

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019918.D
 Acq On : 4 Dec 2015 23:39
 Operator : UM/NP
 Sample : G4630-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-36

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_G\METHODS\8270-BG120215.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	5.193	393	401	406	rBV	48846	76530	2.54%	0.225%
2	5.657	473	480	490	rVB	302883	503834	16.69%	1.482%
3	5.981	525	535	541	rBV3	23401	47588	1.58%	0.140%
4	6.368	594	601	608	rBV2	43350	82306	2.73%	0.242%
5	6.598	634	640	646	rBV5	16082	37464	1.24%	0.110%
6	6.944	690	699	703	rBV6	12934	35414	1.17%	0.104%
7	7.097	717	725	728	rBV5	23385	49394	1.64%	0.145%
8	7.261	746	753	758	rBV	224559	403534	13.37%	1.187%
9	7.308	758	761	767	rVB2	34301	55329	1.83%	0.163%
10	7.373	767	772	779	rBV	39056	63335	2.10%	0.186%
11	7.514	788	796	803	rBV6	59818	149962	4.97%	0.441%
12	7.643	811	818	827	rVB	575636	988062	32.73%	2.906%
13	8.014	875	881	885	rBV6	26530	55245	1.83%	0.162%
14	8.113	887	898	904	rVV2	122146	307098	10.17%	0.903%
15	8.378	935	943	944	rBV5	18453	38626	1.28%	0.114%
16	8.442	947	954	959	rVV	519919	947123	31.38%	2.785%
17	8.489	959	962	976	rVB2	109505	210106	6.96%	0.618%
18	8.607	978	982	987	rVV	51521	79305	2.63%	0.233%
19	8.683	991	995	1003	rVB4	25103	47290	1.57%	0.139%
20	8.760	1003	1008	1011	rBV4	28689	48190	1.60%	0.142%
21	8.818	1011	1018	1026	rVB3	92217	207813	6.88%	0.611%
22	8.912	1028	1034	1038	rBV5	19862	43361	1.44%	0.128%
23	9.012	1046	1051	1061	rVB3	80921	176773	5.86%	0.520%
24	9.153	1066	1075	1078	rBV4	57689	142558	4.72%	0.419%
25	9.194	1078	1082	1084	rVV3	37449	67648	2.24%	0.199%
26	9.230	1084	1088	1092	rVV2	113910	182152	6.03%	0.536%
27	9.289	1092	1098	1108	rVB2	416202	896213	29.69%	2.636%
28	9.471	1124	1129	1138	rVB9	41748	100677	3.34%	0.296%
29	9.582	1140	1148	1160	rVB8	65130	193401	6.41%	0.569%
30	9.717	1165	1171	1172	rBV6	21572	37492	1.24%	0.110%
31	9.753	1172	1177	1184	rVB	130446	237683	7.87%	0.699%
32	9.823	1184	1189	1190	rBV3	21220	34925	1.16%	0.103%
33	9.853	1190	1194	1198	rVB7	33427	57044	1.89%	0.168%
34	9.958	1204	1212	1214	rBV4	78697	167957	5.56%	0.494%

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35	10.117	1230	1239	1245	rBV9	117526	311342	10.31%	0.916%
36	10.176	1246	1249	1253	rVB3	54953	84247	2.79%	0.248%
37	10.287	1261	1268	1270	rBV4	59161	109945	3.64%	0.323%
38	10.328	1270	1275	1283	rVB2	219670	393881	13.05%	1.158%
39	10.393	1284	1286	1292	rVB5	31886	47153	1.56%	0.139%
40	10.481	1296	1301	1303	rBV4	35736	57905	1.92%	0.170%
41	10.522	1305	1308	1320	rVB7	55759	141411	4.68%	0.416%
42	10.663	1322	1332	1335	rBV4	108751	294847	9.77%	0.867%
43	10.799	1349	1355	1360	rBV5	88403	209191	6.93%	0.615%
44	10.857	1360	1365	1370	rVV8	58620	160027	5.30%	0.471%
45	10.934	1372	1378	1383	rVB2	196633	399324	13.23%	1.174%
46	11.045	1393	1397	1401	rBV	67866	116448	3.86%	0.342%
47	11.086	1401	1404	1407	rVV	88845	154612	5.12%	0.455%
48	11.128	1408	1411	1419	rVB5	135719	234688	7.77%	0.690%
49	11.298	1437	1440	1443	rBV4	28628	38908	1.29%	0.114%
50	11.351	1444	1449	1454	rVV6	75776	180481	5.98%	0.531%
51	11.433	1455	1463	1468	rVB3	200410	552377	18.30%	1.624%
52	11.521	1469	1478	1482	rBV8	104054	248089	8.22%	0.730%
53	11.721	1507	1512	1519	rBV6	85271	154359	5.11%	0.454%
54	11.844	1527	1533	1538	rVB3	207576	430714	14.27%	1.267%
55	11.909	1540	1544	1548	rVB4	84901	119048	3.94%	0.350%
56	11.950	1548	1551	1555	rBV3	120236	203400	6.74%	0.598%
57	12.044	1562	1567	1576	rVB7	147250	360148	11.93%	1.059%
58	12.126	1577	1581	1585	rBV6	65850	116648	3.86%	0.343%
59	12.185	1586	1591	1598	rBV	173336	369350	12.24%	1.086%
60	12.414	1621	1630	1637	rBV5	172359	435333	14.42%	1.280%
61	12.473	1637	1640	1644	rBV4	77856	107438	3.56%	0.316%
62	12.532	1644	1650	1658	rBV4	373423	737511	24.43%	2.169%
63	12.614	1660	1664	1669	rVB2	120133	199990	6.63%	0.588%
64	12.673	1670	1674	1680	rBV7	101823	225086	7.46%	0.662%
65	12.732	1680	1684	1689	rBV2	271200	440792	14.60%	1.296%
66	12.937	1710	1719	1729	rBV2	157805	603361	19.99%	1.774%
67	13.096	1741	1746	1750	rBV6	115400	264351	8.76%	0.777%
68	13.237	1760	1770	1774	rBV6	270244	739375	24.49%	2.174%
69	13.284	1775	1778	1788	rVB4	277687	590555	19.56%	1.737%
70	13.378	1788	1794	1799	rBV	1387079	2043762	67.71%	6.010%
71	13.425	1799	1802	1807	rVB2	236315	337610	11.18%	0.993%

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72	13.472	1808	1810	1813	rBV4	50551	64684	2.14%	0.190%
73	13.707	1847	1850	1854	rBV4	100562	153065	5.07%	0.450%
74	14.042	1903	1907	1910	rBV4	184905	344288	11.41%	1.012%
75	14.224	1934	1938	1942	rBV	184310	207999	6.89%	0.612%
76	14.612	2001	2004	2014	rVB2	361498	749247	24.82%	2.203%
77	14.700	2015	2019	2022	rBV5	144349	264181	8.75%	0.777%
78	14.753	2023	2028	2040	rVB3	324683	878514	29.10%	2.583%
79	15.264	2111	2115	2120	rBV5	253493	448166	14.85%	1.318%
80	15.346	2125	2129	2136	rVV5	289711	666415	22.08%	1.960%
81	15.428	2137	2143	2157	rVB7	461198	1332602	44.15%	3.919%
82	15.569	2162	2167	2171	rBV3	465426	743450	24.63%	2.186%
83	15.781	2199	2203	2206	rBV4	154826	233146	7.72%	0.686%
84	15.834	2207	2212	2217	rVB4	299321	546145	18.09%	1.606%
85	16.151	2262	2266	2273	rBV6	221703	502323	16.64%	1.477%
86	16.233	2275	2280	2285	rVB	1013142	1549969	51.35%	4.558%
87	16.368	2301	2303	2310	rVB5	105277	173162	5.74%	0.509%
88	17.491	2489	2494	2500	rBV2	453125	691686	22.91%	2.034%
89	18.378	2642	2645	2649	rVB	200652	237866	7.88%	0.699%
90	19.494	2832	2835	2838	rBV2	40742	46012	1.52%	0.135%
91	19.635	2855	2859	2864	rBV	272202	326261	10.81%	0.959%
92	19.735	2873	2876	2880	rBV	35741	35091	1.16%	0.103%
93	20.093	2931	2937	2942	rBV	2324194	3018525	100.00%	8.877%
94	20.775	3050	3053	3060	rVB	55229	81276	2.69%	0.239%
95	21.039	3095	3098	3101	rVB	52839	64441	2.13%	0.190%
96	21.239	3129	3132	3137	rVB2	27555	41847	1.39%	0.123%
97	21.392	3155	3158	3163	rVB4	35462	50600	1.68%	0.149%
98	21.551	3182	3185	3189	rVB2	40793	54118	1.79%	0.159%
99	21.762	3215	3221	3229	rVB	478091	788205	26.11%	2.318%
100	25.047	3769	3780	3790	rBV	265109	726733	24.08%	2.137%

