

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095652.D
 Acq On : 3 Jun 2017 00:54
 Operator : SJ/MA
 Sample : I3441-05 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-RO-141-060117

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	5.475	641	644	673	rBV2	82922	288152	34.13%	1.668%
2	7.122	920	924	936	rBV	84839	248988	29.49%	1.442%
3	7.210	936	939	950	rVV	204225	445370	52.76%	2.579%
4	7.540	990	995	1011	rBV	375370	511749	60.62%	2.963%
5	7.775	1031	1035	1057	rBV	211014	299305	35.45%	1.733%
6	8.463	1148	1152	1167	rBV	68591	173792	20.59%	1.006%
7	9.569	1336	1340	1353	rBV	519390	701022	83.04%	4.059%
8	10.739	1536	1539	1546	rBV	31141	41348	4.90%	0.239%
9	10.886	1558	1564	1573	rBV	39801	60416	7.16%	0.350%
10	11.345	1637	1642	1655	rBV	354555	438525	51.95%	2.539%
11	11.875	1726	1732	1736	rVV	67968	95368	11.30%	0.552%
12	11.916	1736	1739	1748	rVB	40621	52398	6.21%	0.303%
13	11.992	1748	1752	1757	rBV	28360	39923	4.73%	0.231%
14	12.051	1757	1762	1774	rVB2	44877	98503	11.67%	0.570%
15	12.169	1777	1782	1792	rBV	126343	193488	22.92%	1.120%
16	12.398	1816	1821	1828	rBV2	530779	680675	80.63%	3.941%
17	12.763	1876	1883	1888	rVV2	32484	62748	7.43%	0.363%
18	12.827	1888	1894	1899	rVV	39064	48335	5.73%	0.280%
19	12.945	1907	1914	1918	rBV	55676	82367	9.76%	0.477%
20	12.992	1918	1922	1926	rVV3	28321	42144	4.99%	0.244%
21	13.092	1931	1939	1941	rBV3	28268	57666	6.83%	0.334%
22	13.145	1945	1948	1958	rVB	39917	53667	6.36%	0.311%
23	13.245	1958	1965	1968	rBV2	57112	89454	10.60%	0.518%
24	13.292	1968	1973	1983	rVV2	84626	155461	18.42%	0.900%
25	13.386	1983	1989	1994	rVV6	19475	47549	5.63%	0.275%
26	13.580	2015	2022	2030	rVV8	27350	80598	9.55%	0.467%
27	13.704	2038	2043	2051	rVV2	109356	198255	23.48%	1.148%
28	14.039	2097	2100	2104	rVV4	31385	43743	5.18%	0.253%
29	14.198	2120	2127	2130	rBV2	49736	103086	12.21%	0.597%
30	14.233	2130	2133	2139	rVB	53919	74414	8.81%	0.431%
31	14.321	2144	2148	2154	rVB2	28582	43217	5.12%	0.250%
32	14.527	2178	2183	2189	rVV3	36832	64322	7.62%	0.372%
33	14.633	2197	2201	2206	rVB	47863	58822	6.97%	0.341%
34	14.798	2224	2229	2232	rBV	441346	523483	62.01%	3.031%

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35	14.839	2232	2236	2243	rVB	530036	699952	82.91%	4.053%
36	14.927	2245	2251	2260	rVB	119869	164406	19.47%	0.952%
37	15.021	2260	2267	2270	rBV2	38078	66026	7.82%	0.382%
38	15.086	2275	2278	2282	rVV4	23860	43911	5.20%	0.254%
39	15.257	2301	2307	2310	rVV5	23317	48857	5.79%	0.283%
40	15.327	2316	2319	2324	rVV	69733	87958	10.42%	0.509%
41	15.463	2338	2342	2348	rVB2	50313	74631	8.84%	0.432%
