

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015966.D
 Acq On : 28 Jan 2015 3:45
 Operator : TP/IZ
 Sample : G1138-10
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 275B3

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-BG012015.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	2.829	18	24	32	rBV	321858	556997	6.98%	0.710%
2	2.905	32	37	47	rVB	443340	596157	7.47%	0.760%
3	4.215	255	260	270	rBV	423203	593300	7.43%	0.756%
4	4.814	357	362	367	rBV2	90122	136933	1.72%	0.174%
5	5.279	436	441	447	rBV	317837	481229	6.03%	0.613%
6	5.361	450	455	461	rVB3	219161	330794	4.14%	0.421%
7	6.836	700	706	708	rBV	197945	309580	3.88%	0.394%
8	6.865	708	711	722	rVB3	227784	484660	6.07%	0.618%
9	7.218	765	771	779	rBV	673635	1067413	13.37%	1.360%
10	7.335	785	791	797	rBV	1087694	1647035	20.64%	2.099%
11	7.682	842	850	857	rBV	536097	879396	11.02%	1.120%
12	7.799	863	870	878	rVB	638474	1024591	12.84%	1.305%
13	8.005	895	905	910	rBV	1249752	2026194	25.39%	2.582%
14	8.052	910	913	920	rVB3	323646	505506	6.33%	0.644%
15	8.316	953	958	964	rBV3	69182	122843	1.54%	0.157%
16	8.481	980	986	993	rBV2	126740	229796	2.88%	0.293%
17	8.633	1006	1012	1016	rBV	192719	280135	3.51%	0.357%
18	8.686	1016	1021	1027	rVB2	177321	272545	3.41%	0.347%
19	8.786	1027	1038	1042	rBV	316854	520271	6.52%	0.663%
20	8.839	1042	1047	1059	rVB2	1162602	2300617	28.83%	2.931%
21	9.115	1085	1094	1100	rBV2	143042	258686	3.24%	0.330%
22	9.303	1122	1126	1131	rVV2	177313	260374	3.26%	0.332%
23	9.362	1131	1136	1144	rVB	300604	452627	5.67%	0.577%
24	9.673	1183	1189	1192	rBV8	53715	120372	1.51%	0.153%
25	9.720	1192	1197	1206	rVB	286307	519311	6.51%	0.662%
26	9.873	1211	1223	1230	rBV2	911066	1631734	20.44%	2.079%
27	10.102	1257	1262	1268	rVB	500225	786996	9.86%	1.003%
28	10.467	1318	1324	1328	rVV2	705162	1363714	17.09%	1.738%
29	10.520	1328	1333	1340	rVV	1374873	2268542	28.42%	2.890%
30	10.584	1340	1344	1348	rVV2	143105	214190	2.68%	0.273%
31	10.843	1381	1388	1393	rBV5	65252	111652	1.40%	0.142%
32	10.937	1397	1404	1411	rVB3	139817	299185	3.75%	0.381%
33	11.048	1417	1423	1427	rBV	134868	221049	2.77%	0.282%
34	11.131	1432	1437	1443	rVV2	133952	210436	2.64%	0.268%

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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.289	1459	1464	1469	rVB2	143411	225454	2.82%	0.287%
36	11.383	1474	1480	1487	rVB	191590	331735	4.16%	0.423%
37	11.495	1495	1499	1502	rBV4	77611	129447	1.62%	0.165%
38	11.571	1505	1512	1518	rVV5	170524	379112	4.75%	0.483%
39	11.665	1521	1528	1535	rVB3	372206	641498	8.04%	0.817%
40	11.789	1546	1549	1556	rVB2	228855	380694	4.77%	0.485%
41	11.853	1556	1560	1572	rBV4	143538	326103	4.09%	0.416%
42	12.024	1583	1589	1595	rVB3	293183	490947	6.15%	0.626%
43	12.135	1597	1608	1615	rVB	2237087	3736618	46.82%	4.761%
44	12.359	1638	1646	1657	rVB	2036249	3374951	42.29%	4.300%
45	12.864	1726	1732	1737	rBV5	135917	226720	2.84%	0.289%
46	12.946	1737	1746	1754	rBV	2972648	4416169	55.33%	5.627%
47	13.263	1795	1800	1806	rBV2	136187	258567	3.24%	0.329%
48	13.334	1807	1812	1813	rBV4	148609	231949	2.91%	0.296%
49	13.352	1813	1815	1818	rVB	144054	162679	2.04%	0.207%
50	13.493	1832	1839	1840	rBV2	578536	904326	11.33%	1.152%
51	13.651	1859	1866	1870	rBV	1080607	1935253	24.25%	2.466%
52	13.704	1870	1875	1881	rVB	787213	1124164	14.09%	1.432%
53	13.786	1885	1889	1892	rBV	314326	444546	5.57%	0.566%
54	13.886	1901	1906	1909	rBV	444623	683004	8.56%	0.870%
55	13.916	1909	1911	1918	rVB3	227838	309097	3.87%	0.394%
56	14.051	1930	1934	1939	rVB	315890	449203	5.63%	0.572%
57	14.333	1973	1982	1987	rBV2	1197497	1925981	24.13%	2.454%
58	14.391	1987	1992	1995	rVB5	148591	248028	3.11%	0.316%
59	14.532	2012	2016	2025	rVV6	153525	395325	4.95%	0.504%
60	14.626	2026	2032	2038	rVB8	87457	180109	2.26%	0.229%
61	14.732	2042	2050	2057	rVV2	327928	649933	8.14%	0.828%
62	14.809	2058	2063	2067	rVB2	231146	323924	4.06%	0.413%
63	14.950	2082	2087	2092	rBV2	226535	395465	4.95%	0.504%
64	15.003	2092	2096	2100	rVB2	177303	242961	3.04%	0.310%
65	15.102	2109	2113	2115	rBV5	127973	172378	2.16%	0.220%
66	15.149	2119	2121	2127	rVB5	125716	174164	2.18%	0.222%
67	15.296	2141	2146	2154	rVB9	82235	192526	2.41%	0.245%
68	15.379	2154	2160	2164	rBV5	297399	502871	6.30%	0.641%
69	15.420	2164	2167	2172	rVB6	126647	191177	2.40%	0.244%
70	15.508	2177	2182	2184	rVV3	363167	564249	7.07%	0.719%
71	15.537	2184	2187	2192	rVB2	534889	766692	9.61%	0.977%

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72	15.590	2192	2196	2200	rBV2	206982	283253	3.55%	0.361%
73	15.696	2207	2214	2219	rVB	759133	1193667	14.96%	1.521%
74	15.825	2229	2236	2243	rBV	1603625	2268541	28.42%	2.890%
75	16.072	2274	2278	2283	rVB4	335692	492828	6.17%	0.628%
76	16.436	2335	2340	2345	rBV2	215369	368949	4.62%	0.470%
77	16.894	2412	2418	2426	rVB5	258795	498455	6.25%	0.635%
78	17.077	2444	2449	2454	rBV2	1711703	2437413	30.54%	3.106%
79	17.124	2454	2457	2461	rVB	360191	456645	5.72%	0.582%
80	17.276	2479	2483	2488	rBV5	131660	192802	2.42%	0.246%
81	17.488	2514	2519	2524	rBV	349814	541628	6.79%	0.690%
82	17.811	2569	2574	2577	rBV7	66040	110709	1.39%	0.141%
83	17.958	2593	2599	2601	rBV3	149185	237246	2.97%	0.302%
84	18.005	2601	2607	2611	rVV	607635	971563	12.17%	1.238%
85	18.140	2626	2630	2635	rBV4	113986	164931	2.07%	0.210%
86	18.263	2647	2651	2654	rBV	137585	182796	2.29%	0.233%
87	18.305	2654	2658	2662	rVB3	200694	271228	3.40%	0.346%
88	18.404	2670	2675	2681	rVB4	248684	494694	6.20%	0.630%
89	18.498	2688	2691	2697	rVB8	76309	124791	1.56%	0.159%
90	18.710	2723	2727	2730	rBV4	121271	191031	2.39%	0.243%
91	18.739	2730	2732	2738	rVV3	107947	188079	2.36%	0.240%
92	18.792	2738	2741	2745	rVB2	173305	208365	2.61%	0.265%
93	18.869	2748	2754	2761	rVB5	183435	449614	5.63%	0.573%
94	19.027	2777	2781	2785	rVB4	111787	175481	2.20%	0.224%
95	19.092	2790	2792	2796	rVV5	103383	118162	1.48%	0.151%
96	19.139	2796	2800	2806	rVB6	77194	139364	1.75%	0.178%
97	19.715	2892	2898	2906	rBV	6588672	7981201	100.00%	10.169%
98	21.272	3157	3163	3168	rBV	2660464	3439399	43.09%	4.382%
99	22.441	3357	3362	3366	rBV8	45648	107907	1.35%	0.137%
100	23.528	3538	3547	3555	rBV	1507693	3020752	37.85%	3.849%

