

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045244.D
 Acq On : 4 May 2020 21:54
 Operator : CG/JU
 Sample : L2376-03 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BG041520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.161	7	12	17	rVB3	17710	32358	1.71%	0.174%
2	5.564	414	421	428	rBV	238590	422404	22.34%	2.267%
3	7.156	684	692	701	rBV	273869	498121	26.34%	2.674%
4	7.990	827	834	842	rBV	375959	675315	35.71%	3.625%
5	8.319	883	890	897	rBV	254273	461325	24.40%	2.476%
6	9.147	1023	1031	1041	rBV	186076	350151	18.52%	1.879%
7	10.798	1304	1312	1320	rBV	518273	954392	50.47%	5.123%
8	13.254	1723	1730	1747	rBV	583513	937388	49.57%	5.032%
9	13.800	1818	1823	1833	rBV6	7745	22235	1.18%	0.119%
10	13.958	1845	1850	1855	rVB4	14248	23047	1.22%	0.124%
11	14.082	1863	1871	1876	rBV2	51336	86358	4.57%	0.464%
12	14.358	1910	1918	1927	rBV	49475	100509	5.32%	0.539%
13	14.634	1955	1965	1973	rBV	868432	1413326	74.75%	7.586%
14	15.034	2026	2033	2039	rVB5	15596	30844	1.63%	0.166%
15	15.110	2041	2046	2052	rBV2	13437	22621	1.20%	0.121%
16	15.245	2063	2069	2074	rBV5	13780	29859	1.58%	0.160%
17	15.680	2139	2143	2153	rVB3	27795	52557	2.78%	0.282%
18	16.120	2211	2218	2229	rBV	413867	688698	36.42%	3.697%
19	16.349	2254	2257	2259	rBV3	17012	22716	1.20%	0.122%
20	16.690	2308	2315	2319	rBV5	18578	41632	2.20%	0.223%
21	16.737	2319	2323	2327	rVB3	13145	20578	1.09%	0.110%
22	16.837	2337	2340	2345	rVB7	14020	22605	1.20%	0.121%
23	17.037	2369	2374	2383	rBV7	10798	26831	1.42%	0.144%
24	17.201	2398	2402	2409	rVB4	22540	40654	2.15%	0.218%
25	17.383	2423	2433	2437	rBV	939816	1590043	84.09%	8.535%
26	17.424	2437	2440	2447	rVV	262053	384091	20.31%	2.062%
27	17.512	2451	2455	2460	rVV	44935	65392	3.46%	0.351%
28	17.565	2461	2464	2470	rVB8	14461	28484	1.51%	0.153%
29	17.789	2497	2502	2505	rBV5	12373	22746	1.20%	0.122%
30	17.965	2529	2532	2537	rVB4	17064	28572	1.51%	0.153%
