

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015959.D
 Acq On : 27 Jan 2015 23:43
 Operator : TP/IZ
 Sample : G1158-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-5

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	2.758	9	12	19	rVB	2209767	2487548	18.93%	1.715%
2	2.858	25	29	34	rBV	3299279	3574891	27.21%	2.465%
3	3.499	135	138	147	rVB	515979	658504	5.01%	0.454%
4	3.798	183	189	197	rVB	605315	813028	6.19%	0.561%
5	3.898	200	206	213	rBV	2323433	3109662	23.67%	2.144%
6	4.815	353	362	372	rVB	1424807	2077106	15.81%	1.432%
7	5.067	396	405	410	rBV	1012159	1451275	11.05%	1.001%
8	5.208	424	429	434	rVB	240808	345590	2.63%	0.238%
9	5.285	437	442	446	rVV2	395593	613495	4.67%	0.423%
10	5.338	446	451	464	rVB	1116291	2094510	15.94%	1.444%
11	5.537	480	485	491	rBV	465146	700460	5.33%	0.483%
12	5.708	507	514	521	rBV	1065174	1743297	13.27%	1.202%
13	5.778	521	526	535	rVB	2230787	3551500	27.03%	2.448%
14	6.189	588	596	603	rBV3	476472	852651	6.49%	0.588%
15	6.648	663	674	684	rBV3	508899	1573201	11.97%	1.085%
16	6.777	691	696	701	rVB	606630	835660	6.36%	0.576%
17	6.836	701	706	709	rBV	263716	431742	3.29%	0.298%
18	6.877	709	713	717	rBV	887528	1600620	12.18%	1.103%
19	6.989	728	732	738	rVB	341441	462502	3.52%	0.319%
20	7.077	741	747	753	rBV2	388462	602305	4.58%	0.415%
21	7.224	765	772	778	rBV2	736115	1191274	9.07%	0.821%
22	7.282	778	782	784	rVV	301896	421101	3.21%	0.290%
23	7.335	784	791	795	rVV	1432571	2463979	18.76%	1.699%
24	7.470	807	814	820	rBV	395567	666171	5.07%	0.459%
25	7.682	842	850	855	rBV2	387978	710634	5.41%	0.490%
26	7.770	858	865	867	rVV	812273	1393642	10.61%	0.961%
27	7.793	867	869	877	rVB	707665	1000664	7.62%	0.690%
28	7.905	879	888	890	rBV	1090013	1759430	13.39%	1.213%
29	7.934	890	893	899	rVV	776916	1272605	9.69%	0.877%
30	8.005	899	905	910	rVV2	1251826	2021325	15.39%	1.394%
31	8.222	937	942	947	rVB2	253899	435653	3.32%	0.300%
32	8.316	953	958	970	rVB2	467917	939716	7.15%	0.648%
33	8.634	1007	1012	1017	rBV3	284495	508039	3.87%	0.350%
34	8.681	1017	1020	1029	rVB	249328	358393	2.73%	0.247%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015959.D
 Acq On : 27 Jan 2015 23:43
 Operator : TP/IZ
 Sample : G1158-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-5

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

35	8.781	1032	1037	1042	rBV	530162	817158	6.22%	0.563%
36	8.839	1042	1047	1054	rVV	1128600	1791509	13.64%	1.235%
37	8.904	1054	1058	1062	rVB3	282837	383003	2.92%	0.264%
38	9.262	1111	1119	1122	rBV4	206593	332809	2.53%	0.229%
39	9.303	1122	1126	1131	rVV	450620	709108	5.40%	0.489%
40	9.362	1131	1136	1147	rVB	828068	1414273	10.77%	0.975%
41	9.785	1200	1208	1212	rVB2	608392	926688	7.05%	0.639%
42	9.873	1218	1223	1230	rBV3	438801	840154	6.40%	0.579%
43	10.009	1240	1246	1251	rVV2	609694	974496	7.42%	0.672%
44	10.261	1280	1289	1299	rBV	3442111	5645390	42.97%	3.892%
45	10.449	1314	1321	1322	rBV2	533822	744627	5.67%	0.513%
46	10.520	1328	1333	1340	rVB	451980	870038	6.62%	0.600%
47	10.637	1347	1353	1358	rVV	281542	447185	3.40%	0.308%
48	10.831	1383	1386	1399	rVB2	147294	306211	2.33%	0.211%
49	11.007	1410	1416	1422	rBV3	156262	298859	2.27%	0.206%
50	11.248	1451	1457	1464	rVB	459538	822250	6.26%	0.567%
51	11.495	1494	1499	1506	rVV5	142639	318646	2.43%	0.220%
52	11.900	1562	1568	1573	rVB	364760	554885	4.22%	0.383%
53	12.135	1599	1608	1613	rVB3	221850	399713	3.04%	0.276%
54	12.682	1691	1701	1705	rBV	2325389	3523278	26.82%	2.429%
55	12.940	1736	1745	1752	rVB3	5559660	9587663	72.98%	6.610%
56	13.152	1775	1781	1790	rVB	1583284	2210031	16.82%	1.524%
57	13.681	1866	1871	1876	rBV4	190066	370640	2.82%	0.256%
58	13.792	1884	1890	1891	rBV3	333668	470629	3.58%	0.324%
59	13.816	1891	1894	1897	rVB2	381617	487036	3.71%	0.336%
60	13.869	1897	1903	1910	rVB3	509870	1025964	7.81%	0.707%
61	13.933	1910	1914	1918	rVB	259826	334241	2.54%	0.230%
62	14.233	1959	1965	1973	rVV2	1952556	2618940	19.93%	1.806%
63	14.333	1973	1982	1993	rVV3	909947	1904548	14.50%	1.313%
64	14.439	1996	2000	2006	rVB4	212372	343923	2.62%	0.237%
65	14.674	2035	2040	2047	rBV7	186733	484573	3.69%	0.334%
66	14.785	2055	2059	2064	rVV5	186201	311140	2.37%	0.215%
67	14.850	2066	2070	2076	rVV4	277929	474962	3.62%	0.327%
68	15.132	2113	2118	2123	rBV	2732985	3533923	26.90%	2.436%
69	15.185	2123	2127	2134	rVB	949415	1202811	9.16%	0.829%
70	15.490	2173	2179	2185	rBV2	264385	474944	3.62%	0.327%
71	15.596	2190	2197	2201	rVB3	139488	326322	2.48%	0.225%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015959.D
 Acq On : 27 Jan 2015 23:43
 Operator : TP/IZ
 Sample : G1158-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-5

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

72	15.825	2228	2236	2242	rBV4	463708	785147	5.98%	0.541%
73	16.049	2268	2274	2277	rBV3	304402	489845	3.73%	0.338%
74	17.077	2443	2449	2454	rBV	1281110	1854656	14.12%	1.279%
75	17.788	2564	2570	2579	rVB	927187	1355464	10.32%	0.934%
76	18.046	2610	2614	2618	rBV	791116	1014606	7.72%	0.699%
77	18.269	2647	2652	2653	rBV2	719024	839158	6.39%	0.579%
78	18.293	2653	2656	2660	rVB	936085	1156619	8.80%	0.797%
79	19.298	2822	2827	2831	rBV8	218314	394335	3.00%	0.272%
80	19.450	2849	2853	2855	rBV3	262744	357623	2.72%	0.247%
81	19.586	2871	2876	2880	rVB4	705098	1104448	8.41%	0.761%
82	19.715	2893	2898	2902	rVV	6653681	8025480	61.09%	5.533%
83	19.756	2902	2905	2909	rVB5	385463	564942	4.30%	0.389%
84	19.844	2917	2920	2923	rVB3	306091	332404	2.53%	0.229%
85	20.408	3011	3016	3021	rVB2	1541547	2049575	15.60%	1.413%
86	20.790	3078	3081	3083	rBV4	301054	382980	2.92%	0.264%
87	20.819	3083	3086	3091	rVB	1846966	2004018	15.25%	1.382%
88	20.949	3103	3108	3109	rBV2	282025	454314	3.46%	0.313%
89	21.178	3143	3147	3155	rVB2	1390754	1888644	14.38%	1.302%
90	21.266	3158	3162	3168	rBV	1867659	2453344	18.67%	1.691%
91	21.877	3260	3266	3272	rVB	10143146	13137669	100.00%	9.057%
92	22.065	3294	3298	3305	rBV	647741	1014781	7.72%	0.700%
93	22.230	3323	3326	3330	rVB3	320780	426175	3.24%	0.294%
94	22.312	3337	3340	3346	rVB6	350981	544070	4.14%	0.375%
95	23.076	3465	3470	3475	rVB	1043073	1593847	12.13%	1.099%
96	23.522	3541	3546	3553	rVB	1118349	2098156	15.97%	1.447%
97	24.262	3667	3672	3678	rVB	341561	652846	4.97%	0.450%
98	24.345	3683	3686	3694	rVB2	356976	653910	4.98%	0.451%
99	25.772	3921	3929	3938	rVB2	838635	2200062	16.75%	1.517%
100	27.823	4269	4278	4291	rVB	594951	2216057	16.87%	1.528%

