

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095460.D
 Acq On : 26 May 2017 14:46
 Operator : SJ/MA
 Sample : I3241-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC11(0-2)

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:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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	5.101	534	538	555	rBV	89559	206528	7.54%	0.452%
2	5.707	637	641	676	rBV	752840	1938965	70.82%	4.247%
3	7.289	906	910	926	rBV	766323	1789066	65.35%	3.919%
4	7.407	926	930	955	rVB	1348770	2286373	83.51%	5.008%
5	7.742	983	987	998	rBV	436335	552658	20.19%	1.211%
6	7.978	1022	1027	1041	rBV	1315836	1644460	60.06%	3.602%
7	8.642	1136	1140	1176	rBV	623475	1223191	44.68%	2.679%
8	9.766	1326	1331	1355	rBV	394486	805013	29.40%	1.763%
9	11.083	1549	1555	1567	rBV	63522	103970	3.80%	0.228%
10	11.530	1626	1631	1651	rBV	1654915	2250205	82.19%	4.929%
11	11.960	1697	1704	1713	rBV	34144	81783	2.99%	0.179%
12	12.066	1717	1722	1726	rVV	132171	190108	6.94%	0.416%
13	12.107	1726	1729	1741	rVB	60031	92928	3.39%	0.204%
14	12.230	1746	1750	1762	rBV2	144651	338580	12.37%	0.742%
15	12.377	1770	1775	1783	rBV2	58723	103627	3.78%	0.227%
16	12.595	1806	1812	1817	rBV2	569823	854164	31.20%	1.871%
17	12.648	1817	1821	1827	rVB	219592	312347	11.41%	0.684%
18	12.801	1843	1847	1853	rBV3	40723	84489	3.09%	0.185%
19	12.860	1853	1857	1864	rVB2	73510	95914	3.50%	0.210%
20	12.942	1864	1871	1872	rBV2	77184	93218	3.40%	0.204%
21	13.024	1879	1885	1889	rVB	67562	90260	3.30%	0.198%
22	13.136	1899	1904	1910	rBV	80388	118429	4.33%	0.259%
23	13.189	1910	1913	1921	rVB	54811	77817	2.84%	0.170%
24	13.283	1921	1929	1932	rBV2	53736	104626	3.82%	0.229%
25	13.424	1948	1953	1957	rBV2	88723	111421	4.07%	0.244%
26	13.489	1960	1964	1972	rVV	215223	298080	10.89%	0.653%
27	13.577	1972	1979	1980	rVV2	60355	88056	3.22%	0.193%
28	13.595	1980	1982	1985	rVV2	75151	105603	3.86%	0.231%
29	13.624	1985	1987	1992	rVV2	74968	99976	3.65%	0.219%
30	13.701	1998	2000	2007	rVV2	50547	71158	2.60%	0.156%
31	13.766	2007	2011	2019	rVB4	76921	146655	5.36%	0.321%
32	13.895	2028	2033	2042	rBV	710871	1125146	41.10%	2.465%
33	13.960	2042	2044	2053	rVB3	52771	85572	3.13%	0.187%
34	14.118	2067	2071	2078	rVB3	44999	66410	2.43%	0.145%

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35	14.389	2110	2117	2121	rBV2	104770	203197	7.42%	0.445%
36	14.436	2121	2125	2130	rVB2	85909	131669	4.81%	0.288%
37	14.518	2136	2139	2144	rVB3	47263	70697	2.58%	0.155%
