

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
 Data File : BF096028.D
 Acq On : 20 Jun 2017 5:13
 Operator : SJ/MA
 Sample : I3688-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G13-1.5-3

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	1.563	10	13	45	rVB	889173	1791195	100.00%	7.401%
2	1.863	59	64	70	rVB3	22323	43735	2.44%	0.181%
3	4.487	506	510	526	rBV	44717	113856	6.36%	0.470%
4	5.034	599	603	609	rBV	22618	44812	2.50%	0.185%
5	5.198	628	631	657	rBV	486671	1173621	65.52%	4.849%
6	5.440	667	672	682	rVB	41408	64526	3.60%	0.267%
7	6.816	900	906	914	rBV3	17150	32908	1.84%	0.136%
8	6.887	914	918	928	rVV	527347	1006653	56.20%	4.159%
9	6.969	928	932	941	rVV	821553	1504568	84.00%	6.217%
10	7.034	941	943	953	rVV	62915	110328	6.16%	0.456%
11	7.110	953	956	964	rVB	31616	44747	2.50%	0.185%
12	7.304	985	989	999	rVV	279952	364774	20.36%	1.507%
13	7.398	999	1005	1010	rVB4	37524	57047	3.18%	0.236%
14	7.539	1025	1029	1046	rVB	765865	1046882	58.45%	4.326%
15	8.228	1142	1146	1162	rBV	420724	687271	38.37%	2.840%
16	8.351	1163	1167	1176	rVB2	45383	65403	3.65%	0.270%
17	9.339	1327	1335	1338	rBV	367767	463447	25.87%	1.915%
18	9.375	1338	1341	1347	rVV	107819	165695	9.25%	0.685%
19	9.433	1347	1351	1356	rVB	53672	70921	3.96%	0.293%
20	9.563	1367	1373	1378	rVB3	27772	43085	2.41%	0.178%
21	10.145	1465	1472	1476	rBV2	48414	63136	3.52%	0.261%
22	10.427	1516	1520	1524	rVB	51512	62354	3.48%	0.258%
23	10.504	1528	1533	1542	rVV	133357	191628	10.70%	0.792%
24	10.651	1550	1558	1565	rBV	99187	131907	7.36%	0.545%
25	11.116	1632	1637	1648	rVB	1163158	1372210	76.61%	5.670%
26	11.274	1659	1664	1668	rBV	27520	36165	2.02%	0.149%
27	11.345	1671	1676	1680	rVV	56119	67938	3.79%	0.281%
28	11.416	1684	1688	1692	rBV4	21396	34684	1.94%	0.143%
29	11.522	1702	1706	1707	rBV	39545	44213	2.47%	0.183%
30	11.639	1722	1726	1730	rBV	64339	89447	4.99%	0.370%
31	11.680	1730	1733	1741	rVB2	69801	93918	5.24%	0.388%
32	11.816	1749	1756	1761	rBV2	132627	197850	11.05%	0.818%
33	11.863	1761	1764	1768	rVV	43883	55611	3.10%	0.230%
34	11.933	1772	1776	1785	rVV	142246	215146	12.01%	0.889%

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35	12.157	1809	1814	1818	rBV2	338037	425862	23.78%	1.760%
36	12.204	1818	1822	1831	rVV4	83917	138614	7.74%	0.573%
37	12.504	1867	1873	1877	rBV	65276	94816	5.29%	0.392%
38	12.592	1882	1888	1891	rBV2	27313	44320	2.47%	0.183%
39	12.710	1904	1908	1913	rVB6	29897	54105	3.02%	0.224%
40	13.016	1952	1960	1963	rBV2	81223	116593	6.51%	0.482%
41	13.057	1963	1967	1977	rVV2	55778	89129	4.98%	0.368%
42	13.327	2008	2013	2017	rBV3	33905	67239	3.75%	0.278%
43	13.368	2017	2020	2025	rVB3	28902	46174	2.58%	0.191%
44	13.457	2030	2035	2043	rBV	391474	568529	31.74%	2.349%
45	13.686	2070	2074	2079	rVB6	26539	35572	1.99%	0.147%
46	13.804	2086	2094	2105	rBV2	99527	245748	13.72%	1.015%
47	14.180	2153	2158	2161	rBV4	30195	51599	2.88%	0.213%
48	14.286	2172	2176	2182	rVV	45899	65413	3.65%	0.270%
49	14.357	2182	2188	2190	rVV	19160	32474	1.81%	0.134%
50	14.386	2190	2193	2197	rVB	24118	32352	1.81%	0.134%
51	14.515	2211	2215	2218	rBV	66138	77564	4.33%	0.320%
52	14.551	2218	2221	2224	rVV	317281	378556	21.13%	1.564%
53	14.592	2224	2228	2233	rVB	205255	290967	16.24%	1.202%
54	14.674	2238	2242	2253	rVB	195869	284768	15.90%	1.177%
55	14.998	2293	2297	2304	rBV2	56578	110562	6.17%	0.457%
56	15.092	2309	2313	2317	rBV3	24450	34818	1.94%	0.144%
57	15.198	2327	2331	2334	rBV	58135	69352	3.87%	0.287%
58	15.357	2355	2358	2362	rBV	58004	68965	3.85%	0.285%
59	15.404	2362	2366	2372	rVB	90509	114702	6.40%	0.474%
60	15.474	2375	2378	2382	rVV	33052	43225	2.41%	0.179%
61	15.515	2382	2385	2389	rVV2	69792	97878	5.46%	0.404%
62	15.557	2389	2392	2394	rVV2	55219	78560	4.39%	0.325%
63	15.580	2394	2396	2403	rVB2	59380	79561	4.44%	0.329%
64	15.809	2431	2435	2445	rVB2	97709	146886	8.20%	0.607%
65	15.886	2445	2448	2452	rBV3	38620	55715	3.11%	0.230%
66	16.074	2477	2480	2483	rVV	39835	44910	2.51%	0.186%
67	16.109	2484	2486	2491	rVB3	30148	37315	2.08%	0.154%
68	16.174	2493	2497	2501	rBV	95696	129455	7.23%	0.535%
69	16.215	2501	2504	2508	rVV3	36583	54318	3.03%	0.224%
70	16.298	2514	2518	2523	rVB2	77467	111646	6.23%	0.461%
71	16.380	2525	2532	2537	rBV	657380	834673	46.60%	3.449%

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72	16.421	2537	2539	2543	rVB3	35156	35748	2.00%	0.148%
73	16.480	2546	2549	2552	rBV3	37360	50173	2.80%	0.207%
74	16.515	2552	2555	2561	rVB2	63487	71395	3.99%	0.295%
75	16.680	2579	2583	2588	rBV	806436	890738	49.73%	3.680%
76	16.833	2605	2609	2613	rBV	319925	393014	21.94%	1.624%
77	16.874	2613	2616	2620	rVB2	91600	110676	6.18%	0.457%
78	16.933	2621	2626	2633	rVB	903185	1076629	60.11%	4.449%
79	17.009	2636	2639	2644	rBV2	58226	82647	4.61%	0.341%
80	17.127	2654	2659	2661	rBV3	87189	136929	7.64%	0.566%
81	17.156	2661	2664	2669	rVB	98619	126021	7.04%	0.521%
82	17.239	2676	2678	2682	rVB2	61950	65373	3.65%	0.270%
83	17.292	2683	2687	2693	rBV3	109681	212694	11.87%	0.879%
84	17.403	2703	2706	2709	rVB	67813	69943	3.90%	0.289%
85	17.439	2710	2712	2718	rVB	32291	37385	2.09%	0.154%
86	17.845	2778	2781	2786	rVB	93303	110599	6.17%	0.457%
87	17.956	2798	2800	2803	rVB	67397	50212	2.80%	0.207%
88	17.986	2803	2805	2808	rVB	94881	80028	4.47%	0.331%
89	18.021	2808	2811	2815	rBV	78519	76391	4.26%	0.316%
90	18.133	2826	2830	2835	rVB2	176758	247963	13.84%	1.025%
91	18.280	2850	2855	2859	rBV2	552846	976032	54.49%	4.033%
92	18.315	2859	2861	2866	rVB	373182	448755	25.05%	1.854%
93	18.792	2940	2942	2946	rVB	87347	79756	4.45%	0.330%
94	18.945	2965	2968	2971	rBV3	87676	107295	5.99%	0.443%
95	19.327	3030	3033	3036	rVB2	162544	181560	10.14%	0.750%
96	19.556	3068	3072	3075	rBV	525533	713724	39.85%	2.949%
97	19.850	3119	3122	3127	rVB	265415	292537	16.33%	1.209%
98	19.909	3129	3132	3135	rBV	259095	260309	14.53%	1.076%
99	19.962	3139	3141	3144	rVV	171101	149147	8.33%	0.616%
100	21.133	3337	3340	3346	rVB	169737	263347	14.70%	1.088%

