

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080257.D
 Acq On : 1 Jul 2015 3:12
 Operator : TP/IZ
 Sample : G2838-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B7

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-BF061715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.498	208	211	216	rVB	213132	238913	11.89%	0.701%
2	5.899	244	246	248	rBV	1031756	1113207	55.42%	3.265%
3	6.893	330	333	335	rBV	1346322	1205714	60.03%	3.537%
4	7.053	344	347	349	rBV	1408338	1222463	60.86%	3.586%
5	7.281	365	367	370	rVB	231307	198931	9.90%	0.583%
6	7.441	379	381	384	rBV	1123021	917096	45.66%	2.690%
7	7.842	413	416	418	rBV	913429	730459	36.37%	2.143%
8	8.573	478	480	485	rVB	333086	280109	13.95%	0.822%
9	9.647	572	574	577	rBV	1423455	1326023	66.02%	3.889%
10	10.036	606	608	613	rVB	124718	128709	6.41%	0.378%
11	10.208	620	623	625	rBV	130700	112809	5.62%	0.331%
12	10.345	633	635	637	rBV	373747	310407	15.45%	0.910%
13	11.133	702	704	707	rBV2	682262	893185	44.47%	2.620%
14	11.693	751	753	756	rVV4	20609	46875	2.33%	0.137%
15	11.853	765	767	768	rBV	331786	455206	22.66%	1.335%
16	11.876	768	769	771	rVV	716646	513384	25.56%	1.506%
17	11.922	771	773	775	rVV	175963	206326	10.27%	0.605%
18	12.082	784	787	789	rBV2	22220	41034	2.04%	0.120%
19	12.368	809	812	813	rBV	126421	117201	5.83%	0.344%
20	12.391	813	814	816	rVB	143023	152391	7.59%	0.447%
21	12.448	816	819	820	rBV	76201	83573	4.16%	0.245%
22	12.482	820	822	826	rVB2	181553	354937	17.67%	1.041%
23	12.676	837	839	840	rBV	92222	113551	5.65%	0.333%
24	12.836	850	853	854	rBV	44198	51390	2.56%	0.151%
25	12.871	854	856	857	rVV	46016	51456	2.56%	0.151%
26	12.951	860	863	864	rBV	131728	154360	7.68%	0.453%
27	12.985	864	866	869	rVV2	63872	142076	7.07%	0.417%
28	13.042	869	871	874	rVV	120517	139464	6.94%	0.409%
29	13.134	876	879	881	rVV	1662204	1837098	91.46%	5.388%
30	13.191	883	884	886	rVV	49860	51383	2.56%	0.151%
31	13.225	886	887	889	rVV	34115	54443	2.71%	0.160%
32	13.294	891	893	897	rVB4	61572	126944	6.32%	0.372%
33	13.385	897	901	904	rBV	1600170	2008661	100.00%	5.892%
34	13.431	904	905	908	rVB2	105878	131400	6.54%	0.385%

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35	13.534	908	914	915	rBV	1344757	1777825	88.51%	5.215%
36	13.556	915	916	918	rVB	112592	101101	5.03%	0.297%
37	13.625	918	922	926	rBV3	124958	304757	15.17%	0.894%
38	13.751	928	933	935	rVV	285713	474045	23.60%	1.390%
39	13.819	937	939	941	rVV	127760	197855	9.85%	0.580%
40	13.865	941	943	945	rVV2	183652	304904	15.18%	0.894%
41	13.934	948	949	951	rVV2	65278	91307	4.55%	0.268%