42	15.592	2359	2364	2368	rVV	278222	315780	37.41%	1.828%
43	15.633	2368	2371	2377	rVB	295751	336854	39.90%	1.950%
44	15.704	2380	2383	2386	rBV	78939	86877	10.29%	0.503%
45	15.745	2386	2390	2394	rVV2	290894	397392	47.07%	2.301%
46	15.786	2394	2397	2403	rVB	223813	283561	33.59%	1.642%
47	15.939	2420	2423	2430	rVV5	36922	55762	6.61%	0.323%
48	16.039	2435	2440	2449	rVV4	79172	175961	20.84%	1.019%
49	16.104	2449	2451	2455	rVB3	34912	43190	5.12%	0.250%
50	16.210	2459	2469	2472	rBV5	29174	54689	6.48%	0.317%
51	16.251	2472	2476	2479	rBV	60441	78710	9.32%	0.456%
52	16.298	2479	2484	2487	rVV	95994	116141	13.76%	0.672%
53	16.333	2487	2490	2493	rVB	55573	57098	6.76%	0.331%
54	16.398	2496	2501	2504	rBV	267357	331466	39.26%	1.919%
55	16.439	2504	2508	2512	rVV2	132593	199790	23.67%	1.157%
56	16.474	2512	2514	2517	rVB2	81310	71652	8.49%	0.415%
57	16.521	2517	2522	2528	rVB2	125700	205424	24.33%	1.189%
58	16.598	2532	2535	2540	rVV	358465	420323	49.79%	2.434%
59	16.639	2540	2542	2548	rVB2	43439	53101	6.29%	0.307%
60	16.698	2548	2552	2555	rBV2	80577	99113	11.74%	0.574%
61	16.739	2555	2559	2561	rBV2	105157	130409	15.45%	0.755%
62	16.774	2561	2565	2573	rVB3	251665	352578	41.77%	2.041%
63	16.839	2573	2576	2580	rBV3	52768	65636	7.77%	0.380%
64	16.904	2580	2587	2593	rVB	652166	759290	89.94%	4.396%
65	16.974	2596	2599	2604	rBV2	53715	64078	7.59%	0.371%
66	17.021	2604	2607	2612	rVB	79505	105420	12.49%	0.610%
67	17.098	2616	2620	2623	rBV4	32979	46927	5.56%	0.272%
68	17.145	2624	2628	2637	rVB	320655	410687	48.65%	2.378%
69	17.221	2637	2641	2645	rBV2	97136	163883	19.41%	0.949%
70	17.345	2653	2662	2664	rBV5	102459	215574	25.54%	1.248%
71	17.368	2664	2666	2672	rVB	149018	172727	20.46%	1.000%

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72	17.457	2678	2681	2685	rVV	65851	75635	8.96%	0.438%
73	17.504	2685	2689	2699	rVB	166927	245816	29.12%	1.423%
74	17.586	2699	2703	2705	rBV4	30507	41817	4.95%	0.242%
75	17.615	2705	2708	2712	rVV	164950	197212	23.36%	1.142%
76	17.657	2712	2715	2721	rVB	132964	152561	18.07%	0.883%
77	17.804	2735	2740	2743	rBV4	26760	40496	4.80%	0.234%
78	17.868	2747	2751	2753	rBV5	34997	48237	5.71%	0.279%
79	18.009	2772	2775	2777	rBV3	35777	41103	4.87%	0.238%
80	18.056	2781	2783	2787	rVB	58758	61644	7.30%	0.357%
81	18.115	2791	2793	2797	rBV	45971	48654	5.76%	0.282%
82	18.168	2798	2802	2805	rBV2	74448	105080	12.45%	0.608%
83	18.204	2805	2808	2811	rVB2	92457	106571	12.62%	0.617%
84	18.315	2823	2827	2828	rBV2	32095	41324	4.90%	0.239%
85	18.339	2828	2831	2838	rVB2	54256	84218	9.98%	0.488%