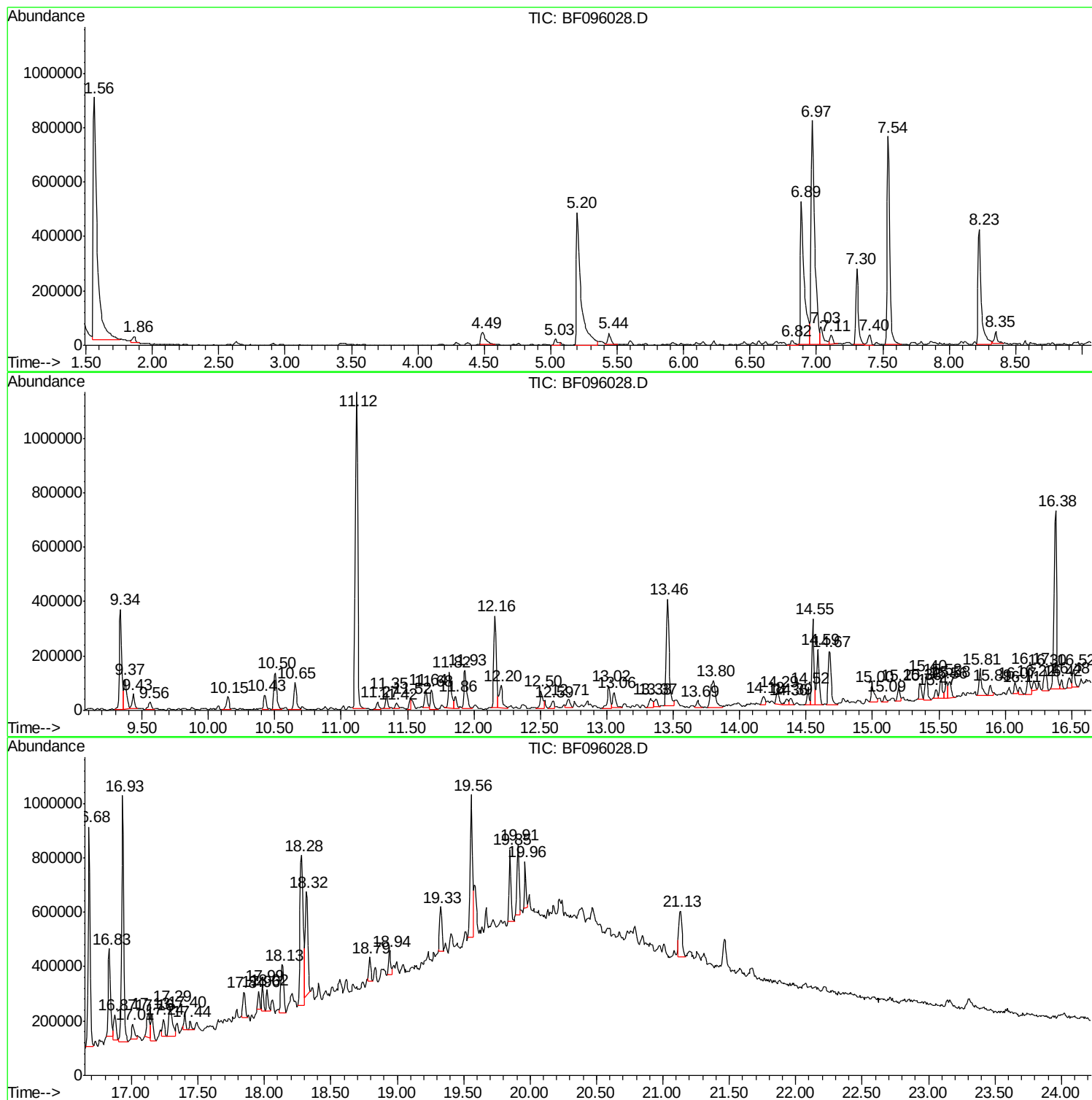
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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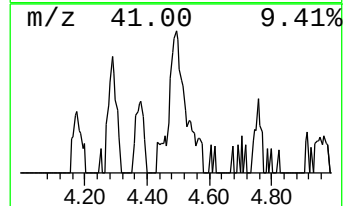
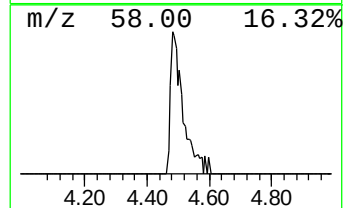
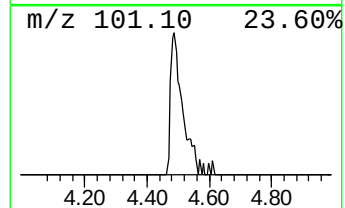
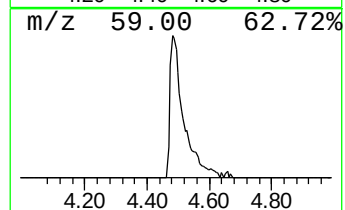
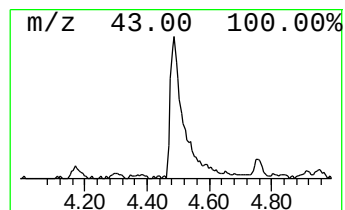
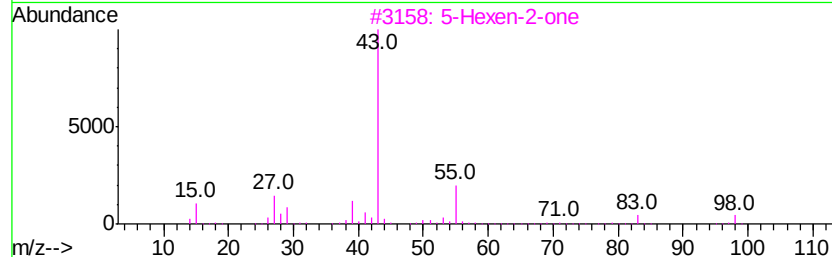
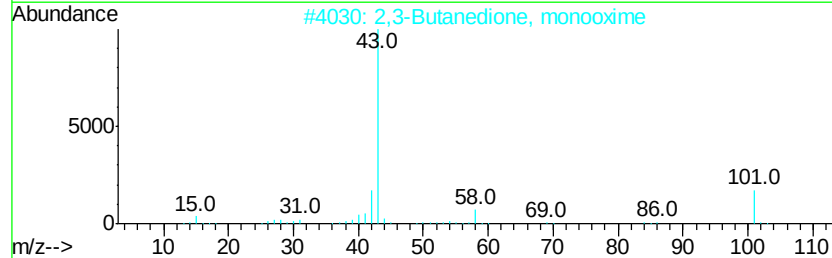
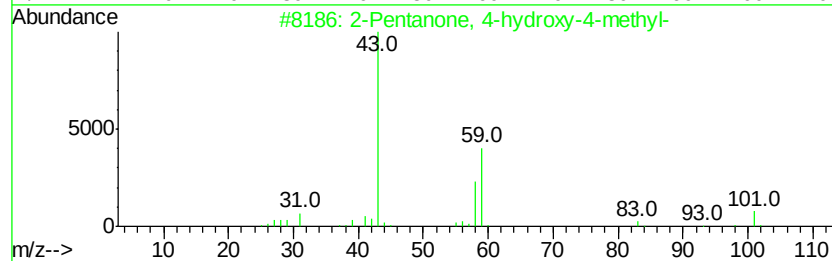
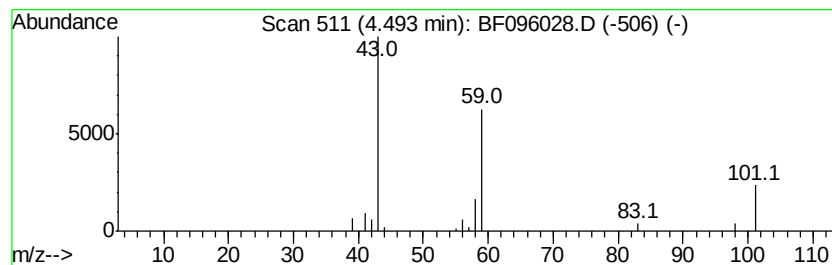
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.49	6.24 ng	113856	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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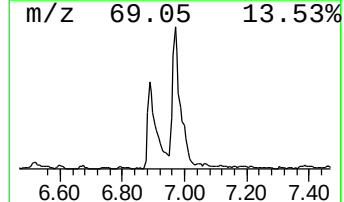
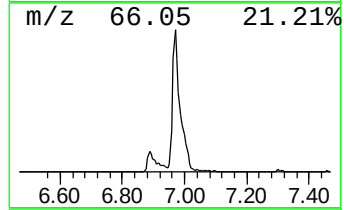
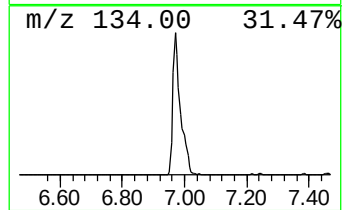
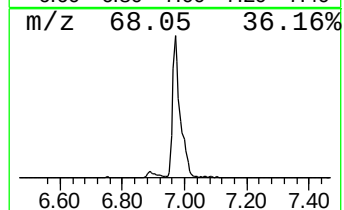
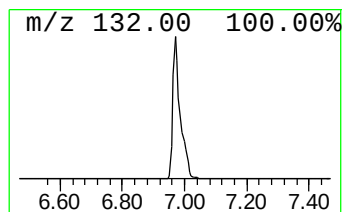
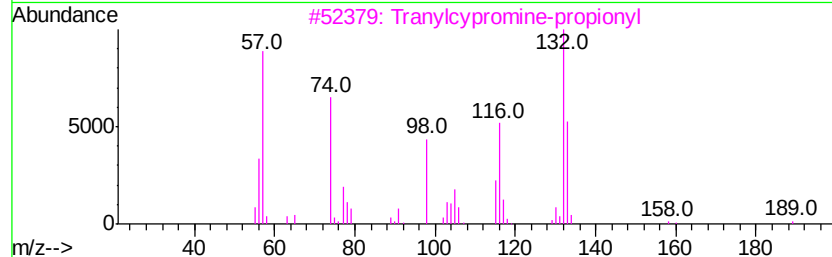
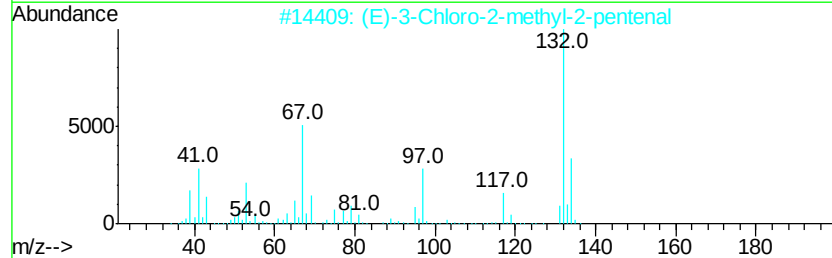
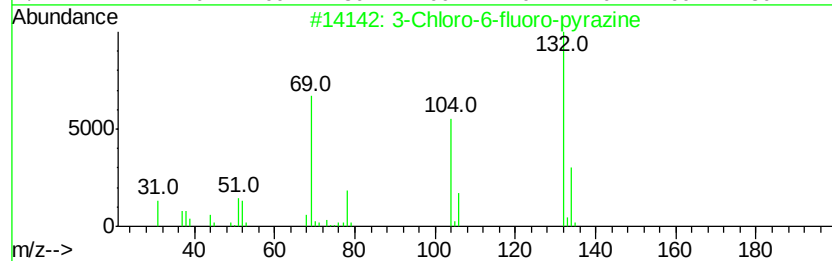
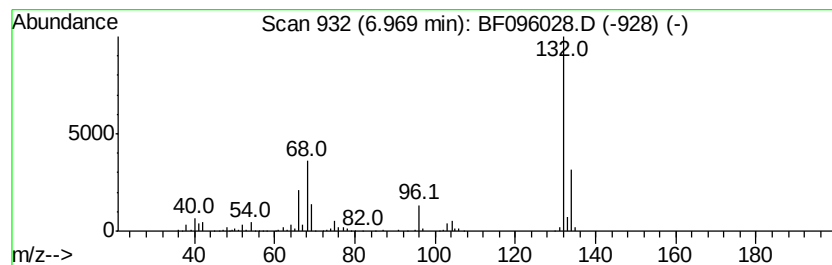
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.97 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	82.49 ng	1504570	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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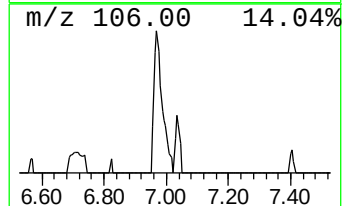
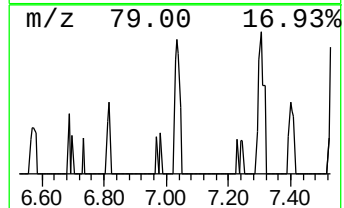
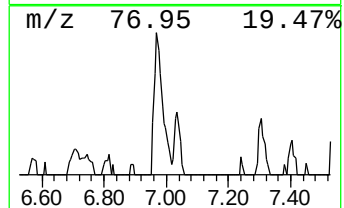
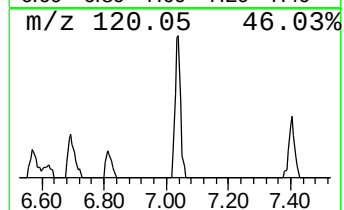
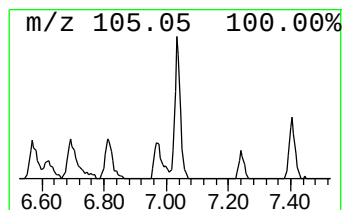
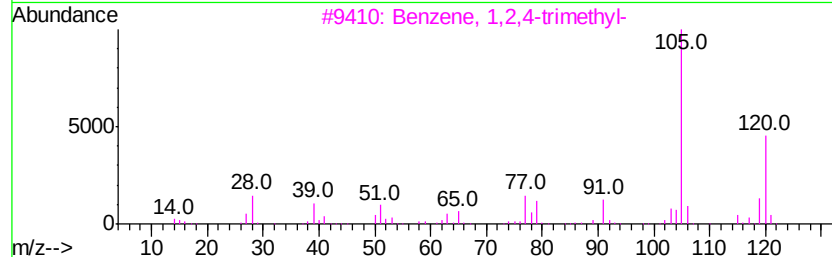
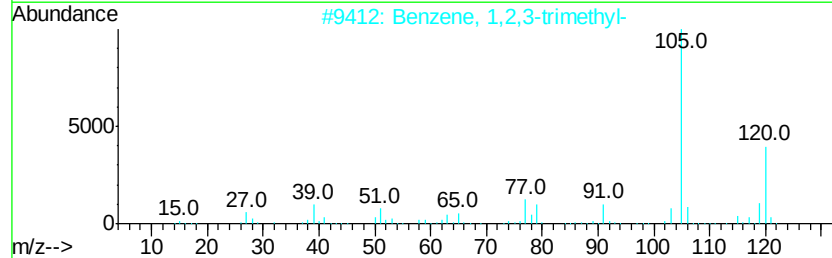
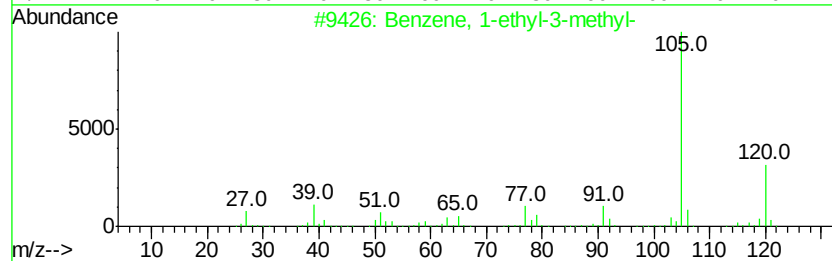
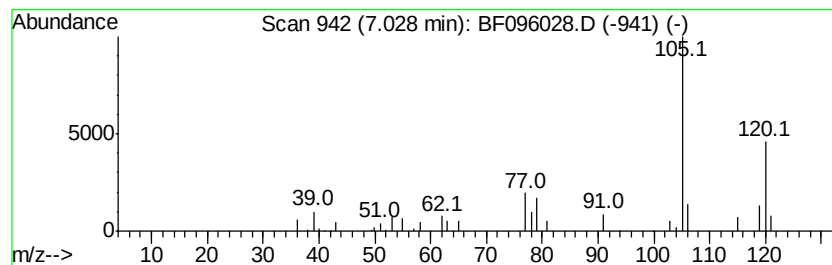
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Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	6.05 ng	110328	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096028.D
Acq On : 20 Jun 2017 5:13
Operator : SJ/MA
Sample : I3688-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G13-1.5-3

