

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095802.D
 Acq On : 9 Jun 2017 1:18
 Operator : SJ/MA
 Sample : I3470-07 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-49-20170602

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-BF060517.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	4.557	502	505	516	rBV2	22584	54959	4.62%	0.271%
2	5.257	621	624	647	rBV	300901	676904	56.89%	3.334%
3	6.922	904	907	920	rBV	352733	664217	55.82%	3.272%
4	7.022	920	924	941	rVB	538670	852831	71.67%	4.201%
5	7.369	979	983	998	rBV	299617	409988	34.45%	2.020%
6	7.604	1018	1023	1042	rBV	452615	605641	50.90%	2.983%
7	8.280	1134	1138	1160	rBV	265751	428601	36.02%	2.111%
8	9.398	1323	1328	1343	rBV	426770	582474	48.95%	2.869%
9	11.174	1625	1630	1644	rBV	739223	879404	73.90%	4.332%
10	11.874	1745	1749	1756	rBV	64883	90183	7.58%	0.444%
11	11.992	1765	1769	1778	rVB	74200	99356	8.35%	0.489%
12	12.221	1802	1808	1813	rBV2	438520	550123	46.23%	2.710%
13	12.268	1813	1816	1827	rVB2	47167	67220	5.65%	0.331%
14	13.080	1946	1954	1956	rBV4	22118	35130	2.95%	0.173%
15	13.115	1956	1960	1970	rVB	54266	78305	6.58%	0.386%
16	13.515	2023	2028	2037	rBV	262532	381792	32.09%	1.881%
17	13.745	2063	2067	2073	rVB6	15549	25345	2.13%	0.125%
18	13.856	2082	2086	2087	rBV3	20671	27051	2.27%	0.133%
19	14.015	2107	2113	2116	rBV2	21923	35818	3.01%	0.176%
20	14.056	2116	2120	2125	rVB4	20803	28675	2.41%	0.141%
21	14.245	2148	2152	2155	rBV4	19669	27162	2.28%	0.134%
22	14.339	2165	2168	2173	rBV2	28944	38221	3.21%	0.188%
23	14.445	2183	2186	2191	rVB	36946	51145	4.30%	0.252%
24	14.615	2210	2215	2218	rVV	395668	521967	43.87%	2.571%
25	14.651	2218	2221	2227	rVB	613817	733323	61.63%	3.612%
26	14.739	2231	2236	2242	rVB	110309	149773	12.59%	0.738%
27	15.045	2285	2288	2292	rVV	29332	34586	2.91%	0.170%
28	15.115	2297	2300	2303	rVV2	21496	28076	2.36%	0.138%
29	15.151	2303	2306	2310	rVV2	37792	51235	4.31%	0.252%
30	15.203	2312	2315	2320	rVB7	17436	28975	2.44%	0.143%
31	15.286	2325	2329	2334	rVB3	21971	34288	2.88%	0.169%
32	15.415	2347	2351	2355	rBV	169014	189703	15.94%	0.934%
33	15.462	2355	2359	2364	rVV	188665	230345	19.36%	1.135%
34	15.533	2368	2371	2374	rVV	58681	64986	5.46%	0.320%

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35	15.568	2374	2377	2381	rVV2	194264	276942	23.27%	1.364%
36	15.609	2381	2384	2397	rVB2	131517	249900	21.00%	1.231%
37	15.768	2408	2411	2417	rBV4	23674	31975	2.69%	0.158%
38	15.868	2424	2428	2434	rBV	86455	119230	10.02%	0.587%
39	15.921	2434	2437	2442	rVV2	69953	97747	8.21%	0.481%
40	16.086	2460	2465	2468	rBV2	42697	66802	5.61%	0.329%
41	16.127	2469	2472	2475	rVV	49419	54495	4.58%	0.268%
42	16.162	2476	2478	2481	rVB	28330	30091	2.53%	0.148%
43	16.233	2485	2490	2493	rBV	141069	200911	16.88%	0.990%
44	16.268	2493	2496	2500	rVV3	86698	125018	10.51%	0.616%
45	16.309	2500	2503	2506	rVV	36442	39859	3.35%	0.196%
46	16.350	2506	2510	2515	rVB	133658	181717	15.27%	0.895%
47	16.433	2517	2524	2529	rBV	805803	977317	82.13%	4.814%
48	16.480	2529	2532	2536	rVB2	41036	56086	4.71%	0.276%
49	16.533	2537	2541	2544	rBV2	59402	73469	6.17%	0.362%
50	16.568	2544	2547	2551	rVB	57142	65944	5.54%	0.325%
51	16.627	2554	2557	2562	rBV3	26830	36357	3.06%	0.179%
52	16.674	2562	2565	2569	rBV3	38153	46805	3.93%	0.231%
53	16.733	2569	2575	2581	rBV	983786	1189935	100.00%	5.861%
54	16.815	2586	2589	2593	rBV3	42714	59211	4.98%	0.292%
55	16.862	2594	2597	2601	rVB	40168	49062	4.12%	0.242%
56	16.927	2604	2608	2611	rBV	54115	56771	4.77%	0.280%
57	16.986	2613	2618	2625	rVB	597374	735279	61.79%	3.622%
58	17.056	2627	2630	2634	rBV2	83861	111913	9.40%	0.551%
59	17.180	2645	2651	2653	rBV4	82931	169258	14.22%	0.834%
60	17.203	2653	2655	2659	rVB	110753	124384	10.45%	0.613%
61	17.262	2661	2665	2667	rBV4	24171	37554	3.16%	0.185%
62	17.292	2667	2670	2673	rVB	66397	75485	6.34%	0.372%
63	17.333	2673	2677	2685	rBV2	156502	283932	23.86%	1.399%
64	17.450	2693	2697	2701	rBV	125590	134540	11.31%	0.663%
65	17.492	2701	2704	2710	rVV	89047	105637	8.88%	0.520%
66	17.709	2737	2741	2742	rBV4	29758	38075	3.20%	0.188%
67	17.844	2761	2764	2767	rBV5	37793	45910	3.86%	0.226%
68	17.886	2768	2771	2776	rVB	98068	114342	9.61%	0.563%
69	18.003	2787	2791	2793	rBV2	85566	100861	8.48%	0.497%
70	18.033	2793	2796	2799	rVV2	126650	139416	11.72%	0.687%
71	18.068	2799	2802	2805	rVV	52737	45414	3.82%	0.224%

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72	18.109	2805	2809	2812	rVB4	52792	73101	6.14%	0.360%
73	18.162	2813	2818	2826	rVB2	98372	160073	13.45%	0.789%
74	18.227	2826	2829	2831	rBV	30239	39494	3.32%	0.195%
75	18.327	2840	2846	2850	rBV2	622214	1071284	90.03%	5.277%
76	18.362	2850	2852	2858	rVB	462237	543859	45.70%	2.679%
77	18.456	2865	2868	2872	rVB2	71457	75609	6.35%	0.372%
78	18.491	2872	2874	2879	rBV4	18875	26937	2.26%	0.133%
79	18.544	2880	2883	2885	rBV2	31133	42987	3.61%	0.212%
80	18.609	2891	2894	2898	rVB2	32262	38230	3.21%	0.188%
81	18.656	2899	2902	2908	rVB3	64927	97204	8.17%	0.479%
82	18.703	2908	2910	2913	rBV	26504	27366	2.30%	0.135%
83	18.791	2922	2925	2927	rBV2	32836	34167	2.87%	0.168%
84	18.839	2927	2933	2936	rVV	138322	190127	15.98%	0.937%
85	18.874	2936	2939	2943	rVB	85235	104362	8.77%	0.514%
86	18.921	2943	2947	2949	rBV3	57130	72418	6.09%	0.357%
87	18.944	2949	2951	2955	rVB2	49034	60711	5.10%	0.299%
88	18.986	2955	2958	2963	rBV3	46418	74889	6.29%	0.369%
89	19.050	2966	2969	2972	rVB4	26815	28998	2.44%	0.143%
90	19.256	3002	3004	3011	rVB5	31113	66936	5.63%	0.330%
91	19.438	3033	3035	3040	rVB2	54069	57887	4.86%	0.285%
92	19.597	3058	3062	3065	rBV	412305	559108	46.99%	2.754%
93	19.627	3065	3067	3071	rVB2	184558	187799	15.78%	0.925%
94	19.709	3078	3081	3084	rVB2	80526	82766	6.96%	0.408%
95	19.886	3107	3111	3115	rBV	275458	288919	24.28%	1.423%
96	19.944	3118	3121	3125	rVV	329815	344831	28.98%	1.699%
97	19.997	3127	3130	3133	rVV	259161	290720	24.43%	1.432%
98	20.027	3133	3135	3139	rVB	64449	66101	5.56%	0.326%
99	21.174	3325	3330	3337	rVB	156141	269692	22.66%	1.328%
100	21.503	3382	3386	3394	rVB	119813	218888	18.39%	1.078%

