

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095462.D
 Acq On : 26 May 2017 15:50
 Operator : SJ/MA
 Sample : I3241-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC7(0-4)

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:\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	559	rBV	85926	218690	7.15%	0.402%
2	5.707	638	641	677	rBV	808119	2014986	65.86%	3.700%
3	7.290	906	910	926	rBV	935064	1900891	62.13%	3.490%
4	7.407	926	930	948	rVB	1372427	2321101	75.87%	4.262%
5	7.742	982	987	997	rBV	424853	541625	17.70%	0.994%
6	7.978	1022	1027	1048	rVB	1333142	1682553	55.00%	3.089%
7	8.642	1136	1140	1170	rBV	627772	1225556	40.06%	2.250%
8	9.766	1326	1331	1334	rBV	429869	629620	20.58%	1.156%
9	9.795	1334	1336	1363	rVB	191272	380841	12.45%	0.699%
10	10.925	1523	1528	1542	rBV	173054	274207	8.96%	0.503%
11	11.078	1548	1554	1568	rBV	167821	251155	8.21%	0.461%
12	11.530	1626	1631	1648	rBV	1791584	2416886	79.00%	4.438%
13	11.836	1679	1683	1694	rVB	83458	142227	4.65%	0.261%
14	12.066	1717	1722	1726	rBV	166037	246123	8.04%	0.452%
15	12.107	1726	1729	1742	rVV	88381	137586	4.50%	0.253%
16	12.230	1746	1750	1767	rVB2	164140	401811	13.13%	0.738%
17	12.377	1767	1775	1784	rBV3	81087	148055	4.84%	0.272%
18	12.595	1806	1812	1817	rBV2	591039	869902	28.43%	1.597%
19	12.648	1817	1821	1828	rVB	300233	417216	13.64%	0.766%
20	12.801	1841	1847	1853	rBV2	66642	143918	4.70%	0.264%
21	12.860	1853	1857	1864	rVB2	114889	153734	5.02%	0.282%
22	12.942	1864	1871	1879	rBV3	98859	227595	7.44%	0.418%
23	13.283	1922	1929	1932	rBV	59931	106600	3.48%	0.196%
24	13.424	1947	1953	1958	rBV3	86944	114675	3.75%	0.211%
25	13.489	1958	1964	1972	rVB	271563	382582	12.51%	0.702%
26	13.577	1972	1979	1980	rBV3	111097	136323	4.46%	0.250%
27	13.595	1980	1982	1985	rVV2	92436	119925	3.92%	0.220%
28	13.624	1985	1987	1992	rVB2	116944	135520	4.43%	0.249%
29	13.895	2028	2033	2041	rBV	704796	1117083	36.51%	2.051%
30	14.389	2110	2117	2121	rBV	139649	272505	8.91%	0.500%
31	14.430	2121	2124	2130	rVB2	106549	141752	4.63%	0.260%
32	14.518	2130	2139	2144	rVB3	74292	172371	5.63%	0.316%
33	14.624	2151	2157	2160	rBV5	76288	121970	3.99%	0.224%
34	14.724	2170	2174	2179	rBV2	91887	127734	4.18%	0.235%

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

35	14.777	2179	2183	2188	rVV3	110548	168355	5.50%	0.309%
36	14.830	2188	2192	2196	rVB	185278	220418	7.20%	0.405%
37	14.995	2214	2220	2223	rBV	498088	658861	21.54%	1.210%
38	15.042	2223	2228	2237	rVB	2386617	3059387	100.00%	5.617%
39	15.118	2237	2241	2246	rBV	399224	520097	17.00%	0.955%
40	15.213	2252	2257	2260	rBV	81523	110632	3.62%	0.203%
41	15.518	2305	2309	2314	rVB	225980	268335	8.77%	0.493%
42	15.648	2326	2331	2337	rBV	141362	219914	7.19%	0.404%
43	15.777	2348	2353	2357	rVV	848519	1003503	32.80%	1.843%
44	15.818	2357	2360	2365	rVV	871352	1026630	33.56%	1.885%
45	15.889	2369	2372	2375	rVV	223864	266216	8.70%	0.489%
46	15.930	2375	2379	2383	rVV2	917882	1358403	44.40%	2.494%
47	15.971	2383	2386	2393	rVB	691213	846221	27.66%	1.554%
48	16.071	2399	2403	2408	rBV5	64166	113867	3.72%	0.209%
49	16.124	2408	2412	2418	rVV2	112903	172259	5.63%	0.316%
50	16.218	2424	2428	2435	rVV	346247	585339	19.13%	1.075%
51	16.277	2435	2438	2442	rVV2	197308	282091	9.22%	0.518%
52	16.318	2442	2445	2448	rVB	123189	123851	4.05%	0.227%
53	16.424	2460	2463	2467	rVV2	212118	264517	8.65%	0.486%
54	16.477	2468	2472	2475	rVV	170517	202077	6.61%	0.371%
55	16.507	2475	2477	2481	rVB	111775	122367	4.00%	0.225%
56	16.577	2484	2489	2492	rBV	602900	809893	26.47%	1.487%
57	16.618	2492	2496	2500	rVV3	276117	395384	12.92%	0.726%
58	16.654	2500	2502	2505	rVB	159970	139349	4.55%	0.256%
59	16.695	2505	2509	2514	rBV2	337086	533711	17.45%	0.980%
60	16.783	2520	2524	2528	rBV	1531442	1860437	60.81%	3.416%
61	16.877	2535	2540	2543	rBV3	158055	233237	7.62%	0.428%
62	16.907	2543	2545	2552	rVB4	84874	133552	4.37%	0.245%
63	16.977	2553	2557	2561	rBV3	83940	106438	3.48%	0.195%
64	17.018	2561	2564	2567	rBV3	142153	184493	6.03%	0.339%
65	17.089	2571	2576	2580	rVV	2233292	2890878	94.49%	5.308%
66	17.154	2583	2587	2592	rVB4	90454	135068	4.41%	0.248%
67	17.201	2592	2595	2598	rVB	120548	139955	4.57%	0.257%
68	17.271	2603	2607	2610	rBV2	110506	137918	4.51%	0.253%
69	17.318	2610	2615	2623	rVB	1382949	1735028	56.71%	3.186%
70	17.401	2623	2629	2633	rBV	302642	515955	16.86%	0.947%
71	17.518	2645	2649	2651	rBV3	198710	356090	11.64%	0.654%

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72	17.542	2651	2653	2659	rVB	368203	460459	15.05%	0.845%
73	17.630	2665	2668	2672	rVB2	240585	275624	9.01%	0.506%
74	17.677	2672	2676	2682	rBV2	538952	836173	27.33%	1.535%
75	17.795	2692	2696	2700	rBV	380856	422317	13.80%	0.775%
76	17.836	2700	2703	2708	rVB	355039	396787	12.97%	0.729%
77	17.971	2723	2726	2731	rVB3	95619	132321	4.33%	0.243%
78	18.183	2759	2762	2765	rBV3	84069	123638	4.04%	0.227%
79	18.230	2767	2770	2774	rVV	209973	248530	8.12%	0.456%
80	18.295	2778	2781	2785	rBV	93816	103939	3.40%	0.191%
81	18.348	2786	2790	2792	rBV2	197122	269433	8.81%	0.495%
82	18.377	2792	2795	2799	rVB2	334879	366046	11.96%	0.672%
83	18.506	2811	2817	2822	rBV	188302	314756	10.29%	0.578%
84	18.565	2824	2827	2831	rVB2	126744	159520	5.21%	0.293%
85	18.665	2839	2844	2848	rBV2	1174073	1862050	60.86%	3.419%
86	18.712	2848	2852	2858	rVB	1098045	1438844	47.03%	2.642%
87	18.801	2863	2867	2871	rBV3	142460	215305	7.04%	0.395%
88	18.995	2898	2900	2905	rVB3	98864	138595	4.53%	0.254%
89	19.177	2925	2931	2935	rVV	421770	562361	18.38%	1.033%
90	19.218	2935	2938	2942	rVB	245788	264707	8.65%	0.486%
91	19.295	2943	2951	2954	rVB4	135124	314746	10.29%	0.578%
92	19.336	2954	2958	2960	rBV2	139966	175869	5.75%	0.323%
93	19.683	3014	3017	3025	rVB3	274883	395831	12.94%	0.727%
94	19.948	3058	3062	3065	rBV	647821	880226	28.77%	1.616%
95	20.053	3078	3080	3085	rBV	99252	122679	4.01%	0.225%
96	20.236	3108	3111	3117	rBV	503984	584742	19.11%	1.074%
97	20.295	3118	3121	3127	rVV	598269	747293	24.43%	1.372%
98	20.353	3128	3131	3134	rVV	370834	385252	12.59%	0.707%
99	21.683	3353	3357	3363	rBV	188238	311707	10.19%	0.572%
100	22.071	3419	3423	3434	rVB	174172	356843	11.66%	0.655%

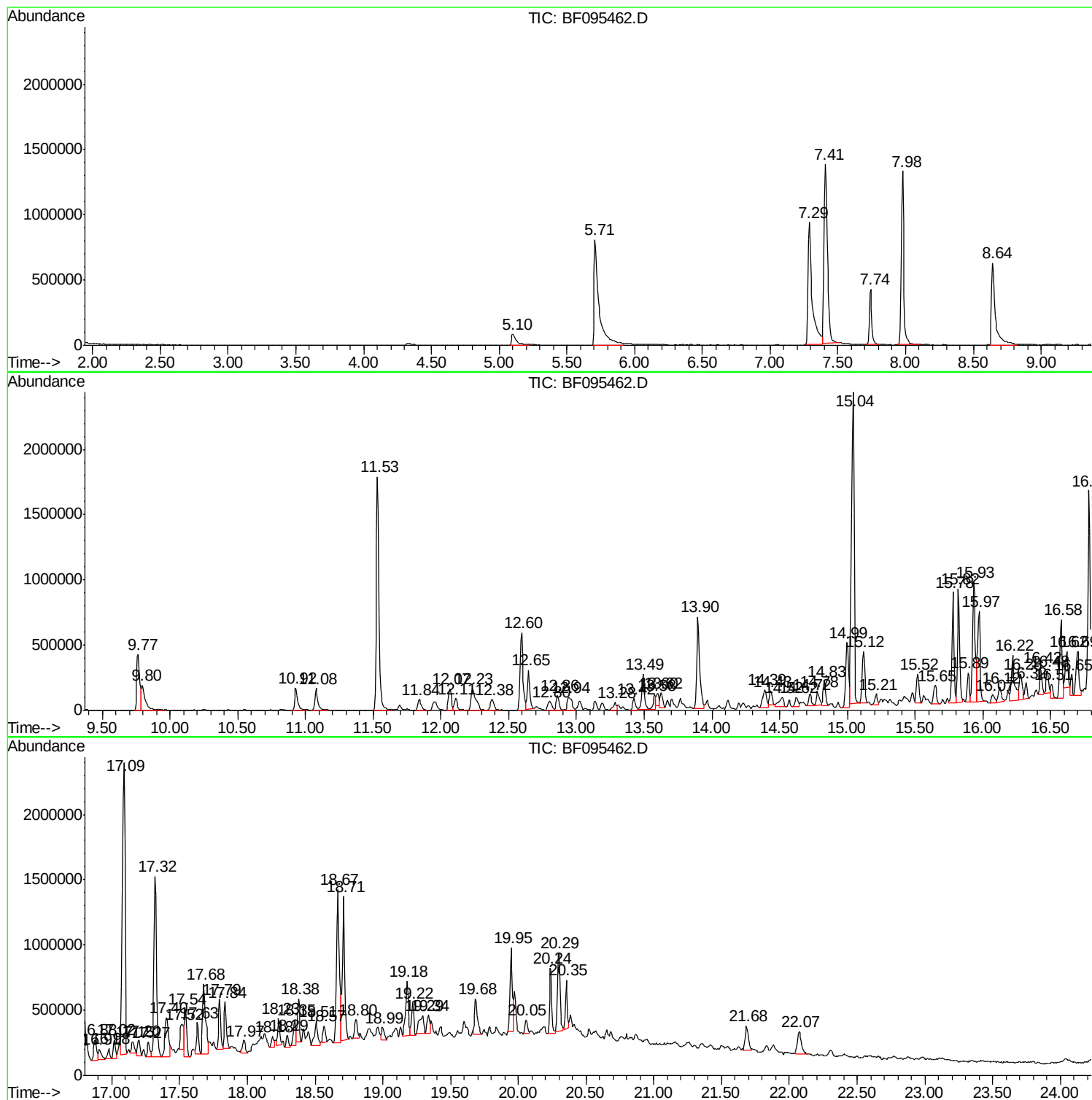
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Instrument :
BNA_F
ClientSampled :
EP1-WC7(0-4)

