

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
 Data File : BF081764.D
 Acq On : 23 Sep 2015 10:05
 Operator : UM/IZ
 Sample : G3748-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP205-10-12

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-BF090115.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	1.212	9	11	14	rVB	769708	873439	3.23%	0.373%
2	1.521	36	38	80	rVB	874152	3067784	11.36%	1.312%
3	4.413	286	291	303	rBV	226780	684088	2.53%	0.292%
4	5.293	366	368	377	rBV	539303	1122064	4.16%	0.480%
5	5.601	392	395	409	rVB2	259081	597859	2.21%	0.256%
6	7.579	562	568	572	rBV	651273	1272367	4.71%	0.544%
7	7.659	572	575	581	rVB	721099	1305494	4.83%	0.558%
8	7.773	581	585	587	rBV	354225	688865	2.55%	0.295%
9	8.470	642	646	648	rVV	454366	980811	3.63%	0.419%
10	8.527	648	651	654	rVB	1166100	2371217	8.78%	1.014%
11	8.699	663	666	670	rBV	333716	666126	2.47%	0.285%
12	9.442	724	731	738	rVB2	481505	1445806	5.35%	0.618%
13	10.128	787	791	795	rBV	378629	762085	2.82%	0.326%
14	10.333	805	809	815	rVB	340014	709622	2.63%	0.303%
15	10.493	818	823	824	rBV2	220655	553905	2.05%	0.237%
16	10.585	828	831	833	rBV	248274	556876	2.06%	0.238%
17	11.202	867	885	887	rBV	4481788	27004084	100.00%	11.546%
18	11.259	887	890	892	rVV	908156	1456796	5.39%	0.623%
19	12.208	970	973	976	rVV2	201510	594777	2.20%	0.254%
20	12.299	976	981	986	rVV2	253138	826933	3.06%	0.354%
21	12.619	1005	1009	1015	rVV	234778	755722	2.80%	0.323%
22	12.825	1015	1027	1030	rVV	3432575	13882736	51.41%	5.936%
23	13.042	1036	1046	1049	rVV	3081541	11897993	44.06%	5.087%
24	13.694	1099	1103	1106	rVB	808668	1478908	5.48%	0.632%
25	13.911	1115	1122	1125	rBV	1238494	2284927	8.46%	0.977%
26	14.037	1125	1133	1135	rBV2	217303	510205	1.89%	0.218%
27	14.105	1135	1139	1145	rVB	955170	2394935	8.87%	1.024%
28	14.299	1145	1156	1158	rBV2	1280865	4633794	17.16%	1.981%
29	14.471	1163	1171	1173	rBV	1775223	5784054	21.42%	2.473%
30	14.528	1173	1176	1178	rVV2	1632147	2837349	10.51%	1.213%
31	14.597	1178	1182	1185	rVB2	255631	610679	2.26%	0.261%
32	14.722	1185	1193	1201	rVB	842888	3112195	11.52%	1.331%
33	14.860	1201	1205	1206	rBV	932027	1711410	6.34%	0.732%
34	14.894	1206	1208	1211	rVB	959383	1527812	5.66%	0.653%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.282	1236	1242	1246	rBV2	2040450	5990571	22.18%	2.561%
36	15.385	1247	1251	1257	rVB4	361770	1030463	3.82%	0.441%
37	15.511	1257	1262	1267	rBV2	411113	1294439	4.79%	0.553%
38	15.682	1274	1277	1281	rBV2	551115	1370973	5.08%	0.586%
