LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024501.D
Acq On : 01 May 2025 20:58
Operator : RC/JU
Sample : Q1912-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-E

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024501.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.875	298	304	314	rVB	197912	275007	4.45%	0.311%
2	5.334	375	382	394	rBV	1992611	2815720	45.57%	3.189%
3	6.899	639	648	666	rBV	2038591	3310206	53.58%	3.749%
4	7.711	778	786	796	rBV	949449	1396795	22.61%	1.582%
5	8.863	974	982	997	rBV	1263761	2107692	34.11%	2.387%
6	10.487	1250	1258	1264	rBV	1294518	2026825	32.81%	2.296%
7	12.369	1572	1578	1588	rVB	62124	107181	1.73%	0.121%
8	12.963	1669	1679	1691	rBV	3719944	5248694	84.95%	5.945%
9	13.504	1764	1771	1772	rBV2	84796	113225	1.83%	0.128%
10	13.663	1791	1798	1803	rBV	162067	294049	4.76%	0.333%
11	13.716	1803	1807	1812	rVB	108103	154429	2.50%	0.175%
12	13.898	1832	1838	1842	rBV	85935	135022	2.19%	0.153%
13	14.069	1859	1867	1881	rBV	265892	474586	7.68%	0.538%
14	14.345	1905	1914	1921	rVV	1699636	2492117	40.34%	2.823%
15	14.410	1921	1925	1934	rVB	118595	180189	2.92%	0.204%
16	14.563	1945	1951	1959	rBV2	54597	133111	2.15%	0.151%
17	14.751	1977	1983	1990	rVV	147175	259985	4.21%	0.294%
18	14.828	1991	1996	2001	rVB	116013	180190	2.92%	0.204%
19	14.975	2014	2021	2026	rBV3	109475	229903	3.72%	0.260%
20	15.028	2026	2030	2034	rVB	90674	112463	1.82%	0.127%
21	15.222	2060	2063	2070	rVB2	87801	117374	1.90%	0.133%
22	15.410	2089	2095	2108	rVB2	234878	441609	7.15%	0.500%
23	15.540	2108	2117	2121	rBV3	79465	174437	2.82%	0.198%
24	15.628	2128	2132	2138	rVV3	86920	160517	2.60%	0.182%
25	15.734	2141	2150	2155	rVB2	342373	541028	8.76%	0.613%
26	15.863	2163	2172	2180	rBV	2917074	3968660	64.24%	4.495%
27	16.098	2207	2212	2225	rVB4	188633	427323	6.92%	0.484%
28	16.434	2262	2269	2273	rBV2	129454	257702	4.17%	0.292%
29	16.481	2273	2277	2283	rVB2	102581	151498	2.45%	0.172%
30	16.587	2292	2295	2301	rVB2	66491	93954	1.52%	0.106%
31	16.710	2313	2316	2323	rVB2	71908	108822	1.76%	0.123%
32	16.786	2326	2329	2337	rVB3	91750	162691	2.63%	0.184%
33	16.869	2338	2343	2346	rBV5	50741	92700	1.50%	0.105%
34	16.904	2346	2349	2354	rVV	129889	184944	2.99%	0.209%
35	16.963	2354	2359	2366	rVB	269917	424902	6.88%	0.481%
36	17.139	2383	2389	2393	rBV	1666554	2379841	38.52%	2.696%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024501.D
Acq On : 01 May 2025 20:58
Operator : RC/JU
Sample : Q1912-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-E

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.186	2393	2397	2405	rVV	1486967	2247541	36.38%	2.546%
38	17.286	2409	2414	2419	rVV	511741	686700	11.11%	0.778%
39	17.345	2419	2424	2429	rVV2	76706	149552	2.42%	0.169%
40	17.569	2458	2462	2470	rBV6	38397	113425	1.84%	0.128%
41	17.675	2476	2480	2485	rVB2	137085	218126	3.53%	0.247%
42	17.745	2487	2492	2502	rVB	226153	374007	6.05%	0.424%
43	17.892	2513	2517	2524	rVB	160257	293842	4.76%	0.333%
44	17.969	2525	2530	2534	rBV3	74146	130932	2.12%	0.148%
45	18.051	2538	2544	2547	rVV	557356	894699	14.48%	1.013%
46	18.098	2547	2552	2558	rVV	813344	1543357	24.98%	1.748%
47	18.181	2562	2566	2571	rVV	261305	387396	6.27%	0.439%
48	18.251	2572	2578	2582	rVV2	648953	1340700	21.70%	1.519%
49	18.292	2582	2585	2591	rVB	419453	600174	9.71%	0.680%
50	18.386	2597	2601	2605	rBV3	123176	160524	2.60%	0.182%
51	18.463	2610	2614	2618	rVB3	136626	184288	2.98%	0.209%
52	18.569	2628	2632	2636	rBV2	236348	315345	5.10%	0.357%
53	18.616	2636	2640	2650	rVB2	205165	466115	7.54%	0.528%
54	18.739	2659	2661	2666	rVB	78451	106934	1.73%	0.121%
55	18.798	2666	2671	2673	rBV	105757	171553	2.78%	0.194%
56	18.828	2673	2676	2680	rVV	182909	259650	4.20%	0.294%
57	18.881	2681	2685	2688	rVV	301392	392705	6.36%	0.445%
58	18.922	2688	2692	2696	rVB2	240677	318053	5.15%	0.360%
59	19.004	2701	2706	2710	rBV	666350	992228	16.06%	1.124%
60	19.057	2710	2715	2720	rVV3	266727	593613	9.61%	0.672%
61	19.104	2720	2723	2726	rVB	181654	220443	3.57%	0.250%
62	19.151	2726	2731	2738	rBV2	332408	731347	11.84%	0.828%
63	19.280	2747	2753	2758	rBV	1871735	2448114	39.62%	2.773%
64	19.351	2760	2765	2768	rBV	185133	261762	4.24%	0.296%
65	19.533	2792	2796	2799	rBV2	212669	263955	4.27%	0.299%
66	19.569	2800	2802	2806	rVB3	130965	147447	2.39%	0.167%
67	19.657	2807	2817	2826	rBV	2820246	4390312	71.06%	4.973%
68	19.739	2826	2831	2837	rVB2	354394	586403	9.49%	0.664%
69	19.792	2837	2840	2842	rBV3	72526	90212	1.46%	0.102%
70	19.875	2849	2854	2866	rVB	4711390	6178335	100.00%	6.998%
71	19.998	2870	2875	2886	rBV4	399364	1036770	16.78%	1.174%
72	20.086	2887	2890	2894	rBV3	138759	178608	2.89%	0.202%
73	20.139	2894	2899	2902	rBV4	337326	640707	10.37%	0.726%
74	20.175	2902	2905	2909	rVB	436106	597724	9.67%	0.677%
75	20.251	2915	2918	2919	rBV	96876	103004	1.67%	0.117%
76	20.280	2919	2923	2927	rVB	237568	318165	5.15%	0.360%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024501.D
Acq On : 01 May 2025 20:58
Operator : RC/JU
Sample : Q1912-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-E

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.339	2928	2933	2939	rBV2	764678	1057139	17.11%	1.197%
78	20.486	2954	2958	2962	rBV	605070	752398	12.18%	0.852%
79	20.533	2962	2966	2970	rVB	534809	726441	11.76%	0.823%
80	20.575	2971	2973	2977	rBV2	82824	97687	1.58%	0.111%
81	20.663	2984	2988	2992	rVB3	129082	191645	3.10%	0.217%
82	20.869	3021	3023	3027	rVB	116191	127411	2.06%	0.144%
83	20.975	3037	3041	3048	rVB	391822	602486	9.75%	0.682%
84	21.069	3055	3057	3063	rVB	236136	301827	4.89%	0.342%
85	21.133	3064	3068	3069	rBV	226896	308227	4.99%	0.349%
86	21.157	3069	3072	3077	rVV2	398584	640105	10.36%	0.725%
87	21.204	3077	3080	3084	rVB	237994	287666	4.66%	0.326%
88	21.263	3084	3090	3095	rBV3	290454	718414	11.63%	0.814%
89	21.592	3138	3146	3152	rBV2	1853291	5064413	81.97%	5.736%
90	21.651	3152	3156	3165	rVB	1226075	1884507	30.50%	2.135%
91	21.757	3170	3174	3178	rBV2	230716	351983	5.70%	0.399%
92	22.092	3229	3231	3238	rVB2	216941	307096	4.97%	0.348%
93	22.292	3261	3265	3269	rBV	155676	229525	3.71%	0.260%
94	22.369	3274	3278	3285	rVV	616397	1114750	18.04%	1.263%
95	22.433	3286	3289	3295	rVB	318934	536920	8.69%	0.608%
96	23.898	3531	3538	3546	rBV2	838884	2465146	39.90%	2.792%
97	24.157	3578	3582	3590	rVB	224055	448284	7.26%	0.508%
98	24.651	3659	3666	3678	rVB	692955	1812747	29.34%	2.053%
99	24.798	3682	3691	3700	rBV	1037823	2527508	40.91%	2.863%
100	24.963	3710	3719	3726	rBV	1010356	2862031	46.32%	3.242%

