LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048482.D
Acq On : 23 Mar 2021 23:14
Operator : CG/JU
Sample : M1766-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-032221

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_G\METHODS\8270-BG031821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048482.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.178	307	313	322	rVB	19390	34796	1.55%	0.101%
2	5.654	387	394	406	rVB	444752	744573	33.13%	2.152%
3	7.252	658	666	676	rBV	489733	857836	38.17%	2.479%
4	8.104	802	811	819	rBV	250694	406049	18.07%	1.173%
5	9.267	1001	1009	1017	rVB	317177	542244	24.13%	1.567%
6	10.924	1280	1291	1296	rBV	325085	572934	25.49%	1.656%
7	10.977	1296	1300	1306	rVB2	48015	86479	3.85%	0.250%
8	12.575	1566	1572	1580	rVB	81152	130899	5.82%	0.378%
9	12.793	1600	1609	1617	rVB	86249	148279	6.60%	0.428%
10	13.362	1699	1706	1717	rVB	773721	1187043	52.82%	3.430%
11	13.574	1737	1742	1748	rVB4	18409	33347	1.48%	0.096%
12	13.774	1772	1776	1786	rVB4	15762	43591	1.94%	0.126%
13	13.909	1790	1799	1800	rBV3	54948	89699	3.99%	0.259%
14	14.062	1817	1825	1831	rBV2	115678	229775	10.22%	0.664%
15	14.115	1831	1834	1841	rVB2	63942	95310	4.24%	0.275%
16	14.179	1841	1845	1855	rVB6	20526	45475	2.02%	0.131%
17	14.297	1859	1865	1869	rBV2	61460	103500	4.61%	0.299%
18	14.467	1889	1894	1904	rBV3	62104	120763	5.37%	0.349%
19	14.743	1931	1941	1947	rBV	477527	806074	35.87%	2.329%
20	14.808	1947	1952	1959	rVV	128082	222236	9.89%	0.642%
21	14.949	1970	1976	1984	rBV3	30282	78546	3.50%	0.227%
22	15.043	1984	1992	1997	rBV9	16422	46287	2.06%	0.134%
23	15.137	1997	2008	2016	rVB3	144183	251034	11.17%	0.725%
24	15.213	2016	2021	2026	rBV2	72990	112363	5.00%	0.325%
25	15.354	2039	2045	2050	rBV2	58567	116884	5.20%	0.338%
26	15.407	2050	2054	2060	rVB	55287	79669	3.55%	0.230%
27	15.525	2067	2074	2078	rBV4	43094	104849	4.67%	0.303%
28	15.560	2078	2080	2086	rVB4	34022	46180	2.05%	0.133%
29	15.701	2100	2104	2108	rVB4	22480	29457	1.31%	0.085%
30	15.789	2113	2119	2129	rVB2	237061	408256	18.17%	1.180%
31	15.912	2137	2140	2143	rVV3	23997	33125	1.47%	0.096%
32	15.954	2143	2147	2151	rVB4	29671	45732	2.03%	0.132%
33	16.001	2151	2155	2159	rBV6	24819	41008	1.82%	0.118%
34	16.077	2164	2168	2176	rVB2	55373	107549	4.79%	0.311%
35	16.230	2186	2194	2203	rBV2	666055	1037047	46.15%	2.997%
36	16.318	2203	2209	2216	rVB3	22338	54670	2.43%	0.158%

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Sample : M1766-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-032221

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_G\METHODS\8270-BG031821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.465	2226	2234	2239	rBV3	60653	114274	5.08%	0.330%
38	16.600	2252	2257	2262	rBV3	28907	46807	2.08%	0.135%
39	16.794	2282	2290	2294	rVV4	93821	208923	9.30%	0.604%
40	16.841	2294	2298	2304	rVB	67892	104978	4.67%	0.303%
41	16.946	2312	2316	2321	rVB2	54416	74183	3.30%	0.214%
42	17.017	2321	2328	2332	rBV6	38126	89719	3.99%	0.259%
43	17.146	2345	2350	2355	rVB2	83269	136724	6.08%	0.395%
44	17.229	2359	2364	2369	rVV6	33595	75699	3.37%	0.219%
45	17.311	2373	2378	2385	rVB	143285	224853	10.01%	0.650%
46	17.493	2403	2409	2412	rBV	539053	815427	36.28%	2.356%
47	17.540	2412	2417	2423	rVV	1505907	2247356	100.00%	6.494%
48	17.628	2427	2432	2436	rVB	205548	296873	13.21%	0.858%
49	17.681	2436	2441	2446	rBV3	64122	108490	4.83%	0.313%
50	17.763	2452	2455	2459	rBV5	27779	47741	2.12%	0.138%
51	17.892	2472	2477	2482	rBV2	86963	149210	6.64%	0.431%
52	18.010	2494	2497	2501	rVV	31669	44869	2.00%	0.130%
53	18.075	2504	2508	2515	rVB	140278	222622	9.91%	0.643%
54	18.216	2528	2532	2540	rVB	78376	154991	6.90%	0.448%
55	18.292	2541	2545	2550	rBV3	37726	66874	2.98%	0.193%
56	18.374	2553	2559	2563	rVV	524587	825096	36.71%	2.384%
57	18.421	2563	2567	2572	rVB	557702	798142	35.51%	2.306%
58	18.498	2575	2580	2586	rBV2	98515	181006	8.05%	0.523%
59	18.562	2586	2591	2595	rVV3	431812	826475	36.78%	2.388%
60	18.603	2595	2598	2604	rVB	315965	427836	19.04%	1.236%
61	18.674	2606	2610	2613	rBV5	38621	57063	2.54%	0.165%
62	18.709	2613	2616	2620	rVV4	27526	42430	1.89%	0.123%
63	18.762	2621	2625	2629	rVB2	50777	77060	3.43%	0.223%
64	18.868	2638	2643	2646	rBV2	180247	259960	11.57%	0.751%
65	18.903	2646	2649	2660	rVB3	186782	348463	15.51%	1.007%
66	18.991	2661	2664	2666	rBV2	32118	41834	1.86%	0.121%
67	19.079	2676	2679	2680	rBV2	53989	49897	2.22%	0.144%
68	19.109	2681	2684	2688	rVV	138050	181198	8.06%	0.524%
69	19.162	2689	2693	2696	rVV	183516	237347	10.56%	0.686%
70	19.197	2696	2699	2704	rVB	135503	188690	8.40%	0.545%
71	19.285	2708	2714	2718	rBV	403514	659278	29.34%	1.905%
72	19.338	2718	2723	2727	rVV4	147017	302213	13.45%	0.873%
73	19.373	2727	2729	2733	rVB2	130079	137846	6.13%	0.398%
74	19.420	2733	2737	2744	rBV3	176329	362604	16.13%	1.048%
75	19.543	2753	2758	2764	rVB	1357025	1914659	85.20%	5.533%
76	19.602	2765	2768	2771	rVV2	80450	115134	5.12%	0.333%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048482.D
Acq On : 23 Mar 2021 23:14
Operator : CG/JU
Sample : M1766-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-032221

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.637	2771	2774	2779	rVB2	111260	152783	6.80%	0.441%
78	19.737	2787	2791	2794	rVB3	69579	90475	4.03%	0.261%
79	19.784	2796	2799	2802	rBV2	76577	95239	4.24%	0.275%
80	19.872	2810	2814	2816	rBV	216073	303803	13.52%	0.878%
81	19.908	2816	2820	2827	rVB	1385186	2091833	93.08%	6.045%
82	19.978	2827	2832	2837	rVB2	214668	347610	15.47%	1.004%
83	20.102	2838	2853	2857	rBV	1259941	1895006	84.32%	5.476%
84	20.225	2869	2874	2885	rBV4	167134	484154	21.54%	1.399%
85	20.307	2885	2888	2892	rVV6	41118	76060	3.38%	0.220%
86	20.360	2893	2897	2898	rVV3	146916	182881	8.14%	0.528%
87	20.395	2900	2903	2908	rVB	339663	450221	20.03%	1.301%
88	20.495	2917	2920	2924	rVB	167827	208411	9.27%	0.602%
89	20.554	2925	2930	2934	rVV2	297046	450293	20.04%	1.301%
90	20.595	2934	2937	2940	rVB3	72085	86857	3.86%	0.251%
91	20.695	2950	2954	2958	rBV	244259	345869	15.39%	0.999%
92	20.742	2958	2962	2965	rVV	178849	241327	10.74%	0.697%
93	21.165	3030	3034	3041	rVB	191976	330764	14.72%	0.956%
94	21.265	3048	3051	3057	rVB	76007	108010	4.81%	0.312%
95	21.330	3058	3062	3063	rBV2	114018	136215	6.06%	0.394%
96	21.776	3131	3138	3144	rBV3	732352	1943559	86.48%	5.616%
97	21.835	3144	3148	3160	rVB	533557	943722	41.99%	2.727%
98	22.610	3277	3280	3287	rVB	127384	194016	8.63%	0.561%
99	24.068	3521	3528	3535	rBV	180121	569825	25.36%	1.647%
100	25.125	3702	3708	3716	rBV2	213740	519356	23.11%	1.501%