38	14.618	2151	2156	2159	rBV5	55995	94506	3.45%	0.207%
39	14.724	2170	2174	2180	rBV	85500	125180	4.57%	0.274%
40	14.783	2180	2184	2188	rVV4	44773	90576	3.31%	0.198%
41	14.830	2188	2192	2196	rVB	129272	155291	5.67%	0.340%
42	14.995	2215	2220	2223	rVV	532868	686231	25.06%	1.503%
43	15.036	2223	2227	2236	rVV	2103341	2737836	100.00%	5.997%
44	15.118	2236	2241	2250	rVB	446461	622398	22.73%	1.363%
45	15.212	2253	2257	2260	rBV2	49637	67549	2.47%	0.148%
46	15.418	2289	2292	2299	rVV2	47357	88724	3.24%	0.194%
47	15.477	2299	2302	2305	rVV	93125	104533	3.82%	0.229%
48	15.518	2305	2309	2313	rVV	124135	151860	5.55%	0.333%
49	15.648	2326	2331	2337	rBV	81255	130801	4.78%	0.287%
50	15.777	2349	2353	2356	rVV	557431	628736	22.96%	1.377%
51	15.818	2356	2360	2365	rVV	604186	700222	25.58%	1.534%
52	15.889	2369	2372	2375	rVV	186552	204552	7.47%	0.448%
53	15.930	2375	2379	2382	rVV2	594626	855633	31.25%	1.874%
54	15.965	2382	2385	2393	rVB	457192	682014	24.91%	1.494%
55	16.124	2408	2412	2418	rVV2	76949	111407	4.07%	0.244%
56	16.183	2419	2422	2424	rVV2	74721	83215	3.04%	0.182%
57	16.218	2424	2428	2434	rVV	295147	444044	16.22%	0.973%
58	16.277	2435	2438	2442	rVV	176056	243375	8.89%	0.533%
59	16.318	2442	2445	2448	rVB	70001	77532	2.83%	0.170%
60	16.424	2460	2463	2467	rBV2	119414	153029	5.59%	0.335%
61	16.471	2468	2471	2475	rVV	111214	135570	4.95%	0.297%
62	16.507	2475	2477	2481	rVB	69317	75899	2.77%	0.166%
63	16.577	2484	2489	2492	rBV	356317	468100	17.10%	1.025%
64	16.618	2492	2496	2500	rVV3	174611	266816	9.75%	0.584%
65	16.654	2500	2502	2505	rVB	88407	78009	2.85%	0.171%
66	16.695	2505	2509	2513	rBV2	224134	325316	11.88%	0.713%
67	16.783	2520	2524	2529	rBV	1864600	2157334	78.80%	4.726%
68	16.877	2536	2540	2543	rBV4	100811	153824	5.62%	0.337%
69	17.018	2561	2564	2567	rBV2	92409	111576	4.08%	0.244%
70	17.054	2567	2570	2571	rVV2	75239	84856	3.10%	0.186%
71	17.089	2571	2576	2580	rVB	2113034	2697783	98.54%	5.910%

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72	17.201	2592	2595	2598	rVB	74721	79937	2.92%	0.175%
73	17.271	2604	2607	2610	rBV	86127	97379	3.56%	0.213%
74	17.318	2610	2615	2623	rVB	1241139	1471438	53.74%	3.223%
75	17.401	2626	2629	2633	rVB2	151105	212602	7.77%	0.466%
76	17.518	2644	2649	2651	rBV3	122334	226567	8.28%	0.496%
77	17.542	2651	2653	2659	rVB	257376	306261	11.19%	0.671%
78	17.630	2665	2668	2672	rVB	139254	154548	5.64%	0.339%
79	17.677	2672	2676	2682	rBV2	321646	498978	18.23%	1.093%
