

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015969.D
 Acq On : 28 Jan 2015 5:29
 Operator : TP/IZ
 Sample : G1139-12
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121B4

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	2.823	18	23	32	rBV	320743	519480	5.89%	0.722%
2	2.900	32	36	44	rVB	596756	725004	8.22%	1.008%
3	4.809	357	361	367	rVB	120102	149600	1.70%	0.208%
4	5.279	435	441	447	rBV2	813158	1184872	13.43%	1.647%
5	5.338	447	451	460	rVB2	78598	168670	1.91%	0.234%
6	5.702	505	513	518	rBV	92722	139227	1.58%	0.194%
7	6.778	690	696	701	rBV2	103180	157486	1.79%	0.219%
8	6.866	701	711	716	rVV	540237	902255	10.23%	1.254%
9	6.907	716	718	725	rVB2	89326	132452	1.50%	0.184%
10	7.077	740	747	753	rBV	113271	181779	2.06%	0.253%
11	7.218	764	771	781	rBV	1571137	2478864	28.10%	3.446%
12	7.330	785	790	798	rVB	333601	493443	5.59%	0.686%
13	7.682	845	850	855	rBV	455309	722924	8.20%	1.005%
14	7.794	863	869	876	rVB	182991	290720	3.30%	0.404%
15	8.006	897	905	908	rBV	1645544	2946877	33.41%	4.097%
16	8.229	936	943	948	rVB4	61969	107051	1.21%	0.149%
17	8.317	953	958	963	rBV3	93027	148167	1.68%	0.206%
18	8.482	975	986	995	rBV7	64888	190032	2.15%	0.264%
19	8.628	1004	1011	1016	rBV3	71038	104413	1.18%	0.145%
20	8.781	1030	1037	1041	rBV3	124834	211389	2.40%	0.294%
21	8.840	1041	1047	1058	rVB	1480379	2535036	28.74%	3.524%
22	9.116	1085	1094	1099	rBV2	60940	109737	1.24%	0.153%
