LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025510.D
Acq On : 20 Aug 2025 16:15
Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-02-081525

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: BP025510.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	13	17	29	rVB	266055	373243	9.94%	0.811%
2	4.943	335	341	349	rVB2	49187	67660	1.80%	0.147%
3	5.402	412	419	429	rBV	481978	714169	19.02%	1.552%
4	6.961	677	684	698	rBV	418735	723748	19.27%	1.572%
5	7.784	817	824	832	rBV	612367	977595	26.03%	2.124%
6	8.919	1005	1017	1025	rBV	278768	484510	12.90%	1.053%
7	10.555	1286	1295	1307	rBV	727522	1331597	35.46%	2.893%
8	12.213	1569	1577	1583	rVB	20209	39821	1.06%	0.087%
9	13.013	1705	1713	1721	rBV	694628	1125389	29.97%	2.445%
10	13.219	1744	1748	1754	rVB3	26696	39854	1.06%	0.087%
11	13.560	1799	1806	1814	rBV4	28547	78793	2.10%	0.171%
12	13.719	1822	1833	1838	rBV2	56710	118878	3.17%	0.258%
13	13.766	1838	1841	1847	rVB	36576	57365	1.53%	0.125%
14	14.119	1896	1901	1906	rVB2	25363	43917	1.17%	0.095%
15	14.307	1928	1933	1937	rBV	52137	75049	2.00%	0.163%
16	14.396	1939	1948	1954	rVV	1124662	1673315	44.56%	3.636%
17	14.460	1954	1959	1966	rVB	230132	325110	8.66%	0.706%
18	14.601	1979	1983	1995	rVB3	25175	73396	1.95%	0.159%
19	14.713	1995	2002	2007	rBV2	45464	85453	2.28%	0.186%
20	14.801	2012	2017	2025	rVV	115927	192987	5.14%	0.419%
21	14.872	2025	2029	2035	rVV2	40854	62587	1.67%	0.136%
22	14.931	2037	2039	2047	rVB7	21683	39102	1.04%	0.085%
23	15.031	2049	2056	2060	rBV3	32989	66173	1.76%	0.144%
24	15.078	2060	2064	2068	rVB	35357	47632	1.27%	0.103%
25	15.201	2079	2085	2087	rBV3	23492	44146	1.18%	0.096%
26	15.266	2093	2096	2101	rVB	96050	120207	3.20%	0.261%
27	15.460	2123	2129	2133	rBV	189063	273189	7.28%	0.594%
28	15.548	2141	2144	2147	rBV3	45079	68432	1.82%	0.149%
29	15.584	2147	2150	2153	rVB2	51283	65883	1.75%	0.143%
30	15.625	2153	2157	2161	rVB2	52701	66142	1.76%	0.144%
31	15.684	2162	2167	2170	rBV4	57478	97173	2.59%	0.211%
32	15.766	2177	2181	2189	rVB2	106145	232338	6.19%	0.505%
33	15.837	2190	2193	2198	rBV6	24759	45826	1.22%	0.100%
34	15.907	2199	2205	2213	rVB2	600365	1019141	27.14%	2.214%
35	16.154	2242	2247	2249	rBV2	161481	206029	5.49%	0.448%
36	16.537	2309	2312	2317	rVB2	60182	69979	1.86%	0.152%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025510.D
Acq On : 20 Aug 2025 16:15
Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-02-081525

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	16.742	2341	2347	2349	rBV3	39659	84349	2.25%	0.183%
38	16.766	2349	2351	2355	rVB2	55404	63223	1.68%	0.137%
39	16.842	2360	2364	2372	rVB	126792	206019	5.49%	0.448%
40	16.942	2373	2381	2383	rVV2	179884	356158	9.48%	0.774%
41	16.966	2383	2385	2388	rVV	183964	208442	5.55%	0.453%
42	17.007	2388	2392	2405	rVB3	124256	312344	8.32%	0.679%
43	17.201	2419	2425	2428	rBV	1378607	1986954	52.92%	4.317%
44	17.237	2428	2431	2438	rVV	2080328	3020586	80.44%	6.563%
45	17.331	2442	2447	2453	rVB	436399	698013	18.59%	1.517%
46	17.613	2492	2495	2499	rVB	87296	110800	2.95%	0.241%
47	17.737	2512	2516	2521	rVB2	169463	230148	6.13%	0.500%
48	17.801	2524	2527	2531	rBV	76847	113043	3.01%	0.246%
49	17.907	2538	2545	2548	rBV6	122663	235295	6.27%	0.511%
50	18.107	2574	2579	2582	rBV	335774	482479	12.85%	1.048%
51	18.160	2582	2588	2594	rVV	503529	907811	24.18%	1.972%
52	18.242	2598	2602	2606	rVV	191760	302909	8.07%	0.658%
53	18.301	2607	2612	2616	rVV2	426370	817858	21.78%	1.777%
54	18.342	2616	2619	2627	rVB	234332	383310	10.21%	0.833%
55	18.454	2635	2638	2643	rVB2	122595	163421	4.35%	0.355%
56	18.519	2647	2649	2652	rVB3	42672	42953	1.14%	0.093%
57	18.625	2664	2667	2670	rBV	246190	289799	7.72%	0.630%
58	18.660	2670	2673	2683	rVB2	217094	337386	8.99%	0.733%
59	18.878	2707	2710	2714	rVB	84216	104131	2.77%	0.226%
60	18.931	2716	2719	2723	rBV2	105836	160583	4.28%	0.349%
61	19.001	2729	2731	2735	rBV4	90958	97924	2.61%	0.213%
62	19.060	2735	2741	2745	rBV2	222637	451392	12.02%	0.981%
63	19.113	2747	2750	2756	rVB3	175136	286114	7.62%	0.622%
64	19.195	2761	2764	2770	rBV	144385	201497	5.37%	0.438%
65	19.331	2781	2787	2794	rBV	2491727	3754991	100.00%	8.158%
66	19.472	2809	2811	2813	rBV3	90969	53373	1.42%	0.116%
67	19.701	2846	2850	2855	rVB	2045139	2878801	76.67%	6.255%
68	19.889	2880	2882	2884	rBV	227078	200472	5.34%	0.436%
69	19.925	2884	2888	2895	rVB	1323371	1683516	44.83%	3.658%
70	19.989	2897	2899	2901	rVB2	82006	48638	1.30%	0.106%
71	20.036	2903	2907	2915	rVB2	174184	471570	12.56%	1.025%
72	20.183	2929	2932	2934	rBV3	186157	245319	6.53%	0.533%
73	20.219	2934	2938	2943	rVB	457412	713735	19.01%	1.551%
74	20.278	2943	2948	2949	rBV4	135720	212899	5.67%	0.463%
75	20.319	2952	2955	2956	rBV	232201	203366	5.42%	0.442%
76	20.383	2963	2966	2972	rVB2	298866	462873	12.33%	1.006%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
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Acq On : 20 Aug 2025 16:15
Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-081525

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

77	20.536	2988	2992	2994	rBV	248350	295637	7.87%	0.642%
78	20.583	2996	3000	3001	rVV2	185333	222973	5.94%	0.484%
79	20.995	3068	3070	3082	rVB	377771	780107	20.78%	1.695%
80	21.248	3110	3113	3116	rVB	219696	227929	6.07%	0.495%
81	21.307	3119	3123	3128	rVV4	244562	502854	13.39%	1.093%
82	21.630	3172	3178	3179	rBV	1731873	2640852	70.33%	5.738%
83	21.689	3184	3188	3196	rVB	980225	1613645	42.97%	3.506%
84	22.413	3307	3311	3316	rVB	235312	406246	10.82%	0.883%
85	23.230	3448	3450	3453	rBV3	141270	194958	5.19%	0.424%
86	23.960	3567	3574	3575	rBV	528057	1002074	26.69%	2.177%
87	24.854	3720	3726	3735	rBV	573732	1406809	37.47%	3.057%
88	25.013	3746	3753	3761	rBV	846031	2021288	53.83%	4.392%

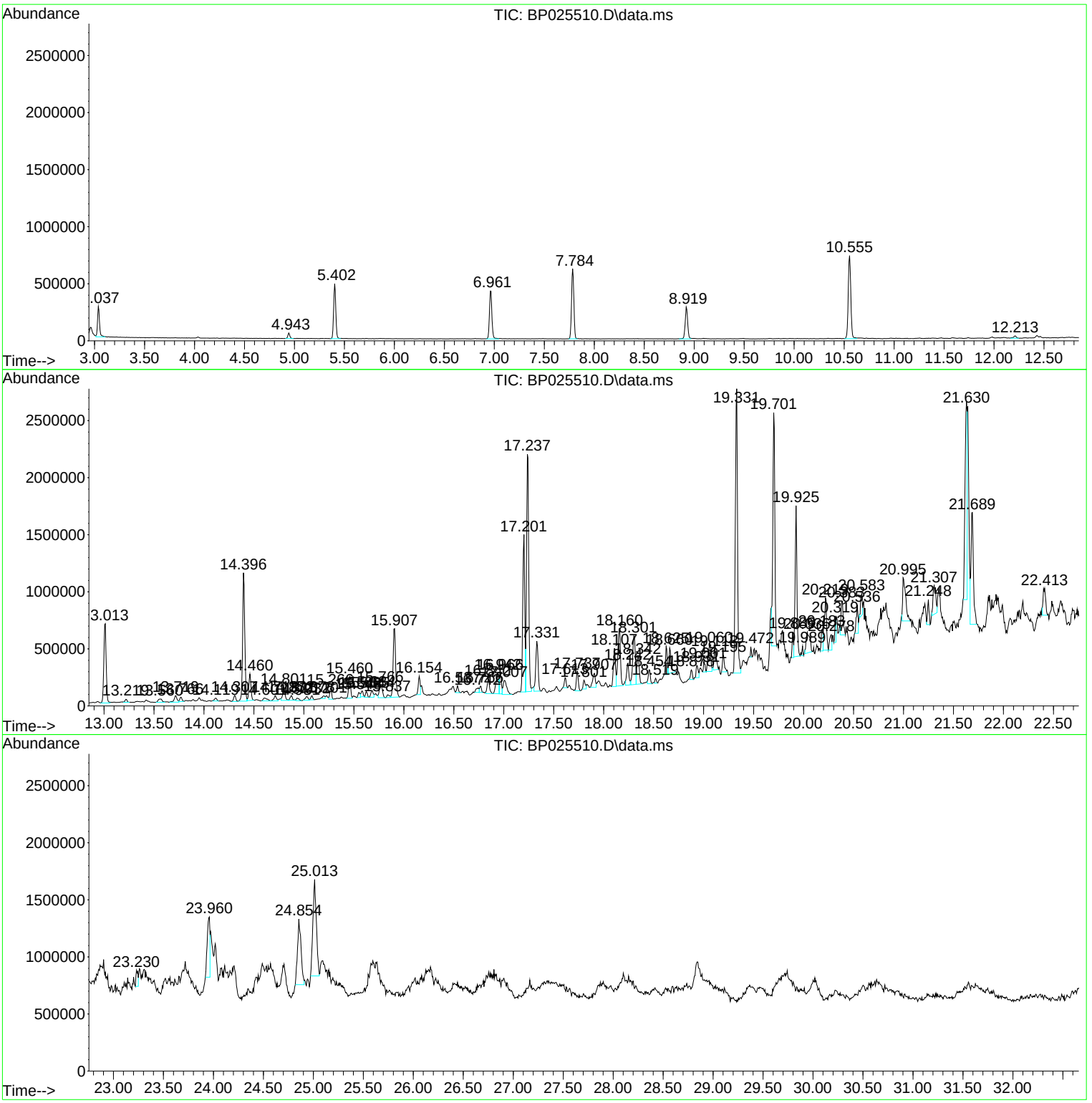
Sum of corrected areas: 46025694

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025510.D
Acq On : 20 Aug 2025 16:15
Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-081525