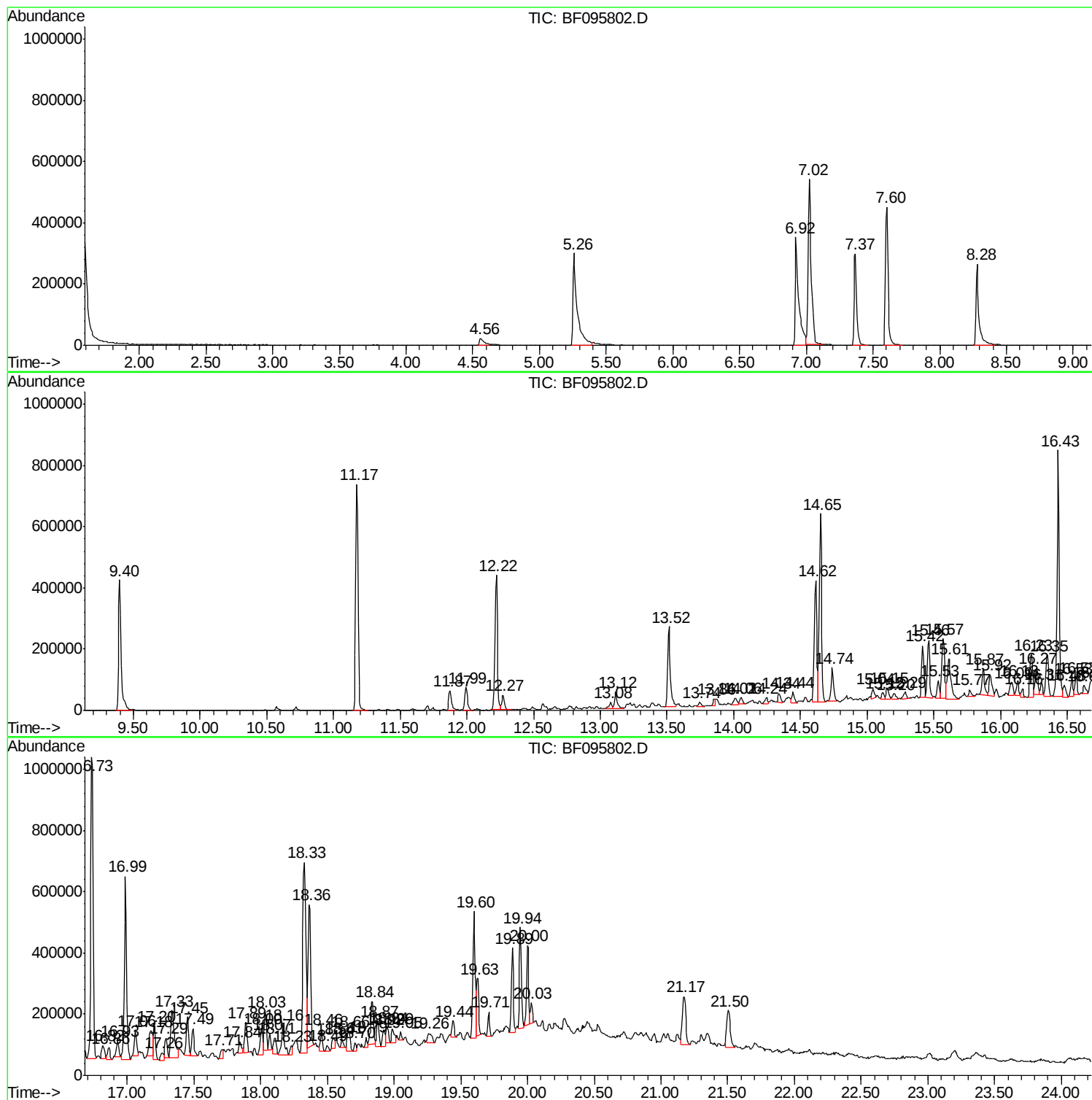
Sum of corrected areas: 20300909

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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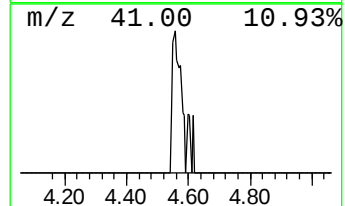
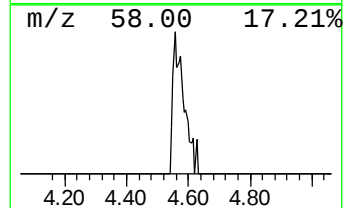
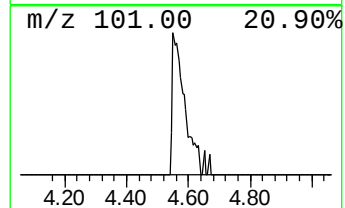
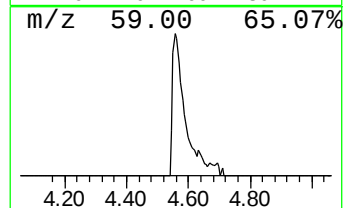
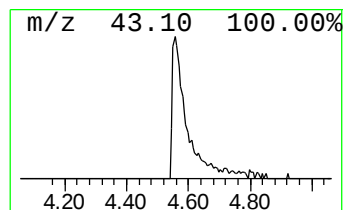
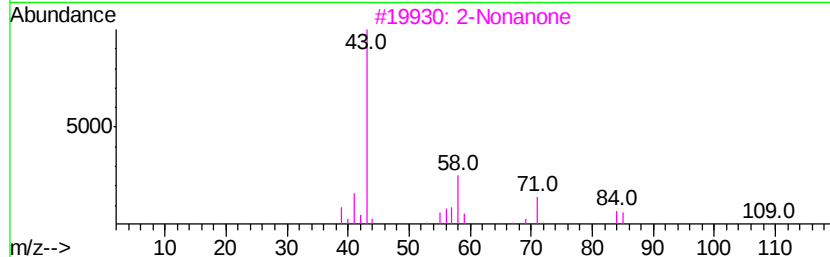
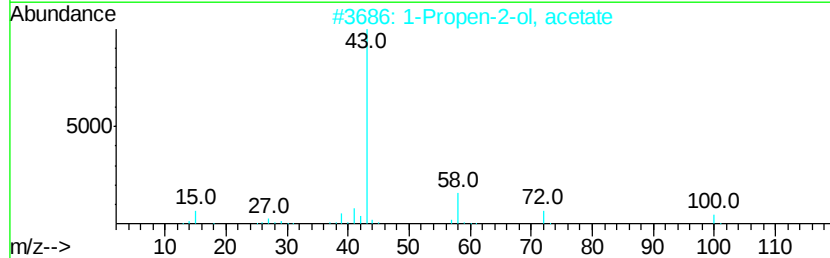
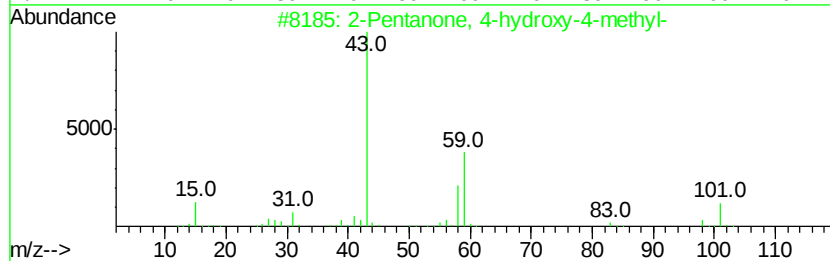
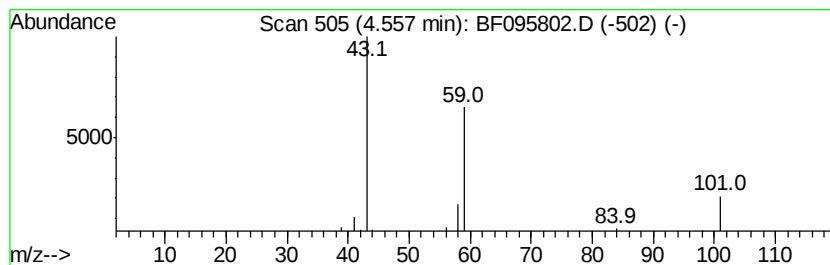
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	2.68 ng	54959	1,4-Dichlorobenzene-d4	7.37

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
3		2-Nonanone	142	C9H18O	000821-55-6	9
4		3-Hexanol	102	C6H14O	000623-37-0	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	7



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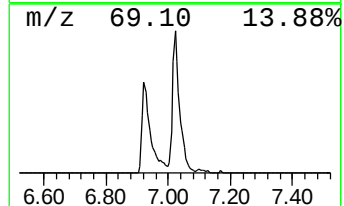
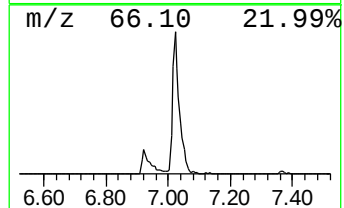
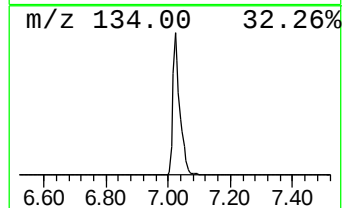
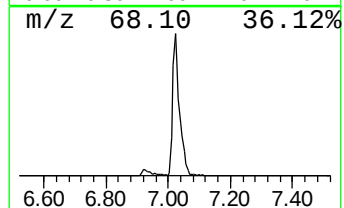
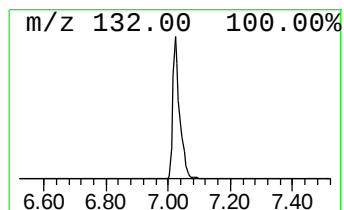
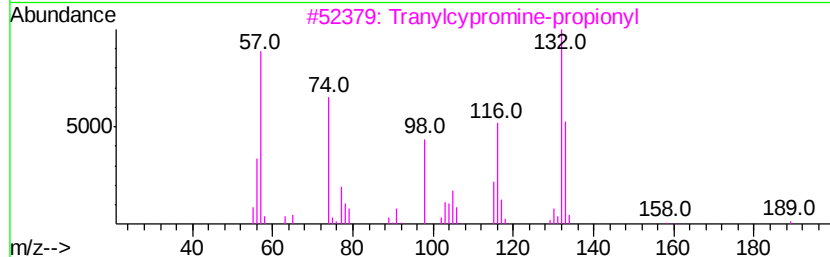
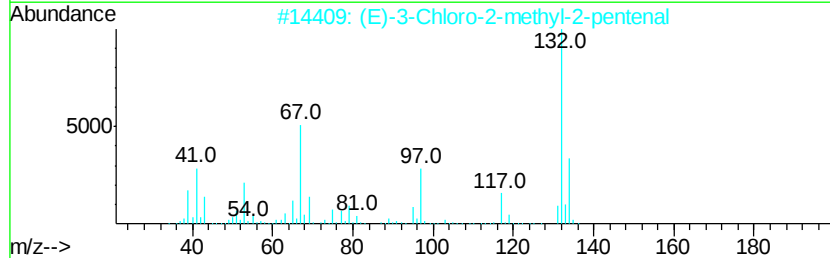
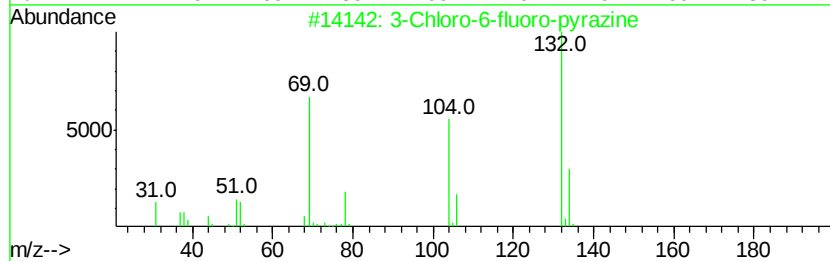
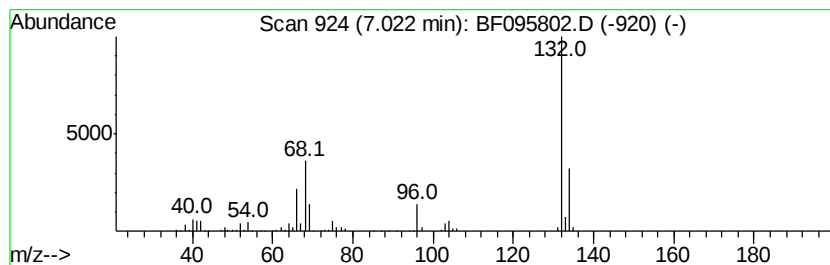
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown7.02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	41.60 ng	852831	1,4-Dichlorobenzene-d4	7.37