42	13.979	951	953	954	rVV	136217	150255	7.48%	0.441%
43	14.014	954	956	958	rVV2	136220	199990	9.96%	0.587%
44	14.105	962	964	966	rVV3	44497	76191	3.79%	0.223%
45	14.185	969	971	972	rVV	44459	60017	2.99%	0.176%
46	14.219	972	974	975	rVV	53801	85038	4.23%	0.249%
47	14.242	975	976	980	rVV2	50957	118716	5.91%	0.348%
48	14.345	980	985	988	rVV	214013	358236	17.83%	1.051%
49	14.425	988	992	994	rVV3	43724	125402	6.24%	0.368%
50	14.482	994	997	999	rVV2	194866	391715	19.50%	1.149%
51	14.517	999	1000	1001	rVV	204980	169904	8.46%	0.498%
52	14.551	1001	1003	1005	rVV2	139029	314721	15.67%	0.923%
53	14.597	1005	1007	1010	rVV	241924	387520	19.29%	1.137%
54	14.688	1013	1015	1019	rVV2	64837	144104	7.17%	0.423%
55	14.779	1019	1023	1025	rVV	1214398	1951889	97.17%	5.725%
56	14.825	1025	1027	1032	rVV	903506	1120742	55.80%	3.287%
57	14.928	1032	1036	1038	rVV2	190278	335603	16.71%	0.984%
58	14.974	1038	1040	1043	rVV3	73084	236919	11.79%	0.695%
59	15.019	1043	1044	1046	rVV	99561	128949	6.42%	0.378%
60	15.065	1046	1048	1051	rVV	138253	233698	11.63%	0.685%
61	15.111	1051	1052	1054	rVV	50885	85954	4.28%	0.252%
62	15.202	1057	1060	1061	rVV2	56366	97019	4.83%	0.285%
63	15.237	1061	1063	1064	rVV	85122	107265	5.34%	0.315%
64	15.282	1064	1067	1069	rVV	207219	358706	17.86%	1.052%
65	15.328	1069	1071	1073	rVV	134025	190093	9.46%	0.558%
66	15.408	1073	1078	1080	rVV3	94227	285821	14.23%	0.838%
67	15.454	1080	1082	1083	rVV	112866	194849	9.70%	0.572%
68	15.477	1083	1084	1086	rVV2	128701	138498	6.90%	0.406%
69	15.545	1086	1090	1092	rVV3	64981	169782	8.45%	0.498%
70	15.602	1093	1095	1099	rVV2	57320	104848	5.22%	0.308%
71	15.682	1099	1102	1104	rVV2	74317	148397	7.39%	0.435%

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72	15.717	1104	1105	1110	rVV4	56787	165086	8.22%	0.484%
73	15.785	1110	1111	1113	rVV2	68223	105187	5.24%	0.309%
74	15.831	1113	1115	1118	rVV2	59446	106892	5.32%	0.314%
75	15.899	1118	1121	1128	rVV3	72127	276846	13.78%	0.812%
76	16.002	1128	1130	1132	rVV	50332	81186	4.04%	0.238%
77	16.048	1132	1134	1136	rVV	28921	44811	2.23%	0.131%
78	16.117	1137	1140	1147	rVV	674367	1697952	84.53%	4.980%
79	16.254	1150	1152	1155	rVV	126086	196307	9.77%	0.576%
80	16.380	1159	1163	1165	rBV3	47764	140130	6.98%	0.411%
81	16.437	1165	1168	1170	rVV	49172	107209	5.34%	0.314%
82	16.494	1170	1173	1177	rVB	377588	585046	29.13%	1.716%
83	16.574	1177	1180	1183	rBV	445523	763666	38.02%	2.240%
84	16.642	1183	1186	1188	rVV	283975	443763	22.09%	1.302%
85	16.688	1188	1190	1194	rVB2	149137	278910	13.89%	0.818%
86	16.860	1201	1205	1208	rBV4	27292	81386	4.05%	0.239%