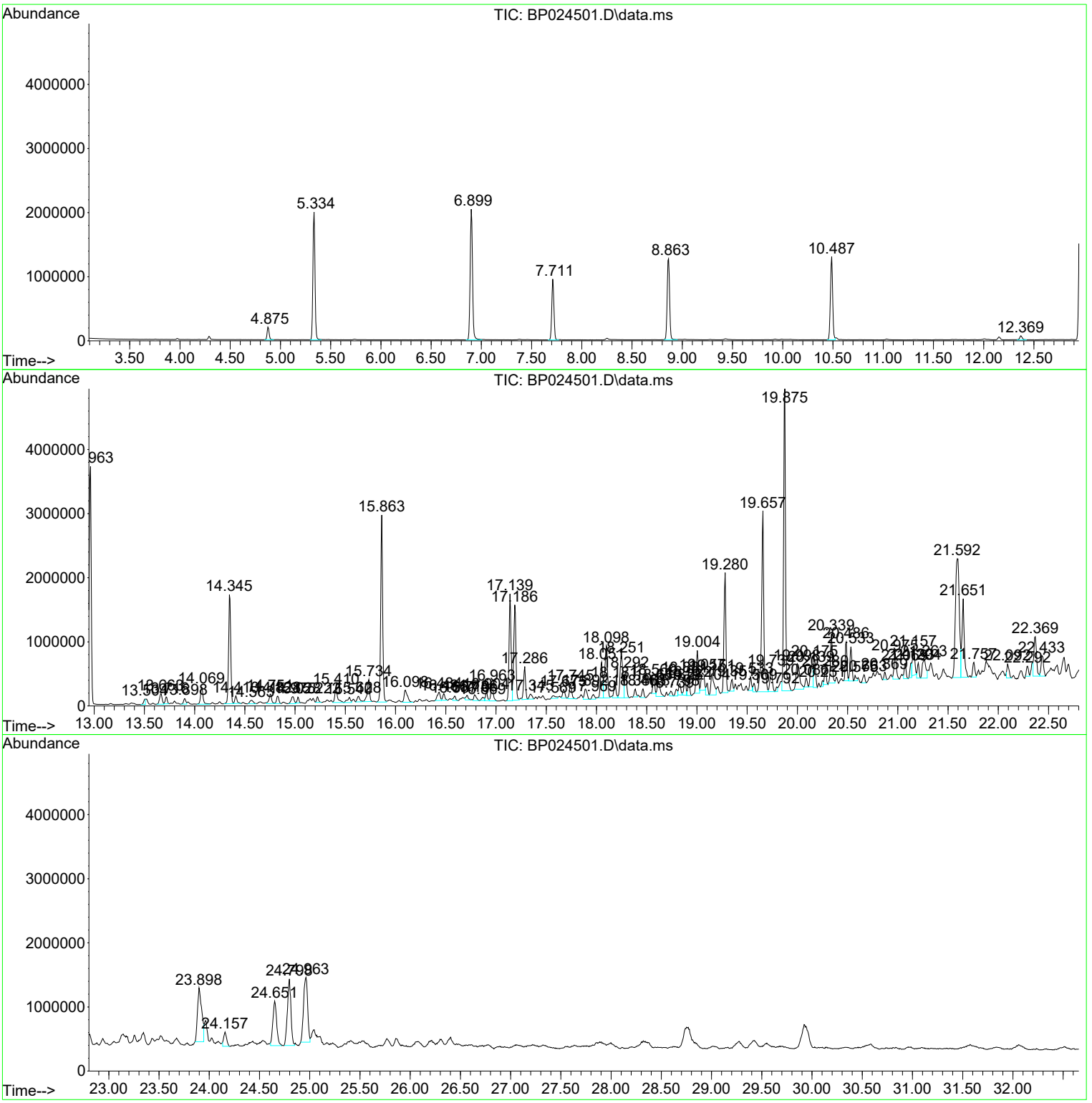
Sum of corrected areas: 88286514

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024501.D
Acq On : 01 May 2025 20:58
Operator : RC/JU
Sample : Q1912-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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\BP050125\
Data File : BP024501.D
Acq On : 01 May 2025 20:58
Operator : RC/JU
Sample : Q1912-01
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Instrument :
BNA_P
ClientSampleId :
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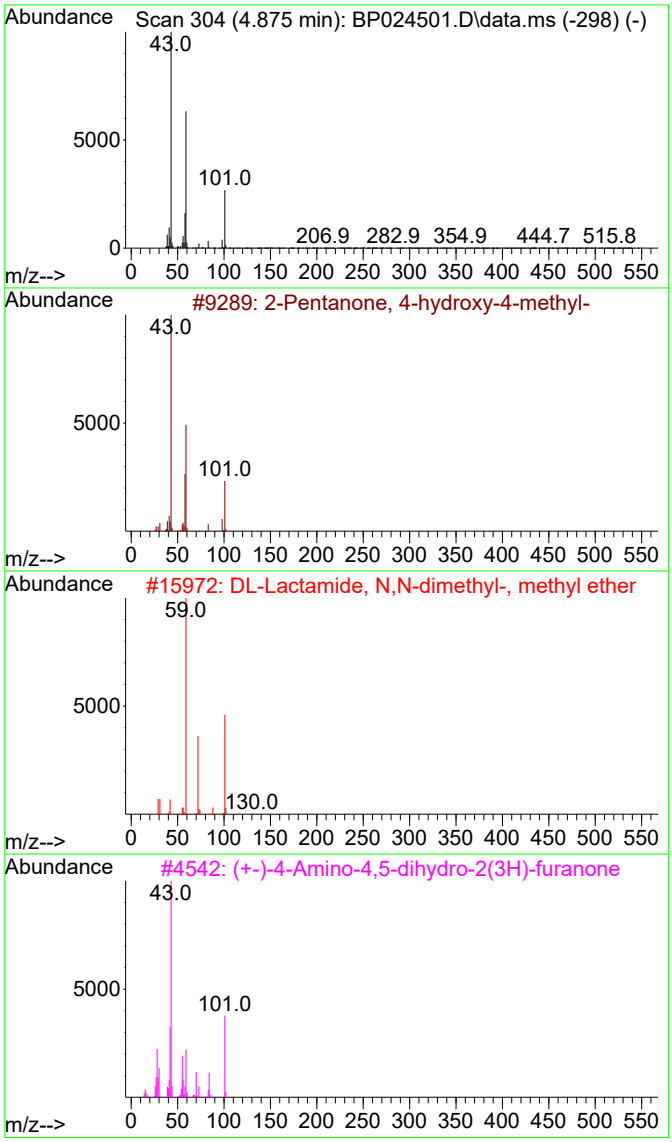
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

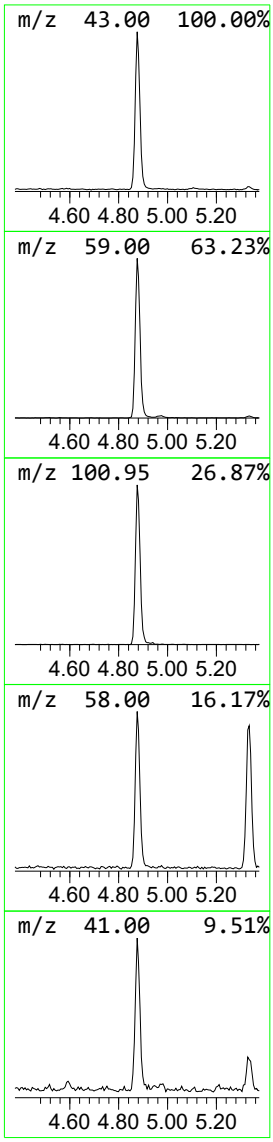
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.875	3.94 ng	275007	1,4-Dichlorobenzene-d4	7.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	33
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	25
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024501.D
Acq On : 01 May 2025 20:58
Operator : RC/JU
Sample : Q1912-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

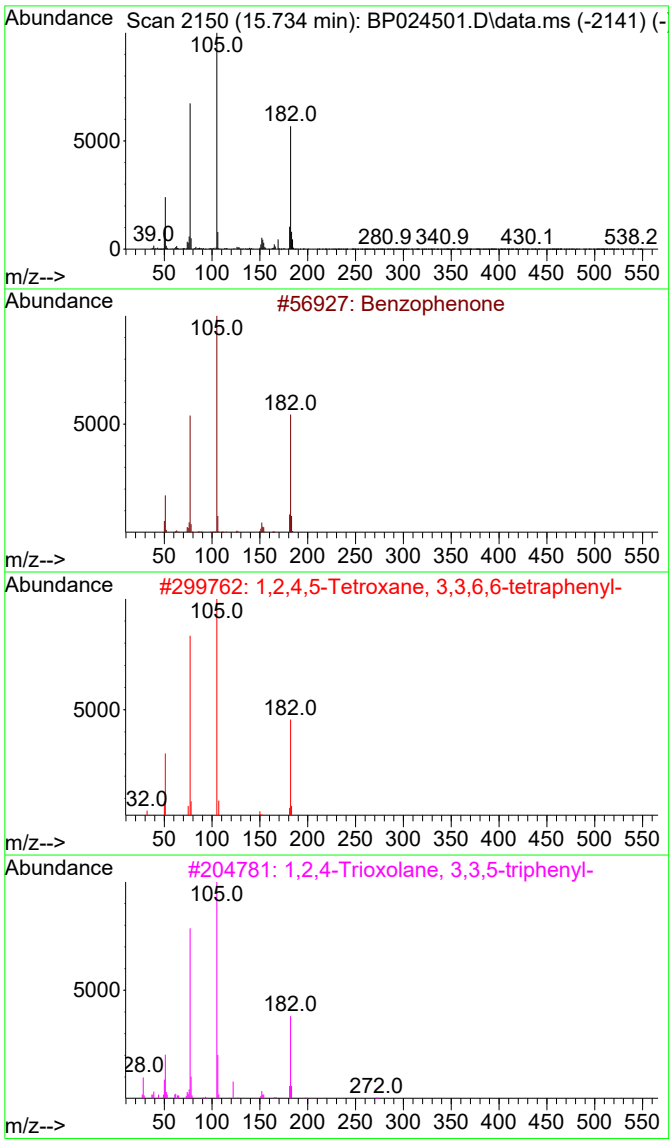
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

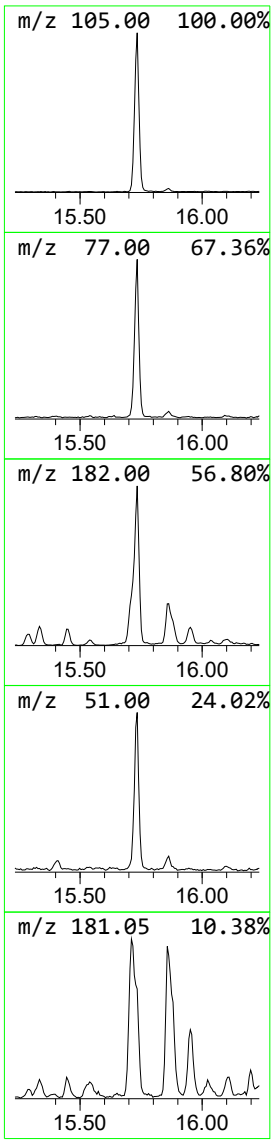
****

Peak Number 2 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.734	4.34 ng	541028	Acenaphthene-d10	14.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
4	Azobenzene	182	C12H10N2	000103-33-3	64
5	1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024501.D
Acq On : 01 May 2025 20:58
Operator : RC/JU
Sample : Q1912-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