23	9.304	1121	1126	1131	rVB3	64343	107644	1.22%	0.150%
24	9.363	1131	1136	1145	rBV	126889	202435	2.30%	0.281%
25	9.680	1181	1190	1193	rBV10	45393	114653	1.30%	0.159%
26	9.721	1193	1197	1205	rVB2	97567	154864	1.76%	0.215%
27	9.868	1217	1222	1231	rVB3	301435	568721	6.45%	0.791%
28	10.103	1257	1262	1270	rVB3	163881	282890	3.21%	0.393%
29	10.332	1293	1301	1308	rBV	1438208	2352111	26.67%	3.270%
30	10.467	1317	1324	1328	rBV	574869	997021	11.30%	1.386%
31	10.520	1328	1333	1339	rVV	1088623	1788467	20.28%	2.486%
32	10.579	1340	1343	1348	rVB3	70287	108901	1.23%	0.151%
33	10.855	1384	1390	1397	rVV2	375918	689575	7.82%	0.959%
34	10.932	1399	1403	1411	rVB3	64150	134746	1.53%	0.187%

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35	11.384	1474	1480	1485	rVB3	89187	154778	1.75%	0.215%
36	11.496	1493	1499	1505	rBV8	49912	120386	1.36%	0.167%
37	11.560	1505	1510	1511	rBV5	94714	106305	1.21%	0.148%
38	11.660	1523	1527	1534	rBV4	154721	259752	2.94%	0.361%
39	12.024	1584	1589	1594	rVB4	166539	272209	3.09%	0.378%
40	12.136	1597	1608	1615	rBV	890504	1495303	16.95%	2.079%
41	12.359	1639	1646	1651	rBV	725900	1165086	13.21%	1.620%
42	12.865	1728	1732	1737	rVV7	80492	118023	1.34%	0.164%
43	12.947	1739	1746	1756	rVB	4091198	5922955	67.15%	8.234%
44	13.158	1776	1782	1787	rBV2	170508	248720	2.82%	0.346%
45	13.270	1794	1801	1805	rVB5	60929	119160	1.35%	0.166%
