	2139431	51.673	ng	100
72) Anthracene	17.337	178	2214911	52.385	ng	100
73) Carbazole	17.613	167	2093175	52.559	ng	99
74) Di-n-butylphthalate	18.213	149	2589522	52.849	ng	99
75) Fluoranthene	19.325	202	2563702	51.910	ng	99
77) Benzidine	19.513	184	1330198	48.615	ng	99
78) Pyrene	19.701	202	2644850	50.754	ng	100
80) Butylbenzylphthalate	20.660	149	1231376	52.139	ng	98
81) Benzo(a)anthracene	21.630	228	2723006	51.499	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	1043476	52.357	ng	99
83) Chrysene	21.701	228	2565856	51.817	ng	99
84) Bis(2-ethylhexyl)phtha...	21.577	149	1805478	51.933	ng	100
85) Di-n-octyl phthalate	22.877	149	3150824	52.690	ng	100
87) Indeno(1,2,3-cd)pyrene	28.859	276	3604179m	53.463	ng	
88) Benzo(b)fluoranthene	23.960	252	2870971	52.982	ng	100
89) Benzo(k)fluoranthene	24.042	252	2817276	51.956	ng	99
90) Benzo(a)pyrene	24.877	252	2800880	53.100	ng	99
91) Dibenzo(a,h)anthracene	28.965	278	2962622	53.795	ng	98
92) Benzo(g,h,i)perylene	30.053	276	2866689m	52.960	ng	

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

ICAL Form

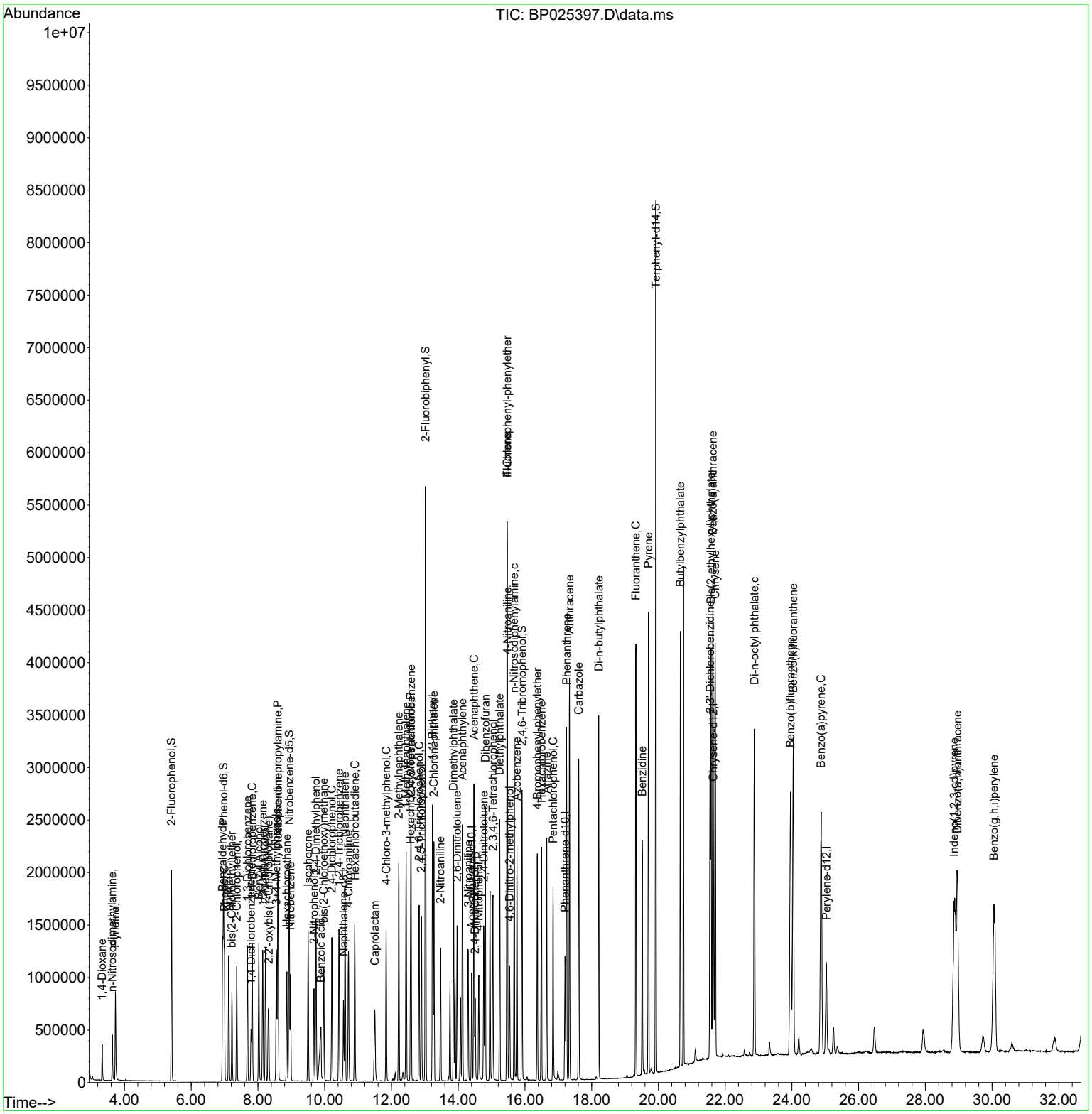
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025397.D
Acq On : 14 Aug 2025 16:01
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 14 17:57:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	162248	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	693237	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	460439	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	923402	20.000	ng		0.01
76) Chrysene-d12	21.666	240	926019	20.000	ng		0.02
86) Perylene-d12	25.042	264	1081163	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1193329	122.144	ng		0.00
7) Phenol-d6	6.972	99	1566626	125.072	ng		0.00
23) Nitrobenzene-d5	8.931	82	1698557	123.944	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	760738	122.748	ng		0.01
45) 2-Fluorobiphenyl	13.025	172	3963871	117.656	ng		0.00
79) Terphenyl-d14	19.930	244	5896004	116.490	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	225015	58.799	ng		99
3) Pyridine	3.731	79	623639	59.539	ng		97
4) n-Nitrosodimethylamine	3.637	42	269971	62.518	ng		100
6) Aniline	7.125	93	1053232	62.408	ng		99
8) 2-Chlorophenol	7.366	128	688094	62.413	ng		100
9) Benzaldehyde	6.943	77	489205	55.745	ng		97
10) Phenol	7.002	94	821863	62.530	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	634374	61.925	ng		99
12) 1,3-Dichlorobenzene	7.684	146	744884	61.273	ng		99
13) 1,4-Dichlorobenzene	7.825	146	751354	60.469	ng		100
14) 1,2-Dichlorobenzene	8.143	146	723663	60.165	ng		99
15) Benzyl Alcohol	8.025	79	627198	63.019	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	846896	61.712	ng		99
17) 2-Methylphenol	8.225	107	579471	63.480	ng		99
18) Hexachloroethane	8.866	117	281129	61.535	ng		95
19) n-Nitroso-di-n-propyla...	8.590	70	507223	61.060	ng		98
20) 3+4-Methylphenols	8.555	107	798107	63.075	ng		96
22) Acetophenone	8.602	105	1051848	60.503	ng	#	99
24) Nitrobenzene	8.978	77	752762	61.461	ng		98
25) Isophorone	9.502	82	1475193	60.825	ng		99
26) 2-Nitrophenol	9.678	139	405821	64.564	ng		98
27) 2,4-Dimethylphenol	9.743	122	675186	62.463	ng		100
28) bis(2-Chloroethoxy)met...	9.972	93	894872	61.040	ng		99
29) 2,4-Dichlorophenol	10.213	162	673952	62.764	ng		99
30) 1,2,4-Trichlorobenzene	10.425	180	715954	60.823	ng		98
31) Naphthalene	10.613	128	2187912	60.722	ng		100
32) Benzoic acid	9.907	122	530609	66.651	ng		98
33) 4-Chloroaniline	10.713	127	993155	62.401	ng		99
34) Hexachlorobutadiene	10.901	225	442929	60.421	ng		100
35) Caprolactam	11.513	113	241521	61.340	ng		95
36) 4-Chloro-3-methylphenol	11.843	107	764338	62.033	ng		98
37) 2-Methylnaphthalene	12.219	142	1418882	60.511	ng		99
38) 1-Methylnaphthalene	12.437	142	1494304	59.925	ng		100
40) 1,2,4,5-Tetrachloroben...	12.590	216	802737	60.365	ng		100
41) Hexachlorocyclopentadiene	12.572	237	536440	66.784	ng		99
43) 2,4,6-Trichlorophenol	12.831	196	564165	62.841	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.901	196	619246	62.937	ng	97
46)	1,1'-Biphenyl	13.237	154	1996186	59.695	ng	99
47)	2-Chloronaphthalene	13.272	162	1577577	60.600	ng	99
48)	2-Nitroaniline	13.472	65	485429	63.996	ng	100
49)	Acenaphthylene	14.131	152	2634005	61.147	ng	99
50)	Dimethylphthalate	13.866	163	2042324	60.572	ng	99
51)	2,6-Dinitrotoluene	13.972	165	446520	62.831	ng	100
52)	Acenaphthene	14.478	154	1527191	60.399	ng	100
53)	3-Nitroaniline	14.301	138	506373	63.331	ng	96
54)	2,4-Dinitrophenol	14.519	184	265089	69.849	ng	98
55)	Dibenzofuran	14.819	168	2387933	59.734	ng	100
56)	4-Nitrophenol	14.625	139	419801	63.893	ng	99
57)	2,4-Dinitrotoluene	14.778	165	650054	64.112	ng	96
58)	Fluorene	15.478	166	1836972	58.236	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.042	232	541317	62.307	ng	100
60)	Diethylphthalate	15.254	149	2015888	58.840	ng	99
61)	4-Chlorophenyl-phenyle...	15.472	204	926280	59.044	ng	99
62)	4-Nitroaniline	15.489	138	510438	62.272	ng	99
63)	Azobenzene	15.766	77	1796580	61.242	ng	99
65)	4,6-Dinitro-2-methylph...	15.554	198	385873	67.038	ng	98
66)	n-Nitrosodiphenylamine	15.684	169	1674806	59.478	ng	99
67)	4-Bromophenyl-phenylether	16.378	248	616767	60.731	ng	97
68)	Hexachlorobenzene	16.501	284	711778	60.461	ng	100
69)	Atrazine	16.666	200	633381	60.063	ng	99
70)	Pentachlorophenol	16.854	266	474276	63.820	ng	97
71)	Phenanthrene	17.260	178	3006132	59.263	ng	100
72)	Anthracene	17.342	178	3050794	58.895	ng	99
73)	Carbazole	17.625	167	2916606	59.776	ng	99
74)	Di-n-butylphthalate	18.219	149	3560427	59.310	ng	100
75)	Fluoranthene	19.342	202	3563798	58.899	ng	99
77)	Benzidine	19.525	184	1690432	53.489	ng	99
78)	Pyrene	19.713	202	3664453	60.883	ng	100
80)	Butylbenzylphthalate	20.660	149	1710246	62.697	ng	99
81)	Benzo(a)anthracene	21.648	228	3702064	60.619	ng	99
82)	3,3'-Dichlorobenzidine	21.554	252	1405597	61.062	ng	100
83)	Chrysene	21.707	228	3453736	60.387	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.583	149	2450963	61.038	ng	100
85)	Di-n-octyl phthalate	22.883	149	4342211	62.869	ng	100
87)	Indeno(1,2,3-cd)pyrene	28.901	276	4937235	62.248	ng	96
88)	Benzo(b)fluoranthene	23.960	252	3883465	60.914	ng	99
89)	Benzo(k)fluoranthene	24.036	252	3912900	61.334	ng	99
90)	Benzo(a)pyrene	24.883	252	3845093	61.959	ng	99
91)	Dibenzo(a,h)anthracene	28.977	278	4035414	62.280	ng	98
92)	Benzo(g,h,i)perylene	30.083	276	3958545	62.159	ng	100

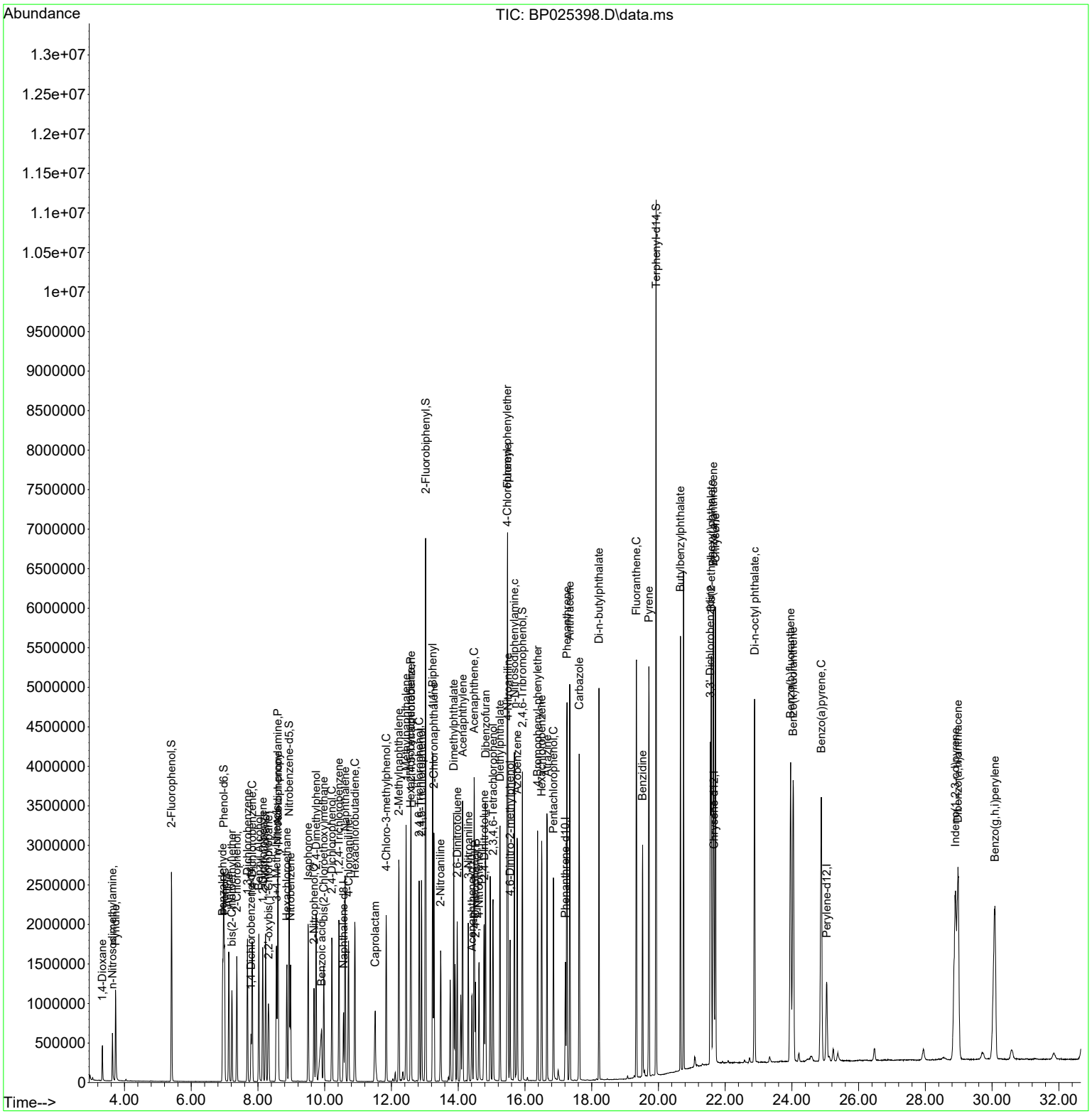
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025399.D
Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	159148	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	673018	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	436046	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	856946	20.000	ng	# 0.00
76) Chrysene-d12	21.660	240	888879	20.000	ng	0.01
86) Perylene-d12	25.030	264	1037707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1526166	159.254	ng	0.00
7) Phenol-d6	6.972	99	1989633	161.937	ng	0.00
23) Nitrobenzene-d5	8.937	82	2123522	159.609	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	936489	159.559	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	4712591	147.705	ng	0.00
79) Terphenyl-d14	19.930	244	7103816	146.217	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	291527	77.664	ng	99
3) Pyridine	3.731	79	807269	78.572	ng	97
4) n-Nitrosodimethylamine	3.637	42	344349	81.296	ng	99
6) Aniline	7.131	93	1333221	80.538	ng	100
8) 2-Chlorophenol	7.372	128	877073	81.104	ng	99
9) Benzaldehyde	6.943	77	582344	67.651	ng	98
10) Phenol	7.002	94	1040534	80.710	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	798672	79.481	ng	99
12) 1,3-Dichlorobenzene	7.684	146	950596	79.718	ng	98
13) 1,4-Dichlorobenzene	7.825	146	961421	78.882	ng	99
14) 1,2-Dichlorobenzene	8.143	146	922658	78.203	ng	99
15) Benzyl Alcohol	8.031	79	795618	81.498	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	1059824	78.732	ng	99
17) 2-Methylphenol	8.225	107	734482	82.028	ng	100
18) Hexachloroethane	8.866	117	355791	79.395	ng	94
19) n-Nitroso-di-n-propyla...	8.596	70	636387	78.102	ng	99
20) 3+4-Methylphenols	8.555	107	1005632	81.023	ng	97
22) Acetophenone	8.607	105	1314548	77.886	ng	99
24) Nitrobenzene	8.978	77	947511	79.686	ng	99
25) Isophorone	9.507	82	1829675	77.708	ng	99
26) 2-Nitrophenol	9.678	139	511806	83.872	ng	99
27) 2,4-Dimethylphenol	9.743	122	842467	80.280	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	1103640	77.542	ng	99
29) 2,4-Dichlorophenol	10.213	162	844787	81.037	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	892771	78.123	ng	98
31) Naphthalene	10.613	128	2722703	77.835	ng	99
32) Benzoic acid	9.901	122	686791	88.861	ng	99
33) 4-Chloroaniline	10.713	127	1232431	79.761	ng	100
34) Hexachlorobutadiene	10.901	225	557922	78.393	ng	99
35) Caprolactam	11.519	113	302874	79.233	ng	95
36) 4-Chloro-3-methylphenol	11.843	107	949779	79.399	ng	99
37) 2-Methylnaphthalene	12.213	142	1761325	77.372	ng	99
38) 1-Methylnaphthalene	12.437	142	1844376	76.186	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	995064	79.014	ng	100
41) Hexachlorocyclopentadiene	12.572	237	668771	87.916	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	706484	83.096	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025399.D
Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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

Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	762861	81.870	ng	99
46) 1,1'-Biphenyl	13.231	154	2453536	77.476	ng	99
47) 2-Chloronaphthalene	13.272	162	1918120	77.804	ng	100
48) 2-Nitroaniline	13.472	65	594696	82.788	ng	96
49) Acenaphthylene	14.125	152	3194918	78.318	ng	100
50) Dimethylphthalate	13.860	163	2446951	76.632	ng	99
51) 2,6-Dinitrotoluene	13.972	165	542710	80.639	ng	99
52) Acenaphthene	14.472	154	1841448	76.902	ng	99
53) 3-Nitroaniline	14.301	138	618087	81.627	ng	100
54) 2,4-Dinitrophenol	14.507	184	339125	94.356	ng	100
55) Dibenzofuran	14.807	168	2915933	77.023	ng	99
56) 4-Nitrophenol	14.619	139	520294	83.618	ng	96
57) 2,4-Dinitrotoluene	14.766	165	791214	82.399	ng	99
58) Fluorene	15.466	166	2185593	73.164	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.031	232	661890	80.448	ng	100
60) Diethylphthalate	15.242	149	2494087	76.870	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	1105157	74.388	ng	97
62) 4-Nitroaniline	15.484	138	626525	80.710	ng	97
63) Azobenzene	15.760	77	2139674	77.017	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	472602	88.473	ng	93
66) n-Nitrosodiphenylamine	15.678	169	2034782	77.866	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	745915	79.144	ng	98
68) Hexachlorobenzene	16.495	284	860051	78.721	ng	97
69) Atrazine	16.654	200	783533	80.064	ng	98
70) Pentachlorophenol	16.842	266	589673	85.502	ng	98
71) Phenanthrene	17.242	178	3623454	76.972	ng	99
72) Anthracene	17.336	178	3702277	77.014	ng	99
73) Carbazole	17.607	167	3503273	77.368	ng	99
74) Di-n-butylphthalate	18.219	149	4336701	77.844	ng	100
75) Fluoranthene	19.330	202	4313301	76.815	ng	99
77) Benzidine	19.525	184	2036246	67.124	ng	99
78) Pyrene	19.707	202	4410693	76.343	ng	99
80) Butylbenzylphthalate	20.660	149	2054404	78.460	ng	97
81) Benzo(a)anthracene	21.642	228	4532763	77.322	ng	100
82) 3,3'-Dichlorobenzidine	21.554	252	1705746	77.197	ng	100
83) Chrysene	21.707	228	4218161	76.835	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	3021891	78.400	ng	100
85) Di-n-octyl phthalate	22.877	149	5302080	79.974	ng	100
87) Indeno(1,2,3-cd)pyrene	28.895	276	6168570m	81.030	ng	
88) Benzo(b)fluoranthene	23.977	252	4876398	79.692	ng	100
89) Benzo(k)fluoranthene	24.054	252	4734637	77.323	ng	99
90) Benzo(a)pyrene	24.889	252	4735685	79.505	ng	99
91) Dibenzo(a,h)anthracene	28.983	278	5046260	81.142	ng	99
92) Benzo(g,h,i)perylene	30.106	276	4949477	80.973	ng	98

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

ICAL Form

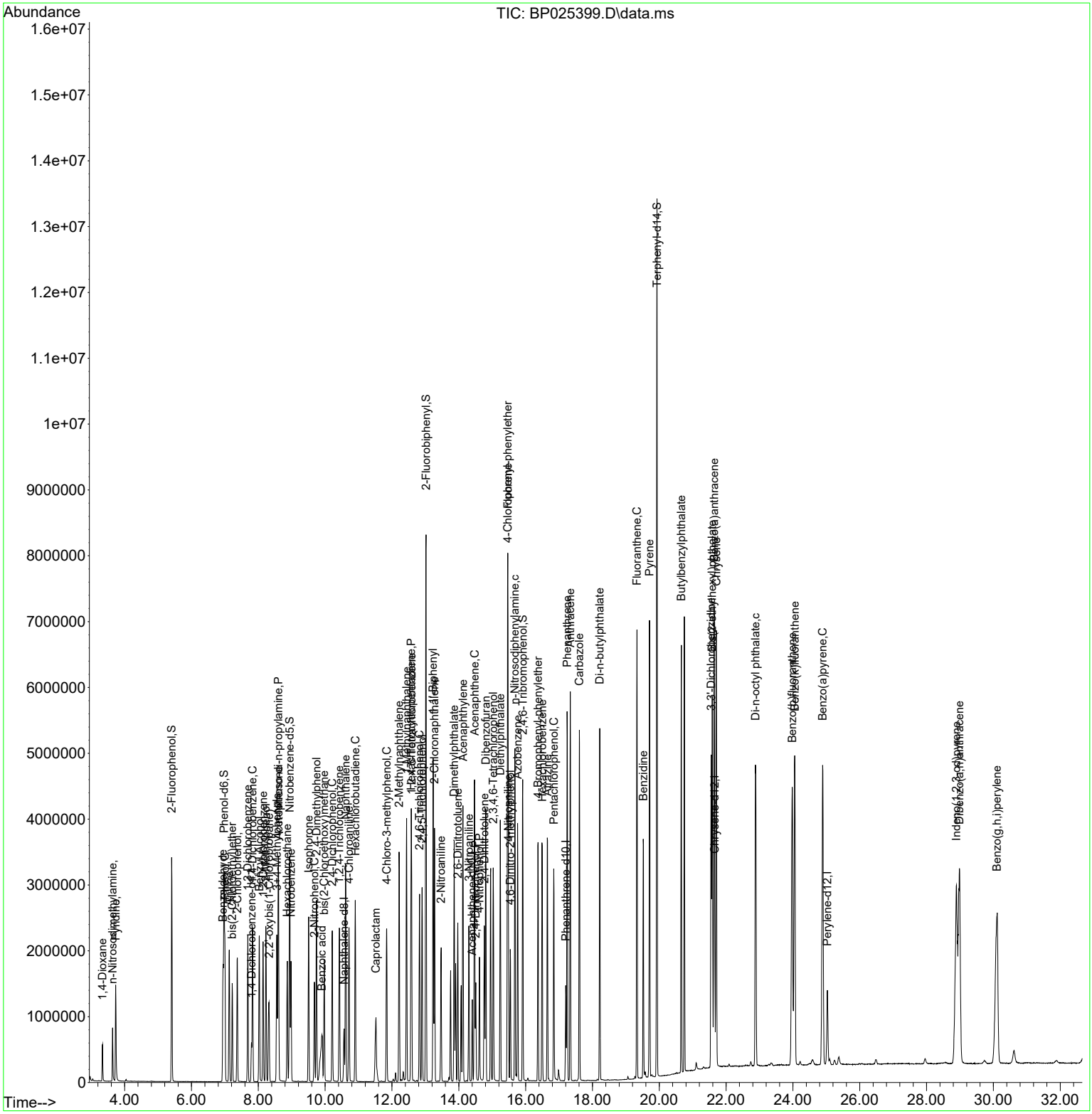
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025399.D
Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations APPROVED

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

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	174007	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	750079	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	503239	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	1034378	20.000	ng		0.01
76) Chrysene-d12	21.654	240	1060337	20.000	ng		0.00
86) Perylene-d12	25.024	264	1200519	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	727486	69.430	ng		0.00
7) Phenol-d6	6.966	99	962695	71.663	ng		0.00
23) Nitrobenzene-d5	8.937	82	984441	66.391	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	484870	71.582	ng		0.00
45) 2-Fluorobiphenyl	13.025	172	2430828	66.016	ng		0.00
79) Terphenyl-d14	19.936	244	3848160	66.399	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	138687	33.792	ng		99
3) Pyridine	3.731	79	403298	35.901	ng		98
4) n-Nitrosodimethylamine	3.631	42	176521	38.115	ng		98
6) Aniline	7.125	93	690437	38.147	ng		99
8) 2-Chlorophenol	7.366	128	455230	38.501	ng		99
9) Benzaldehyde	6.943	77	321335	34.142	ng		96
10) Phenol	6.996	94	541123	38.388	ng		99
11) bis(2-Chloroethyl)ether	7.219	93	421318	38.348	ng		99
12) 1,3-Dichlorobenzene	7.684	146	492014	37.738	ng		100
13) 1,4-Dichlorobenzene	7.825	146	504919	37.890	ng		97
14) 1,2-Dichlorobenzene	8.143	146	487845	37.818	ng		99
15) Benzyl Alcohol	8.025	79	416544	39.025	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	563276	38.271	ng		99
17) 2-Methylphenol	8.225	107	380608	38.877	ng		100
18) Hexachloroethane	8.866	117	186691	38.103	ng		97
19) n-Nitroso-di-n-propyla...	8.590	70	340533	38.270	ng		99
20) 3+4-Methylphenols	8.549	107	524095	38.620	ng		99
22) Acetophenone	8.602	105	718869	38.216	ng	#	99
24) Nitrobenzene	8.978	77	494466	37.313	ng		98
25) Isophorone	9.501	82	993378	37.855	ng		99
26) 2-Nitrophenol	9.678	139	263348	38.722	ng		97
27) 2,4-Dimethylphenol	9.743	122	455078	38.910	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	599862	37.816	ng		99
29) 2,4-Dichlorophenol	10.213	162	449034	38.649	ng		98
30) 1,2,4-Trichlorobenzene	10.431	180	474183	37.231	ng		98
31) Naphthalene	10.613	128	1459279	37.431	ng		99
32) Benzoic acid	9.884	122	330207	38.242	ng		96
33) 4-Chloroaniline	10.713	127	655135	38.043	ng		99
34) Hexachlorobutadiene	10.901	225	293728	37.031	ng		98
35) Caprolactam	11.501	113	163211	38.310	ng		98
36) 4-Chloro-3-methylphenol	11.837	107	517126	38.789	ng		98
37) 2-Methylnaphthalene	12.219	142	960146	37.845	ng		99
38) 1-Methylnaphthalene	12.443	142	1012844	37.539	ng		99
40) 1,2,4,5-Tetrachloroben...	12.590	216	550777	37.895	ng		100
41) Hexachlorocyclopentadiene	12.572	237	351819	40.074	ng		100
43) 2,4,6-Trichlorophenol	12.831	196	382393	38.972	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	420565	39.108	ng	99
46) 1,1'-Biphenyl	13.237	154	1376834	37.672	ng	99
47) 2-Chloronaphthalene	13.272	162	1072147	37.682	ng	99
48) 2-Nitroaniline	13.472	65	323995	39.081	ng	99
49) Acenaphthylene	14.125	152	1775899	37.720	ng	100
50) Dimethylphthalate	13.860	163	1406620	38.170	ng	100
51) 2,6-Dinitrotoluene	13.972	165	304562	39.211	ng	98
52) Acenaphthene	14.472	154	1018011m	36.837	ng	
53) 3-Nitroaniline	14.301	138	349791	40.027	ng	98
54) 2,4-Dinitrophenol	14.507	184	172743	41.646	ng	100
55) Dibenzofuran	14.813	168	1630744	37.324	ng	100
56) 4-Nitrophenol	14.619	139	284585	39.630	ng	99
57) 2,4-Dinitrotoluene	14.772	165	448143	40.439	ng	98
58) Fluorene	15.478	166	1275341	36.992	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.036	232	371715	39.147	ng	99
60) Diethylphthalate	15.242	149	1415787	37.810	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	627477	36.596	ng	99
62) 4-Nitroaniline	15.484	138	346865	38.717	ng	99
63) Azobenzene	15.766	77	1235242	38.526	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	256111	39.721	ng	99
66) n-Nitrosodiphenylamine	15.684	169	1174244	37.227	ng	100
67) 4-Bromophenyl-phenylether	16.378	248	422072	37.101	ng	96
68) Hexachlorobenzene	16.501	284	488749	37.062	ng	98
69) Atrazine	16.660	200	449555	38.057	ng	100
70) Pentachlorophenol	16.854	266	322435	38.733	ng	98
71) Phenanthrene	17.254	178	2070873	36.445	ng	99
72) Anthracene	17.342	178	2179669	37.563	ng	100
73) Carbazole	17.619	167	2028595	37.116	ng	100
74) Di-n-butylphthalate	18.225	149	2528547	37.602	ng	100
75) Fluoranthene	19.342	202	2540417	37.481	ng	99
77) Benzidine	19.519	184	1529656	42.271	ng	99
78) Pyrene	19.713	202	2577810	37.404	ng	99
80) Butylbenzylphthalate	20.660	149	1199445	38.401	ng	98
81) Benzo(a)anthracene	21.636	228	2583866	36.950	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	1002597	38.038	ng	99
83) Chrysene	21.701	228	2446197	37.353	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1780746	38.729	ng	100
85) Di-n-octyl phthalate	22.877	149	2998528	37.915	ng	100
87) Indeno(1,2,3-cd)pyrene	28.877	276	3267965	37.119	ng	94
88) Benzo(b)fluoranthene	23.971	252	2616701	36.964	ng	100
89) Benzo(k)fluoranthene	24.042	252	2653905	37.464	ng	99
90) Benzo(a)pyrene	24.871	252	2560692	37.160	ng	100
91) Dibenzo(a,h)anthracene	28.948	278	2697336	37.490	ng	99
92) Benzo(g,h,i)perylene	30.089	276	2632085	37.216	ng	98

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

ICAL Form

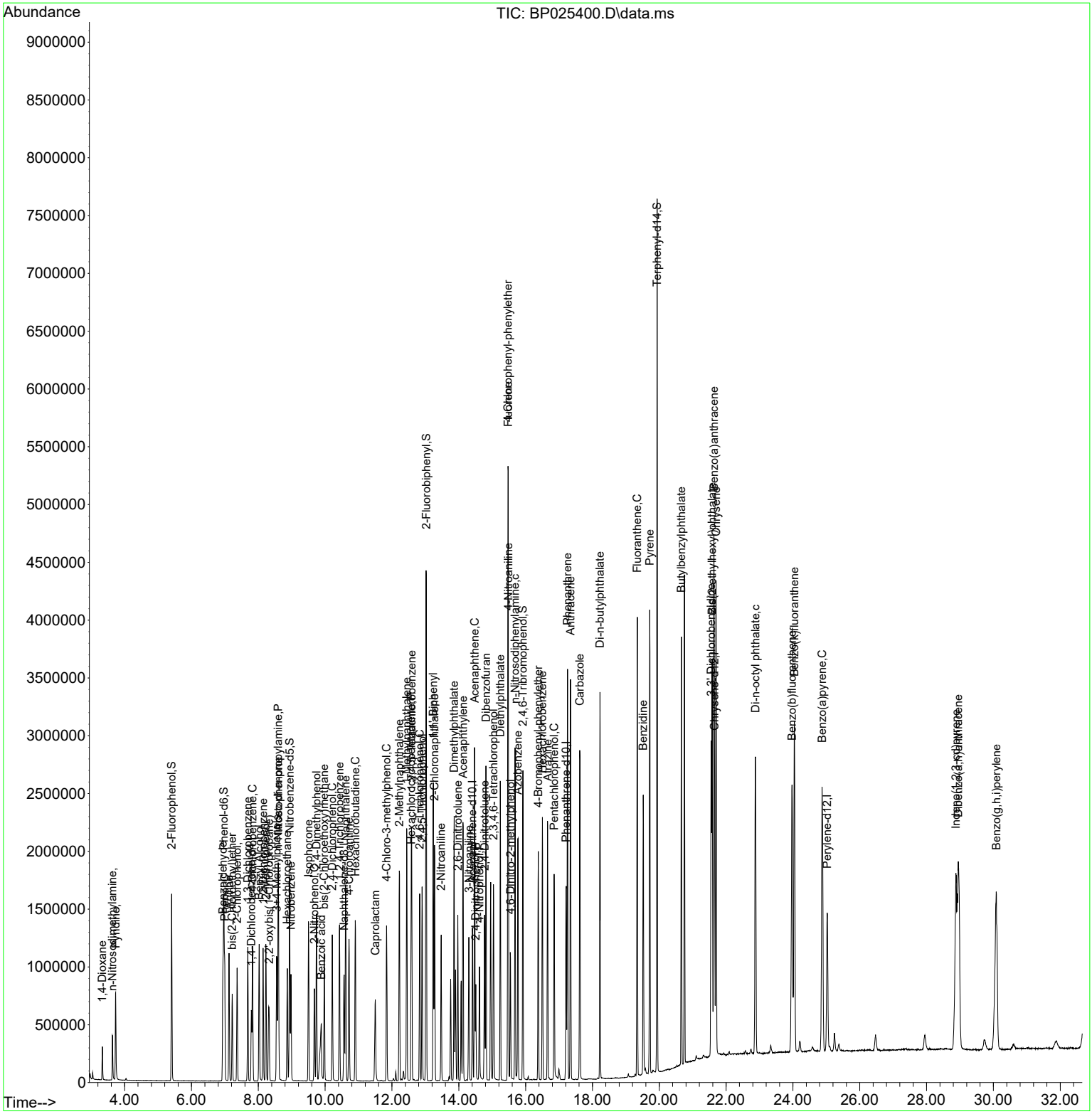
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations APPROVED

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



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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	110	0.00
2		1,4-Dioxane	0.472	0.399	15.5	99	0.00
3		Pyridine	1.291	1.159	10.2	105	0.00
4		n-Nitrosodimethylamine	0.532	0.507	4.7	109	0.00
5	S	2-Fluorophenol	1.204	1.045	13.2	99	0.00
6		Aniline	2.080	1.984	4.6	108	0.00
7	S	Phenol-d6	1.544	1.383	10.4	101	0.00
8		2-Chlorophenol	1.359	1.308	3.8	110	0.00
9		Benzaldehyde	1.082	0.923	14.7	75	0.00
10	C	Phenol	1.620	1.555	4.0	109	0.00
11		bis(2-Chloroethyl)ether	1.263	1.211	4.1	109	0.00
12		1,3-Dichlorobenzene	1.499	1.414	5.7	108	0.00
13	C	1,4-Dichlorobenzene	1.532	1.451	5.3	109	0.00
14		1,2-Dichlorobenzene	1.483	1.402	5.5	108	0.00
15		Benzyl Alcohol	1.227	1.197	2.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	1.692	1.619	4.3	110	0.00
17		2-Methylphenol	1.125	1.094	2.8	109	0.00
18		Hexachloroethane	0.563	0.536	4.8	109	0.00
19	P	n-Nitroso-di-n-propylamine	1.023	0.979	4.3	109	0.00
20		3+4-Methylphenols	1.560	1.506	3.5	109	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	113	0.00
22		Acetophenone	0.502	0.479	4.6	112	0.00
23	S	Nitrobenzene-d5	0.395	0.328	17.0	97	0.00
24		Nitrobenzene	0.353	0.330	6.5	108	0.00
25		Isophorone	0.700	0.662	5.4	111	0.00
26	C	2-Nitrophenol	0.181	0.176	2.8	110	0.00
27		2,4-Dimethylphenol	0.312	0.303	2.9	111	0.00
28		bis(2-Chloroethoxy)methane	0.423	0.400	5.4	111	0.00
29	C	2,4-Dichlorophenol	0.310	0.299	3.5	111	0.00
30		1,2,4-Trichlorobenzene	0.340	0.316	7.1	109	0.00
31		Naphthalene	1.040	0.973	6.4	110	0.00
32		Benzoic acid	0.230	0.220	4.3	110	0.01
33		4-Chloroaniline	0.459	0.437	4.8	109	0.00
34	C	Hexachlorobutadiene	0.211	0.196	7.1	108	0.00
35		Caprolactam	0.114	0.109	4.4	112	0.00
36	C	4-Chloro-3-methylphenol	0.355	0.345	2.8	113	0.00
37		2-Methylnaphthalene	0.676	0.640	5.3	111	0.00
38		1-Methylnaphthalene	0.719	0.675	6.1	111	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	114	0.00
40		1,2,4,5-Tetrachlorobenzene	0.578	0.547	5.4	111	0.00
41	P	Hexachlorocyclopentadiene	0.349	0.350	-0.3	115	0.00
42	S	2,4,6-Tribromophenol	0.269	0.241	10.4	105	0.00
43	C	2,4,6-Trichlorophenol	0.390	0.380	2.6	113	0.00
44		2,4,5-Trichlorophenol	0.427	0.418	2.1	112	0.00
45	S	2-Fluorobiphenyl	1.463	1.208	17.4	99	0.00
46		1,1'-Biphenyl	1.453	1.368	5.8	111	0.00
47		2-Chloronaphthalene	1.131	1.065	5.8	110	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.329	0.322	2.1	111	0.00
49		Acenaphthylene	1.871	1.764	5.7	111	0.00
50		Dimethylphthalate	1.465	1.398	4.6	114	0.00
51		2,6-Dinitrotoluene	0.309	0.303	1.9	112	0.00
52	C	Acenaphthene	1.098	1.011	7.9	111	0.00
53		3-Nitroaniline	0.347	0.348	-0.3	116	0.00
54	P	2,4-Dinitrophenol	0.165	0.172	-4.2	120	0.00
55		Dibenzofuran	1.736	1.620	6.7	110	0.00
56	P	4-Nitrophenol	0.285	0.283	0.7	115	0.00
57		2,4-Dinitrotoluene	0.440	0.445	-1.1	116	0.00
58		Fluorene	1.370	1.267	7.5	111	0.01
59		2,3,4,6-Tetrachlorophenol	0.377	0.369	2.1	115	0.00
60		Diethylphthalate	1.488	1.407	5.4	112	0.00
61		4-Chlorophenyl-phenylether	0.681	0.623	8.5	109	0.01
62		4-Nitroaniline	0.356	0.345	3.1	112	0.00
63		Azobenzene	1.274	1.227	3.7	113	0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	117	0.01
65		4,6-Dinitro-2-methylphenol	0.125	0.124	0.8	118	0.00
66	c	n-Nitrosodiphenylamine	0.610	0.568	6.9	112	0.00
67		4-Bromophenyl-phenylether	0.220	0.204	7.3	112	0.00
68		Hexachlorobenzene	0.255	0.236	7.5	114	0.01
69		Atrazine	0.228	0.217	4.8	116	0.00
70	C	Pentachlorophenol	0.161	0.156	3.1	116	0.01
71		Phenanthrene	1.099	1.001	8.9	113	0.01
72		Anthracene	1.122	1.054	6.1	114	0.00
73		Carbazole	1.057	0.981	7.2	114	0.00
74		Di-n-butylphthalate	1.300	1.222	6.0	115	0.02
75	C	Fluoranthene	1.311	1.228	6.3	117	0.02
76	I	Chrysene-d12	1.000	1.000	0.0	118	0.00
77		Benzidine	0.683	0.721	-5.6	88	0.00
78		Pyrene	1.300	1.216	6.5	113	0.01
79	S	Terphenyl-d14	1.093	0.907	17.0	102	0.02
80		Butylbenzylphthalate	0.589	0.566	3.9	115	0.01
81		Benzo(a)anthracene	1.319	1.218	7.7	113	0.00
82		3,3'-Dichlorobenzidine	0.497	0.473	4.8	114	0.01
83		Chrysene	1.235	1.153	6.6	115	0.00
84		Bis(2-ethylhexyl)phthalate	0.867	0.840	3.1	119	0.00
85	c	Di-n-octyl phthalate	1.492	1.414	5.2	115	0.00
86	I	Perylene-d12	1.000	1.000	0.0	117	0.00
87		Indeno(1,2,3-cd)pyrene	1.467	1.361	7.2	113	0.01
88		Benzo(b)fluoranthene	1.179	1.090	7.5	113	0.02
89		Benzo(k)fluoranthene	1.180	1.105	6.4	115	0.01
90	C	Benzo(a)pyrene	1.148	1.066	7.1	113	0.02
91		Dibenzo(a,h)anthracene	1.199	1.123	6.3	114	0.00
92		Benzo(g,h,i)perylene	1.178	1.096	7.0	113	0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
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Instrument :
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Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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	110	0.00
2		1,4-Dioxane	40.000	33.792	15.5	99	0.00
3		Pyridine	40.000	35.901	10.2	105	0.00
4		n-Nitrosodimethylamine	40.000	38.115	4.7	109	0.00
5	S	2-Fluorophenol	80.000	69.430	13.2	99	0.00
6		Aniline	40.000	38.147	4.6	108	0.00
7	S	Phenol-d6	80.000	71.663	10.4	101	0.00
8		2-Chlorophenol	40.000	38.501	3.7	110	0.00
9		Benzaldehyde	40.000	34.142	14.6	75	0.00
10	C	Phenol	40.000	38.388	4.0	109	0.00
11		bis(2-Chloroethyl)ether	40.000	38.348	4.1	109	0.00
12		1,3-Dichlorobenzene	40.000	37.738	5.7	108	0.00
13	C	1,4-Dichlorobenzene	40.000	37.890	5.3	109	0.00
14		1,2-Dichlorobenzene	40.000	37.818	5.5	108	0.00
15		Benzyl Alcohol	40.000	39.025	2.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.271	4.3	110	0.00
17		2-Methylphenol	40.000	38.877	2.8	109	0.00
18		Hexachloroethane	40.000	38.103	4.7	109	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.270	4.3	109	0.00
20		3+4-Methylphenols	40.000	38.620	3.5	109	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	113	0.00
22		Acetophenone	40.000	38.216	4.5	112	0.00
23	S	Nitrobenzene-d5	80.000	66.391	17.0	97	0.00
24		Nitrobenzene	40.000	37.313	6.7	108	0.00
25		Isophorone	40.000	37.855	5.4	111	0.00
26	C	2-Nitrophenol	40.000	38.722	3.2	110	0.00
27		2,4-Dimethylphenol	40.000	38.910	2.7	111	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.816	5.5	111	0.00
29	C	2,4-Dichlorophenol	40.000	38.649	3.4	111	0.00
30		1,2,4-Trichlorobenzene	40.000	37.231	6.9	109	0.00
31		Naphthalene	40.000	37.431	6.4	110	0.00
32		Benzoic acid	40.000	38.242	4.4	110	0.01
33		4-Chloroaniline	40.000	38.043	4.9	109	0.00
34	C	Hexachlorobutadiene	40.000	37.031	7.4	108	0.00
35		Caprolactam	40.000	38.310	4.2	112	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.789	3.0	113	0.00
37		2-Methylnaphthalene	40.000	37.845	5.4	111	0.00
38		1-Methylnaphthalene	40.000	37.539	6.2	111	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	114	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.895	5.3	111	0.00
41	P	Hexachlorocyclopentadiene	40.000	40.074	-0.2	115	0.00
42	S	2,4,6-Tribromophenol	80.000	71.582	10.5	105	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.972	2.6	113	0.00
44		2,4,5-Trichlorophenol	40.000	39.108	2.2	112	0.00
45	S	2-Fluorobiphenyl	80.000	66.016	17.5	99	0.00
46		1,1'-Biphenyl	40.000	37.672	5.8	111	0.00
47		2-Chloronaphthalene	40.000	37.682	5.8	110	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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	39.081	2.3	111	0.00
49		Acenaphthylene	40.000	37.720	5.7	111	0.00
50		Dimethylphthalate	40.000	38.170	4.6	114	0.00
51		2,6-Dinitrotoluene	40.000	39.211	2.0	112	0.00
52	C	Acenaphthene	40.000	36.837	7.9	111	0.00
53		3-Nitroaniline	40.000	40.027	-0.1	116	0.00
54	P	2,4-Dinitrophenol	40.000	41.646	-4.1	120	0.00
55		Dibenzofuran	40.000	37.324	6.7	110	0.00
56	P	4-Nitrophenol	40.000	39.630	0.9	115	0.00
57		2,4-Dinitrotoluene	40.000	40.439	-1.1	116	0.00
58		Fluorene	40.000	36.992	7.5	111	0.01
59		2,3,4,6-Tetrachlorophenol	40.000	39.147	2.1	115	0.00
60		Diethylphthalate	40.000	37.810	5.5	112	0.00
61		4-Chlorophenyl-phenylether	40.000	36.596	8.5	109	0.01
62		4-Nitroaniline	40.000	38.717	3.2	112	0.00
63		Azobenzene	40.000	38.526	3.7	113	0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	117	0.01
65		4,6-Dinitro-2-methylphenol	40.000	39.721	0.7	118	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.227	6.9	112	0.00
67		4-Bromophenyl-phenylether	40.000	37.101	7.2	112	0.00
68		Hexachlorobenzene	40.000	37.062	7.3	114	0.01
69		Atrazine	40.000	38.057	4.9	116	0.00
70	C	Pentachlorophenol	40.000	38.733	3.2	116	0.01
71		Phenanthrene	40.000	36.445	8.9	113	0.01
72		Anthracene	40.000	37.563	6.1	114	0.00
73		Carbazole	40.000	37.116	7.2	114	0.00
74		Di-n-butylphthalate	40.000	37.602	6.0	115	0.02
75	C	Fluoranthene	40.000	37.481	6.3	117	0.02
76	I	Chrysene-d12	20.000	20.000	0.0	118	0.00
77		Benzidine	40.000	42.271	-5.7	88	0.00
78		Pyrene	40.000	37.404	6.5	113	0.01
79	S	Terphenyl-d14	80.000	66.399	17.0	102	0.02
80		Butylbenzylphthalate	40.000	38.401	4.0	115	0.01
81		Benzo(a)anthracene	40.000	36.950	7.6	113	0.00
82		3,3'-Dichlorobenzidine	40.000	38.038	4.9	114	0.01
83		Chrysene	40.000	37.353	6.6	115	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	38.729	3.2	119	0.00
85	c	Di-n-octyl phthalate	40.000	37.915	5.2	115	0.00
86	I	Perylene-d12	20.000	20.000	0.0	117	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	37.119	7.2	113	0.01
88		Benzo(b)fluoranthene	40.000	36.964	7.6	113	0.02
89		Benzo(k)fluoranthene	40.000	37.464	6.3	115	0.01
90	C	Benzo(a)pyrene	40.000	37.160	7.1	113	0.02
91		Dibenzo(a,h)anthracene	40.000	37.490	6.3	114	0.00
92		Benzo(g,h,i)perylene	40.000	37.216	7.0	113	0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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: **BF143596.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.: Q2936

Instrument ID: BNA_F Calibration Date/Time: 08/27/2025 09:16

Lab File ID: BF143596.D Init. Calib. Date(s): 08/26/2025 08/26/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:11 12:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.175	1.200		2.1	
Benzaldehyde	1.095	1.252		14.3	
Phenol-d6	1.455	1.474		1.3	
Phenol	1.632	1.764		8.1	20.0
bis(2-Chloroethyl)ether	1.251	1.256		0.4	
2-Chlorophenol	1.243	1.295		4.2	
2-Methylphenol	1.055	1.066		1.0	
2,2-oxybis(1-Chloropropane)	2.309	2.190		-5.2	
Acetophenone	0.450	0.451		0.2	
3+4-Methylphenols	1.296	1.370		5.7	
n-Nitroso-di-n-propylamine	0.922	0.915	0.050	-0.8	
Nitrobenzene-d5	0.280	0.318		13.6	
Hexachloroethane	0.458	0.487		6.3	
Nitrobenzene	0.300	0.351		17.0	
Isophorone	0.656	0.659		0.5	
2-Nitrophenol	0.101	0.136		34.7	20.0
2,4-Dimethylphenol	0.285	0.296		3.9	
bis(2-Chloroethoxy)methane	0.397	0.401		1.0	
2,4-Dichlorophenol	0.275	0.294		6.9	20.0
Naphthalene	0.966	0.981		1.6	
4-Chloroaniline	0.341	0.352		3.2	
Hexachlorobutadiene	0.181	0.186		2.8	20.0
Caprolactam	0.078	0.086		10.3	
4-Chloro-3-methylphenol	0.287	0.303		5.6	20.0
2-Methylnaphthalene	0.638	0.651		2.0	
Hexachlorocyclopentadiene	0.256	0.275	0.050	7.4	
2,4,6-Trichlorophenol	0.344	0.359		4.4	20.0
2-Fluorobiphenyl	1.170	1.158		-1.0	
2,4,5-Trichlorophenol	0.347	0.387		11.5	
1,1-Biphenyl	1.388	1.375		-0.9	
2-Chloronaphthalene	1.096	1.113		1.6	
2-Nitroaniline	0.247	0.328		32.8	
Dimethylphthalate	1.230	1.274		3.6	
Acenaphthylene	1.595	1.622		1.7	
2,6-Dinitrotoluene	0.163	0.229		40.5	
3-Nitroaniline	0.201	0.274		36.3	
Acenaphthene	1.045	1.066		2.0	20.0
2,4-Dinitrophenol	0.054	0.068	0.050	25.9	
4-Nitrophenol	0.182	0.219	0.050	20.3	