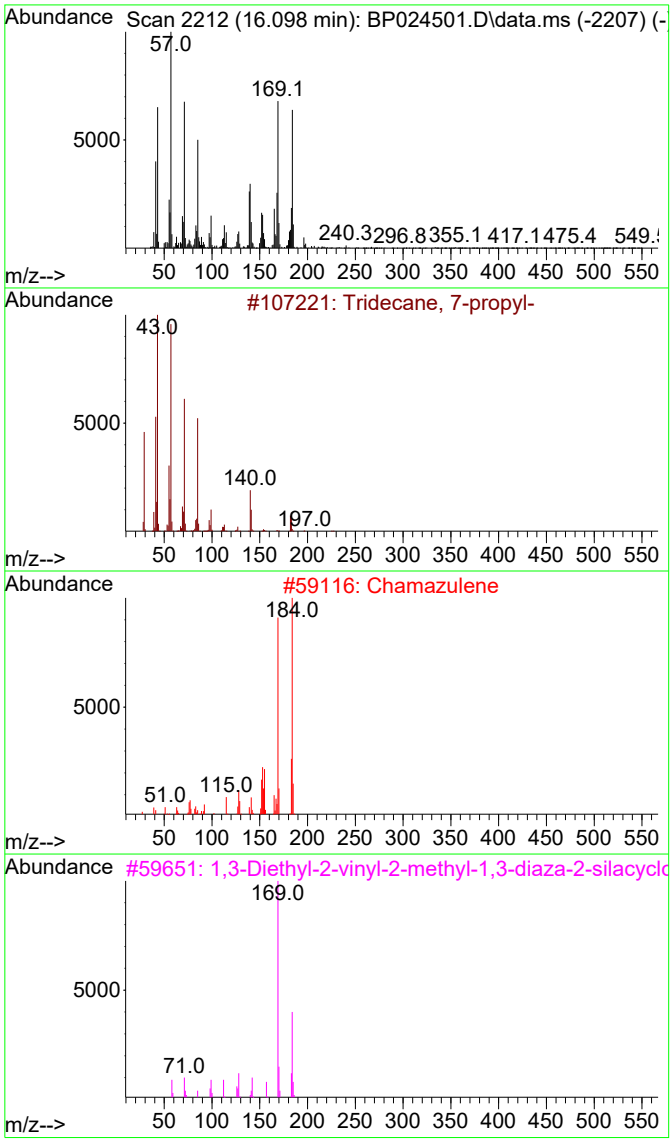
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

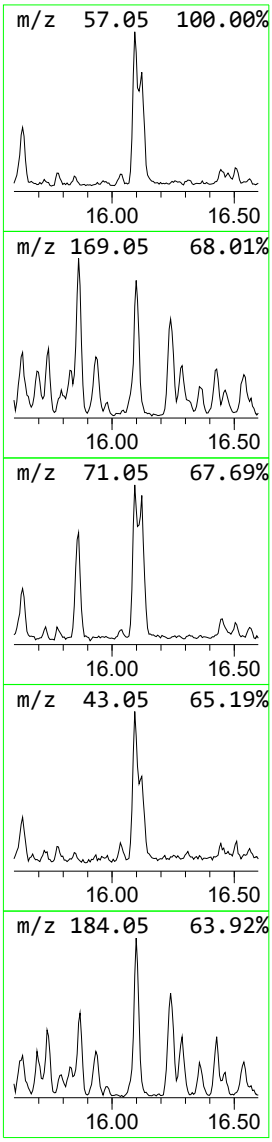
****

Peak Number 3 Tridecane, 7-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.098	3.59 ng	427323	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	81
2	Chamazulene	184	C14H16	000529-05-5	55
3	1,3-Diethyl-2-vinyl-2-methyl-1,3...	184	C9H20N2Si	051169-45-0	46
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	45
5	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024501.D
Acq On : 01 May 2025 20:58
Operator : RC/JU
Sample : Q1912-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

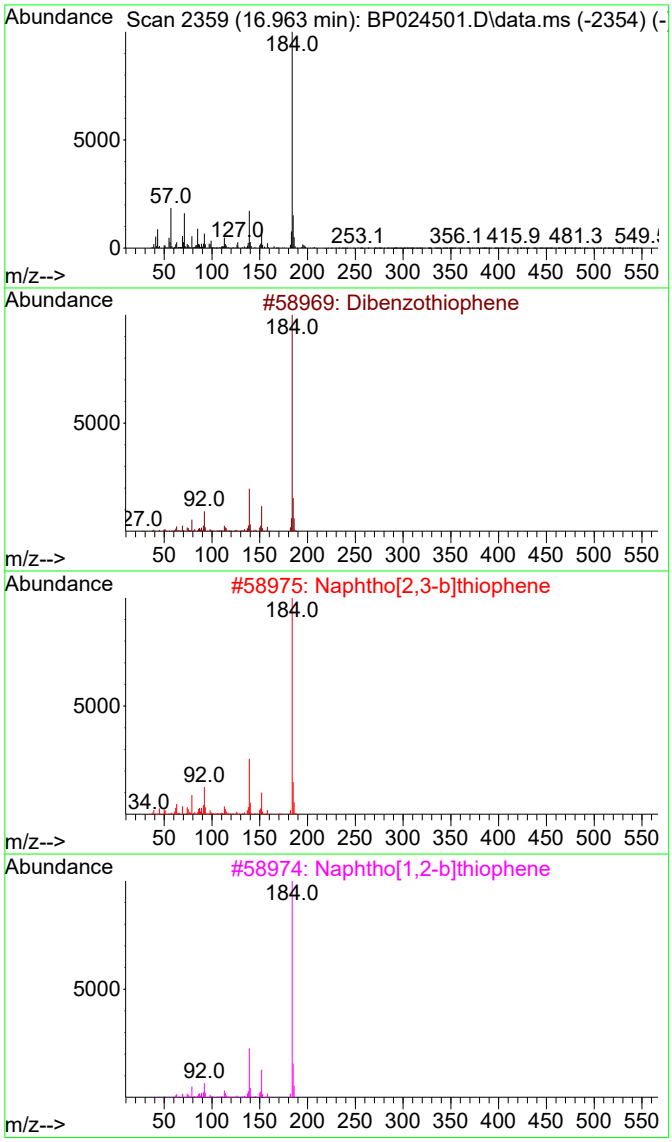
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

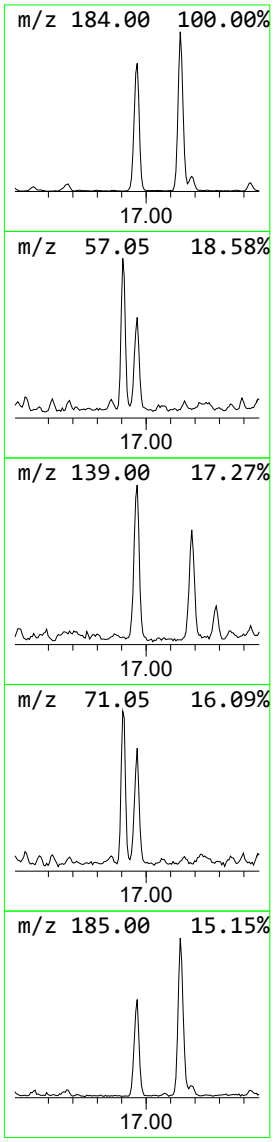
****

Peak Number 4 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.963	3.57 ng	424902	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024501.D
Acq On : 01 May 2025 20:58
Operator : RC/JU
Sample : Q1912-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-E

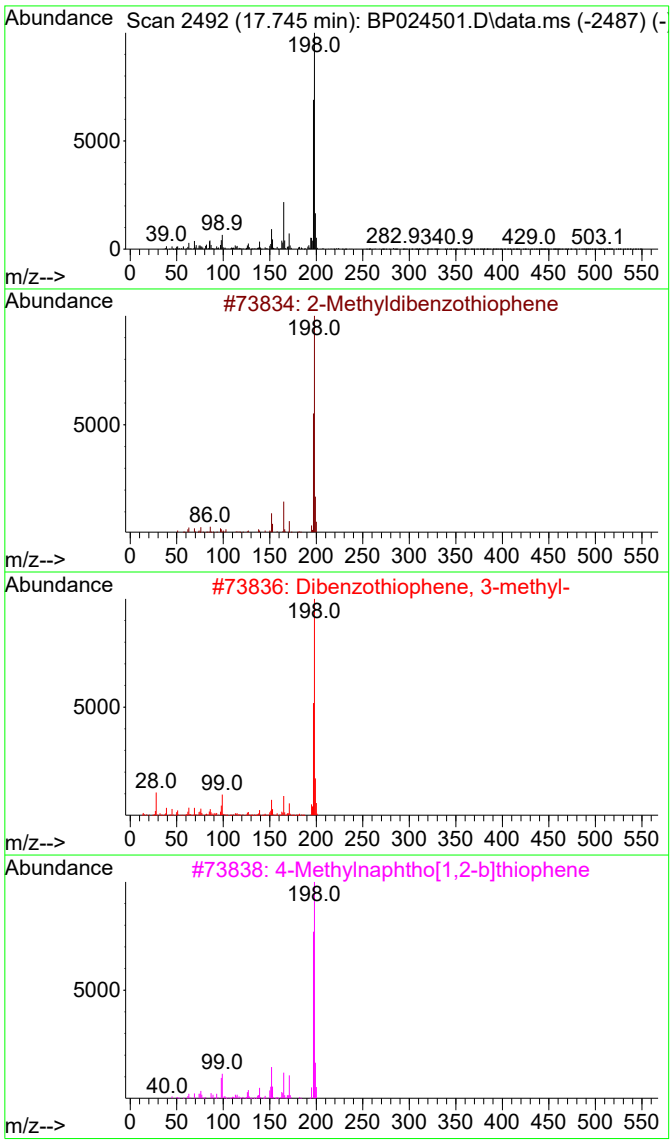
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

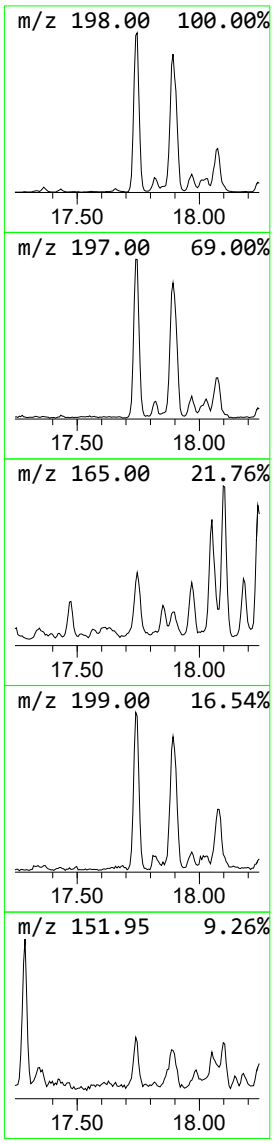
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Methyldibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.745	3.14 ng	374007	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	94
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	91
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	87





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Acq On : 01 May 2025 20:58
Operator : RC/JU
Sample : Q1912-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MH-E