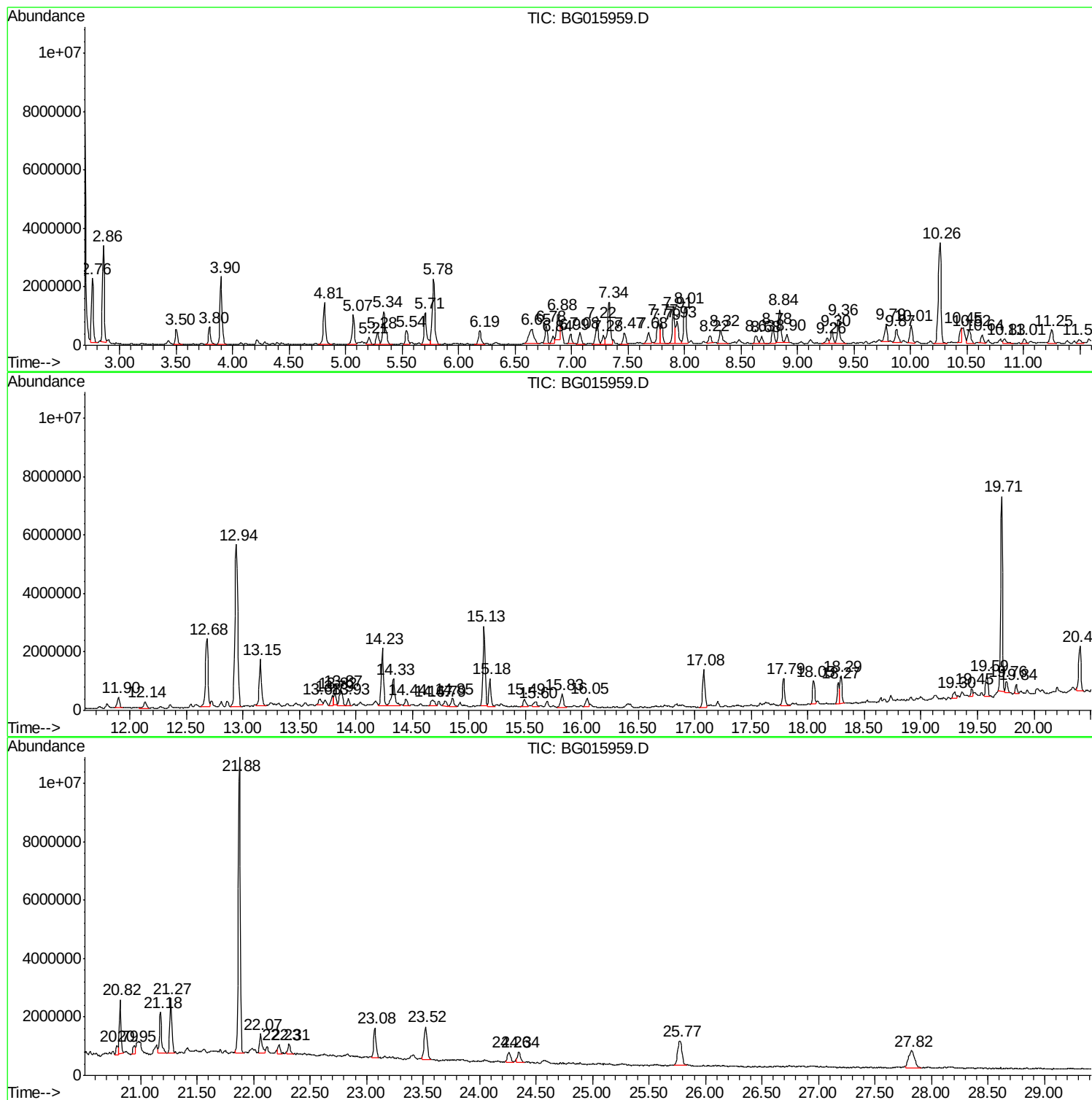
Sum of corrected areas: 145049918

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-5

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-5

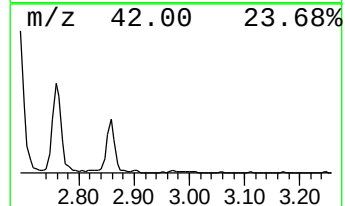
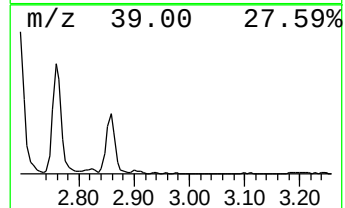
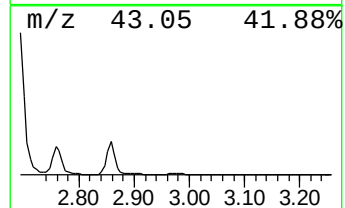
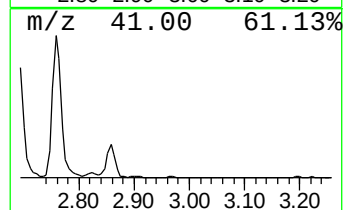
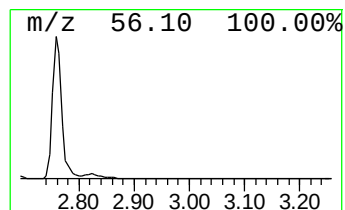
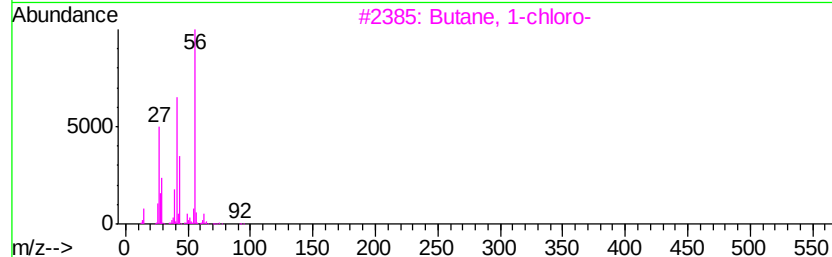
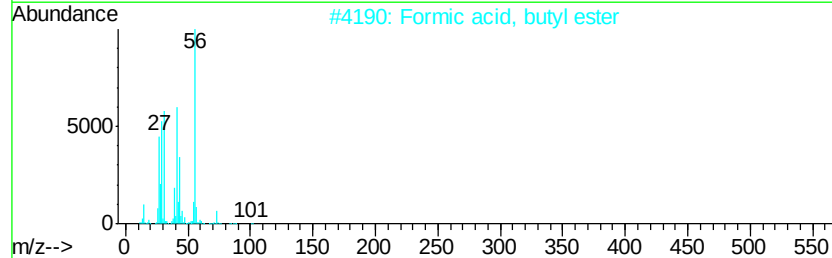
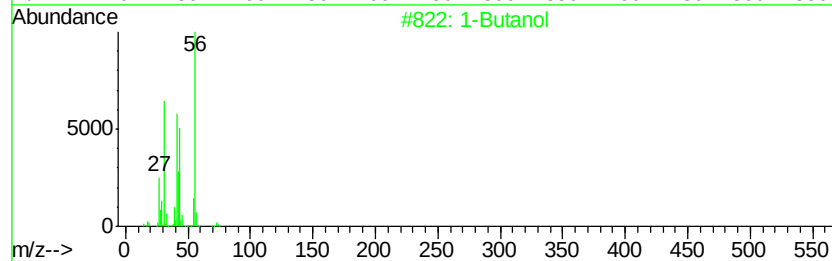
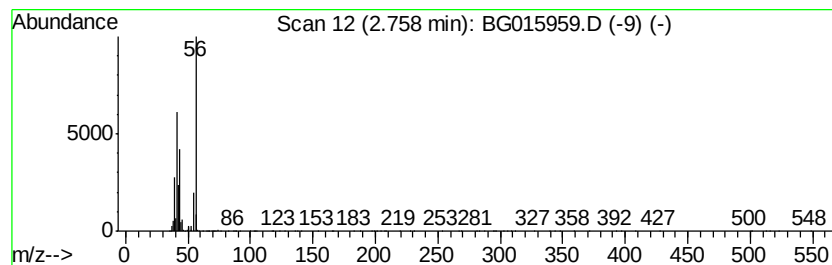
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1-Butanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.76	70.01 ng	2487550	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butanol	74	C4H10O	000071-36-3	90
2		Formic acid, butyl ester	102	C5H10O2	000592-84-7	9
3		Butane, 1-chloro-	92	C4H9Cl	000109-69-3	9
4		Oxetane, 3,3-dimethyl-	86	C5H10O	006921-35-3	9
5		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-5

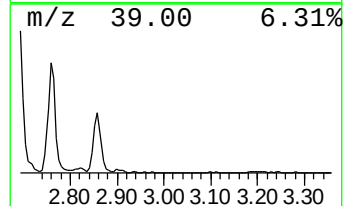
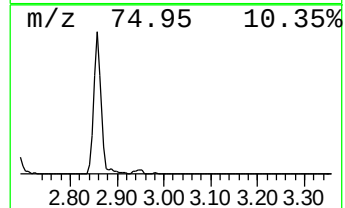
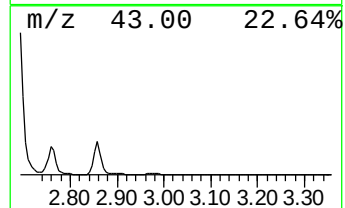
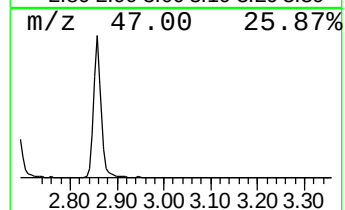
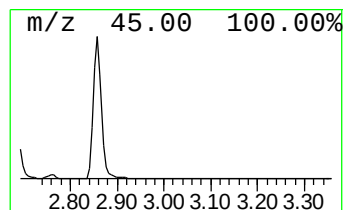
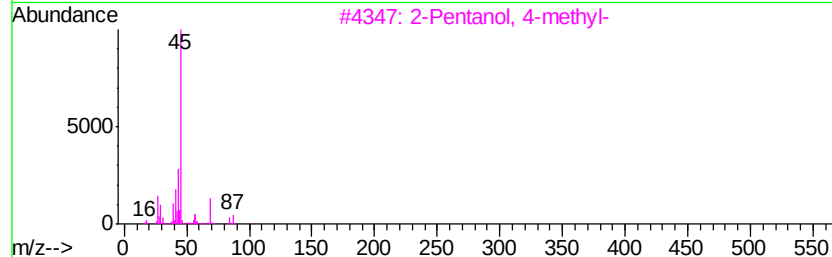
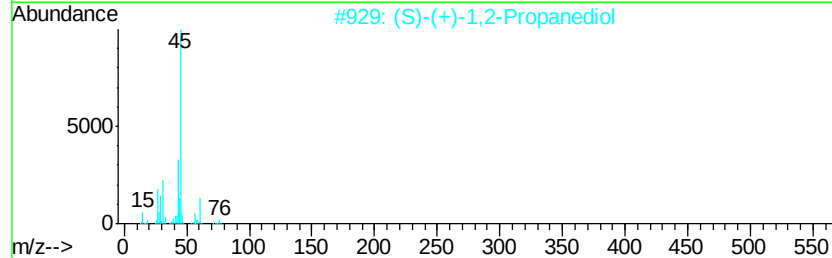
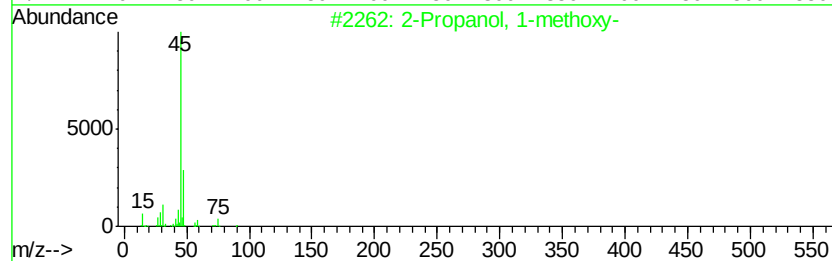
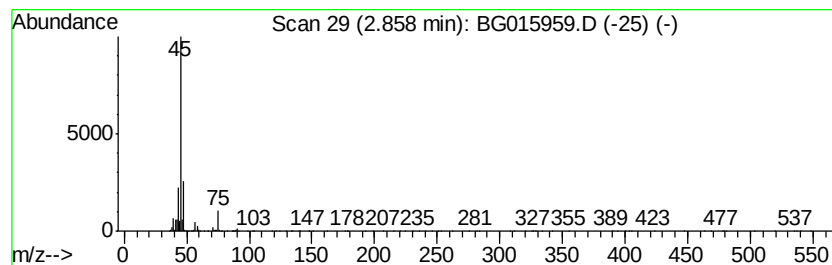
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Propanol, 1-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	100.61 ng	3574890	1,4-Dichlorobenzene-d4	7.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-methoxy-	90	C4H10O2	000107-98-2	72	
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	36	
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	36	
4	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	28	
5	2,3-Butanediol	90	C4H10O2	000513-85-9	9	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
CC-5