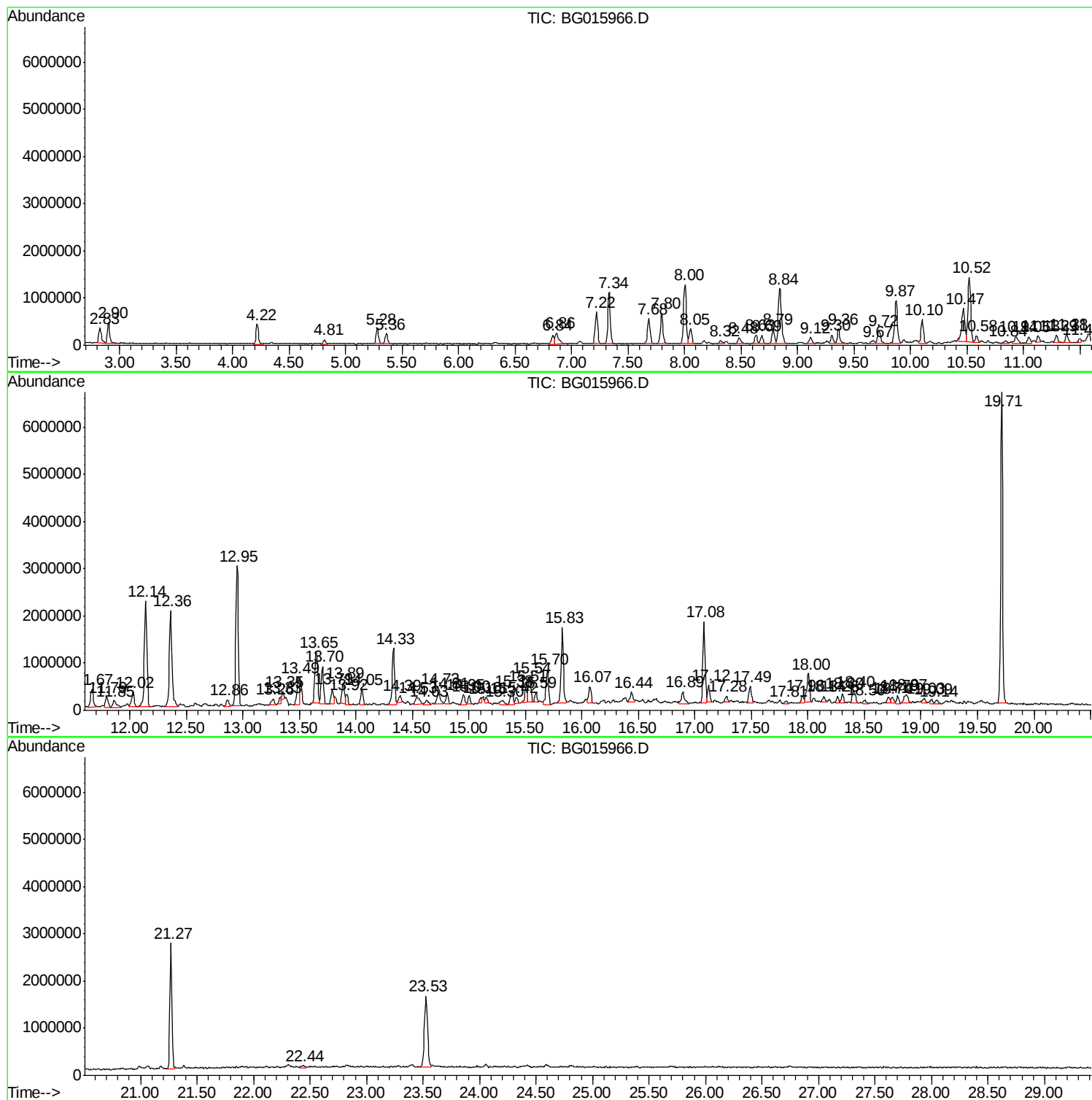
Sum of corrected areas: 78484373

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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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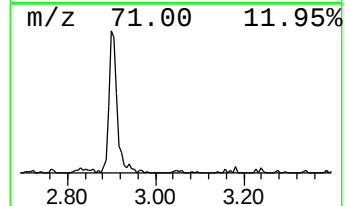
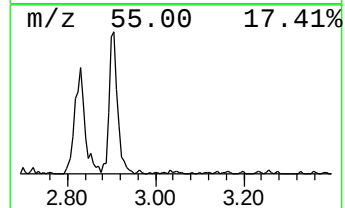
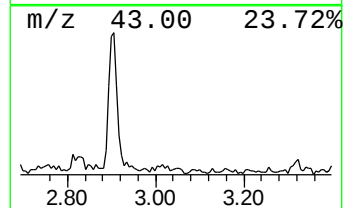
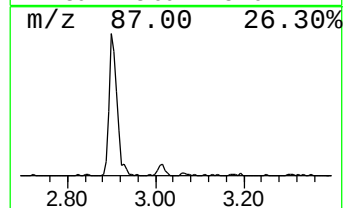
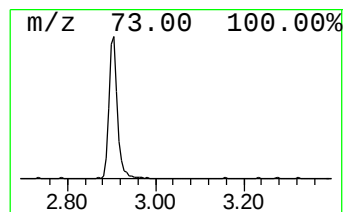
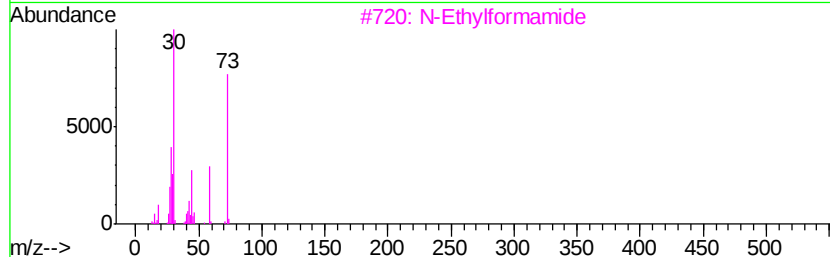
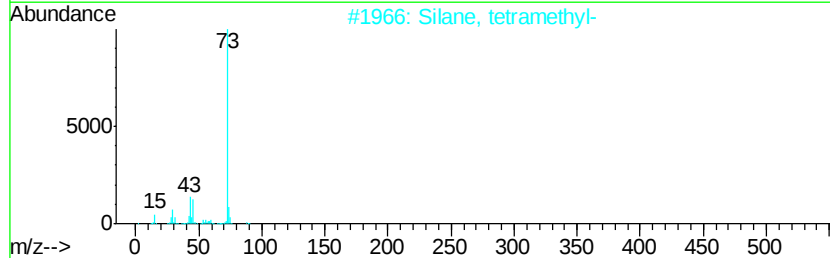
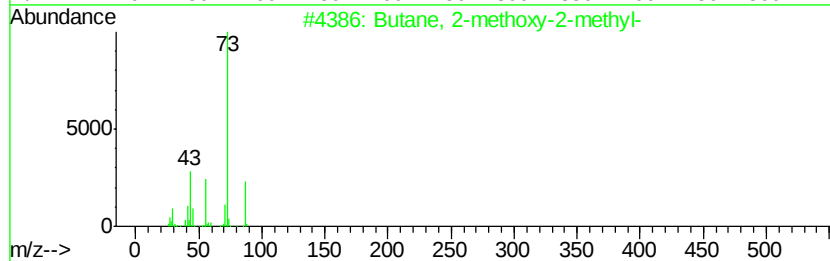
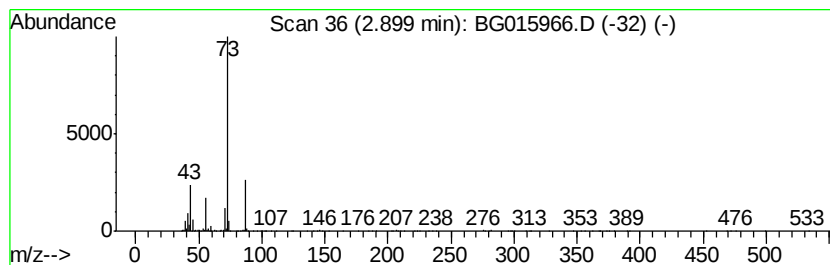
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	13.56 ng	596157	1,4-Dichlorobenzene-d4	7.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	9
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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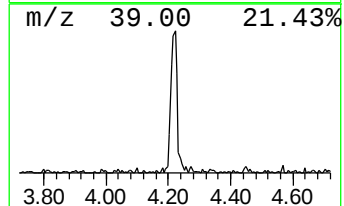
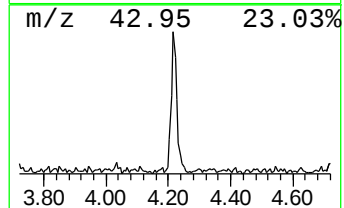
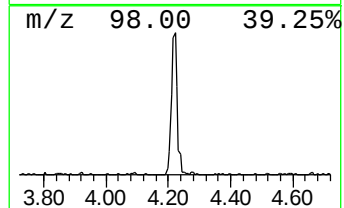
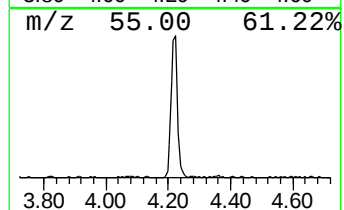
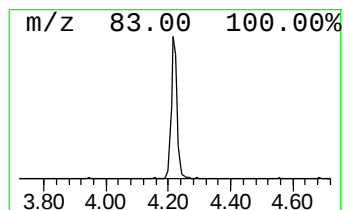
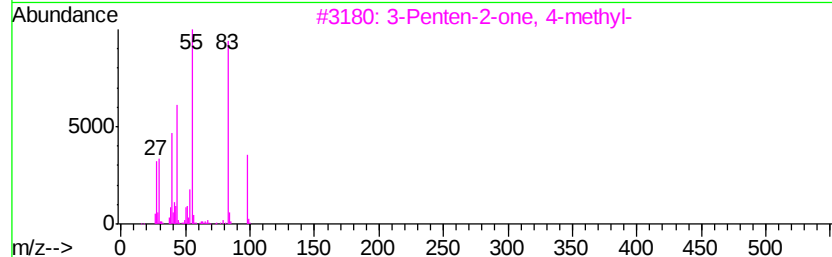
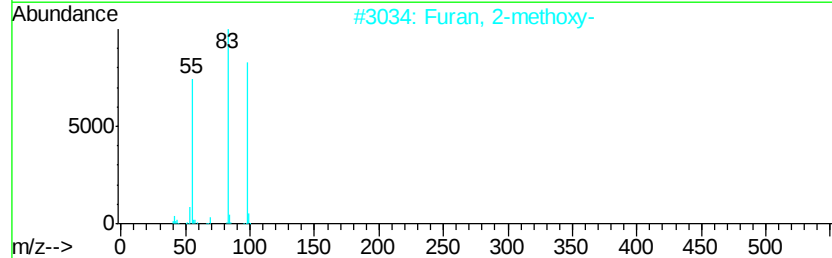
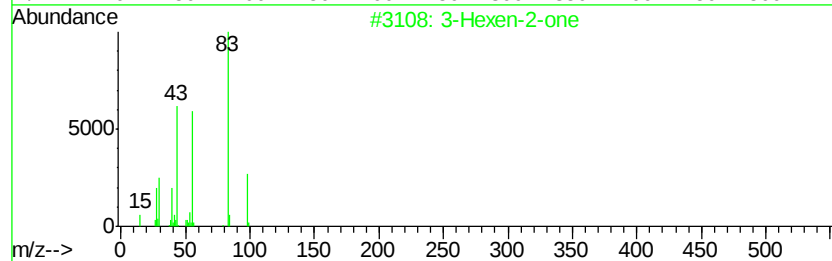
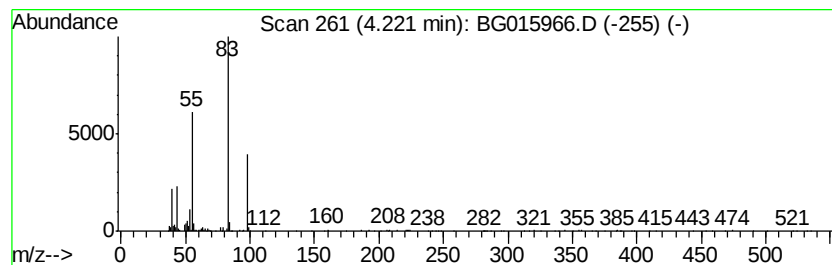
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Hexen-2-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	13.49 ng	593300	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexen-2-one	98	C6H10O	000763-93-9	86
2		Furan, 2-methoxy-	98	C5H6O2	025414-22-6	80
3		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	78
4		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	64
5		3,3-Dimethylacryloyl chloride	118	C5H7ClO	003350-78-5	59