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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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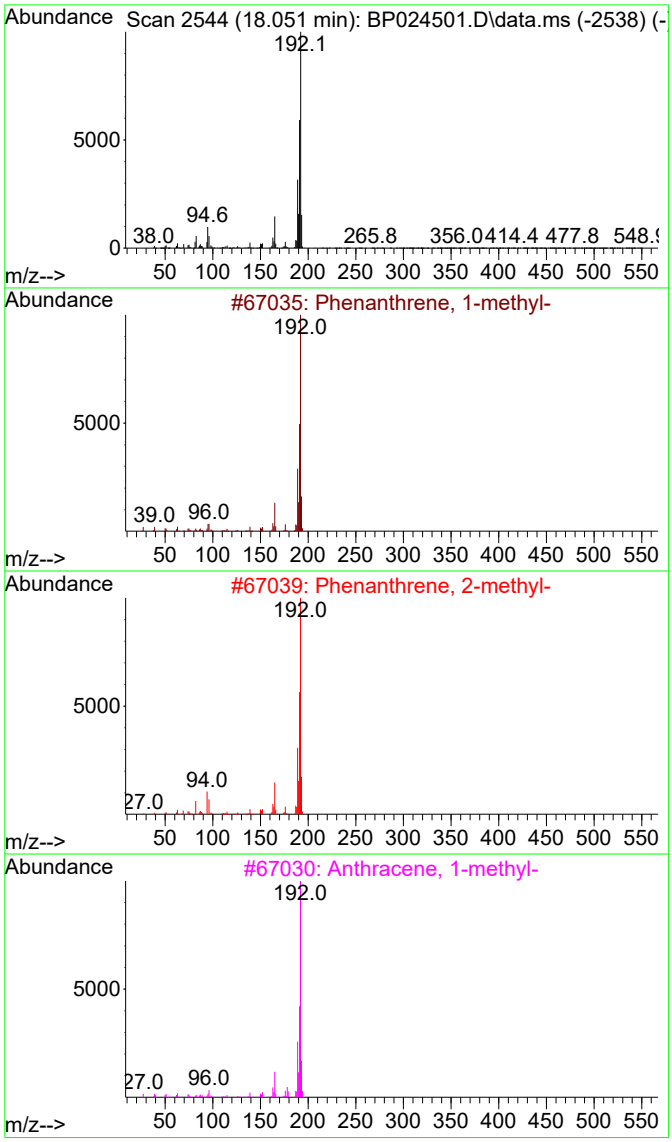
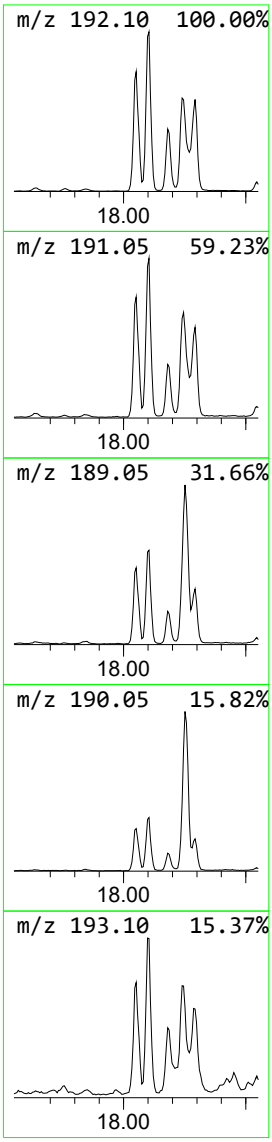
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	7.52 ng	894699	Phenanthrene-d10	17.139

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





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Operator : RC/JU
Sample : Q1912-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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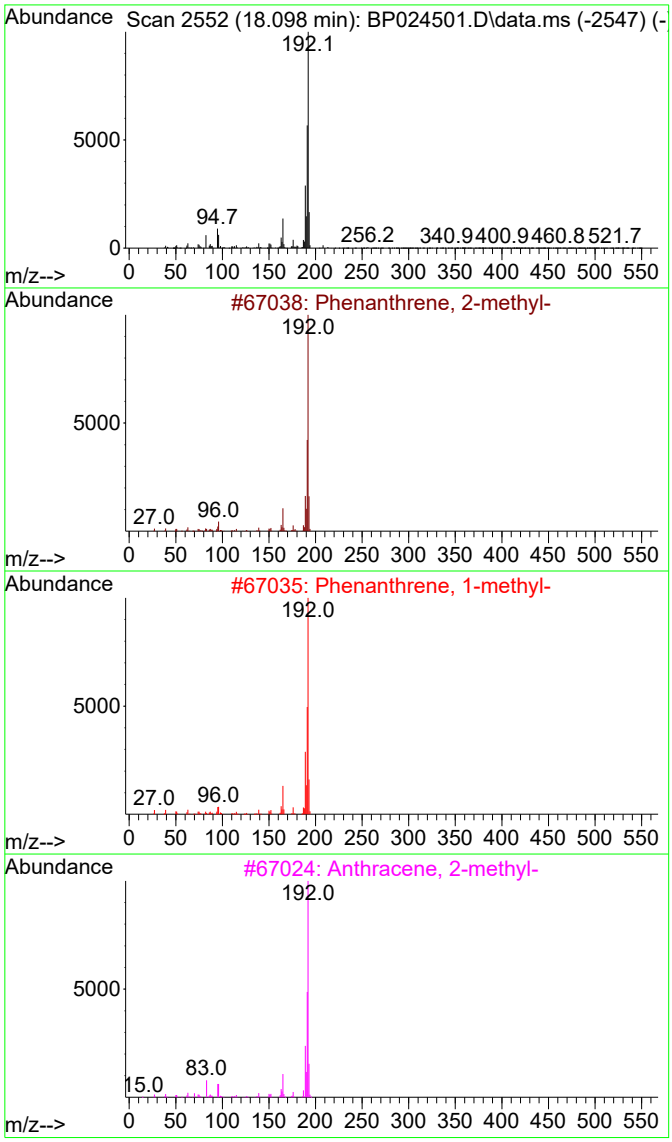
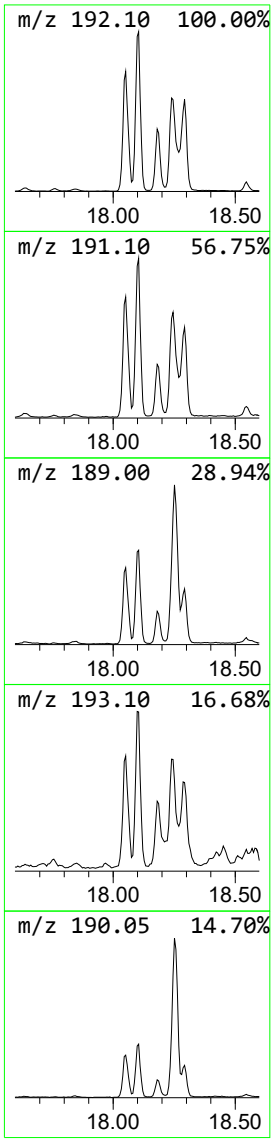
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	12.97 ng	1543360	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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ALS Vial : 17 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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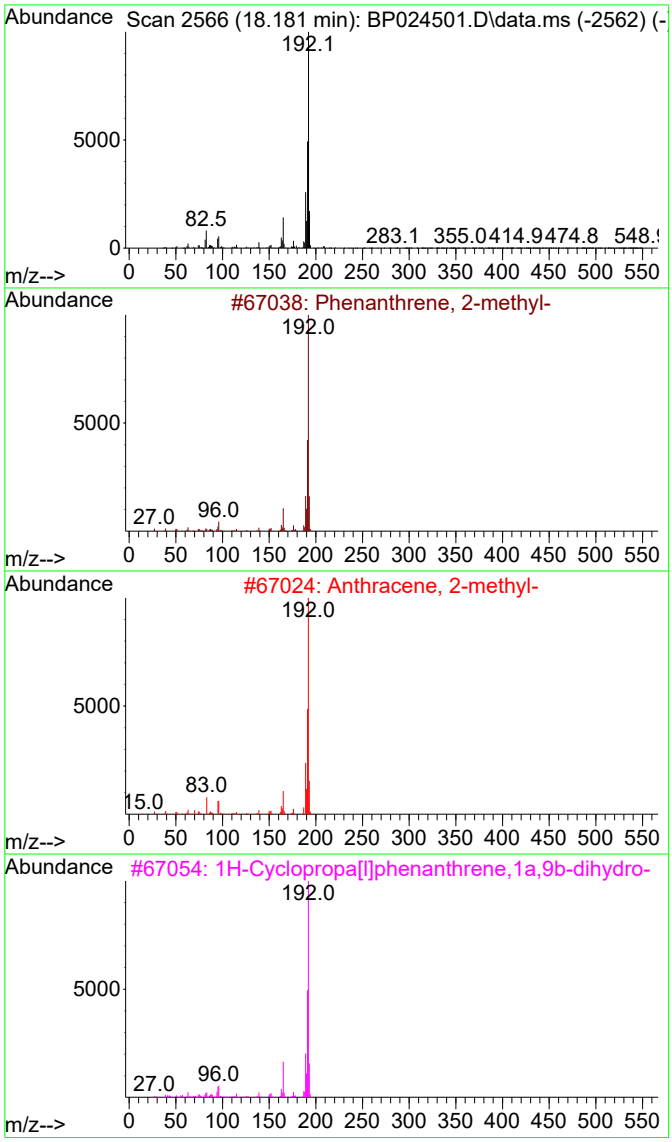
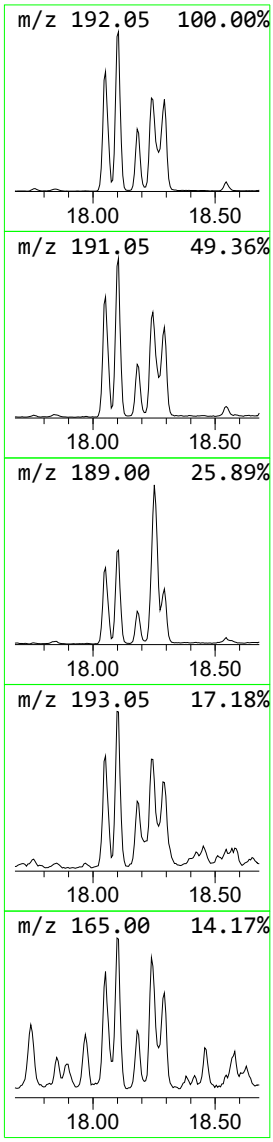
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	3.26 ng	387396	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MH-E