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\BP082025\
Data File : BP025510.D
Acq On : 20 Aug 2025 16:15
Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-081525

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

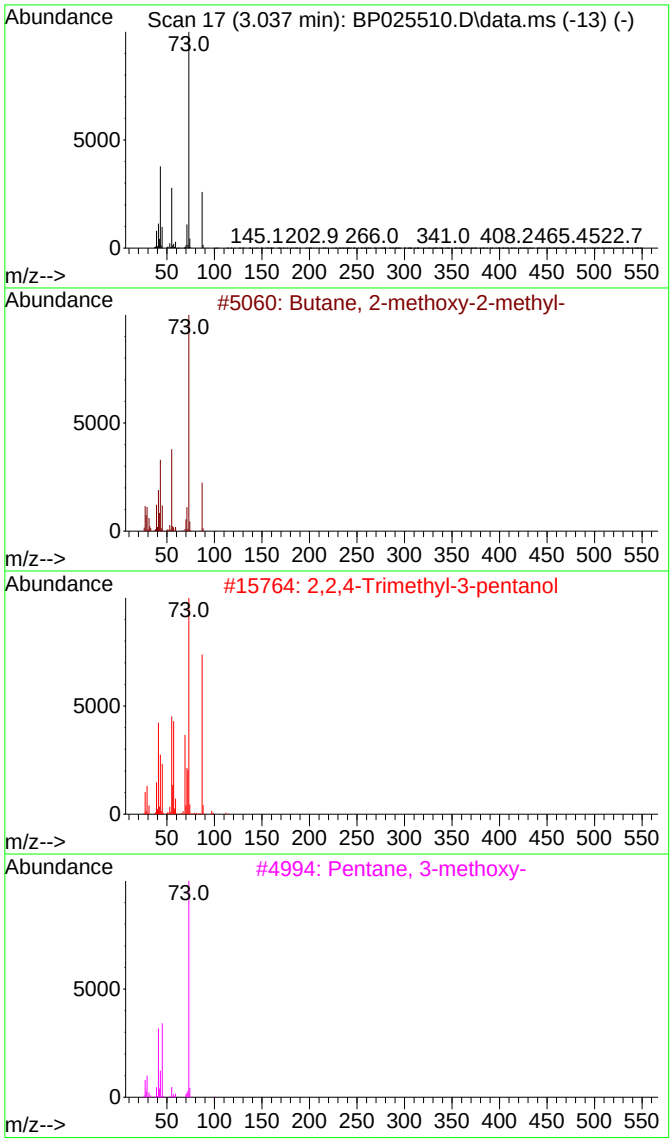
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

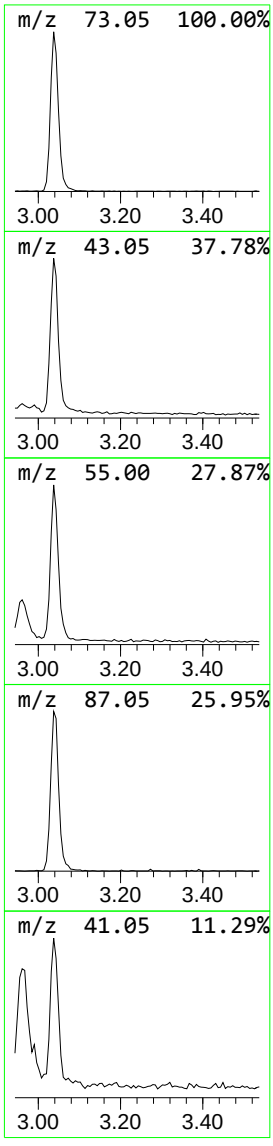
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	7.64 ng	373243	1,4-Dichlorobenzene-d4	7.784

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025510.D
Acq On : 20 Aug 2025 16:15
Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-081525

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

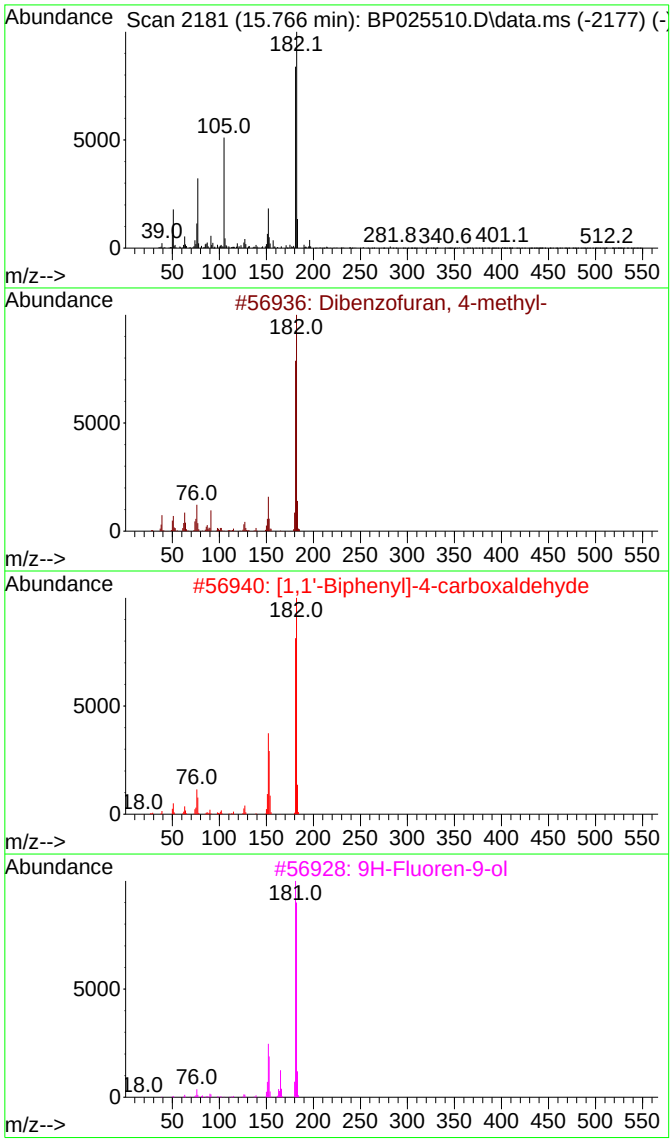
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

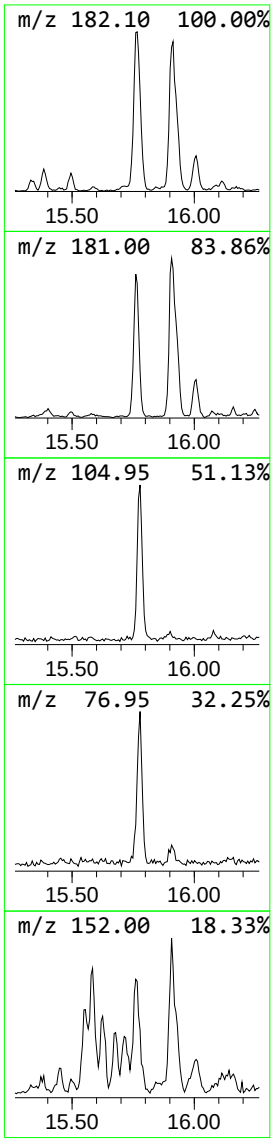
****

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.766	2.78 ng	232338	Acenaphthene-d10	14.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	64
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025510.D
Acq On : 20 Aug 2025 16:15
Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-081525

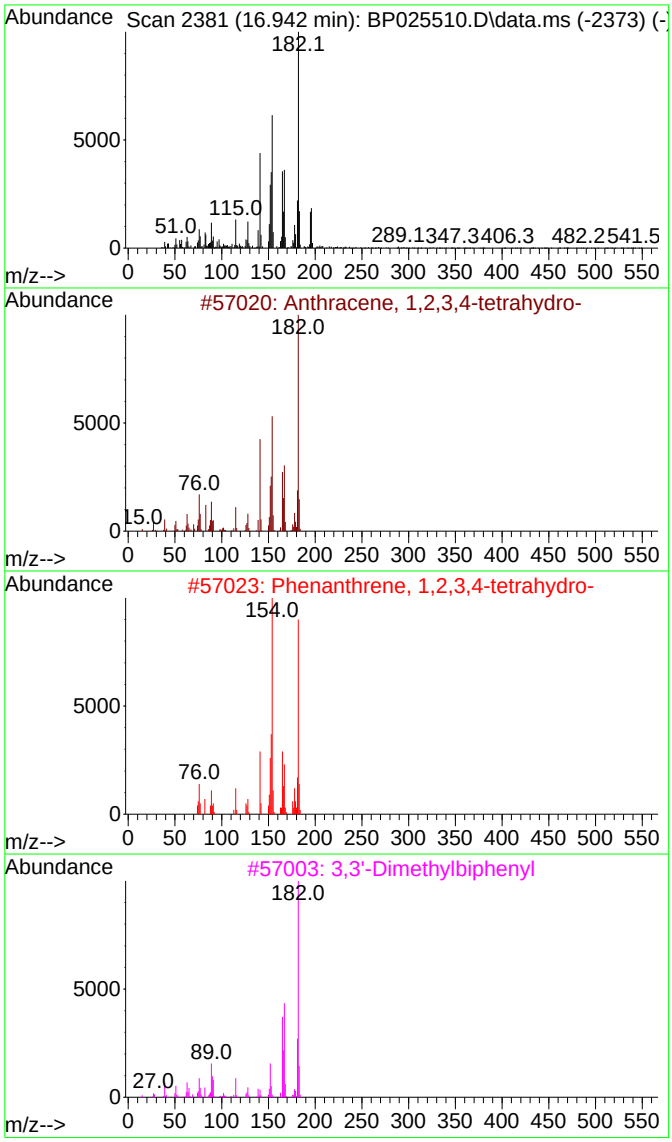
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