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.: Q2936

Instrument ID: BNA_F Calibration Date/Time: 08/27/2025 09:16

Lab File ID: BF143596.D Init. Calib. Date(s): 08/26/2025 08/26/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:11 12:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.532	1.562		2.0	
2,4-Dinitrotoluene	0.213	0.308		44.6	
Diethylphthalate	1.153	1.218		5.6	
4-Chlorophenyl-phenylether	0.562	0.566		0.7	
Fluorene	1.150	1.146		-0.3	
4-Nitroaniline	0.196	0.264		34.7	
4,6-Dinitro-2-methylphenol	0.057	0.073		28.1	
n-Nitrosodiphenylamine	0.636	0.634		-0.3	20.0
2,4,6-Tribromophenol	0.156	0.181		16.0	
4-Bromophenyl-phenylether	0.216	0.220		1.9	
Hexachlorobenzene	0.231	0.236		2.2	
Atrazine	0.183	0.197		7.7	
Pentachlorophenol	0.132	0.147		11.4	20.0
Phenanthrene	1.071	1.067		-0.4	
Anthracene	1.079	1.085		0.6	
Carbazole	0.933	0.966		3.5	
Di-n-butylphthalate	0.950	1.072		12.8	
Fluoranthene	0.978	1.026		4.9	20.0
Pyrene	1.674	1.787		6.8	
Terphenyl-d14	1.115	1.214		8.9	
Butylbenzylphthalate	0.398	0.493		23.9	
3,3-Dichlorobenzidine	0.337	0.364		8.0	
Benzo(a)anthracene	1.258	1.278		1.6	
Chrysene	1.173	1.229		4.8	
Bis(2-ethylhexyl)phthalate	0.528	0.593		12.3	
Di-n-octyl phthalate	1.017	0.974		-4.2	20.0
Benzo(b)fluoranthene	1.143	1.127		-1.4	
Benzo(k)fluoranthene	1.068	1.128		5.6	
Benzo(a)pyrene	1.010	1.052		4.2	20.0
Indeno(1,2,3-cd)pyrene	1.361	1.495		9.8	
Dibenzo(a,h)anthracene	1.114	1.224		9.9	
Benzo(g,h,i)perylene	1.103	1.199		8.7	
1,2,4,5-Tetrachlorobenzene	0.520	0.531		2.1	
1,4-Dioxane	0.575	0.578		0.5	20.0
2,3,4,6-Tetrachlorophenol	0.257	0.297		15.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	115923	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	446099	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	249607	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	402587	20.000	ng	0.00
76) Chrysene-d12	14.051	240	235836	20.000	ng	0.00
86) Perylene-d12	15.521	264	227679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	556461	81.699	ng	0.00
7) Phenol-d6	6.510	99	683534	81.026	ng	0.00
23) Nitrobenzene-d5	7.457	82	568123	90.932	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	181203	92.831	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1155930	79.179	ng	0.00
79) Terphenyl-d14	12.998	244	1144918	87.117	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	133978	40.208	ng	98
3) Pyridine	3.440	79	358456	42.840	ng	97
4) n-Nitrosodimethylamine	3.387	42	154787	38.876	ng	95
6) Aniline	6.557	93	478803	40.656	ng	99
8) 2-Chlorophenol	6.675	128	300149	41.653	ng	98
9) Benzaldehyde	6.445	77	290282	45.731	ng	99
10) Phenol	6.522	94	382065m	40.382	ng	
11) bis(2-Chloroethyl)ether	6.628	93	291150	40.158	ng	98
12) 1,3-Dichlorobenzene	6.834	146	338512	40.896	ng	99
13) 1,4-Dichlorobenzene	6.910	146	335275	40.170	ng	99
14) 1,2-Dichlorobenzene	7.063	146	318980	40.291	ng	99
15) Benzyl Alcohol	7.028	79	262507	41.521	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	507766	37.942	ng	99
17) 2-Methylphenol	7.134	107	247155	40.402	ng	99
18) Hexachloroethane	7.410	117	112931	42.583	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	212079	39.684	ng	98
20) 3+4-Methylphenols	7.287	107	317550	42.265	ng	91
22) Acetophenone	7.298	105	402494	40.063	ng	98
24) Nitrobenzene	7.475	77	312890	46.712	ng	99
25) Isophorone	7.710	82	588016	40.217	ng	100
26) 2-Nitrophenol	7.787	139	121681	45.257	ng	99
27) 2,4-Dimethylphenol	7.816	122	264156	41.524	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	358118	40.484	ng	100
29) 2,4-Dichlorophenol	8.022	162	262199	42.779	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	264008	41.254	ng	99
31) Naphthalene	8.198	128	875202	40.607	ng	99
32) Benzoic acid	7.910	122	137557	43.721	ng	96
33) 4-Chloroaniline	8.239	127	314477	41.301	ng	99
34) Hexachlorobutadiene	8.316	225	165584	41.062	ng	99
35) Caprolactam	8.610	113	77172	44.319	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	270157	42.159	ng	99
37) 2-Methylnaphthalene	8.886	142	580714	40.799	ng	99
38) 1-Methylnaphthalene	8.986	142	562020	40.913	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	264898	40.801	ng	98
41) Hexachlorocyclopentadiene	9.039	237	137223	42.964	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	179121	41.751	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

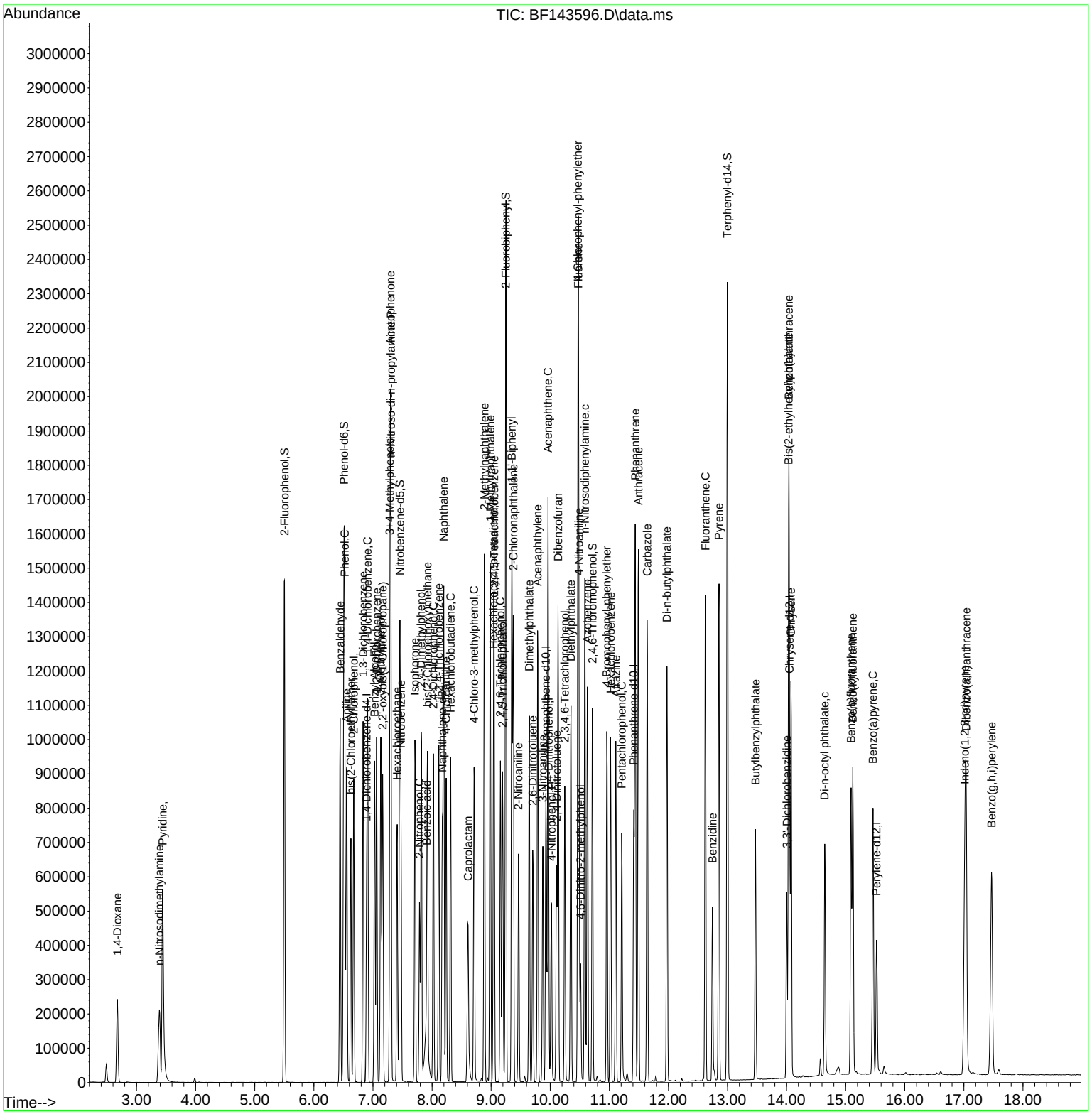
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	193124	44.549	ng		99
46) 1,1'-Biphenyl	9.351	154	686435	39.634	ng		99
47) 2-Chloronaphthalene	9.375	162	555641	40.613	ng		99
48) 2-Nitroaniline	9.463	65	163988	43.589	ng		98
49) Acenaphthylene	9.786	152	809737	40.678	ng		99
50) Dimethylphthalate	9.645	163	636027	41.427	ng		100
51) 2,6-Dinitrotoluene	9.704	165	114167	44.643	ng		99
52) Acenaphthene	9.963	154	532271	40.821	ng		99
53) 3-Nitroaniline	9.875	138	136751	45.175	ng	#	98
54) 2,4-Dinitrophenol	9.975	184	34191	45.529	ng	#	27
55) Dibenzofuran	10.133	168	779941	40.798	ng		99
56) 4-Nitrophenol	10.022	139	109464	43.975	ng		98
57) 2,4-Dinitrotoluene	10.110	165	153817	45.684	ng		97
58) Fluorene	10.475	166	572204	39.866	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	148295	46.269	ng		99
60) Diethylphthalate	10.351	149	607854	42.247	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	282649	40.265	ng		99
62) 4-Nitroaniline	10.486	138	131575	46.227	ng		98
63) Azobenzene	10.628	77	598241	41.009	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	59083	45.069	ng		92
66) n-Nitrosodiphenylamine	10.586	169	510385	39.857	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	176974	40.641	ng		96
68) Hexachlorobenzene	11.022	284	190212	40.837	ng		97
69) Atrazine	11.110	200	158566	43.078	ng		100
70) Pentachlorophenol	11.210	266	118542	44.544	ng		100
71) Phenanthrene	11.439	178	859003	39.851	ng		100
72) Anthracene	11.492	178	873931	40.232	ng		100
73) Carbazole	11.639	167	777810	41.423	ng		99
74) Di-n-butylphthalate	11.975	149	863394	45.144	ng		100
75) Fluoranthene	12.627	202	826266	41.982	ng		98
77) Benzidine	12.745	184	267324	49.234	ng		99
78) Pyrene	12.857	202	842894	42.706	ng		100
80) Butylbenzylphthalate	13.474	149	232746	42.234	ng		98
81) Benzo(a)anthracene	14.039	228	602700	40.621	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	171725	43.169	ng		98
83) Chrysene	14.074	228	579917	41.939	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	279680	39.368	ng		99
85) Di-n-octyl phthalate	14.645	149	459386	35.945	ng		98
87) Indeno(1,2,3-cd)pyrene	17.015	276	680968	43.961	ng		99
88) Benzo(b)fluoranthene	15.092	252	513211	39.451	ng		100
89) Benzo(k)fluoranthene	15.121	252	513447	42.213	ng		100
90) Benzo(a)pyrene	15.463	252	478931	41.668	ng		100
91) Dibenzo(a,h)anthracene	17.039	278	557476	43.972	ng		99
92) Benzo(g,h,i)perylene	17.468	276	545942	43.496	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration



Sample Results: **BF143596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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	74	0.00
2		1,4-Dioxane	0.575	0.578	-0.5	75	0.00
3		Pyridine	1.444	1.546	-7.1	76	0.00
4		n-Nitrosodimethylamine	0.687	0.668	2.8	71	0.00
5	S	2-Fluorophenol	1.175	1.200	-2.1	77	0.00
6		Aniline	2.032	2.065	-1.6	77	0.00
7	S	Phenol-d6	1.455	1.474	-1.3	76	0.00
8		2-Chlorophenol	1.243	1.295	-4.2	77	0.00
9		Benzaldehyde	1.095	1.252	-14.3	76	0.00
10	C	Phenol	1.632	1.648	-1.0	77	0.00
11		bis(2-Chloroethyl)ether	1.251	1.256	-0.4	76	0.00
12		1,3-Dichlorobenzene	1.428	1.460	-2.2	78	0.00
13	C	1,4-Dichlorobenzene	1.440	1.446	-0.4	76	0.00
14		1,2-Dichlorobenzene	1.366	1.376	-0.7	77	0.00
15		Benzyl Alcohol	1.091	1.132	-3.8	77	0.00
16		2,2'-oxybis(1-Chloropropane	2.309	2.190	5.2	73	0.00
17		2-Methylphenol	1.055	1.066	-1.0	76	0.00
18		Hexachloroethane	0.458	0.487	-6.3	78	0.00
19	P	n-Nitroso-di-n-propylamine	0.922	0.915	0.8	77	0.00
20		3+4-Methylphenols	1.296	1.370	-5.7	78	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	75	0.00
22		Acetophenone	0.450	0.451	-0.2	78	0.00
23	S	Nitrobenzene-d5	0.280	0.318	-13.6	82	0.00
24		Nitrobenzene	0.300	0.351	-17.0	80	0.00
25		Isophorone	0.656	0.659	-0.5	77	0.00
26	C	2-Nitrophenol	0.101	0.136	-34.7#	90	0.00
27		2,4-Dimethylphenol	0.285	0.296	-3.9	78	0.00
28		bis(2-Chloroethoxy)methane	0.397	0.401	-1.0	79	0.00
29	C	2,4-Dichlorophenol	0.275	0.294	-6.9	78	0.00
30		1,2,4-Trichlorobenzene	0.287	0.296	-3.1	79	0.00
31		Naphthalene	0.966	0.981	-1.6	79	0.00
32		Benzoic acid	0.126	0.154	-22.2	93	-0.01
33		4-Chloroaniline	0.341	0.352	-3.2	79	0.00
34	C	Hexachlorobutadiene	0.181	0.186	-2.8	79	0.00
35		Caprolactam	0.078	0.086	-10.3	83	0.00
36	C	4-Chloro-3-methylphenol	0.287	0.303	-5.6	79	0.00
37		2-Methylnaphthalene	0.638	0.651	-2.0	80	0.00
38		1-Methylnaphthalene	0.616	0.630	-2.3	79	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	78	0.00
40		1,2,4,5-Tetrachlorobenzene	0.520	0.531	-2.1	82	0.00
41	P	Hexachlorocyclopentadiene	0.256	0.275	-7.4	82	0.00
42	S	2,4,6-Tribromophenol	0.156	0.181	-16.0	88	0.00
43	C	2,4,6-Trichlorophenol	0.344	0.359	-4.4	75	0.00
44		2,4,5-Trichlorophenol	0.347	0.387	-11.5	86	0.00
45	S	2-Fluorobiphenyl	1.170	1.158	1.0	81	0.00
46		1,1'-Biphenyl	1.388	1.375	0.9	79	0.00
47		2-Chloronaphthalene	1.096	1.113	-1.6	80	0.00

Sample Results: **BF143596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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	0.247	0.328	-32.8#	90	0.00
49		Acenaphthylene	1.595	1.622	-1.7	82	0.00
50		Dimethylphthalate	1.230	1.274	-3.6	83	0.00
51		2,6-Dinitrotoluene	0.163	0.229	-40.5#	95	0.00
52	C	Acenaphthene	1.045	1.066	-2.0	82	0.00
53		3-Nitroaniline	0.201	0.274	-36.3#	92	0.00
54	P	2,4-Dinitrophenol	0.054	0.068	-25.9#	107	0.00
55		Dibenzofuran	1.532	1.562	-2.0	83	0.00
56	P	4-Nitrophenol	0.182	0.219	-20.3	91	0.00
57		2,4-Dinitrotoluene	0.213	0.308	-44.6#	98	0.00
58		Fluorene	1.150	1.146	0.3	83	0.00
59		2,3,4,6-Tetrachlorophenol	0.257	0.297	-15.6	86	0.00
60		Diethylphthalate	1.153	1.218	-5.6	86	0.00
61		4-Chlorophenyl-phenylether	0.562	0.566	-0.7	83	0.00
62		4-Nitroaniline	0.196	0.264	-34.7#	97	0.00
63		Azobenzene	1.169	1.198	-2.5	83	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	84	0.00
65		4,6-Dinitro-2-methylphenol	0.057	0.073	-28.1#	107	0.00
66	c	n-Nitrosodiphenylamine	0.636	0.634	0.3	84	0.00
67		4-Bromophenyl-phenylether	0.216	0.220	-1.9	84	0.00
68		Hexachlorobenzene	0.231	0.236	-2.2	87	0.00
69		Atrazine	0.183	0.197	-7.7	91	0.00
70	C	Pentachlorophenol	0.132	0.147	-11.4	89	0.00
71		Phenanthrene	1.071	1.067	0.4	86	0.00
72		Anthracene	1.079	1.085	-0.6	88	0.00
73		Carbazole	0.933	0.966	-3.5	91	0.00
74		Di-n-butylphthalate	0.950	1.072	-12.8	98	0.00
75	C	Fluoranthene	0.978	1.026	-4.9	96	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	86	0.00
77		Benzidine	0.460	0.567	-23.3	91	0.00
78		Pyrene	1.674	1.787	-6.8	96	0.00
79	S	Terphenyl-d14	1.115	1.214	-8.9	100	0.00
80		Butylbenzylphthalate	0.398	0.493	-23.9	93	0.00
81		Benzo(a)anthracene	1.258	1.278	-1.6	88	0.00
82		3,3'-Dichlorobenzidine	0.337	0.364	-8.0	84	0.00
83		Chrysene	1.173	1.229	-4.8	94	0.00
84		Bis(2-ethylhexyl)phthalate	0.528	0.593	-12.3	81	0.00
85	c	Di-n-octyl phthalate	1.017	0.974	4.2	72	0.00
86	I	Perylene-d12	1.000	1.000	0.0	68	0.00
87		Indeno(1,2,3-cd)pyrene	1.361	1.495	-9.8	71	-0.01
88		Benzo(b)fluoranthene	1.143	1.127	1.4	73	0.00
89		Benzo(k)fluoranthene	1.068	1.128	-5.6	72	0.00
90	C	Benzo(a)pyrene	1.010	1.052	-4.2	69	0.00
91		Dibenzo(a,h)anthracene	1.114	1.224	-9.9	72	-0.01
92		Benzo(g,h,i)perylene	1.103	1.199	-8.7	71	-0.02

Sample Results: **BF143596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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 = 1

Sample Results: **BF143596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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	74	0.00
2		1,4-Dioxane	40.000	40.208	-0.5	75	0.00
3		Pyridine	40.000	42.840	-7.1	76	0.00
4		n-Nitrosodimethylamine	40.000	38.876	2.8	71	0.00
5	S	2-Fluorophenol	80.000	81.699	-2.1	77	0.00
6		Aniline	40.000	40.656	-1.6	77	0.00
7	S	Phenol-d6	80.000	81.026	-1.3	76	0.00
8		2-Chlorophenol	40.000	41.653	-4.1	77	0.00
9		Benzaldehyde	40.000	45.731	-14.3	76	0.00
10	C	Phenol	40.000	40.382	-1.0	77	0.00
11		bis(2-Chloroethyl)ether	40.000	40.158	-0.4	76	0.00
12		1,3-Dichlorobenzene	40.000	40.896	-2.2	78	0.00
13	C	1,4-Dichlorobenzene	40.000	40.170	-0.4	76	0.00
14		1,2-Dichlorobenzene	40.000	40.291	-0.7	77	0.00
15		Benzyl Alcohol	40.000	41.521	-3.8	77	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.942	5.1	73	0.00
17		2-Methylphenol	40.000	40.402	-1.0	76	0.00
18		Hexachloroethane	40.000	42.583	-6.5	78	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.684	0.8	77	0.00
20		3+4-Methylphenols	40.000	42.265	-5.7	78	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	75	0.00
22		Acetophenone	40.000	40.063	-0.2	78	0.00
23	S	Nitrobenzene-d5	80.000	90.932	-13.7	82	0.00
24		Nitrobenzene	40.000	46.712	-16.8	80	0.00
25		Isophorone	40.000	40.217	-0.5	77	0.00
26	C	2-Nitrophenol	40.000	45.257	-13.1	90	0.00
27		2,4-Dimethylphenol	40.000	41.524	-3.8	78	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.484	-1.2	79	0.00
29	C	2,4-Dichlorophenol	40.000	42.779	-6.9	78	0.00
30		1,2,4-Trichlorobenzene	40.000	41.254	-3.1	79	0.00
31		Naphthalene	40.000	40.607	-1.5	79	0.00
32		Benzoic acid	40.000	43.721	-9.3	93	-0.01
33		4-Chloroaniline	40.000	41.301	-3.3	79	0.00
34	C	Hexachlorobutadiene	40.000	41.062	-2.7	79	0.00
35		Caprolactam	40.000	44.319	-10.8	83	0.00
36	C	4-Chloro-3-methylphenol	40.000	42.159	-5.4	79	0.00
37		2-Methylnaphthalene	40.000	40.799	-2.0	80	0.00
38		1-Methylnaphthalene	40.000	40.913	-2.3	79	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	78	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.801	-2.0	82	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.964	-7.4	82	0.00
42	S	2,4,6-Tribromophenol	80.000	92.831	-16.0	88	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.751	-4.4	75	0.00
44		2,4,5-Trichlorophenol	40.000	44.549	-11.4	86	0.00
45	S	2-Fluorobiphenyl	80.000	79.179	1.0	81	0.00
46		1,1'-Biphenyl	40.000	39.634	0.9	79	0.00
47		2-Chloronaphthalene	40.000	40.613	-1.5	80	0.00

Sample Results: **BF143596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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	43.589	-9.0	90	0.00
49		Acenaphthylene	40.000	40.678	-1.7	82	0.00
50		Dimethylphthalate	40.000	41.427	-3.6	83	0.00
51		2,6-Dinitrotoluene	40.000	44.643	-11.6	95	0.00
52	C	Acenaphthene	40.000	40.821	-2.1	82	0.00
53		3-Nitroaniline	40.000	45.175	-12.9	92	0.00
54	P	2,4-Dinitrophenol	40.000	45.529	-13.8	107	0.00
55		Dibenzofuran	40.000	40.798	-2.0	83	0.00
56	P	4-Nitrophenol	40.000	43.975	-9.9	91	0.00
57		2,4-Dinitrotoluene	40.000	45.684	-14.2	98	0.00
58		Fluorene	40.000	39.866	0.3	83	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	46.269	-15.7	86	0.00
60		Diethylphthalate	40.000	42.247	-5.6	86	0.00
61		4-Chlorophenyl-phenylether	40.000	40.265	-0.7	83	0.00
62		4-Nitroaniline	40.000	46.227	-15.6	97	0.00
63		Azobenzene	40.000	41.009	-2.5	83	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	84	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.069	-12.7	107	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.857	0.4	84	0.00
67		4-Bromophenyl-phenylether	40.000	40.641	-1.6	84	0.00
68		Hexachlorobenzene	40.000	40.837	-2.1	87	0.00
69		Atrazine	40.000	43.078	-7.7	91	0.00
70	C	Pentachlorophenol	40.000	44.544	-11.4	89	0.00
71		Phenanthrene	40.000	39.851	0.4	86	0.00
72		Anthracene	40.000	40.232	-0.6	88	0.00
73		Carbazole	40.000	41.423	-3.6	91	0.00
74		Di-n-butylphthalate	40.000	45.144	-12.9	98	0.00
75	C	Fluoranthene	40.000	41.982	-5.0	96	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	86	0.00
77		Benzidine	40.000	49.234	-23.1	91	0.00
78		Pyrene	40.000	42.706	-6.8	96	0.00
79	S	Terphenyl-d14	80.000	87.117	-8.9	100	0.00
80		Butylbenzylphthalate	40.000	42.234	-5.6	93	0.00
81		Benzo(a)anthracene	40.000	40.621	-1.6	88	0.00
82		3,3'-Dichlorobenzidine	40.000	43.169	-7.9	84	0.00
83		Chrysene	40.000	41.939	-4.8	94	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.368	1.6	81	0.00
85	c	Di-n-octyl phthalate	40.000	35.945	10.1	72	0.00
86	I	Perylene-d12	20.000	20.000	0.0	68	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	43.961	-9.9	71	-0.01
88		Benzo(b)fluoranthene	40.000	39.451	1.4	73	0.00
89		Benzo(k)fluoranthene	40.000	42.213	-5.5	72	0.00
90	C	Benzo(a)pyrene	40.000	41.668	-4.2	69	0.00
91		Dibenzo(a,h)anthracene	40.000	43.972	-9.9	72	-0.01
92		Benzo(g,h,i)perylene	40.000	43.496	-8.7	71	-0.02

Sample Results: **BF143596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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: **BP025544.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2936

Instrument ID: BNA_P Calibration Date/Time: 08/22/2025 10:49

Lab File ID: BP025544.D Init. Calib. Date(s): 08/14/2025 08/14/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.201		-0.2	
Benzaldehyde	1.082	1.377		27.3	
Phenol-d6	1.544	1.586		2.7	
Phenol	1.620	1.656		2.2	20.0
bis(2-Chloroethyl)ether	1.263	1.266		0.2	
2-Chlorophenol	1.359	1.376		1.3	
2-Methylphenol	1.125	1.147		2.0	
2,2-oxybis(1-Chloropropane)	1.692	1.738		2.7	
Acetophenone	0.502	0.494		-1.6	
3+4-Methylphenols	1.560	1.584		1.5	
n-Nitroso-di-n-propylamine	1.023	1.030	0.050	0.7	
Nitrobenzene-d5	0.395	0.396		0.3	
Hexachloroethane	0.563	0.554		-1.6	
Nitrobenzene	0.353	0.357		1.1	
Isophorone	0.700	0.697		-0.4	
2-Nitrophenol	0.181	0.184		1.7	20.0
2,4-Dimethylphenol	0.312	0.307		-1.6	
bis(2-Chloroethoxy)methane	0.423	0.416		-1.7	
2,4-Dichlorophenol	0.310	0.307		-1.0	20.0
Naphthalene	1.040	1.006		-3.3	
4-Chloroaniline	0.459	0.460		0.2	
Hexachlorobutadiene	0.211	0.200		-5.2	20.0
Caprolactam	0.114	0.124		8.8	
4-Chloro-3-methylphenol	0.355	0.364		2.5	20.0
2-Methylnaphthalene	0.676	0.652		-3.5	
Hexachlorocyclopentadiene	0.349	0.397	0.050	13.8	
2,4,6-Trichlorophenol	0.390	0.387		-0.8	20.0
2-Fluorobiphenyl	1.463	1.364		-6.8	
2,4,5-Trichlorophenol	0.427	0.430		0.7	
1,1-Biphenyl	1.453	1.392		-4.2	
2-Chloronaphthalene	1.131	1.080		-4.5	
2-Nitroaniline	0.329	0.351		6.7	
Dimethylphthalate	1.465	1.455		-0.7	
Acenaphthylene	1.871	1.834		-2.0	
2,6-Dinitrotoluene	0.309	0.324		4.9	
3-Nitroaniline	0.347	0.370		6.6	
Acenaphthene	1.098	1.042		-5.1	20.0
2,4-Dinitrophenol	0.165	0.228	0.050	38.2	
4-Nitrophenol	0.285	0.311	0.050	9.1	

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.: Q2936

Instrument ID: BNA_P Calibration Date/Time: 08/22/2025 10:49

Lab File ID: BP025544.D Init. Calib. Date(s): 08/14/2025 08/14/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.669		-3.9	
2,4-Dinitrotoluene	0.440	0.471		7.0	
Diethylphthalate	1.488	1.520		2.2	
4-Chlorophenyl-phenylether	0.681	0.653		-4.1	
Fluorene	1.370	1.350		-1.5	
4-Nitroaniline	0.356	0.382		7.3	
4,6-Dinitro-2-methylphenol	0.125	0.146		16.8	
n-Nitrosodiphenylamine	0.610	0.590		-3.3	20.0
2,4,6-Tribromophenol	0.269	0.273		1.5	
4-Bromophenyl-phenylether	0.220	0.209		-5.0	
Hexachlorobenzene	0.255	0.238		-6.7	
Atrazine	0.228	0.228		0.0	
Pentachlorophenol	0.161	0.169		5.0	20.0
Phenanthrene	1.099	1.058		-3.7	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.064		0.7	
Di-n-butylphthalate	1.300	1.314		1.1	
Fluoranthene	1.311	1.296		-1.1	20.0
Pyrene	1.300	1.255		-3.5	
Terphenyl-d14	1.093	1.041		-4.8	
Butylbenzylphthalate	0.589	0.607		3.1	
3,3-Dichlorobenzidine	0.497	0.497		0.0	
Benzo(a)anthracene	1.319	1.273		-3.5	
Chrysene	1.235	1.201		-2.8	
Bis(2-ethylhexyl)phthalate	0.867	0.866		-0.1	
Di-n-octyl phthalate	1.492	1.541		3.3	20.0
Benzo(b)fluoranthene	1.179	1.115		-5.4	
Benzo(k)fluoranthene	1.180	1.139		-3.5	
Benzo(a)pyrene	1.148	1.107		-3.6	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.402		-4.4	
Dibenzo(a,h)anthracene	1.199	1.138		-5.1	
Benzo(g,h,i)perylene	1.178	1.141		-3.1	
1,2,4,5-Tetrachlorobenzene	0.578	0.548		-5.2	
1,4-Dioxane	0.472	0.461		-2.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.381		1.1	

All other compounds must meet a minimum RRF of 0.010.

Sample Results: **BP025544.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 22 15:31:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/25/2025
Supervised By :Jagrut Upadhyay

08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.778	152	137158	20.000	ng		-0.02
21) Naphthalene-d8	10.548	136	591885	20.000	ng		-0.01
39) Acenaphthene-d10	14.389	164	400784	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	833863	20.000	ng		-0.01
76) Chrysene-d12	21.624	240	897419	20.000	ng		-0.02
86) Perylene-d12	24.989	264	1034534	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.396	112	658889	79.778	ng		-0.01
7) Phenol-d6	6.960	99	870194	82.181	ng		0.00
23) Nitrobenzene-d5	8.919	82	936572	80.044	ng		-0.02
42) 2,4,6-Tribromophenol	15.901	330	437400	81.081	ng		-0.01
45) 2-Fluorobiphenyl	13.007	172	2187133	74.582	ng		-0.01
79) Terphenyl-d14	19.919	244	3735539	76.157	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	126565	39.123	ng		98
3) Pyridine	3.719	79	352441	39.803	ng		95
4) n-Nitrosodimethylamine	3.625	42	156699	42.925	ng		95
6) Aniline	7.113	93	584678	40.982	ng		98
8) 2-Chlorophenol	7.354	128	377480	40.502	ng		98
9) Benzaldehyde	6.931	77	377761	50.920	ng		97
10) Phenol	6.990	94	454392	40.896	ng		99
11) bis(2-Chloroethyl)ether	7.207	93	347308	40.104	ng		100
12) 1,3-Dichlorobenzene	7.672	146	403624	39.275	ng		99
13) 1,4-Dichlorobenzene	7.813	146	408744	38.913	ng		100
14) 1,2-Dichlorobenzene	8.131	146	395076	38.855	ng		99
15) Benzyl Alcohol	8.013	79	350420	41.650	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.296	45	476882	41.106	ng		98
17) 2-Methylphenol	8.219	107	314755	40.788	ng		99
18) Hexachloroethane	8.848	117	152108	39.385	ng		97
19) n-Nitroso-di-n-propyla...	8.572	70	282550	40.285	ng		97
20) 3+4-Methylphenols	8.537	107	434634	40.633	ng		99
22) Acetophenone	8.590	105	584402	39.371	ng	#	98
24) Nitrobenzene	8.960	77	423141	40.465	ng		98
25) Isophorone	9.484	82	825151	39.849	ng		98
26) 2-Nitrophenol	9.666	139	217690	40.564	ng		98
27) 2,4-Dimethylphenol	9.731	122	362942	39.326	ng		99
28) bis(2-Chloroethoxy)met...	9.954	93	492540	39.349	ng		98
29) 2,4-Dichlorophenol	10.201	162	362953	39.589	ng		98
30) 1,2,4-Trichlorobenzene	10.413	180	377852	37.597	ng		99
31) Naphthalene	10.595	128	1190906	38.712	ng		99
32) Benzoic acid	9.866	122	287794	42.238	ng		98
33) 4-Chloroaniline	10.701	127	544082	40.039	ng		99
34) Hexachlorobutadiene	10.884	225	236313	37.756	ng		99
35) Caprolactam	11.484	113	146444	43.562	ng		98
36) 4-Chloro-3-methylphenol	11.825	107	430943	40.964	ng		97
37) 2-Methylnaphthalene	12.201	142	772294	38.576	ng		98
38) 1-Methylnaphthalene	12.425	142	814475	38.255	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	438884	37.916	ng		100
41) Hexachlorocyclopentadiene	12.548	237	318513	45.555	ng		99
43) 2,4,6-Trichlorophenol	12.813	196	310241	39.701	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 22 15:31:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/25/2025

Supervised By :Jagrut Upadhyay

08/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	344858	40.266	ng	98
46) 1,1'-Biphenyl	13.213	154	1115829	38.335	ng	99
47) 2-Chloronaphthalene	13.254	162	865951	38.216	ng	99
48) 2-Nitroaniline	13.454	65	281688	42.664	ng	99
49) Acenaphthylene	14.107	152	1469952	39.203	ng	99
50) Dimethylphthalate	13.836	163	1166302	39.739	ng	100
51) 2,6-Dinitrotoluene	13.954	165	259388	41.932	ng	96
52) Acenaphthene	14.454	154	835227	37.949	ng	100
53) 3-Nitroaniline	14.289	138	296205	42.560	ng	97
54) 2,4-Dinitrophenol	14.495	184	183023	55.404	ng	99
55) Dibenzofuran	14.795	168	1337680	38.443	ng	100
56) 4-Nitrophenol	14.613	139	249157	43.566	ng	93
57) 2,4-Dinitrotoluene	14.754	165	377588	42.783	ng	99
58) Fluorene	15.454	166	1082057	39.409	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.031	232	305718	40.427	ng	99
60) Diethylphthalate	15.219	149	1218314	40.853	ng	100
61) 4-Chlorophenyl-phenyle...	15.442	204	523765	38.356	ng	96
62) 4-Nitroaniline	15.466	138	305995	42.887	ng	96
63) Azobenzene	15.742	77	1061331	41.564	ng	98
65) 4,6-Dinitro-2-methylph...	15.531	198	243063	46.762	ng	92
66) n-Nitrosodiphenylamine	15.666	169	983453	38.676	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	349351	38.093	ng	96
68) Hexachlorobenzene	16.477	284	397731	37.412	ng	98
69) Atrazine	16.642	200	380917	40.001	ng	99
70) Pentachlorophenol	16.830	266	281816	41.994	ng	97
71) Phenanthrene	17.230	178	1765274	38.537	ng	99
72) Anthracene	17.325	178	1855981	39.676	ng	99
73) Carbazole	17.607	167	1774697	40.278	ng	99
74) Di-n-butylphthalate	18.195	149	2191310	40.423	ng	100
75) Fluoranthene	19.319	202	2161458	39.558	ng	99
77) Benzidine	19.513	184	1361472	44.453	ng	99
78) Pyrene	19.689	202	2251793	38.605	ng	100
80) Butylbenzylphthalate	20.642	149	1089684	41.220	ng	97
81) Benzo(a)anthracene	21.601	228	2284044	38.592	ng	99
82) 3,3'-Dichlorobenzidine	21.524	252	892356	40.001	ng	99
83) Chrysene	21.677	228	2156183	38.902	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1553607	39.923	ng	100
85) Di-n-octyl phthalate	22.836	149	2766119	41.326	ng	98
87) Indeno(1,2,3-cd)pyrene	28.824	276	2900566m	38.231	ng	
88) Benzo(b)fluoranthene	23.936	252	2306180	37.804	ng	99
89) Benzo(k)fluoranthene	24.001	252	2356963	38.610	ng	100
90) Benzo(a)pyrene	24.836	252	2290273	38.568	ng	99
91) Dibenzo(a,h)anthracene	28.895	278	2355175	37.987	ng	98
92) Benzo(g,h,i)perylene	30.000	276	2361222	38.743	ng	98

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

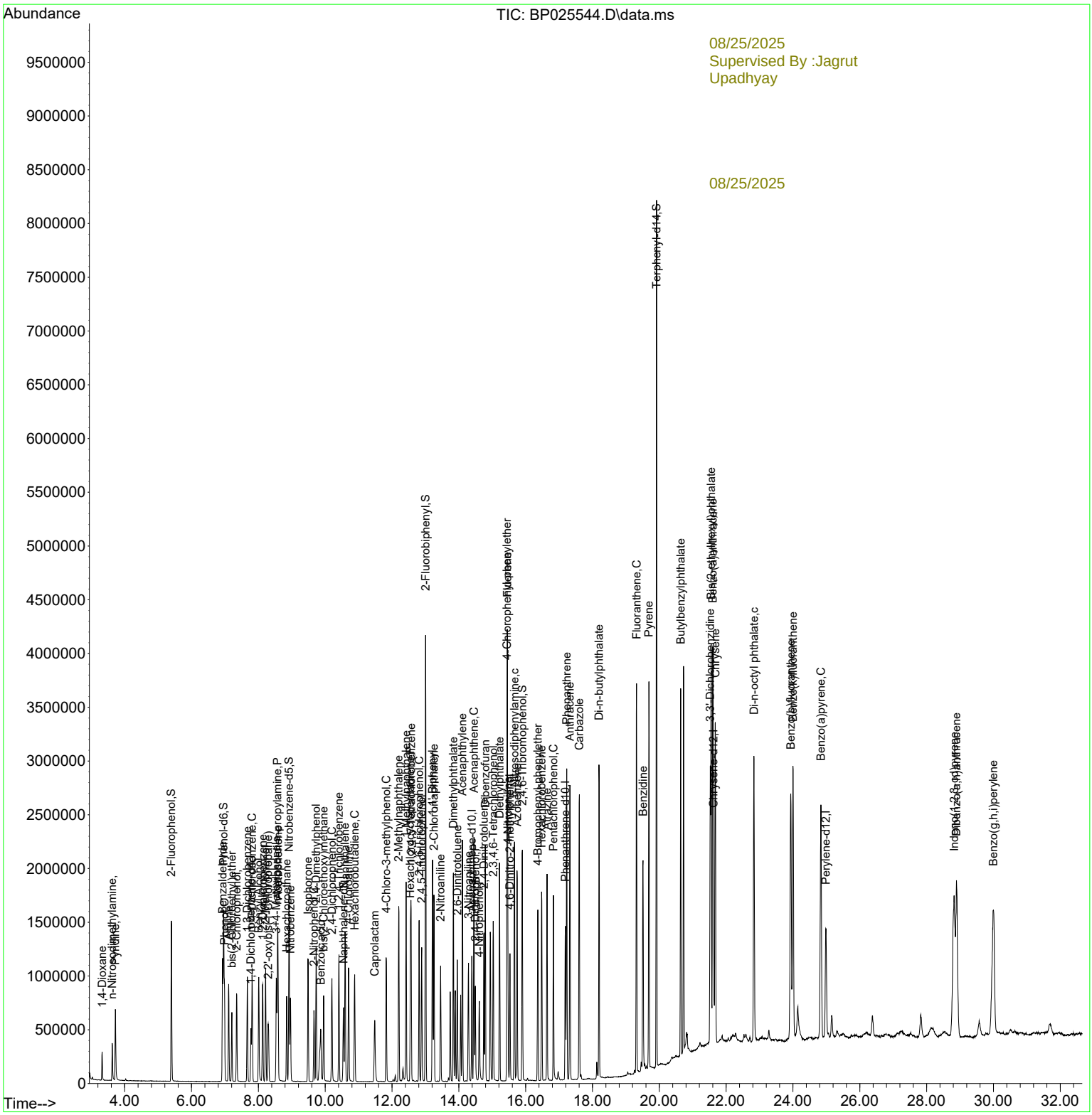
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 22 15:31:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli



Sample Results: **BP025544.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 15:31:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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	87	-0.02
2		1,4-Dioxane	0.472	0.461	2.3	90	-0.01
3		Pyridine	1.291	1.285	0.5	92	-0.01
4		n-Nitrosodimethylamine	0.532	0.571	-7.3	97	-0.01
5	S	2-Fluorophenol	1.204	1.201	0.2	90	-0.01
6		Aniline	2.080	2.131	-2.5	92	-0.01
7	S	Phenol-d6	1.544	1.586	-2.7	91	0.00
8		2-Chlorophenol	1.359	1.376	-1.3	91	-0.01
9		Benzaldehyde	1.082	1.377	-27.3#	88	-0.01
10	C	Phenol	1.620	1.656	-2.2	91	0.00
11		bis(2-Chloroethyl)ether	1.263	1.266	-0.2	90	-0.01
12		1,3-Dichlorobenzene	1.499	1.471	1.9	89	-0.01
13	C	1,4-Dichlorobenzene	1.532	1.490	2.7	88	-0.02
14		1,2-Dichlorobenzene	1.483	1.440	2.9	88	-0.01
15		Benzyl Alcohol	1.227	1.277	-4.1	93	-0.01
16		2,2'-oxybis(1-Chloropropane	1.692	1.738	-2.7	93	-0.02
17		2-Methylphenol	1.125	1.147	-2.0	90	0.00
18		Hexachloroethane	0.563	0.554	1.6	88	-0.02
19	P	n-Nitroso-di-n-propylamine	1.023	1.030	-0.7	90	-0.02
20		3+4-Methylphenols	1.560	1.584	-1.5	90	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	89	-0.01
22		Acetophenone	0.502	0.494	1.6	91	-0.01
23	S	Nitrobenzene-d5	0.395	0.396	-0.3	92	-0.02
24		Nitrobenzene	0.353	0.357	-1.1	93	-0.01
25		Isophorone	0.700	0.697	0.4	92	-0.02
26	C	2-Nitrophenol	0.181	0.184	-1.7	91	-0.01
27		2,4-Dimethylphenol	0.312	0.307	1.6	89	-0.01
28		bis(2-Chloroethoxy)methane	0.423	0.416	1.7	91	-0.02
29	C	2,4-Dichlorophenol	0.310	0.307	1.0	90	-0.01
30		1,2,4-Trichlorobenzene	0.340	0.319	6.2	87	-0.01
31		Naphthalene	1.040	1.006	3.3	90	-0.02
32		Benzoic acid	0.230	0.243	-5.7	96	0.00
33		4-Chloroaniline	0.459	0.460	-0.2	91	-0.01
34	C	Hexachlorobutadiene	0.211	0.200	5.2	87	-0.02
35		Caprolactam	0.114	0.124	-8.8	101	-0.01
36	C	4-Chloro-3-methylphenol	0.355	0.364	-2.5	94	-0.01
37		2-Methylnaphthalene	0.676	0.652	3.6	89	-0.02
38		1-Methylnaphthalene	0.719	0.688	4.3	90	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	91	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.578	0.548	5.2	89	-0.02
41	P	Hexachlorocyclopentadiene	0.349	0.397	-13.8	104	-0.02
42	S	2,4,6-Tribromophenol	0.269	0.273	-1.5	94	-0.01
43	C	2,4,6-Trichlorophenol	0.390	0.387	0.8	92	-0.01
44		2,4,5-Trichlorophenol	0.427	0.430	-0.7	92	0.00
45	S	2-Fluorobiphenyl	1.463	1.364	6.8	89	-0.01
46		1,1'-Biphenyl	1.453	1.392	4.2	90	-0.02
47		2-Chloronaphthalene	1.131	1.080	4.5	89	-0.02

Sample Results: **BP025544.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 15:31:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.329	0.351	-6.7	97	-0.02
49		Acenaphthylene	1.871	1.834	2.0	92	-0.02
50		Dimethylphthalate	1.465	1.455	0.7	94	-0.02
51		2,6-Dinitrotoluene	0.309	0.324	-4.9	95	-0.01
52	C	Acenaphthene	1.098	1.042	5.1	91	-0.01
53		3-Nitroaniline	0.347	0.370	-6.6	98	-0.01
54	P	2,4-Dinitrophenol	0.165	0.228	-38.2#	127	-0.01
55		Dibenzofuran	1.736	1.669	3.9	90	-0.01
56	P	4-Nitrophenol	0.285	0.311	-9.1	101	0.00
57		2,4-Dinitrotoluene	0.440	0.471	-7.0	98	-0.01
58		Fluorene	1.370	1.350	1.5	94	-0.01
59		2,3,4,6-Tetrachlorophenol	0.377	0.381	-1.1	94	0.00
60		Diethylphthalate	1.488	1.520	-2.2	96	-0.02
61		4-Chlorophenyl-phenylether	0.681	0.653	4.1	91	-0.02
62		4-Nitroaniline	0.356	0.382	-7.3	99	-0.01
63		Azobenzene	1.274	1.324	-3.9	97	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	94	-0.01
65		4,6-Dinitro-2-methylphenol	0.125	0.146	-16.8	112	-0.01
66	c	n-Nitrosodiphenylamine	0.610	0.590	3.3	94	-0.01
67		4-Bromophenyl-phenylether	0.220	0.209	5.0	93	0.00
68		Hexachlorobenzene	0.255	0.238	6.7	93	-0.01
69		Atrazine	0.228	0.228	0.0	99	-0.01
70	C	Pentachlorophenol	0.161	0.169	-5.0	101	-0.01
71		Phenanthrene	1.099	1.058	3.7	96	-0.01
72		Anthracene	1.122	1.113	0.8	97	-0.01
73		Carbazole	1.057	1.064	-0.7	100	0.00
74		Di-n-butylphthalate	1.300	1.314	-1.1	100	-0.01
75	C	Fluoranthene	1.311	1.296	1.1	99	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	100	-0.02
77		Benzidine	0.683	0.759	-11.1	78	0.00
78		Pyrene	1.300	1.255	3.5	98	-0.01
79	S	Terphenyl-d14	1.093	1.041	4.8	99	0.00
80		Butylbenzylphthalate	0.589	0.607	-3.1	105	0.00
81		Benzo(a)anthracene	1.319	1.273	3.5	100	-0.03
82		3,3'-Dichlorobenzidine	0.497	0.497	0.0	102	-0.02
83		Chrysene	1.235	1.201	2.8	101	-0.02
84		Bis(2-ethylhexyl)phthalate	0.867	0.866	0.1	104	-0.03
85	c	Di-n-octyl phthalate	1.492	1.541	-3.3	106	-0.04
86	I	Perylene-d12	1.000	1.000	0.0	101	-0.04
87		Indeno(1,2,3-cd)pyrene	1.467	1.402	4.4	101	-0.04
88		Benzo(b)fluoranthene	1.179	1.115	5.4	99	-0.02
89		Benzo(k)fluoranthene	1.180	1.139	3.5	102	-0.03
90	C	Benzo(a)pyrene	1.148	1.107	3.6	101	-0.02
91		Dibenzo(a,h)anthracene	1.199	1.138	5.1	100	-0.06
92		Benzo(g,h,i)perylene	1.178	1.141	3.1	101	-0.06

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 15:31:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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: **BP025544.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 15:31:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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	87	-0.02
2		1,4-Dioxane	40.000	39.123	2.2	90	-0.01
3		Pyridine	40.000	39.803	0.5	92	-0.01
4		n-Nitrosodimethylamine	40.000	42.925	-7.3	97	-0.01
5	S	2-Fluorophenol	80.000	79.778	0.3	90	-0.01
6		Aniline	40.000	40.982	-2.5	92	-0.01
7	S	Phenol-d6	80.000	82.181	-2.7	91	0.00
8		2-Chlorophenol	40.000	40.502	-1.3	91	-0.01
9		Benzaldehyde	40.000	50.920	-27.3#	88	-0.01
10	C	Phenol	40.000	40.896	-2.2	91	0.00
11		bis(2-Chloroethyl)ether	40.000	40.104	-0.3	90	-0.01
12		1,3-Dichlorobenzene	40.000	39.275	1.8	89	-0.01
13	C	1,4-Dichlorobenzene	40.000	38.913	2.7	88	-0.02
14		1,2-Dichlorobenzene	40.000	38.855	2.9	88	-0.01
15		Benzyl Alcohol	40.000	41.650	-4.1	93	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	41.106	-2.8	93	-0.02
17		2-Methylphenol	40.000	40.788	-2.0	90	0.00
18		Hexachloroethane	40.000	39.385	1.5	88	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	40.285	-0.7	90	-0.02
20		3+4-Methylphenols	40.000	40.633	-1.6	90	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	89	-0.01
22		Acetophenone	40.000	39.371	1.6	91	-0.01
23	S	Nitrobenzene-d5	80.000	80.044	-0.1	92	-0.02
24		Nitrobenzene	40.000	40.465	-1.2	93	-0.01
25		Isophorone	40.000	39.849	0.4	92	-0.02
26	C	2-Nitrophenol	40.000	40.564	-1.4	91	-0.01
27		2,4-Dimethylphenol	40.000	39.326	1.7	89	-0.01
28		bis(2-Chloroethoxy)methane	40.000	39.349	1.6	91	-0.02
29	C	2,4-Dichlorophenol	40.000	39.589	1.0	90	-0.01
30		1,2,4-Trichlorobenzene	40.000	37.597	6.0	87	-0.01
31		Naphthalene	40.000	38.712	3.2	90	-0.02
32		Benzoic acid	40.000	42.238	-5.6	96	0.00
33		4-Chloroaniline	40.000	40.039	-0.1	91	-0.01
34	C	Hexachlorobutadiene	40.000	37.756	5.6	87	-0.02
35		Caprolactam	40.000	43.562	-8.9	101	-0.01
36	C	4-Chloro-3-methylphenol	40.000	40.964	-2.4	94	-0.01
37		2-Methylnaphthalene	40.000	38.576	3.6	89	-0.02
38		1-Methylnaphthalene	40.000	38.255	4.4	90	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	91	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	37.916	5.2	89	-0.02
41	P	Hexachlorocyclopentadiene	40.000	45.555	-13.9	104	-0.02
42	S	2,4,6-Tribromophenol	80.000	81.081	-1.4	94	-0.01
43	C	2,4,6-Trichlorophenol	40.000	39.701	0.7	92	-0.01
44		2,4,5-Trichlorophenol	40.000	40.266	-0.7	92	0.00
45	S	2-Fluorobiphenyl	80.000	74.582	6.8	89	-0.01
46		1,1'-Biphenyl	40.000	38.335	4.2	90	-0.02
47		2-Chloronaphthalene	40.000	38.216	4.5	89	-0.02