87	17.100	1223	1226	1230	rVB2	37536	87701	4.37%	0.257%
88	17.191	1230	1234	1236	rBV2	23521	53301	2.65%	0.156%
89	17.248	1236	1239	1242	rBV	22853	53442	2.66%	0.157%
90	17.340	1245	1247	1252	rVB2	38505	71978	3.58%	0.211%
91	18.265	1320	1328	1335	rBV4	46005	217664	10.84%	0.638%
92	18.403	1337	1340	1342	rVV	17199	42519	2.12%	0.125%
93	18.460	1342	1345	1351	rVV2	189137	472456	23.52%	1.386%
94	18.688	1361	1365	1368	rVV	42803	89571	4.46%	0.263%
95	18.757	1368	1371	1373	rVV2	33638	76892	3.83%	0.226%
96	18.814	1373	1376	1381	rVB5	24774	73132	3.64%	0.215%
97	19.008	1389	1393	1401	rBV	148872	387662	19.30%	1.137%
98	19.214	1405	1411	1415	rBV6	10499	41605	2.07%	0.122%
99	19.306	1415	1419	1423	rBV	29883	69575	3.46%	0.204%
100	19.980	1474	1478	1484	rVB2	14246	47563	2.37%	0.140%

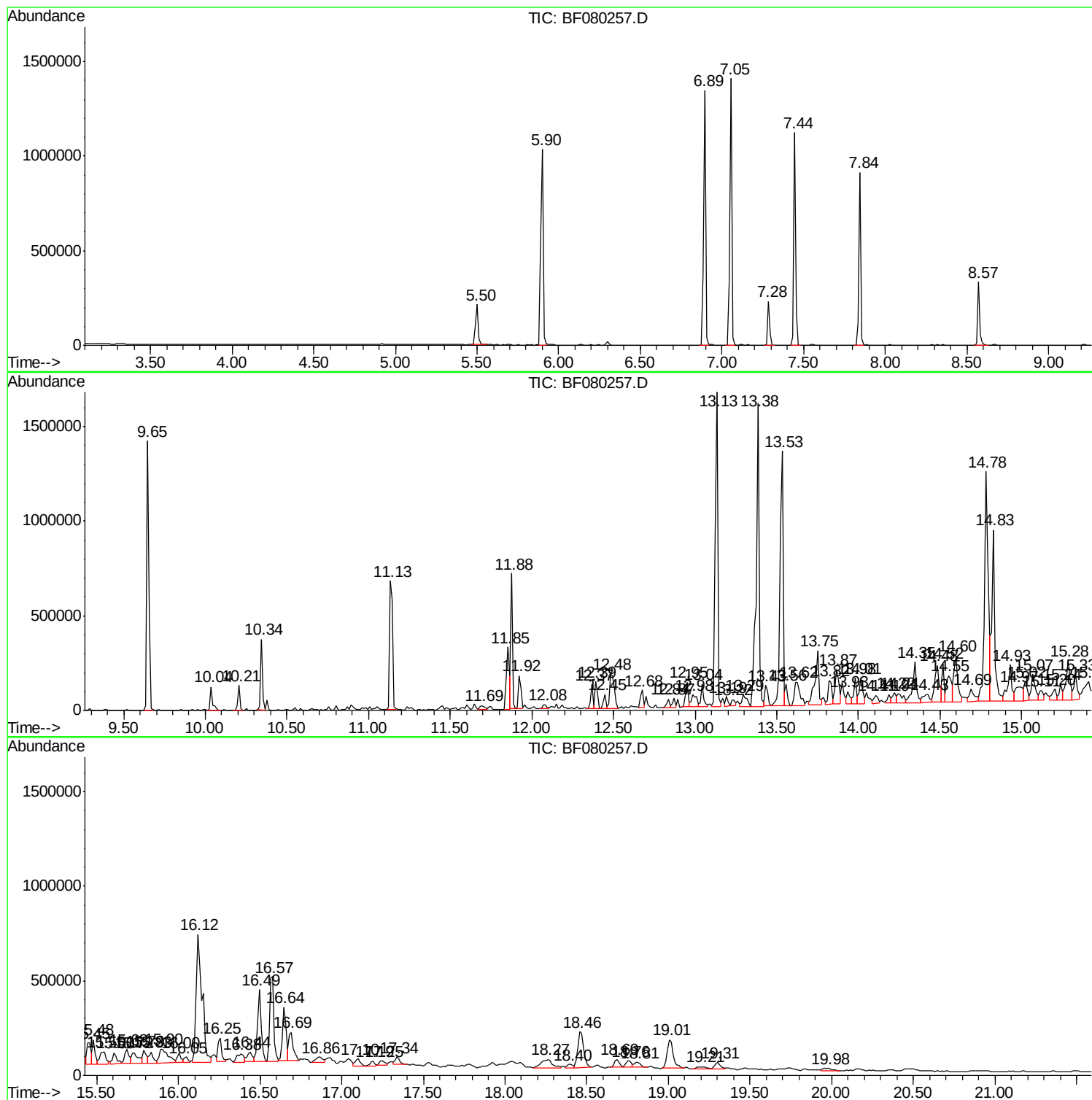
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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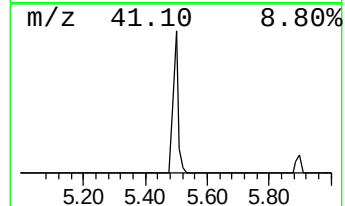
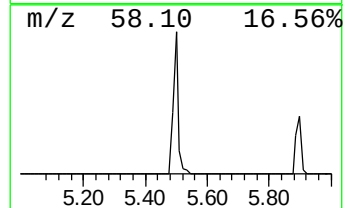
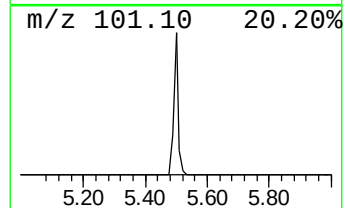
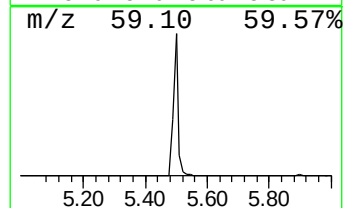
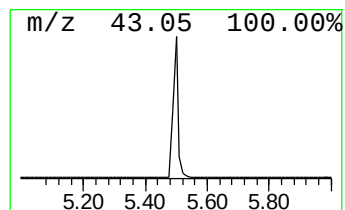
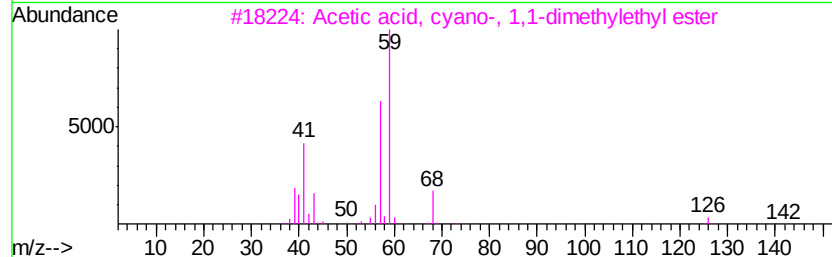
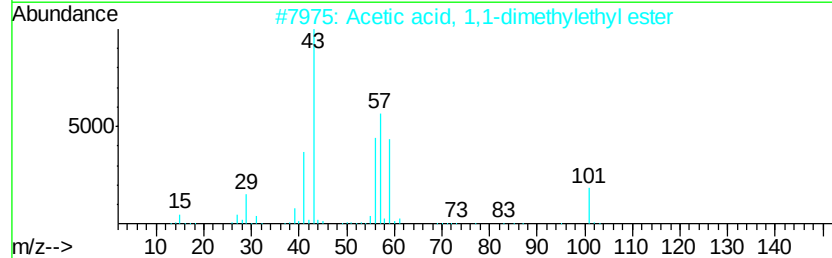
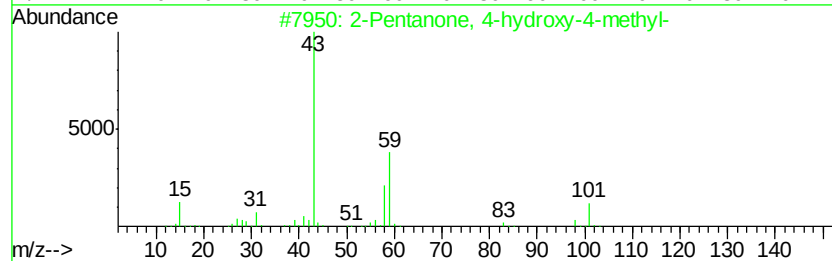
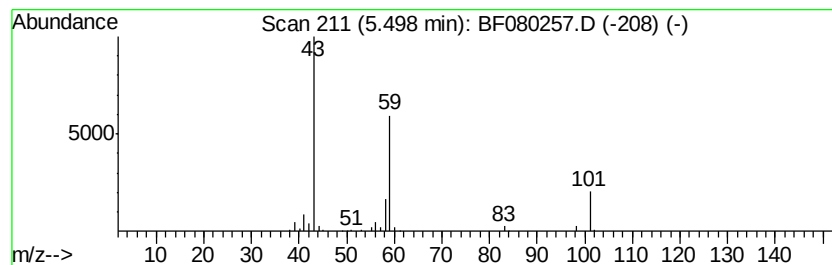
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	24.02 ng	238913	1,4-Dichlorobenzene-d4	7.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Acetone	58	C3H6O	000067-64-1	9



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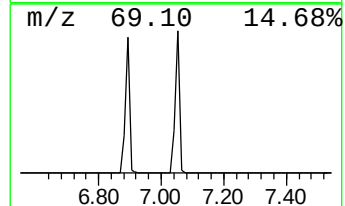
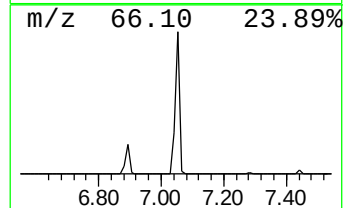
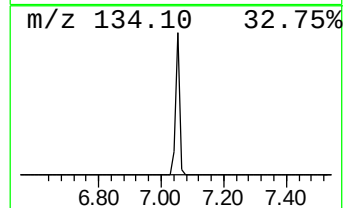
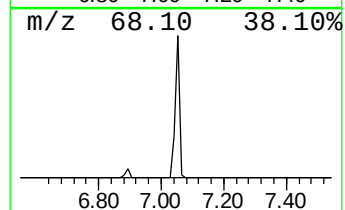
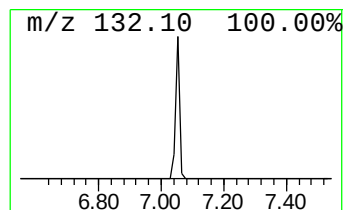
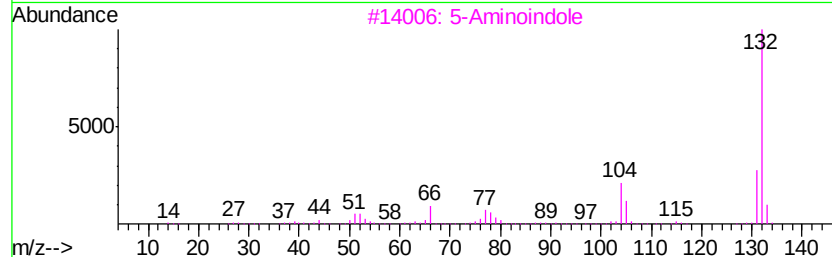
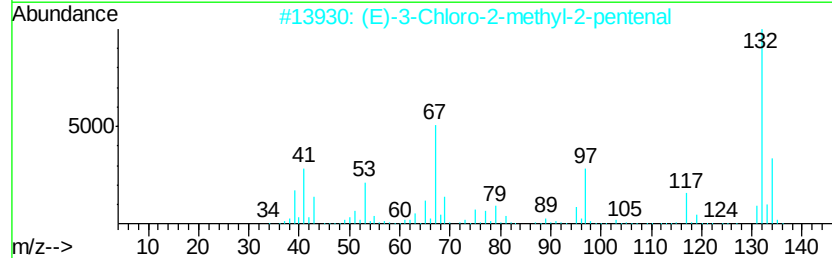
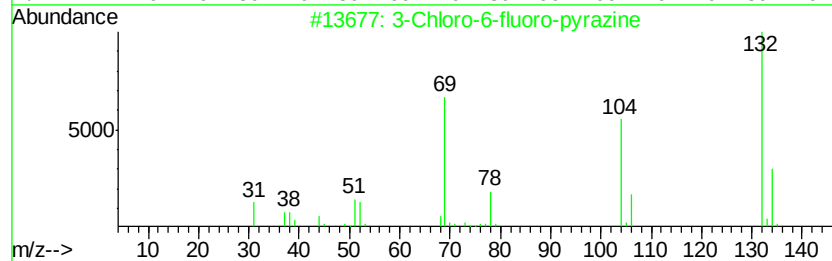
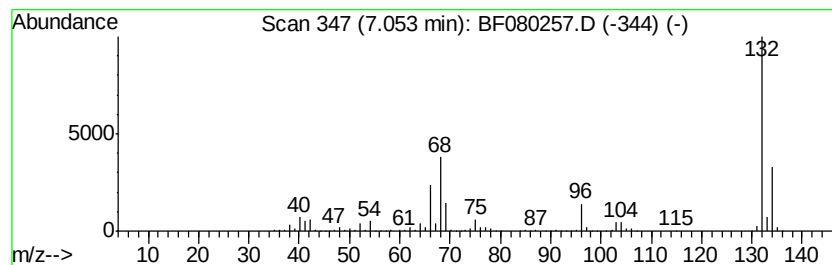
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	122.90 ng	1222460	1,4-Dichlorobenzene-d4	7.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Amphetaminil	250	C17H18N2	017590-01-1	10
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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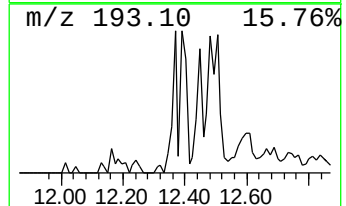
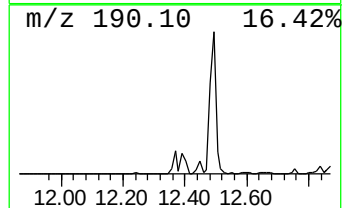
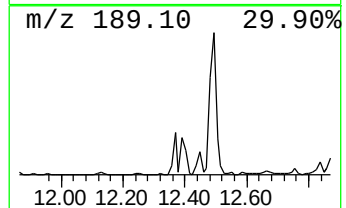
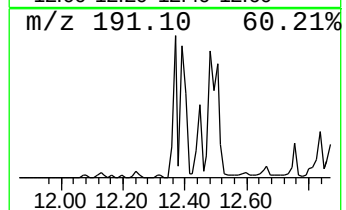
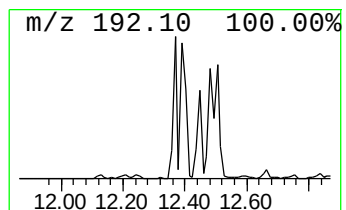
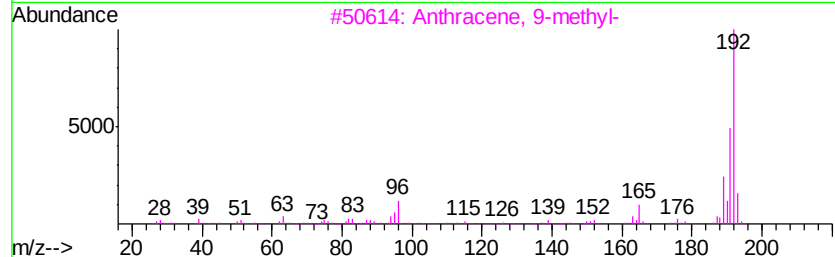
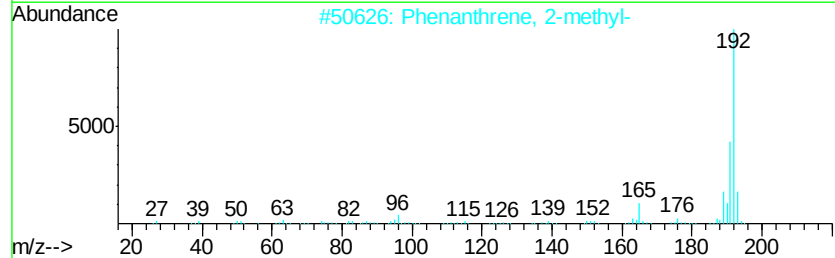
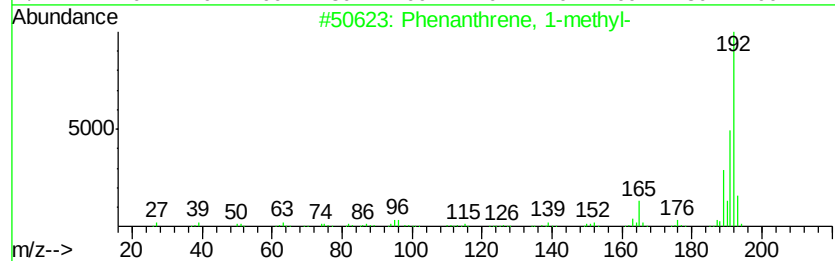