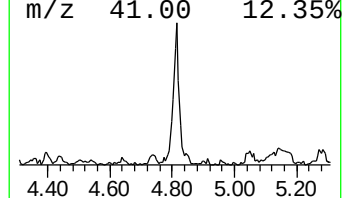
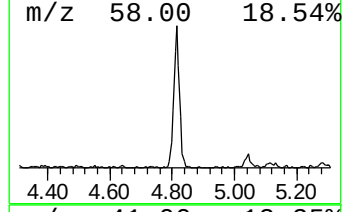
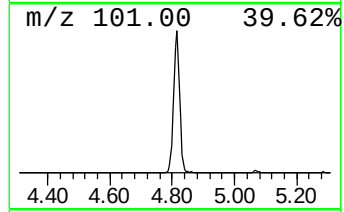
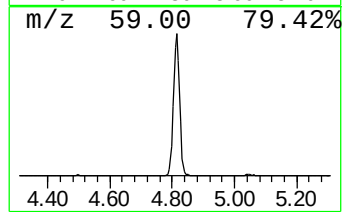
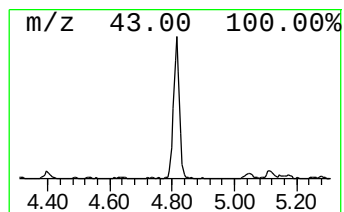
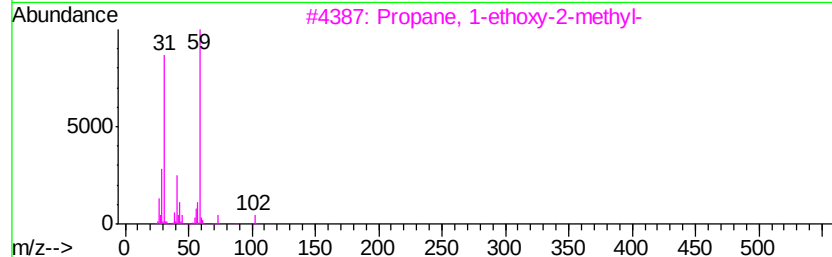
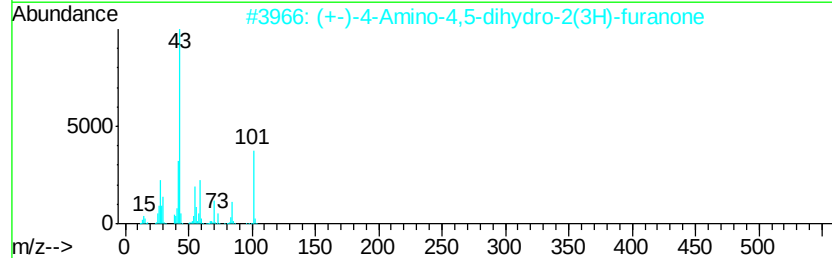
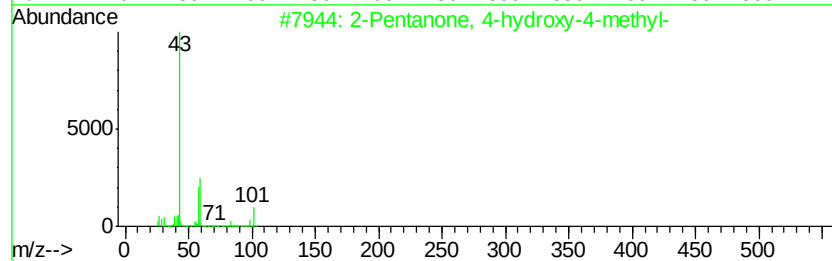
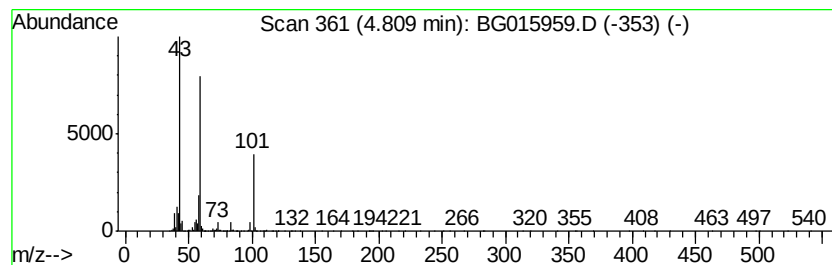
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	58.46 ng	2077110	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	35
5		1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	28



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-5

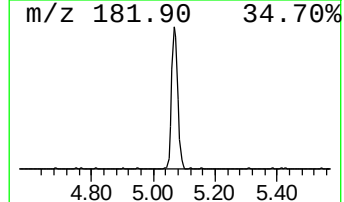
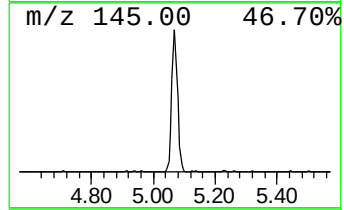
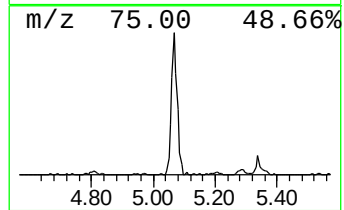
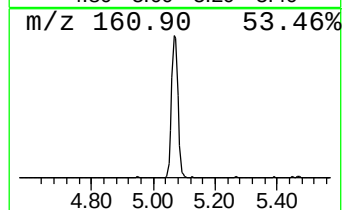
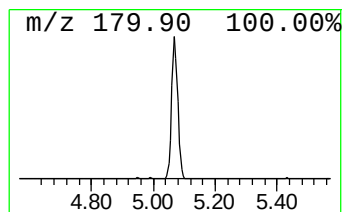
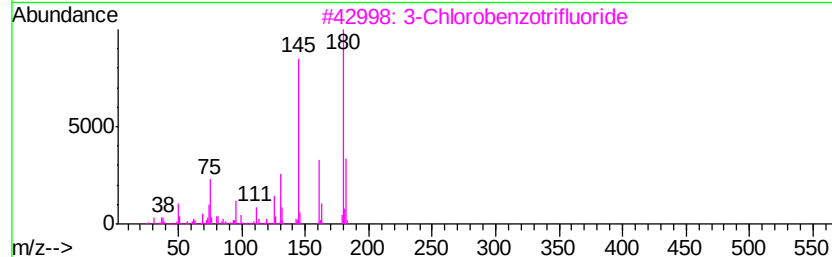
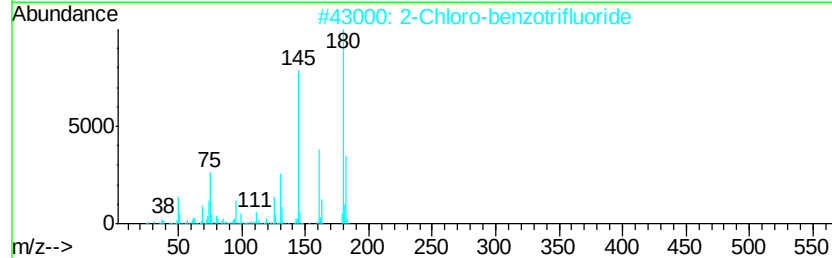
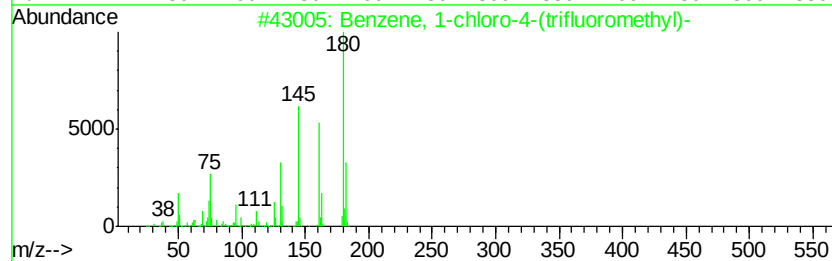
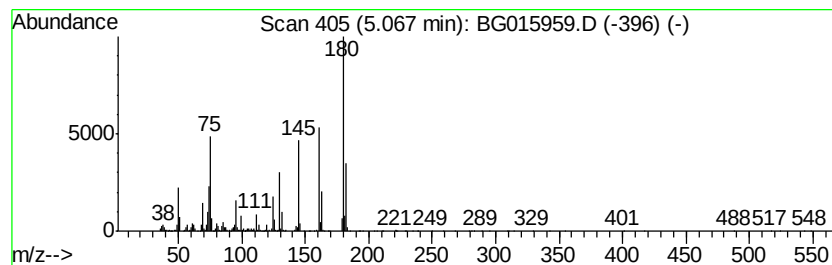
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-chloro-4-(triflu... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	40.84 ng	1451280	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	96
2		2-Chloro-benzotrifluoride	180	C7H4ClF3	000088-16-4	87
3		3-Chlorobenzotrifluoride	180	C7H4ClF3	000098-15-7	83
4		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	16
5		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	16