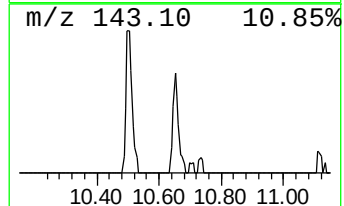
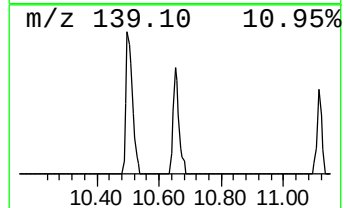
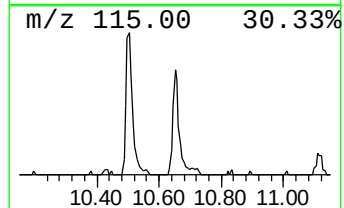
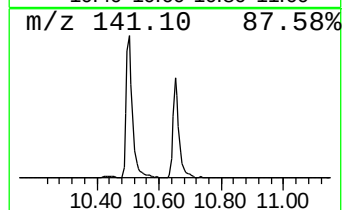
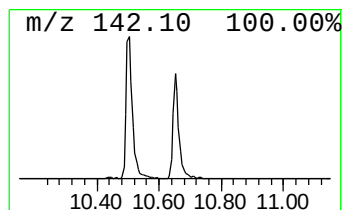
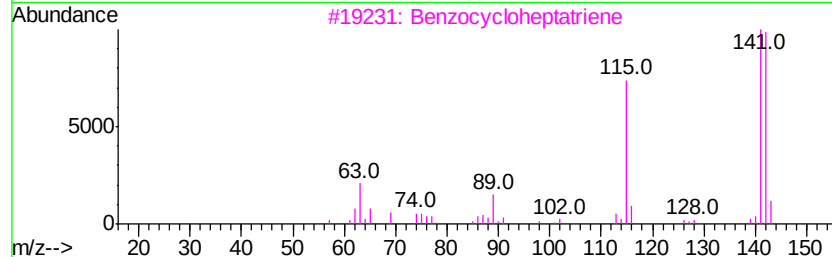
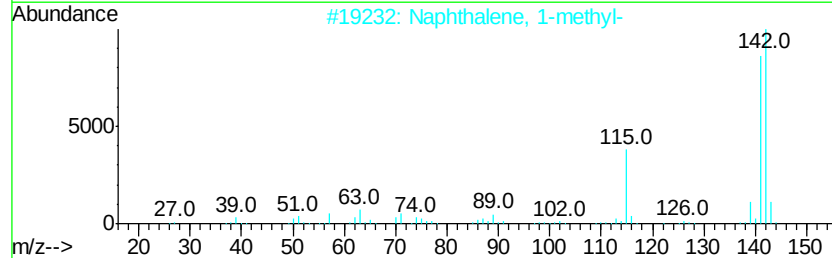
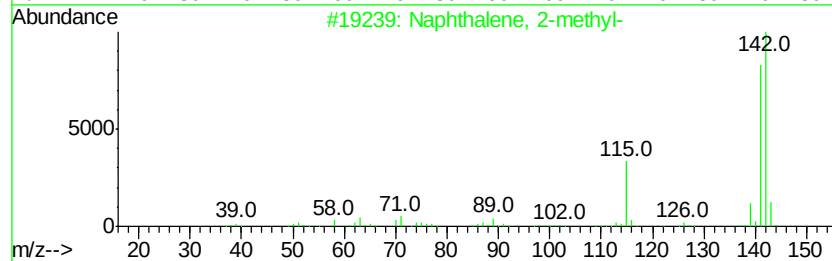
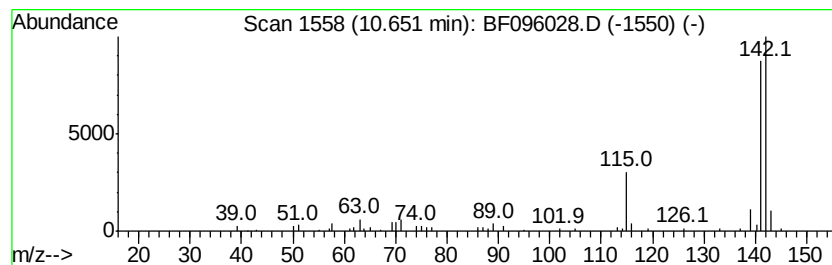
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	5.69 ng	131907	Naphthalene-d8	9.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
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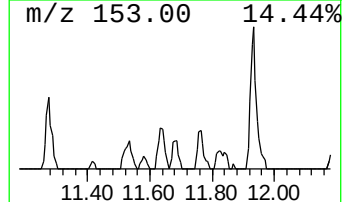
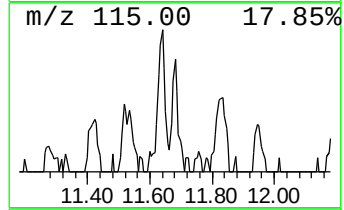
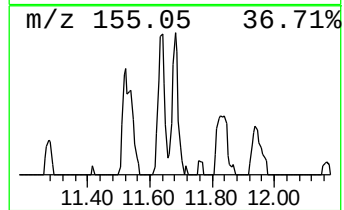
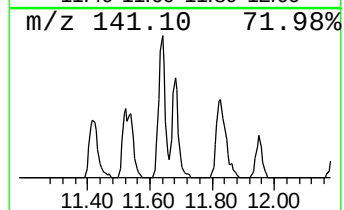
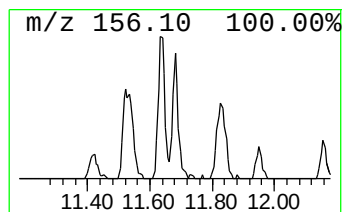
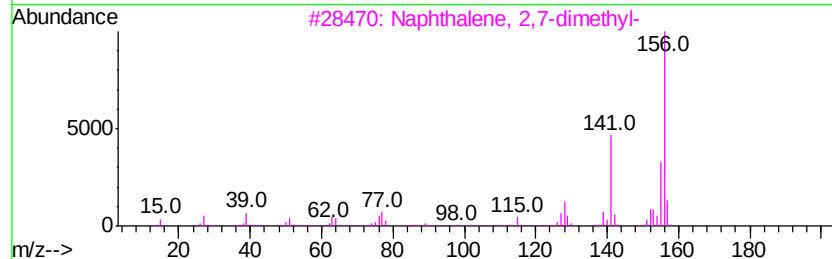
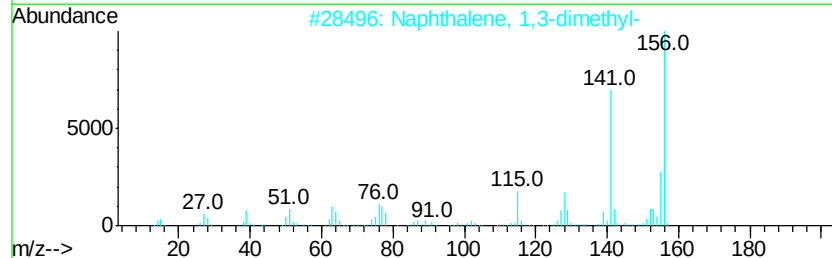
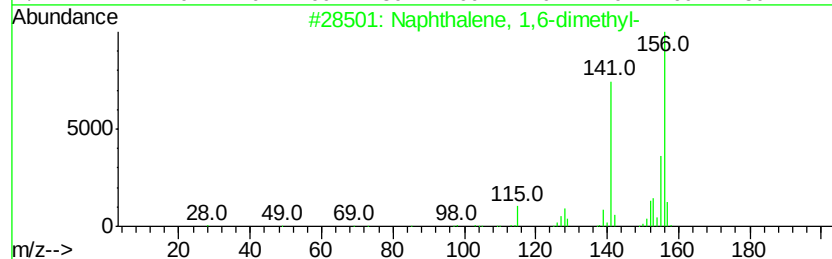
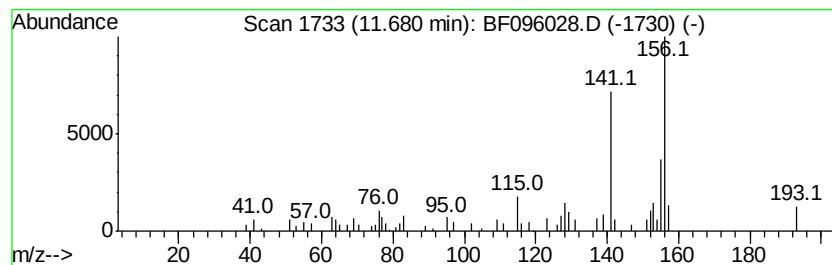
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	4.41 ng	93918	Acenaphthene-d10	12.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096028.D
Acq On : 20 Jun 2017 5:13
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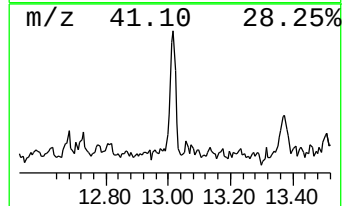
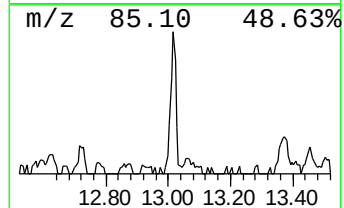
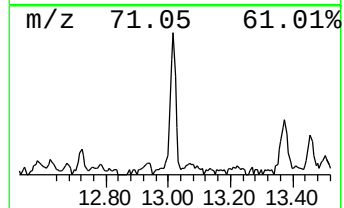
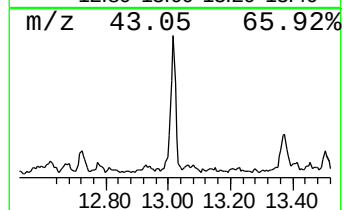
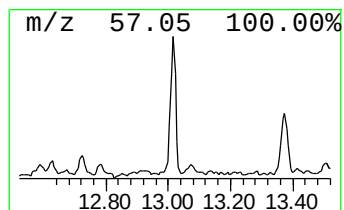
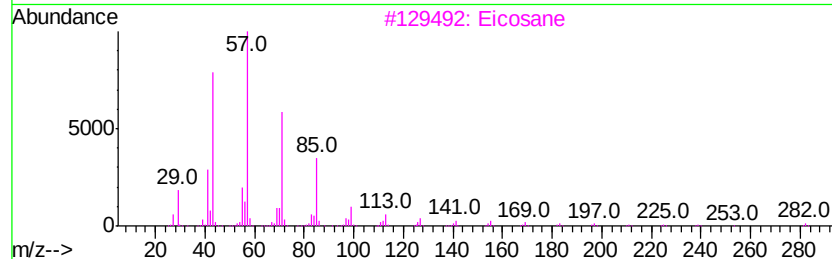
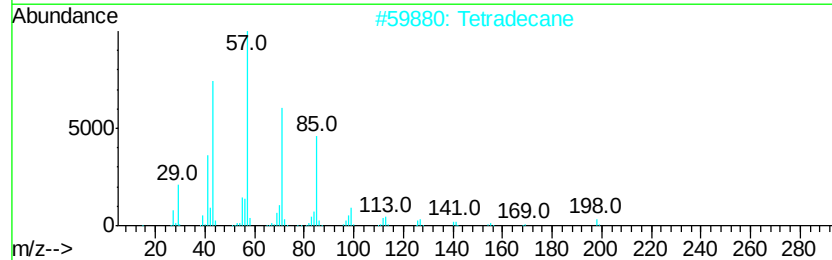
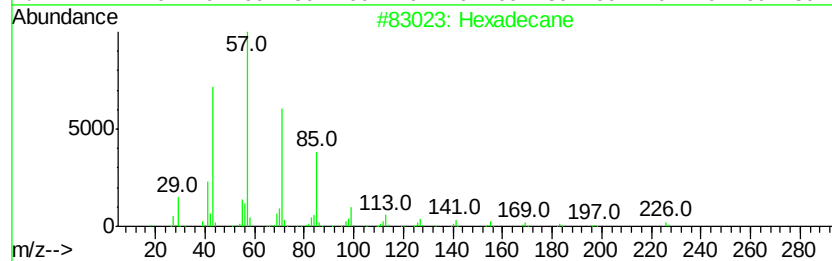
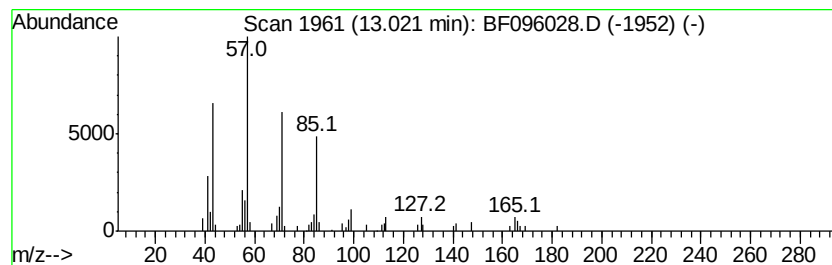
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	5.48 ng	116593	Acenaphthene-d10	12.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	86
2	Tetradecane		198	C14H30	000629-59-4	86
3	Eicosane		282	C20H42	000112-95-8	86
4	Pentadecane		212	C15H32	000629-62-9	86
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096028.D
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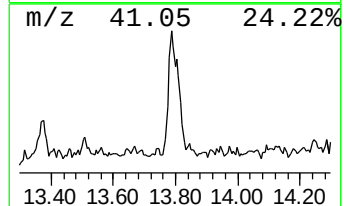
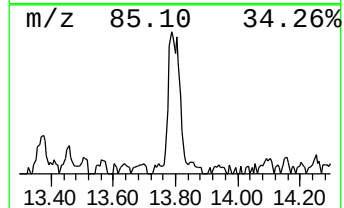
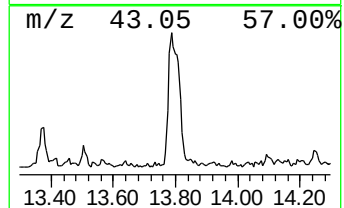
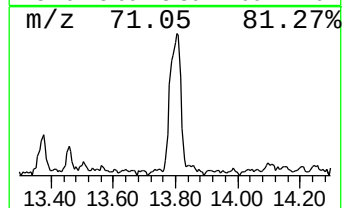
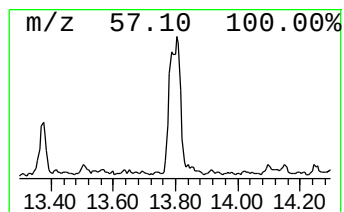
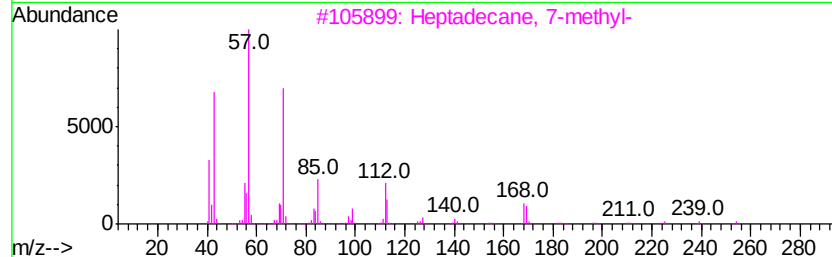
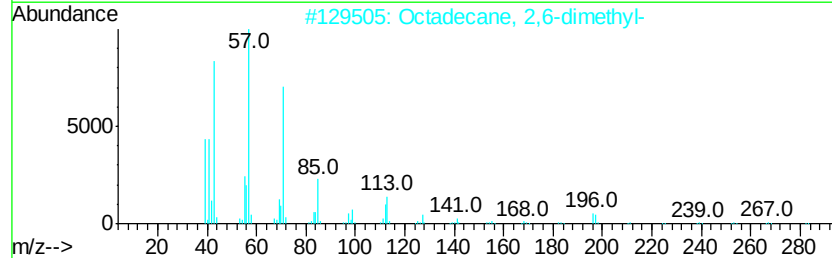
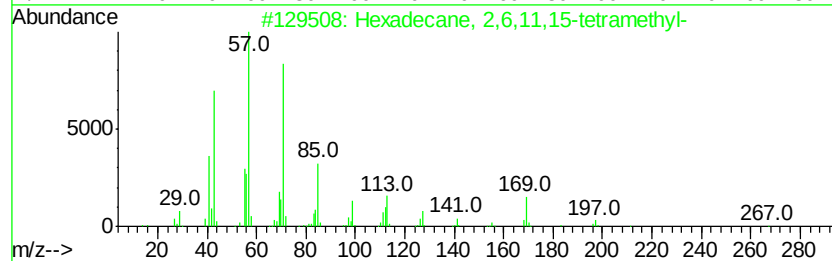
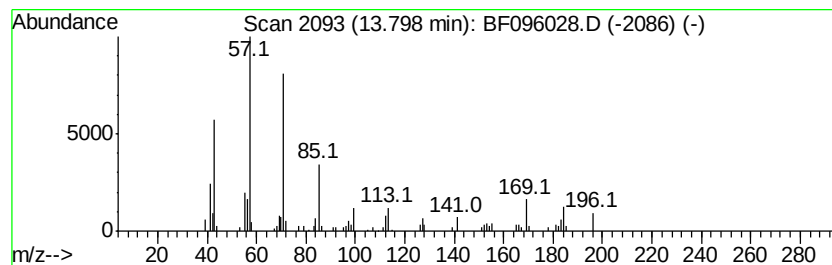