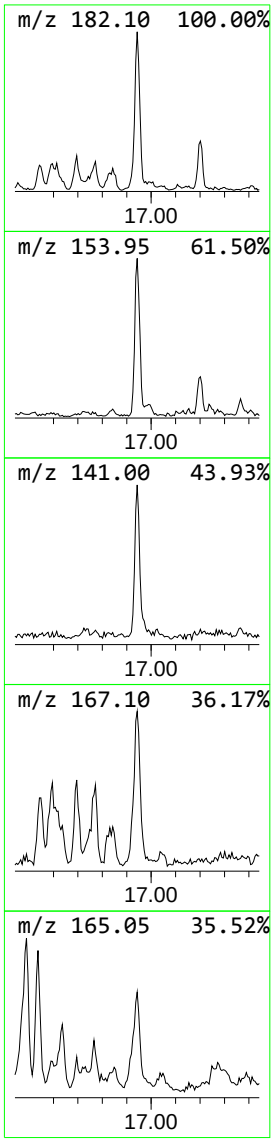
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.942	3.58 ng	356158	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	70
3	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	55
4	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	55
5	Bicyclo[3.2.1]octa-2,6-diene, 2-...	182	C14H14	101166-08-9	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025510.D
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Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-081525

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

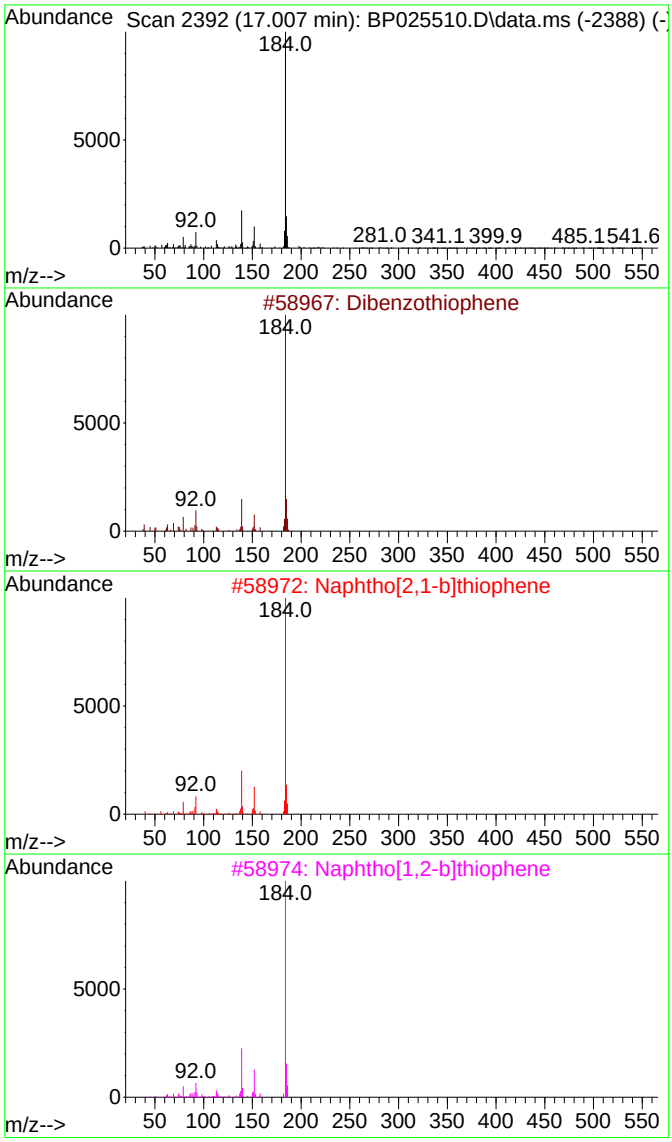
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

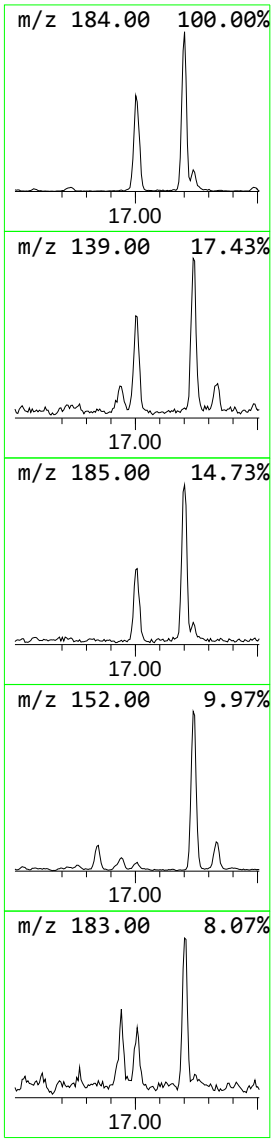
****

Peak Number 4 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.007	3.14 ng	312344	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025510.D
Acq On : 20 Aug 2025 16:15
Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-081525

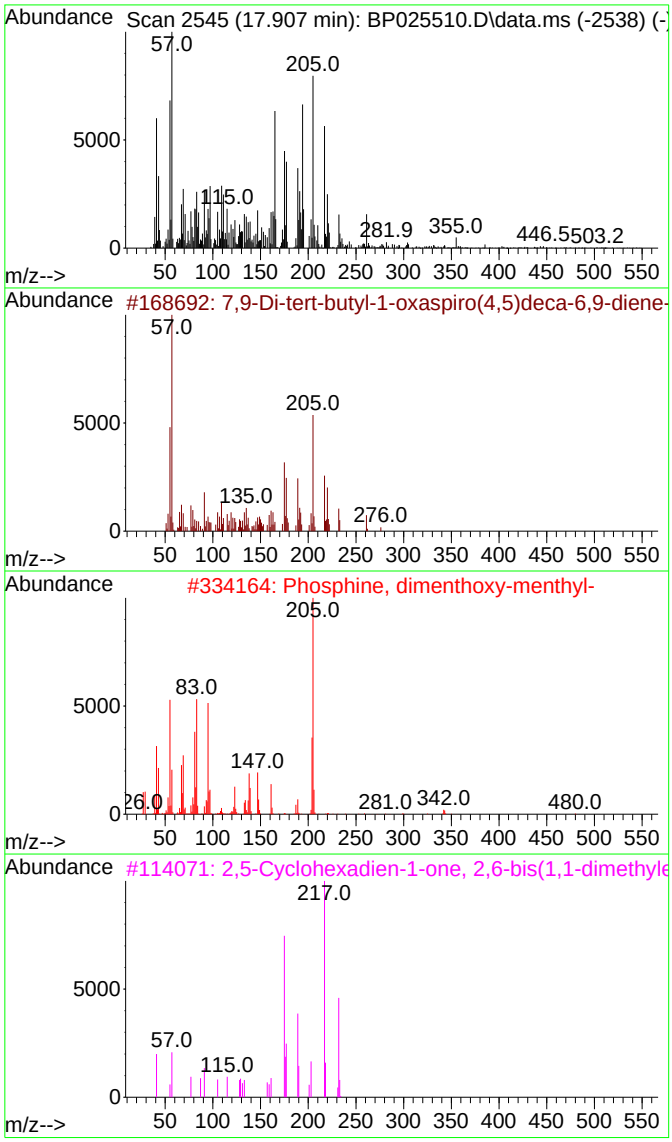
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

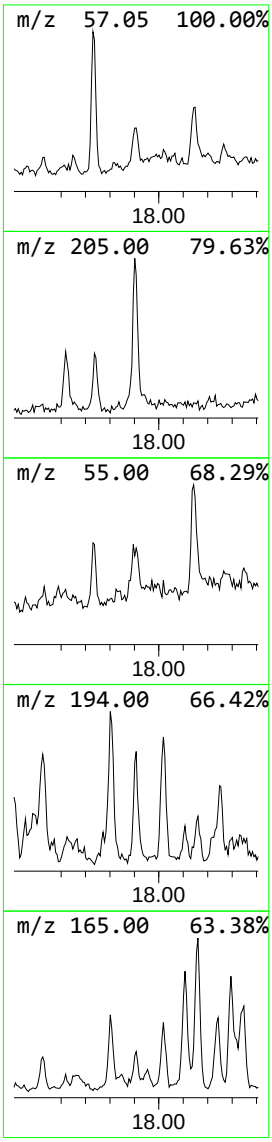
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.907	2.37 ng	235295	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	52
2	Phosphine, dimenthoxy-menthyl-	480	C30H57O2P	123973-40-0	25
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	25
4	Anthrone	194	C14H10O	000090-44-8	25
5	Benzonitrile, 4-(2-phenylethenyl...	205	C15H11N	013041-79-7	25





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Data File : BP025510.D
Acq On : 20 Aug 2025 16:15
Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-081525

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

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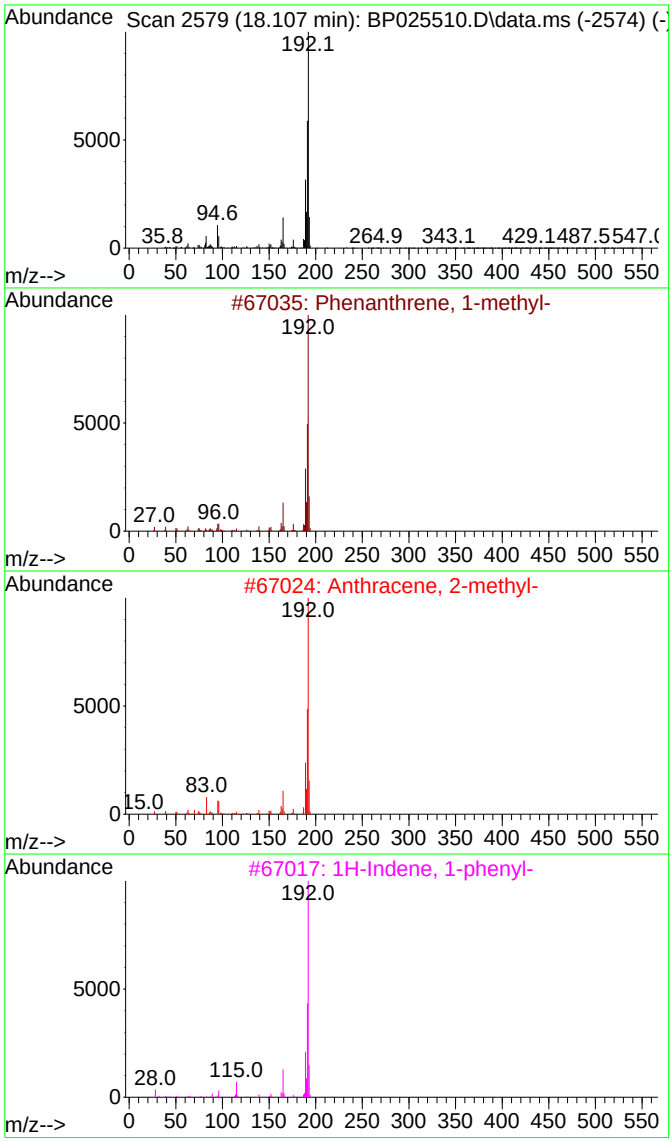
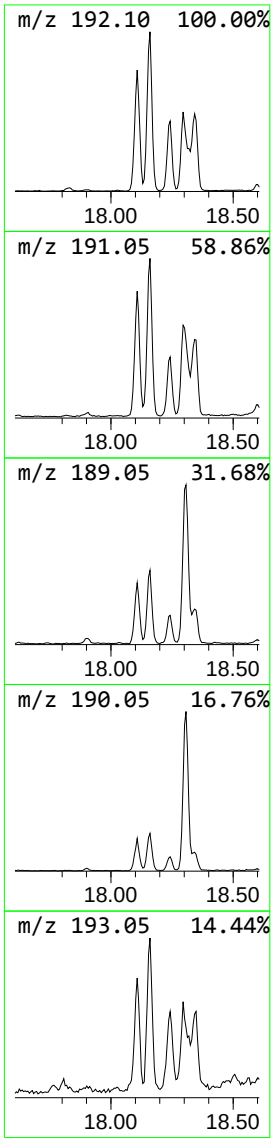
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.107	4.86 ng	482479	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Acq On : 20 Aug 2025 16:15
Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-081525