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-5

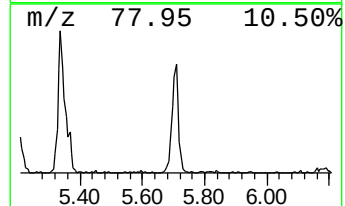
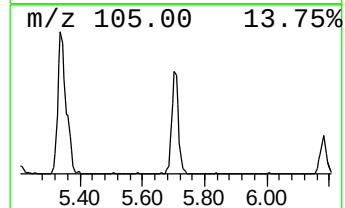
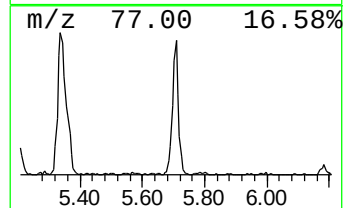
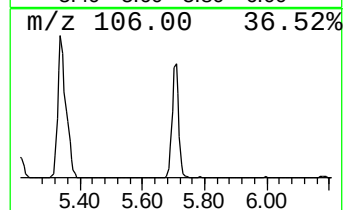
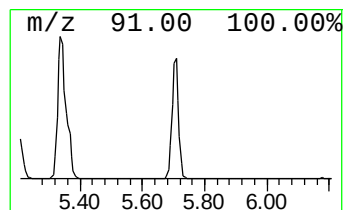
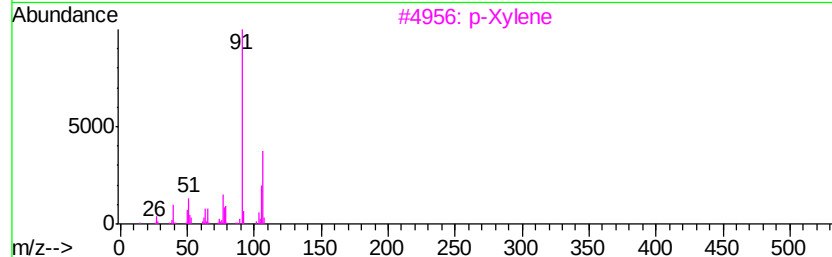
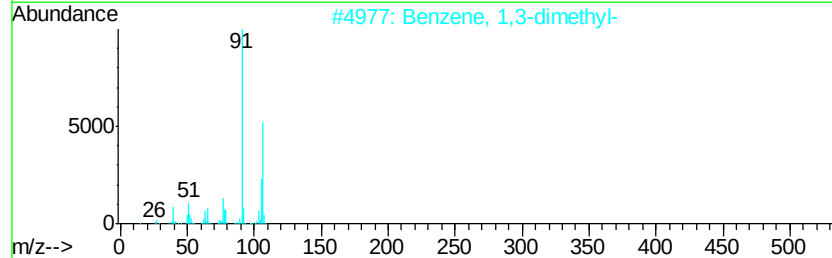
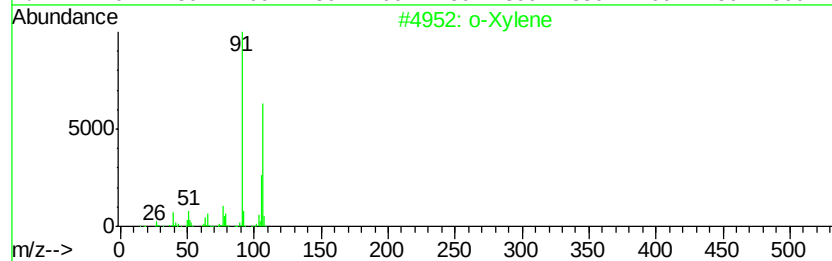
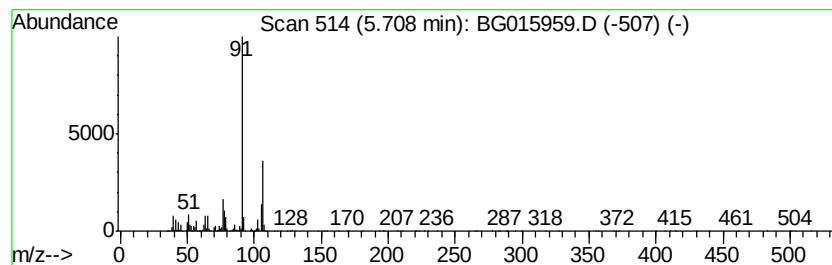
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	49.06 ng	1743300	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Xylene	106	C8H10	000095-47-6	91
2		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
3		p-Xylene	106	C8H10	000106-42-3	90
4		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5		Ethylbenzene	106	C8H10	000100-41-4	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-5

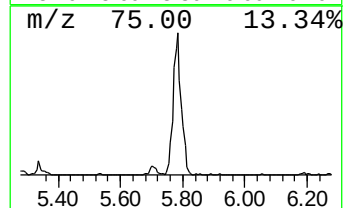
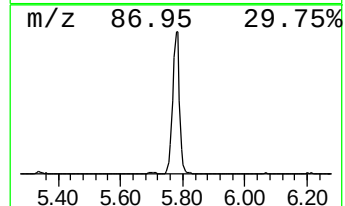
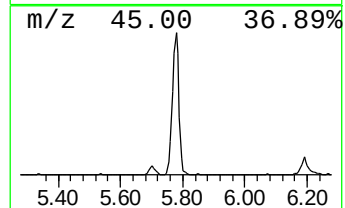
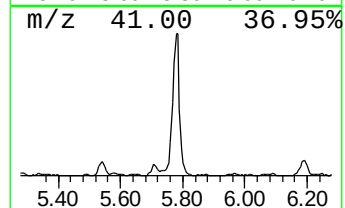
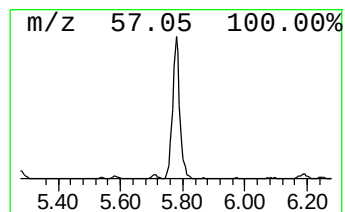
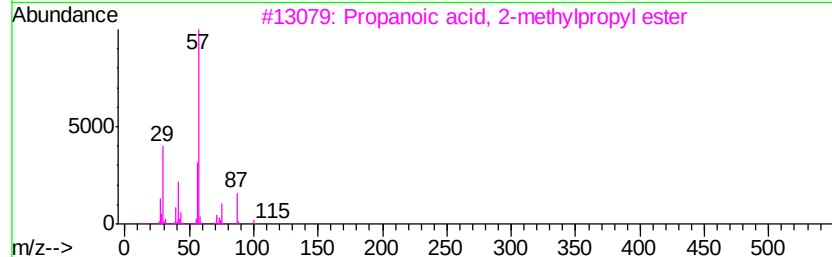
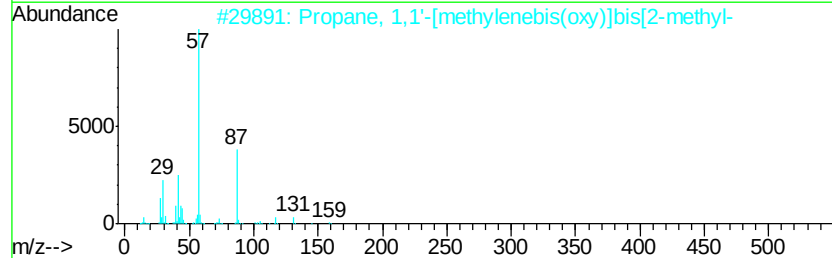
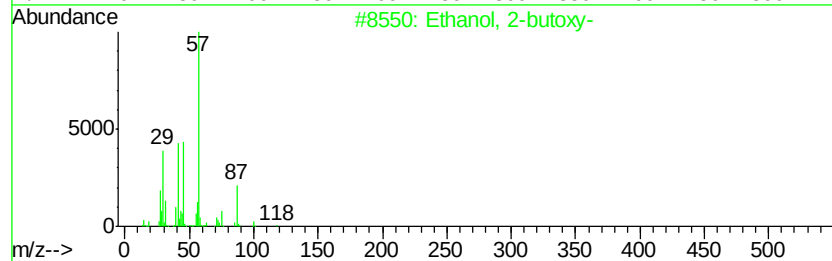
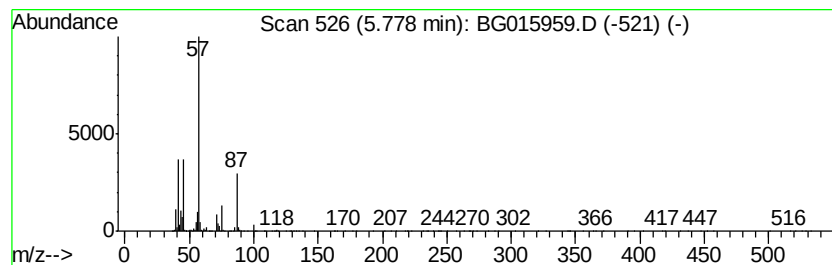
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Ethanol, 2-butoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	99.95 ng	3551500	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	91
2		Propane, 1,1'-[methylenebis(oxy)]...	160	C9H20O2	002568-91-4	37
3		Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	32
4		di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	22
5		Propanedioic acid, oxo-, bis(2-m...	230	C11H18O5	092778-43-3	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-5

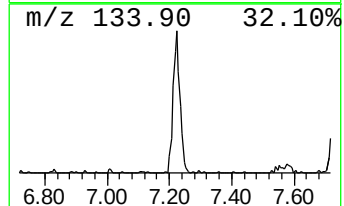
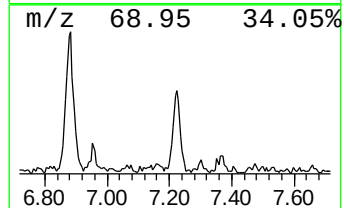
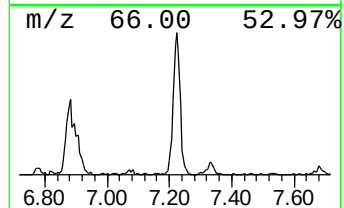
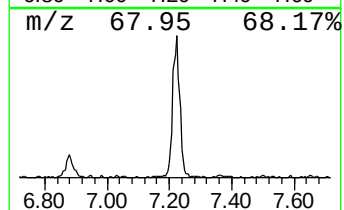
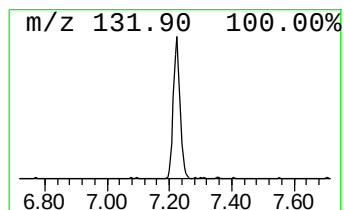
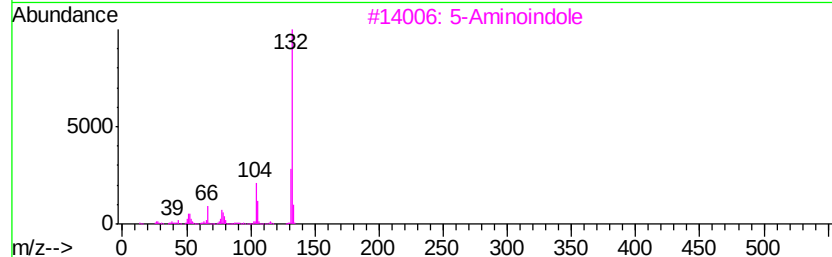
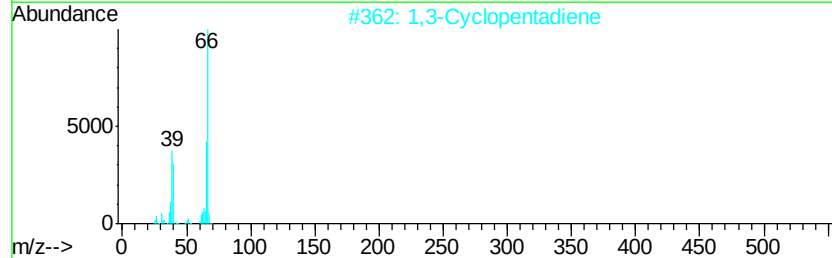
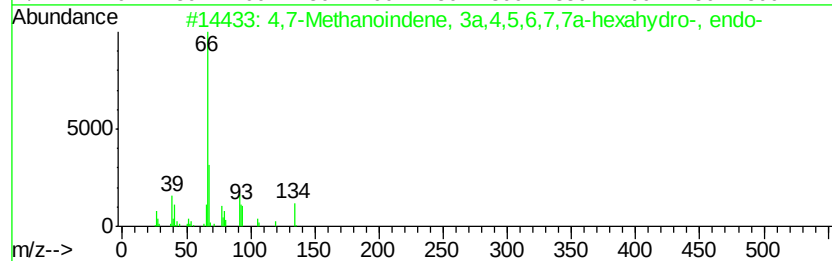
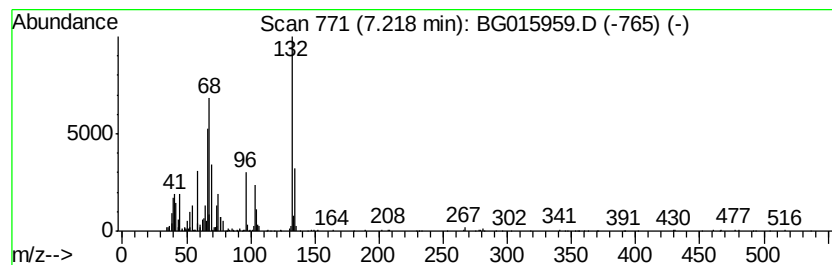
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown7.22 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	33.53 ng	1191270	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	27
2		1,3-Cyclopentadiene	66	C5H6	000542-92-7	22
3		5-Aminoindole	132	C8H8N2	005192-03-0	16
4		3H-1,2-Dithiol-3-one, 4-methyl-	132	C4H4OS2	003620-10-8	16
5		1H-Indenol	132	C9H8O	056631-57-3	16