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	17
3		Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Xenon	132	Xe	007440-63-3	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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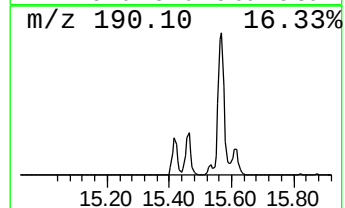
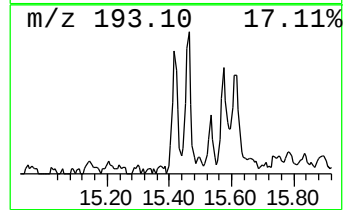
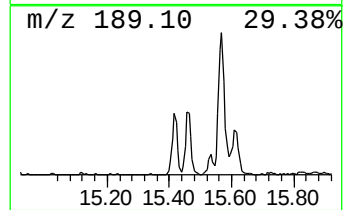
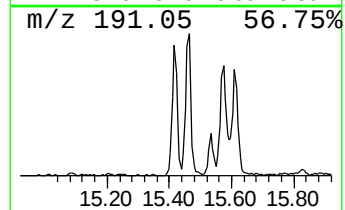
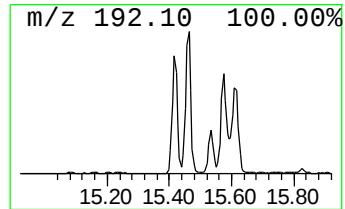
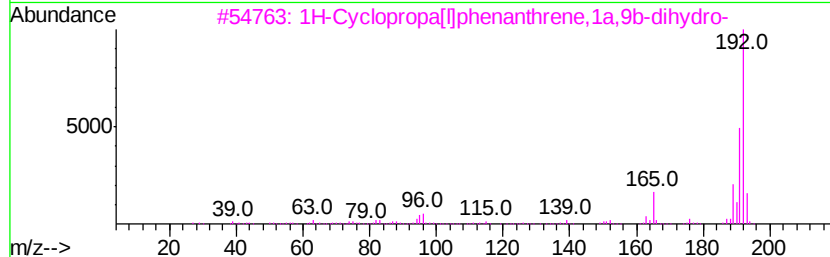
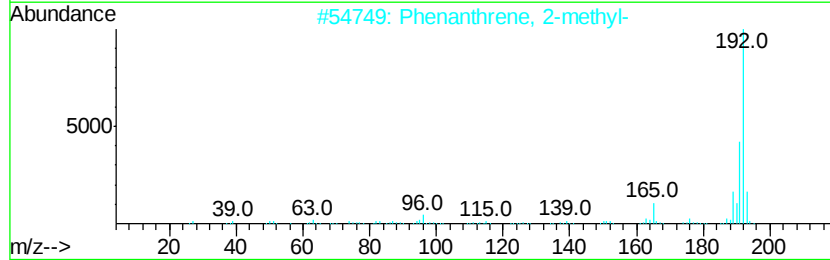
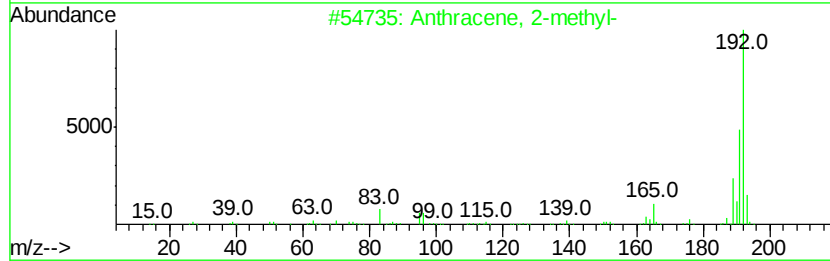
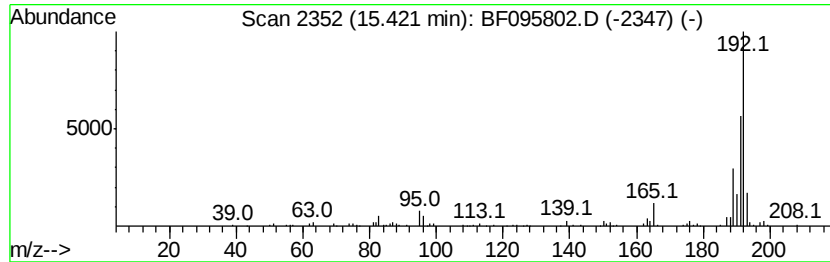
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	7.27 ng	189703	Phenanthrene-d10	14.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
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Operator : SJ/MA
Sample : I3470-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

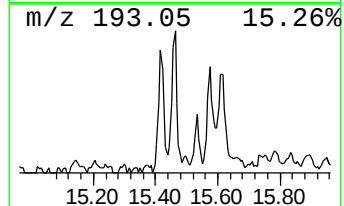
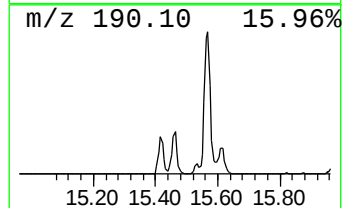
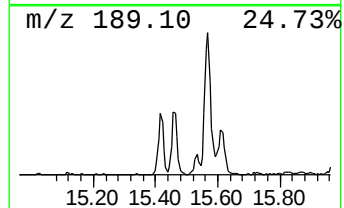
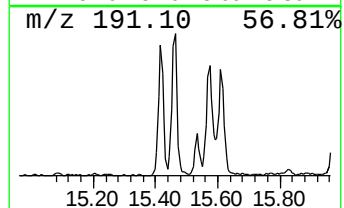
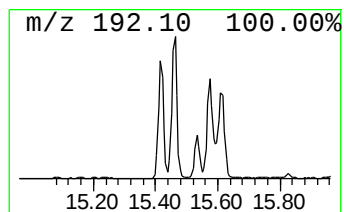
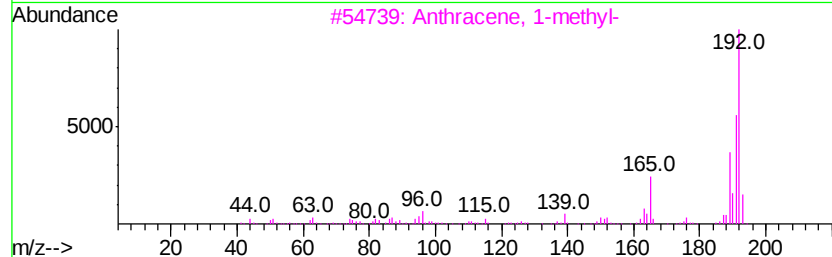
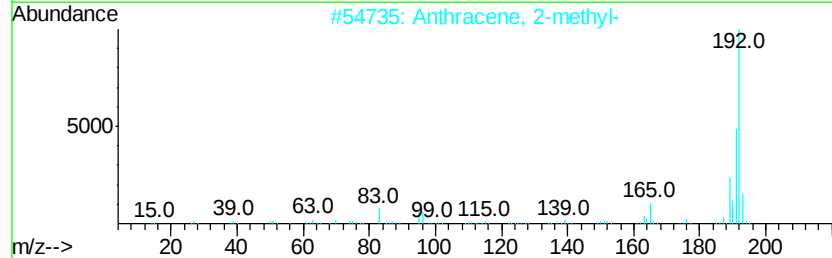
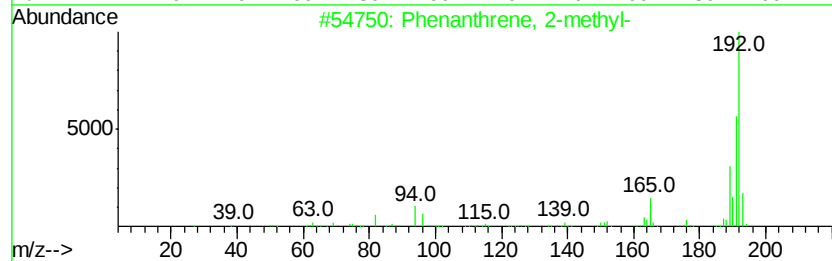
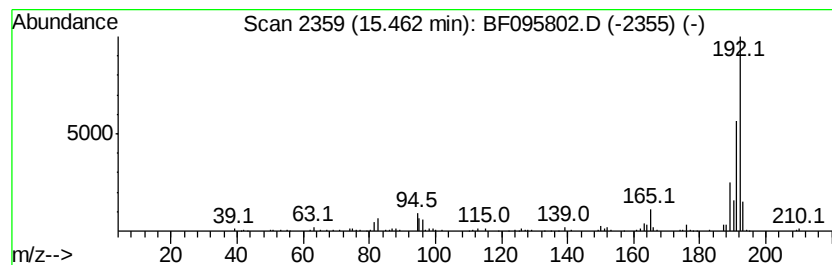
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ClientSampleId :
POSTEX-49-20170602