46	13.329	1805	1811	1817	rBV2	926331	1530271	17.35%	2.127%
47	13.382	1817	1820	1825	rVB	227612	322373	3.65%	0.448%
48	13.487	1830	1838	1839	rBV	226735	304172	3.45%	0.423%
49	13.646	1854	1865	1870	rBV3	509221	939316	10.65%	1.306%
50	13.699	1870	1874	1881	rVB2	286085	437171	4.96%	0.608%
51	13.811	1890	1893	1897	rVB2	84308	114797	1.30%	0.160%
52	13.887	1900	1906	1908	rVV2	212736	329400	3.73%	0.458%
53	13.916	1908	1911	1917	rVB2	398171	520103	5.90%	0.723%
54	14.051	1930	1934	1940	rBV2	139460	192183	2.18%	0.267%
55	14.328	1970	1981	1986	rBV3	1022623	1783646	20.22%	2.480%
56	14.392	1986	1992	1998	rVV3	219078	591650	6.71%	0.823%
57	14.457	1998	2003	2012	rVV4	118535	321125	3.64%	0.446%
58	14.557	2012	2020	2026	rVB7	169840	378057	4.29%	0.526%
59	14.727	2045	2049	2057	rVB2	288894	455458	5.16%	0.633%
60	14.809	2058	2063	2068	rVB3	119949	169445	1.92%	0.236%
61	14.950	2082	2087	2092	rBV3	123925	223343	2.53%	0.311%
62	14.997	2092	2095	2100	rVB2	86936	122441	1.39%	0.170%
63	15.156	2119	2122	2130	rVB5	114289	193709	2.20%	0.269%
64	15.279	2138	2143	2151	rBV5	59933	115874	1.31%	0.161%
65	15.379	2154	2160	2164	rBV	397937	572036	6.49%	0.795%
66	15.415	2164	2166	2172	rVB6	153072	210895	2.39%	0.293%
67	15.526	2177	2185	2191	rVV3	925387	2100381	23.81%	2.920%
68	15.591	2191	2196	2200	rVB4	161026	212265	2.41%	0.295%
69	15.673	2207	2210	2217	rVB5	109931	207164	2.35%	0.288%