Sample Results: **BP025544.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 15:31:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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	42.664	-6.7	97	-0.02
49		Acenaphthylene	40.000	39.203	2.0	92	-0.02
50		Dimethylphthalate	40.000	39.739	0.7	94	-0.02
51		2,6-Dinitrotoluene	40.000	41.932	-4.8	95	-0.01
52	C	Acenaphthene	40.000	37.949	5.1	91	-0.01
53		3-Nitroaniline	40.000	42.560	-6.4	98	-0.01
54	P	2,4-Dinitrophenol	40.000	55.404	-38.5#	127	-0.01
55		Dibenzofuran	40.000	38.443	3.9	90	-0.01
56	P	4-Nitrophenol	40.000	43.566	-8.9	101	0.00
57		2,4-Dinitrotoluene	40.000	42.783	-7.0	98	-0.01
58		Fluorene	40.000	39.409	1.5	94	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	40.427	-1.1	94	0.00
60		Diethylphthalate	40.000	40.853	-2.1	96	-0.02
61		4-Chlorophenyl-phenylether	40.000	38.356	4.1	91	-0.02
62		4-Nitroaniline	40.000	42.887	-7.2	99	-0.01
63		Azobenzene	40.000	41.564	-3.9	97	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	94	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	46.762	-16.9	112	-0.01
66	c	n-Nitrosodiphenylamine	40.000	38.676	3.3	94	-0.01
67		4-Bromophenyl-phenylether	40.000	38.093	4.8	93	0.00
68		Hexachlorobenzene	40.000	37.412	6.5	93	-0.01
69		Atrazine	40.000	40.001	-0.0	99	-0.01
70	C	Pentachlorophenol	40.000	41.994	-5.0	101	-0.01
71		Phenanthrene	40.000	38.537	3.7	96	-0.01
72		Anthracene	40.000	39.676	0.8	97	-0.01
73		Carbazole	40.000	40.278	-0.7	100	0.00
74		Di-n-butylphthalate	40.000	40.423	-1.1	100	-0.01
75	C	Fluoranthene	40.000	39.558	1.1	99	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	100	-0.02
77		Benzidine	40.000	44.453	-11.1	78	0.00
78		Pyrene	40.000	38.605	3.5	98	-0.01
79	S	Terphenyl-d14	80.000	76.157	4.8	99	0.00
80		Butylbenzylphthalate	40.000	41.220	-3.0	105	0.00
81		Benzo(a)anthracene	40.000	38.592	3.5	100	-0.03
82		3,3'-Dichlorobenzidine	40.000	40.001	-0.0	102	-0.02
83		Chrysene	40.000	38.902	2.7	101	-0.02
84		Bis(2-ethylhexyl)phthalate	40.000	39.923	0.2	104	-0.03
85	c	Di-n-octyl phthalate	40.000	41.326	-3.3	106	-0.04
86	I	Perylene-d12	20.000	20.000	0.0	101	-0.04
87		Indeno(1,2,3-cd)pyrene	40.000	38.231	4.4	101	-0.04
88		Benzo(b)fluoranthene	40.000	37.804	5.5	99	-0.02
89		Benzo(k)fluoranthene	40.000	38.610	3.5	102	-0.03
90	C	Benzo(a)pyrene	40.000	38.568	3.6	101	-0.02
91		Dibenzo(a,h)anthracene	40.000	37.987	5.0	100	-0.06
92		Benzo(g,h,i)perylene	40.000	38.743	3.1	101	-0.06

Sample Results: **BP025544.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 15:31:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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: **BP025561.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2936

Instrument ID: BNA_P Calibration Date/Time: 08/25/2025 12:13

Lab File ID: BP025561.D Init. Calib. Date(s): 08/14/2025 08/14/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.230		2.2	
Benzaldehyde	1.082	1.338		23.7	
Phenol-d6	1.544	1.578		2.2	
Phenol	1.620	1.637		1.0	20.0
bis(2-Chloroethyl)ether	1.263	1.249		-1.1	
2-Chlorophenol	1.359	1.362		0.2	
2-Methylphenol	1.125	1.108		-1.5	
2,2-oxybis(1-Chloropropane)	1.692	1.716		1.4	
Acetophenone	0.502	0.490		-2.4	
3+4-Methylphenols	1.560	1.501		-3.8	
n-Nitroso-di-n-propylamine	1.023	0.970	0.050	-5.2	
Nitrobenzene-d5	0.395	0.399		1.0	
Hexachloroethane	0.563	0.547		-2.8	
Nitrobenzene	0.353	0.358		1.4	
Isophorone	0.700	0.668		-4.6	
2-Nitrophenol	0.181	0.186		2.8	20.0
2,4-Dimethylphenol	0.312	0.304		-2.6	
bis(2-Chloroethoxy)methane	0.423	0.405		-4.3	
2,4-Dichlorophenol	0.310	0.306		-1.3	20.0
Naphthalene	1.040	1.011		-2.8	
4-Chloroaniline	0.459	0.446		-2.8	
Hexachlorobutadiene	0.211	0.197		-6.6	20.0
Caprolactam	0.114	0.111		-2.6	
4-Chloro-3-methylphenol	0.355	0.342		-3.7	20.0
2-Methylnaphthalene	0.676	0.636		-5.9	
Hexachlorocyclopentadiene	0.349	0.387	0.050	10.9	
2,4,6-Trichlorophenol	0.390	0.396		1.5	20.0
2-Fluorobiphenyl	1.463	1.453		-0.7	
2,4,5-Trichlorophenol	0.427	0.435		1.9	
1,1-Biphenyl	1.453	1.456		0.2	
2-Chloronaphthalene	1.131	1.146		1.3	
2-Nitroaniline	0.329	0.351		6.7	
Dimethylphthalate	1.465	1.428		-2.5	
Acenaphthylene	1.871	1.872		0.1	
2,6-Dinitrotoluene	0.309	0.318		2.9	
3-Nitroaniline	0.347	0.364		4.9	
Acenaphthene	1.098	1.074		-2.2	20.0
2,4-Dinitrophenol	0.165	0.220	0.050	33.3	
4-Nitrophenol	0.285	0.297	0.050	4.2	

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.: Q2936

Instrument ID: BNA_P Calibration Date/Time: 08/25/2025 12:13

Lab File ID: BP025561.D Init. Calib. Date(s): 08/14/2025 08/14/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.714		-1.3	
2,4-Dinitrotoluene	0.440	0.461		4.8	
Diethylphthalate	1.488	1.451		-2.5	
4-Chlorophenyl-phenylether	0.681	0.659		-3.2	
Fluorene	1.370	1.353		-1.2	
4-Nitroaniline	0.356	0.380		6.7	
4,6-Dinitro-2-methylphenol	0.125	0.147		17.6	
n-Nitrosodiphenylamine	0.610	0.601		-1.5	20.0
2,4,6-Tribromophenol	0.269	0.270		0.4	
4-Bromophenyl-phenylether	0.220	0.213		-3.2	
Hexachlorobenzene	0.255	0.243		-4.7	
Atrazine	0.228	0.221		-3.1	
Pentachlorophenol	0.161	0.156		-3.1	20.0
Phenanthrene	1.099	1.083		-1.5	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.061		0.4	
Di-n-butylphthalate	1.300	1.268		-2.5	
Fluoranthene	1.311	1.276		-2.7	20.0
Pyrene	1.300	1.273		-2.1	
Terphenyl-d14	1.093	1.041		-4.8	
Butylbenzylphthalate	0.589	0.574		-2.5	
3,3-Dichlorobenzidine	0.497	0.487		-2.0	
Benzo(a)anthracene	1.319	1.282		-2.8	
Chrysene	1.235	1.205		-2.4	
Bis(2-ethylhexyl)phthalate	0.867	0.799		-7.8	
Di-n-octyl phthalate	1.492	1.388		-7.0	20.0
Benzo(b)fluoranthene	1.179	1.144		-3.0	
Benzo(k)fluoranthene	1.180	1.167		-1.1	
Benzo(a)pyrene	1.148	1.140		-0.7	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.451		-1.1	
Dibenzo(a,h)anthracene	1.199	1.203		0.3	
Benzo(g,h,i)perylene	1.178	1.174		-0.3	
1,2,4,5-Tetrachlorobenzene	0.578	0.586		1.4	
1,4-Dioxane	0.472	0.466		-1.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.380		0.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.766	152	176050	20.000	ng		-0.03
21) Naphthalene-d8	10.537	136	715069	20.000	ng		-0.02
39) Acenaphthene-d10	14.390	164	441846	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	900532	20.000	ng		#-0.01
76) Chrysene-d12	21.630	240	945335	20.000	ng		-0.02
86) Perylene-d12	25.001	264	1072626	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	866207	81.710	ng		-0.02
7) Phenol-d6	6.949	99	1111241	81.761	ng		-0.02
23) Nitrobenzene-d5	8.908	82	1142153	80.798	ng		-0.03
42) 2,4,6-Tribromophenol	15.901	330	477313	80.257	ng		-0.01
45) 2-Fluorobiphenyl	12.996	172	2568085	79.434	ng		-0.02
79) Terphenyl-d14	19.919	244	3938138	76.218	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.314	88	164004	39.496	ng		98
3) Pyridine	3.714	79	447513	39.375	ng		96
4) n-Nitrosodimethylamine	3.620	42	202647	43.249	ng		99
6) Aniline	7.096	93	730840	39.910	ng		99
8) 2-Chlorophenol	7.343	128	479663	40.097	ng		99
9) Benzaldehyde	6.914	77	471200	49.484	ng		97
10) Phenol	6.978	94	576274	40.408	ng		99
11) bis(2-Chloroethyl)ether	7.190	93	439926	39.577	ng		98
12) 1,3-Dichlorobenzene	7.661	146	522527	39.613	ng		99
13) 1,4-Dichlorobenzene	7.802	146	531141	39.395	ng		98
14) 1,2-Dichlorobenzene	8.113	146	511007	39.154	ng		99
15) Benzyl Alcohol	8.002	79	419439	38.840	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.290	45	604113	40.570	ng		98
17) 2-Methylphenol	8.208	107	390244	39.399	ng		99
18) Hexachloroethane	8.837	117	192610	38.854	ng		98
19) n-Nitroso-di-n-propyla...	8.560	70	341386	37.921	ng		97
20) 3+4-Methylphenols	8.531	107	528509	38.494	ng		96
22) Acetophenone	8.578	105	700808	39.080	ng	#	99
24) Nitrobenzene	8.949	77	511679	40.502	ng		99
25) Isophorone	9.472	82	954970	38.173	ng		99
26) 2-Nitrophenol	9.655	139	265575	40.961	ng		96
27) 2,4-Dimethylphenol	9.713	122	435257	39.037	ng		99
28) bis(2-Chloroethoxy)met...	9.943	93	579558	38.325	ng		99
29) 2,4-Dichlorophenol	10.190	162	438318	39.573	ng		98
30) 1,2,4-Trichlorobenzene	10.402	180	461861	38.039	ng		98
31) Naphthalene	10.584	128	1445521	38.894	ng		100
32) Benzoic acid	9.860	122	318836	38.733	ng		98
33) 4-Chloroaniline	10.690	127	637942	38.859	ng		99
34) Hexachlorobutadiene	10.872	225	282057	37.301	ng		99
35) Caprolactam	11.478	113	158398	39.001	ng		98
36) 4-Chloro-3-methylphenol	11.819	107	489418	38.508	ng		98
37) 2-Methylnaphthalene	12.190	142	909060	37.585	ng		100
38) 1-Methylnaphthalene	12.413	142	972421	37.806	ng		99
40) 1,2,4,5-Tetrachloroben...	12.566	216	517533	40.556	ng		99
41) Hexachlorocyclopentadiene	12.543	237	341951	44.362	ng		98
43) 2,4,6-Trichlorophenol	12.807	196	350304	40.662	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

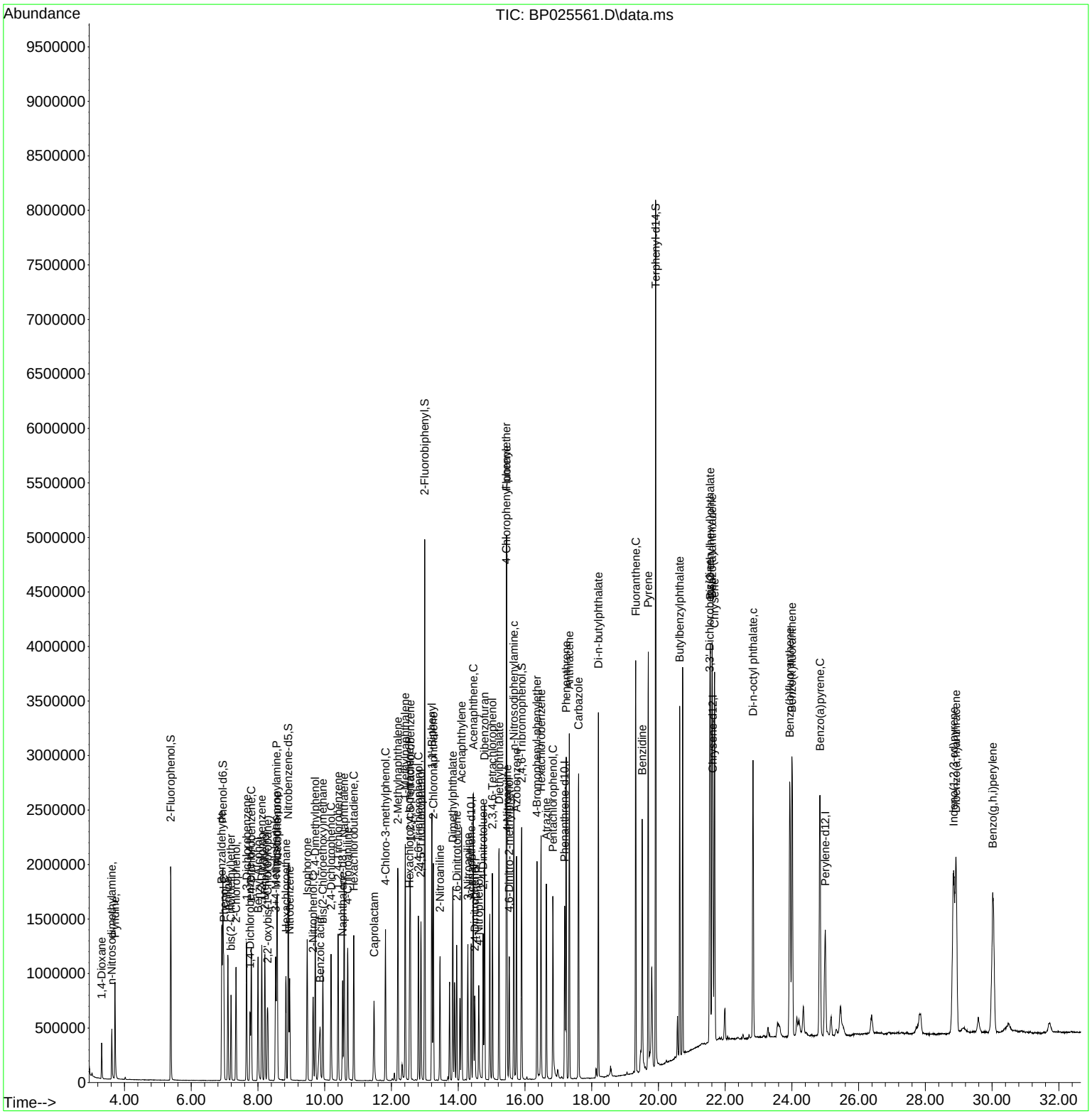
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	384419	40.714	ng		98
46) 1,1'-Biphenyl	13.213	154	1286448	40.089	ng		100
47) 2-Chloronaphthalene	13.254	162	1012747	40.540	ng		98
48) 2-Nitroaniline	13.454	65	310261	42.624	ng		97
49) Acenaphthylene	14.101	152	1654557	40.026	ng		100
50) Dimethylphthalate	13.837	163	1261530	38.989	ng		100
51) 2,6-Dinitrotoluene	13.954	165	280736	41.166	ng		99
52) Acenaphthene	14.454	154	949333	39.125	ng		100
53) 3-Nitroaniline	14.290	138	321796	41.940	ng		99
54) 2,4-Dinitrophenol	14.495	184	194290	53.348	ng		98
55) Dibenzofuran	14.790	168	1515005	39.493	ng		98
56) 4-Nitrophenol	14.619	139	262827	41.685	ng		97
57) 2,4-Dinitrotoluene	14.748	165	407706	41.902	ng		99
58) Fluorene	15.448	166	1195914	39.508	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	335646	40.260	ng		99
60) Diethylphthalate	15.225	149	1282145	38.998	ng		98
61) 4-Chlorophenyl-phenyle...	15.442	204	582242	38.676	ng		99
62) 4-Nitroaniline	15.466	138	335838	42.695	ng		96
63) Azobenzene	15.748	77	1144968	40.672	ng		98
65) 4,6-Dinitro-2-methylph...	15.531	198	263920	47.015	ng		93
66) n-Nitrosodiphenylamine	15.666	169	1082642	39.425	ng		99
67) 4-Bromophenyl-phenylether	16.360	248	383257	38.696	ng		95
68) Hexachlorobenzene	16.484	284	437353	38.094	ng		98
69) Atrazine	16.642	200	398927	38.790	ng		98
70) Pentachlorophenol	16.837	266	281026	38.776	ng		98
71) Phenanthrene	17.236	178	1950284	39.424	ng		99
72) Anthracene	17.331	178	2005437	39.697	ng		100
73) Carbazole	17.607	167	1910675	40.154	ng		99
74) Di-n-butylphthalate	18.201	149	2284164	39.016	ng		99
75) Fluoranthene	19.319	202	2298328	38.949	ng		100
77) Benzidine	19.513	184	1385115	42.933	ng		100
78) Pyrene	19.695	202	2407357	39.180	ng		99
80) Butylbenzylphthalate	20.636	149	1084601	38.948	ng		98
81) Benzo(a)anthracene	21.607	228	2424158	38.883	ng		100
82) 3,3'-Dichlorobenzidine	21.536	252	921505	39.214	ng		99
83) Chrysene	21.683	228	2278817	39.030	ng		99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1511370	36.870	ng		100
85) Di-n-octyl phthalate	22.836	149	2624413	37.221	ng		98
87) Indeno(1,2,3-cd)pyrene	28.848	276	3113666	39.583	ng	#	88
88) Benzo(b)fluoranthene	23.936	252	2453244	38.787	ng		100
89) Benzo(k)fluoranthene	24.001	252	2502757	39.543	ng		99
90) Benzo(a)pyrene	24.842	252	2445905	39.726	ng		99
91) Dibenzo(a,h)anthracene	28.918	278	2581244	40.154	ng		98
92) Benzo(g,h,i)perylene	30.018	276	2517967	39.848	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



Sample Results: **BP025561.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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	112	-0.03
2		1,4-Dioxane	0.472	0.466	1.3	117	-0.02
3		Pyridine	1.291	1.271	1.5	116	-0.02
4		n-Nitrosodimethylamine	0.532	0.576	-8.3	126	-0.02
5	S	2-Fluorophenol	1.204	1.230	-2.2	118	-0.02
6		Aniline	2.080	2.076	0.2	115	-0.03
7	S	Phenol-d6	1.544	1.578	-2.2	116	-0.02
8		2-Chlorophenol	1.359	1.362	-0.2	116	-0.02
9		Benzaldehyde	1.082	1.338	-23.7	109	-0.03
10	C	Phenol	1.620	1.637	-1.0	116	-0.02
11		bis(2-Chloroethyl)ether	1.263	1.249	1.1	114	-0.03
12		1,3-Dichlorobenzene	1.499	1.484	1.0	115	-0.02
13	C	1,4-Dichlorobenzene	1.532	1.508	1.6	115	-0.03
14		1,2-Dichlorobenzene	1.483	1.451	2.2	113	-0.03
15		Benzyl Alcohol	1.227	1.191	2.9	111	-0.02
16		2,2'-oxybis(1-Chloropropane	1.692	1.716	-1.4	118	-0.02
17		2-Methylphenol	1.125	1.108	1.5	112	-0.02
18		Hexachloroethane	0.563	0.547	2.8	112	-0.03
19	P	n-Nitroso-di-n-propylamine	1.023	0.970	5.2	109	-0.03
20		3+4-Methylphenols	1.560	1.501	3.8	110	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	108	-0.02
22		Acetophenone	0.502	0.490	2.4	109	-0.02
23	S	Nitrobenzene-d5	0.395	0.399	-1.0	112	-0.03
24		Nitrobenzene	0.353	0.358	-1.4	112	-0.02
25		Isophorone	0.700	0.668	4.6	107	-0.03
26	C	2-Nitrophenol	0.181	0.186	-2.8	111	-0.02
27		2,4-Dimethylphenol	0.312	0.304	2.6	107	-0.03
28		bis(2-Chloroethoxy)methane	0.423	0.405	4.3	107	-0.03
29	C	2,4-Dichlorophenol	0.310	0.306	1.3	108	-0.02
30		1,2,4-Trichlorobenzene	0.340	0.323	5.0	106	-0.02
31		Naphthalene	1.040	1.011	2.8	109	-0.03
32		Benzoic acid	0.230	0.223	3.0	106	-0.01
33		4-Chloroaniline	0.459	0.446	2.8	106	-0.02
34	C	Hexachlorobutadiene	0.211	0.197	6.6	104	-0.03
35		Caprolactam	0.114	0.111	2.6	109	-0.02
36	C	4-Chloro-3-methylphenol	0.355	0.342	3.7	107	-0.02
37		2-Methylnaphthalene	0.676	0.636	5.9	105	-0.03
38		1-Methylnaphthalene	0.719	0.680	5.4	107	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	100	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.578	0.586	-1.4	105	-0.02
41	P	Hexachlorocyclopentadiene	0.349	0.387	-10.9	111	-0.03
42	S	2,4,6-Tribromophenol	0.269	0.270	-0.4	103	-0.01
43	C	2,4,6-Trichlorophenol	0.390	0.396	-1.5	104	-0.02
44		2,4,5-Trichlorophenol	0.427	0.435	-1.9	103	-0.01
45	S	2-Fluorobiphenyl	1.463	1.453	0.7	105	-0.02
46		1,1'-Biphenyl	1.453	1.456	-0.2	104	-0.02
47		2-Chloronaphthalene	1.131	1.146	-1.3	104	-0.02

Sample Results: **BP025561.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.329	0.351	-6.7	106	-0.02
49		Acenaphthylene	1.871	1.872	-0.1	104	-0.02
50		Dimethylphthalate	1.465	1.428	2.5	102	-0.02
51		2,6-Dinitrotoluene	0.309	0.318	-2.9	103	-0.01
52	C	Acenaphthene	1.098	1.074	2.2	103	-0.01
53		3-Nitroaniline	0.347	0.364	-4.9	107	-0.01
54	P	2,4-Dinitrophenol	0.165	0.220	-33.3#	135	-0.01
55		Dibenzofuran	1.736	1.714	1.3	102	-0.02
56	P	4-Nitrophenol	0.285	0.297	-4.2	107	0.00
57		2,4-Dinitrotoluene	0.440	0.461	-4.8	106	-0.02
58		Fluorene	1.370	1.353	1.2	104	-0.02
59		2,3,4,6-Tetrachlorophenol	0.377	0.380	-0.8	103	-0.01
60		Diethylphthalate	1.488	1.451	2.5	101	-0.01
61		4-Chlorophenyl-phenylether	0.681	0.659	3.2	101	-0.02
62		4-Nitroaniline	0.356	0.380	-6.7	108	-0.01
63		Azobenzene	1.274	1.296	-1.7	105	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	102	-0.01
65		4,6-Dinitro-2-methylphenol	0.125	0.147	-17.6	122	-0.01
66	c	n-Nitrosodiphenylamine	0.610	0.601	1.5	104	-0.01
67		4-Bromophenyl-phenylether	0.220	0.213	3.2	102	-0.01
68		Hexachlorobenzene	0.255	0.243	4.7	102	0.00
69		Atrazine	0.228	0.221	3.1	103	-0.01
70	C	Pentachlorophenol	0.161	0.156	3.1	101	0.00
71		Phenanthrene	1.099	1.083	1.5	106	0.00
72		Anthracene	1.122	1.113	0.8	105	0.00
73		Carbazole	1.057	1.061	-0.4	107	0.00
74		Di-n-butylphthalate	1.300	1.268	2.5	104	0.00
75	C	Fluoranthene	1.311	1.276	2.7	106	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	105	-0.02
77		Benzidine	0.683	0.733	-7.3	80	0.00
78		Pyrene	1.300	1.273	2.1	105	0.00
79	S	Terphenyl-d14	1.093	1.041	4.8	105	0.00
80		Butylbenzylphthalate	0.589	0.574	2.5	104	-0.01
81		Benzo(a)anthracene	1.319	1.282	2.8	106	-0.02
82		3,3'-Dichlorobenzidine	0.497	0.487	2.0	105	0.00
83		Chrysene	1.235	1.205	2.4	107	-0.01
84		Bis(2-ethylhexyl)phthalate	0.867	0.799	7.8	101	-0.03
85	c	Di-n-octyl phthalate	1.492	1.388	7.0	101	-0.04
86	I	Perylene-d12	1.000	1.000	0.0	105	-0.03
87		Indeno(1,2,3-cd)pyrene	1.467	1.451	1.1	108	-0.02
88		Benzo(b)fluoranthene	1.179	1.144	3.0	106	-0.02
89		Benzo(k)fluoranthene	1.180	1.167	1.1	108	-0.03
90	C	Benzo(a)pyrene	1.148	1.140	0.7	108	-0.01
91		Dibenzo(a,h)anthracene	1.199	1.203	-0.3	109	-0.04
92		Benzo(g,h,i)perylene	1.178	1.174	0.3	108	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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: **BP025561.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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	112	-0.03
2		1,4-Dioxane	40.000	39.496	1.3	117	-0.02
3		Pyridine	40.000	39.375	1.6	116	-0.02
4		n-Nitrosodimethylamine	40.000	43.249	-8.1	126	-0.02
5	S	2-Fluorophenol	80.000	81.710	-2.1	118	-0.02
6		Aniline	40.000	39.910	0.2	115	-0.03
7	S	Phenol-d6	80.000	81.761	-2.2	116	-0.02
8		2-Chlorophenol	40.000	40.097	-0.2	116	-0.02
9		Benzaldehyde	40.000	49.484	-23.7	109	-0.03
10	C	Phenol	40.000	40.408	-1.0	116	-0.02
11		bis(2-Chloroethyl)ether	40.000	39.577	1.1	114	-0.03
12		1,3-Dichlorobenzene	40.000	39.613	1.0	115	-0.02
13	C	1,4-Dichlorobenzene	40.000	39.395	1.5	115	-0.03
14		1,2-Dichlorobenzene	40.000	39.154	2.1	113	-0.03
15		Benzyl Alcohol	40.000	38.840	2.9	111	-0.02
16		2,2'-oxybis(1-Chloropropane	40.000	40.570	-1.4	118	-0.02
17		2-Methylphenol	40.000	39.399	1.5	112	-0.02
18		Hexachloroethane	40.000	38.854	2.9	112	-0.03
19	P	n-Nitroso-di-n-propylamine	40.000	37.921	5.2	109	-0.03
20		3+4-Methylphenols	40.000	38.494	3.8	110	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	108	-0.02
22		Acetophenone	40.000	39.080	2.3	109	-0.02
23	S	Nitrobenzene-d5	80.000	80.798	-1.0	112	-0.03
24		Nitrobenzene	40.000	40.502	-1.3	112	-0.02
25		Isophorone	40.000	38.173	4.6	107	-0.03
26	C	2-Nitrophenol	40.000	40.961	-2.4	111	-0.02
27		2,4-Dimethylphenol	40.000	39.037	2.4	107	-0.03
28		bis(2-Chloroethoxy)methane	40.000	38.325	4.2	107	-0.03
29	C	2,4-Dichlorophenol	40.000	39.573	1.1	108	-0.02
30		1,2,4-Trichlorobenzene	40.000	38.039	4.9	106	-0.02
31		Naphthalene	40.000	38.894	2.8	109	-0.03
32		Benzoic acid	40.000	38.733	3.2	106	-0.01
33		4-Chloroaniline	40.000	38.859	2.9	106	-0.02
34	C	Hexachlorobutadiene	40.000	37.301	6.7	104	-0.03
35		Caprolactam	40.000	39.001	2.5	109	-0.02
36	C	4-Chloro-3-methylphenol	40.000	38.508	3.7	107	-0.02
37		2-Methylnaphthalene	40.000	37.585	6.0	105	-0.03
38		1-Methylnaphthalene	40.000	37.806	5.5	107	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	100	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	40.556	-1.4	105	-0.02
41	P	Hexachlorocyclopentadiene	40.000	44.362	-10.9	111	-0.03
42	S	2,4,6-Tribromophenol	80.000	80.257	-0.3	103	-0.01
43	C	2,4,6-Trichlorophenol	40.000	40.662	-1.7	104	-0.02
44		2,4,5-Trichlorophenol	40.000	40.714	-1.8	103	-0.01
45	S	2-Fluorobiphenyl	80.000	79.434	0.7	105	-0.02
46		1,1'-Biphenyl	40.000	40.089	-0.2	104	-0.02
47		2-Chloronaphthalene	40.000	40.540	-1.3	104	-0.02

Sample Results: **BP025561.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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	42.624	-6.6	106	-0.02
49		Acenaphthylene	40.000	40.026	-0.1	104	-0.02
50		Dimethylphthalate	40.000	38.989	2.5	102	-0.02
51		2,6-Dinitrotoluene	40.000	41.166	-2.9	103	-0.01
52	C	Acenaphthene	40.000	39.125	2.2	103	-0.01
53		3-Nitroaniline	40.000	41.940	-4.8	107	-0.01
54	P	2,4-Dinitrophenol	40.000	53.348	-33.4#	135	-0.01
55		Dibenzofuran	40.000	39.493	1.3	102	-0.02
56	P	4-Nitrophenol	40.000	41.685	-4.2	107	0.00
57		2,4-Dinitrotoluene	40.000	41.902	-4.8	106	-0.02
58		Fluorene	40.000	39.508	1.2	104	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	40.260	-0.6	103	-0.01
60		Diethylphthalate	40.000	38.998	2.5	101	-0.01
61		4-Chlorophenyl-phenylether	40.000	38.676	3.3	101	-0.02
62		4-Nitroaniline	40.000	42.695	-6.7	108	-0.01
63		Azobenzene	40.000	40.672	-1.7	105	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	102	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	47.015	-17.5	122	-0.01
66	c	n-Nitrosodiphenylamine	40.000	39.425	1.4	104	-0.01
67		4-Bromophenyl-phenylether	40.000	38.696	3.3	102	-0.01
68		Hexachlorobenzene	40.000	38.094	4.8	102	0.00
69		Atrazine	40.000	38.790	3.0	103	-0.01
70	C	Pentachlorophenol	40.000	38.776	3.1	101	0.00
71		Phenanthrene	40.000	39.424	1.4	106	0.00
72		Anthracene	40.000	39.697	0.8	105	0.00
73		Carbazole	40.000	40.154	-0.4	107	0.00
74		Di-n-butylphthalate	40.000	39.016	2.5	104	0.00
75	C	Fluoranthene	40.000	38.949	2.6	106	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	105	-0.02
77		Benzidine	40.000	42.933	-7.3	80	0.00
78		Pyrene	40.000	39.180	2.1	105	0.00
79	S	Terphenyl-d14	80.000	76.218	4.7	105	0.00
80		Butylbenzylphthalate	40.000	38.948	2.6	104	-0.01
81		Benzo(a)anthracene	40.000	38.883	2.8	106	-0.02
82		3,3'-Dichlorobenzidine	40.000	39.214	2.0	105	0.00
83		Chrysene	40.000	39.030	2.4	107	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	36.870	7.8	101	-0.03
85	c	Di-n-octyl phthalate	40.000	37.221	6.9	101	-0.04
86	I	Perylene-d12	20.000	20.000	0.0	105	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	39.583	1.0	108	-0.02
88		Benzo(b)fluoranthene	40.000	38.787	3.0	106	-0.02
89		Benzo(k)fluoranthene	40.000	39.543	1.1	108	-0.03
90	C	Benzo(a)pyrene	40.000	39.726	0.7	108	-0.01
91		Dibenzo(a,h)anthracene	40.000	40.154	-0.4	109	-0.04
92		Benzo(g,h,i)perylene	40.000	39.848	0.4	108	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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: **BP025579.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2936

Instrument ID: BNA_P Calibration Date/Time: 08/26/2025 10:21

Lab File ID: BP025579.D Init. Calib. Date(s): 08/14/2025 08/14/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.238		2.8	
Benzaldehyde	1.082	1.311		21.2	
Phenol-d6	1.544	1.536		-0.5	
Phenol	1.620	1.579		-2.5	20.0
bis(2-Chloroethyl)ether	1.263	1.232		-2.5	
2-Chlorophenol	1.359	1.354		-0.4	
2-Methylphenol	1.125	1.095		-2.7	
2,2-oxybis(1-Chloropropane)	1.692	1.682		-0.6	
Acetophenone	0.502	0.498		-0.8	
3+4-Methylphenols	1.560	1.460		-6.4	
n-Nitroso-di-n-propylamine	1.023	0.944	0.050	-7.7	
Nitrobenzene-d5	0.395	0.403		2.0	
Hexachloroethane	0.563	0.567		0.7	
Nitrobenzene	0.353	0.356		0.9	
Isophorone	0.700	0.679		-3.0	
2-Nitrophenol	0.181	0.189		4.4	20.0
2,4-Dimethylphenol	0.312	0.308		-1.3	
bis(2-Chloroethoxy)methane	0.423	0.409		-3.3	
2,4-Dichlorophenol	0.310	0.308		-0.6	20.0
Naphthalene	1.040	1.016		-2.3	
4-Chloroaniline	0.459	0.440		-4.1	
Hexachlorobutadiene	0.211	0.212		0.5	20.0
Caprolactam	0.114	0.106		-7.0	
4-Chloro-3-methylphenol	0.355	0.344		-3.1	20.0
2-Methylnaphthalene	0.676	0.650		-3.8	
Hexachlorocyclopentadiene	0.349	0.378	0.050	8.3	
2,4,6-Trichlorophenol	0.390	0.414		6.2	20.0
2-Fluorobiphenyl	1.463	1.454		-0.6	
2,4,5-Trichlorophenol	0.427	0.455		6.6	
1,1-Biphenyl	1.453	1.465		0.8	
2-Chloronaphthalene	1.131	1.145		1.2	
2-Nitroaniline	0.329	0.352		7.0	
Dimethylphthalate	1.465	1.457		-0.5	
Acenaphthylene	1.871	1.885		0.7	
2,6-Dinitrotoluene	0.309	0.317		2.6	
3-Nitroaniline	0.347	0.352		1.4	
Acenaphthene	1.098	1.071		-2.5	20.0
2,4-Dinitrophenol	0.165	0.206	0.050	24.8	
4-Nitrophenol	0.285	0.275	0.050	-3.5	

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.: Q2936

Instrument ID: BNA_P Calibration Date/Time: 08/26/2025 10:21

Lab File ID: BP025579.D Init. Calib. Date(s): 08/14/2025 08/14/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.708		-1.6	
2,4-Dinitrotoluene	0.440	0.449		2.0	
Diethylphthalate	1.488	1.476		-0.8	
4-Chlorophenyl-phenylether	0.681	0.673		-1.2	
Fluorene	1.370	1.330		-2.9	
4-Nitroaniline	0.356	0.360		1.1	
4,6-Dinitro-2-methylphenol	0.125	0.142		13.6	
n-Nitrosodiphenylamine	0.610	0.600		-1.6	20.0
2,4,6-Tribromophenol	0.269	0.279		3.7	
4-Bromophenyl-phenylether	0.220	0.223		1.4	
Hexachlorobenzene	0.255	0.259		1.6	
Atrazine	0.228	0.224		-1.8	
Pentachlorophenol	0.161	0.160		-0.6	20.0
Phenanthrene	1.099	1.075		-2.2	
Anthracene	1.122	1.109		-1.2	
Carbazole	1.057	1.018		-3.7	
Di-n-butylphthalate	1.300	1.288		-0.9	
Fluoranthene	1.311	1.234		-5.9	20.0
Pyrene	1.300	1.297		-0.2	
Terphenyl-d14	1.093	1.098		0.5	
Butylbenzylphthalate	0.589	0.609		3.4	
3,3-Dichlorobenzidine	0.497	0.499		0.4	
Benzo(a)anthracene	1.319	1.294		-1.9	
Chrysene	1.235	1.223		-1.0	
Bis(2-ethylhexyl)phthalate	0.867	0.871		0.5	
Di-n-octyl phthalate	1.492	1.545		3.6	20.0
Benzo(b)fluoranthene	1.179	1.158		-1.8	
Benzo(k)fluoranthene	1.180	1.141		-3.3	
Benzo(a)pyrene	1.148	1.118		-2.6	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.442		-1.7	
Dibenzo(a,h)anthracene	1.199	1.179		-1.7	
Benzo(g,h,i)perylene	1.178	1.147		-2.6	
1,2,4,5-Tetrachlorobenzene	0.578	0.600		3.8	
1,4-Dioxane	0.472	0.478		1.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.382		1.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	235051	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	932609	20.000	ng	-0.01
39) Acenaphthene-d10	14.390	164	572065	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	1130975	20.000	ng	0.00
76) Chrysene-d12	21.636	240	1110364	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1292923	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1163809	82.226	ng	0.00
7) Phenol-d6	6.972	99	1443988	79.575	ng	0.00
23) Nitrobenzene-d5	8.925	82	1502043	81.472	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	639528	83.055	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	3325998	79.459	ng	-0.02
79) Terphenyl-d14	19.919	244	4877631	80.370	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	224845	40.557	ng	98
3) Pyridine	3.731	79	602438	39.701	ng	97
4) n-Nitrosodimethylamine	3.637	42	257855	41.218	ng	99
6) Aniline	7.119	93	944949	38.650	ng	99
8) 2-Chlorophenol	7.361	128	636701	39.864	ng	98
9) Benzaldehyde	6.931	77	616270	48.474	ng	96
10) Phenol	7.002	94	742076	38.972	ng	98
11) bis(2-Chloroethyl)ether	7.208	93	578952	39.010	ng	96
12) 1,3-Dichlorobenzene	7.672	146	703964	39.972	ng	98
13) 1,4-Dichlorobenzene	7.814	146	707832	39.322	ng	99
14) 1,2-Dichlorobenzene	8.131	146	676716	38.836	ng	99
15) Benzyl Alcohol	8.019	79	549664	38.122	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.290	45	790859	39.779	ng	97
17) 2-Methylphenol	8.225	107	514974	38.941	ng	99
18) Hexachloroethane	8.849	117	266626	40.285	ng	97
19) n-Nitroso-di-n-propyla...	8.578	70	443913	36.932	ng	99
20) 3+4-Methylphenols	8.549	107	686414	37.445	ng	97
22) Acetophenone	8.590	105	929055	39.724	ng	98
24) Nitrobenzene	8.966	77	663698	40.281	ng	98
25) Isophorone	9.490	82	1265792	38.795	ng	100
26) 2-Nitrophenol	9.666	139	352539	41.691	ng	98
27) 2,4-Dimethylphenol	9.737	122	573582	39.443	ng	99
28) bis(2-Chloroethoxy)met...	9.960	93	763692	38.722	ng	98
29) 2,4-Dichlorophenol	10.213	162	573818	39.723	ng	99
30) 1,2,4-Trichlorobenzene	10.413	180	628899	39.714	ng	98
31) Naphthalene	10.602	128	1894368	39.081	ng	99
32) Benzoic acid	9.896	122	434436	40.466	ng	99
33) 4-Chloroaniline	10.702	127	820796	38.334	ng	99
34) Hexachlorobutadiene	10.884	225	394850	40.037	ng	98
35) Caprolactam	11.502	113	197954	37.371	ng	99
36) 4-Chloro-3-methylphenol	11.843	107	641625	38.708	ng	99
37) 2-Methylnaphthalene	12.207	142	1212709	38.444	ng	99
38) 1-Methylnaphthalene	12.419	142	1260933	37.588	ng	100
40) 1,2,4,5-Tetrachloroben...	12.572	216	686446	41.548	ng	100
41) Hexachlorocyclopentadiene	12.554	237	432234	43.311	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	474193	42.513	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

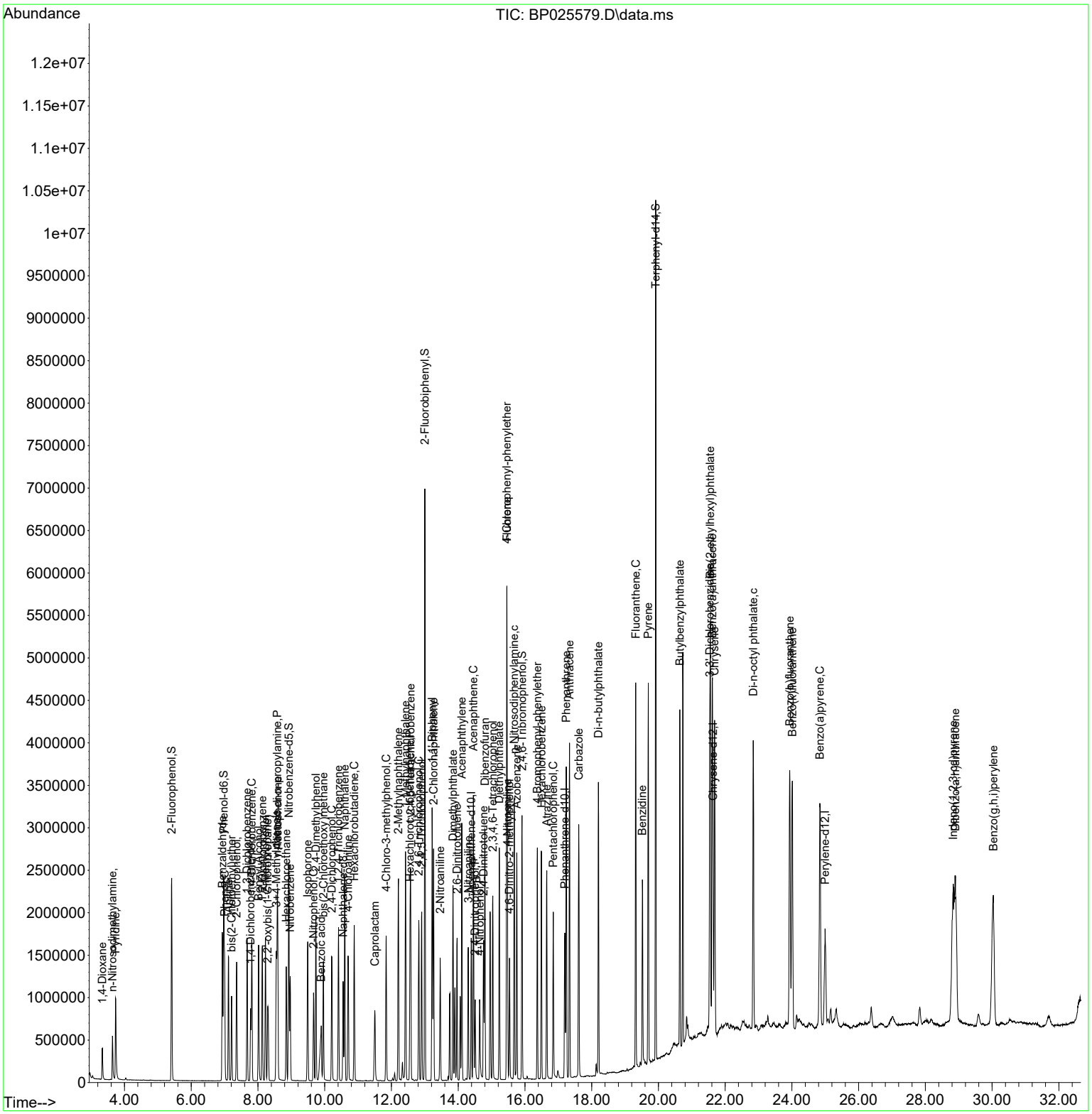
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.907	196	520069	42.543	ng	96
46) 1,1'-Biphenyl	13.219	154	1676486	40.352	ng	98
47) 2-Chloronaphthalene	13.260	162	1310530	40.519	ng	99
48) 2-Nitroaniline	13.460	65	402633	42.723	ng	99
49) Acenaphthylene	14.107	152	2156400	40.292	ng	99
50) Dimethylphthalate	13.843	163	1666999	39.793	ng	99
51) 2,6-Dinitrotoluene	13.966	165	362713	41.079	ng	98
52) Acenaphthene	14.454	154	1225216	39.001	ng	100
53) 3-Nitroaniline	14.301	138	403295	40.597	ng	97
54) 2,4-Dinitrophenol	14.507	184	235700	49.987	ng	99
55) Dibenzofuran	14.801	168	1954402	39.350	ng	98
56) 4-Nitrophenol	14.643	139	314549	38.533	ng	97
57) 2,4-Dinitrotoluene	14.760	165	514206	40.818	ng	99
58) Fluorene	15.460	166	1521365	38.819	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	437267	40.510	ng	99
60) Diethylphthalate	15.231	149	1688239	39.661	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	769934	39.502	ng	99
62) 4-Nitroaniline	15.478	138	412280	40.483	ng	99
63) Azobenzene	15.754	77	1465800	40.216	ng	99
65) 4,6-Dinitro-2-methylph...	15.537	198	320151	45.412	ng	95
66) n-Nitrosodiphenylamine	15.678	169	1358091	39.379	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	504211	40.536	ng	97
68) Hexachlorobenzene	16.495	284	584868	40.563	ng	95
69) Atrazine	16.654	200	507511	39.294	ng	98
70) Pentachlorophenol	16.848	266	362130	39.786	ng	97
71) Phenanthrene	17.237	178	2432486	39.153	ng	99
72) Anthracene	17.337	178	2509132	39.548	ng	100
73) Carbazole	17.613	167	2303052	38.538	ng	99
74) Di-n-butylphthalate	18.201	149	2913457	39.626	ng	99
75) Fluoranthene	19.319	202	2791668	37.670	ng	99
77) Benzidine	19.519	184	1444118	38.109	ng	100
78) Pyrene	19.695	202	2881100	39.921	ng	99
80) Butylbenzylphthalate	20.642	149	1352603	41.353	ng	99
81) Benzo(a)anthracene	21.613	228	2873936	39.246	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	1108523	40.161	ng	98
83) Chrysene	21.683	228	2716264	39.608	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1934845	40.185	ng	99
85) Di-n-octyl phthalate	22.842	149	3430668	41.424	ng	99
87) Indeno(1,2,3-cd)pyrene	28.836	276	3727641	39.314	ng	94
88) Benzo(b)fluoranthene	23.936	252	2993424	39.263	ng	99
89) Benzo(k)fluoranthene	24.013	252	2949181	38.657	ng	99
90) Benzo(a)pyrene	24.836	252	2890050	38.942	ng	99
91) Dibenzo(a,h)anthracene	28.901	278	3048612	39.344	ng	99
92) Benzo(g,h,i)perylene	30.036	276	2965349	38.932	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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	149	-0.02
2		1,4-Dioxane	0.472	0.478	-1.3	160#	0.00
3		Pyridine	1.291	1.282	0.7	157#	0.00
4		n-Nitrosodimethylamine	0.532	0.549	-3.2	160#	0.00
5	S	2-Fluorophenol	1.204	1.238	-2.8	159#	0.00
6		Aniline	2.080	2.010	3.4	148	0.00
7	S	Phenol-d6	1.544	1.536	0.5	151#	0.00
8		2-Chlorophenol	1.359	1.354	0.4	154#	0.00
9		Benzaldehyde	1.082	1.311	-21.2	143	-0.01
10	C	Phenol	1.620	1.579	2.5	149	0.00
11		bis(2-Chloroethyl)ether	1.263	1.232	2.5	150#	-0.01
12		1,3-Dichlorobenzene	1.499	1.497	0.1	155#	-0.01
13	C	1,4-Dichlorobenzene	1.532	1.506	1.7	153#	-0.02
14		1,2-Dichlorobenzene	1.483	1.440	2.9	150	-0.01
15		Benzyl Alcohol	1.227	1.169	4.7	146	0.00
16		2,2'-oxybis(1-Chloropropane	1.692	1.682	0.6	155#	-0.02
17		2-Methylphenol	1.125	1.095	2.7	147	0.00
18		Hexachloroethane	0.563	0.567	-0.7	155#	-0.02
19	P	n-Nitroso-di-n-propylamine	1.023	0.944	7.7	142	-0.01
20		3+4-Methylphenols	1.560	1.460	6.4	143	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	141	-0.01
22		Acetophenone	0.502	0.498	0.8	144	-0.01
23	S	Nitrobenzene-d5	0.395	0.403	-2.0	148	-0.01
24		Nitrobenzene	0.353	0.356	-0.8	145	0.00
25		Isophorone	0.700	0.679	3.0	142	-0.01
26	C	2-Nitrophenol	0.181	0.189	-4.4	147	-0.01
27		2,4-Dimethylphenol	0.312	0.308	1.3	140	0.00
28		bis(2-Chloroethoxy)methane	0.423	0.409	3.3	141	-0.01
29	C	2,4-Dichlorophenol	0.310	0.308	0.6	142	0.00
30		1,2,4-Trichlorobenzene	0.340	0.337	0.9	145	-0.01
31		Naphthalene	1.040	1.016	2.3	143	-0.01
32		Benzoic acid	0.230	0.233	-1.3	144	0.02
33		4-Chloroaniline	0.459	0.440	4.1	137	-0.01
34	C	Hexachlorobutadiene	0.211	0.212	-0.5	145	-0.02
35		Caprolactam	0.114	0.106	7.0	136	0.00
36	C	4-Chloro-3-methylphenol	0.355	0.344	3.1	140	0.00
37		2-Methylnaphthalene	0.676	0.650	3.8	140	-0.01
38		1-Methylnaphthalene	0.719	0.676	6.0	139	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	130	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.578	0.600	-3.8	139	-0.02
41	P	Hexachlorocyclopentadiene	0.349	0.378	-8.3	141	-0.02
42	S	2,4,6-Tribromophenol	0.269	0.279	-3.7	138	0.00
43	C	2,4,6-Trichlorophenol	0.390	0.414	-6.2	141	0.00
44		2,4,5-Trichlorophenol	0.427	0.455	-6.6	139	0.01
45	S	2-Fluorobiphenyl	1.463	1.454	0.6	135	-0.02
46		1,1'-Biphenyl	1.453	1.465	-0.8	135	-0.01
47		2-Chloronaphthalene	1.131	1.145	-1.2	135	-0.01

Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.329	0.352	-7.0	138	-0.01
49		Acenaphthylene	1.871	1.885	-0.7	135	-0.02
50		Dimethylphthalate	1.465	1.457	0.5	135	-0.02
51		2,6-Dinitrotoluene	0.309	0.317	-2.6	133	0.00
52	C	Acenaphthene	1.098	1.071	2.5	133	-0.01
53		3-Nitroaniline	0.347	0.352	-1.4	134	0.00
54	P	2,4-Dinitrophenol	0.165	0.206	-24.8	164#	0.00
55		Dibenzofuran	1.736	1.708	1.6	132	0.00
56	P	4-Nitrophenol	0.285	0.275	3.5	128	0.03
57		2,4-Dinitrotoluene	0.440	0.449	-2.0	133	0.00
58		Fluorene	1.370	1.330	2.9	132	0.00
59		2,3,4,6-Tetrachlorophenol	0.377	0.382	-1.3	135	0.00
60		Diethylphthalate	1.488	1.476	0.8	133	0.00
61		4-Chlorophenyl-phenylether	0.681	0.673	1.2	134	0.00
62		4-Nitroaniline	0.356	0.360	-1.1	133	0.00
63		Azobenzene	1.274	1.281	-0.5	134	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	128	0.00
65		4,6-Dinitro-2-methylphenol	0.125	0.142	-13.6	147	0.00
66	c	n-Nitrosodiphenylamine	0.610	0.600	1.6	130	0.00
67		4-Bromophenyl-phenylether	0.220	0.223	-1.4	134	0.00
68		Hexachlorobenzene	0.255	0.259	-1.6	137	0.00
69		Atrazine	0.228	0.224	1.8	131	0.00
70	C	Pentachlorophenol	0.161	0.160	0.6	130	0.00
71		Phenanthrene	1.099	1.075	2.2	132	0.00
72		Anthracene	1.122	1.109	1.2	131	0.00
73		Carbazole	1.057	1.018	3.7	129	0.00
74		Di-n-butylphthalate	1.300	1.288	0.9	132	0.00
75	C	Fluoranthene	1.311	1.234	5.9	128	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	123	-0.01
77		Benzidine	0.683	0.650	4.8	83	0.00
78		Pyrene	1.300	1.297	0.2	126	0.00
79	S	Terphenyl-d14	1.093	1.098	-0.5	130	0.00
80		Butylbenzylphthalate	0.589	0.609	-3.4	130	0.00
81		Benzo(a)anthracene	1.319	1.294	1.9	126	-0.02
82		3,3'-Dichlorobenzidine	0.497	0.499	-0.4	126	0.00
83		Chrysene	1.235	1.223	1.0	128	-0.01
84		Bis(2-ethylhexyl)phthalate	0.867	0.871	-0.5	130	-0.03
85	c	Di-n-octyl phthalate	1.492	1.545	-3.6	132	-0.03
86	I	Perylene-d12	1.000	1.000	0.0	126	-0.04
87		Indeno(1,2,3-cd)pyrene	1.467	1.442	1.7	129	-0.03
88		Benzo(b)fluoranthene	1.179	1.158	1.8	129	-0.02
89		Benzo(k)fluoranthene	1.180	1.141	3.3	128	-0.02
90	C	Benzo(a)pyrene	1.148	1.118	2.6	128	-0.02
91		Dibenzo(a,h)anthracene	1.199	1.179	1.7	129	-0.05
92		Benzo(g,h,i)perylene	1.178	1.147	2.6	127	-0.02

Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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	149	-0.02
2		1,4-Dioxane	40.000	40.557	-1.4	160	0.00
3		Pyridine	40.000	39.701	0.7	157	0.00
4		n-Nitrosodimethylamine	40.000	41.218	-3.0	160	0.00
5	S	2-Fluorophenol	80.000	82.226	-2.8	159	0.00
6		Aniline	40.000	38.650	3.4	148	0.00
7	S	Phenol-d6	80.000	79.575	0.5	151	0.00
8		2-Chlorophenol	40.000	39.864	0.3	154	0.00
9		Benzaldehyde	40.000	48.474	-21.2	143	-0.01
10	C	Phenol	40.000	38.972	2.6	149	0.00
11		bis(2-Chloroethyl)ether	40.000	39.010	2.5	150	-0.01
12		1,3-Dichlorobenzene	40.000	39.972	0.1	155	-0.01
13	C	1,4-Dichlorobenzene	40.000	39.322	1.7	153	-0.02
14		1,2-Dichlorobenzene	40.000	38.836	2.9	150	-0.01
15		Benzyl Alcohol	40.000	38.122	4.7	146	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.779	0.6	155	-0.02
17		2-Methylphenol	40.000	38.941	2.6	147	0.00
18		Hexachloroethane	40.000	40.285	-0.7	155	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	36.932	7.7	142	-0.01
20		3+4-Methylphenols	40.000	37.445	6.4	143	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	141	-0.01
22		Acetophenone	40.000	39.724	0.7	144	-0.01
23	S	Nitrobenzene-d5	80.000	81.472	-1.8	148	-0.01
24		Nitrobenzene	40.000	40.281	-0.7	145	0.00
25		Isophorone	40.000	38.795	3.0	142	-0.01
26	C	2-Nitrophenol	40.000	41.691	-4.2	147	-0.01
27		2,4-Dimethylphenol	40.000	39.443	1.4	140	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.722	3.2	141	-0.01
29	C	2,4-Dichlorophenol	40.000	39.723	0.7	142	0.00
30		1,2,4-Trichlorobenzene	40.000	39.714	0.7	145	-0.01
31		Naphthalene	40.000	39.081	2.3	143	-0.01
32		Benzoic acid	40.000	40.466	-1.2	144	0.02
33		4-Chloroaniline	40.000	38.334	4.2	137	-0.01
34	C	Hexachlorobutadiene	40.000	40.037	-0.1	145	-0.02
35		Caprolactam	40.000	37.371	6.6	136	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.708	3.2	140	0.00
37		2-Methylnaphthalene	40.000	38.444	3.9	140	-0.01
38		1-Methylnaphthalene	40.000	37.588	6.0	139	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	130	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	41.548	-3.9	139	-0.02
41	P	Hexachlorocyclopentadiene	40.000	43.311	-8.3	141	-0.02
42	S	2,4,6-Tribromophenol	80.000	83.055	-3.8	138	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.513	-6.3	141	0.00
44		2,4,5-Trichlorophenol	40.000	42.543	-6.4	139	0.01
45	S	2-Fluorobiphenyl	80.000	79.459	0.7	135	-0.02
46		1,1'-Biphenyl	40.000	40.352	-0.9	135	-0.01
47		2-Chloronaphthalene	40.000	40.519	-1.3	135	-0.01

Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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	42.723	-6.8	138	-0.01
49		Acenaphthylene	40.000	40.292	-0.7	135	-0.02
50		Dimethylphthalate	40.000	39.793	0.5	135	-0.02
51		2,6-Dinitrotoluene	40.000	41.079	-2.7	133	0.00
52	C	Acenaphthene	40.000	39.001	2.5	133	-0.01
53		3-Nitroaniline	40.000	40.597	-1.5	134	0.00
54	P	2,4-Dinitrophenol	40.000	49.987	-25.0	164	0.00
55		Dibenzofuran	40.000	39.350	1.6	132	0.00
56	P	4-Nitrophenol	40.000	38.533	3.7	128	0.03
57		2,4-Dinitrotoluene	40.000	40.818	-2.0	133	0.00
58		Fluorene	40.000	38.819	3.0	132	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.510	-1.3	135	0.00
60		Diethylphthalate	40.000	39.661	0.8	133	0.00
61		4-Chlorophenyl-phenylether	40.000	39.502	1.2	134	0.00
62		4-Nitroaniline	40.000	40.483	-1.2	133	0.00
63		Azobenzene	40.000	40.216	-0.5	134	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	128	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.412	-13.5	147	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.379	1.6	130	0.00
67		4-Bromophenyl-phenylether	40.000	40.536	-1.3	134	0.00
68		Hexachlorobenzene	40.000	40.563	-1.4	137	0.00
69		Atrazine	40.000	39.294	1.8	131	0.00
70	C	Pentachlorophenol	40.000	39.786	0.5	130	0.00
71		Phenanthrene	40.000	39.153	2.1	132	0.00
72		Anthracene	40.000	39.548	1.1	131	0.00
73		Carbazole	40.000	38.538	3.7	129	0.00
74		Di-n-butylphthalate	40.000	39.626	0.9	132	0.00
75	C	Fluoranthene	40.000	37.670	5.8	128	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	123	-0.01
77		Benzidine	40.000	38.109	4.7	83	0.00
78		Pyrene	40.000	39.921	0.2	126	0.00
79	S	Terphenyl-d14	80.000	80.370	-0.5	130	0.00
80		Butylbenzylphthalate	40.000	41.353	-3.4	130	0.00
81		Benzo(a)anthracene	40.000	39.246	1.9	126	-0.02
82		3,3'-Dichlorobenzidine	40.000	40.161	-0.4	126	0.00
83		Chrysene	40.000	39.608	1.0	128	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	40.185	-0.5	130	-0.03
85	c	Di-n-octyl phthalate	40.000	41.424	-3.6	132	-0.03
86	I	Perylene-d12	20.000	20.000	0.0	126	-0.04
87		Indeno(1,2,3-cd)pyrene	40.000	39.314	1.7	129	-0.03
88		Benzo(b)fluoranthene	40.000	39.263	1.8	129	-0.02
89		Benzo(k)fluoranthene	40.000	38.657	3.4	128	-0.02
90	C	Benzo(a)pyrene	40.000	38.942	2.6	128	-0.02
91		Dibenzo(a,h)anthracene	40.000	39.344	1.6	129	-0.05
92		Benzo(g,h,i)perylene	40.000	38.932	2.7	127	-0.02

Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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

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.: Q2936

Instrument ID: BNA_P Calibration Date/Time: 08/27/2025 09:39

Lab File ID: BP025596.D Init. Calib. Date(s): 08/14/2025 08/14/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.204		0.0	
Benzaldehyde	1.082	1.320		22.0	
Phenol-d6	1.544	1.563		1.2	
Phenol	1.620	1.636		1.0	20.0
bis(2-Chloroethyl)ether	1.263	1.242		-1.7	
2-Chlorophenol	1.359	1.356		-0.2	
2-Methylphenol	1.125	1.127		0.2	
2,2-oxybis(1-Chloropropane)	1.692	1.723		1.8	
Acetophenone	0.502	0.496		-1.2	
3+4-Methylphenols	1.560	1.513		-3.0	
n-Nitroso-di-n-propylamine	1.023	1.032	0.050	0.9	
Nitrobenzene-d5	0.395	0.395		0.0	
Hexachloroethane	0.563	0.563		0.0	
Nitrobenzene	0.353	0.352		-0.3	
Isophorone	0.700	0.708		1.1	
2-Nitrophenol	0.181	0.187		3.3	20.0
2,4-Dimethylphenol	0.312	0.310		-0.6	
bis(2-Chloroethoxy)methane	0.423	0.417		-1.4	
2,4-Dichlorophenol	0.310	0.310		0.0	20.0
Naphthalene	1.040	1.018		-2.1	
4-Chloroaniline	0.459	0.458		-0.2	
Hexachlorobutadiene	0.211	0.206		-2.4	20.0
Caprolactam	0.114	0.121		6.1	
4-Chloro-3-methylphenol	0.355	0.363		2.3	20.0
2-Methylnaphthalene	0.676	0.657		-2.8	
Hexachlorocyclopentadiene	0.349	0.280	0.050	-19.8	
2,4,6-Trichlorophenol	0.390	0.385		-1.3	20.0
2-Fluorobiphenyl	1.463	1.415		-3.3	
2,4,5-Trichlorophenol	0.427	0.424		-0.7	
1,1-Biphenyl	1.453	1.400		-3.6	
2-Chloronaphthalene	1.131	1.094		-3.3	
2-Nitroaniline	0.329	0.360		9.4	
Dimethylphthalate	1.465	1.499		2.3	
Acenaphthylene	1.871	1.827		-2.4	
2,6-Dinitrotoluene	0.309	0.331		7.1	
3-Nitroaniline	0.347	0.364		4.9	
Acenaphthene	1.098	1.046		-4.7	20.0
2,4-Dinitrophenol	0.165	0.204	0.050	23.6	
4-Nitrophenol	0.285	0.275	0.050	-3.5	

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.: Q2936

Instrument ID: BNA_P Calibration Date/Time: 08/27/2025 09:39

Lab File ID: BP025596.D Init. Calib. Date(s): 08/14/2025 08/14/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.718		-1.0	
2,4-Dinitrotoluene	0.440	0.481		9.3	
Diethylphthalate	1.488	1.550		4.2	
4-Chlorophenyl-phenylether	0.681	0.690		1.3	
Fluorene	1.370	1.386		1.2	
4-Nitroaniline	0.356	0.391		9.8	
4,6-Dinitro-2-methylphenol	0.125	0.142		13.6	
n-Nitrosodiphenylamine	0.610	0.593		-2.8	20.0
2,4,6-Tribromophenol	0.269	0.296		10.0	
4-Bromophenyl-phenylether	0.220	0.217		-1.4	
Hexachlorobenzene	0.255	0.256		0.4	
Atrazine	0.228	0.234		2.6	
Pentachlorophenol	0.161	0.155		-3.7	20.0
Phenanthrene	1.099	1.066		-3.0	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.047		-0.9	
Di-n-butylphthalate	1.300	1.367		5.2	
Fluoranthene	1.311	1.324		1.0	20.0
Pyrene	1.300	1.296		-0.3	
Terphenyl-d14	1.093	1.122		2.7	
Butylbenzylphthalate	0.589	0.630		7.0	
3,3-Dichlorobenzidine	0.497	0.494		-0.6	
Benzo(a)anthracene	1.319	1.299		-1.5	
Chrysene	1.235	1.231		-0.3	
Bis(2-ethylhexyl)phthalate	0.867	0.884		2.0	
Di-n-octyl phthalate	1.492	1.545		3.6	20.0
Benzo(b)fluoranthene	1.179	1.165		-1.2	
Benzo(k)fluoranthene	1.180	1.169		-0.9	
Benzo(a)pyrene	1.148	1.139		-0.8	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.427		-2.7	
Dibenzo(a,h)anthracene	1.199	1.176		-1.9	
Benzo(g,h,i)perylene	1.178	1.148		-2.5	
1,2,4,5-Tetrachlorobenzene	0.578	0.565		-2.2	
1,4-Dioxane	0.472	0.463		-1.9	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.394		4.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	161611	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	681785	20.000	ng	-0.02
39) Acenaphthene-d10	14.396	164	463868	20.000	ng	-0.01
64) Phenanthrene-d10	17.207	188	978179	20.000	ng	0.00
76) Chrysene-d12	21.642	240	1036724	20.000	ng	0.00
86) Perylene-d12	25.001	264	1177638	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	778278	79.975	ng	0.00
7) Phenol-d6	6.967	99	1010169	80.965	ng	0.00
23) Nitrobenzene-d5	8.919	82	1076213	79.850	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	549909	88.074	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2624819	77.334	ng	-0.01
79) Terphenyl-d14	19.919	244	4654437	82.140	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	149495	39.219	ng	99
3) Pyridine	3.720	79	409189	39.220	ng	95
4) n-Nitrosodimethylamine	3.626	42	182771	42.492	ng	98
6) Aniline	7.114	93	676634	40.251	ng	97
8) 2-Chlorophenol	7.349	128	438161	39.900	ng	98
9) Benzaldehyde	6.931	77	426718	48.816	ng	97
10) Phenol	6.990	94	528849	40.395	ng	99
11) bis(2-Chloroethyl)ether	7.202	93	401542	39.351	ng	98
12) 1,3-Dichlorobenzene	7.666	146	477862	39.463	ng	99
13) 1,4-Dichlorobenzene	7.814	146	488238	39.448	ng	99
14) 1,2-Dichlorobenzene	8.125	146	472173	39.411	ng	99
15) Benzyl Alcohol	8.014	79	399160	40.264	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.296	45	556824	40.735	ng	100
17) 2-Methylphenol	8.219	107	364205	40.055	ng	99
18) Hexachloroethane	8.843	117	181852	39.962	ng	96
19) n-Nitroso-di-n-propyla...	8.572	70	333477	40.352	ng	99
20) 3+4-Methylphenols	8.543	107	488967	38.796	ng	100
22) Acetophenone	8.584	105	676704	39.578	ng	98
24) Nitrobenzene	8.961	77	479758	39.829	ng	98
25) Isophorone	9.484	82	965178	40.465	ng	98
26) 2-Nitrophenol	9.666	139	254434	41.159	ng	99
27) 2,4-Dimethylphenol	9.725	122	422400	39.733	ng	99
28) bis(2-Chloroethoxy)met...	9.955	93	568496	39.429	ng	100
29) 2,4-Dichlorophenol	10.208	162	422695	40.026	ng	99
30) 1,2,4-Trichlorobenzene	10.408	180	452737	39.108	ng	96
31) Naphthalene	10.590	128	1388192	39.174	ng	99
32) Benzoic acid	9.878	122	310275	39.533	ng	99
33) 4-Chloroaniline	10.702	127	625135	39.937	ng	98
34) Hexachlorobutadiene	10.878	225	280228	38.868	ng	98
35) Caprolactam	11.496	113	164315	42.433	ng	99
36) 4-Chloro-3-methylphenol	11.837	107	494469	40.805	ng	97
37) 2-Methylnaphthalene	12.202	142	895986	38.853	ng	99
38) 1-Methylnaphthalene	12.425	142	942809	38.444	ng	100
40) 1,2,4,5-Tetrachloroben...	12.572	216	524176	39.126	ng	99
41) Hexachlorocyclopentadiene	12.549	237	260051	32.135	ng	97
43) 2,4,6-Trichlorophenol	12.819	196	357566	39.534	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

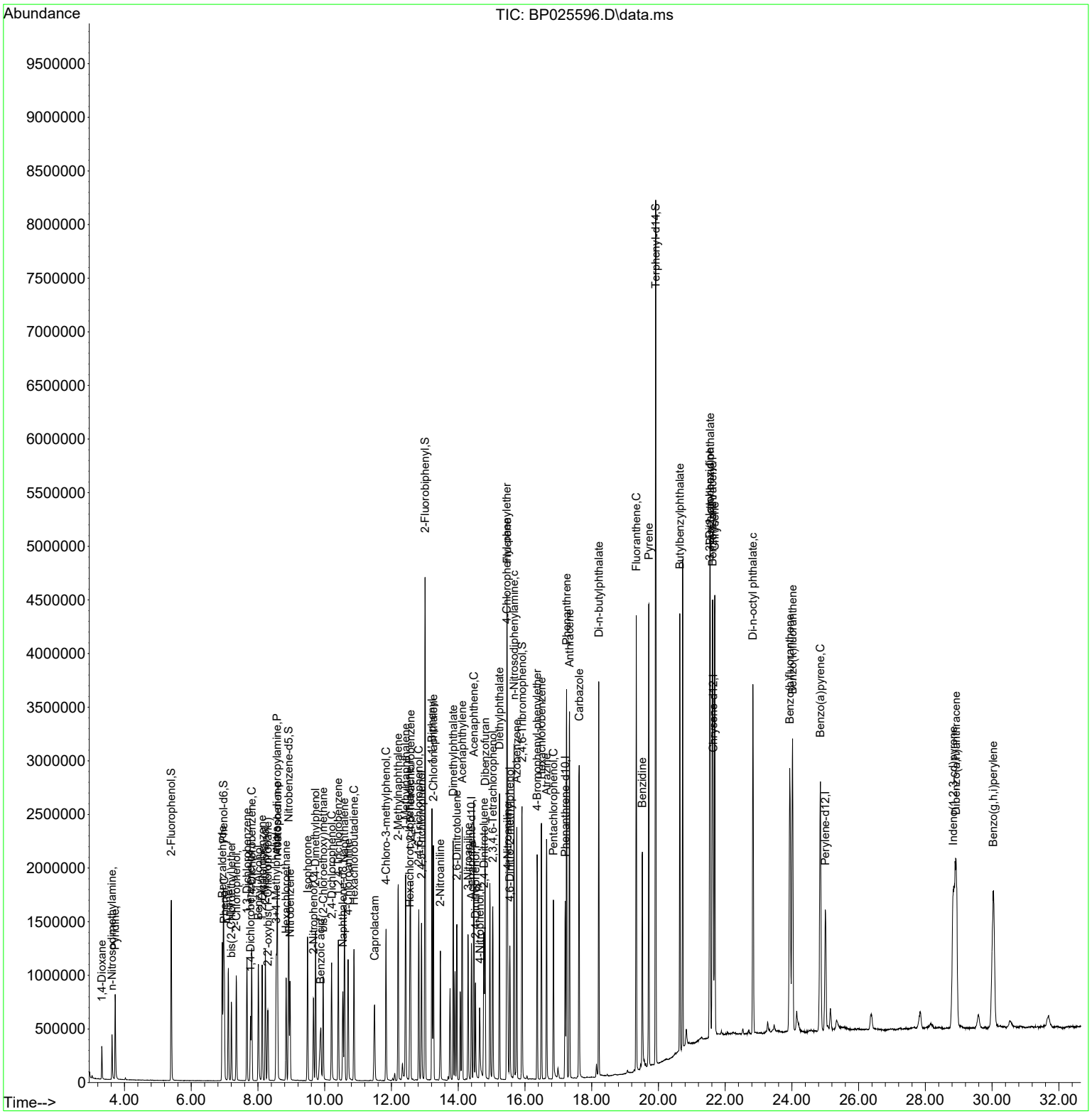
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	392969	39.644	ng		98
46) 1,1'-Biphenyl	13.213	154	1299218	38.565	ng		99
47) 2-Chloronaphthalene	13.254	162	1015269	38.712	ng		99
48) 2-Nitroaniline	13.466	65	333661	43.663	ng		98
49) Acenaphthylene	14.119	152	1694793	39.053	ng		99
50) Dimethylphthalate	13.849	163	1390228	40.927	ng		99
51) 2,6-Dinitrotoluene	13.960	165	307211	42.909	ng		98
52) Acenaphthene	14.466	154	970444	38.097	ng		100
53) 3-Nitroaniline	14.296	138	338029	41.964	ng		94
54) 2,4-Dinitrophenol	14.519	184	189053	49.446	ng		98
55) Dibenzofuran	14.807	168	1594000	39.579	ng		99
56) 4-Nitrophenol	14.643	139	254738	38.484	ng		96
57) 2,4-Dinitrotoluene	14.772	165	446620	43.722	ng		99
58) Fluorene	15.466	166	1285799	40.461	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	365135	41.718	ng		100
60) Diethylphthalate	15.237	149	1438280	41.670	ng		99
61) 4-Chlorophenyl-phenyle...	15.454	204	640441	40.522	ng		98
62) 4-Nitroaniline	15.484	138	362298	43.872	ng		98
63) Azobenzene	15.754	77	1264906	42.799	ng		99
65) 4,6-Dinitro-2-methylph...	15.548	198	277206	45.462	ng		93
66) n-Nitrosodiphenylamine	15.672	169	1160960	38.921	ng		99
67) 4-Bromophenyl-phenylether	16.366	248	425056	39.510	ng		98
68) Hexachlorobenzene	16.495	284	501785	40.236	ng		96
69) Atrazine	16.648	200	458294	41.026	ng		99
70) Pentachlorophenol	16.854	266	303401	38.540	ng		98
71) Phenanthrene	17.248	178	2085730	38.815	ng		99
72) Anthracene	17.337	178	2177823	39.688	ng		100
73) Carbazole	17.625	167	2047731	39.618	ng		99
74) Di-n-butylphthalate	18.213	149	2675162	42.068	ng		99
75) Fluoranthene	19.336	202	2590880	40.422	ng		99
77) Benzidine	19.519	184	1317371	37.234	ng		99
78) Pyrene	19.713	202	2686396	39.867	ng		99
80) Butylbenzylphthalate	20.642	149	1305936	42.763	ng		99
81) Benzo(a)anthracene	21.619	228	2693701	39.398	ng		100
82) 3,3'-Dichlorobenzidine	21.536	252	1024594	39.757	ng		98
83) Chrysene	21.689	228	2553149	39.874	ng		99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1832953	40.773	ng		99
85) Di-n-octyl phthalate	22.830	149	3203052	41.423	ng		98
87) Indeno(1,2,3-cd)pyrene	28.836	276	3360807	38.915	ng	#	80
88) Benzo(b)fluoranthene	23.936	252	2744704	39.525	ng		100
89) Benzo(k)fluoranthene	24.019	252	2754230	39.635	ng		99
90) Benzo(a)pyrene	24.854	252	2682309	39.681	ng		99
91) Dibenzo(a,h)anthracene	28.918	278	2770600	39.257	ng		99
92) Benzo(g,h,i)perylene	30.030	276	2704833	38.988	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
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Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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	102	-0.02
2		1,4-Dioxane	0.472	0.463	1.9	107	-0.02
3		Pyridine	1.291	1.266	1.9	106	-0.01
4		n-Nitrosodimethylamine	0.532	0.565	-6.2	113	-0.01
5	S	2-Fluorophenol	1.204	1.204	0.0	106	0.00
6		Aniline	2.080	2.093	-0.6	106	-0.01
7	S	Phenol-d6	1.544	1.563	-1.2	106	0.00
8		2-Chlorophenol	1.359	1.356	0.2	106	-0.02
9		Benzaldehyde	1.082	1.320	-22.0	99	-0.01
10	C	Phenol	1.620	1.636	-1.0	106	0.00
11		bis(2-Chloroethyl)ether	1.263	1.242	1.7	104	-0.02
12		1,3-Dichlorobenzene	1.499	1.478	1.4	105	-0.02
13	C	1,4-Dichlorobenzene	1.532	1.511	1.4	105	-0.02
14		1,2-Dichlorobenzene	1.483	1.461	1.5	105	-0.02
15		Benzyl Alcohol	1.227	1.235	-0.7	106	-0.01
16		2,2'-oxybis(1-Chloropropane	1.692	1.723	-1.8	109	-0.02
17		2-Methylphenol	1.125	1.127	-0.2	104	0.00
18		Hexachloroethane	0.563	0.563	0.0	106	-0.02
19	P	n-Nitroso-di-n-propylamine	1.023	1.032	-0.9	107	-0.02
20		3+4-Methylphenols	1.560	1.513	3.0	102	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	103	-0.02
22		Acetophenone	0.502	0.496	1.2	105	-0.02
23	S	Nitrobenzene-d5	0.395	0.395	0.0	106	-0.02
24		Nitrobenzene	0.353	0.352	0.3	105	-0.01
25		Isophorone	0.700	0.708	-1.1	108	-0.02
26	C	2-Nitrophenol	0.181	0.187	-3.3	106	-0.01
27		2,4-Dimethylphenol	0.312	0.310	0.6	103	-0.02
28		bis(2-Chloroethoxy)methane	0.423	0.417	1.4	105	-0.02
29	C	2,4-Dichlorophenol	0.310	0.310	0.0	104	0.00
30		1,2,4-Trichlorobenzene	0.340	0.332	2.4	104	-0.02
31		Naphthalene	1.040	1.018	2.1	105	-0.02
32		Benzoic acid	0.230	0.228	0.9	103	0.00
33		4-Chloroaniline	0.459	0.458	0.2	104	-0.01
34	C	Hexachlorobutadiene	0.211	0.206	2.4	103	-0.02
35		Caprolactam	0.114	0.121	-6.1	113	0.00
36	C	4-Chloro-3-methylphenol	0.355	0.363	-2.3	108	0.00
37		2-Methylnaphthalene	0.676	0.657	2.8	104	-0.02
38		1-Methylnaphthalene	0.719	0.691	3.9	104	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	105	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.578	0.565	2.2	106	-0.02
41	P	Hexachlorocyclopentadiene	0.349	0.280	19.8	85	-0.02
42	S	2,4,6-Tribromophenol	0.269	0.296	-10.0	119	0.00
43	C	2,4,6-Trichlorophenol	0.390	0.385	1.3	106	0.00
44		2,4,5-Trichlorophenol	0.427	0.424	0.7	105	0.00
45	S	2-Fluorobiphenyl	1.463	1.415	3.3	107	-0.01
46		1,1'-Biphenyl	1.453	1.400	3.6	105	-0.02
47		2-Chloronaphthalene	1.131	1.094	3.3	105	-0.02

Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.329	0.360	-9.4	115	0.00
49		Acenaphthylene	1.871	1.827	2.4	106	0.00
50		Dimethylphthalate	1.465	1.499	-2.3	112	-0.01
51		2,6-Dinitrotoluene	0.309	0.331	-7.1	113	0.00
52	C	Acenaphthene	1.098	1.046	4.7	106	0.00
53		3-Nitroaniline	0.347	0.364	-4.9	112	0.00
54	P	2,4-Dinitrophenol	0.165	0.204	-23.6	131	0.01
55		Dibenzofuran	1.736	1.718	1.0	108	0.00
56	P	4-Nitrophenol	0.285	0.275	3.5	103	0.03
57		2,4-Dinitrotoluene	0.440	0.481	-9.3	116	0.00
58		Fluorene	1.370	1.386	-1.2	112	0.00
59		2,3,4,6-Tetrachlorophenol	0.377	0.394	-4.5	113	0.00
60		Diethylphthalate	1.488	1.550	-4.2	114	0.00
61		4-Chlorophenyl-phenylether	0.681	0.690	-1.3	111	0.00
62		4-Nitroaniline	0.356	0.391	-9.8	117	0.00
63		Azobenzene	1.274	1.363	-7.0	116	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	111	0.00
65		4,6-Dinitro-2-methylphenol	0.125	0.142	-13.6	128	0.00
66	c	n-Nitrosodiphenylamine	0.610	0.593	2.8	111	0.00
67		4-Bromophenyl-phenylether	0.220	0.217	1.4	113	0.00
68		Hexachlorobenzene	0.255	0.256	-0.4	117	0.00
69		Atrazine	0.228	0.234	-2.6	119	0.00
70	C	Pentachlorophenol	0.161	0.155	3.7	109	0.01
71		Phenanthrene	1.099	1.066	3.0	113	0.00
72		Anthracene	1.122	1.113	0.8	114	0.00
73		Carbazole	1.057	1.047	0.9	115	0.01
74		Di-n-butylphthalate	1.300	1.367	-5.2	122	0.00
75	C	Fluoranthene	1.311	1.324	-1.0	119	0.01
76	I	Chrysene-d12	1.000	1.000	0.0	115	0.00
77		Benzidine	0.683	0.635	7.0	76	0.00
78		Pyrene	1.300	1.296	0.3	117	0.01
79	S	Terphenyl-d14	1.093	1.122	-2.7	124	0.00
80		Butylbenzylphthalate	0.589	0.630	-7.0	125	0.00
81		Benzo(a)anthracene	1.319	1.299	1.5	118	-0.01
82		3,3'-Dichlorobenzidine	0.497	0.494	0.6	117	0.00
83		Chrysene	1.235	1.231	0.3	120	0.00
84		Bis(2-ethylhexyl)phthalate	0.867	0.884	-2.0	123	-0.03
85	c	Di-n-octyl phthalate	1.492	1.545	-3.6	123	-0.04
86	I	Perylene-d12	1.000	1.000	0.0	115	-0.03
87		Indeno(1,2,3-cd)pyrene	1.467	1.427	2.7	117	-0.03
88		Benzo(b)fluoranthene	1.179	1.165	1.2	118	-0.02
89		Benzo(k)fluoranthene	1.180	1.169	0.9	119	-0.01
90	C	Benzo(a)pyrene	1.148	1.139	0.8	118	0.00
91		Dibenzo(a,h)anthracene	1.199	1.176	1.9	117	-0.04
92		Benzo(g,h,i)perylene	1.178	1.148	2.5	116	-0.03

Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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	102	-0.02
2		1,4-Dioxane	40.000	39.219	2.0	107	-0.02
3		Pyridine	40.000	39.220	2.0	106	-0.01
4		n-Nitrosodimethylamine	40.000	42.492	-6.2	113	-0.01
5	S	2-Fluorophenol	80.000	79.975	0.0	106	0.00
6		Aniline	40.000	40.251	-0.6	106	-0.01
7	S	Phenol-d6	80.000	80.965	-1.2	106	0.00
8		2-Chlorophenol	40.000	39.900	0.3	106	-0.02
9		Benzaldehyde	40.000	48.816	-22.0	99	-0.01
10	C	Phenol	40.000	40.395	-1.0	106	0.00
11		bis(2-Chloroethyl)ether	40.000	39.351	1.6	104	-0.02
12		1,3-Dichlorobenzene	40.000	39.463	1.3	105	-0.02
13	C	1,4-Dichlorobenzene	40.000	39.448	1.4	105	-0.02
14		1,2-Dichlorobenzene	40.000	39.411	1.5	105	-0.02
15		Benzyl Alcohol	40.000	40.264	-0.7	106	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	40.735	-1.8	109	-0.02
17		2-Methylphenol	40.000	40.055	-0.1	104	0.00
18		Hexachloroethane	40.000	39.962	0.1	106	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	40.352	-0.9	107	-0.02
20		3+4-Methylphenols	40.000	38.796	3.0	102	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	103	-0.02
22		Acetophenone	40.000	39.578	1.1	105	-0.02
23	S	Nitrobenzene-d5	80.000	79.850	0.2	106	-0.02
24		Nitrobenzene	40.000	39.829	0.4	105	-0.01
25		Isophorone	40.000	40.465	-1.2	108	-0.02
26	C	2-Nitrophenol	40.000	41.159	-2.9	106	-0.01
27		2,4-Dimethylphenol	40.000	39.733	0.7	103	-0.02
28		bis(2-Chloroethoxy)methane	40.000	39.429	1.4	105	-0.02
29	C	2,4-Dichlorophenol	40.000	40.026	-0.1	104	0.00
30		1,2,4-Trichlorobenzene	40.000	39.108	2.2	104	-0.02
31		Naphthalene	40.000	39.174	2.1	105	-0.02
32		Benzoic acid	40.000	39.533	1.2	103	0.00
33		4-Chloroaniline	40.000	39.937	0.2	104	-0.01
34	C	Hexachlorobutadiene	40.000	38.868	2.8	103	-0.02
35		Caprolactam	40.000	42.433	-6.1	113	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.805	-2.0	108	0.00
37		2-Methylnaphthalene	40.000	38.853	2.9	104	-0.02
38		1-Methylnaphthalene	40.000	38.444	3.9	104	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	105	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	39.126	2.2	106	-0.02
41	P	Hexachlorocyclopentadiene	40.000	32.135	19.7	85	-0.02
42	S	2,4,6-Tribromophenol	80.000	88.074	-10.1	119	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.534	1.2	106	0.00
44		2,4,5-Trichlorophenol	40.000	39.644	0.9	105	0.00
45	S	2-Fluorobiphenyl	80.000	77.334	3.3	107	-0.01
46		1,1'-Biphenyl	40.000	38.565	3.6	105	-0.02
47		2-Chloronaphthalene	40.000	38.712	3.2	105	-0.02

Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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	43.663	-9.2	115	0.00
49		Acenaphthylene	40.000	39.053	2.4	106	0.00
50		Dimethylphthalate	40.000	40.927	-2.3	112	-0.01
51		2,6-Dinitrotoluene	40.000	42.909	-7.3	113	0.00
52	C	Acenaphthene	40.000	38.097	4.8	106	0.00
53		3-Nitroaniline	40.000	41.964	-4.9	112	0.00
54	P	2,4-Dinitrophenol	40.000	49.446	-23.6	131	0.01
55		Dibenzofuran	40.000	39.579	1.1	108	0.00
56	P	4-Nitrophenol	40.000	38.484	3.8	103	0.03
57		2,4-Dinitrotoluene	40.000	43.722	-9.3	116	0.00
58		Fluorene	40.000	40.461	-1.2	112	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.718	-4.3	113	0.00
60		Diethylphthalate	40.000	41.670	-4.2	114	0.00
61		4-Chlorophenyl-phenylether	40.000	40.522	-1.3	111	0.00
62		4-Nitroaniline	40.000	43.872	-9.7	117	0.00
63		Azobenzene	40.000	42.799	-7.0	116	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	111	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.462	-13.7	128	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.921	2.7	111	0.00
67		4-Bromophenyl-phenylether	40.000	39.510	1.2	113	0.00
68		Hexachlorobenzene	40.000	40.236	-0.6	117	0.00
69		Atrazine	40.000	41.026	-2.6	119	0.00
70	C	Pentachlorophenol	40.000	38.540	3.7	109	0.01
71		Phenanthrene	40.000	38.815	3.0	113	0.00
72		Anthracene	40.000	39.688	0.8	114	0.00
73		Carbazole	40.000	39.618	1.0	115	0.01
74		Di-n-butylphthalate	40.000	42.068	-5.2	122	0.00
75	C	Fluoranthene	40.000	40.422	-1.1	119	0.01
76	I	Chrysene-d12	20.000	20.000	0.0	115	0.00
77		Benzidine	40.000	37.234	6.9	76	0.00
78		Pyrene	40.000	39.867	0.3	117	0.01
79	S	Terphenyl-d14	80.000	82.140	-2.7	124	0.00
80		Butylbenzylphthalate	40.000	42.763	-6.9	125	0.00
81		Benzo(a)anthracene	40.000	39.398	1.5	118	-0.01
82		3,3'-Dichlorobenzidine	40.000	39.757	0.6	117	0.00
83		Chrysene	40.000	39.874	0.3	120	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.773	-1.9	123	-0.03
85	c	Di-n-octyl phthalate	40.000	41.423	-3.6	123	-0.04
86	I	Perylene-d12	20.000	20.000	0.0	115	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	38.915	2.7	117	-0.03
88		Benzo(b)fluoranthene	40.000	39.525	1.2	118	-0.02
89		Benzo(k)fluoranthene	40.000	39.635	0.9	119	-0.01
90	C	Benzo(a)pyrene	40.000	39.681	0.8	118	0.00
91		Dibenzo(a,h)anthracene	40.000	39.257	1.9	117	-0.04
92		Benzo(g,h,i)perylene	40.000	38.988	2.5	116	-0.03

Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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

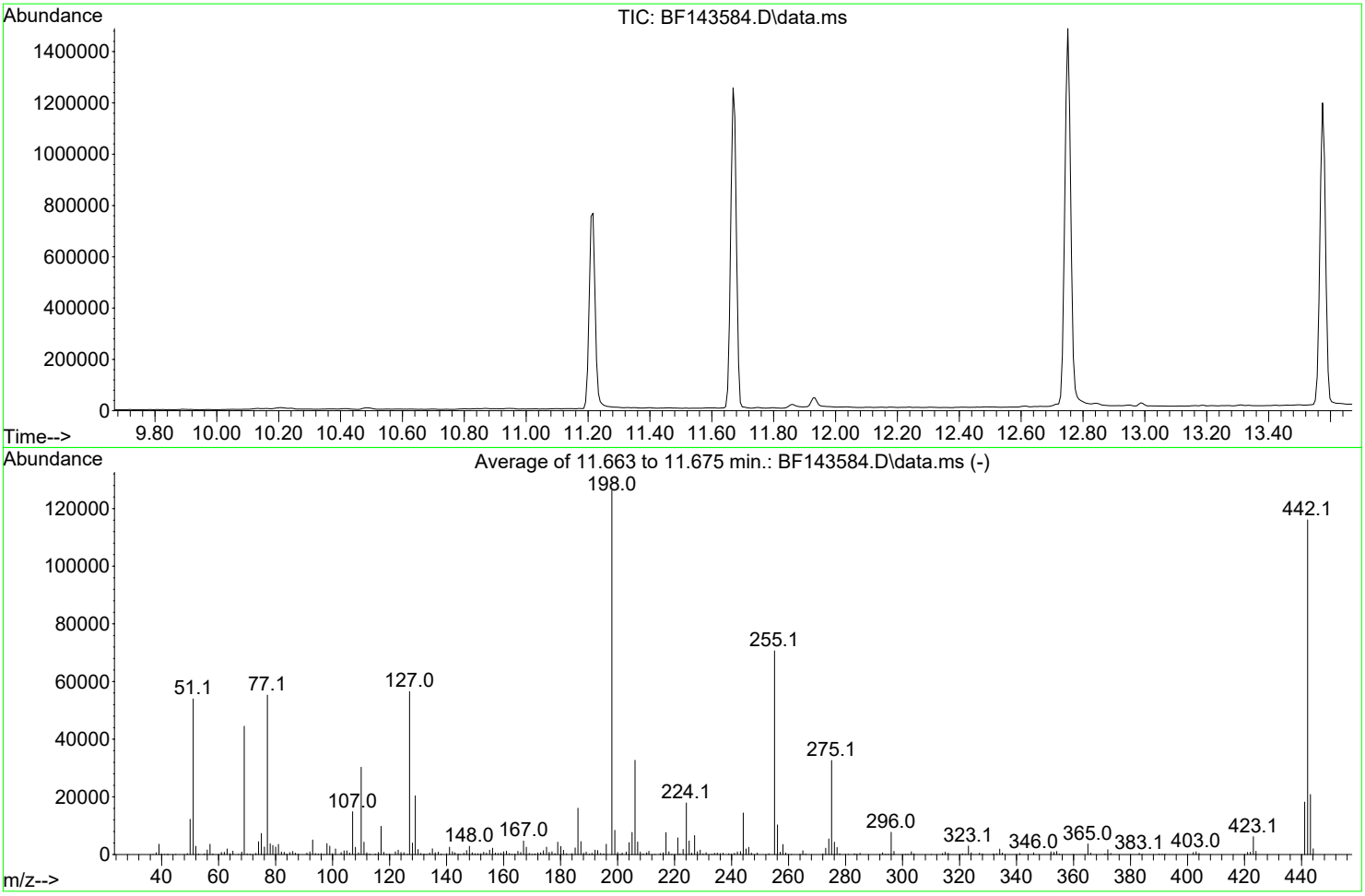
Sample Results: **BF143584.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143584.D
Acq On : 26 Aug 2025 08:36
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-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 26 16:30:52 2025



AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1604

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	866	PASS
69	69	100	100	100.0	44507	PASS
70	69	0.00	2	0.6	286	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	126253	PASS
199	198	5	9	6.7	8415	PASS
365	198	1	100	2.9	3677	PASS
441	443	0.01	150	87.5	18206	PASS
442	442	100	100	100.0	116075	PASS
443	442	15	24	17.9	20814	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/26/2025	BNA_F	BF143584.D
Compound Name	**Response**	**Retention Time**
DDT	230164	13.574
DDD	919	13.31
DDE	0	12.974
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
919	231083	0.40

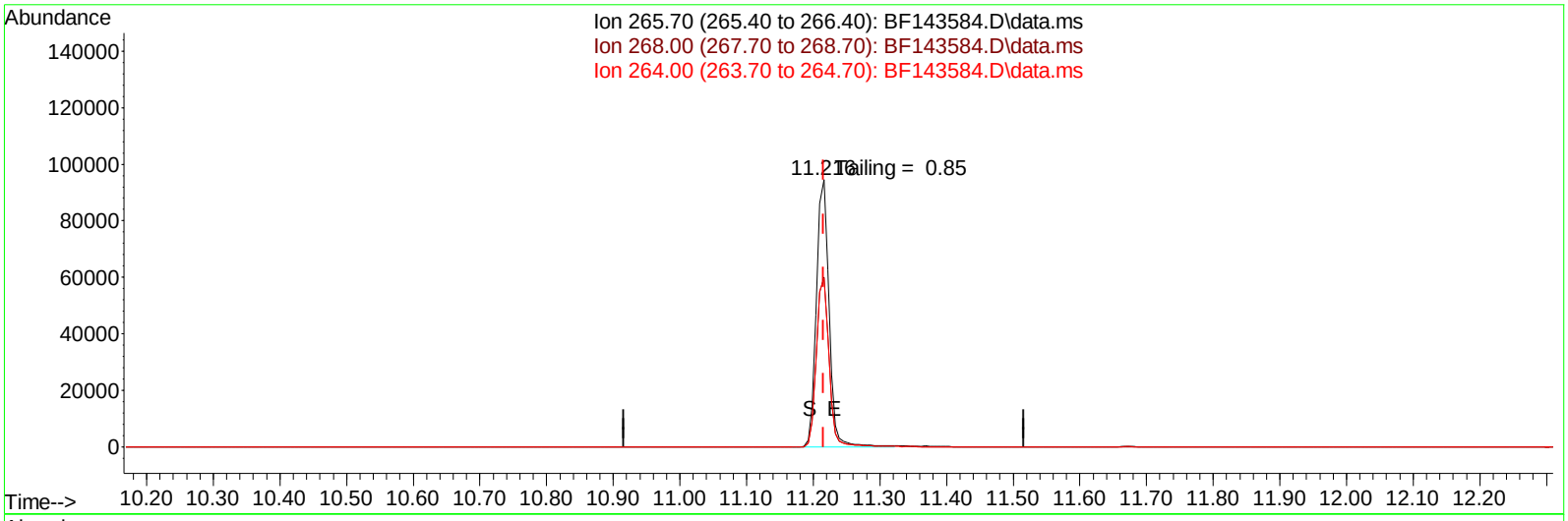
Instrument :
BNA_F
ClientSampleId :
DFTPP

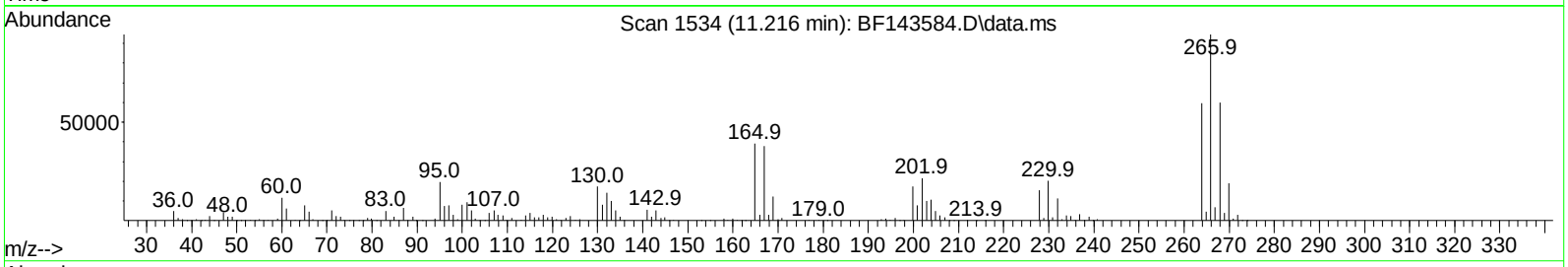
Sample Results: **BF143584.D**

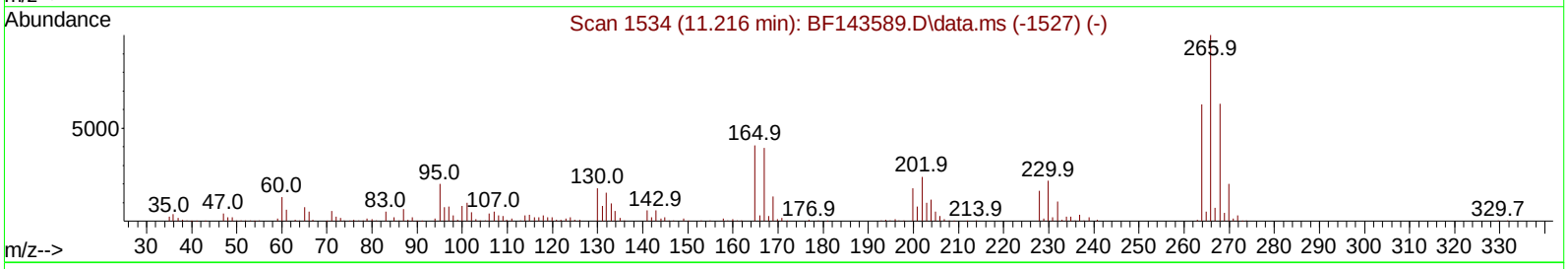
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143584.D
Acq On : 26 Aug 2025 08:36
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 26 16:49:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration







TIC: BF143584.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.000) 43843.49 ng

response 124332

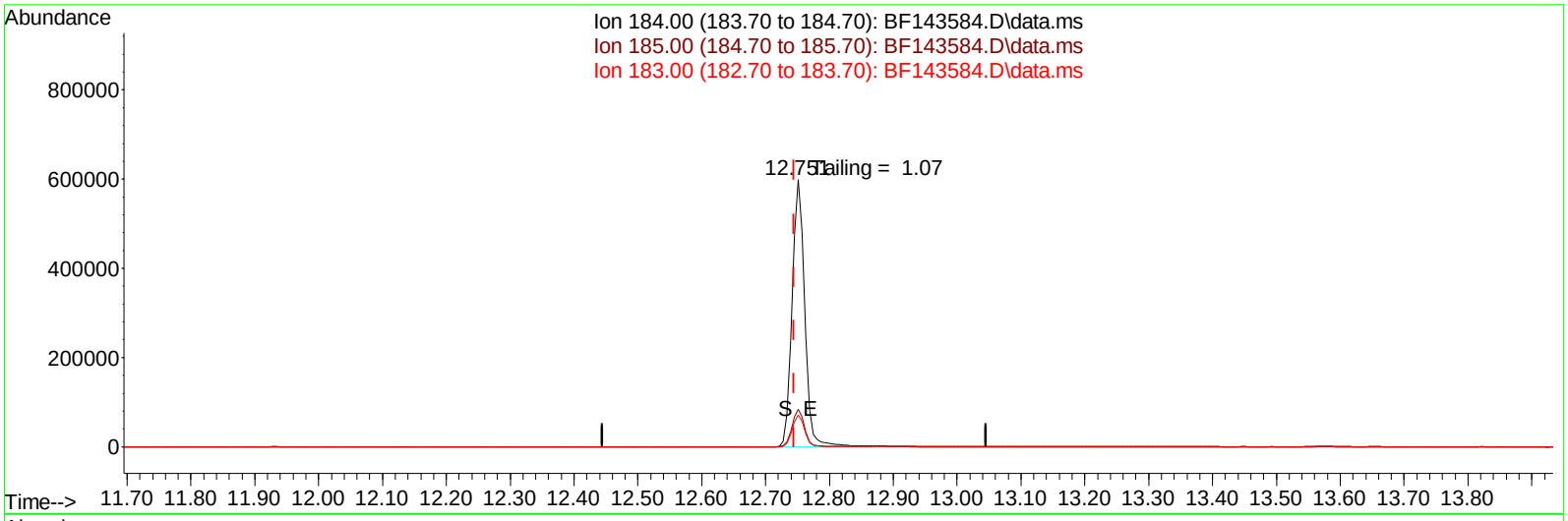
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	63.55
264.00	62.60	63.20
0.00	0.00	0.00

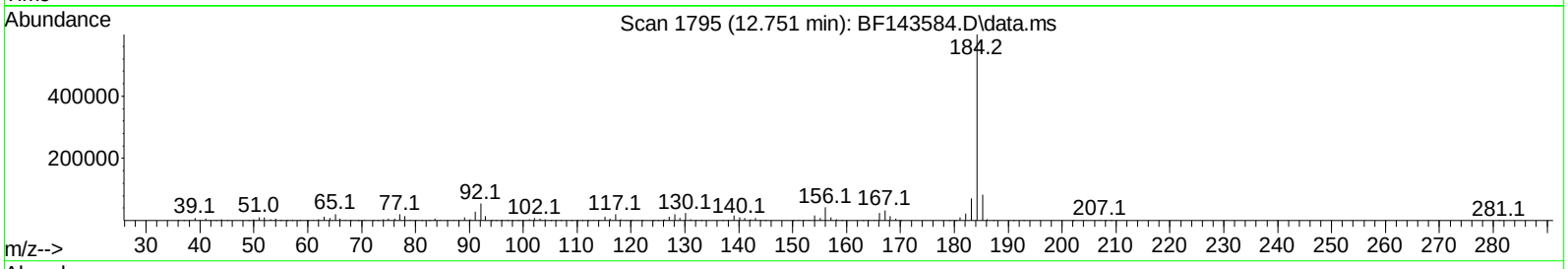
Sample Results: **BF143584.D**

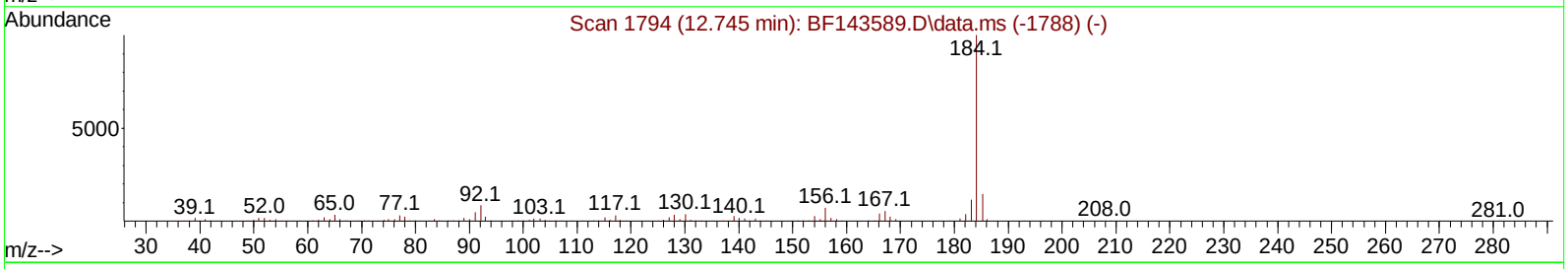
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143584.D
Acq On : 26 Aug 2025 08:36
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 26 16:49:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration







TIC: BF143584.D\data.ms

(77) Benzidine

12.751min (+ 0.006) 32424.16 ng

response 824131

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.06
183.00	11.40	11.84
0.00	0.00	0.00