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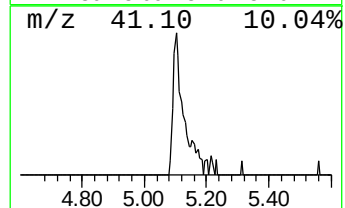
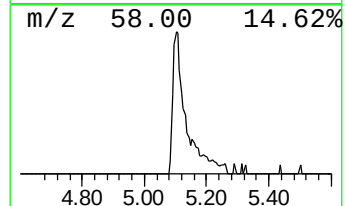
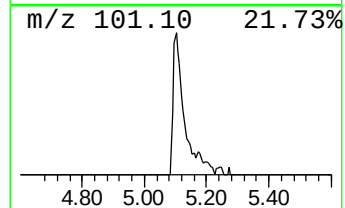
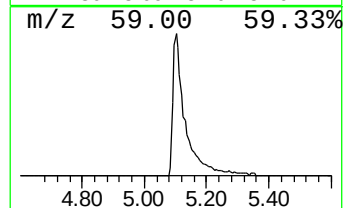
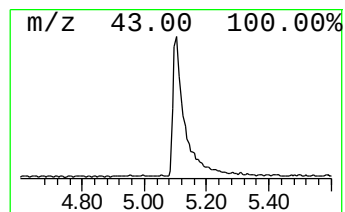
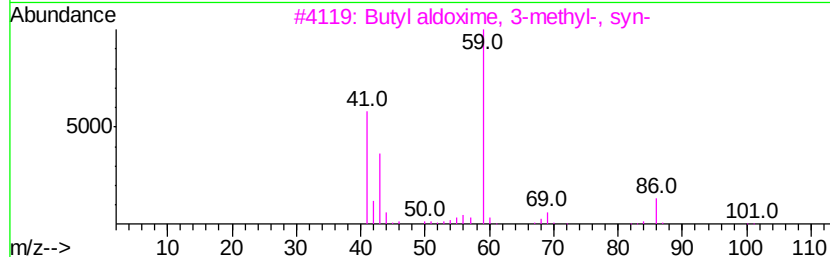
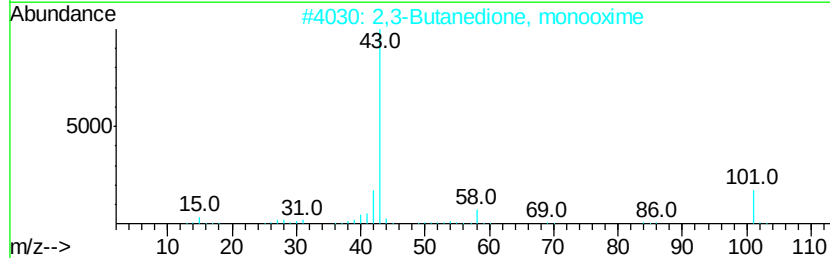
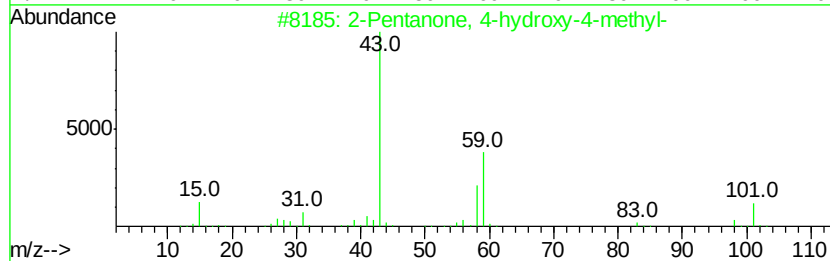
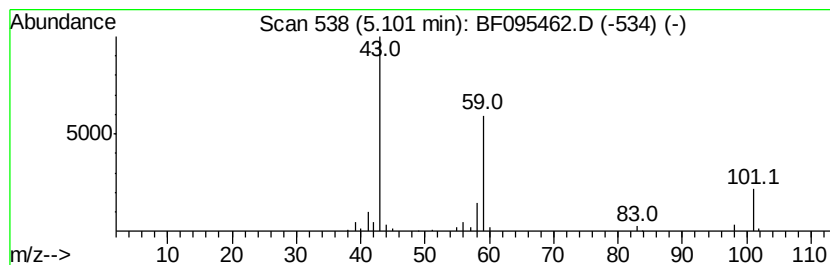
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	8.08 ng	218690	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	72
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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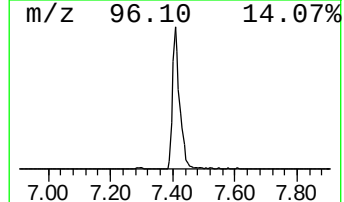
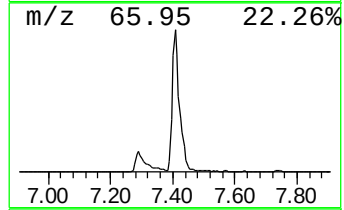
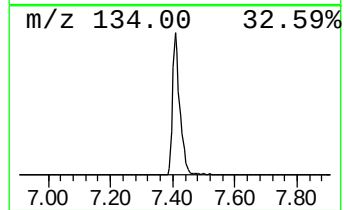
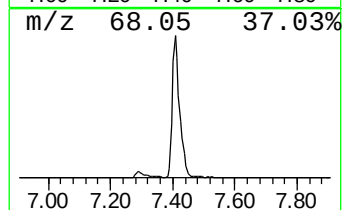
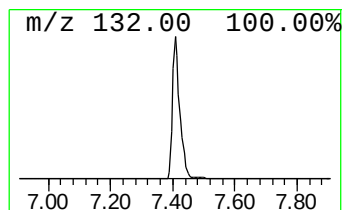
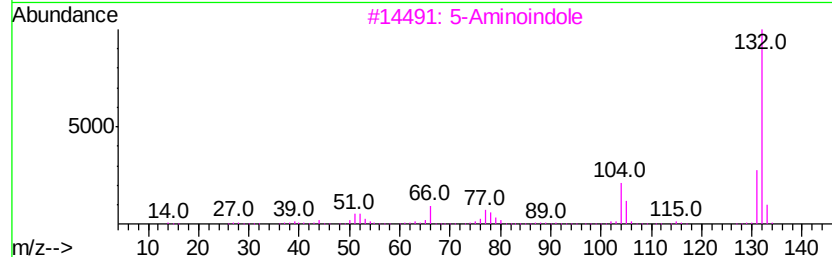
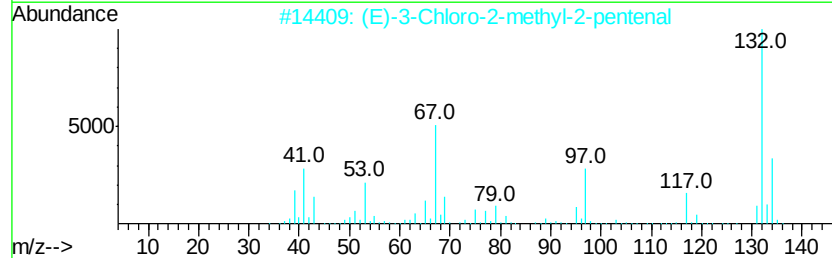
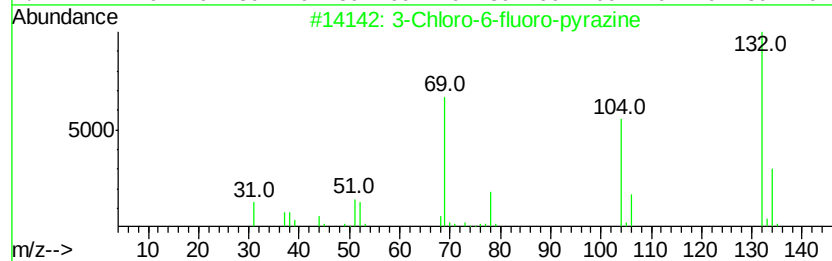
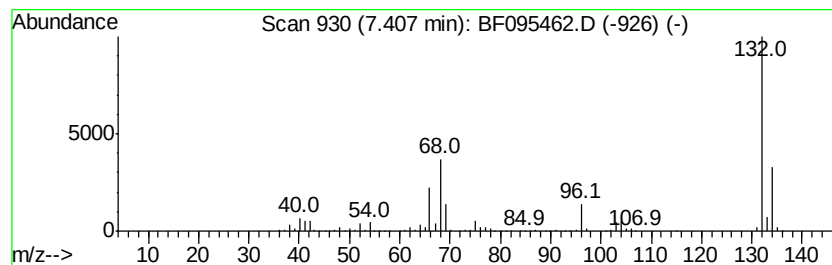
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	85.71 ng	2321100	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	35
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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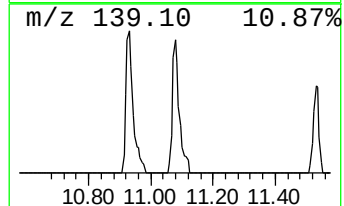
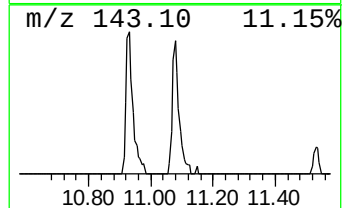
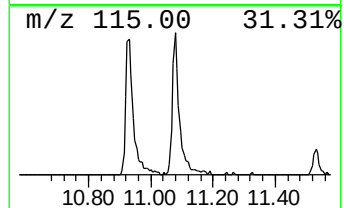
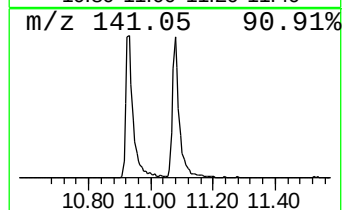
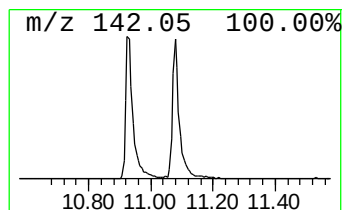
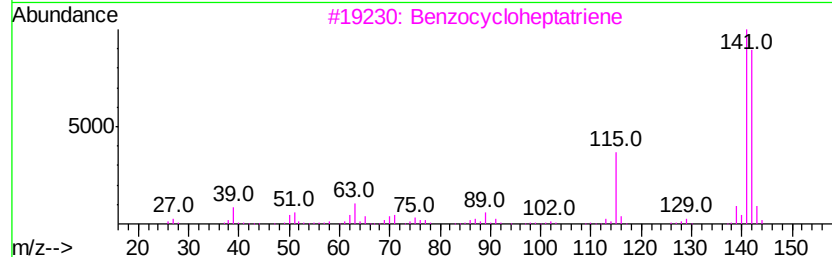
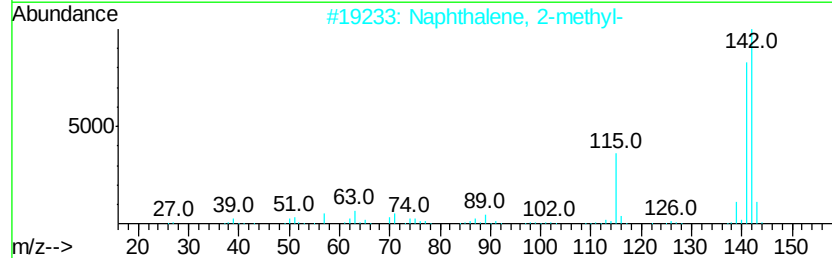
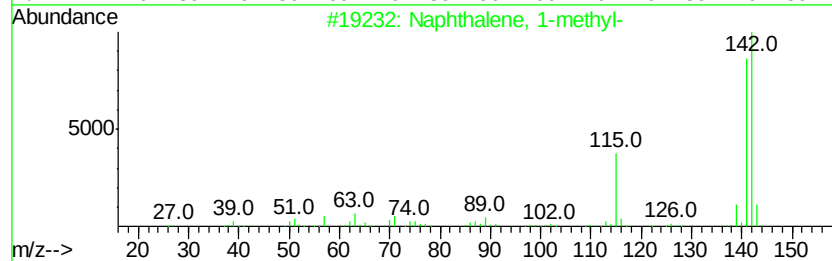
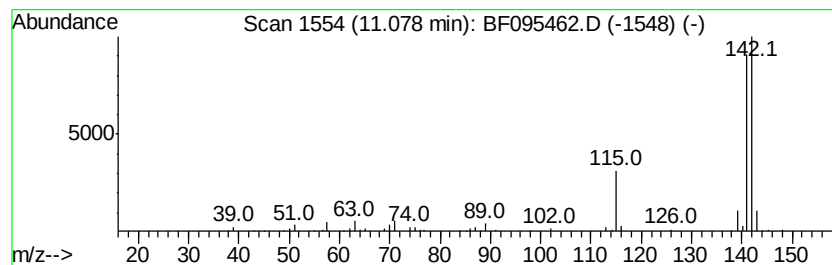
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	7.98 ng	251155	Naphthalene-d8	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
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Operator : SJ/MA
Sample : I3241-09
Misc :
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ClientSampleId :
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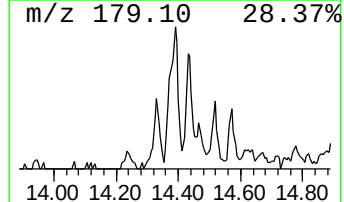
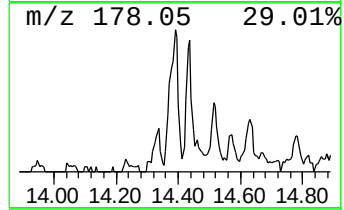
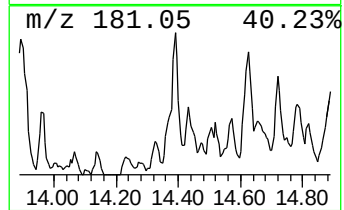
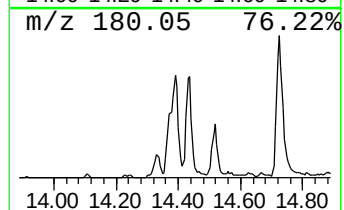
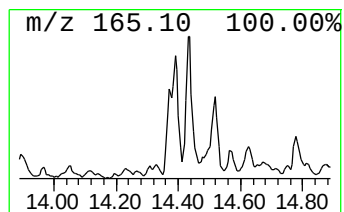
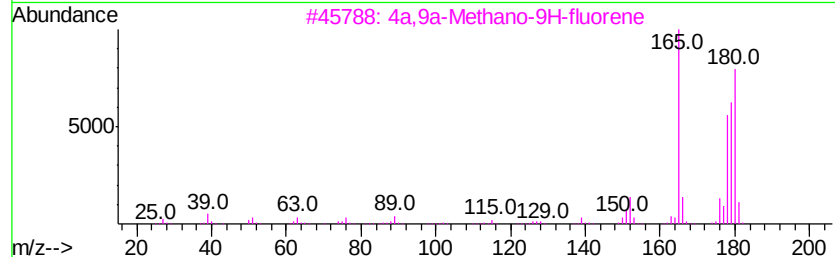
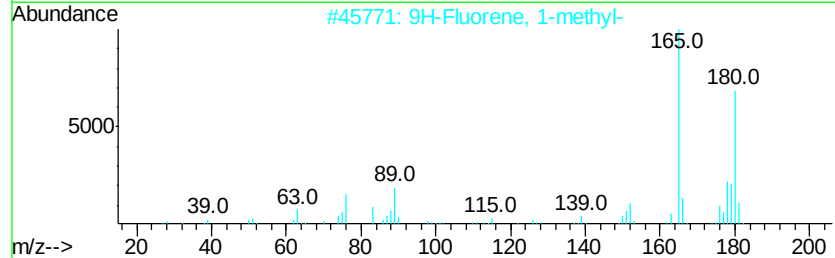
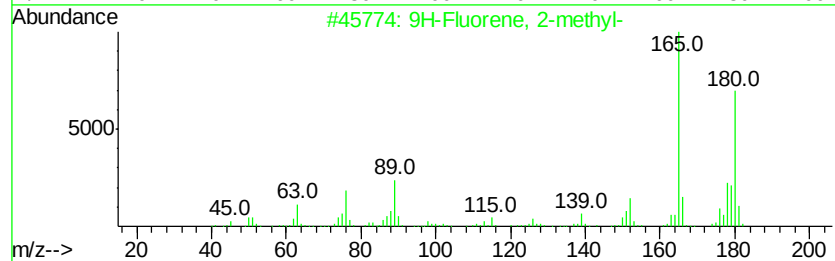
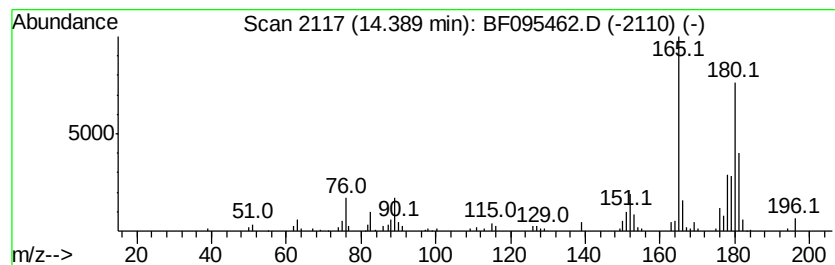
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	8.27 ng	272505	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
4		(E)-Stilbene	180	C14H12	000103-30-0	86
5		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	70



