

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
 Data File : BF096170.D
 Acq On : 23 Jun 2017 20:58
 Operator : SJ/MA
 Sample : I3775-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHD-SB-1020304-0-11

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	1.540	7	9	30	rBV	571026	1002331	44.90%	2.985%
2	4.434	496	501	521	rBV2	61723	194782	8.72%	0.580%
3	5.145	619	622	659	rBV	547717	1399074	62.67%	4.167%
4	6.834	906	909	920	rBV	636248	1210223	54.21%	3.605%
5	6.916	920	923	947	rVB	914872	1750600	78.41%	5.214%
6	7.257	977	981	994	rBV	285151	399464	17.89%	1.190%
7	7.492	1017	1021	1042	rBV	831779	1161897	52.04%	3.461%
8	8.181	1134	1138	1158	rBV	510172	850478	38.10%	2.533%
9	9.292	1323	1327	1343	rBV	372753	566226	25.36%	1.687%
10	11.074	1624	1630	1647	rBV	1365157	1738170	77.86%	5.177%
11	11.774	1744	1749	1760	rBV	234130	322401	14.44%	0.960%
12	11.892	1765	1769	1775	rBV	46765	65467	2.93%	0.195%
13	12.110	1801	1806	1812	rBV2	471143	618171	27.69%	1.841%
14	12.163	1812	1815	1823	rVB3	53339	82709	3.70%	0.246%
15	12.968	1947	1952	1955	rBV	33161	41385	1.85%	0.123%
16	13.010	1955	1959	1965	rVV	102754	128954	5.78%	0.384%
17	13.286	2002	2006	2010	rBV	26770	39848	1.78%	0.119%
18	13.410	2023	2027	2043	rBV	599399	974725	43.66%	2.903%
19	13.745	2078	2084	2086	rBV	41794	68351	3.06%	0.204%
20	13.915	2107	2113	2116	rBV2	30207	54404	2.44%	0.162%
21	14.315	2175	2181	2183	rVV4	22425	41086	1.84%	0.122%
22	14.339	2183	2185	2191	rVB	52353	66209	2.97%	0.197%
23	14.504	2210	2213	2216	rVV	494933	599096	26.84%	1.784%
24	14.545	2216	2220	2229	rVV	1052968	1375396	61.61%	4.097%
25	14.633	2230	2235	2244	rVB	298324	438689	19.65%	1.307%
26	14.745	2250	2254	2258	rBV2	26588	43167	1.93%	0.129%
27	14.968	2287	2292	2296	rVV4	29377	56767	2.54%	0.169%
28	15.315	2347	2351	2355	rBV	159334	187563	8.40%	0.559%
29	15.362	2355	2359	2363	rVV	203450	245591	11.00%	0.731%
30	15.439	2367	2372	2374	rVV	97987	128449	5.75%	0.383%
31	15.468	2374	2377	2381	rVV3	258430	370248	16.58%	1.103%
32	15.515	2382	2385	2388	rVV	97527	154942	6.94%	0.461%
33	15.539	2388	2389	2400	rVB4	72070	90353	4.05%	0.269%
34	15.774	2425	2429	2435	rBV	137073	167253	7.49%	0.498%

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35	15.992	2461	2466	2470	rVB2	30264	49326	2.21%	0.147%
36	16.039	2470	2474	2478	rBV	48655	62132	2.78%	0.185%
37	16.139	2486	2491	2494	rBV	100039	126645	5.67%	0.377%
38	16.180	2494	2498	2502	rVV3	61522	106477	4.77%	0.317%
39	16.256	2507	2511	2518	rVB3	59638	99885	4.47%	0.298%
40	16.345	2520	2526	2531	rBV	1725710	2232511	100.00%	6.650%
41	16.386	2531	2533	2538	rVB2	40054	42690	1.91%	0.127%
42	16.445	2540	2543	2546	rBV2	35940	49475	2.22%	0.147%
43	16.539	2555	2559	2564	rBV	55313	74152	3.32%	0.221%
44	16.645	2570	2577	2583	rBV	1626870	2096512	93.91%	6.244%
45	16.739	2588	2593	2597	rBV2	47338	75007	3.36%	0.223%
46	16.845	2607	2611	2615	rBV	99358	122016	5.47%	0.363%
47	16.898	2615	2620	2626	rVB	1183826	1418164	63.52%	4.224%
48	16.951	2626	2629	2630	rBV	45886	39096	1.75%	0.116%
49	16.974	2630	2633	2640	rVB2	83283	131381	5.88%	0.391%
50	17.086	2647	2652	2654	rBV3	87273	132426	5.93%	0.394%
51	17.115	2654	2657	2663	rVB	263643	333828	14.95%	0.994%
52	17.203	2664	2672	2676	rBV	261530	320138	14.34%	0.954%
53	17.251	2676	2680	2685	rBV3	161853	260167	11.65%	0.775%
54	17.368	2694	2700	2704	rBV2	70004	114987	5.15%	0.342%
55	17.409	2704	2707	2710	rVV	53899	71759	3.21%	0.214%
56	17.456	2713	2715	2723	rVB6	31165	50758	2.27%	0.151%
57	17.698	2753	2756	2759	rVB2	33519	44283	1.98%	0.132%
58	17.762	2763	2767	2773	rBV4	34940	65054	2.91%	0.194%
59	17.821	2773	2777	2783	rVB2	49965	69784	3.13%	0.208%
60	17.921	2790	2794	2796	rBV2	104152	115981	5.20%	0.345%
61	17.951	2796	2799	2802	rVV	110444	141898	6.36%	0.423%
62	17.986	2802	2805	2809	rVV	82471	119877	5.37%	0.357%
63	18.027	2809	2812	2817	rVV	86135	97457	4.37%	0.290%
64	18.098	2821	2824	2830	rBV	69832	87146	3.90%	0.260%
65	18.150	2830	2833	2839	rVV2	82500	134674	6.03%	0.401%
66	18.239	2843	2848	2852	rBV2	911841	1397114	62.58%	4.161%
67	18.280	2852	2855	2867	rVB2	623673	949882	42.55%	2.829%
68	18.374	2867	2871	2875	rBV	149898	184072	8.25%	0.548%
69	18.474	2883	2888	2892	rBV5	56589	111537	5.00%	0.332%
70	18.533	2895	2898	2902	rVV2	79357	113122	5.07%	0.337%
71	18.580	2903	2906	2912	rVB2	72608	95213	4.26%	0.284%

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72	18.709	2924	2928	2930	rBV3	38403	43887	1.97%	0.131%
73	18.756	2930	2936	2940	rBV	139672	198643	8.90%	0.592%
74	18.797	2940	2943	2947	rVB2	90372	104587	4.68%	0.312%
75	18.868	2951	2955	2958	rBV3	103601	138192	6.19%	0.412%
76	18.903	2958	2961	2964	rBV3	42184	45992	2.06%	0.137%
77	19.150	2998	3003	3005	rBV5	32020	47852	2.14%	0.143%
78	19.286	3022	3026	3031	rVB	131992	165549	7.42%	0.493%
79	19.368	3036	3040	3046	rBV4	38249	66757	2.99%	0.199%
80	19.474	3055	3058	3061	rBV	34096	38767	1.74%	0.115%
81	19.515	3061	3065	3068	rBV	653077	885512	39.66%	2.637%
82	19.633	3082	3085	3089	rVB	120163	131191	5.88%	0.391%
83	19.809	3111	3115	3119	rBV	356462	419511	18.79%	1.250%
84	19.868	3121	3125	3130	rVB	582581	664993	29.79%	1.981%
85	19.921	3130	3134	3137	rBV	364232	410651	18.39%	1.223%
86	19.950	3137	3139	3143	rVB	103183	123222	5.52%	0.367%
87	20.092	3159	3163	3166	rBV	49494	63681	2.85%	0.190%
88	20.386	3211	3213	3223	rVB4	53508	122100	5.47%	0.364%
89	20.803	3280	3284	3291	rBV4	32921	48958	2.19%	0.146%
90	20.927	3301	3305	3308	rVV	48245	67188	3.01%	0.200%
91	20.956	3308	3310	3314	rVB	30706	40382	1.81%	0.120%
92	21.074	3325	3330	3338	rBV	250403	439531	19.69%	1.309%
93	21.133	3338	3340	3345	rVB3	36537	49819	2.23%	0.148%
94	21.203	3347	3352	3356	rBV	63407	100241	4.49%	0.299%
95	21.244	3356	3359	3365	rVB2	49610	75545	3.38%	0.225%
96	21.397	3381	3385	3395	rVB	196758	365190	16.36%	1.088%
97	21.603	3415	3420	3430	rVB	64552	121262	5.43%	0.361%
98	23.044	3660	3665	3666	rBV4	36830	44039	1.97%	0.131%
99	23.215	3686	3694	3702	rBV2	41052	128339	5.75%	0.382%
100	23.897	3805	3810	3818	rBV4	18900	51254	2.30%	0.153%