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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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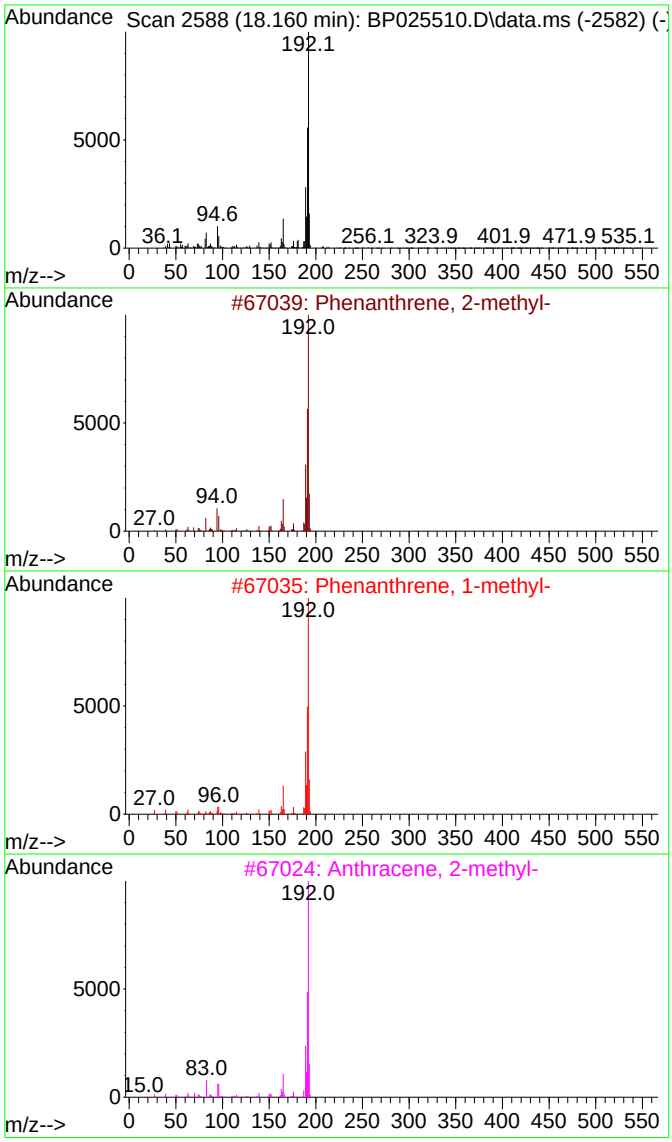
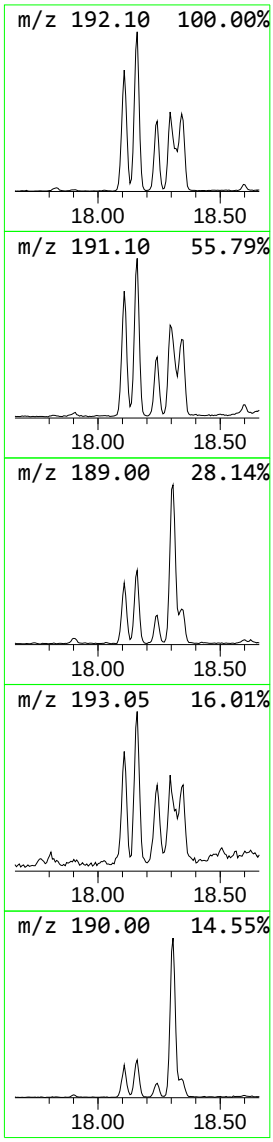
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.160	9.14 ng	907811	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-081525

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

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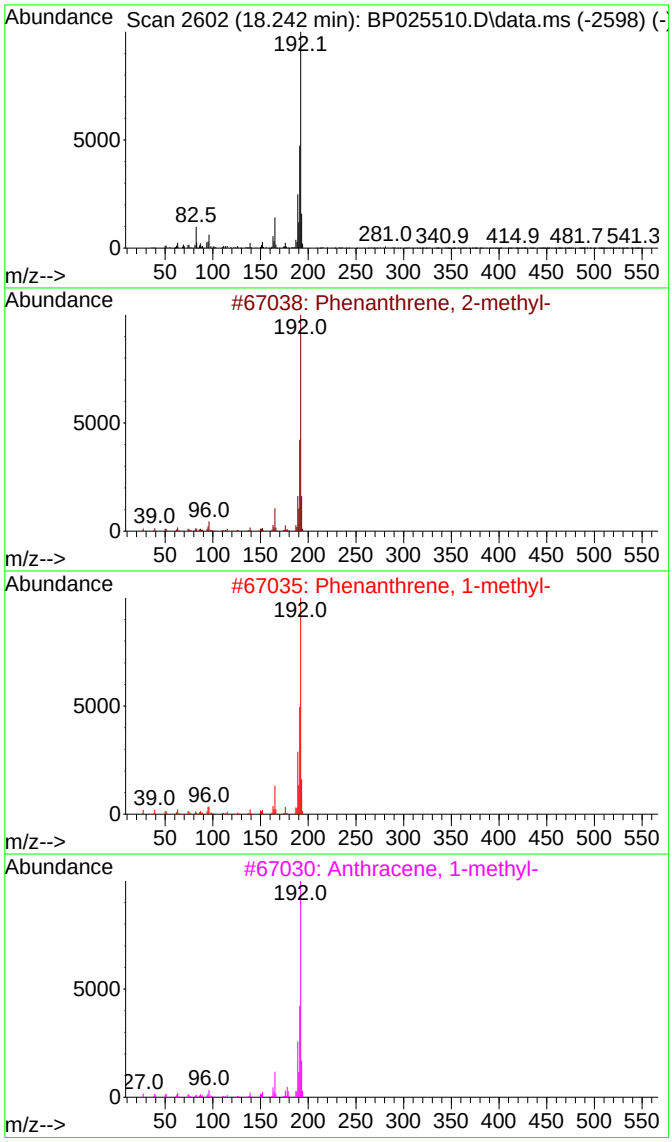
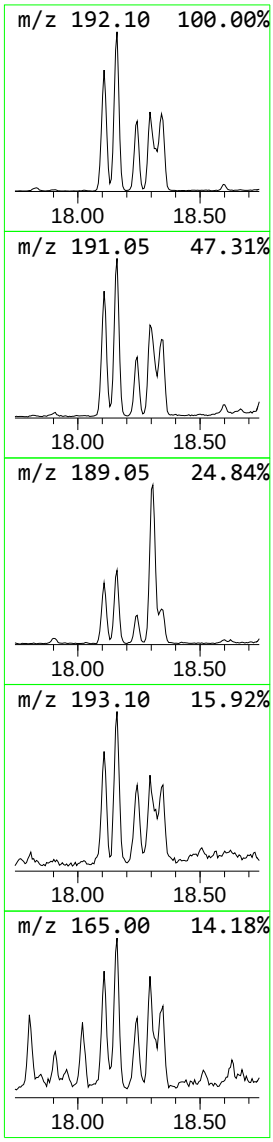
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.242	3.05 ng	302909	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-081525

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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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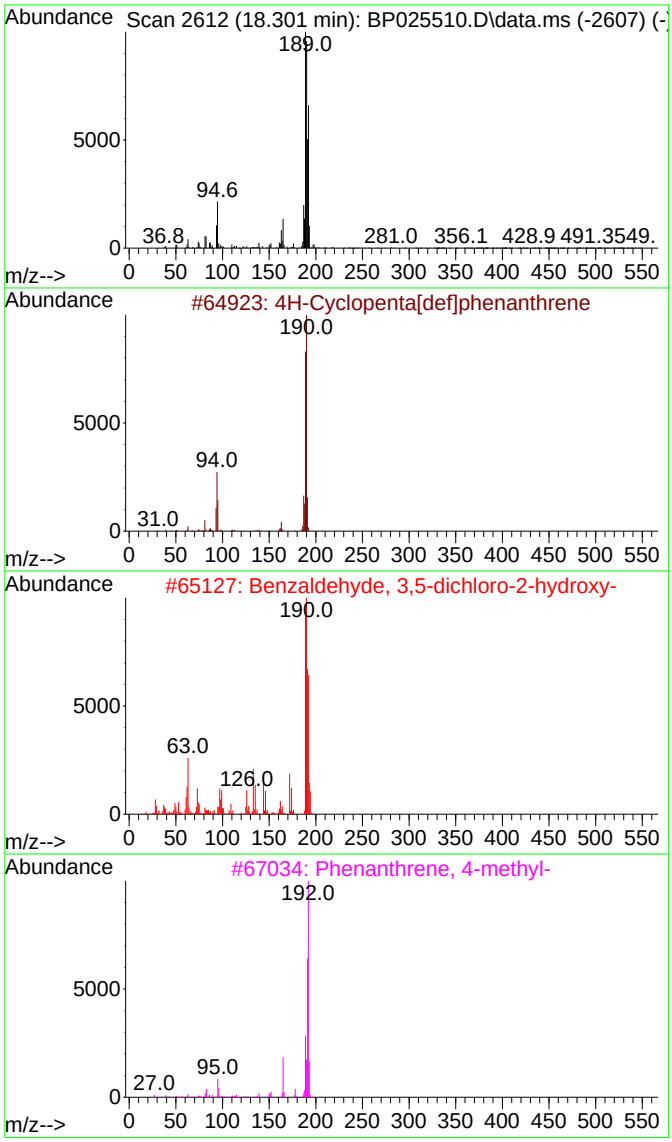
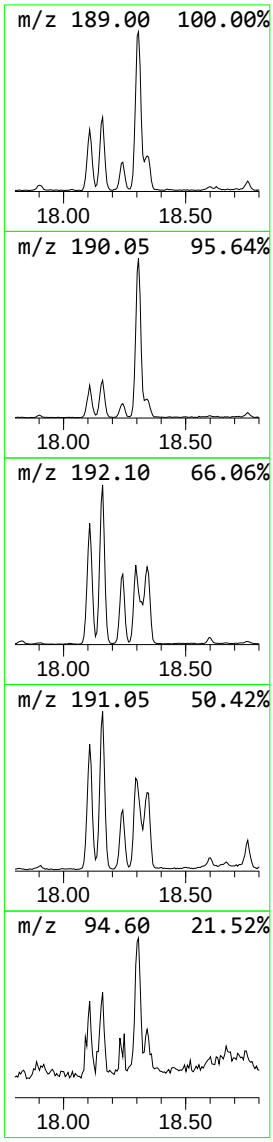
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.301	8.23 ng	817858	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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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