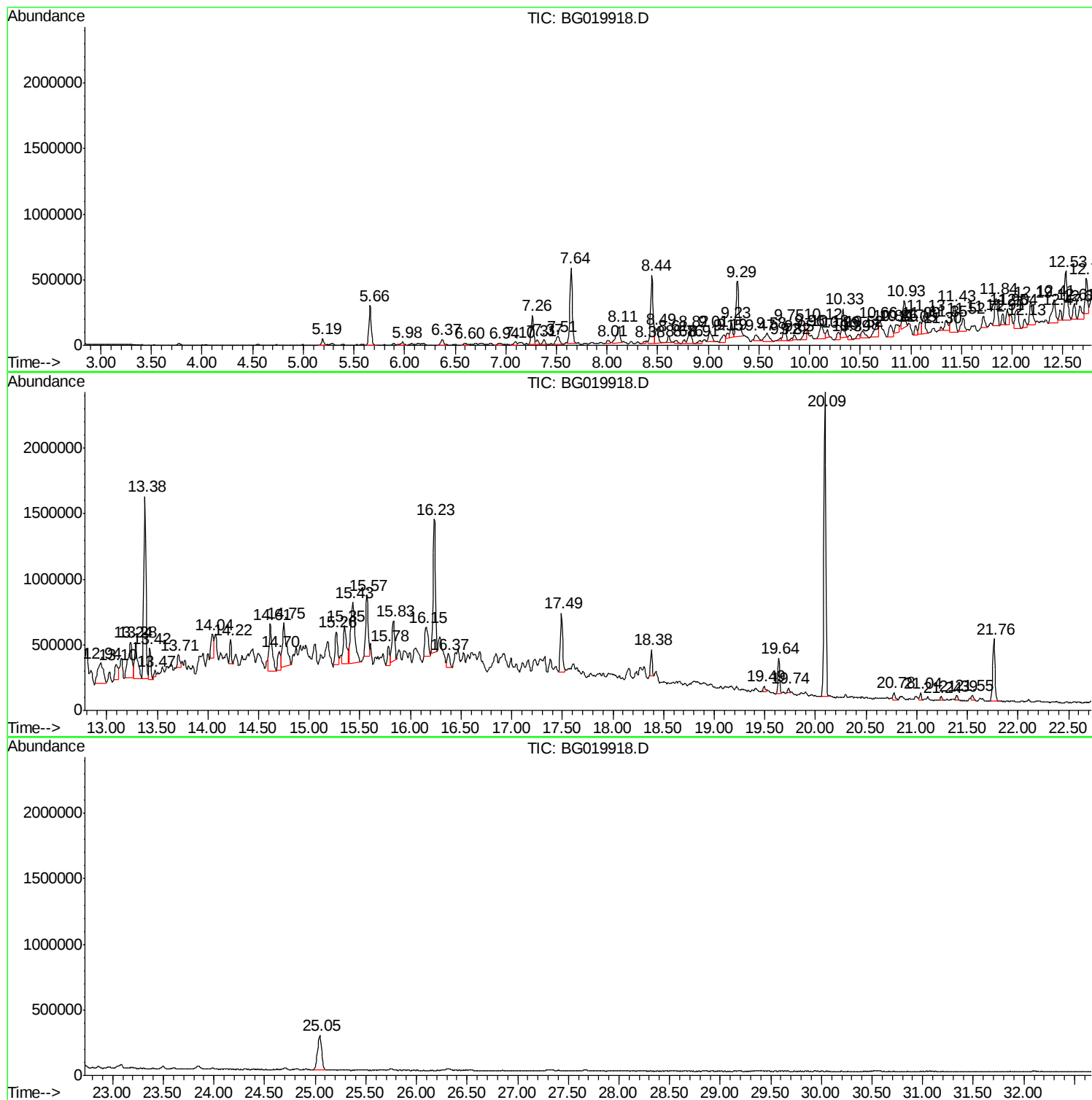
Sum of corrected areas: 34005156

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.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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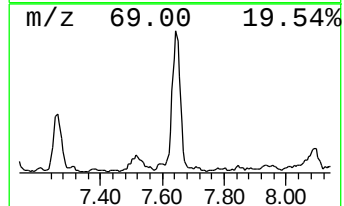
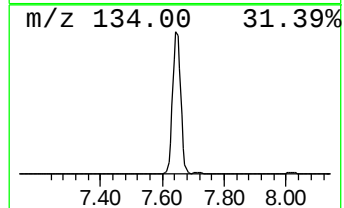
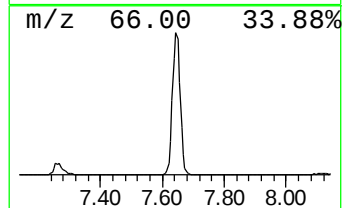
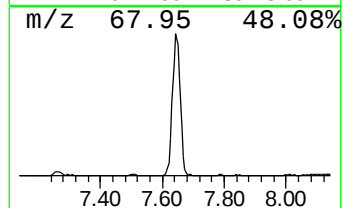
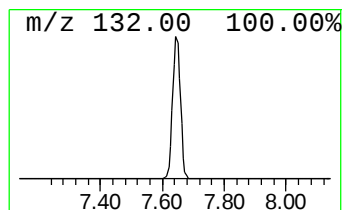
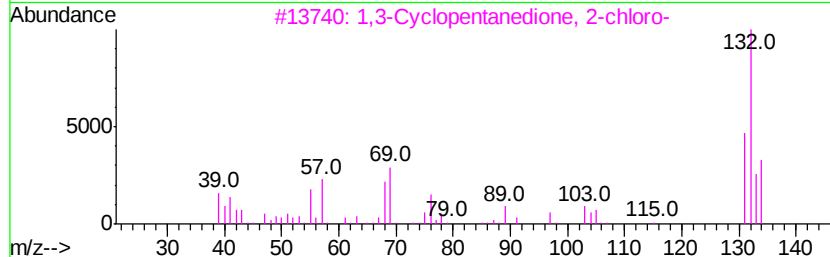
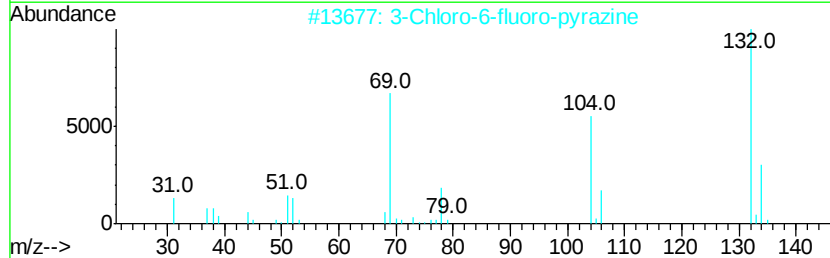
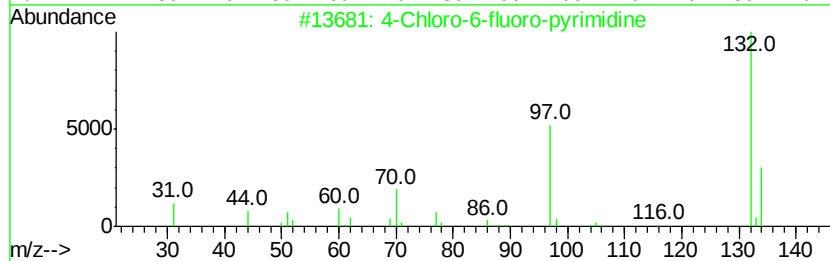
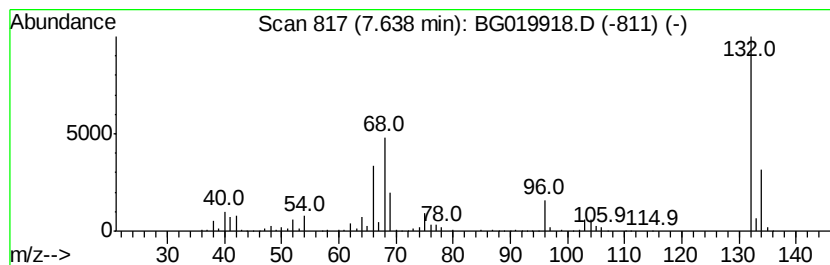
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	64.35 ng	988062	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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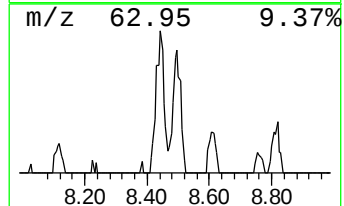
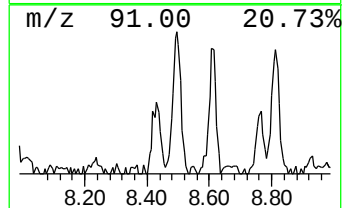
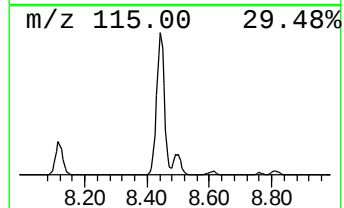
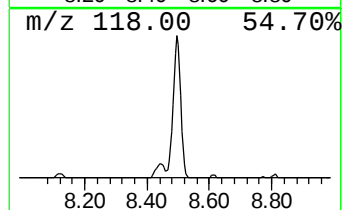
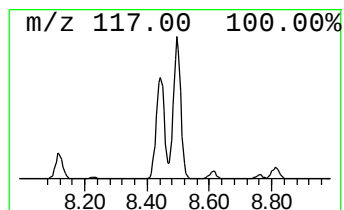
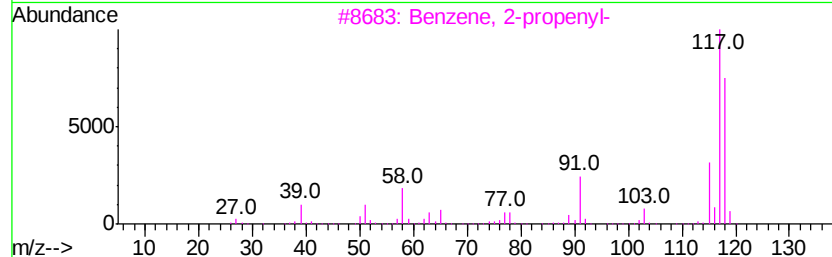
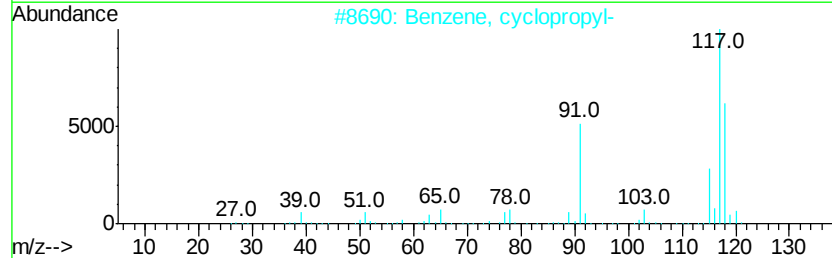
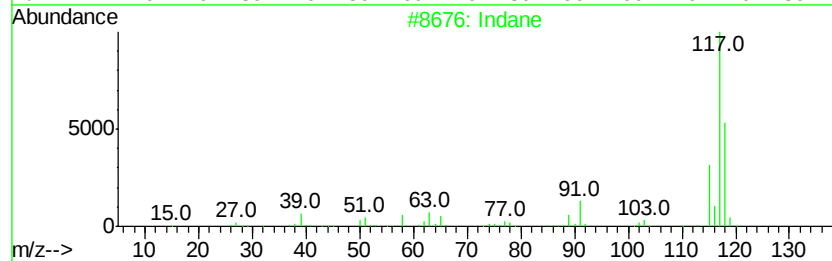
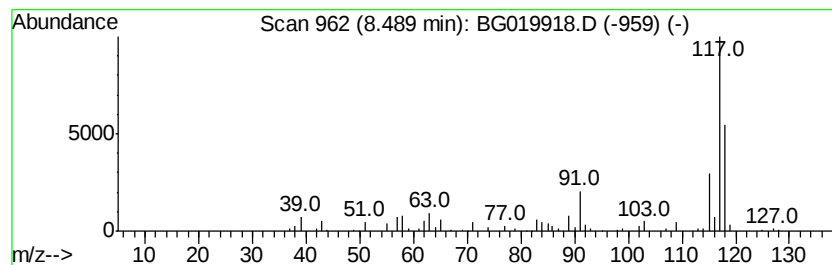
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Indane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	13.68 ng	210106	1,4-Dichlorobenzene-d4	8.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-		118	C9H10	000873-49-4	72
3	Benzene, 2-propenyl-		118	C9H10	000300-57-2	59
4	Bicyclo[4.2.0]octa-1,3,5-triene,...		118	C9H10	055337-80-9	58
5	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	46



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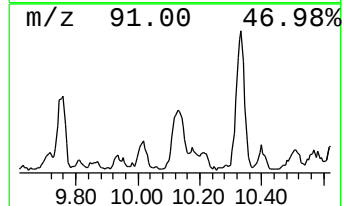
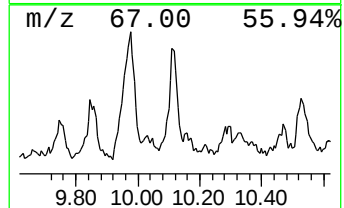
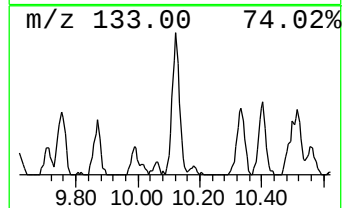
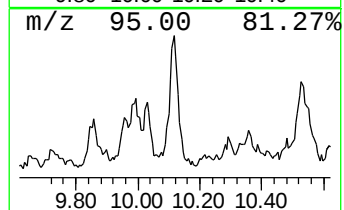
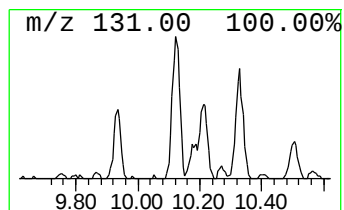
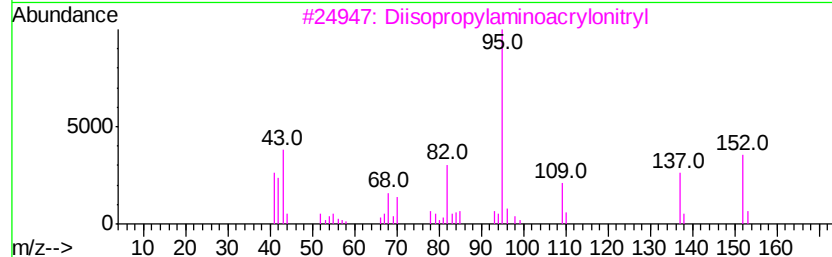
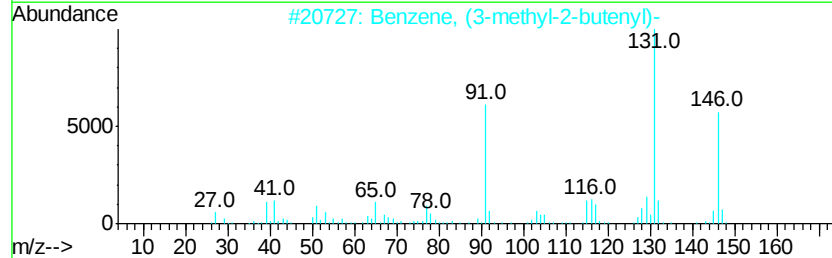
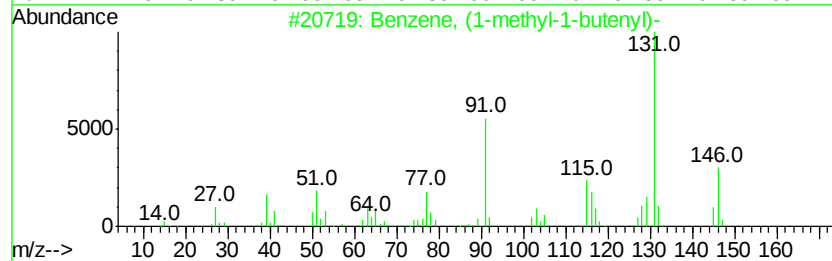
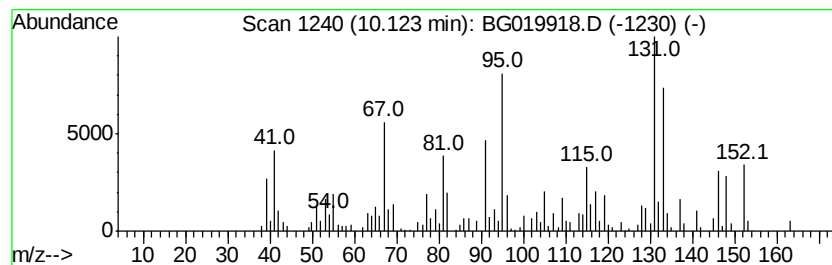
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Peak Number 4 unknown10.12 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	15.59 ng	311342	Napthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	45
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	40
3		Diisopropylaminoacrylonitril	152	C9H16N2	038691-28-0	38
4		3-t-Butyl-6-methyl-2H-pyran	152	C10H16O	1000188-12-8	30
5		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019918.D
Acq On : 4 Dec 2015 23:39
Operator : UM/NP
Sample : G4630-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