86	18.398	2838	2841	2845	rBV3	29395	43512	5.15%	0.252%
87	18.498	2852	2858	2861	rBV2	538205	844194	100.00%	4.888%
88	18.533	2861	2864	2870	rVB	229745	334238	39.59%	1.935%
89	18.621	2876	2879	2883	rVB4	55491	74843	8.87%	0.433%
90	18.715	2892	2895	2900	rVB2	49013	70469	8.35%	0.408%
91	19.003	2938	2944	2948	rBV2	142884	192737	22.83%	1.116%
92	19.045	2948	2951	2955	rVB	93110	96361	11.41%	0.558%
93	19.092	2955	2959	2961	rBV4	46165	77972	9.24%	0.451%
94	19.162	2967	2971	2973	rBV2	61980	83067	9.84%	0.481%
95	19.603	3044	3046	3052	rBV6	34201	67455	7.99%	0.391%
96	19.768	3070	3074	3077	rBV	135544	177597	21.04%	1.028%
97	19.886	3091	3094	3097	rBV	38006	42635	5.05%	0.247%
98	20.062	3120	3124	3127	rBV	111978	127015	15.05%	0.735%
99	20.121	3130	3134	3138	rBV	144561	177886	21.07%	1.030%
100	20.174	3139	3143	3146	rBV	280898	316667	37.51%	1.833%

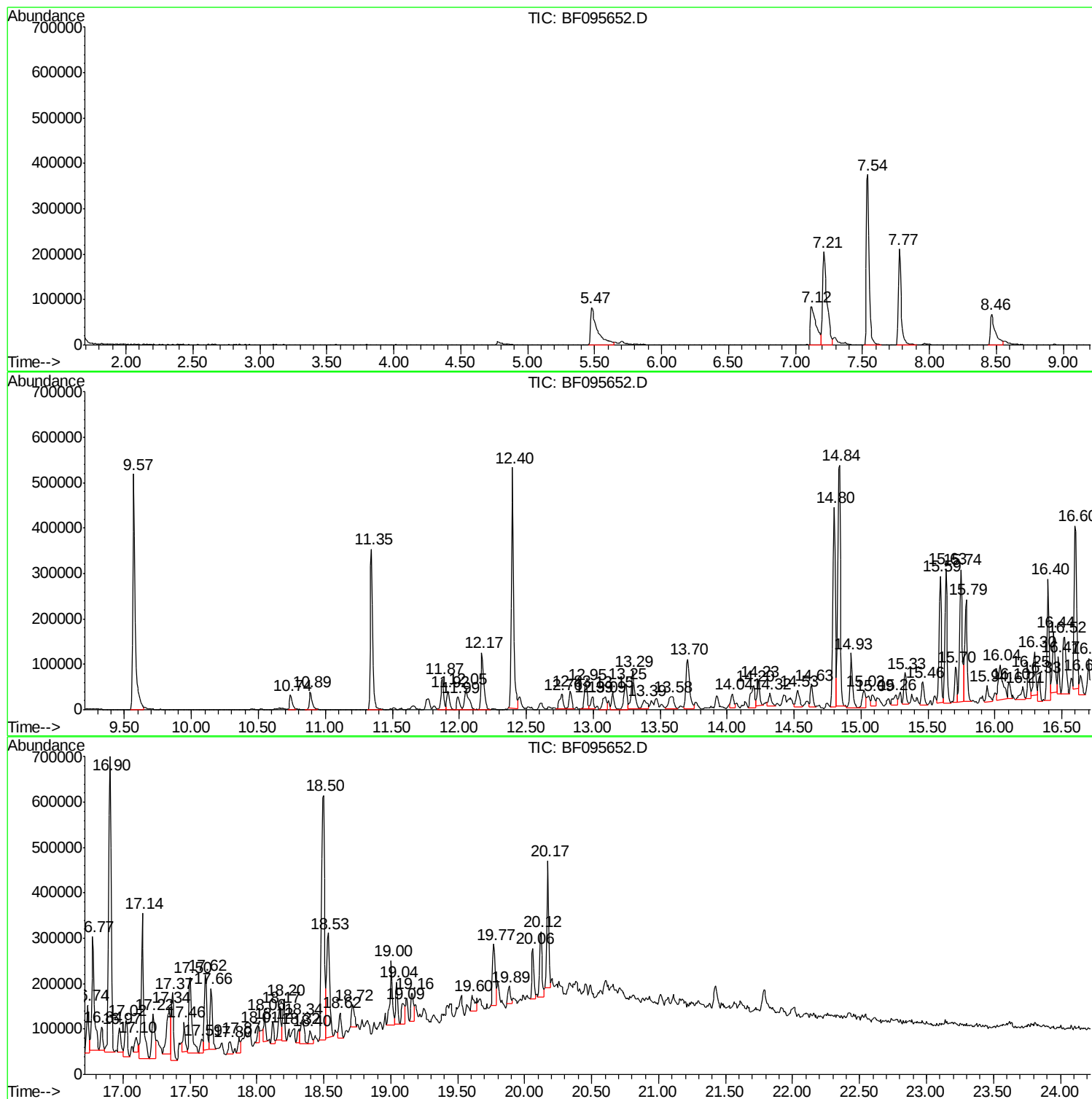
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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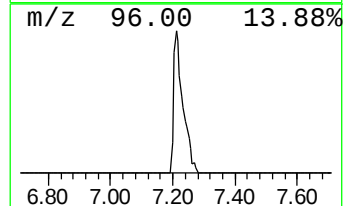
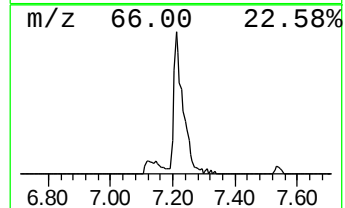
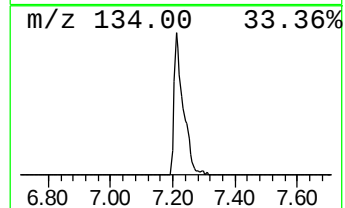
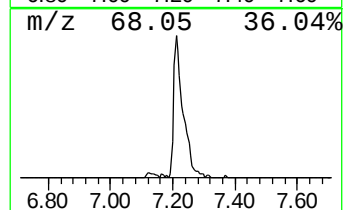
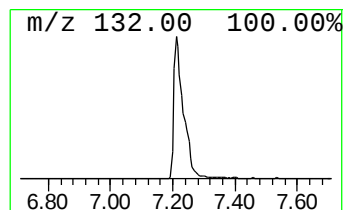
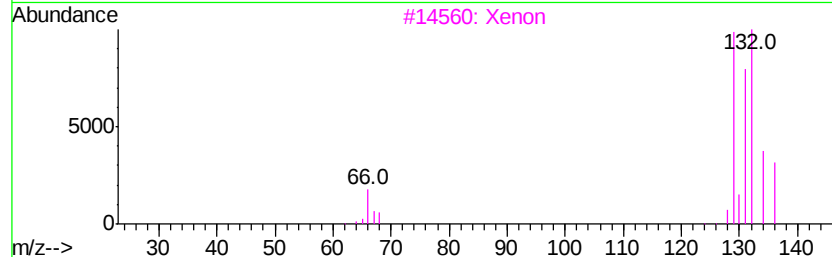
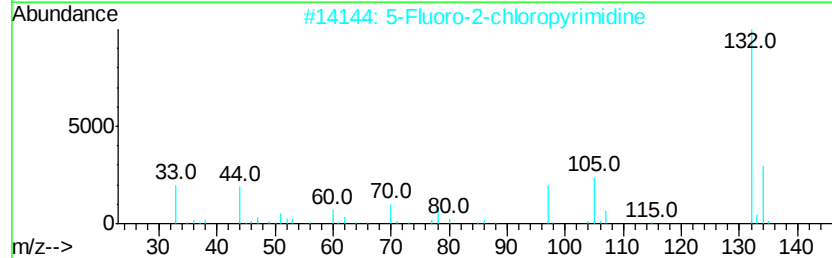
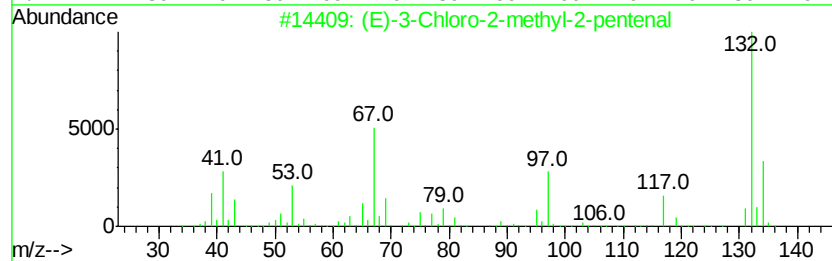
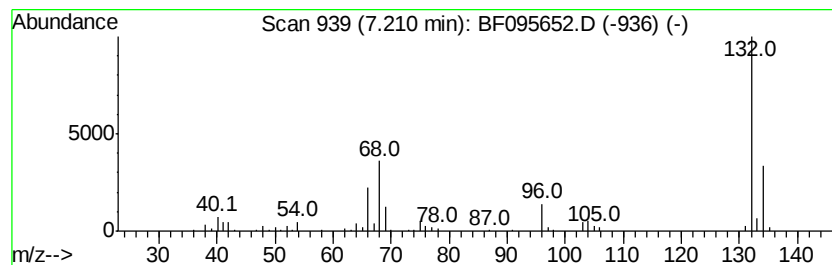
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	17.41 ng	445370	1,4-Dichlorobenzene-d4	7.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3		Xenon	132	Xe	007440-63-3	9
4		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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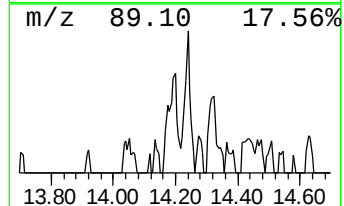
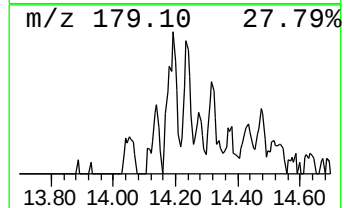
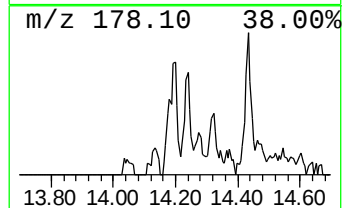
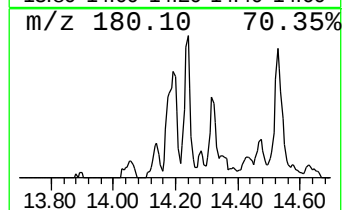
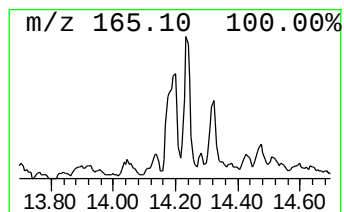
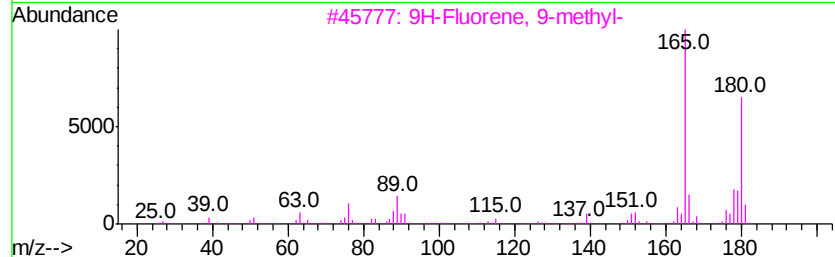
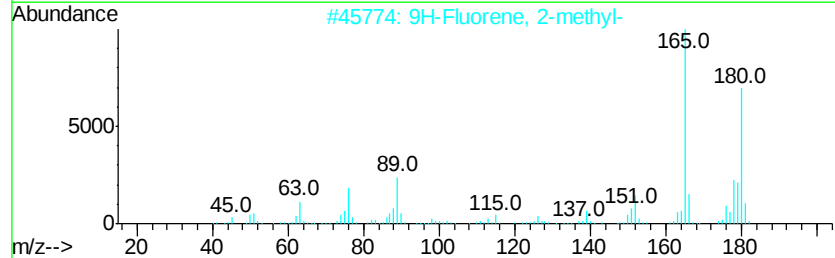
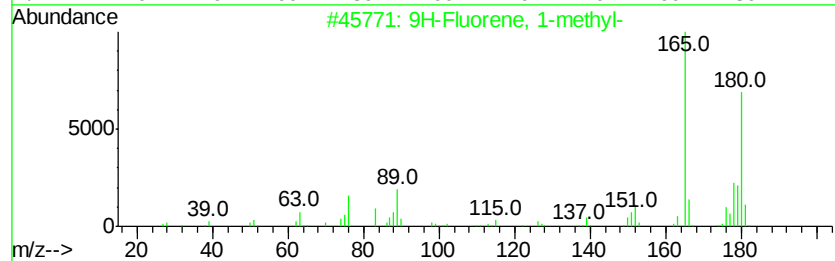
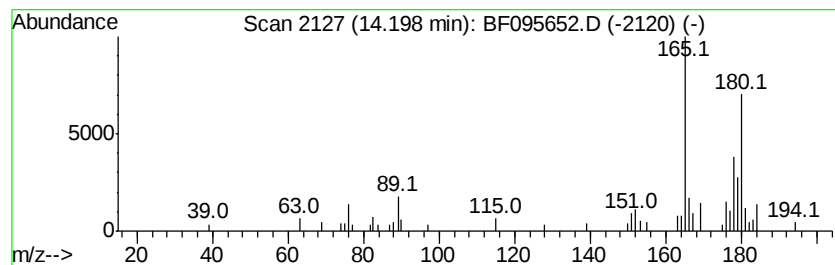
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.94 ng	103086	Phenanthrene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
3		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64
5		Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	58



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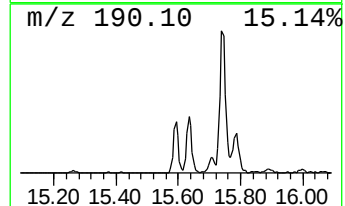
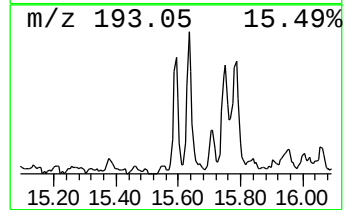
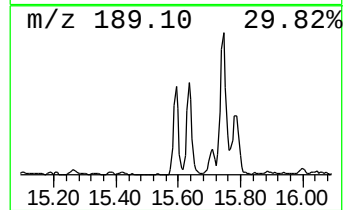
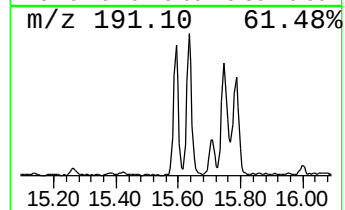
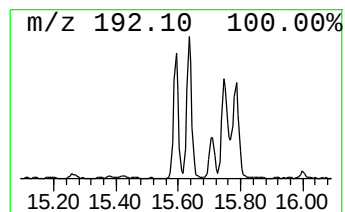