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane, 2,6,11,15-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	12.98 ng	245748	Phenanthrene-d10	14.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	90
2			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
3			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	86
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096028.D
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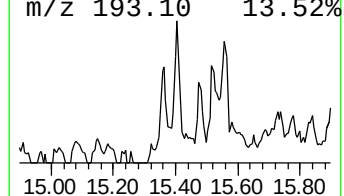
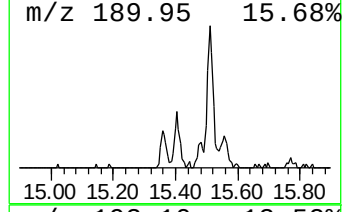
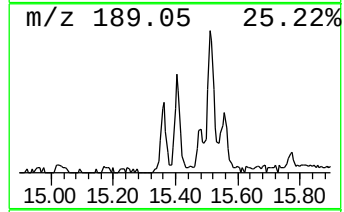
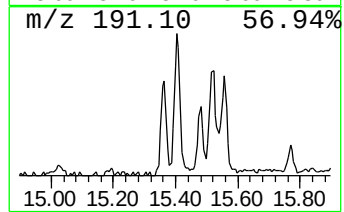
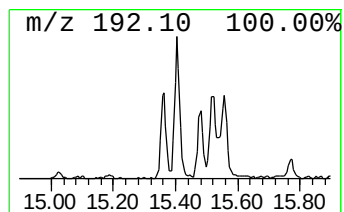
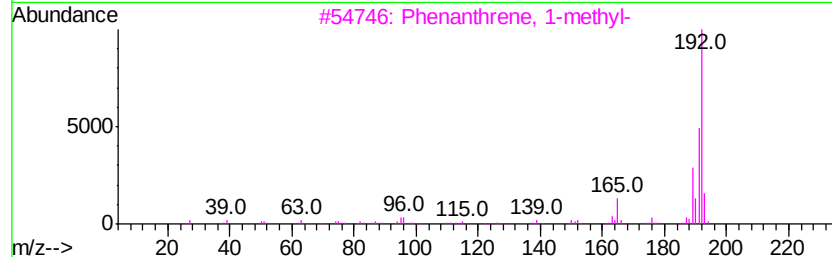
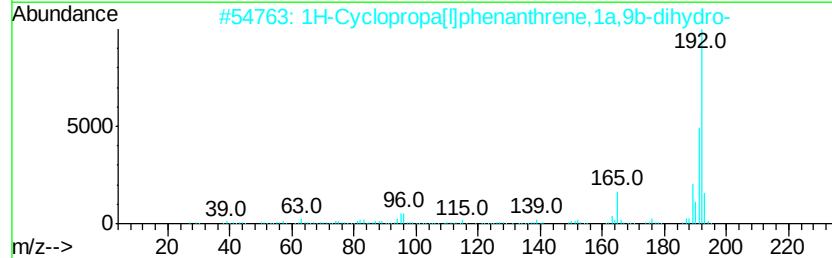
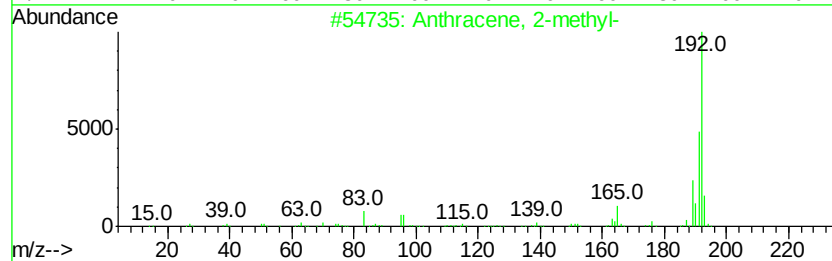
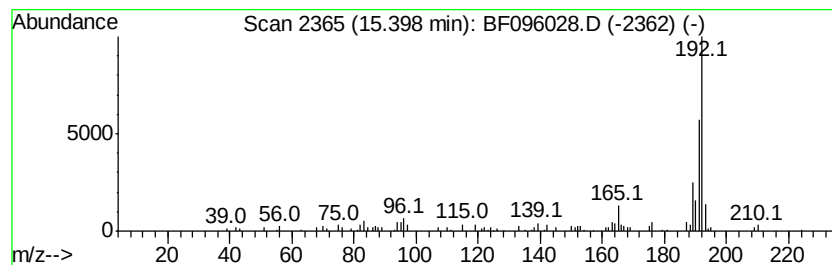
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	6.06 ng	114702	Phenanthrene-d10	14.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
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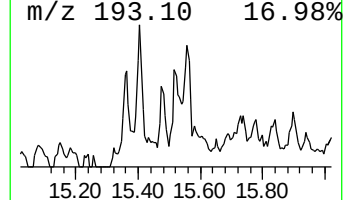
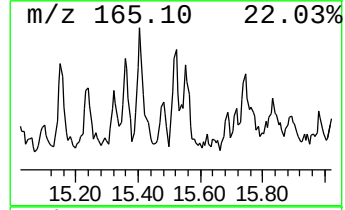
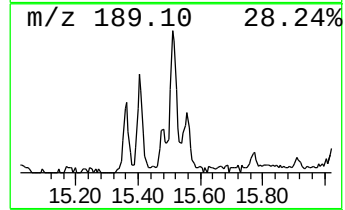
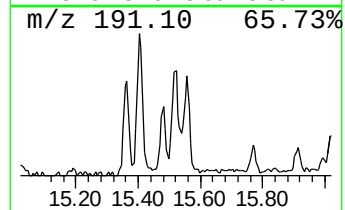
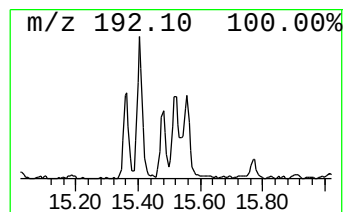
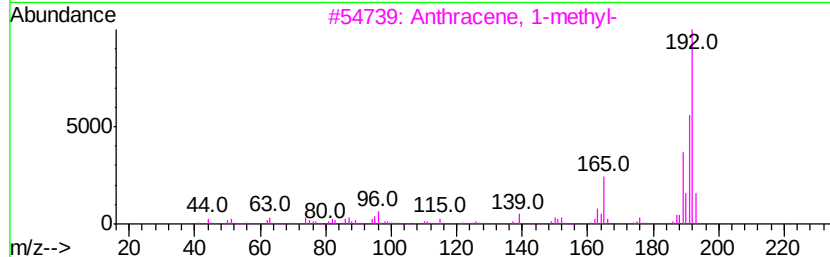
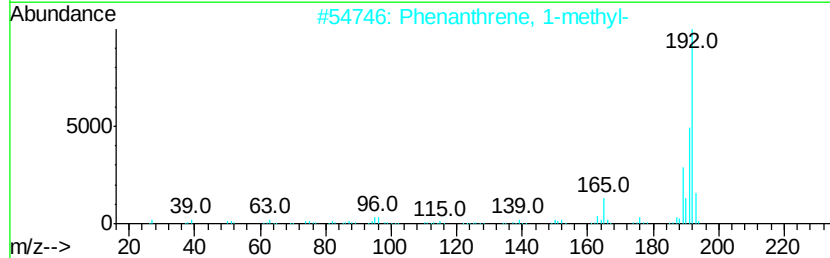
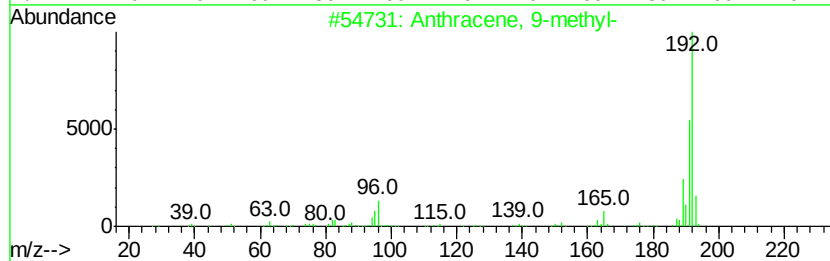
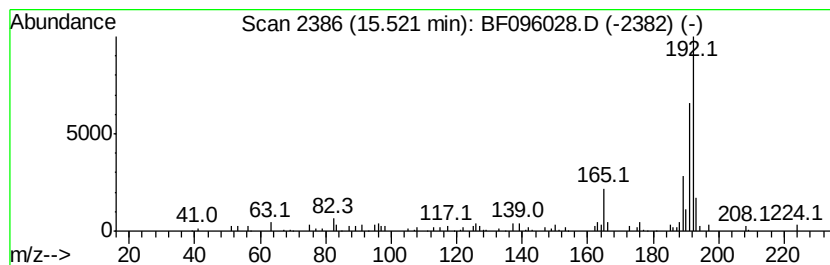
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	5.17 ng	97878	Phenanthrene-d10	14.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
4		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
5		1H-Cyclopropa[l]phenanthrene, 1a,...	192	C15H12	000949-41-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
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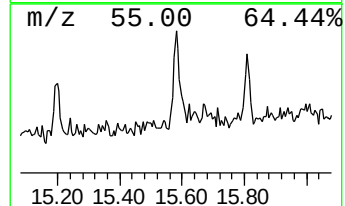
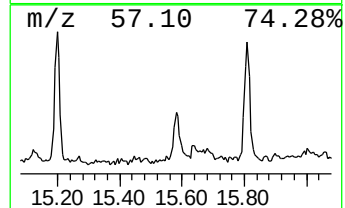
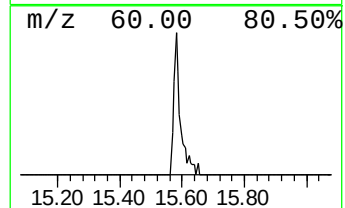
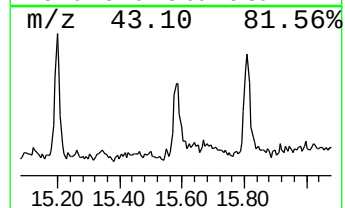
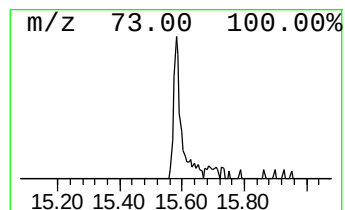
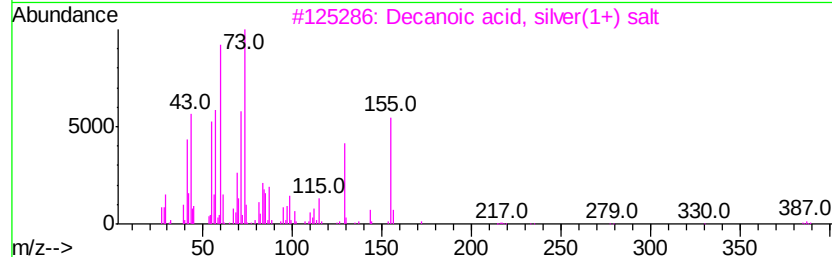
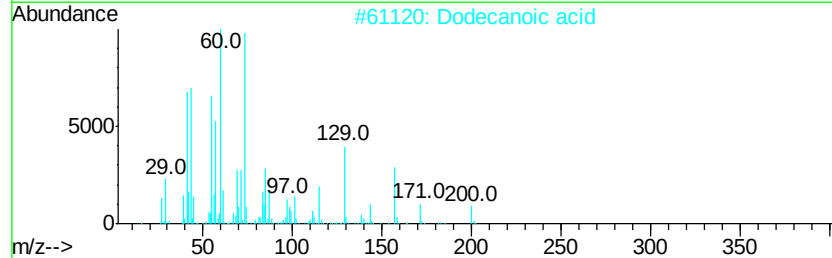
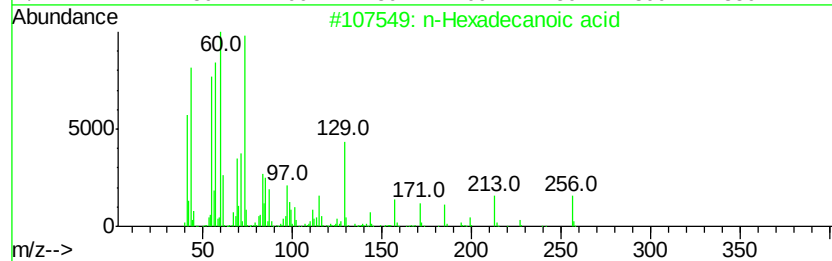
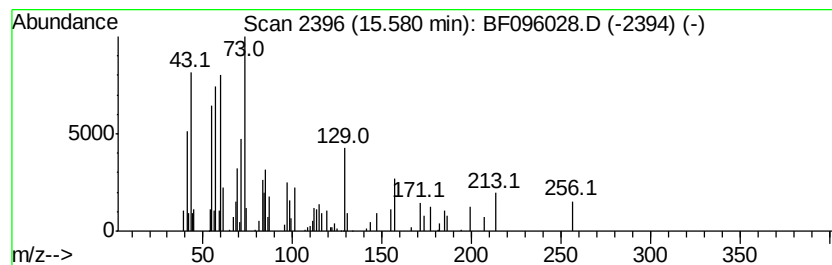
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	4.20 ng	79561	Phenanthrene-d10	14.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Dodecanoic acid	200	C12H24O2	000143-07-7	59
3		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5		Tridecanoic acid	214	C13H26O2	000638-53-9	50