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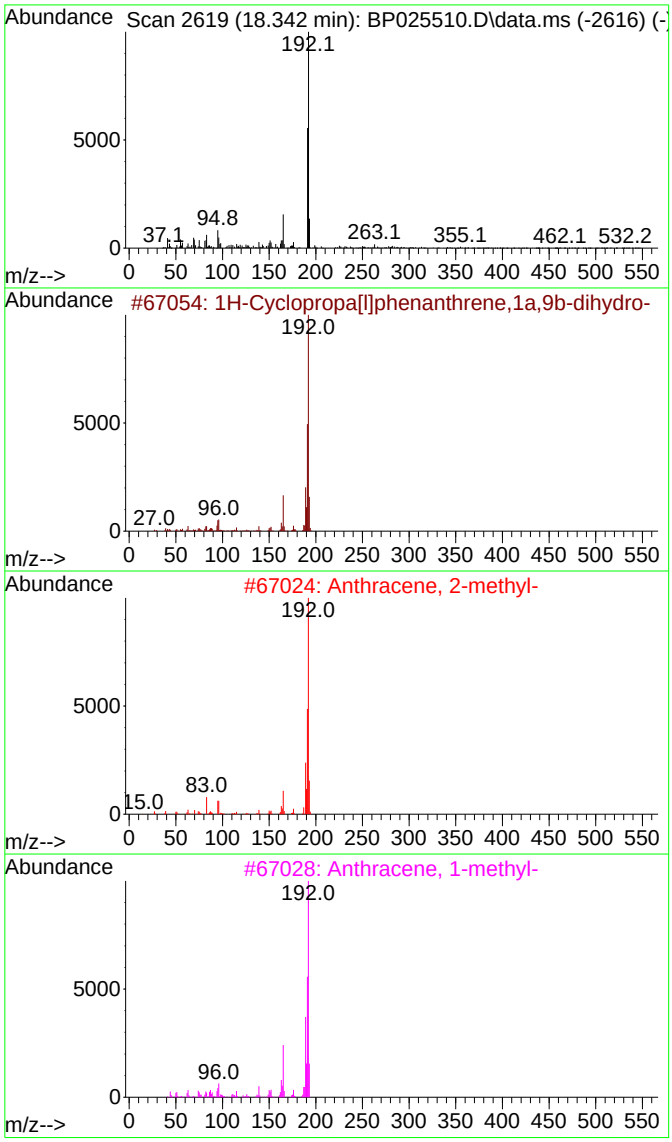
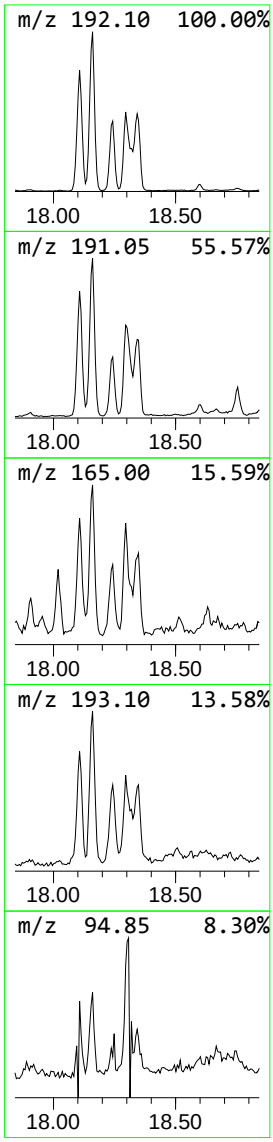
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.342	3.86 ng	383310	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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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

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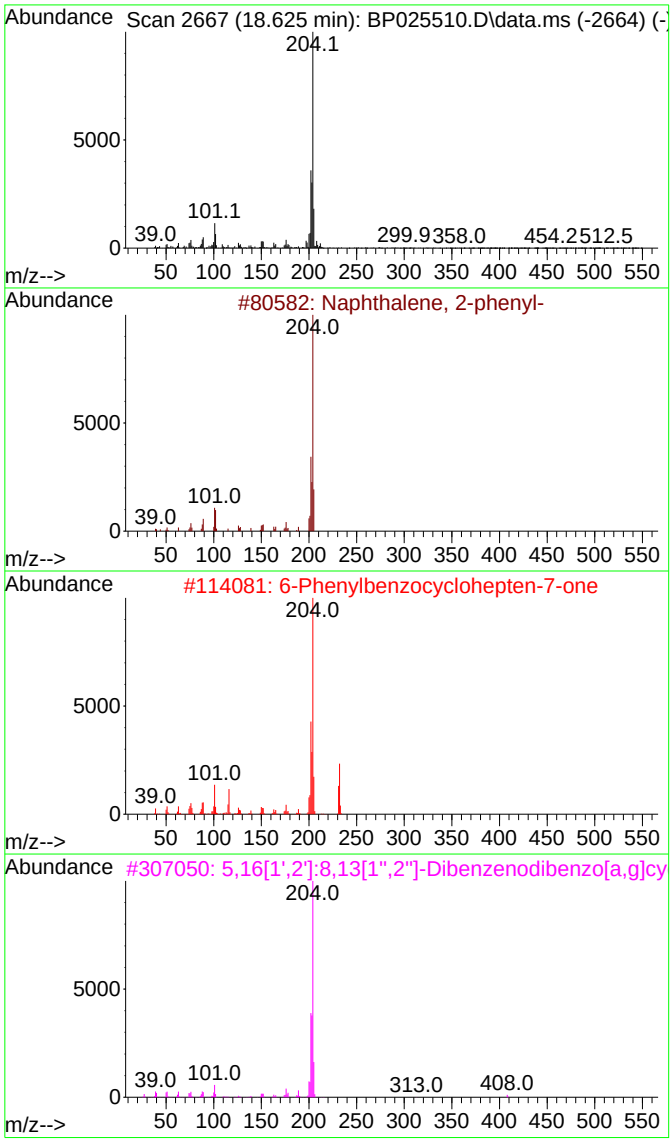
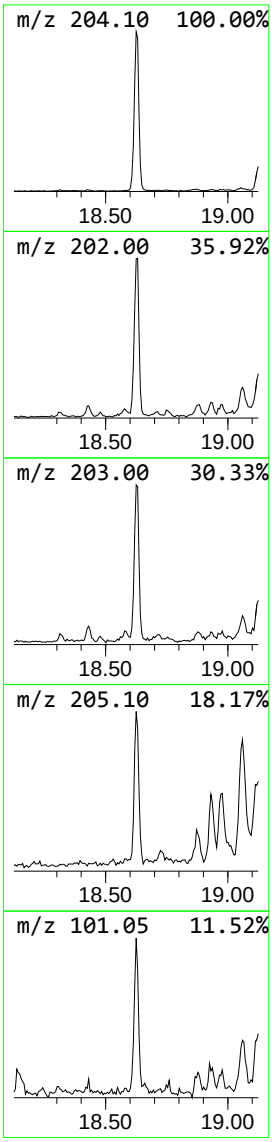
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.625	2.92 ng	289799	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60





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Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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
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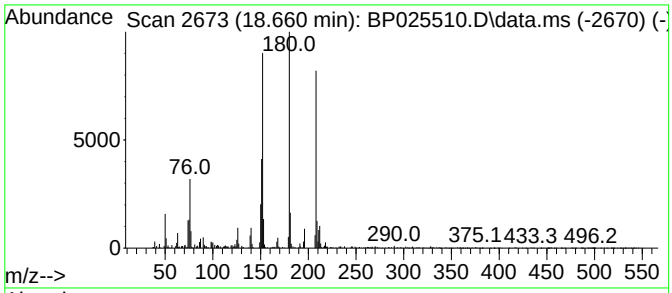
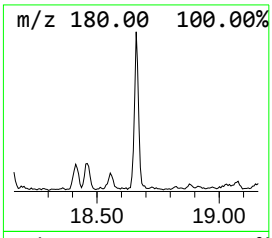
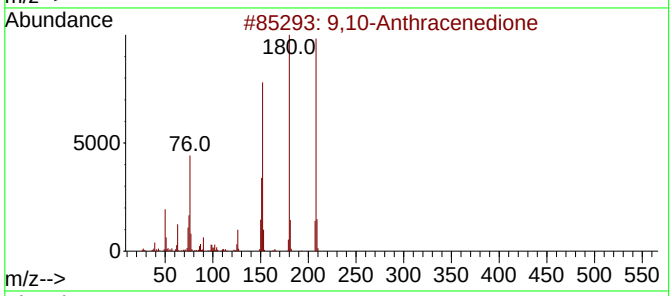
Peak Number 12 9,10-Anthracenedione Concentration Rank 13

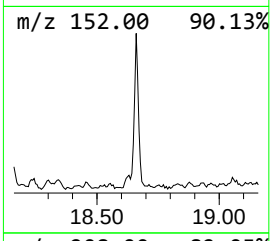
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.660	3.40 ng	337386	Phenanthrene-d10	17.201

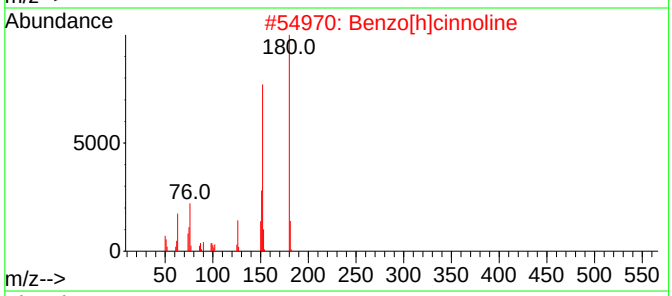
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	86
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70