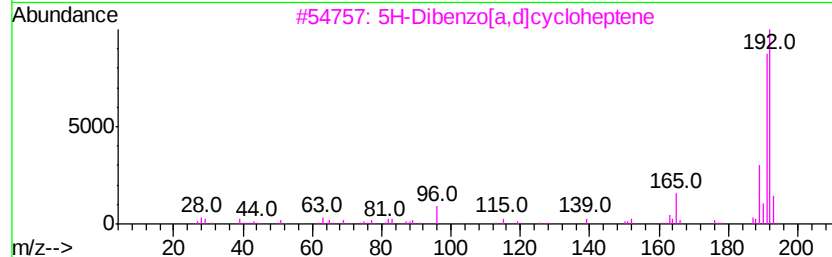
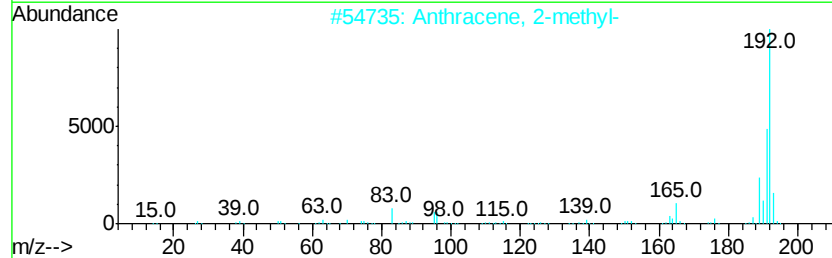
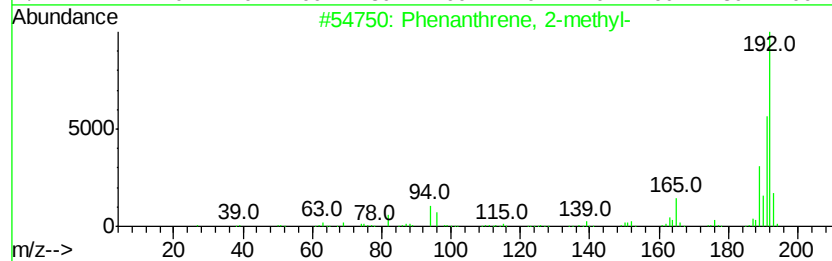
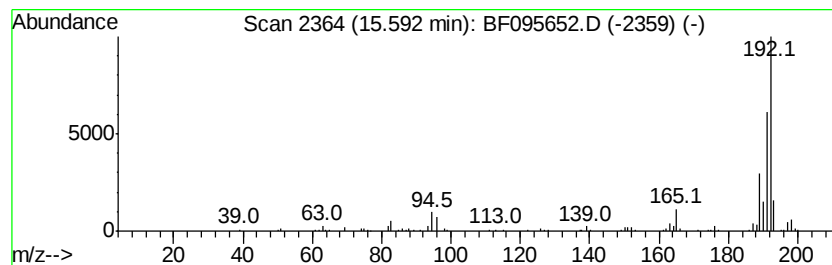
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	12.06 ng	315780	Phenanthrene-d10	14.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060217\
Data File : BF095652.D
Acq On : 3 Jun 2017 00:54
Operator : SJ/MA
Sample : I3441-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-RO-141-060117

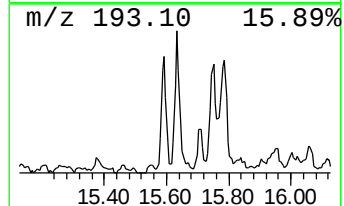
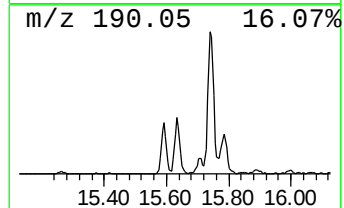
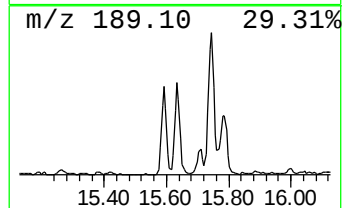
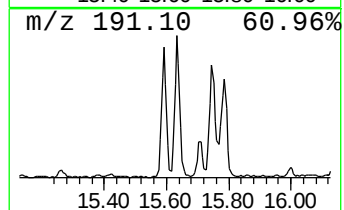
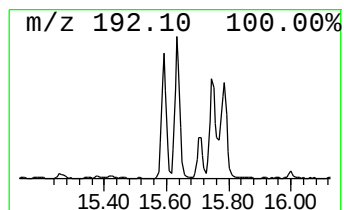
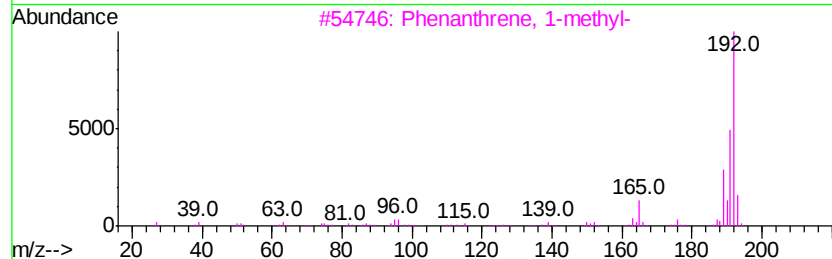
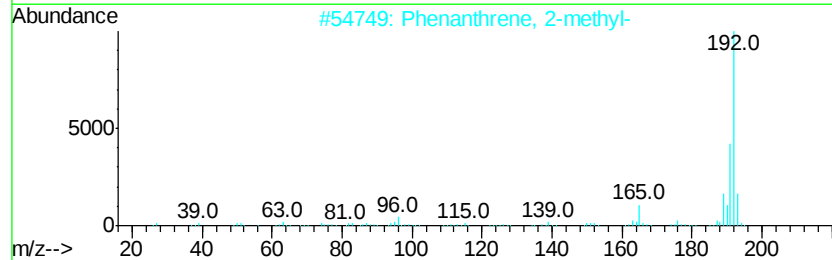
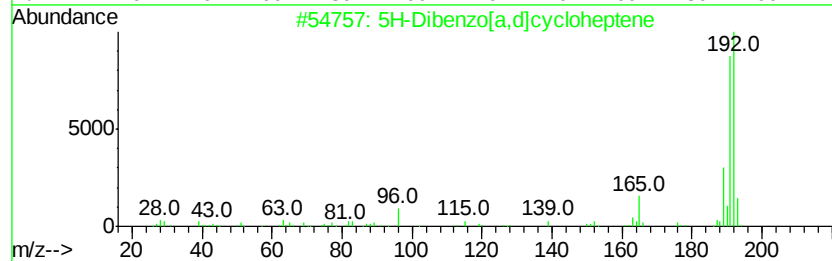
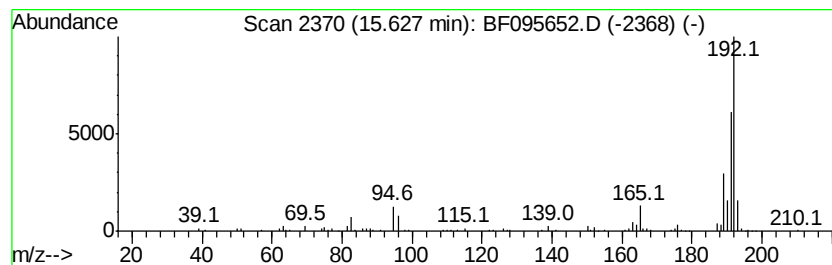
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 5H-Dibenzo[a,d]cycloheptene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	12.87 ng	336854	Phenanthrene-d10	14.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
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Acq On : 3 Jun 2017 00:54
Operator : SJ/MA
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ClientSampleId :
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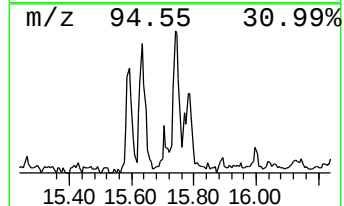
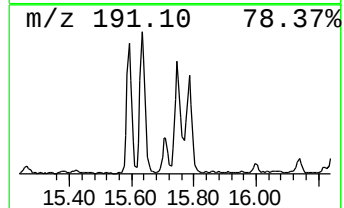
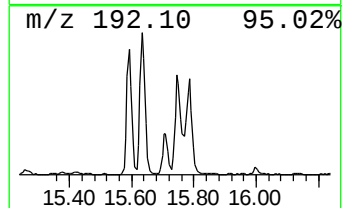
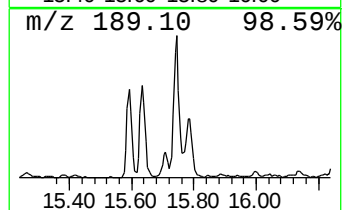
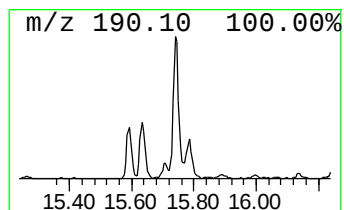
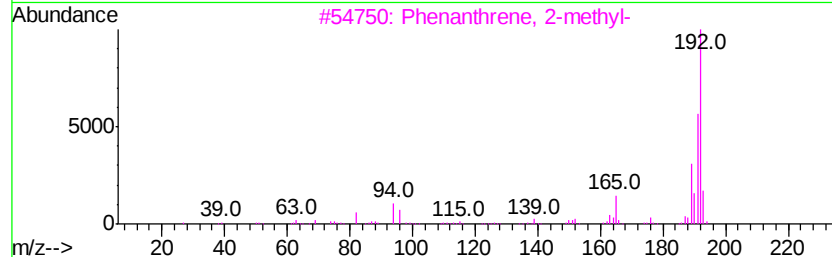
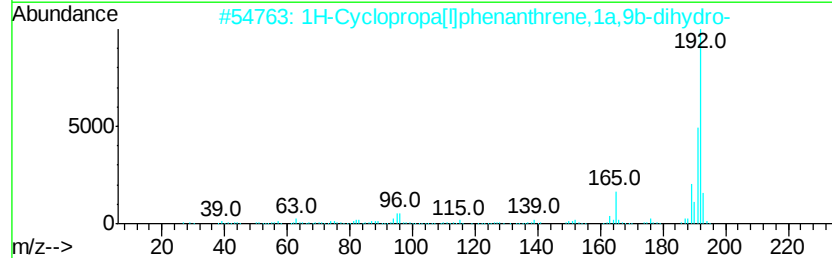
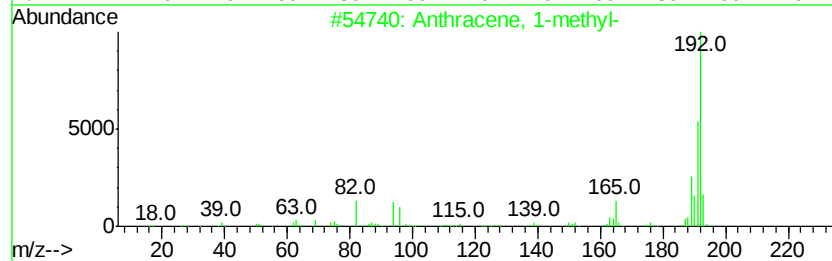
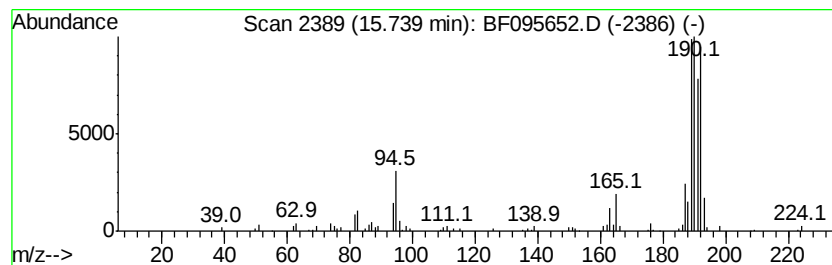
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	15.18 ng	397392	Phenanthrene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	60
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060217\
Data File : BF095652.D
Acq On : 3 Jun 2017 00:54
Operator : SJ/MA
Sample : I3441-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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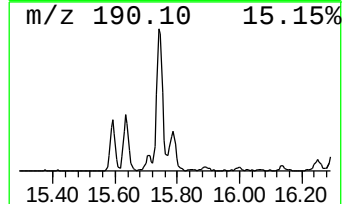
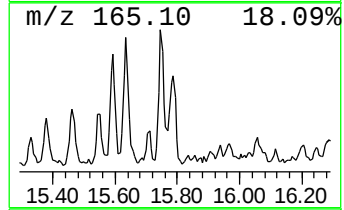
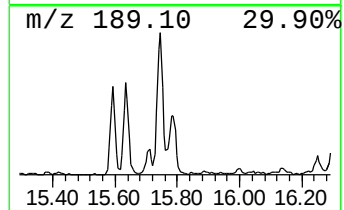
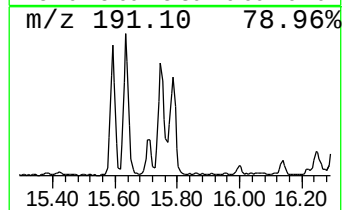
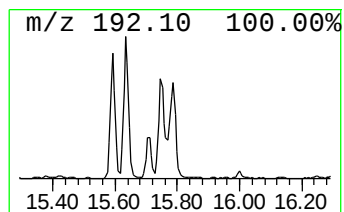
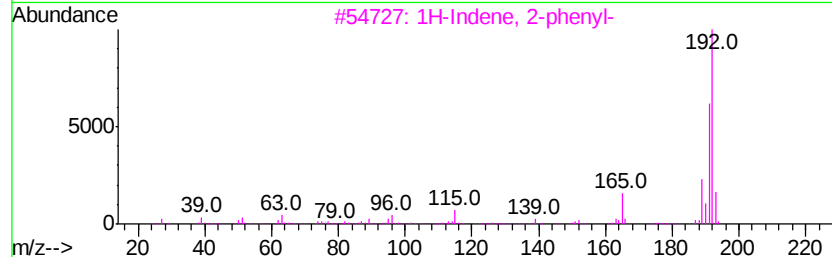
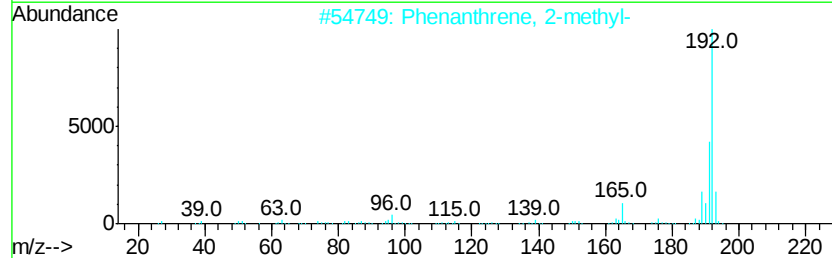
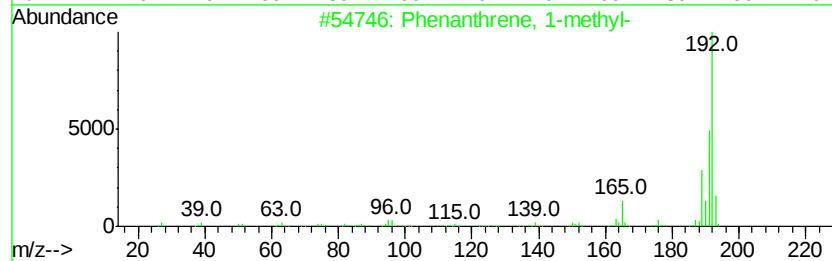
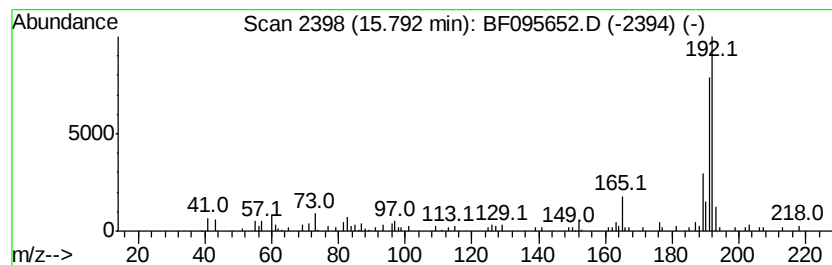
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	10.83 ng	283561	Phenanthrene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060217\