70	15.826	2227	2236	2244	rBV	3407848	5081213	57.61%	7.064%
71	15.902	2244	2249	2253	rVB7	99660	147065	1.67%	0.204%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

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Peak Location: TOP

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72	16.073	2270	2278	2283	rVB5	199804	376767	4.27%	0.524%
73	16.278	2309	2313	2318	rVB5	67555	111332	1.26%	0.155%
74	16.437	2336	2340	2345	rVV8	128233	199536	2.26%	0.277%
75	16.889	2414	2417	2424	rVB3	138867	229196	2.60%	0.319%
76	17.077	2444	2449	2453	rBV	1561437	2118946	24.02%	2.946%
77	17.118	2453	2456	2461	rVB	413326	535830	6.08%	0.745%
78	17.201	2468	2470	2476	rVB4	138040	194407	2.20%	0.270%
79	17.301	2480	2487	2493	rVB	346702	598584	6.79%	0.832%
80	17.418	2504	2507	2514	rVV8	60927	118418	1.34%	0.165%
81	17.489	2514	2519	2524	rVB	308085	458669	5.20%	0.638%
82	17.747	2560	2563	2567	rVB5	148768	193643	2.20%	0.269%
83	17.812	2567	2574	2579	rBV4	196051	315380	3.58%	0.438%
84	17.953	2591	2598	2602	rBV4	96504	184692	2.09%	0.257%
85	18.000	2602	2606	2611	rVV2	183798	265487	3.01%	0.369%
86	18.047	2611	2614	2621	rVV	99763	148055	1.68%	0.206%
87	18.135	2624	2629	2635	rVB7	106386	208522	2.36%	0.290%
88	18.305	2654	2658	2664	rBV2	90637	131842	1.49%	0.183%
89	18.399	2671	2674	2681	rVB6	124752	204511	2.32%	0.284%
90	18.499	2686	2691	2695	rVB6	85013	135588	1.54%	0.189%