80	17.795	2693	2696	2700	rVB	211671	225096	8.22%	0.493%
81	17.836	2700	2703	2708	rVB	192440	217462	7.94%	0.476%
82	18.230	2767	2770	2774	rVB	146324	170633	6.23%	0.374%
83	18.348	2787	2790	2792	rBV2	136771	160390	5.86%	0.351%
84	18.377	2792	2795	2798	rVV2	269329	321010	11.72%	0.703%
85	18.412	2798	2801	2805	rVV	139677	165734	6.05%	0.363%
86	18.448	2805	2807	2811	rVB2	79858	87242	3.19%	0.191%
87	18.506	2815	2817	2822	rVB	141445	163589	5.98%	0.358%
88	18.565	2823	2827	2832	rBV2	169099	223072	8.15%	0.489%
89	18.665	2839	2844	2848	rBV2	1061217	1725321	63.02%	3.779%
90	18.706	2848	2851	2859	rVB	898908	1216886	44.45%	2.666%
91	18.965	2892	2895	2898	rVB3	139408	150121	5.48%	0.329%
92	19.177	2928	2931	2935	rBV	202046	228431	8.34%	0.500%
93	19.353	2955	2961	2966	rBV5	212646	422530	15.43%	0.926%
94	19.689	3015	3018	3021	rBV2	150071	163008	5.95%	0.357%
95	19.947	3058	3062	3065	rBV	655267	927972	33.89%	2.033%
96	20.242	3108	3112	3116	rBV	415413	485878	17.75%	1.064%
97	20.300	3118	3122	3128	rBV	571032	627496	22.92%	1.375%
98	20.353	3128	3131	3135	rBV	340882	419176	15.31%	0.918%
99	21.689	3353	3358	3366	rVB2	189404	345562	12.62%	0.757%
100	22.077	3419	3424	3433	rVB	162261	320432	11.70%	0.702%

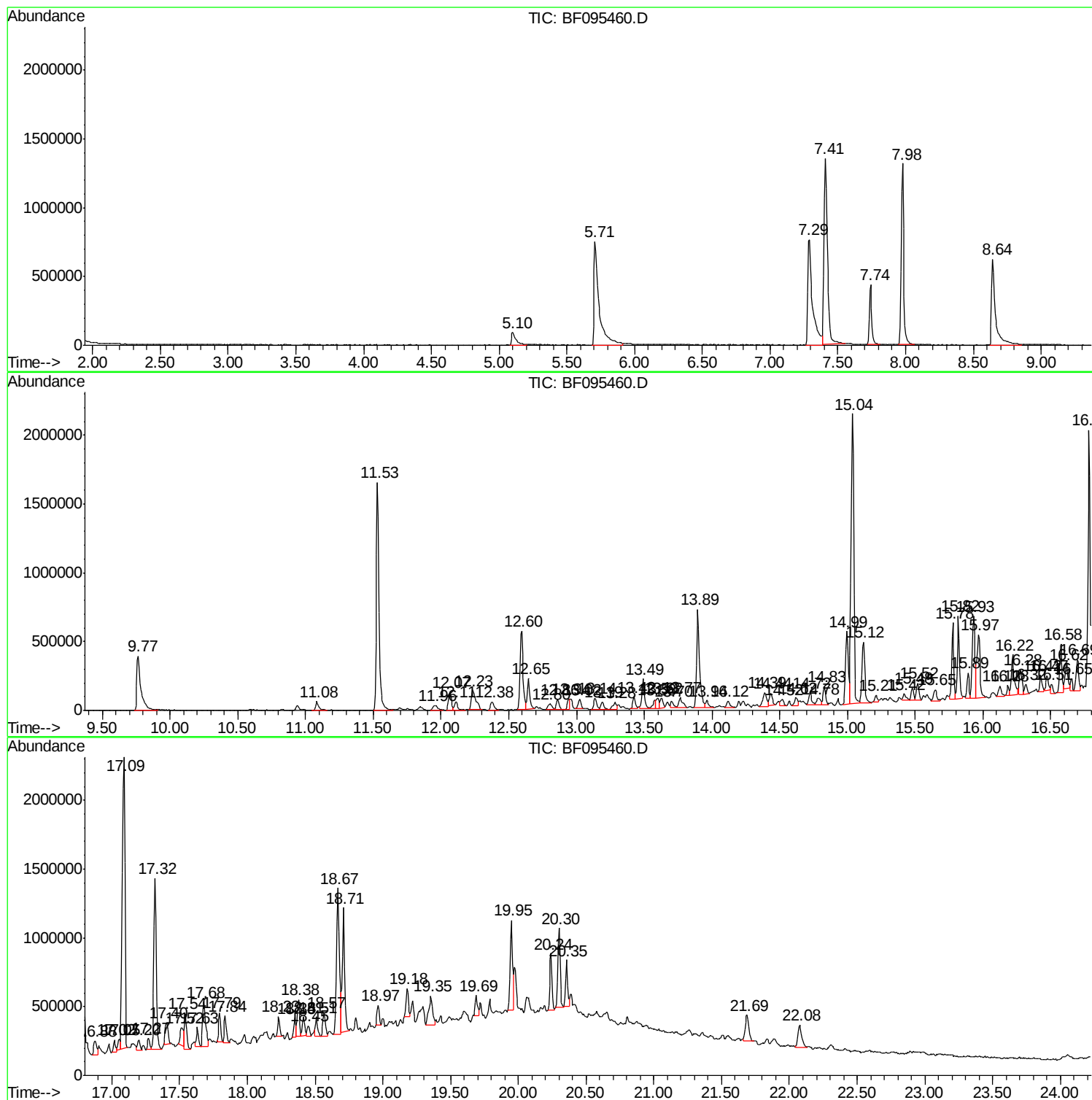
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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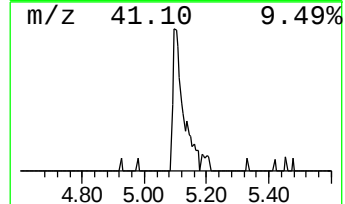
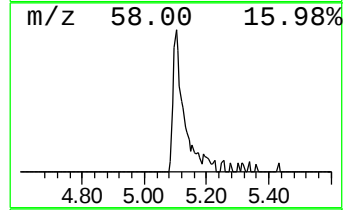
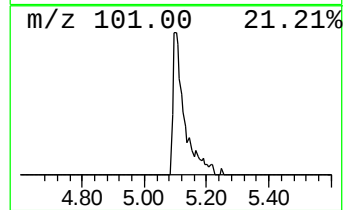
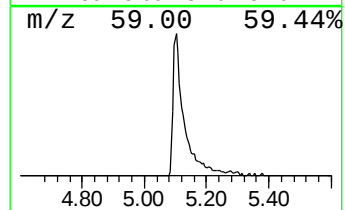
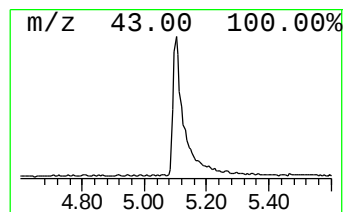
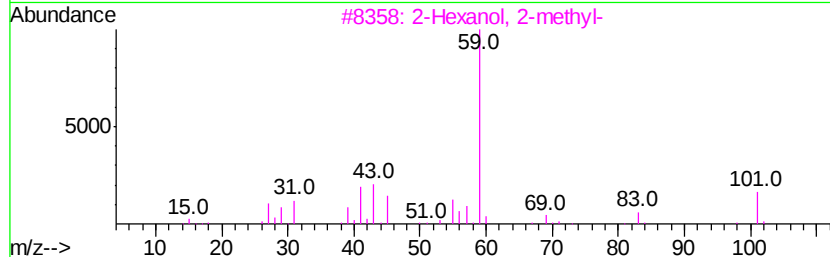
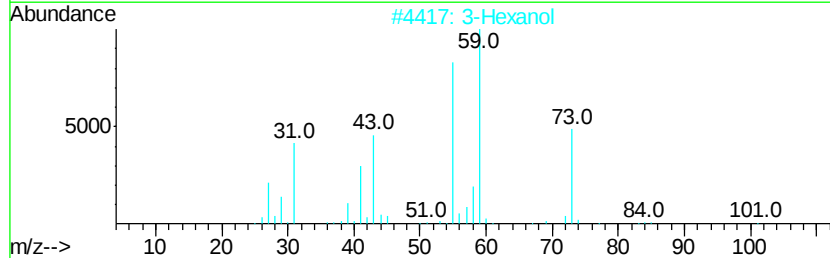
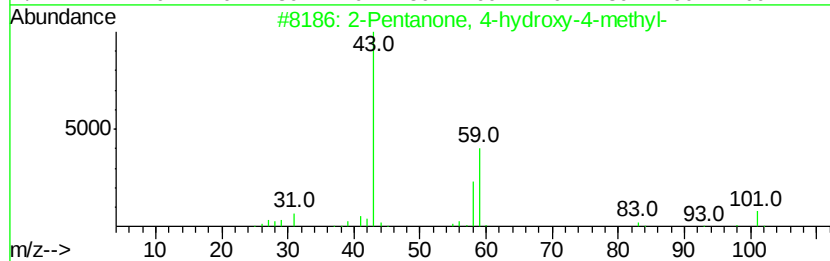
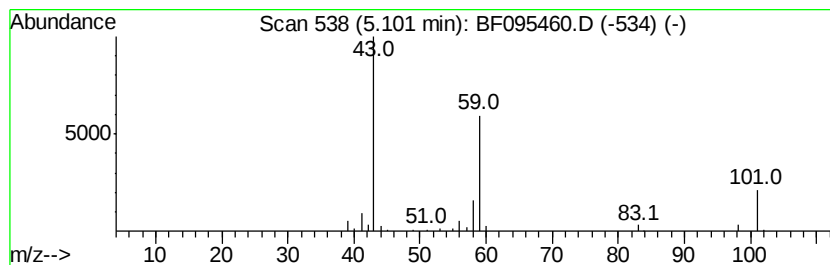
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.10 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	7.47 ng	206528	1,4-Dichlorobenzene-d4	7.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2			3-Hexanol	102	C6H14O	000623-37-0	28
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4			5-Hexen-2-one	98	C6H10O	000109-49-9	10
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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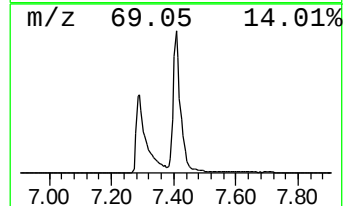
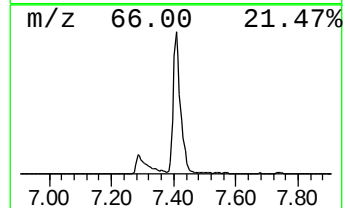
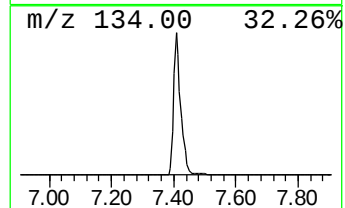
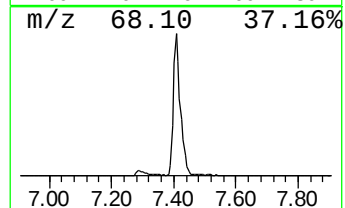
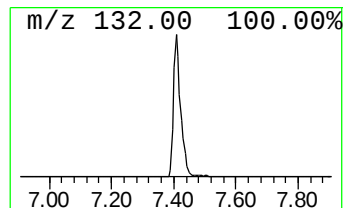
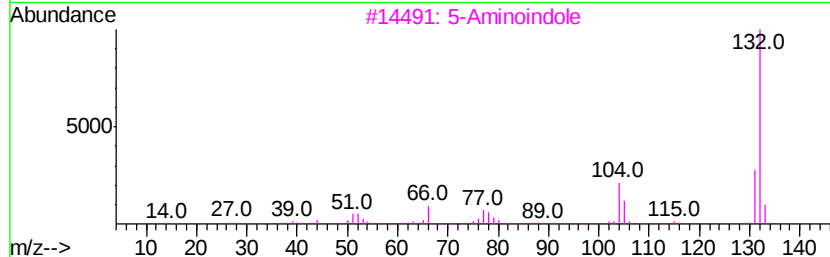
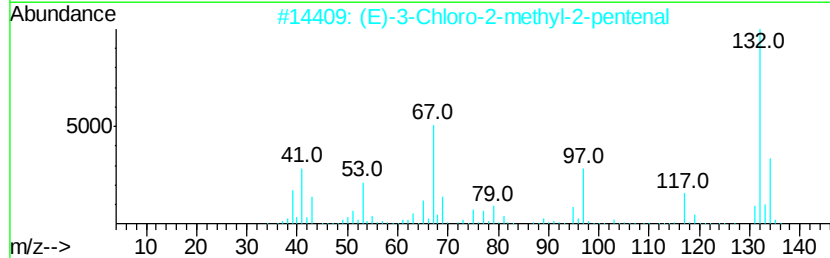