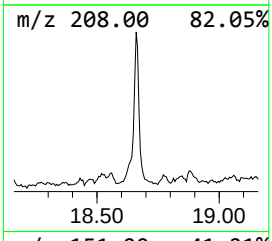


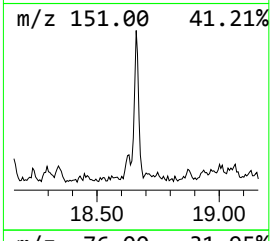


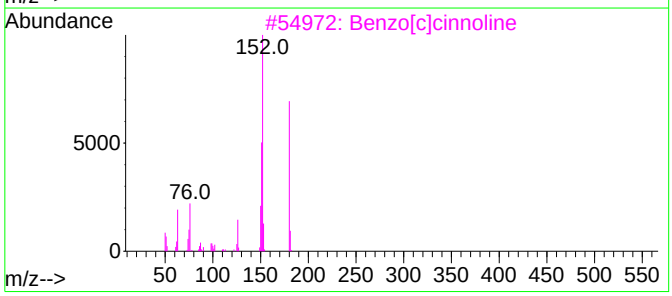


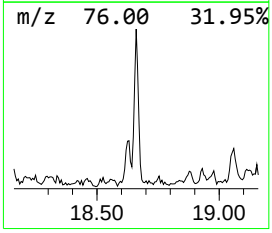












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Acq On : 20 Aug 2025 16:15
Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-081525

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

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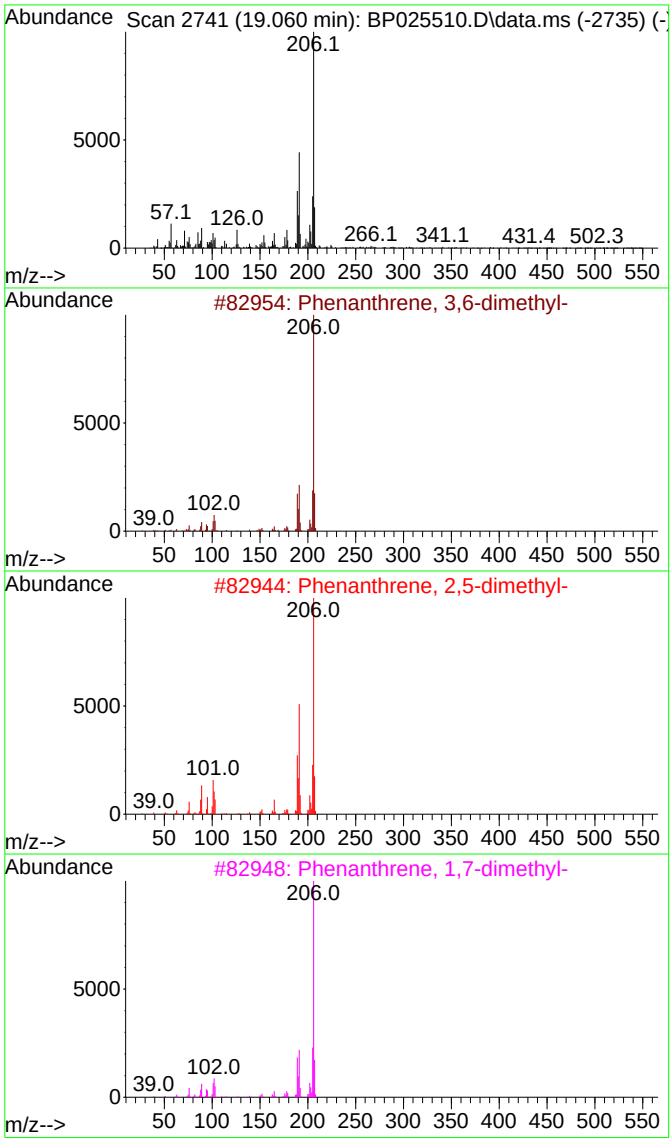
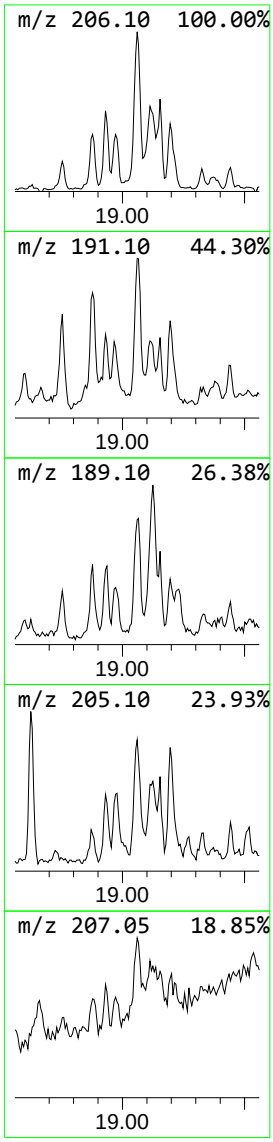
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.060	4.54 ng	451392	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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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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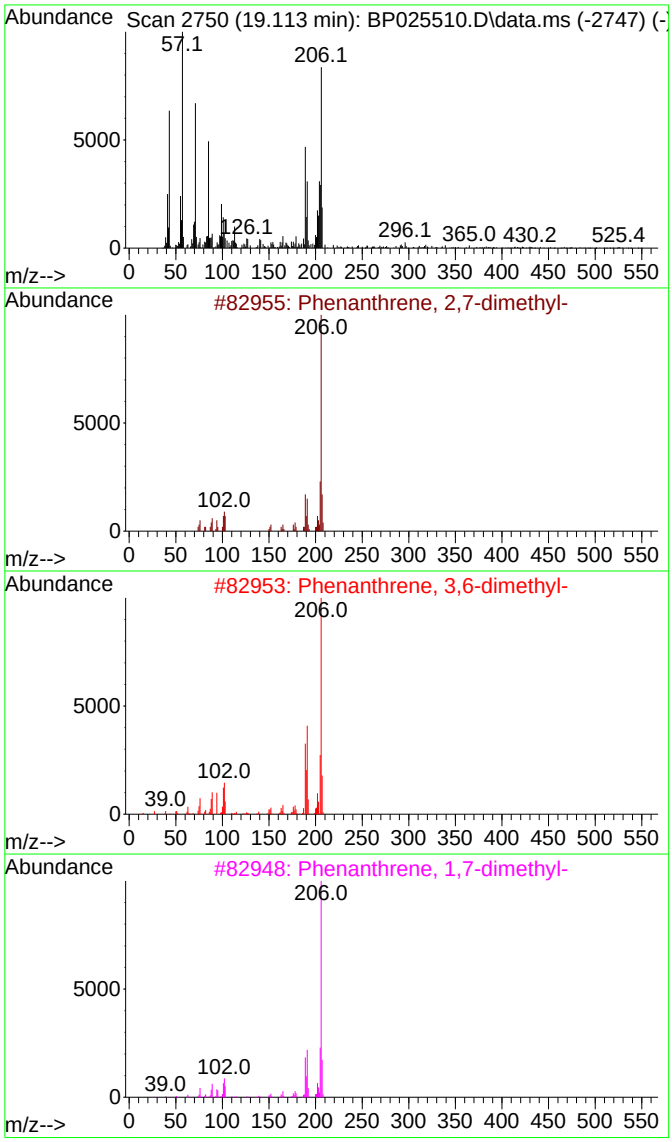
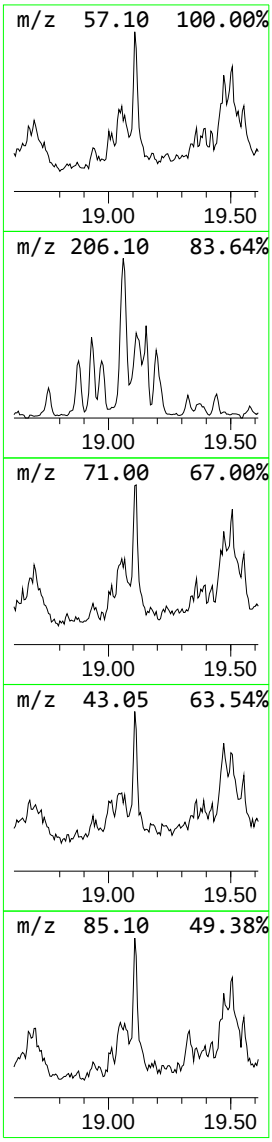
Peak Number 14 Phenanthrene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.113	2.88 ng	286114	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	43
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	42
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	42
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	41





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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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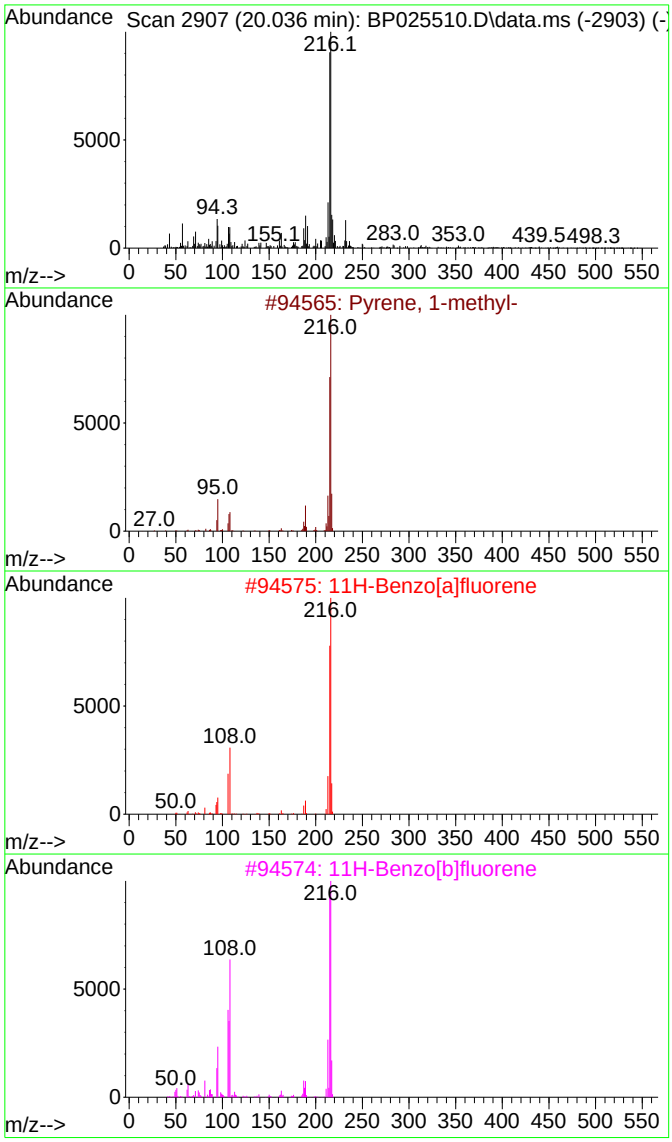
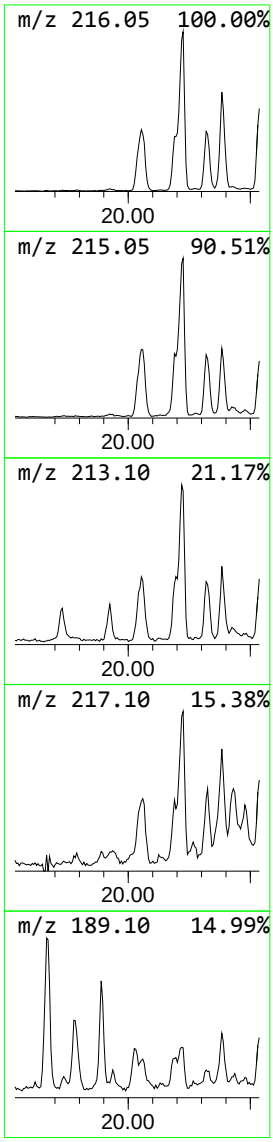
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.036	3.57 ng	471570	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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TIC Integration Parameters: LSCINT.P