Sum of corrected areas: 34606691

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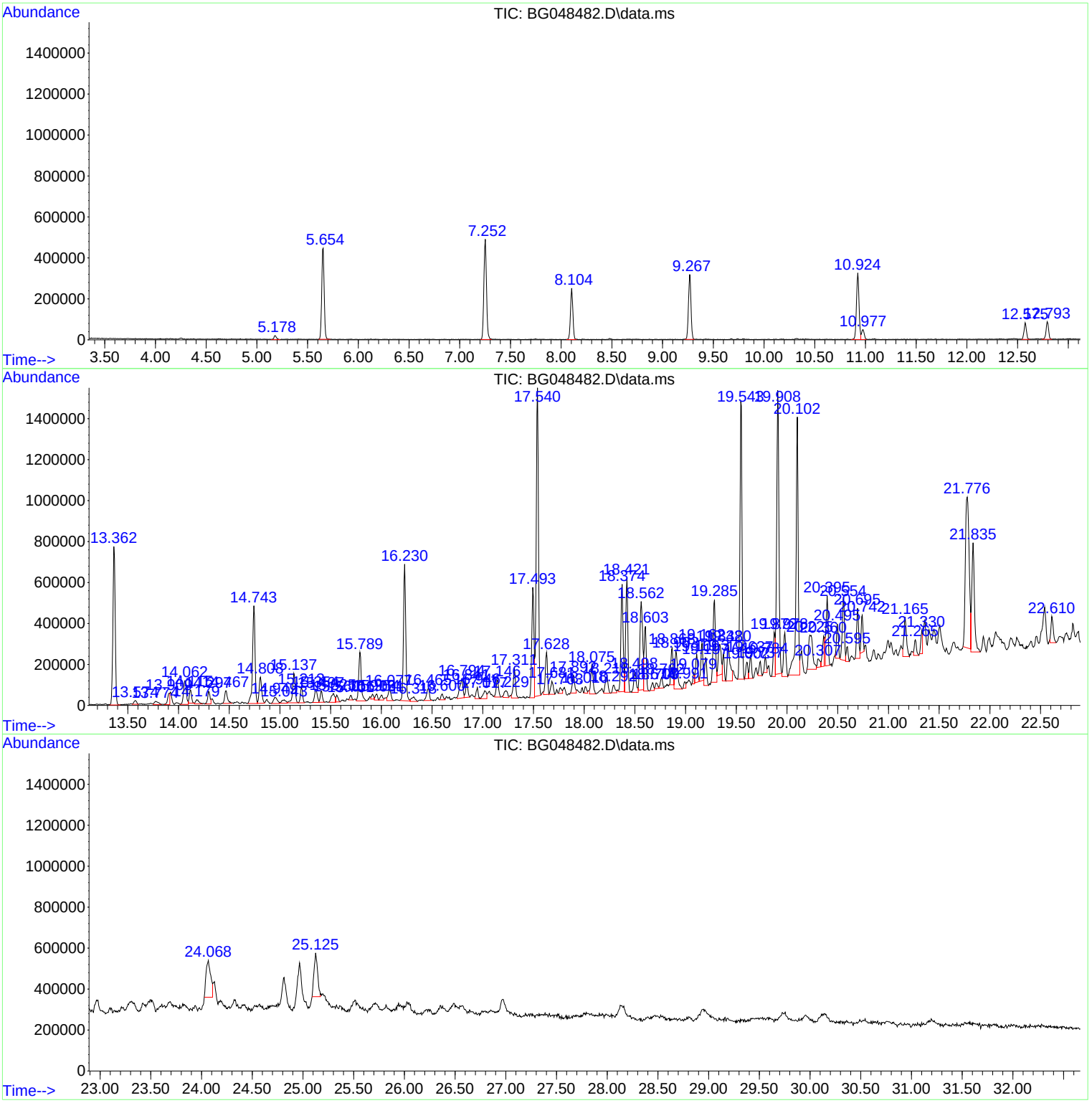
Instrument :
BNA_G
ClientSampleId :
OK-03-032221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
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BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

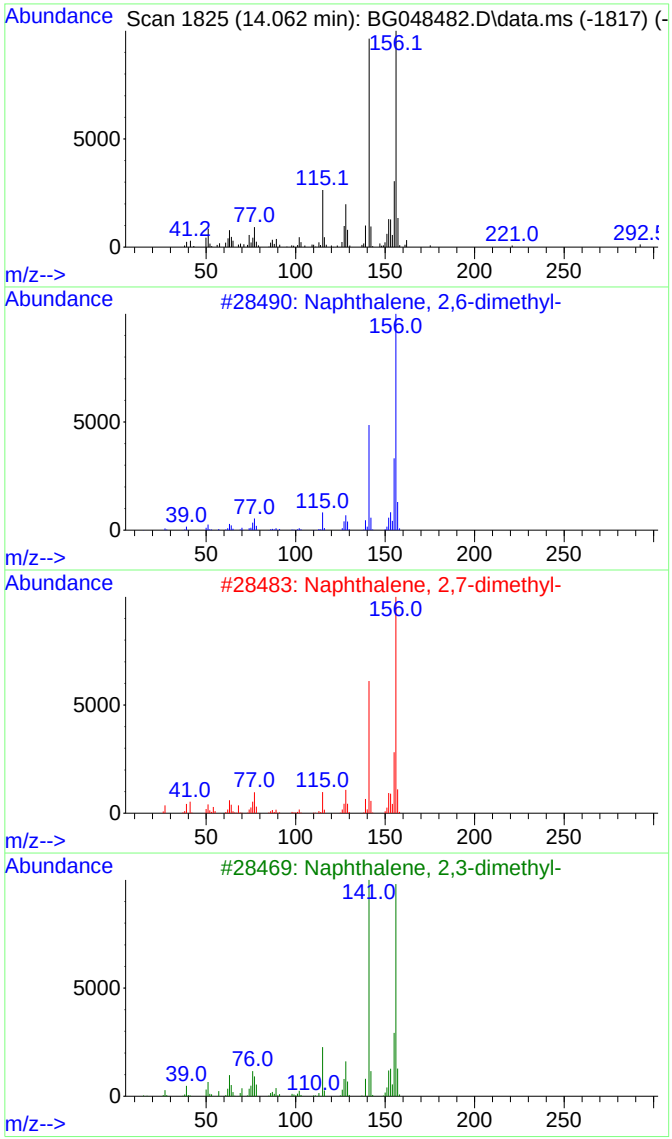
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

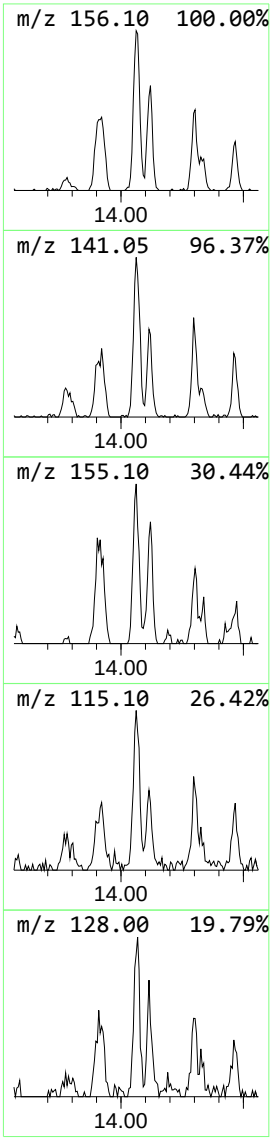
****

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.062	5.70 ng	229775	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
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Acq On : 23 Mar 2021 23:14
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Sample : M1766-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-032221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

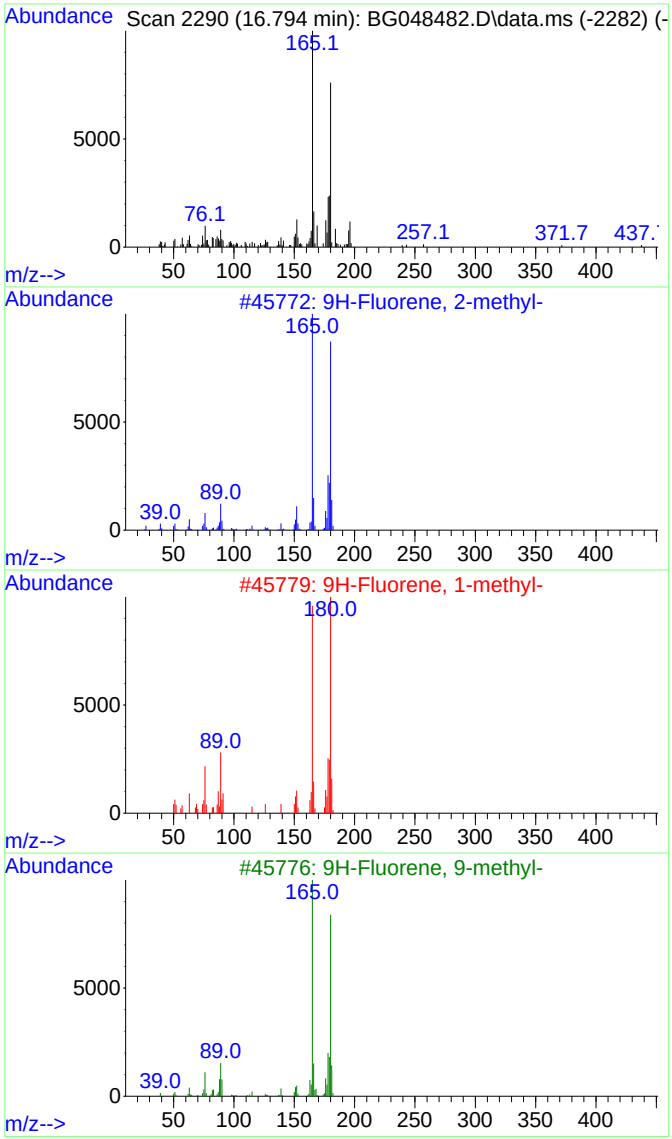
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