Data File : BF095652.D
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Operator : SJ/MA
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Instrument :
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ClientSampleId :
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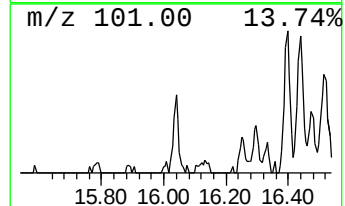
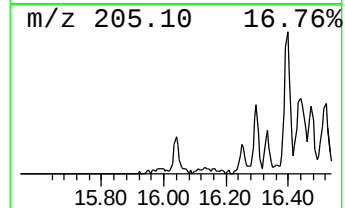
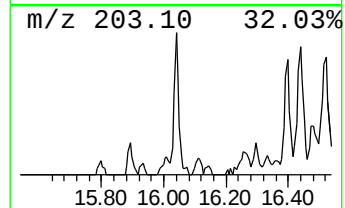
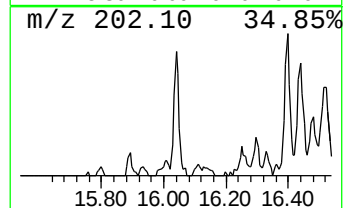
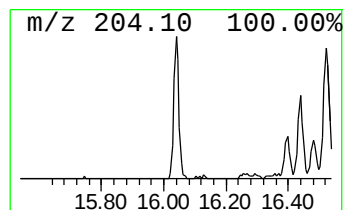
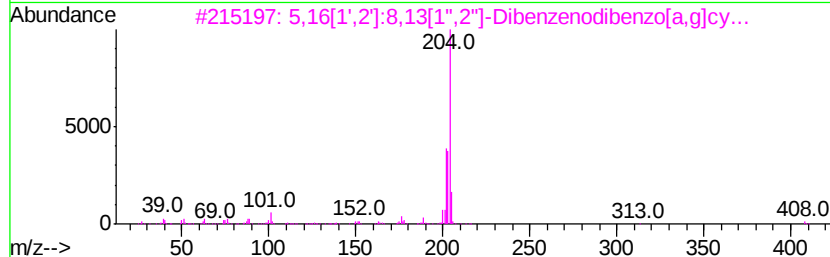
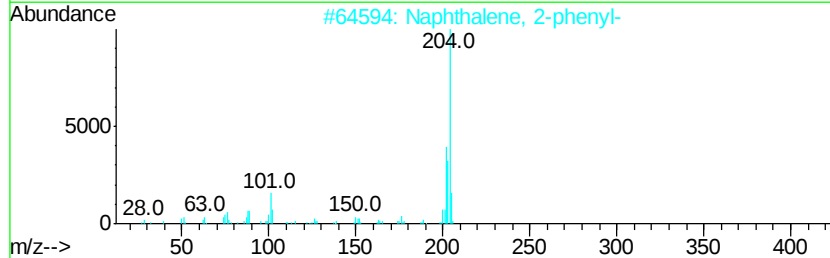
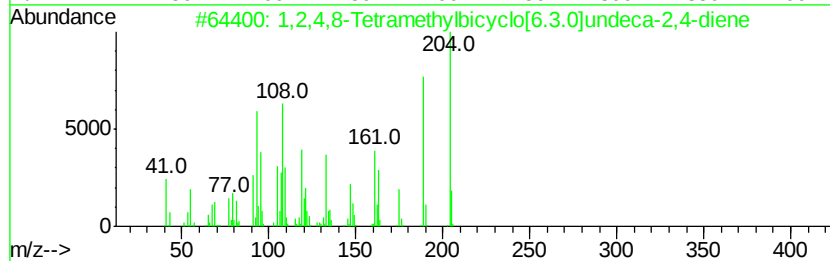
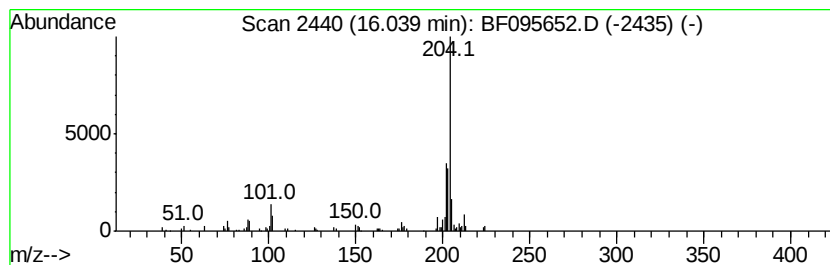
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	6.72 ng	175961	Phenanthrene-d10	14.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	90
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3			5,16[1',2':8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060217\
Data File : BF095652.D
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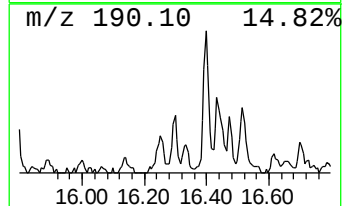
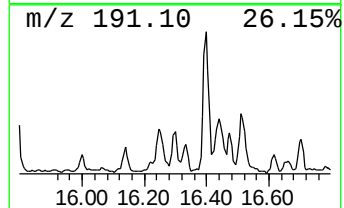
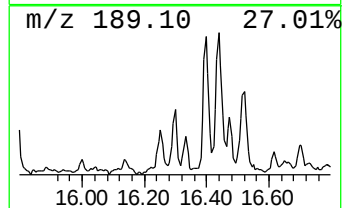
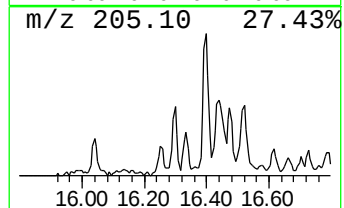
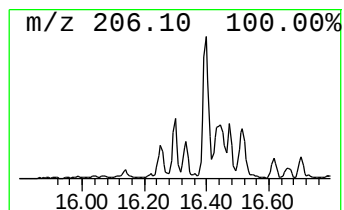
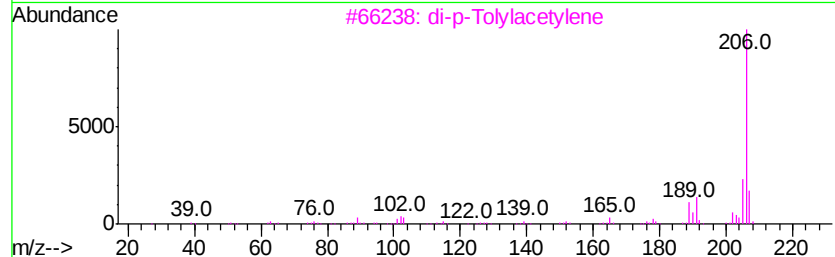
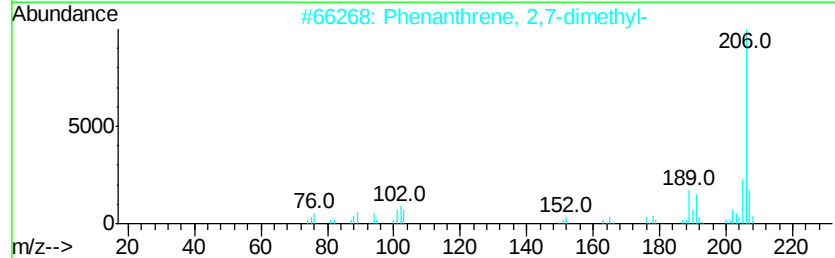
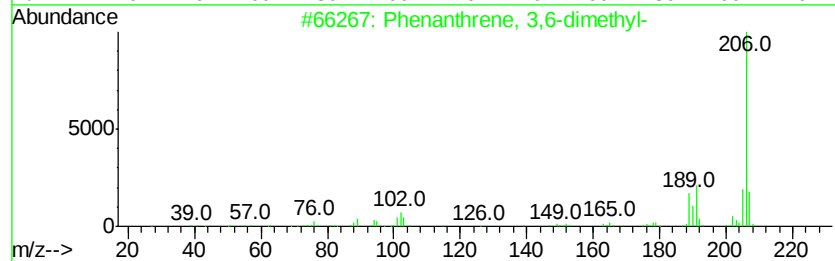
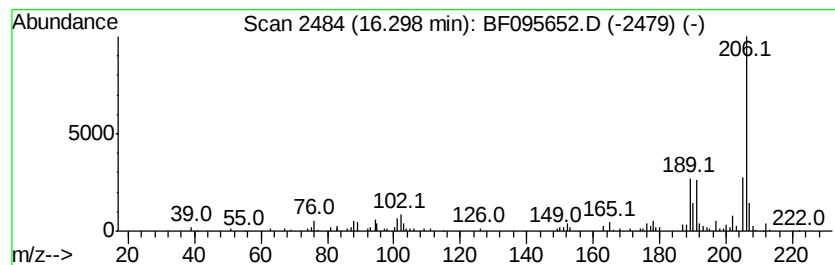
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	4.44 ng	116141	Phenanthrene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	74
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
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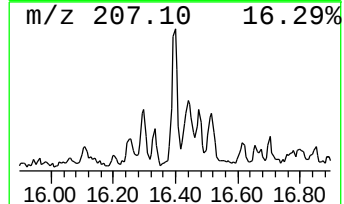
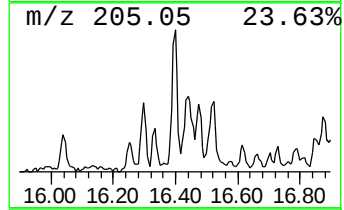
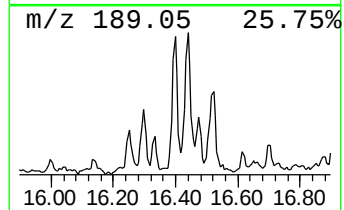
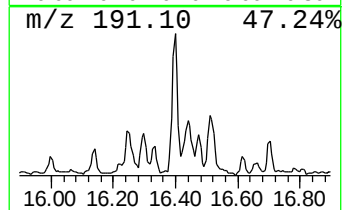
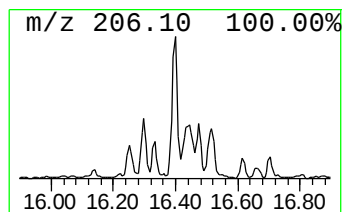
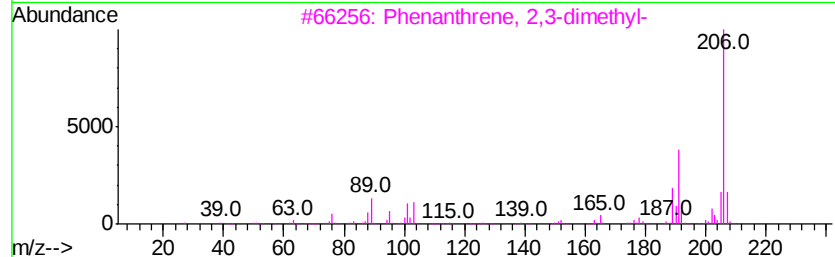
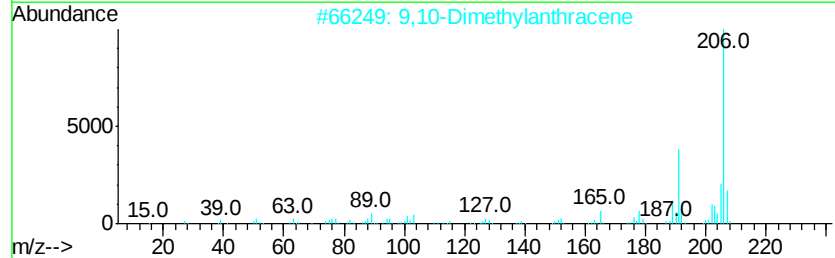
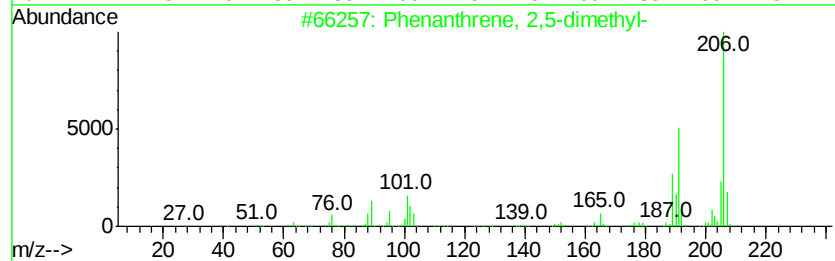
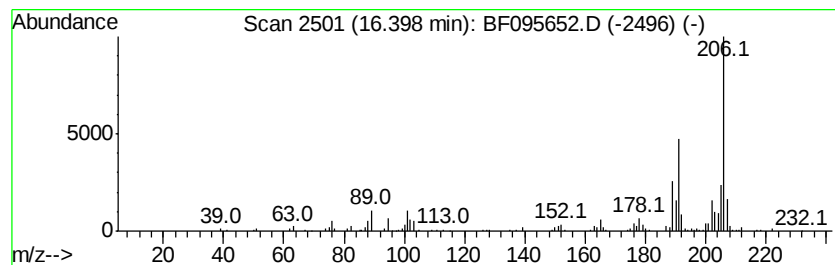
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.40	12.66 ng	331466	Phenanthrene-d10		14.80
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060217\
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ALS Vial : 22 Sample Multiplier: 1

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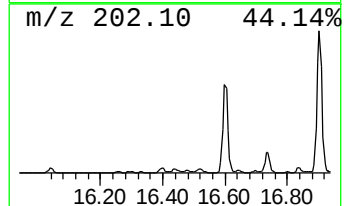
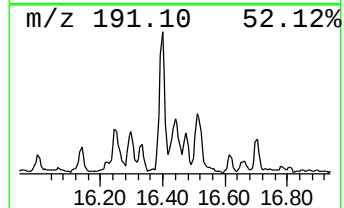
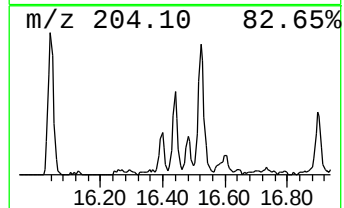
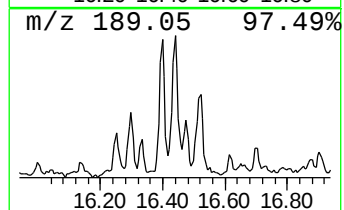
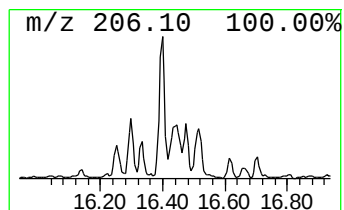
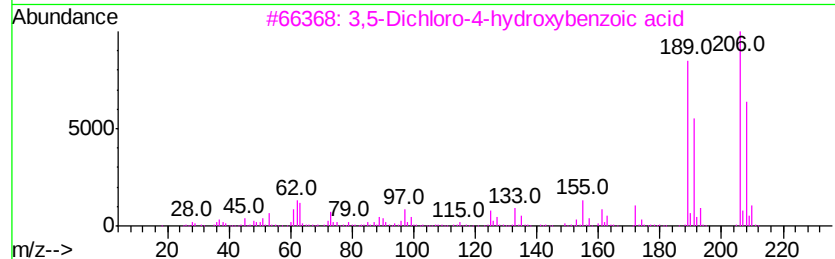