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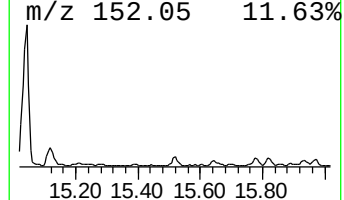
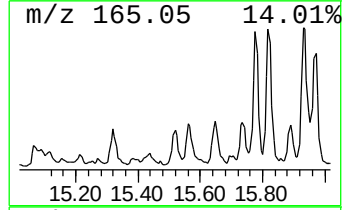
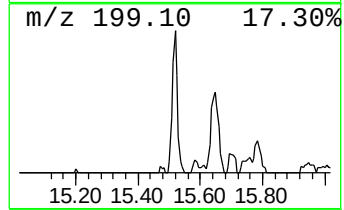
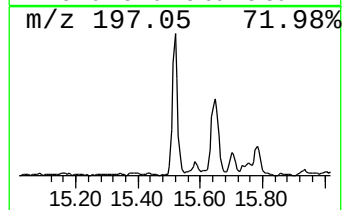
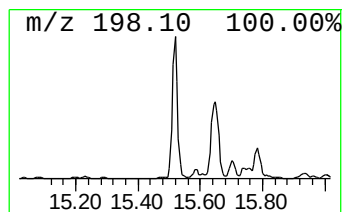
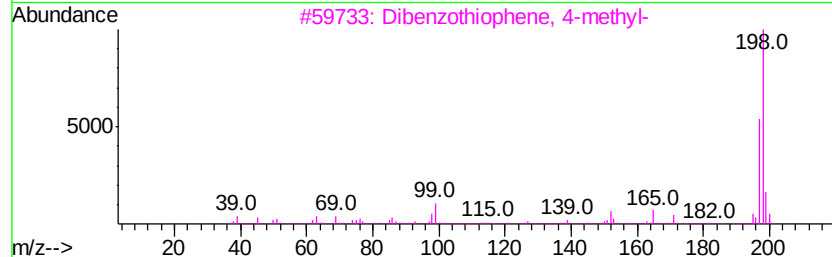
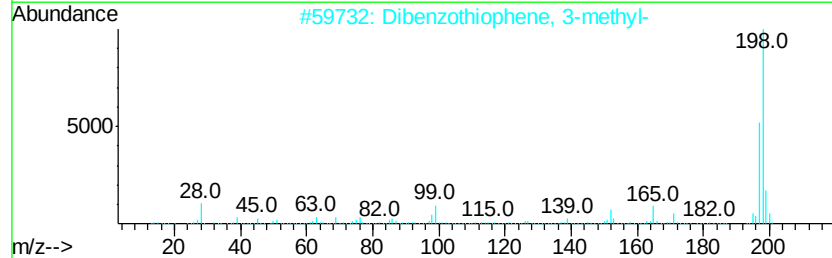
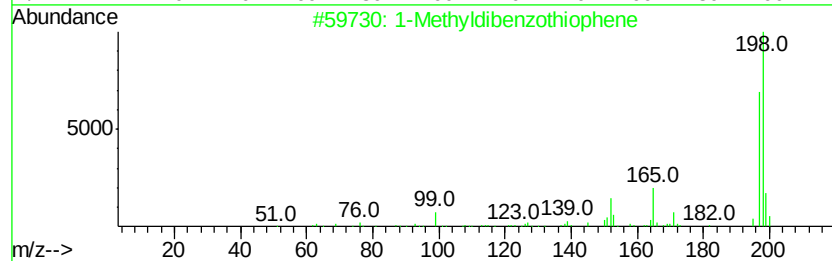
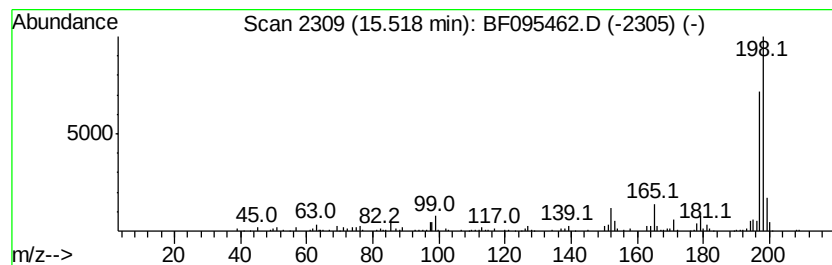
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Methyldibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	8.15 ng	268335	Phenanthrene-d10	14.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	96
3		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	95
4		4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	87
5		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095462.D
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ClientSampleId :
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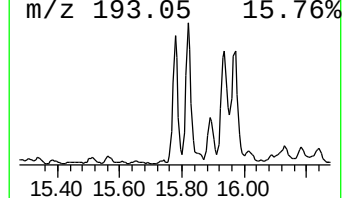
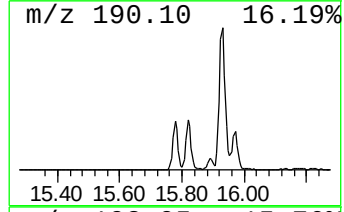
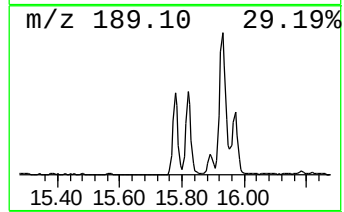
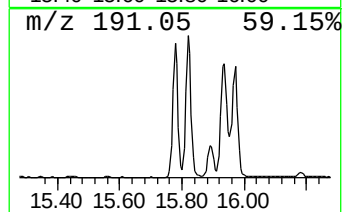
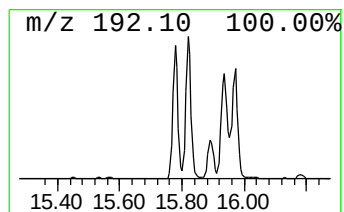
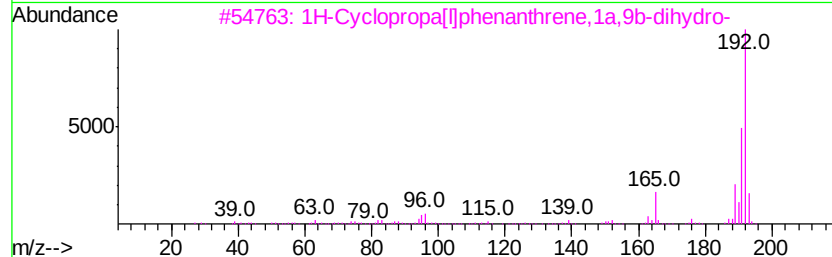
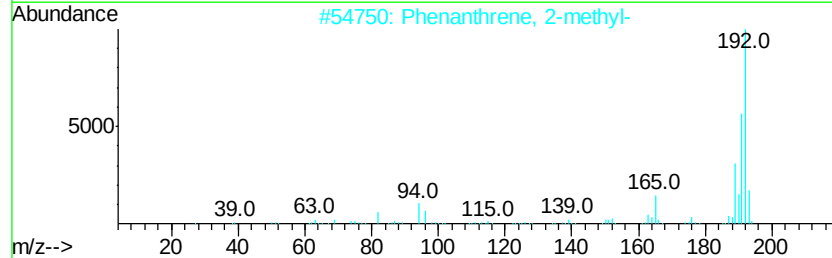
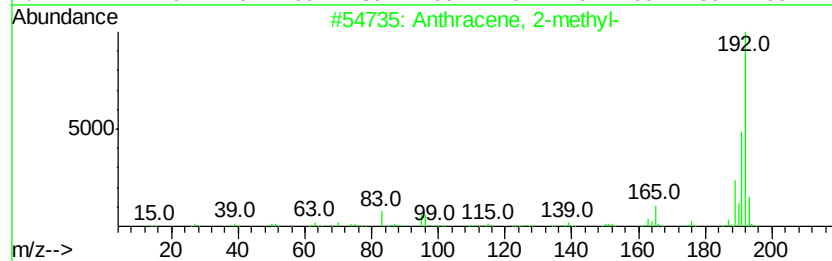
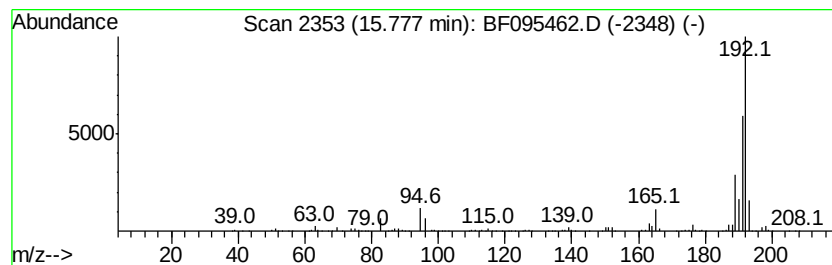
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	30.46 ng	1003500	Phenanthrene-d10	14.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095462.D
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ClientSampleId :
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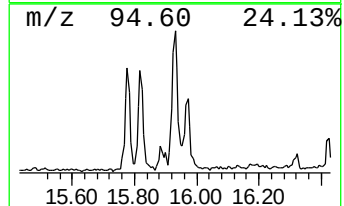
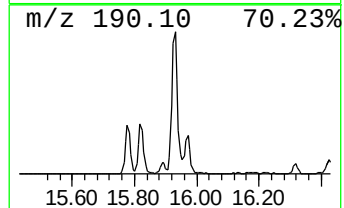
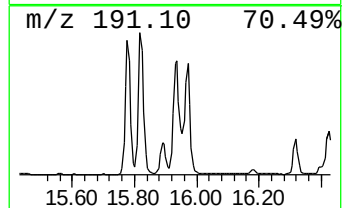
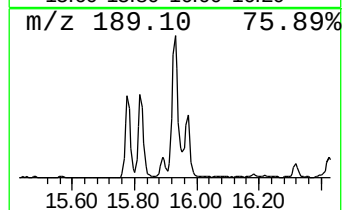
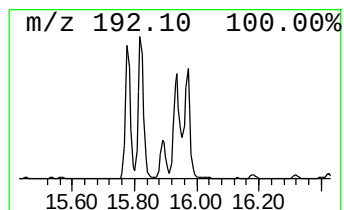
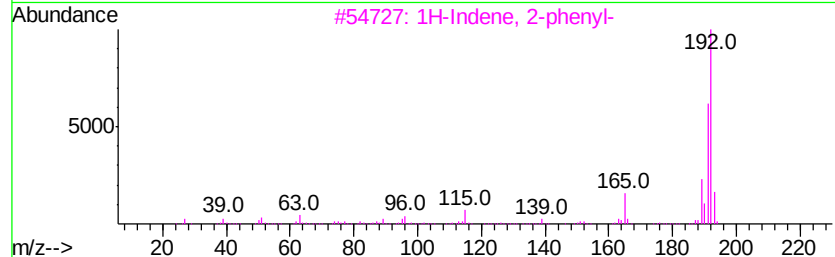
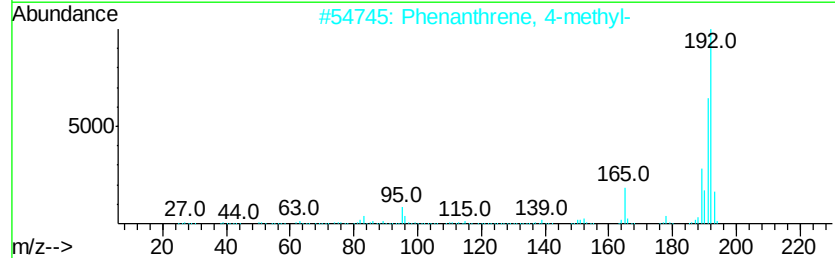
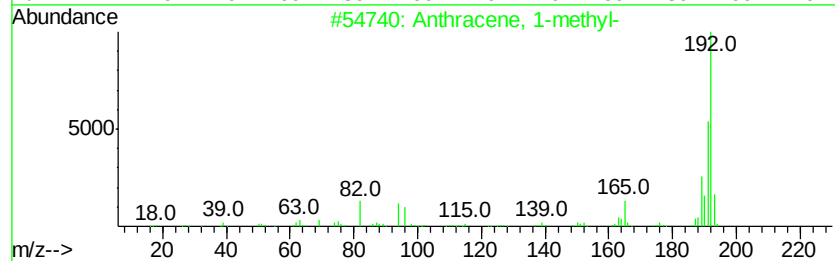
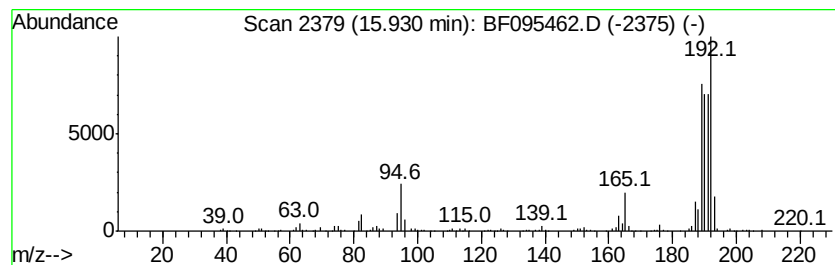
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	41.23 ng	1358400	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095462.D
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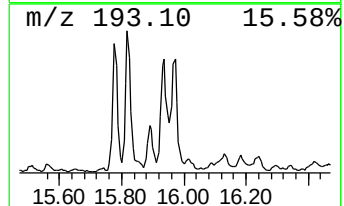
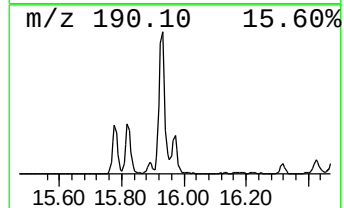
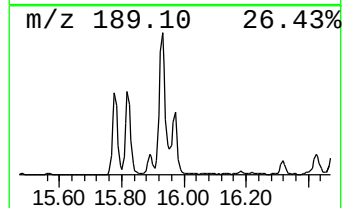
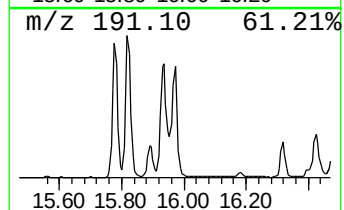
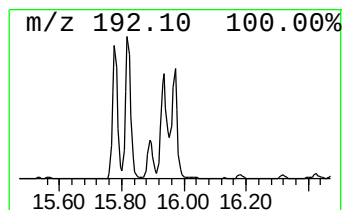
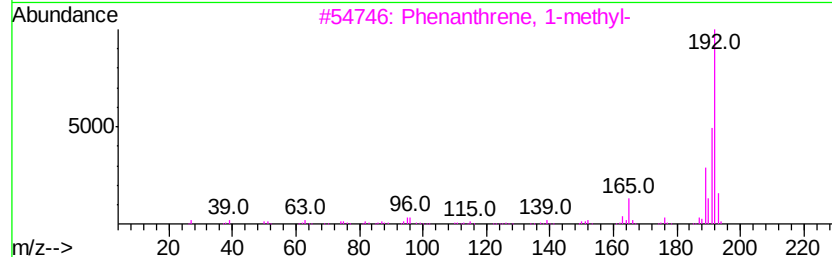
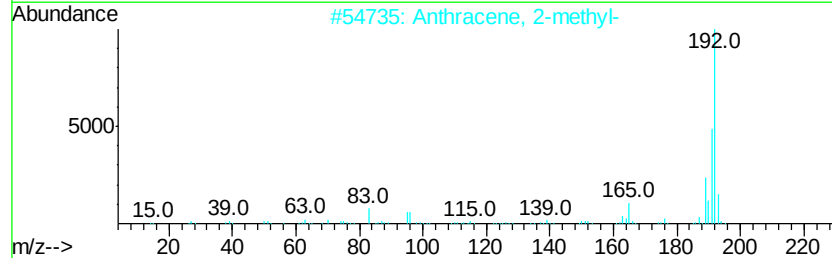
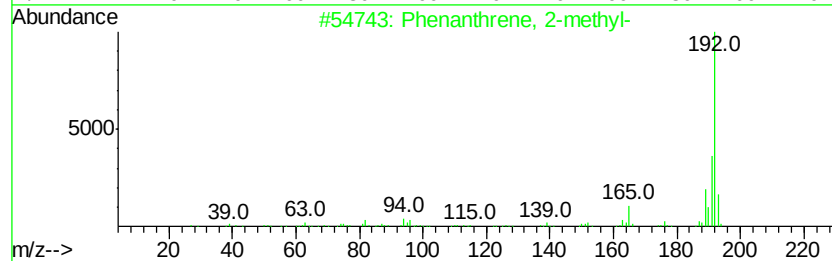
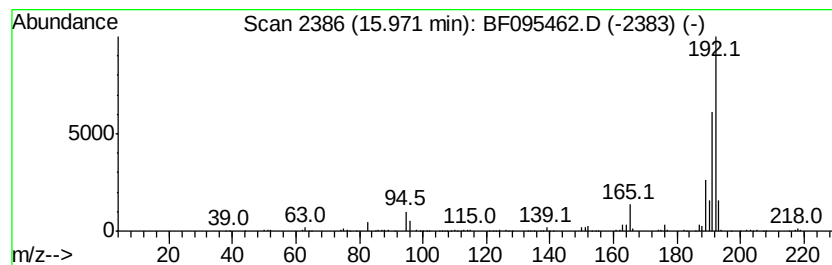
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	25.69 ng	846221	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