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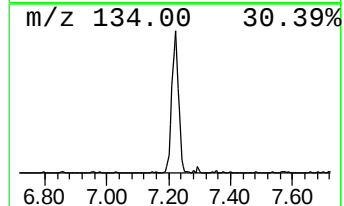
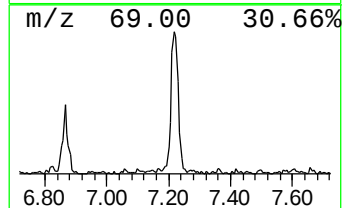
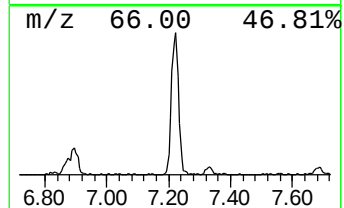
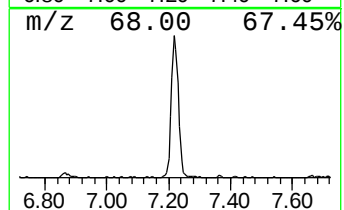
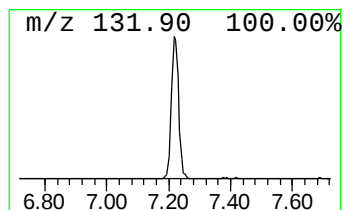
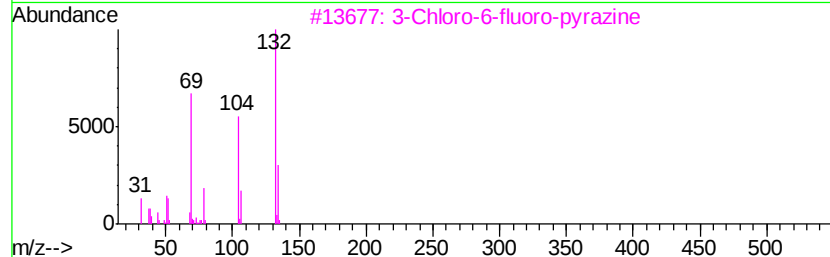
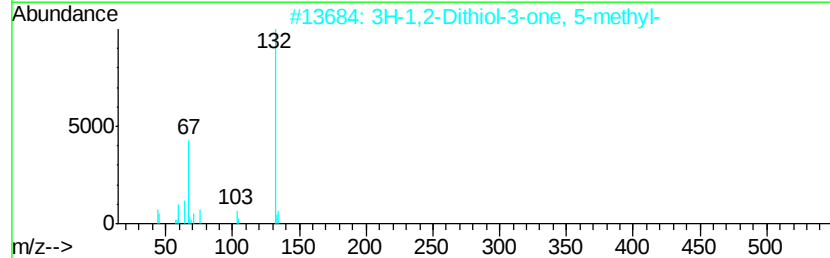
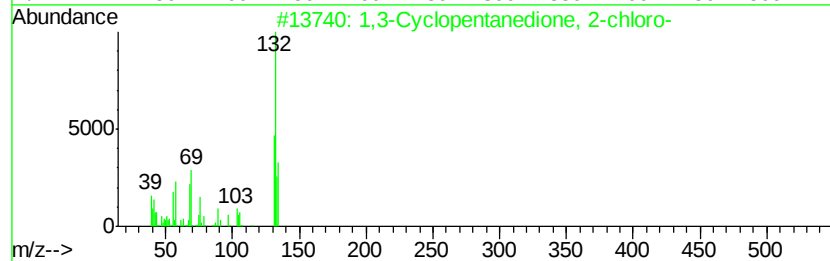
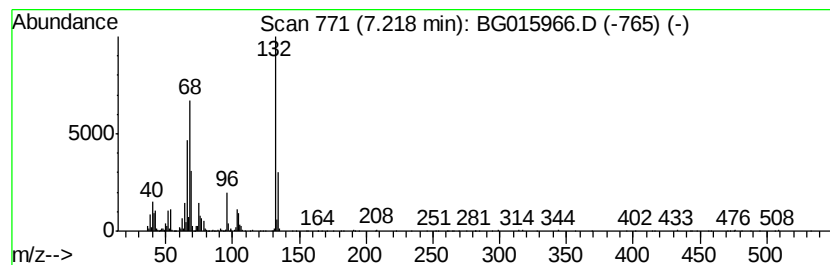
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.22 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	24.28 ng	1067410	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	11
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015966.D
Acq On : 28 Jan 2015 3:45
Operator : TP/IZ
Sample : G1138-10
Misc :
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Instrument :
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ClientSampleId :
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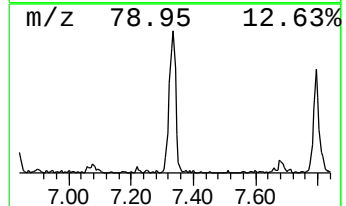
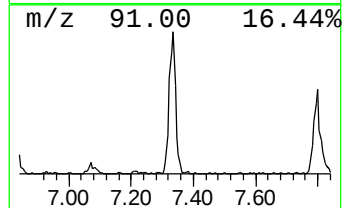
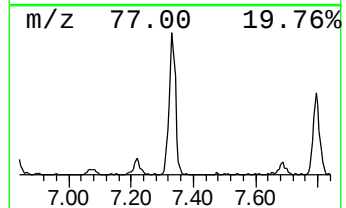
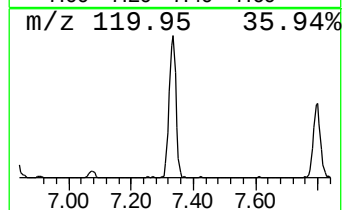
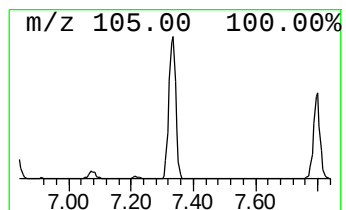
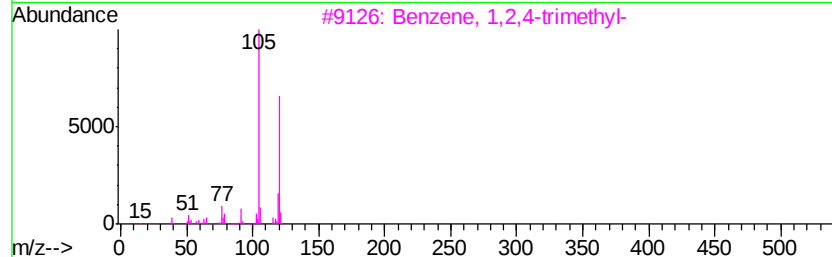
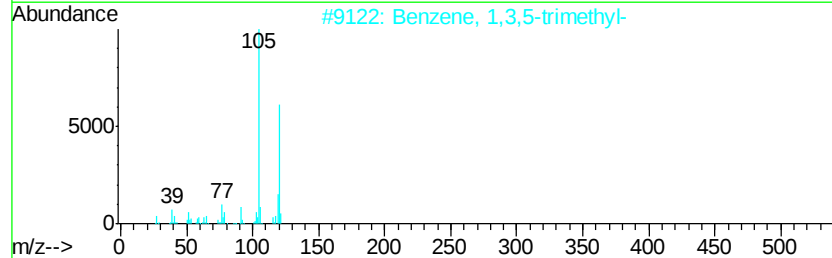
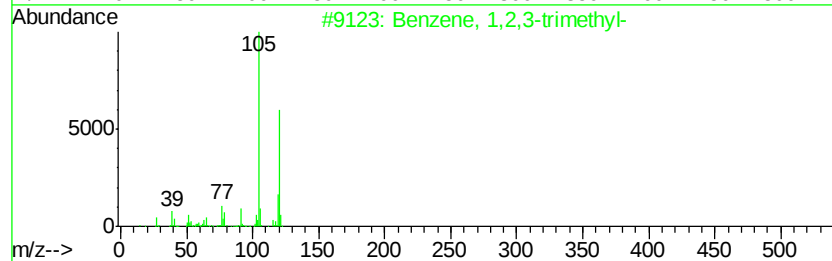
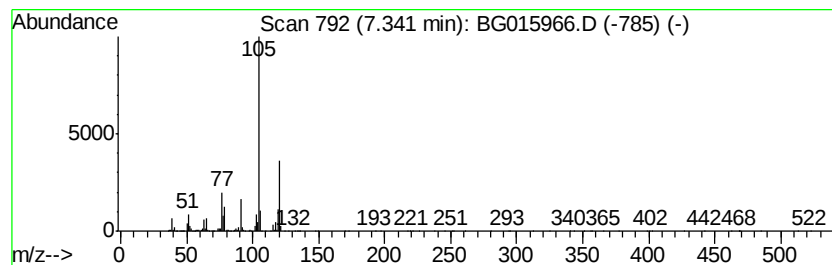
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	37.46 ng	1647040	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015966.D
Acq On : 28 Jan 2015 3:45
Operator : TP/IZ
Sample : G1138-10
Misc :
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ClientSampleId :
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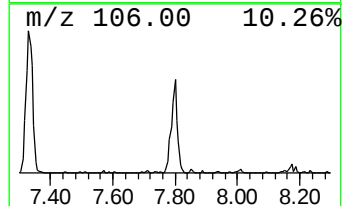
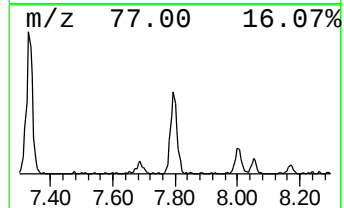
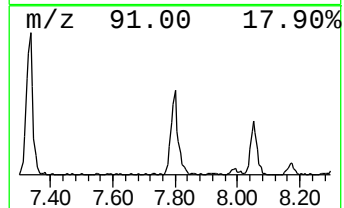
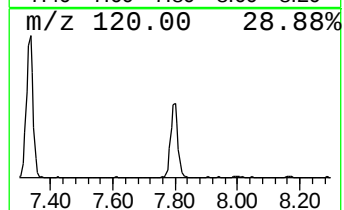
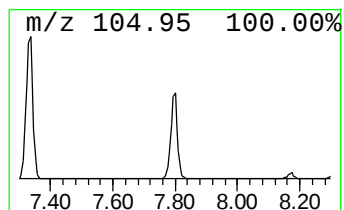
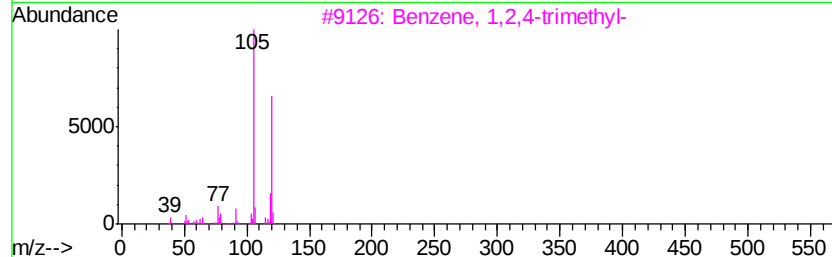
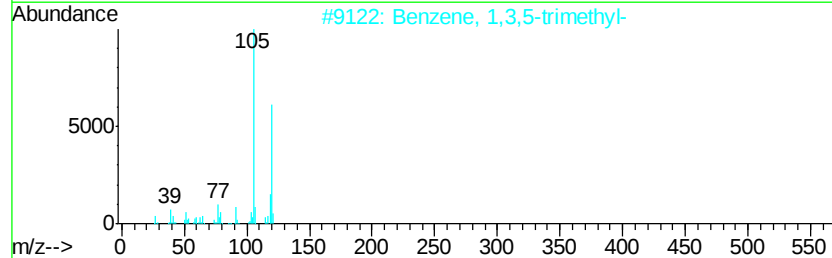
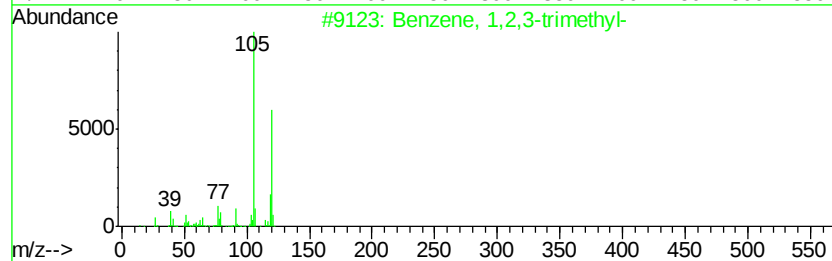
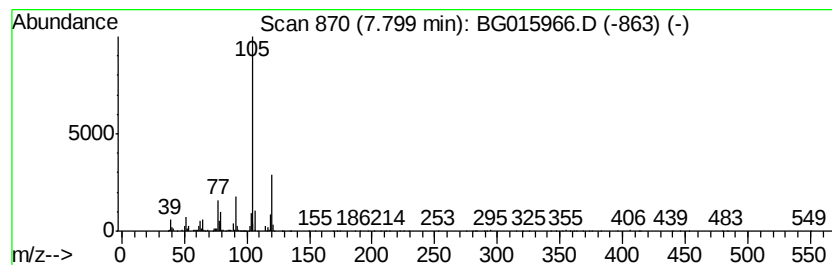
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	23.30 ng	1024590	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015966.D
Acq On : 28 Jan 2015 3:45
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Misc :
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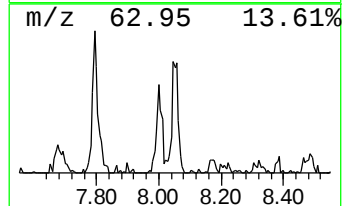
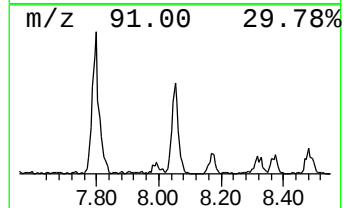
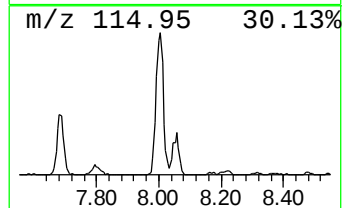
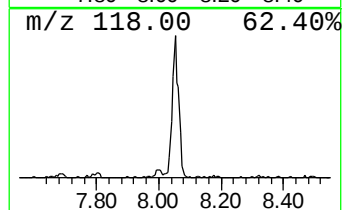
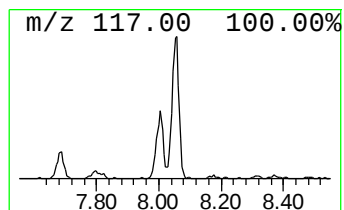
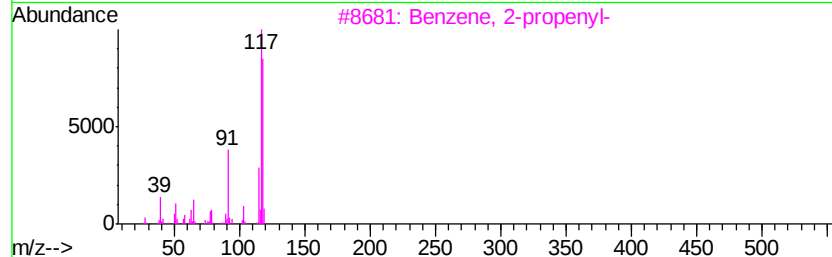
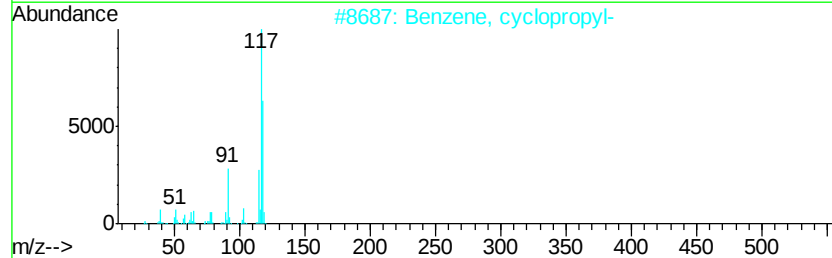
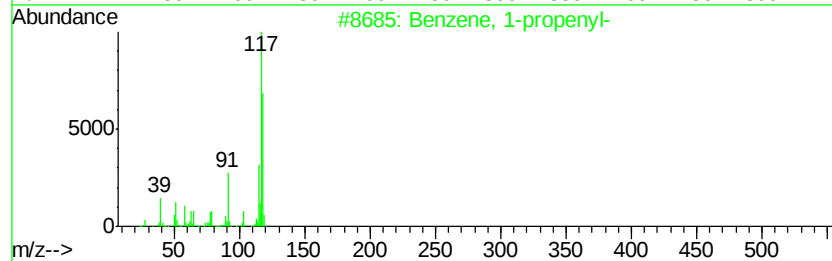
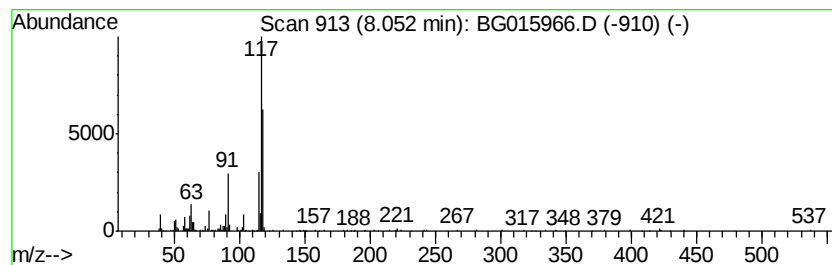
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-propenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	11.50 ng	505506	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
4		Indane	118	C9H10	000496-11-7	68
5		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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Acq On : 28 Jan 2015 3:45
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Misc :
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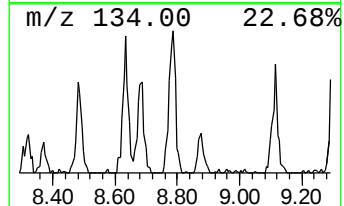
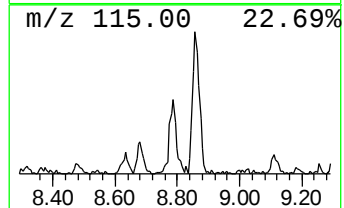
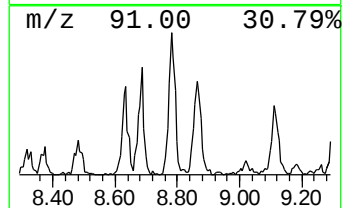
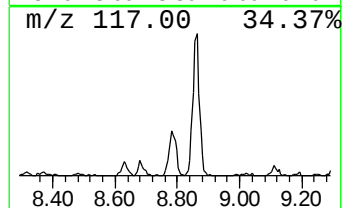
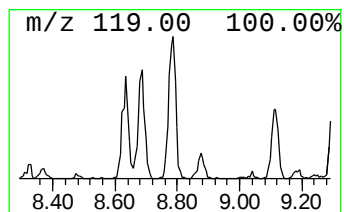
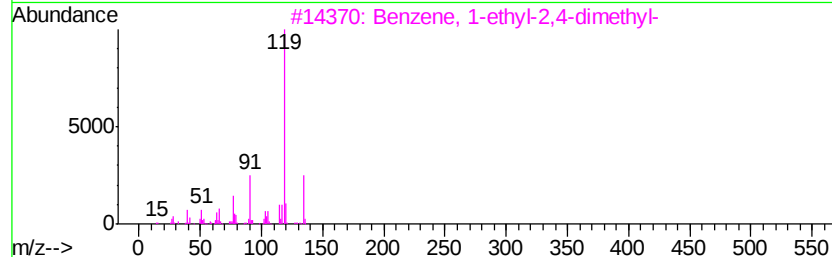
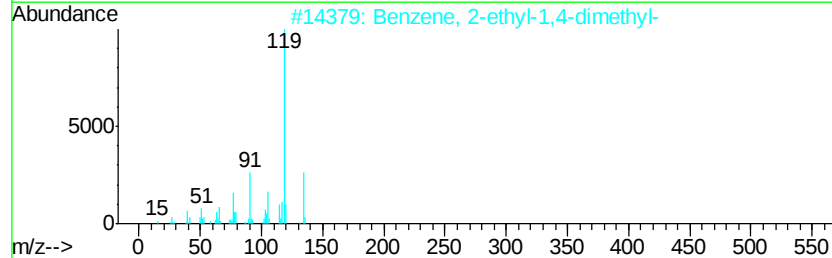
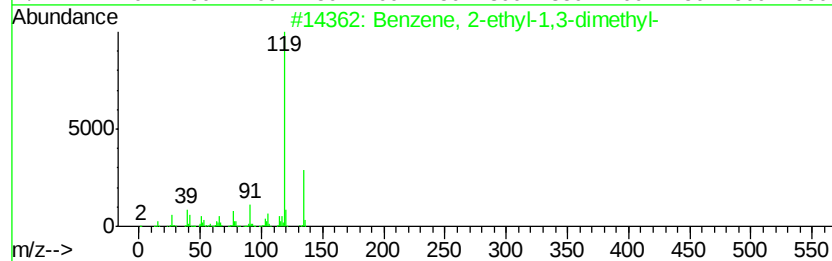
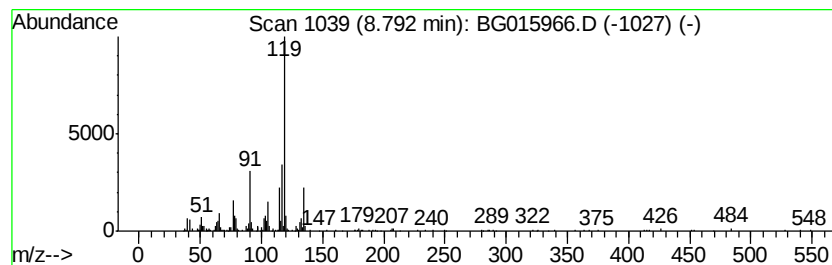
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	11.83 ng	520271	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	62