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-5

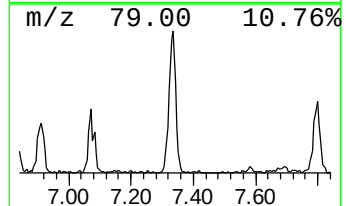
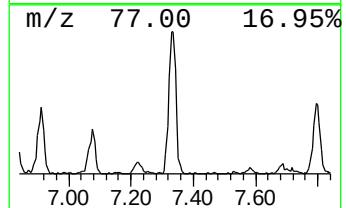
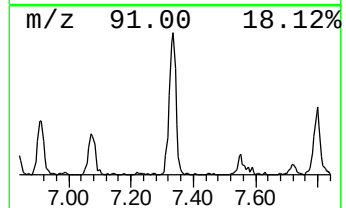
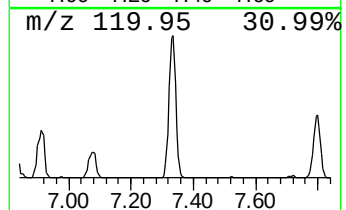
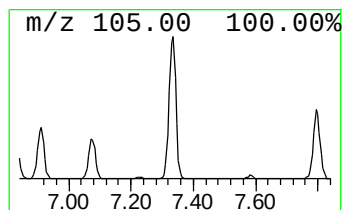
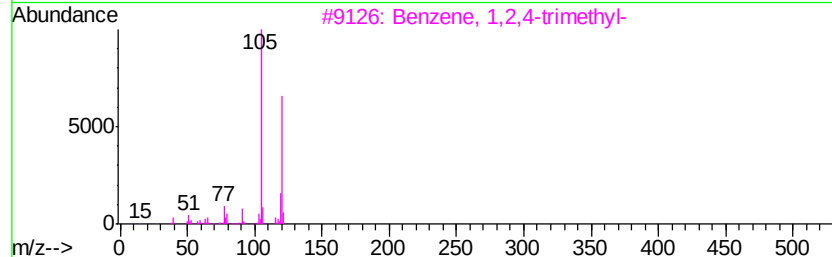
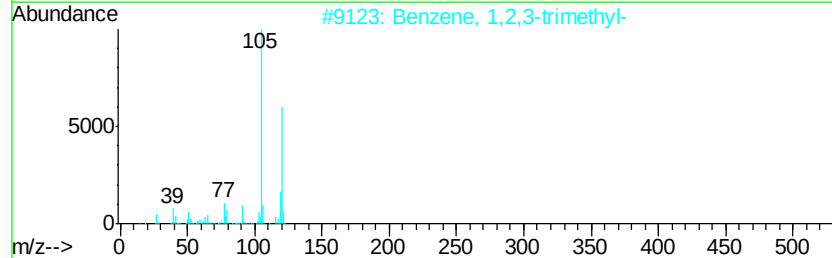
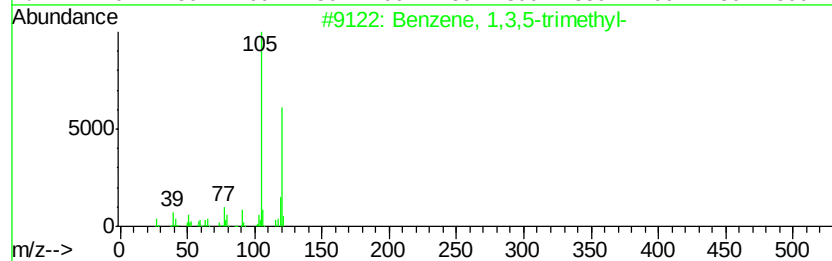
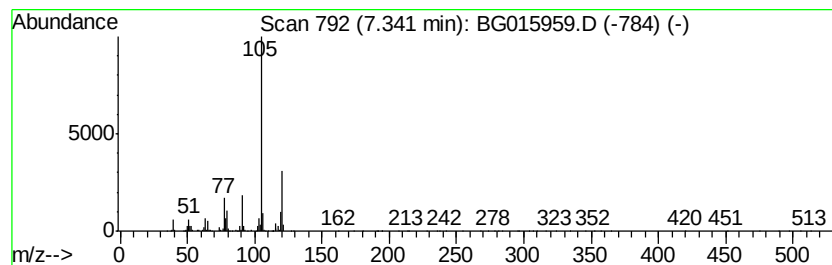
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	69.35 ng	2463980	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	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-4-methyl-	120	C9H12	000622-96-8	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-5

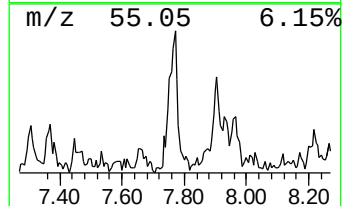
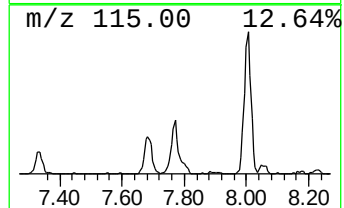
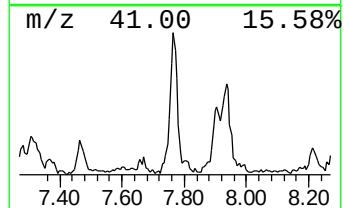
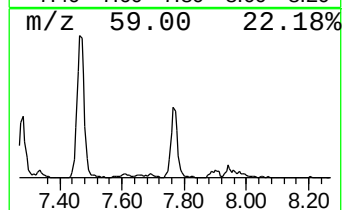
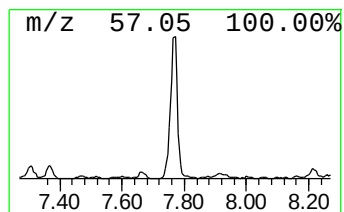
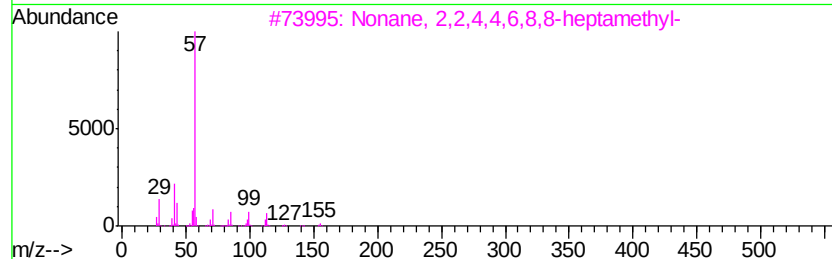
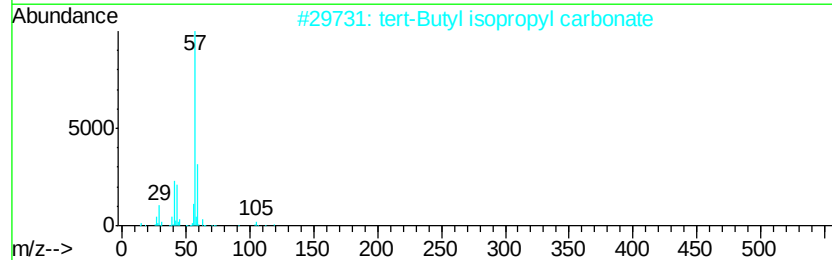
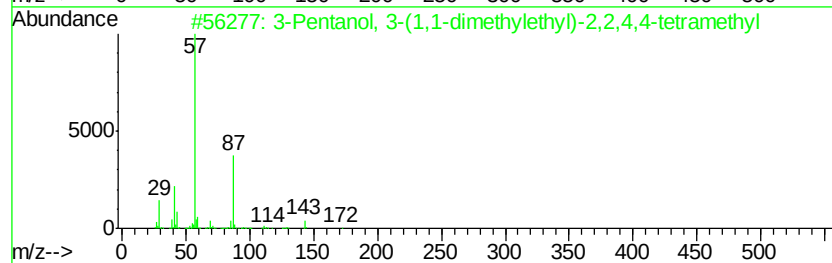
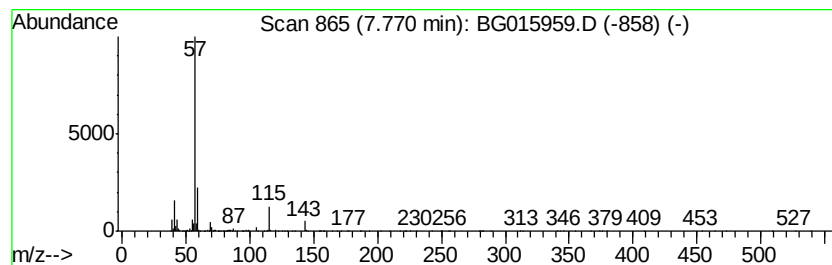
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown7.77 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	39.22 ng	1393640	1,4-Dichlorobenzene-d4	7.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol, 3-(1,1-dimethylethyl...	200	C13H28O	041902-42-5	37
2			tert-Butyl isopropyl carbonate	160	C8H16O3	030221-21-7	28
3			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	17
4			Propanoic acid, 2-propenyl ester	114	C6H10O2	002408-20-0	16
5			di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	12