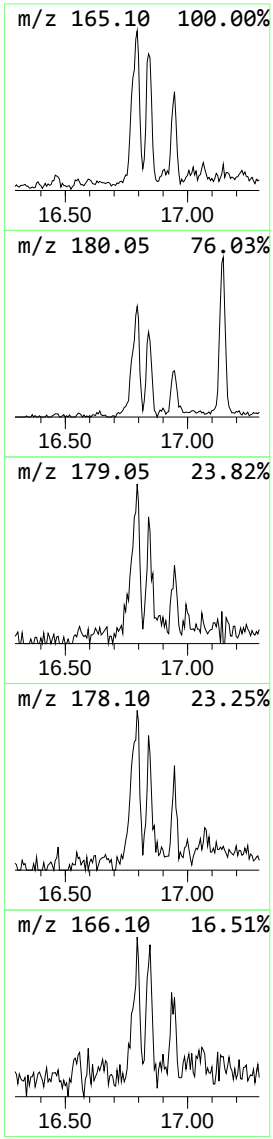
****

Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.794	5.12 ng	208923	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
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Operator : CG/JU
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Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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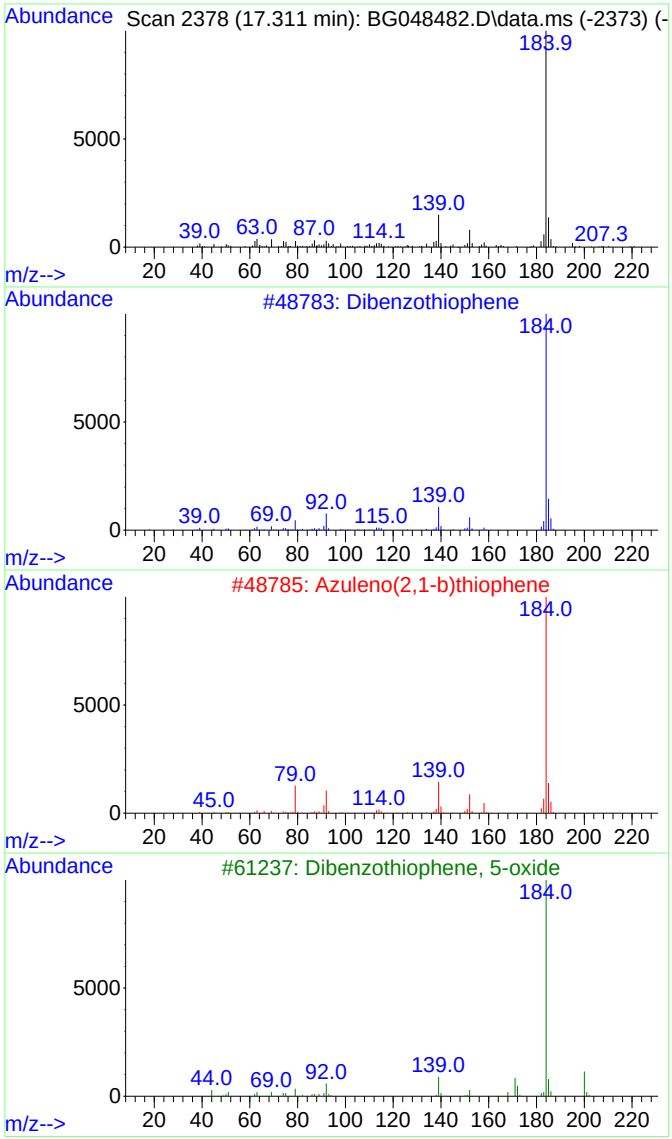
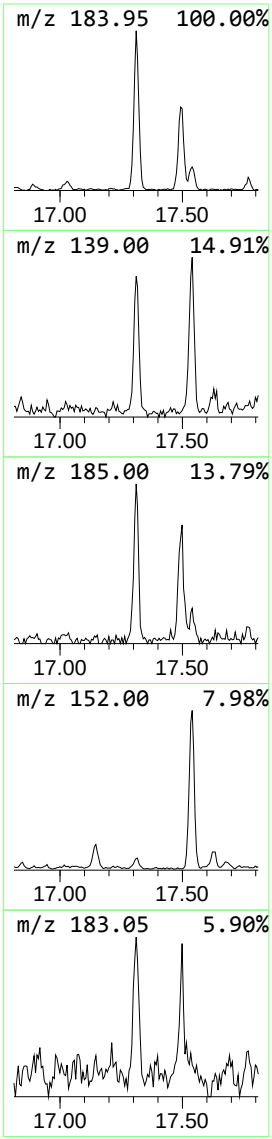
Peak Number 3 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.311	5.51 ng	224853	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	90
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
3	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	78
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	74
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	72





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Operator : CG/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-032221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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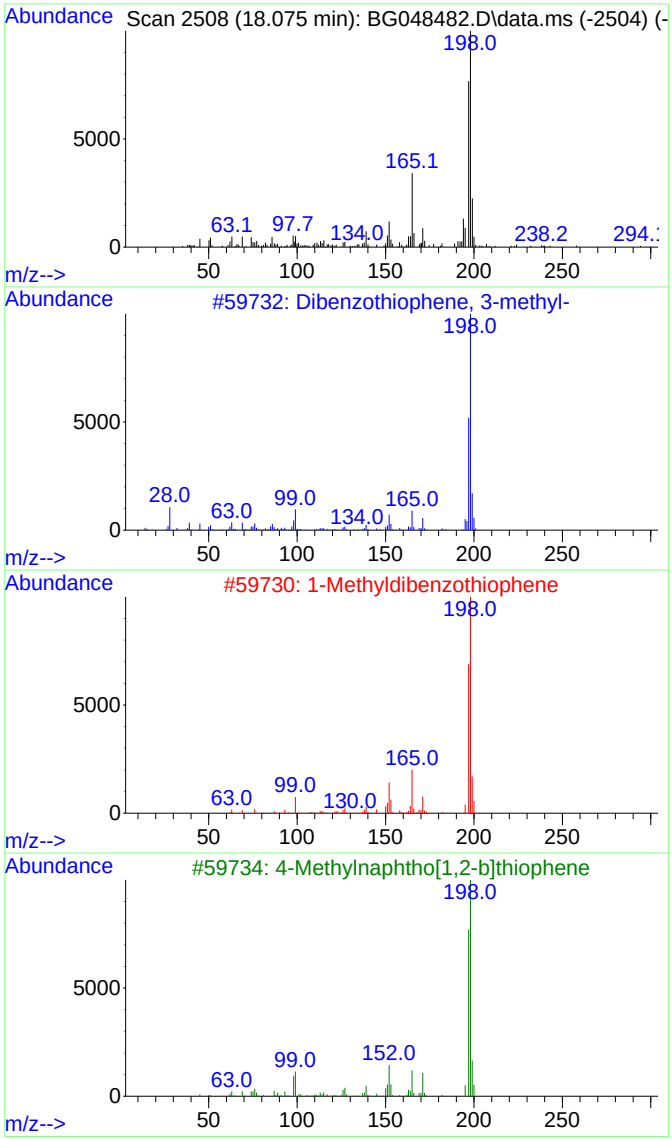
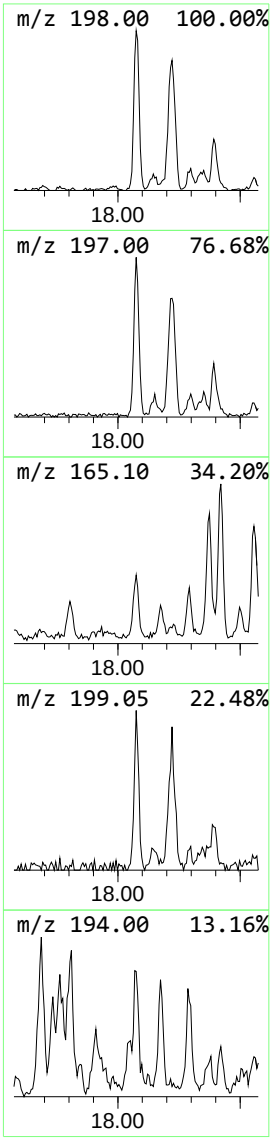
Peak Number 4 Dibenzothiophene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	5.46 ng	222622	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	83
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	80
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	72
4	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	64
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048482.D
Acq On : 23 Mar 2021 23:14
Operator : CG/JU
Sample : M1766-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-032221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

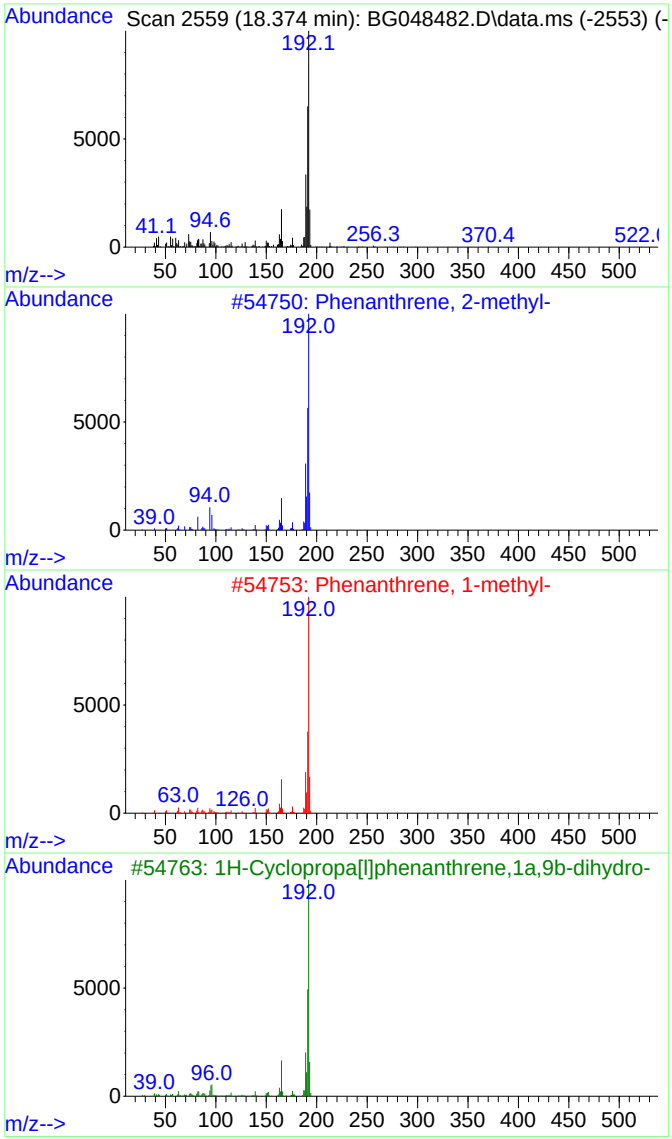
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

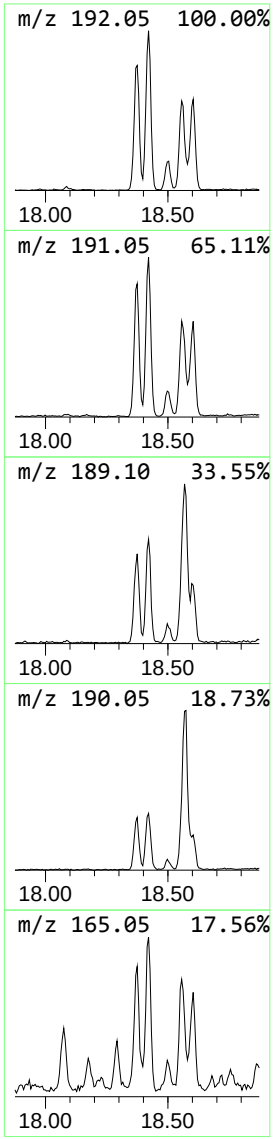
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	20.24 ng	825096	Phenanthrene-d10	17.493

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





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Acq On : 23 Mar 2021 23:14
Operator : CG/JU
Sample : M1766-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-032221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

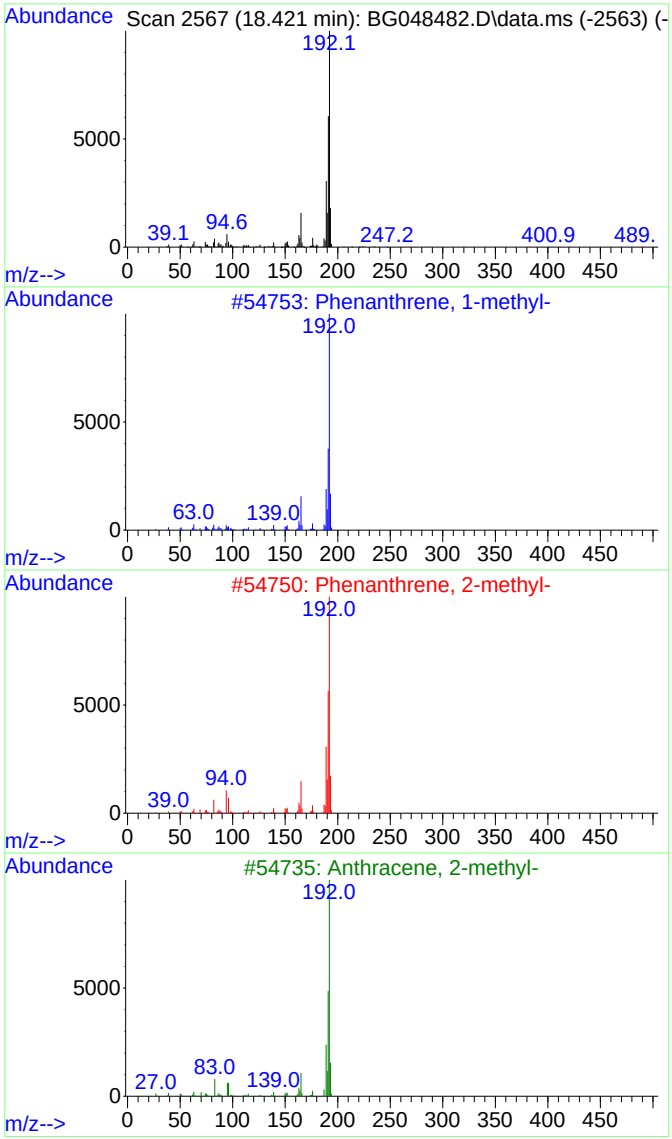
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