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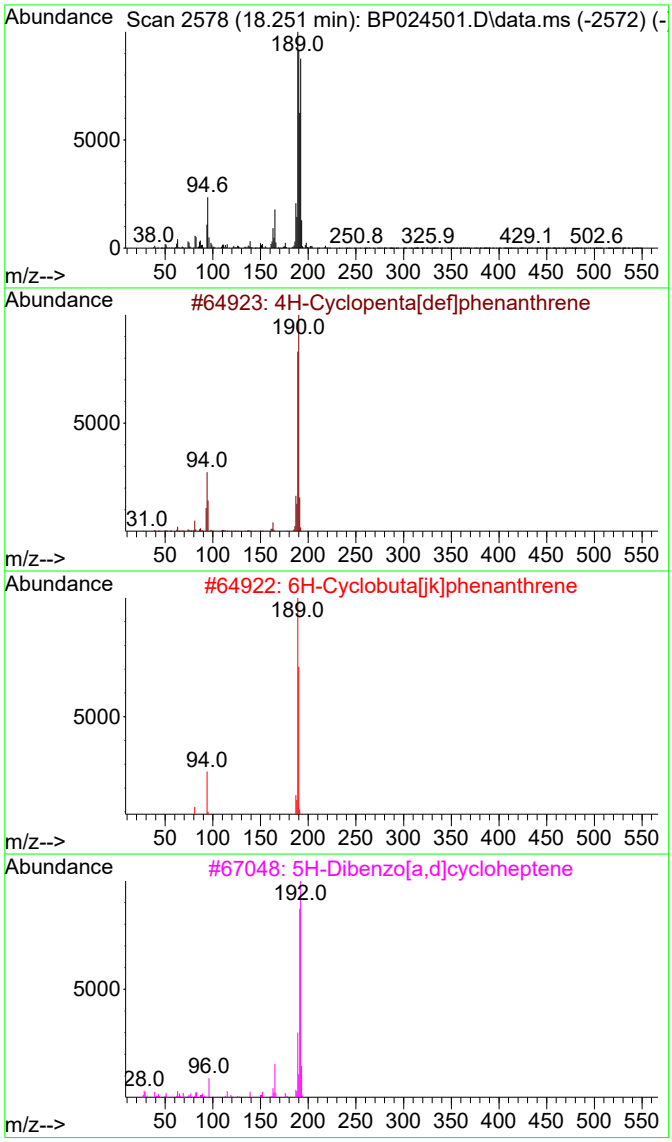
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

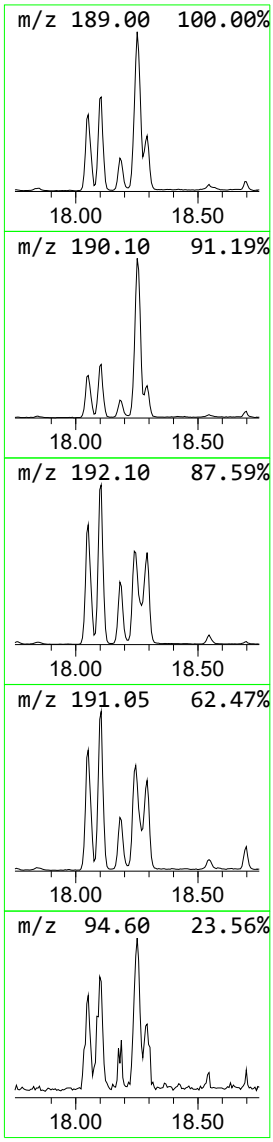
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	11.27 ng	1340700	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42





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Misc :
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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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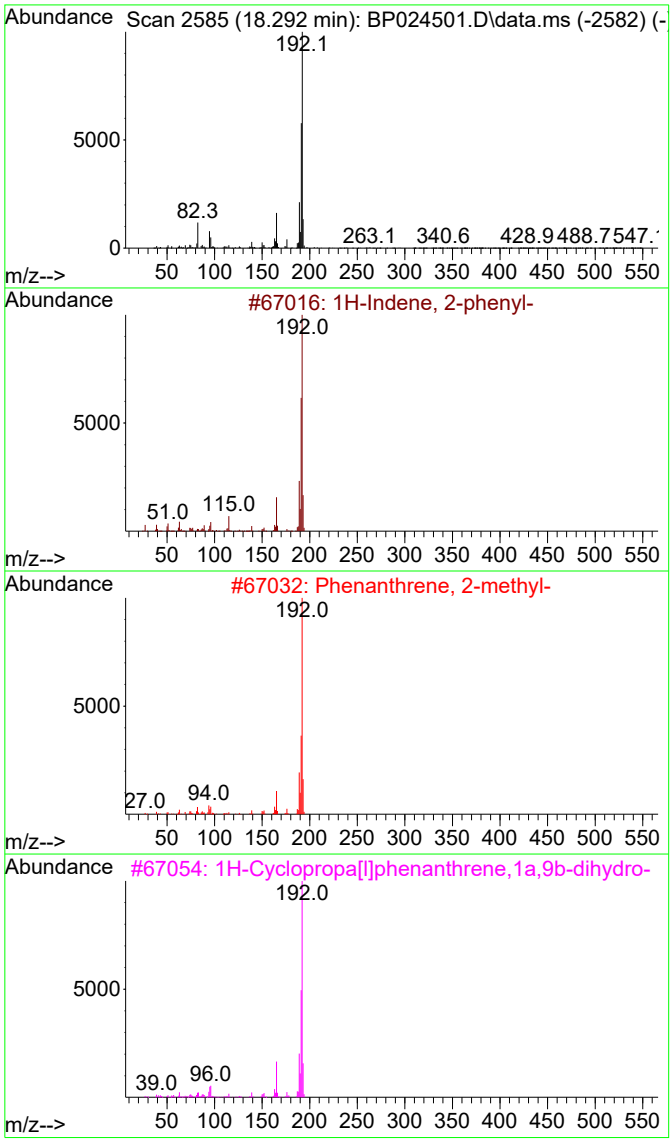
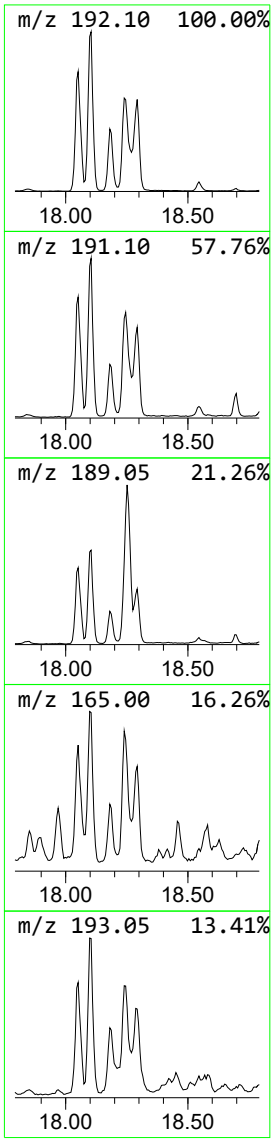
Peak Number 10 1H-Indene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	5.04 ng	600174	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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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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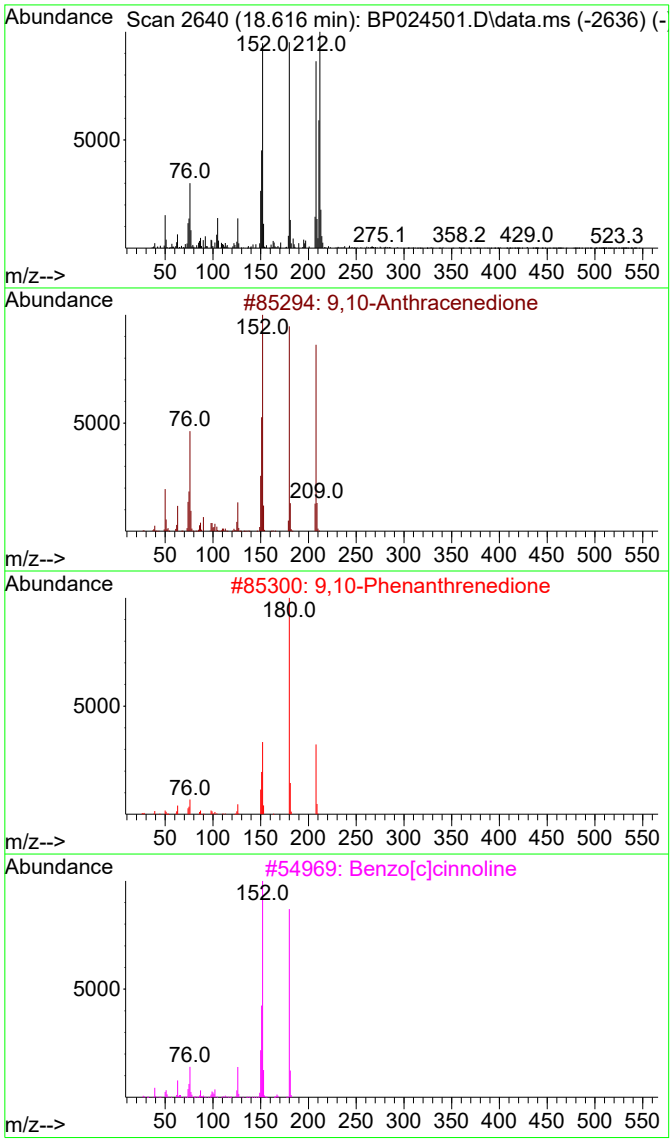
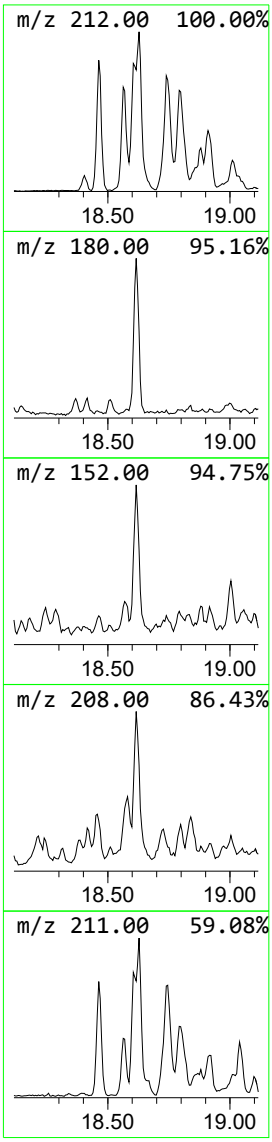
Peak Number 11 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	3.92 ng	466115	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	90
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MH-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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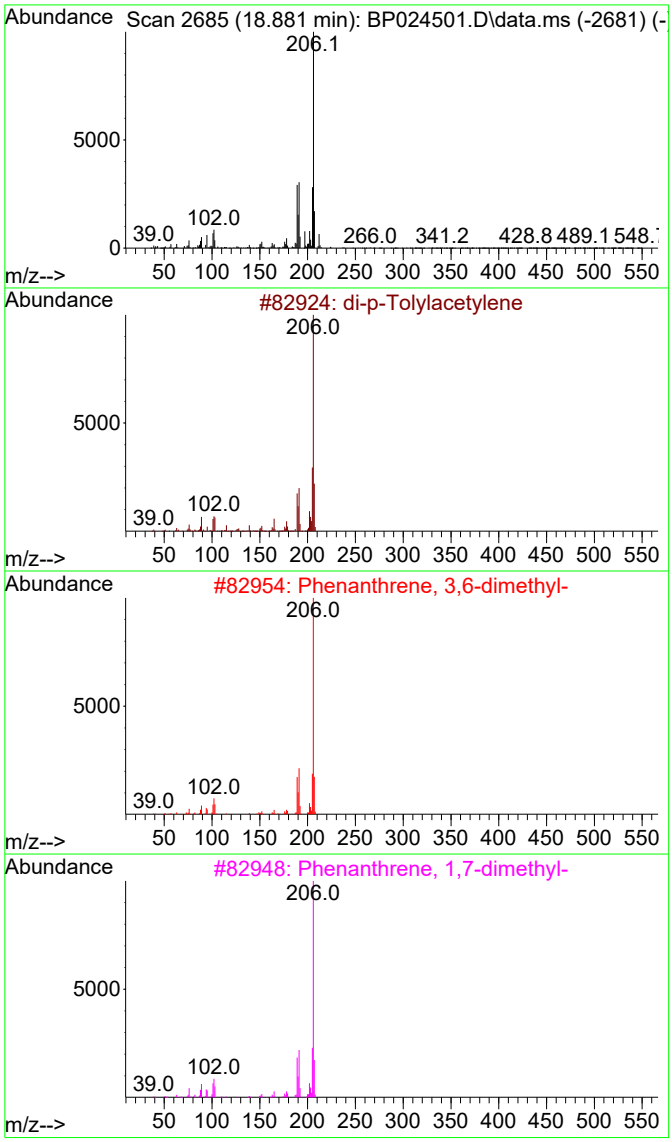
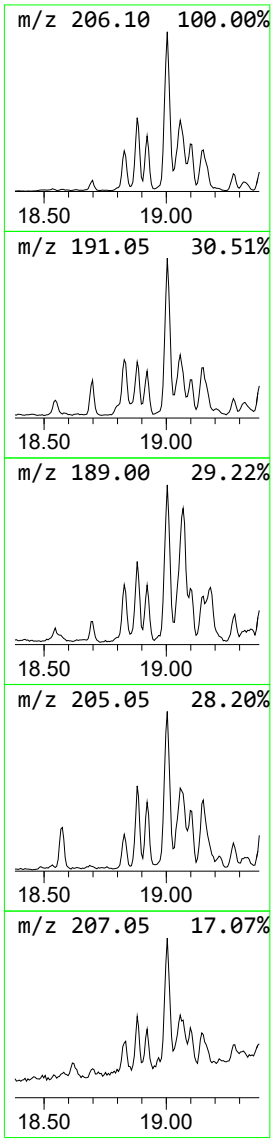
Peak Number 12 di-p-Tolylacetylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.881	3.30 ng	392705	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	72