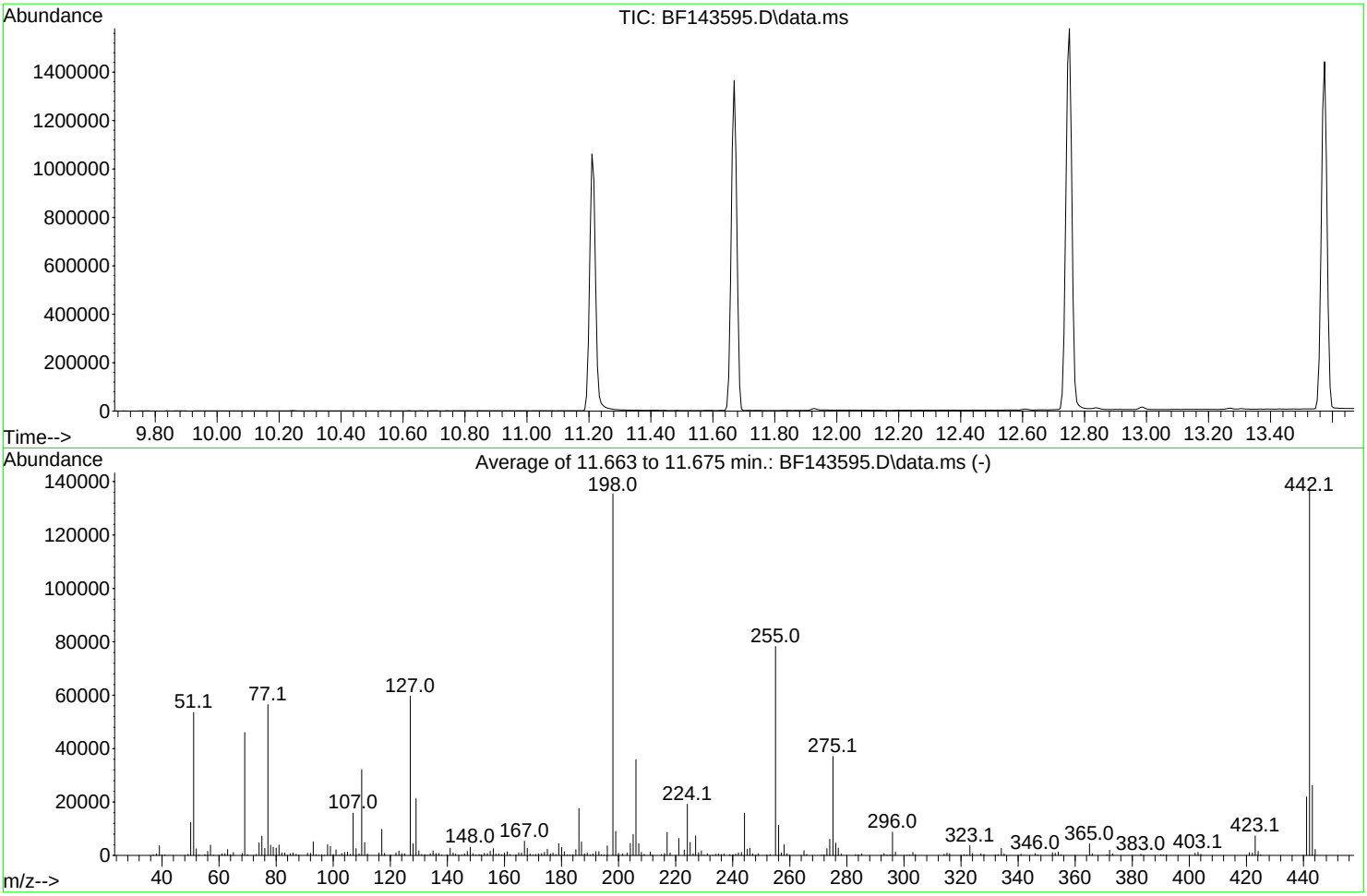
Sample Results: **BF143595.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143595.D
Acq On : 27 Aug 2025 08:48
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-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 26 16:30:52 2025



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

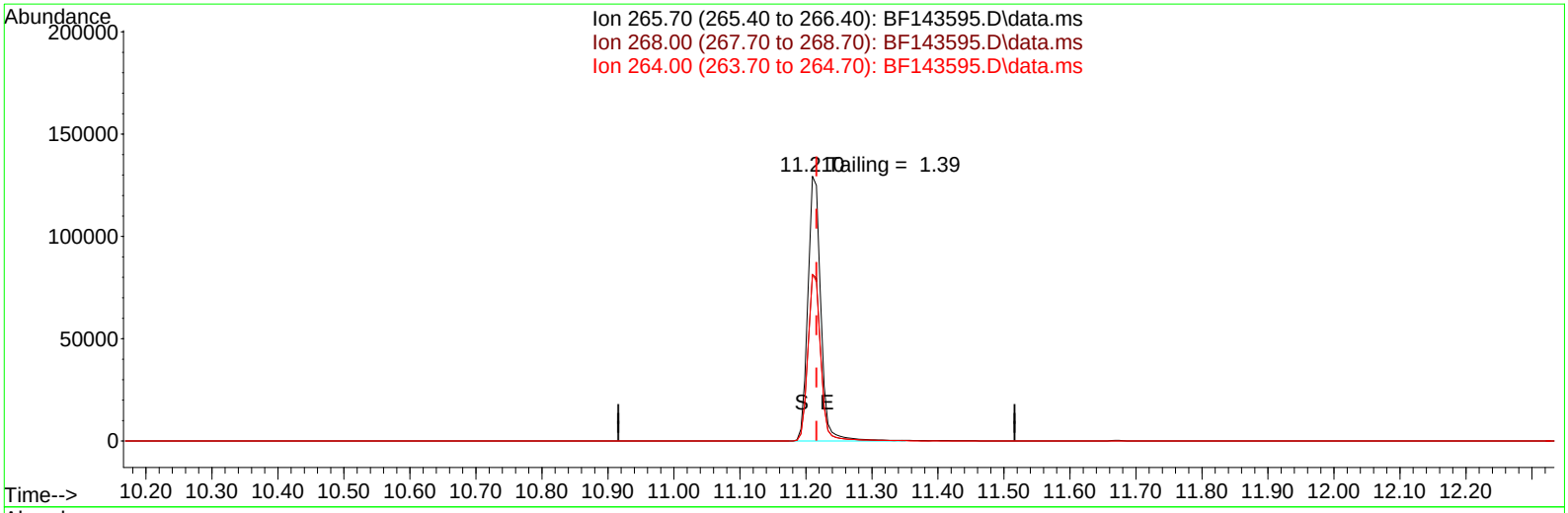
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	756	PASS
69	69	100	100	100.0	45984	PASS
70	69	0.00	2	0.6	286	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	135429	PASS
199	198	5	9	6.6	8998	PASS
365	198	1	100	3.2	4332	PASS
441	443	0.01	150	83.6	21883	PASS
442	442	100	100	100.0	136464	PASS
443	442	15	24	19.2	26173	PASS

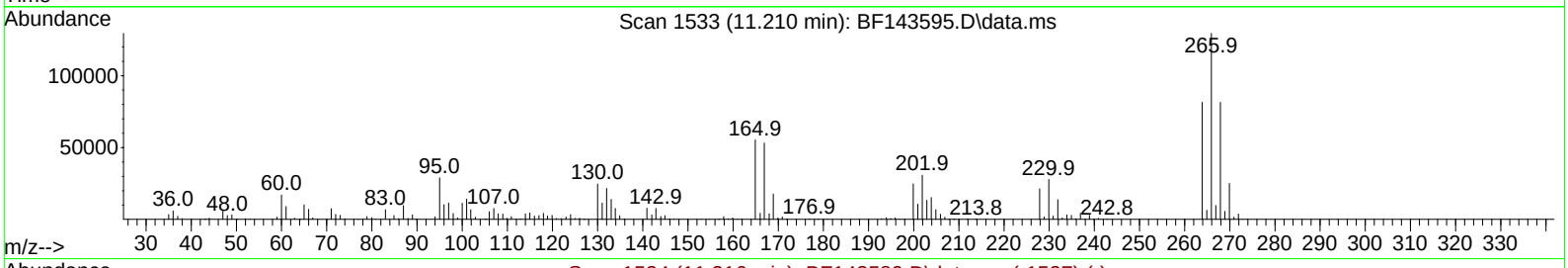
Sample Results: **BF143595.D**

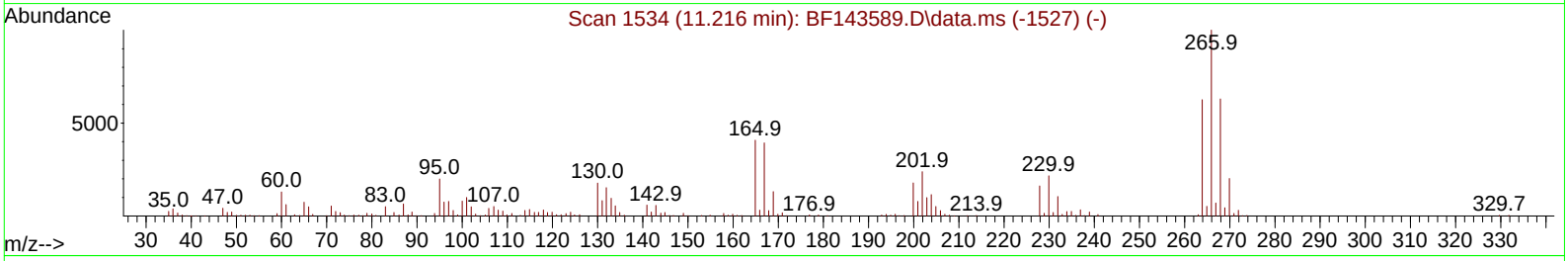
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143595.D
Acq On : 27 Aug 2025 08:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 27 11:27:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration







TIC: BF143595.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.006) 54326.76 ng

response 177044

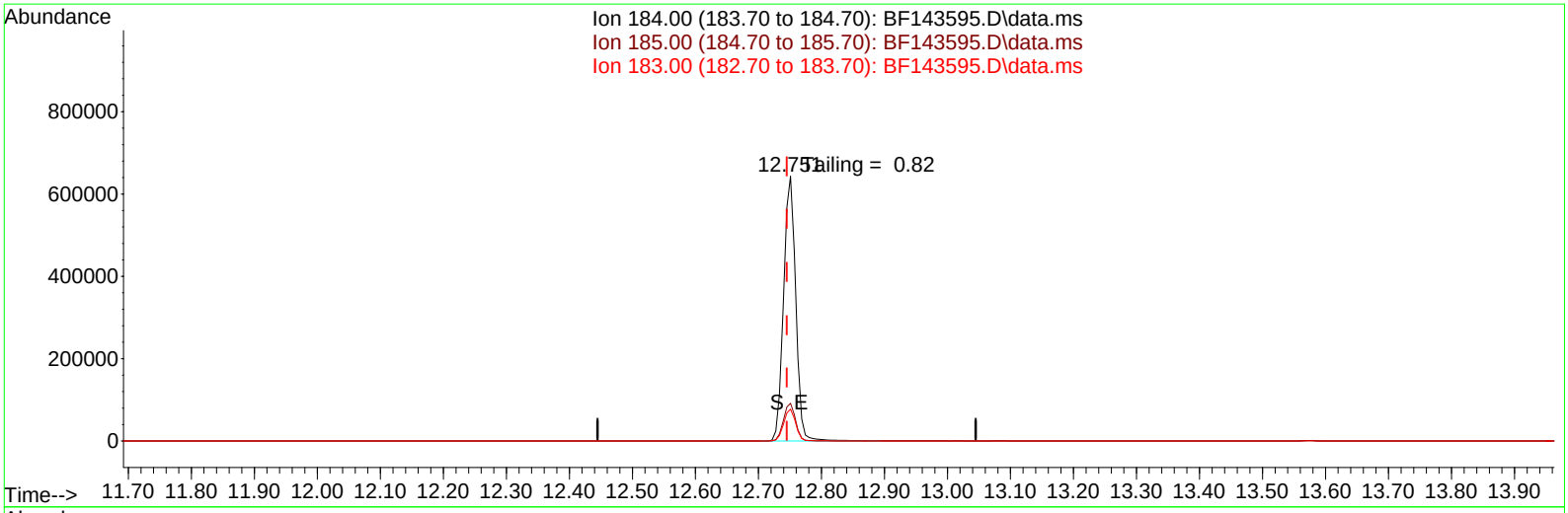
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	62.96
264.00	62.60	62.92
0.00	0.00	0.00

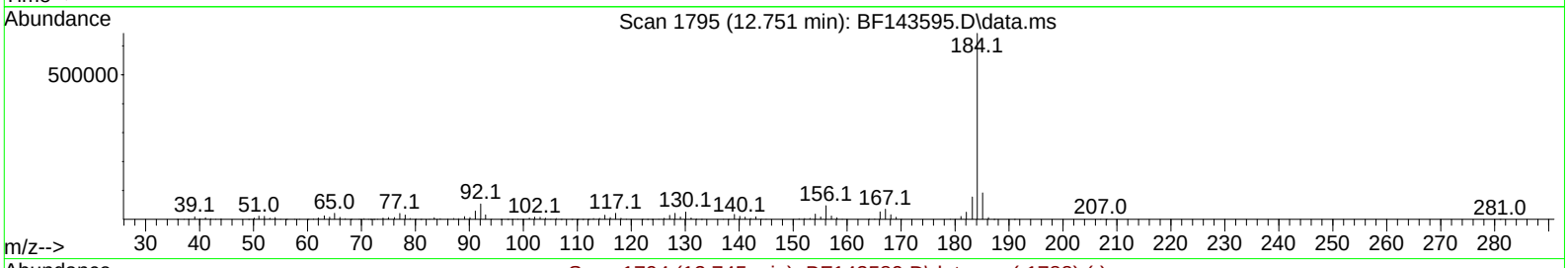
Sample Results: **BF143595.D**

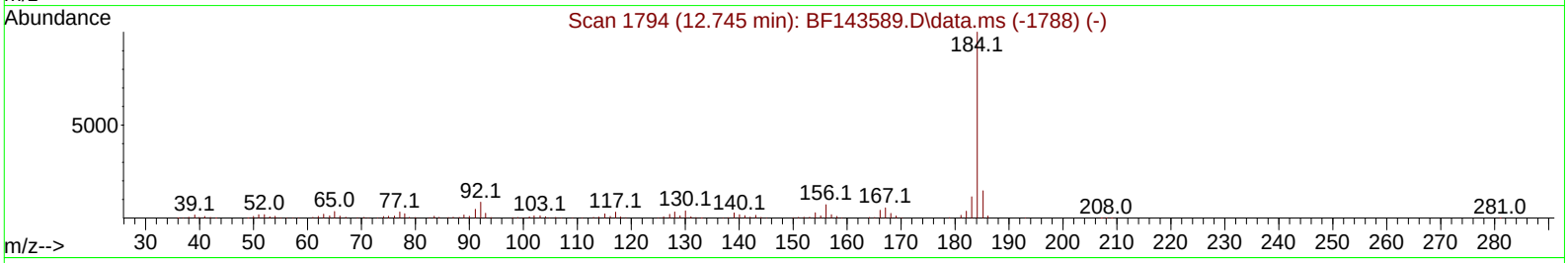
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143595.D
Acq On : 27 Aug 2025 08:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 27 11:27:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration







TIC: BF143595.D\data.ms

(77) Benzidine

12.751min (+ 0.006) 57519.20 ng

response 866062

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.27
183.00	11.40	12.04
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/27/2025	BNA_F	BF143595.D
Compound Name	**Response**	**Retention Time**
DDT	347516	13.574
DDD	2772	13.269
DDE	0	12.974
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
2772	350288	0.79

Instrument :
BNA_F
ClientSampleId :
DFTPP

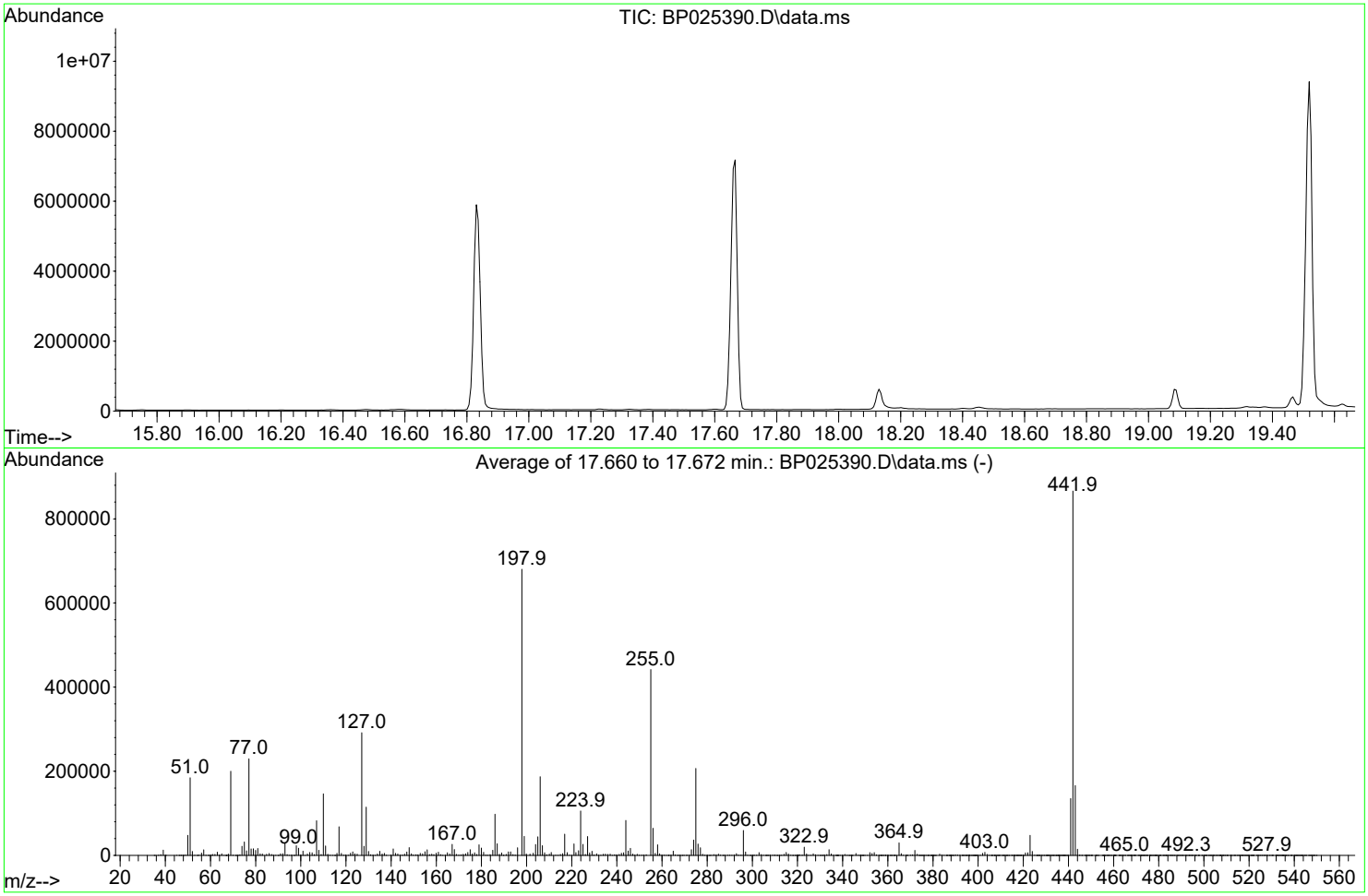
Sample Results: **BP025390.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

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



AutoFind: Scans 2503, 2504, 2505; Background Corrected with Scan 2494

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	3290	PASS
69	69	100	100	100.0	199967	PASS
70	69	0.00	2	0.4	716	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	680138	PASS
199	198	5	9	6.7	45247	PASS
365	198	1	100	4.4	29981	PASS
441	443	0.01	150	81.3	135091	PASS
442	442	100	100	100.0	866023	PASS
443	442	15	24	19.2	166133	PASS

DDT Breakdown

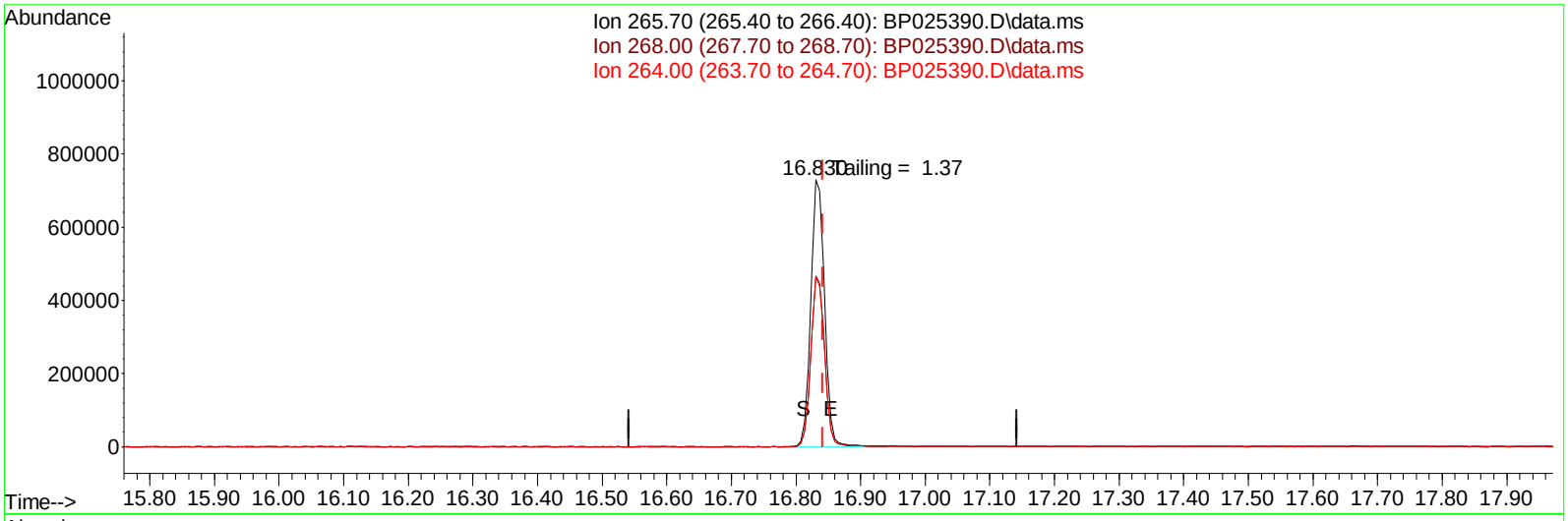
Date	Instrument Name	DFTPP Data File
8/14/2025	BNA_P	BP025390.D
Compound Name	**Response**	**Retention Time**
DDT	2976098	20.818
DDD	52170	20.407
DDE	9165	19.824
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
61335	3037433	2.02

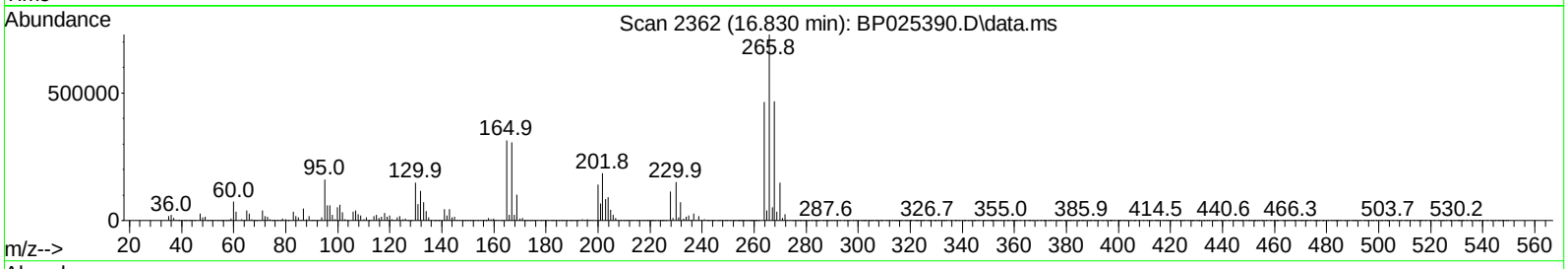
Instrument :
BNA_P
ClientSampleId :
DFTPP

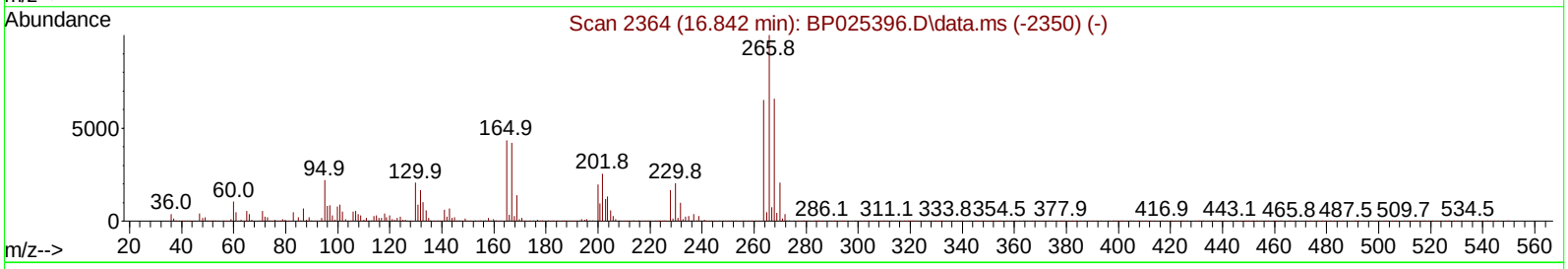
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 14 18:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025390.D\data.ms

(70) Pentachlorophenol (C)

16.830min (-0.012) 61985.64 ng

response 1096483

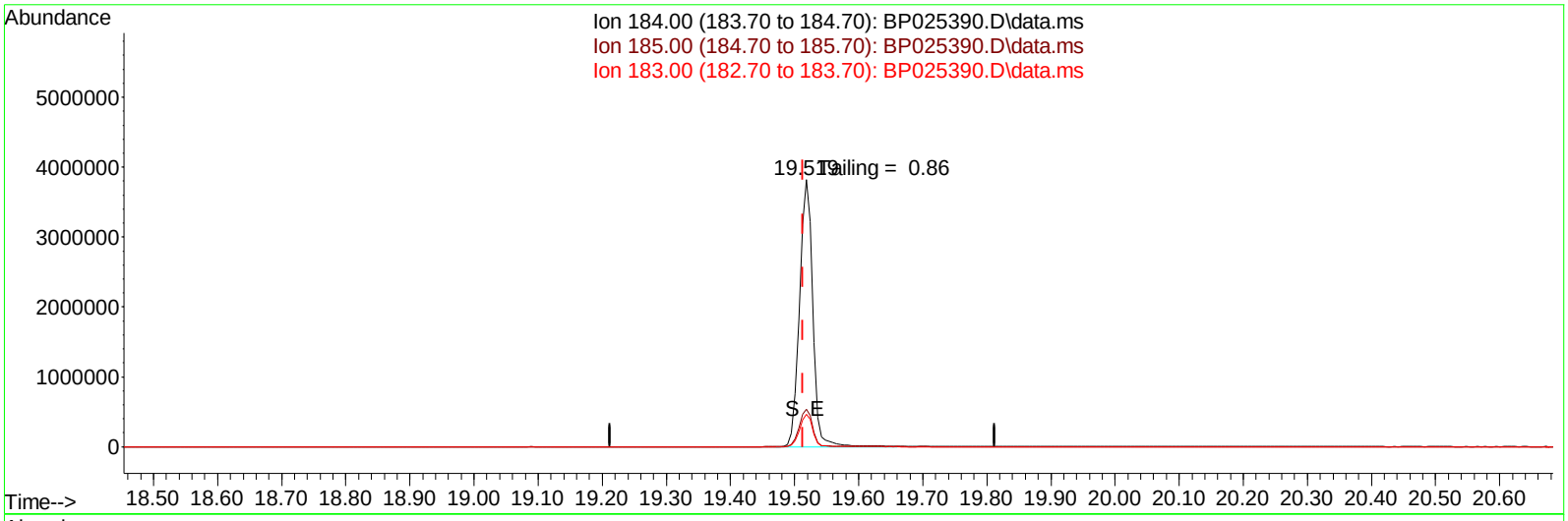
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.04
264.00	65.00	63.79
0.00	0.00	0.00

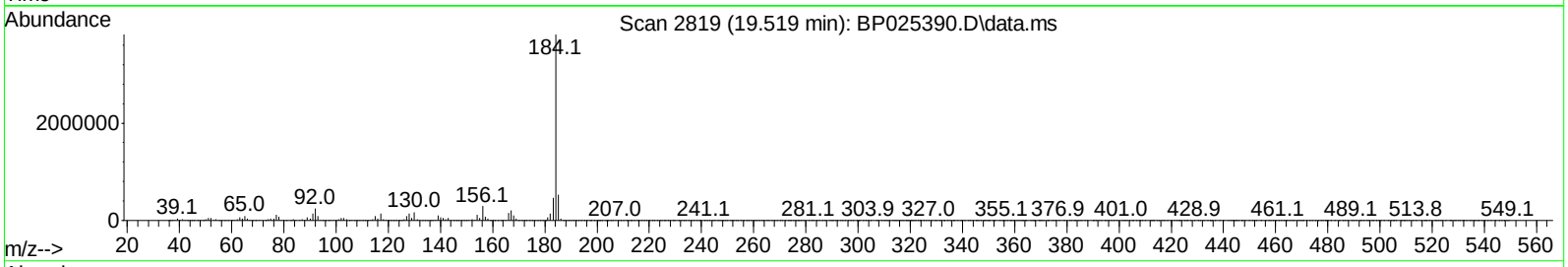
Sample Results: **BP025390.D**

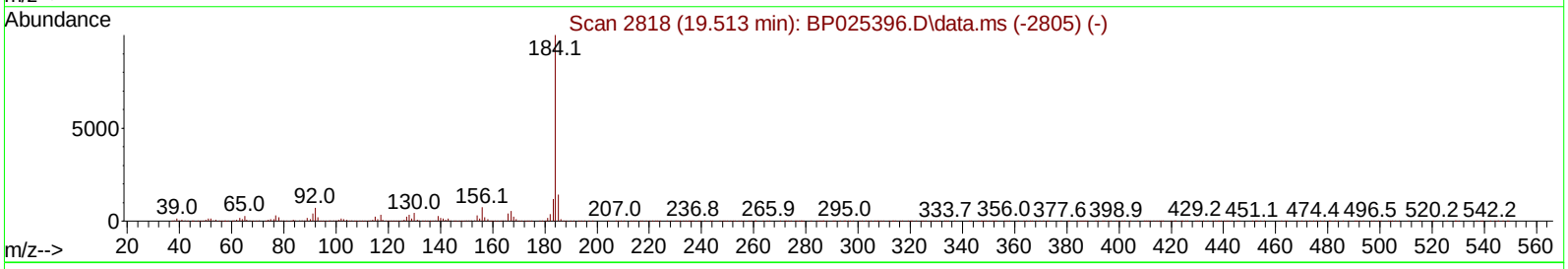
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 14 18:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025390.D\data.ms

(77) Benzidine

19.519min (+ 0.006) 64482.34 ng

response 5499416

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.03
183.00	11.80	12.10
0.00	0.00	0.00

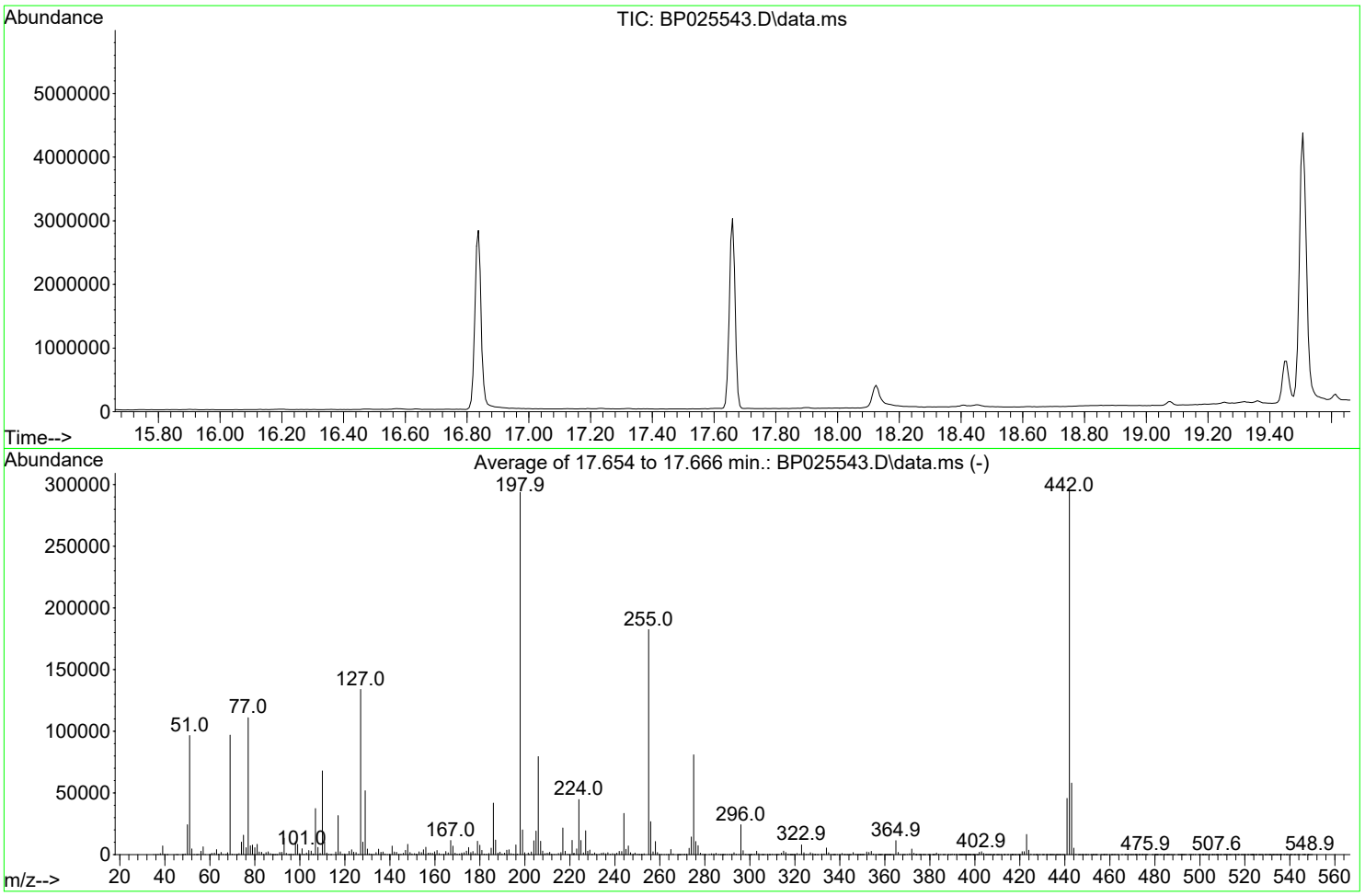
Sample Results: **BP025543.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025543.D
Acq On : 22 Aug 2025 10:08
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

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



AutoFind: Scans 2502, 2503, 2504; Background Corrected with Scan 2494

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	1519	PASS
69	69	100	100	100.0	96945	PASS
70	69	0.00	2	0.4	396	PASS
197	198	0.00	2	0.2	468	PASS
198	198	100	100	100.0	293657	PASS
199	198	5	9	6.8	20111	PASS
365	198	1	100	3.8	11295	PASS
441	443	0.01	150	78.6	45599	PASS
442	442	100	100	100.0	294439	PASS
443	442	15	24	19.7	58043	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/22/2025	BNA_P	BP025543.D
Compound Name	**Response**	**Retention Time**
DDT	1433027	20.801
DDD	19562	20.348
DDE	2885	19.813
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
22447	1455474	1.54

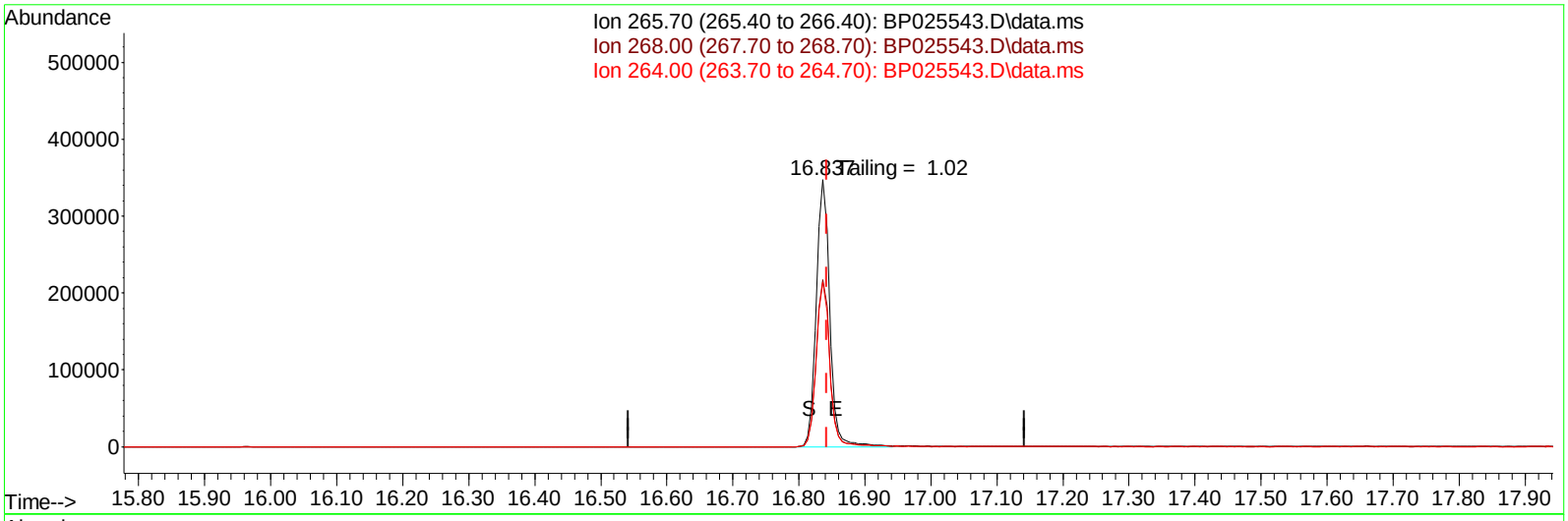
Instrument :
BNA_P
ClientSampleId :
DFTPP

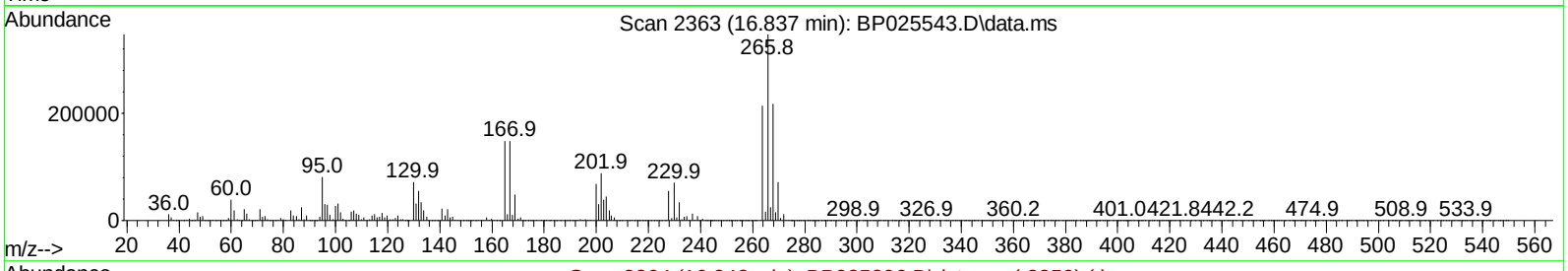
Sample Results: **BP025543.D**

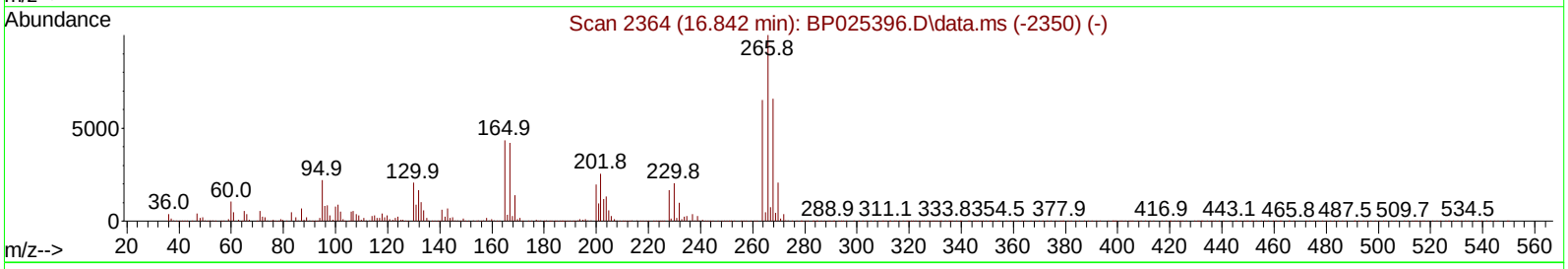
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025543.D
Acq On : 22 Aug 2025 10:08
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 22 10:56:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025543.D\data.ms

(70) Pentachlorophenol (C)

16.837min (-0.006) 24379.55 ng

response 490511

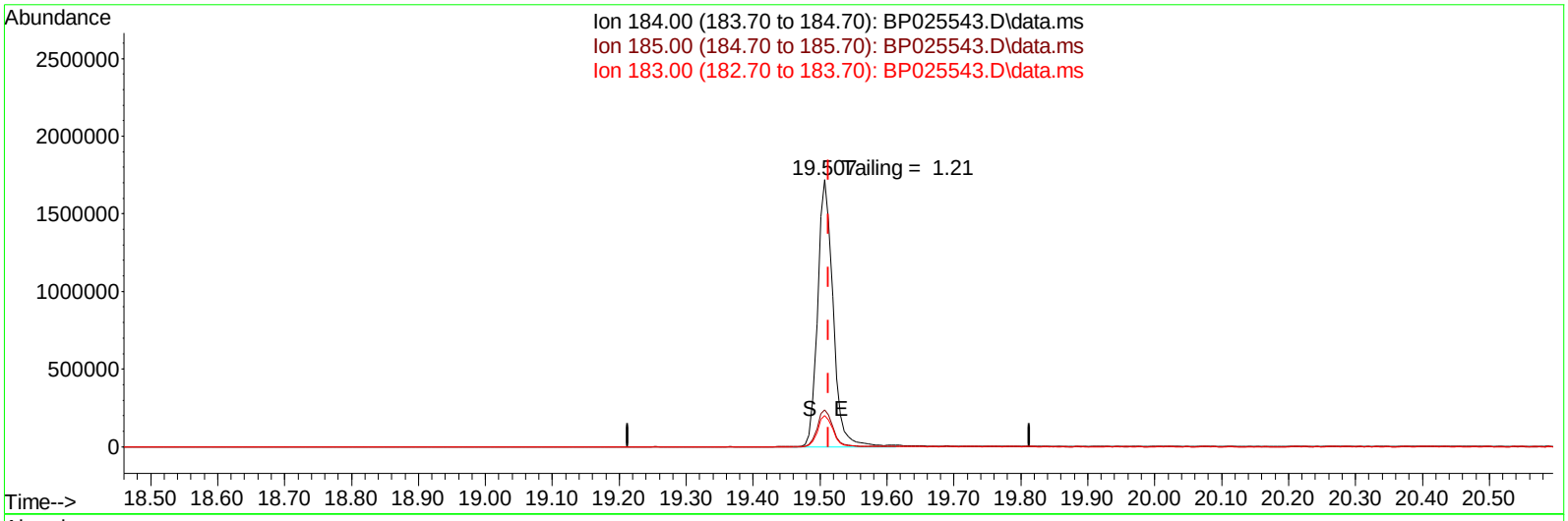
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	62.65
264.00	65.00	61.62
0.00	0.00	0.00

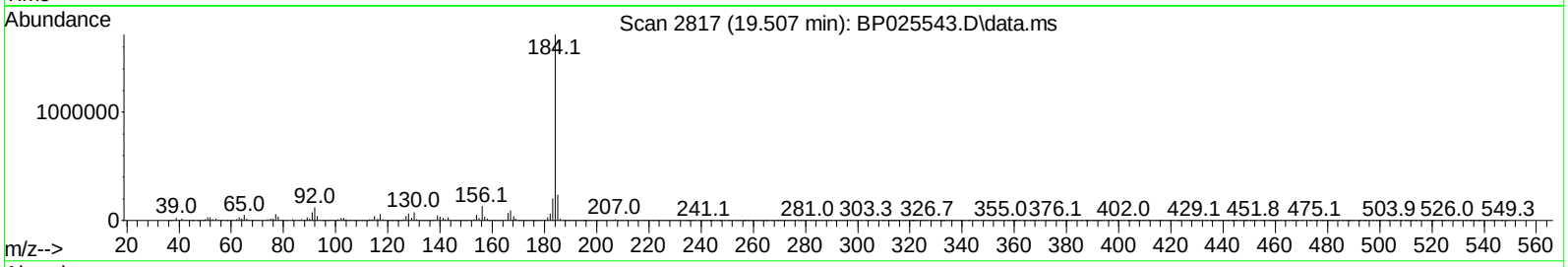
Sample Results: **BP025543.D**

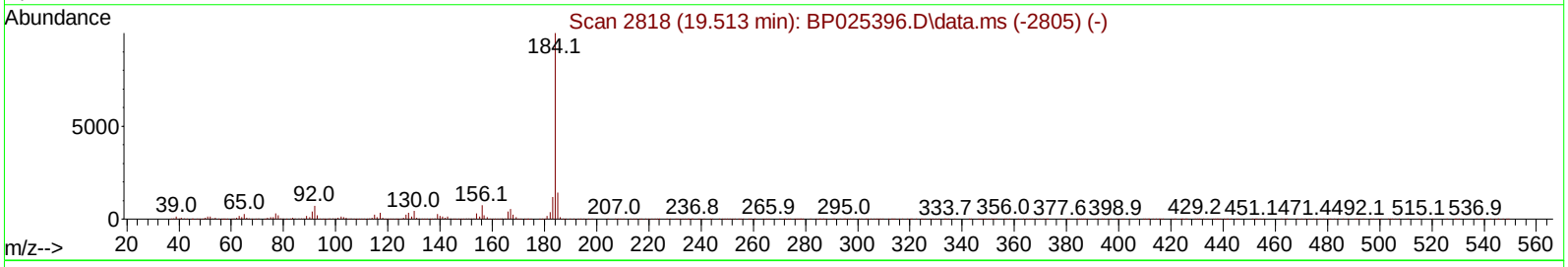
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025543.D
Acq On : 22 Aug 2025 10:08
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 22 10:56:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025543.D\data.ms

(77) Benzidine

19.507min (-0.006) 16182.04 ng

response 2751355

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.92
183.00	11.80	11.76
0.00	0.00	0.00

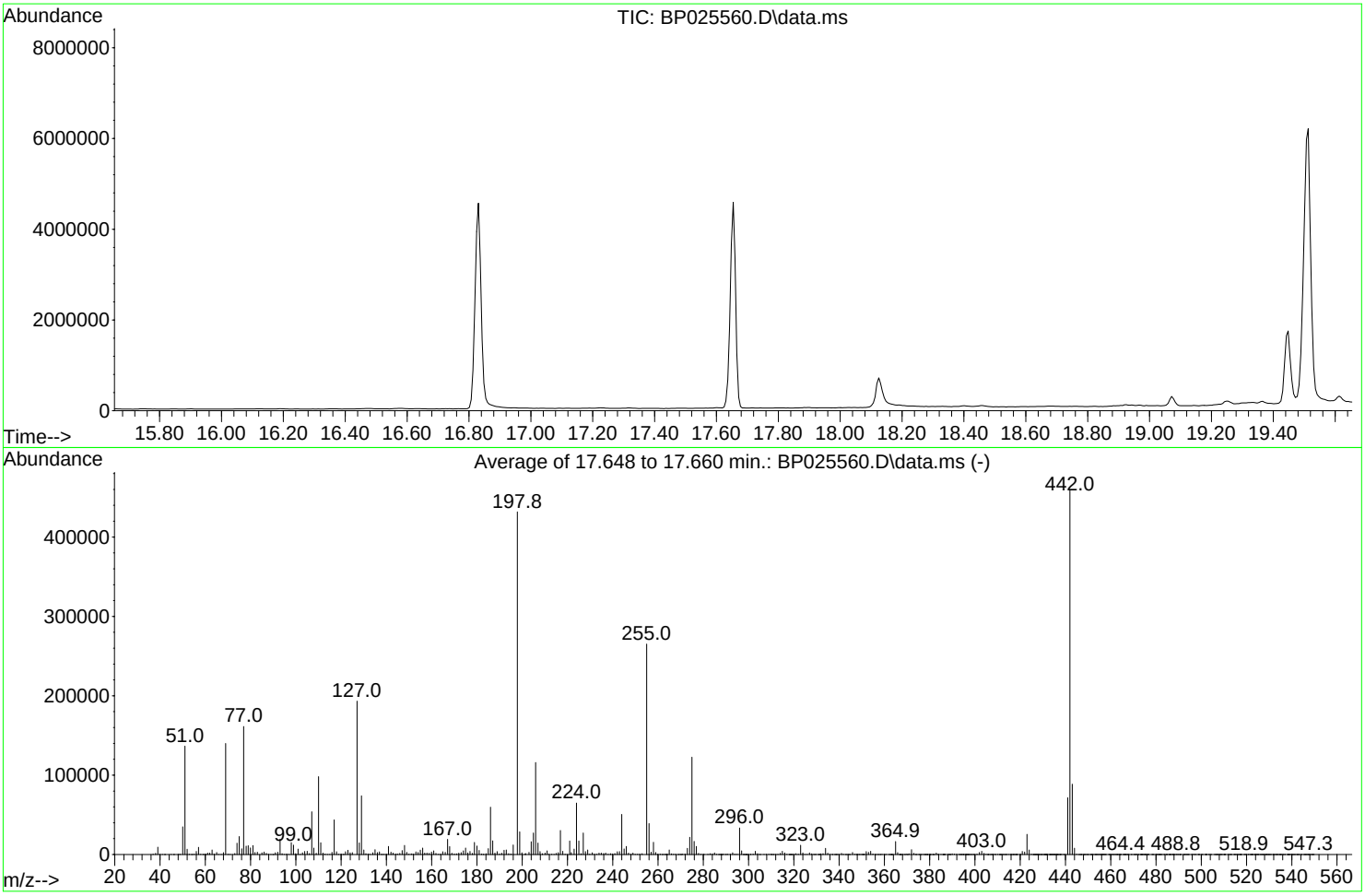
Sample Results: **BP025560.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025560.D
Acq On : 25 Aug 2025 10:24
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