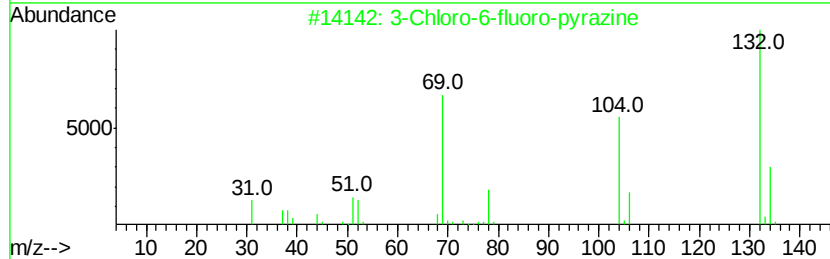
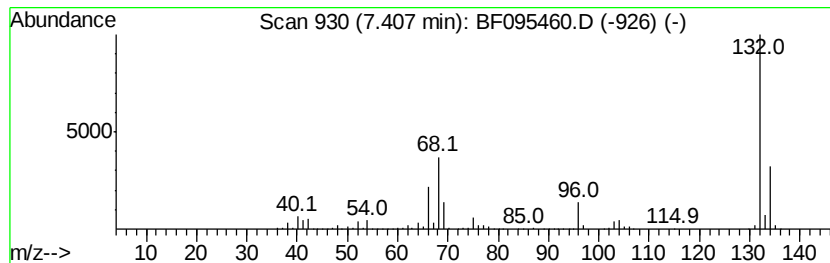
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	82.74 ng	2286370	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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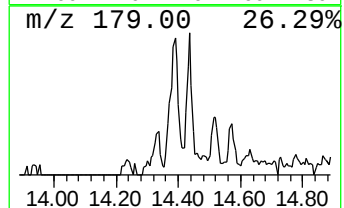
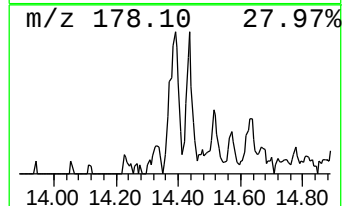
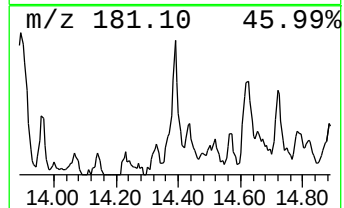
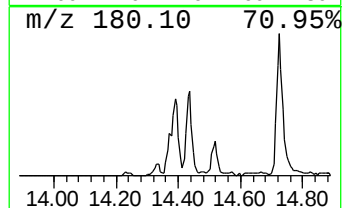
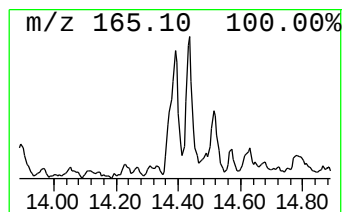
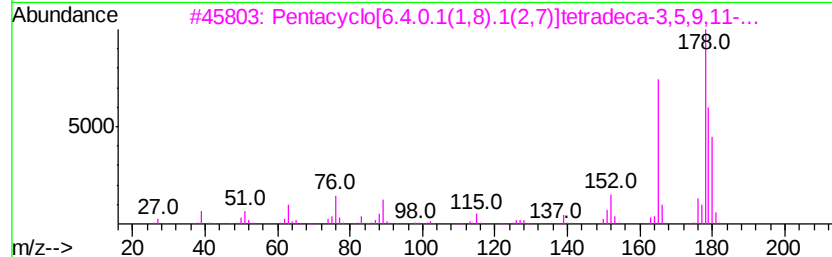
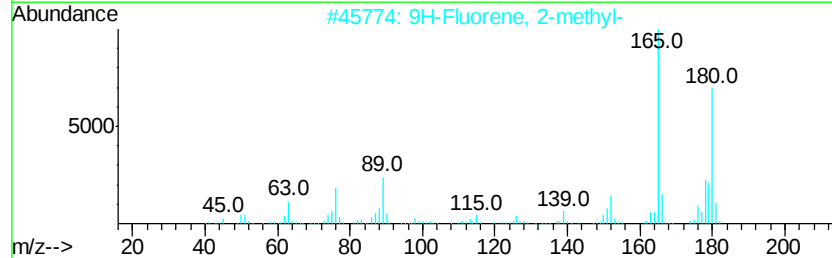
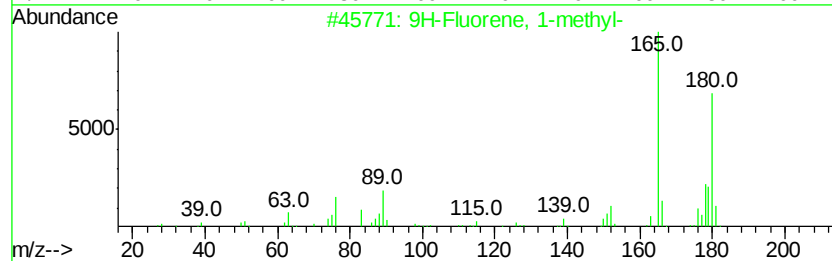
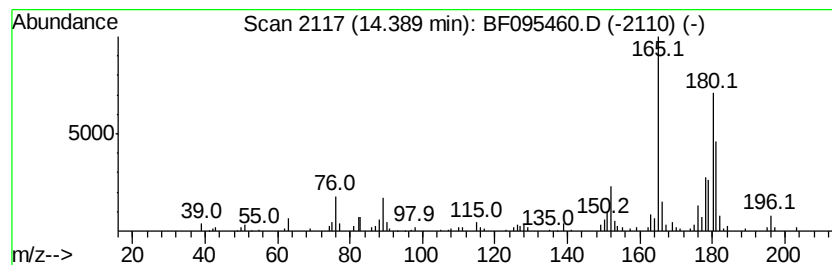
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.39	5.92 ng	203197	Phenanthrene-d10	14.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92	
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86	
3	Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	83	
4	(E)-Stilbene	180	C14H12	000103-30-0	64	
5	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	64	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095460.D
Acq On : 26 May 2017 14:46
Operator : SJ/MA
Sample : I3241-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EP1-WC11(0-2)

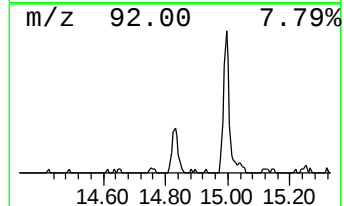
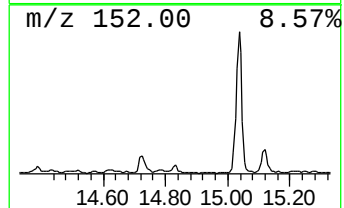
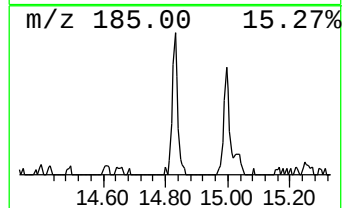
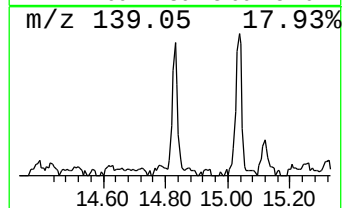
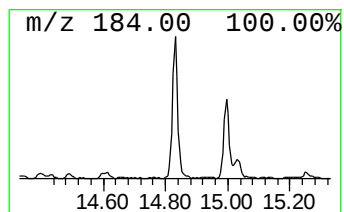
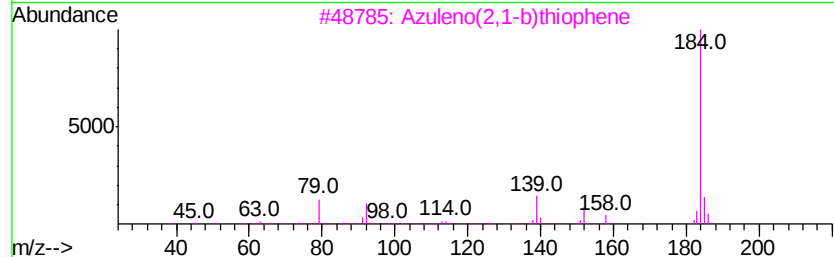
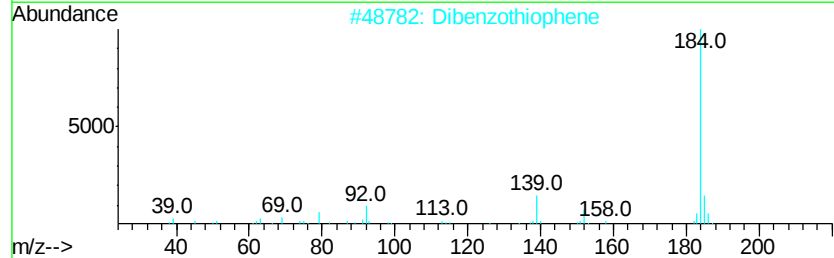
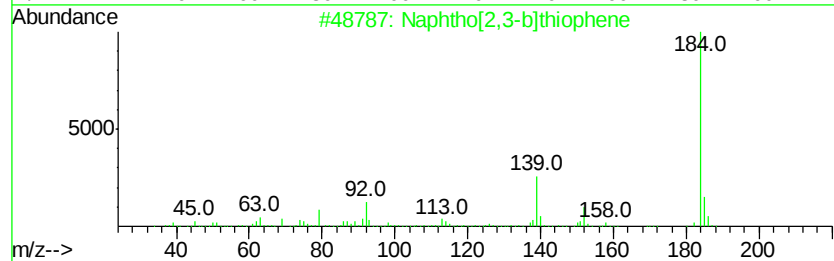
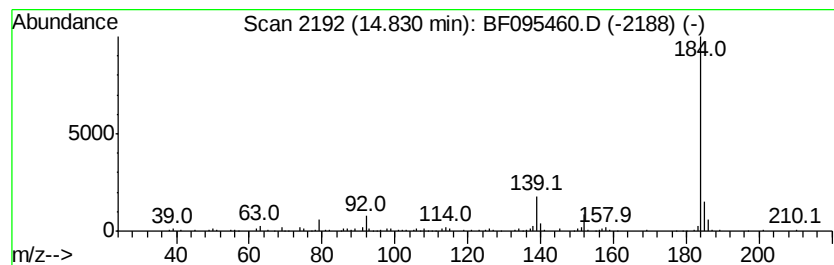
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphtho[2,3-b]thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	4.53 ng	155291	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2		Dibenzothiophene	184	C12H8S	000132-65-0	94
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095460.D
Acq On : 26 May 2017 14:46
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Misc :
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ClientSampleId :
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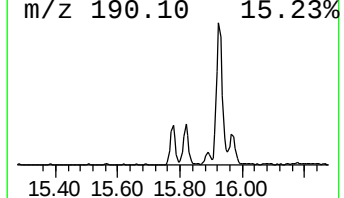
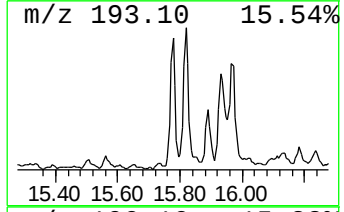
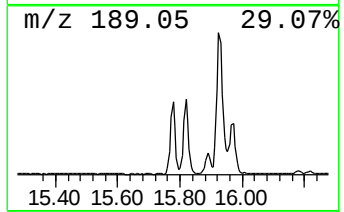
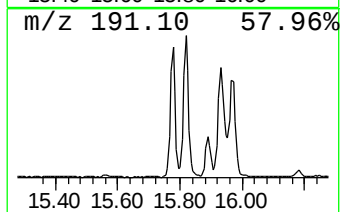
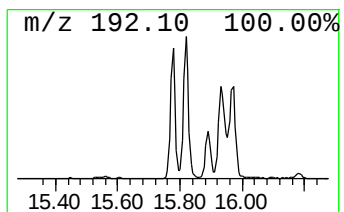
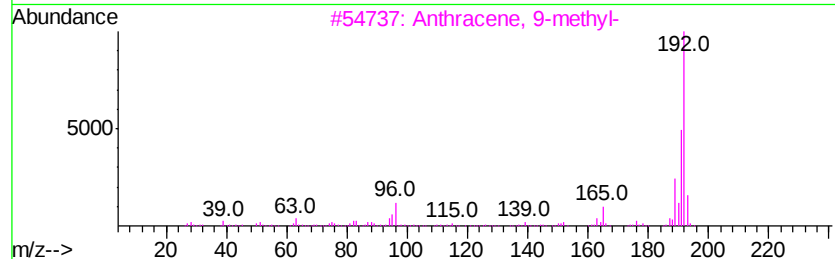
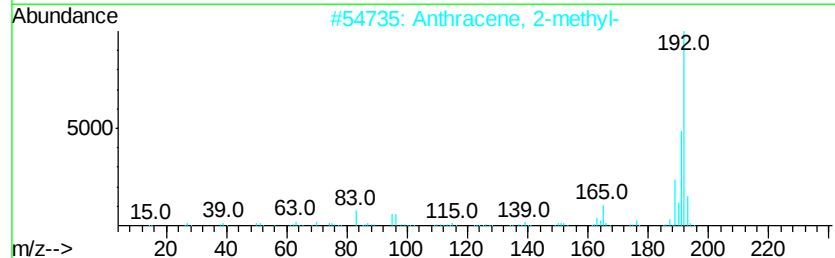
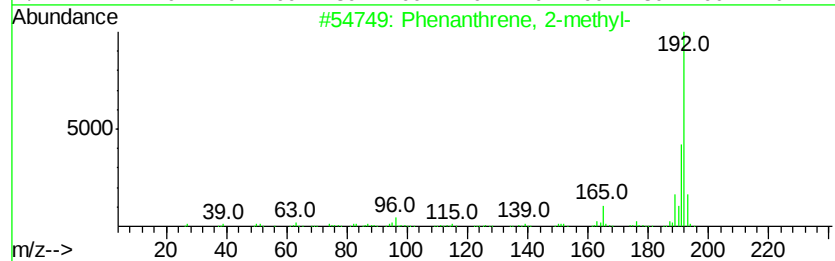
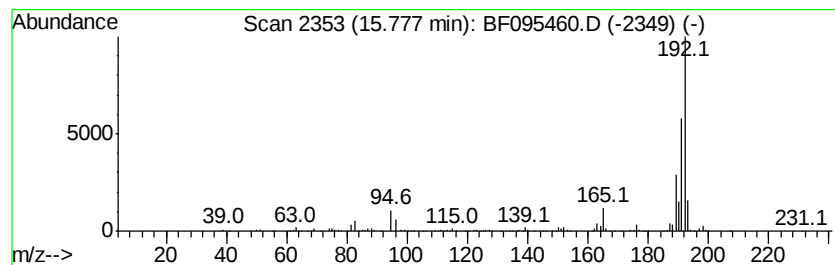