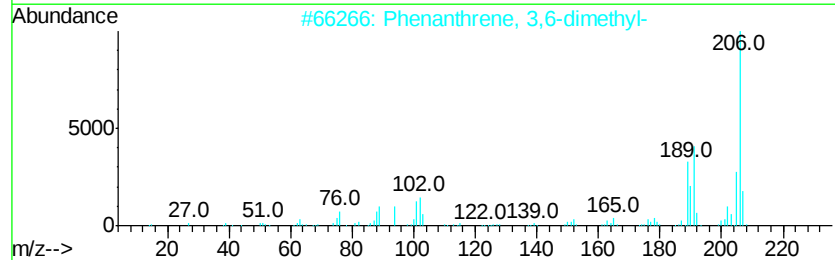
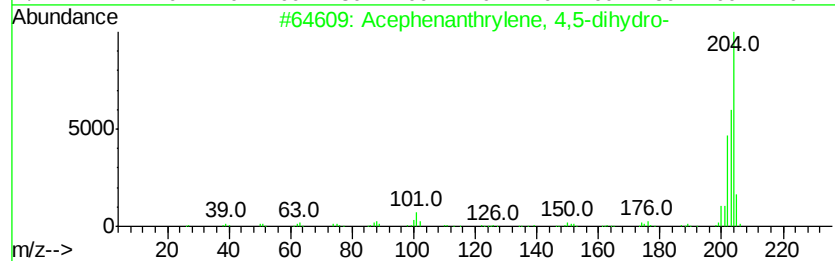
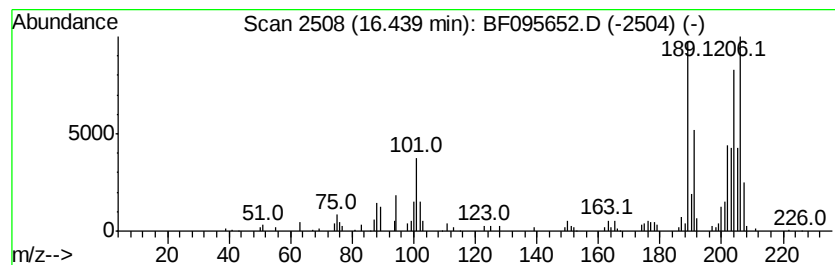
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.44 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	7.63 ng	199790	Phenanthrene-d10	14.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	48
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
3			3,5-Dichloro-4-hydroxybenzoic acid	206	C7H4Cl2O3	003336-41-2	38
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	30
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095652.D
Acq On : 3 Jun 2017 00:54
Operator : SJ/MA
Sample : I3441-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

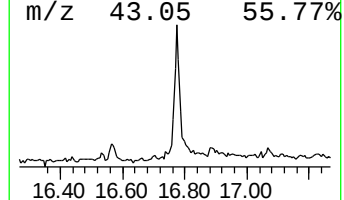
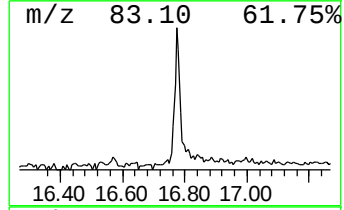
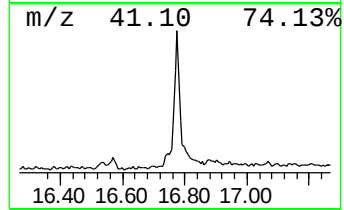
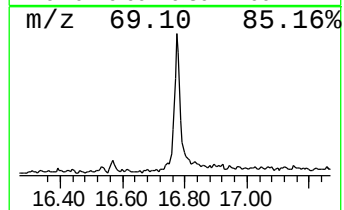
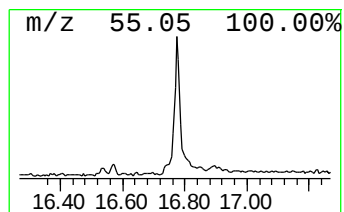
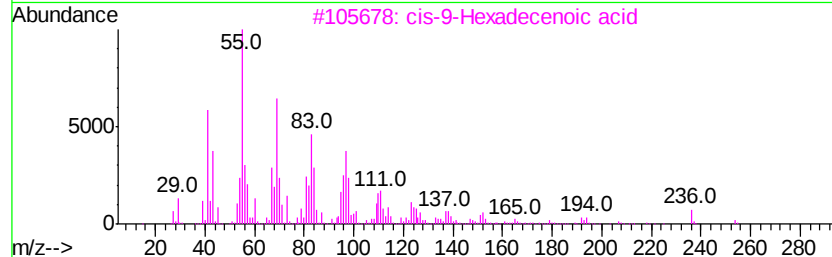
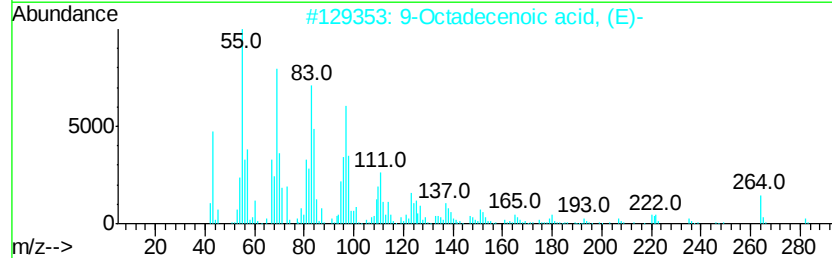
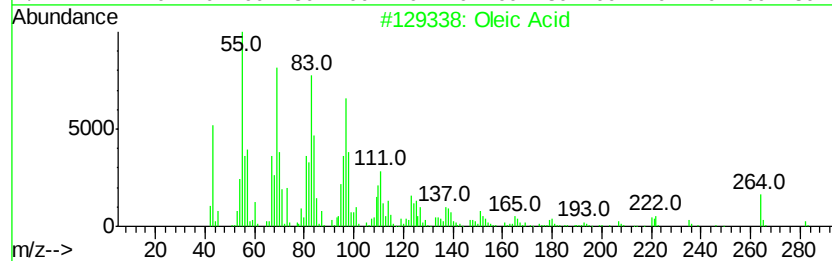
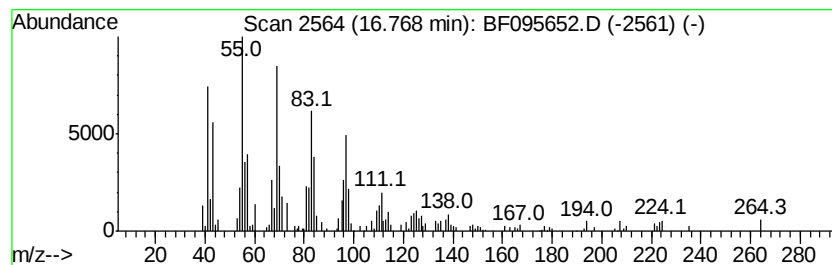
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Oleic Acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.77	8.35 ng	352578	Chrysene-d12		18.50	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oleic Acid	282	C18H34O2	000112-80-1	91
2		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
3		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	64
4		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	55
5		Cyclopentane, 1,1'-[3-(2-cyclope...	304	C22H40	055255-85-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060217\
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Sample : I3441-05 5X
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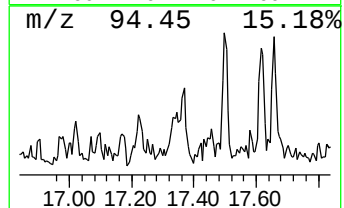
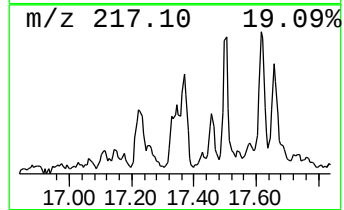
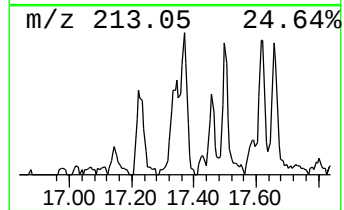
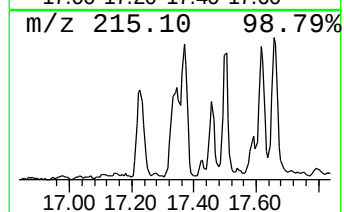
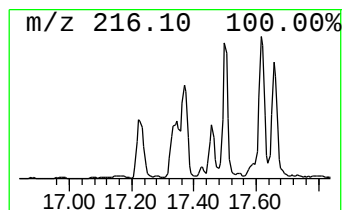
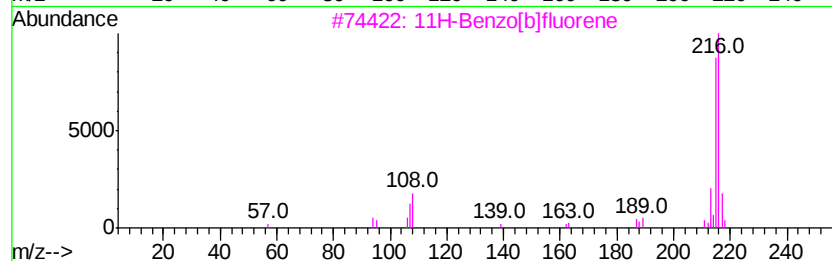
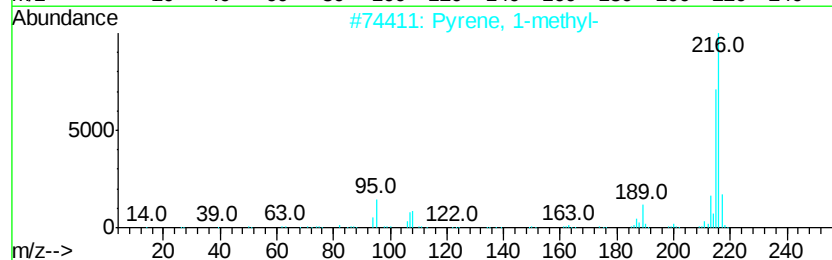
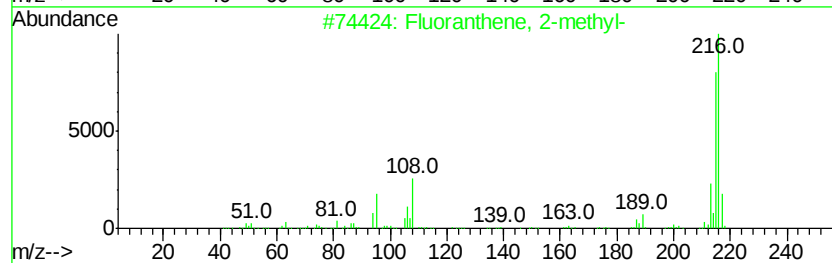
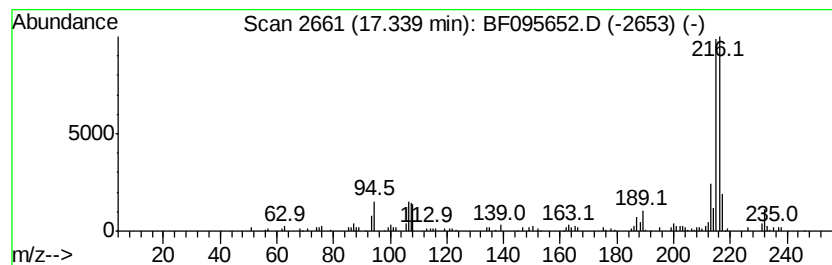
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.34	5.11 ng	215574	Chrysene-d12	18.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095652.D
Acq On : 3 Jun 2017 00:54
Operator : SJ/MA
Sample : I3441-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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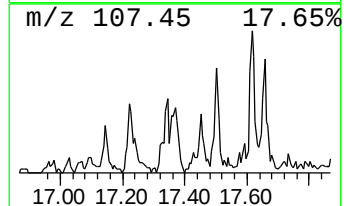
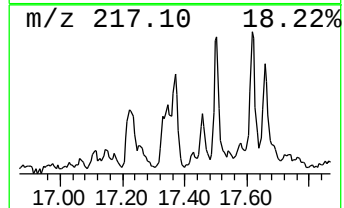
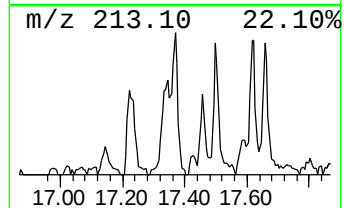