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



AutoFind: Scans 2501, 2502, 2503; Background Corrected with Scan 2491

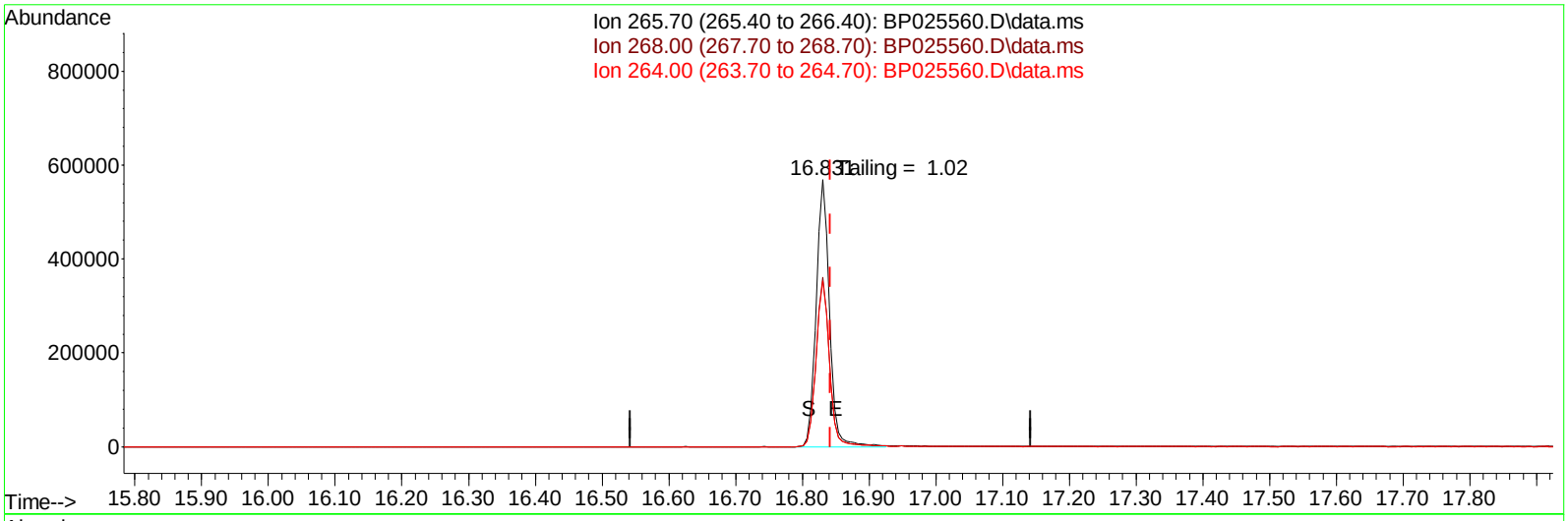
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	2382	PASS
69	69	100	100	100.0	139943	PASS
70	69	0.00	2	0.3	445	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	431644	PASS
199	198	5	9	6.6	28690	PASS
365	198	1	100	3.8	16344	PASS
441	443	0.01	150	80.8	71635	PASS
442	442	100	100	100.0	458603	PASS
443	442	15	24	19.3	88643	PASS

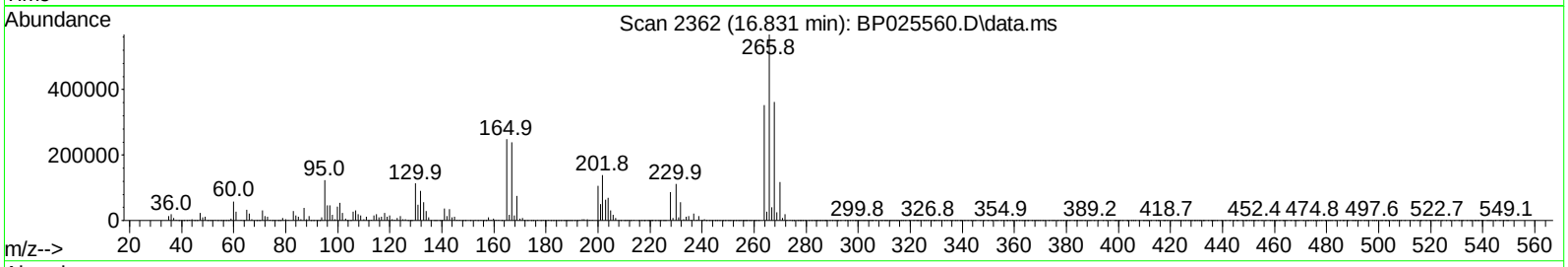
Sample Results: **BP025560.D**

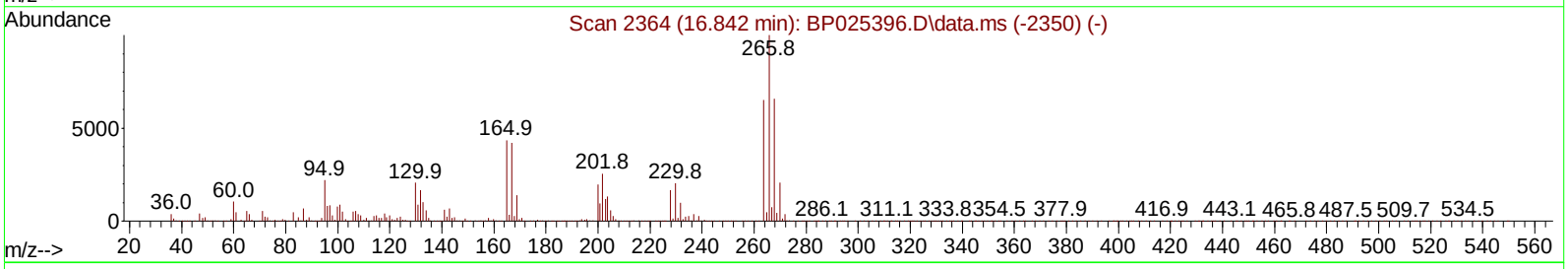
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025560.D
Acq On : 25 Aug 2025 10:24
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 25 12:41:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025560.D\data.ms

(70) Pentachlorophenol (C)

16.831min (-0.012) 30402.24 ng

response 788586

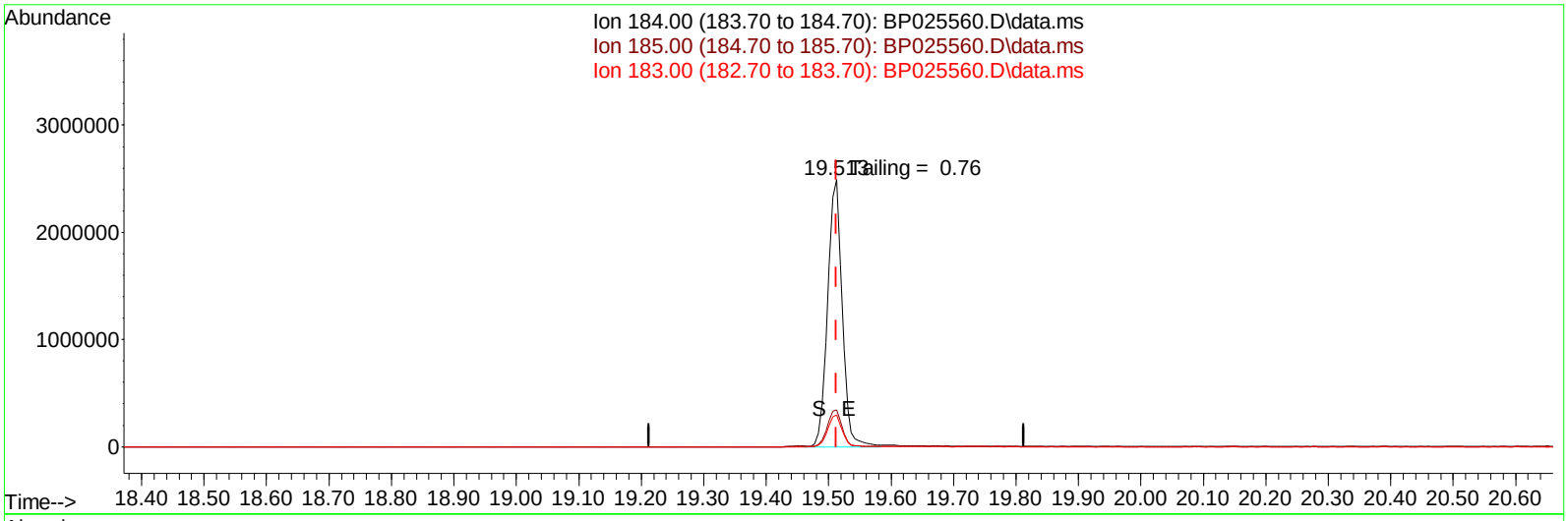
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	63.60
264.00	65.00	62.15
0.00	0.00	0.00

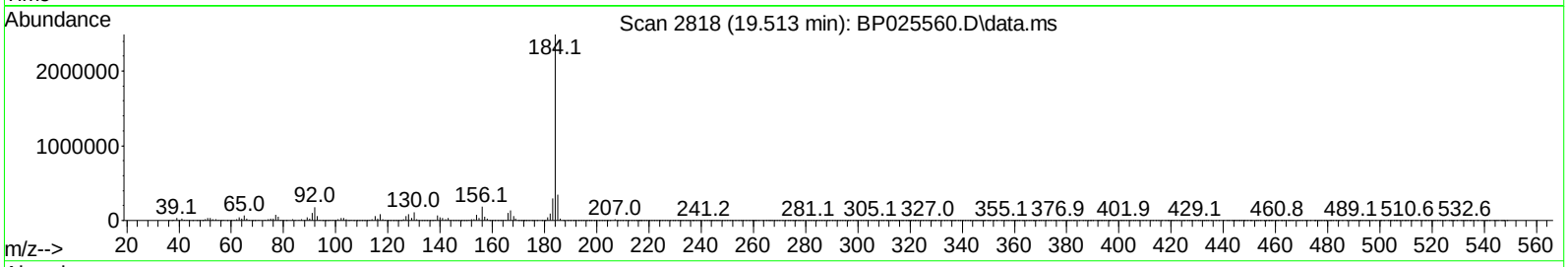
Sample Results: **BP025560.D**

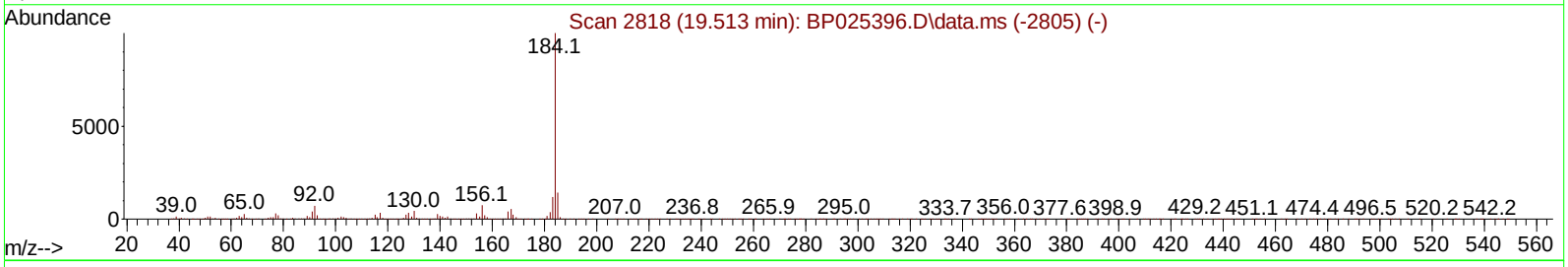
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025560.D
Acq On : 25 Aug 2025 10:24
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 25 12:41:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025560.D\data.ms

(77) Benzidine

19.513min (+ 0.000) 18802.33 ng

response 4079827

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.93
183.00	11.80	12.00
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/25/2025	BNA_P	BP025560.D
Compound Name	**Response**	**Retention Time**
DDT	2097133	20.807
DDD	38651	20.342
DDE	4733	19.819
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
43384	2140517	2.03

Instrument :
BNA_P
ClientSampleId :
DFTPP

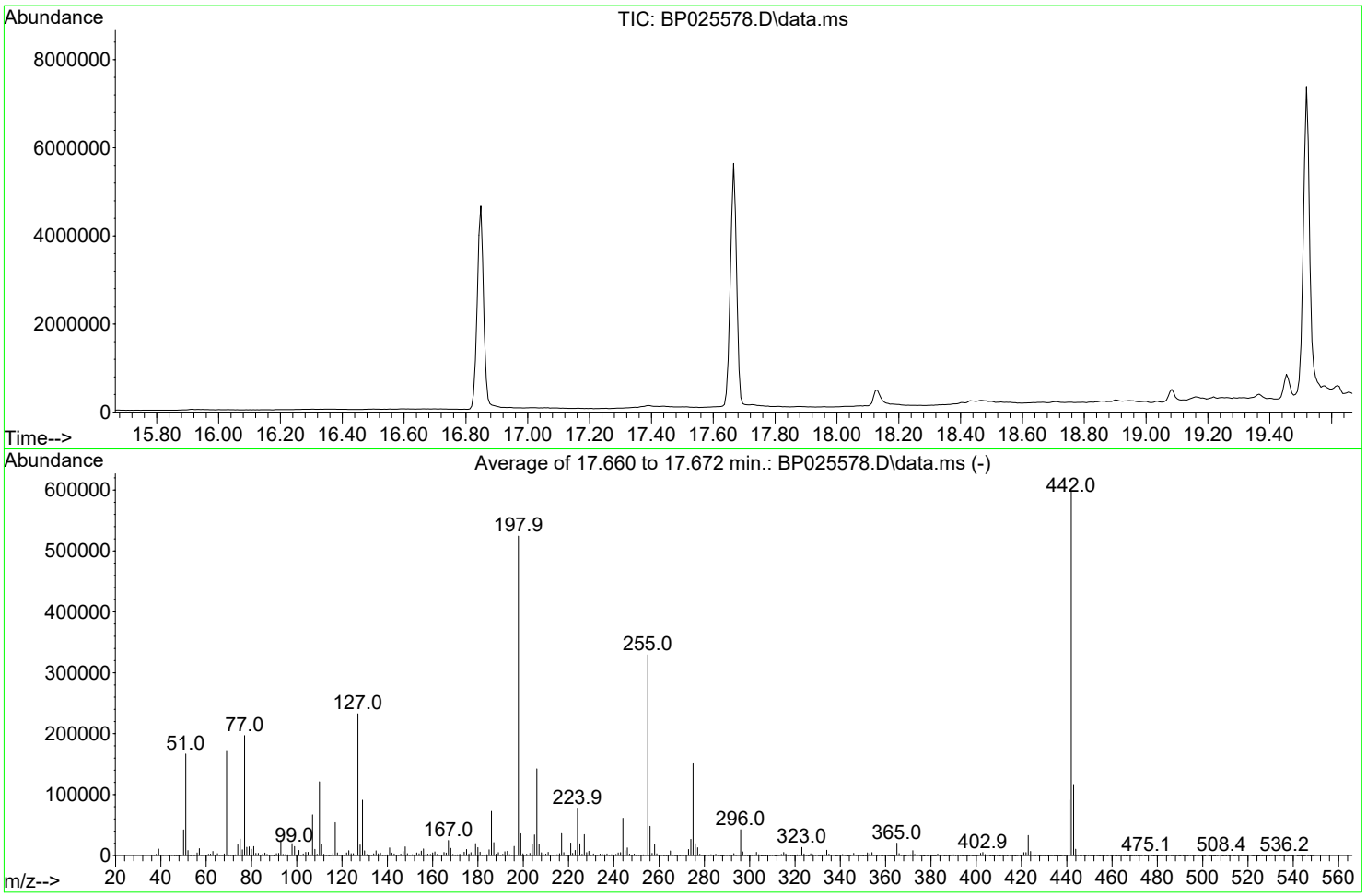
Sample Results: **BP025578.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025578.D
Acq On : 26 Aug 2025 08:59
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

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



AutoFind: Scans 2503, 2504, 2505; Background Corrected with Scan 2493

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	2756	PASS
69	69	100	100	100.0	172546	PASS
70	69	0.00	2	0.6	1035	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	524501	PASS
199	198	5	9	6.8	35733	PASS
365	198	1	100	3.9	20440	PASS
441	443	0.01	150	78.3	91453	PASS
442	442	100	100	100.0	597035	PASS
443	442	15	24	19.6	116747	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/26/2025	BNA_P	BP025578.D
Compound Name	**Response**	**Retention Time**
DDT	2136201	20.813
DDD	101241	20.354
DDE	5903	19.819
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
107144	2243345	4.78

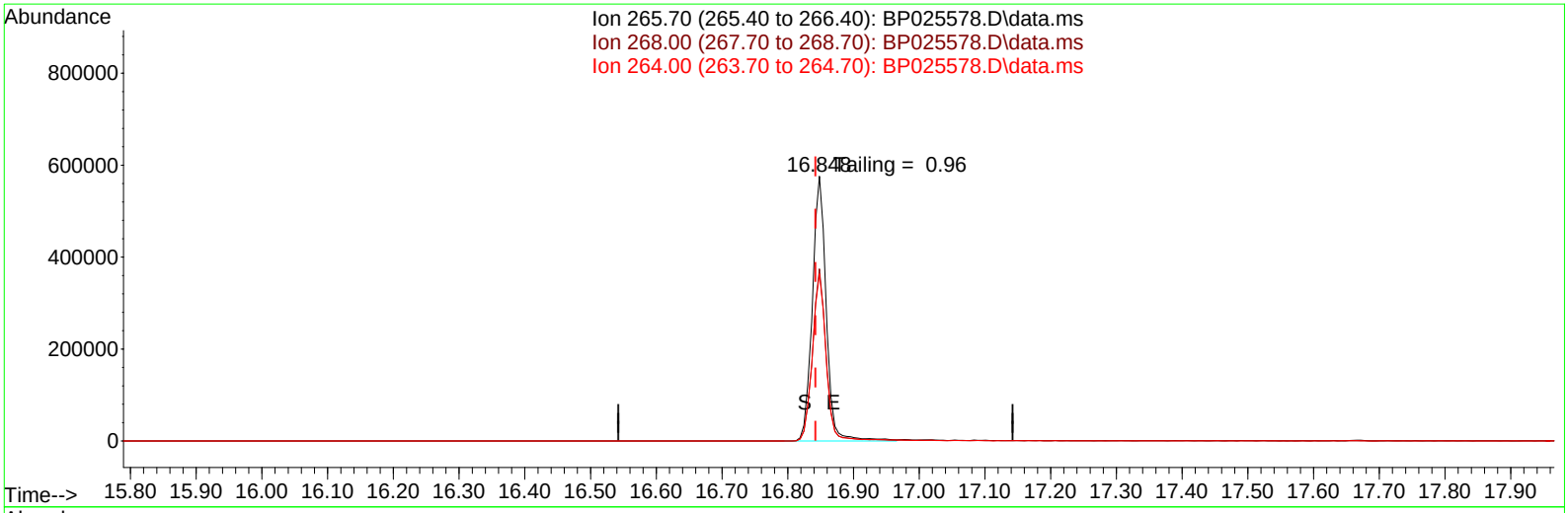
Instrument :
BNA_P
ClientSampleId :
DFTPP

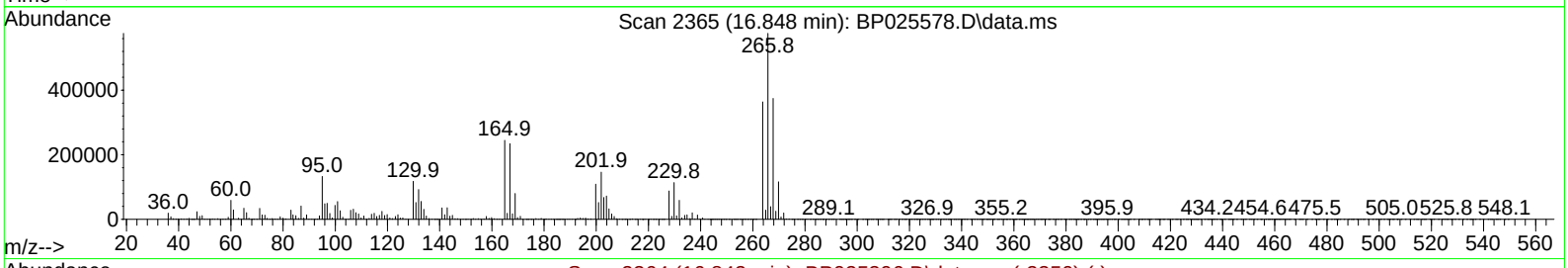
Sample Results: **BP025578.D**

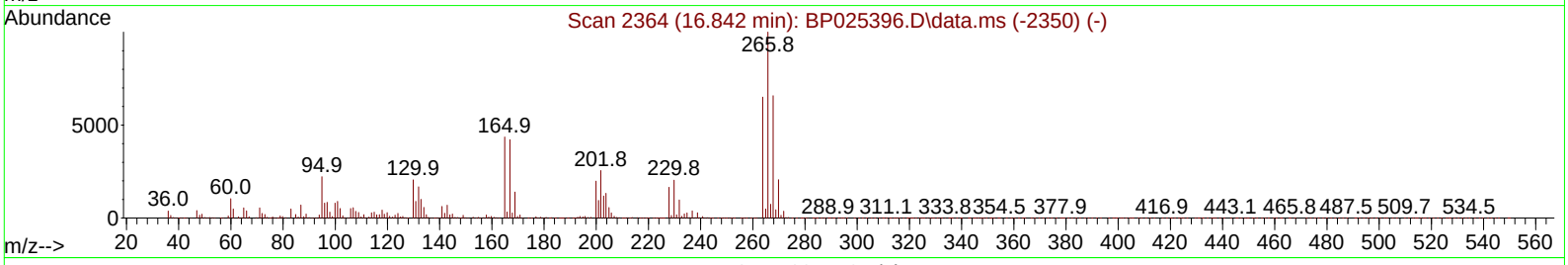
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025578.D
Acq On : 26 Aug 2025 08:59
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 26 09:35:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025578.D\data.ms

(70) Pentachlorophenol (C)

16.848min (+ 0.006) 901788.49 ng

response 849129

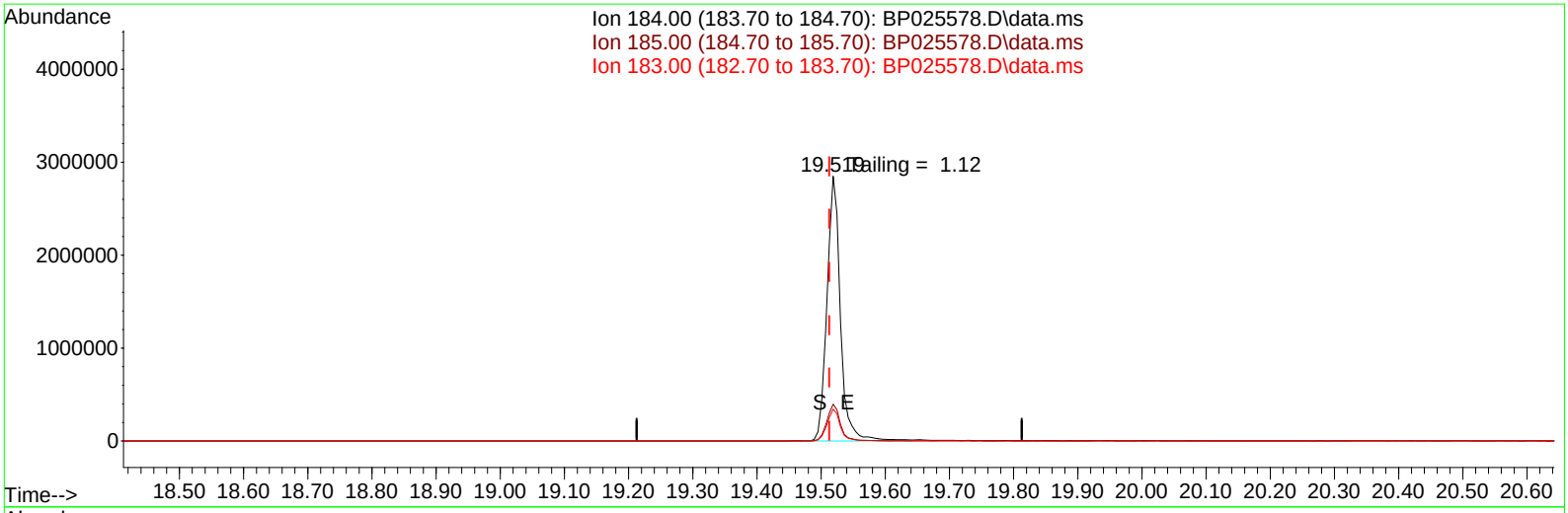
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.98
264.00	65.00	63.17
0.00	0.00	0.00

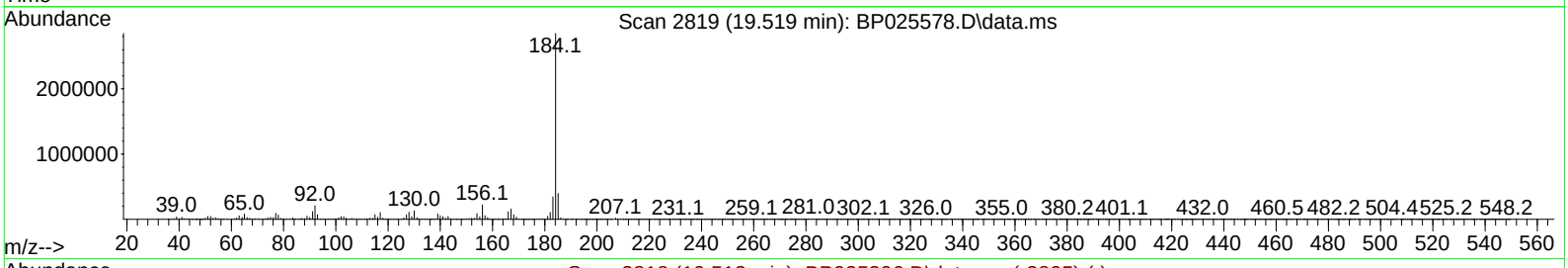
Sample Results: **BP025578.D**

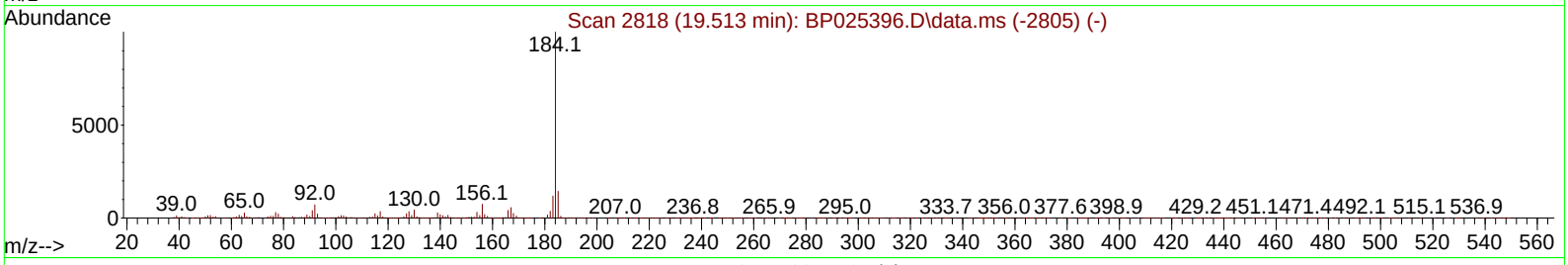
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025578.D
Acq On : 26 Aug 2025 08:59
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 26 09:35:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025578.D\data.ms

(77) Benzidine

19.519min (+ 0.006) 262076.27 ng

response 4167956

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.88
183.00	11.80	12.08
0.00	0.00	0.00

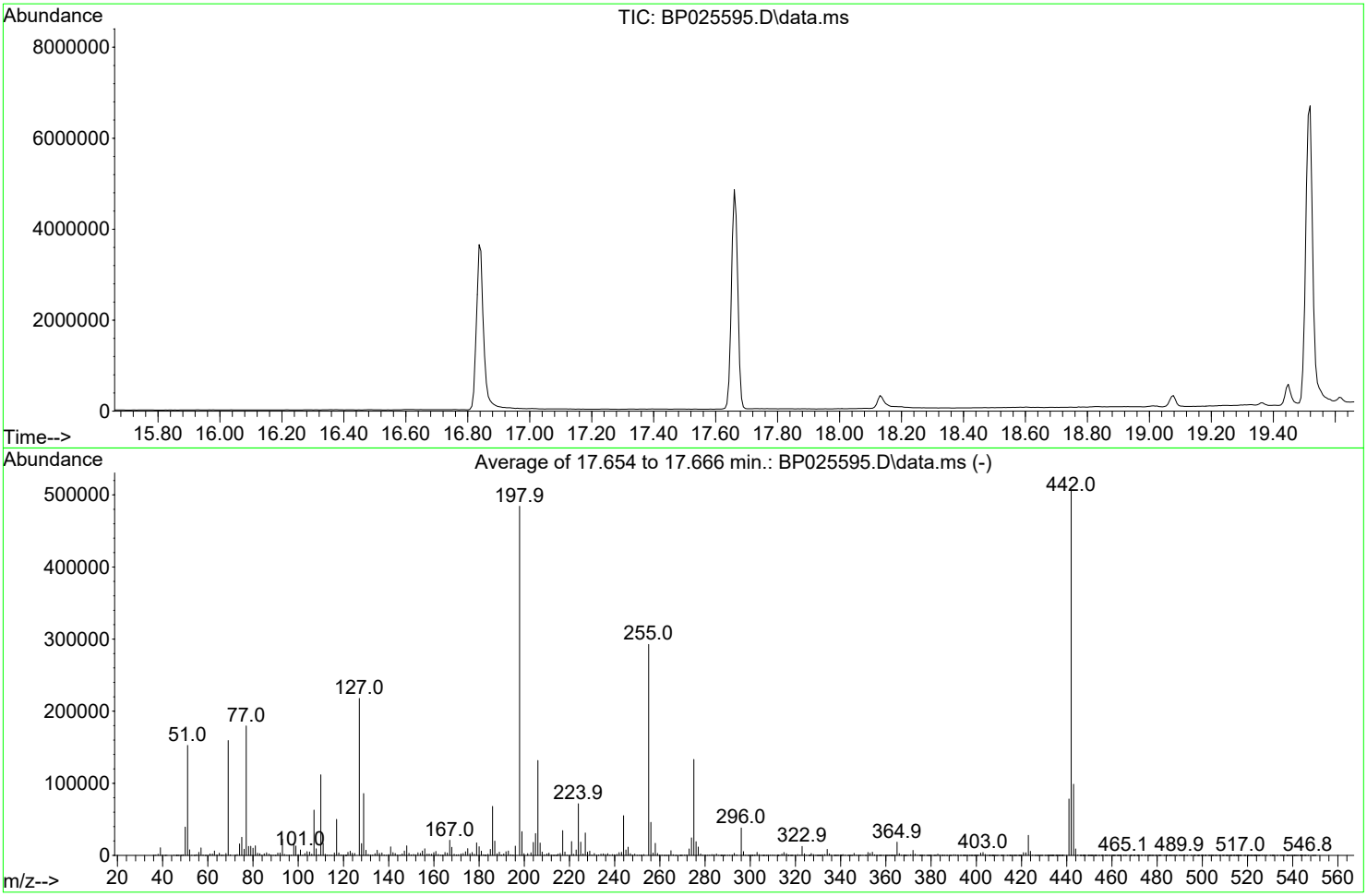
Sample Results: **BP025595.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025595.D
Acq On : 27 Aug 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

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



AutoFind: Scans 2502, 2503, 2504; Background Corrected with Scan 2495

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	2647	PASS
69	69	100	100	100.0	159279	PASS
70	69	0.00	2	0.6	914	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	484263	PASS
199	198	5	9	6.8	33059	PASS
365	198	1	100	3.8	18407	PASS
441	443	0.01	150	79.2	78301	PASS
442	442	100	100	100.0	505318	PASS
443	442	15	24	19.6	98803	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/27/2025	BNA_P	BP025595.D
Compound Name	**Response**	**Retention Time**
DDT	2242813	20.807
DDD	65606	20.342
DDE	9202	19.819
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
74808	2317621	3.23

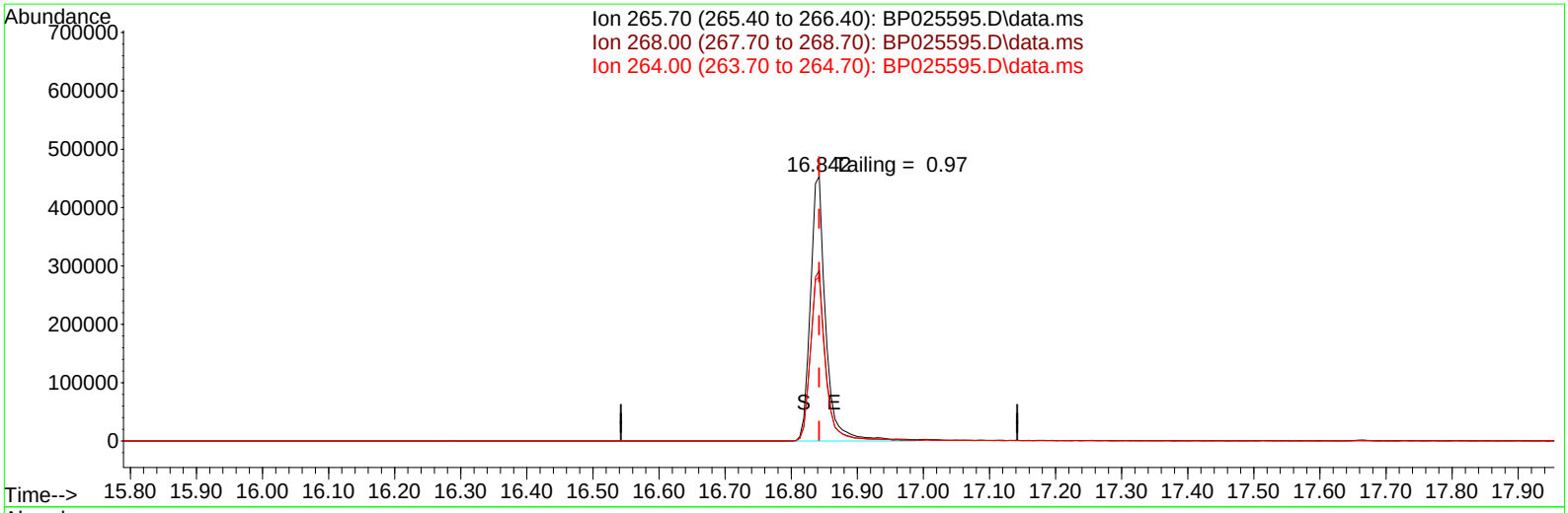
Instrument :
BNA_P
ClientSampleId :
DFTPP

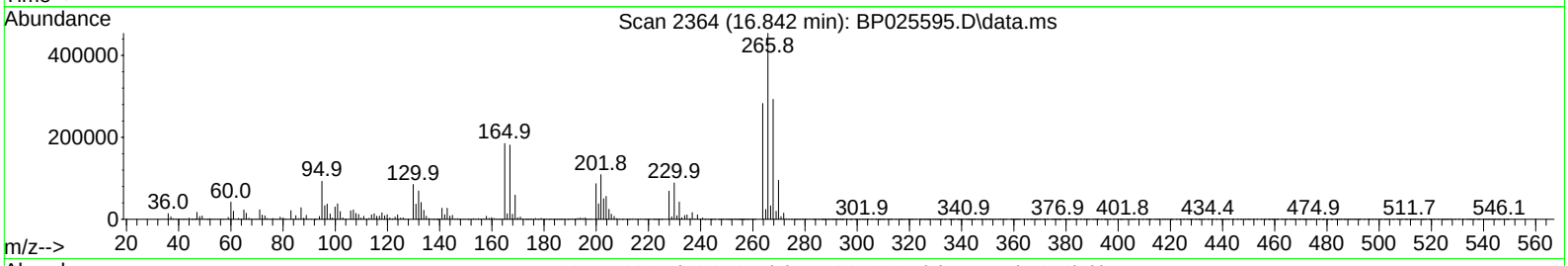
Sample Results: **BP025595.D**

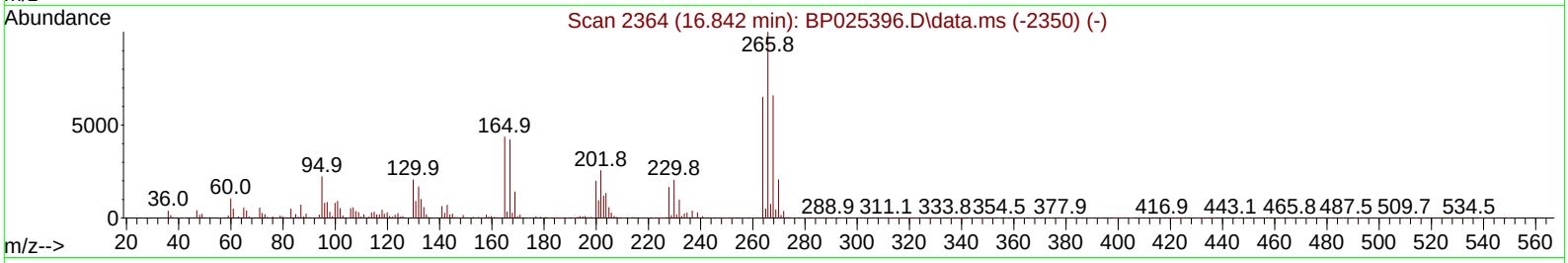
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025595.D
Acq On : 27 Aug 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 27 16:26:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025595.D\data.ms

(70) Pentachlorophenol (C)

16.842min (+ 0.000) 1966640.70 ng

response 728058

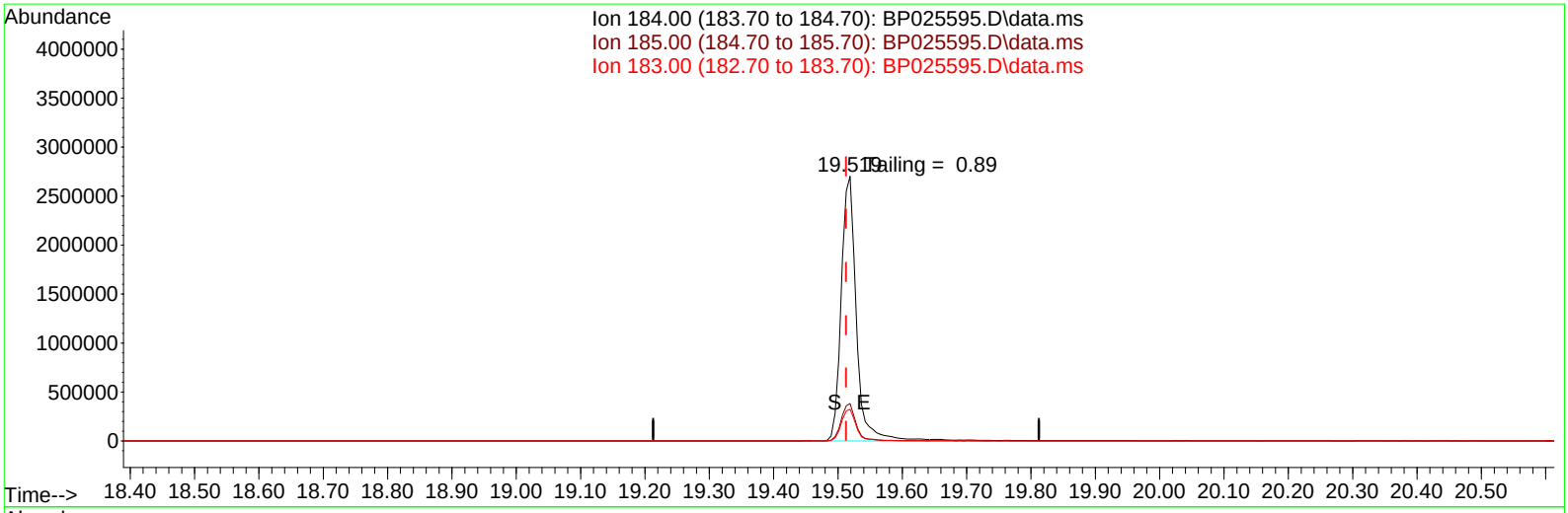
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.47
264.00	65.00	62.33
0.00	0.00	0.00

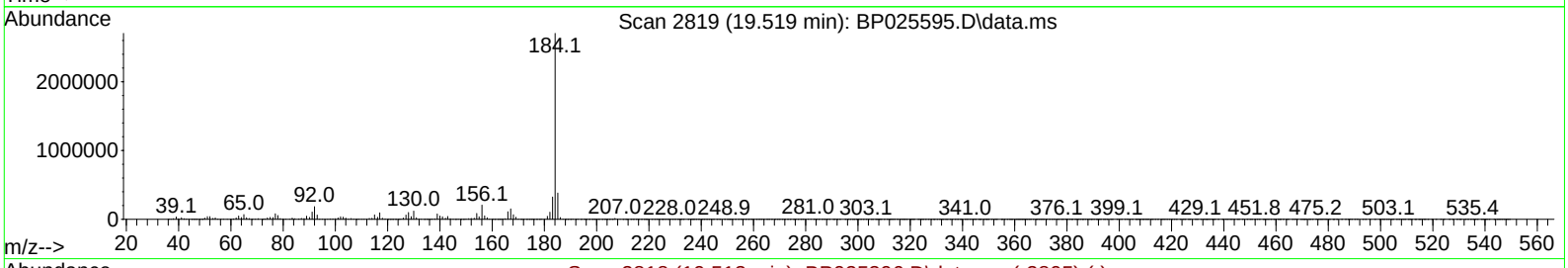
Sample Results: **BP025595.D**

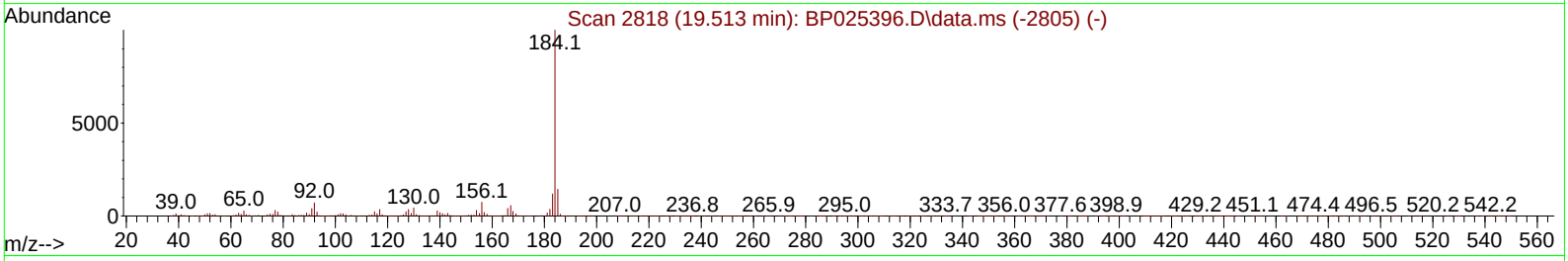
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025595.D
Acq On : 27 Aug 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 27 16:26:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025595.D\data.ms

(77) Benzidine

19.519min (+ 0.006) 862145.80 ng

response 4384060

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.17
183.00	11.80	11.99
0.00	0.00	0.00

Raw Data: **BP025562.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:	PB169362BL	SDG No.:	Q2936
Lab Sample ID:	PB169362BL	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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

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: **BP025562.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:	PB169362BL	SDG No.:	Q2936
Lab Sample ID:	PB169362BL	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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

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: **BP025562.D**

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:	PB169362BL	SDG No.:	Q2936
Lab Sample ID:	PB169362BL	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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

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	125		23 - 138	83%	SPK: 150
13127-88-3	Phenol-d6	120		10 - 134	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.8		67 - 132	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		52 - 132	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		44 - 137	82%	SPK: 150
1718-51-0	Terphenyl-d14	70.1		42 - 152	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	173000	7.778			
1146-65-2	Naphthalene-d8	666000	10.543			
15067-26-2	Acenaphthene-d10	425000	14.389			
1517-22-2	Phenanthrene-d10	891000	17.189			
1719-03-5	Chrysene-d12	1140000	21.63			
1520-96-3	Perylene-d12	1290000	25.001			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.70	A		4.94	ug/L

Raw Data: **BP025562.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:	PB169362BL			SDG No.:	Q2936
Lab Sample ID:	PB169362BL			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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

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_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Quant Time: Aug 25 13:15:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	173347	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	665603	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	424932	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	890876	20.000	ng	#-0.01
76) Chrysene-d12	21.630	240	1139399	20.000	ng	-0.02
86) Perylene-d12	25.001	264	1287992	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1305735	125.092	ng	0.00
7) Phenol-d6	6.960	99	1606270	120.026	ng	0.00
23) Nitrobenzene-d5	8.919	82	997167	75.784	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	703438	122.987	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2279423	73.312	ng	-0.02
79) Terphenyl-d14	19.907	244	4365584	70.100	ng	-0.01
Target Compounds						Qvalue

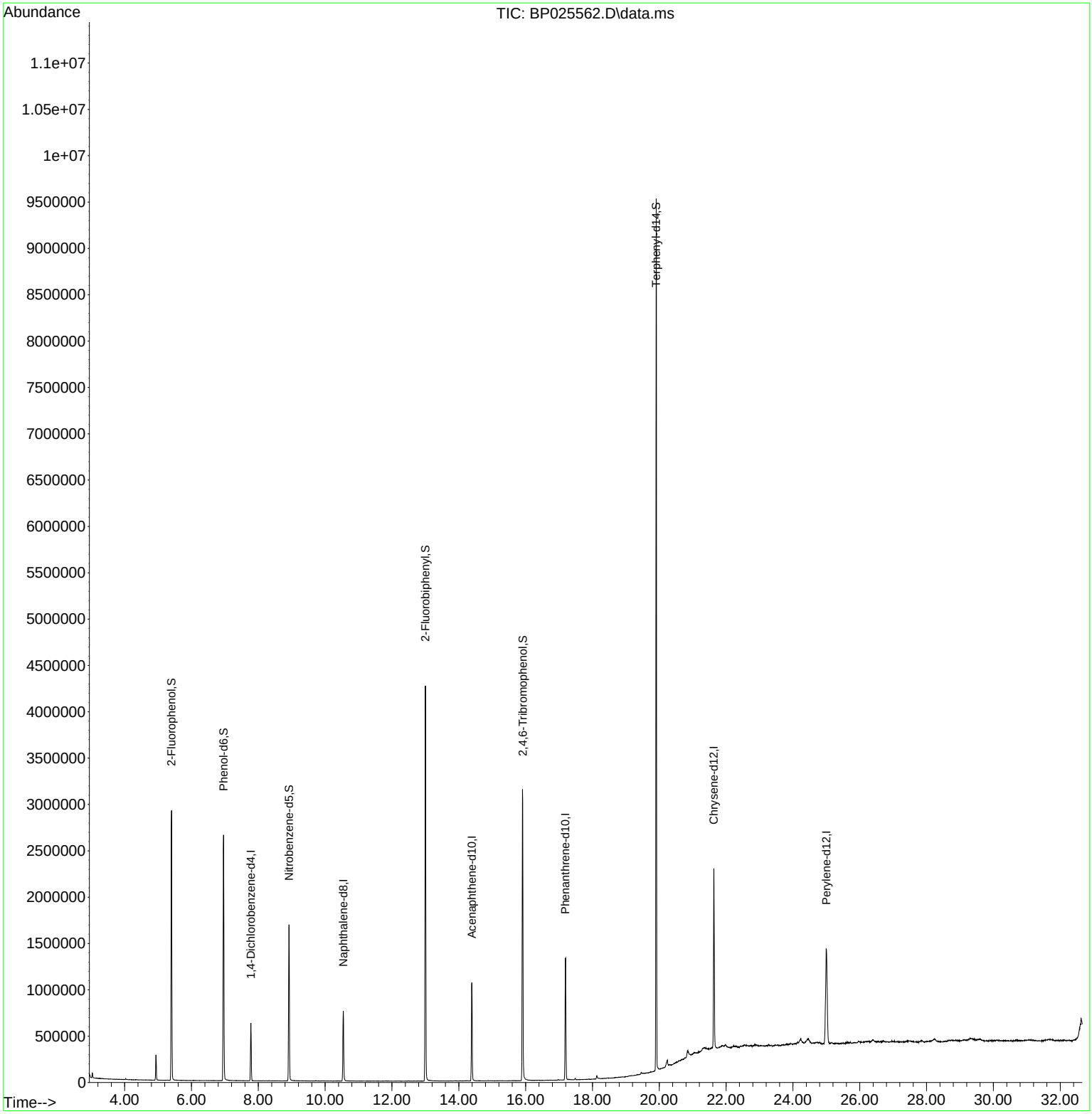
(#) = qualifier out of range (m) = manual integration (+) = signals summed

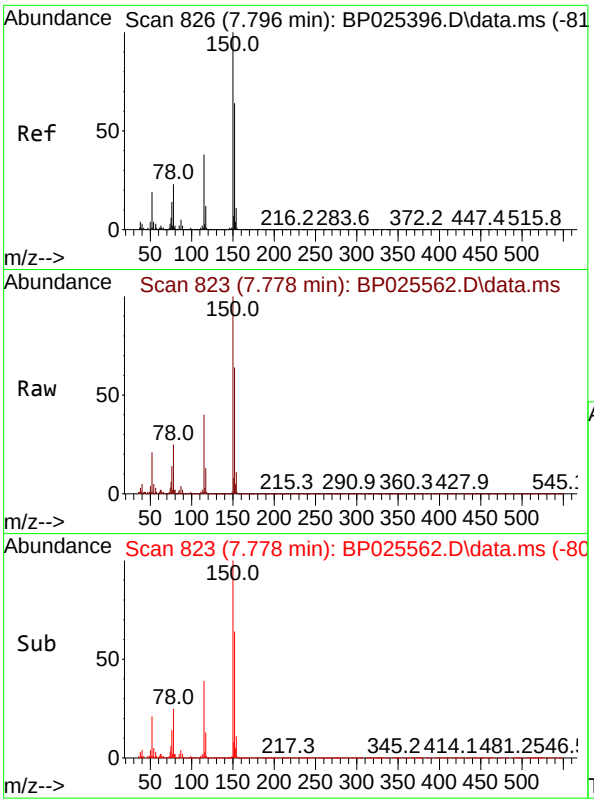
Sample Results: **BP025562.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Quant Time: Aug 25 13:15:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



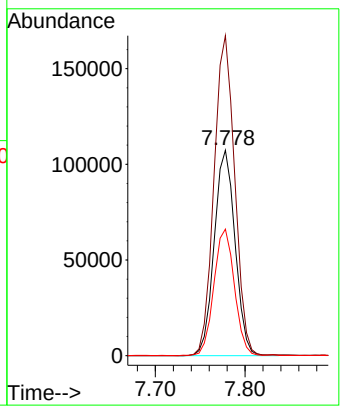


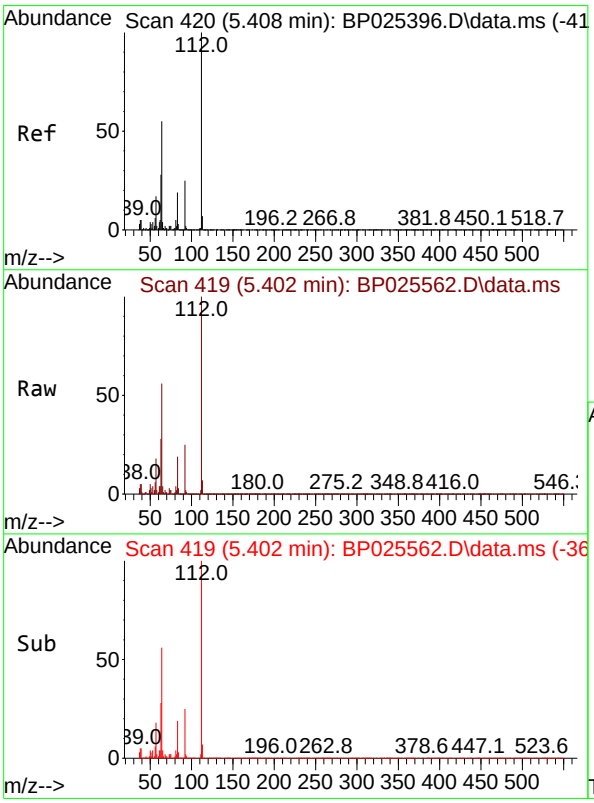
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion:152 Resp: 173347