39	15.762	1281	1284	1286	rVB	512274	889761	3.29%	0.380%
40	15.842	1286	1291	1294	rBV	470826	910582	3.37%	0.389%
41	16.014	1301	1306	1309	rBV	635938	1350134	5.00%	0.577%
42	16.083	1309	1312	1314	rVB	423549	694099	2.57%	0.297%
43	16.265	1323	1328	1332	rVB4	508647	1691369	6.26%	0.723%
44	16.425	1338	1342	1345	rBV	355271	871124	3.23%	0.372%
45	16.551	1345	1353	1355	rVV2	2114645	6323017	23.42%	2.704%
46	16.643	1358	1361	1365	rBV3	382532	1052459	3.90%	0.450%
47	16.745	1365	1370	1374	rVV4	289227	1060378	3.93%	0.453%
48	16.917	1382	1385	1388	rBV	446189	791031	2.93%	0.338%
49	17.020	1391	1394	1397	rVB	469693	745144	2.76%	0.319%
50	17.100	1397	1401	1405	rVB3	564290	1299376	4.81%	0.556%
51	17.728	1453	1456	1460	rVV3	160877	551315	2.04%	0.236%
52	17.831	1460	1465	1468	rVV2	621974	1903159	7.05%	0.814%
53	17.900	1468	1471	1475	rVV	623835	1278563	4.73%	0.547%
54	18.014	1477	1481	1486	rVV	464695	1008981	3.74%	0.431%
55	18.163	1490	1494	1498	rBV4	194887	624356	2.31%	0.267%
56	18.288	1502	1505	1513	rVB3	170968	648198	2.40%	0.277%
57	18.471	1513	1521	1524	rBV	1390799	4050292	15.00%	1.732%
58	18.860	1537	1555	1557	rBV	3519520	17647413	65.35%	7.546%
59	18.940	1557	1562	1565	rVB	1754069	4436715	16.43%	1.897%
60	19.066	1570	1573	1576	rBV2	319457	739026	2.74%	0.316%
61	19.511	1608	1612	1616	rVB2	986371	2216330	8.21%	0.948%
62	19.729	1626	1631	1634	rVB	617260	1517421	5.62%	0.649%
63	19.969	1645	1652	1654	rBV	1112343	3048733	11.29%	1.304%
64	20.037	1654	1658	1661	rVB	1398821	2866088	10.61%	1.225%
65	20.163	1661	1669	1670	rBV	706431	2228182	8.25%	0.953%
66	20.197	1670	1672	1676	rVV2	1057420	3384279	12.53%	1.447%
67	20.289	1676	1680	1682	rVB	1084475	2292233	8.49%	0.980%
68	20.517	1695	1700	1702	rBV2	245520	679945	2.52%	0.291%
69	20.712	1709	1717	1718	rBV	867208	2491880	9.23%	1.065%
70	21.214	1757	1761	1763	rBV	696984	1740655	6.45%	0.744%
71	21.249	1763	1764	1767	rVV2	603197	1150399	4.26%	0.492%

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72	21.340	1770	1772	1777	rVB3	604591	1348280	4.99%	0.576%
73	21.454	1777	1782	1784	rVB	2262155	5647979	20.92%	2.415%
74	21.580	1789	1793	1795	rBV3	605160	1353454	5.01%	0.579%
75	21.649	1795	1799	1803	rVB2	435010	905346	3.35%	0.387%
76	21.809	1805	1813	1815	rBV	3028965	8013334	29.67%	3.426%
77	22.083	1834	1837	1839	rBV	672133	933630	3.46%	0.399%
78	22.129	1839	1841	1843	rVB	462816	705298	2.61%	0.302%
79	22.289	1847	1855	1857	rBV	856891	2545683	9.43%	1.088%
80	22.369	1860	1862	1864	rBV	742198	1140476	4.22%	0.488%