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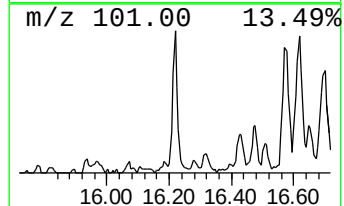
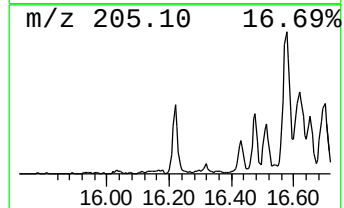
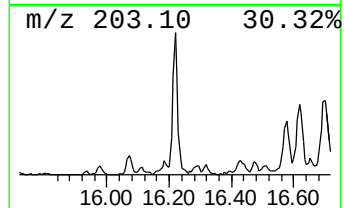
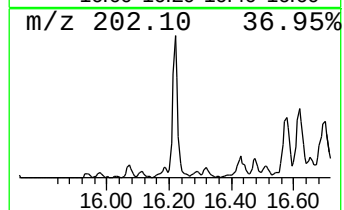
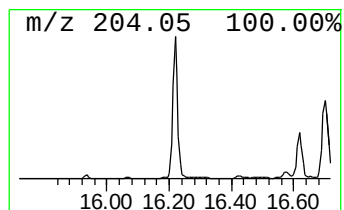
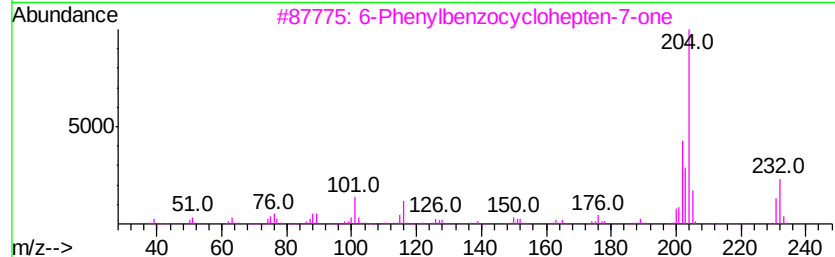
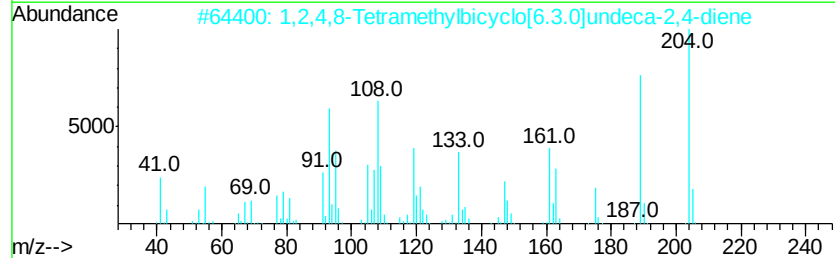
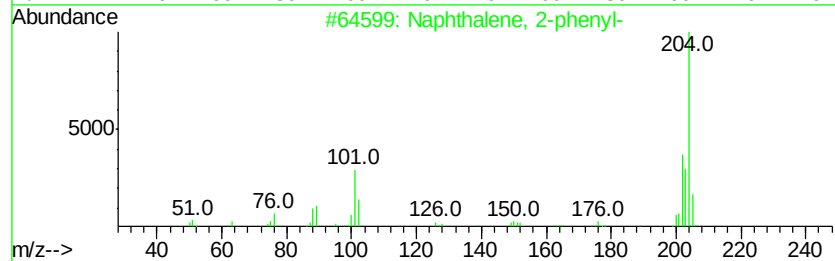
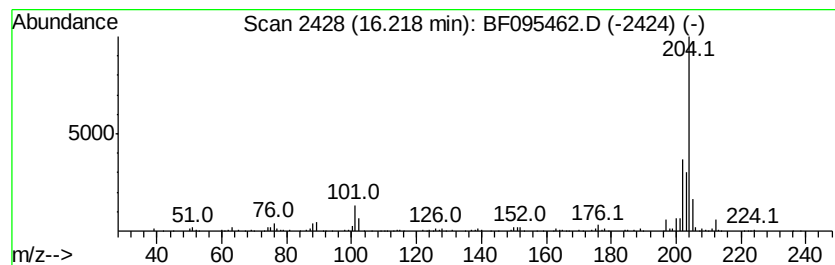
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	17.77 ng	585339	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	95
3		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	72
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095462.D
Acq On : 26 May 2017 15:50
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ClientSampleId :
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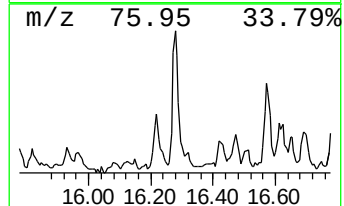
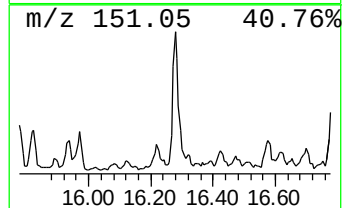
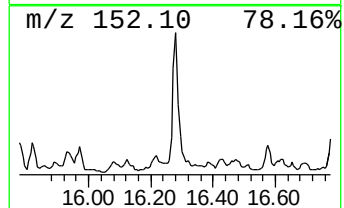
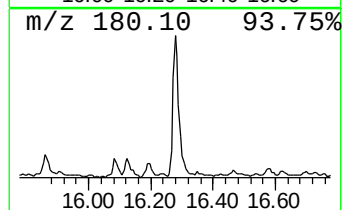
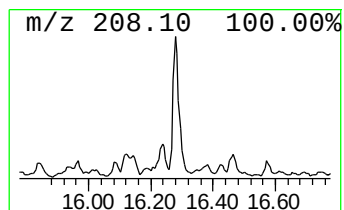
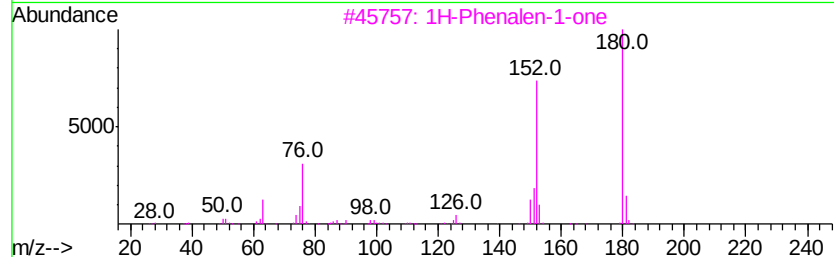
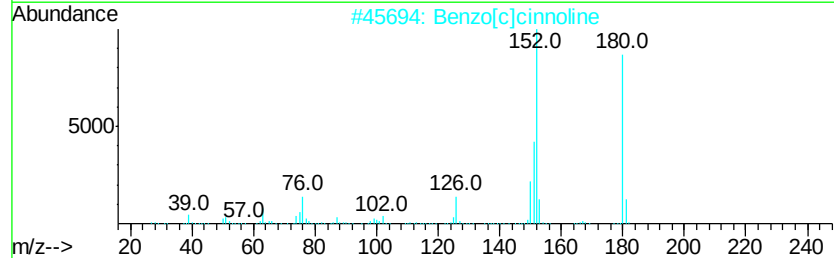
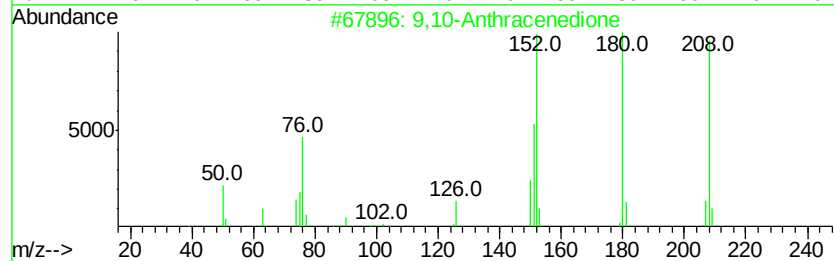
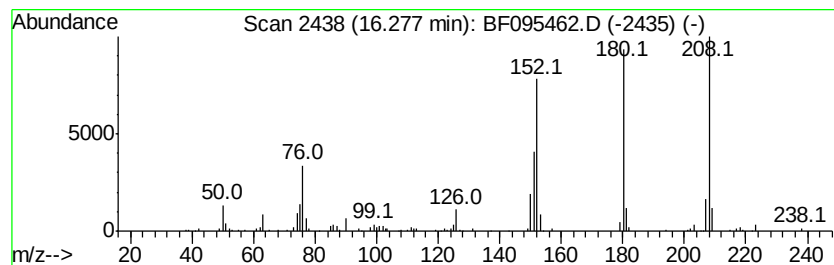
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	8.56 ng	282091	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095462.D
Acq On : 26 May 2017 15:50
Operator : SJ/MA
Sample : I3241-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