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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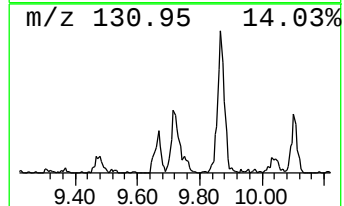
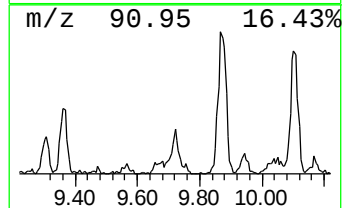
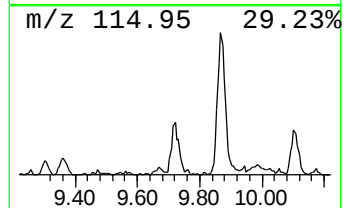
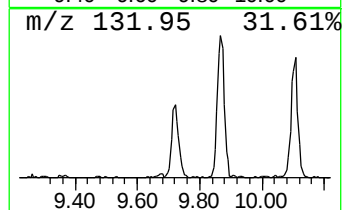
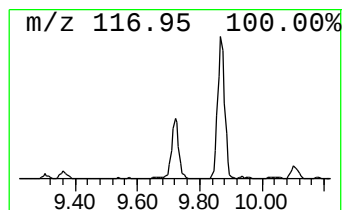
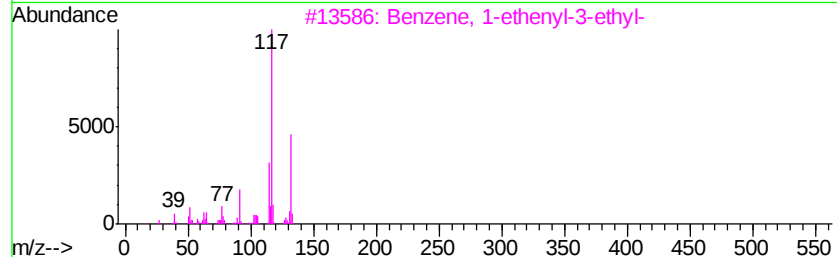
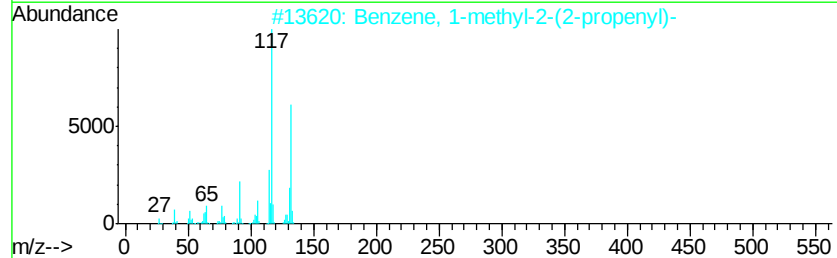
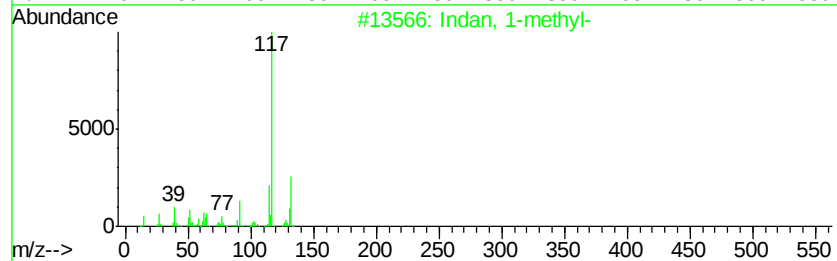
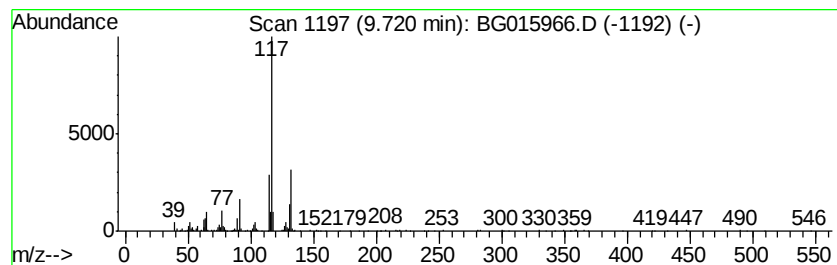
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Indan, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	7.62 ng	519311	Naphthalene-d8	10.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	90
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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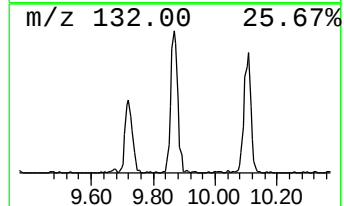
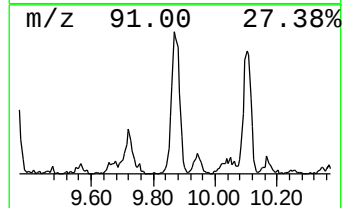
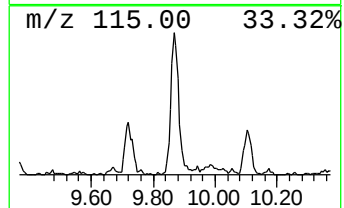
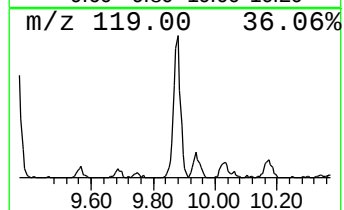
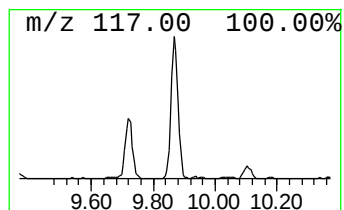
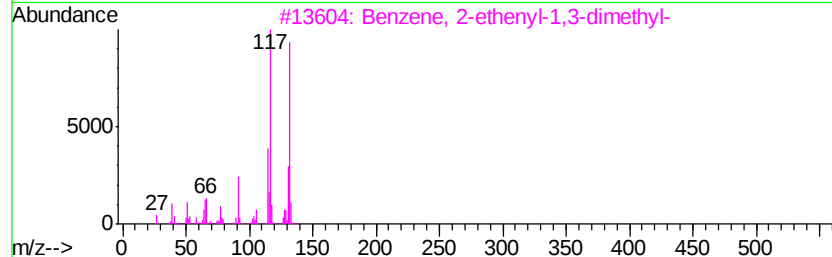
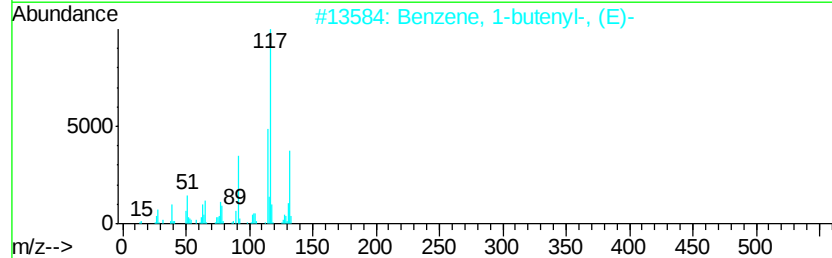
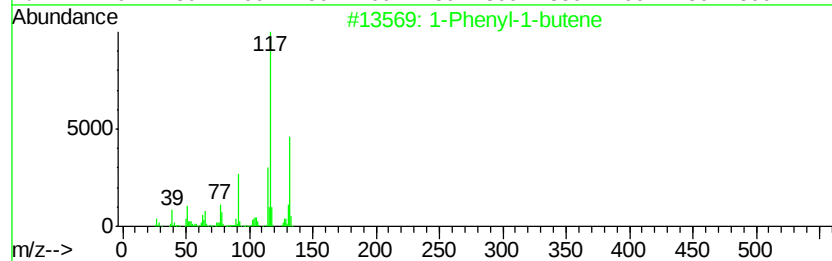
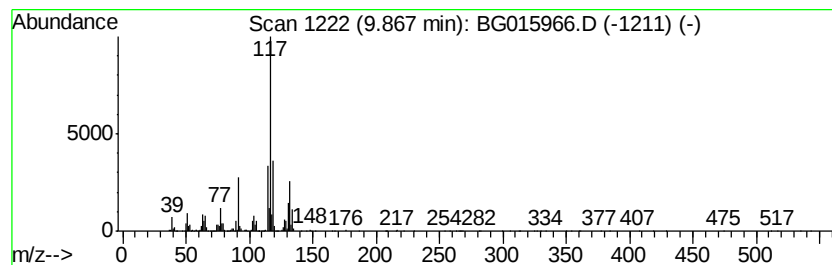
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	23.93 ng	1631730	Naphthalene-d8	10.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	89
2		Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	89
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
4		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	70
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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Acq On : 28 Jan 2015 3:45
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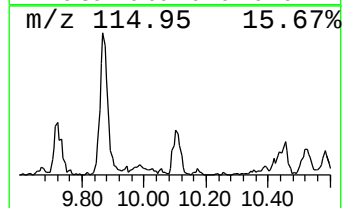
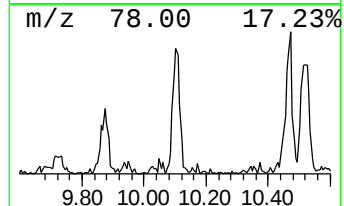
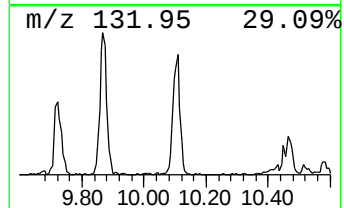
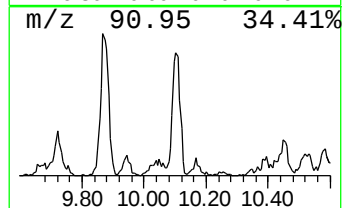
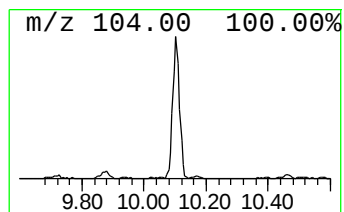
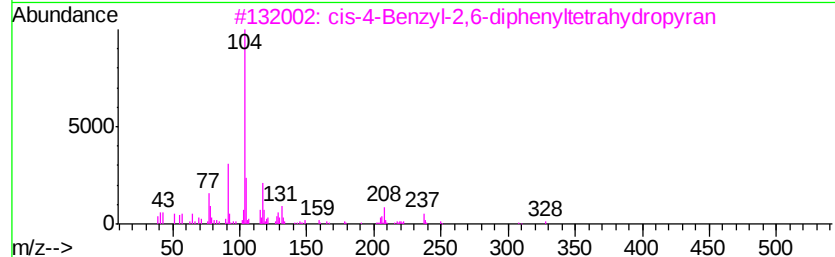
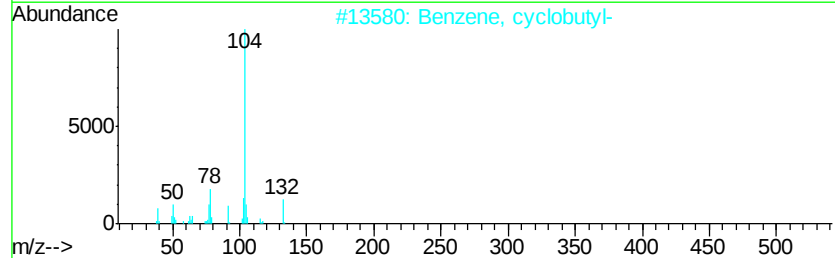
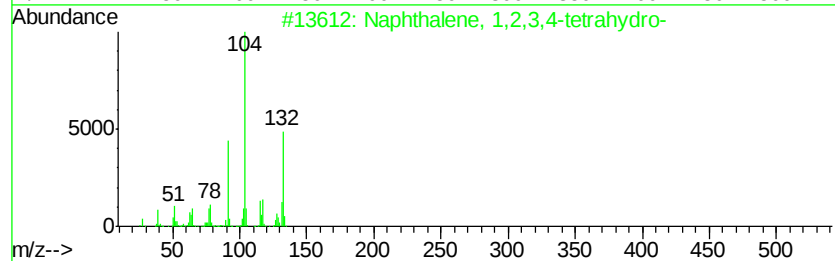
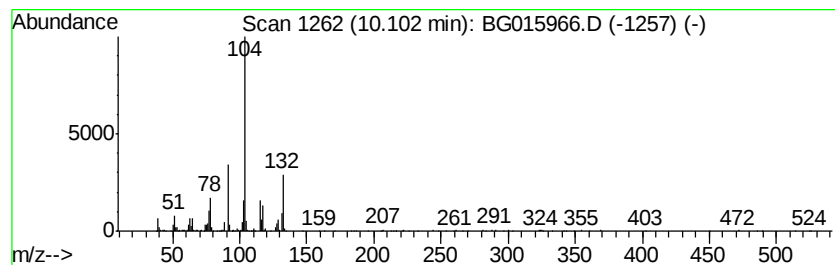
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	11.54 ng	786996	Naphthalene-d8	10.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2		Benzene, cyclobutyl-	132	C10H12	004392-30-7	59
3		cis-4-Benzyl-2,6-diphenyltetrahy...	328	C24H24O	055696-74-7	50
4		2-Furancarboxylic acid, 2-phenyl...	216	C13H12O3	007149-32-8	43
5		Styrene	104	C8H8	000100-42-5	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015966.D
Acq On : 28 Jan 2015 3:45
Operator : TP/IZ
Sample : G1138-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
275B3