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.46	8.83 ng	230345	Phenanthrene-d10	14.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060817\
Data File : BF095802.D
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Sample : I3470-07 2X
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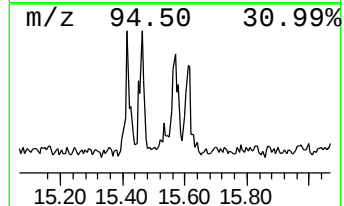
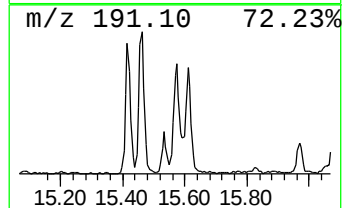
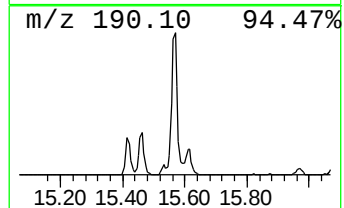
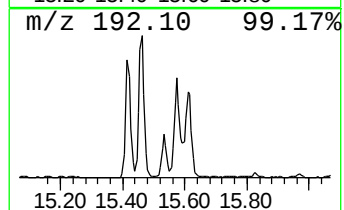
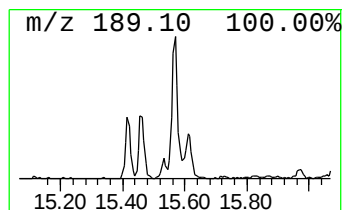
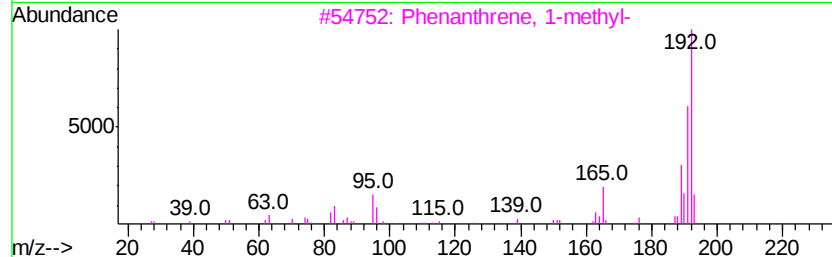
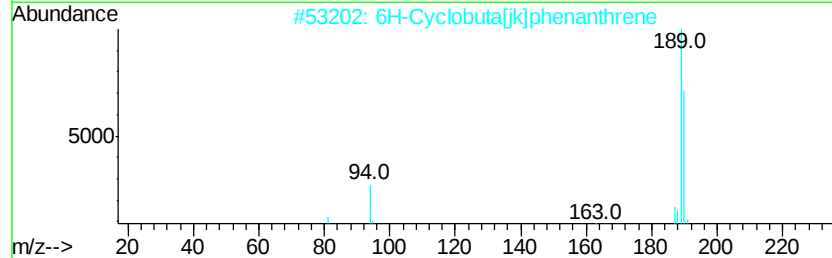
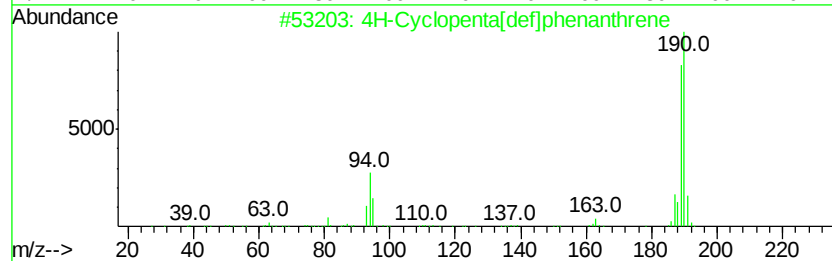
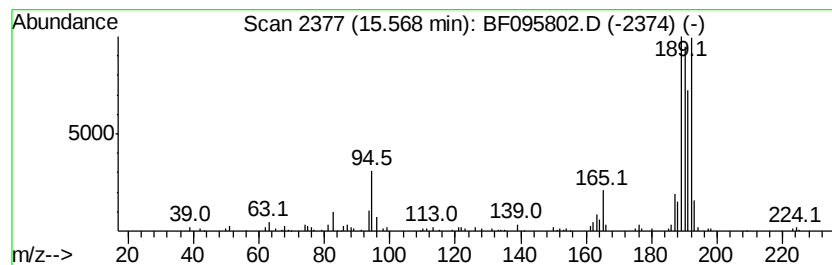
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	10.61 ng	276942	Phenanthrene-d10	14.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060817\
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Operator : SJ/MA
Sample : I3470-07 2X
Misc :
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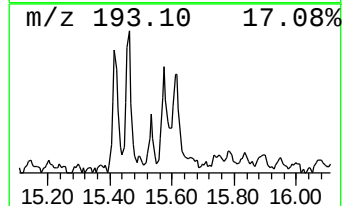
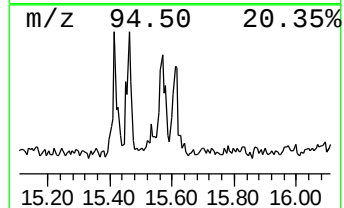
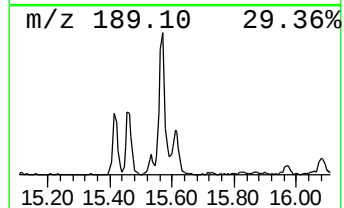
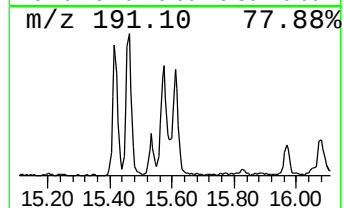
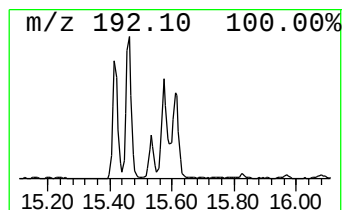
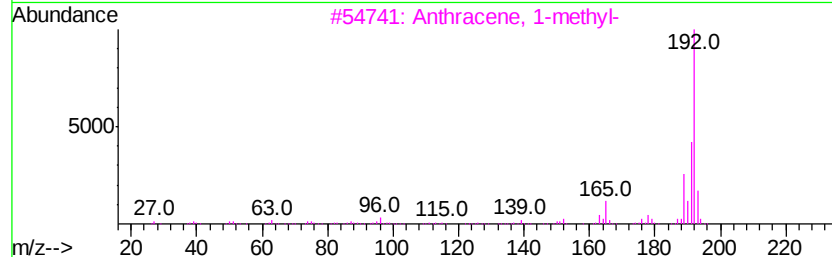
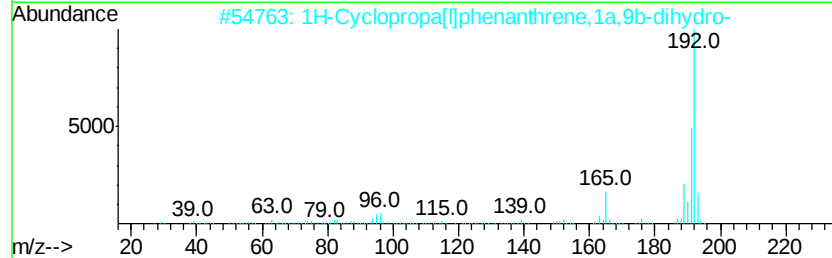
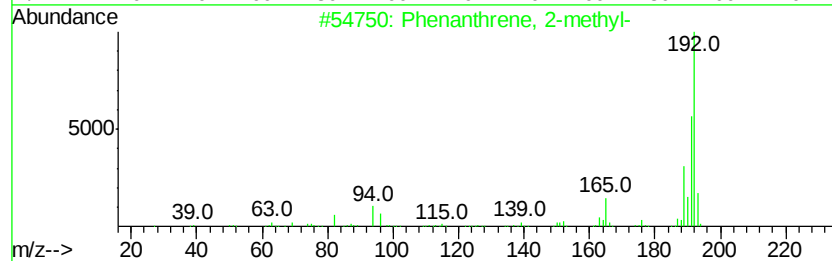
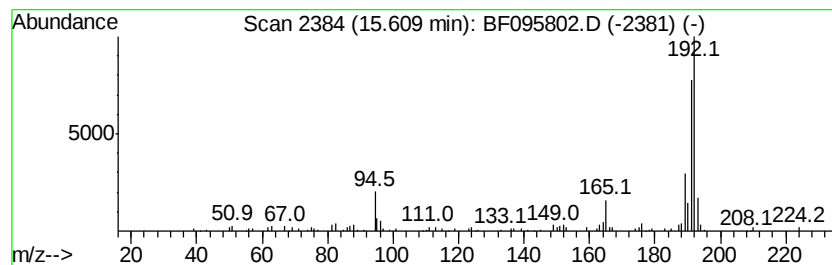
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POSTEX-49-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.61	9.58 ng	249900	Phenanthrene-d10	14.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060817\
Data File : BF095802.D
Acq On : 9 Jun 2017 1:18
Operator : SJ/MA
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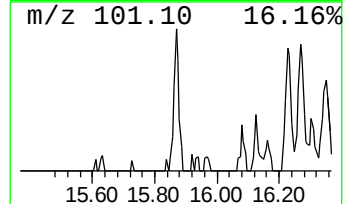
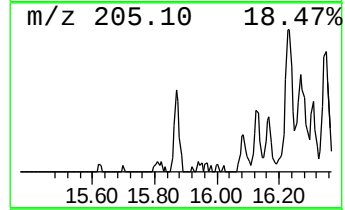
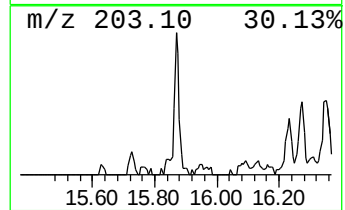
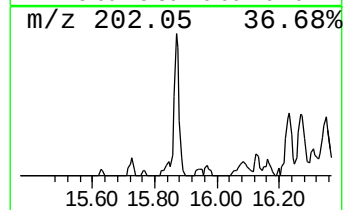
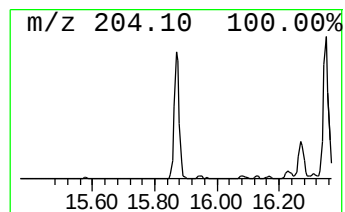
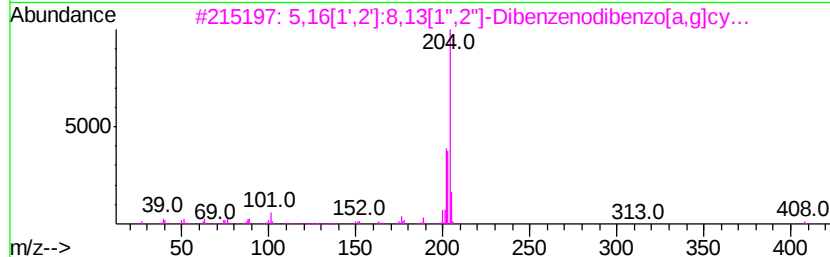
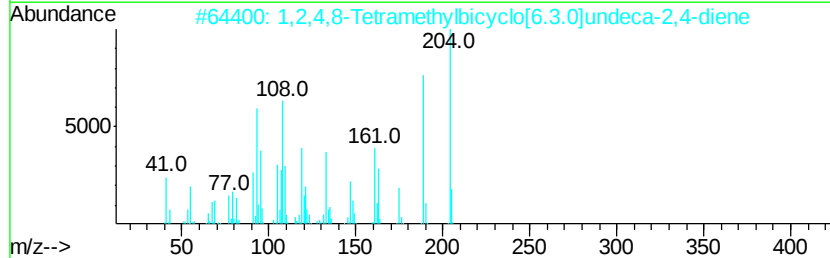
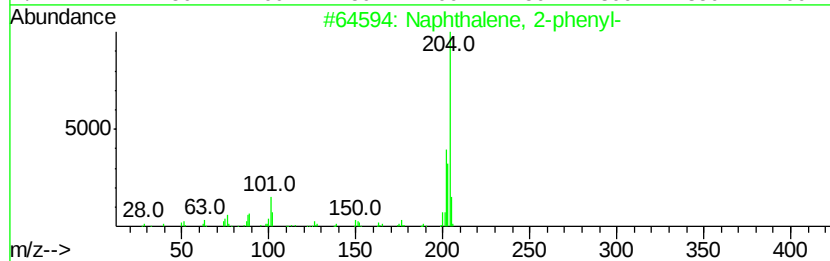
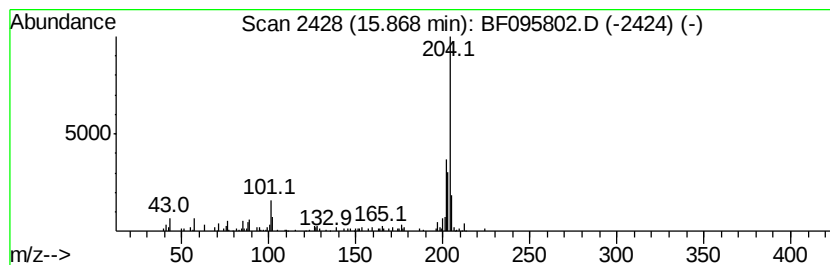
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	4.57 ng	119230	Phenanthrene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	87
3		5,16[1',2']-8,13[1'',2'']-Dibenzo[a,g]cyano[3,4]phenanthrene	408	C32H24	005672-97-9	86
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
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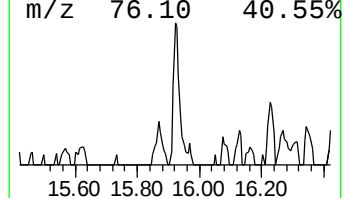
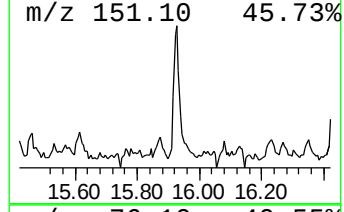
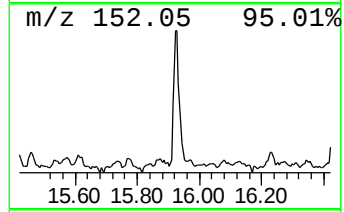
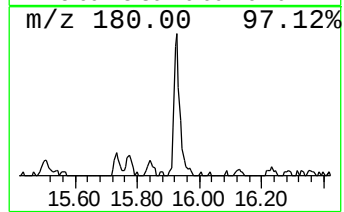
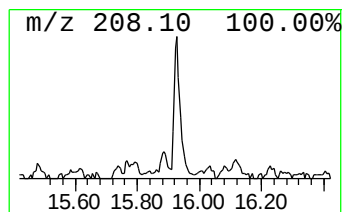
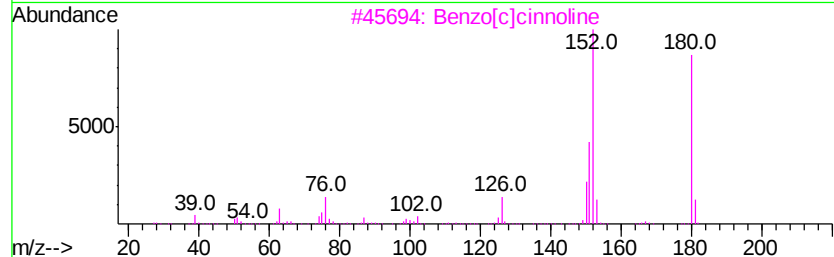
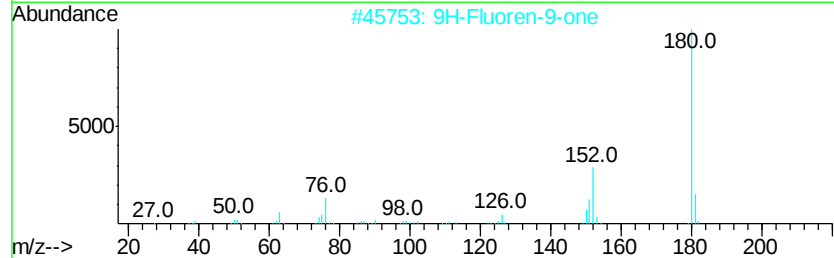
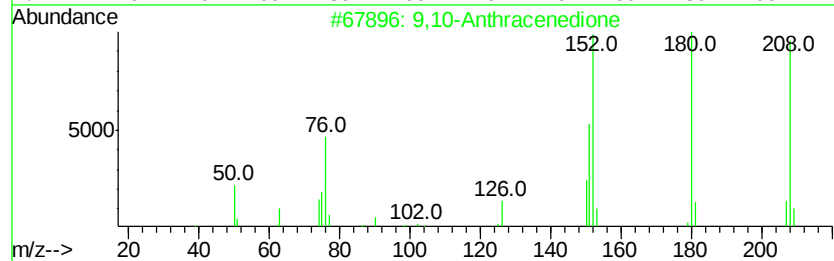
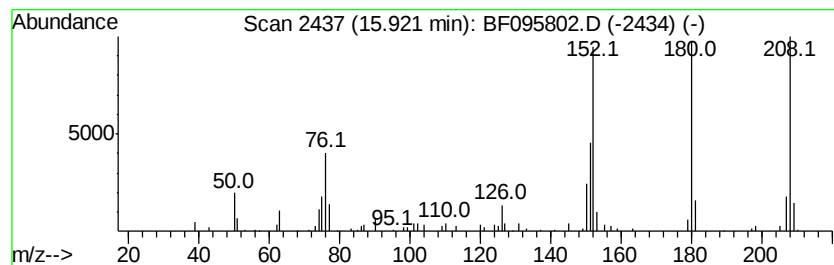
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.75 ng	97747	Phenanthrene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060817\
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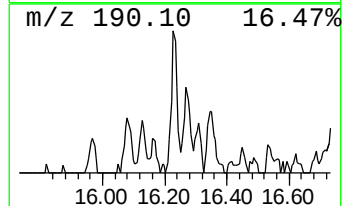
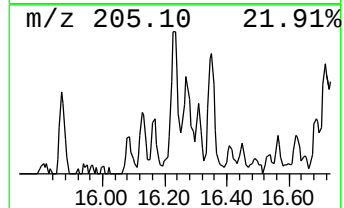
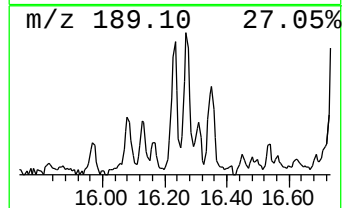
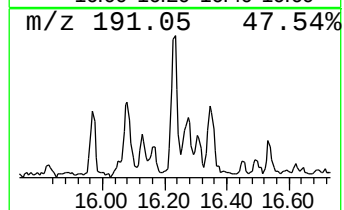
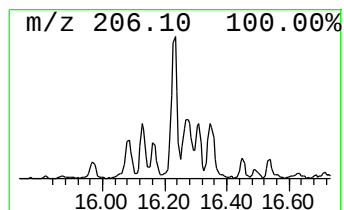
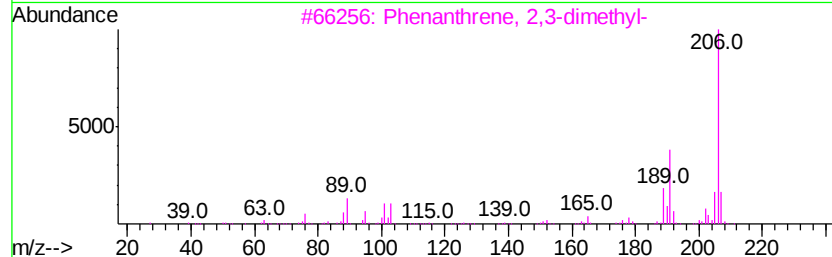
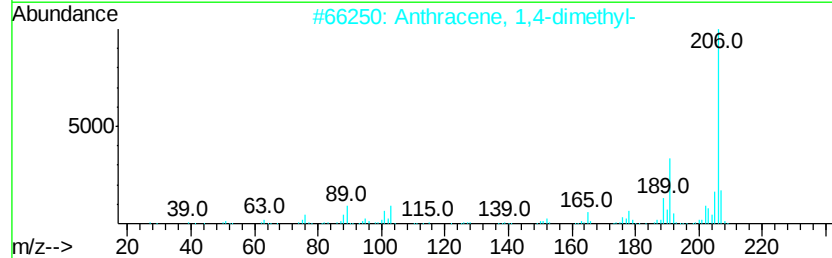
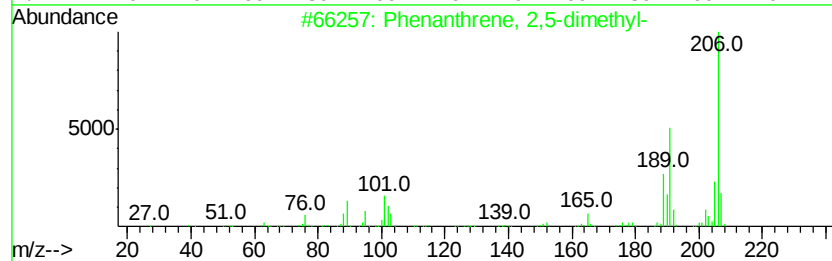
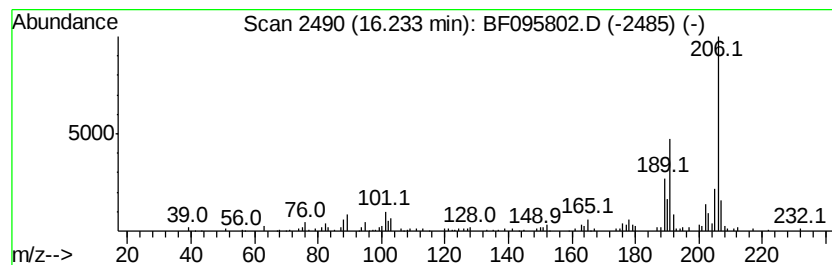
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.23	7.70 ng	200911	Phenanthrene-d10		14.62
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	92