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-5

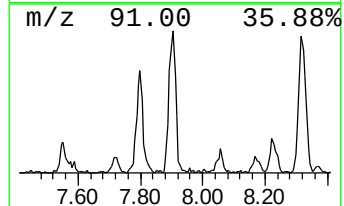
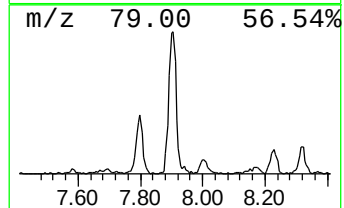
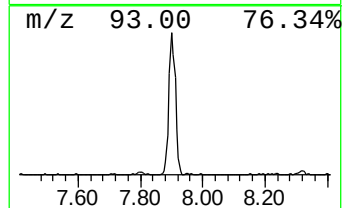
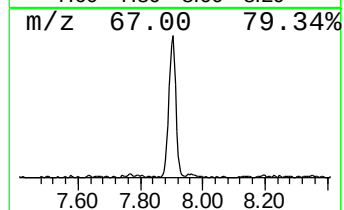
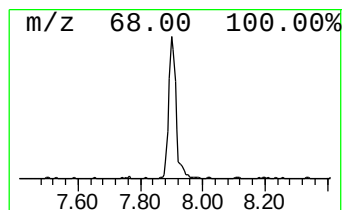
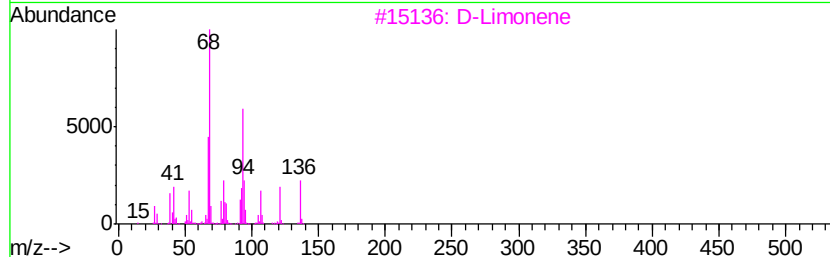
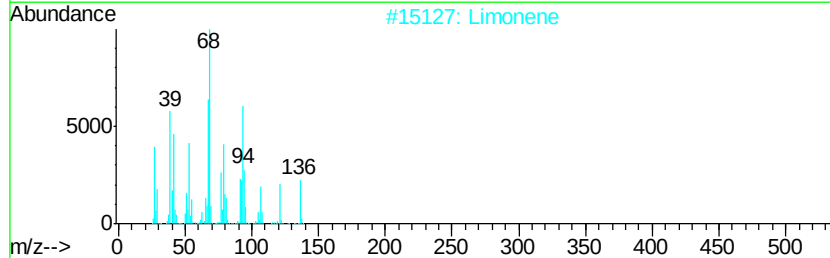
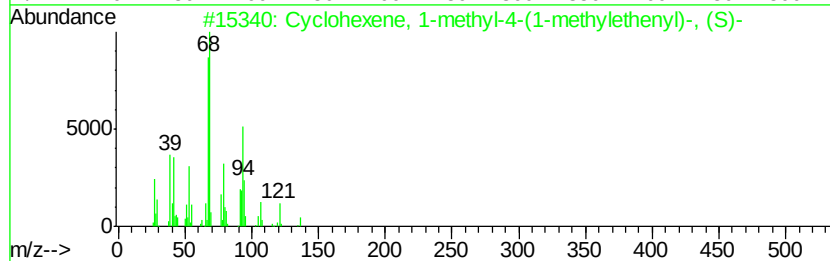
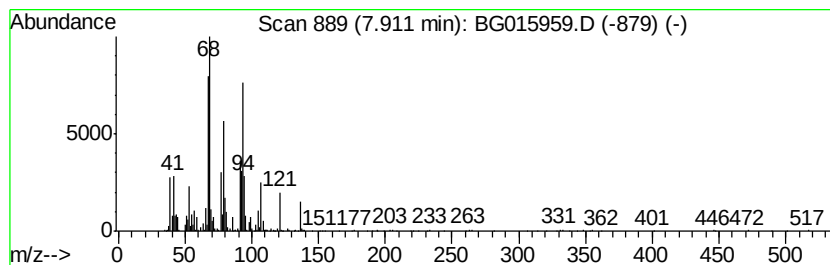
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	49.52 ng	1759430	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	87
2		Limonene	136	C10H16	000138-86-3	76
3		D-Limonene	136	C10H16	005989-27-5	76
4		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	007705-14-8	70
5		Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-5

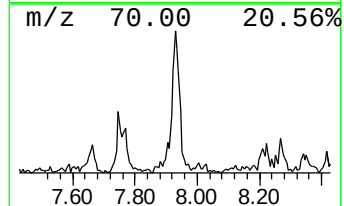
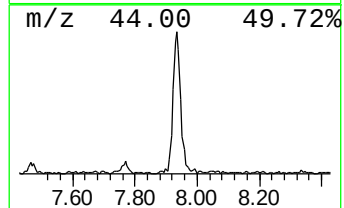
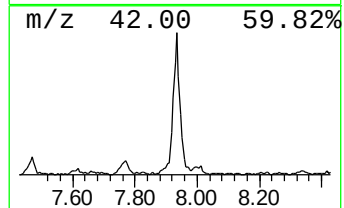
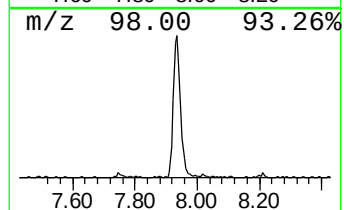
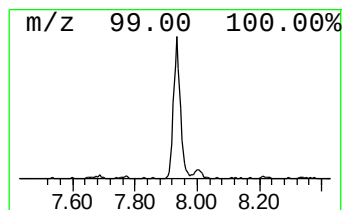
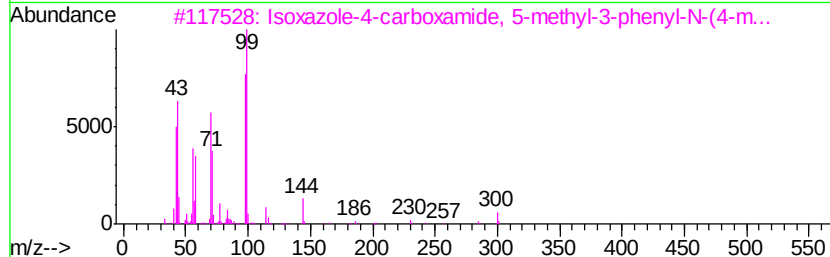
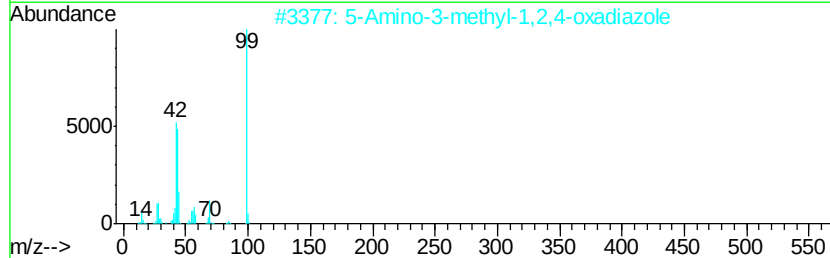
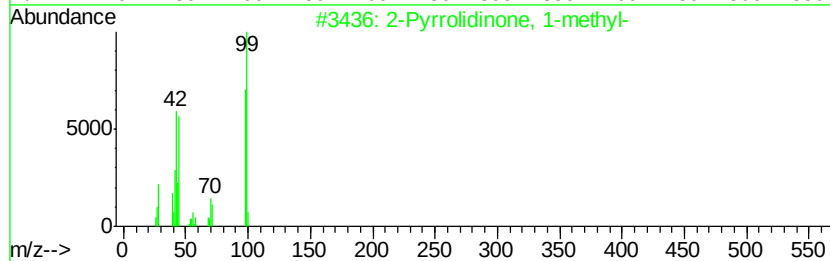
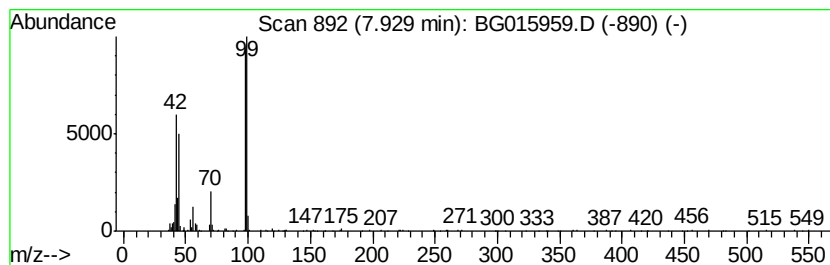
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown7.93 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	35.82 ng	1272610	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	42
2		5-Amino-3-methyl-1,2,4-oxadiazole	99	C3H5N3O	003663-39-6	38
3		Isoxazole-4-carboxamide, 5-methy...	300	C16H20N4O2	303134-45-4	36
4		4,4'-Bi-1,3,2-dioxaborolane, 2,2...	198	C8H16B2O4	062337-94-4	28
5		2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	055013-32-6	28



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-5

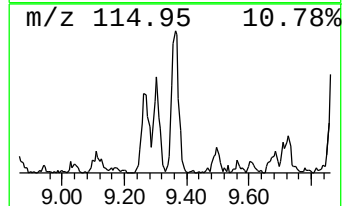
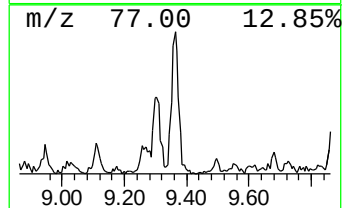
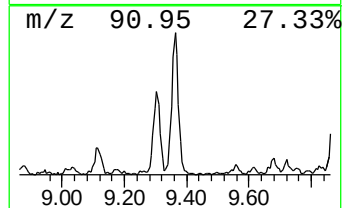
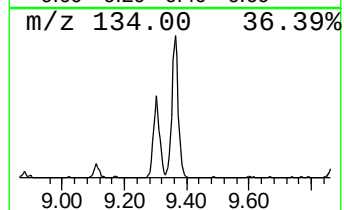
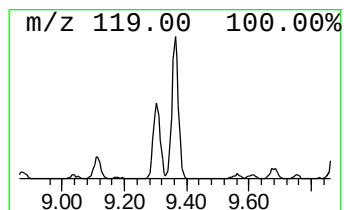
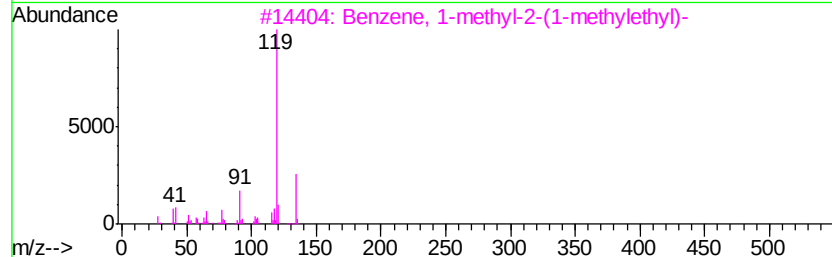
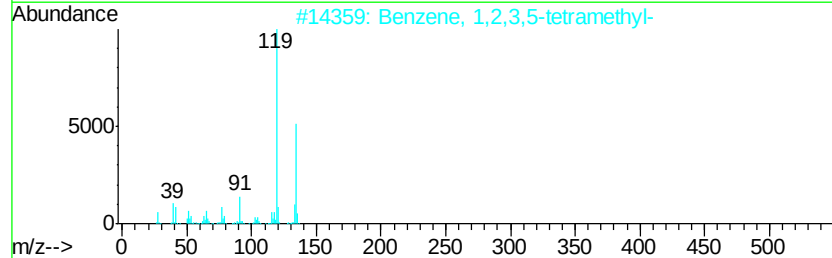
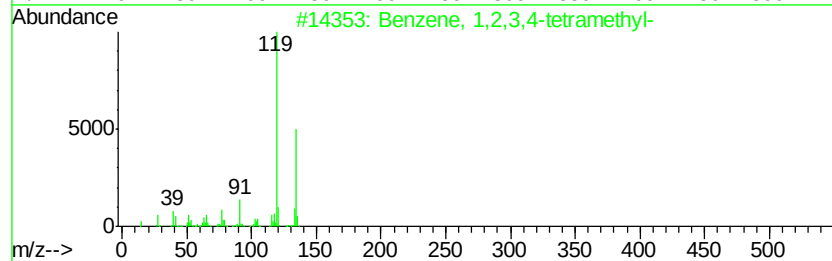
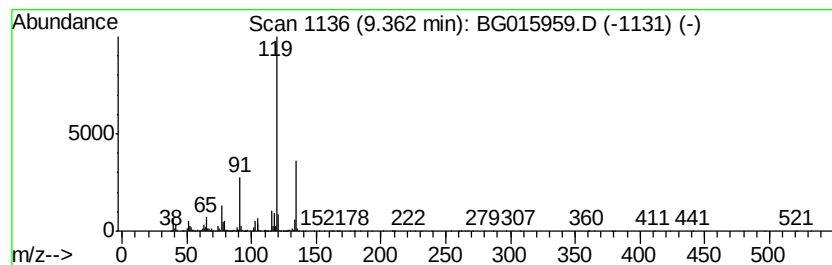
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	37.99 ng	1414270	Naphthalene-d8	10.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-5