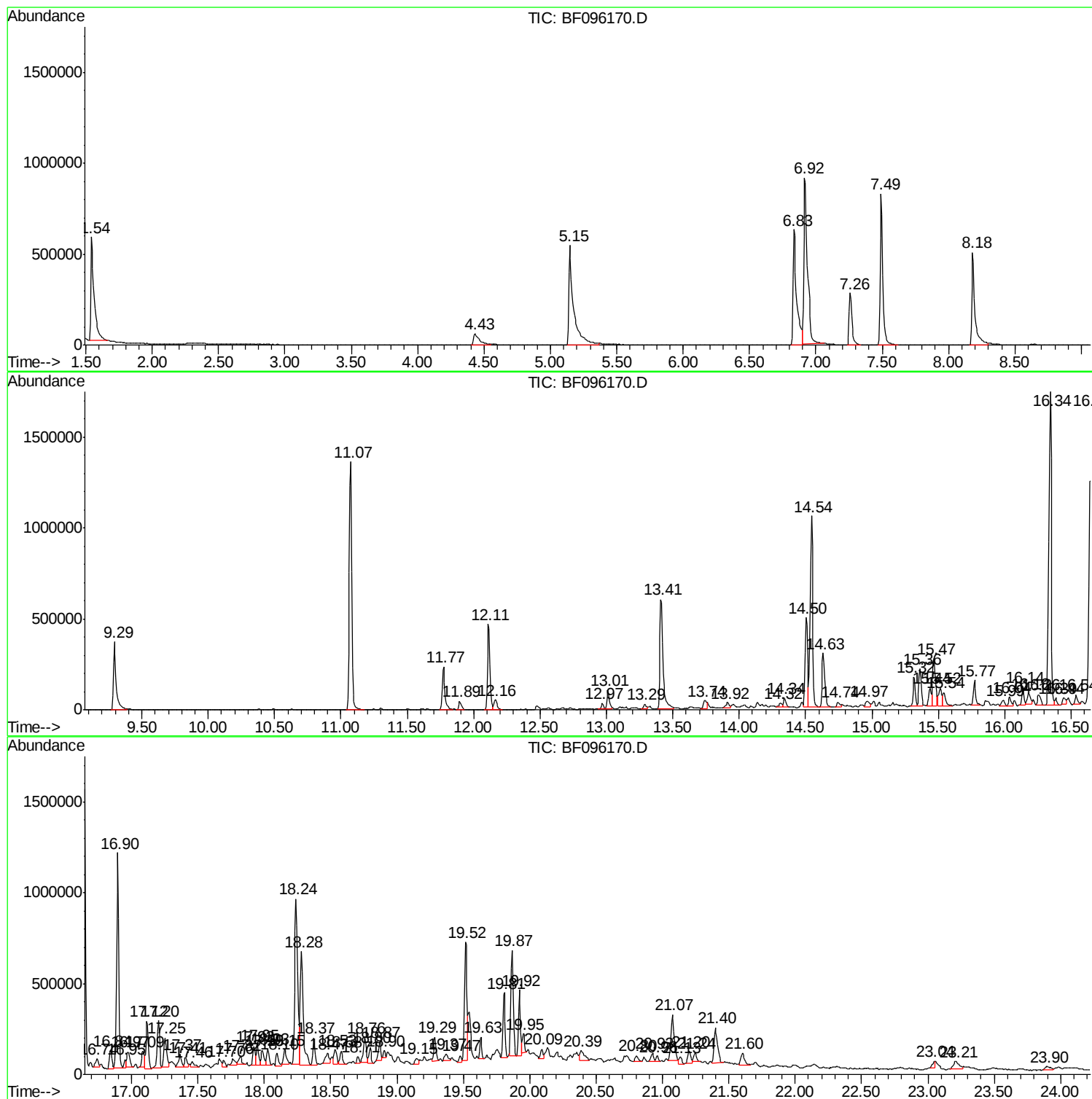
Sum of corrected areas: 33573930

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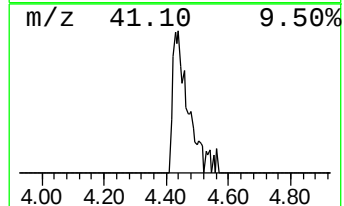
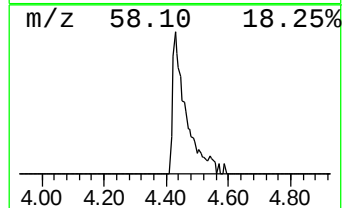
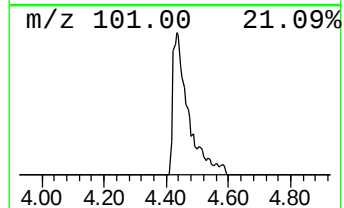
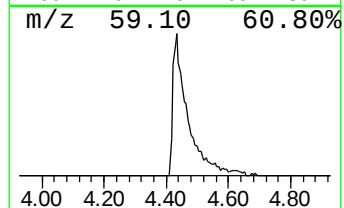
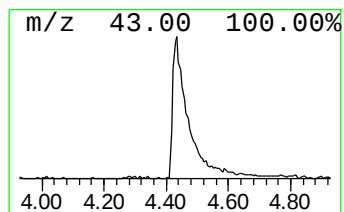
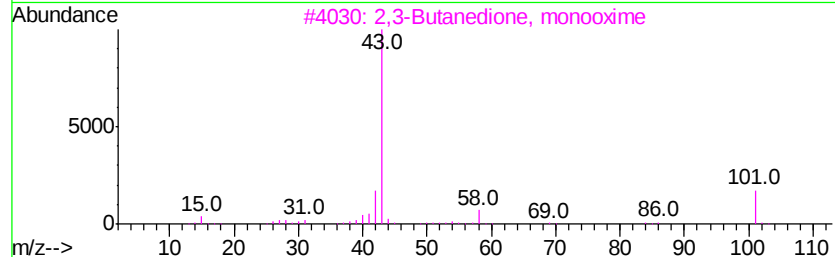
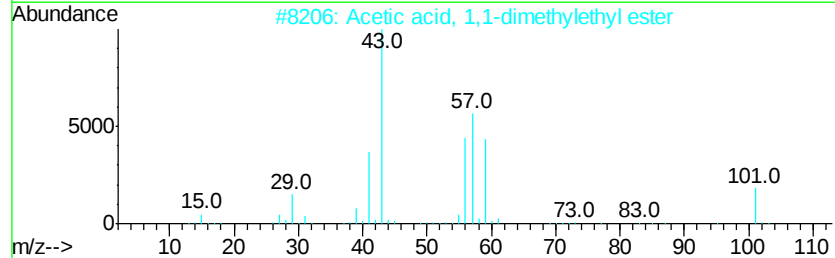
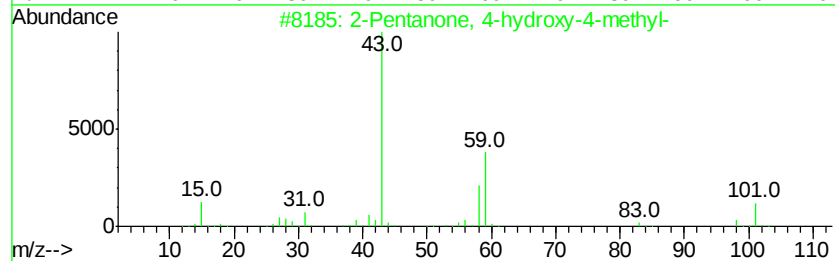
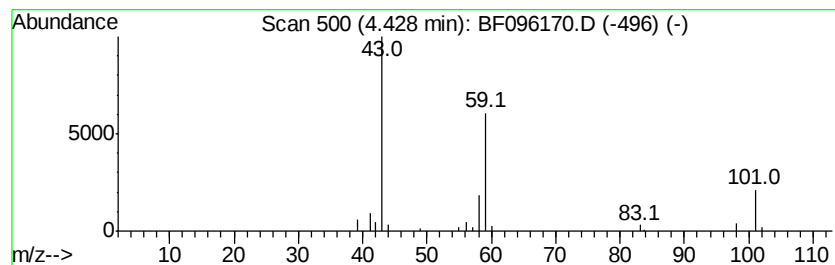
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.43	9.75 ng	194782	1,4-Dichlorobenzene-d4	7.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4			3-Hexanol	102	C6H14O	000623-37-0	28
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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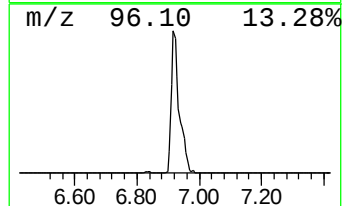
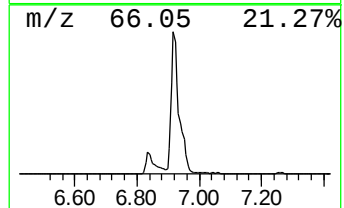
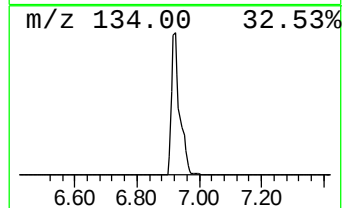
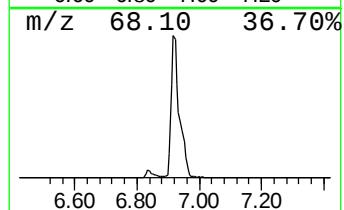
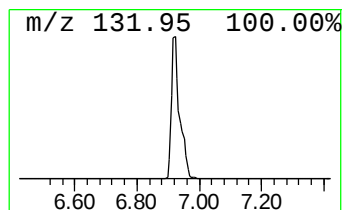
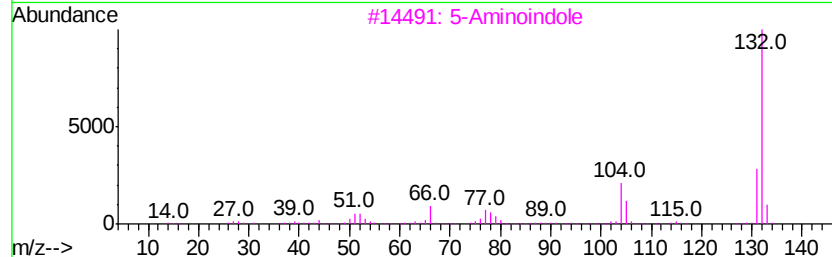
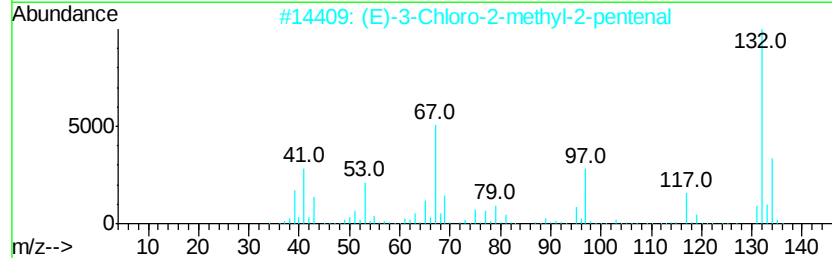
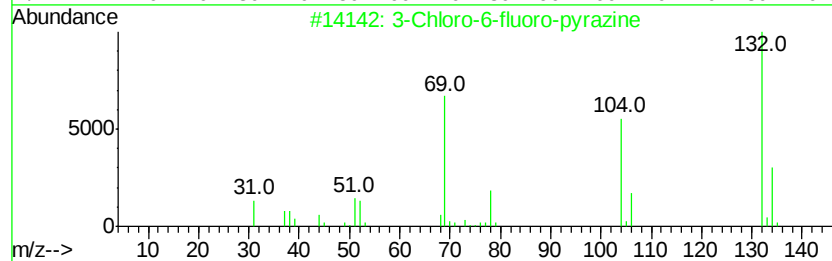
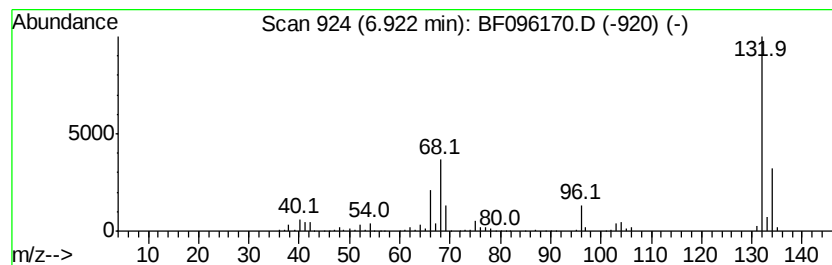
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	87.65 ng	1750600	1,4-Dichlorobenzene-d4	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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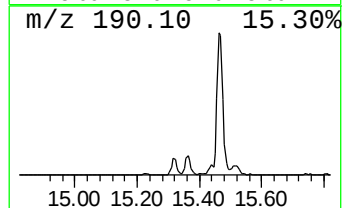
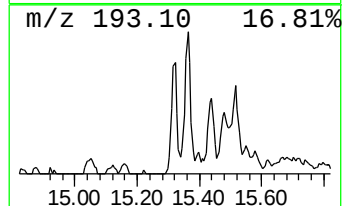
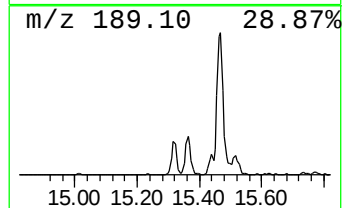
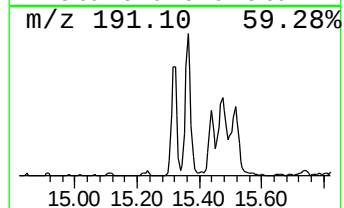
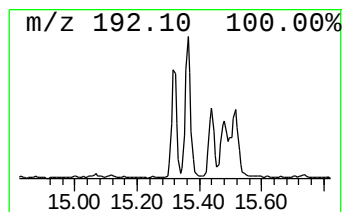
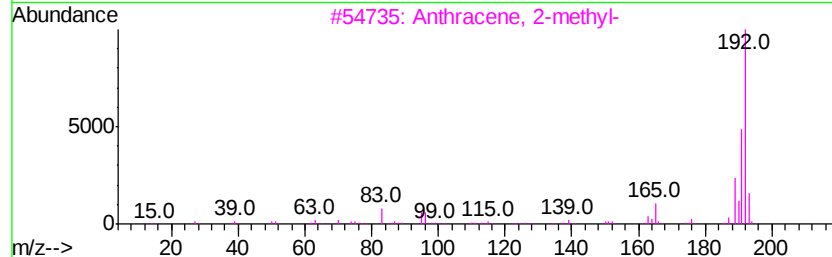
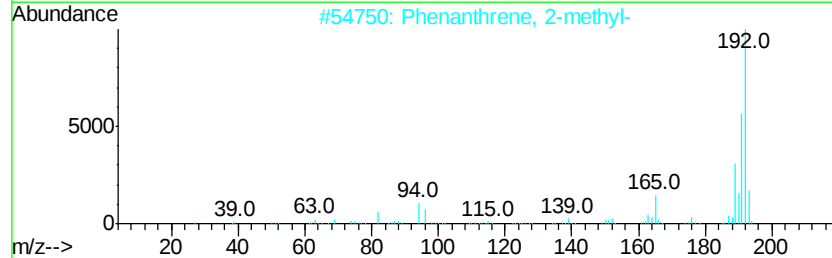
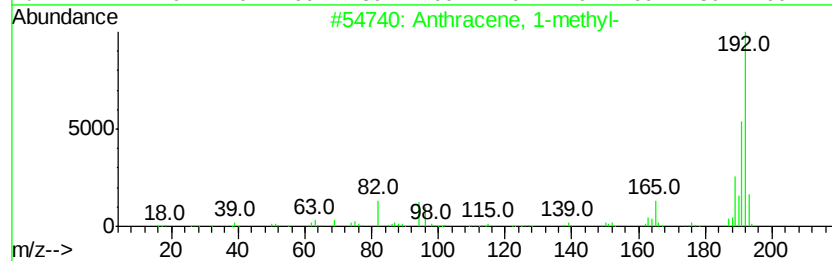
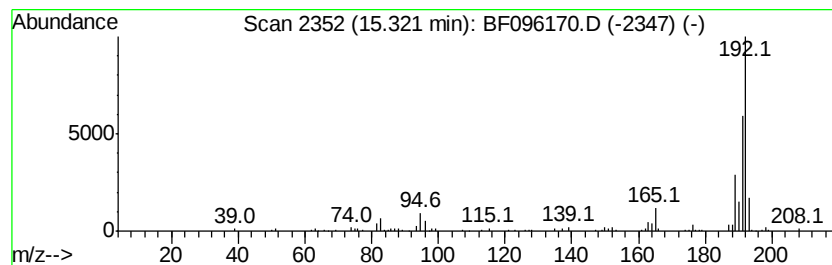
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	6.26 ng	187563	Phenanthrene-d10	14.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096170.D
Acq On : 23 Jun 2017 20:58
Operator : SJ/MA
Sample : I3775-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHD-SB-1020304-0-11