91	18.928	2761	2764	2769	rVB6	107405	134085	1.52%	0.186%
92	19.134	2796	2799	2803	rBV3	71298	102194	1.16%	0.142%
93	19.510	2857	2863	2866	rBV2	53346	105741	1.20%	0.147%
94	19.715	2891	2898	2906	rBV	6810124	8820169	100.00%	12.262%
95	20.826	3082	3087	3092	rVB6	109730	148436	1.68%	0.206%
96	20.979	3109	3113	3117	rBV	211606	229188	2.60%	0.319%
97	21.184	3144	3148	3153	rVB3	92245	126798	1.44%	0.176%
98	21.267	3156	3162	3167	rBV	2410559	3061455	34.71%	4.256%
99	21.760	3243	3246	3250	rBV2	134630	148502	1.68%	0.206%
100	23.523	3539	3546	3554	rBV2	1393153	2663888	30.20%	3.703%

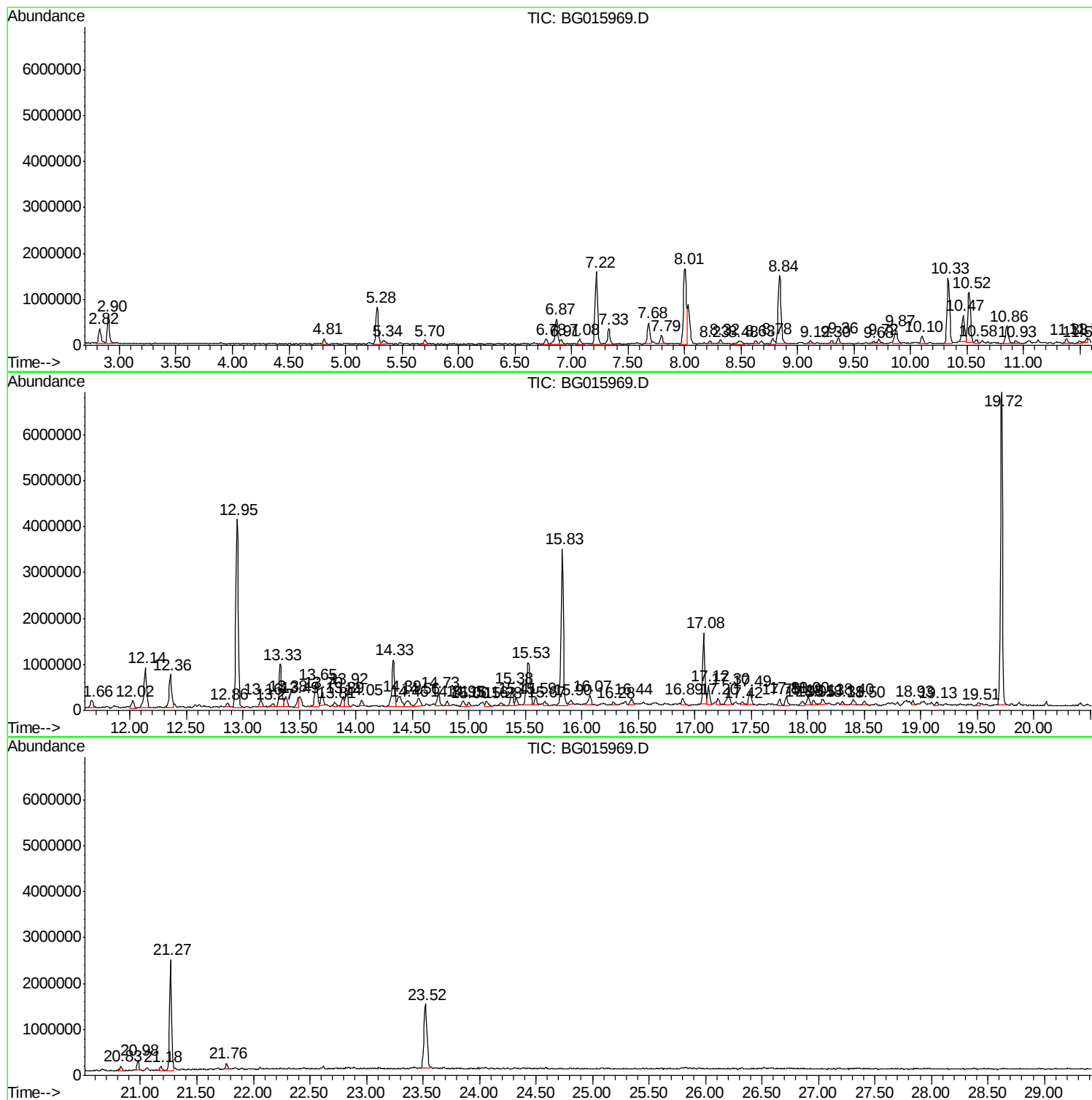
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Instrument :
BNA_G
ClientSampled :
121B4

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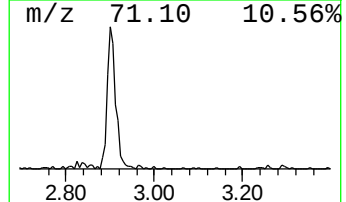
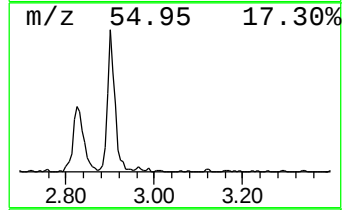
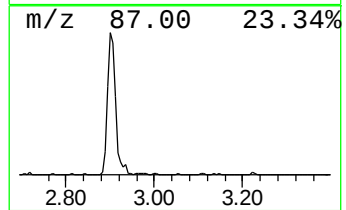
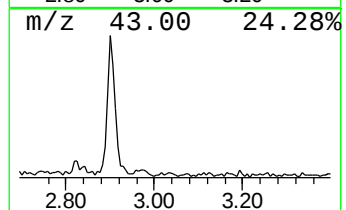
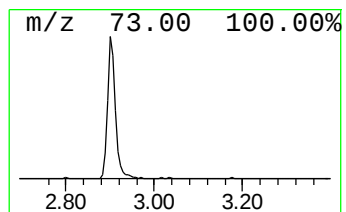
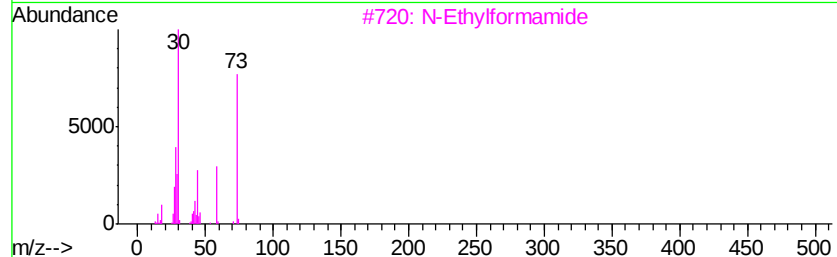
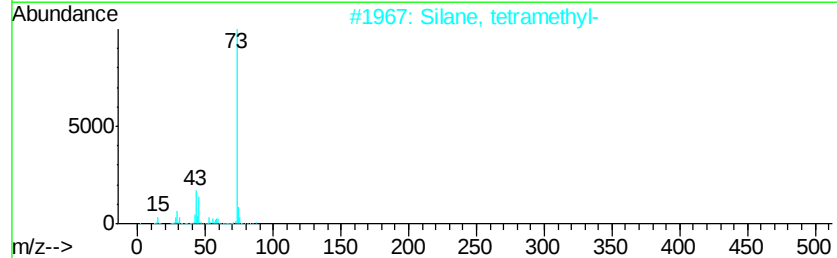
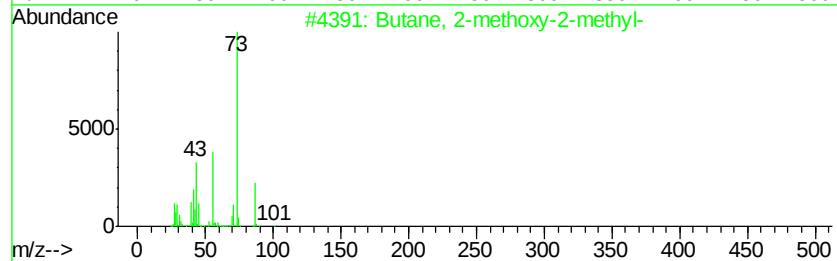
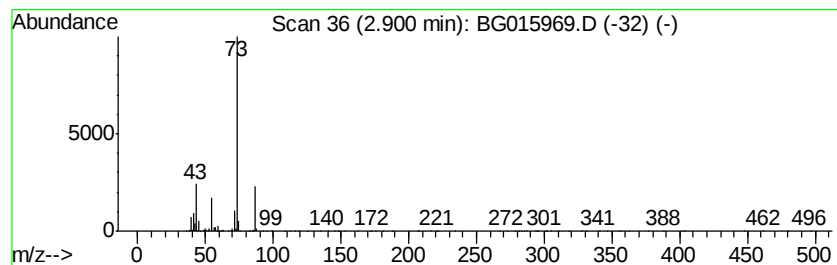
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	20.06 ng	725004	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	50
2		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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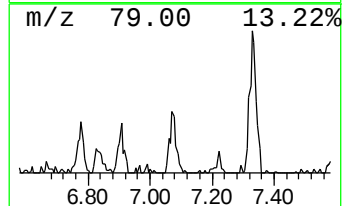