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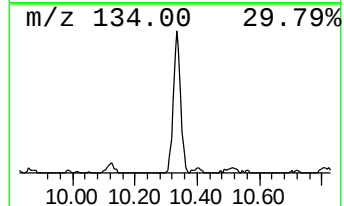
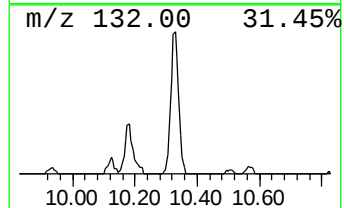
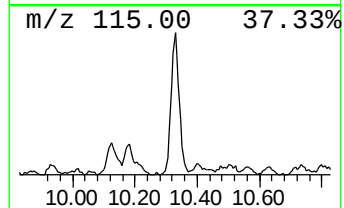
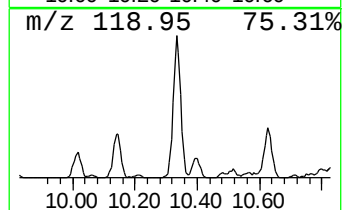
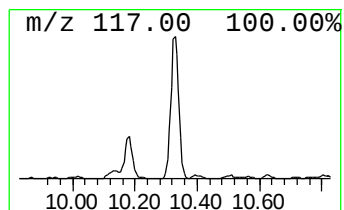
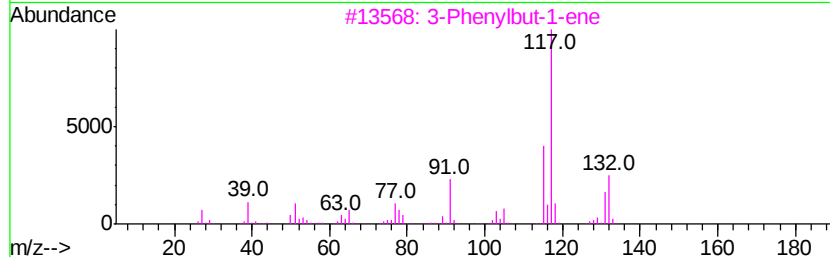
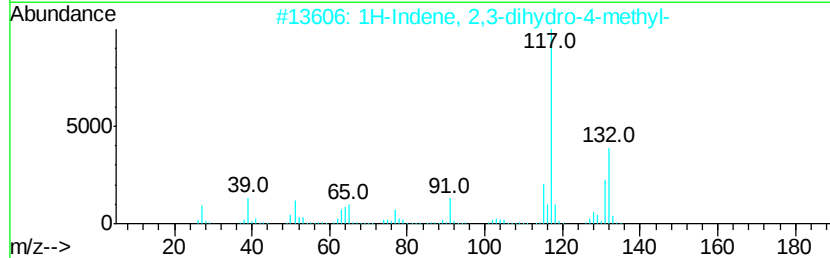
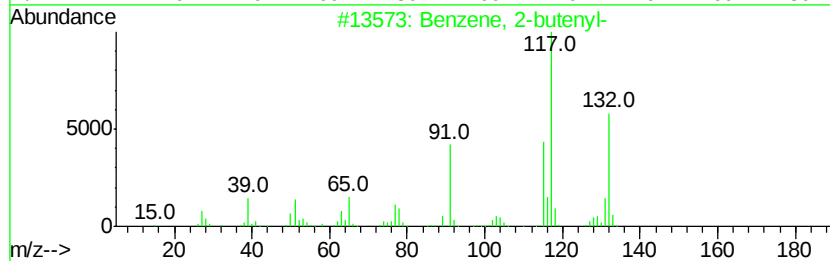
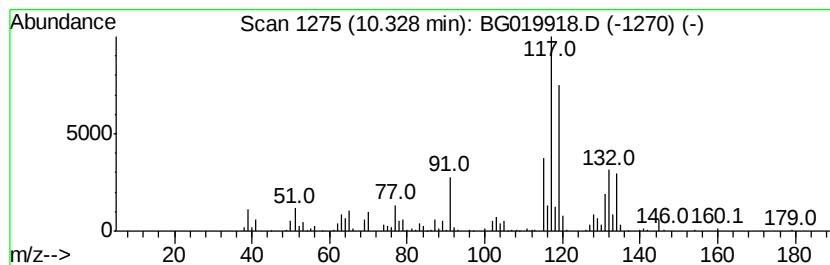
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 2-butenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	19.73 ng	393881	Naphthalene-d8	10.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	55
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019918.D
Acq On : 4 Dec 2015 23:39
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Misc :
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Instrument :
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ClientSampleID :
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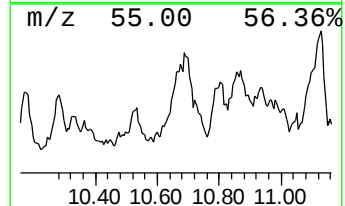
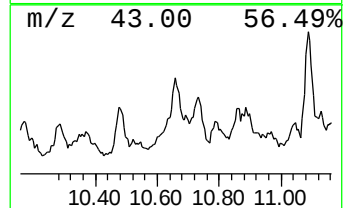
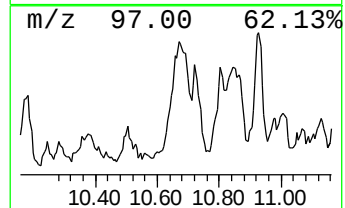
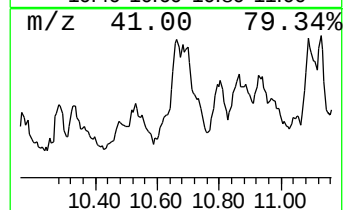
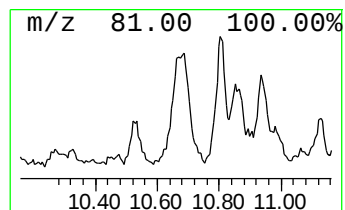
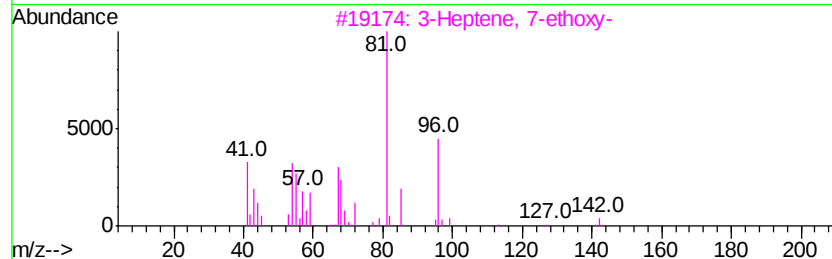
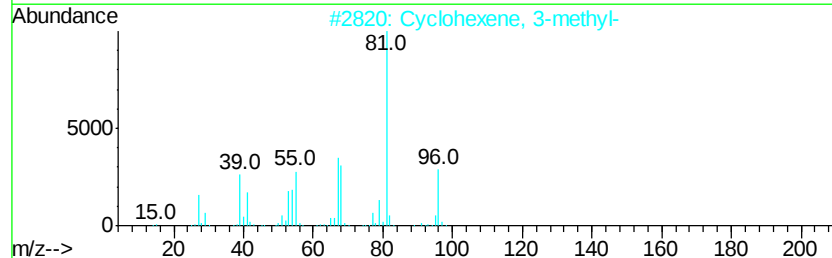
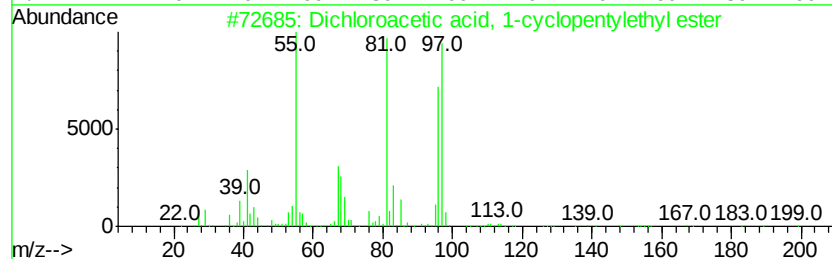
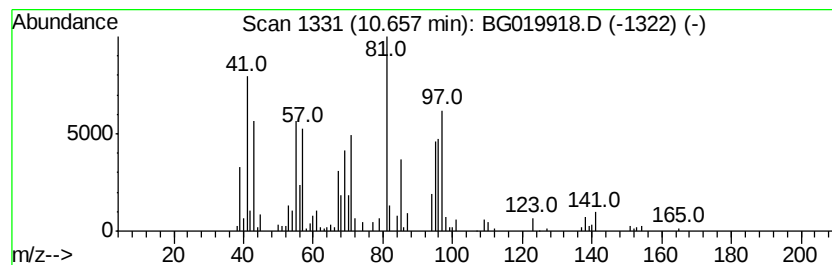
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.66 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	14.77 ng	294847	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, 1-cvclopent...	224	C9H14Cl2O2	1000282-56-3	47
2		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	35
3		3-Heptene, 7-ethoxy-	142	C9H18O	055320-24-6	35
4		6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1000193-87-2	35
5		6-Methyl-bicyclo[4.2.0]octan-7-ol	140	C9H16O	1000193-87-3	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019918.D
Acq On : 4 Dec 2015 23:39
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Sample : G4630-04
Misc :
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Instrument :
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ClientSampleId :
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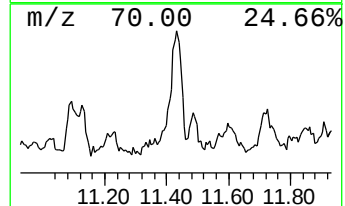
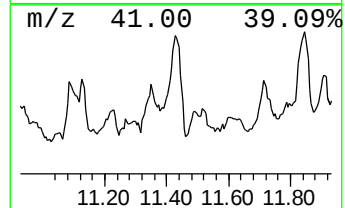
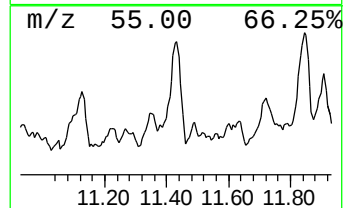
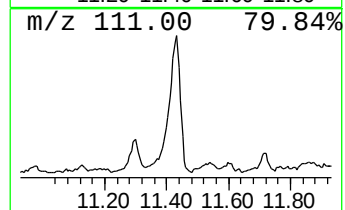
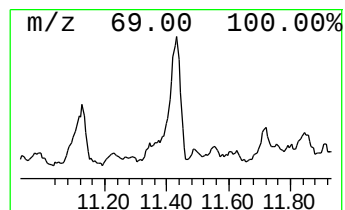
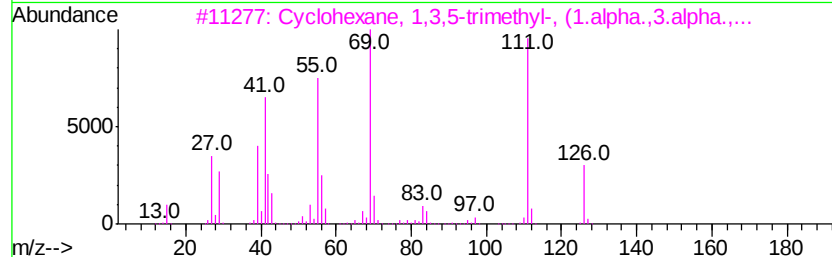
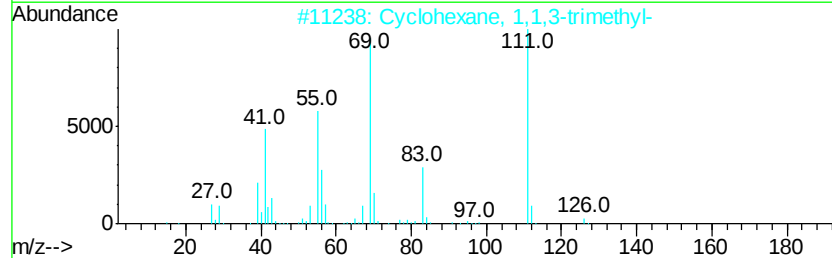
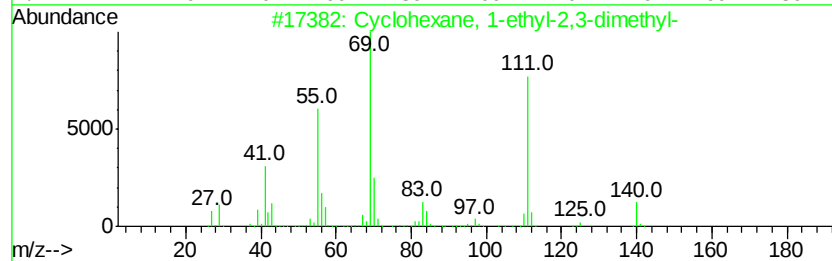
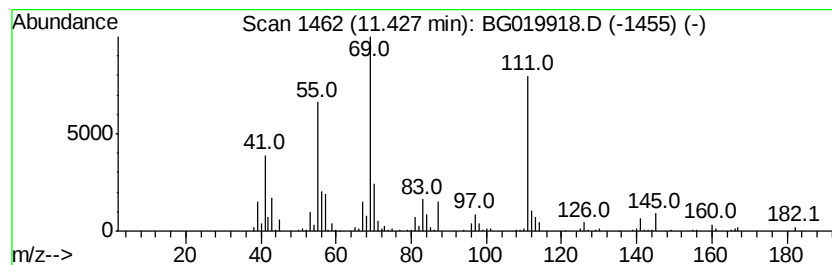
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, 1-ethyl-2,3-di... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	27.67 ng	552377	Napthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	72
2		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
3		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	64
4		Cyclohexane, 1-ethyl-1,4-dimethyl...	140	C10H20	062238-30-6	64
5		Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019918.D
Acq On : 4 Dec 2015 23:39
Operator : UM/NP
Sample : G4630-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