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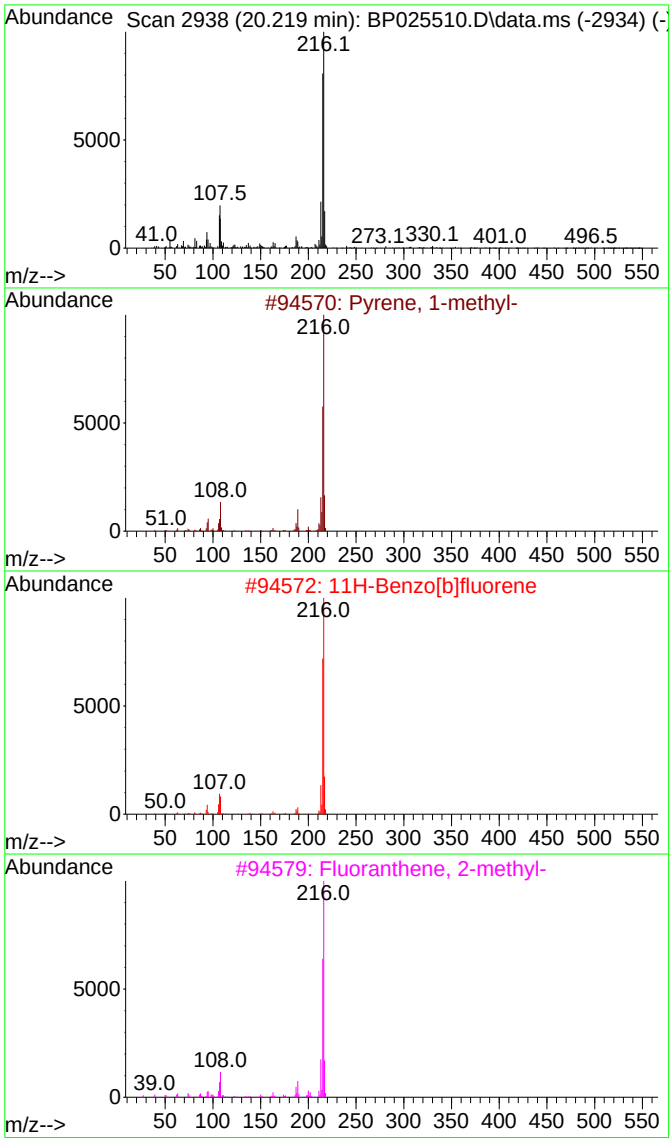
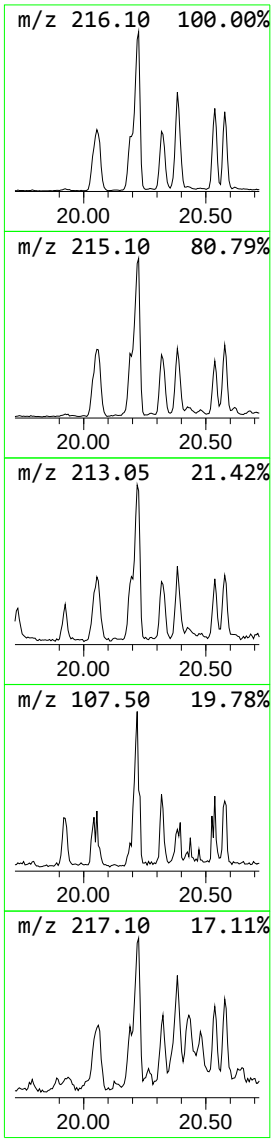
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.219	5.41 ng	713735	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7-(1-Piperidinylmethyl)-8-quinol...	314	C18H26N2OSi	1000476-73-7	64





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Data File : BP025510.D
Acq On : 20 Aug 2025 16:15
Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-081525

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

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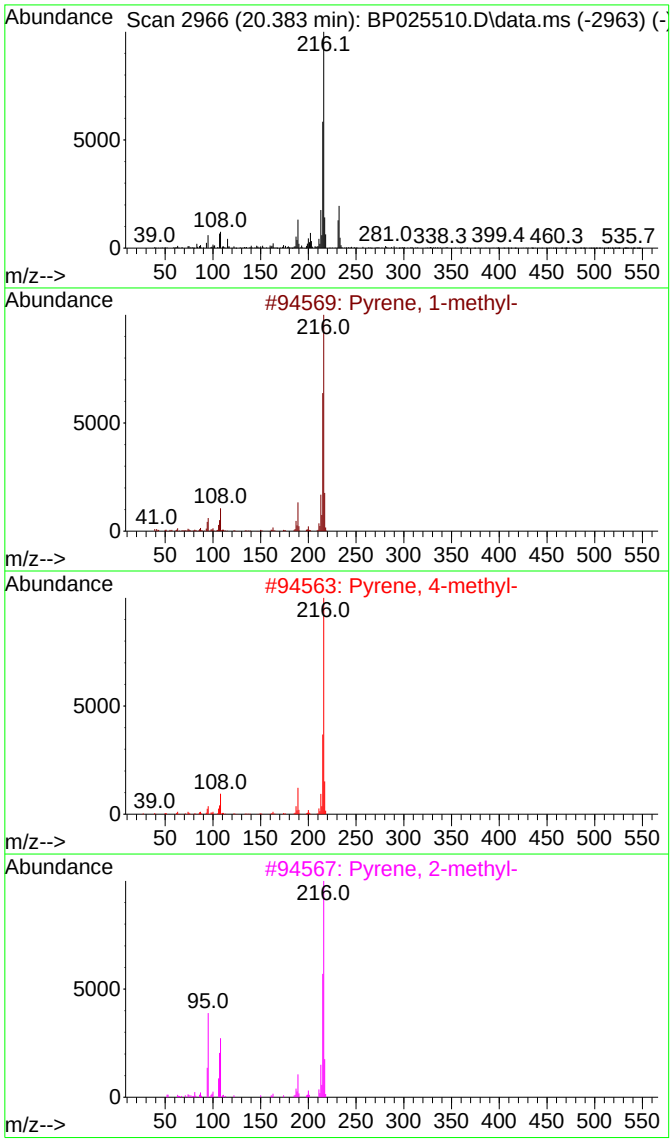
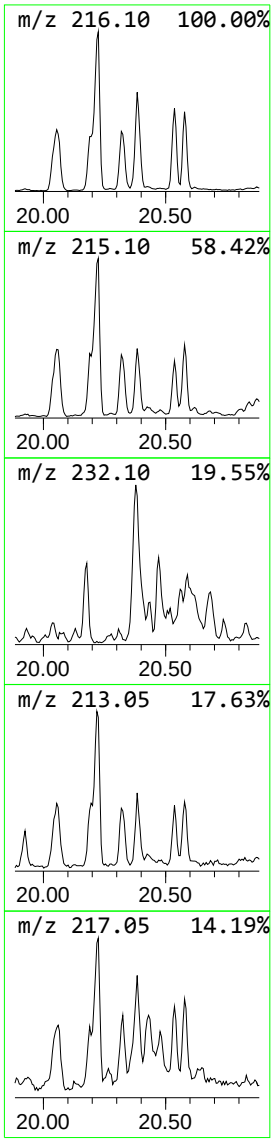
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.384	3.51 ng	462873	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Data File : BP025510.D
Acq On : 20 Aug 2025 16:15
Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-081525

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

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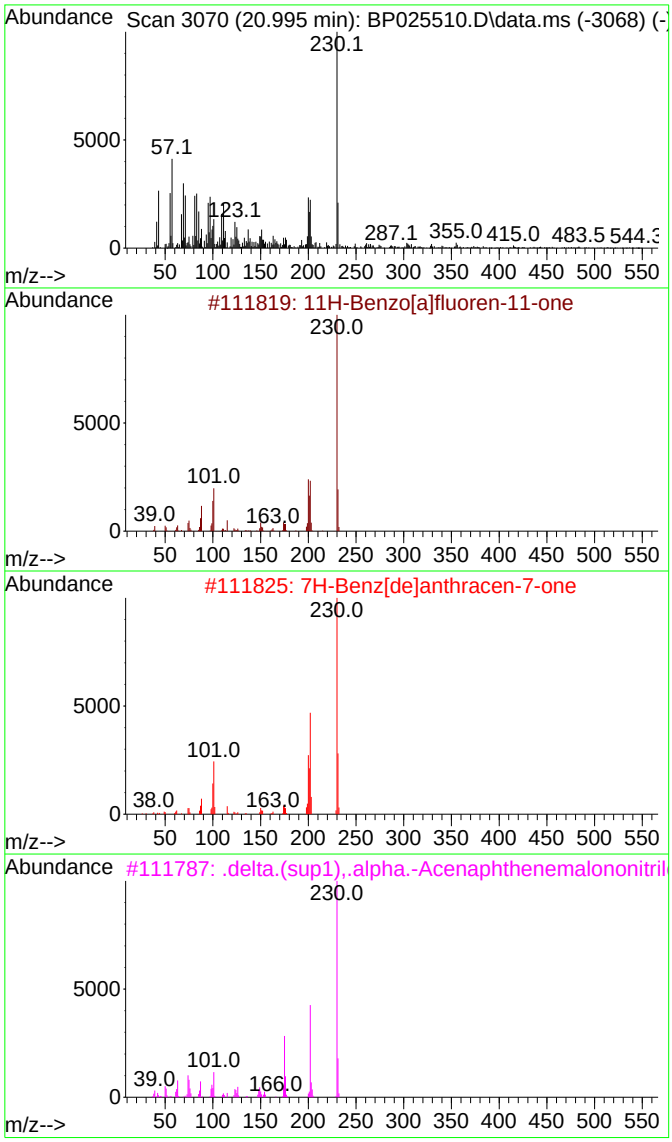
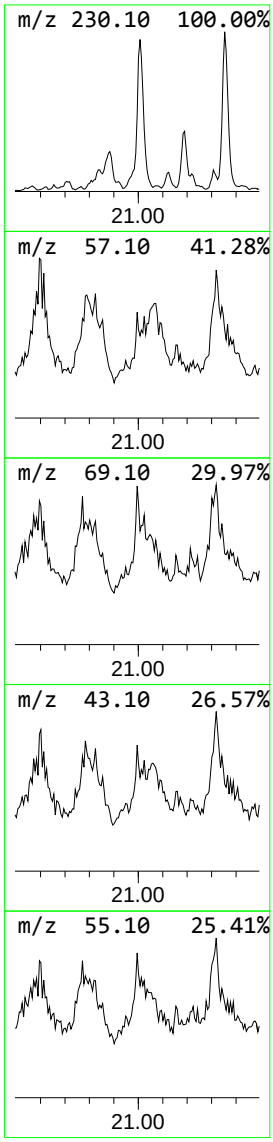
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.995	5.91 ng	780107	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
3	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	49
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	49
5	Hept-2-enoylamide, N-benzyl-N-pe...	287	C19H29NO	1000450-84-7	47