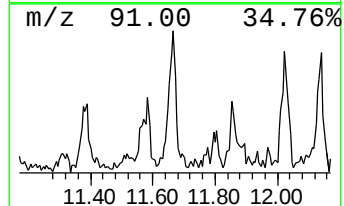
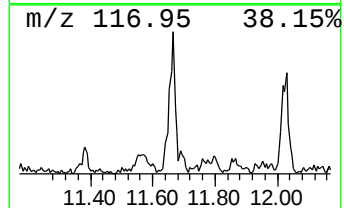
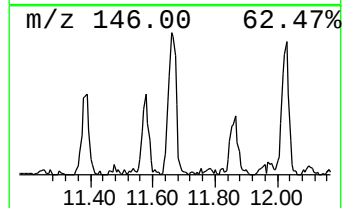
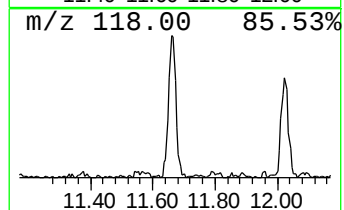
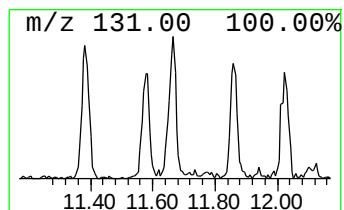
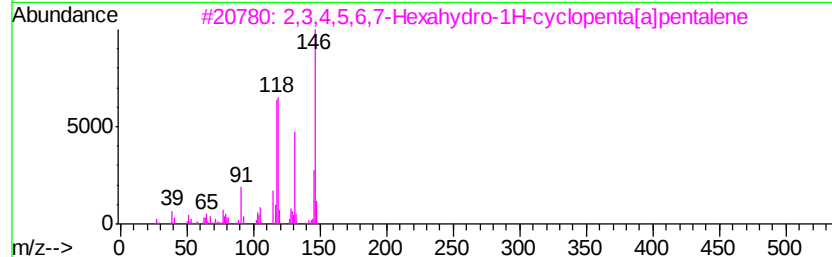
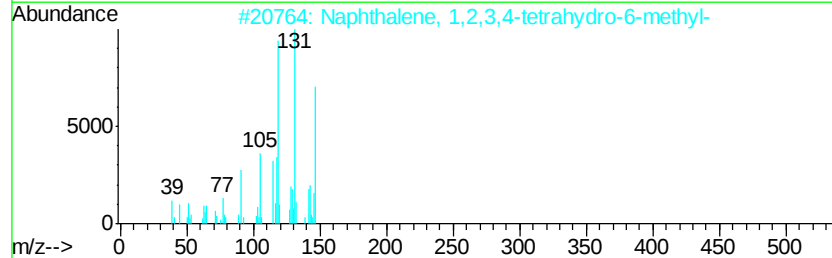
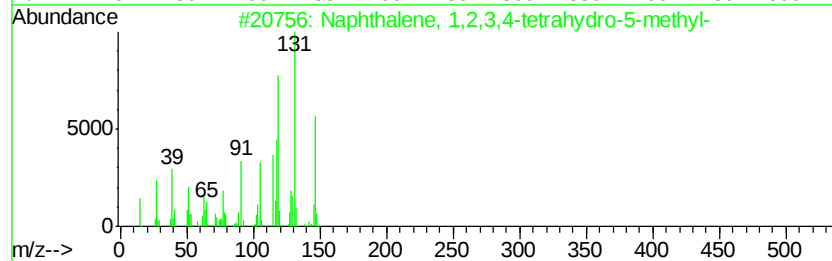
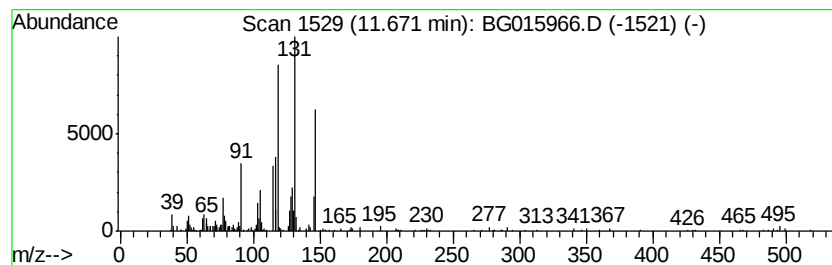
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	9.41 ng	641498	Naphthalene-d8	10.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	87
3		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	81
4		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	52
5		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015966.D
Acq On : 28 Jan 2015 3:45
Operator : TP/IZ
Sample : G1138-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