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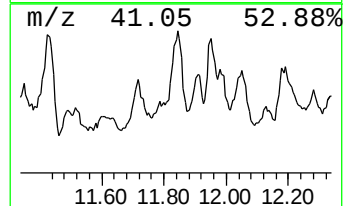
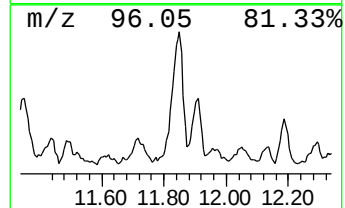
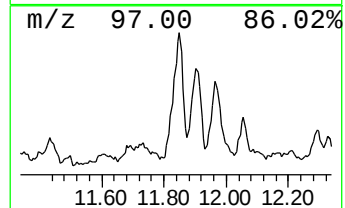
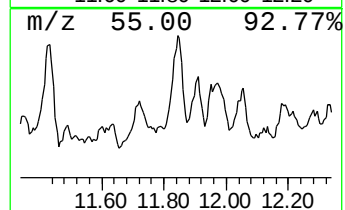
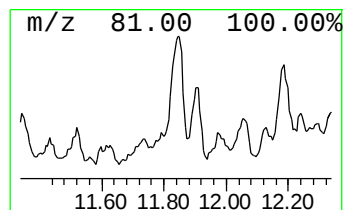
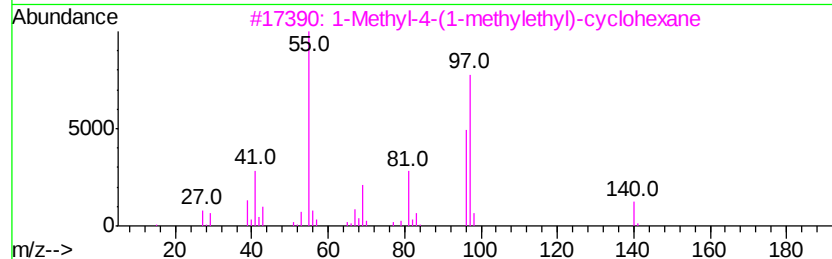
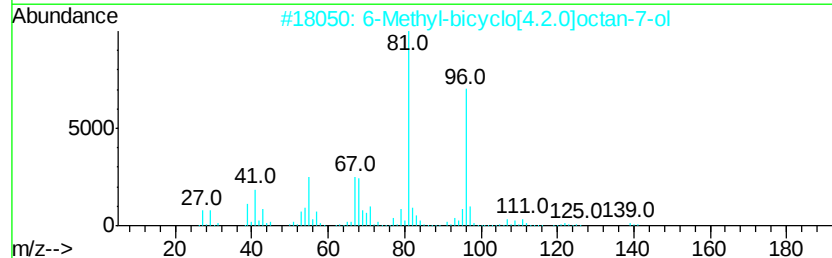
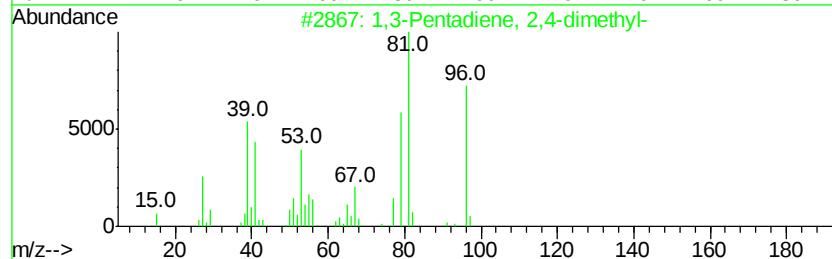
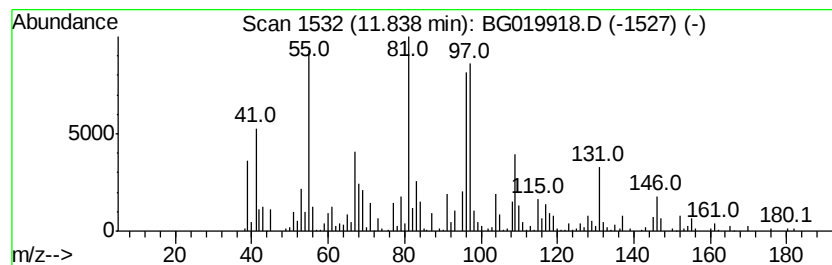
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown11.84 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	21.57 ng	430714	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	41
2		6-Methyl-bicyclo[4.2.0]octan-7-ol	140	C9H16O	1000193-87-3	41
3		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	35
4		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	35
5		Furan, 2-ethyl-	96	C6H8O	003208-16-0	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019918.D
Acq On : 4 Dec 2015 23:39
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Sample : G4630-04
Misc :
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Instrument :
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ClientSampleId :
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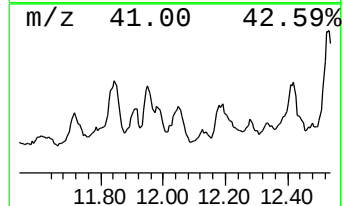
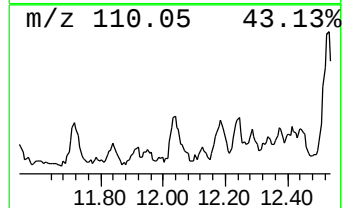
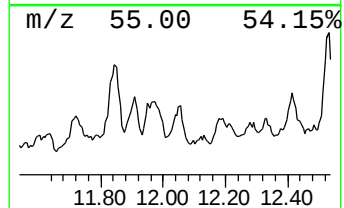
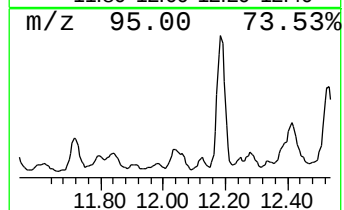
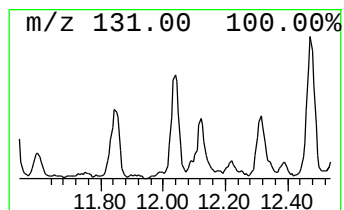
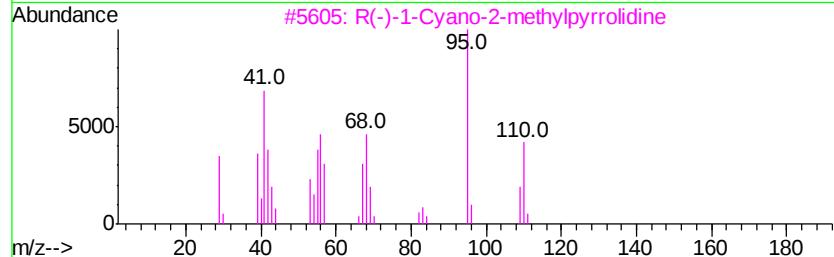
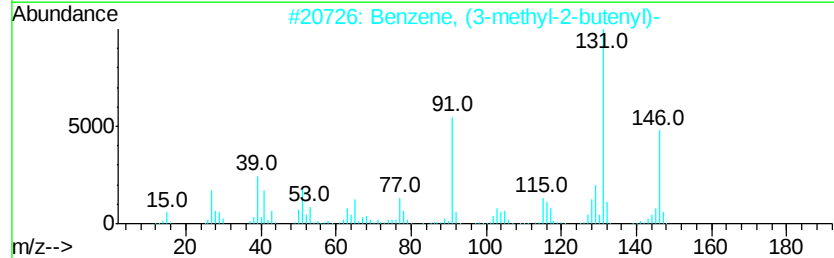
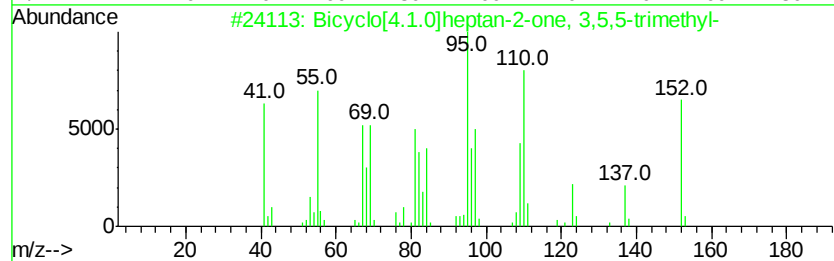
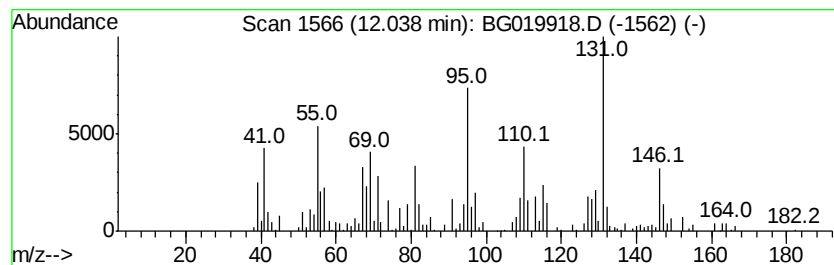
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	18.04 ng	360148	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	35
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	25
3		R(-)-1-Cyano-2-methylpyrrolidine	110	C6H10N2	1000145-01-8	22
4		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	20
5		2,4-Hexadiene, 3,4-dimethyl-, (Z...	110	C8H14	021293-01-6	20