31	18.259	2577	2582	2586	rBV	102767	164704	8.71%	0.884%
32	18.306	2586	2590	2597	rVB	113790	183846	9.72%	0.987%
33	18.388	2600	2604	2609	rVV2	27776	45654	2.41%	0.245%
34	18.447	2609	2614	2619	rVV2	123369	262628	13.89%	1.410%

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

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35	18.488	2619	2621	2628	rVB2	76184	100687	5.32%	0.540%
36	18.752	2662	2666	2670	rBV	46911	72176	3.82%	0.387%
37	18.793	2670	2673	2677	rVB4	27972	41253	2.18%	0.221%
38	18.999	2705	2708	2712	rBV2	25802	28623	1.51%	0.154%
39	19.052	2713	2717	2721	rBV2	30114	42654	2.26%	0.229%
40	19.175	2733	2738	2742	rBV	93349	157962	8.35%	0.848%
41	19.228	2742	2747	2751	rBV3	43843	88986	4.71%	0.478%
42	19.310	2757	2761	2769	rBV5	52899	125743	6.65%	0.675%
43	19.433	2776	2782	2788	rBV	484800	727868	38.49%	3.907%
44	19.533	2797	2799	2802	rVB2	29284	29284	1.55%	0.157%
45	19.586	2804	2808	2811	rBV	34800	44766	2.37%	0.240%