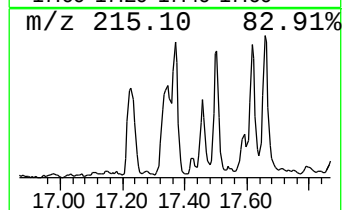
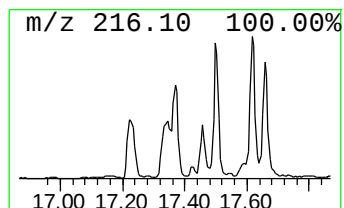
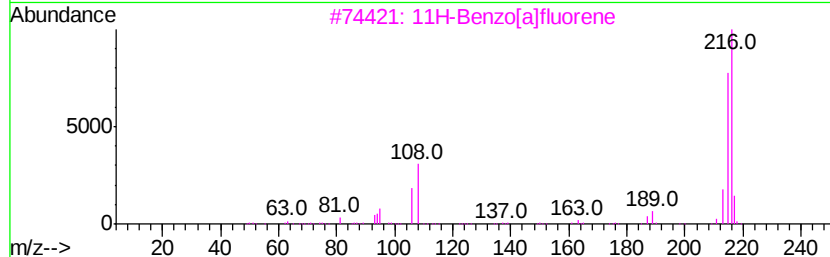
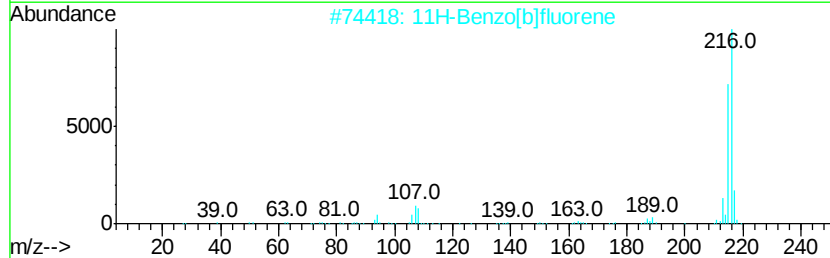
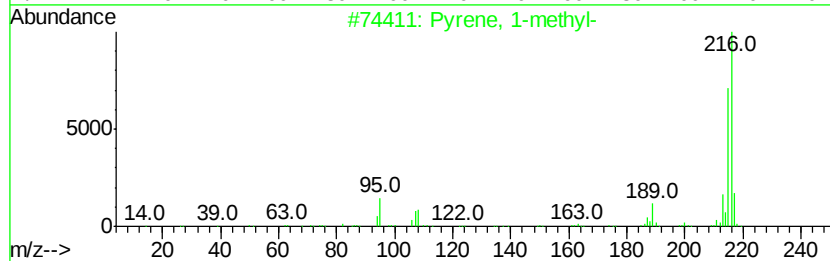
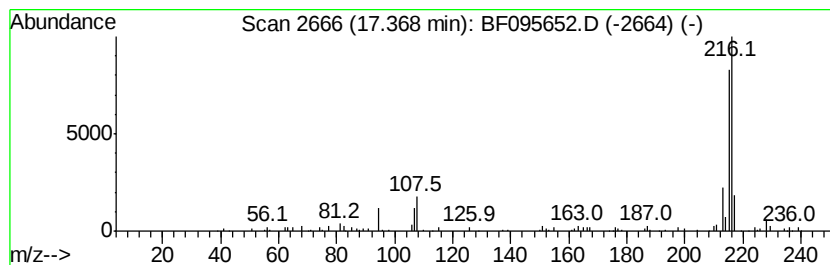
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	4.09 ng	172727	Chrysene-d12	18.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
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Acq On : 3 Jun 2017 00:54
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ALS Vial : 22 Sample Multiplier: 1

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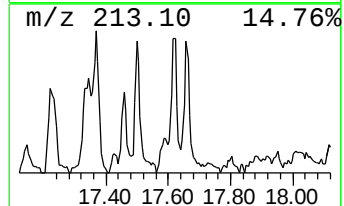
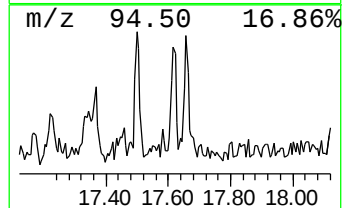
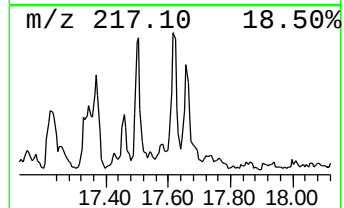
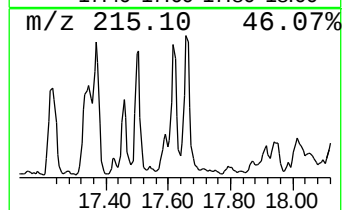
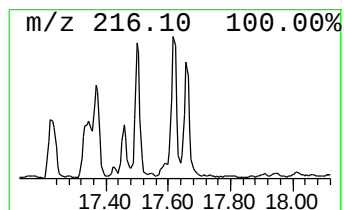
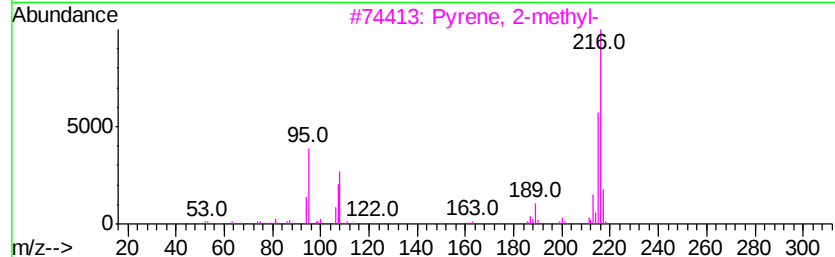
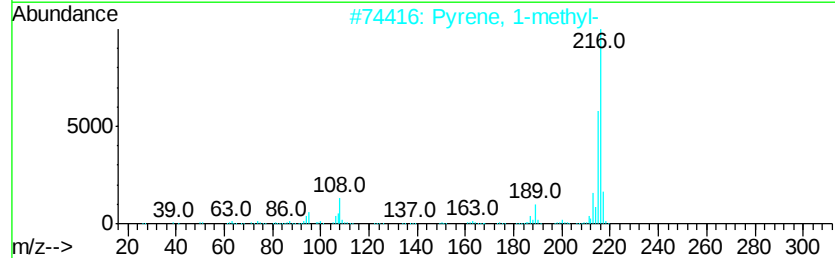
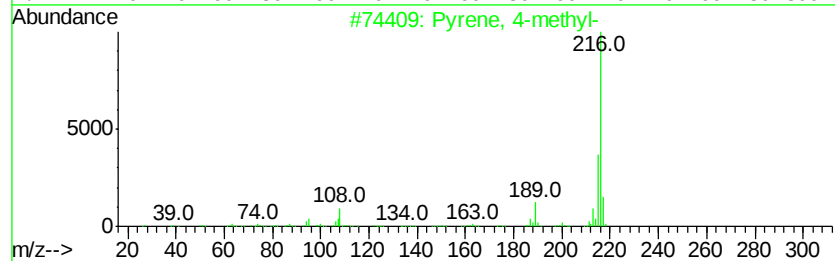
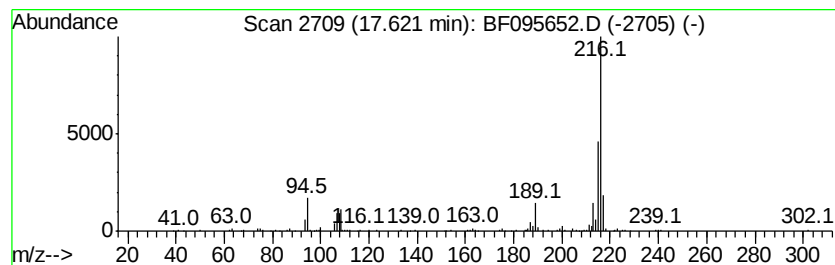
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	4.67 ng	197212	Chrysene-d12	18.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095652.D
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Sample : I3441-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-RO-141-060117

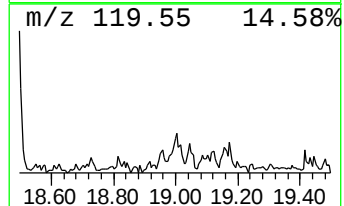
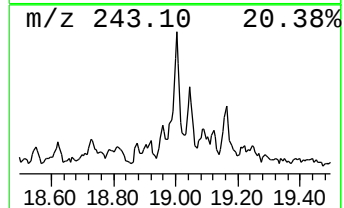
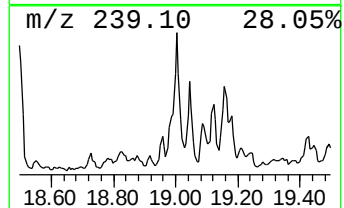
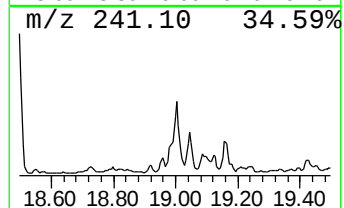
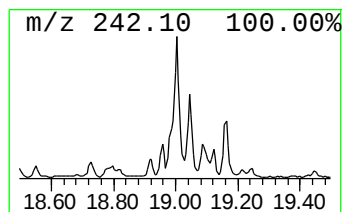
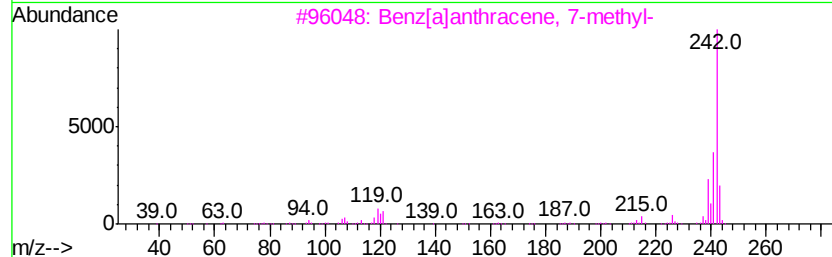
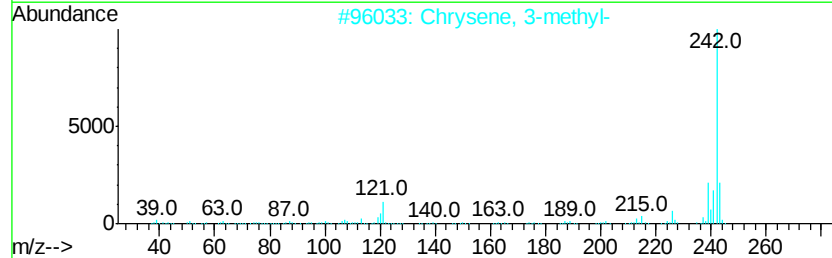
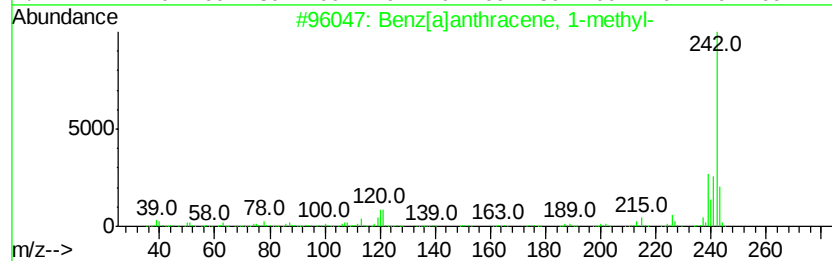
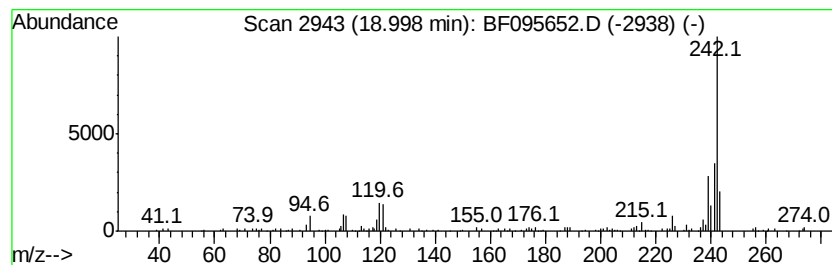
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benz[a]anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	4.57 ng	192737	Chrysene-d12	18.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	94
2		Chrysene, 3-methyl-	242	C19H14	003351-31-3	93
3		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
4		Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	92
5		Chrysene, 5-methyl-	242	C19H14	003697-24-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
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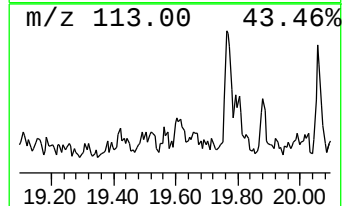
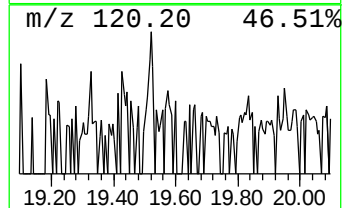
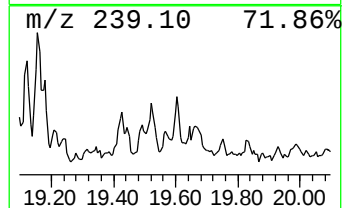
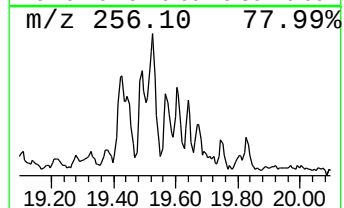
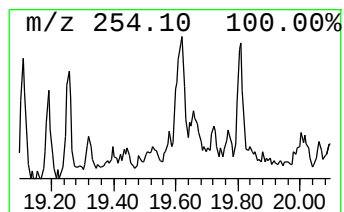
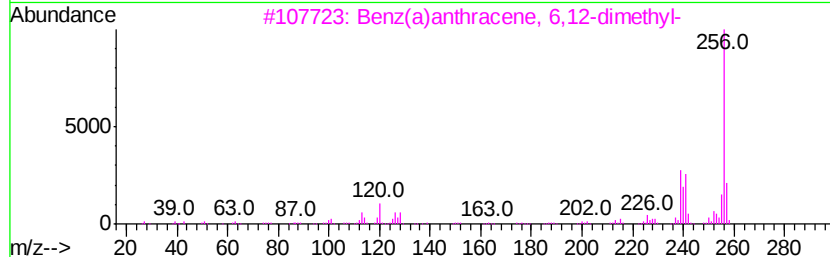
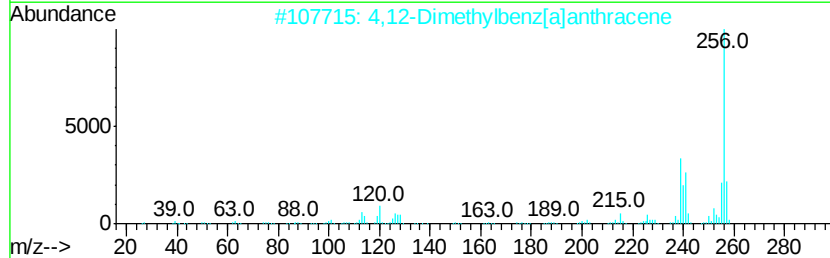
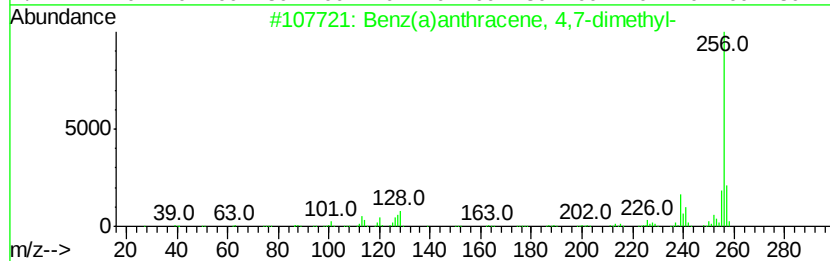
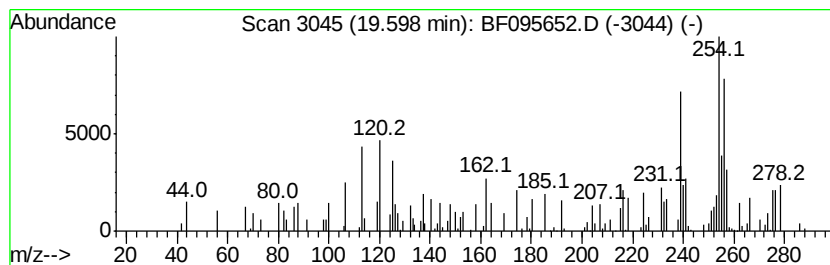