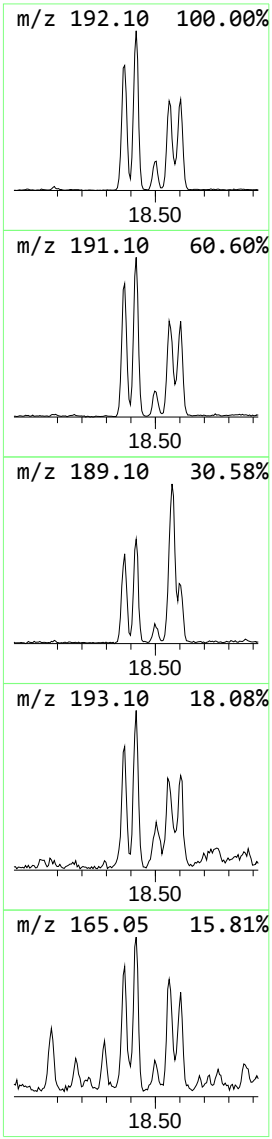
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.421	19.58 ng	798142	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Sample : M1766-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-03-032221

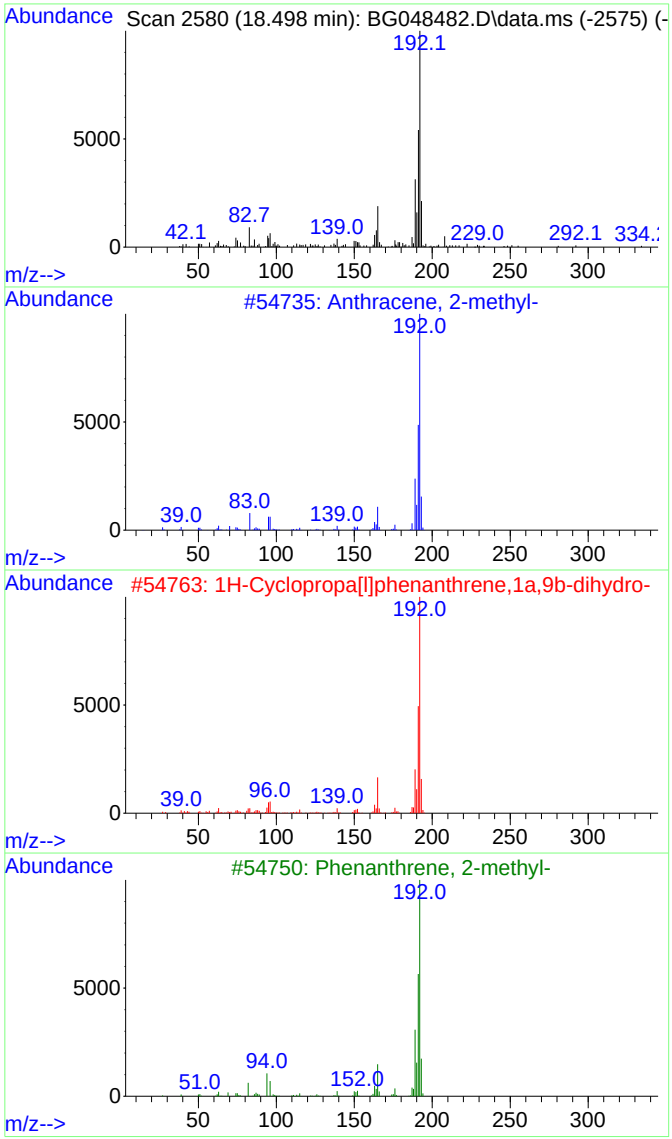
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

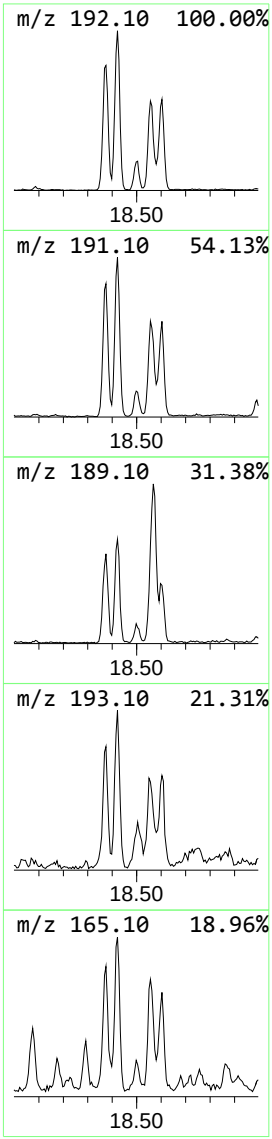
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.498	4.44 ng	181006	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





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Sample : M1766-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-03-032221

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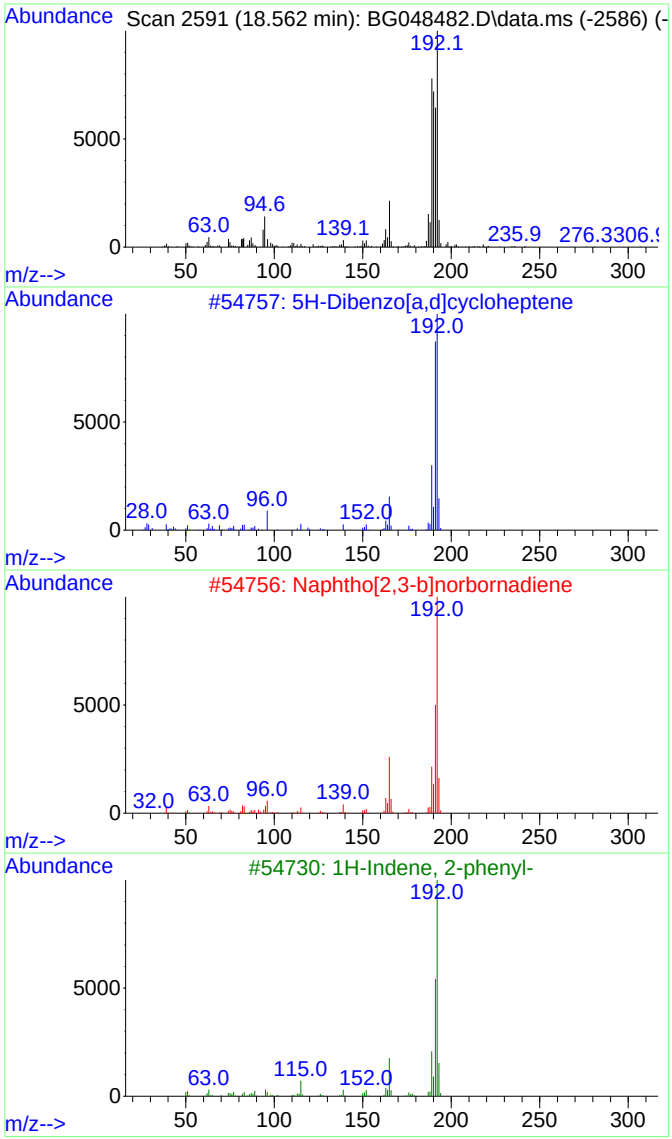
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

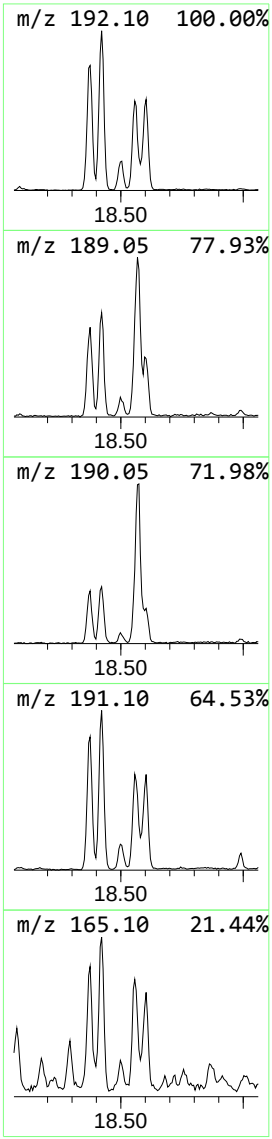
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 5H-Dibenzo[a,d]cycloheptene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.562	20.27 ng	826475	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	50
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	49
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46





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Sample : M1766-01 2X
Misc :
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Instrument : BNA_G
ClientSampleId : OK-03-032221

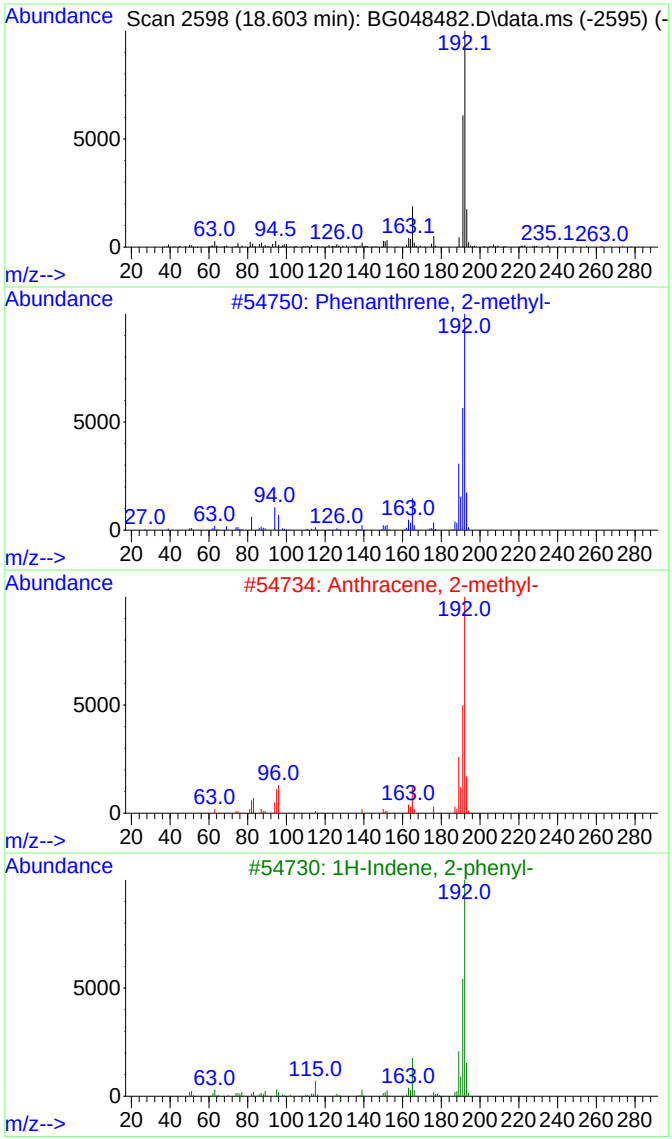
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