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060817\
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Operator : SJ/MA
Sample : I3470-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

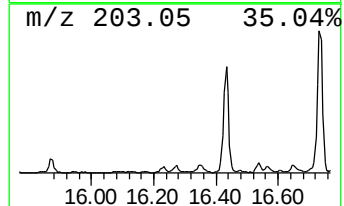
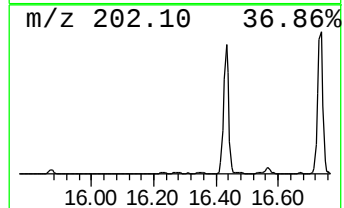
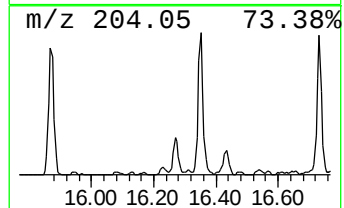
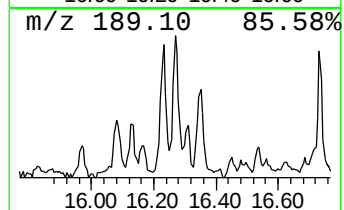
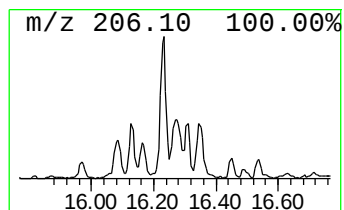
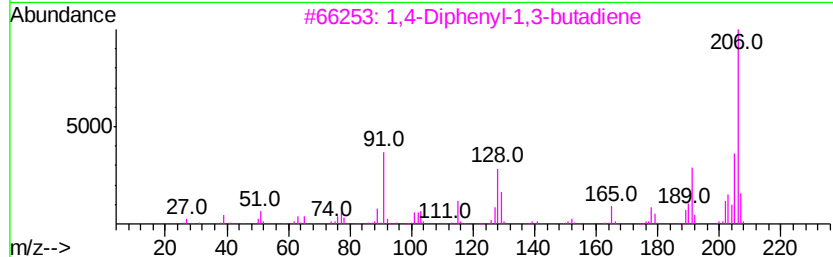
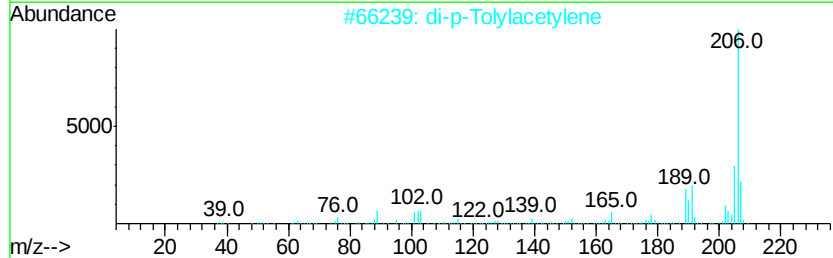
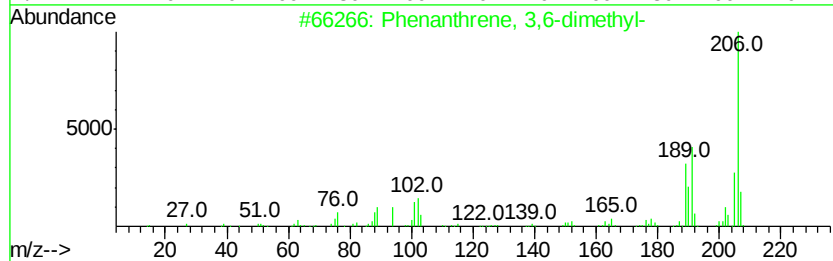
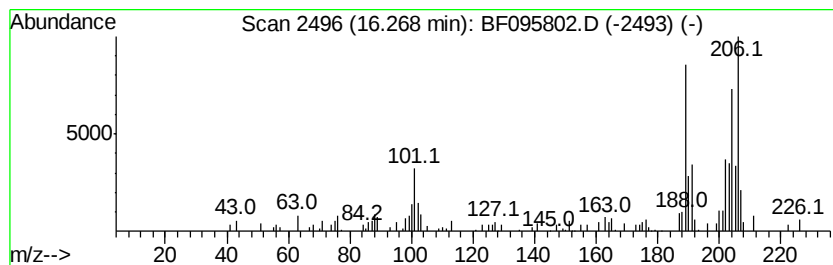
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ClientSampleId :
POSTEX-49-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.27 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.27	4.79 ng	125018	Phenanthrene-d10		14.62	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	41
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	38
3		1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	38
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	38
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060817\
Data File : BF095802.D
Acq On : 9 Jun 2017 1:18
Operator : SJ/MA
Sample : I3470-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
POSTEX-49-20170602