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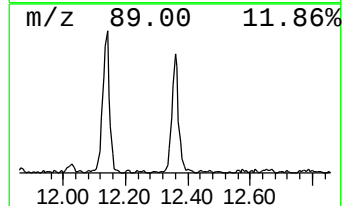
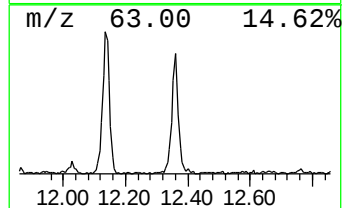
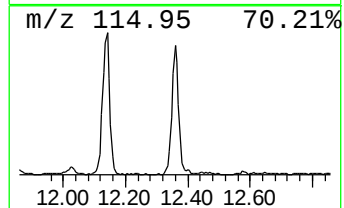
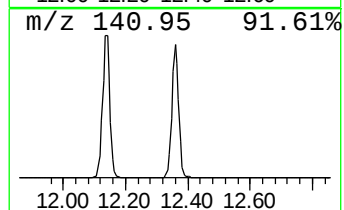
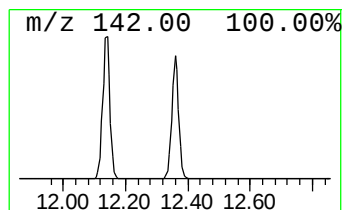
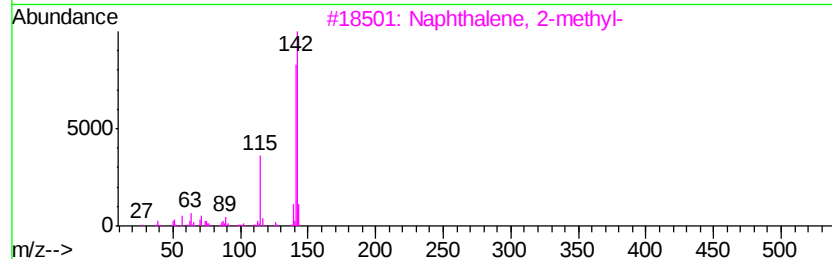
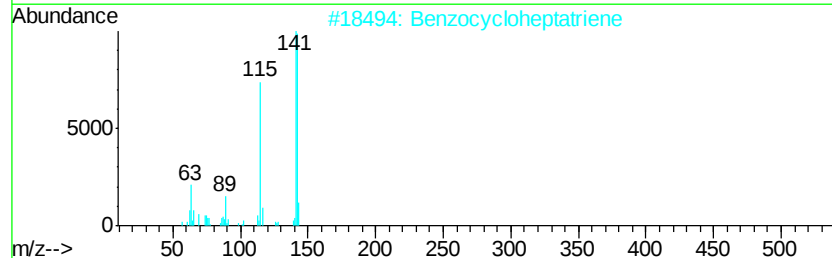
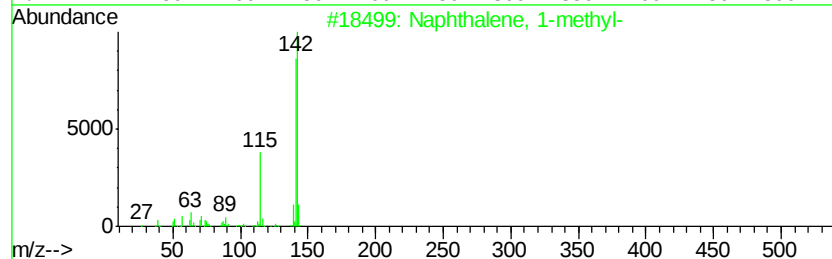
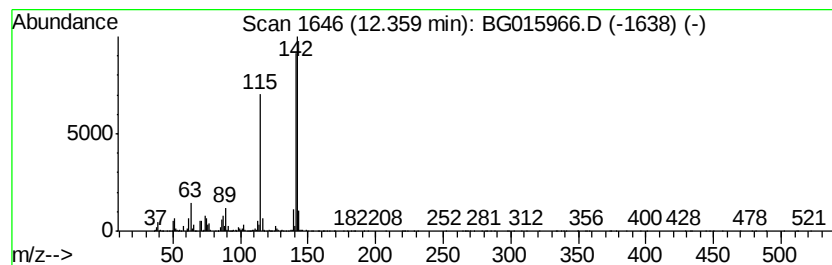
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	49.50 ng	3374950	Naphthalene-d8	10.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2		Benzocycloheptatriene	142	C11H10	000264-09-5	97
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015966.D
Acq On : 28 Jan 2015 3:45
Operator : TP/IZ
Sample : G1138-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

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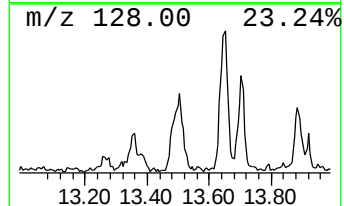
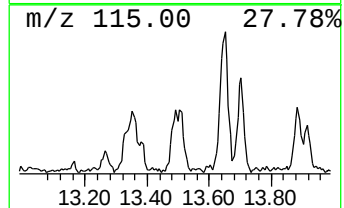
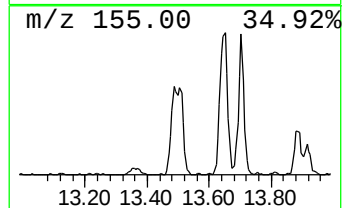
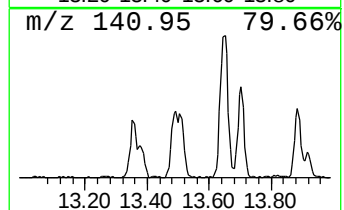
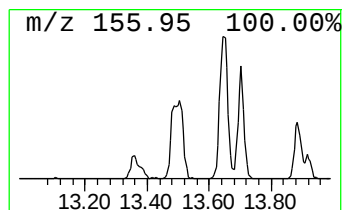
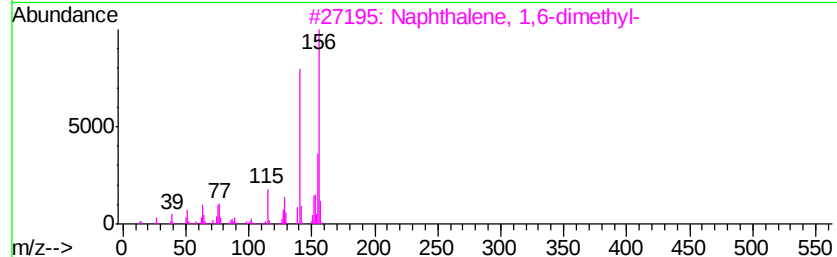
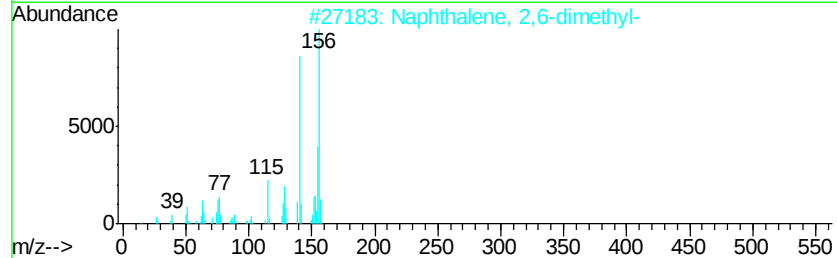
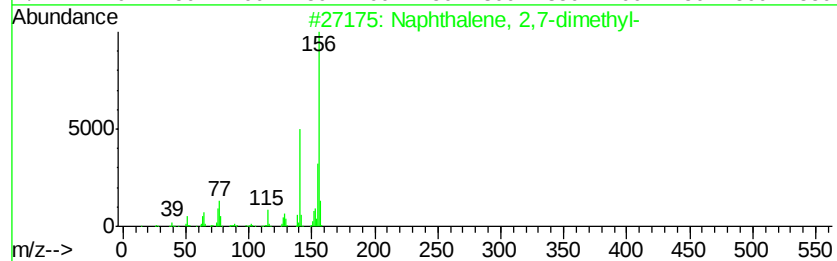
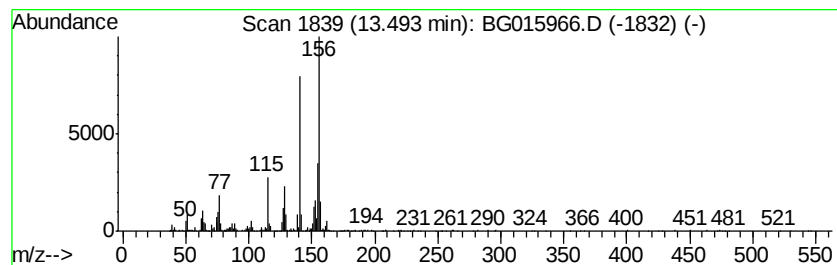
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	9.39 ng	904326	Acenaphthene-d10	14.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015966.D
Acq On : 28 Jan 2015 3:45
Operator : TP/IZ
Sample : G1138-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