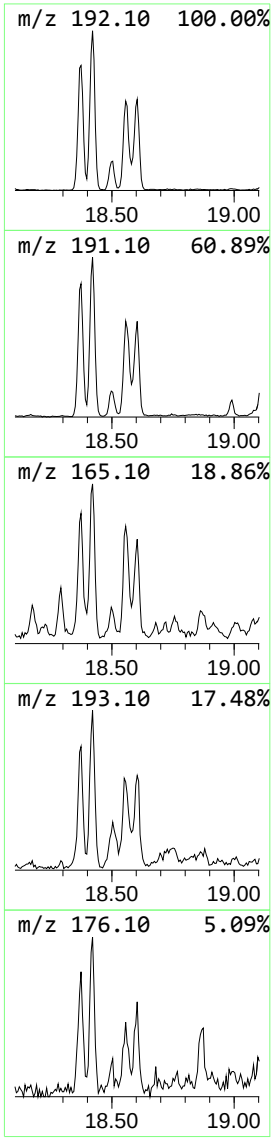
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.603	10.49 ng	427836	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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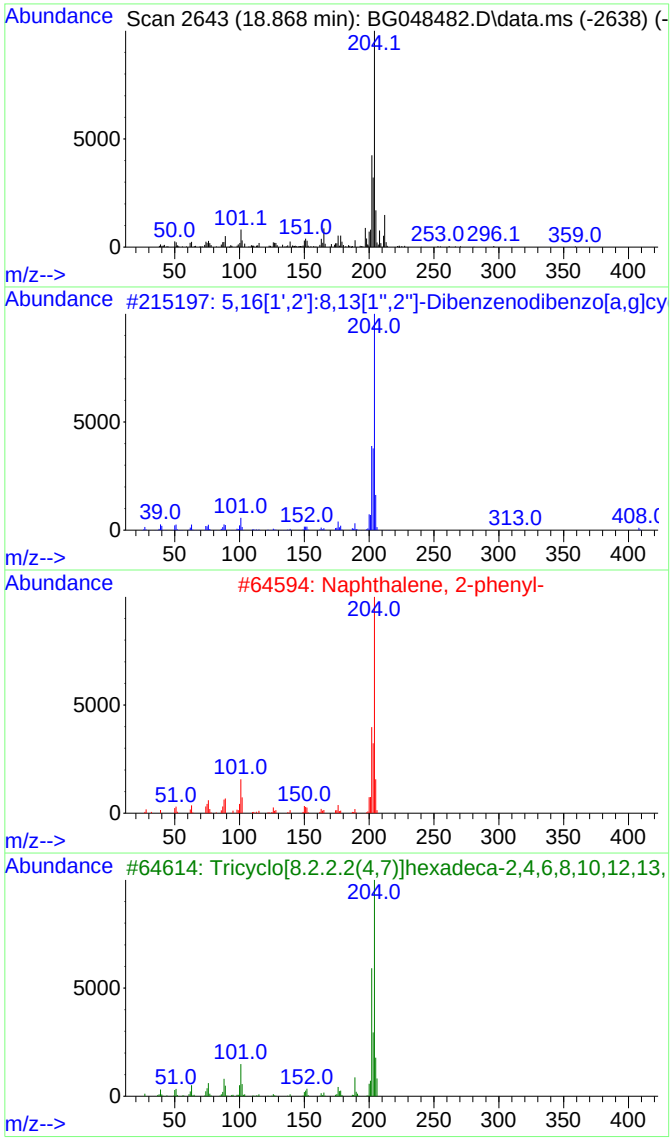
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

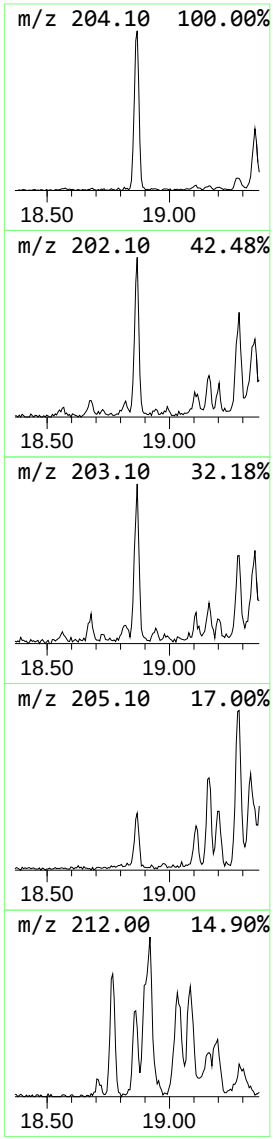
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.868	6.38 ng	259960	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	46





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

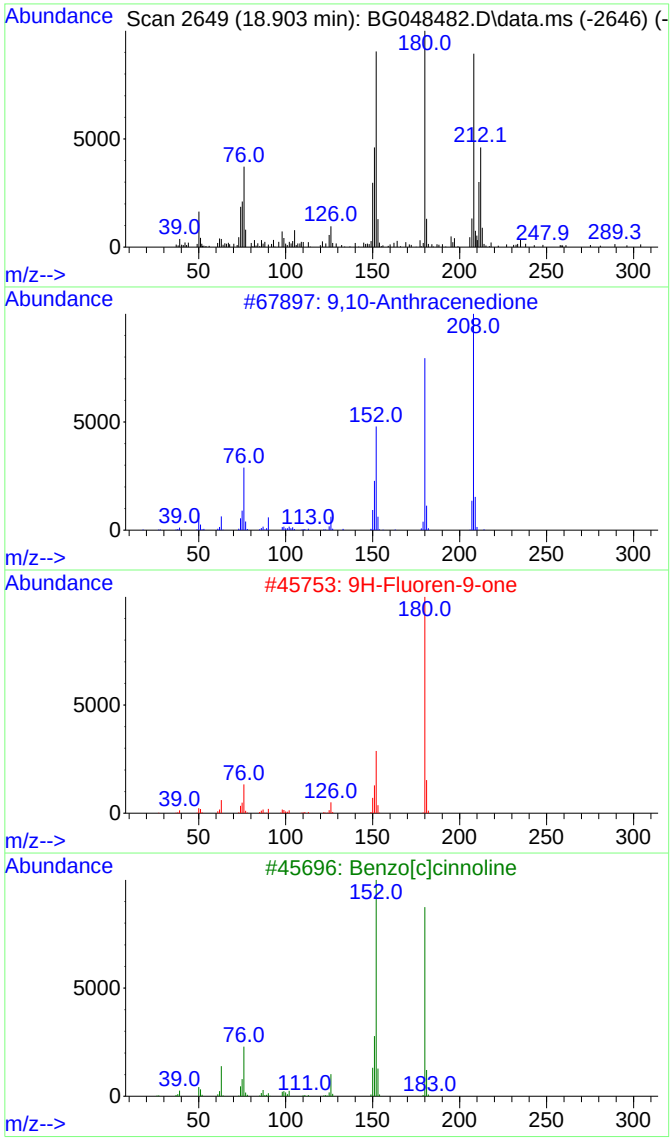
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

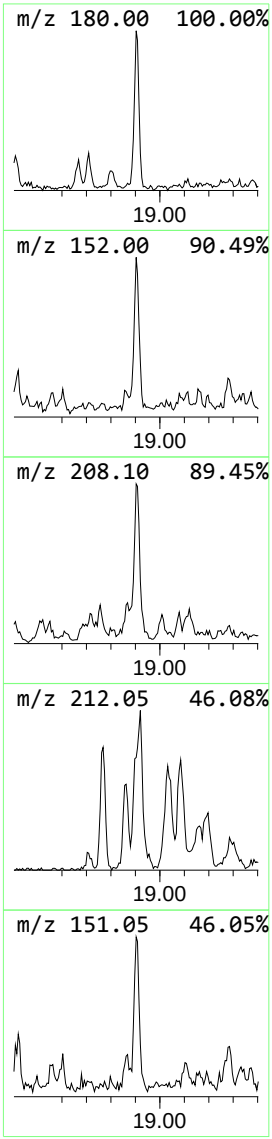
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.903	8.55 ng	348463	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	50
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	43
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	43





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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

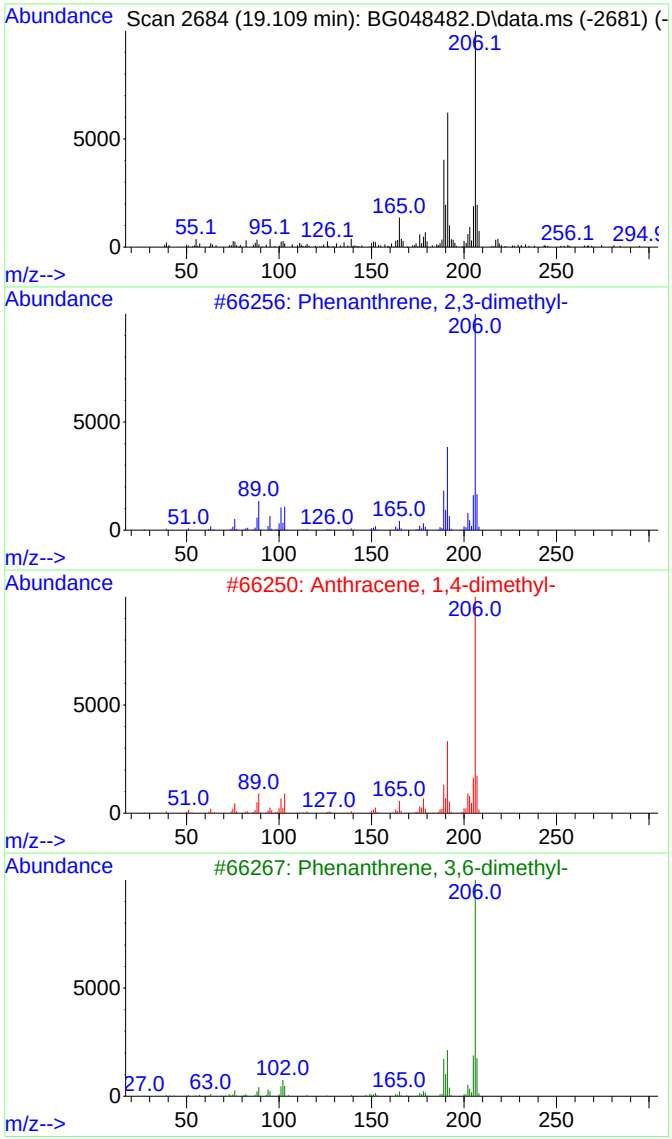
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