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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

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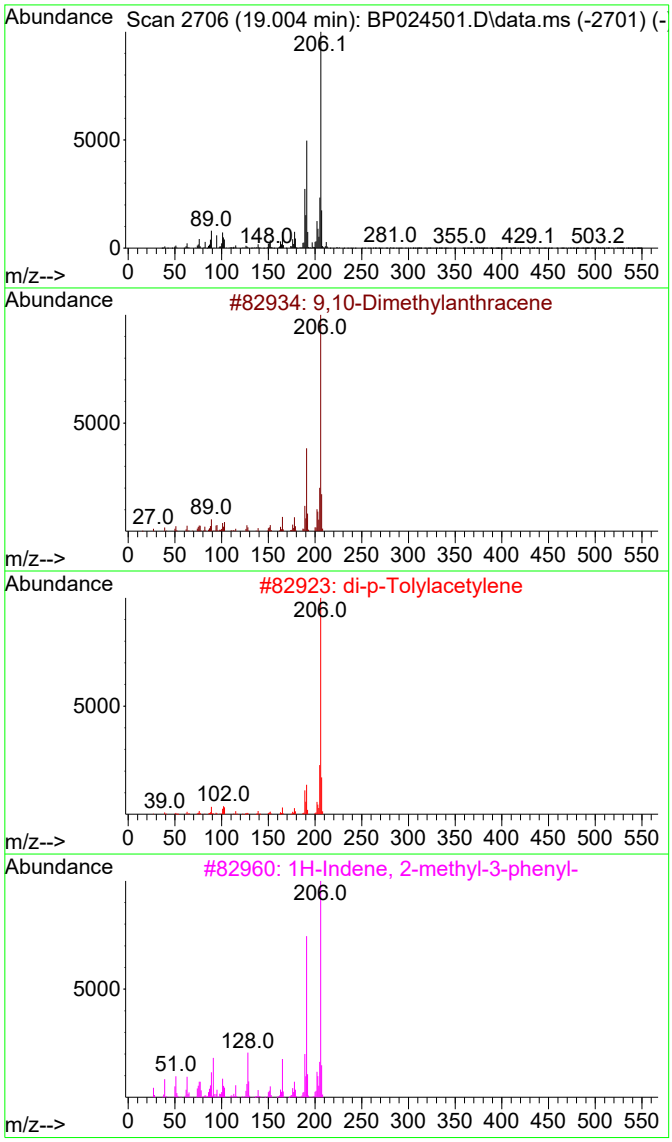
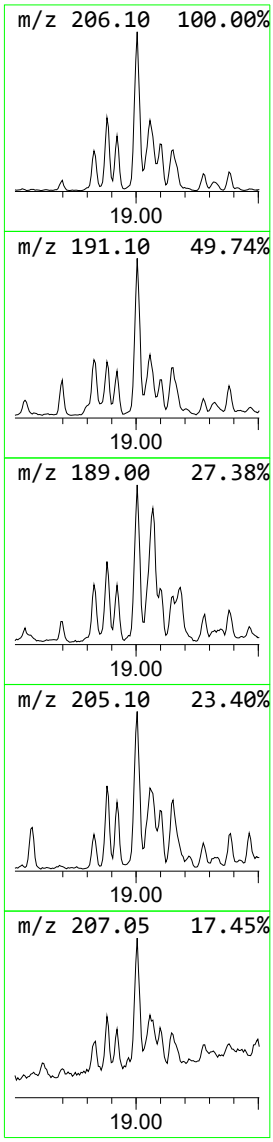
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.004	8.34 ng	992228	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





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ALS Vial : 17 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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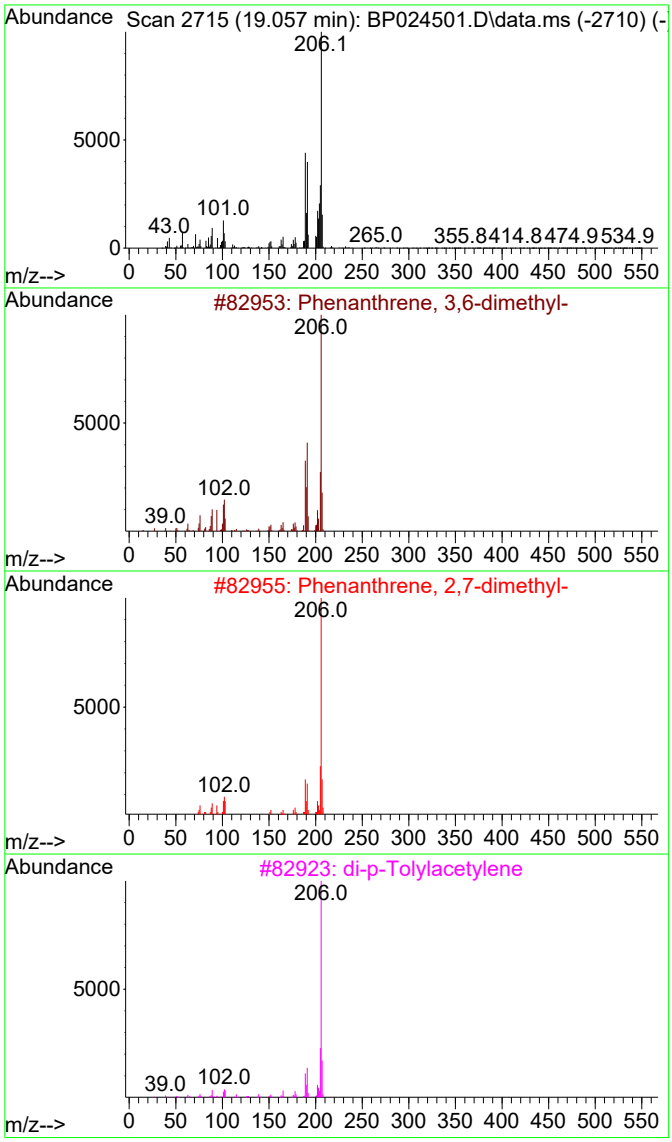
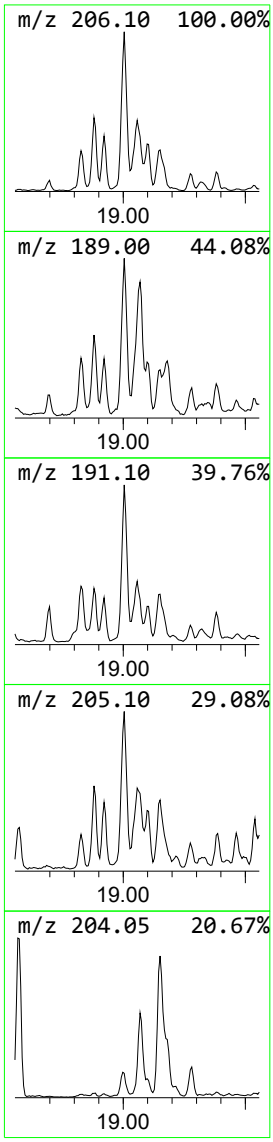
Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	4.99 ng	593613	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70





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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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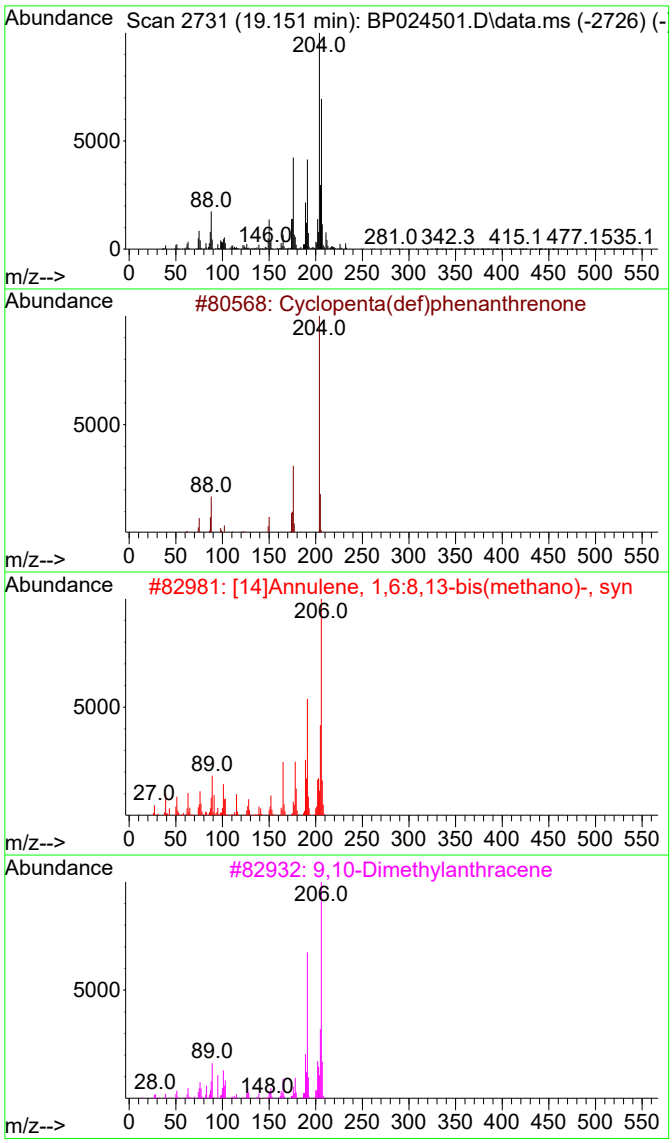
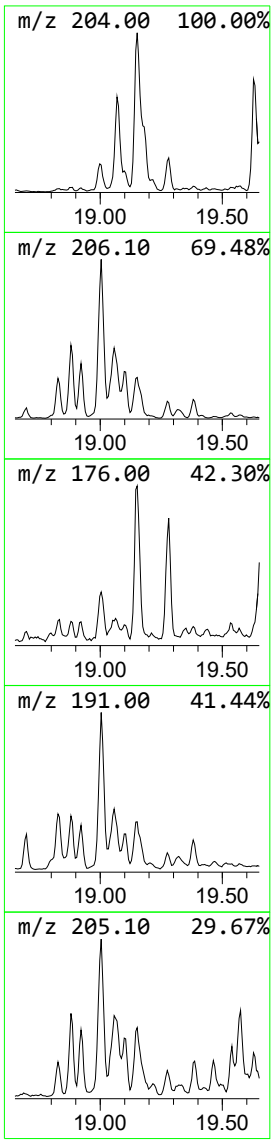
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.151	6.15 ng	731347	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	64
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	52
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	46
5	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	46