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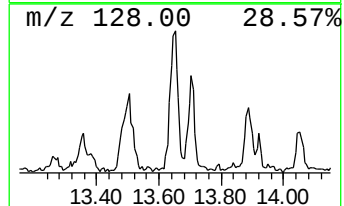
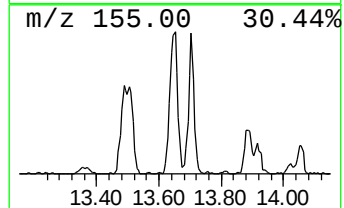
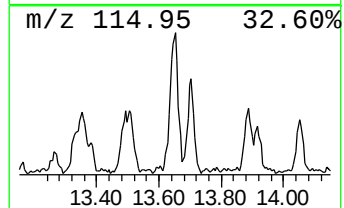
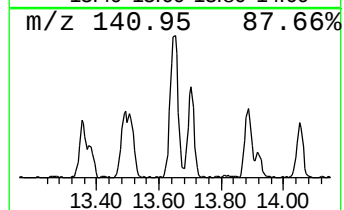
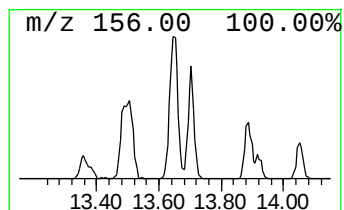
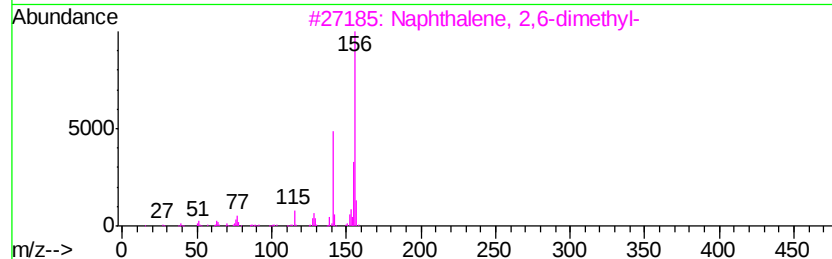
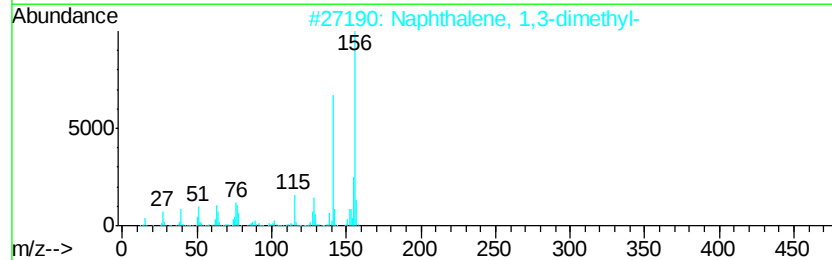
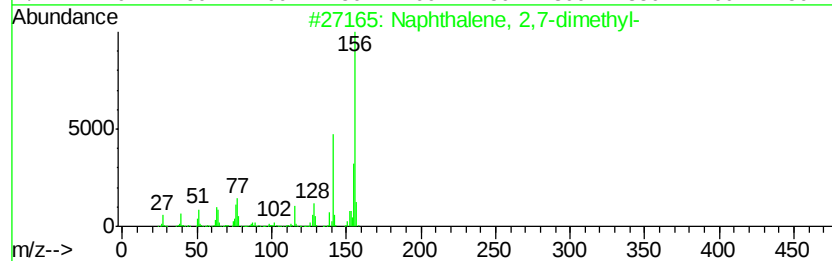
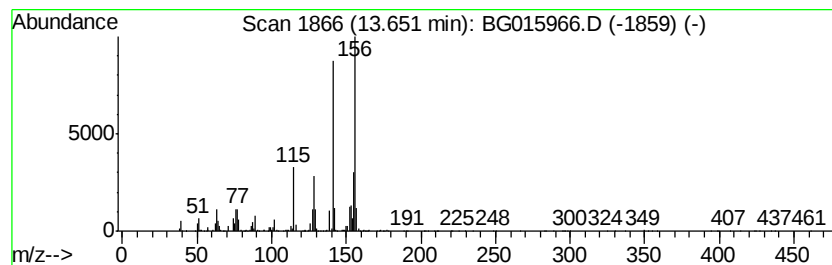
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	20.10 ng	1935250	Acenaphthene-d10	14.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015966.D
Acq On : 28 Jan 2015 3:45
Operator : TP/IZ
Sample : G1138-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

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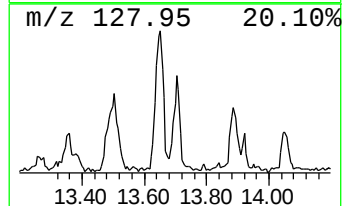
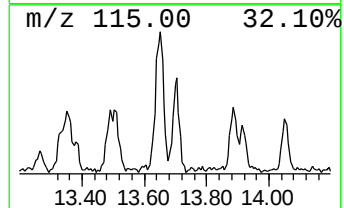
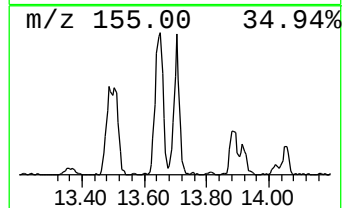
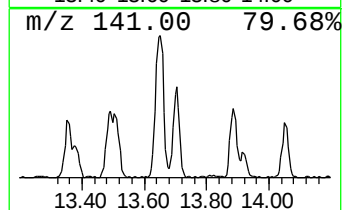
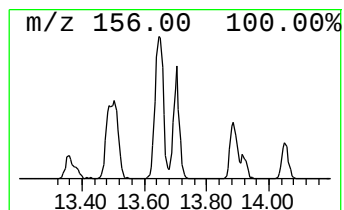
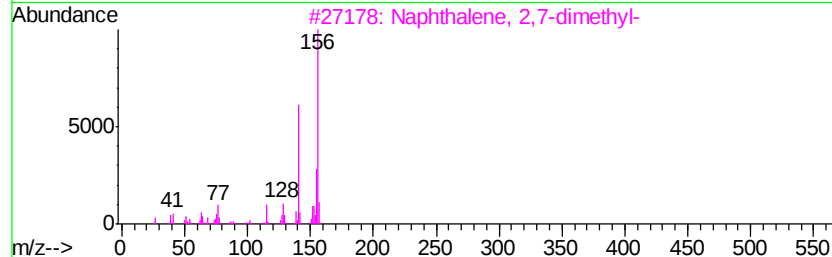
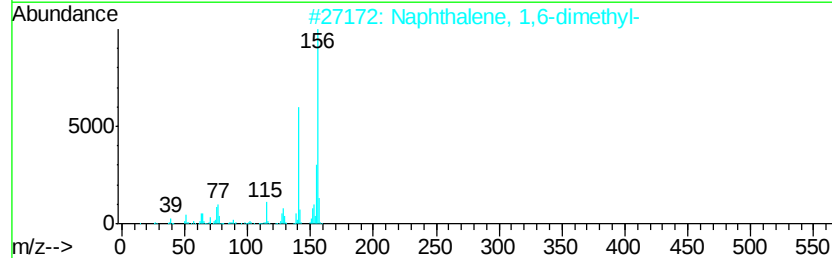
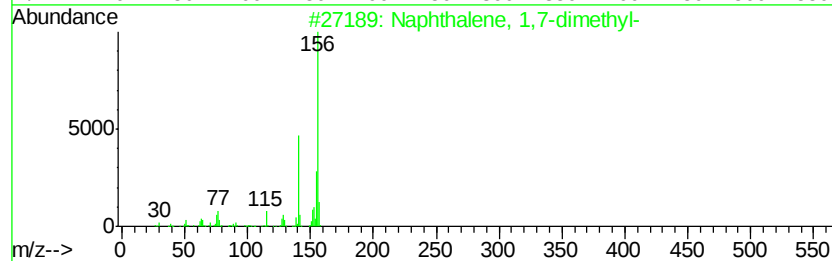
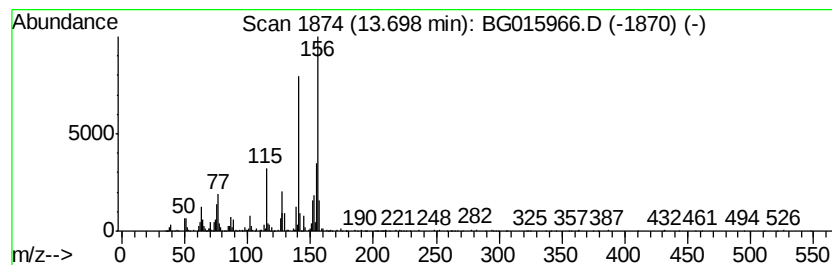
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	11.67 ng	1124160	Acenaphthene-d10	14.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015966.D
Acq On : 28 Jan 2015 3:45
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Misc :
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ClientSampleId :
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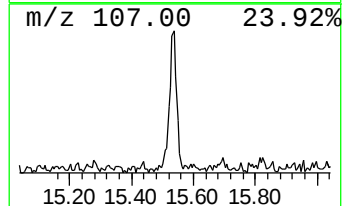
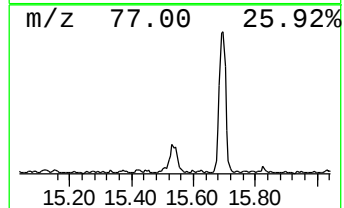
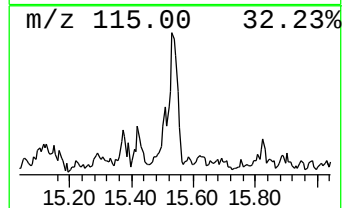
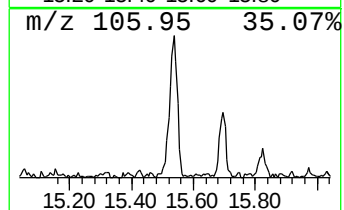
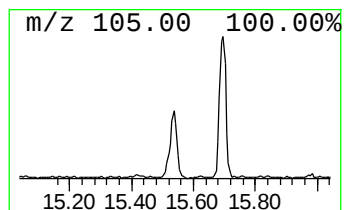
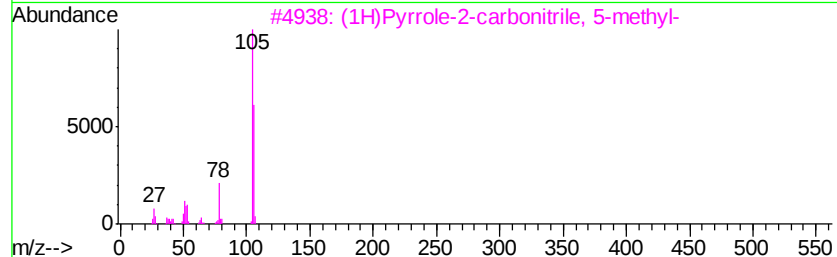
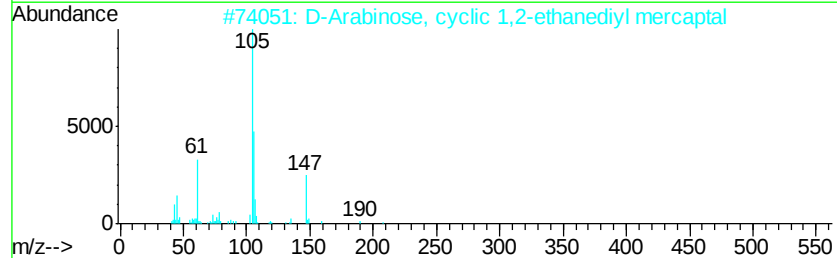
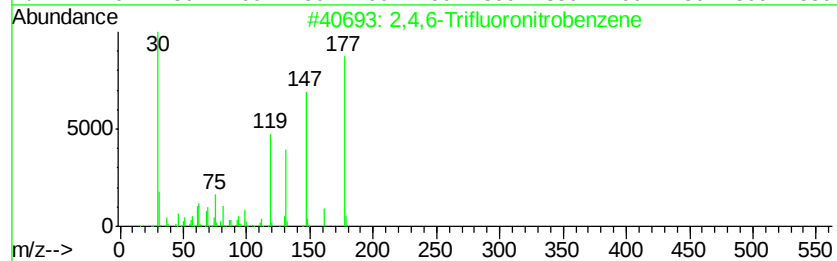
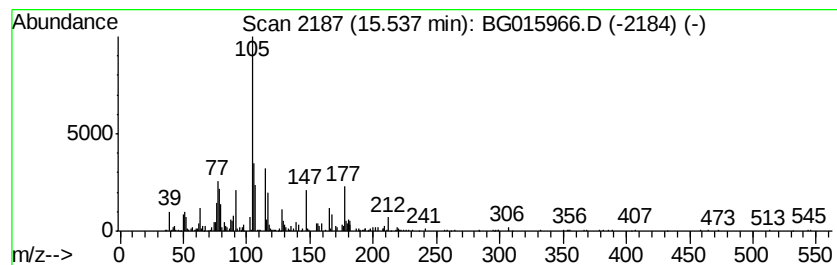
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown15.54 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	7.96 ng	766692	Acenaphthene-d10	14.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trifluoronitrobenzene			177	C6H2F3NO2	000315-14-0	22
2	D-Arabinose, cyclic 1,2-ethanedi...			226	C7H14O4S2	003650-67-7	16
3	(1H)Pyrrole-2-carbonitrile, 5-me...			106	C6H6N2	026173-92-2	10
4	3-Oxapentanol-1, 4-[(2,3-dimethy...			194	C12H18O2	1000063-22-7	10
5	Benzene, (1,3-dimethylbutyl)-			162	C12H18	019219-84-2	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015966.D
Acq On : 28 Jan 2015 3:45
Operator : TP/IZ
Sample : G1138-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