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Data File : BF096028.D
Acq On : 20 Jun 2017 5:13
Operator : SJ/MA
Sample : I3688-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

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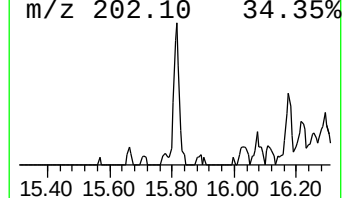
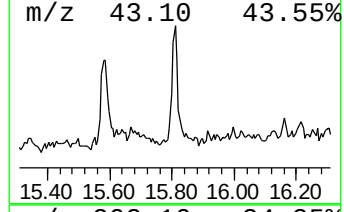
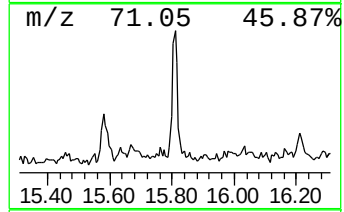
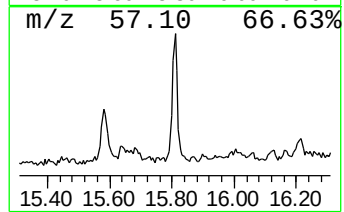
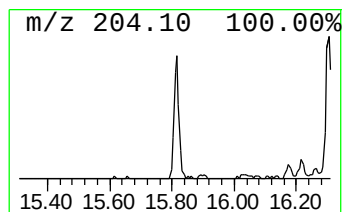
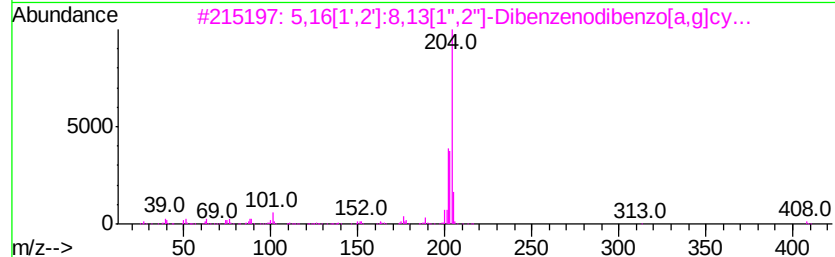
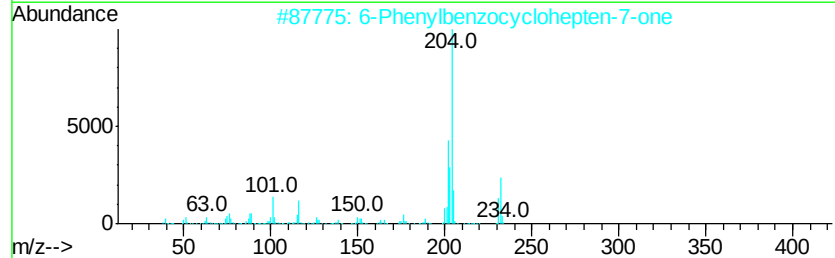
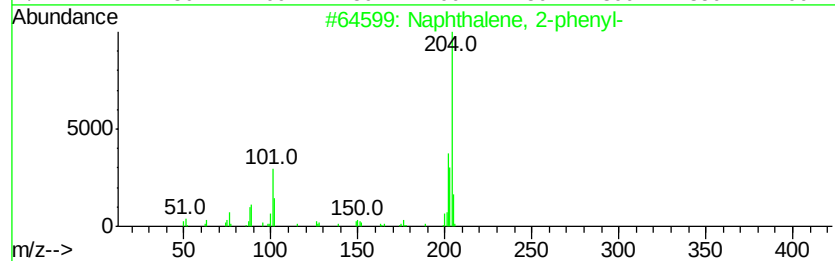
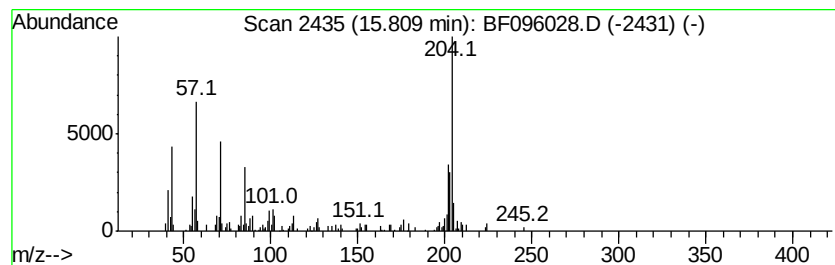
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	7.76 ng	146886	Phenanthrene-d10	14.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
2		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	52
3		5,16[1',2']8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	49
4		Tetradecane	198	C14H30	000629-59-4	47
5		Pentadecane	212	C15H32	000629-62-9	47