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	18.32 ng	628736	Phenanthrene-d10	14.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052617\
Data File : BF095460.D
Acq On : 26 May 2017 14:46
Operator : SJ/MA
Sample : I3241-01
Misc :
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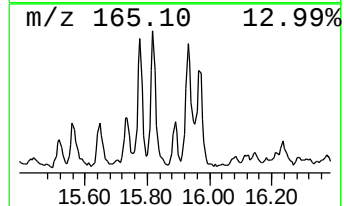
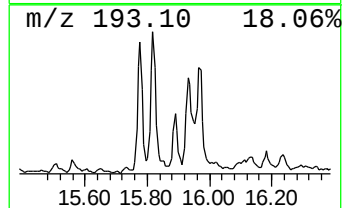
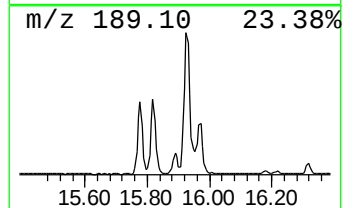
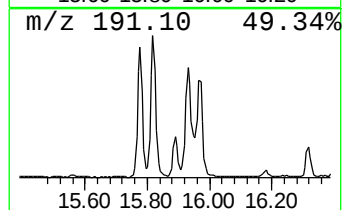
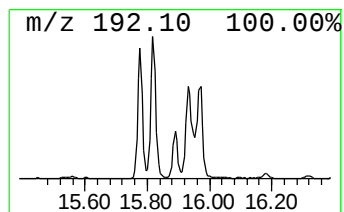
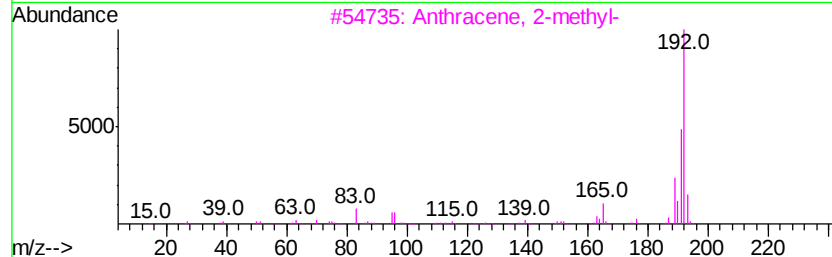
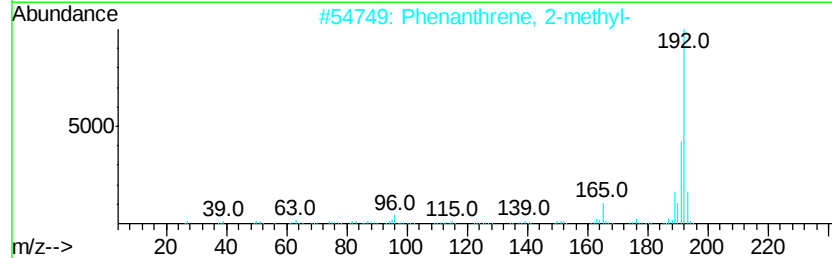
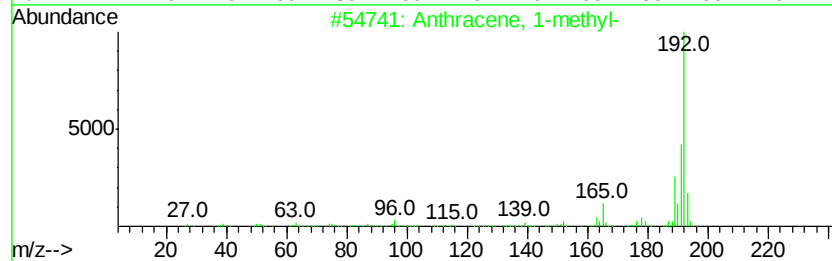
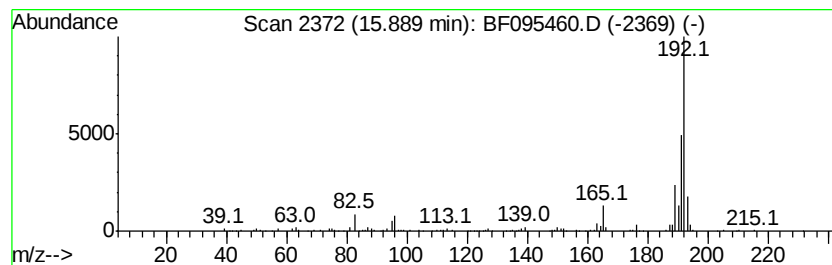
Instrument :
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ClientSampleId :
EP1-WC11(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.89	5.96 ng	204552	Phenanthrene-d10		14.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052617\
Data File : BF095460.D
Acq On : 26 May 2017 14:46
Operator : SJ/MA
Sample : I3241-01
Misc :
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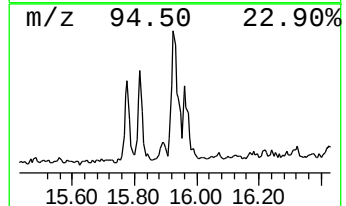
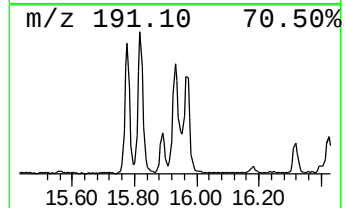
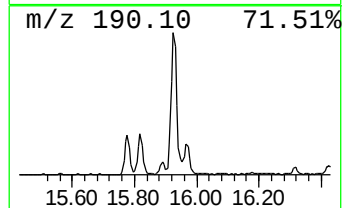
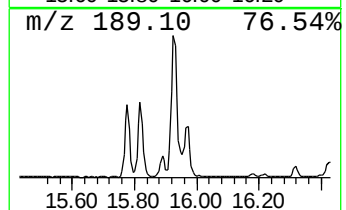
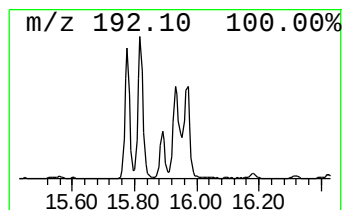
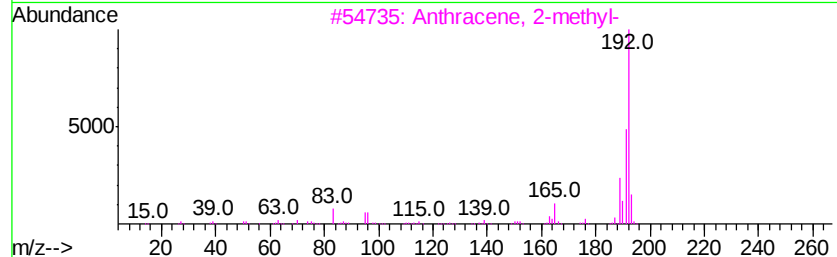
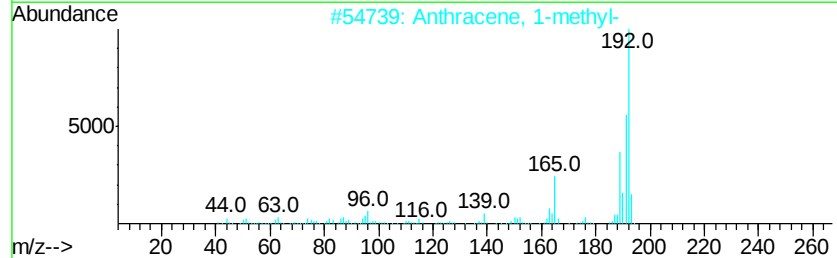
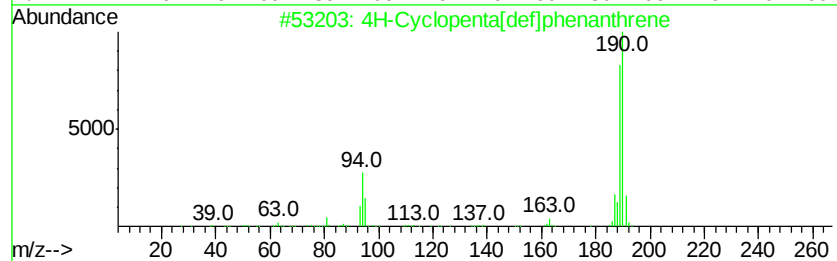
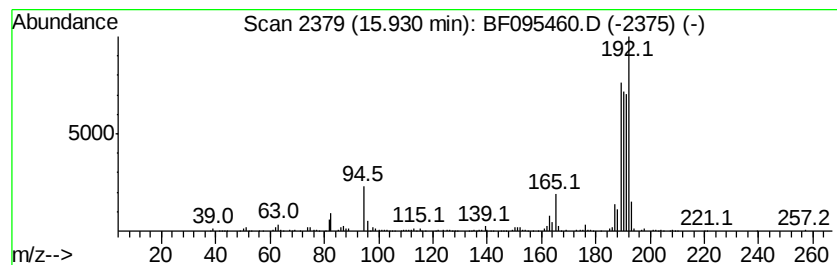
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.93	24.94 ng	855633	Phenanthrene-d10	14.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	52
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
4		1H-Cyclopropa[all]phenanthrene,1a,...	192	C15H12	000949-41-7	50
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46



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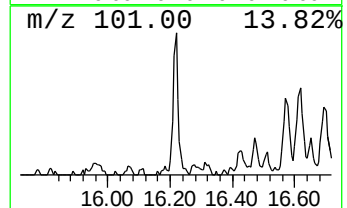
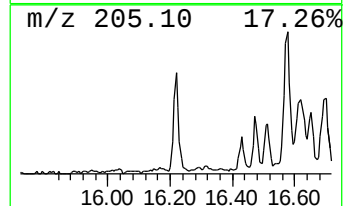
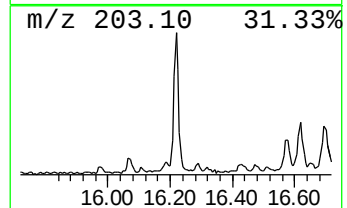
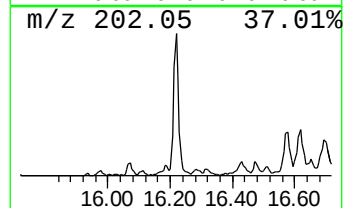
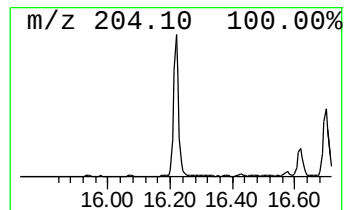
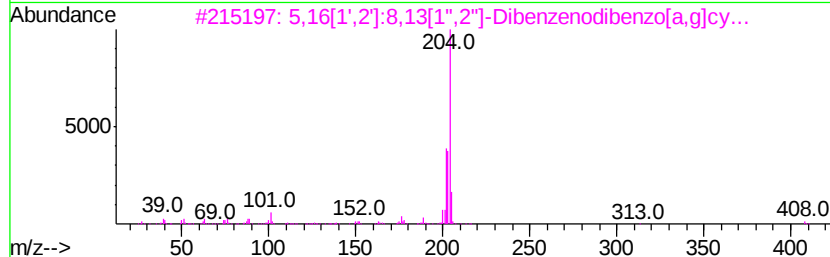
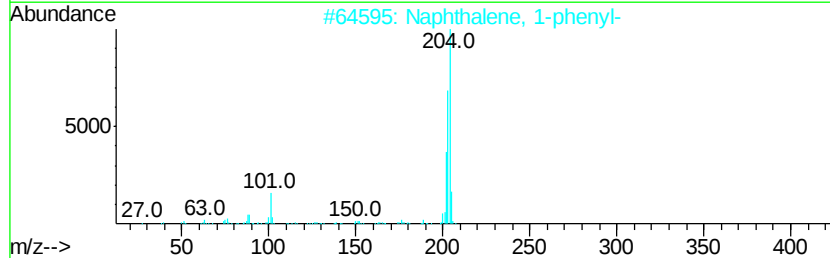
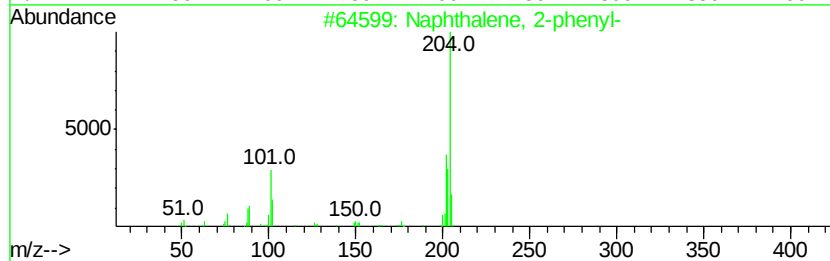
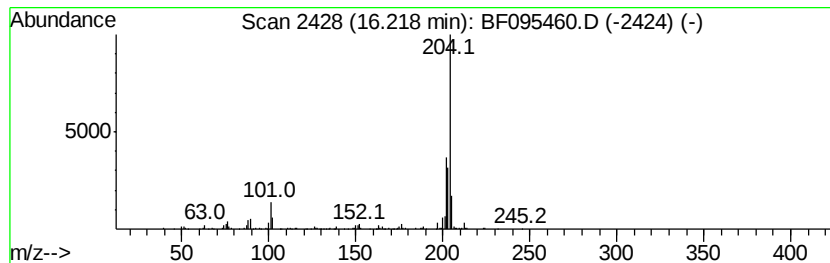
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	12.94 ng	444044	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	92
3		5,16[1',2']8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052617\
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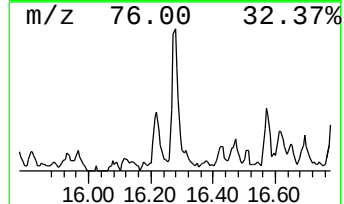