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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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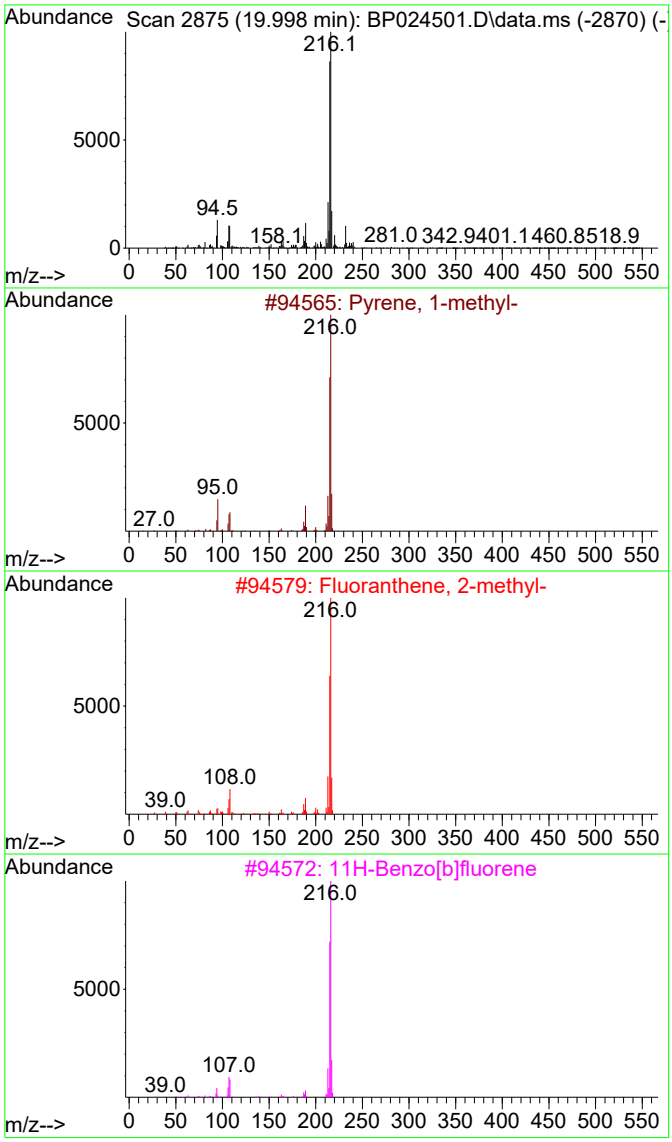
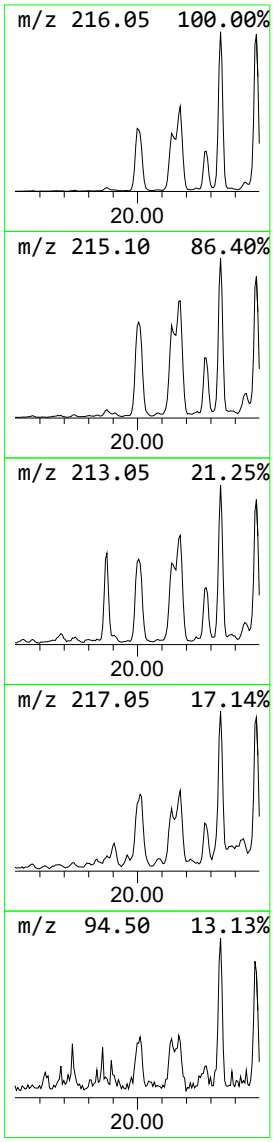
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.998	4.09 ng	1036770	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Sample : Q1912-01
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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
MH-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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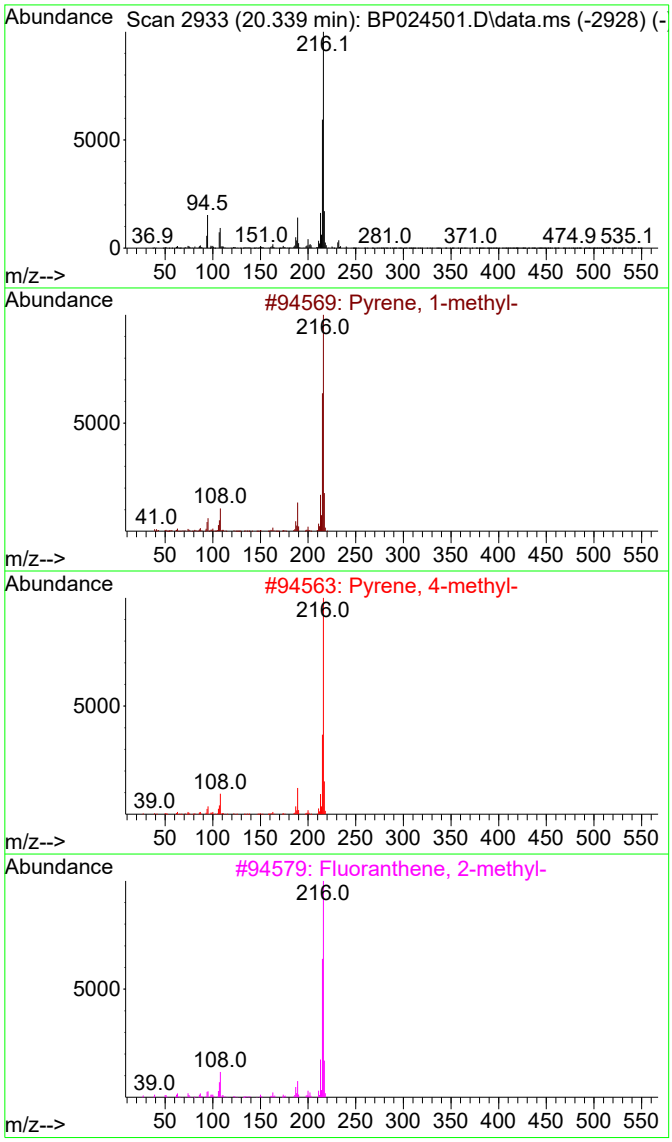
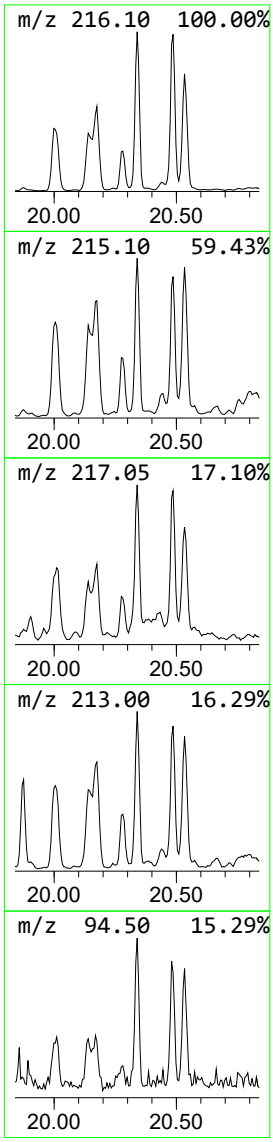
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.339	4.17 ng	1057140	Chrysene-d12	21.598