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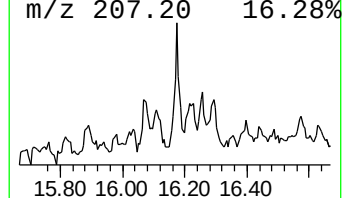
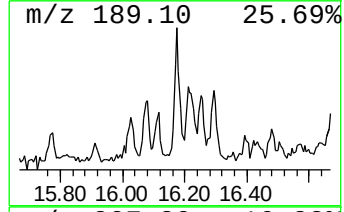
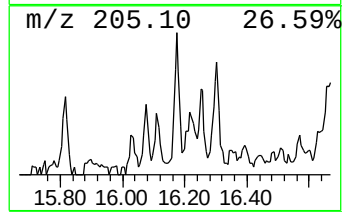
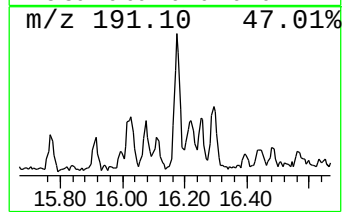
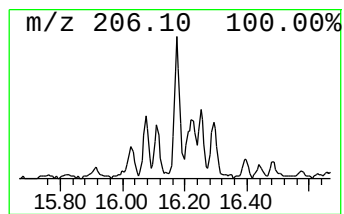
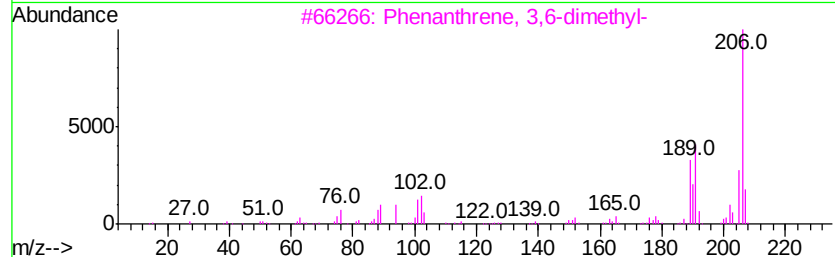
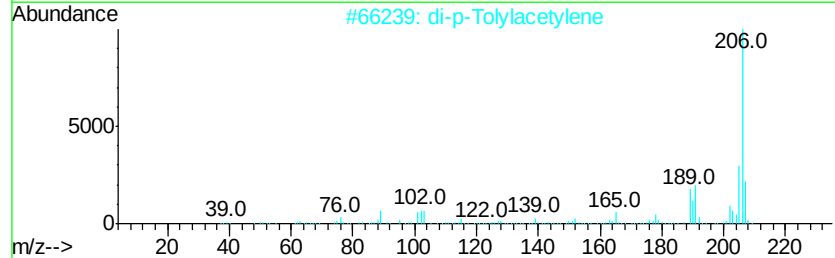
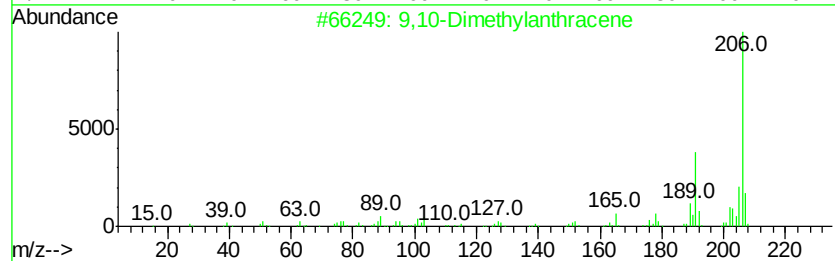
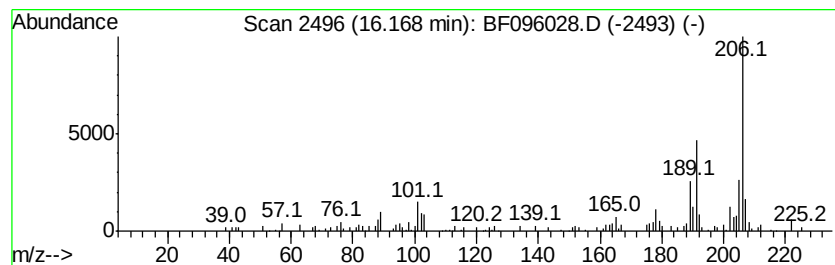
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	6.84 ng	129455	Phenanthrene-d10	14.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93



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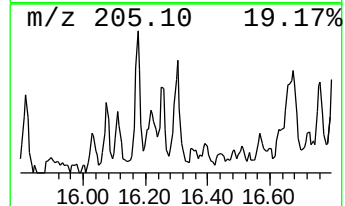
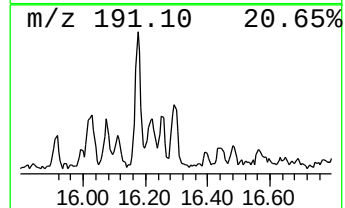
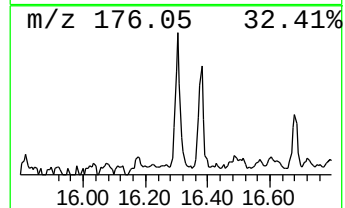
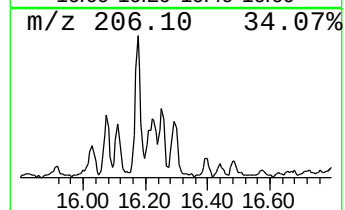
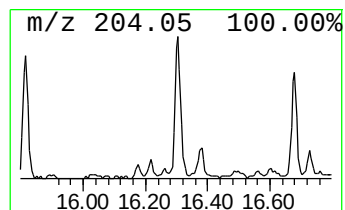
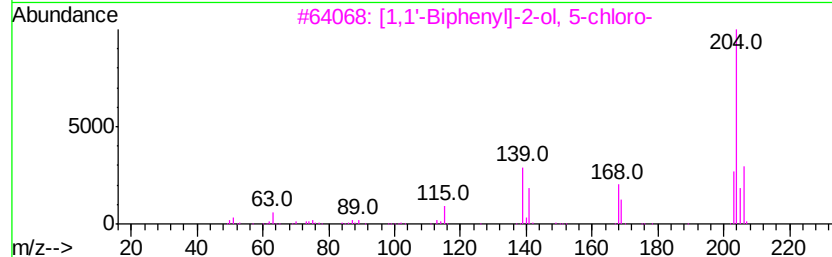
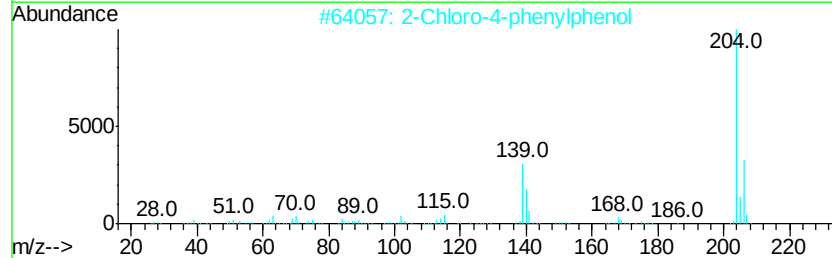
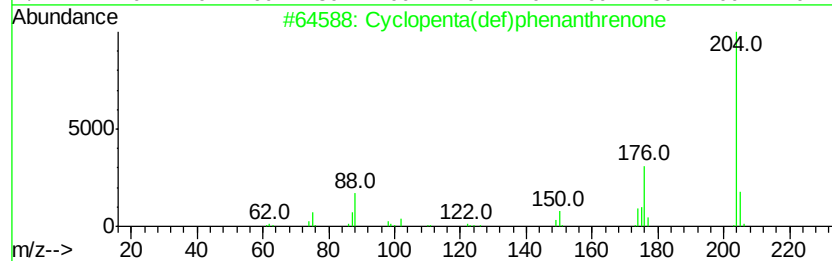
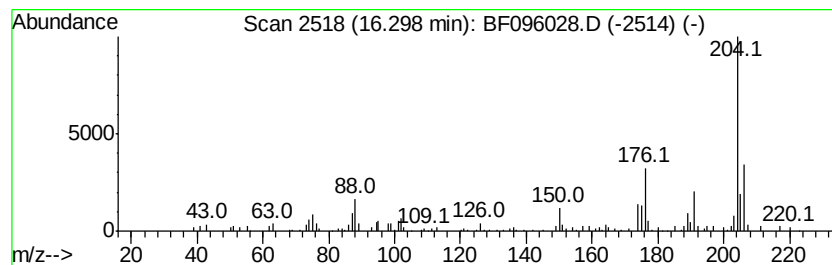
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	5.90 ng	111646	Phenanthrene-d10	14.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
3		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4		Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	43
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43