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019918.D
Acq On : 4 Dec 2015 23:39
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Sample : G4630-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

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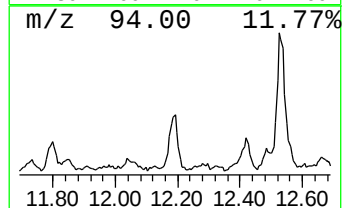
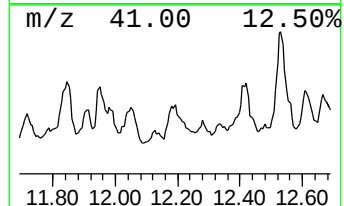
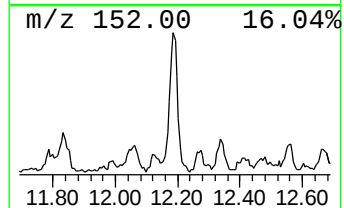
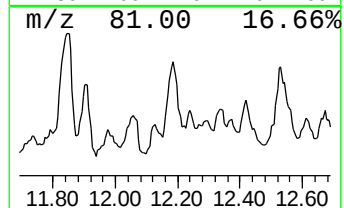
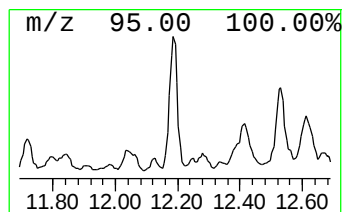
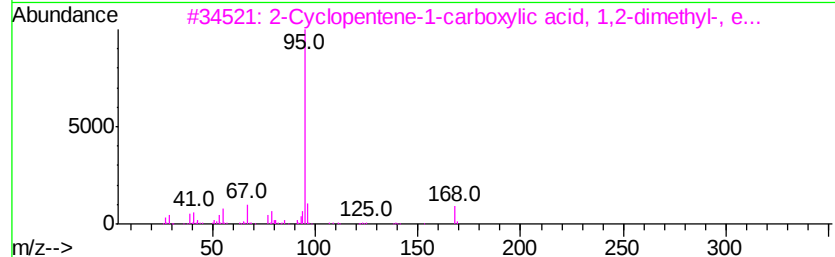
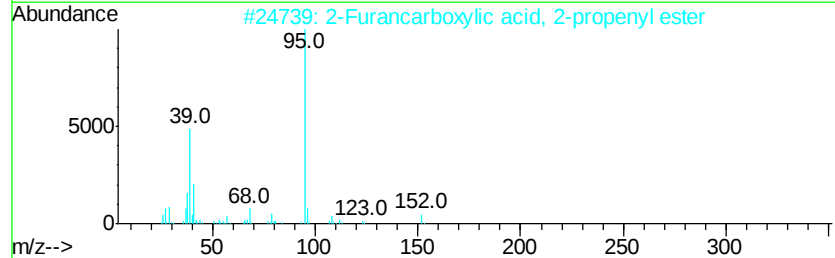
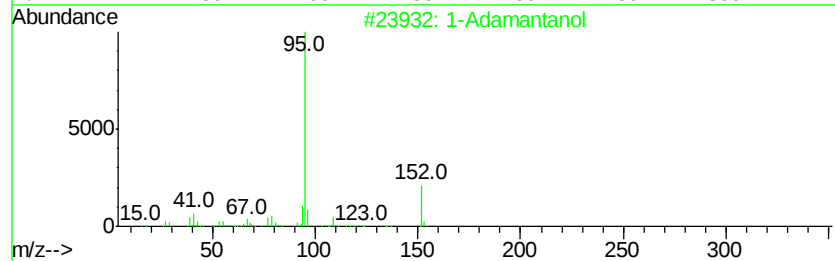
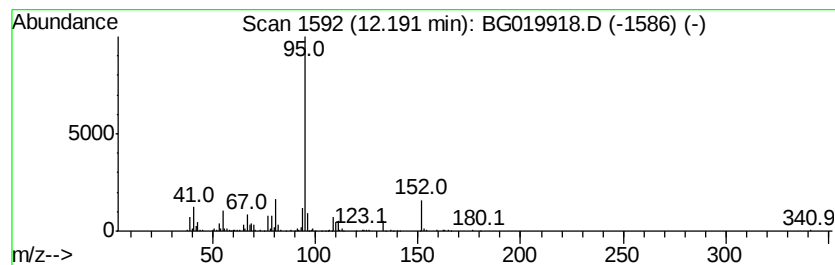
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Adamantanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	18.50 ng	369350	Napthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Adamantanol	152	C10H16O	000768-95-6	80
2		2-Furancarboxylic acid, 2-propen...	152	C8H8O3	004208-49-5	59
3		2-Cyclopentene-1-carboxylic acid...	168	C10H16O2	005809-03-0	53
4		5,6-Dibromo-5-methyl-hex-1-ene	254	C7H12Br2	1000192-24-6	53
5		Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019918.D
Acq On : 4 Dec 2015 23:39
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Sample : G4630-04
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ClientSampleId :
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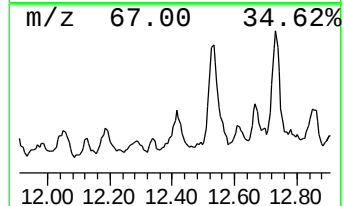
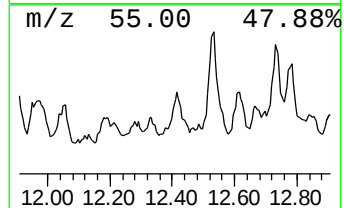
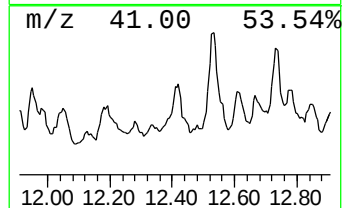
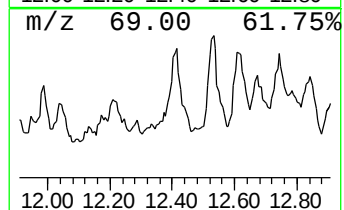
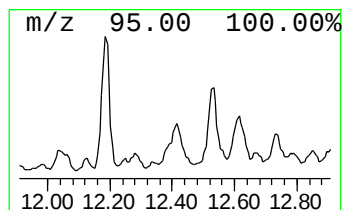
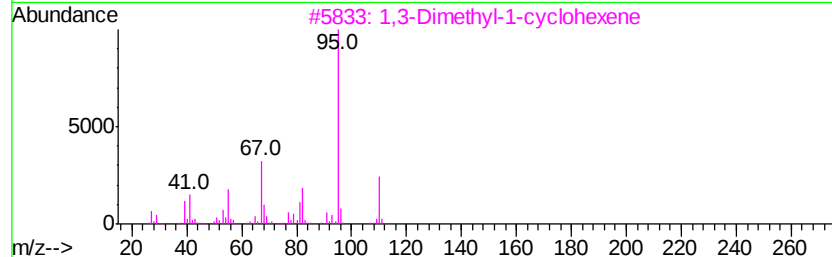
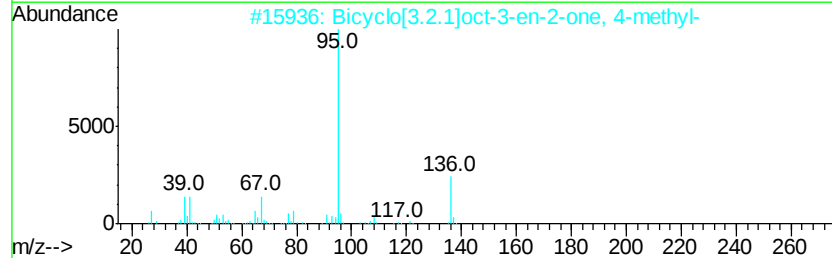
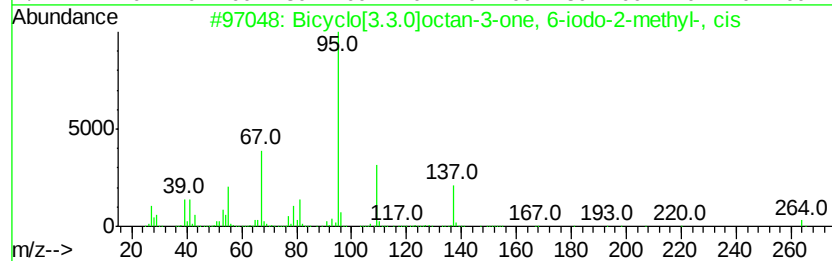
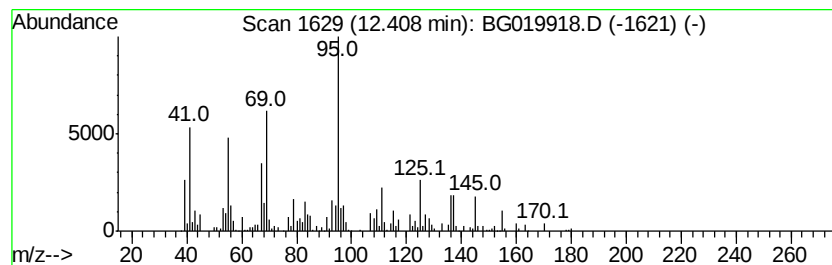
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.41 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	21.80 ng	435333	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.3.0]octan-3-one, 6-iodo...	264	C9H13IO	1000150-13-4	47
2		Bicyclo[3.2.1]oct-3-en-2-one, 4-...	136	C9H12O	062702-89-0	43
3		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	43
4		.alpha.-Santoline alcohol	154	C10H18O	090823-36-2	43
5		Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019918.D
Acq On : 4 Dec 2015 23:39
Operator : UM/NP
Sample : G4630-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