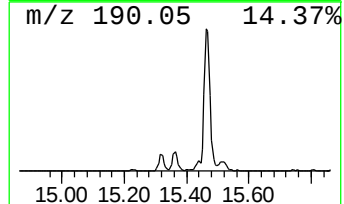
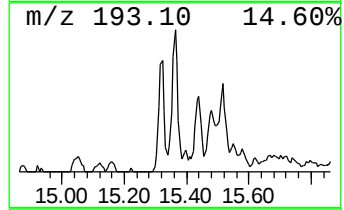
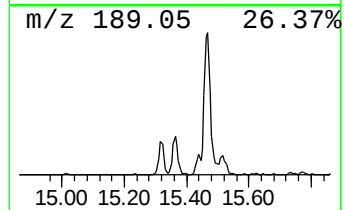
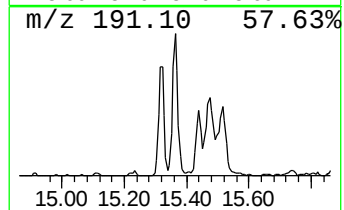
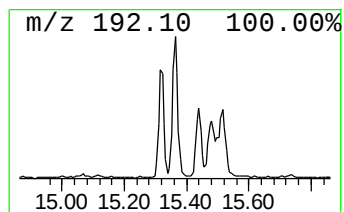
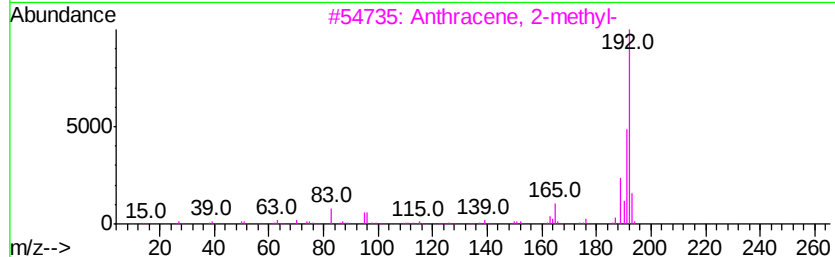
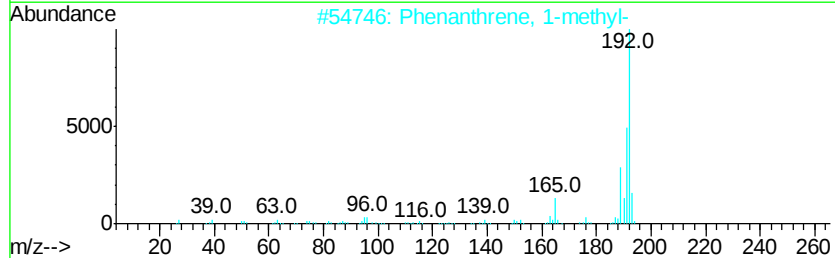
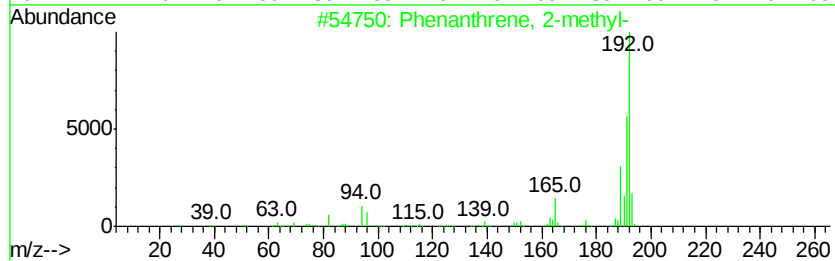
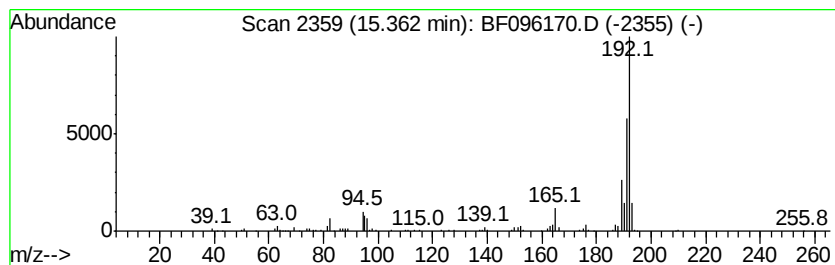
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	8.20 ng	245591	Phenanthrene-d10	14.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062317\
Data File : BF096170.D
Acq On : 23 Jun 2017 20:58
Operator : SJ/MA
Sample : I3775-05
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ALS Vial : 15 Sample Multiplier: 1

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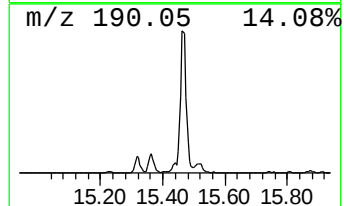
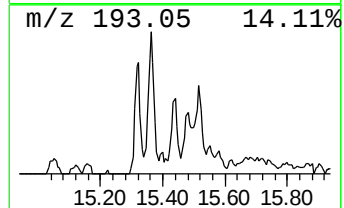
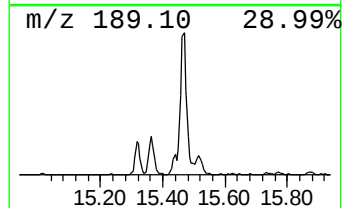
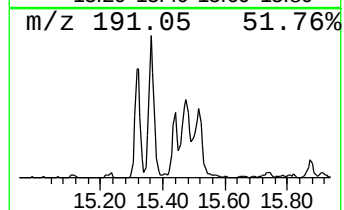
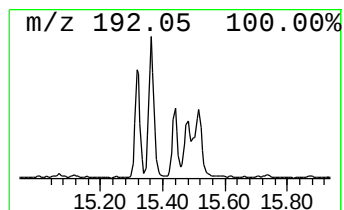
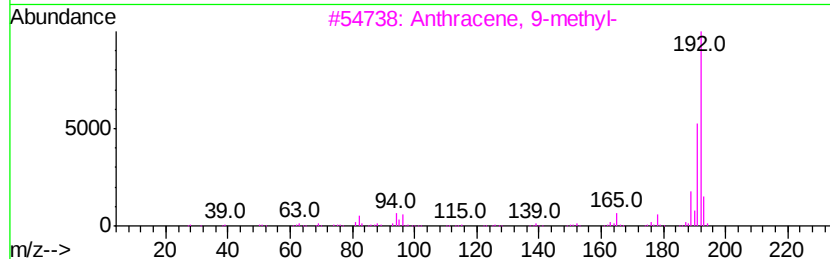
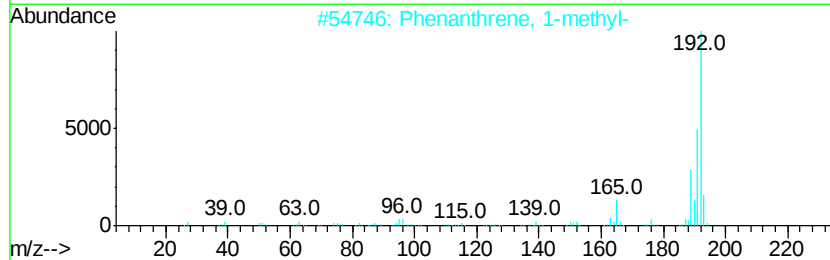
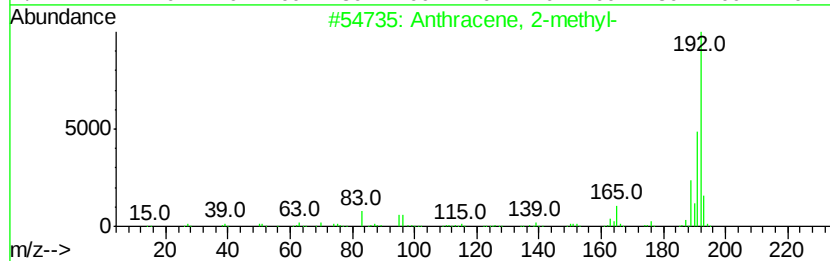
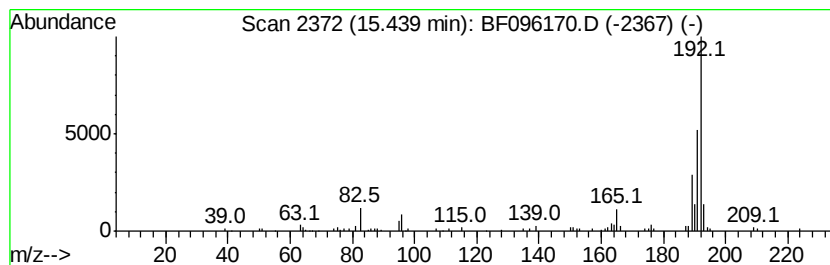
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	4.29 ng	128449	Phenanthrene-d10	14.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096170.D
Acq On : 23 Jun 2017 20:58
Operator : SJ/MA
Sample : I3775-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