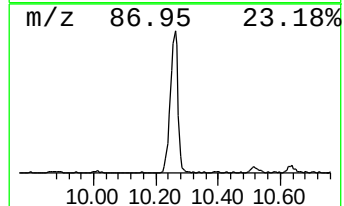
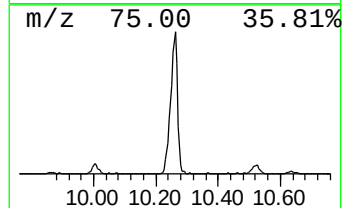
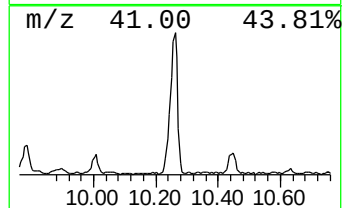
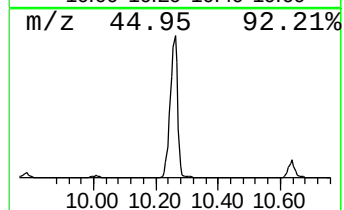
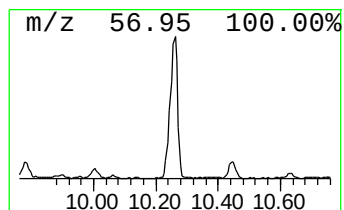
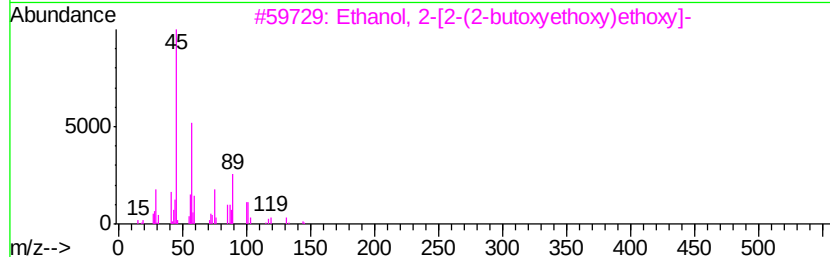
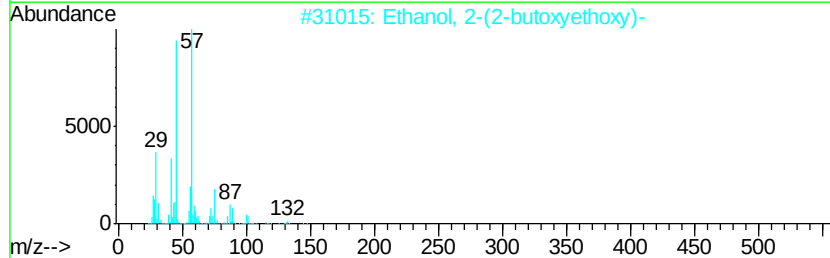
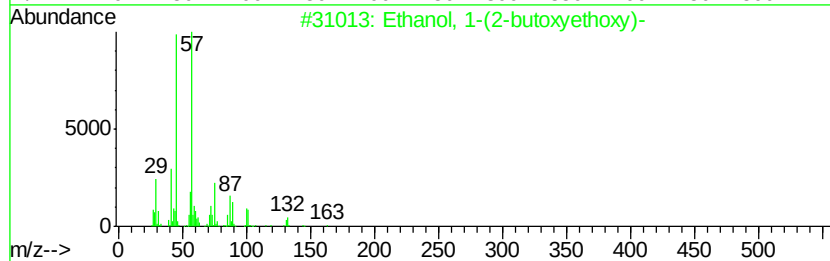
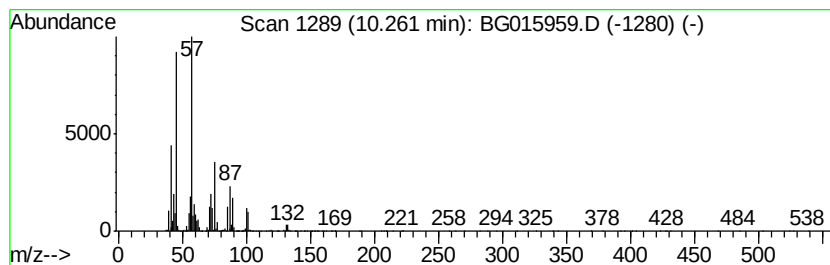
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	151.63 ng	5645390	Naphthalene-d8	10.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
2		Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
3		Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	64
4		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	53
5		Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-5

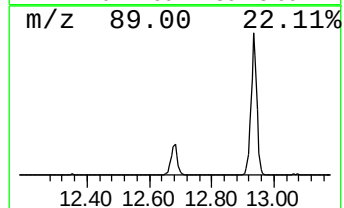
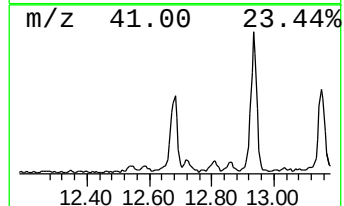
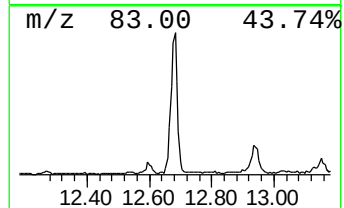
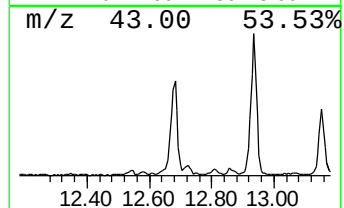
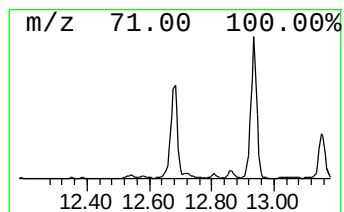
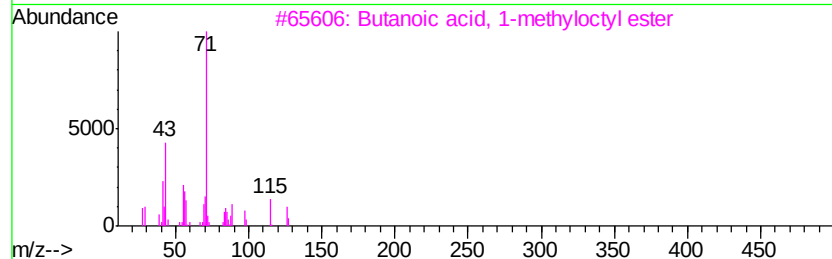
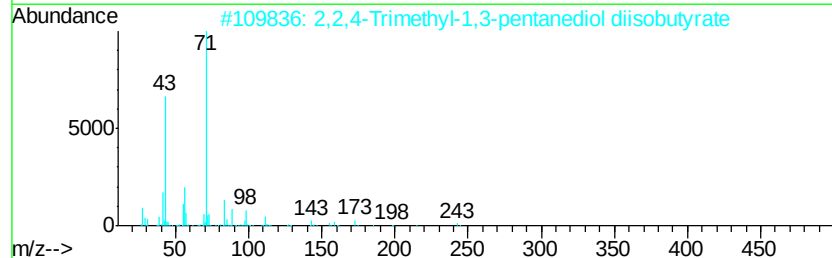
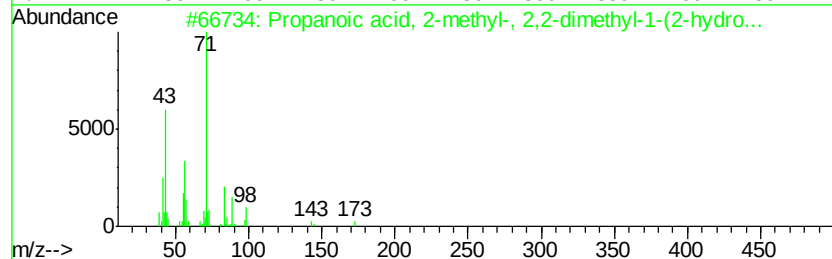
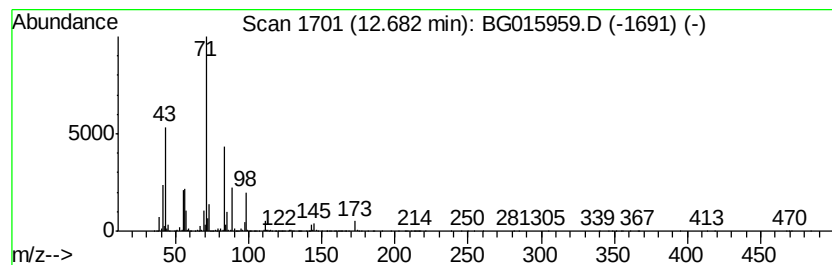
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Propanoic acid, 2-methyl-, ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	37.00 ng	3523280	Acenaphthene-d10	14.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	50
2		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	47
3		Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	37
4		Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	32
5		Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	32