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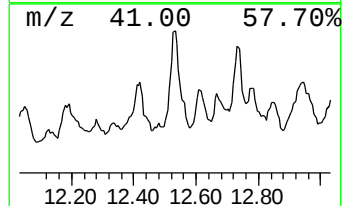
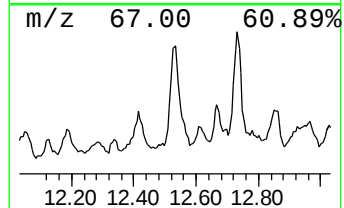
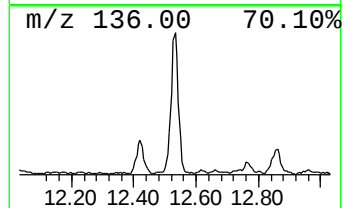
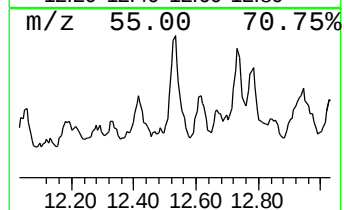
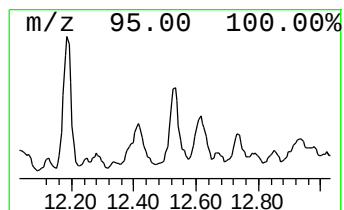
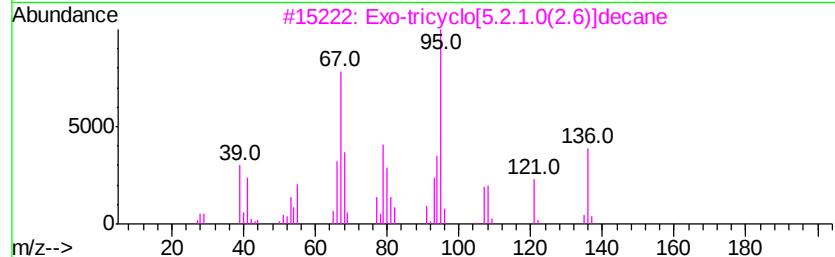
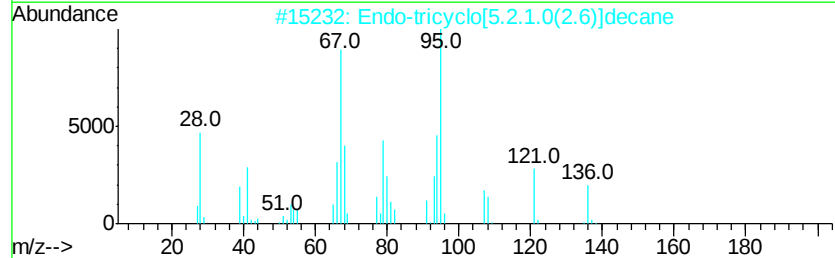
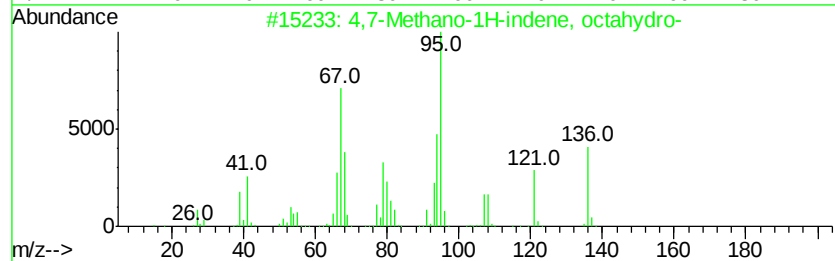
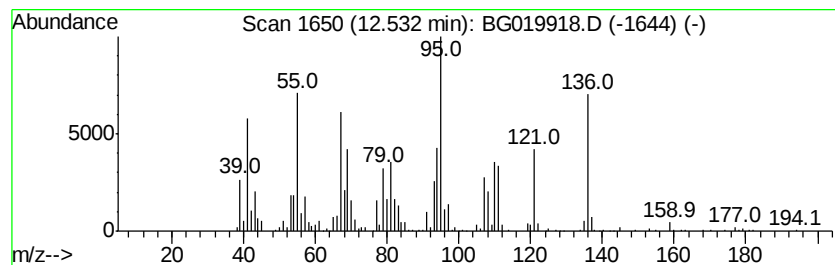
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4,7-Methano-1H-indene, octa... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	36.94 ng	737511	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	90
2		Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	81
3		Exo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-7	81
4		1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	76
5		1.alpha., 4a.beta., 8a.alpha.-De...	154	C10H18O	036159-47-4	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019918.D
Acq On : 4 Dec 2015 23:39
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Misc :
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ClientSampleId :
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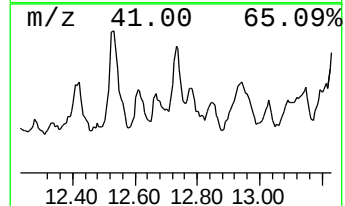
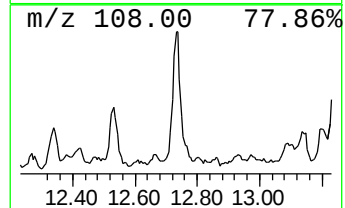
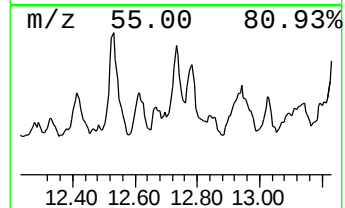
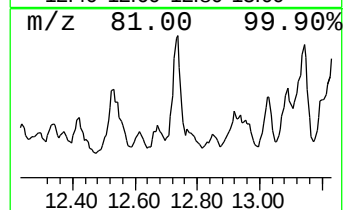
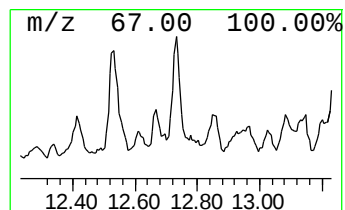
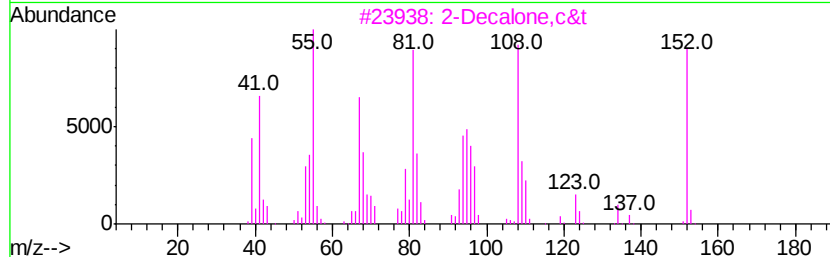
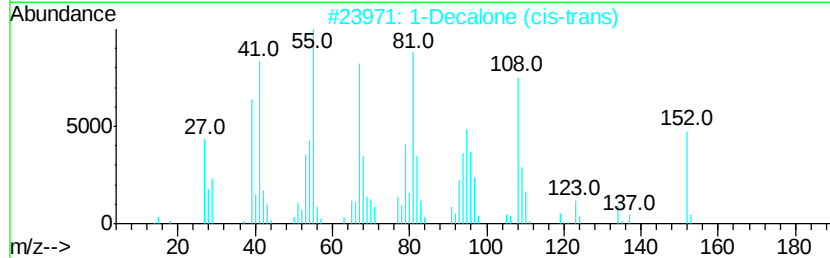
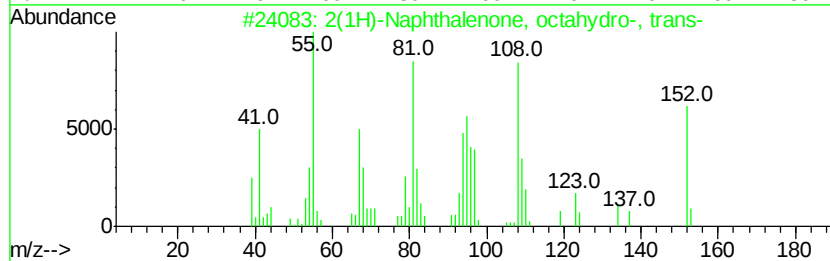
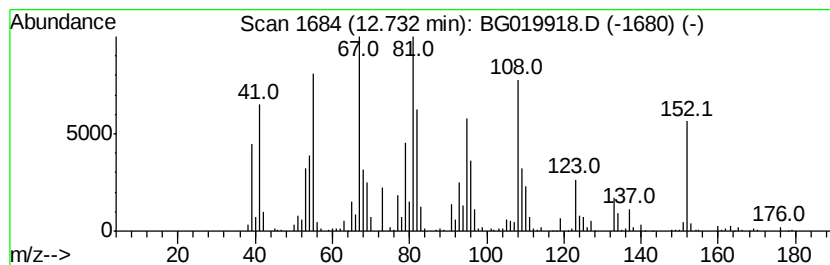
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2(1H)-Naphthalenone, octahydro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	22.08 ng	440792	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	91
2		1-Decalone (cis-trans)	152	C10H16O	004832-16-0	89
3		2-Decalone, c&t	152	C10H16O	004832-17-1	83
4		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	70
5		Camphor	152	C10H16O	000076-22-2	60



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019918.D
Acq On : 4 Dec 2015 23:39
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Sample : G4630-04
Misc :
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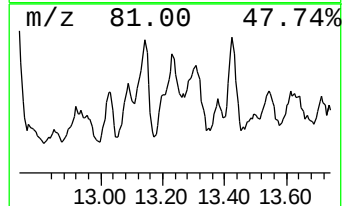
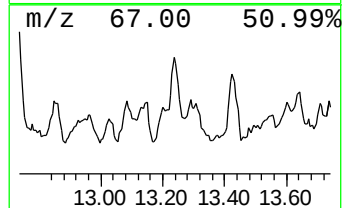
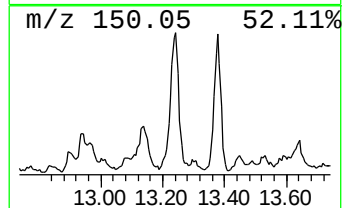
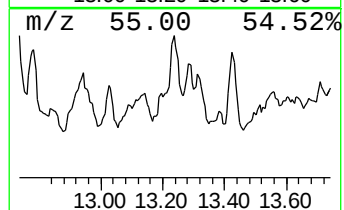
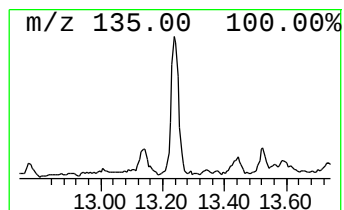
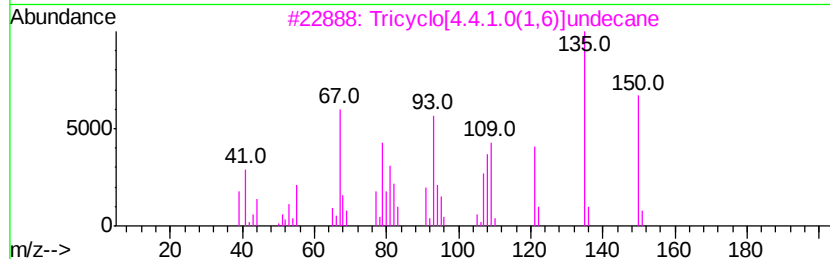
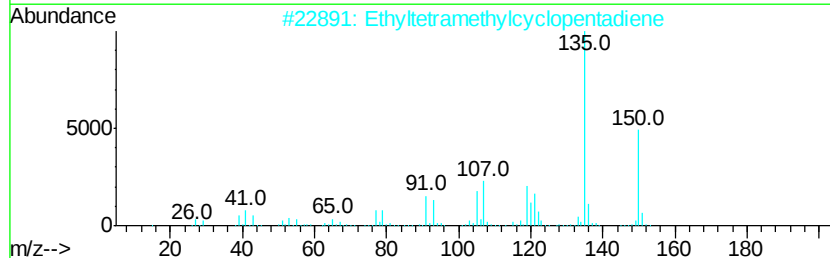
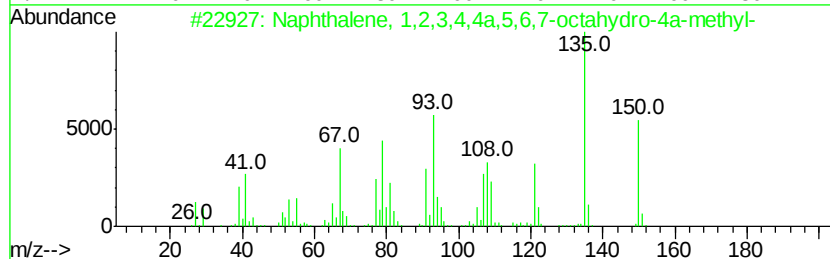
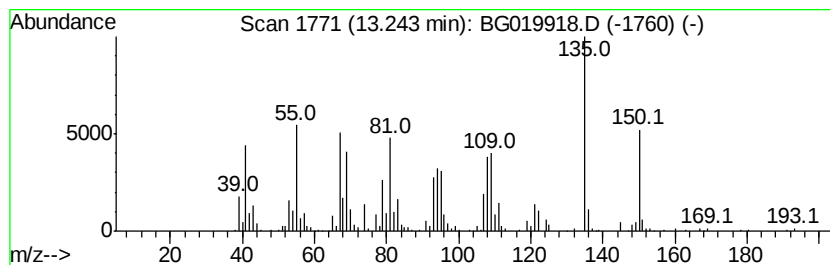
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	16.83 ng	739375	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	59
2		Ethyltetramethylcyclopentadiene	150	C11H18	057693-77-3	50
3		Tricyclo[4.4.1.0(1,6)]undecane	150	C11H18	006571-73-9	49
4		2,5-Dimethyl-3-isopropylpvrzine	150	C9H14N2	013610-20-3	46
5		Cyclohexanone, 2-(2-butyryl)-	150	C10H14O	054166-48-2	45