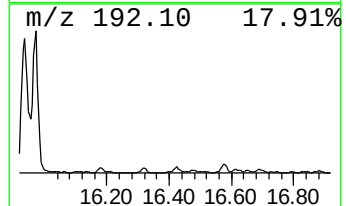
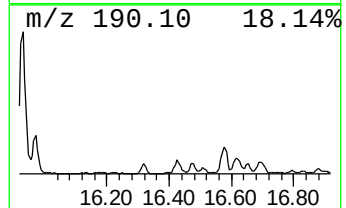
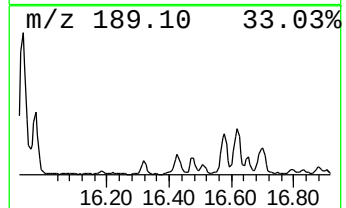
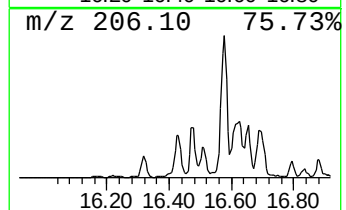
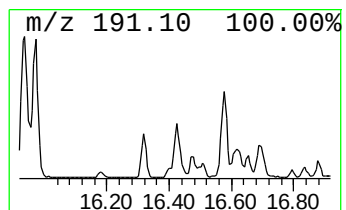
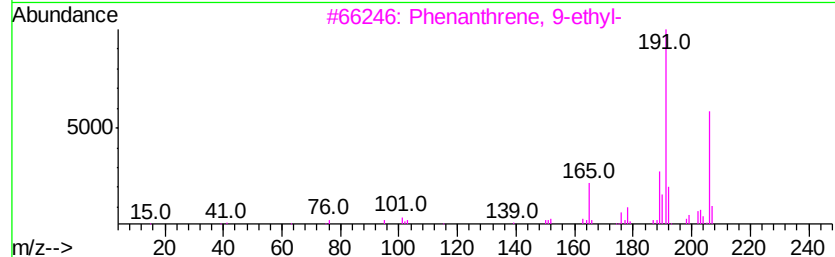
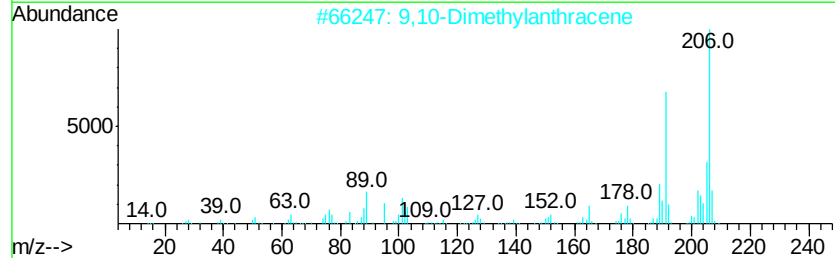
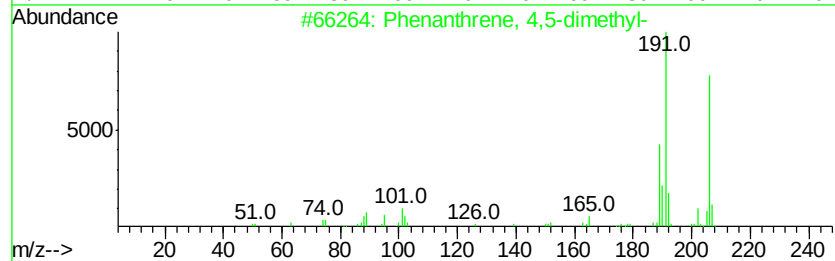
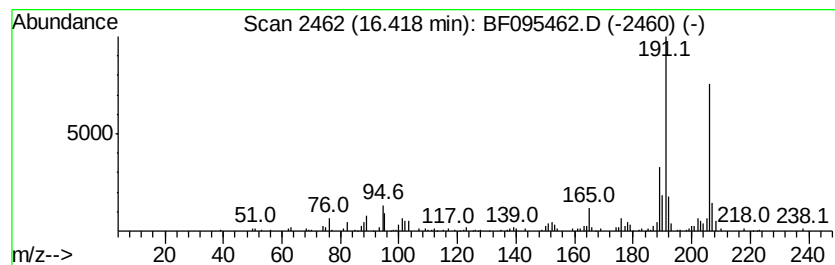
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ClientSampleId :
EP1-WC7(0-4)