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benz(a)anthracene, 4,7-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	4.26 ng	67455	Perylene-d12	20.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	62
2			4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	53
3			Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	49
4			Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	46
5			4,5,6,7-Tetrafluorobenzo-2,1,3-s...	256	C6F4N2Se	019227-22-6	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060217\
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Sample : I3441-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-RO-141-060117

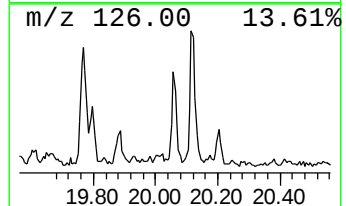
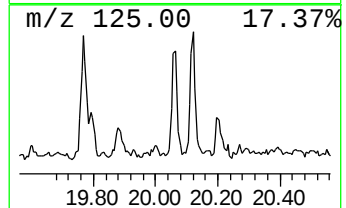
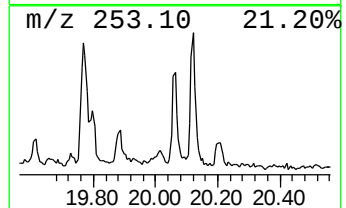
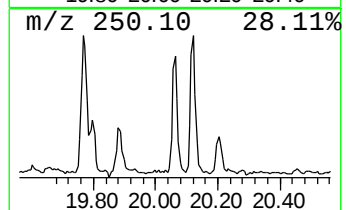
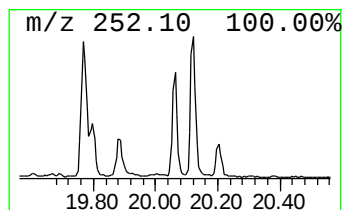
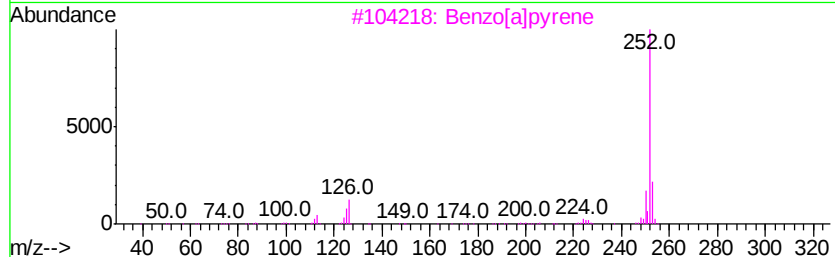
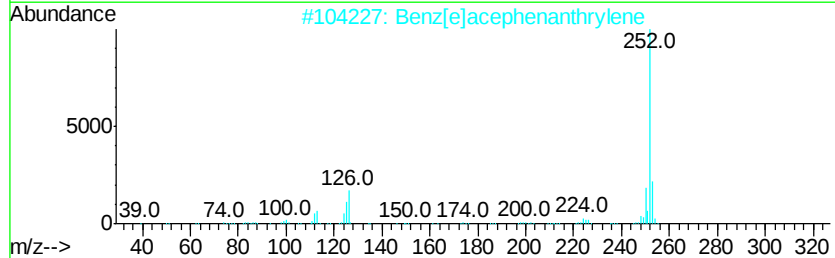
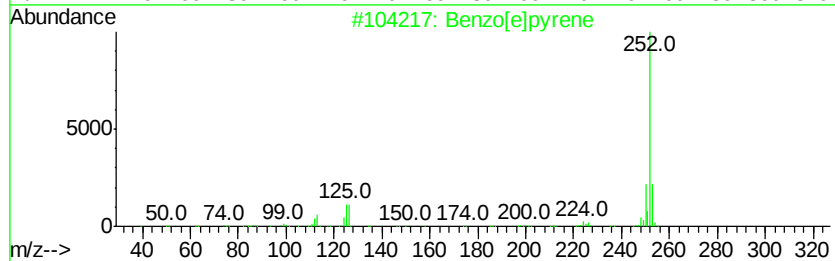
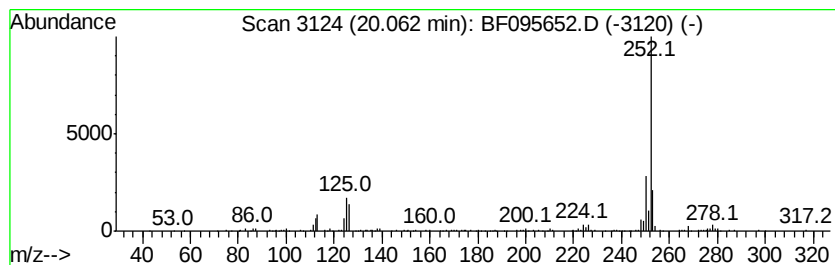
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	8.02 ng	127015	Perylene-d12	20.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]bpvrene	252	C20H12	000192-97-2	97
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Benzo[a]bpvrene	252	C20H12	000050-32-8	96
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060217\
 Data File : BF095652.D
 Acq On : 3 Jun 2017 00:54
 Operator : SJ/MA
 Sample : I3441-05 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-RO-141-060117

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
unknown7.21	7.21	17.4	ng	445370	1	7.54	511749	20.0
9H-Fluorene, 1-me...	14.20	3.9	ng	103086	4	14.80	523483	20.0
Phenanthrene, 2-m...	15.59	12.1	ng	315780	4	14.80	523483	20.0
5H-Dibenzo[a,d]cy...	15.63	12.9	ng	336854	4	14.80	523483	20.0
Anthracene, 1-met...	15.74	15.2	ng	397392	4	14.80	523483	20.0
Phenanthrene, 1-m...	15.79	10.8	ng	283561	4	14.80	523483	20.0
1,2,4,8-Tetrameth...	16.04	6.7	ng	175961	4	14.80	523483	20.0
Phenanthrene, 3,6...	16.30	4.4	ng	116141	4	14.80	523483	20.0
Phenanthrene, 2,5...	16.40	12.7	ng	331466	4	14.80	523483	20.0
unknown16.44	16.44	7.6	ng	199790	4	14.80	523483	20.0
Oleic Acid	16.77	8.3	ng	352578	5	18.50	844194	20.0
Fluoranthene, 2-m...	17.34	5.1	ng	215574	5	18.50	844194	20.0
Pyrene, 1-methyl-	17.37	4.1	ng	172727	5	18.50	844194	20.0
Pyrene, 4-methyl-	17.62	4.7	ng	197212	5	18.50	844194	20.0
Benz[a]anthracene...	19.00	4.6	ng	192737	5	18.50	844194	20.0
Benz(a)anthracene...	19.60	4.3	ng	67455	6	20.17	316667	20.0
Benzo[e]pyrene	20.06	8.0	ng	127015	6	20.17	316667	20.0