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
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Misc :
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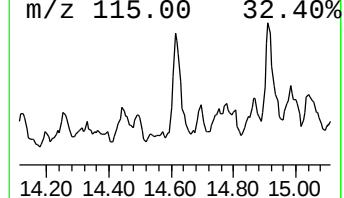
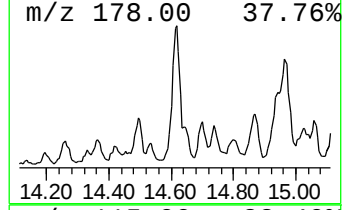
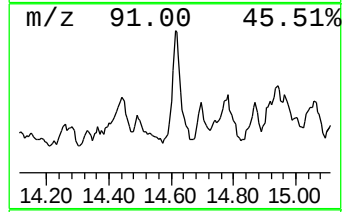
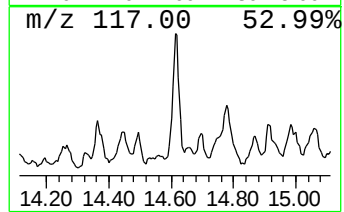
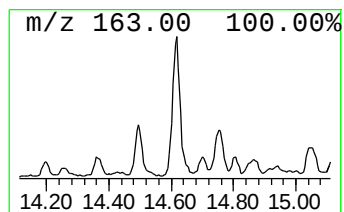
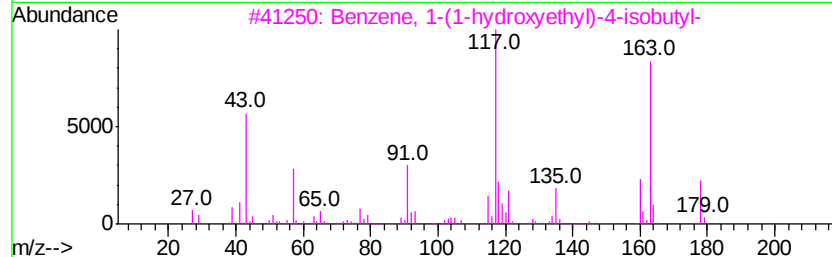
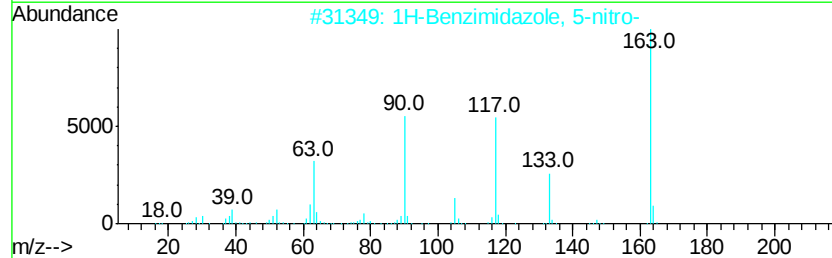
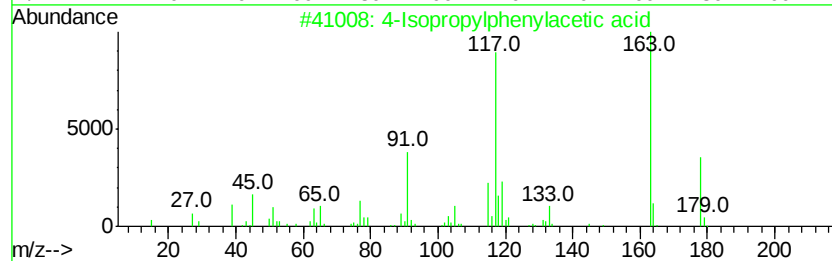
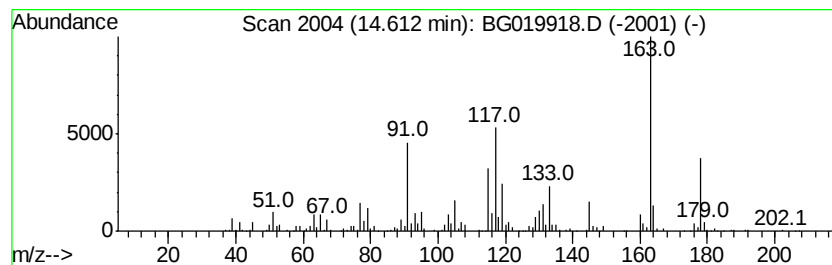
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 4-Isopropylphenylacetic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.61	17.06 ng	749247	Acenaphthene-d10		14.75	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	58
2		1H-Benzimidazole, 5-nitro-	163	C7H5N3O2	000094-52-0	52
3		Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	50
4		Benzonitrile, 2-amino-5-nitro-	163	C7H5N3O2	017420-30-3	50
5		Propofol	178	C12H18O	002078-54-8	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019918.D
Acq On : 4 Dec 2015 23:39
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Sample : G4630-04
Misc :
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Instrument :
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ClientSampleId :
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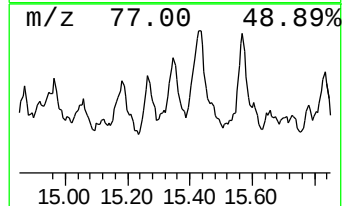
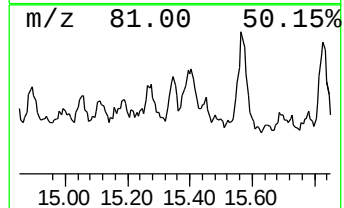
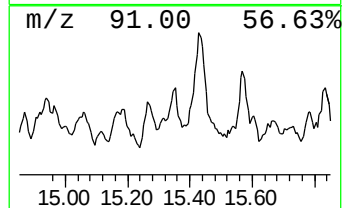
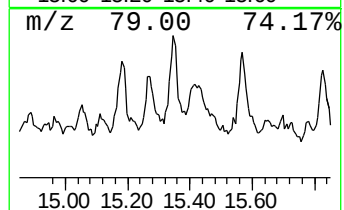
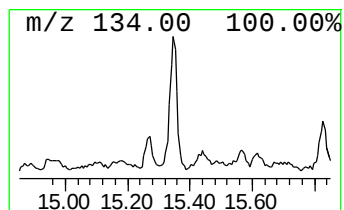
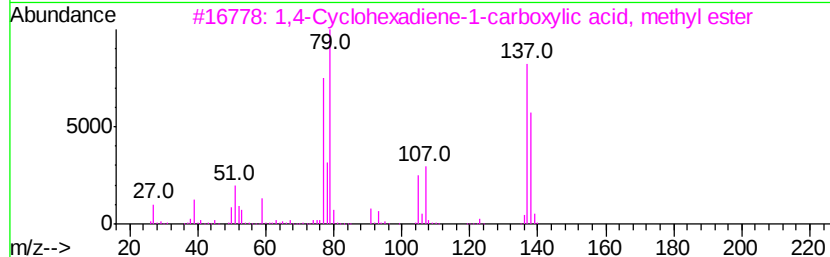
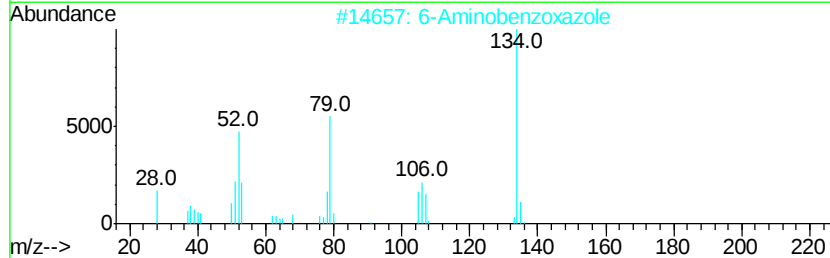
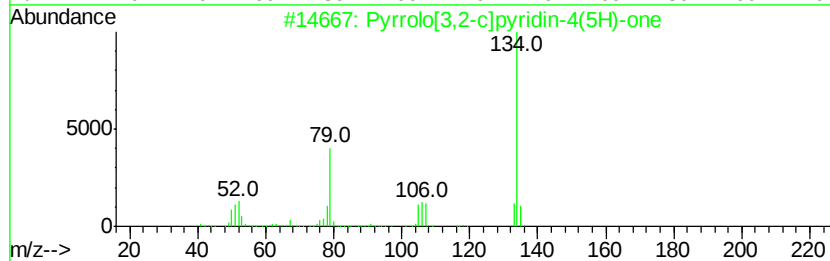
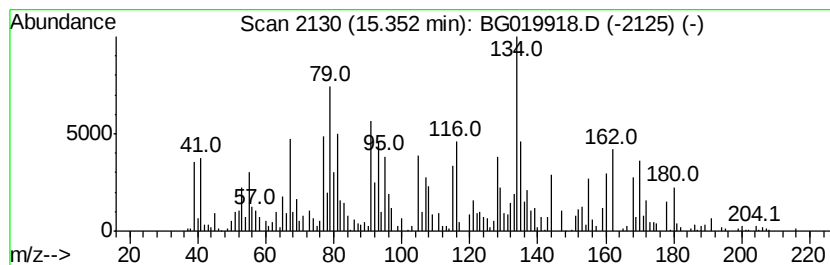
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.35 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	15.17 ng	666415	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrrolo[3,2-c]pyridin-4(5H)-one	134	C7H6N2O	054415-77-9	43
2		6-Aminobenzoxazole	134	C7H6N2O	177492-52-3	38
3		1,4-Cyclohexadiene-1-carboxylic ...	138	C8H10O2	050983-21-6	35
4		4-Tridecen-6-yne, (E)-	178	C13H22	074744-43-7	25
5		4-Tridecen-6-yne, (Z)-	178	C13H22	074744-42-6	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019918.D
Acq On : 4 Dec 2015 23:39
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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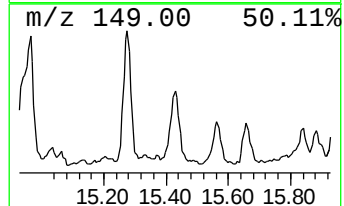
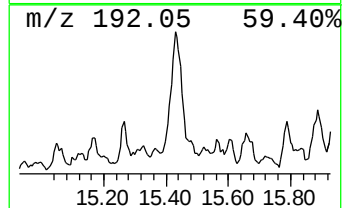
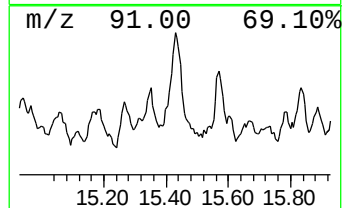
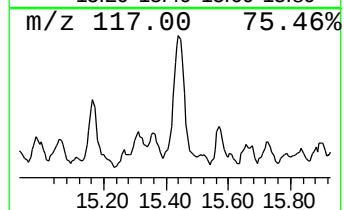
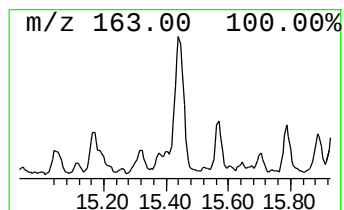
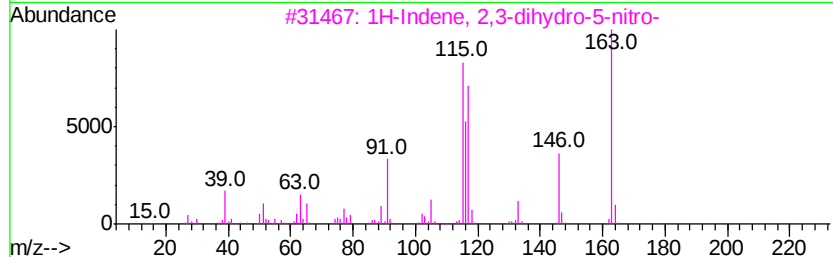
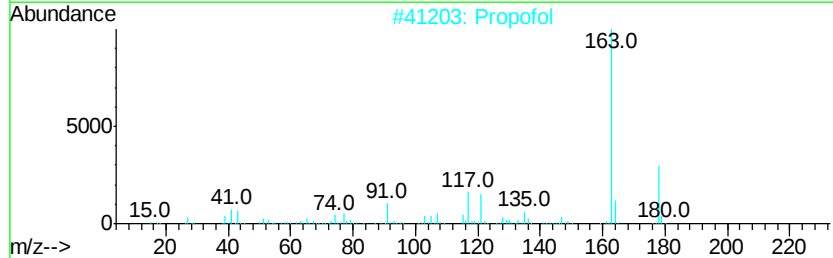
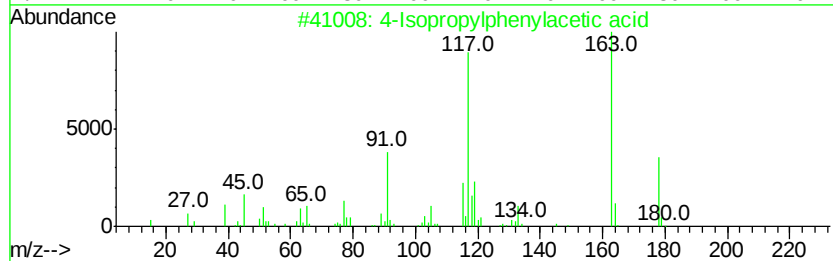
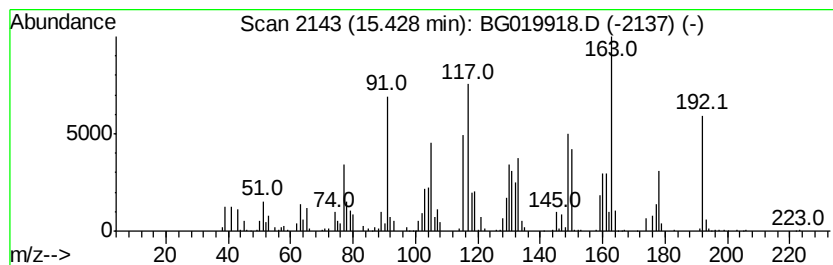
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown15.43 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	30.34 ng	1332600	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	46
2		Propofol	178	C12H18O	002078-54-8	45
3		1H-Indene, 2,3-dihydro-5-nitro-	163	C9H9NO2	007436-07-9	35
4		TRANS-2-PHENYL-1-CYCLOPROPANECAR...	161	C10H11NO	1000072-84-3	25
5		Cyclohexene, 3-methylene-4-(1,2-...	132	C10H12	068377-81-1	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019918.D
Acq On : 4 Dec 2015 23:39
Operator : UM/NP
Sample : G4630-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-36