46	19.792	2834	2843	2851	rBV	520305	872798	46.16%	4.685%
47	19.874	2853	2857	2862	rVB3	44071	77339	4.09%	0.415%
48	19.991	2872	2877	2882	rBV	851792	1110713	58.74%	5.962%
49	20.121	2893	2899	2905	rBV3	76077	194947	10.31%	1.046%
50	20.285	2925	2927	2933	rVB2	119304	141776	7.50%	0.761%
51	20.385	2941	2944	2949	rBV	77437	102411	5.42%	0.550%
52	20.444	2950	2954	2958	rVB3	94827	136009	7.19%	0.730%
53	20.585	2974	2978	2981	rBV	78653	94147	4.98%	0.505%
54	20.632	2983	2986	2989	rVB2	70486	89448	4.73%	0.480%
55	21.307	3098	3101	3107	rBV5	63457	128862	6.82%	0.692%
56	21.648	3151	3159	3163	rBV2	923302	1890858	100.00%	10.149%
57	21.689	3163	3166	3176	rVB	240966	431978	22.85%	2.319%
58	23.816	3523	3528	3537	rBV2	129187	404071	21.37%	2.169%
59	24.673	3669	3674	3683	rVB2	143983	383311	20.27%	2.057%
60	24.826	3692	3700	3708	rBV	483132	1358750	71.86%	7.293%

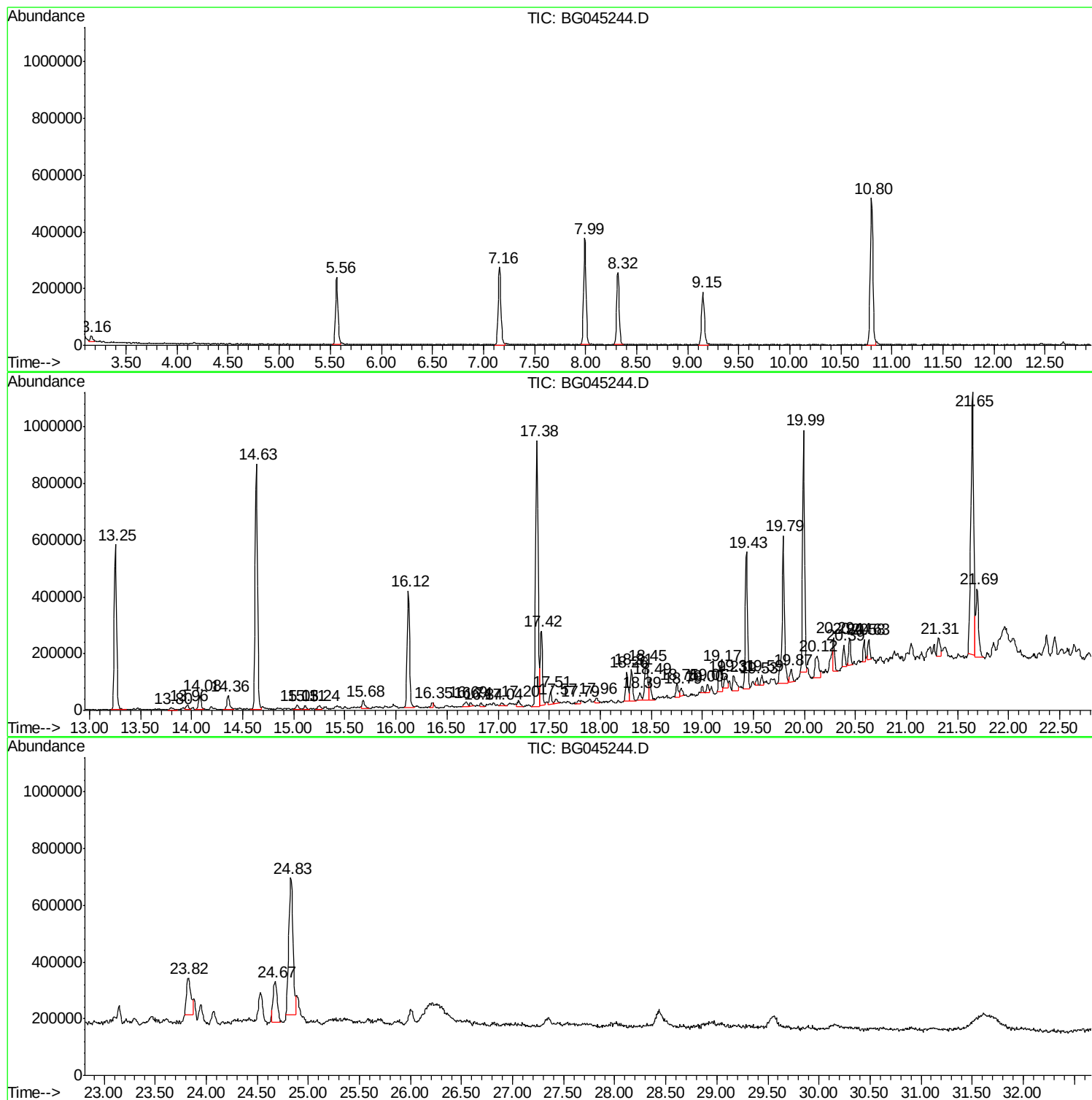