81	22.415	1864	1866	1870	rVV2	859929	1149820	4.26%	0.492%
82	22.529	1873	1876	1877	rBV	672809	937273	3.47%	0.401%
83	22.563	1877	1879	1883	rVB	713757	820887	3.04%	0.351%
84	22.917	1907	1910	1915	rBV2	223960	636217	2.36%	0.272%
85	23.055	1920	1922	1924	rBV	741344	1297375	4.80%	0.555%
86	23.089	1924	1925	1928	rVV2	491777	887651	3.29%	0.380%
87	23.363	1942	1949	1950	rVV	1541825	3119772	11.55%	1.334%
88	23.409	1950	1953	1955	rVV2	1842327	3282542	12.16%	1.404%
89	23.546	1960	1965	1969	rVV6	290609	924758	3.42%	0.395%
90	23.649	1972	1974	1979	rVB3	330998	571309	2.12%	0.244%
91	23.809	1985	1988	1990	rVV	809375	1260166	4.67%	0.539%
92	23.843	1990	1991	1993	rVV	534820	519381	1.92%	0.222%
93	23.912	1993	1997	1998	rVV3	443583	972334	3.60%	0.416%
94	23.946	1998	2000	2004	rVV3	423034	1003635	3.72%	0.429%
95	24.472	2042	2046	2051	rBV	1204575	2841677	10.52%	1.215%
96	24.701	2064	2066	2068	rVV	797106	1207793	4.47%	0.516%
97	24.758	2068	2071	2073	rVV	1362910	2434067	9.01%	1.041%
98	24.826	2073	2077	2080	rVV3	278550	916208	3.39%	0.392%
99	25.843	2161	2166	2168	rBV	490351	892891	3.31%	0.382%
100	26.141	2187	2192	2195	rBV	362568	774482	2.87%	0.331%

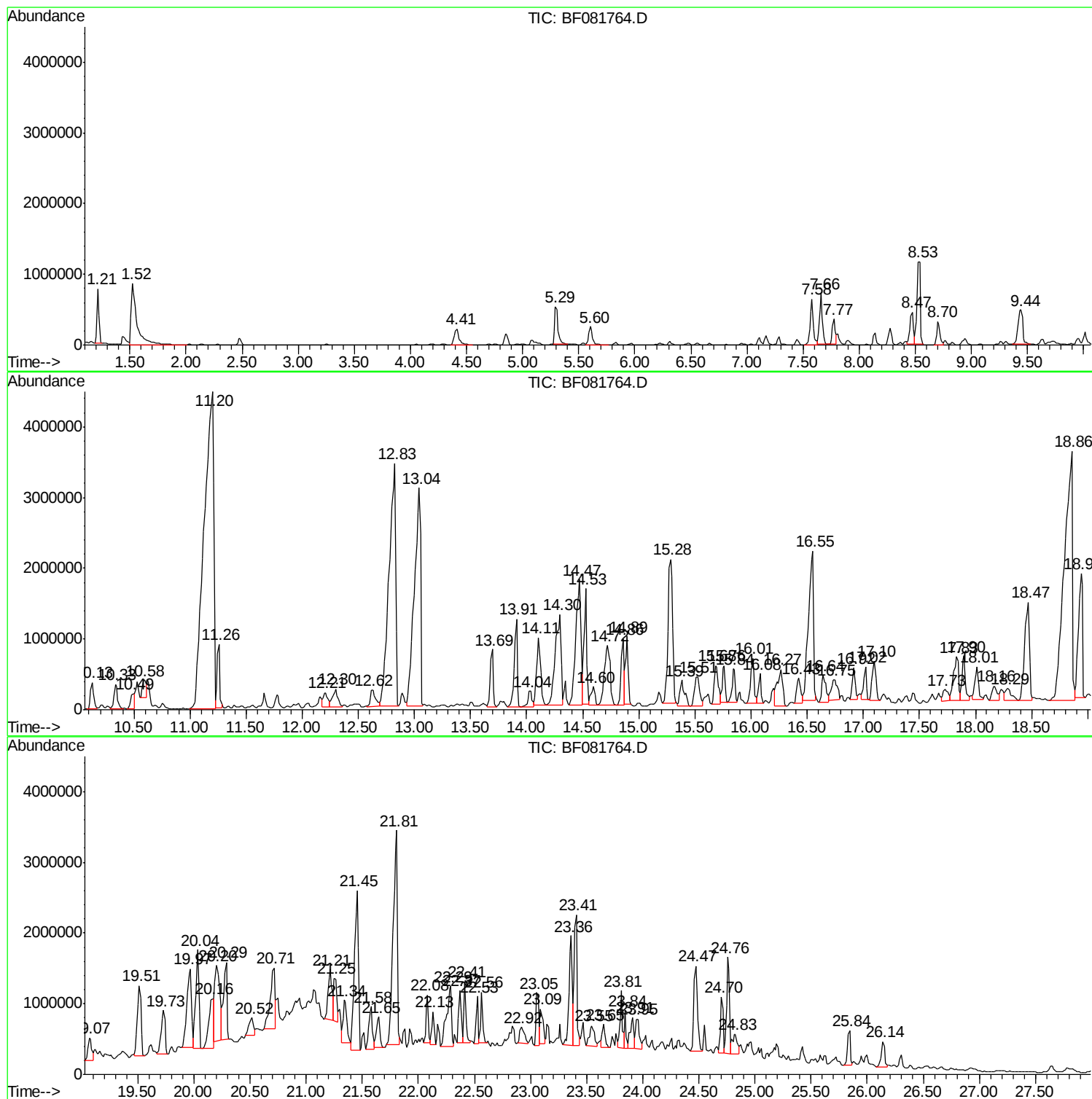
Sum of corrected areas: 233876518

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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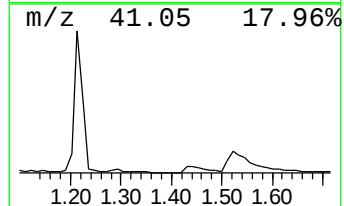
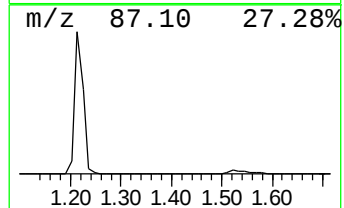
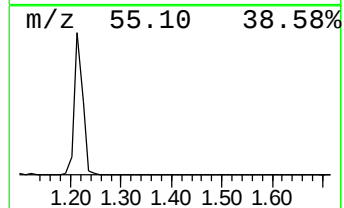
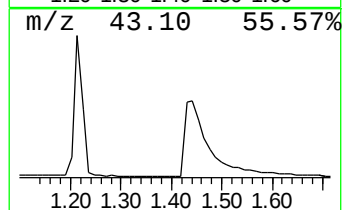
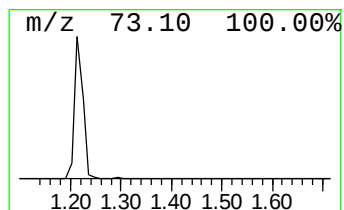
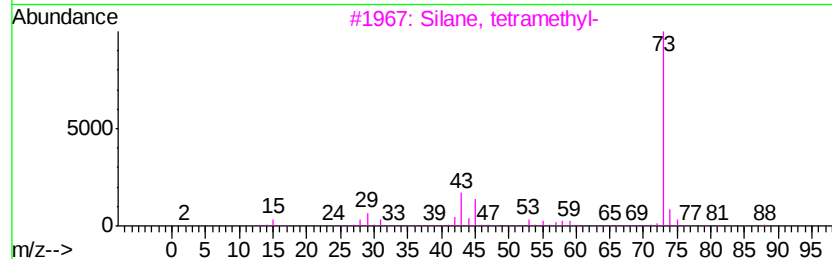
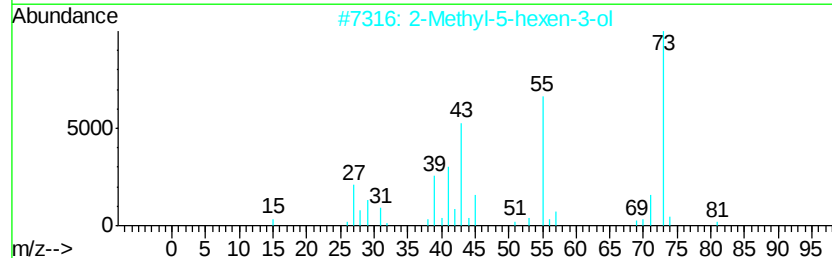
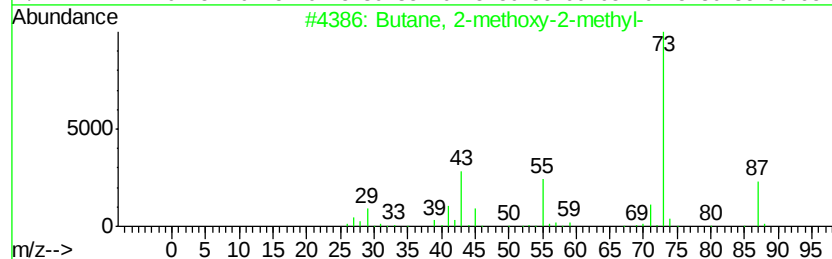
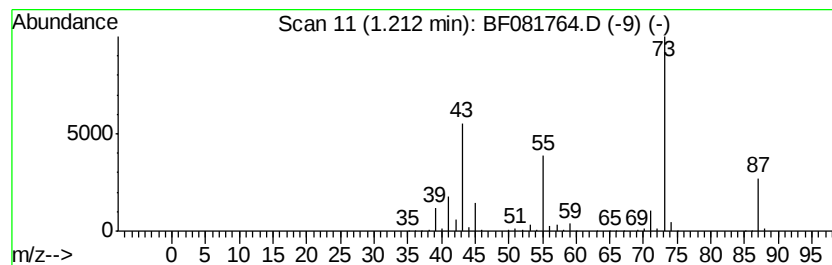
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	17.81 ng	873439	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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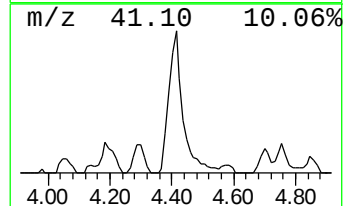
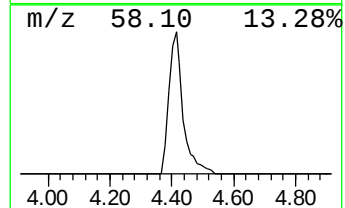
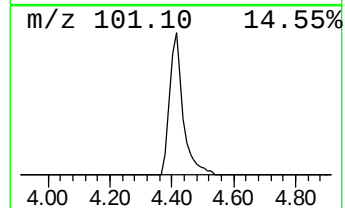
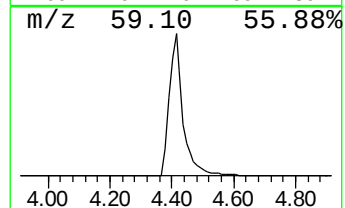
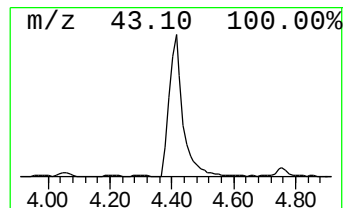
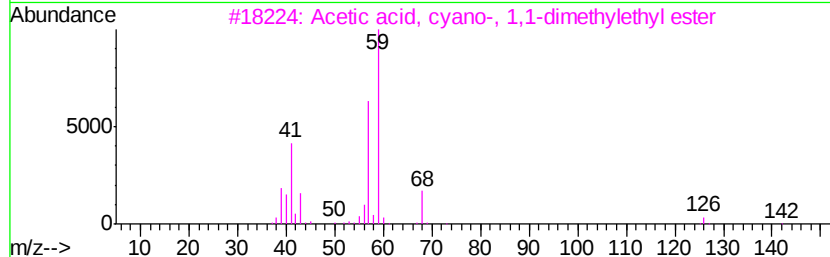
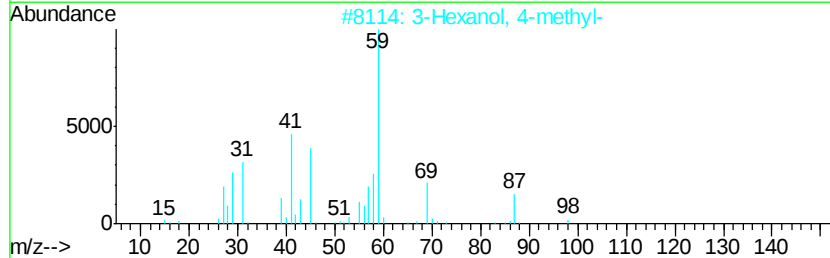
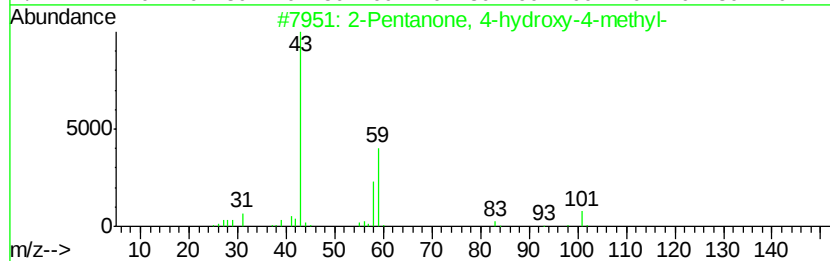
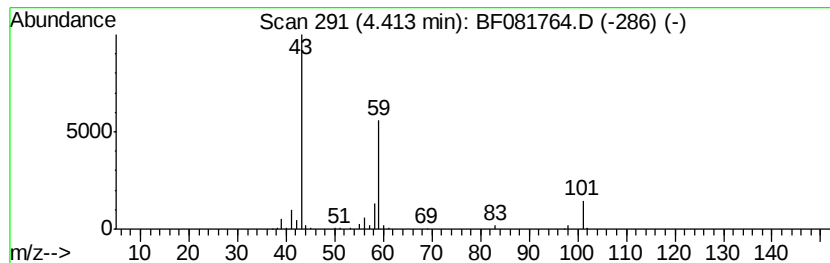
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	13.95 ng	684088	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
4		Acetic acid, 1,1-dimethylethyl ester	116	C6H12O2	000540-88-5	28