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.9	188.9
115	61.6	48.5	72.7

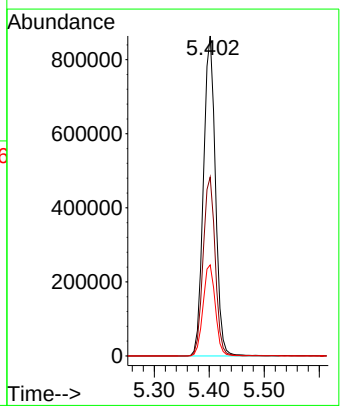


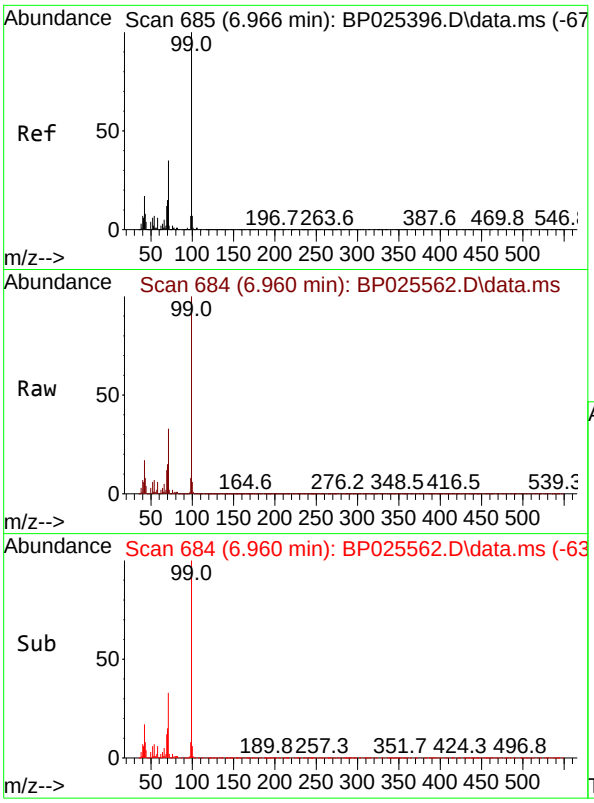


#5
2-Fluorophenol
Concen: 125.092 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:112 Resp: 1305735

Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.8	65.8
63	28.5	22.7	34.1



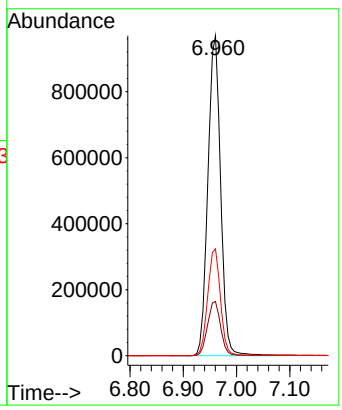


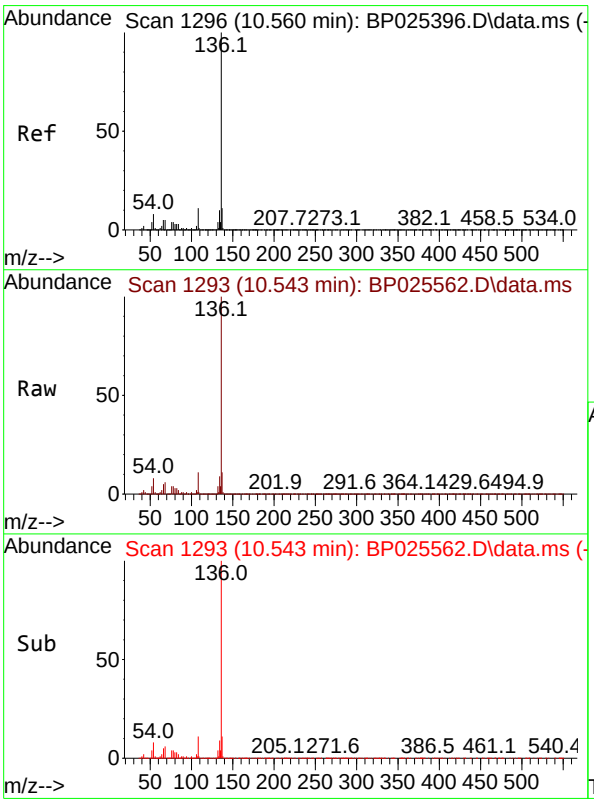
#7
Phenol-d6
Concen: 120.026 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion: 99 Resp: 1606270

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.7	20.5
71	33.4	28.2	42.4

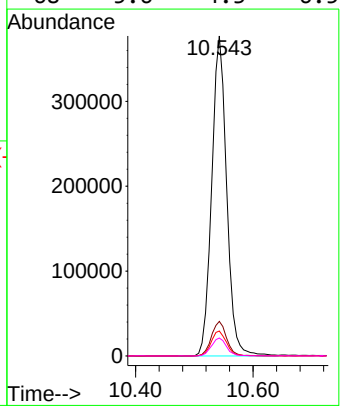


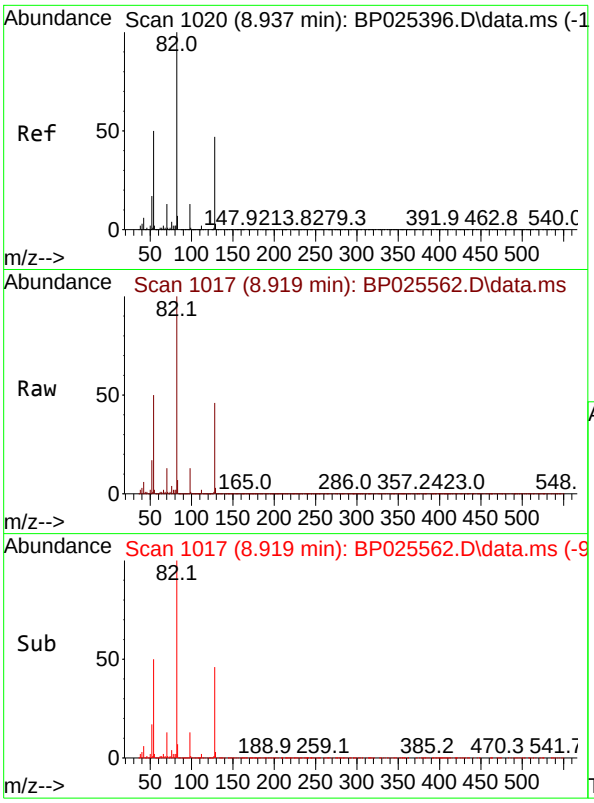


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:136 Resp: 665603

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.8	6.0	9.0
68	5.6	4.3	6.5



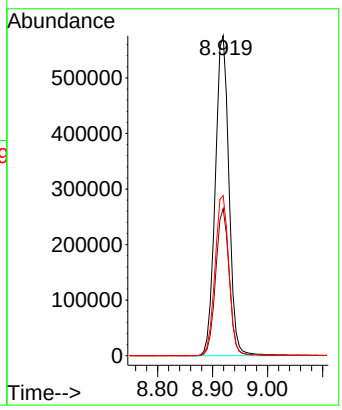


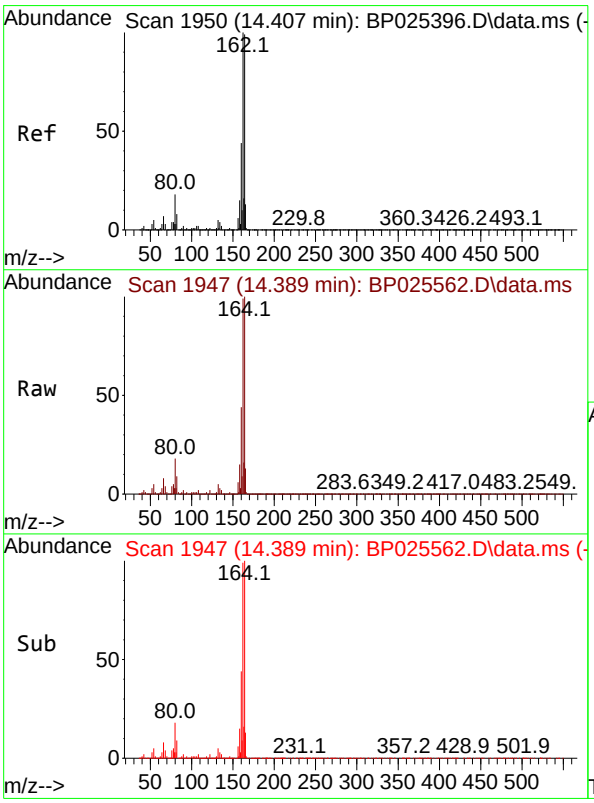
#23
Nitrobenzene-d5
Concen: 75.784 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion: 82 Resp: 997167

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.7	56.5
54	50.0	39.8	59.6

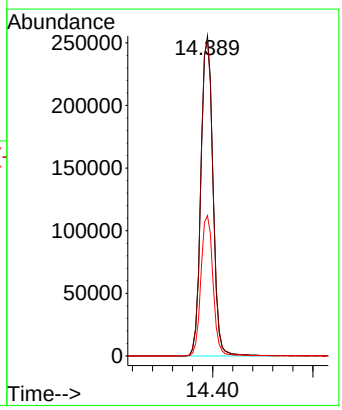


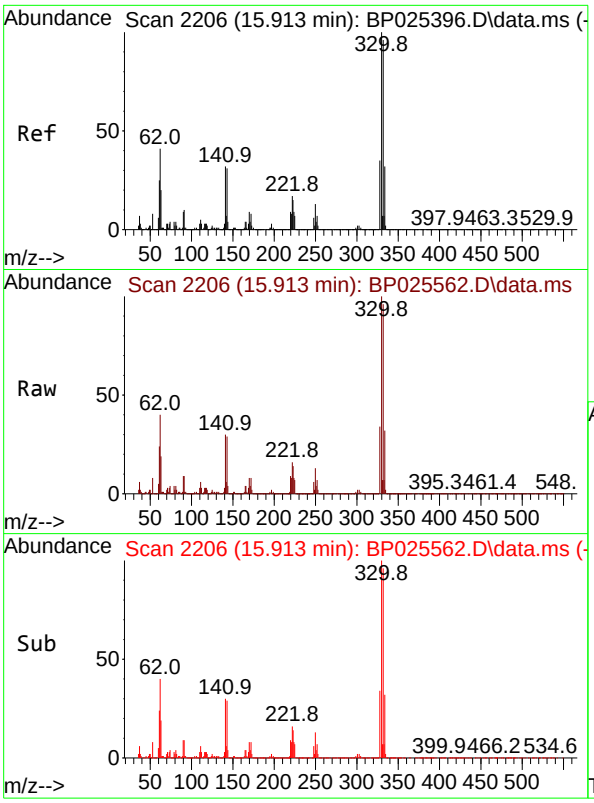


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:164 Resp: 424932

Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.0	121.6
160	43.8	35.4	53.2



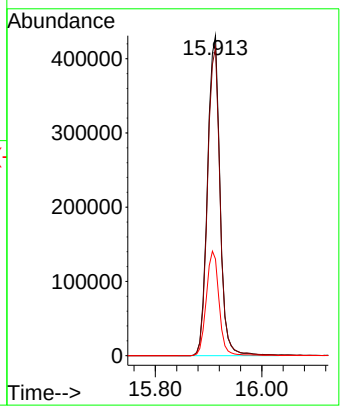


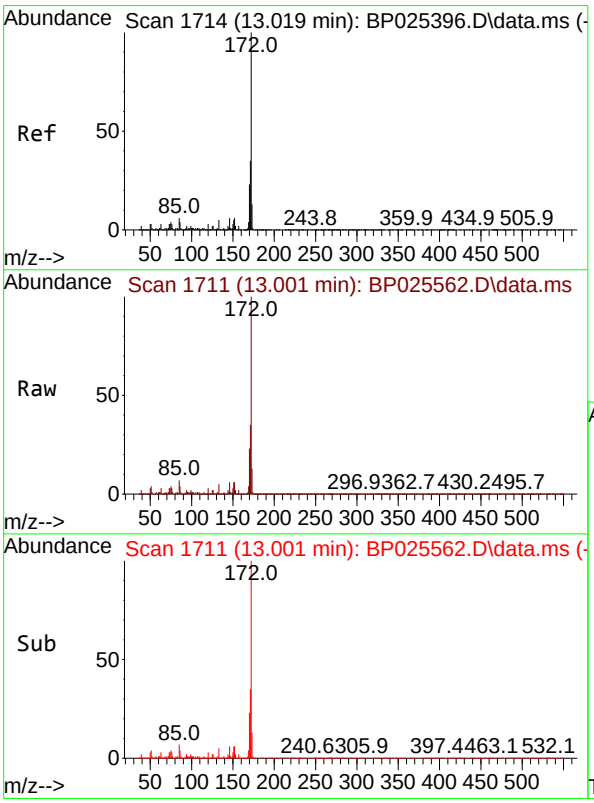
#42
2,4,6-Tribromophenol
Concen: 122.987 ng
RT: 15.913 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion:330 Resp: 703438

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	33.4	26.6	39.8

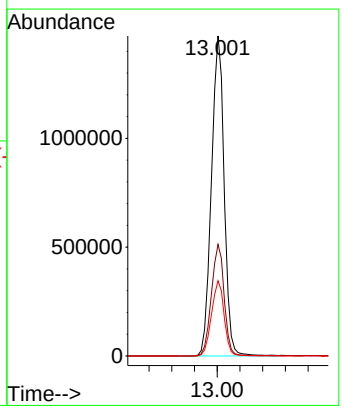


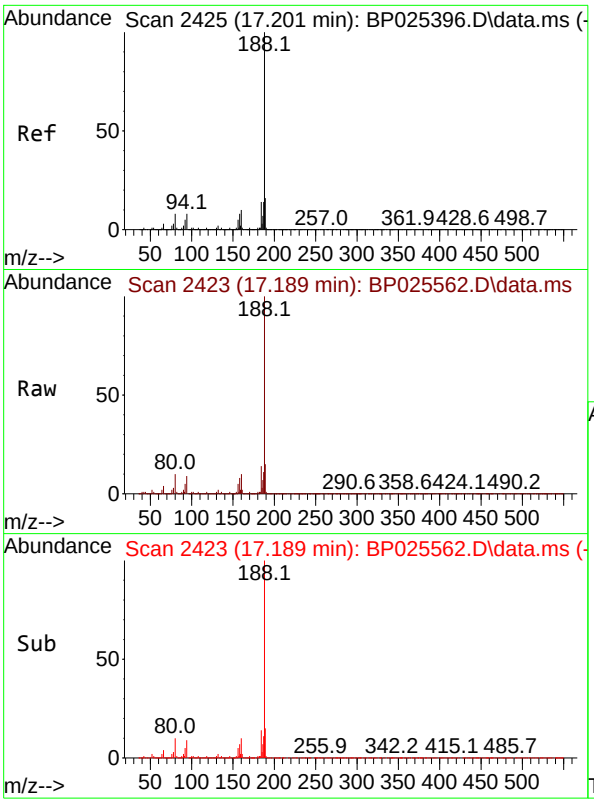


#45
2-Fluorobiphenyl
Concen: 73.312 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:172 Resp: 2279423

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.5	18.6	28.0



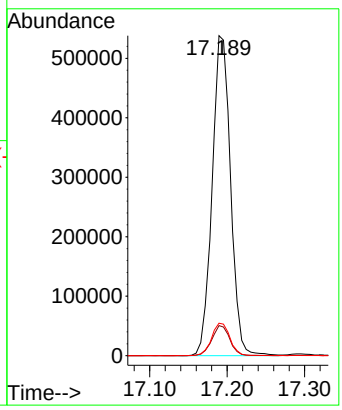


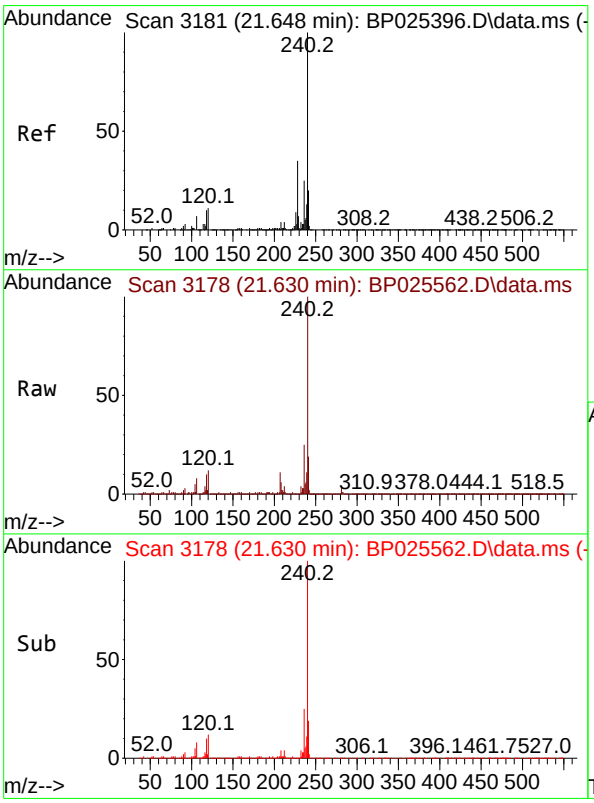
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion:188 Resp: 890876

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.6	10.0
80	10.2	6.7	10.1#

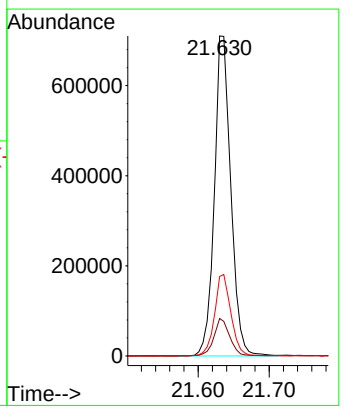


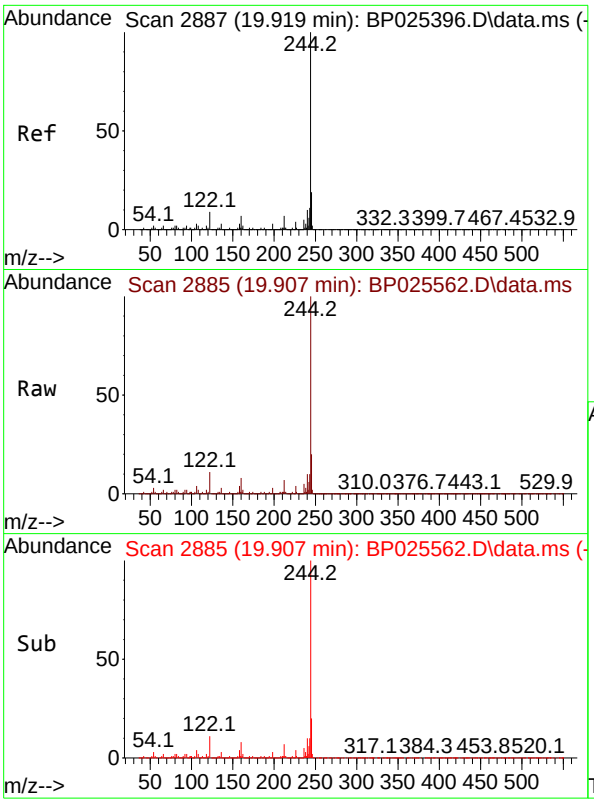


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:240 Resp: 1139399

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.9	13.3
236	24.9	19.8	29.8



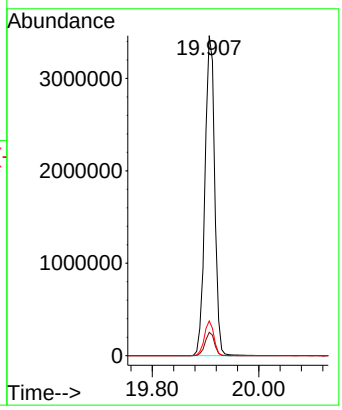


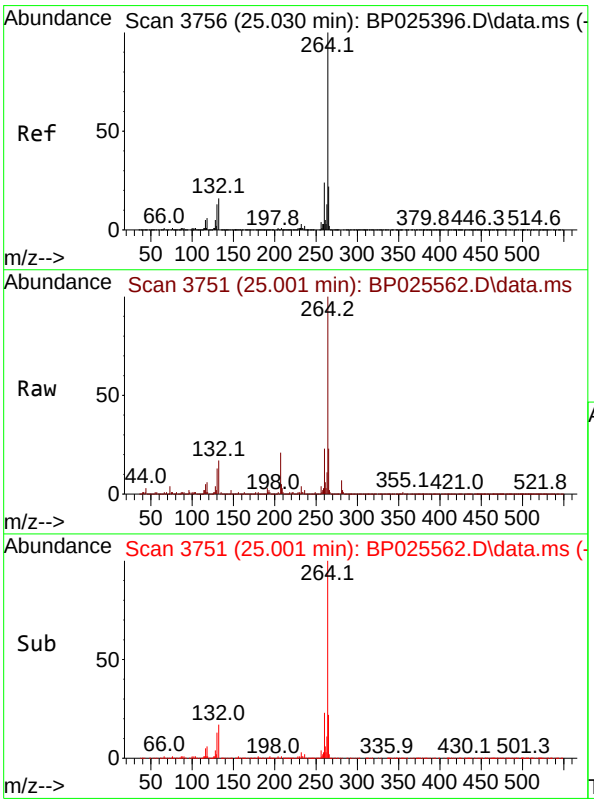
#79
Terphenyl-d14
Concen: 70.100 ng
RT: 19.907 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion:244 Resp: 4365584

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	10.9	7.4	11.2

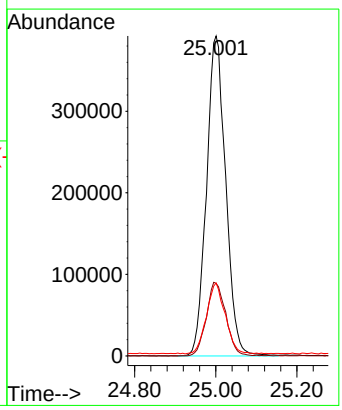




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:264 Resp: 1287992

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.3	28.9
265	22.8	17.4	26.0



Sample Results: **BP025562.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

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

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

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

Signal : TIC: BP025562.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.937	334	340	349	rBV	274048	385712	3.26%	0.792%
2	5.402	412	419	431	rBV	2910782	4425282	37.38%	9.085%
3	6.960	676	684	699	rBV	2650857	4451825	37.60%	9.139%
4	7.778	814	823	830	rBV	622696	996709	8.42%	2.046%
5	8.919	1008	1017	1031	rBV	1686610	2946761	24.89%	6.050%
6	10.543	1283	1293	1304	rBV	757756	1350823	11.41%	2.773%
7	13.001	1703	1711	1726	rBV	4265384	6557684	55.39%	13.463%
8	14.389	1939	1947	1962	rBV	1060124	1793337	15.15%	3.682%
9	15.907	2196	2205	2228	rBV	3145653	5351311	45.20%	10.986%
10	17.195	2416	2424	2437	rBV2	1317090	2227676	18.82%	4.573%
11	19.907	2879	2885	2898	rBV	9406868	11839617	100.00%	24.306%
12	21.630	3173	3178	3190	rVB	1930449	3042992	25.70%	6.247%
13	24.995	3742	3750	3765	rVB	1019950	3340202	28.21%	6.857%

Sum of corrected areas: 48709931

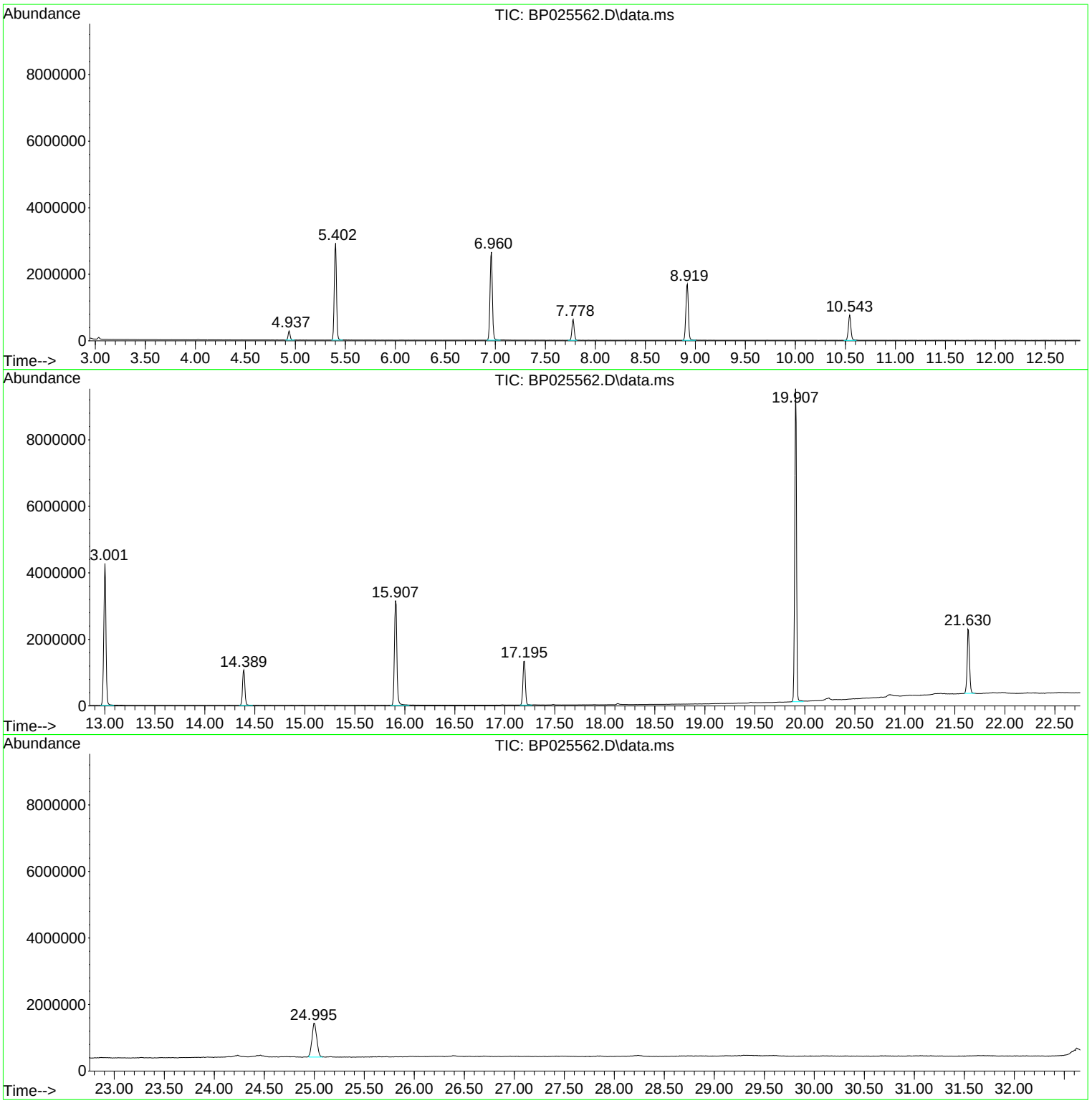
Sample Results: **BP025562.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

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

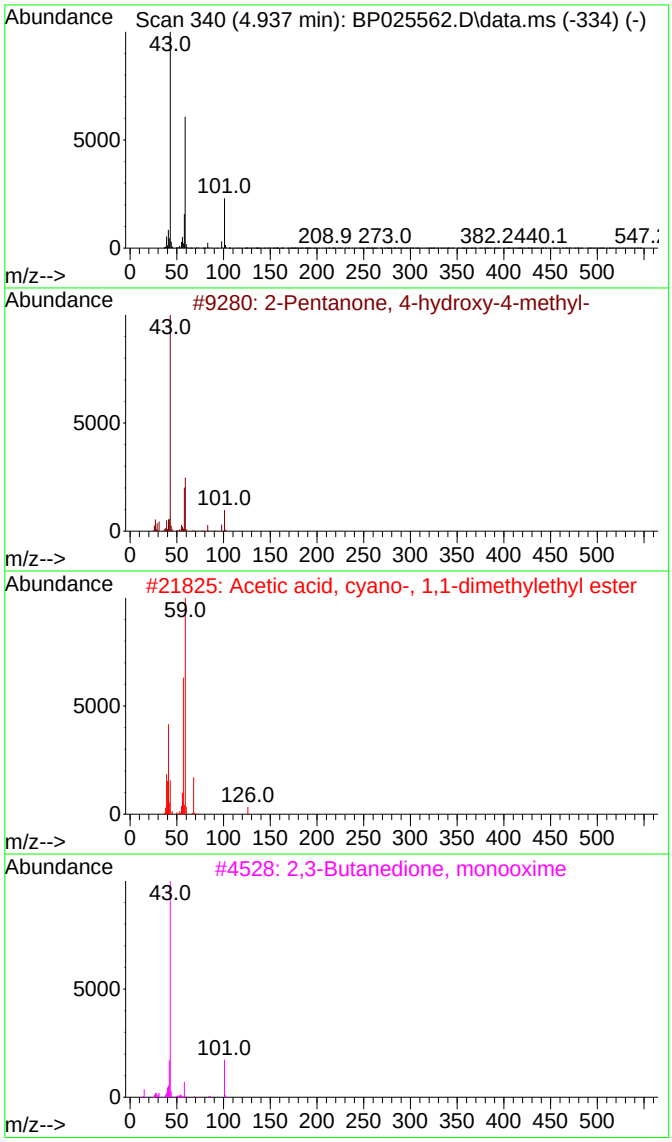
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

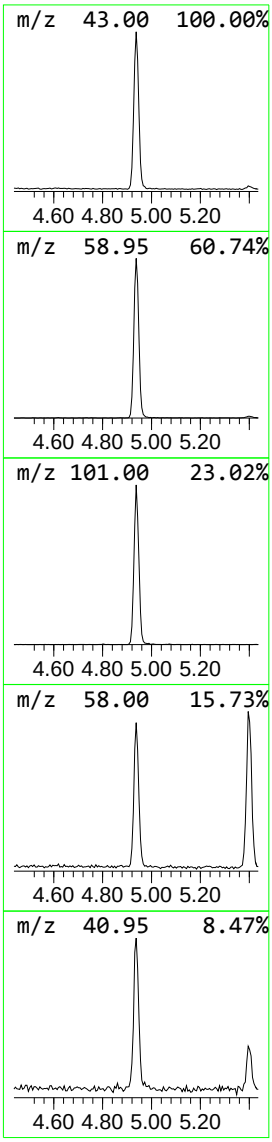
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	7.74 ng	385712	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Sample Results: **BP025562.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.937	7.7	ng	385712	1	7.778	996709	20.0

Raw Data: **BP025581.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:	PB169362BS	SDG No.:	Q2936
Lab Sample ID:	PB169362BS	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
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	22.9		3.90	10.0	ug/L
108-95-2	Phenol	41.7		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	40.1		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	41.6		0.58	5.00	ug/L
95-48-7	2-Methylphenol	41.0		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.7		1.30	5.00	ug/L
98-86-2	Acetophenone	39.8		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	39.8		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36.5		1.40	2.50	ug/L
67-72-1	Hexachloroethane	40.3		0.65	5.00	ug/L
98-95-3	Nitrobenzene	41.1		0.76	5.00	ug/L
78-59-1	Isophorone	39.2		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	42.7		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	42.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.1		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.3		0.52	5.00	ug/L
91-20-3	Naphthalene	39.7		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	23.9		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	40.8		0.54	5.00	ug/L
105-60-2	Caprolactam	39.6		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	42.3		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	39.4		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	81.0	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	44.1		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.6		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	41.8		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	40.9		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	44.0		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	41.0		0.61	5.00	ug/L

Raw Data: **BP025581.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:	PB169362BS	SDG No.:	Q2936
Lab Sample ID:	PB169362BS	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
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	40.9		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.4		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	31.2		1.10	5.00	ug/L
83-32-9	Acenaphthene	39.5		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	82.1	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	40.2		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	43.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	41.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	40.1		0.68	5.00	ug/L
86-73-7	Fluorene	40.2		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	41.1		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.7		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	42.8		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	42.2		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	42.0		0.52	5.00	ug/L
1912-24-9	Atrazine	41.7		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	86.9	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	40.9		0.50	5.00	ug/L
120-12-7	Anthracene	41.4		0.61	5.00	ug/L
86-74-8	Carbazole	40.8		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	41.6		1.20	5.00	ug/L
206-44-0	Fluoranthene	40.0		0.82	5.00	ug/L
129-00-0	Pyrene	43.4		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	44.3		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	31.9		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	42.2		0.45	5.00	ug/L
218-01-9	Chrysene	41.7		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.7		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	43.7		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	41.7		0.49	5.00	ug/L

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:	PB169362BS	SDG No.:	Q2936
Lab Sample ID:	PB169362BS	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
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	41.8		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	41.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41.4		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	41.8		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	41.4		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.0		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	34.9		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	43.0		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	116		23 - 138	77%	SPK: 150
13127-88-3	Phenol-d6	113		10 - 134	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.1		67 - 132	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.9		52 - 132	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		44 - 137	80%	SPK: 150
1718-51-0	Terphenyl-d14	75.5		42 - 152	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	256000	7.778			
1146-65-2	Naphthalene-d8	1000000	10.549			
15067-26-2	Acenaphthene-d10	636000	14.407			
1517-22-2	Phenanthrene-d10	1240000	17.195			
1719-03-5	Chrysene-d12	1180000	21.63			
1520-96-3	Perylene-d12	1320000	24.989			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025581.D
Acq On : 26 Aug 2025 11:44
Operator : CG/JU
Sample : PB169362BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Quant Time: Aug 26 12:07:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.778	152	256194	20.000	ng		-0.02
21) Naphthalene-d8	10.549	136	1004578	20.000	ng		-0.01
39) Acenaphthene-d10	14.407	164	636349	20.000	ng		0.00
64) Phenanthrene-d10	17.195	188	1239646	20.000	ng		0.00
76) Chrysene-d12	21.630	240	1177566	20.000	ng		-0.02
86) Perylene-d12	24.989	264	1318341	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	1791887	116.154	ng		0.00
7) Phenol-d6	6.972	99	2226832	112.588	ng		0.00
23) Nitrobenzene-d5	8.925	82	1431478	72.082	ng		-0.01
42) 2,4,6-Tribromophenol	15.919	330	1021885	119.305	ng		0.00
45) 2-Fluorobiphenyl	13.013	172	3299304	70.859	ng		0.00
79) Terphenyl-d14	19.919	244	4858385	75.484	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	211063	34.929	ng		98
3) Pyridine	3.726	79	587186	35.502	ng		97
4) n-Nitrosodimethylamine	3.631	42	280989	41.209	ng		97
6) Aniline	7.114	93	795779	29.862	ng		97
8) 2-Chlorophenol	7.355	128	723872	41.581	ng		98
9) Benzaldehyde	6.931	77	317953	22.945	ng		97
10) Phenol	7.002	94	864737	41.666	ng		99
11) bis(2-Chloroethyl)ether	7.208	93	648453	40.087	ng		99
12) 1,3-Dichlorobenzene	7.672	146	767314	39.973	ng		100
13) 1,4-Dichlorobenzene	7.814	146	784585	39.989	ng		99
14) 1,2-Dichlorobenzene	8.125	146	755735	39.791	ng		99
15) Benzyl Alcohol	8.014	79	617462	39.290	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.302	45	860354	39.703	ng		100
17) 2-Methylphenol	8.231	107	591057	41.006	ng		99
18) Hexachloroethane	8.855	117	291012	40.340	ng		95
19) n-Nitroso-di-n-propyla...	8.578	70	477539	36.451	ng		99
20) 3+4-Methylphenols	8.555	107	794684	39.774	ng		99
22) Acetophenone	8.596	105	1002924	39.810	ng	#	99
24) Nitrobenzene	8.966	77	730033	41.133	ng		99
25) Isophorone	9.490	82	1378210	39.215	ng		98
26) 2-Nitrophenol	9.666	139	389055	42.713	ng		97
27) 2,4-Dimethylphenol	9.737	122	662704	42.307	ng		99
28) bis(2-Chloroethoxy)met...	9.961	93	850880	40.052	ng		99
29) 2,4-Dichlorophenol	10.208	162	673024	43.252	ng		98
30) 1,2,4-Trichlorobenzene	10.413	180	685300	40.176	ng		99
31) Naphthalene	10.602	128	2075445	39.749	ng		99
32) Benzoic acid	9.908	122	524790	45.380	ng		98
33) 4-Chloroaniline	10.708	127	551600	23.916	ng		99
34) Hexachlorobutadiene	10.878	225	433221	40.781	ng		100
35) Caprolactam	11.502	113	225808	39.576	ng		97
36) 4-Chloro-3-methylphenol	11.843	107	755078	42.289	ng		98
37) 2-Methylnaphthalene	12.207	142	1339301	39.416	ng		98
38) 1-Methylnaphthalene	12.425	142	1381572	38.233	ng		99
40) 1,2,4,5-Tetrachloroben...	12.578	216	771235	41.964	ng		99
41) Hexachlorocyclopentadiene	12.560	237	899638	81.039	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	546655	44.058	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025581.D
Acq On : 26 Aug 2025 11:44
Operator : CG/JU
Sample : PB169362BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Quant Time: Aug 26 12:07:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

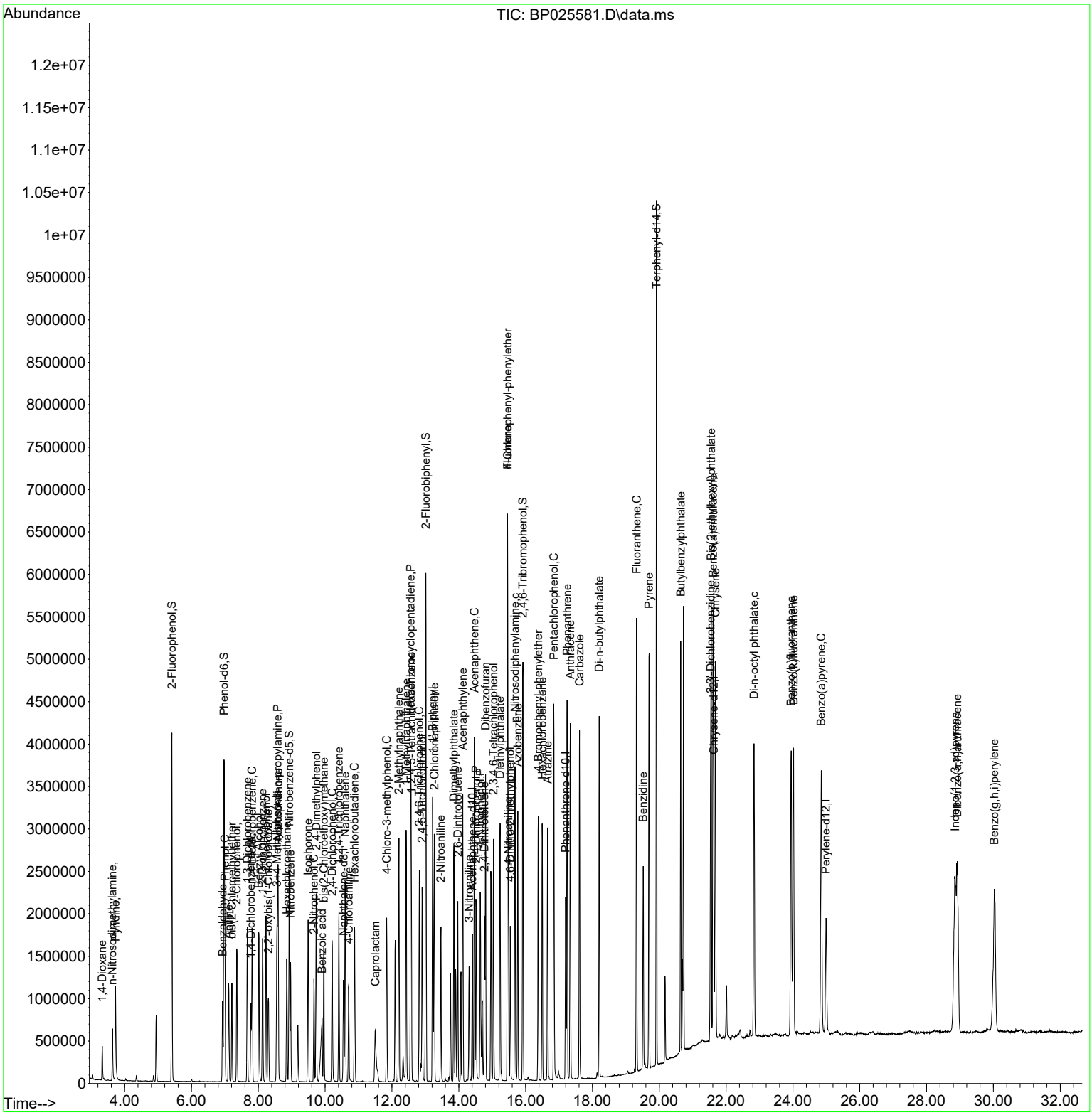
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	606774	44.621	ng		99
46) 1,1'-Biphenyl	13.219	154	1931665	41.797	ng		99
47) 2-Chloronaphthalene	13.266	162	1472263	40.921	ng		99
48) 2-Nitroaniline	13.466	65	461040	43.979	ng		98
49) Acenaphthylene	14.119	152	2435658	40.912	ng		100
50) Dimethylphthalate	13.854	163	1911307	41.016	ng		100
51) 2,6-Dinitrotoluene	13.972	165	426287	43.402	ng		99
52) Acenaphthene	14.466	154	1380494	39.505	ng		98
53) 3-Nitroaniline	14.307	138	345007	31.221	ng		97
54) 2,4-Dinitrophenol	14.519	184	533837	101.778	ng		95
55) Dibenzofuran	14.801	168	2222480	40.227	ng		99
56) 4-Nitrophenol	14.643	139	745489	82.098	ng		95
57) 2,4-Dinitrotoluene	14.766	165	611705	43.652	ng		96
58) Fluorene	15.460	166	1754062	40.236	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	516718	43.035	ng		99
60) Diethylphthalate	15.237	149	1963954	41.478	ng		99
61) 4-Chlorophenyl-phenyle...	15.460	204	869582	40.107	ng		99
62) 4-Nitroaniline	15.484	138	465461	41.087	ng		98
63) Azobenzene	15.766	77	1705622	42.069	ng		99
65) 4,6-Dinitro-2-methylph...	15.543	198	360561	46.660	ng		97
66) n-Nitrosodiphenylamine	15.684	169	1617614	42.792	ng		99
67) 4-Bromophenyl-phenylether	16.378	248	576012	42.249	ng		100
68) Hexachlorobenzene	16.495	284	664199	42.026	ng		98
69) Atrazine	16.660	200	590609	41.719	ng		100
70) Pentachlorophenol	16.843	266	866823	86.886	ng		96
71) Phenanthrene	17.242	178	2783407	40.874	ng		99
72) Anthracene	17.337	178	2880596	41.423	ng		100
73) Carbazole	17.613	167	2673601	40.817	ng		100
74) Di-n-butylphthalate	18.201	149	3353500	41.612	ng		99
75) Fluoranthene	19.319	202	3247240	39.976	ng		99
77) Benzidine	19.519	184	1596713	39.731	ng		99
78) Pyrene	19.695	202	3319660	43.373	ng		99
80) Butylbenzylphthalate	20.642	149	1537154	44.314	ng		99
81) Benzo(a)anthracene	21.607	228	3274508	42.164	ng		99
82) 3,3'-Dichlorobenzidine	21.536	252	934179	31.914	ng		99
83) Chrysene	21.678	228	3029858	41.659	ng		99
84) Bis(2-ethylhexyl)phtha...	21.554	149	2179550	42.684	ng		100
85) Di-n-octyl phthalate	22.836	149	3839151	43.711	ng		99
87) Indeno(1,2,3-cd)pyrene	28.854	276	4001108	41.384	ng	#	95
88) Benzo(b)fluoranthene	23.948	252	3243383	41.722	ng		99
89) Benzo(k)fluoranthene	24.019	252	3250836	41.789	ng		99
90) Benzo(a)pyrene	24.848	252	3144868	41.559	ng		99
91) Dibenzo(a,h)anthracene	28.918	278	3304493	41.824	ng		98
92) Benzo(g,h,i)perylene	30.024	276	3213416	41.376	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025581.D
Acq On : 26 Aug 2025 11:44
Operator : CG/JU
Sample : PB169362BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Quant Time: Aug 26 12:07:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



Raw Data: **BP025602.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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2936
Lab Sample ID:	Q2924-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 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
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.4		4.00	10.3	ug/L
108-95-2	Phenol	16.0		0.94	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.3		0.84	5.20	ug/L
95-57-8	2-Chlorophenol	39.6		0.60	5.20	ug/L
95-48-7	2-Methylphenol	33.8		1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	17.1		1.30	5.20	ug/L
98-86-2	Acetophenone	87.5	E	0.76	5.20	ug/L
65794-96-9	3+4-Methylphenols	40.9		1.10	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.2		1.50	2.60	ug/L
67-72-1	Hexachloroethane	93.2	E	0.67	5.20	ug/L
98-95-3	Nitrobenzene	85.8	E	0.78	5.20	ug/L
78-59-1	Isophorone	81.7		0.77	5.20	ug/L
88-75-5	2-Nitrophenol	86.6	E	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	75.6		1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	70.3		0.70	5.20	ug/L
120-83-2	2,4-Dichlorophenol	80.6		0.54	5.20	ug/L
91-20-3	Naphthalene	2700	E	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	28.5		0.87	5.20	ug/L
87-68-3	Hexachlorobutadiene	71.5		0.56	5.20	ug/L
105-60-2	Caprolactam	16.7		1.20	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	76.5		0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	800	E	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	79.7		3.70	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	50.2		0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	49.4		0.64	5.20	ug/L
92-52-4	1,1-Biphenyl	69.6		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	48.9		0.63	5.20	ug/L
88-74-4	2-Nitroaniline	54.1		1.30	5.20	ug/L
131-11-3	Dimethylphthalate	48.7		0.63	5.20	ug/L

Raw Data: **BP025602.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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2936
Lab Sample ID:	Q2924-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 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
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	190	E	0.77	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	51.4		0.95	5.20	ug/L
99-09-2	3-Nitroaniline	31.7		1.10	5.20	ug/L
83-32-9	Acenaphthene	54.7		0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.20	10.3	ug/L
100-02-7	4-Nitrophenol	42.0		2.50	10.3	ug/L
132-64-9	Dibenzofuran	51.3		0.63	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	53.3		1.30	5.20	ug/L
84-66-2	Diethylphthalate	50.3		0.71	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.5		0.70	5.20	ug/L
86-73-7	Fluorene	67.1		0.65	5.20	ug/L
100-01-6	4-Nitroaniline	48.5		1.50	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.1		3.00	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	51.1		0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	51.5		0.41	5.20	ug/L
118-74-1	Hexachlorobenzene	52.5		0.54	5.20	ug/L
1912-24-9	Atrazine	47.8		1.00	5.20	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.3	ug/L
85-01-8	Phenanthrene	65.4		0.52	5.20	ug/L
120-12-7	Anthracene	53.4		0.63	5.20	ug/L
86-74-8	Carbazole	61.7		0.74	5.20	ug/L
84-74-2	Di-n-butylphthalate	51.3		1.30	5.20	ug/L
206-44-0	Fluoranthene	51.0		0.85	5.20	ug/L
129-00-0	Pyrene	50.5		0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	51.2		2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	41.5		0.96	10.3	ug/L
56-55-3	Benzo(a)anthracene	49.5		0.46	5.20	ug/L
218-01-9	Chrysene	50.0		0.45	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48.4		1.60	5.20	ug/L
117-84-0	Di-n-octyl phthalate	51.0		2.40	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	50.0		0.51	5.20	ug/L

Raw Data: **BP025602.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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2936
Lab Sample ID:	Q2924-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 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
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	49.1		0.49	5.20	ug/L
50-32-8	Benzo(a)pyrene	49.3		0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.1		0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.0		0.69	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	50.2		0.71	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.1		0.54	5.20	ug/L
123-91-1	1,4-Dioxane	21.2		1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.1		0.74	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.6		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	41.4		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	148	*	67 - 132	148%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.6		52 - 132	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		44 - 137	92%	SPK: 150
1718-51-0	Terphenyl-d14	76.9		42 - 152	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	177000	7.784			
1146-65-2	Naphthalene-d8	389000	10.566			
15067-26-2	Acenaphthene-d10	433000	14.389			
1517-22-2	Phenanthrene-d10	850000	17.189			
1719-03-5	Chrysene-d12	904000	21.636			
1520-96-3	Perylene-d12	1060000	25.001			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025602.D
Acq On : 27 Aug 2025 14:18
Operator : CG/JU
Sample : Q2924-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 27 14:56:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.784	152	177033	20.000	ng		-0.01
21) Naphthalene-d8	10.566	136	389081m	20.000	ng		0.00
39) Acenaphthene-d10	14.389	164	432672	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	850262	20.000	ng		-0.01
76) Chrysene-d12	21.636	240	903685	20.000	ng		-0.01
86) Perylene-d12	25.001	264	1056322	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.413	112	720276	67.567	ng		0.00
7) Phenol-d6	6.972	99	565271	41.360	ng		0.00
23) Nitrobenzene-d5	8.925	82	1139805	148.189	ng		-0.01
42) 2,4,6-Tribromophenol	15.907	330	802398	137.779	ng		0.00
45) 2-Fluorobiphenyl	13.001	172	2521559	79.649	ng		-0.02
79) Terphenyl-d14	19.919	244	3799180	76.917	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	86034	20.604	ng		97
3) Pyridine	3.725	79	216603	18.952	ng		96
4) n-Nitrosodimethylamine	3.631	42	114731	24.350	ng	#	94
6) Aniline	7.119	93	435007	23.623	ng		97
8) 2-Chlorophenol	7.360	128	461645	38.376	ng		100
9) Benzaldehyde	6.937	77	356363	37.216	ng	#	1
10) Phenol	7.002	94	223179	15.562	ng		85
11) bis(2-Chloroethyl)ether	7.213	93	480450	42.982	ng	#	82
12) 1,3-Dichlorobenzene	7.672	146	447780	33.758	ng		98
13) 1,4-Dichlorobenzene	7.819	146	456562	33.675	ng		100
14) 1,2-Dichlorobenzene	8.131	146	451271	34.385	ng		100
15) Benzyl Alcohol	8.043	79	330762	30.458	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.325	45	248133	16.571	ng	#	56
17) 2-Methylphenol	8.249	107	326777	32.808	ng		99
18) Hexachloroethane	8.866	117	450683	90.410	ng	#	55
19) n-Nitroso-di-n-propyla...	8.578	70	370268	40.900	ng		99
20) 3+4-Methylphenols	8.549	107	547488	39.655	ng		99
22) Acetophenone	8.596	105	828397	84.900	ng		98
24) Nitrobenzene	8.966	77	572174	83.237	ng		99
25) Isophorone	9.513	82	1078122	79.204	ng		99
26) 2-Nitrophenol	9.672	139	296181	83.956	ng		98
27) 2,4-Dimethylphenol	9.749	122	445083	73.364	ng		100
28) bis(2-Chloroethoxy)met...	9.990	93	561312	68.218	ng		97
29) 2,4-Dichlorophenol	10.231	162	471453	78.228	ng		97
30) 1,2,4-Trichlorobenzene	10.443	180	497208	75.260	ng		98
31) Naphthalene	10.607	128	53384471m	2639.830	ng		
32) Benzoic acid	9.872	122	137031	30.594	ng		95
33) 4-Chloroaniline	10.707	127	246679m	27.615	ng		
34) Hexachlorobutadiene	10.890	225	285321	69.347	ng		98
35) Caprolactam	11.513	113	35758	16.181	ng		90
36) 4-Chloro-3-methylphenol	11.837	107	513005	74.182	ng		95
37) 2-Methylnaphthalene	12.213	142	10166437	772.505	ng		97
38) 1-Methylnaphthalene	12.431	142	7289723	520.863	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	607380	48.606	ng		99
41) Hexachlorocyclopentadiene	12.554	237	583510	77.305	ng		99
43) 2,4,6-Trichlorophenol	12.813	196	410669	48.679	ng		99