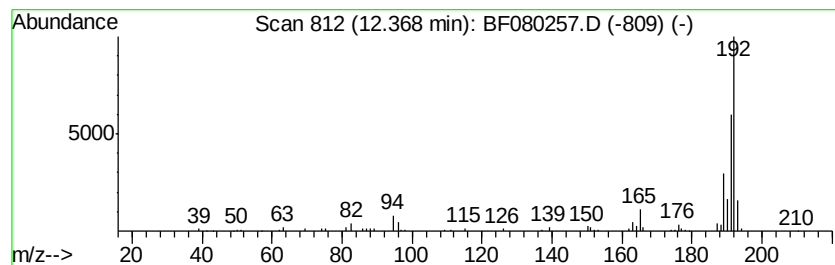
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Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	5.15 ng	117201	Phenanthrene-d10	11.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080257.D
Acq On : 1 Jul 2015 3:12
Operator : TP/IZ
Sample : G2838-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-B7

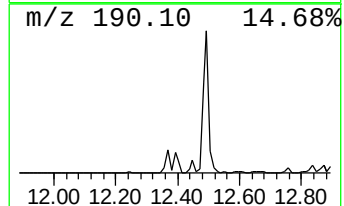
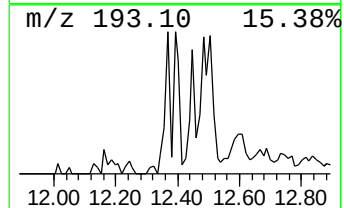
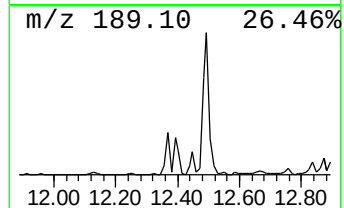
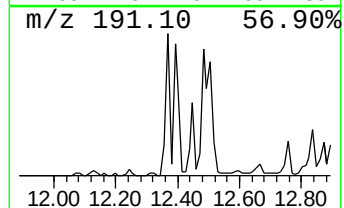
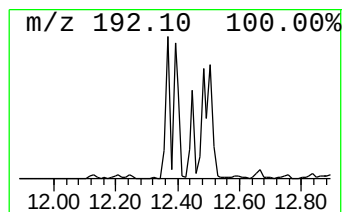
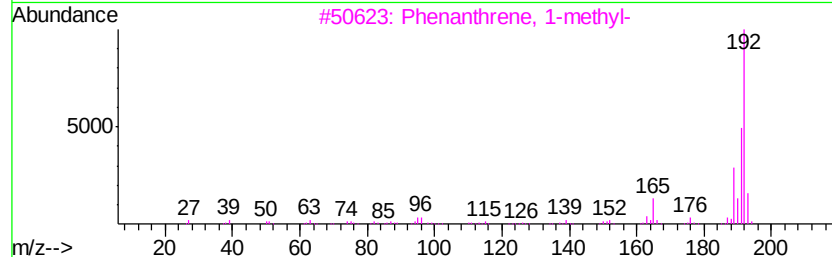
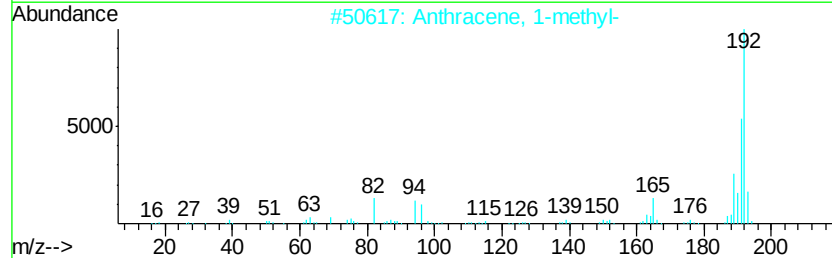
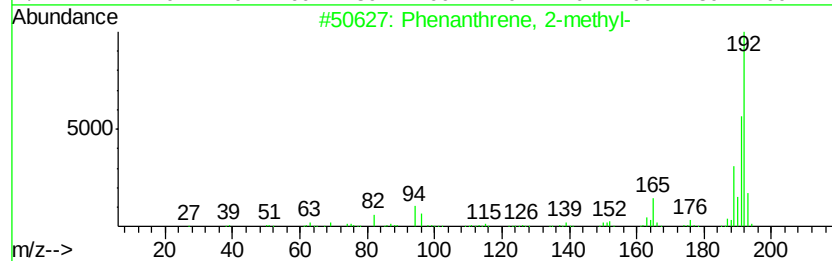
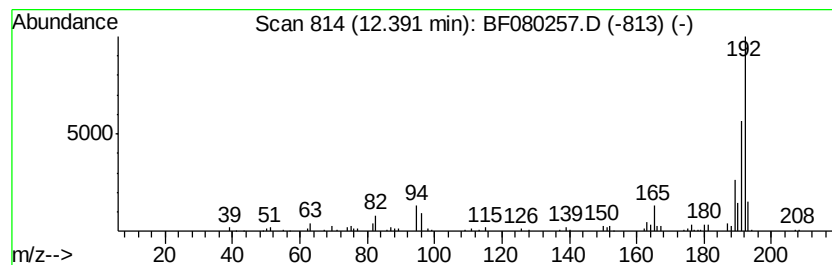
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	6.70 ng	152391	Phenanthrene-d10	11.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080257.D
Acq On : 1 Jul 2015 3:12
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Sample : G2838-05
Misc :
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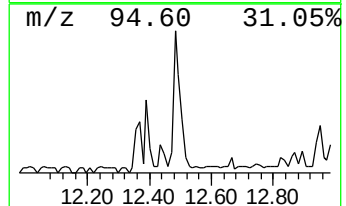
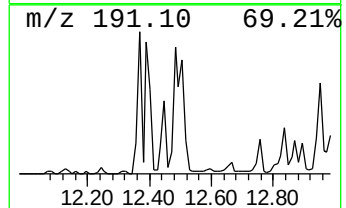
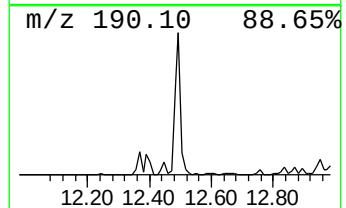
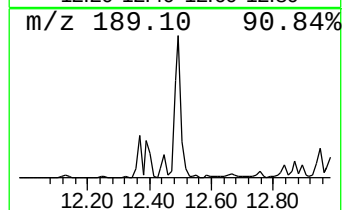
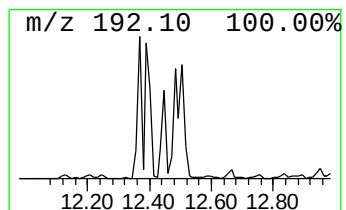
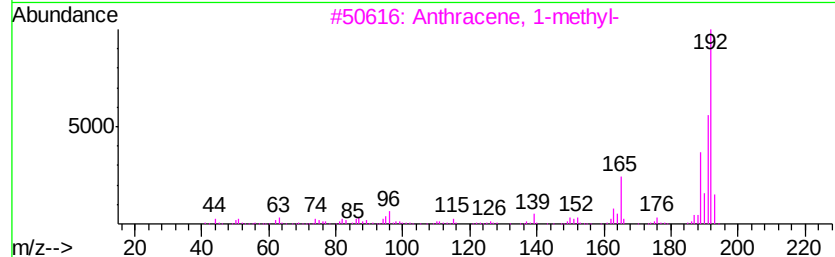
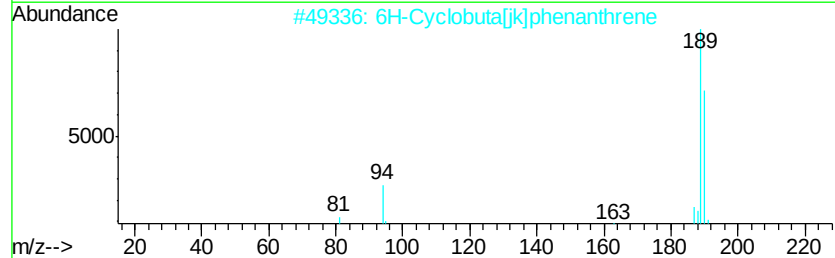
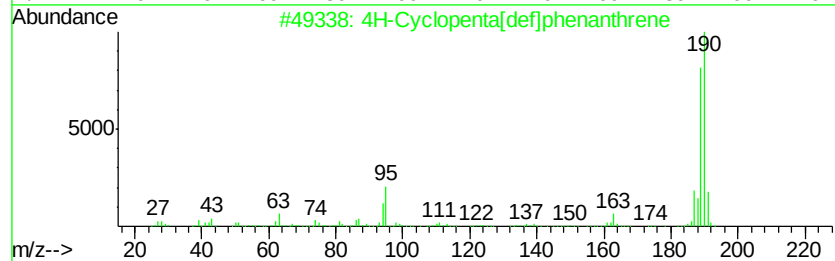
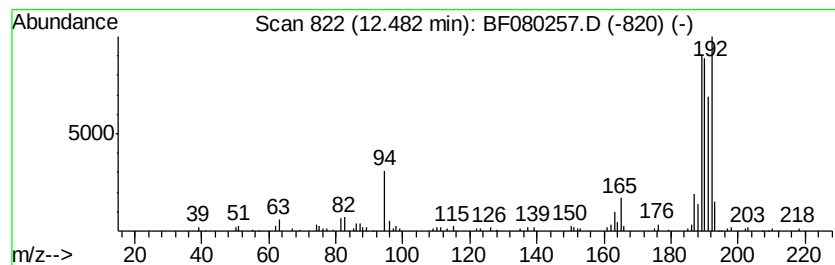
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.48	15.59 ng	354937	Phenanthrene-d10	11.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080257.D
Acq On : 1 Jul 2015 3:12
Operator : TP/IZ
Sample : G2838-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

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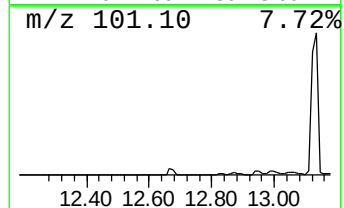
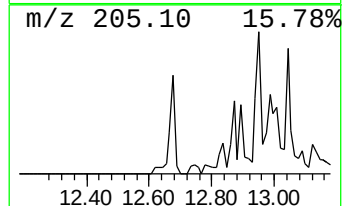
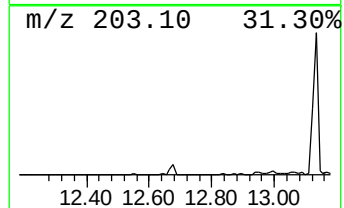
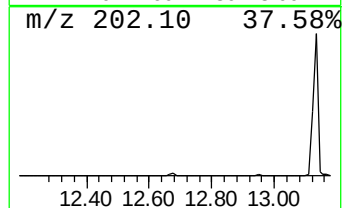
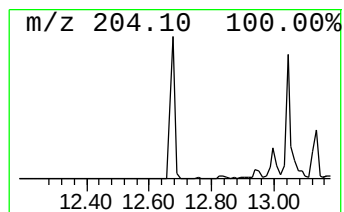
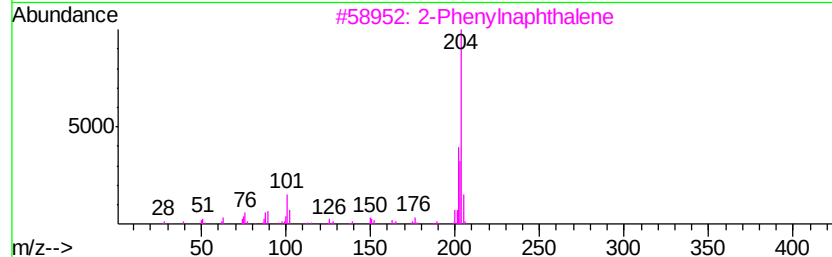
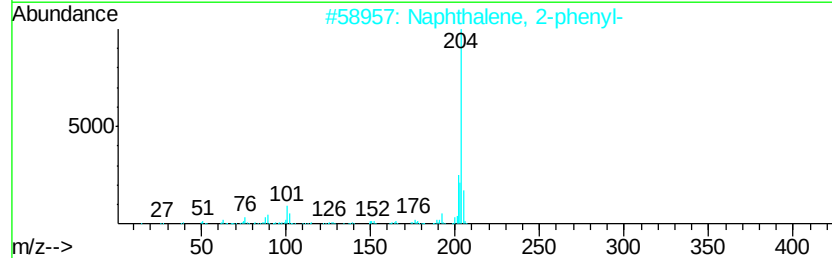
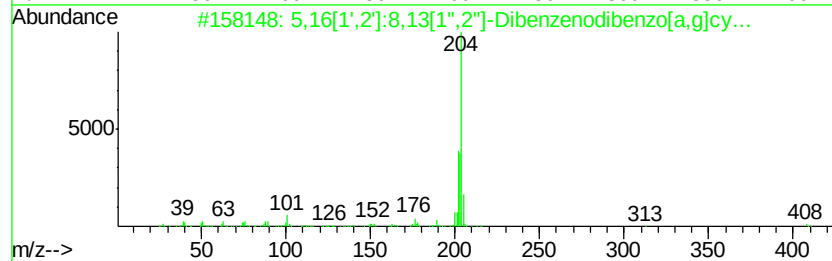
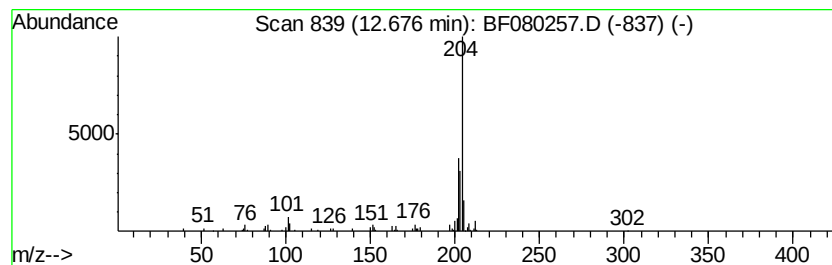
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	4.99 ng	113551	Phenanthrene-d10	11.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24		005672-97-9	83
2	Naphthalene, 2-phenyl-	204	C16H12		000612-94-2	70
3	2-Phenylnaphthalene	204	C16H12		035465-71-5	70
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO		000607-12-5	53
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12		006572-60-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080257.D