5		3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9



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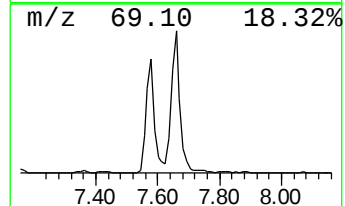
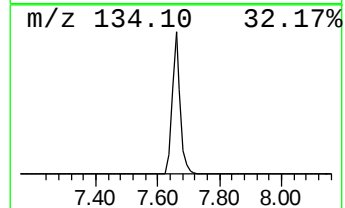
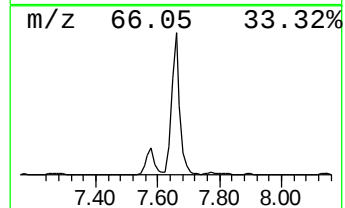
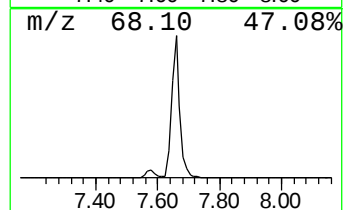
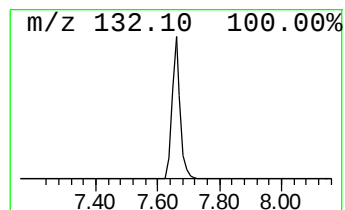
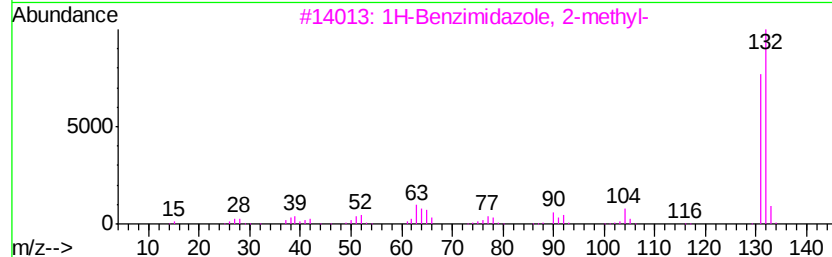
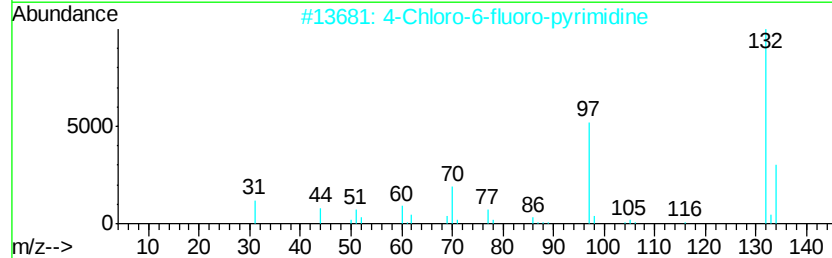
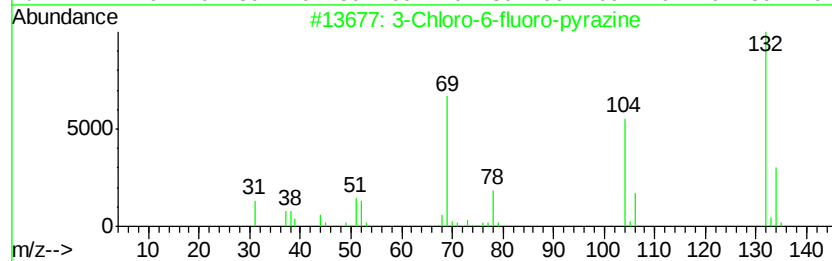
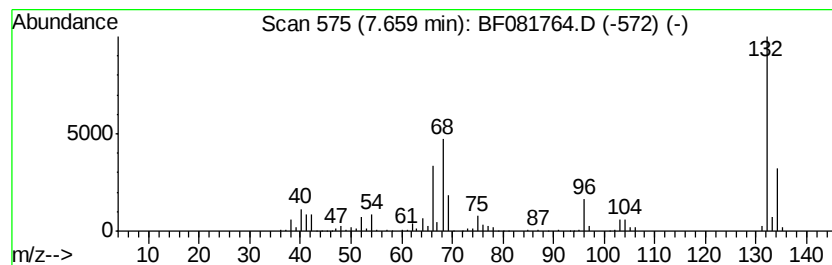
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown7.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	26.62 ng	1305490	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35	
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27	
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22	
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12	
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
Data File : BF081764.D
Acq On : 23 Sep 2015 10:05
Operator : UM/IZ
Sample : G3748-04
Misc :
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ClientSampleId :
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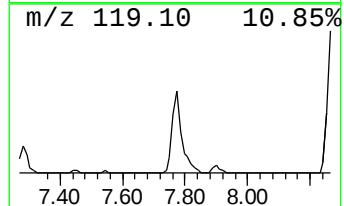
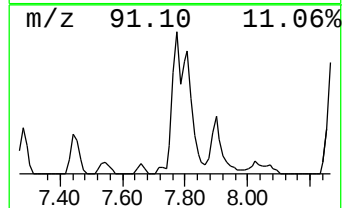
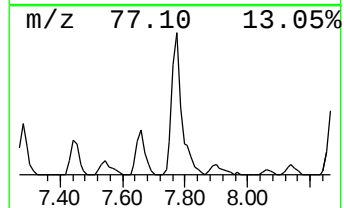
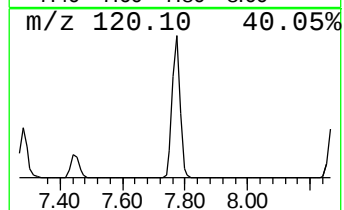
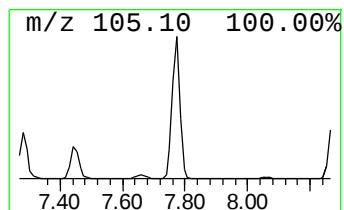
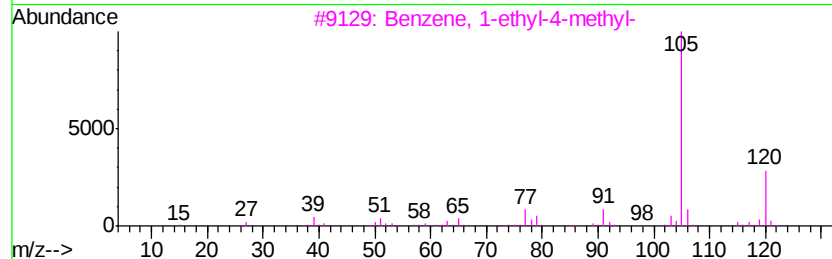
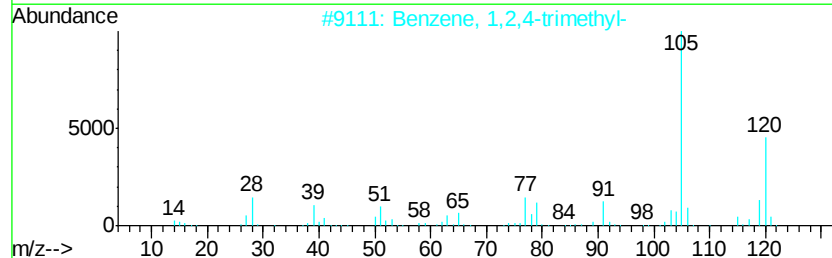
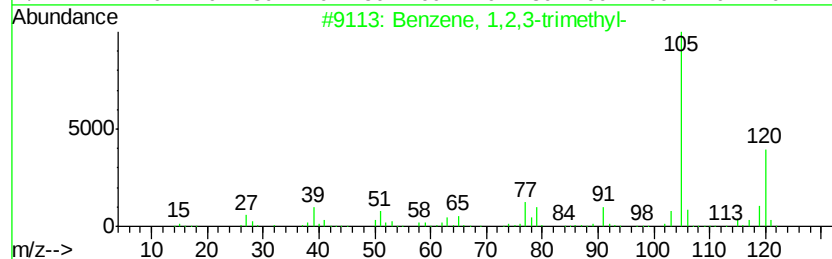
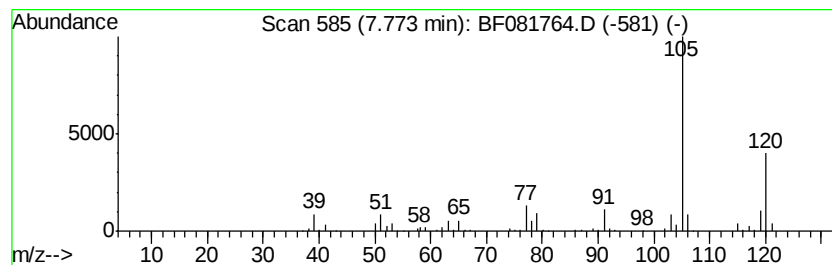
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	14.05 ng	688865	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
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Acq On : 23 Sep 2015 10:05
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Misc :
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ClientSampleId :
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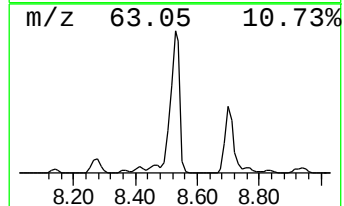
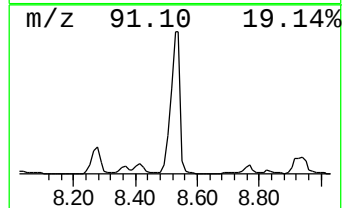
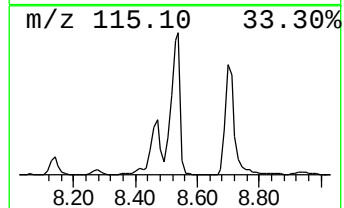
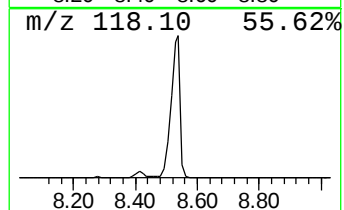
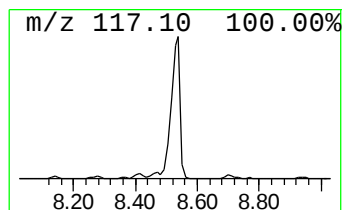
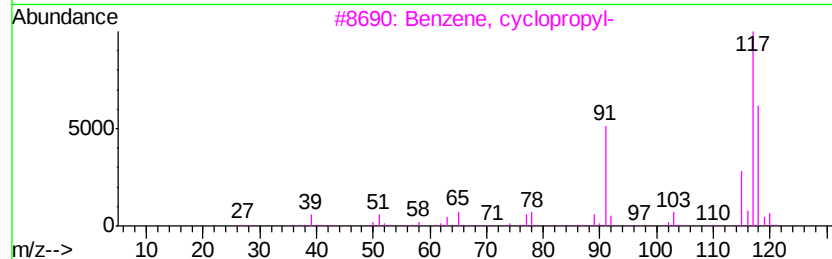
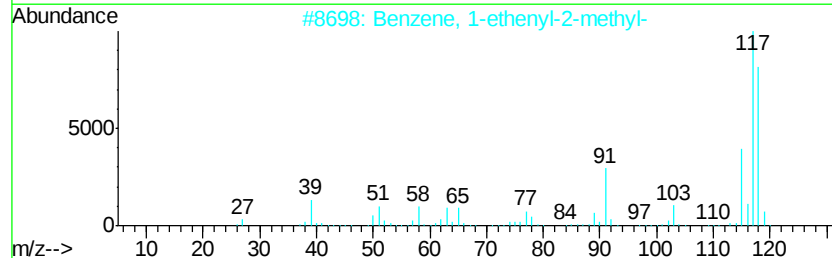
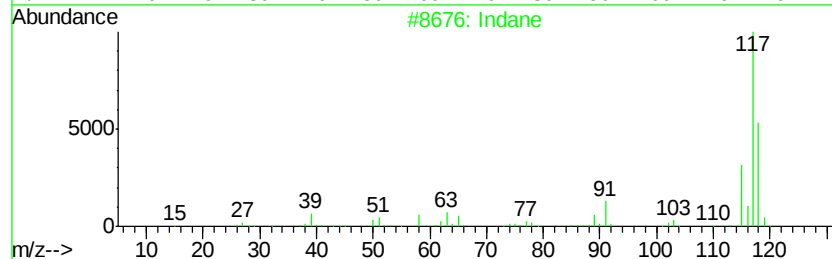
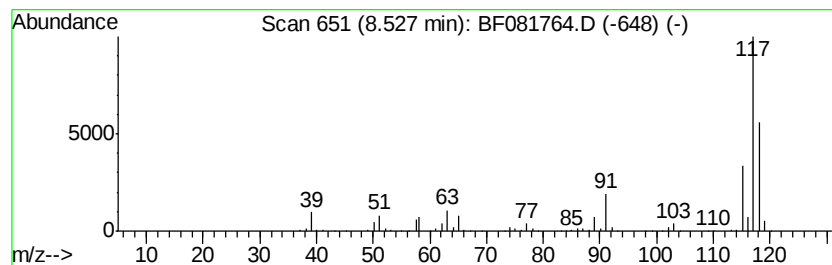
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	48.35 ng	2371220	1,4-Dichlorobenzene-d4	8.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	91
2	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	78