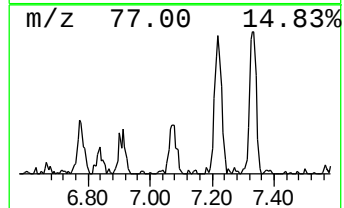
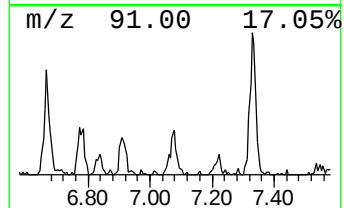
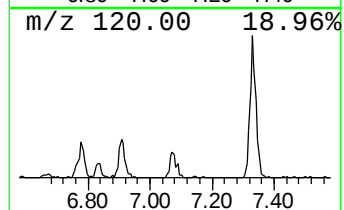
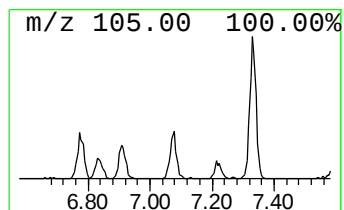
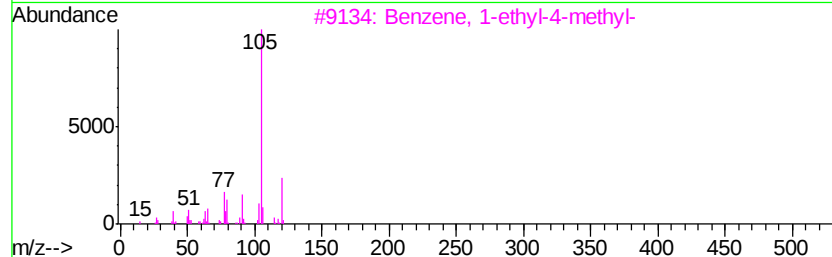
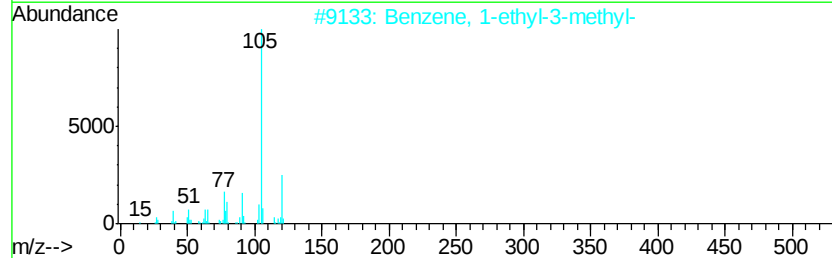
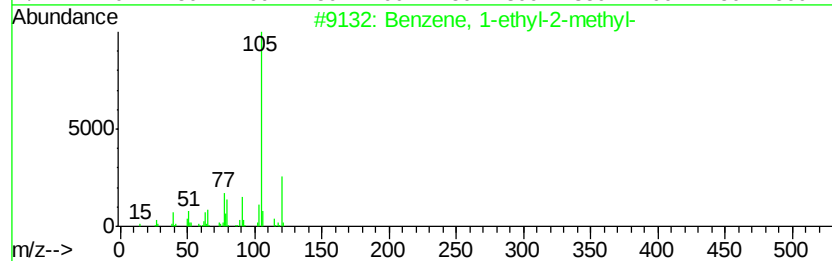
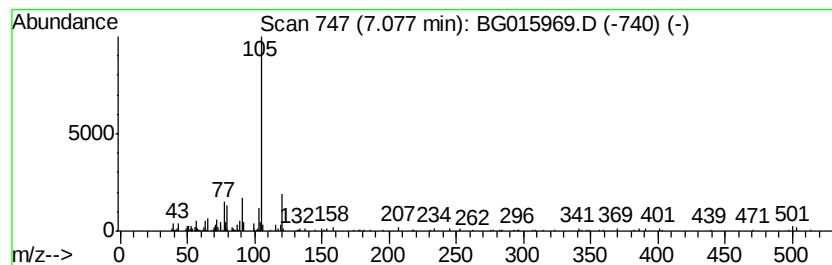
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.08 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	5.03 ng	181779	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	62
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	58
5		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	58



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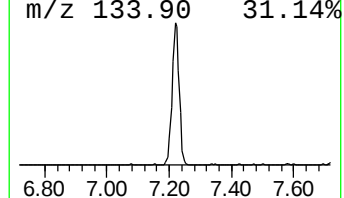
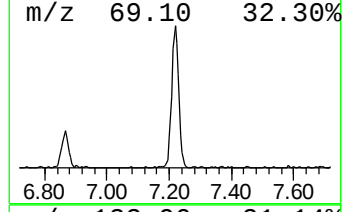
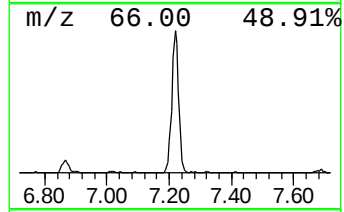
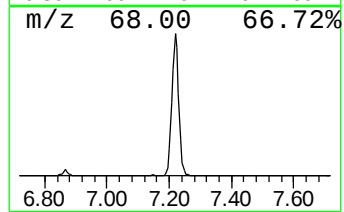
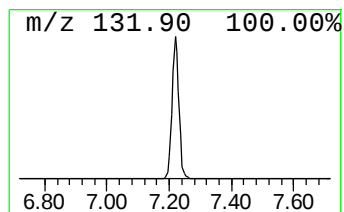
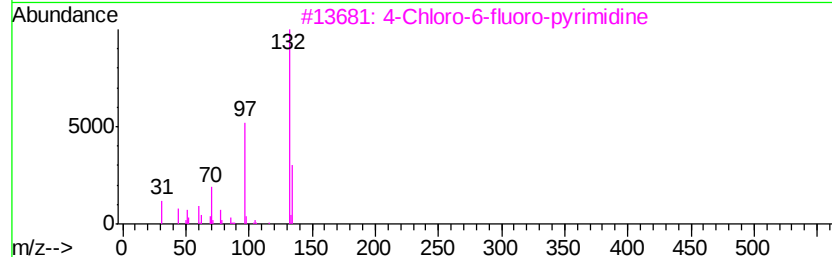
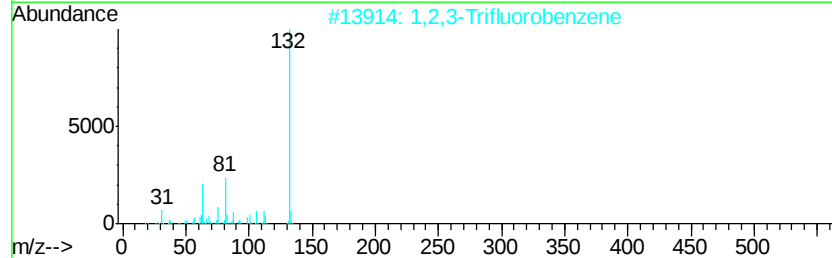
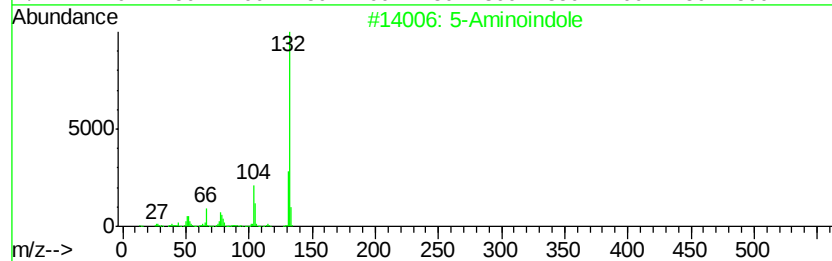
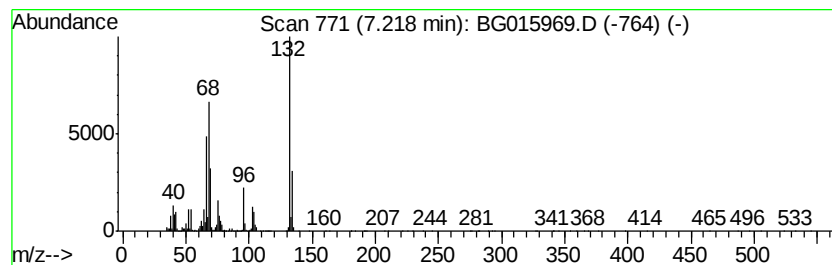
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	68.58 ng	2478860	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	25
2		1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	11
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	10