Acq On : 1 Jul 2015 3:12
Operator : TP/IZ
Sample : G2838-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

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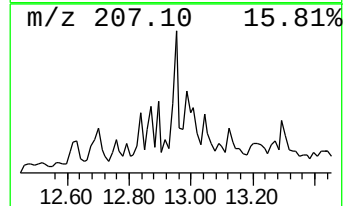
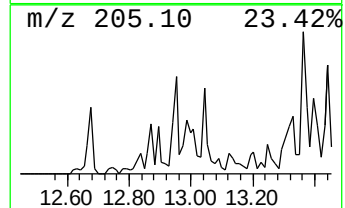
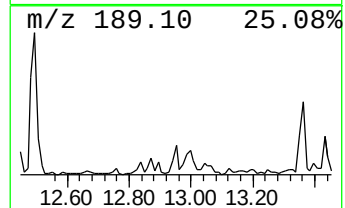
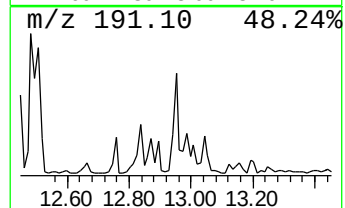
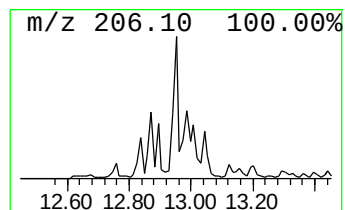
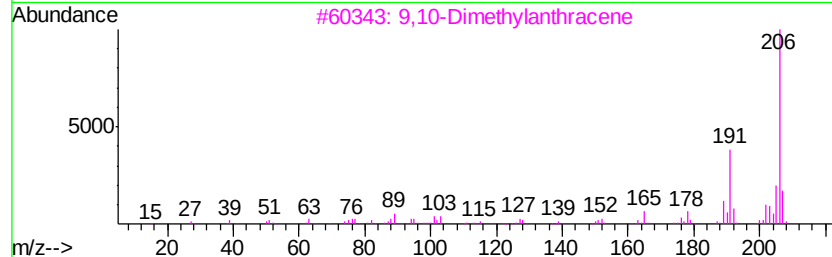
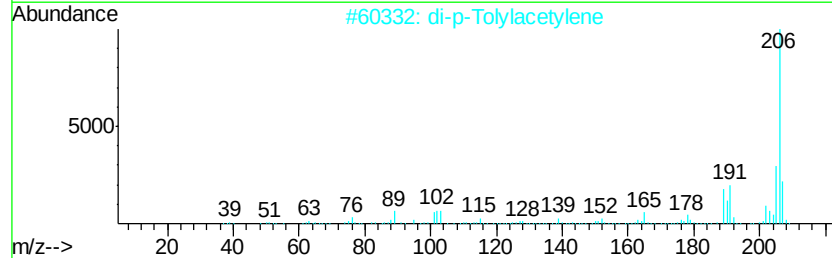
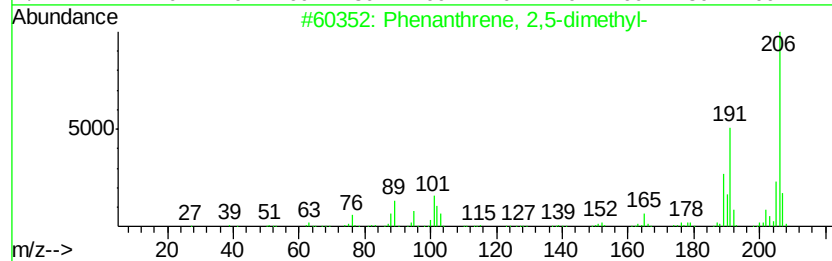
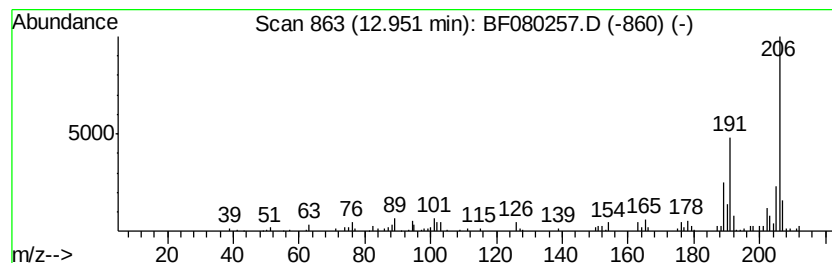
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	6.78 ng	154360	Phenanthrene-d10	11.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	94
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080257.D
Acq On : 1 Jul 2015 3:12
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Misc :
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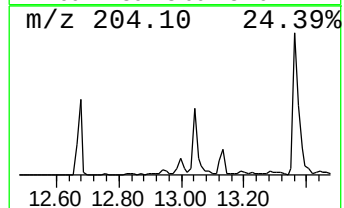
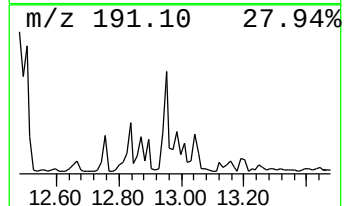
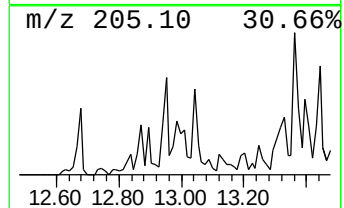
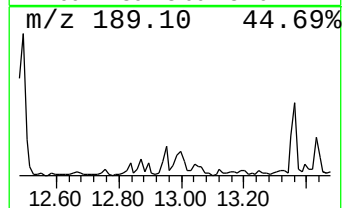
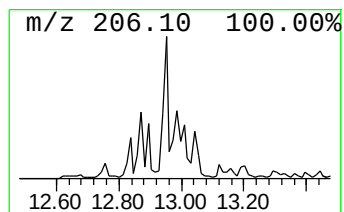
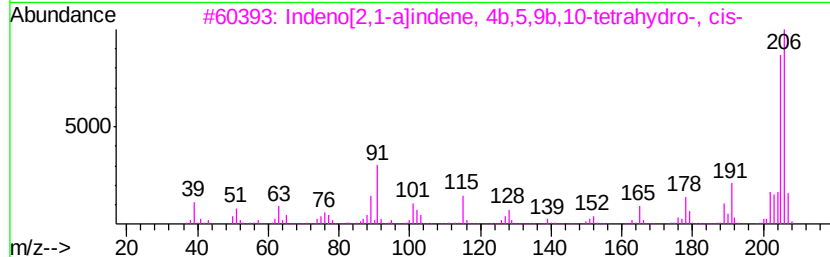
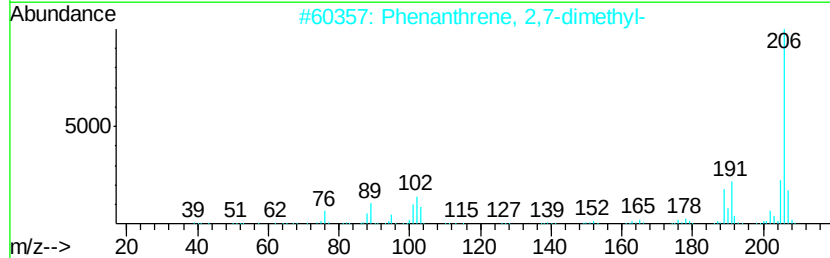
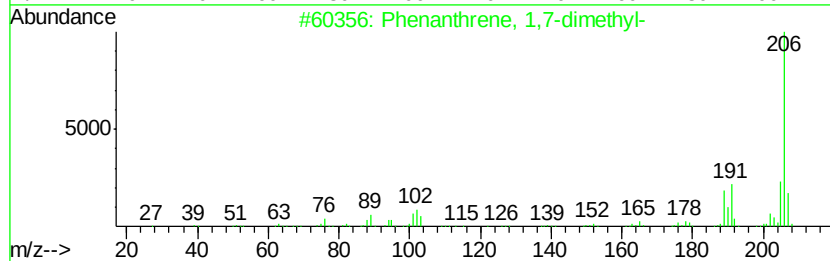
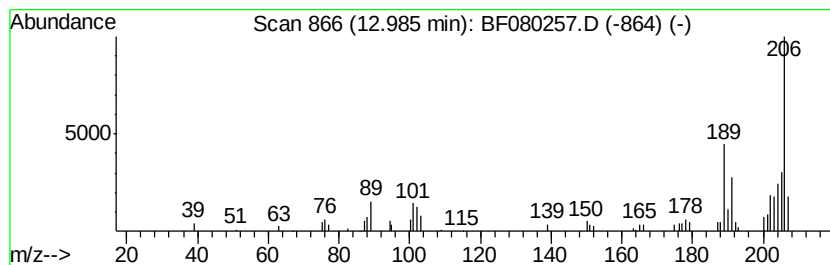
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	6.24 ng	142076	Phenanthrene-d10	11.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
2		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
3		Indeno[2,1-a]indene, 4b,5,9b,10-...	206	C16H14	016293-79-1	70
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080257.D
Acq On : 1 Jul 2015 3:12
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Sample : G2838-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

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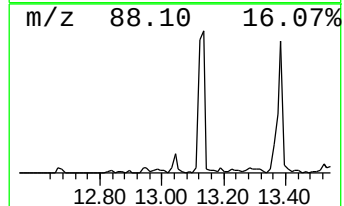
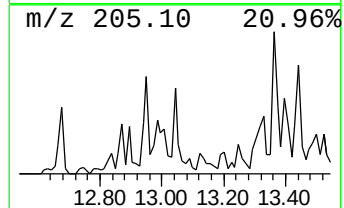
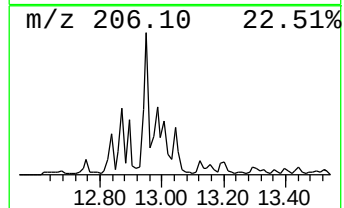
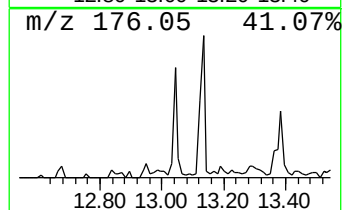
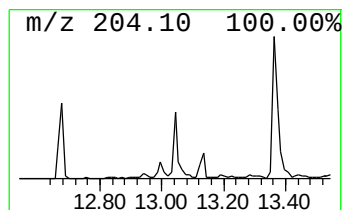
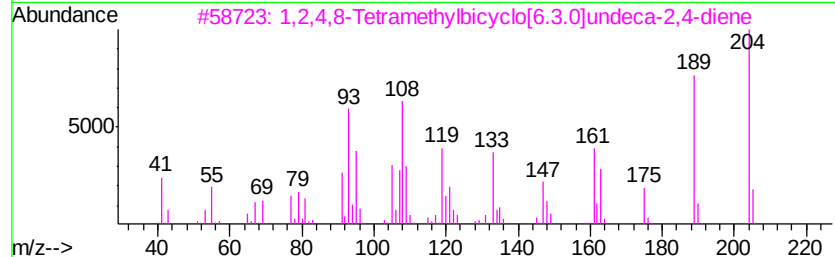
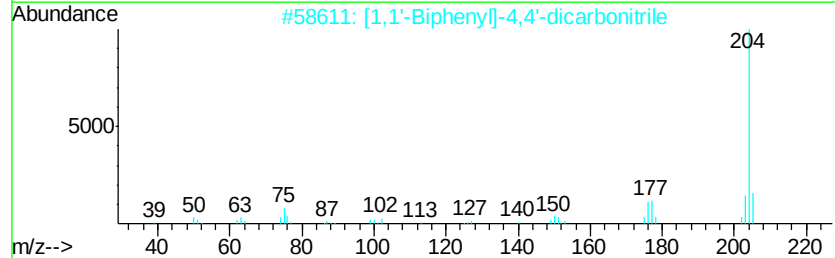
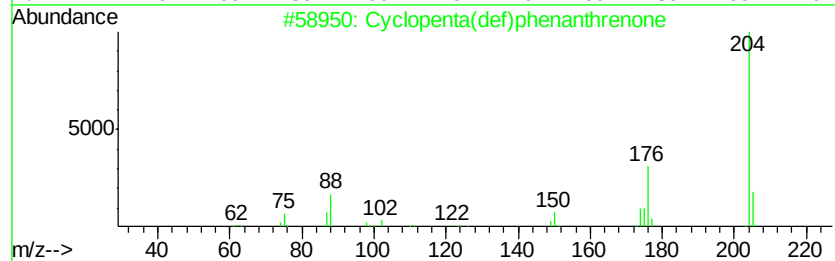
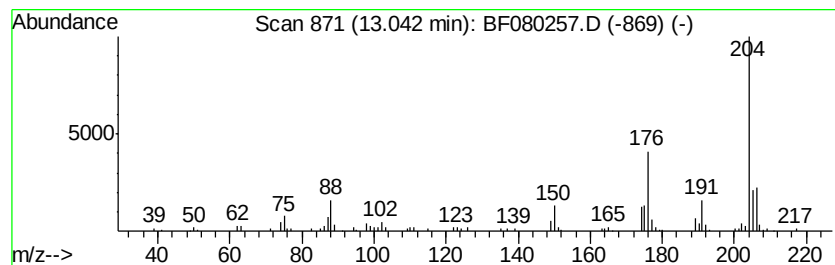
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	6.13 ng	139464	Phenanthrene-d10	11.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080257.D
Acq On : 1 Jul 2015 3:12
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Sample : G2838-05
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ALS Vial : 25 Sample Multiplier: 1