3	Benzene, cyclopropyl-		118	C9H10	000873-49-4	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	72
5	Benzene, 1-propenyl-		118	C9H10	000637-50-3	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
Data File : BF081764.D
Acq On : 23 Sep 2015 10:05
Operator : UM/IZ
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Misc :
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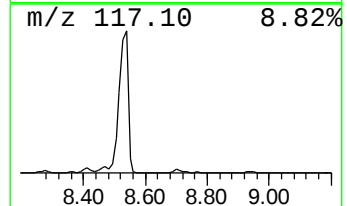
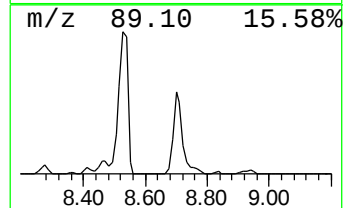
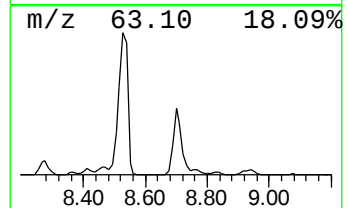
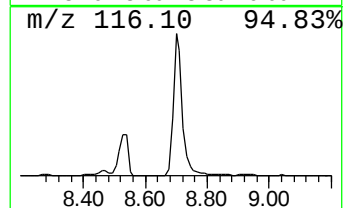
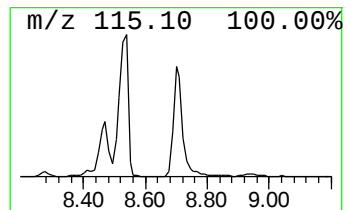
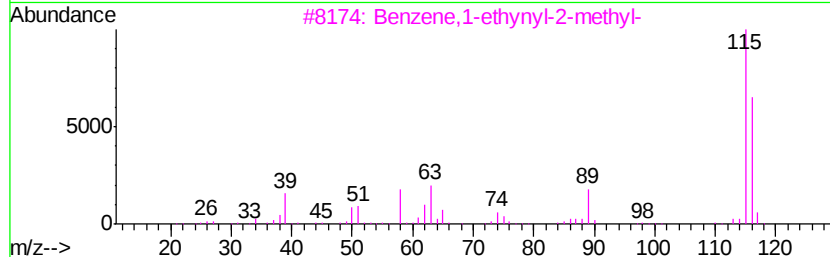
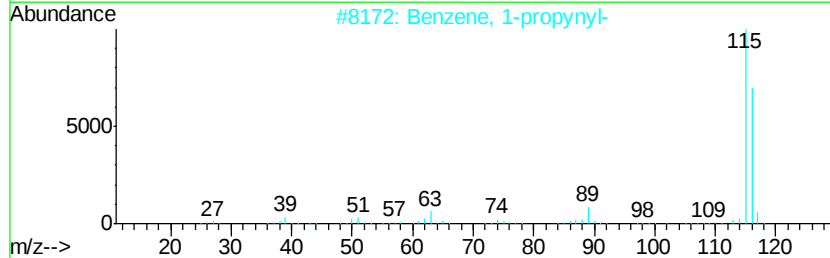
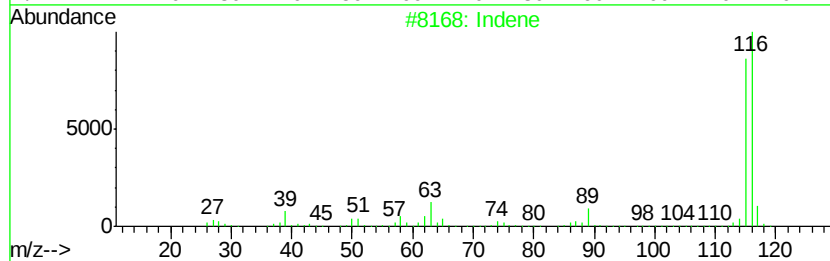
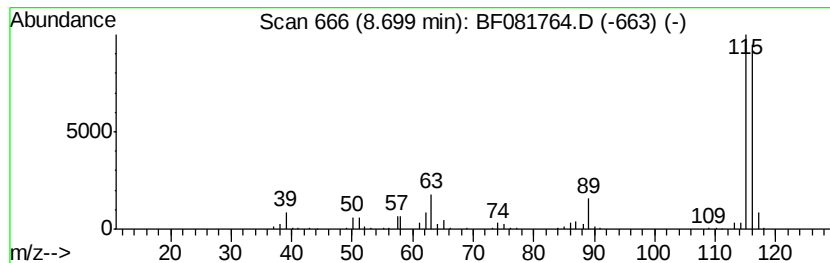
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Indene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	13.58 ng	666126	1,4-Dichlorobenzene-d4	8.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
3	Benzene, 1-ethynyl-2-methyl-		116	C9H8	000766-47-2	91
4	Benzene, 1-ethynyl-4-methyl-		116	C9H8	000766-97-2	90
5	1-Propyne, 3-phenyl-		116	C9H8	010147-11-2	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
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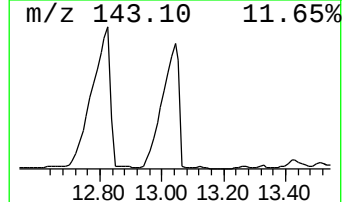
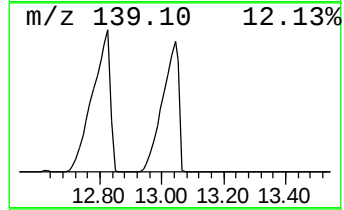
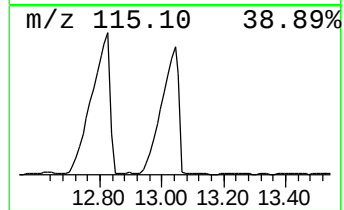
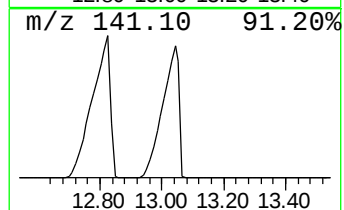
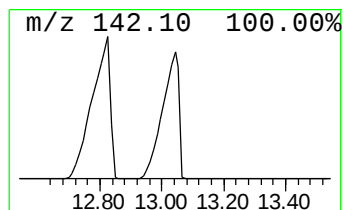
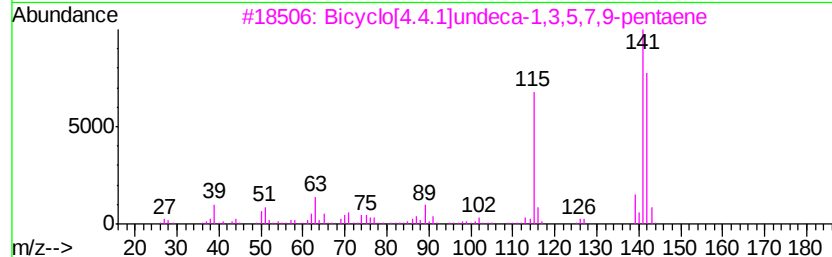
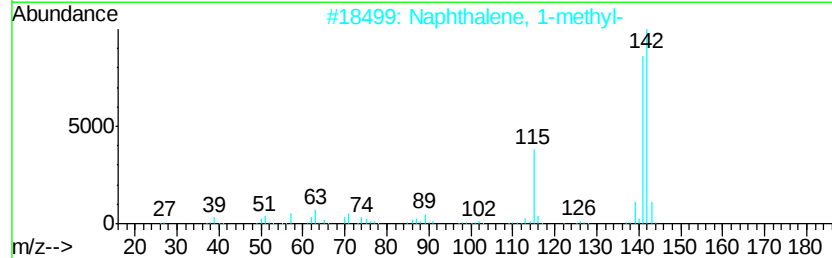
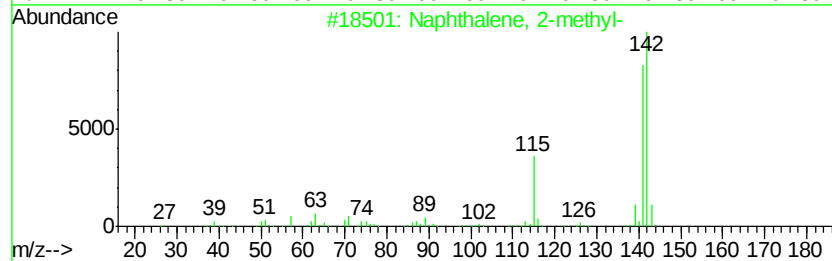
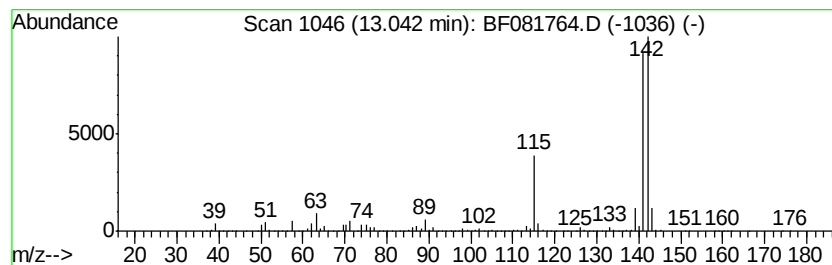
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	8.81 ng	11898000	Naphthalene-d8	11.11

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	96
3			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5			Benzocycloheptatriene	142	C11H10	000264-09-5	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
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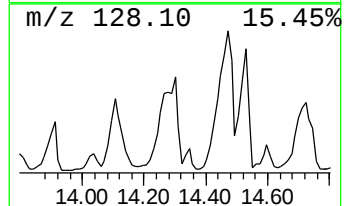
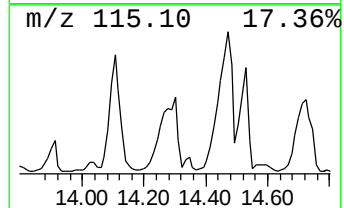
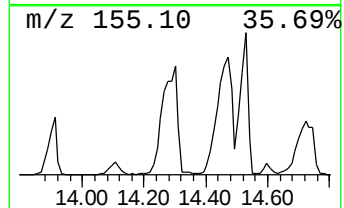
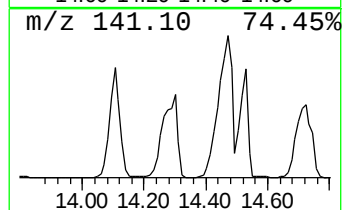
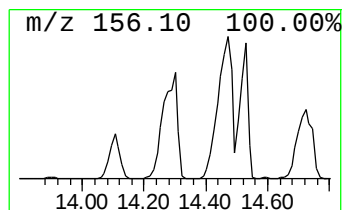
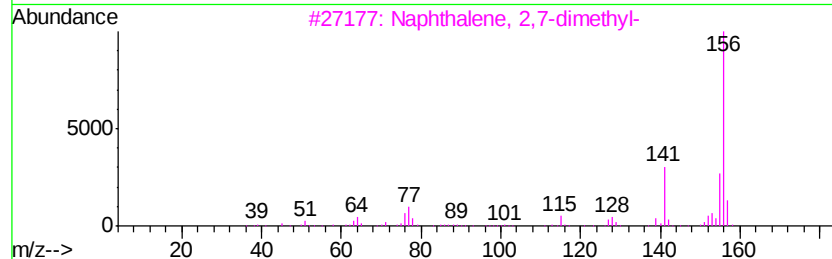
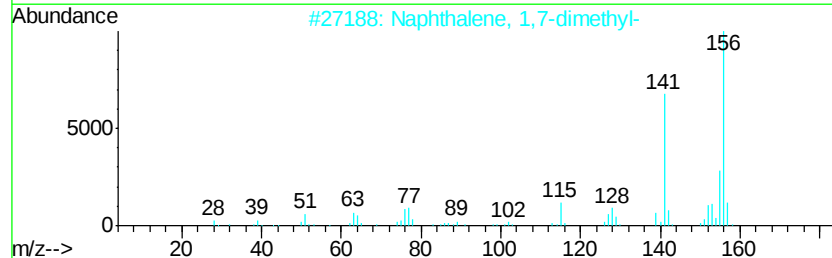
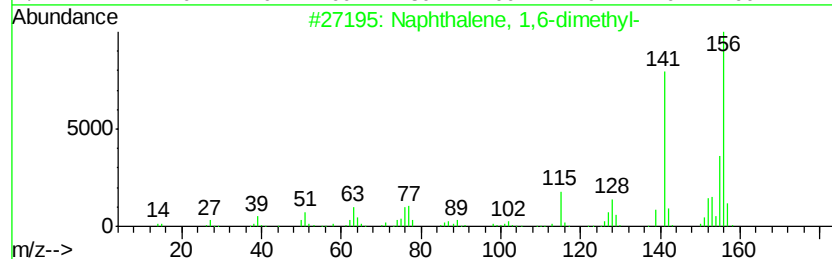
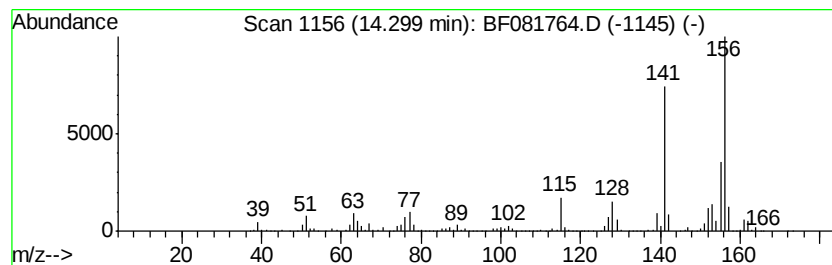
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	15.47 ng	4633790	Acenaphthene-d10	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