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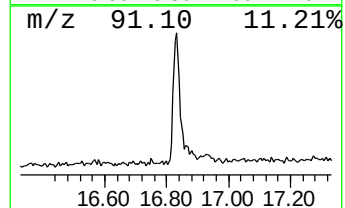
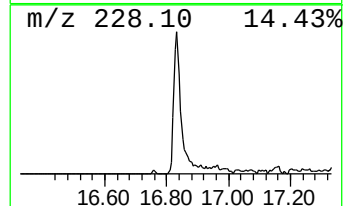
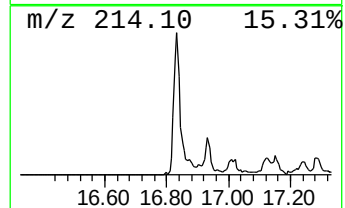
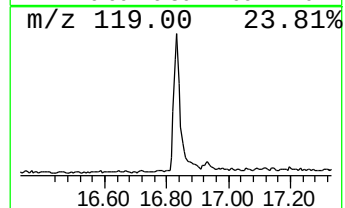
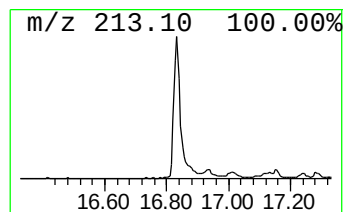
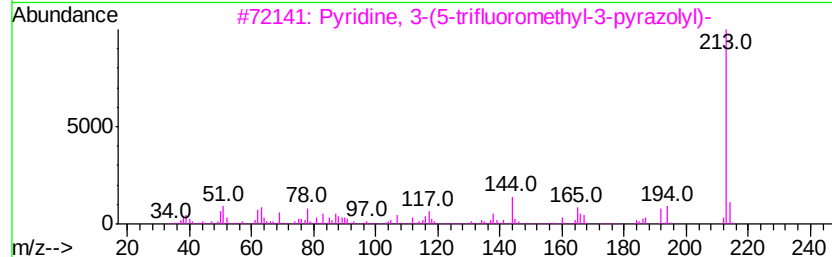
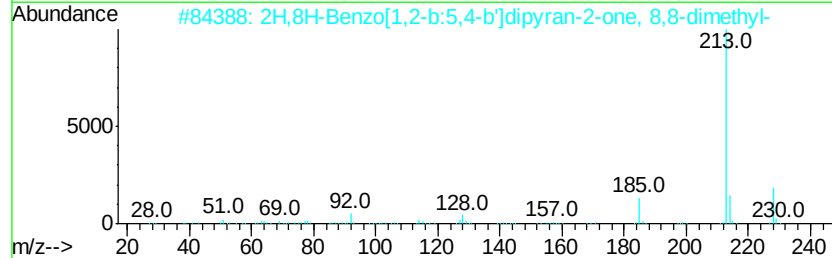
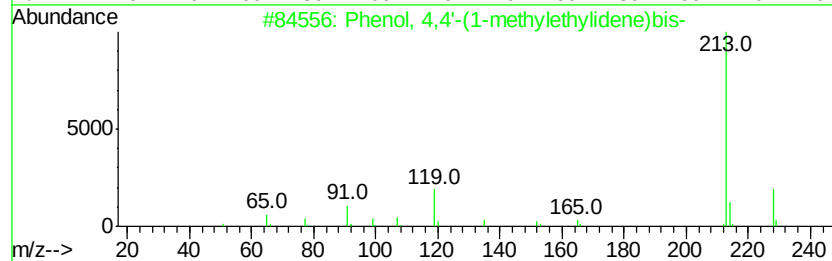
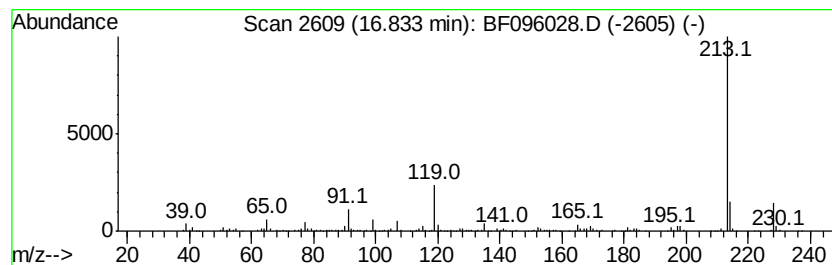
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenol, 4,4'-(1-methylethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.83	8.05 ng	393014	Chrysene-d12	18.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58
3	Pvridine, 3-(5-trifluoromethyl-3...	213	C9H6F3N3	003974-70-7	50
4	Succinic acid, di(3,5-difluoroph...	342	C16H10F4O4	1000358-04-1	50
5	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	50



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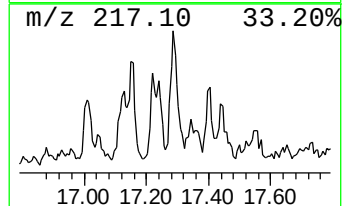
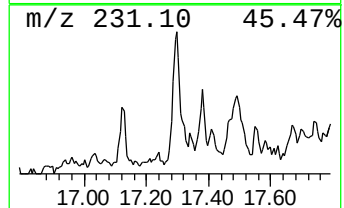
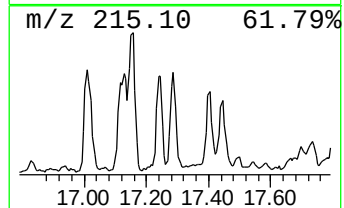
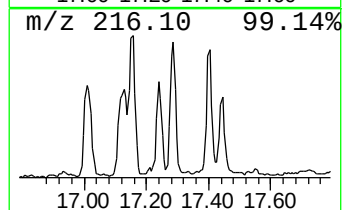
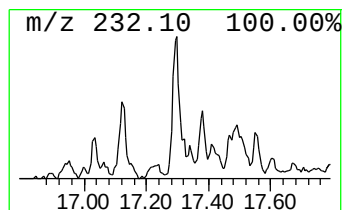
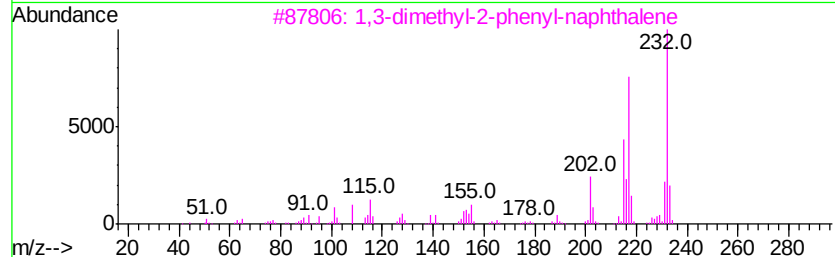
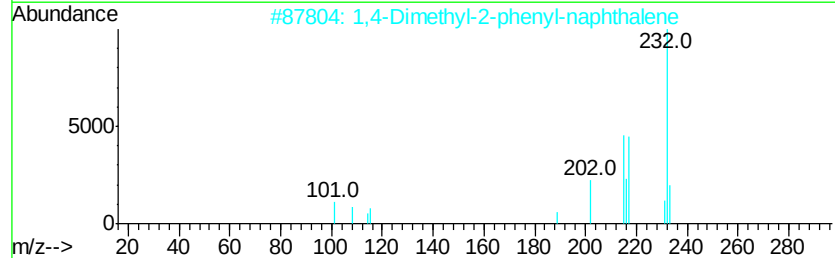
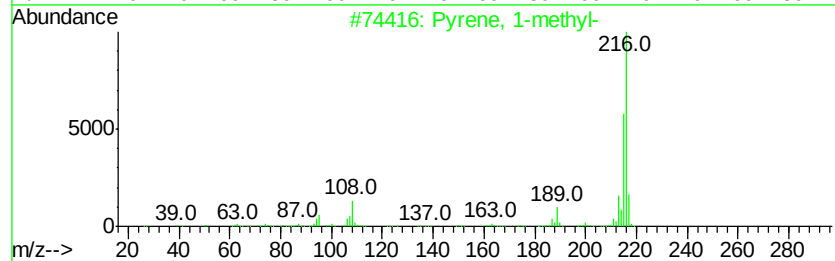
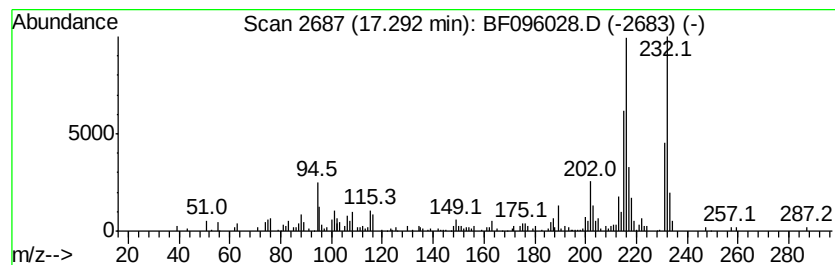
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	4.36 ng	212694	Chrysene-d12	18.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 50
2		1,4-Dimethyl-2-phenyl-naphthalene	232 C18H16	051036-91-0 49
3		1,3-dimethyl-2-phenyl-naphthalene	232 C18H16	1000379-93-4 49
4		Phosphine sulfide, methyldiphenyl-	232 C13H13PS	013639-74-2 45
5		1-Pyrenemethanol	232 C17H12O	024463-15-8 43



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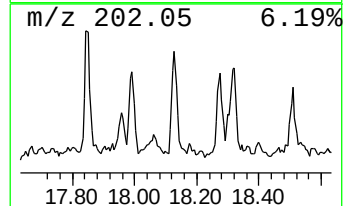
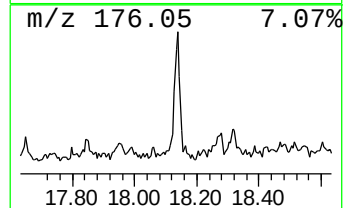
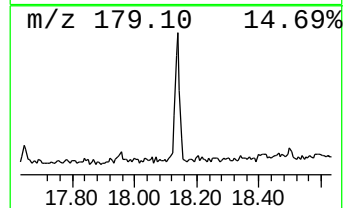
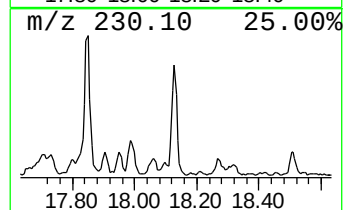
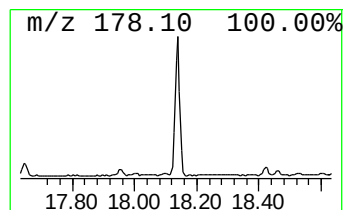
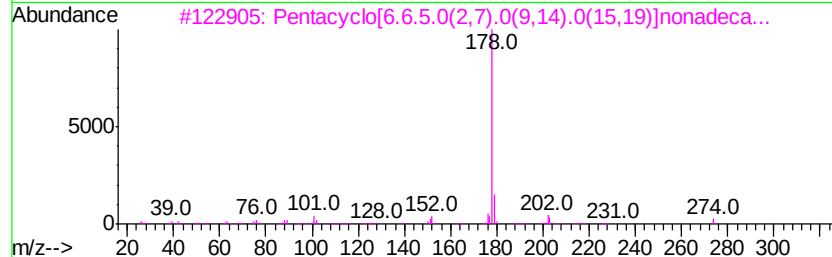
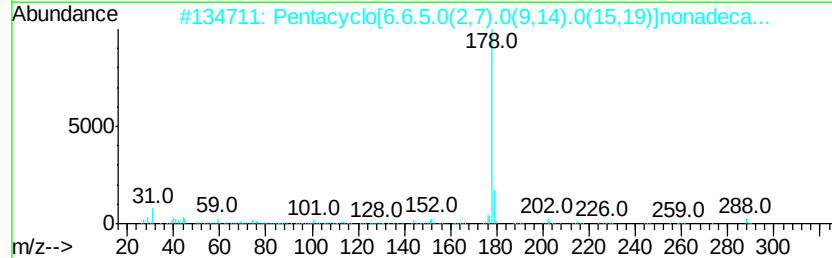
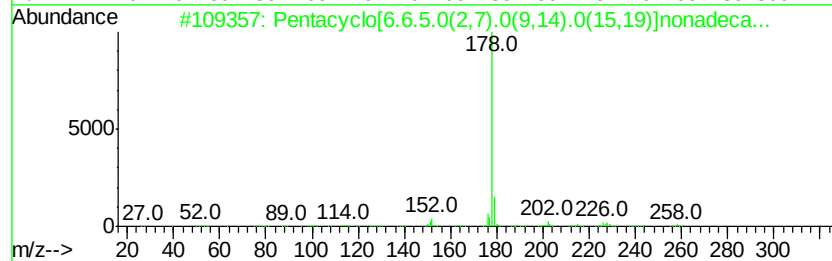
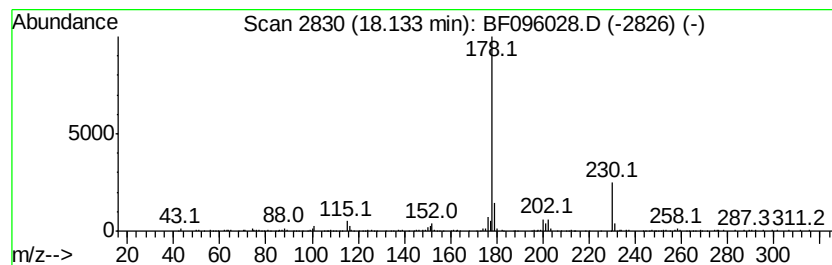
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentacyclo[6.6.5.0(2,7).0(9... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	5.08 ng	247963	Chrysene-d12	18.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacyclo[6.6.5.0(2,7).0(9,14)...	258	C19H14O	1000156-78-8	70
2		Pentacyclo[6.6.5.0(2,7).0(9,14)...	288	C20H16O2	111240-92-7	53
3		Pentacyclo[6.6.5.0(2,7).0(9,14)...	274	C19H14O2	111501-02-1	53
4		3-(2-Pyridyl)-5,6-diphenyl-1,2,4...	310	C20H14N4	001046-56-6	53
5		(+)-Norreticuline	315	C18H21NO4	1000127-81-7	53