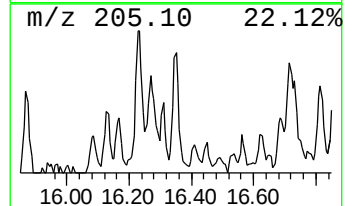
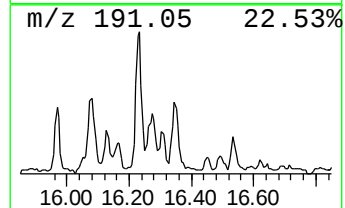
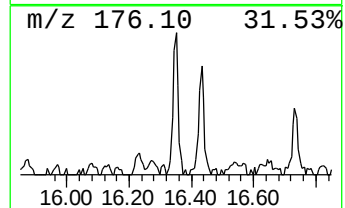
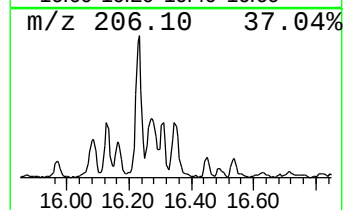
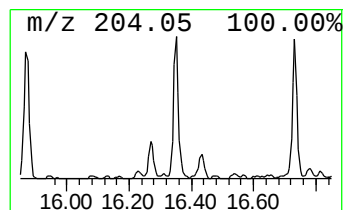
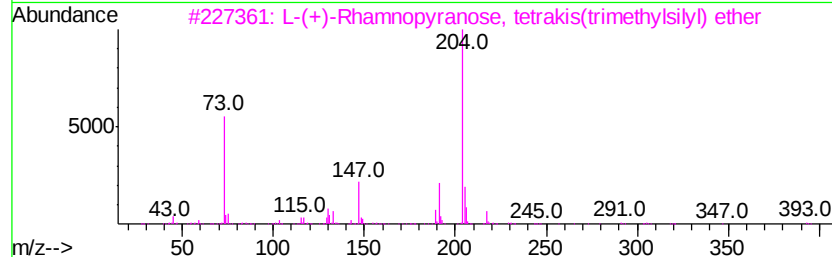
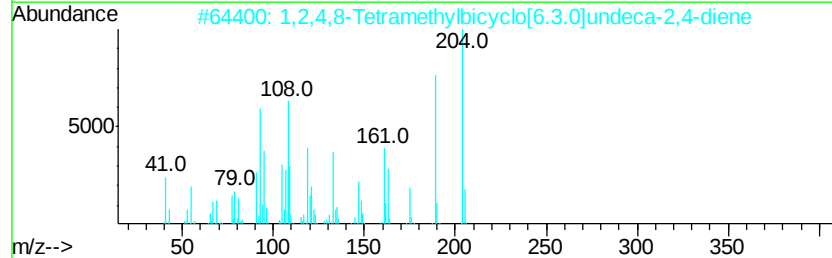
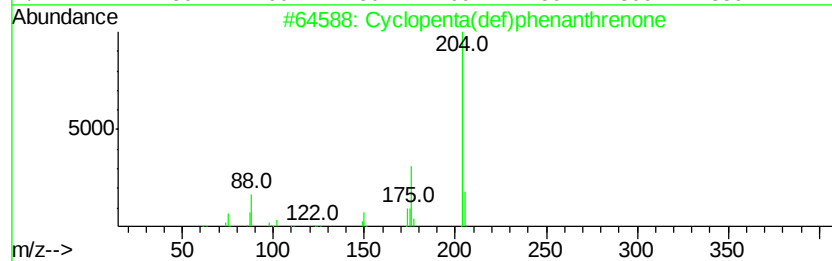
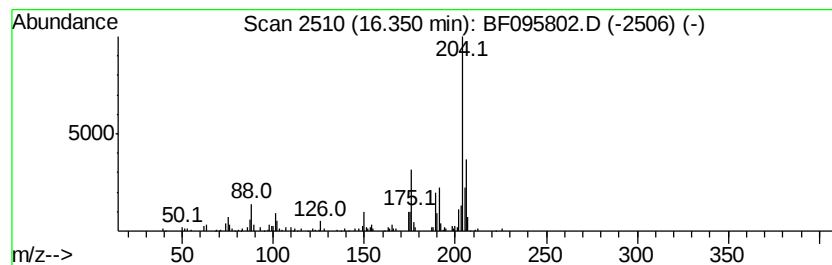
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	6.96 ng	181717	Phenanthrene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	55
3		L-(+)-Rhamnopyranose, tetrakis(trimethylsilyl) ether	452	C18H44O5Si4	1000380-12-9	47
4		Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	47
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095802.D
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Operator : SJ/MA
Sample : I3470-07 2X
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ALS Vial : 18 Sample Multiplier: 1