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015969.D
Acq On : 28 Jan 2015 5:29
Operator : TP/IZ
Sample : G1139-12
Misc :
ALS Vial : 50 Sample Multiplier: 1

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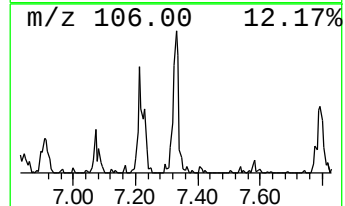
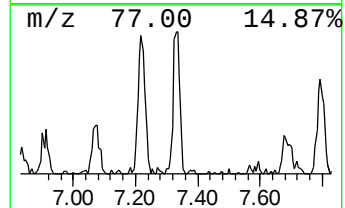
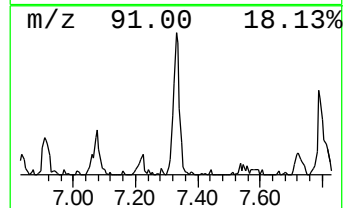
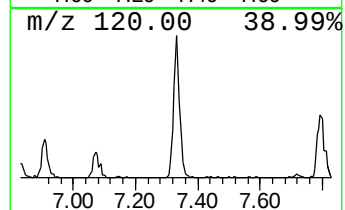
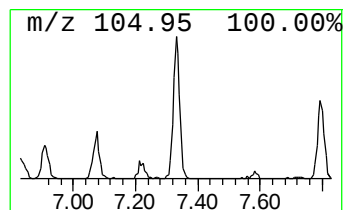
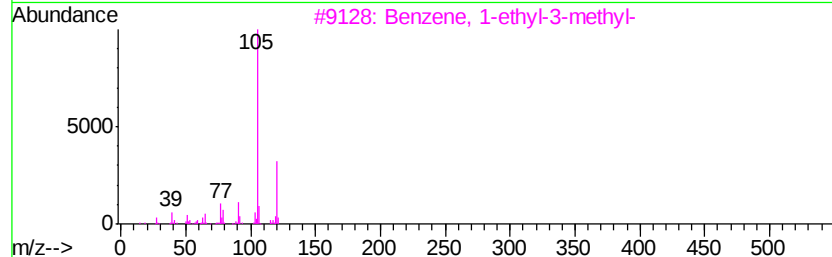
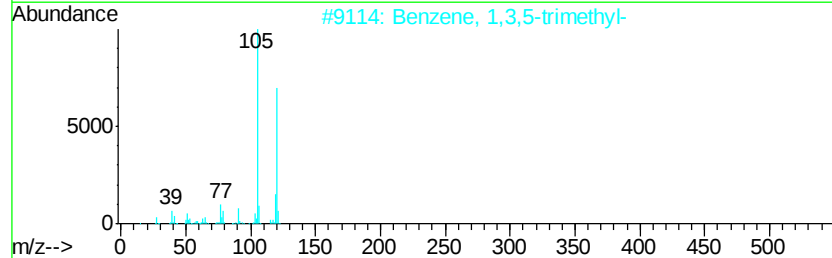
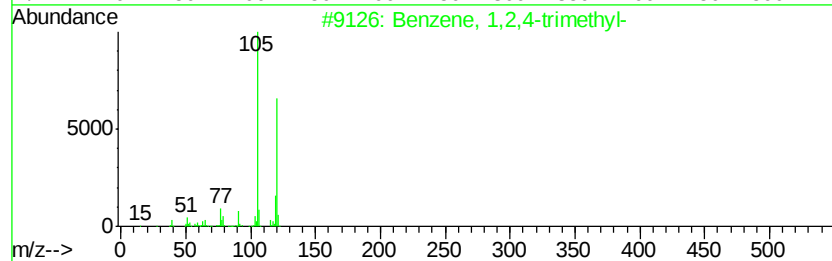
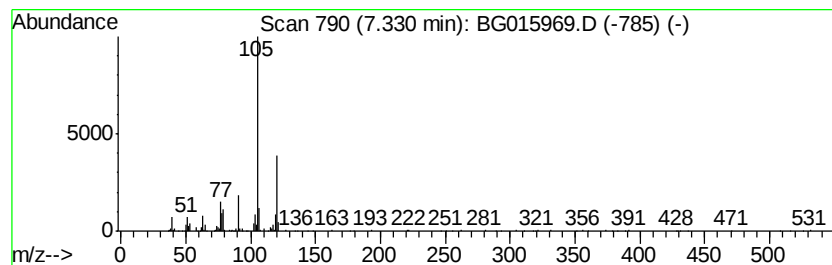
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	13.65 ng	493443	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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Acq On : 28 Jan 2015 5:29
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Misc :
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ClientSampleId :
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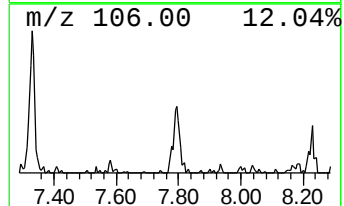
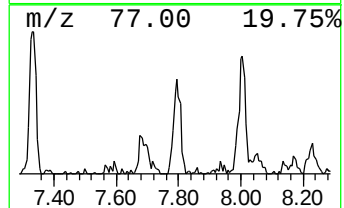
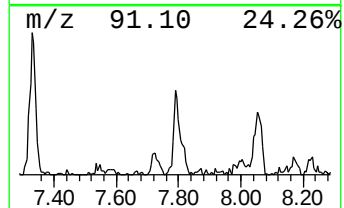
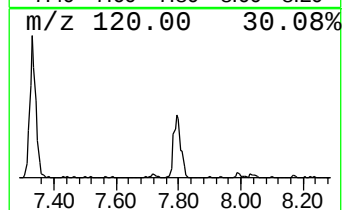
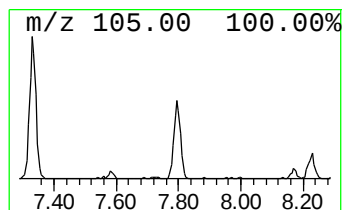
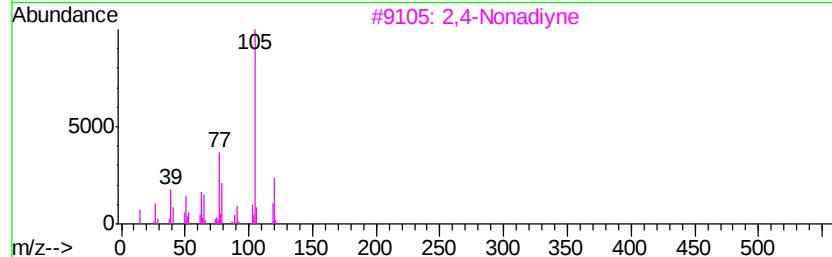
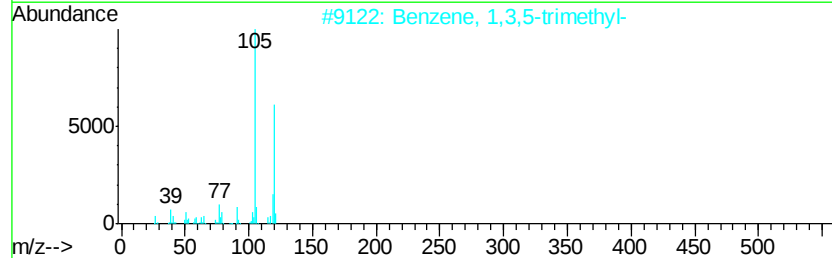
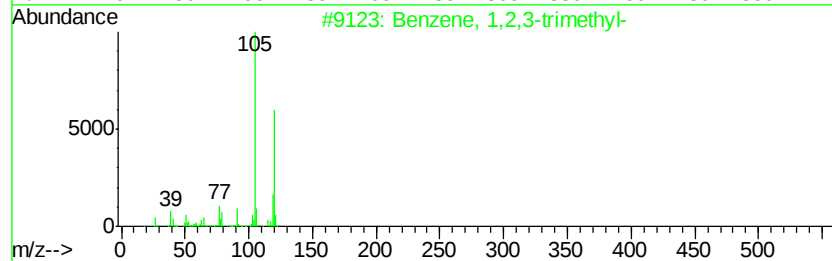
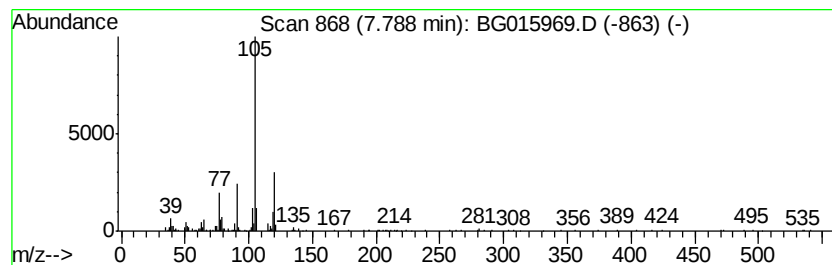