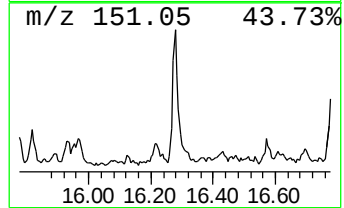
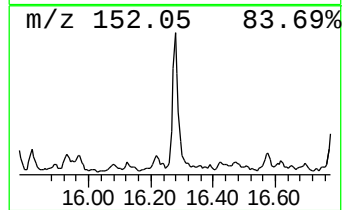
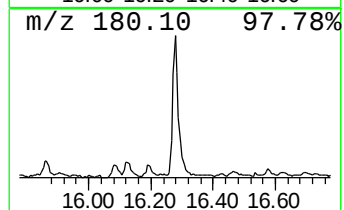
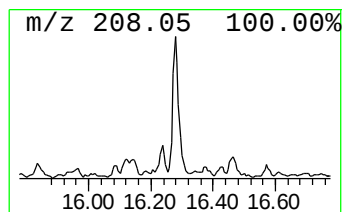
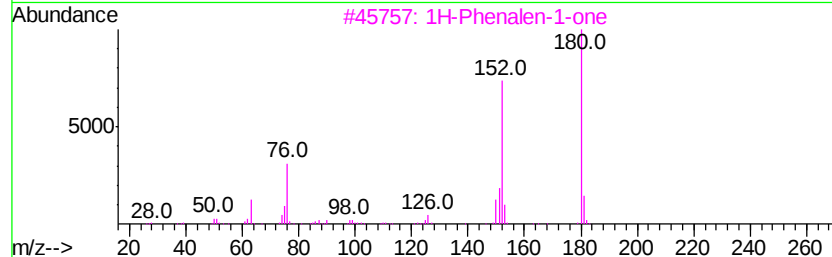
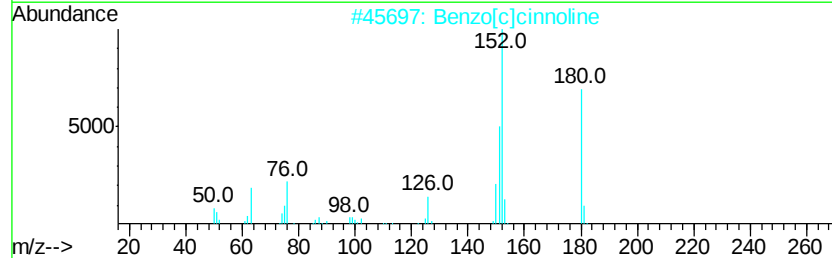
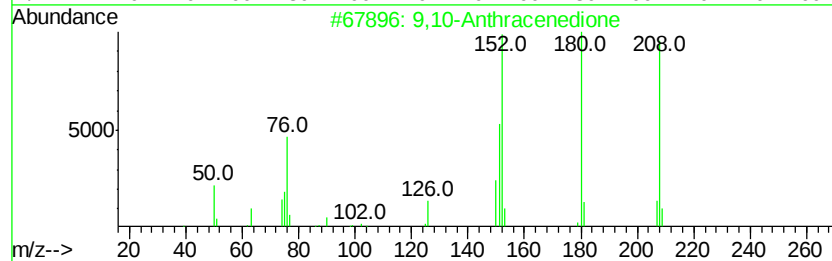
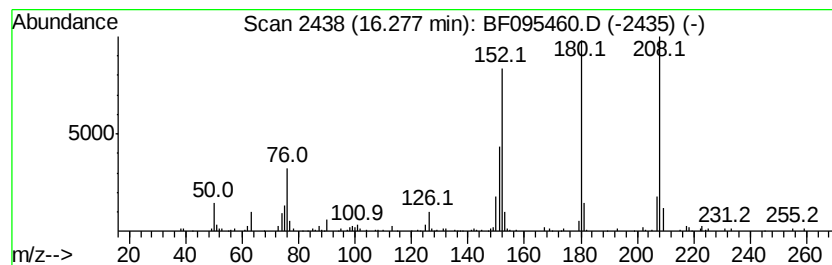
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	7.09 ng	243375	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095460.D
Acq On : 26 May 2017 14:46
Operator : SJ/MA
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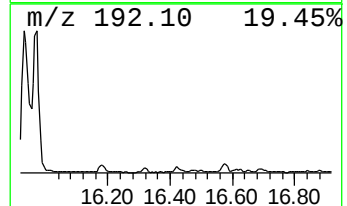
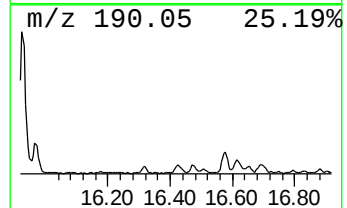
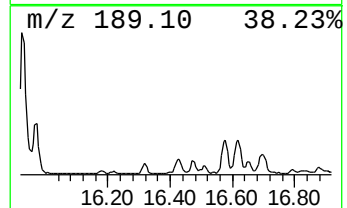
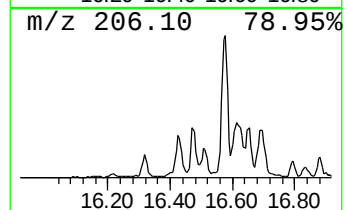
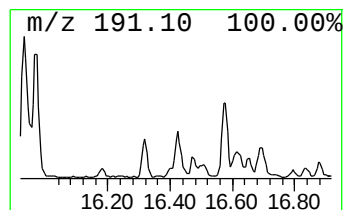
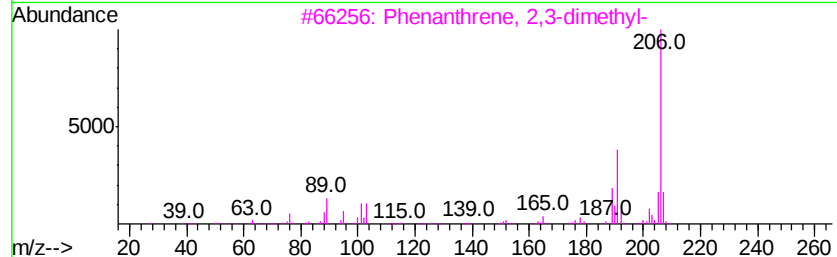
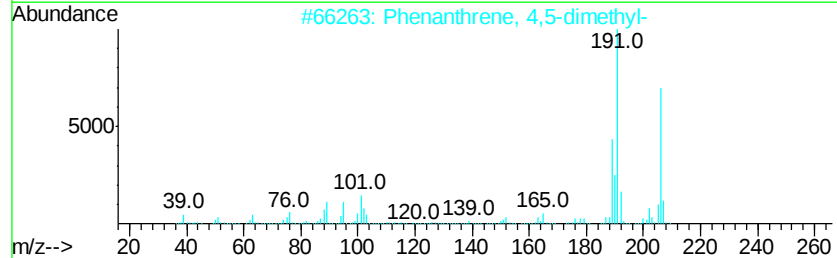
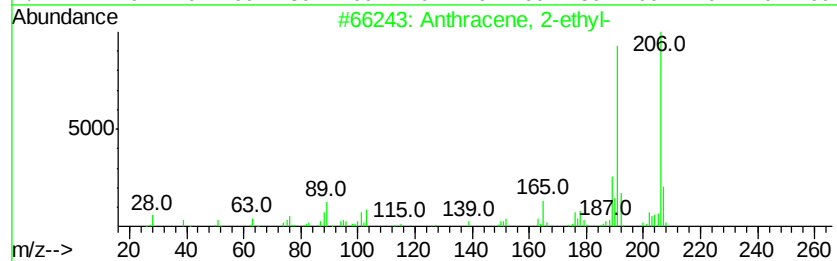
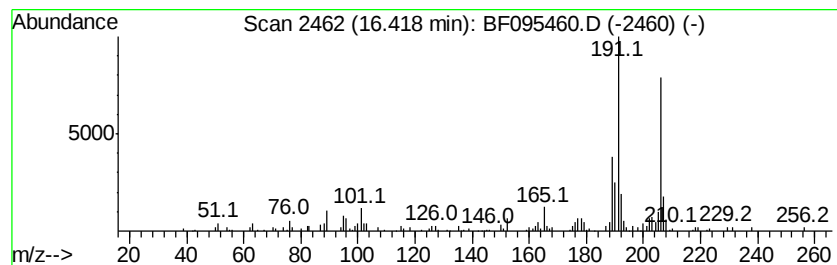
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	4.46 ng	153029	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	95
2		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4		Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	81
5		Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052617\
Data File : BF095460.D
Acq On : 26 May 2017 14:46
Operator : SJ/MA
Sample : I3241-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

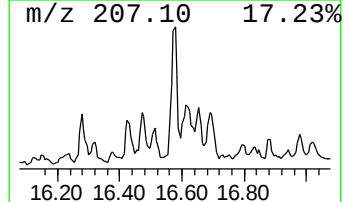
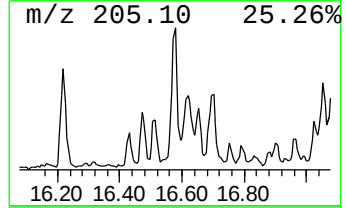
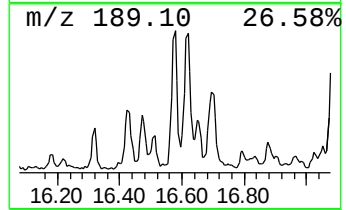
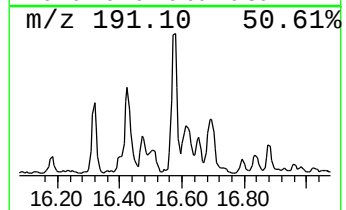
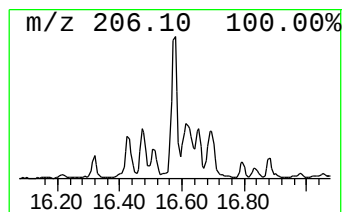
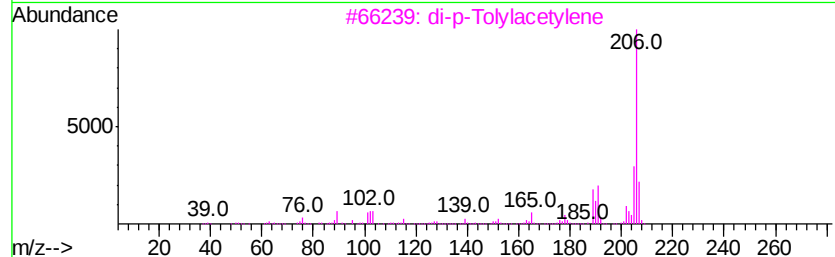
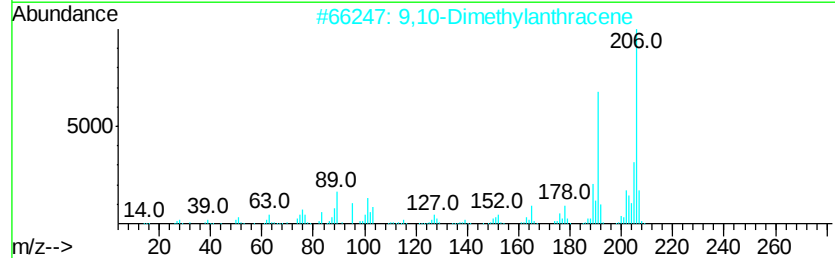
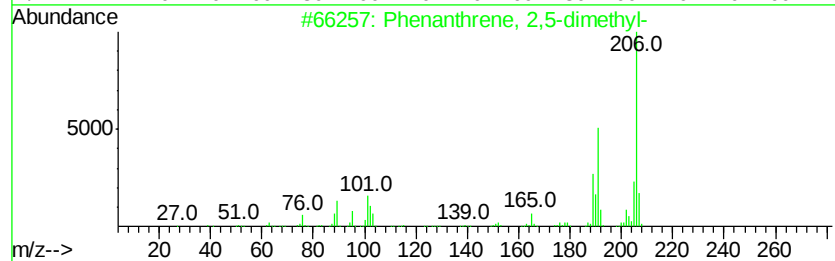
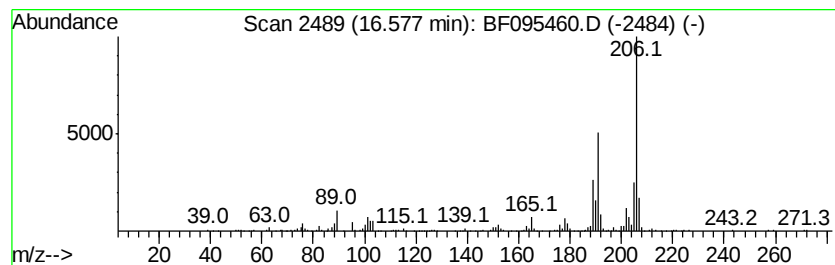
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ClientSampleId :
EP1-WC11(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.58	13.64 ng	468100	Phenanthrene-d10		14.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095460.D
Acq On : 26 May 2017 14:46
Operator : SJ/MA
Sample : I3241-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

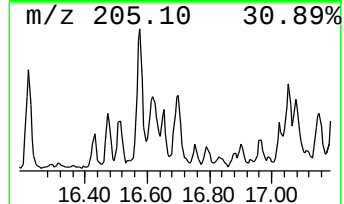
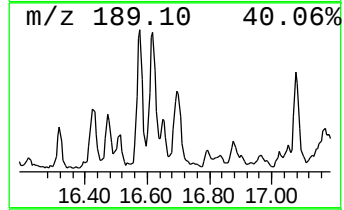
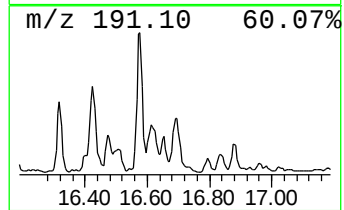
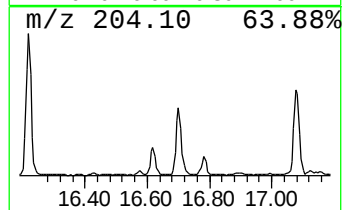
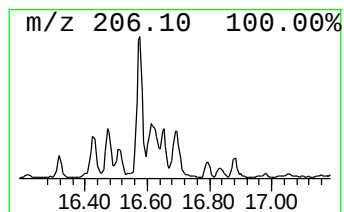
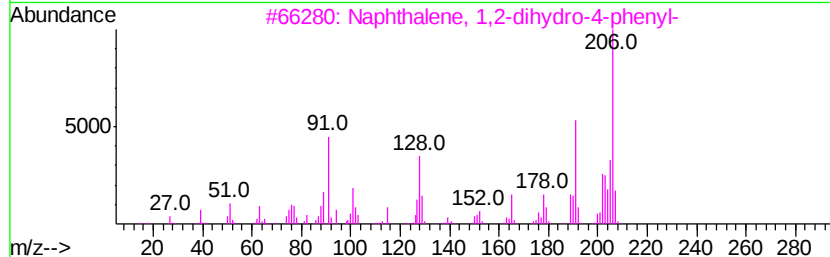
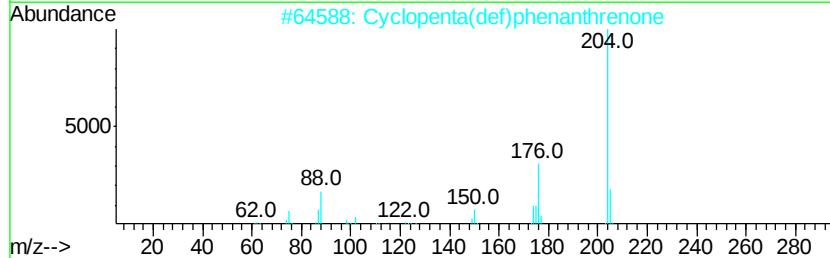
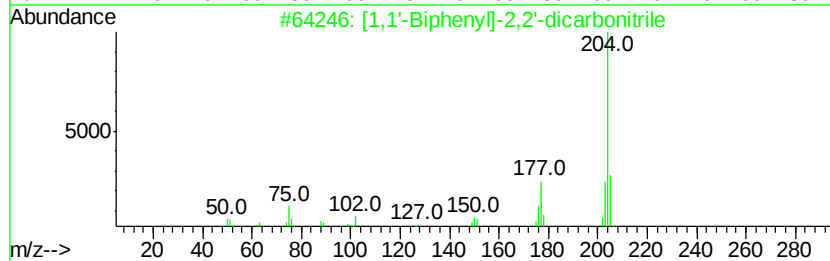
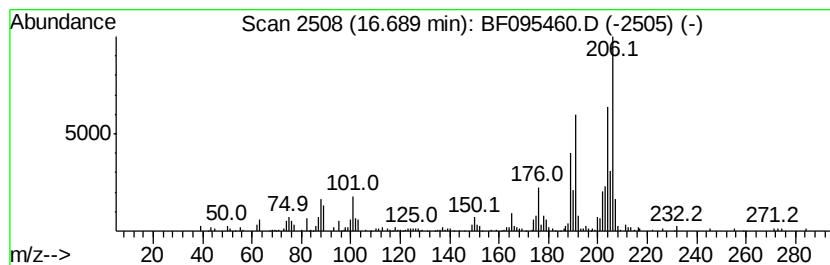