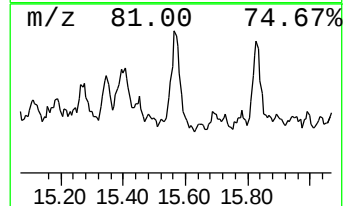
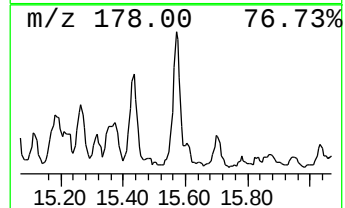
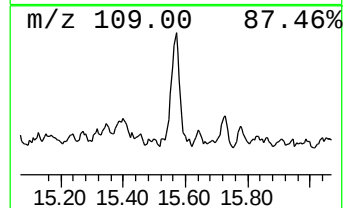
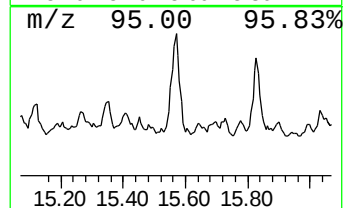
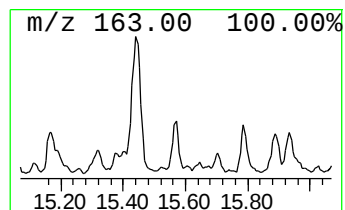
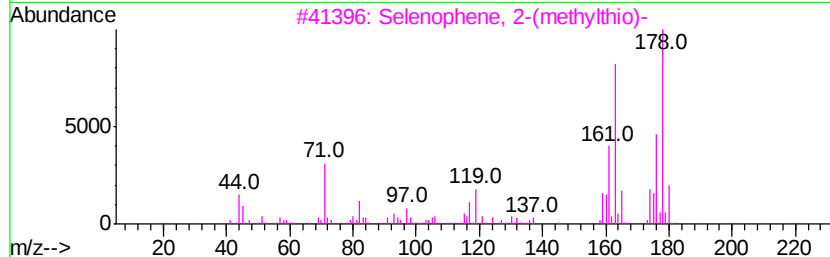
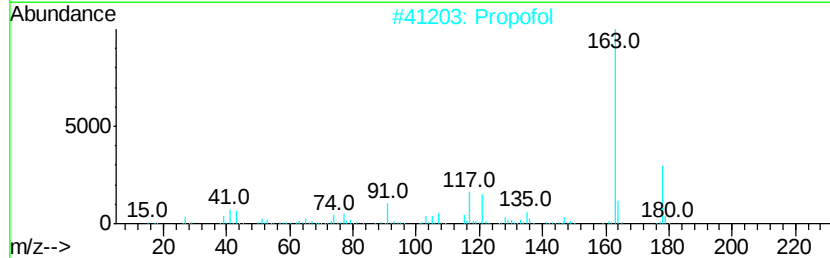
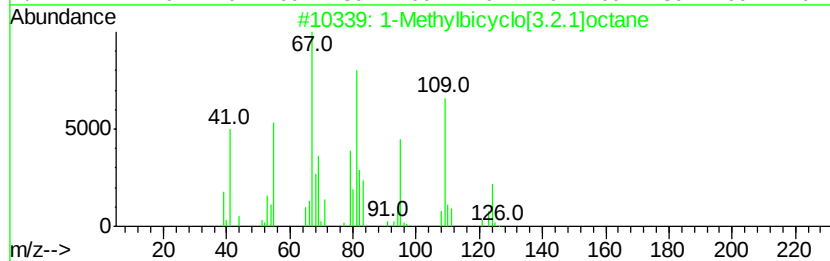
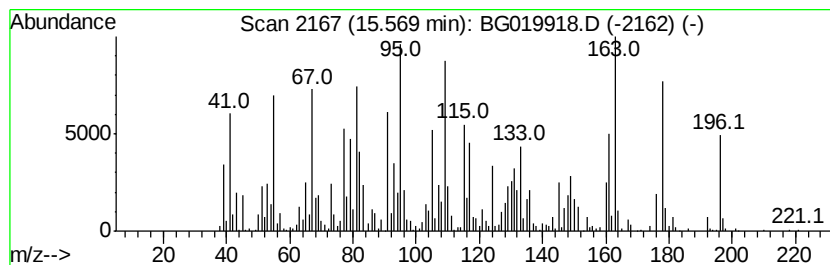
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown15.57 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	16.93 ng	743450	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	38
2		Propofol	178	C12H18O	002078-54-8	38
3		Selenophene, 2-(methylthio)-	178	C5H6SSe	031053-54-0	27
4		2-Propenoic acid, 3-(4-methoxyph...	178	C10H10O3	000830-09-1	25
5		9-Borabicyclo[3.3.1]nonane, 9-(2...	178	C11H19BO	1000162-57-7	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019918.D
Acq On : 4 Dec 2015 23:39
Operator : UM/NP
Sample : G4630-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-36

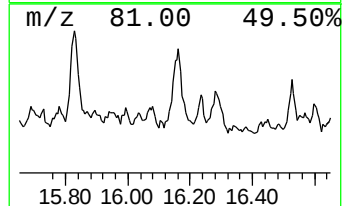
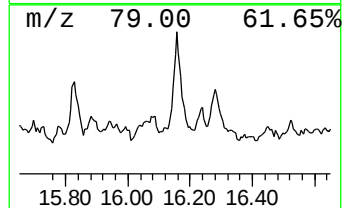
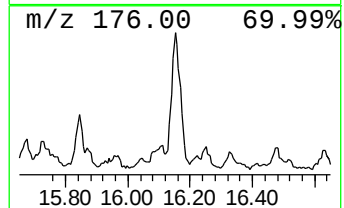
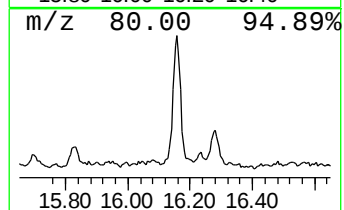
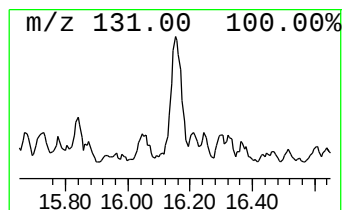
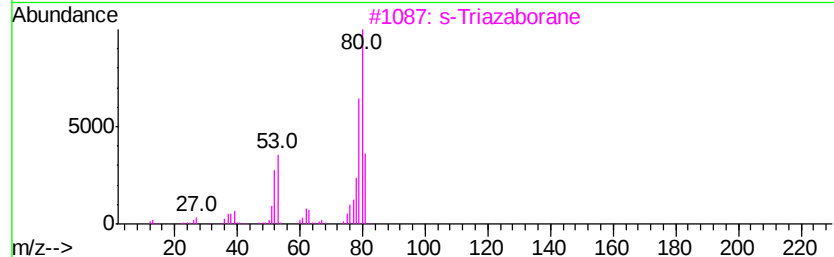
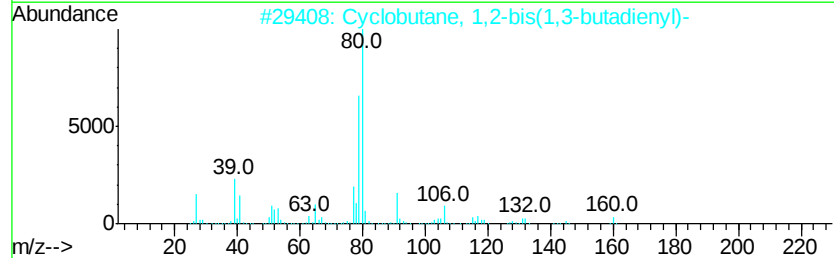
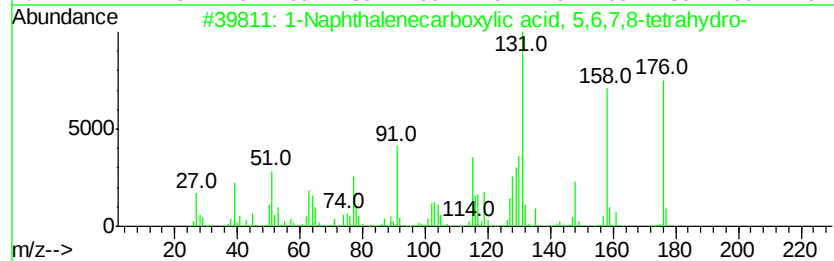
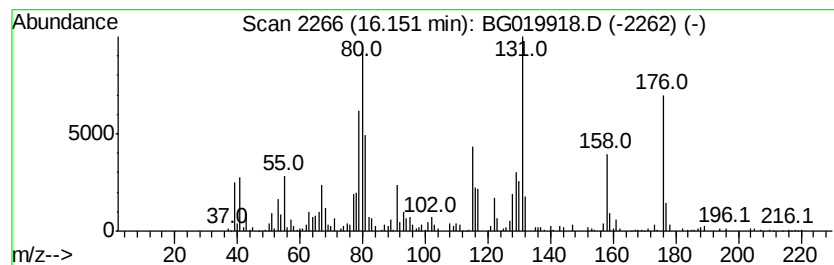
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Naphthalenecarboxylic aci... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	14.52 ng	502323	Phenanthrene-d10	17.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	60
2		Cyclobutane, 1,2-bis(1,3-butadie...	160	C12H16	080344-53-2	43
3		s-Triazaborane	81	B3H6N3	006569-51-3	38
4		1H-Pyrrole, 2-ethyl-	95	C6H9N	001551-06-0	38
5		2-Hexen-4-yne, (E)-	80	C6H8	033625-96-6	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120415\
 Data File : BG019918.D
 Acq On : 4 Dec 2015 23:39
 Operator : UM/NP
 Sample : G4630-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-36

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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
unknown7.64	7.64	64.3	ng	988062	1	8.12	307098	20.0
Indane	8.49	13.7	ng	210106	1	8.12	307098	20.0
unknown10.12	10.12	15.6	ng	311342	2	10.93	399324	20.0
Benzene, 2-butenyl-	10.33	19.7	ng	393881	2	10.93	399324	20.0
unknown10.66	10.66	14.8	ng	294847	2	10.93	399324	20.0
Cyclohexane, 1-et...	11.43	27.7	ng	552377	2	10.93	399324	20.0
unknown11.84	11.84	21.6	ng	430714	2	10.93	399324	20.0
unknown12.04	12.04	18.0	ng	360148	2	10.93	399324	20.0
1-Adamantanol	12.19	18.5	ng	369350	2	10.93	399324	20.0
unknown12.41	12.41	21.8	ng	435333	2	10.93	399324	20.0
4,7-Methano-1H-in...	12.53	36.9	ng	737511	2	10.93	399324	20.0
2(1H)-Naphthaleno...	12.73	22.1	ng	440792	2	10.93	399324	20.0
Naphthalene, 1,2,...	13.24	16.8	ng	739375	3	14.75	878514	20.0
4-Isopropylphenyl...	14.61	17.1	ng	749247	3	14.75	878514	20.0
unknown15.35	15.35	15.2	ng	666415	3	14.75	878514	20.0
unknown15.43	15.43	30.3	ng	1332600	3	14.75	878514	20.0
unknown15.57	15.57	16.9	ng	743450	3	14.75	878514	20.0
1-Naphthalenecarb...	16.15	14.5	ng	502323	4	17.49	691686	20.0