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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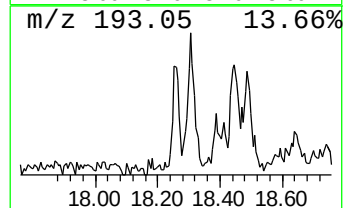
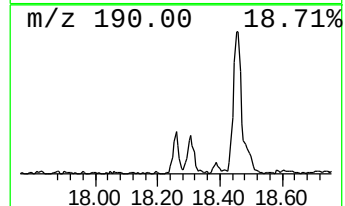
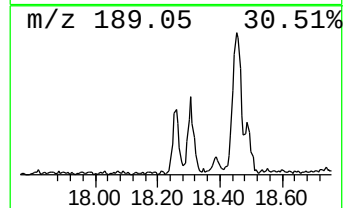
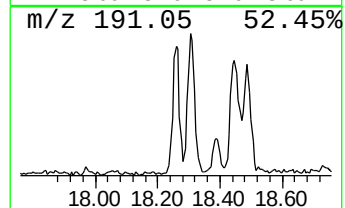
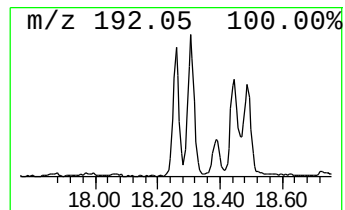
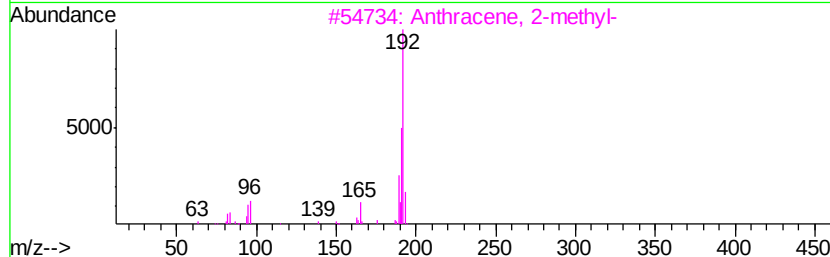
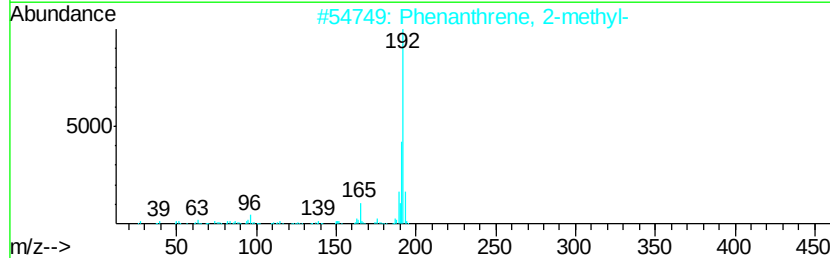
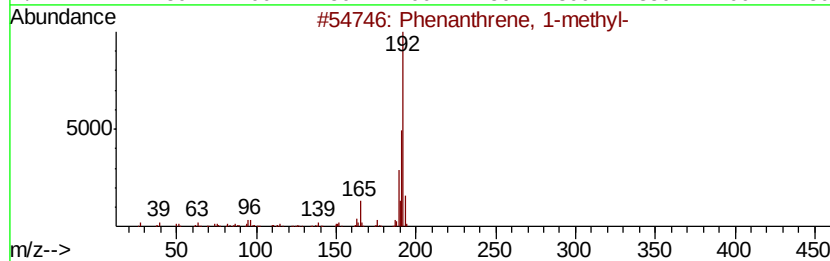
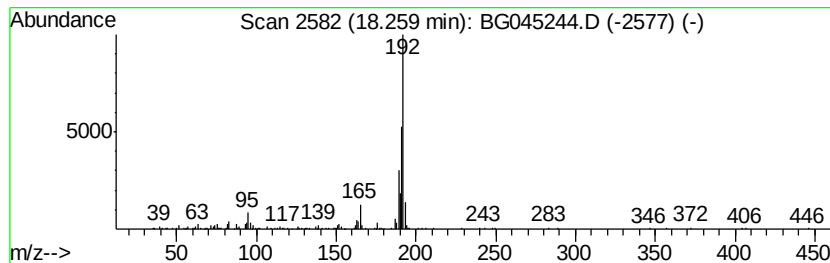
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.26	2.07 ng	164704	Phenanthrene-d10	17.38	
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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



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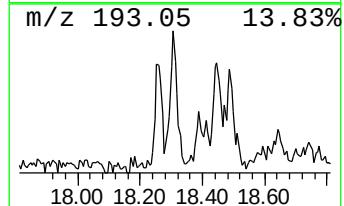
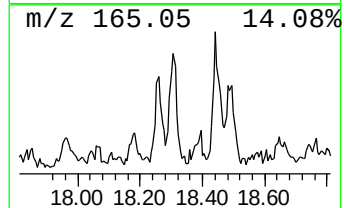
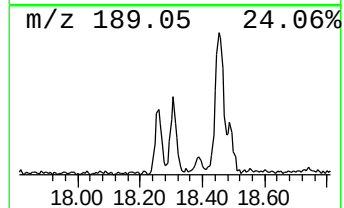
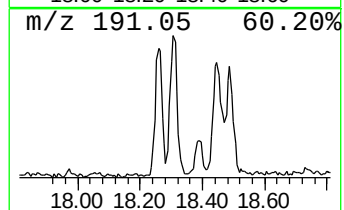
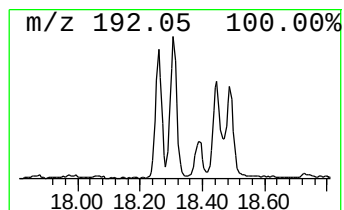
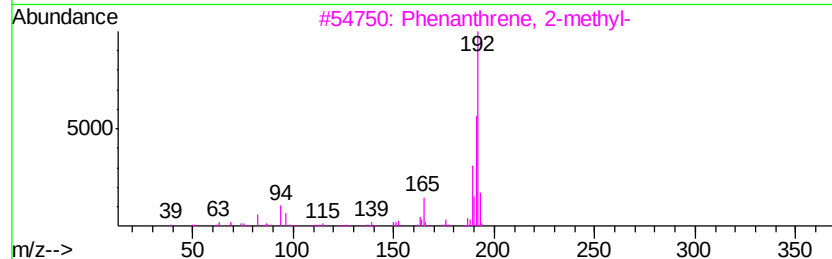