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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 14 Phenanthrene, 4,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.42	8.03 ng	264517	Phenanthrene-d10		14.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	98
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 9-ethyl-	206	C16H14	003674-75-7	90
4	Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	76
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
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Instrument :
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ClientSampleId :
EP1-WC7(0-4)

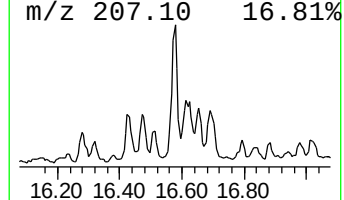
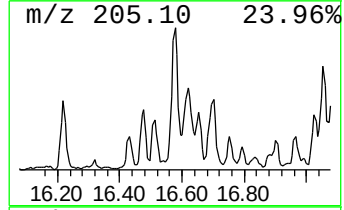
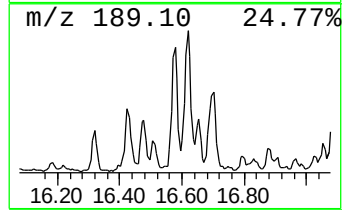
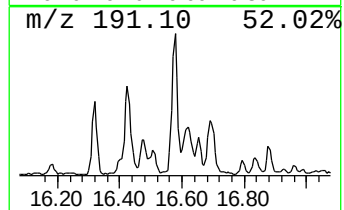
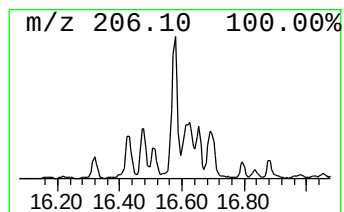
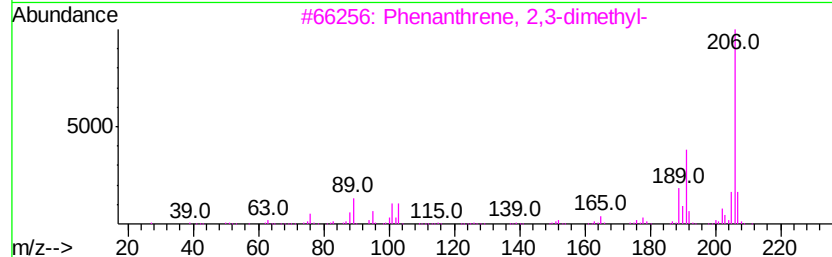
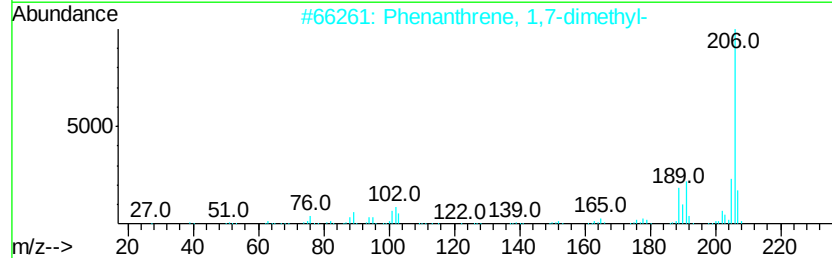
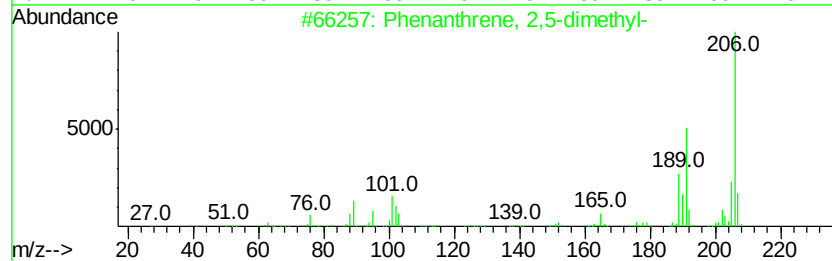
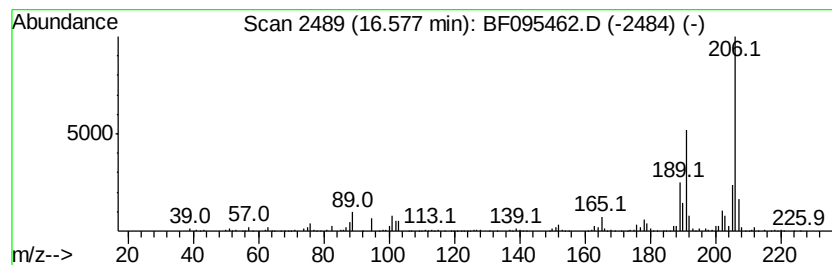
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	24.58 ng	809893	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
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Operator : SJ/MA
Sample : I3241-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