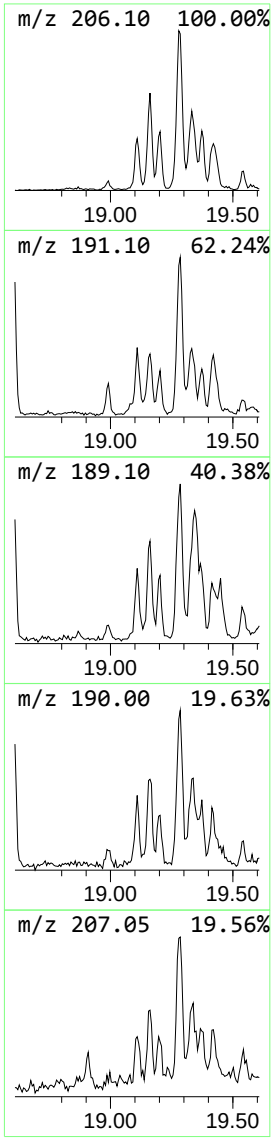
****

Peak Number 12 Phenanthrene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.109	4.44 ng	181198	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	80
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	76





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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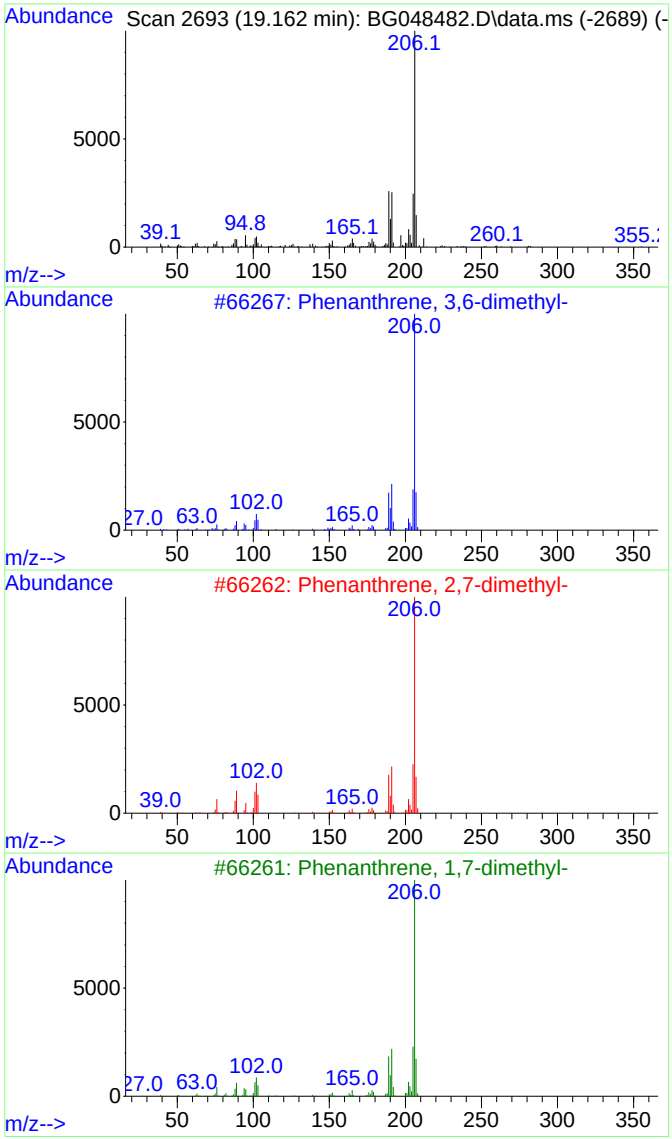
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

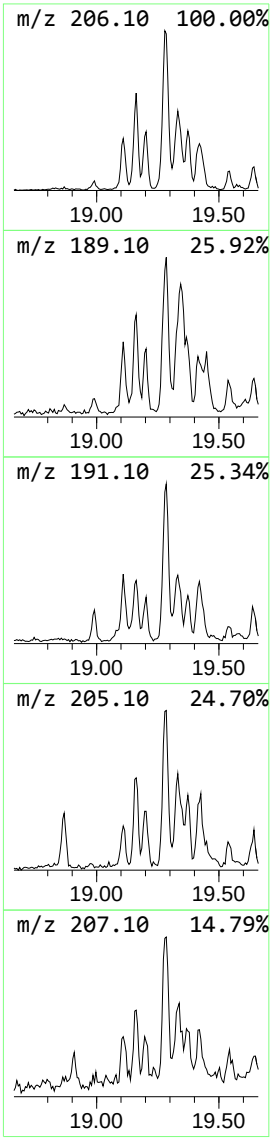
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.162	5.82 ng	237347	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	59





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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\NIST11.L
TIC Integration Parameters: LSCINT.P

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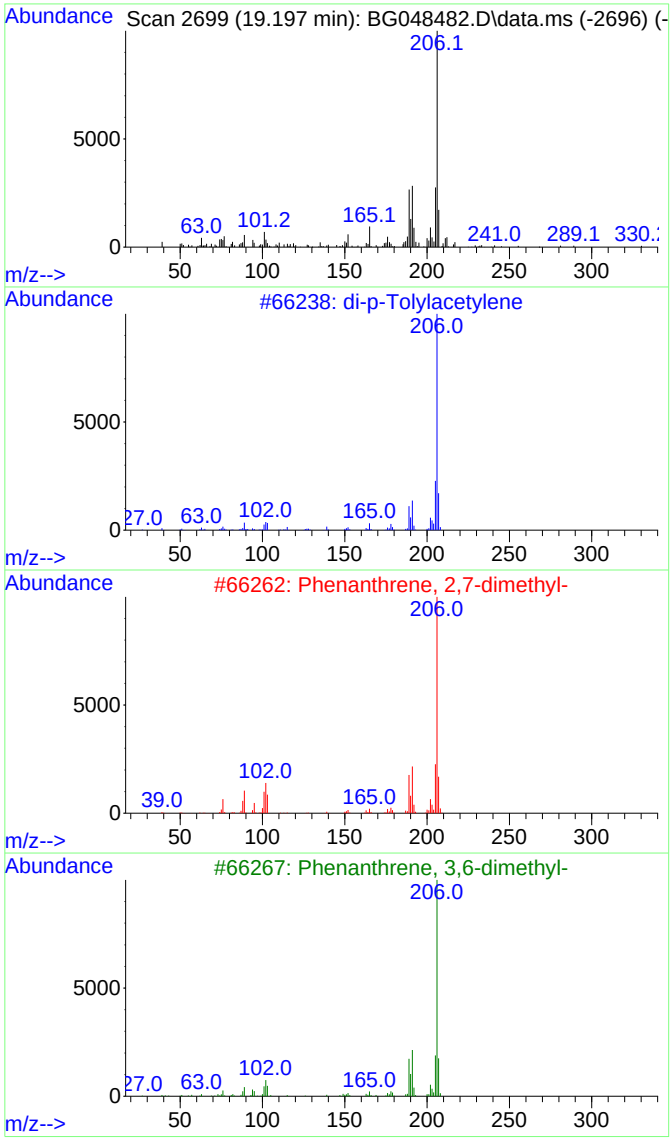
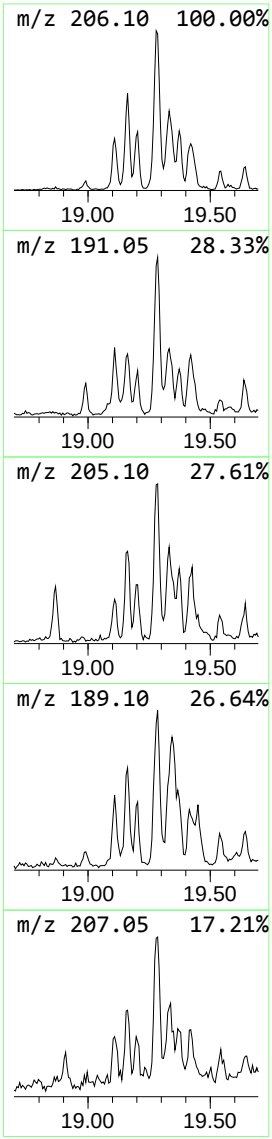
Peak Number 14 di-p-Tolylacetylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.197	4.63 ng	188690	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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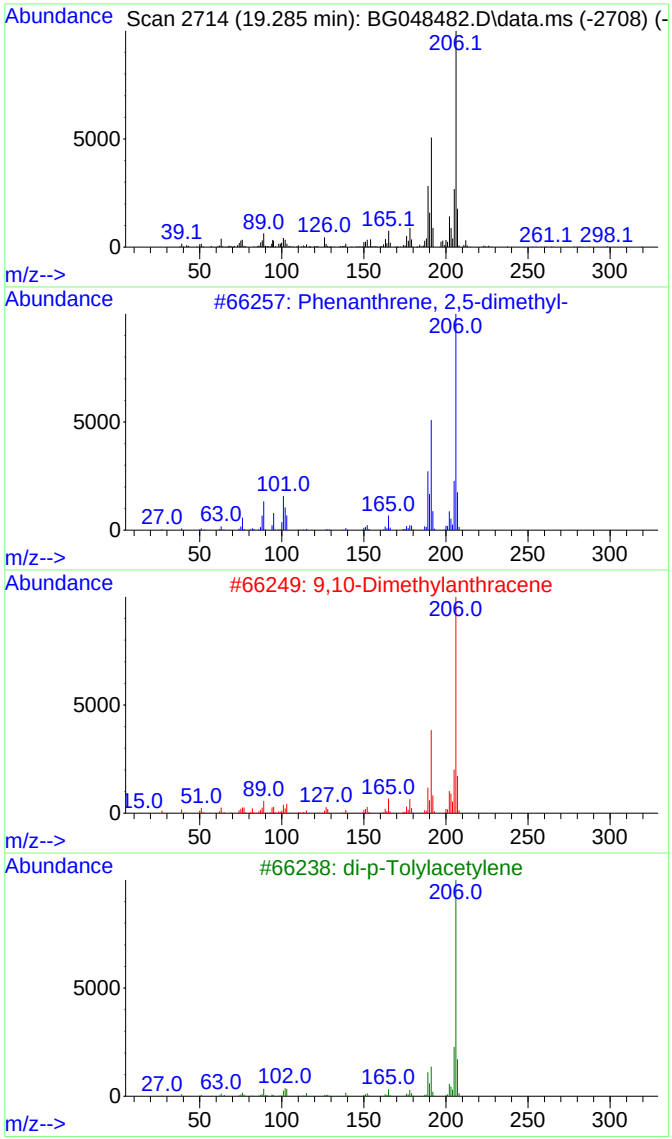
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