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-5

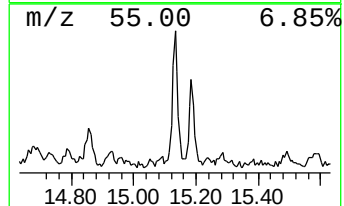
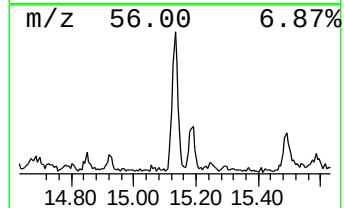
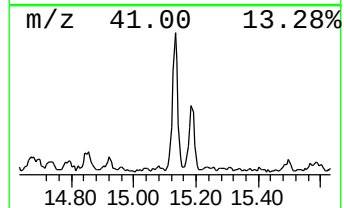
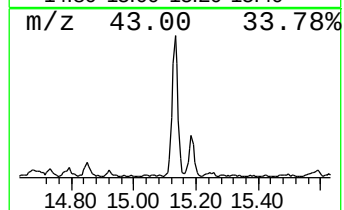
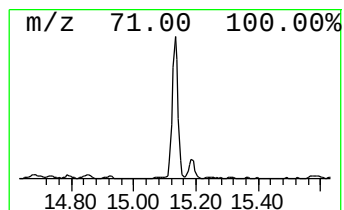
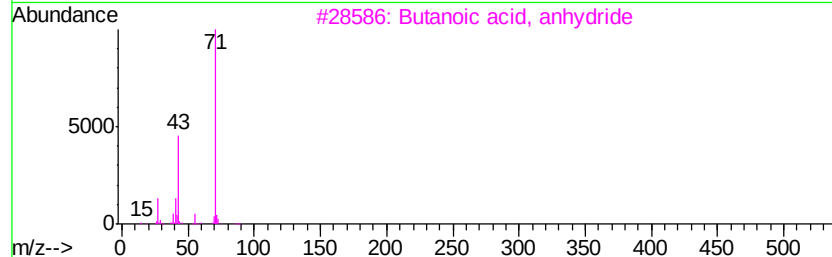
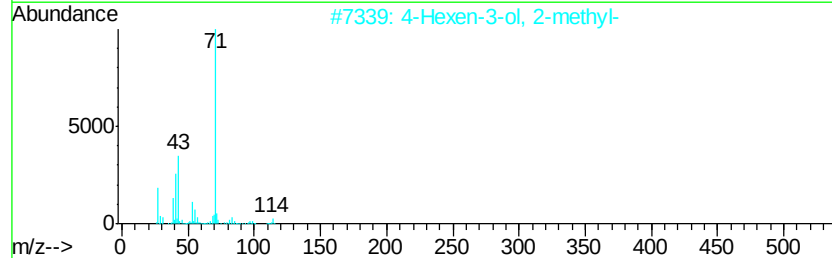
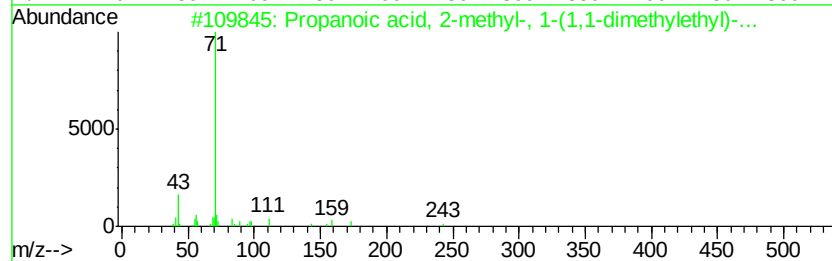
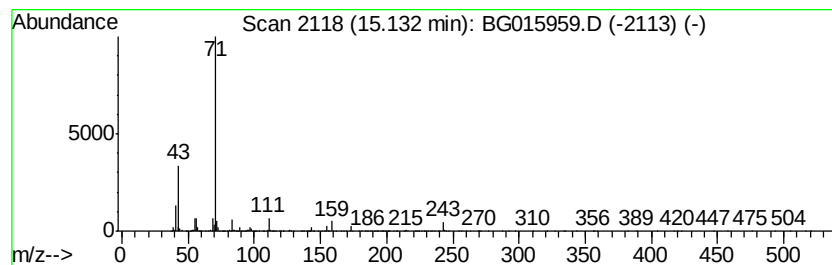
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Propanoic acid, 2-methyl-, ... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	37.11 ng	3533920	Acenaphthene-d10	14.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	78
2		4-Hexen-3-ol, 2-methyl-	114	C7H14O	004798-60-1	45
3		Butanoic acid, anhydride	158	C8H14O3	000106-31-0	45
4		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	40
5		Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	39



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015959.D
Acq On : 27 Jan 2015 23:43
Operator : TP/IZ
Sample : G1158-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-5

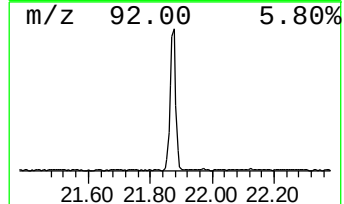
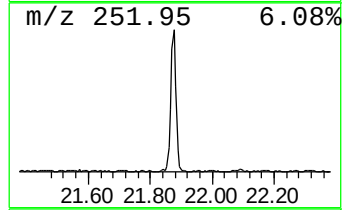
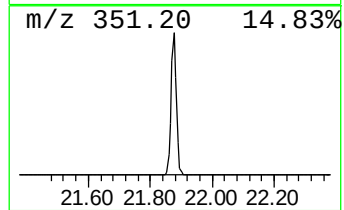
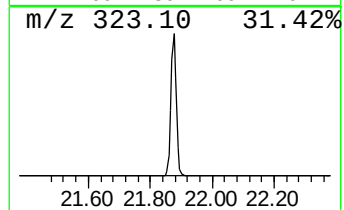
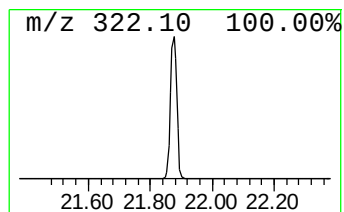
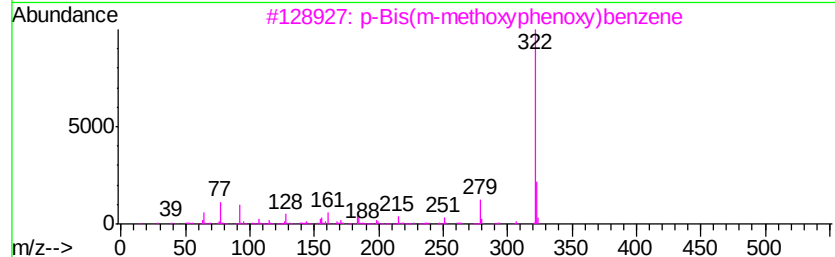
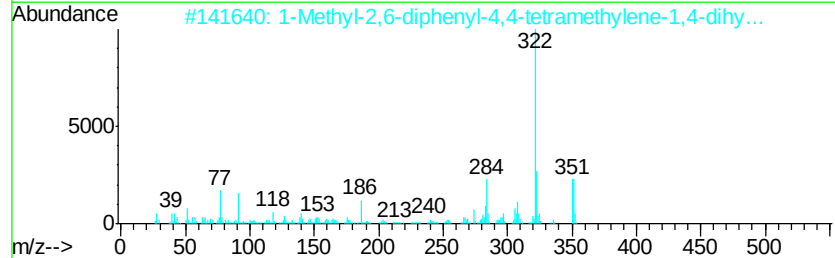
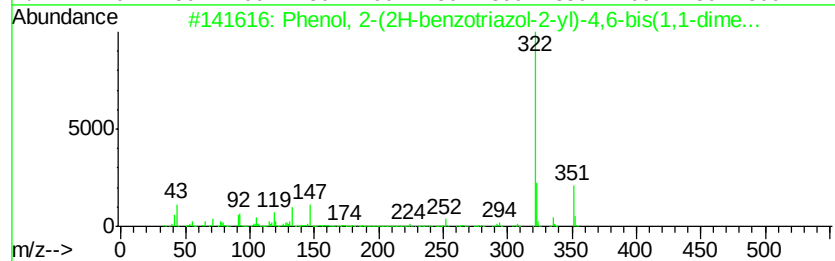
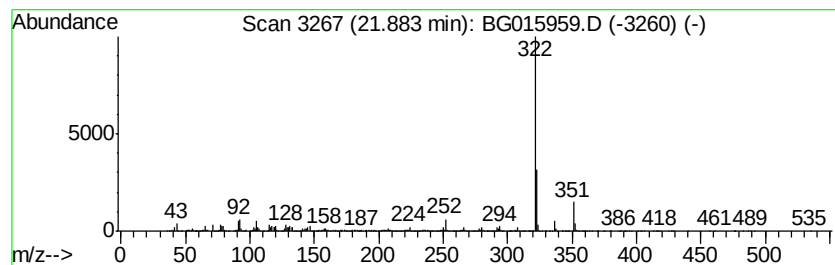
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenol, 2-(2H-benzotriazol-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	107.10 ng	13137700	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-(2H-benzotriazol-2-yl)...	351	C22H29N3O	025973-55-1	83
2		1-Methyl-2,6-diphenyl-4,4-tetram...	351	C24H21N3	083078-30-2	42
3		p-Bis(m-methoxyphenoxy)benzene	322	C20H18O4	005024-84-0	40
4		1H-Indole, 3-Phenyl-2-(3'-methyl...	322	C23H18N2	164936-86-1	38
5		Spiro[1,3-dioxolo[4,5-g]isoquino...	351	C20H17N05	020411-03-4	14



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015959.D
 Acq On : 27 Jan 2015 23:43
 Operator : TP/IZ
 Sample : G1158-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-5

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
1-Butanol	2.76	70.0	ng	2487550	1	7.68	710634	20.0
2-Propanol, 1-met...	2.86	100.6	ng	3574890	1	7.68	710634	20.0
2-Pentanone, 4-hy...	4.81	58.5	ng	2077110	1	7.68	710634	20.0
Benzene, 1-chloro...	5.07	40.8	ng	1451280	1	7.68	710634	20.0
Benzene, 1,3-dime...	5.71	49.1	ng	1743300	1	7.68	710634	20.0
Ethanol, 2-butoxy-	5.78	100.0	ng	3551500	1	7.68	710634	20.0
unknown7.22	7.22	33.5	ng	1191270	1	7.68	710634	20.0
Benzene, 1,3,5-tr...	7.34	69.3	ng	2463980	1	7.68	710634	20.0
unknown7.77	7.77	39.2	ng	1393640	1	7.68	710634	20.0
Cyclohexene, 1-me...	7.91	49.5	ng	1759430	1	7.68	710634	20.0
unknown7.93	7.93	35.8	ng	1272610	1	7.68	710634	20.0
Benzene, 1,2,3,4-...	9.36	38.0	ng	1414270	2	10.47	744627	20.0
Ethanol, 1-(2-but...	10.26	151.6	ng	5645390	2	10.47	744627	20.0
Propanoic acid, 2...	12.68	37.0	ng	3523280	3	14.33	1904550	20.0
Propanoic acid, 2...	15.13	37.1	ng	3533920	3	14.33	1904550	20.0
Phenol, 2-(2H-ben...	21.88	107.1	ng	13137700	5	21.27	2453340	20.0