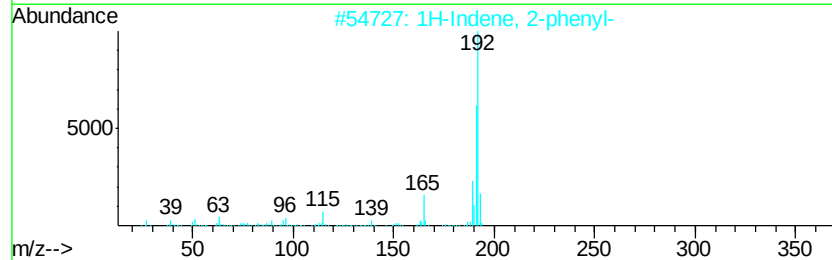
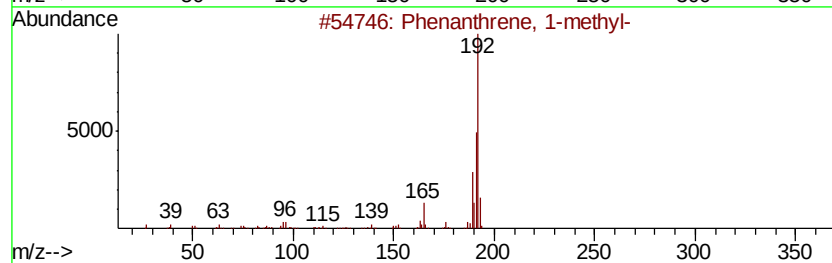
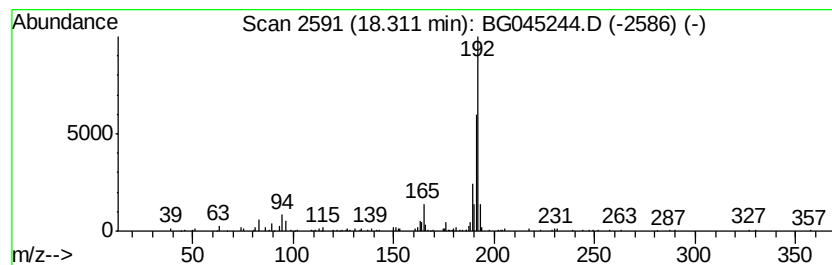
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1H-Indene, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.31	2.31 ng	183846	Phenanthrene-d10	17.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



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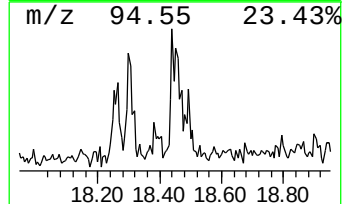
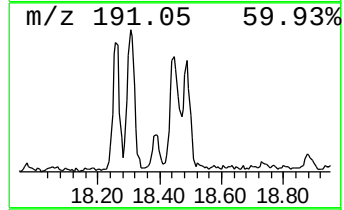
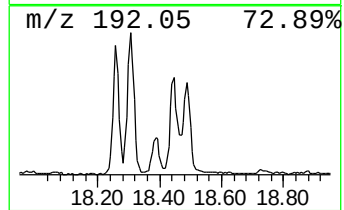
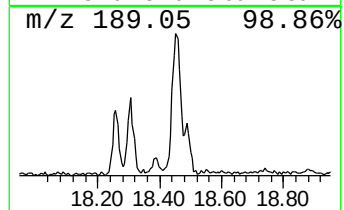
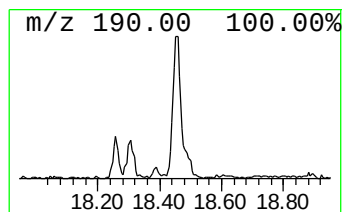
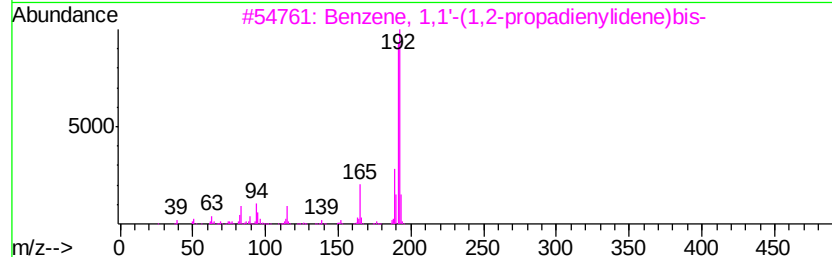
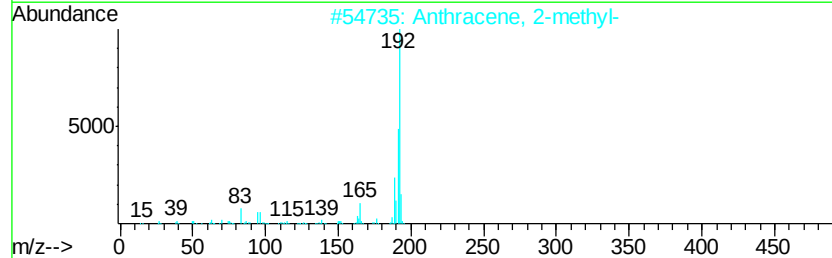
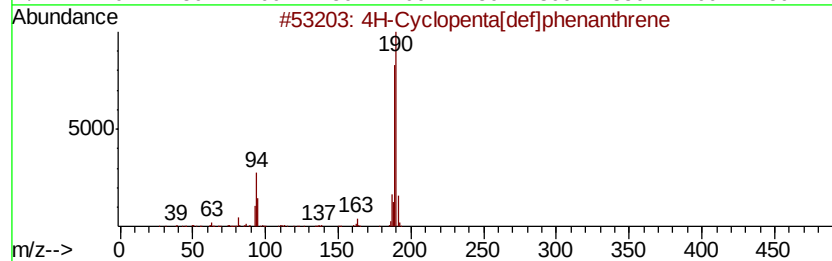
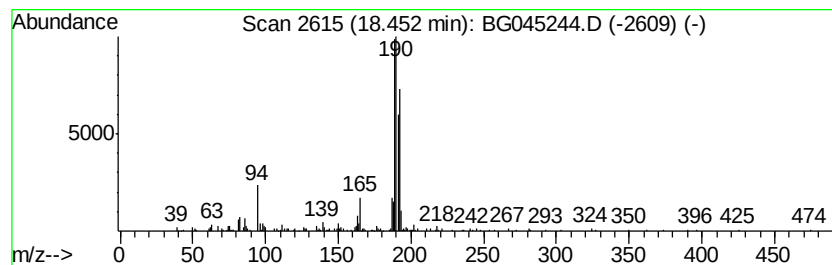
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.45	3.30 ng	262628	Phenanthrene-d10	17.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
3	Benzene, 1,1'-(1,2-propadienyldi...	192	C15H12	014251-57-1	46