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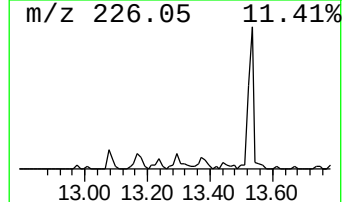
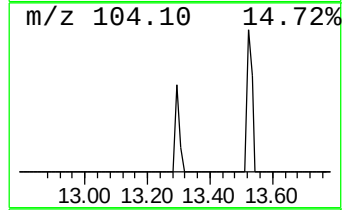
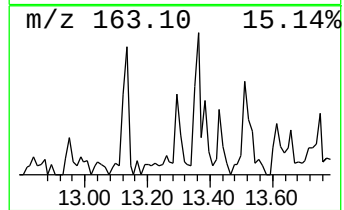
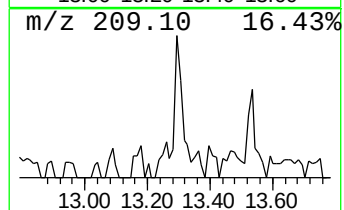
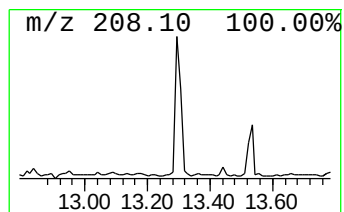
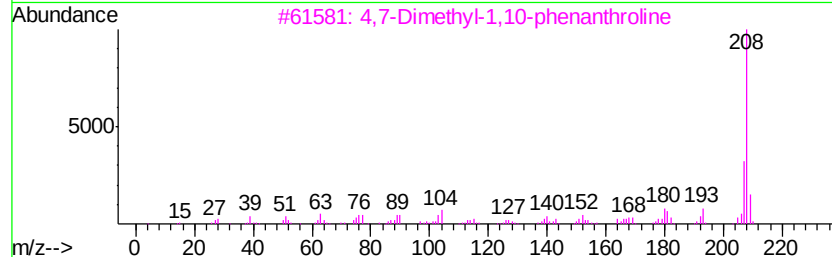
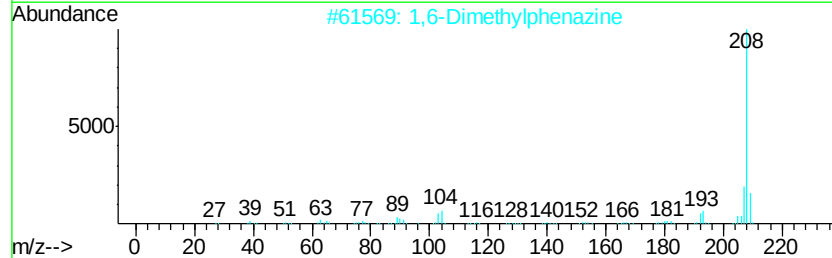
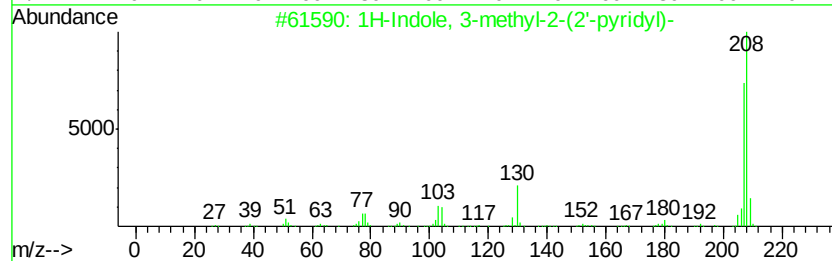
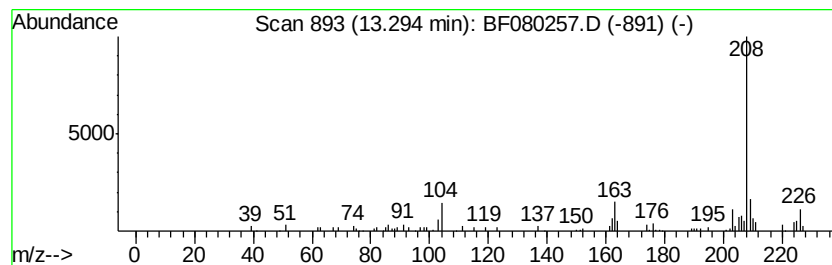
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1H-Indole, 3-methyl-2-(2'-p... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	5.58 ng	126944	Phenanthrene-d10	11.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indole, 3-methyl-2-(2'-pyridyl)-	208	C14H12N2	000951-25-7	58
2			1,6-Dimethylphenazine	208	C14H12N2	058718-43-7	53
3			4,7-Dimethyl-1,10-phenanthroline	208	C14H12N2	003248-05-3	53
4			5-Methyl-3-phenyl-1H-indazole	208	C14H12N2	057614-16-1	50
5			1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
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Sample : G2838-05
Misc :
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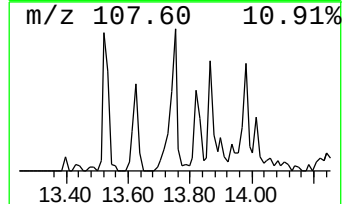
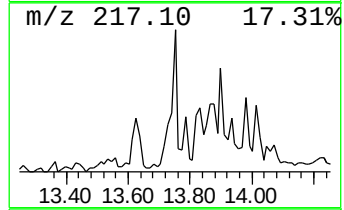
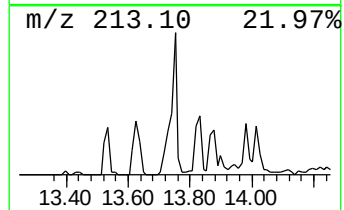
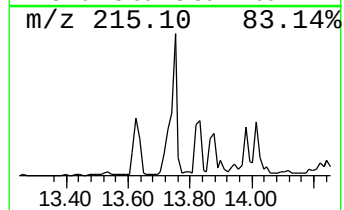
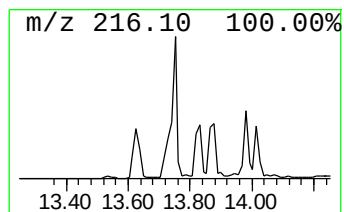
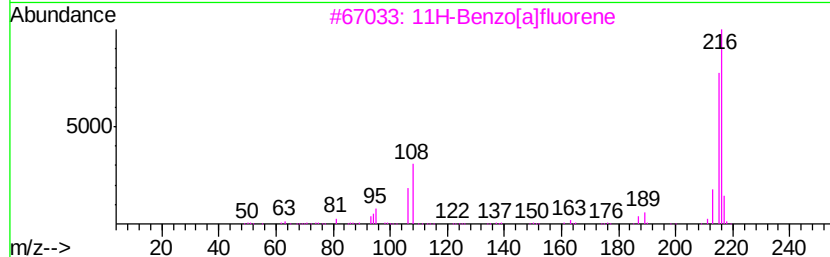
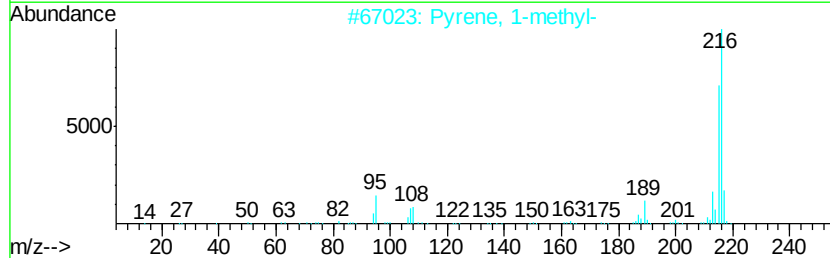
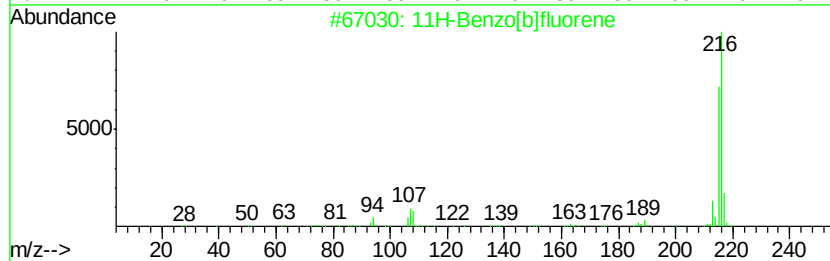
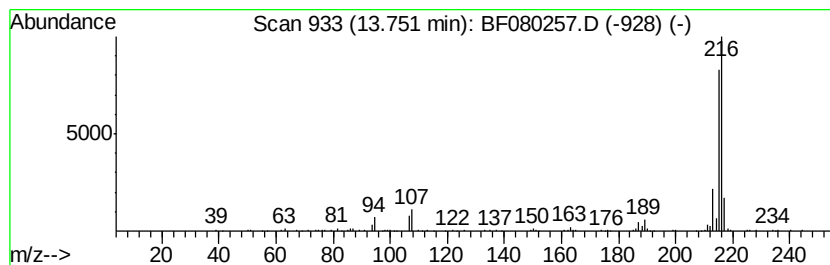
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.75	4.86 ng	474045	Chrysene-d12	14.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080257.D
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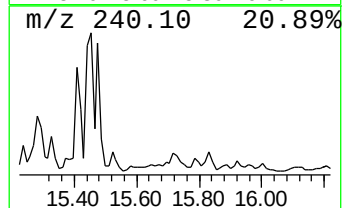
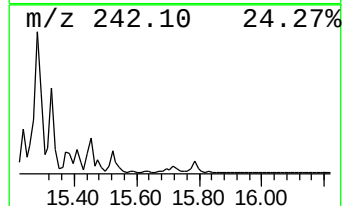
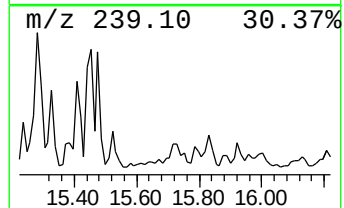
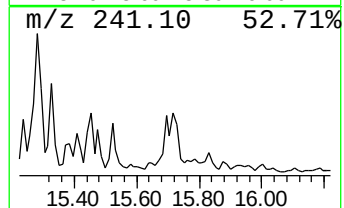
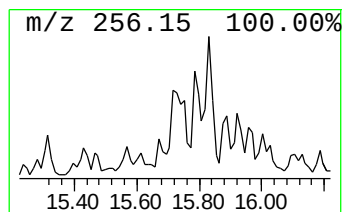
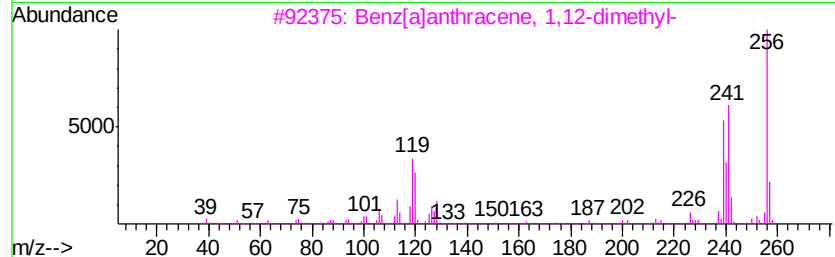
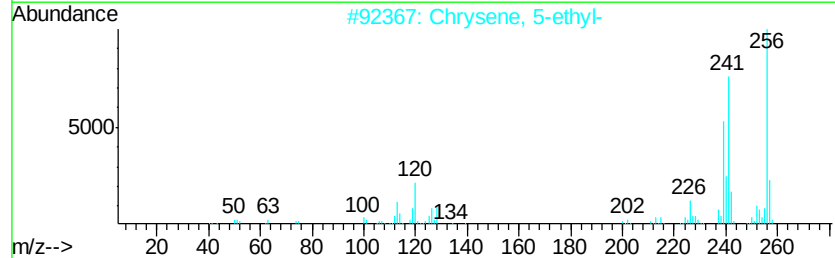
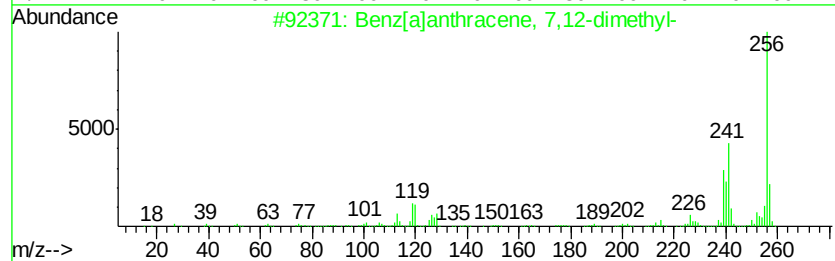
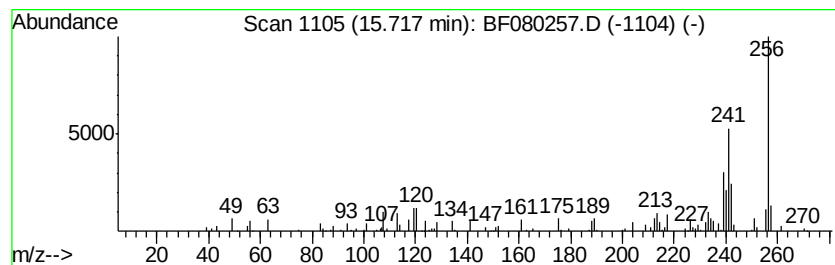
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benz[a]anthracene, 7,12-dim... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	7.44 ng	165086	Perylene-d12	16.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	90
2			Chrysene, 5-ethyl-	256	C20H16	054986-62-8	87
3			Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	64
4			Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	47
5			Phenol, 4,4'-methylenebis[2,6-di...	256	C17H20O2	005384-21-4	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080257.D
Acq On : 1 Jul 2015 3:12