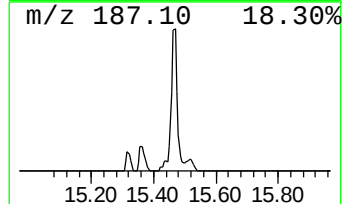
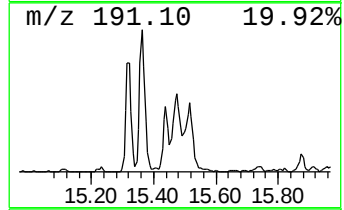
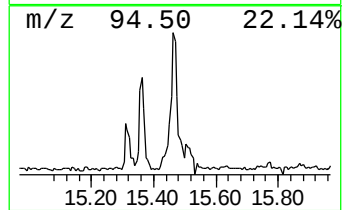
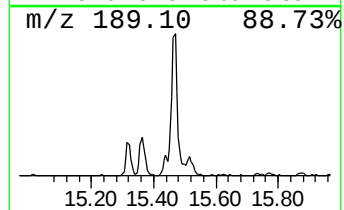
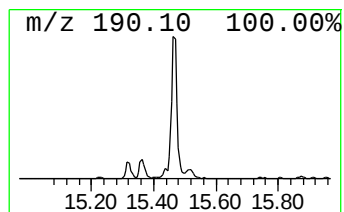
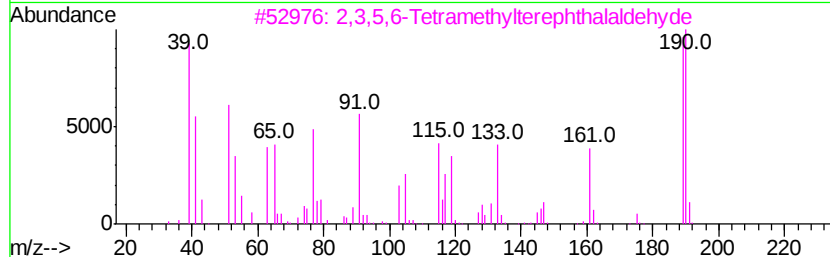
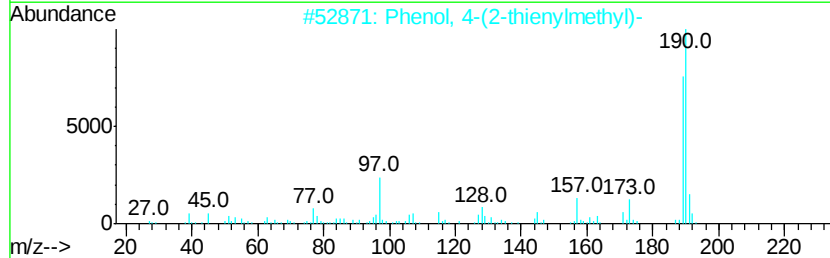
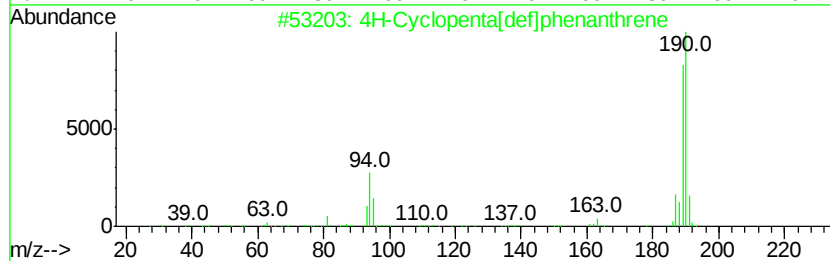
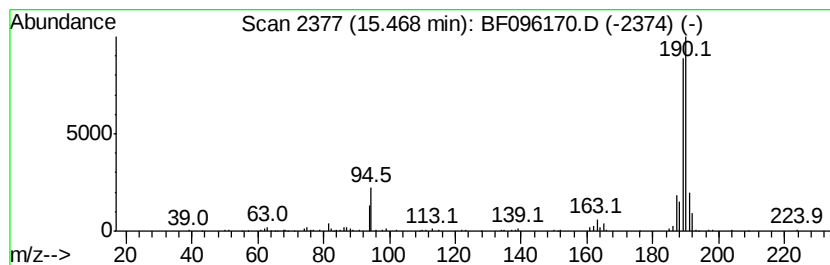
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GHD-SB-1020304-0-11

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 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.47	12.36 ng	370248	Phenanthrene-d10	14.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cvclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062317\
Data File : BF096170.D
Acq On : 23 Jun 2017 20:58
Operator : SJ/MA
Sample : I3775-05
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ALS Vial : 15 Sample Multiplier: 1