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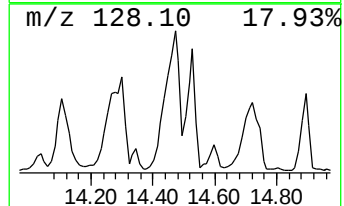
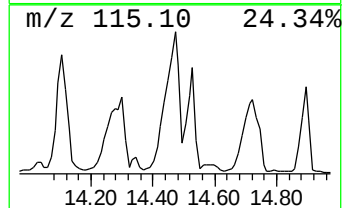
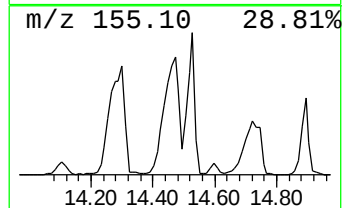
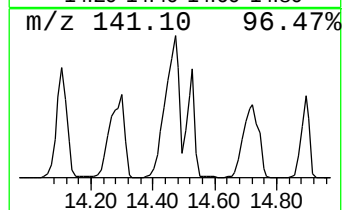
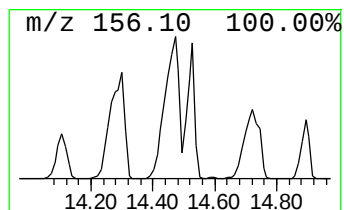
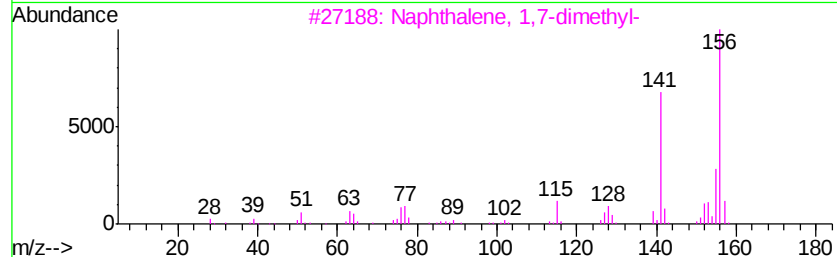
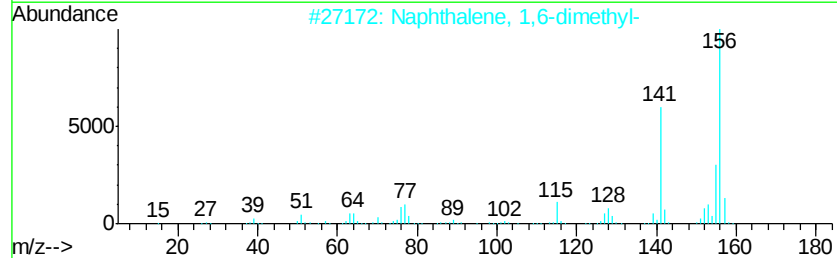
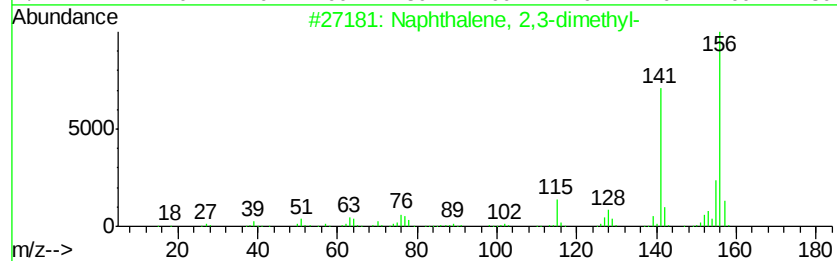
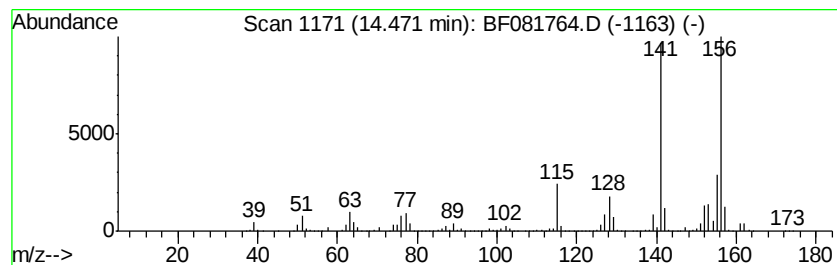
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	19.31 ng	5784050	Acenaphthene-d10	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
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Acq On : 23 Sep 2015 10:05
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Sample : G3748-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

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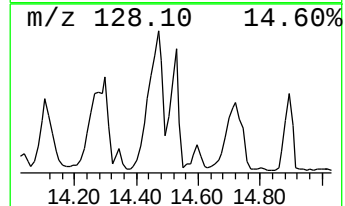
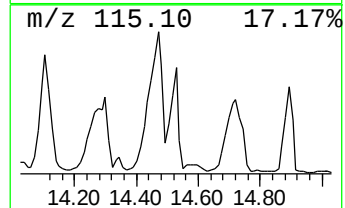
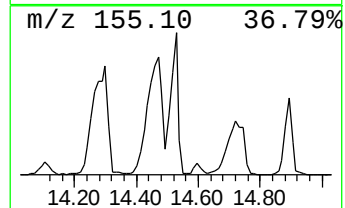
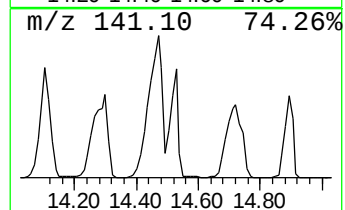
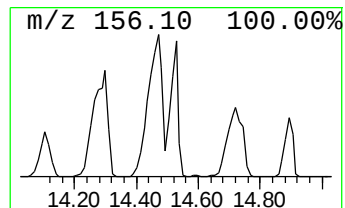
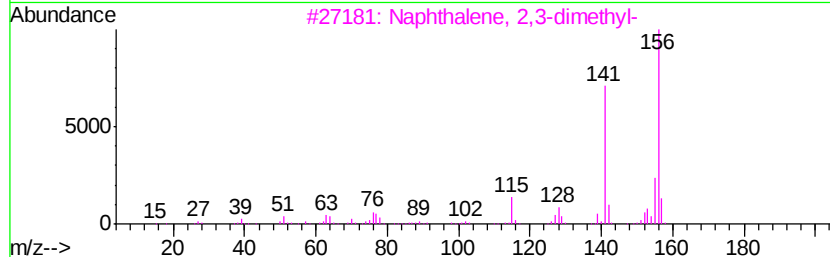
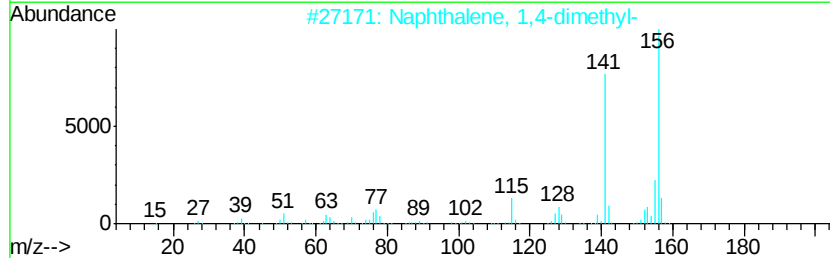
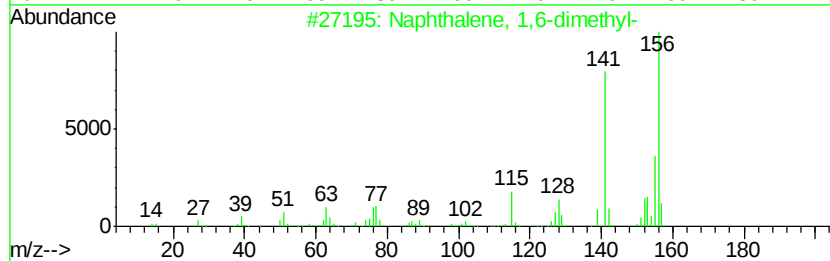
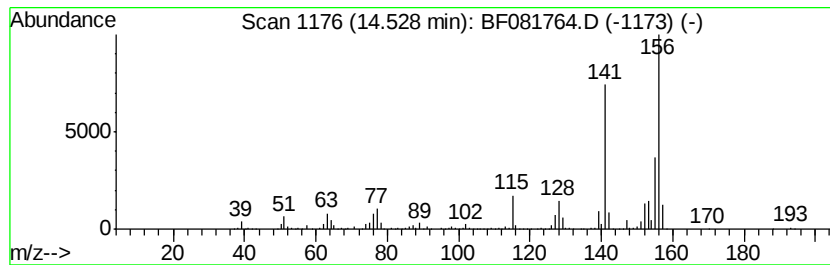
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown14.53 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	9.47 ng	2837350	Acenaphthene-d10	15.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
Data File : BF081764.D
Acq On : 23 Sep 2015 10:05
Operator : UM/IZ
Sample : G3748-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP205-10-12

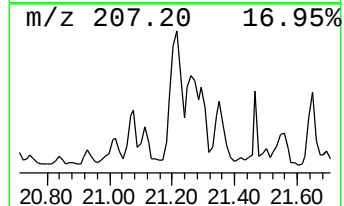
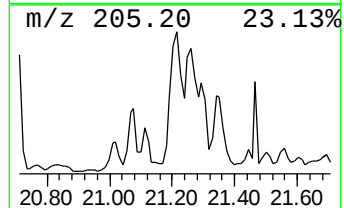
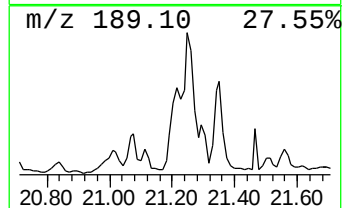
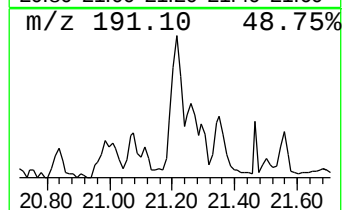
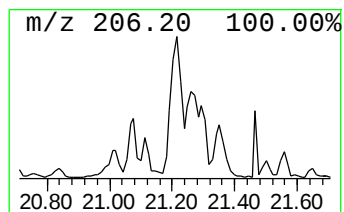
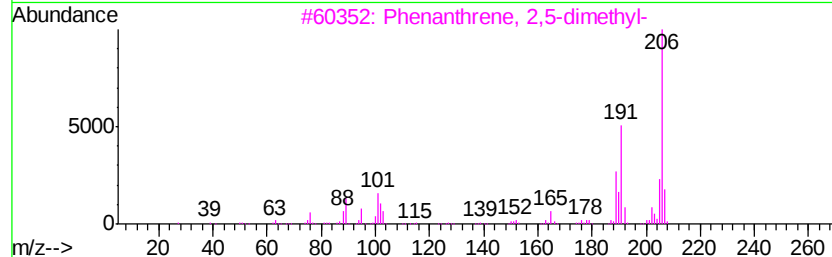
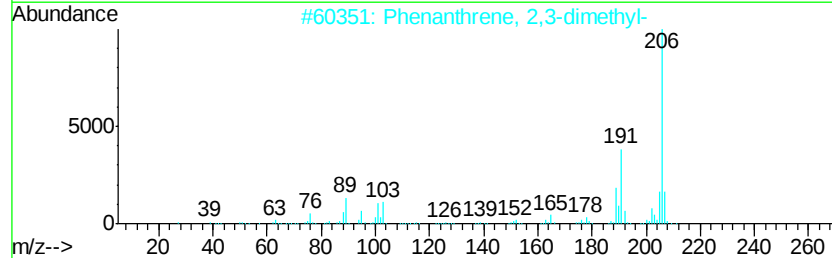
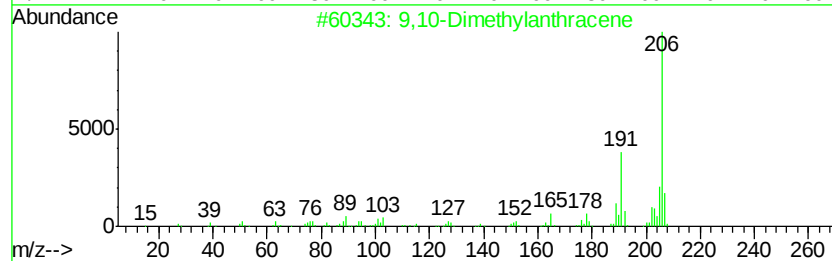
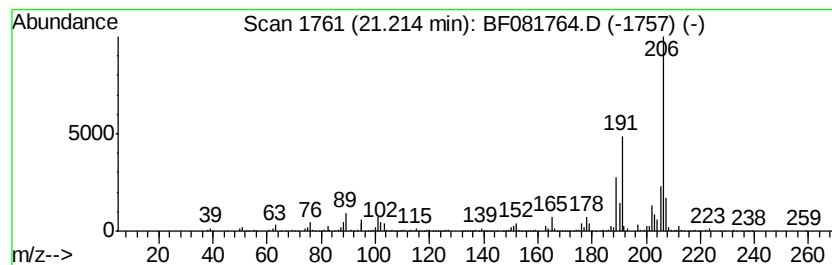
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Dimethylantracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.21	11.16 ng	1740660	Chrysene-d12	23.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
Data File : BF081764.D
Acq On : 23 Sep 2015 10:05
Operator : UM/IZ
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ClientSampleId :
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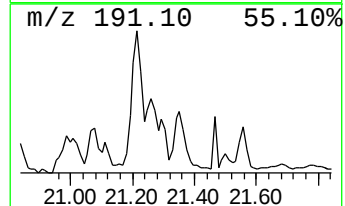
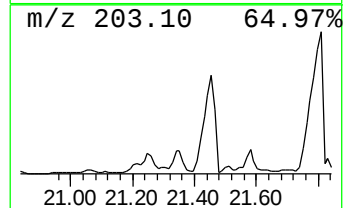
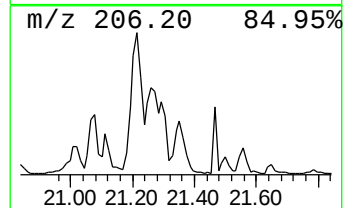
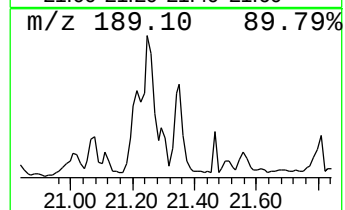
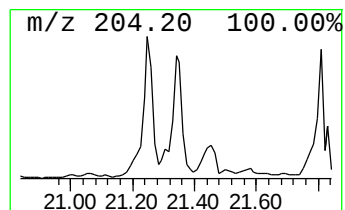