Operator : TP/IZ
Sample : G2838-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

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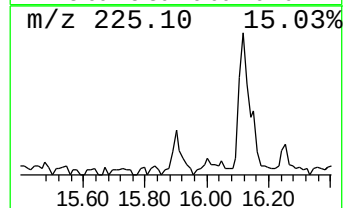
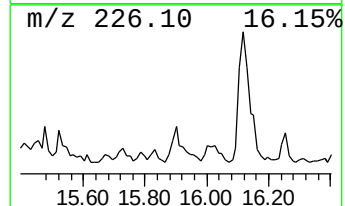
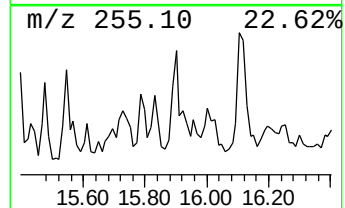
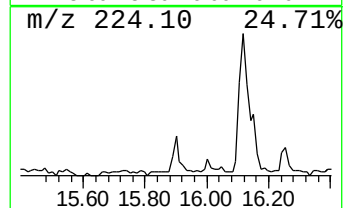
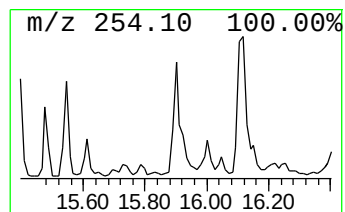
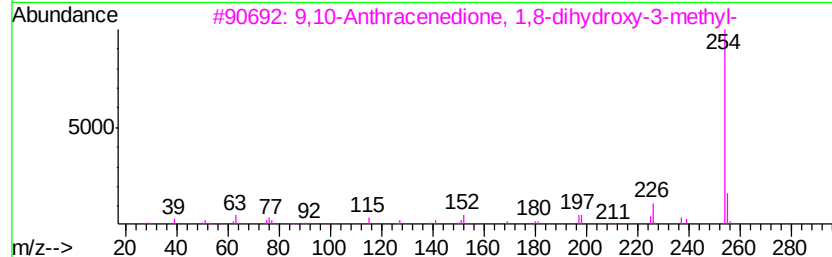
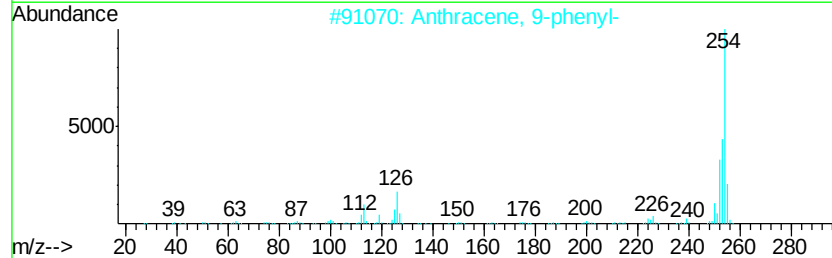
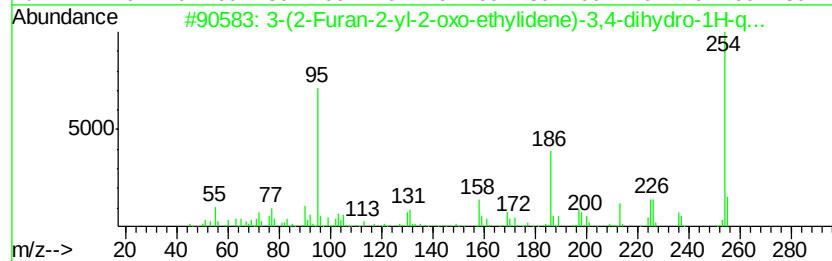
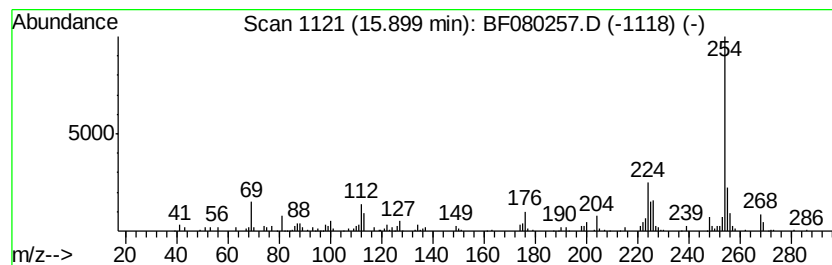
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 3-(2-Furan-2-yl-2-oxo-ethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	12.48 ng	276846	Perylene-d12	16.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(2-Furan-2-yl-2-oxo-ethylidene...	254	C14H10N2O3	1000297-32-1	53
2		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	53
3		9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	50
4		2-Hydroxy-4-methyl-5-(p-tolylazo...	254	C15H14N2O2	066777-90-0	50
5		Chrysin	254	C15H10O4	000480-40-0	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
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Acq On : 1 Jul 2015 3:12
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Sample : G2838-05
Misc :
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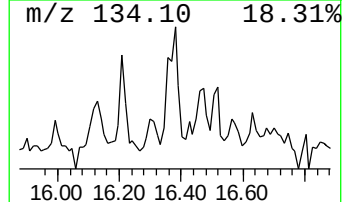
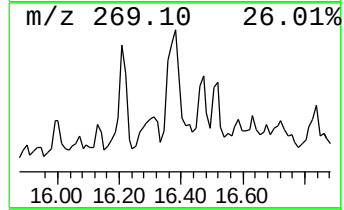
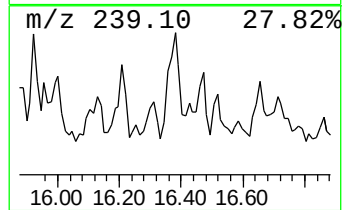
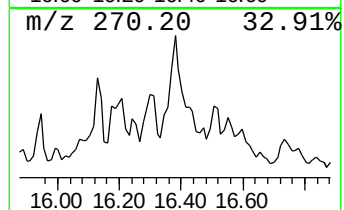
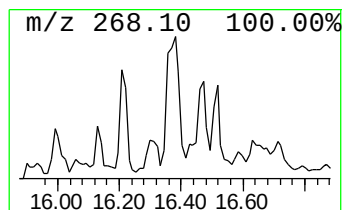
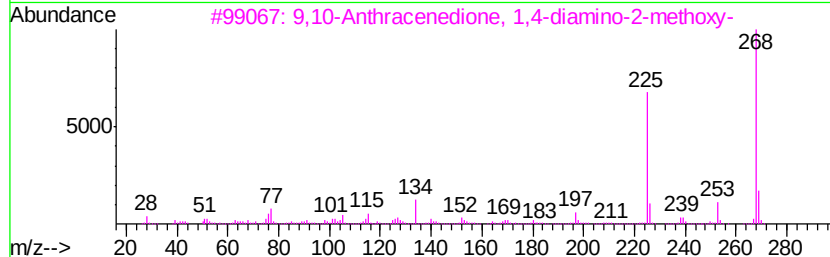
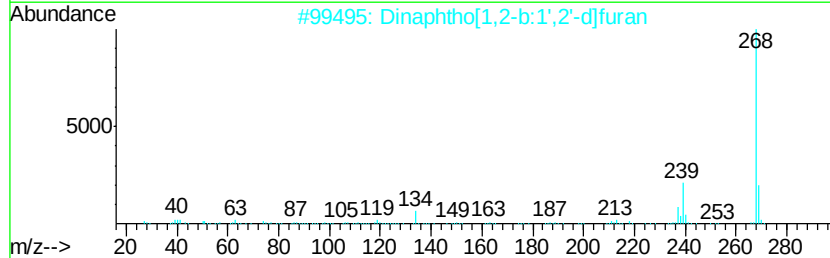
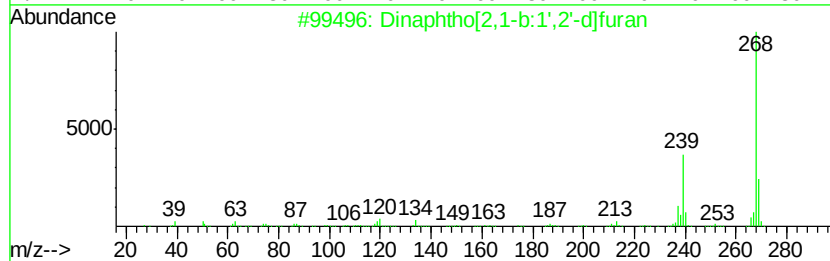
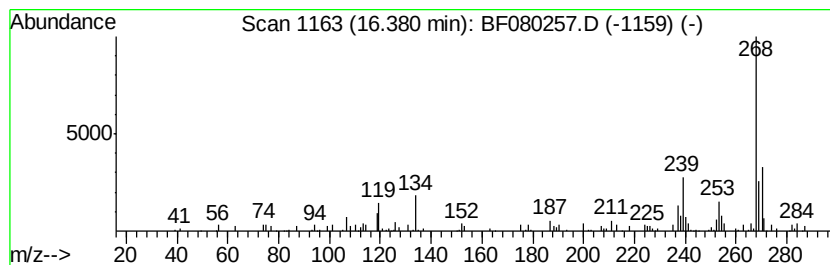
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Dinaphtho[2,1-b:1',2'-d]furan Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.38	6.32 ng	140130	Perylene-d12	16.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	68
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	62
3	9,10-Anthracenedione, 1,4-diamin...	268	C15H12N2O3	002872-48-2	50
4	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	50
5	trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080257.D
Acq On : 1 Jul 2015 3:12
Operator : TP/IZ
Sample : G2838-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

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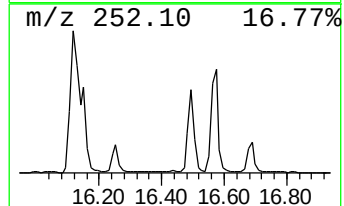
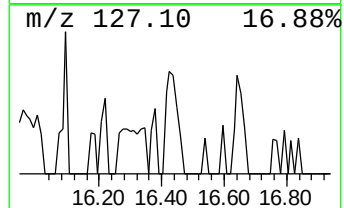
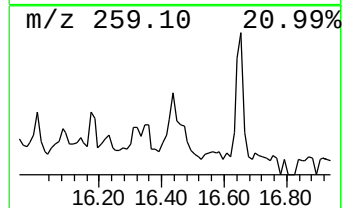
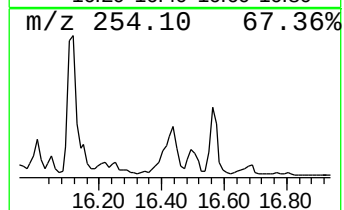
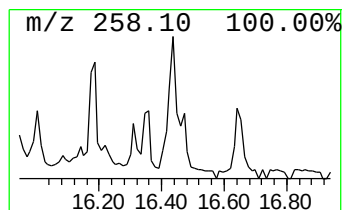
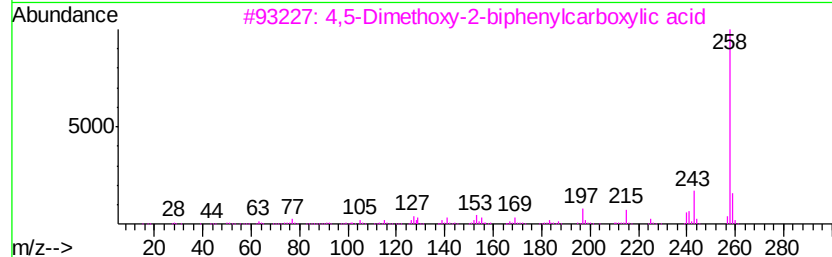