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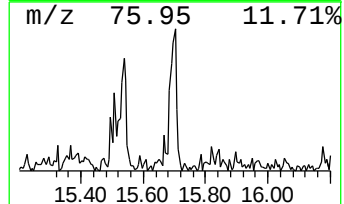
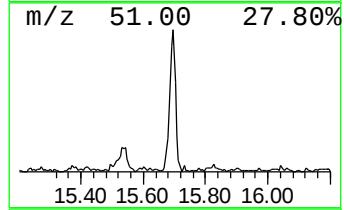
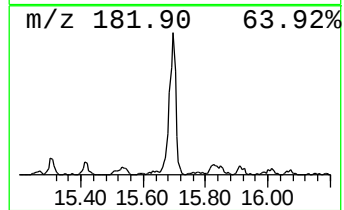
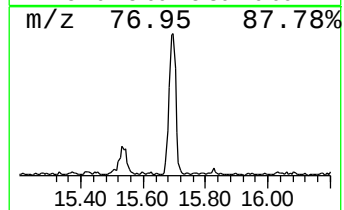
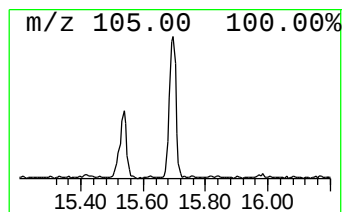
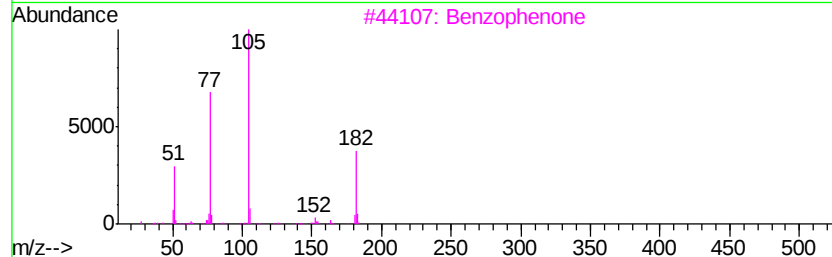
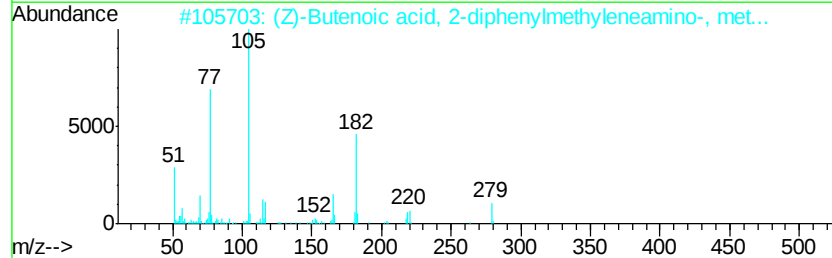
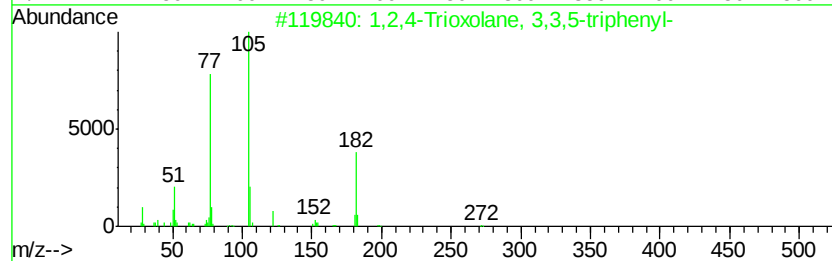
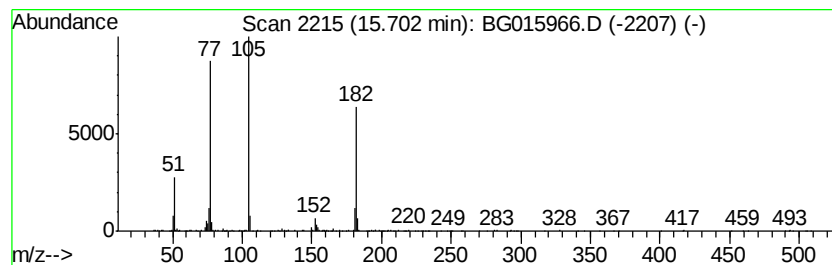
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,2,4-Trioxolane, 3,3,5-tri... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	12.40 ng	1193670	Acenaphthene-d10	14.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	83
2		(Z)-Butenoic acid, 2-diphenylmet...	279	C18H17NO2	120238-59-7	83
3		Benzophenone	182	C13H10O	000119-61-9	80
4		Azobenzene	182	C12H10N2	000103-33-3	59
5		1,2-Propanedione, 1-phenyl-, 2-o...	163	C9H9NO2	000119-51-7	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015966.D
Acq On : 28 Jan 2015 3:45
Operator : TP/IZ
Sample : G1138-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
275B3

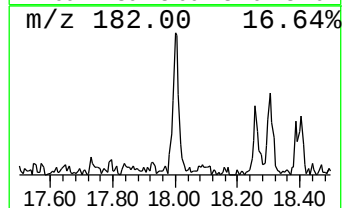
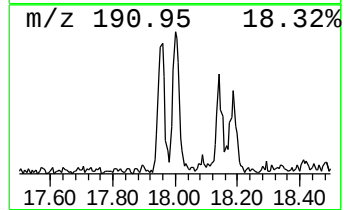
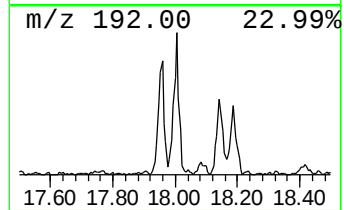
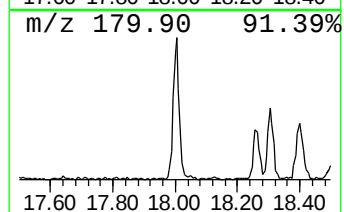
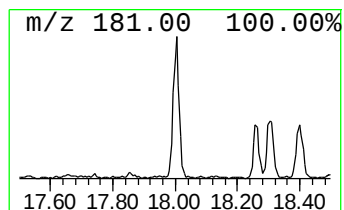
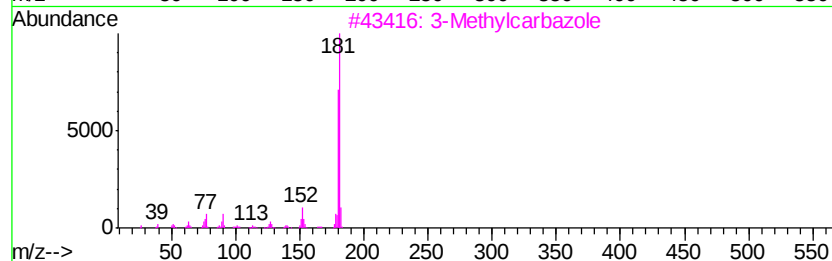
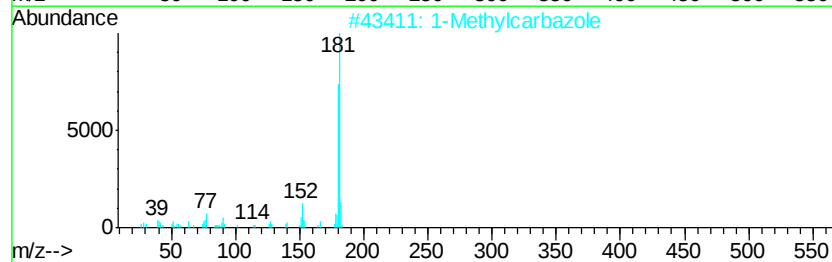
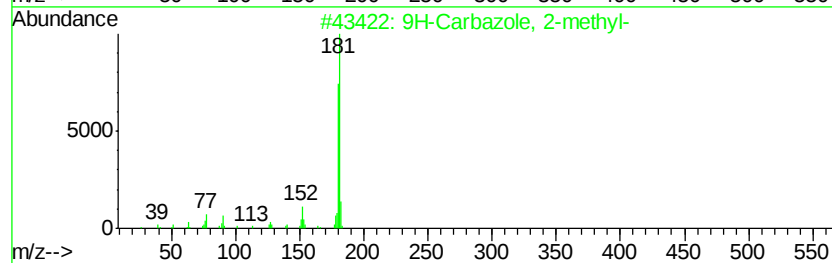
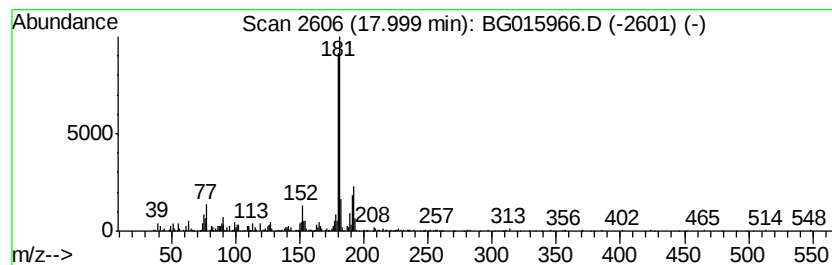
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9H-Carbazole, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	7.97 ng	971563	Phenanthrene-d10	17.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
2		1-Methylcarbazole	181	C13H11N	006510-65-2	90
3		3-Methylcarbazole	181	C13H11N	004630-20-0	90
4		4-Methylcarbazole	181	C13H11N	003770-48-7	90
5		Methylcarbazole	181	C13H11N	027323-29-1	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015966.D
 Acq On : 28 Jan 2015 3:45
 Operator : TP/IZ
 Sample : G1138-10
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 275B3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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...	2.90	13.6	ng	596157	1	7.68	879396	20.0
3-Hexen-2-one	4.22	13.5	ng	593300	1	7.68	879396	20.0
unknown7.22	7.22	24.3	ng	1067410	1	7.68	879396	20.0
Benzene, 1,2,3-tr...	7.34	37.5	ng	1647040	1	7.68	879396	20.0
Benzene, 1,3,5-tr...	7.80	23.3	ng	1024590	1	7.68	879396	20.0
Benzene, 1-propenyl-	8.05	11.5	ng	505506	1	7.68	879396	20.0
Benzene, 2-ethyl-...	8.79	11.8	ng	520271	1	7.68	879396	20.0
Indan, 1-methyl-	9.72	7.6	ng	519311	2	10.47	1363710	20.0
1-Phenyl-1-butene	9.87	23.9	ng	1631730	2	10.47	1363710	20.0
Naphthalene, 1,2,...	10.10	11.5	ng	786996	2	10.47	1363710	20.0
Naphthalene, 1,2,...	11.67	9.4	ng	641498	2	10.47	1363710	20.0
Naphthalene, 1-me...	12.36	49.5	ng	3374950	2	10.47	1363710	20.0
Naphthalene, 2,7-...	13.49	9.4	ng	904326	3	14.33	1925980	20.0
Naphthalene, 1,3-...	13.65	20.1	ng	1935250	3	14.33	1925980	20.0
Naphthalene, 1,7-...	13.70	11.7	ng	1124160	3	14.33	1925980	20.0
unknown15.54	15.54	8.0	ng	766692	3	14.33	1925980	20.0
1,2,4-Trioxolane,...	15.70	12.4	ng	1193670	3	14.33	1925980	20.0
9H-Carbazole, 2-m...	18.00	8.0	ng	971563	4	17.08	2437410	20.0