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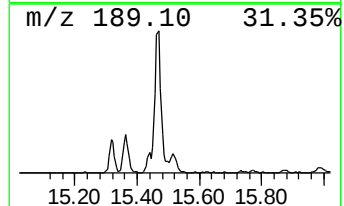
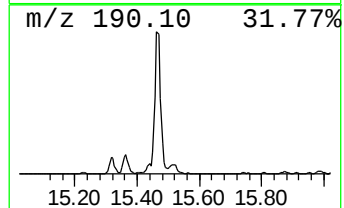
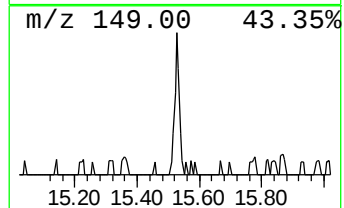
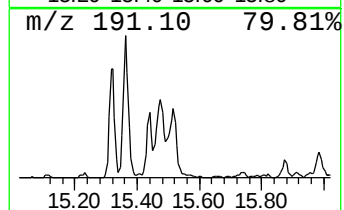
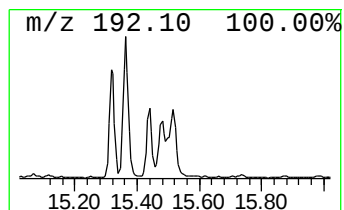
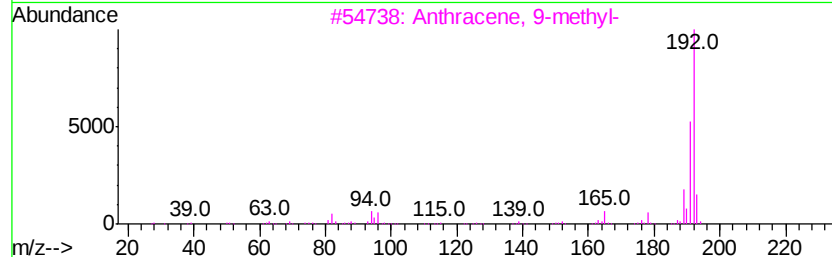
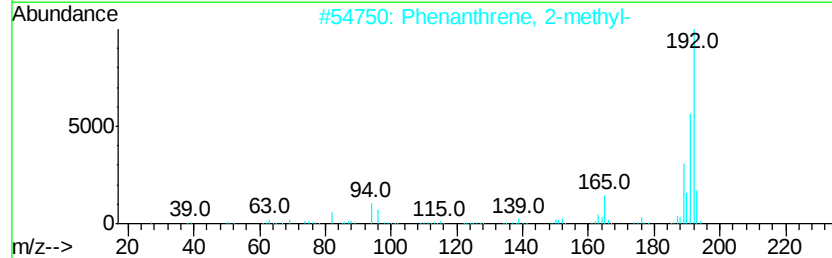
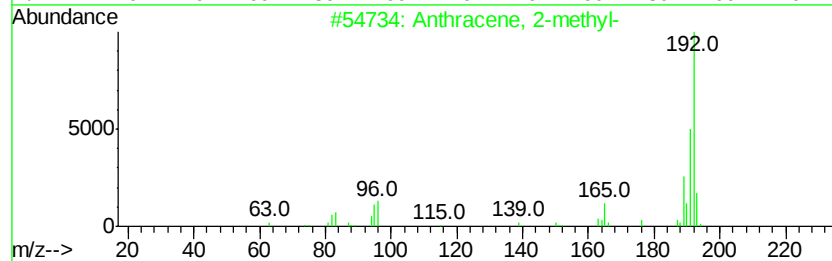
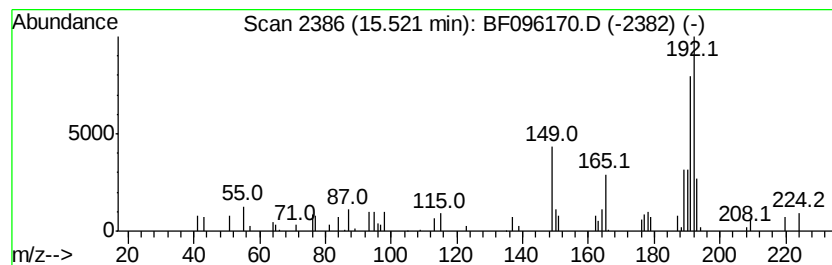
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	5.17 ng	154942	Phenanthrene-d10	14.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062317\
Data File : BF096170.D
Acq On : 23 Jun 2017 20:58
Operator : SJ/MA
Sample : I3775-05
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Instrument :
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ClientSampleId :
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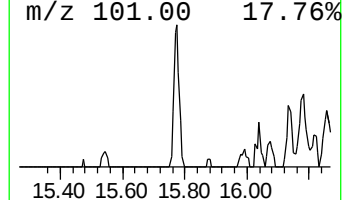
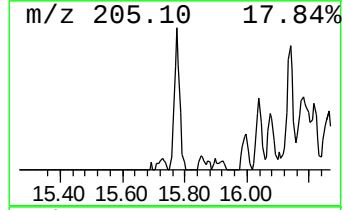
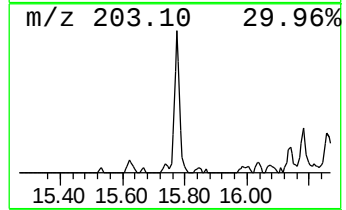
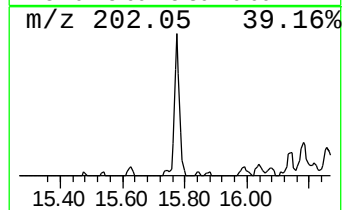
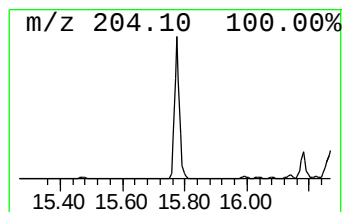
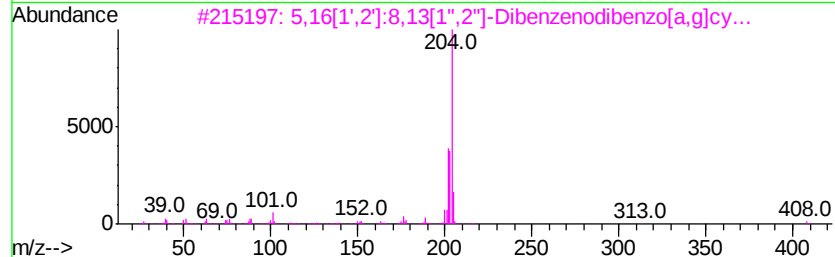
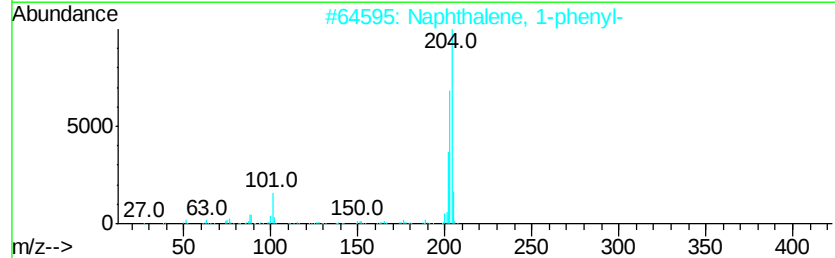
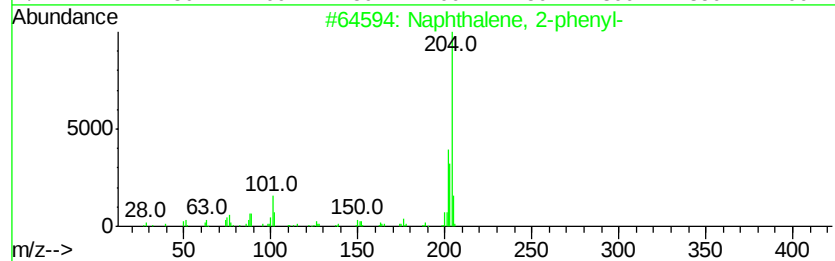
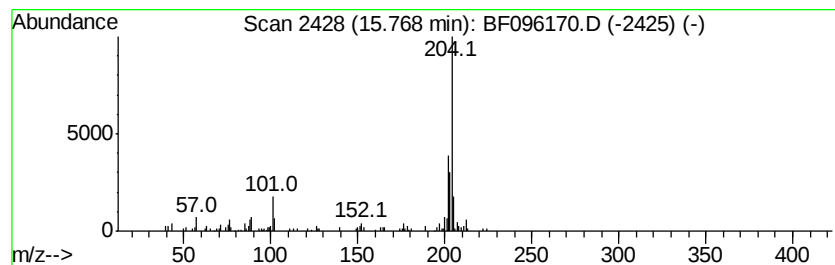
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	5.58 ng	167253	Phenanthrene-d10	14.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	97
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
3		5,16[1',2':8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
5		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096170.D
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Misc :
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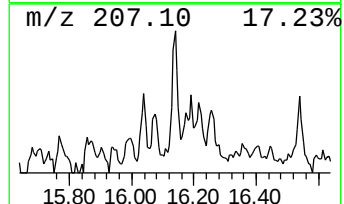
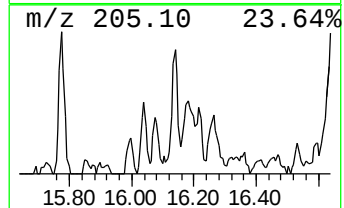
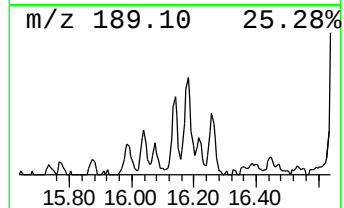
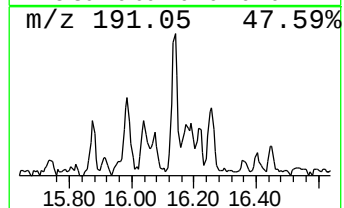
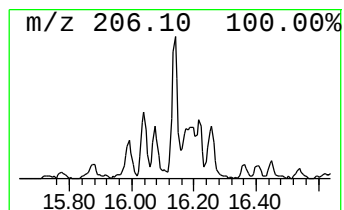
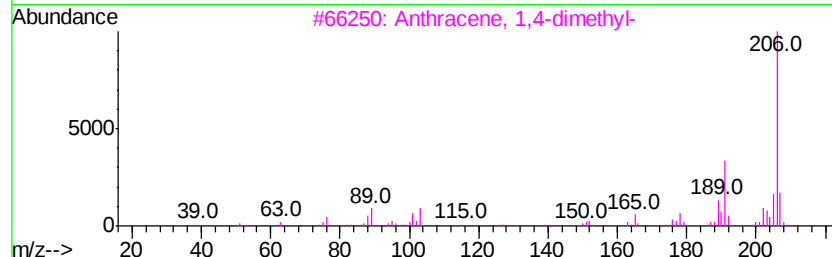
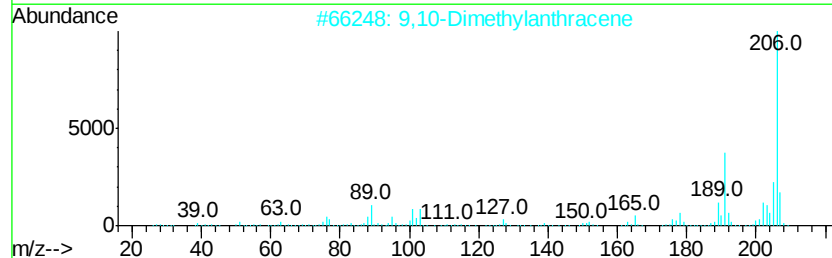
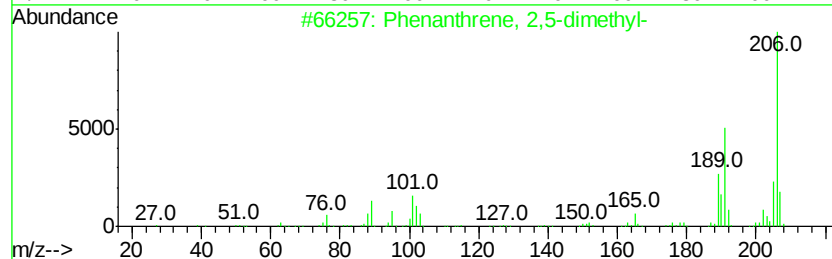
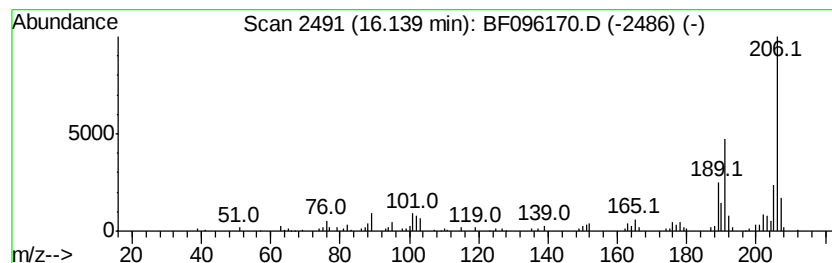
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	4.23 ng	126645	Phenanthrene-d10	14.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096170.D
Acq On : 23 Jun 2017 20:58
Operator : SJ/MA
Sample : I3775-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GHD-SB-1020304-0-11

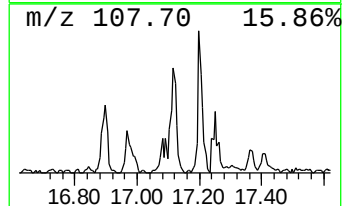
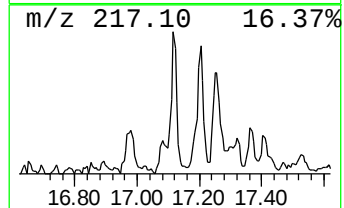
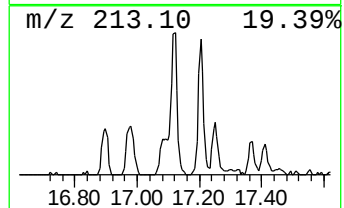
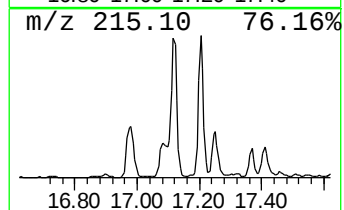
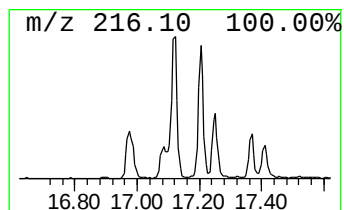
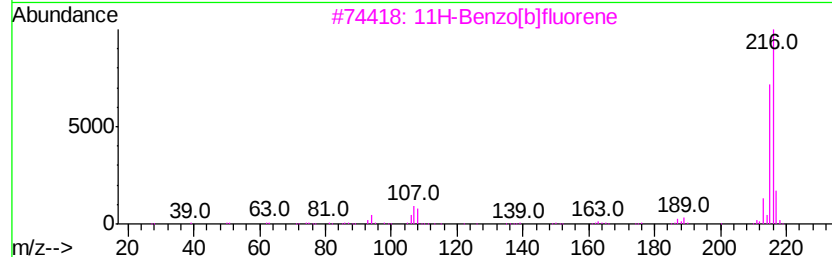
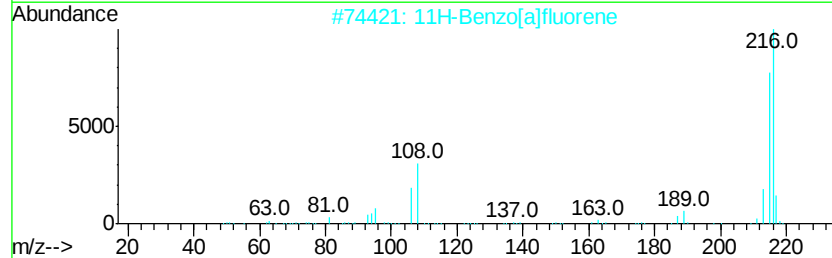
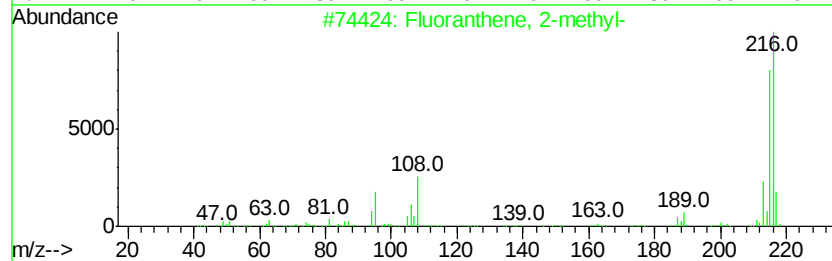
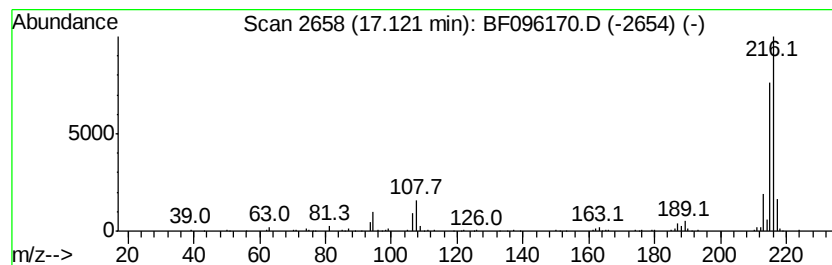
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	4.78 ng	333828	Chrysene-d12	18.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062317\
Data File : BF096170.D
Acq On : 23 Jun 2017 20:58
Operator : SJ/MA
Sample : I3775-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHD-SB-1020304-0-11