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 [1,1'-Biphenyl]-2,2'-dicarb... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.69	9.48 ng	325316	Phenanthrene-d10	14.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	49
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	46
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
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Acq On : 26 May 2017 14:46
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Sample : I3241-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

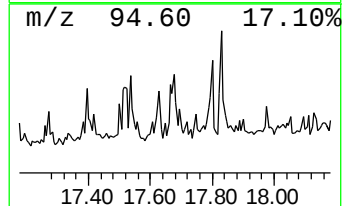
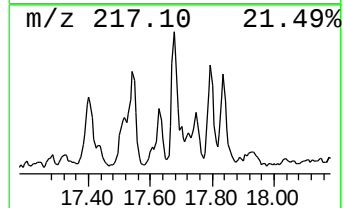
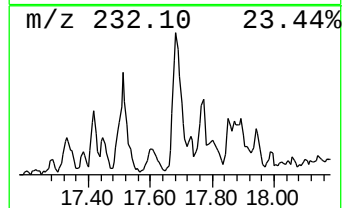
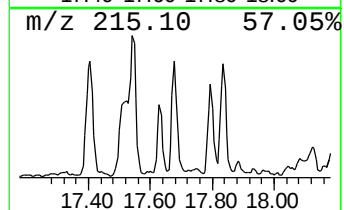
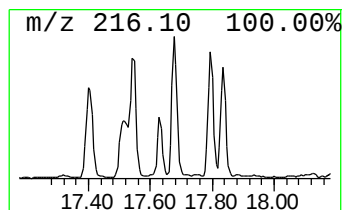
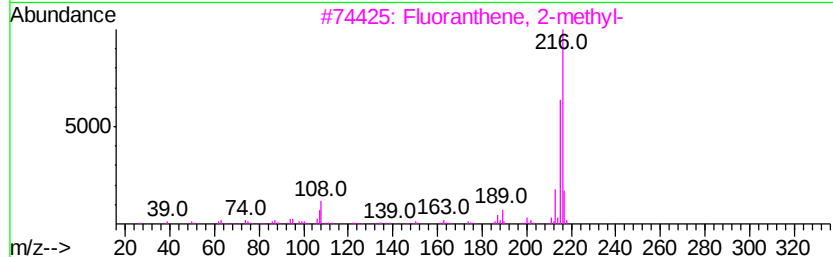
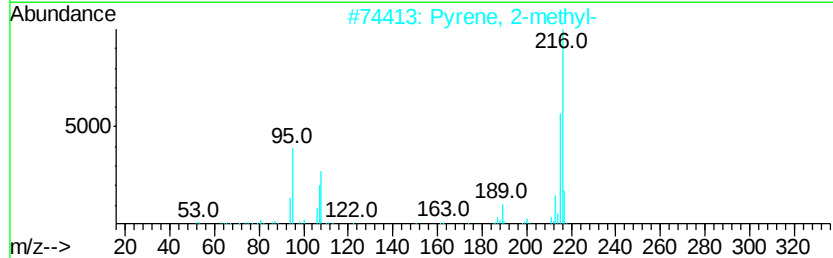
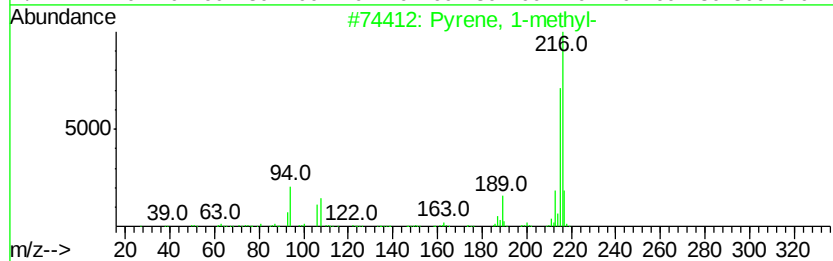
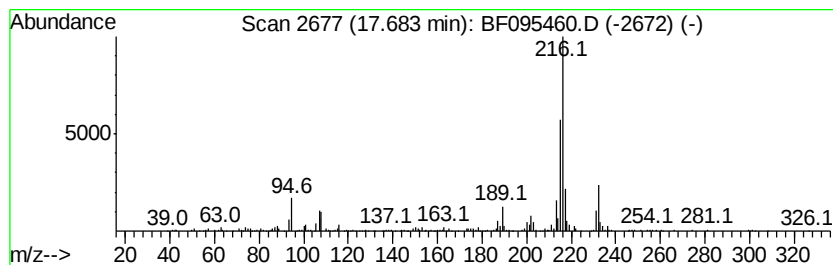
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.68	5.78 ng	498978	Chrysene-d12		18.68		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095460.D
Acq On : 26 May 2017 14:46
Operator : SJ/MA
Sample : I3241-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EP1-WC11(0-2)

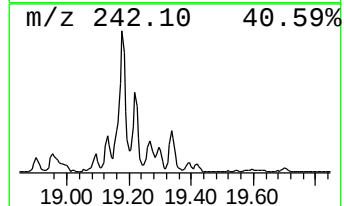
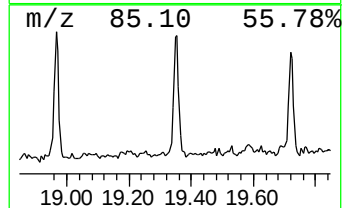
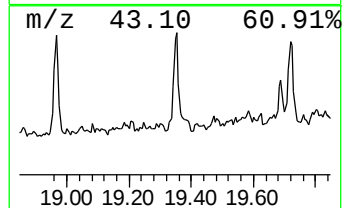
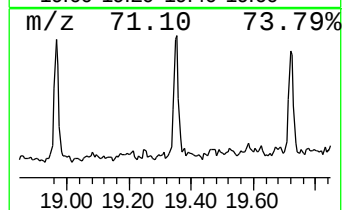
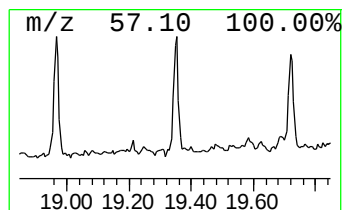
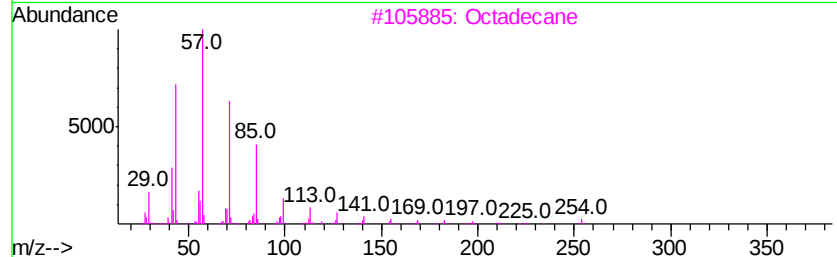
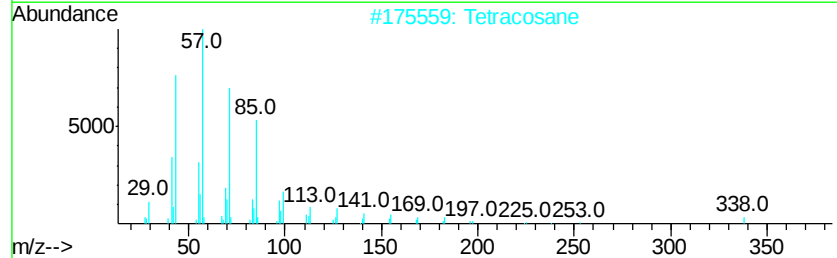
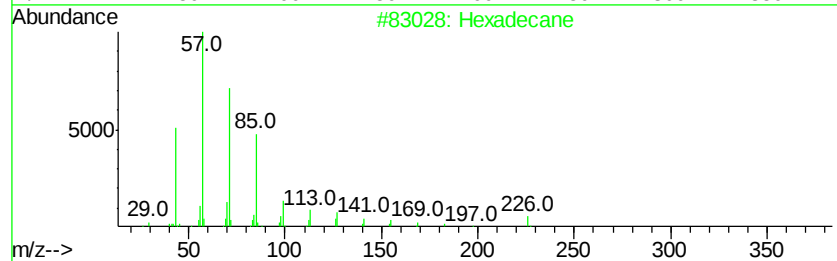
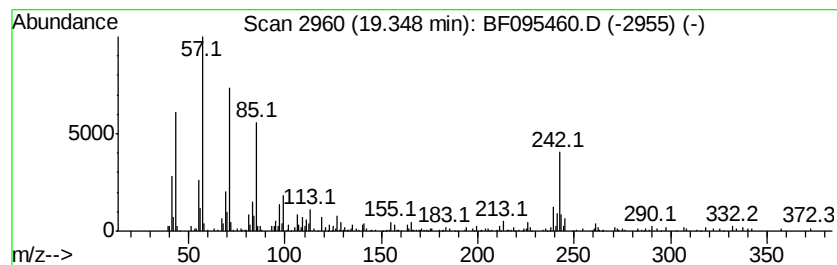
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	4.90 ng	422530	Chrysene-d12	18.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Tetracosane	338	C24H50	000646-31-1	86
3		Octadecane	254	C18H38	000593-45-3	64
4		Hexacosane	366	C26H54	000630-01-3	46
5		Heptadecane	240	C17H36	000629-78-7	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095460.D
Acq On : 26 May 2017 14:46
Operator : SJ/MA
Sample : I3241-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleID :
EP1-WC11(0-2)

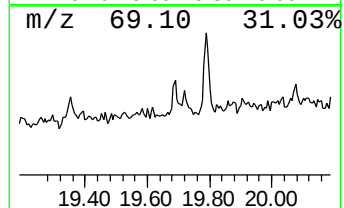
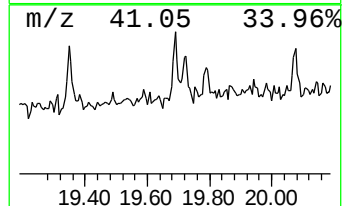
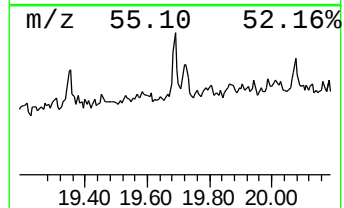
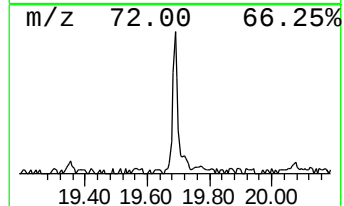
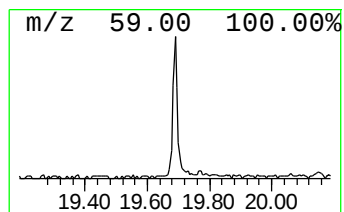
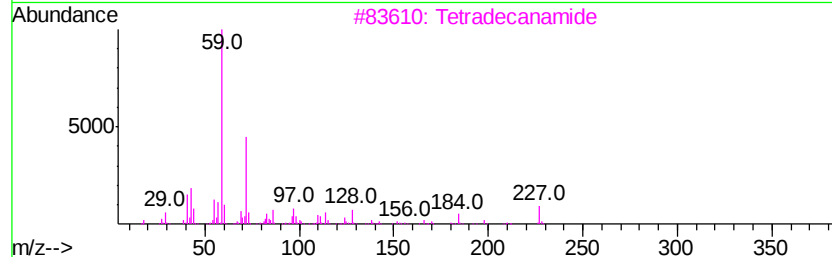
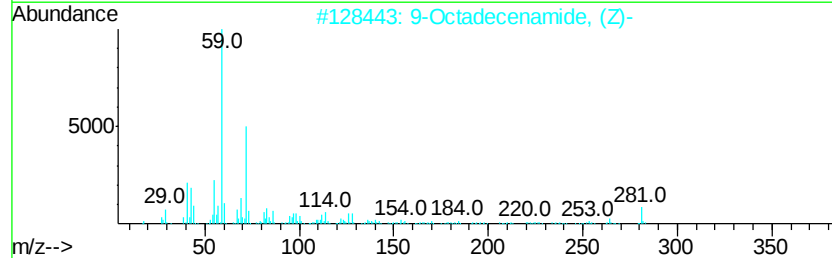
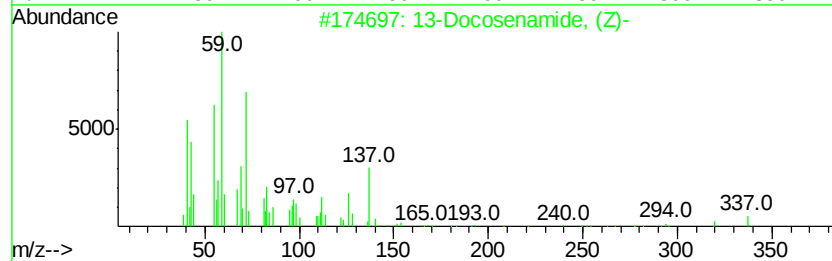
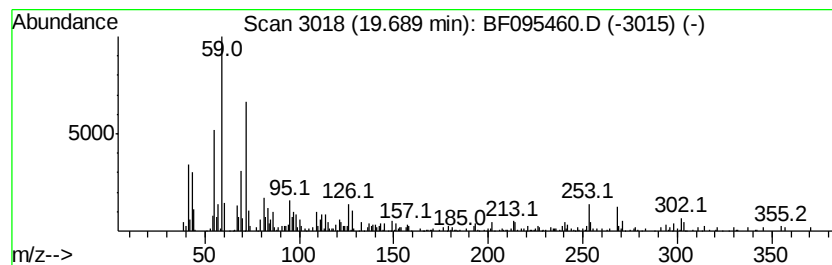