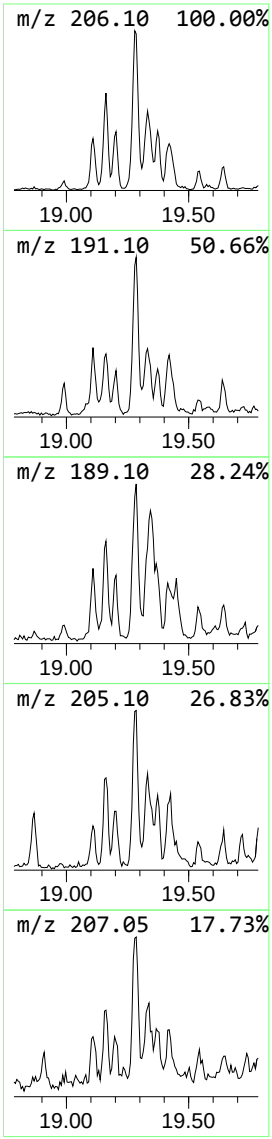
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.285	16.17 ng	659278	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId : OK-03-032221

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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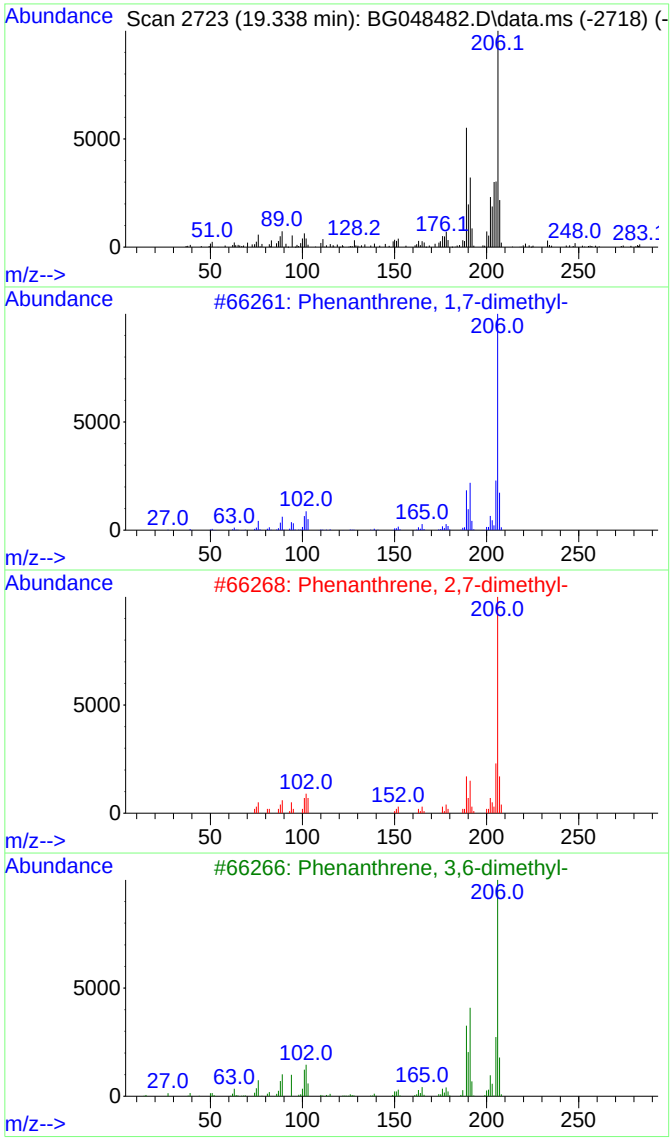
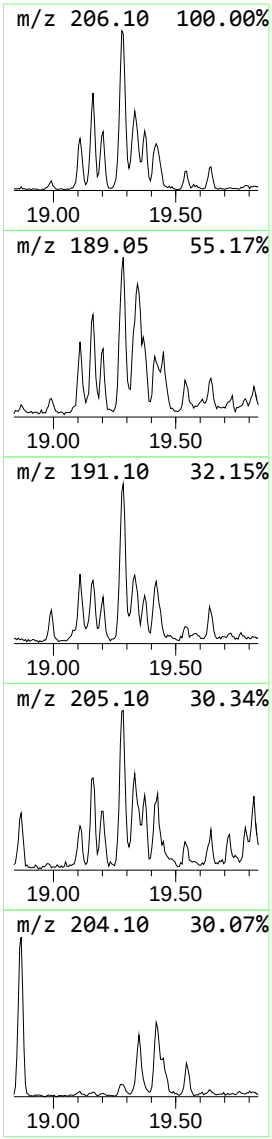
Peak Number 16 Phenanthrene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.338	7.41 ng	302213	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	60
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	55
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	53