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Data File : BP025510.D
Acq On : 20 Aug 2025 16:15
Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-081525

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

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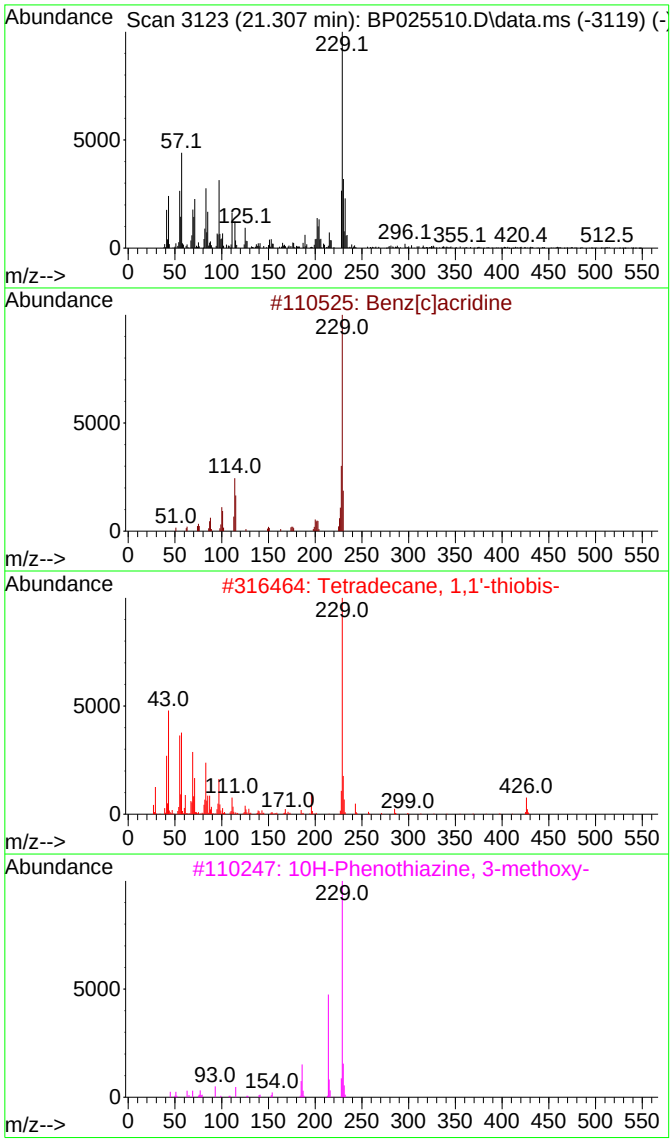
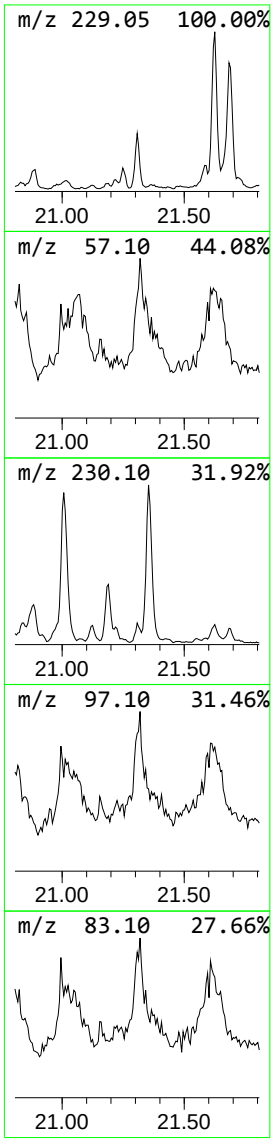
Peak Number 19 Benz[c]acridine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.307	3.81 ng	502854	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	58
2	Tetradecane, 1,1'-thiobis-	426	C28H58S	035599-83-8	47
3	10H-Phenothiazine, 3-methoxy-	229	C13H11NOS	001771-19-3	43
4	Malononitrile, 2-indeno[1,2-b]py...	229	C15H7N3	1000316-60-9	43
5	Thiazole, 2-amino-4-(1H-indol-3-...	229	C12H11N3S	1000304-18-3	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025510.D
Acq On : 20 Aug 2025 16:15
Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-081525

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

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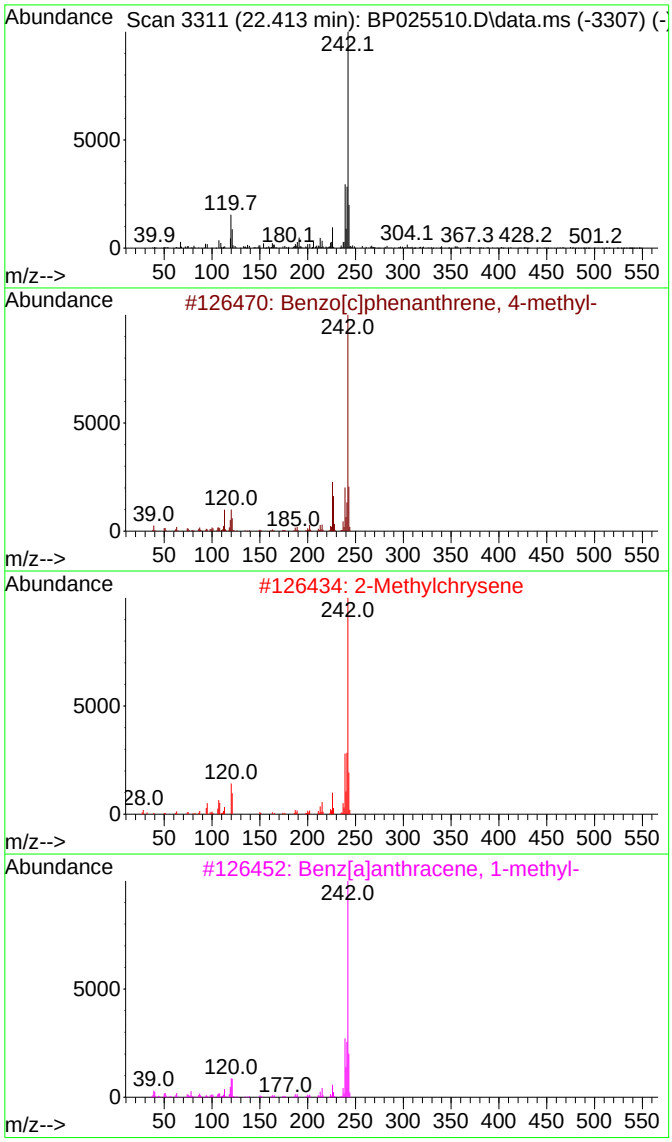
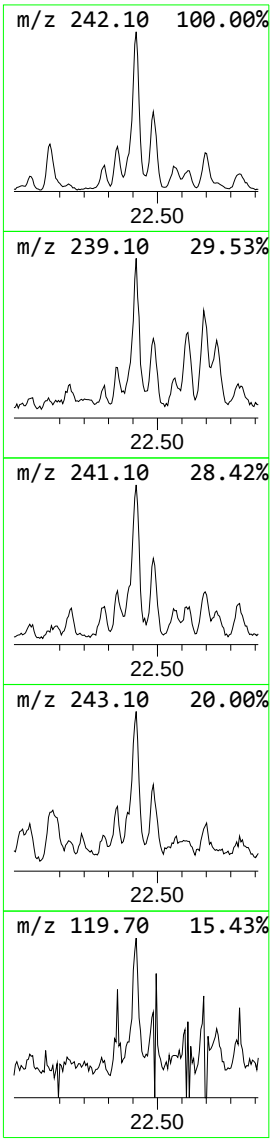
Peak Number 20 Benzo[c]phenanthrene, 4-met... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.413	3.08 ng	406246	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene, 4-methyl-	242	C19H14	004076-40-8	92
2	2-Methylchrysene	242	C19H14	003351-32-4	91
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	90
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025510.D
Acq On : 20 Aug 2025 16:15
Operator : CG/JU
Sample : Q2889-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-081525

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...	3.037	7.6	ng	373243	1	7.784	977595	20.0
Dibenzofuran, 4...	15.766	2.8	ng	232338	3	14.396	1673320	20.0
Anthracene, 1,2...	16.942	3.6	ng	356158	4	17.201	1986950	20.0
Dibenzothiophene	17.007	3.1	ng	312344	4	17.201	1986950	20.0
7,9-Di-tert-but...	17.907	2.4	ng	235295	4	17.201	1986950	20.0
Phenanthrene, 1...	18.107	4.9	ng	482479	4	17.201	1986950	20.0
Phenanthrene, 2...	18.160	9.1	ng	907811	4	17.201	1986950	20.0
Anthracene, 1-m...	18.242	3.0	ng	302909	4	17.201	1986950	20.0
4H-Cyclopenta[d...	18.301	8.2	ng	817858	4	17.201	1986950	20.0
1H-Cyclopropa[l...	18.342	3.9	ng	383310	4	17.201	1986950	20.0
Naphthalene, 2-...	18.625	2.9	ng	289799	4	17.201	1986950	20.0
9,10-Anthracene...	18.660	3.4	ng	337386	4	17.201	1986950	20.0
Phenanthrene, 3...	19.060	4.5	ng	451392	4	17.201	1986950	20.0
Phenanthrene, 2...	19.113	2.9	ng	286114	4	17.201	1986950	20.0
Pyrene, 1-methyl-	20.036	3.6	ng	471570	5	21.642	2640850	20.0
11H-Benzo[b]flu...	20.219	5.4	ng	713735	5	21.642	2640850	20.0
Pyrene, 4-methyl-	20.384	3.5	ng	462873	5	21.642	2640850	20.0
11H-Benzo[a]flu...	20.995	5.9	ng	780107	5	21.642	2640850	20.0
Benz[c]acridine	21.307	3.8	ng	502854	5	21.642	2640850	20.0
Benzo[c]phenant...	22.413	3.1	ng	406246	5	21.642	2640850	20.0