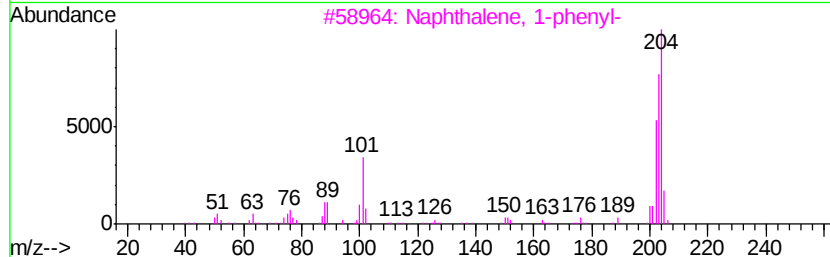
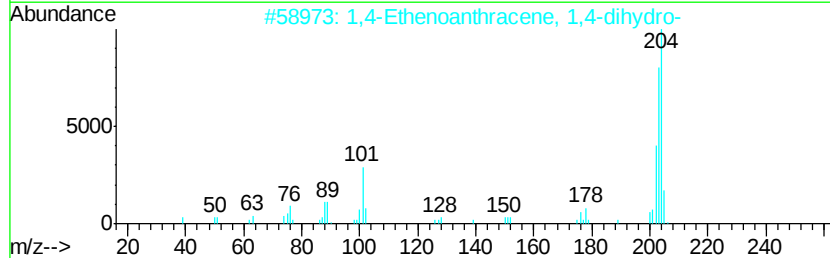
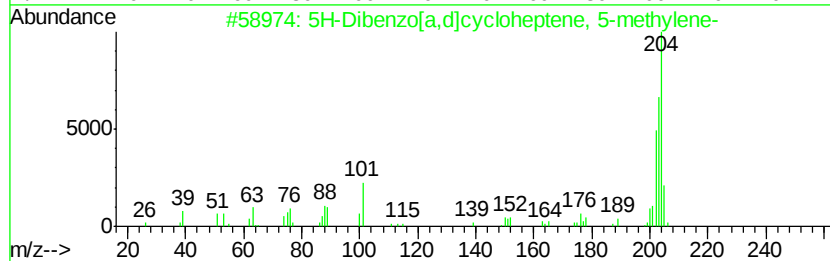
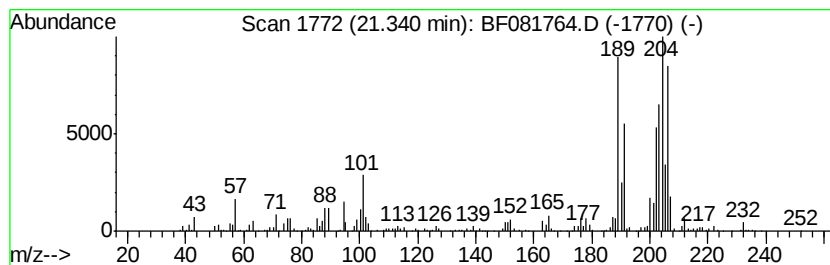
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 5H-Dibenzo[a,d]cycloheptene... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	8.64 ng	1348280	Chrysene-d12	23.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	80
2			1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	74
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	74
4			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	60
5			Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081764.D
Acq On : 23 Sep 2015 10:05
Operator : UM/IZ
Sample : G3748-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

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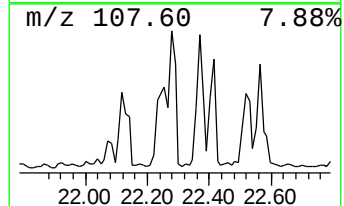
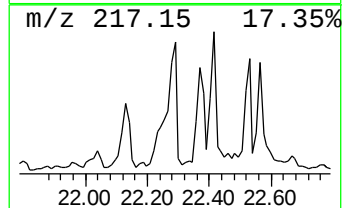
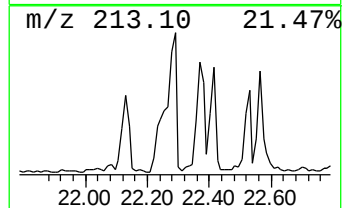
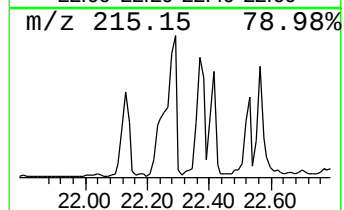
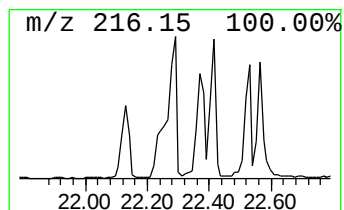
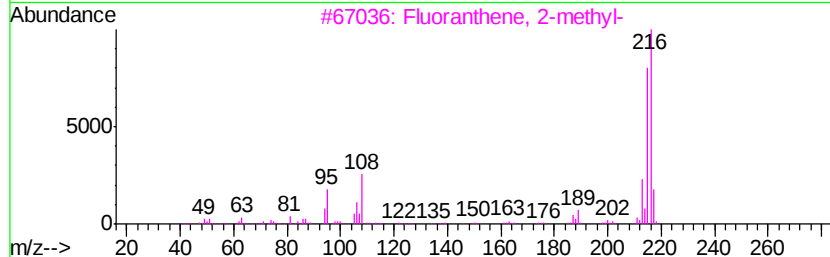
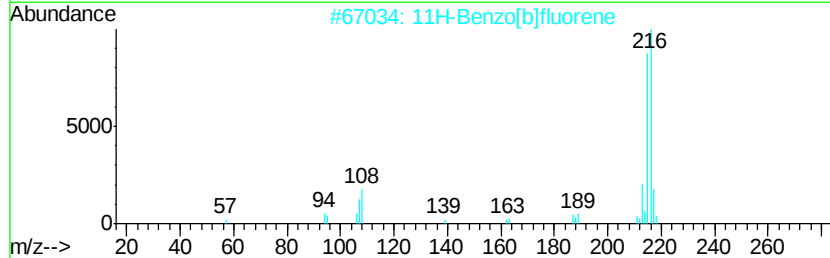
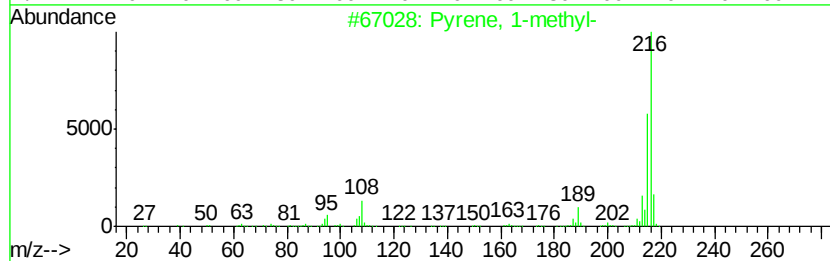
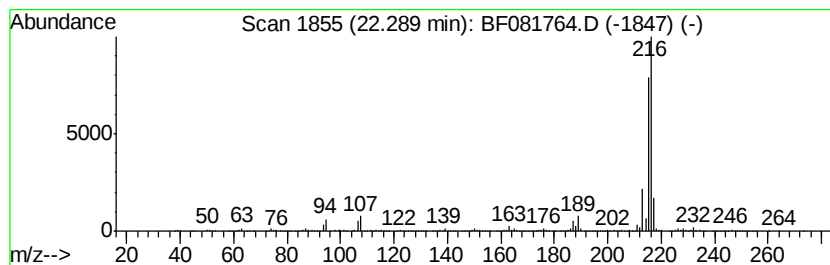
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	16.32 ng	2545680	Chrysene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081764.D
Acq On : 23 Sep 2015 10:05
Operator : UM/IZ
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Misc :
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ClientSampleId :
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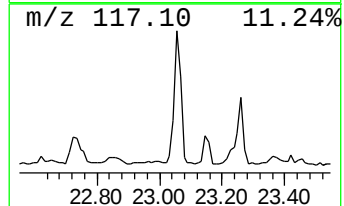
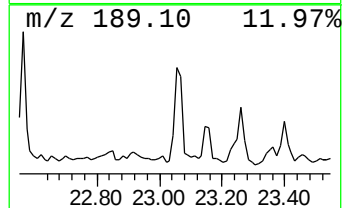
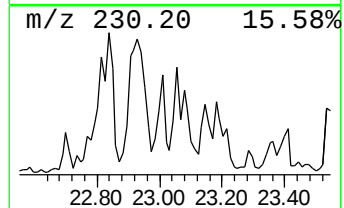
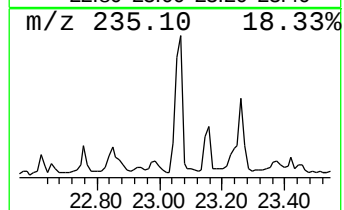
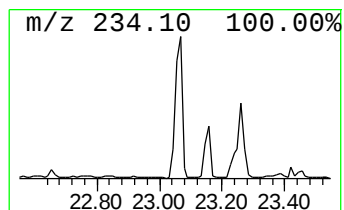
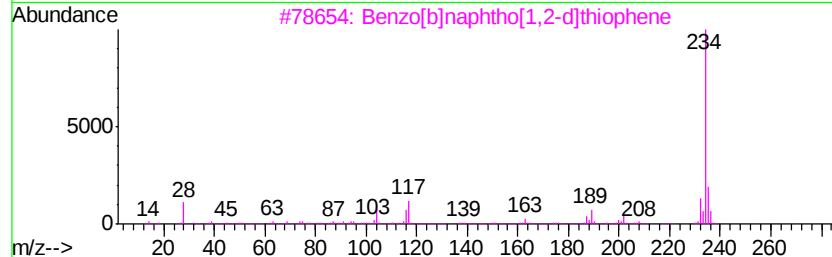
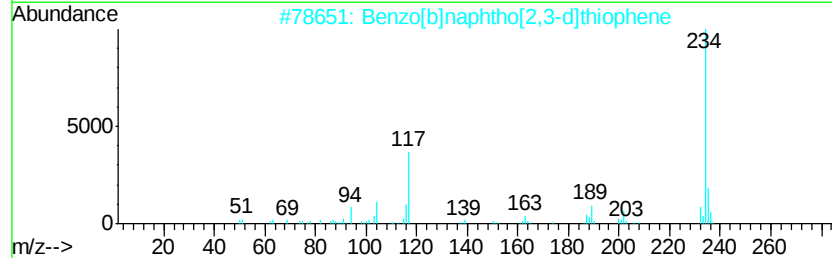
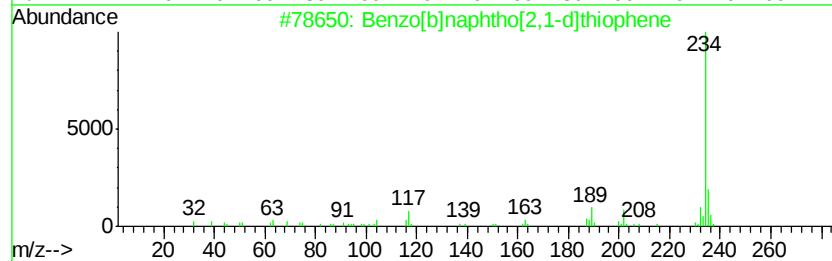
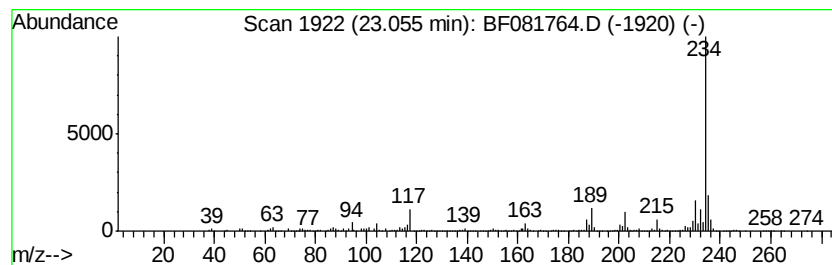
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.05	8.32 ng	1297380	Chrysene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
4		Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	53
5		Imidazole, 4-pentafluorophenyl-	234	C9H3F5N2	081769-58-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
Data File : BF081764.D
Acq On : 23 Sep 2015 10:05
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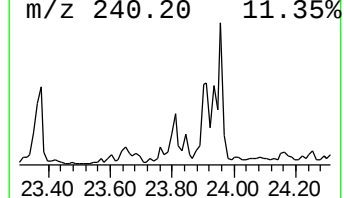
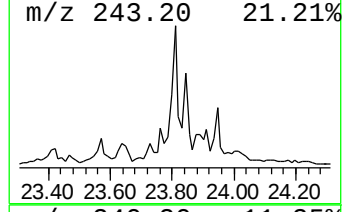
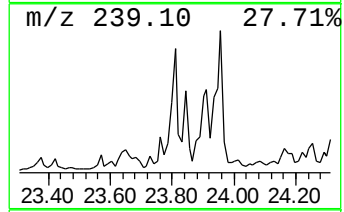