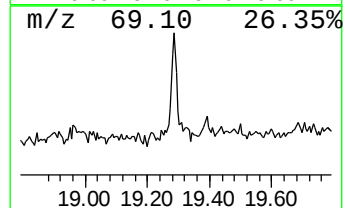
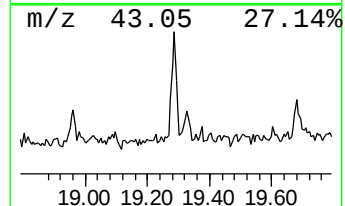
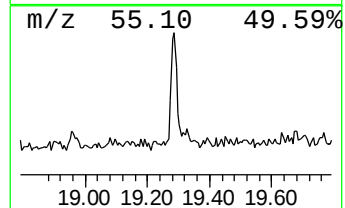
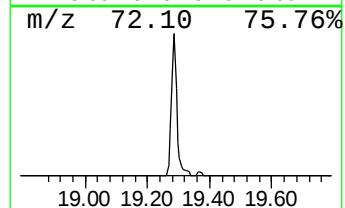
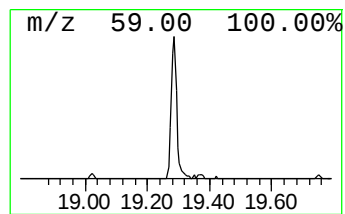
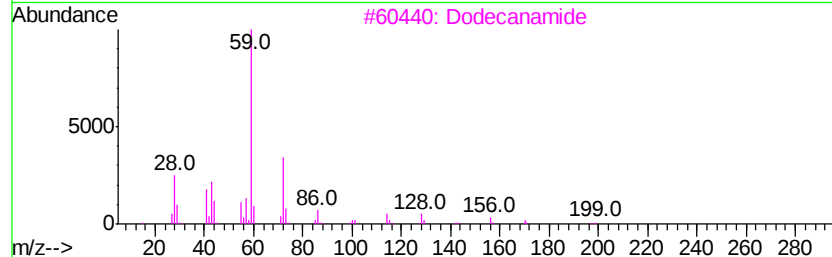
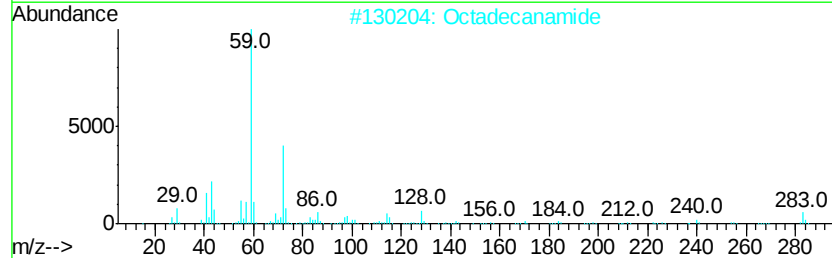
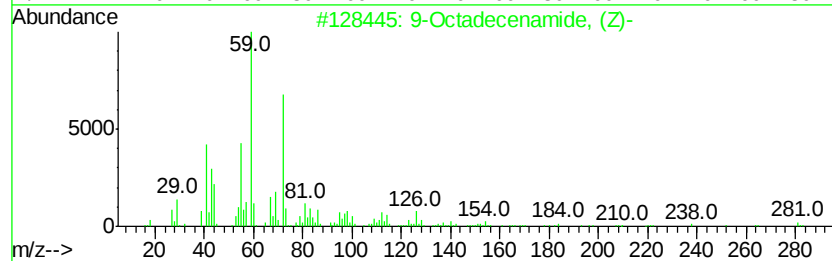
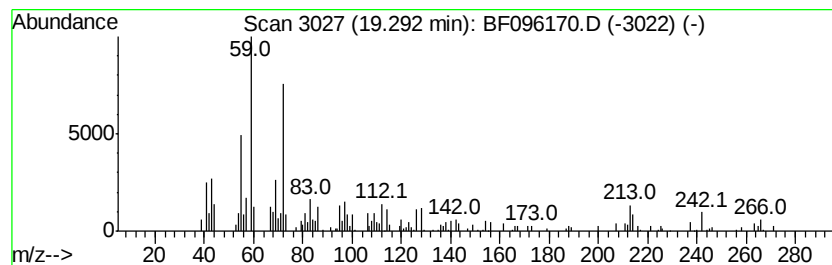
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	8.06 ng	165549	Perylene-d12	19.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2		Octadecanamide	283	C18H37NO	000124-26-5	50
3		Dodecanamide	199	C12H25NO	001120-16-7	46
4		Decanamide-	171	C10H21NO	002319-29-1	43
5		7-Nonenamide	155	C9H17NO	090949-53-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096170.D
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Sample : I3775-05
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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
GHD-SB-1020304-0-11

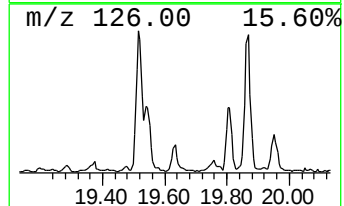
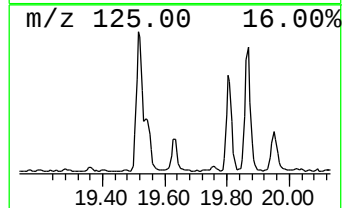
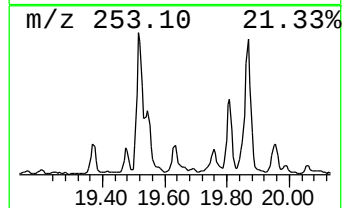
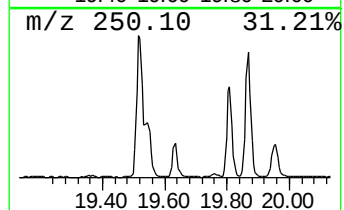
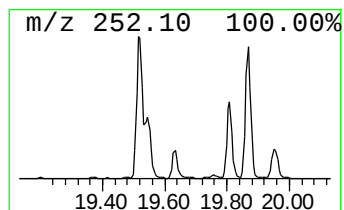
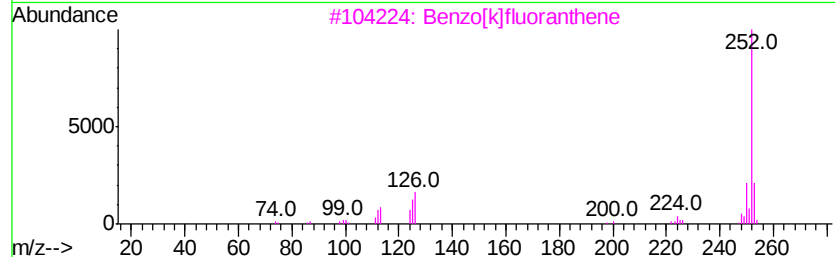
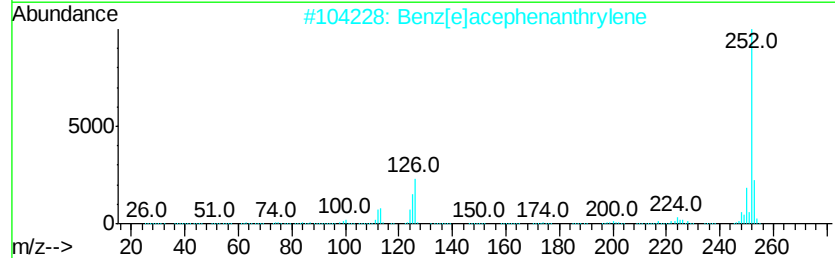
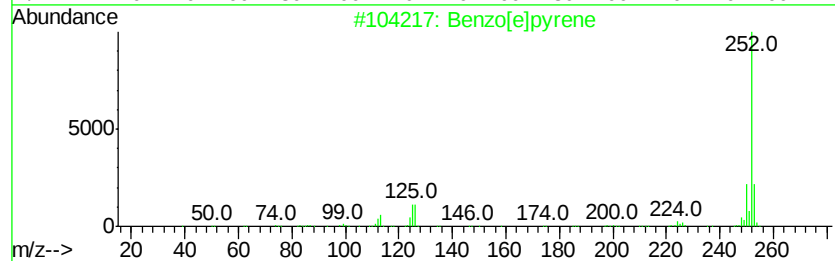
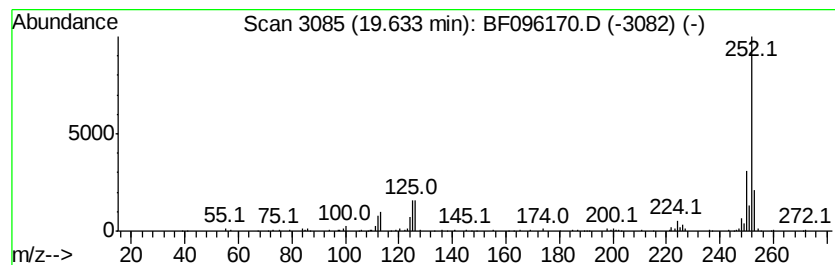
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	6.39 ng	131191	Perylene-d12	19.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4			Benzo[i]fluoranthene	252	C20H12	000205-82-3	90
5			Perylene	252	C20H12	000198-55-0	89



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Sample : I3775-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