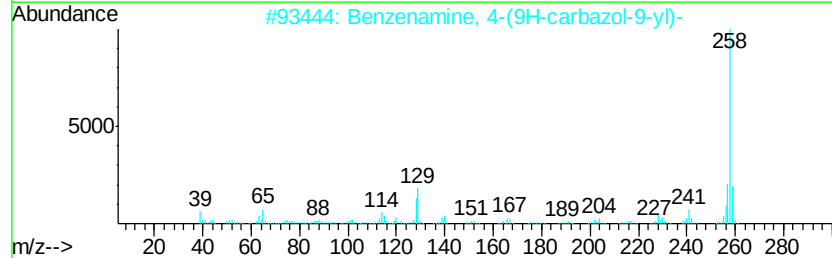
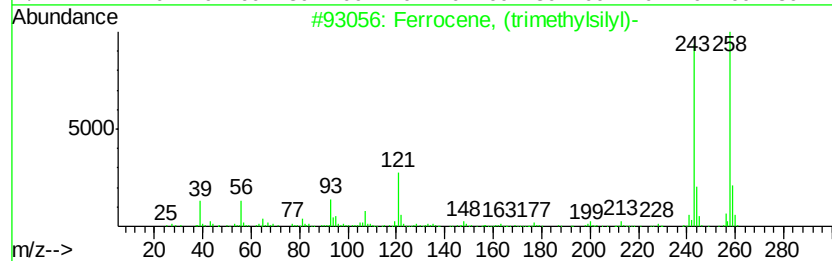
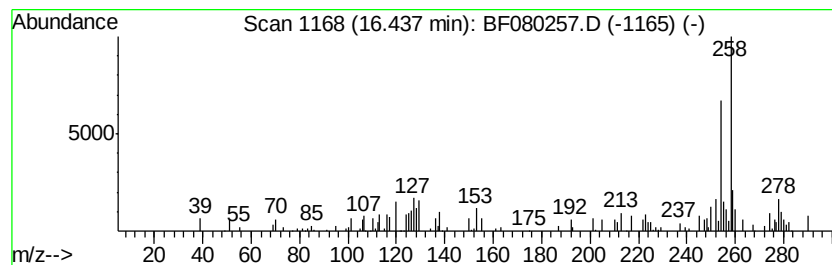
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown16.44 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	4.83 ng	107209	Perylene-d12	16.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ferrocene, (trimethylsilyl)-	258	C13H18FeSi	012215-68-8	43
2			Benzenamine, 4-(9H-carbazol-9-yl)-	258	C18H14N2	052708-37-9	38
3			4,5-Dimethoxy-2-biphenylcarboxyl...	258	C15H14O4	162137-38-4	38
4			2H-Pyran-2-one, 4-methoxy-6-[(E)...	258	C15H14O4	013709-16-5	35
5			2-Bromophenazine	258	C12H7BrN2	003331-28-0	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
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Acq On : 1 Jul 2015 3:12
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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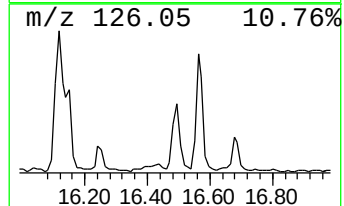
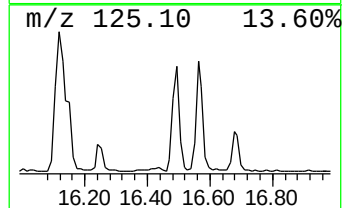
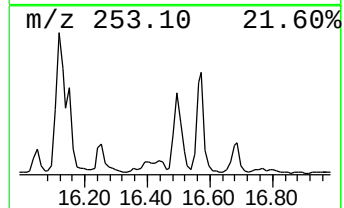
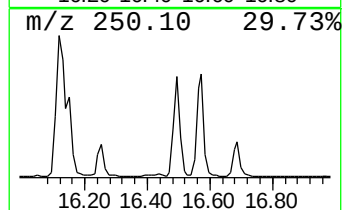
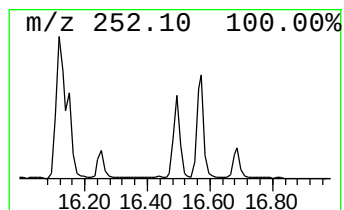
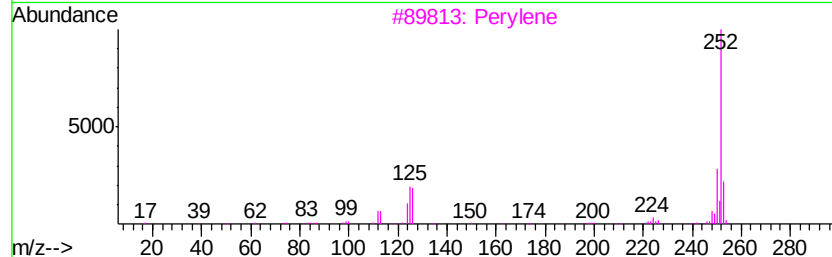
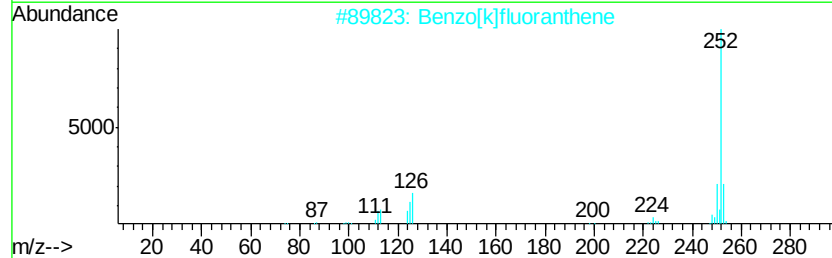
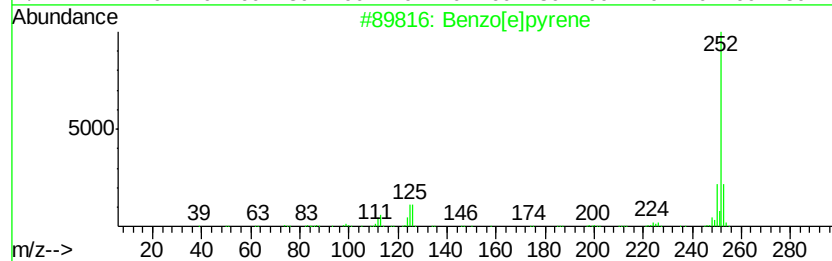
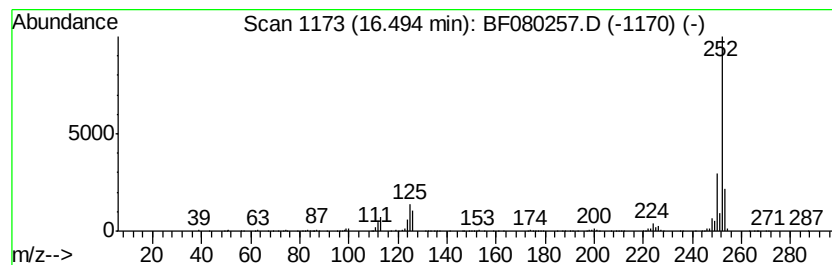
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	26.37 ng	585046	Perylene-d12	16.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	97
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
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 Acq On : 1 Jul 2015 3:12
 Operator : TP/IZ
 Sample : G2838-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.50	24.0	ng	238913	1	7.28	198931	20.0
unknown7.05	7.05	122.9	ng	1222460	1	7.28	198931	20.0
Phenanthrene, 1-m...	12.37	5.2	ng	117201	4	11.85	455206	20.0
Phenanthrene, 2-m...	12.39	6.7	ng	152391	4	11.85	455206	20.0
4H-Cyclopenta[def...	12.48	15.6	ng	354937	4	11.85	455206	20.0
5,16[1',2']:8,13[...	12.68	5.0	ng	113551	4	11.85	455206	20.0
Phenanthrene, 2,5...	12.95	6.8	ng	154360	4	11.85	455206	20.0
Phenanthrene, 1,7...	12.98	6.2	ng	142076	4	11.85	455206	20.0
Cyclopenta(def)ph...	13.04	6.1	ng	139464	4	11.85	455206	20.0
1H-Indole, 3-meth...	13.29	5.6	ng	126944	4	11.85	455206	20.0
11H-Benzo[b]fluorene	13.75	4.9	ng	474045	5	14.79	1951890	20.0
Benz[a]anthracene...	15.72	7.4	ng	165086	6	16.64	443763	20.0
3-(2-Furan-2-yl-2...	15.90	12.5	ng	276846	6	16.64	443763	20.0
Dinaphtho[2,1-b:1...	16.38	6.3	ng	140130	6	16.64	443763	20.0
unknown16.44	16.44	4.8	ng	107209	6	16.64	443763	20.0
Benzo[e]pyrene	16.49	26.4	ng	585046	6	16.64	443763	20.0