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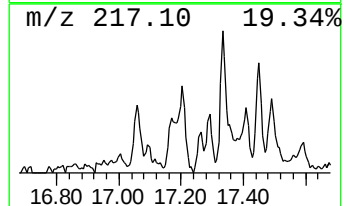
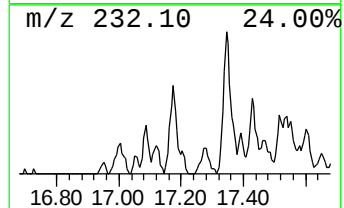
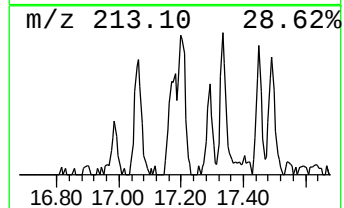
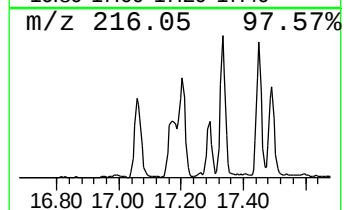
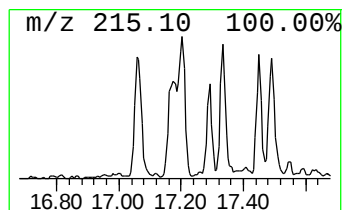
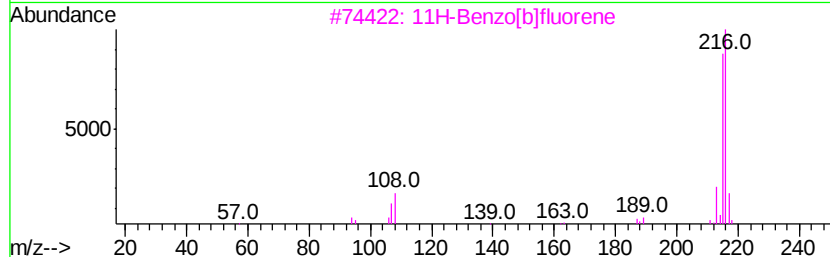
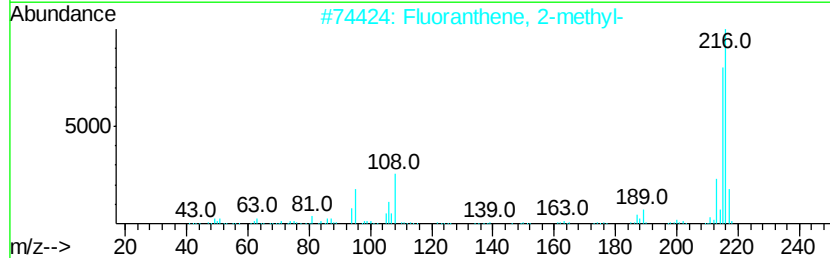
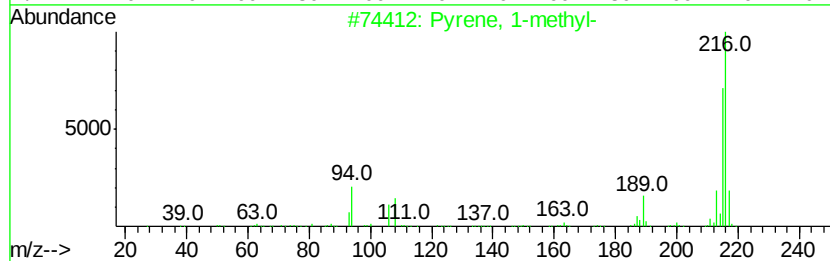
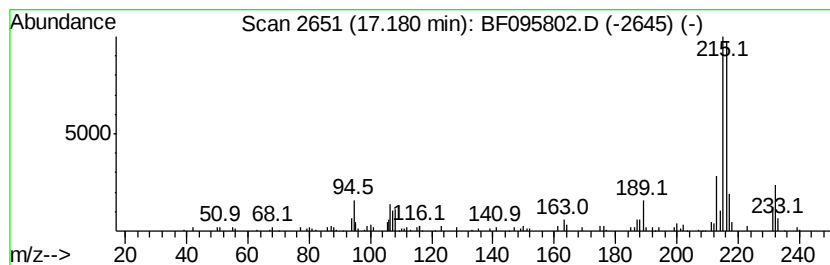
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	3.16 ng	169258	Chrysene-d12	18.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	59
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095802.D
Acq On : 9 Jun 2017 1:18
Operator : SJ/MA
Sample : I3470-07 2X
Misc :
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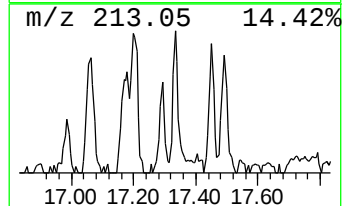
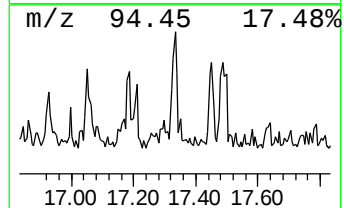
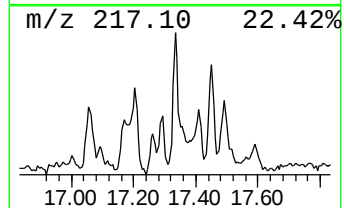
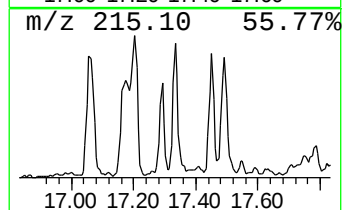
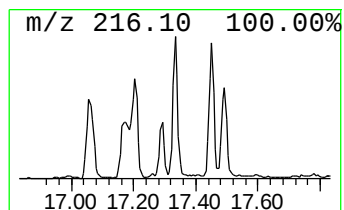
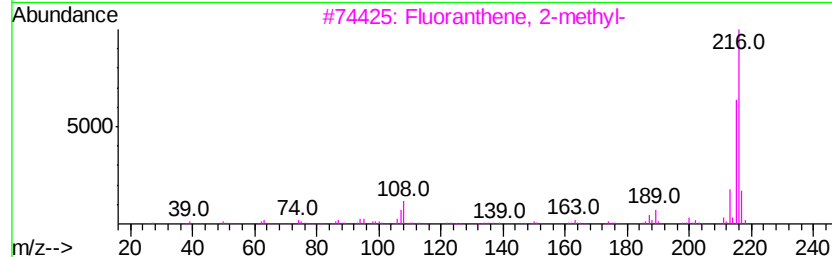
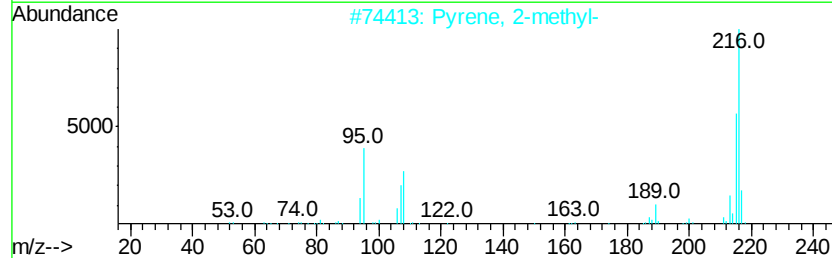
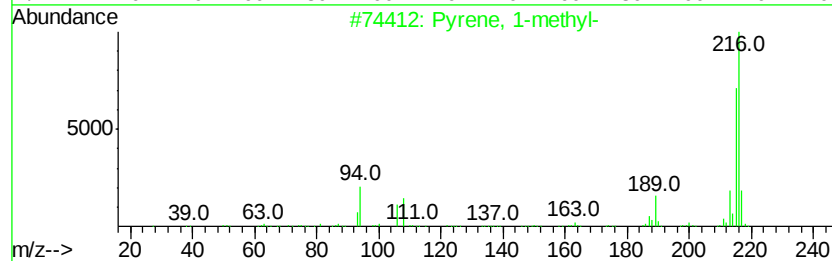
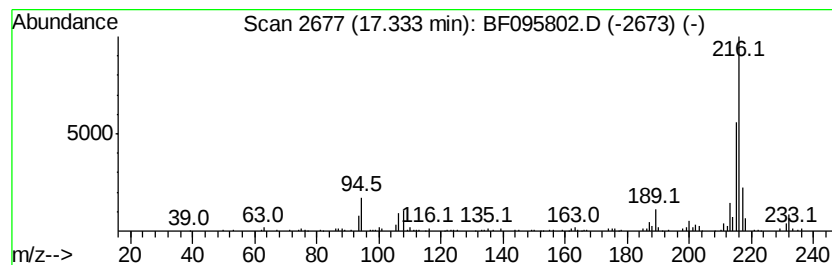
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.33	5.30 ng	283932	Chrysene-d12		18.33	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4		11H-Benzo[alfluorene	216	C17H12	000238-84-6	90
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095802.D
Acq On : 9 Jun 2017 1:18
Operator : SJ/MA
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ClientSampleId :
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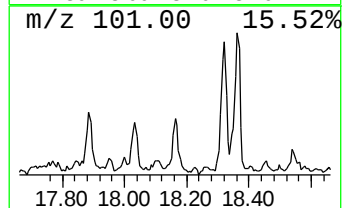
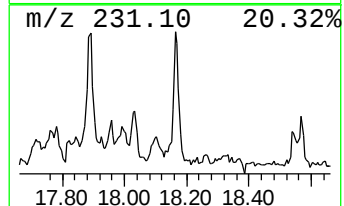
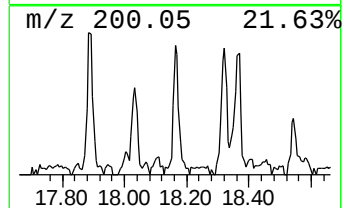
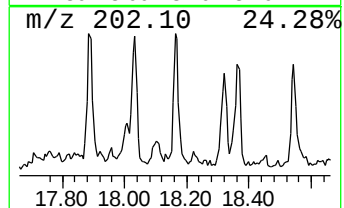
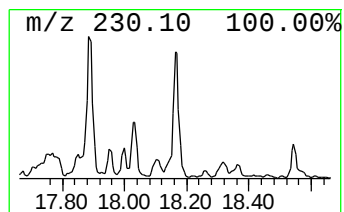
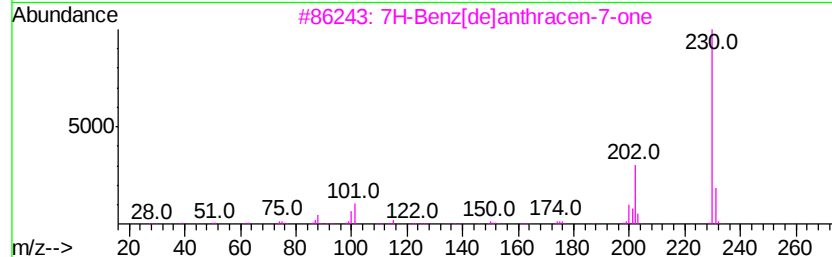
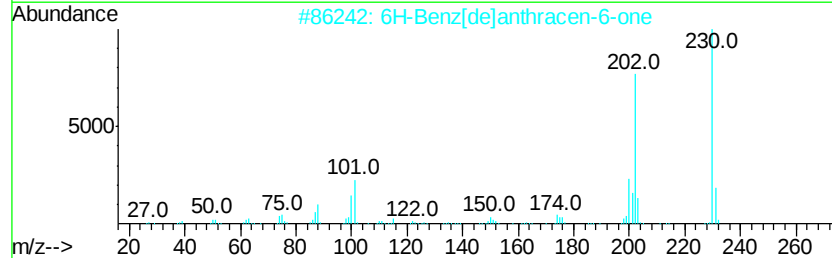
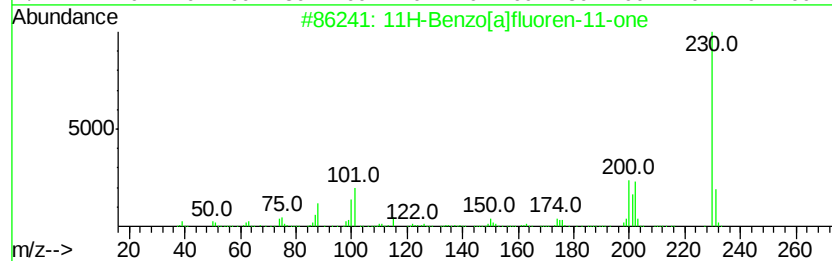
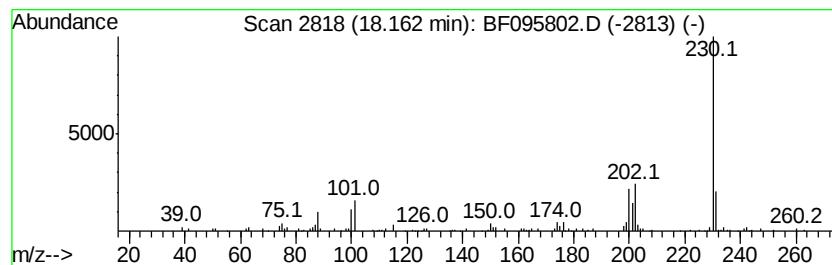
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.99 ng	160073	Chrysene-d12	18.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4		5,6-Dihydrochrysene	230	C18H14	002091-92-1	50
5		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060817\
Data File : BF095802.D
Acq On : 9 Jun 2017 1:18
Operator : SJ/MA
Sample : I3470-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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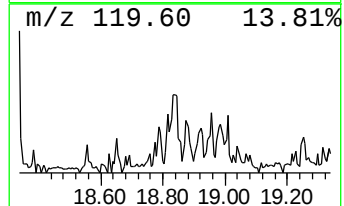
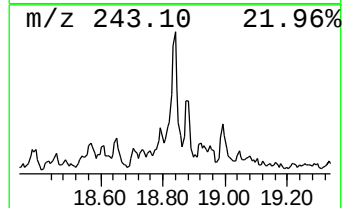
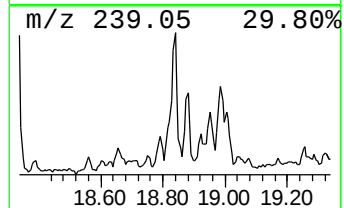
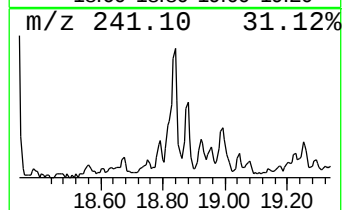
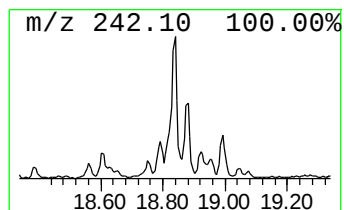
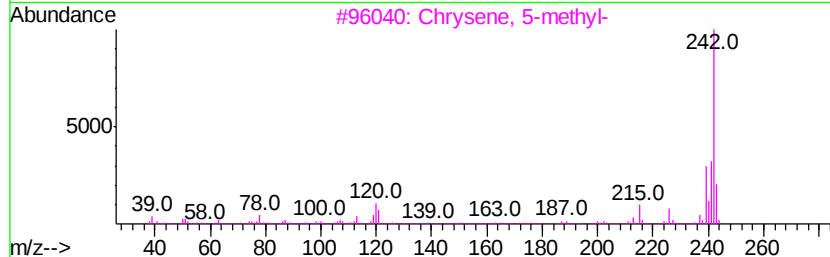
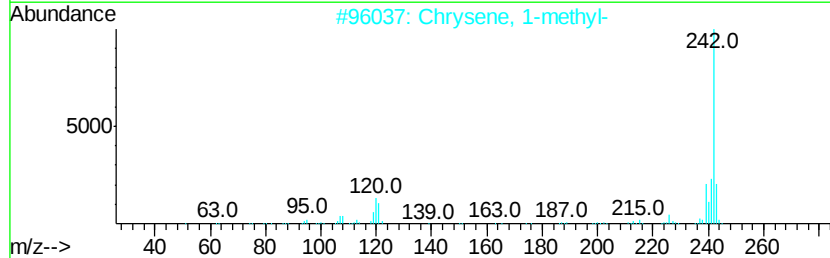
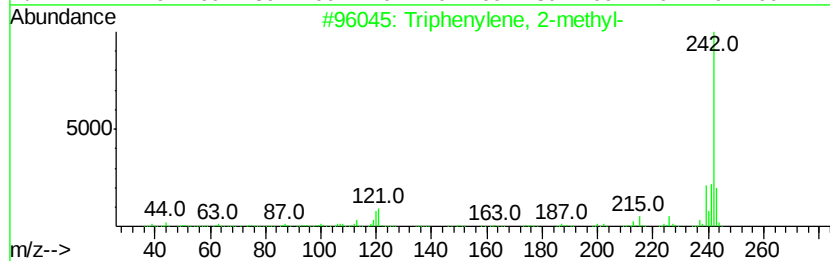
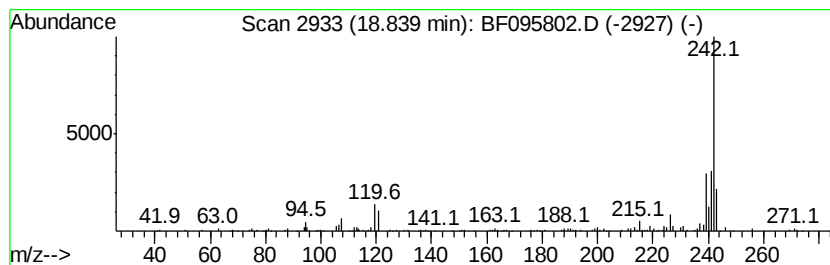
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Triphenylene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	3.55 ng	190127	Chrysene-d12	18.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
2			Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
3			Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
4			2-Methylchrysene	242	C19H14	003351-32-4	90
5			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095802.D
Acq On : 9 Jun 2017 1:18
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ClientSampleId :
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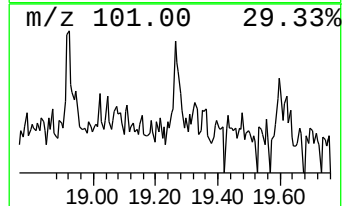
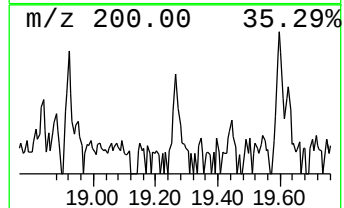
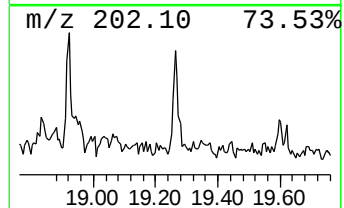
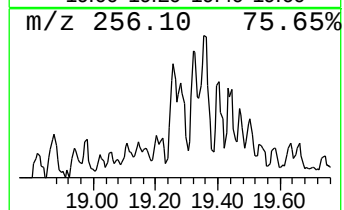
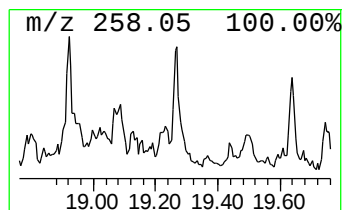
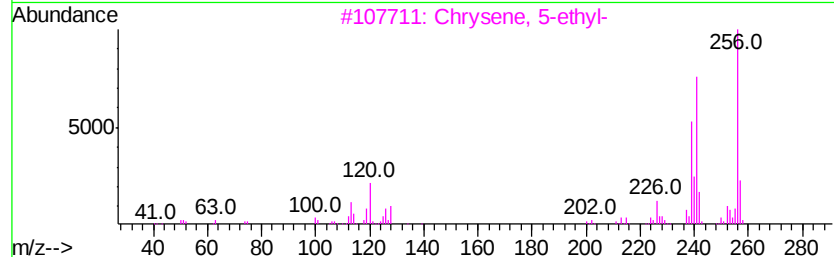
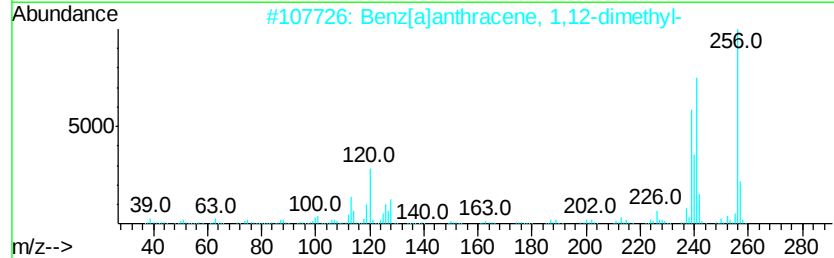
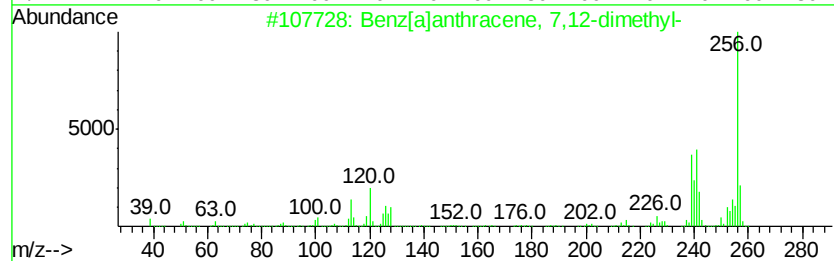
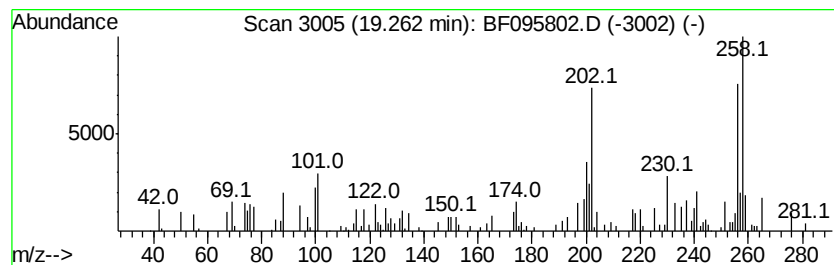
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benz[a]anthracene, 7,12-dim... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	4.60 ng	66936	Perylene-d12	20.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	86
2			Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	70
3			Chrysene, 5-ethyl-	256	C20H16	054986-62-8	62
4			4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	52
5			Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095802.D
Acq On : 9 Jun 2017 1:18
Operator : SJ/MA
Sample : I3470-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POSTEX-49-20170602