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Sample : M1766-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-032221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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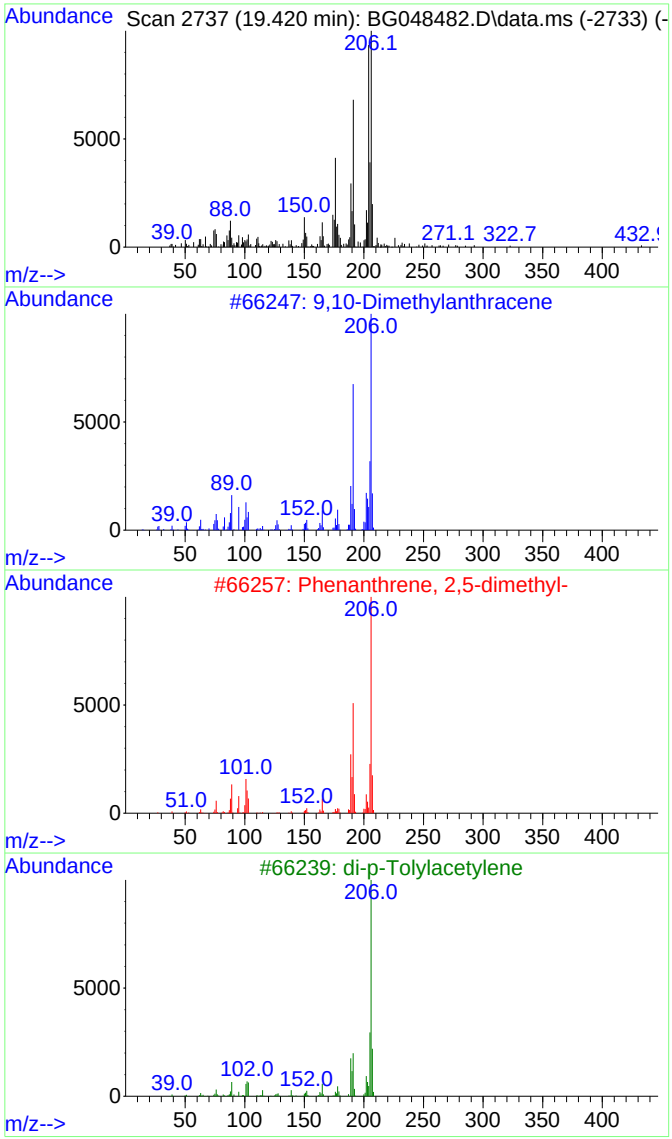
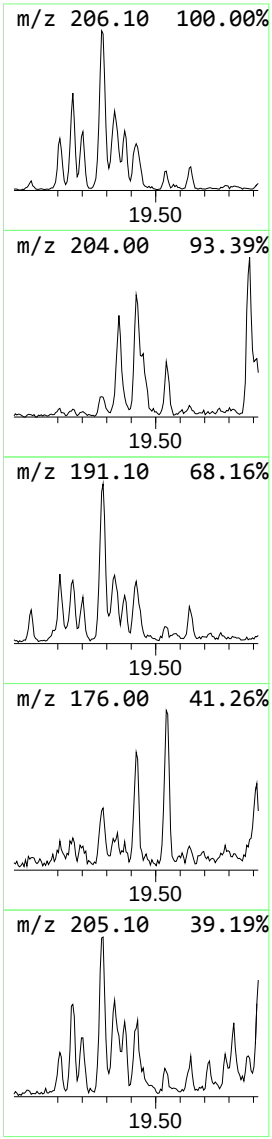
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.420	8.89 ng	362604	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	55
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	55
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048482.D
Acq On : 23 Mar 2021 23:14
Operator : CG/JU
Sample : M1766-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-032221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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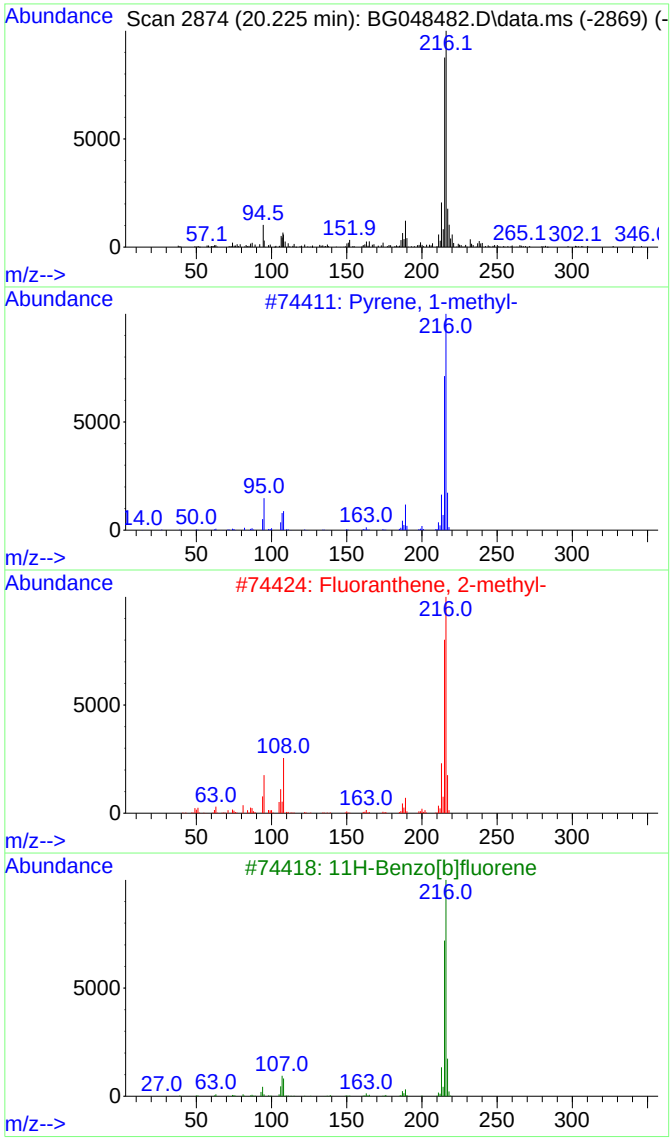
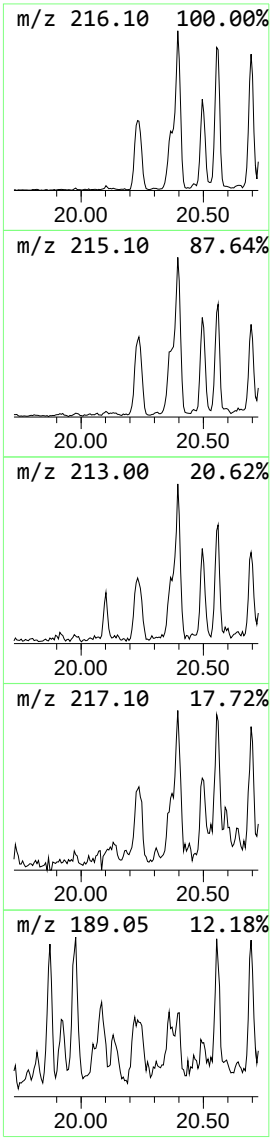
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.225	4.98 ng	484154	Chrysene-d12	21.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Data File : BG048482.D
Acq On : 23 Mar 2021 23:14
Operator : CG/JU
Sample : M1766-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-032221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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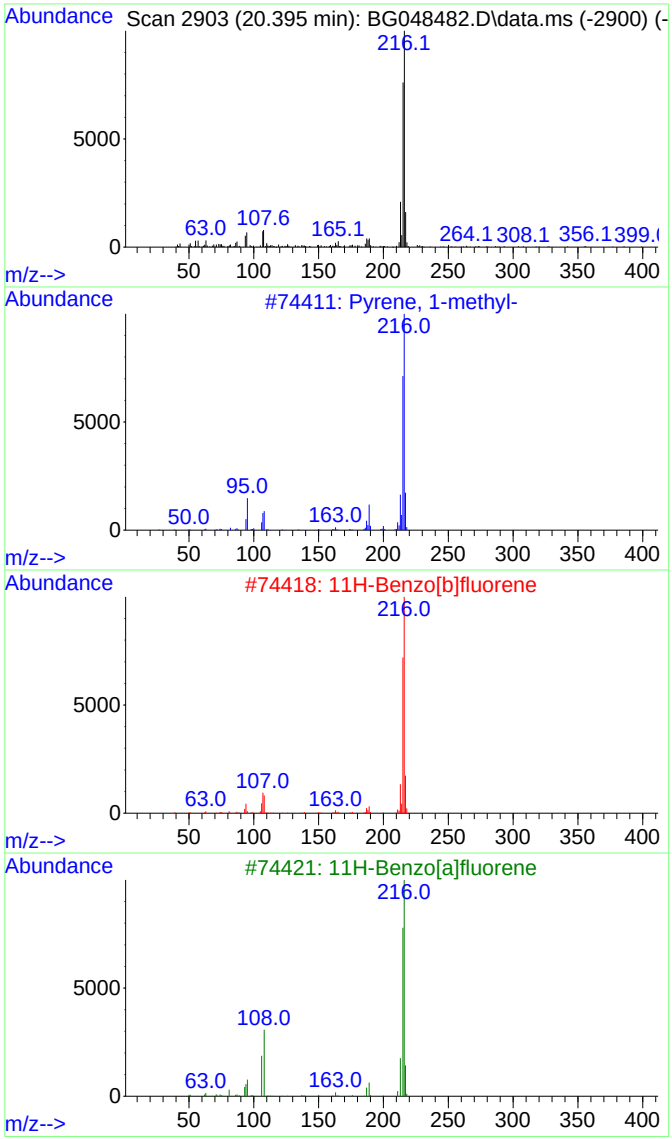
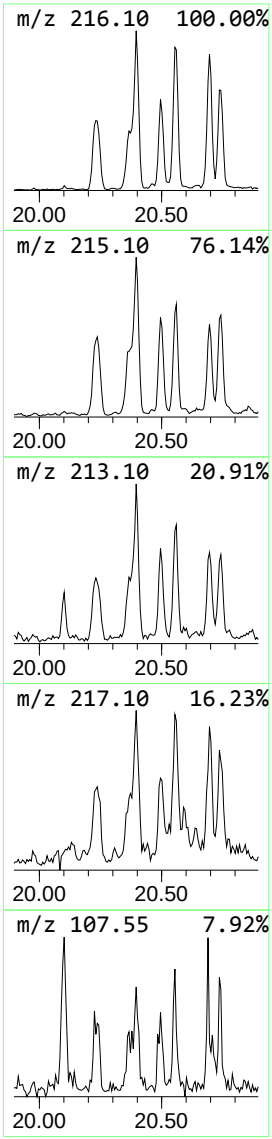
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.395	4.63 ng	450221	Chrysene-d12	21.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048482.D
Acq On : 23 Mar 2021 23:14
Operator : CG/JU
Sample : M1766-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-032221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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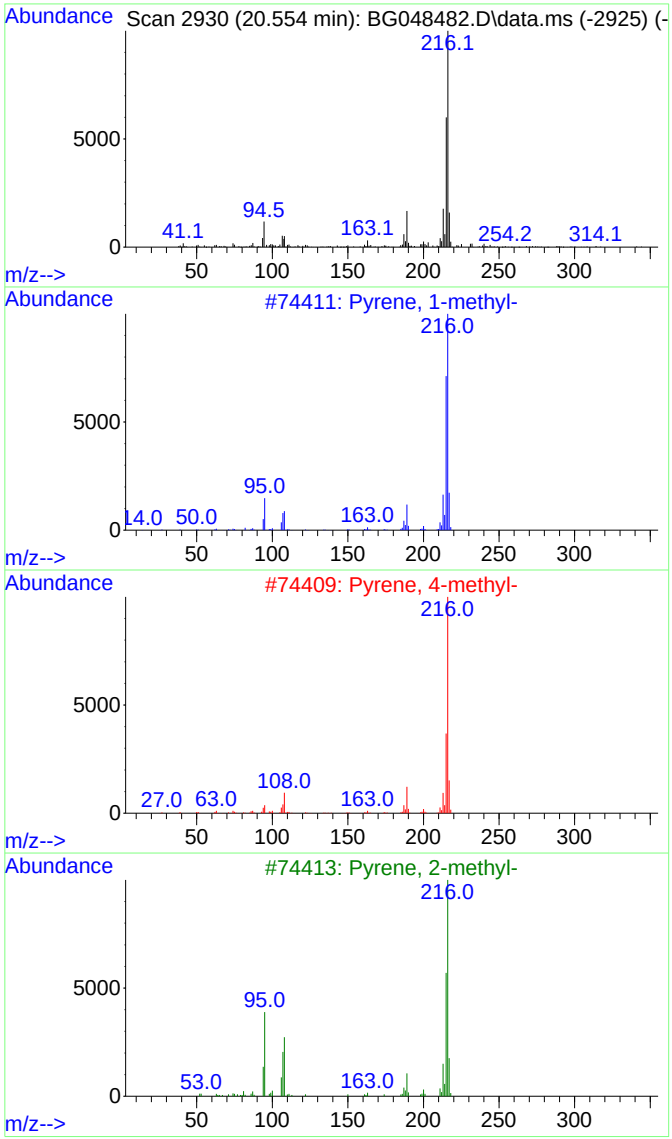
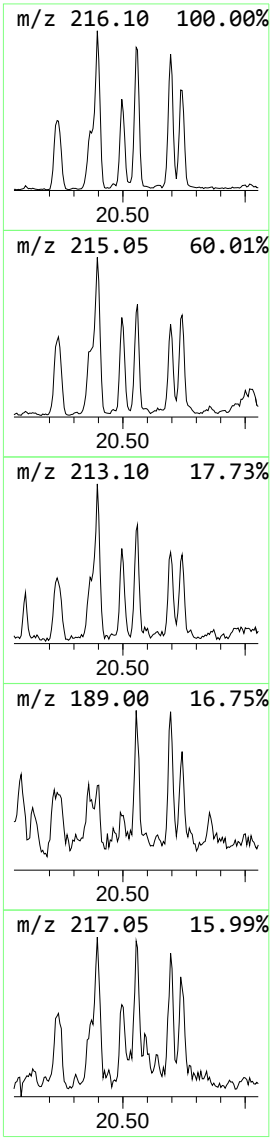
Peak Number 20 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.554	4.63 ng	450293	Chrysene-d12	21.788

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	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048482.D
Acq On : 23 Mar 2021 23:14
Operator : CG/JU
Sample : M1766-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-032221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 2,...	14.062	5.7	ng	229775	3	14.743	806074	20.0
9H-Fluorene, 2-...	16.794	5.1	ng	208923	4	17.493	815427	20.0
Dibenzothiophene	17.311	5.5	ng	224853	4	17.493	815427	20.0
Dibenzothiophen...	18.075	5.5	ng	222622	4	17.493	815427	20.0
Phenanthrene, 2...	18.374	20.2	ng	825096	4	17.493	815427	20.0
Phenanthrene, 1...	18.421	19.6	ng	798142	4	17.493	815427	20.0
Anthracene, 2-m...	18.498	4.4	ng	181006	4	17.493	815427	20.0
5H-Dibenzo[a,d]...	18.562	20.3	ng	826475	4	17.493	815427	20.0
1H-Indene, 2-ph...	18.603	10.5	ng	427836	4	17.493	815427	20.0
5,16[1',2']:8,1...	18.868	6.4	ng	259960	4	17.493	815427	20.0
9,10-Anthracene...	18.903	8.6	ng	348463	4	17.493	815427	20.0
Phenanthrene, 2...	19.109	4.4	ng	181198	4	17.493	815427	20.0
Phenanthrene, 3...	19.162	5.8	ng	237347	4	17.493	815427	20.0
di-p-Tolylacety...	19.197	4.6	ng	188690	4	17.493	815427	20.0
Phenanthrene, 2...	19.285	16.2	ng	659278	4	17.493	815427	20.0
Phenanthrene, 1...	19.338	7.4	ng	302213	4	17.493	815427	20.0
9,10-Dimethylan...	19.420	8.9	ng	362604	4	17.493	815427	20.0
Pyrene, 1-methyl-	20.225	5.0	ng	484154	5	21.788	1943560	20.0
11H-Benzo[b]flu...	20.395	4.6	ng	450221	5	21.788	1943560	20.0
Pyrene, 4-methyl-	20.554	4.6	ng	450293	5	21.788	1943560	20.0