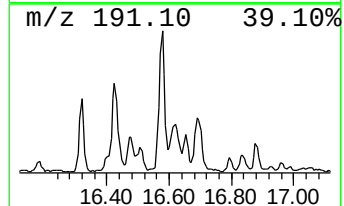
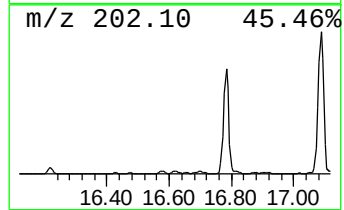
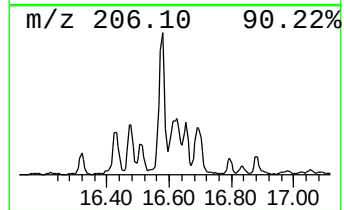
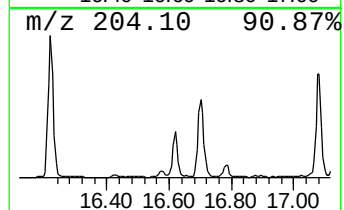
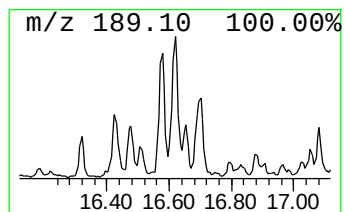
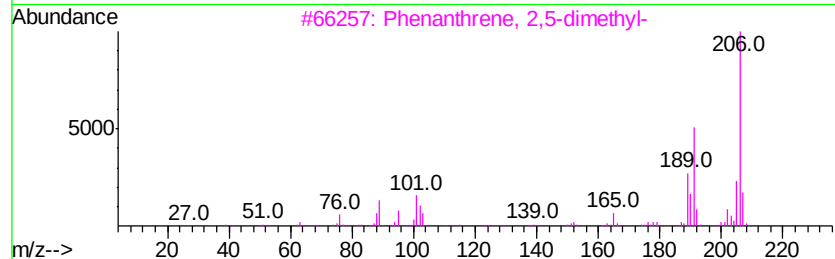
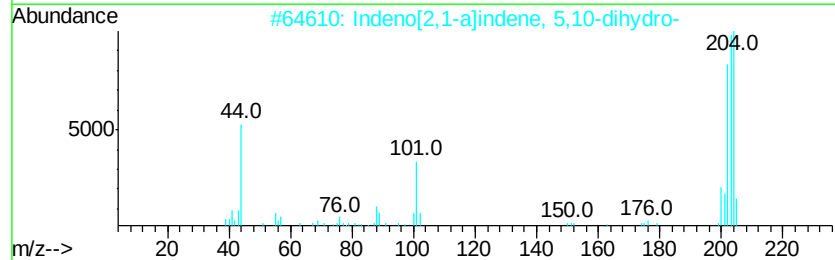
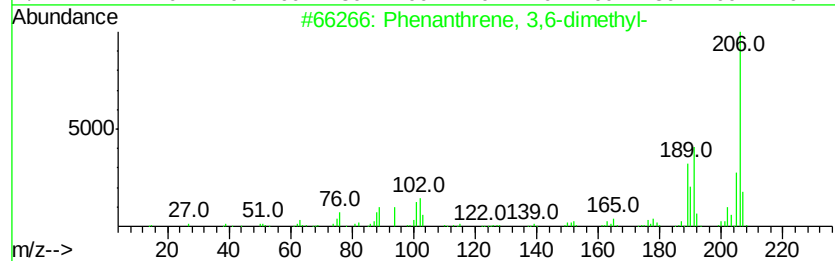
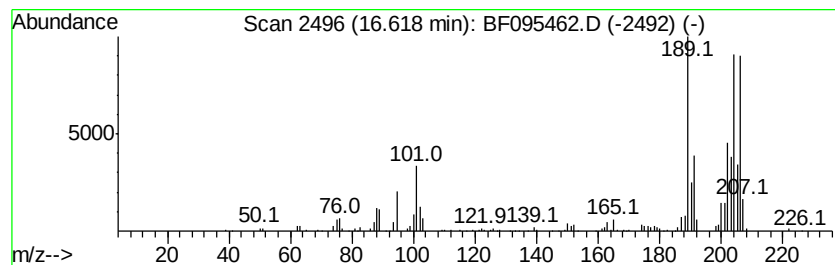
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.62	12.00 ng	395384	Phenanthrene-d10	14.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	53
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	45
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	42
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	38
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052617\
Data File : BF095462.D
Acq On : 26 May 2017 15:50
Operator : SJ/MA
Sample : I3241-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EP1-WC7(0-4)

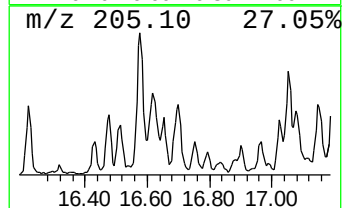
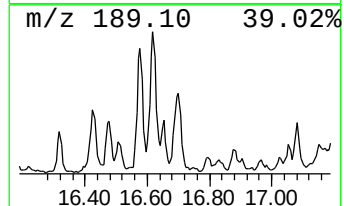
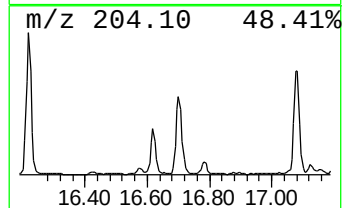
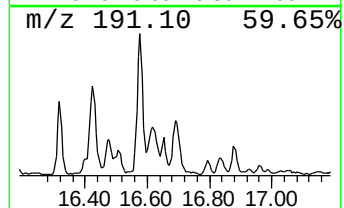
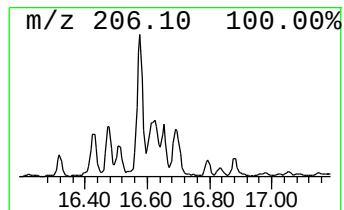
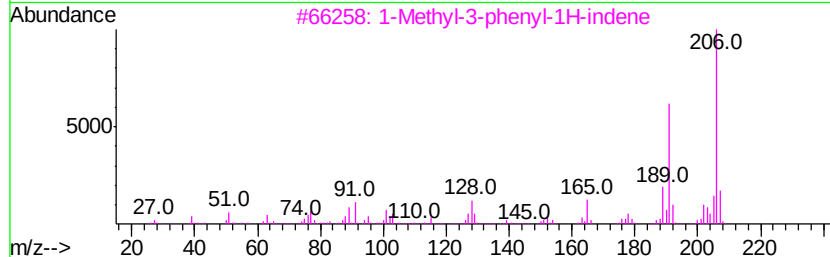
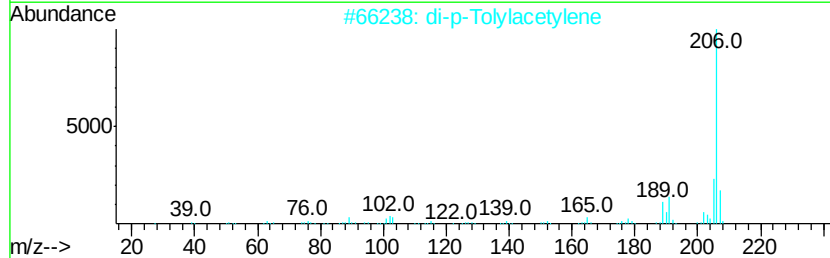
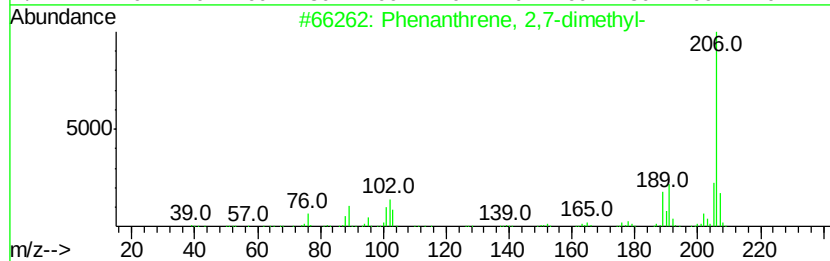
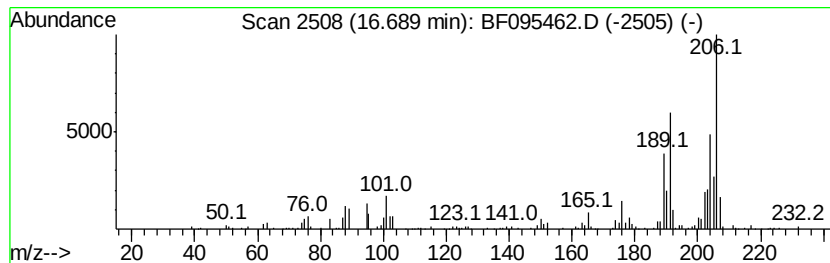
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	16.20 ng	533711	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	78
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	52
3		1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	50
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	49
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
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Acq On : 26 May 2017 15:50
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Sample : I3241-09
Misc :
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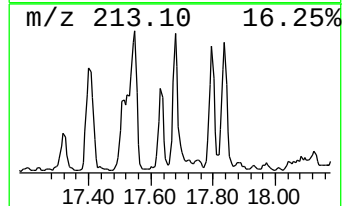
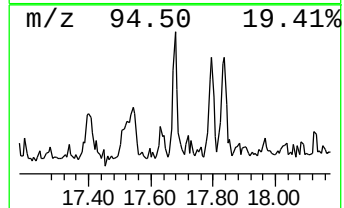
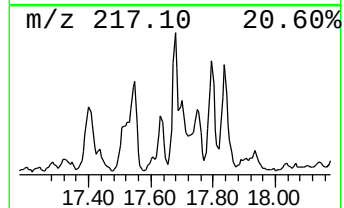
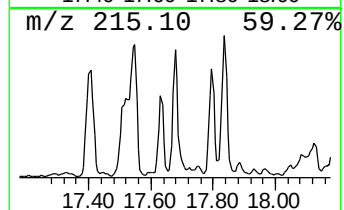
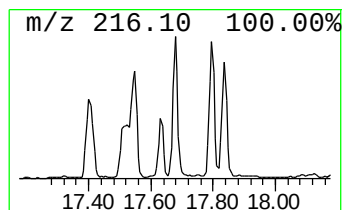
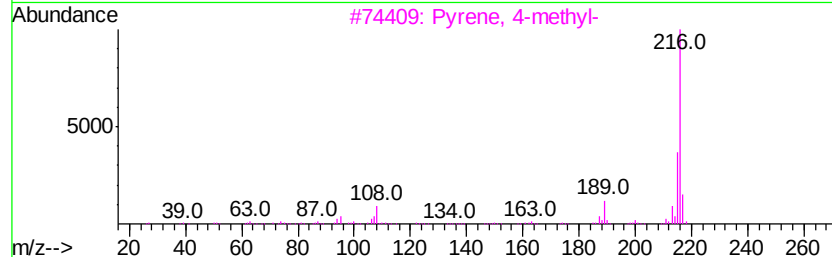
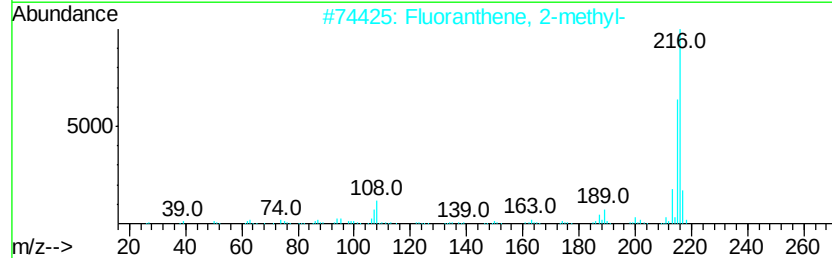
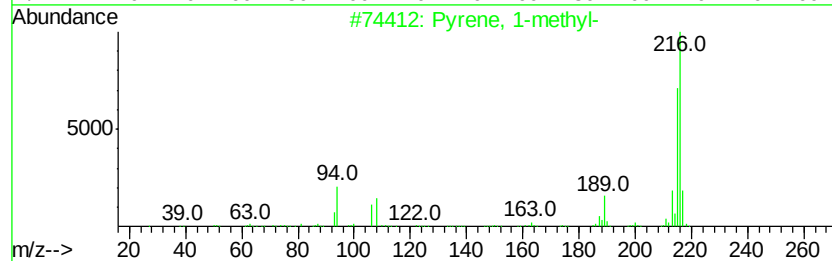
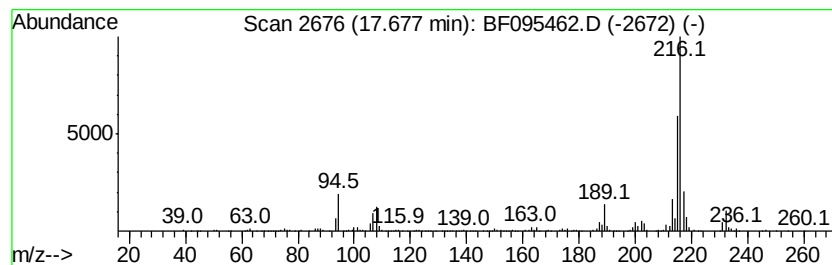
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.68	8.98 ng	836173	Chrysene-d12		18.68
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095462.D
Acq On : 26 May 2017 15:50
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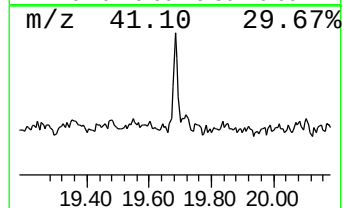
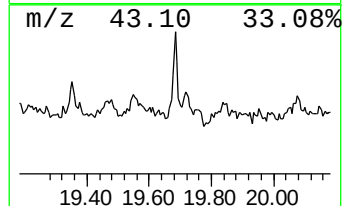
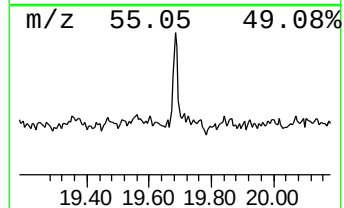
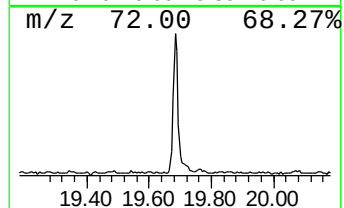
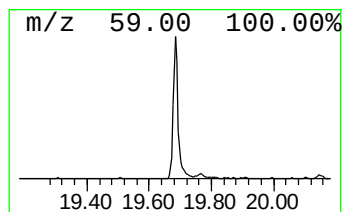
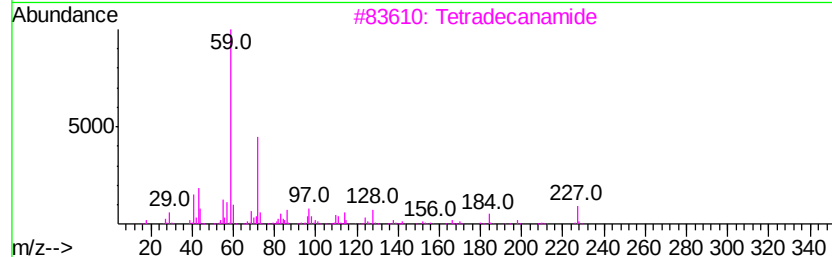
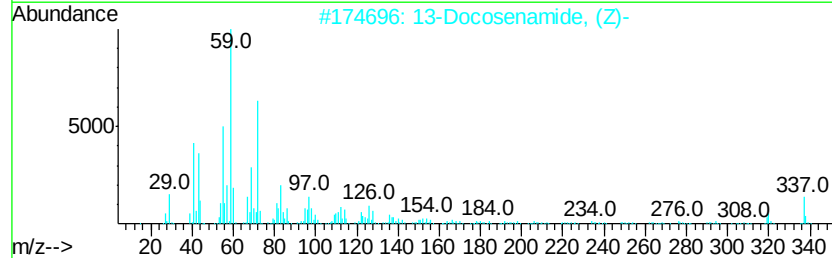
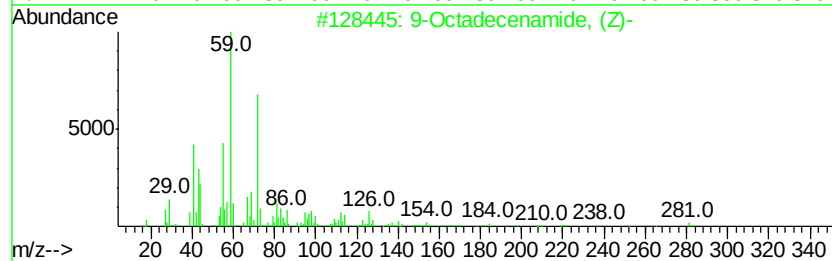
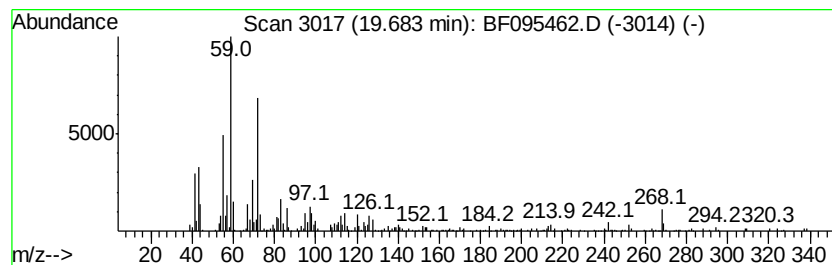
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9-Octadecenamide, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	20.55 ng	395831	Perylene-d12	20.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	70
3		Tetradecanamide	227	C14H29NO	000638-58-4	64
4		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	52
5		Nonanamide	157	C9H19NO	001120-07-6	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095462.D
Acq On : 26 May 2017 15:50
Operator : SJ/MA
Sample : I3241-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-WC7(0-4)