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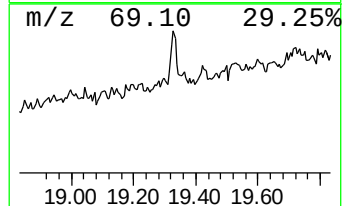
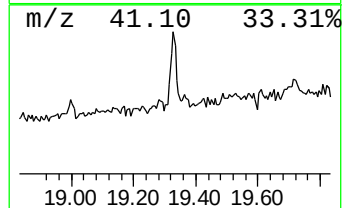
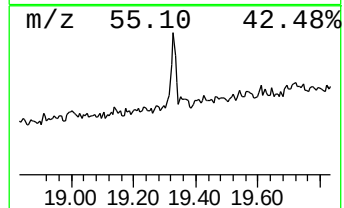
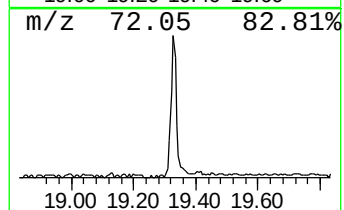
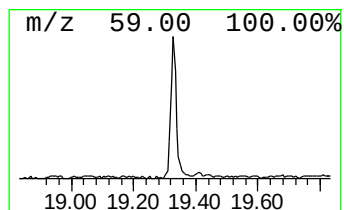
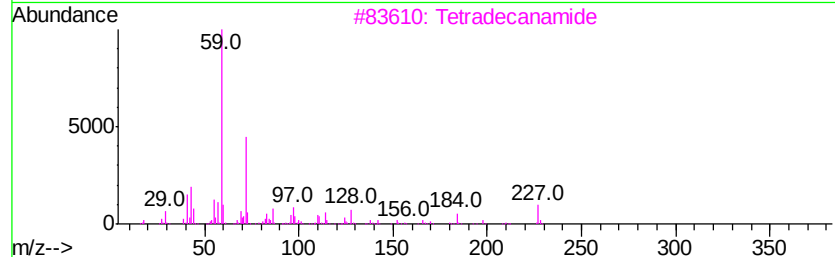
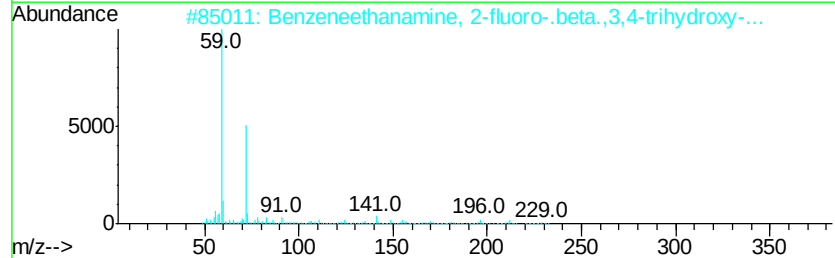
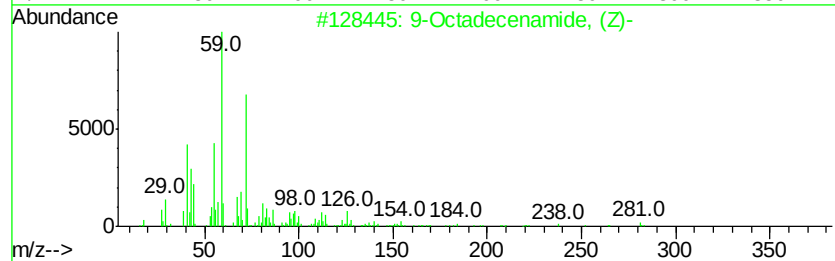
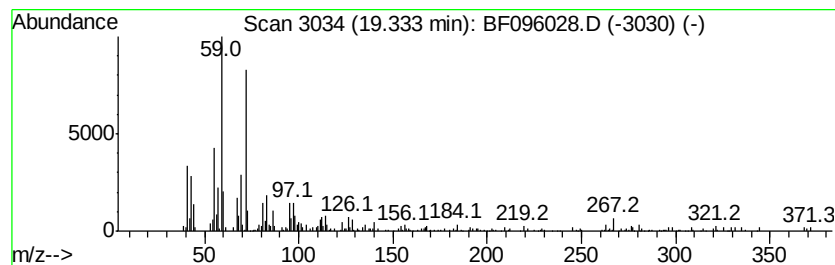
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	24.35 ng	181560	Perylene-d12	19.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	64
3		Tetradecanamide	227	C14H29NO	000638-58-4	59
4		Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50
5		7-Nonenamide	155	C9H17NO	090949-53-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096028.D
Acq On : 20 Jun 2017 5:13
Operator : SJ/MA
Sample : I3688-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G13-1.5-3

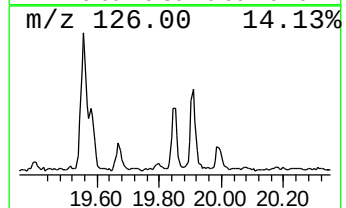
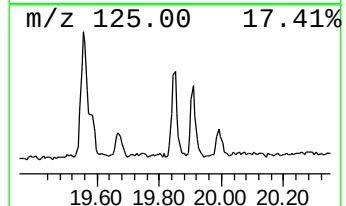
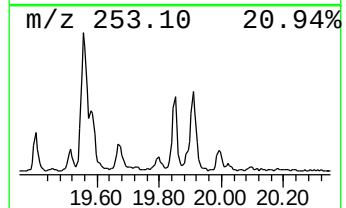
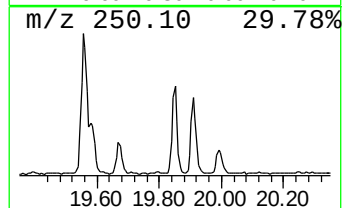
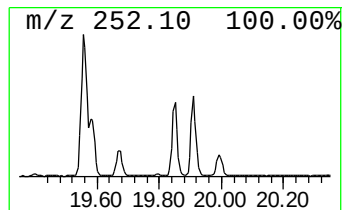
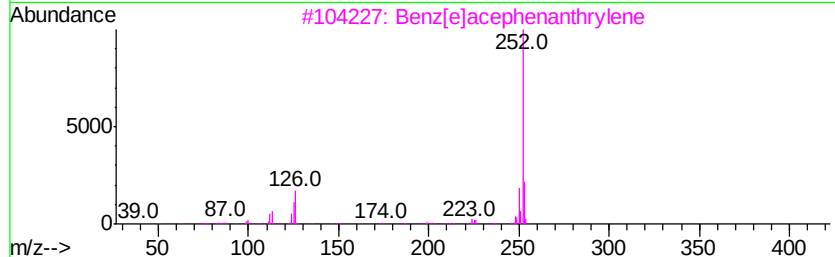
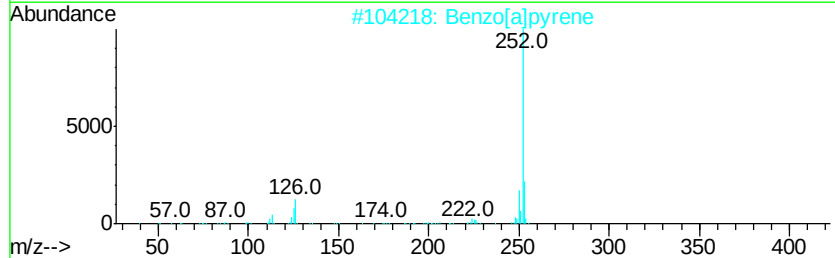
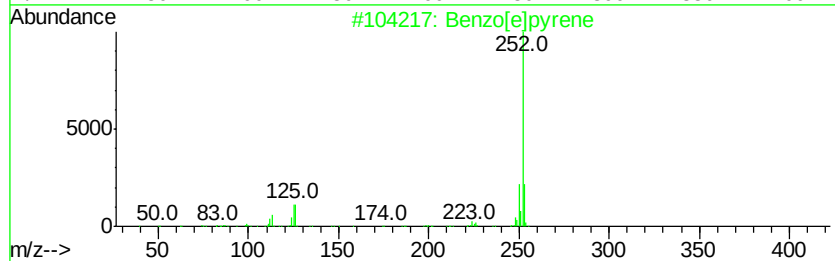
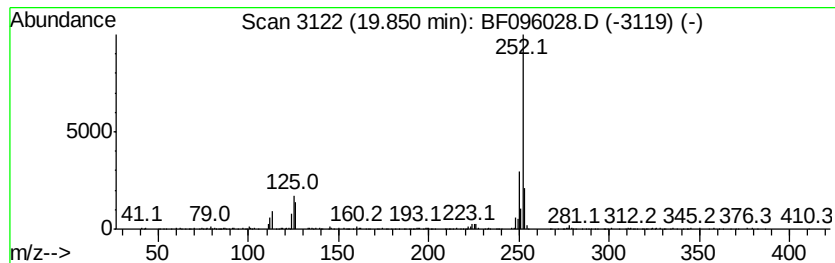
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	39.23 ng	292537	Perylene-d12	19.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4		Perylene	252	C20H12	000198-55-0	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
 Data File : BF096028.D
 Acq On : 20 Jun 2017 5:13
 Operator : SJ/MA
 Sample : I3688-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G13-1.5-3

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...	4.49	6.2 ng		113856	1	7.30	364774	20.0
unknown6.97	6.97	82.5 ng		1504570	1	7.30	364774	20.0
Benzene, 1-ethyl-...	7.03	6.0 ng		110328	1	7.30	364774	20.0
Naphthalene, 1-me...	10.65	5.7 ng		131907	2	9.34	463447	20.0
Naphthalene, 1,6-...	11.68	4.4 ng		93918	3	12.16	425862	20.0
Hexadecane	13.02	5.5 ng		116593	3	12.16	425862	20.0
Hexadecane, 2,6,1...	13.80	13.0 ng		245748	4	14.55	378556	20.0
Anthracene, 2-met...	15.40	6.1 ng		114702	4	14.55	378556	20.0
Anthracene, 9-met...	15.52	5.2 ng		97878	4	14.55	378556	20.0
n-Hexadecanoic acid	15.58	4.2 ng		79561	4	14.55	378556	20.0
Naphthalene, 2-ph...	15.81	7.8 ng		146886	4	14.55	378556	20.0
9,10-Dimethylanthe...	16.17	6.8 ng		129455	4	14.55	378556	20.0
Cyclopenta(def)ph...	16.30	5.9 ng		111646	4	14.55	378556	20.0
Phenol, 4,4'-(1-m...	16.83	8.1 ng		393014	5	18.29	976032	20.0
Pyrene, 1-methyl-	17.29	4.4 ng		212694	5	18.29	976032	20.0
Pentacyclo[6.6.5....	18.13	5.1 ng		247963	5	18.29	976032	20.0
9-Octadecenamide,...	19.33	24.4 ng		181560	6	19.96	149147	20.0
Benzo[e]pyrene	19.85	39.2 ng		292537	6	19.96	149147	20.0