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	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024501.D
Acq On : 01 May 2025 20:58
Operator : RC/JU
Sample : Q1912-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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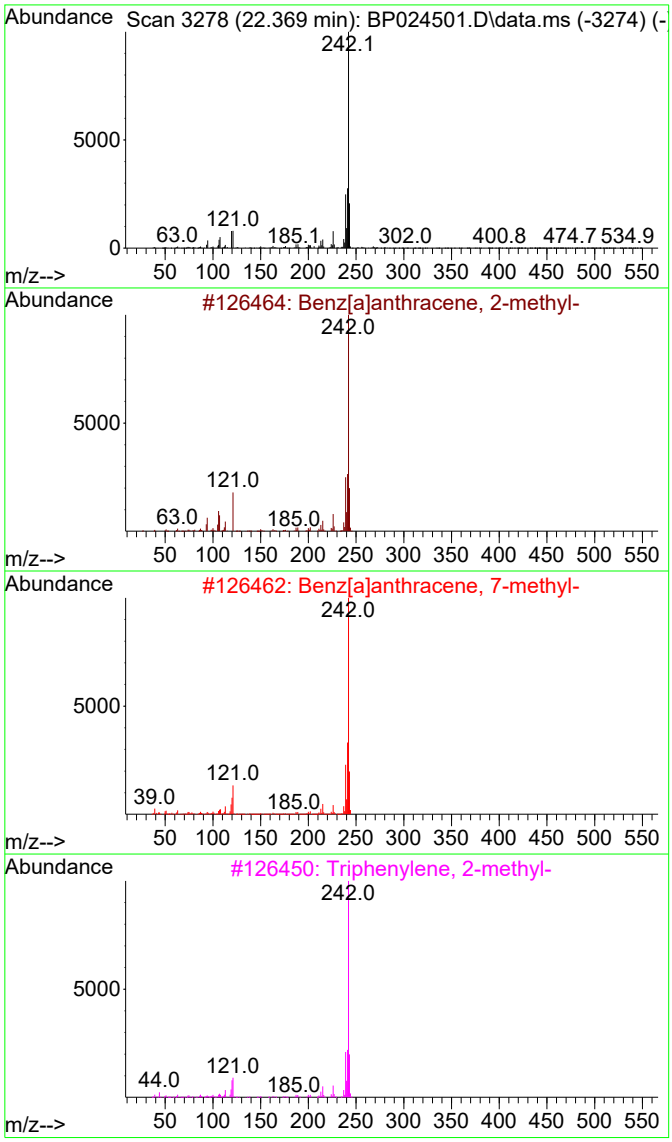
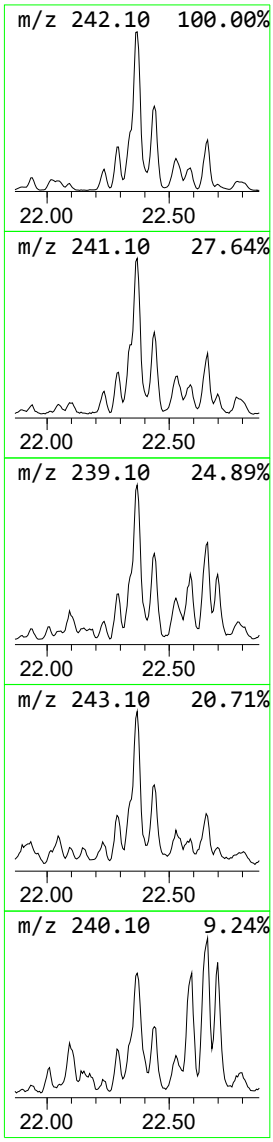
Peak Number 18 Benz[a]anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.369	4.40 ng	1114750	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	95
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024501.D
Acq On : 01 May 2025 20:58
Operator : RC/JU
Sample : Q1912-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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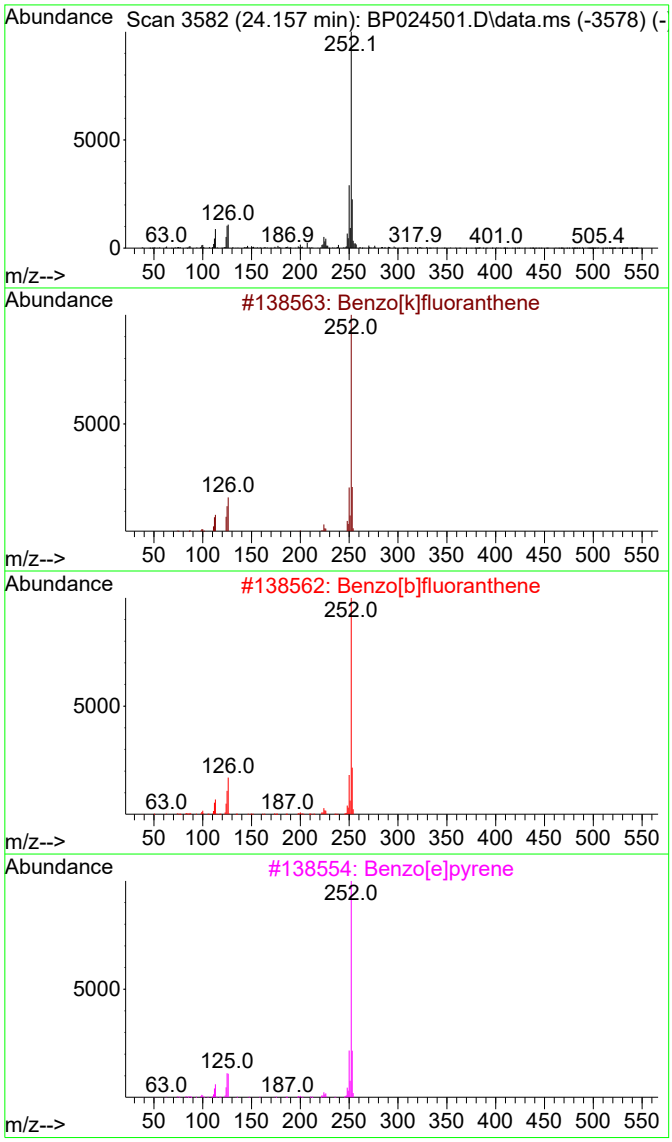
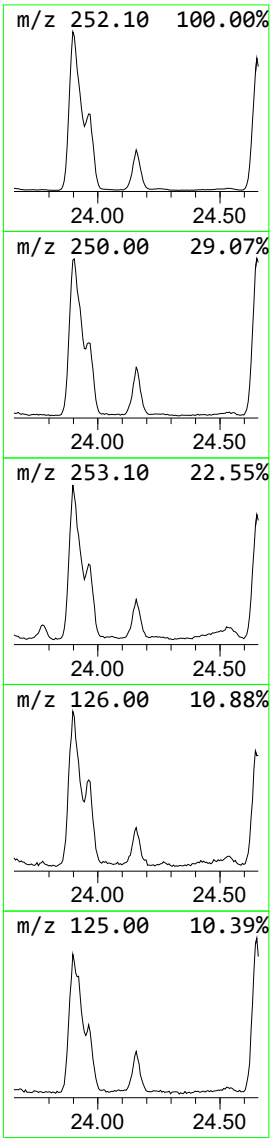
Peak Number 19 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.157	3.13 ng	448284	Perylene-d12	24.962

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024501.D
Acq On : 01 May 2025 20:58
Operator : RC/JU
Sample : Q1912-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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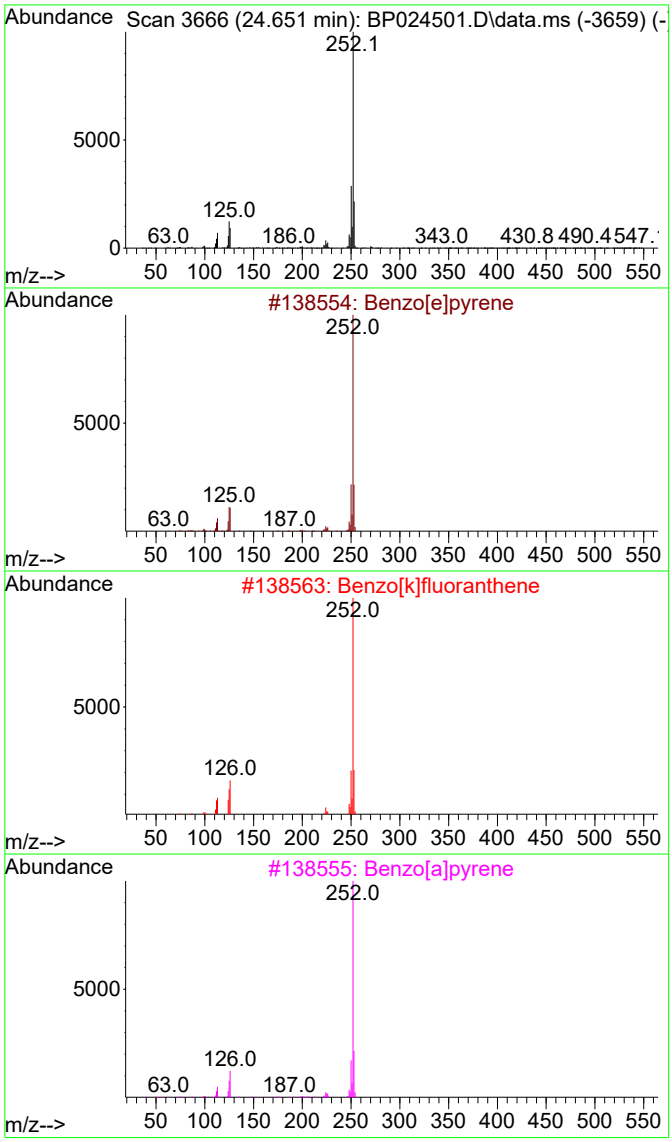
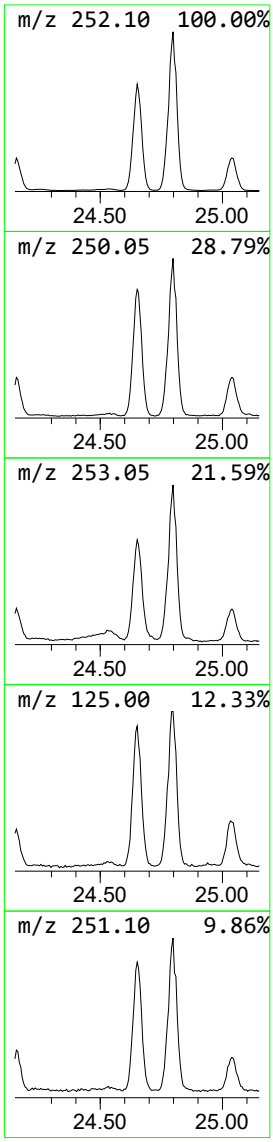
Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.651	12.67 ng	1812750	Perylene-d12	24.962

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024501.D
Acq On : 01 May 2025 20:58
Operator : RC/JU
Sample : Q1912-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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-...	4.875	3.9	ng	275007	1	7.710	1396800	20.0
Benzophenone	15.734	4.3	ng	541028	3	14.345	2492120	20.0
Tridecane, 7-pr...	16.098	3.6	ng	427323	4	17.139	2379840	20.0
Dibenzothiophene	16.963	3.6	ng	424902	4	17.139	2379840	20.0
2-Methyldibenzo...	17.745	3.1	ng	374007	4	17.139	2379840	20.0
Phenanthrene, 1...	18.051	7.5	ng	894699	4	17.139	2379840	20.0
Phenanthrene, 2...	18.098	13.0	ng	1543360	4	17.139	2379840	20.0
Anthracene, 2-m...	18.180	3.3	ng	387396	4	17.139	2379840	20.0
4H-Cyclopenta[d...	18.251	11.3	ng	1340700	4	17.139	2379840	20.0
1H-Indene, 2-ph...	18.292	5.0	ng	600174	4	17.139	2379840	20.0
9,10-Anthracene...	18.616	3.9	ng	466115	4	17.139	2379840	20.0
di-p-Tolylacety...	18.881	3.3	ng	392705	4	17.139	2379840	20.0
9,10-Dimethylan...	19.004	8.3	ng	992228	4	17.139	2379840	20.0
Phenanthrene, 3...	19.057	5.0	ng	593613	4	17.139	2379840	20.0
Cyclopenta(def)...	19.151	6.2	ng	731347	4	17.139	2379840	20.0
Pyrene, 1-methyl-	19.998	4.1	ng	1036770	5	21.598	5064410	20.0
Pyrene, 4-methyl-	20.339	4.2	ng	1057140	5	21.598	5064410	20.0
Benz[a]anthrace...	22.369	4.4	ng	1114750	5	21.598	5064410	20.0
Benzo[e]pyrene	24.157	3.1	ng	448284	6	24.962	2862030	20.0
Perylene	24.651	12.7	ng	1812750	6	24.962	2862030	20.0