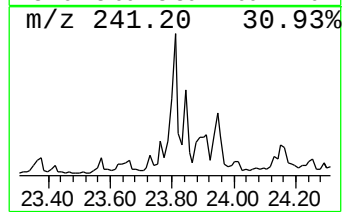
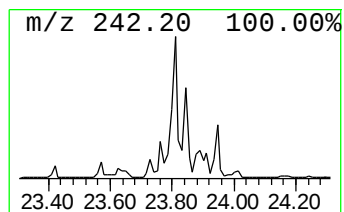
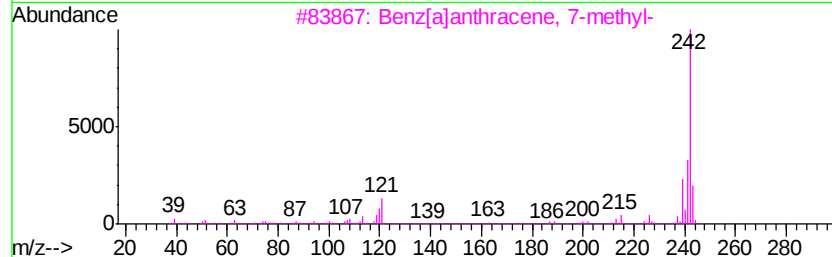
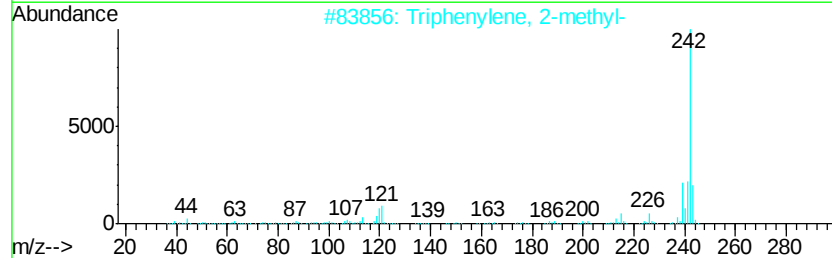
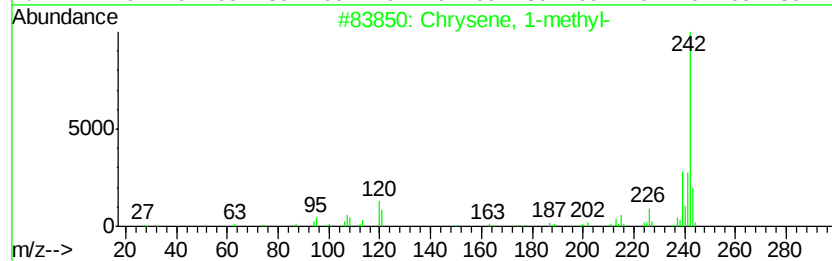
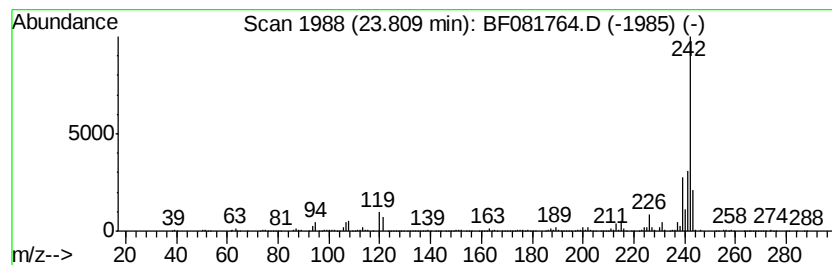
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Chrysene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	8.08 ng	1260170	Chrysene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
2		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3		Benz[<i>a</i>]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
4		Chrysene, 6-methyl-	242	C19H14	001705-85-7	89
5		Benzo[<i>c</i>]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
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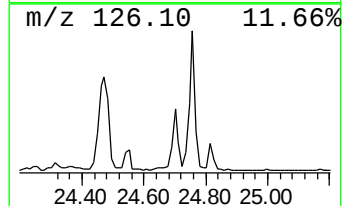
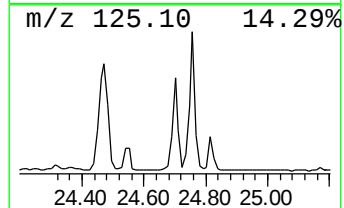
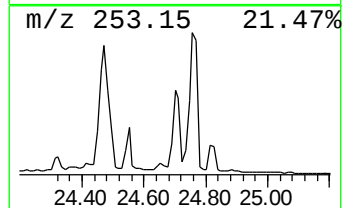
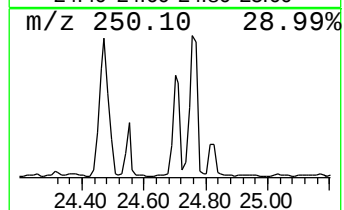
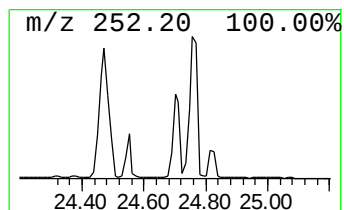
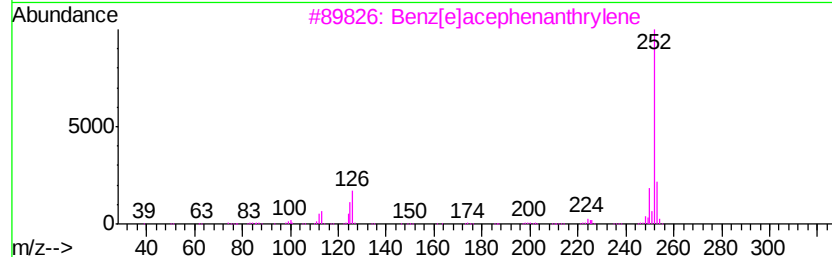
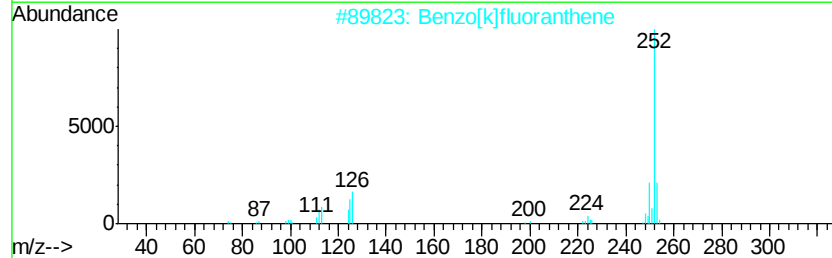
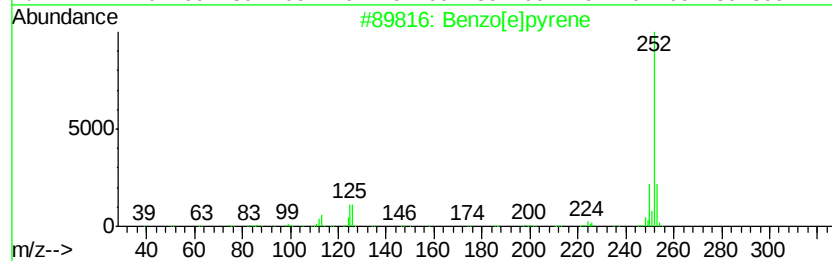
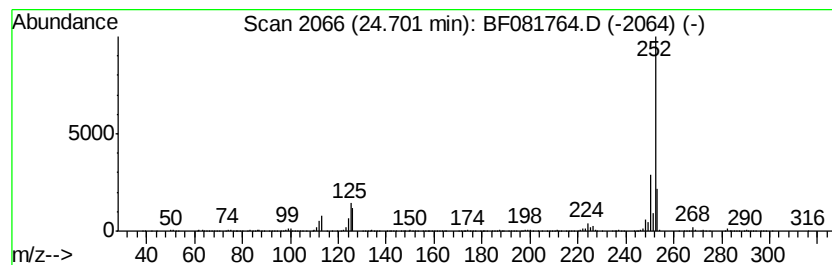
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	26.37 ng	1207790	Perylene-d12	24.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
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 Acq On : 23 Sep 2015 10:05
 Operator : UM/IZ
 Sample : G3748-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 MGP205-10-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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
Butane, 2-methoxy...	1.21	17.8	ng	873439	1	8.14	980811	20.0
2-Pentanone, 4-hy...	4.41	13.9	ng	684088	1	8.14	980811	20.0
unknown7.66	7.66	26.6	ng	1305490	1	8.14	980811	20.0
Benzene, 1,2,3-tr...	7.77	14.1	ng	688865	1	8.14	980811	20.0
Indane	8.53	48.4	ng	2371220	1	8.14	980811	20.0
Indene	8.70	13.6	ng	666126	1	8.14	980811	20.0
Naphthalene, 2-me...	13.04	8.8	ng	11898000	2	11.11	27004100	20.0
Naphthalene, 1,6-...	14.30	15.5	ng	4633790	3	15.18	5990570	20.0
Naphthalene, 2,3-...	14.47	19.3	ng	5784050	3	15.18	5990570	20.0
unknown14.53	14.53	9.5	ng	2837350	3	15.18	5990570	20.0
9,10-Dimethylanthe...	21.21	11.2	ng	1740660	5	23.37	3119770	20.0
5H-Dibenzo[a,d]cy...	21.34	8.6	ng	1348280	5	23.37	3119770	20.0
Pyrene, 1-methyl-	22.29	16.3	ng	2545680	5	23.37	3119770	20.0
Benzo[b]naphtho[2...	23.05	8.3	ng	1297380	5	23.37	3119770	20.0
Chrysene, 1-methyl-	23.81	8.1	ng	1260170	5	23.37	3119770	20.0
Benzo[e]pyrene	24.70	26.4	ng	1207790	6	24.80	916208	20.0