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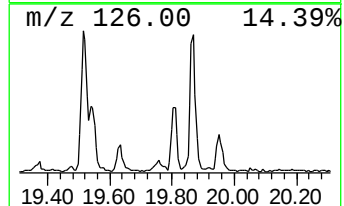
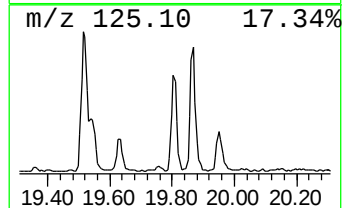
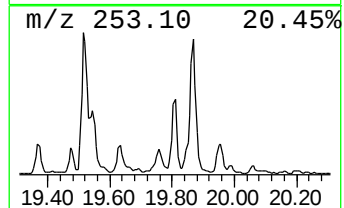
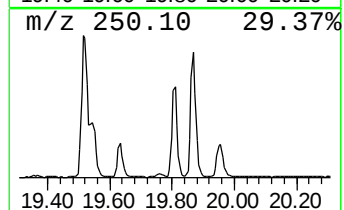
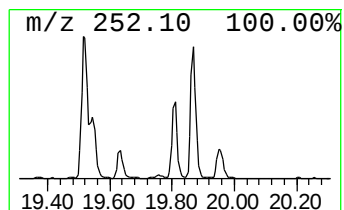
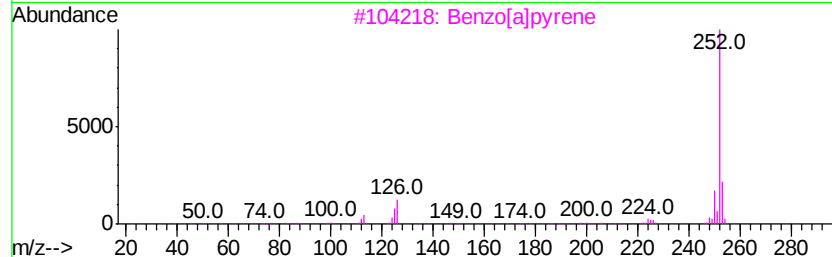
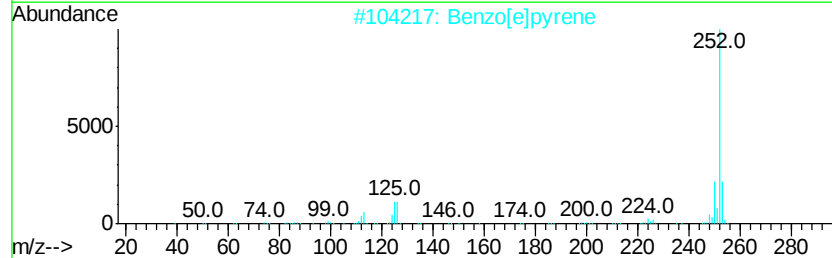
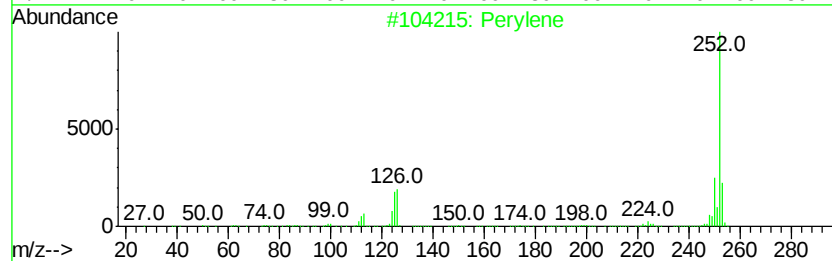
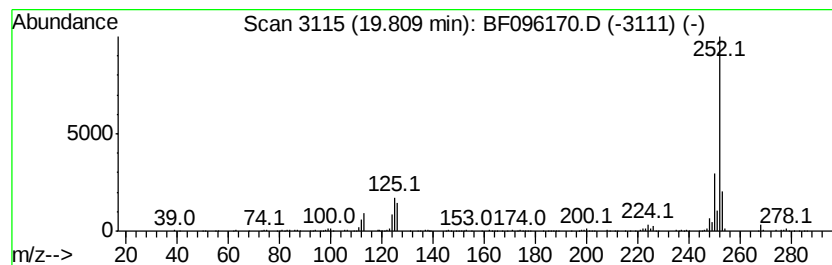
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	20.43 ng	419511	Perylene-d12	19.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	90
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



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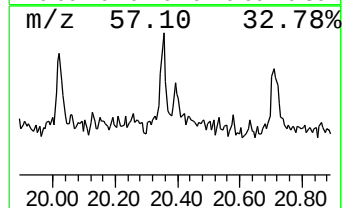
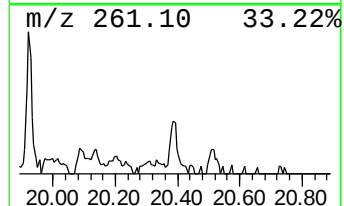
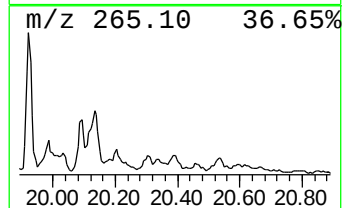
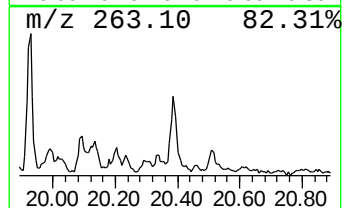
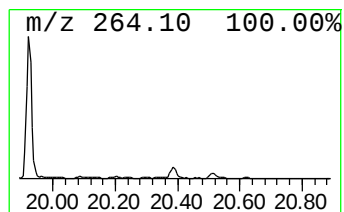
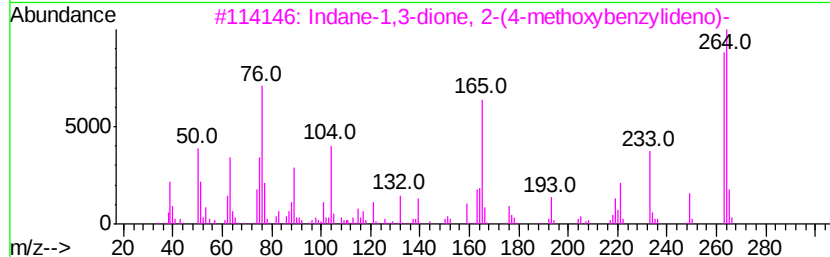
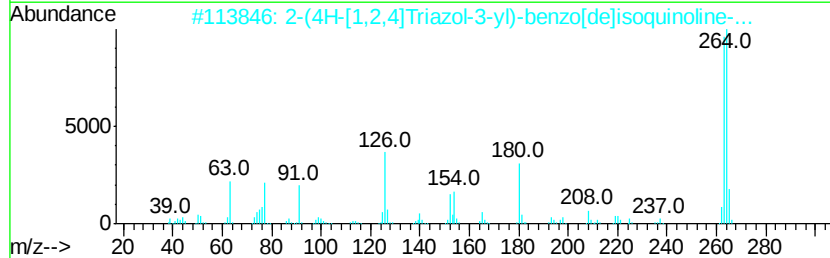
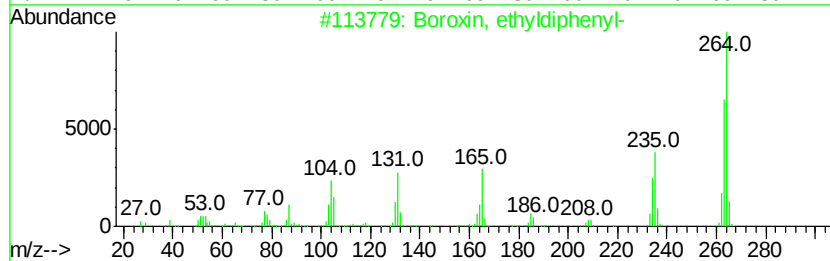
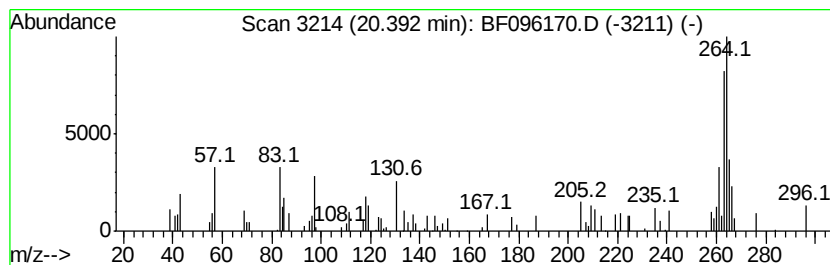
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Boroxin, ethyldiphenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	5.95 ng	122100	Perylene-d12	19.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	53
2		2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	47
3		Indane-1,3-dione, 2-(4-methoxybe...	264	C17H12O3	007421-76-3	43
4		2H,5H-Pyrano[3,2-c][1]benzopyran...	292	C18H12O4	1000319-83-9	43
5		1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062317\
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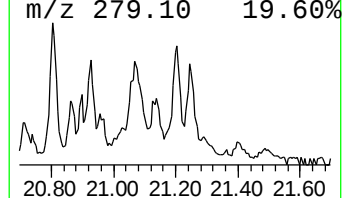
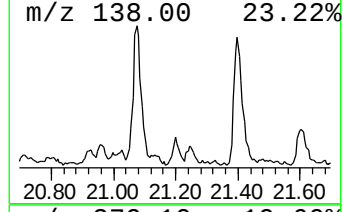
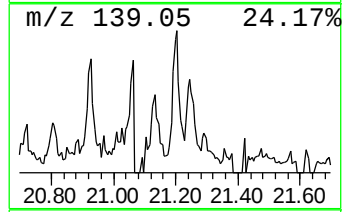
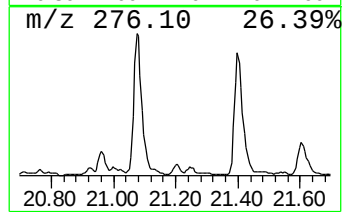
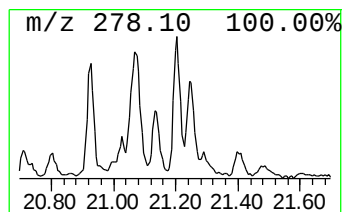
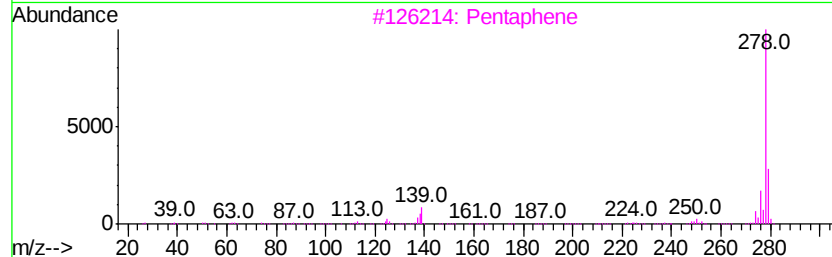
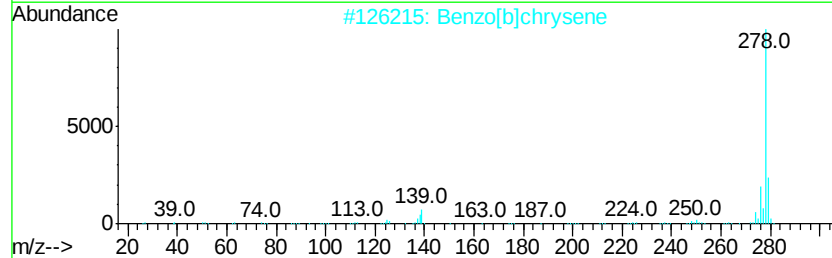
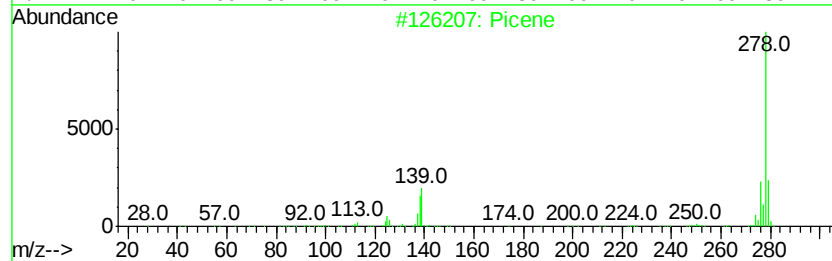
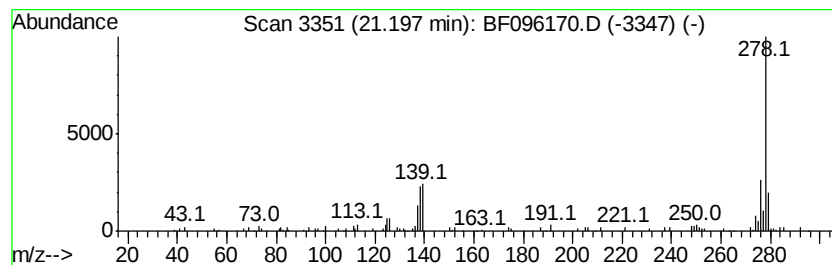
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Picene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.20	4.88 ng	100241	Perylene-d12	19.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Picene	278	C22H14	000213-46-7	96
2		Benzo[b]chrysene	278	C22H14	000214-17-5	90
3		Pentaphene	278	C22H14	000222-93-5	90
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	90
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
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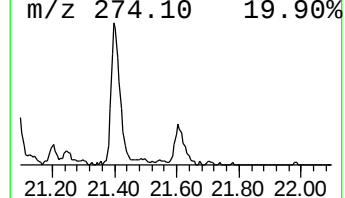
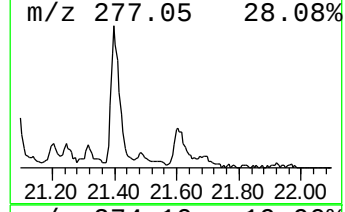
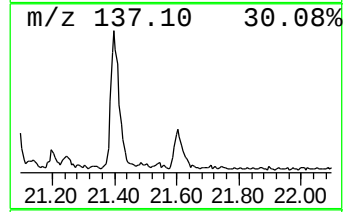
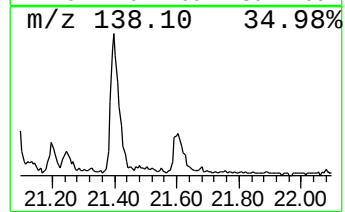
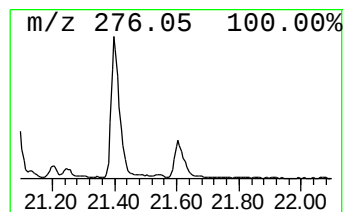
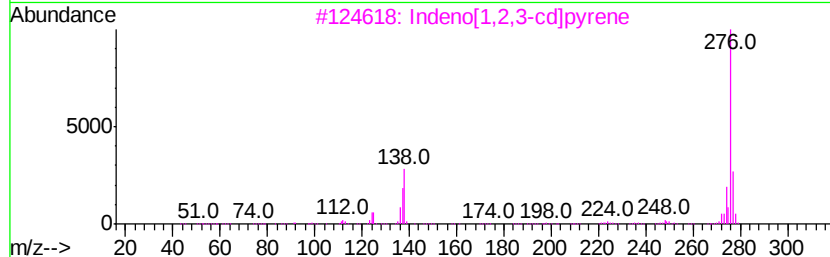
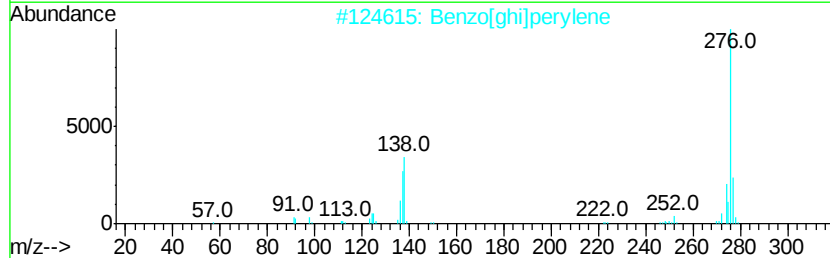
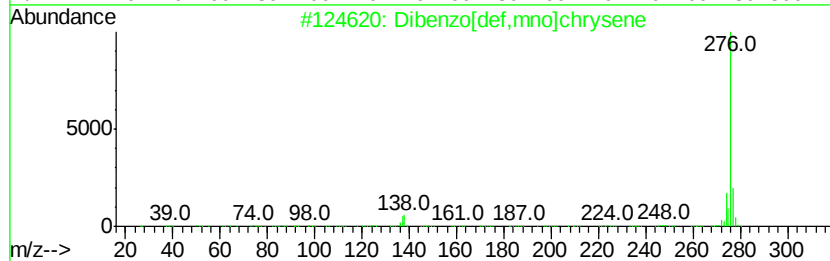
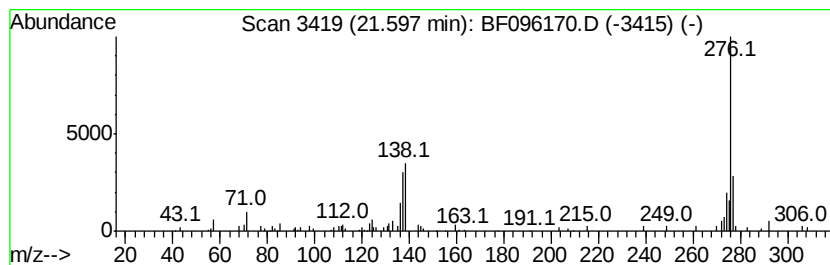
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	5.91 ng	121262	Perylene-d12	19.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	90
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
4		1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	49
5		Indophenol blue	276	C18H16N2O	000132-31-0	43