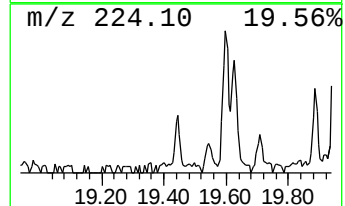
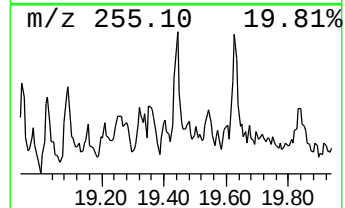
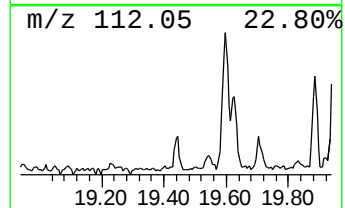
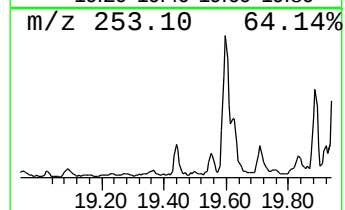
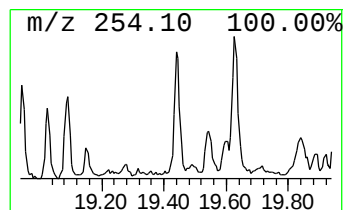
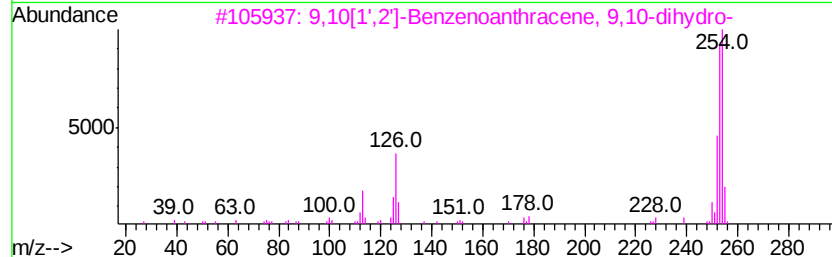
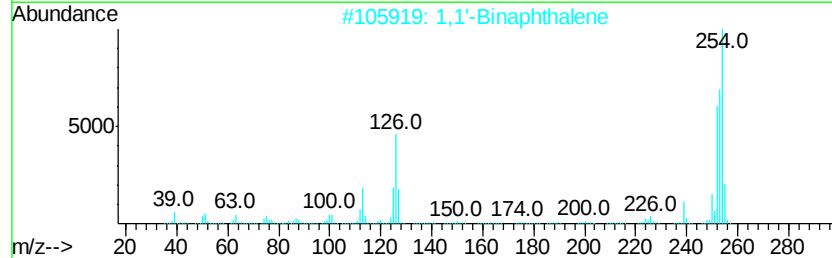
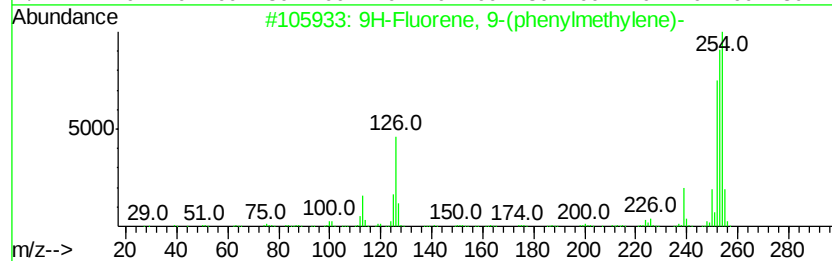
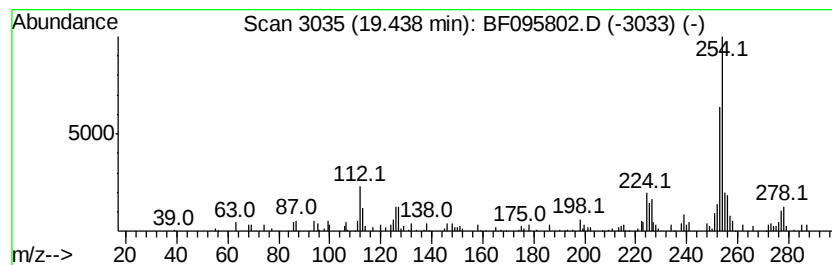
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9H-Fluorene, 9-(phenylmethy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	3.98 ng	57887	Perylene-d12	20.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-(phenylmethylen)-	254	C20H14	001836-87-9	70
2		1,1'-Binaphthalene	254	C20H14	000604-53-5	64
3		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
4		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	58
5		1,2'-Binaphthalene	254	C20H14	004325-74-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060817\
 Data File : BF095802.D
 Acq On : 9 Jun 2017 1:18
 Operator : SJ/MA
 Sample : I3470-07 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-49-20170602

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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...	4.56	2.7 ng		54959	1	7.37	409988	20.0
unknown7.02	7.02	41.6 ng		852831	1	7.37	409988	20.0
Anthracene, 2-met...	15.42	7.3 ng		189703	4	14.62	521967	20.0
Phenanthrene, 2-m...	15.46	8.8 ng		230345	4	14.62	521967	20.0
4H-Cyclopenta[def...	15.57	10.6 ng		276942	4	14.62	521967	20.0
1H-Cyclopropa[l]p...	15.61	9.6 ng		249900	4	14.62	521967	20.0
Naphthalene, 2-ph...	15.87	4.6 ng		119230	4	14.62	521967	20.0
9,10-Anthracenedione	15.92	3.8 ng		97747	4	14.62	521967	20.0
Phenanthrene, 2,5...	16.23	7.7 ng		200911	4	14.62	521967	20.0
unknown16.27	16.27	4.8 ng		125018	4	14.62	521967	20.0
Cyclopenta(def)ph...	16.35	7.0 ng		181717	4	14.62	521967	20.0
Pyrene, 1-methyl-	17.18	3.2 ng		169258	5	18.33	1071280	20.0
Pyrene, 2-methyl-	17.33	5.3 ng		283932	5	18.33	1071280	20.0
11H-Benzo[a]fluor...	18.16	3.0 ng		160073	5	18.33	1071280	20.0
Triphenylene, 2-m...	18.84	3.5 ng		190127	5	18.33	1071280	20.0
Benz[a]anthracene...	19.26	4.6 ng		66936	6	20.00	290720	20.0
9H-Fluorene, 9-(p...	19.44	4.0 ng		57887	6	20.00	290720	20.0