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 13-Docosenamide, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	7.78 ng	163008	Perylene-d12	20.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	86
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
3		Tetradecanamide	227	C14H29NO	000638-58-4	58
4		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	58
5		Octadecanamide	283	C18H37NO	000124-26-5	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
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Acq On : 26 May 2017 14:46
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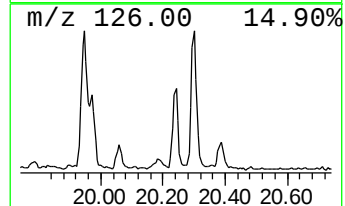
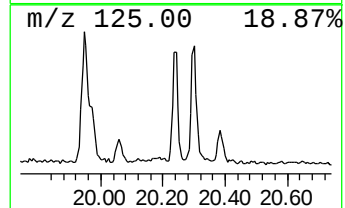
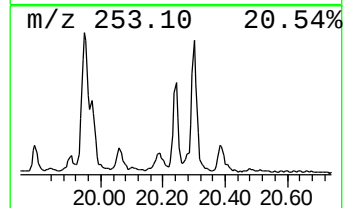
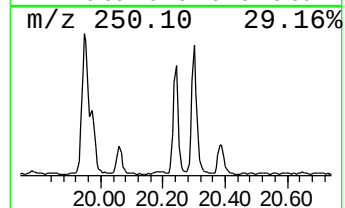
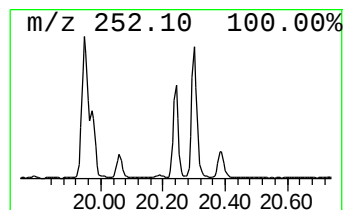
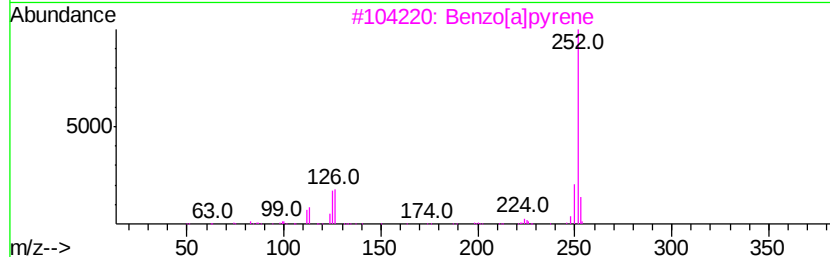
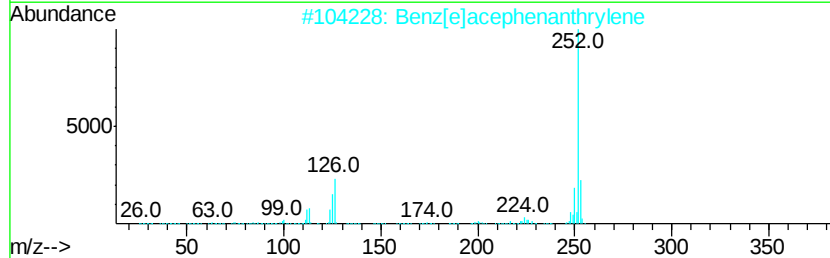
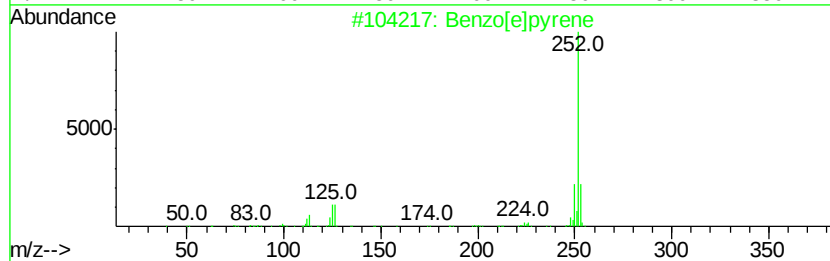
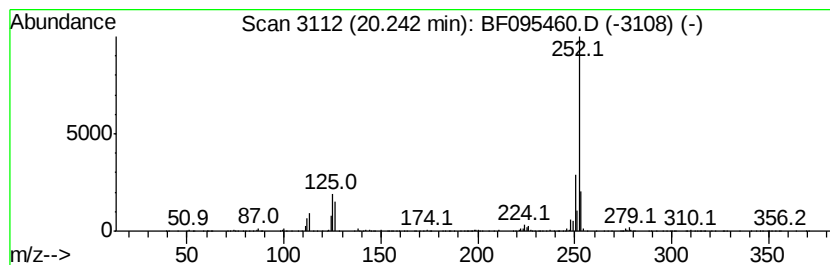
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	23.18 ng	485878	Perylene-d12	20.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]bpvrene	252 C20H12	000192-97-2 96
2		Benzo[e]acephenanthrylene	252 C20H12	000205-99-2 95
3		Benzo[a]bpvrene	252 C20H12	000050-32-8 95
4		Perylene	252 C20H12	000198-55-0 93
5		Benzo[j]fluoranthene	252 C20H12	000205-82-3 89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052617\
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 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC11(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown7.41	7.41	82.7	ng	2286370	1	7.74	552658	20.0
9H-Fluorene, 1-me...	14.39	5.9	ng	203197	4	14.99	686231	20.0
Naphtho[2,3-b]thi...	14.83	4.5	ng	155291	4	14.99	686231	20.0
Phenanthrene, 2-m...	15.78	18.3	ng	628736	4	14.99	686231	20.0
Anthracene, 1-met...	15.89	6.0	ng	204552	4	14.99	686231	20.0
4H-Cyclopenta[def...	15.93	24.9	ng	855633	4	14.99	686231	20.0
Naphthalene, 2-ph...	16.22	12.9	ng	444044	4	14.99	686231	20.0
9,10-Anthracenedione	16.28	7.1	ng	243375	4	14.99	686231	20.0
Anthracene, 2-ethyl-	16.42	4.5	ng	153029	4	14.99	686231	20.0
Phenanthrene, 2,5...	16.58	13.6	ng	468100	4	14.99	686231	20.0
[1,1'-Biphenyl]-2...	16.69	9.5	ng	325316	4	14.99	686231	20.0
Pyrene, 1-methyl-	17.68	5.8	ng	498978	5	18.68	1725320	20.0
Hexadecane	19.35	4.9	ng	422530	5	18.68	1725320	20.0
13-Docosenamide, ...	19.69	7.8	ng	163008	6	20.35	419176	20.0
Benzo[e]pyrene	20.24	23.2	ng	485878	6	20.35	419176	20.0