Sample Results: **BP025602.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025602.D
Acq On : 27 Aug 2025 14:18
Operator : CG/JU
Sample : Q2924-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 27 14:56:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	442682	47.879	ng	97
46) 1,1'-Biphenyl	13.219	154	2122145	67.534	ng	99
47) 2-Chloronaphthalene	13.260	162	1159450	47.397	ng	99
48) 2-Nitroaniline	13.460	65	373967	52.466	ng	99
49) Acenaphthylene	14.113	152	7330044	181.084	ng	98
50) Dimethylphthalate	13.842	163	1497485	47.263	ng	99
51) 2,6-Dinitrotoluene	13.966	165	332758	49.828	ng	96
52) Acenaphthene	14.454	154	1259575	53.012	ng	100
53) 3-Nitroaniline	14.295	138	230882	30.729	ng	98
54) 2,4-Dinitrophenol	14.507	184	407573	114.285	ng	99
55) Dibenzofuran	14.789	168	1868479	49.740	ng	100
56) 4-Nitrophenol	14.648	139	251770	40.778	ng	96
57) 2,4-Dinitrotoluene	14.760	165	492932	51.735	ng	98
58) Fluorene	15.454	166	1929806	65.105	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.031	232	404723m	49.575	ng	
60) Diethylphthalate	15.225	149	1570718	48.789	ng	99
61) 4-Chlorophenyl-phenyle...	15.448	204	693292	47.029	ng	99
62) 4-Nitroaniline	15.472	138	362177	47.020	ng	97
63) Azobenzene	15.754	77	1380374	50.074	ng	97
65) 4,6-Dinitro-2-methylph...	15.536	198	283344	53.460	ng	94
66) n-Nitrosodiphenylamine	15.672	169	1286193	49.606	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	467298	49.971	ng	99
68) Hexachlorobenzene	16.483	284	552050	50.927	ng	98
69) Atrazine	16.654	200	450342	46.379	ng	98
70) Pentachlorophenol	16.836	266	715400	104.547	ng	98
71) Phenanthrene	17.236	178	2961334	63.401	ng	100
72) Anthracene	17.336	178	2472023	51.827	ng	100
73) Carbazole	17.607	167	2687128	59.810	ng	100
74) Di-n-butylphthalate	18.201	149	2751702	49.782	ng	100
75) Fluoranthene	19.319	202	2756444	49.475	ng	99
77) Benzidine	19.524	184	778981	25.258	ng	99
78) Pyrene	19.695	202	2876336	48.970	ng	99
80) Butylbenzylphthalate	20.648	149	1322126	49.666	ng	98
81) Benzo(a)anthracene	21.618	228	2864079	48.056	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	904366	40.258	ng	99
83) Chrysene	21.689	228	2708735	48.532	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1840824	46.976	ng	99
85) Di-n-octyl phthalate	22.842	149	3331848	49.432	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	3764445m	48.595	ng	
88) Benzo(b)fluoranthene	23.948	252	3022805	48.529	ng	99
89) Benzo(k)fluoranthene	24.018	252	2971189	47.668	ng	99
90) Benzo(a)pyrene	24.854	252	2898626	47.806	ng	99
91) Dibenzo(a,h)anthracene	28.936	278	3130465	49.450	ng	98
92) Benzo(g,h,i)perylene	30.047	276	3028218	48.663	ng	99

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

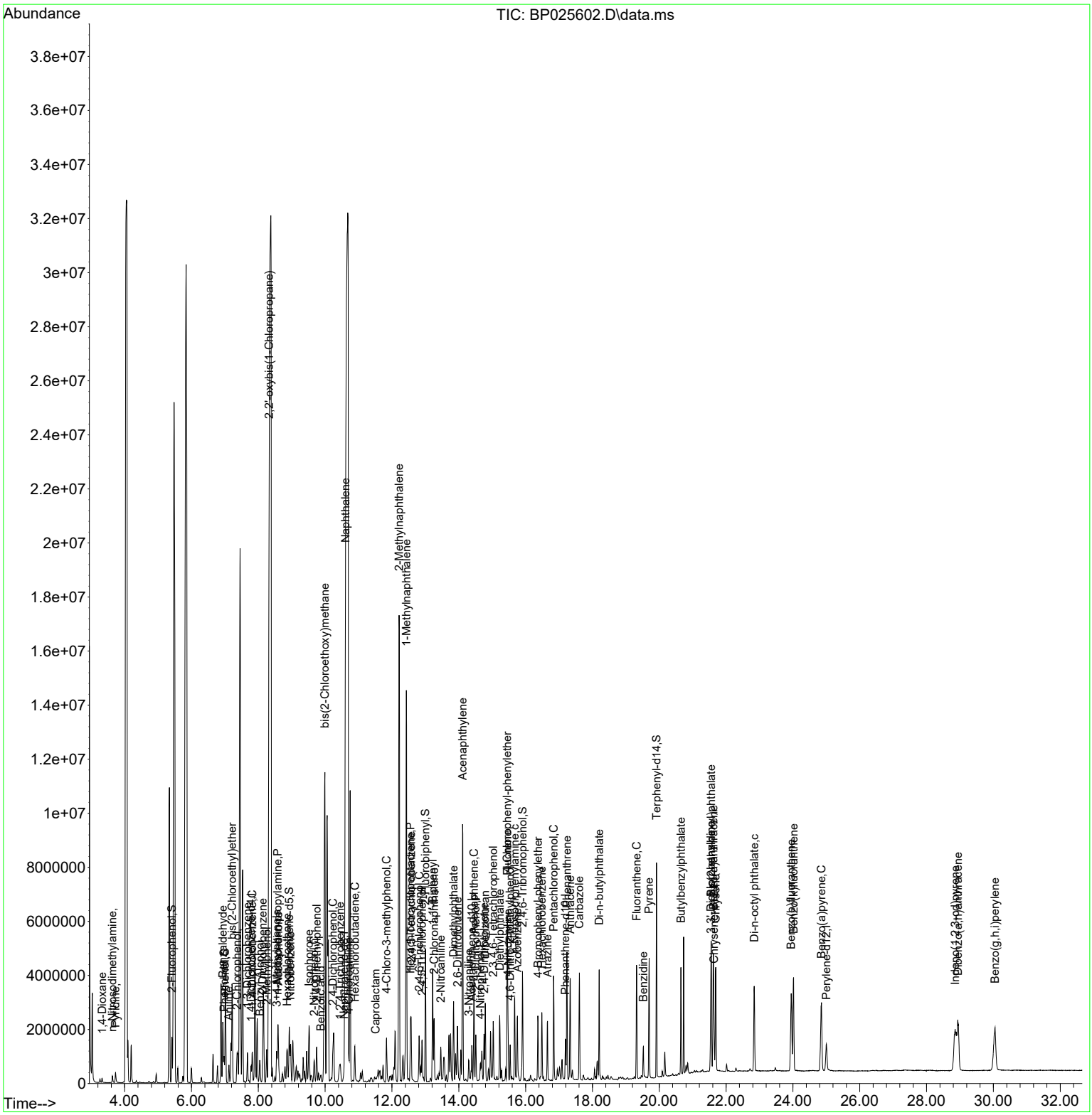
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025602.D
Acq On : 27 Aug 2025 14:18
Operator : CG/JU
Sample : Q2924-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 27 14:56:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



Raw Data: **BP025603.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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2936
Lab Sample ID:	Q2924-04MSD	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
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	37.7		4.10	10.5	ug/L
108-95-2	Phenol	16.4		0.96	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.2		0.85	5.30	ug/L
95-57-8	2-Chlorophenol	39.6		0.61	5.30	ug/L
95-48-7	2-Methylphenol	34.5		1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	18.4		1.30	5.30	ug/L
98-86-2	Acetophenone	90.6	E	0.78	5.30	ug/L
65794-96-9	3+4-Methylphenols	41.7		1.20	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.2		1.50	2.60	ug/L
67-72-1	Hexachloroethane	96.9	E	0.68	5.30	ug/L
98-95-3	Nitrobenzene	89.1	E	0.80	5.30	ug/L
78-59-1	Isophorone	85.0	E	0.79	5.30	ug/L
88-75-5	2-Nitrophenol	90.4	E	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	78.4		1.90	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	75.2		0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	85.1	E	0.55	5.30	ug/L
91-20-3	Naphthalene	3000	E	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	31.3		0.88	5.30	ug/L
87-68-3	Hexachlorobutadiene	74.8		0.57	5.30	ug/L
105-60-2	Caprolactam	17.0		1.20	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	79.4		0.62	5.30	ug/L
91-57-6	2-Methylnaphthalene	850	E	0.59	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	76.9		3.80	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	50.2		0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	49.9		0.65	5.30	ug/L
92-52-4	1,1-Biphenyl	70.0		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	48.9		0.64	5.30	ug/L
88-74-4	2-Nitroaniline	53.9		1.30	5.30	ug/L
131-11-3	Dimethylphthalate	47.8		0.64	5.30	ug/L

Raw Data: **BP025603.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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2936
Lab Sample ID:	Q2924-04MSD	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
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	190	E	0.79	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	51.3		0.97	5.30	ug/L
99-09-2	3-Nitroaniline	32.4		1.10	5.30	ug/L
83-32-9	Acenaphthene	53.5		0.58	5.30	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.30	10.5	ug/L
100-02-7	4-Nitrophenol	42.7		2.50	10.5	ug/L
132-64-9	Dibenzofuran	51.2		0.64	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	52.5		1.30	5.30	ug/L
84-66-2	Diethylphthalate	48.9		0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.5		0.72	5.30	ug/L
86-73-7	Fluorene	68.0		0.66	5.30	ug/L
100-01-6	4-Nitroaniline	49.4		1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.7		3.00	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	50.5		0.61	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	52.0		0.42	5.30	ug/L
118-74-1	Hexachlorobenzene	52.3		0.55	5.30	ug/L
1912-24-9	Atrazine	48.5		1.10	5.30	ug/L
87-86-5	Pentachlorophenol	110	E	1.70	10.5	ug/L
85-01-8	Phenanthrene	67.2		0.53	5.30	ug/L
120-12-7	Anthracene	53.2		0.64	5.30	ug/L
86-74-8	Carbazole	63.5		0.76	5.30	ug/L
84-74-2	Di-n-butylphthalate	52.6		1.30	5.30	ug/L
206-44-0	Fluoranthene	51.6		0.86	5.30	ug/L
129-00-0	Pyrene	50.1		0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	52.0		2.00	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	43.4		0.98	10.5	ug/L
56-55-3	Benzo(a)anthracene	49.9		0.47	5.30	ug/L
218-01-9	Chrysene	51.2		0.46	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.7		1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	52.0		2.50	10.5	ug/L
205-99-2	Benzo(b)fluoranthene	50.4		0.52	5.30	ug/L

Raw Data: **BP025603.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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2936
Lab Sample ID:	Q2924-04MSD	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
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	49.6		0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	49.8		0.58	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.9		0.62	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.6		0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	50.6		0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	49.8		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	21.8		1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.6		0.76	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.4		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	41.4		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	149	*	67 - 132	149%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.1		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	76.2		42 - 152	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	166000	7.778			
1146-65-2	Naphthalene-d8	359000	10.566			
15067-26-2	Acenaphthene-d10	418000	14.401			
1517-22-2	Phenanthrene-d10	814000	17.201			
1719-03-5	Chrysene-d12	888000	21.636			
1520-96-3	Perylene-d12	1060000	25.007			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025603.D
Acq On : 27 Aug 2025 15:00
Operator : CG/JU
Sample : Q2924-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 27 15:23:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.778	152	165573	20.000	ng		-0.02
21) Naphthalene-d8	10.566	136	358938m	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	417829	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	814298	20.000	ng		0.00
76) Chrysene-d12	21.636	240	887974	20.000	ng		-0.01
86) Perylene-d12	25.007	264	1057493	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	671751	67.377	ng		0.00
7) Phenol-d6	6.972	99	529341	41.411	ng		0.00
23) Nitrobenzene-d5	8.925	82	1058184	149.131	ng		-0.01
42) 2,4,6-Tribromophenol	15.913	330	757775	134.739	ng		0.00
45) 2-Fluorobiphenyl	13.007	172	2386494	78.060	ng		-0.01
79) Terphenyl-d14	19.919	244	3697065	76.174	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	80709	20.667	ng		99
3) Pyridine	3.725	79	202156	18.912	ng		95
4) n-Nitrosodimethylamine	3.631	42	105107	23.851	ng		96
6) Aniline	7.113	93	412121	23.929	ng		97
8) 2-Chlorophenol	7.360	128	422887	37.587	ng		97
9) Benzaldehyde	6.931	77	320616	35.801	ng	#	1
10) Phenol	6.996	94	209480	15.618	ng		89
11) bis(2-Chloroethyl)ether	7.213	93	438912	41.984	ng	#	81
12) 1,3-Dichlorobenzene	7.672	146	417263	33.634	ng		98
13) 1,4-Dichlorobenzene	7.813	146	431205	34.006	ng		98
14) 1,2-Dichlorobenzene	8.131	146	424297	34.567	ng		99
15) Benzyl Alcohol	8.037	79	309179	30.441	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.319	45	244473	17.457	ng	#	57
17) 2-Methylphenol	8.243	107	305694	32.816	ng		98
18) Hexachloroethane	8.866	117	429233	92.067	ng	#	53
19) n-Nitroso-di-n-propyla...	8.578	70	347670	41.062	ng		99
20) 3+4-Methylphenols	8.543	107	511394	39.604	ng		99
22) Acetophenone	8.590	105	774732	86.068	ng		98
24) Nitrobenzene	8.966	77	536503	84.602	ng		98
25) Isophorone	9.507	82	1014281	80.771	ng		98
26) 2-Nitrophenol	9.672	139	279469	85.872	ng		99
27) 2,4-Dimethylphenol	9.749	122	417062	74.518	ng		97
28) bis(2-Chloroethoxy)met...	9.984	93	542429	71.459	ng		97
29) 2,4-Dichlorophenol	10.231	162	449299	80.812	ng		99
30) 1,2,4-Trichlorobenzene	10.443	180	470127	77.137	ng		98
31) Naphthalene	10.607	128	53257232m	2854.698	ng		
32) Benzoic acid	9.872	122	130466	31.575	ng		99
33) 4-Chloroaniline	10.713	127	245084m	29.741	ng		
34) Hexachlorobutadiene	10.884	225	269655	71.043	ng		97
35) Caprolactam	11.507	113	33012	16.193	ng		92
36) 4-Chloro-3-methylphenol	11.837	107	481225	75.431	ng		91
37) 2-Methylnaphthalene	12.219	142	9833822	809.982	ng		97
38) 1-Methylnaphthalene	12.431	142	6970742	539.898	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	570448	47.272	ng		99
41) Hexachlorocyclopentadiene	12.554	237	532370	73.036	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	388583	47.698	ng		99

Sample Results: **BP025603.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025603.D
Acq On : 27 Aug 2025 15:00
Operator : CG/JU
Sample : Q2924-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 27 15:23:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	423357	47.415	ng		97
46) 1,1'-Biphenyl	13.219	154	2017741	66.493	ng		99
47) 2-Chloronaphthalene	13.260	162	1096677	46.423	ng		98
48) 2-Nitroaniline	13.466	65	352640	51.231	ng		99
49) Acenaphthylene	14.125	152	6895606	176.403	ng		99
50) Dimethylphthalate	13.842	163	1390812	45.456	ng		99
51) 2,6-Dinitrotoluene	13.960	165	314131	48.710	ng		92
52) Acenaphthene	14.466	154	1167251	50.872	ng		100
53) 3-Nitroaniline	14.295	138	223346	30.782	ng		94
54) 2,4-Dinitrophenol	14.513	184	383271	111.288	ng		98
55) Dibenzofuran	14.807	168	1764171	48.631	ng		98
56) 4-Nitrophenol	14.642	139	241694	40.537	ng		92
57) 2,4-Dinitrotoluene	14.766	165	458819	49.866	ng		96
58) Fluorene	15.460	166	1850230	64.638	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.037	232	379145	48.091	ng		99
60) Diethylphthalate	15.231	149	1443076	46.416	ng		100
61) 4-Chlorophenyl-phenyle...	15.460	204	655680	46.058	ng		96
62) 4-Nitroaniline	15.484	138	349130	46.936	ng		95
63) Azobenzene	15.754	77	1311741	49.274	ng		98
65) 4,6-Dinitro-2-methylph...	15.548	198	268592	52.915	ng		96
66) n-Nitrosodiphenylamine	15.666	169	1192328	48.017	ng		100
67) 4-Bromophenyl-phenylether	16.366	248	442265	49.383	ng		95
68) Hexachlorobenzene	16.489	284	516257	49.728	ng		98
69) Atrazine	16.654	200	428690	46.099	ng		99
70) Pentachlorophenol	16.848	266	659376	100.616	ng		97
71) Phenanthrene	17.242	178	2855159	63.828	ng		99
72) Anthracene	17.336	178	2308905	50.545	ng		99
73) Carbazole	17.619	167	2594549	60.300	ng		99
74) Di-n-butylphthalate	18.207	149	2643612	49.938	ng		100
75) Fluoranthene	19.325	202	2617503	49.056	ng		99
77) Benzidine	19.513	184	785899	25.933	ng		100
78) Pyrene	19.701	202	2744373	47.550	ng		100
80) Butylbenzylphthalate	20.636	149	1291637	49.379	ng		98
81) Benzo(a)anthracene	21.619	228	2778578	47.447	ng		99
82) 3,3'-Dichlorobenzidine	21.530	252	910515	41.249	ng		99
83) Chrysene	21.683	228	2668181	48.651	ng		99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1818319	47.223	ng		100
85) Di-n-octyl phthalate	22.836	149	3269105	49.360	ng		99
87) Indeno(1,2,3-cd)pyrene	28.836	276	3751770	48.377	ng	#	91
88) Benzo(b)fluoranthene	23.948	252	2986627	47.895	ng		98
89) Benzo(k)fluoranthene	24.024	252	2942937	47.163	ng		99
90) Benzo(a)pyrene	24.854	252	2870696	47.293	ng		99
91) Dibenzo(a,h)anthracene	28.924	278	3109637	49.066	ng		98
92) Benzo(g,h,i)perylene	30.042	276	2995786	48.088	ng		98

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

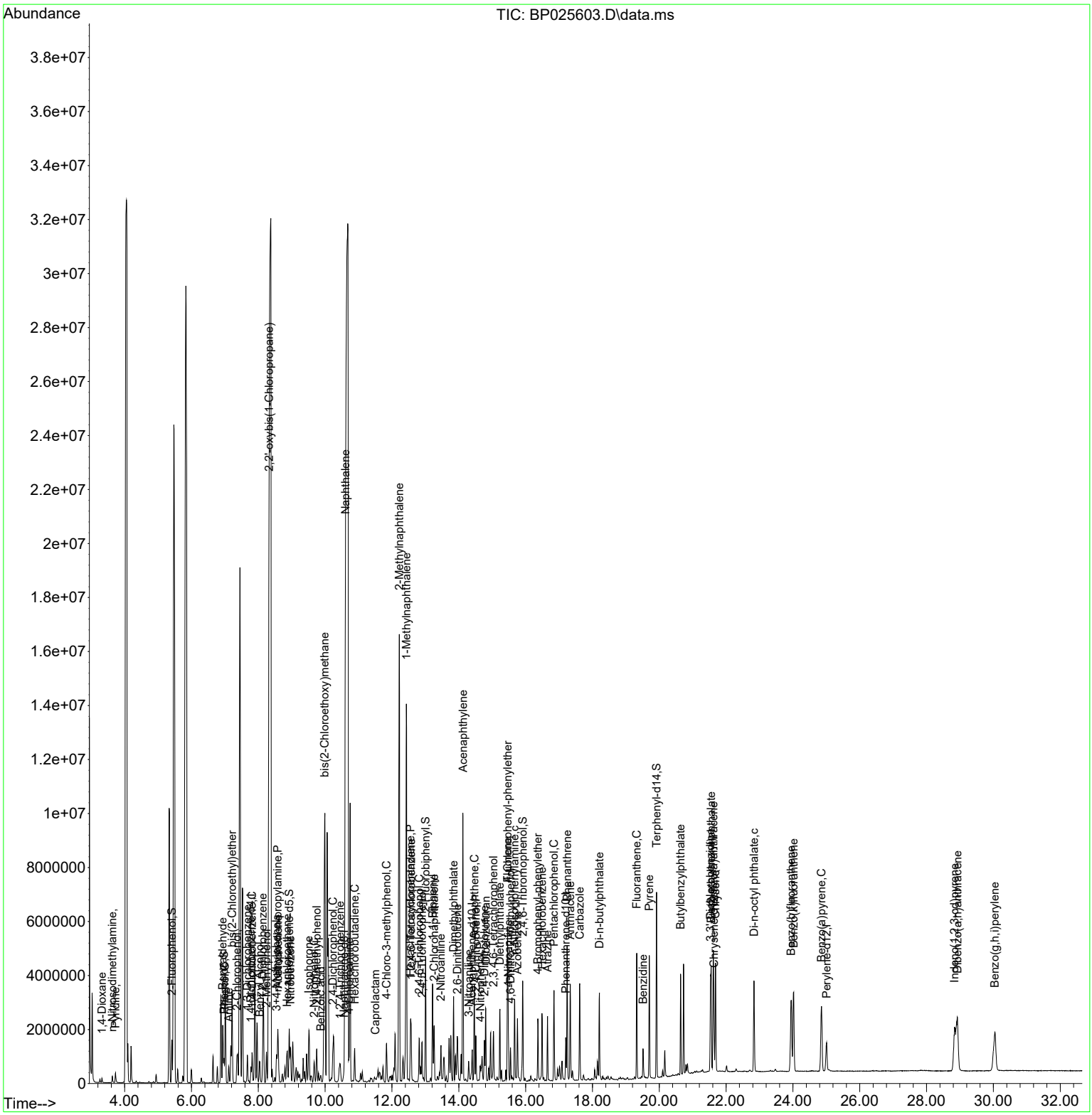
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025603.D
Acq On : 27 Aug 2025 15:00
Operator : CG/JU
Sample : Q2924-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 27 15:23:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



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

Manual Integration Report

Sequence:	BF082625	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC020	BF143588.D	Benzoic acid	Rahul	8/27/2025 9:25:16 AM	Jagrut	8/27/2025 11:38:59 AM	Peak Integrated by Software
SSTDICCC040	BF143589.D	Phenol	Rahul	8/27/2025 9:25:18 AM	Jagrut	8/27/2025 11:39:02 AM	Peak Integrated by Software
SSTDICC050	BF143590.D	Phenol	Rahul	8/27/2025 9:25:20 AM	Jagrut	8/27/2025 11:39:05 AM	Peak Integrated by Software
SSTDICC060	BF143591.D	Phenol	Rahul	8/27/2025 9:25:23 AM	Jagrut	8/27/2025 11:39:06 AM	Peak Integrated by Software
SSTDICC080	BF143592.D	Phenol	Rahul	8/27/2025 9:25:26 AM	Jagrut	8/27/2025 11:39:09 AM	Peak Integrated by Software
SSTDICV040	BF143593.D	Phenol	Rahul	8/27/2025 9:25:29 AM	Jagrut	8/27/2025 11:39:18 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BF082725	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

Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

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

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

Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

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

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

Manual Integration Report

Sequence:	BP082225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025544.D	Indeno(1,2,3-cd)pyrene	rahul	8/25/2025 10:22:13 AM	Jagrut	8/25/2025 7:03:59 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP082525	Instrument	BNA_p

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

Manual Integration Report

Sequence:	bp082625	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2936-02	BP025591.D	Naphthalene	Rahul	8/27/2025 9:26:44 AM	Jagrut	8/27/2025 11:37:03 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP082725	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2924-03MS	BP025602.D	2,3,4,6-Tetrachlorophenol	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	4-Chloroaniline	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	Indeno(1,2,3-cd)pyrene	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	Naphthalene	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	Naphthalene-d8	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-04MSD	BP025603.D	4-Chloroaniline	Rahul	8/28/2025 8:28:51 AM	Jagrut	8/28/2025 1:39:22 PM	Peak Integrated by Software
Q2924-04MSD	BP025603.D	Naphthalene	Rahul	8/28/2025 8:28:51 AM	Jagrut	8/28/2025 1:39:22 PM	Peak Integrated by Software
Q2924-04MSD	BP025603.D	Naphthalene-d8	Rahul	8/28/2025 8:28:51 AM	Jagrut	8/28/2025 1:39:22 PM	Peak Integrated by Software

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF082625

Review By	Rahul	Review On	8/27/2025 9:26:22 AM		
Supervise By	Jagrut	Supervise On	8/27/2025 11:41:31 AM		
SubDirectory	BF082625	HP Acquire Method	BNA_F	HP Processing Method	BF082625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143584.D	26 Aug 2025 08:36	RC/JU	Ok
2	SSTDICC2.5	BF143585.D	26 Aug 2025 09:11	RC/JU	Ok
3	SSTDICC005	BF143586.D	26 Aug 2025 09:39	RC/JU	Ok
4	SSTDICC010	BF143587.D	26 Aug 2025 10:08	RC/JU	Ok
5	SSTDICC020	BF143588.D	26 Aug 2025 10:37	RC/JU	Ok,M
6	SSTDICCC040	BF143589.D	26 Aug 2025 11:06	RC/JU	Ok,M
7	SSTDICC050	BF143590.D	26 Aug 2025 11:35	RC/JU	Ok,M
8	SSTDICC060	BF143591.D	26 Aug 2025 12:03	RC/JU	Ok,M
9	SSTDICC080	BF143592.D	26 Aug 2025 12:32	RC/JU	Ok,M
10	SSTDICV040	BF143593.D	26 Aug 2025 15:40	RC/JU	Ok,M
11	PB169355TB	BF143594.D	26 Aug 2025 16:09	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 # BF082725

Review By	Rahul	Review On	8/28/2025 8:29:45 AM				
Supervise By	Jagrut	Supervise On	8/28/2025 1:41:00 PM				
SubDirectory	BF082725	HP Acquire Method	BNA_F		HP Processing Method	BF082625	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143595.D	27 Aug 2025 08:48	RC/JU	Ok
2	SSTDCCC040	BF143596.D	27 Aug 2025 09:16	RC/JU	Ok
3	PB169400BL	BF143597.D	27 Aug 2025 09:45	RC/JU	Ok
4	PB169400BS	BF143598.D	27 Aug 2025 10:15	RC/JU	Ok,M
5	PB169400BSD	BF143599.D	27 Aug 2025 10:44	RC/JU	Ok,M
6	Q2954-11	BF143600.D	27 Aug 2025 11:24	RC/JU	Ok
7	Q2924-11	BF143601.D	27 Aug 2025 11:53	RC/JU	Ok
8	Q2936-03	BF143602.D	27 Aug 2025 12:22	RC/JU	Ok
9	Q2924-07	BF143603.D	27 Aug 2025 12:52	RC/JU	Ok
10	Q2936-01	BF143604.D	27 Aug 2025 13:21	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

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

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

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

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

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

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

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

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082225

Review By	rahul	Review On	8/25/2025 10:24:30 AM		
Supervise By	Jagrut	Supervise On	8/25/2025 7:04:22 PM		
SubDirectory	BP082225	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	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	BP025543.D	22 Aug 2025 10:08	CG/JU	Ok
2	SSTDCCC040	BP025544.D	22 Aug 2025 10:49	CG/JU	Ok,M
3	PB169346BL	BP025545.D	22 Aug 2025 12:06	CG/JU	Ok
4	PB169346BS	BP025546.D	22 Aug 2025 12:47	CG/JU	Ok
5	Q2832-01	BP025547.D	22 Aug 2025 13:32	CG/JU	Ok,M
6	Q2832-03	BP025548.D	22 Aug 2025 14:13	CG/JU	Ok,M
7	Q2903-11	BP025549.D	22 Aug 2025 14:54	CG/JU	Ok
8	Q2916-01	BP025550.D	22 Aug 2025 15:35	CG/JU	Ok
9	Q2936-04	BP025551.D	22 Aug 2025 16:17	CG/JU	Ok
10	Q2924-10	BP025552.D	22 Aug 2025 16:58	CG/JU	Ok
11	Q2934-01	BP025553.D	22 Aug 2025 17:39	CG/JU	Ok
12	Q2934-02	BP025554.D	22 Aug 2025 18:20	CG/JU	Ok
13	Q2934-03	BP025555.D	22 Aug 2025 19:02	CG/JU	Ok
14	Q2934-04	BP025556.D	22 Aug 2025 19:43	CG/JU	Ok
15	Q2917-01	BP025557.D	22 Aug 2025 20:24	CG/JU	Ok,M
16	Q2919-01	BP025558.D	22 Aug 2025 21:05	CG/JU	Ok,M
17	Q2909-01	BP025559.D	22 Aug 2025 21:46	CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082525

Review By	Rahul	Review On	8/26/2025 10:26:59 AM		
Supervise By	Jagrut	Supervise On	8/26/2025 12:54:30 PM		
SubDirectory	BP082525	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025560.D	25 Aug 2025 10:24	CG/JU	Ok
2	SSTDCCC040	BP025561.D	25 Aug 2025 12:13	CG/JU	Ok
3	PB169362BL	BP025562.D	25 Aug 2025 12:54	CG/JU	Ok
4	SP6865	BP025563.D	25 Aug 2025 13:36	CG/JU	Ok
5	Q2933-04	BP025564.D	25 Aug 2025 14:21	CG/JU	Ok
6	Q2933-04MS	BP025565.D	25 Aug 2025 15:02	CG/JU	Ok
7	Q2933-04MSD	BP025566.D	25 Aug 2025 15:43	CG/JU	Ok
8	Q2932-05	BP025567.D	25 Aug 2025 16:25	CG/JU	Ok
9	Q2933-02	BP025568.D	25 Aug 2025 17:06	CG/JU	Ok
10	Q2909-02	BP025569.D	25 Aug 2025 17:48	CG/JU	Ok,M
11	Q2909-02MS	BP025570.D	25 Aug 2025 18:29	CG/JU	Ok,M
12	Q2909-02MSD	BP025571.D	25 Aug 2025 19:11	CG/JU	Ok,M
13	Q2932-01	BP025572.D	25 Aug 2025 19:52	CG/JU	Ok
14	Q2949-01	BP025573.D	25 Aug 2025 20:33	CG/JU	Ok
15	Q2941-01	BP025574.D	25 Aug 2025 21:14	CG/JU	Ok,M
16	Q2947-01	BP025575.D	25 Aug 2025 21:55	CG/JU	Ok,M
17	Q2932-03	BP025576.D	25 Aug 2025 22:37	CG/JU	Not Ok
18	Q2947-03	BP025577.D	25 Aug 2025 23:18	CG/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082625

Review By	Rahul	Review On	8/27/2025 9:27:24 AM				
Supervise By	Jagrut	Supervise On	8/27/2025 11:38:38 AM				
SubDirectory	BP082625	HP Acquire Method	BNA_P		HP Processing Method	bp081425	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025578.D	26 Aug 2025 08:59	CG/JU	Ok
2	SSTDCCC040	BP025579.D	26 Aug 2025 10:21	CG/JU	Ok
3	PB169325TB	BP025580.D	26 Aug 2025 11:02	CG/JU	Ok
4	PB169362BS	BP025581.D	26 Aug 2025 11:44	CG/JU	Ok
5	Q2941-02	BP025582.D	26 Aug 2025 12:29	CG/JU	Ok
6	Q2924-05DL	BP025583.D	26 Aug 2025 13:10	CG/JU	Dilution
7	Q2932-03	BP025584.D	26 Aug 2025 13:51	CG/JU	Ok,M
8	Q2926-01	BP025585.D	26 Aug 2025 14:33	CG/JU	Ok
9	Q2924-05DL2	BP025586.D	26 Aug 2025 15:14	CG/JU	Ok
10	Q2940-01	BP025587.D	26 Aug 2025 15:55	CG/JU	Ok
11	Q2924-08	BP025588.D	26 Aug 2025 16:37	CG/JU	Ok
12	Q2924-09	BP025589.D	26 Aug 2025 17:18	CG/JU	Ok
13	Q2924-06	BP025590.D	26 Aug 2025 17:59	CG/JU	Ok
14	Q2936-02	BP025591.D	26 Aug 2025 18:41	CG/JU	Dilution
15	Q2947-03	BP025592.D	26 Aug 2025 19:22	CG/JU	Ok,M
16	Q2892-02	BP025593.D	26 Aug 2025 20:03	CG/JU	Ok
17	Q2928-01	BP025594.D	26 Aug 2025 20:44	CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082725

Review By	Rahul	Review On	8/28/2025 8:32:26 AM				
Supervise By	Jagrut	Supervise On	8/28/2025 1:40:30 PM				
SubDirectory	BP082725	HP Acquire Method	BNA_P		HP Processing Method	bp081425	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025595.D	27 Aug 2025 08:58	CG/JU	Ok
2	SSTDCCC040	BP025596.D	27 Aug 2025 09:39	CG/JU	Ok
3	PB169370BL	BP025597.D	27 Aug 2025 10:20	CG/JU	Ok
4	PB169370BS	BP025598.D	27 Aug 2025 11:01	CG/JU	Ok
5	PB169382BL	BP025599.D	27 Aug 2025 11:42	CG/JU	Ok
6	PB169382BS	BP025600.D	27 Aug 2025 12:23	CG/JU	Ok
7	Q2924-02	BP025601.D	27 Aug 2025 13:37	CG/JU	Dilution
8	Q2924-03MS	BP025602.D	27 Aug 2025 14:18	CG/JU	Ok,M
9	Q2924-04MSD	BP025603.D	27 Aug 2025 15:00	CG/JU	Ok,M
10	Q2936-02DL	BP025604.D	27 Aug 2025 15:41	CG/JU	Dilution
11	Q2936-02DL2	BP025605.D	27 Aug 2025 16:22	CG/JU	Ok
12	Q2921-01	BP025606.D	27 Aug 2025 17:03	CG/JU	Ok
13	Q2924-02DL	BP025607.D	27 Aug 2025 17:44	CG/JU	Dilution
14	Q2924-02DL2	BP025608.D	27 Aug 2025 18:26	CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF082625

Review By	Rahul	Review On	8/27/2025 9:26:22 AM		
Supervise By	Jagrut	Supervise On	8/27/2025 11:41:31 AM		
SubDirectory	BF082625	HP Acquire Method	BNA_F	HP Processing Method	BF082625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13173,10ul/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	BF143584.D	26 Aug 2025 08:36		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143585.D	26 Aug 2025 09:11		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143586.D	26 Aug 2025 09:39	Compound#23 removed from 5 ppm	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF143587.D	26 Aug 2025 10:08		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF143588.D	26 Aug 2025 10:37	Benzidine failed in the Calibration.	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF143589.D	26 Aug 2025 11:06	Compound#48,51,53,56,57,62,80,84 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF143590.D	26 Aug 2025 11:35	Compound#26,32,54,65,85 Kept on QR	RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF143591.D	26 Aug 2025 12:03		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF143592.D	26 Aug 2025 12:32	Compound#09 removed from 80 ppm	RC/JU	Ok,M
10	SSTDICV040	ICVBF082625	BF143593.D	26 Aug 2025 15:40	Benzidine failed in the Calibration.	RC/JU	Ok,M
11	PB169355TB	PB169355TB	BF143594.D	26 Aug 2025 16:09		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF082725

Review By	Rahul	Review On	8/28/2025 8:29:45 AM		
Supervise By	Jagrut	Supervise On	8/28/2025 1:41:00 PM		
SubDirectory	BF082725	HP Acquire Method	BNA_F	HP Processing Method	BF082625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13173,10ul/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	BF143595.D	27 Aug 2025 08:48		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143596.D	27 Aug 2025 09:16		RC/JU	Ok
3	PB169400BL	PB169400BL	BF143597.D	27 Aug 2025 09:45		RC/JU	Ok
4	PB169400BS	PB169400BS	BF143598.D	27 Aug 2025 10:15		RC/JU	Ok,M
5	PB169400BSD	PB169400BSD	BF143599.D	27 Aug 2025 10:44		RC/JU	Ok,M
6	Q2954-11	BRIDGE	BF143600.D	27 Aug 2025 11:24		RC/JU	Ok
7	Q2924-11	FB-01-082025	BF143601.D	27 Aug 2025 11:53		RC/JU	Ok
8	Q2936-03	MW-19C-082125	BF143602.D	27 Aug 2025 12:22		RC/JU	Ok
9	Q2924-07	MW-18C-082025	BF143603.D	27 Aug 2025 12:52		RC/JU	Ok
10	Q2936-01	MW-19A-082125	BF143604.D	27 Aug 2025 13:21		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

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

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

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

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

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

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

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

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082225

Review By	rahul	Review On	8/25/2025 10:24:30 AM		
Supervise By	Jagrut	Supervise On	8/25/2025 7:04:22 PM		
SubDirectory	BP082225	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	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	BP025543.D	22 Aug 2025 10:08		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025544.D	22 Aug 2025 10:49		CG/JU	Ok,M
3	PB169346BL	PB169346BL	BP025545.D	22 Aug 2025 12:06		CG/JU	Ok
4	PB169346BS	PB169346BS	BP025546.D	22 Aug 2025 12:47		CG/JU	Ok
5	Q2832-01	TG-S01	BP025547.D	22 Aug 2025 13:32		CG/JU	Ok,M
6	Q2832-03	TG-S02	BP025548.D	22 Aug 2025 14:13		CG/JU	Ok,M
7	Q2903-11	MW-18A-081925	BP025549.D	22 Aug 2025 14:54		CG/JU	Ok
8	Q2916-01	EO-03-08202025	BP025550.D	22 Aug 2025 15:35		CG/JU	Ok
9	Q2936-04	FB-02-082125	BP025551.D	22 Aug 2025 16:17		CG/JU	Ok
10	Q2924-10	MW-8A-082025	BP025552.D	22 Aug 2025 16:58		CG/JU	Ok
11	Q2934-01	ENV-SW01	BP025553.D	22 Aug 2025 17:39		CG/JU	Ok
12	Q2934-02	ENV-SW02	BP025554.D	22 Aug 2025 18:20		CG/JU	Ok
13	Q2934-03	ENV-SW03	BP025555.D	22 Aug 2025 19:02		CG/JU	Ok
14	Q2934-04	ENV-SW04	BP025556.D	22 Aug 2025 19:43		CG/JU	Ok
15	Q2917-01	OR-02-082025	BP025557.D	22 Aug 2025 20:24		CG/JU	Ok,M
16	Q2919-01	OK-02-08202025	BP025558.D	22 Aug 2025 21:05		CG/JU	Ok,M
17	Q2909-01	4065	BP025559.D	22 Aug 2025 21:46		CG/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082525

Review By	Rahul	Review On	8/26/2025 10:26:59 AM		
Supervise By	Jagrut	Supervise On	8/26/2025 12:54:30 PM		
SubDirectory	BP082525	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/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	BP025560.D	25 Aug 2025 10:24		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025561.D	25 Aug 2025 12:13		CG/JU	Ok
3	PB169362BL	PB169362BL	BP025562.D	25 Aug 2025 12:54		CG/JU	Ok
4	SP6865	SP6865	BP025563.D	25 Aug 2025 13:36		CG/JU	Ok
5	Q2933-04	29-SEPTIC	BP025564.D	25 Aug 2025 14:21		CG/JU	Ok
6	Q2933-04MS	29-SEPTICMS	BP025565.D	25 Aug 2025 15:02		CG/JU	Ok
7	Q2933-04MSD	29-SEPTICMSD	BP025566.D	25 Aug 2025 15:43		CG/JU	Ok
8	Q2932-05	ARS20-0002-CONCRE	BP025567.D	25 Aug 2025 16:25		CG/JU	Ok
9	Q2933-02	25-SEPTIC	BP025568.D	25 Aug 2025 17:06		CG/JU	Ok
10	Q2909-02	4065	BP025569.D	25 Aug 2025 17:48	Internal Standard Fail	CG/JU	Ok,M
11	Q2909-02MS	4065MS	BP025570.D	25 Aug 2025 18:29	Internal Standard Fail	CG/JU	Ok,M
12	Q2909-02MSD	4065MSD	BP025571.D	25 Aug 2025 19:11	Internal standard fail	CG/JU	Ok,M
13	Q2932-01	ARS20-0009	BP025572.D	25 Aug 2025 19:52		CG/JU	Ok
14	Q2949-01	367	BP025573.D	25 Aug 2025 20:33		CG/JU	Ok
15	Q2941-01	SOIL-COMP(1-2)	BP025574.D	25 Aug 2025 21:14		CG/JU	Ok,M
16	Q2947-01	291	BP025575.D	25 Aug 2025 21:55		CG/JU	Ok,M
17	Q2932-03	ARS20-0002-SOIL	BP025576.D	25 Aug 2025 22:37	Out of tune time	CG/JU	Not Ok
18	Q2947-03	235	BP025577.D	25 Aug 2025 23:18	Out of tune time	CG/JU	Not Ok

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082525

Review By	Rahul	Review On	8/26/2025 10:26:59 AM		
Supervise By	Jagrut	Supervise On	8/26/2025 12:54:30 PM		
SubDirectory	BP082525	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082625

Review By	Rahul	Review On	8/27/2025 9:27:24 AM		
Supervise By	Jagrut	Supervise On	8/27/2025 11:38:38 AM		
SubDirectory	BP082625	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/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	BP025578.D	26 Aug 2025 08:59		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025579.D	26 Aug 2025 10:21		CG/JU	Ok
3	PB169325TB	PB169325TB	BP025580.D	26 Aug 2025 11:02		CG/JU	Ok
4	PB169362BS	PB169362BS	BP025581.D	26 Aug 2025 11:44		CG/JU	Ok
5	Q2941-02	SOIL-COMP(1-2)	BP025582.D	26 Aug 2025 12:29		CG/JU	Ok
6	Q2924-05DL	MW-2B-082025DL	BP025583.D	26 Aug 2025 13:10	Need 2X further Dilution	CG/JU	Dilution
7	Q2932-03	ARS20-0002-SOIL	BP025584.D	26 Aug 2025 13:51	Internal Standard Fail	CG/JU	Ok,M
8	Q2926-01	TR-04-08212025	BP025585.D	26 Aug 2025 14:33		CG/JU	Ok
9	Q2924-05DL2	MW-2B-082025DL2	BP025586.D	26 Aug 2025 15:14		CG/JU	Ok
10	Q2940-01	COMP(1-6)	BP025587.D	26 Aug 2025 15:55		CG/JU	Ok
11	Q2924-08	MW-16A-082025	BP025588.D	26 Aug 2025 16:37		CG/JU	Ok
12	Q2924-09	MW-16C-082025	BP025589.D	26 Aug 2025 17:18		CG/JU	Ok
13	Q2924-06	MW-2A-082025	BP025590.D	26 Aug 2025 17:59		CG/JU	Ok
14	Q2936-02	MW-19B-082125	BP025591.D	26 Aug 2025 18:41	Need 20X Dilution, Then decide further dilution.	CG/JU	Dilution
15	Q2947-03	235	BP025592.D	26 Aug 2025 19:22		CG/JU	Ok,M
16	Q2892-02	1-FLOOR-NORTH-EAS	BP025593.D	26 Aug 2025 20:03		CG/JU	Ok
17	Q2928-01	27-BELL	BP025594.D	26 Aug 2025 20:44		CG/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082725

Review By	Rahul	Review On	8/28/2025 8:32:26 AM		
Supervise By	Jagrut	Supervise On	8/28/2025 1:40:30 PM		
SubDirectory	BP082725	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/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	BP025595.D	27 Aug 2025 08:58		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025596.D	27 Aug 2025 09:39		CG/JU	Ok
3	PB169370BL	PB169370BL	BP025597.D	27 Aug 2025 10:20		CG/JU	Ok
4	PB169370BS	PB169370BS	BP025598.D	27 Aug 2025 11:01		CG/JU	Ok
5	PB169382BL	PB169382BL	BP025599.D	27 Aug 2025 11:42		CG/JU	Ok
6	PB169382BS	PB169382BS	BP025600.D	27 Aug 2025 12:23		CG/JU	Ok
7	Q2924-02	MW-201-082025	BP025601.D	27 Aug 2025 13:37	Need 20X dilution then decide further dilution	CG/JU	Dilution
8	Q2924-03MS	MW-201-082025MS	BP025602.D	27 Aug 2025 14:18		CG/JU	Ok,M
9	Q2924-04MSD	MW-201-082025MSD	BP025603.D	27 Aug 2025 15:00		CG/JU	Ok,M
10	Q2936-02DL	MW-19B-082125DL	BP025604.D	27 Aug 2025 15:41	Need further 5X dilution	CG/JU	Dilution
11	Q2936-02DL2	MW-19B-082125DL2	BP025605.D	27 Aug 2025 16:22		CG/JU	Ok
12	Q2921-01	MW1	BP025606.D	27 Aug 2025 17:03		CG/JU	Ok
13	Q2924-02DL	MW-201-082025DL	BP025607.D	27 Aug 2025 17:44	Need further 10X dilution	CG/JU	Dilution
14	Q2924-02DL2	MW-201-082025DL2	BP025608.D	27 Aug 2025 18:26		CG/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169362

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 08/22/2025

Extraction Start Time : 10:34

Extraction End Date : 08/22/2025

Extraction End Time : 15:45

Concentration By: EH

Supervisor By : RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	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	E3964
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
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.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/22/25	RS (Ext-Lab)	RC/SVOC
15:50	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169362

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 08/22/2025

Sample ID	Client Sample ID	Test	g /mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169362BL	SBLK362	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB169362BS	SLCS362	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
Q2921-01	MW1	SVOCMS Group1	950	6	RUPESH	ritesh	1	C		3
Q2924-01	MW-10C-082025	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		4
Q2924-02	MW-201-082025	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	C		5
Q2924-03	Q2924-02MS	SVOC-TCL BNA -20	970	6	RUPESH	ritesh	1	C		6
Q2924-04	Q2924-02MSD	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	C		7
Q2924-05	MW-2B-082025	SVOC-TCL BNA -20	960	6	RUPESH	ritesh	1	C		8
Q2924-06	MW-2A-082025	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		9
Q2924-07	MW-18C-082025	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	C		10
Q2924-08	MW-16A-082025	SVOC-TCL BNA -20	910	6	RUPESH	ritesh	1	C		11
Q2924-09	MW-16C-082025	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	C		12
Q2924-10	MW-8A-082025	SVOC-TCL BNA -20	930	6	RUPESH	ritesh	1	C		13
Q2924-11	FB-01-082025	SVOC-TCL BNA -20	960	6	RUPESH	ritesh	1	C		14
Q2934-01	ENV-SW01	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	F		15
Q2934-02	ENV-SW02	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	F		16
Q2934-03	ENV-SW03	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	F		SEP-1
Q2934-04	ENV-SW04	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	F		2
Q2936-01	MW-19A-082125	SVOC-TCL BNA -20	850	6	RUPESH	ritesh	1	C		3
Q2936-02	MW-19B-082125	SVOC-TCL BNA -20	900	6	RUPESH	ritesh	1	C		4
Q2936-03	MW-19C-082125	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	C		5
Q2936-04	FB-02-082125	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	C		6

RS 8/22

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

169362
10:34

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2924 **WorkList ID :** 191429 **Department :** Extraction **Date :** 08-22-2025 10:22:28

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2921-01	MW1	Water	SVOCMS Group1	Cool 4 deg C	GENV01	D11	08/20/2025	8270E
Q2924-01	MW-10C-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-02	MW-201-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-03	Q2924-02MS	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-04	Q2924-02MSD	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-05	MW-2B-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-06	MW-2A-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-07	MW-18C-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-08	MW-16A-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-09	MW-16C-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-10	MW-8A-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-11	FB-01-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2934-01	ENV-SW01	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	D41	08/21/2025	8270E
Q2934-02	ENV-SW02	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	D41	08/21/2025	8270E
Q2934-03	ENV-SW03	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	D41	08/21/2025	8270E
Q2934-04	ENV-SW04	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	D41	08/21/2025	8270E
Q2936-01	MW-19A-082125	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	08/21/2025	8270E
Q2936-02	MW-19B-082125	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	08/21/2025	8270E
Q2936-03	MW-19C-082125	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	08/21/2025	8270E
Q2936-04	FB-02-082125	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	08/21/2025	8270E

Date/Time 8/22/25 10:30
Raw Sample Received by: RS (EXT (acb)
Raw Sample Relinquished by:

Date/Time 8/22/25 11:15
Raw Sample Received by:
Raw Sample Relinquished by: RS (EXT-(acb)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q2936
COC Number 2045007

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: AECOM
ADDRESS: 250 Apollo Dr
CITY Chelmsford STATE MA ZIP: 01824
ATTENTION: Peter S. COX, P.G.
PHONE 1-978-905-2100 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Equity
PROJECT NO.: LOCATION: Brooklyn NY
PROJECT MANAGER: Peter S. Cox, P.G.
e-mail: Pete.Cox@aecom.com
PHONE: 1-978-905-2100 FAX:

CLIENT BILLING INFORMATION

BILL TO: AECOM PO#: TBD
ADDRESS: 250 Apollo Dr
CITY Chelmsford STATE: MA ZIP: 01824
ATTENTION: Pete Cox PHONE 1-978-905-2100

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☑ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☑ NYS ASP A
- ☐ NYS ASP B
- ☑ Other: EQUIS
- ☐ EDD FORMAT

ANALYSIS

1 @ 270E-SVOC
2 @ 260D-VOC
3. 4 5 6 7 8 9

PRESERVATIVES

E A

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	1	2	3	4	5	6	7	8	9
1.	MW-19A-082125	W		X	8/21/25	0825	3	X	X							
2.	MW-19B-082125	W		X	8/21/25	0914	3	X	X							
3.	MW-19C-082125	W		X	8/21/25	1045	3	X	X							
4.	FB-02-082125	W		X	8/21/25	1130	3	X	X							
5.	TB	W		X	8/15/25	0000	2		X							
6.																
7.																
8.																
9.																
10.																

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/21/25 1500	1.
2.		2.
3.	8-21-2025 1730	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 3.8c °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 : Q2936 AECO02
Client Name : AECOM
Client Contact : Peter S
Invoice Name : AECOM
Invoice Contact : Peter S

Order Date : 8/21/2025 3:57:00 PM
Project Name : National Grid Equity - Broc
Receive DateTime : 8/21/2025 12:00:00 AM 5:30 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP A
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
Q2936-01	MW-19A-082125	Water	08/21/2025	08:25					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2936-02	MW-19B-082125	Water	08/21/2025	09:14					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2936-03	MW-19C-082125	Water	08/21/2025	10:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2936-04	FB-02-082125	Water	08/21/2025	11:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2936-05	TB	Water	08/21/2025	09:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days

15 A 8 AA

Stored in VOA Ref # 05

Relinguished By : CL
Date / Time : 8/22/25 8:45

Received By : [signature] adock
Date / Time : 8/22/25 10:30

Storage Area : VOA Refridgerator Room