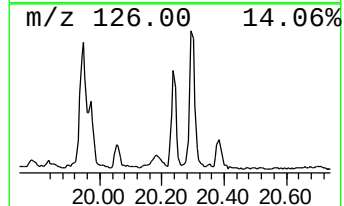
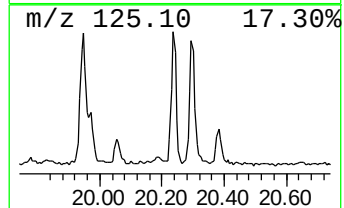
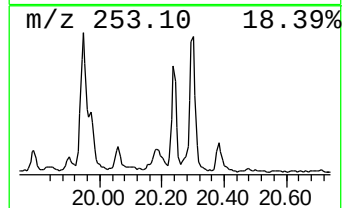
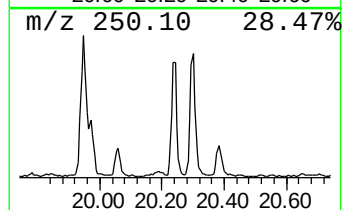
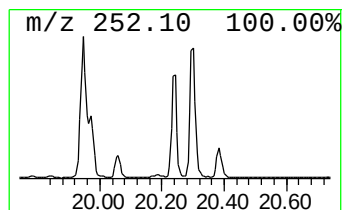
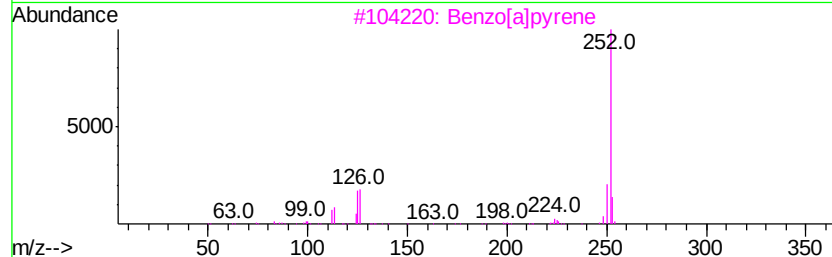
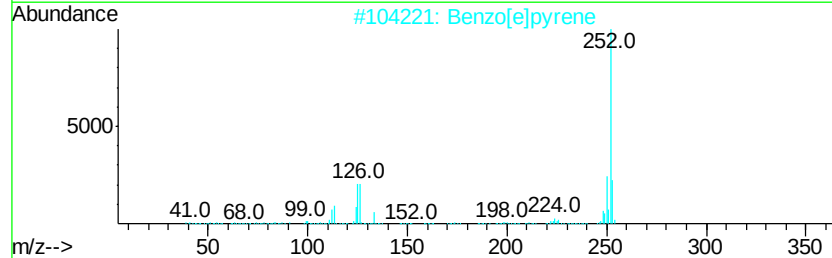
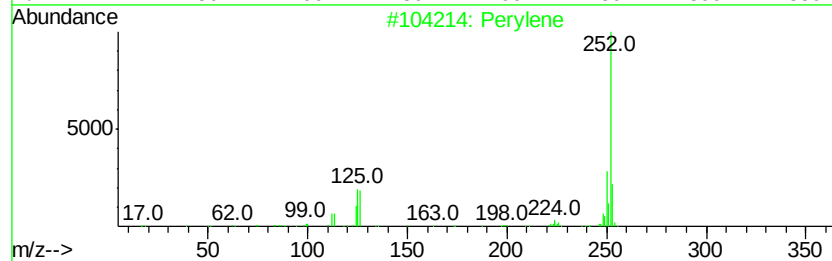
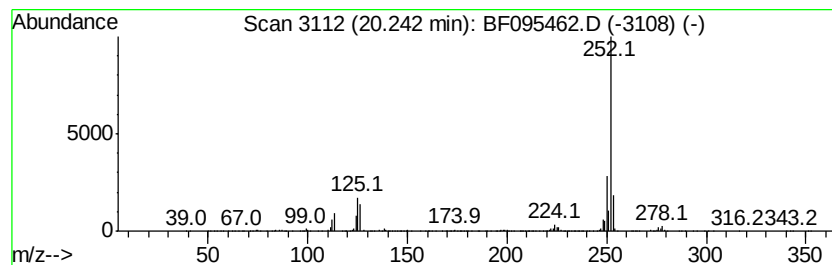
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	30.36 ng	584742	Perylene-d12	20.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052617\
 Data File : BF095462.D
 Acq On : 26 May 2017 15:50
 Operator : SJ/MA
 Sample : I3241-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC7(0-4)

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
2-Pentanone, 4-hy...	5.10	8.1 ng		218690	1	7.74	541625	20.0
unknown7.41	7.41	85.7 ng		2321100	1	7.74	541625	20.0
Naphthalene, 1-me...	11.08	8.0 ng		251155	2	9.77	629620	20.0
9H-Fluorene, 2-me...	14.39	8.3 ng		272505	4	14.99	658861	20.0
1-Methyldibenzoth...	15.52	8.2 ng		268335	4	14.99	658861	20.0
Anthracene, 2-met...	15.78	30.5 ng		1003500	4	14.99	658861	20.0
Anthracene, 1-met...	15.93	41.2 ng		1358400	4	14.99	658861	20.0
Phenanthrene, 2-m...	15.97	25.7 ng		846221	4	14.99	658861	20.0
Naphthalene, 2-ph...	16.22	17.8 ng		585339	4	14.99	658861	20.0
9,10-Anthracenedione	16.28	8.6 ng		282091	4	14.99	658861	20.0
Phenanthrene, 4,5...	16.42	8.0 ng		264517	4	14.99	658861	20.0
Phenanthrene, 2,5...	16.58	24.6 ng		809893	4	14.99	658861	20.0
Phenanthrene, 3,6...	16.62	12.0 ng		395384	4	14.99	658861	20.0
Phenanthrene, 2,7...	16.69	16.2 ng		533711	4	14.99	658861	20.0
Pyrene, 1-methyl-	17.68	9.0 ng		836173	5	18.68	1862050	20.0
9-Octadecenamide, ...	19.68	20.6 ng		395831	6	20.35	385252	20.0
Perylene	20.24	30.4 ng		584742	6	20.35	385252	20.0