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	46
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	46



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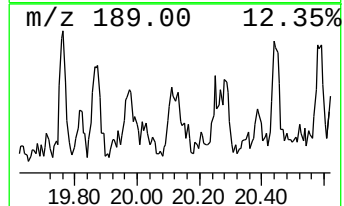
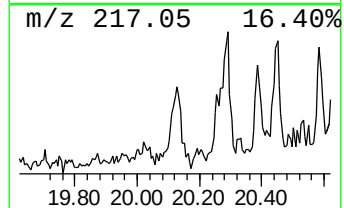
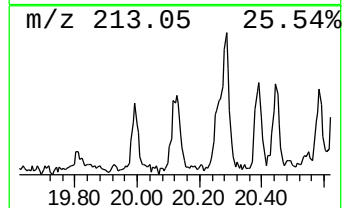
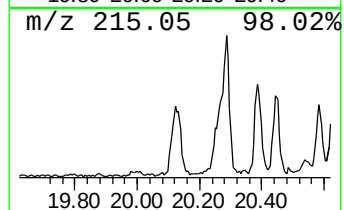
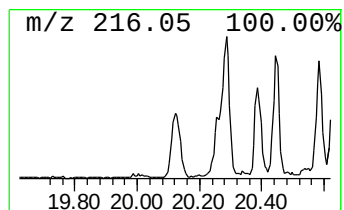
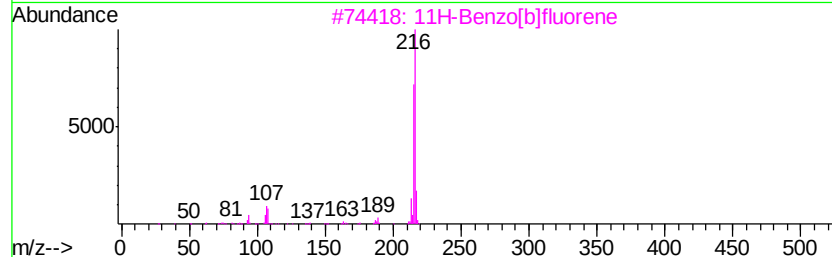
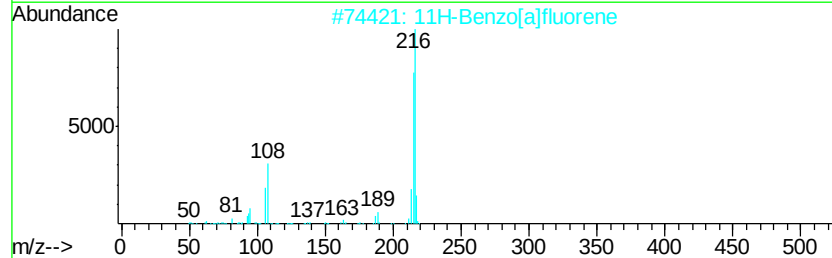
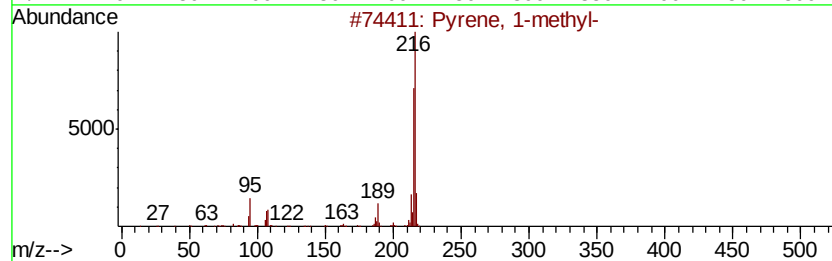
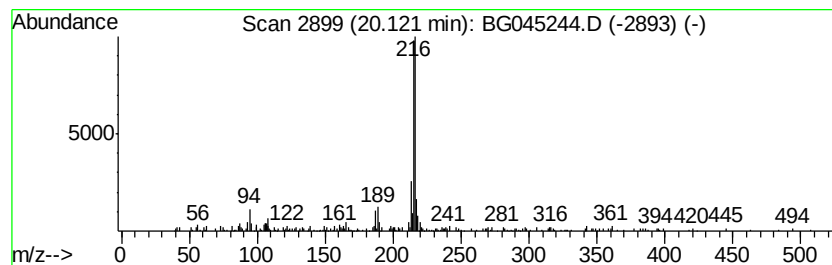
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	2.06 ng	194947	Chrysene-d12	21.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 1-m...	18.26	2.1 ng		164704	4	17.38	1590040	20.0
1H-Indene, 2-phenyl-	18.31	2.3 ng		183846	4	17.38	1590040	20.0
4H-Cyclopenta[def...	18.45	3.3 ng		262628	4	17.38	1590040	20.0
Pyrene, 1-methyl-	20.12	2.1 ng		194947	5	21.65	1890860	20.0