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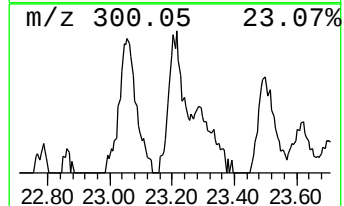
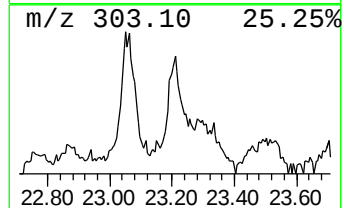
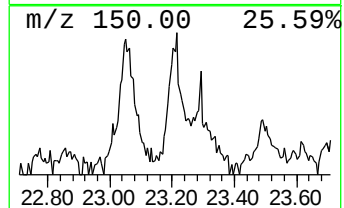
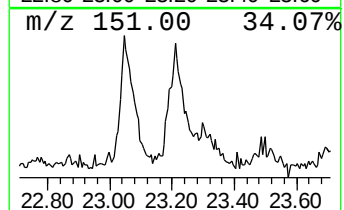
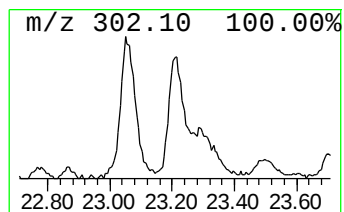
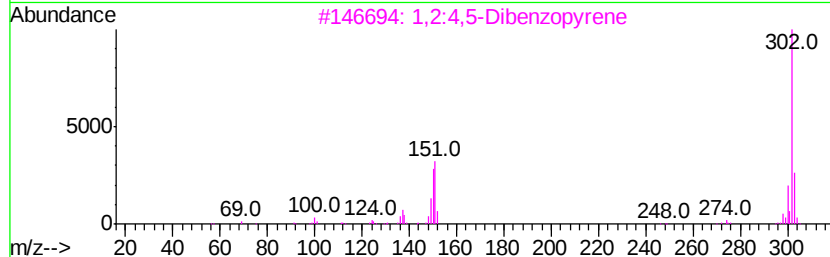
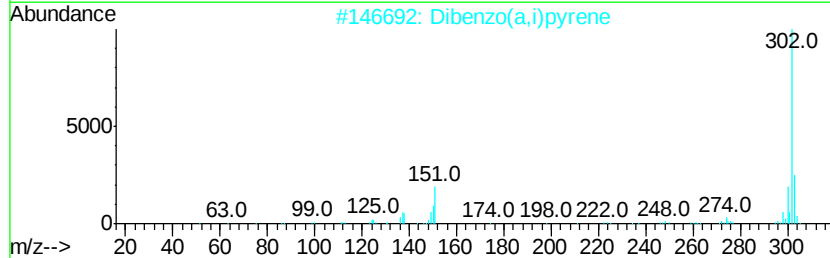
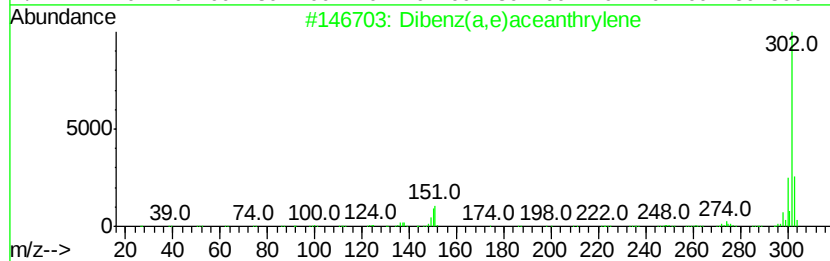
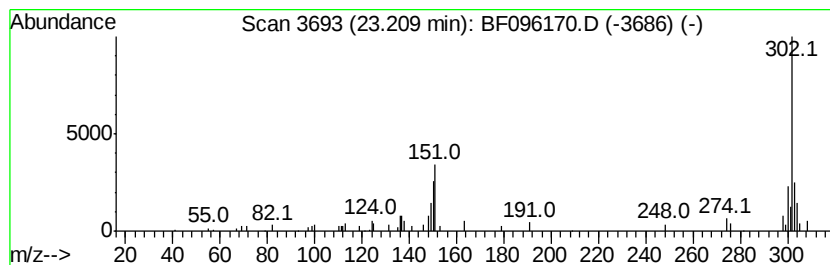
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.21	6.25 ng	128339	Perylene-d12	19.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	94
2		Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	83
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	76
4		Indeno[1,2,3-f]naphthacene	302	C24H14	000203-11-2	70
5		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062317\
 Data File : BF096170.D
 Acq On : 23 Jun 2017 20:58
 Operator : SJ/MA
 Sample : I3775-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHD-SB-1020304-0-11

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...	4.43	9.8 ng		194782	1	7.26	399464	20.0
unknown6.92	6.92	87.7 ng		1750600	1	7.26	399464	20.0
Anthracene, 1-met...	15.32	6.3 ng		187563	4	14.50	599096	20.0
Phenanthrene, 2-m...	15.36	8.2 ng		245591	4	14.50	599096	20.0
Anthracene, 2-met...	15.44	4.3 ng		128449	4	14.50	599096	20.0
4H-Cyclopenta[def...	15.47	12.4 ng		370248	4	14.50	599096	20.0
Anthracene, 9-met...	15.52	5.2 ng		154942	4	14.50	599096	20.0
Naphthalene, 2-ph...	15.77	5.6 ng		167253	4	14.50	599096	20.0
Phenanthrene, 2,5...	16.14	4.2 ng		126645	4	14.50	599096	20.0
Fluoranthene, 2-m...	17.12	4.8 ng		333828	5	18.25	1397110	20.0
9-Octadecenamide,...	19.29	8.1 ng		165549	6	19.92	410651	20.0
Benzo[e]pyrene	19.63	6.4 ng		131191	6	19.92	410651	20.0
Perylene	19.81	20.4 ng		419511	6	19.92	410651	20.0
Boroxin, ethyldip...	20.39	6.0 ng		122100	6	19.92	410651	20.0
Picene	21.20	4.9 ng		100241	6	19.92	410651	20.0
Dibenzo[def,mno]c...	21.60	5.9 ng		121262	6	19.92	410651	20.0
Dibenz(a,e)aceant...	23.21	6.3 ng		128339	6	19.92	410651	20.0