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	8.04 ng	290720	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	87
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87
3		2,4-Nonadiyne	120	C9H12	063621-15-8	87
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015969.D
Acq On : 28 Jan 2015 5:29
Operator : TP/IZ
Sample : G1139-12
Misc :
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Instrument :
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ClientSampleId :
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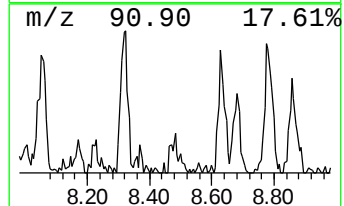
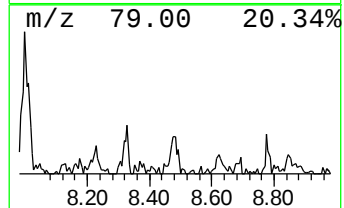
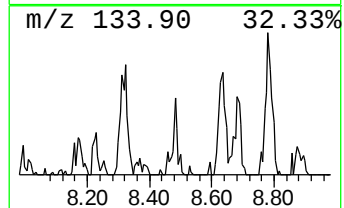
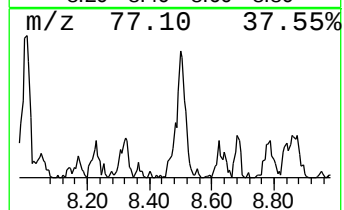
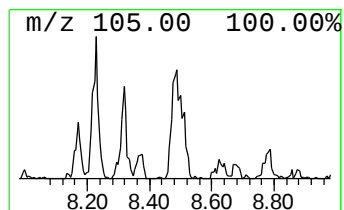
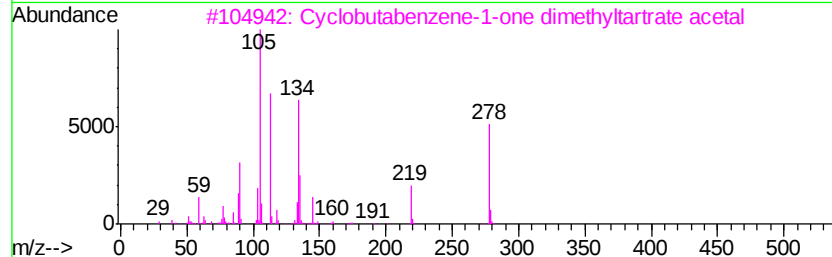
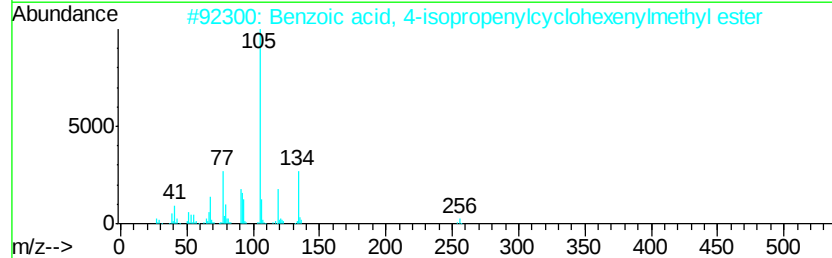
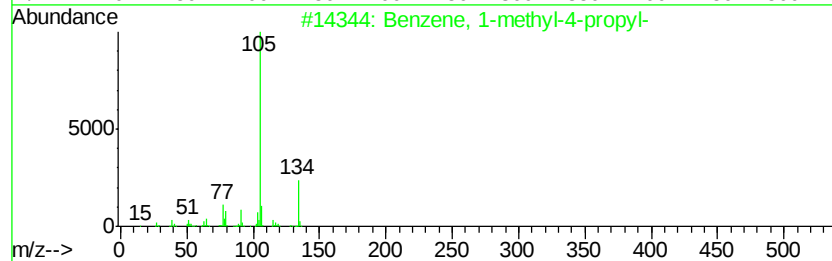
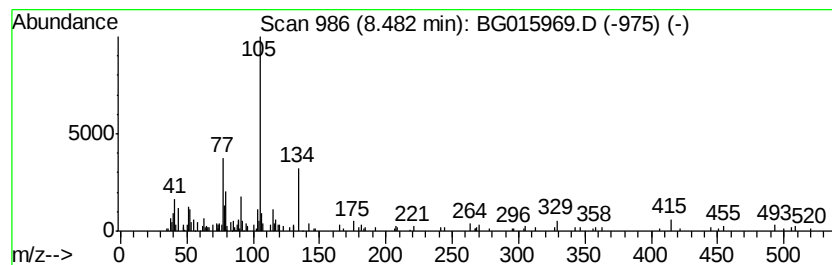
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.48 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	5.26 ng	190032	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
2		Benzoic acid, 4-isopropenylcyclo...	256	C17H20O2	1000196-48-6	35
3		Cyclobutabenzene-1-one dimethylt...	278	C14H14O6	1000161-25-0	35
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
5		2-Tolyloxirane	134	C9H10O	002783-26-8	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015969.D
Acq On : 28 Jan 2015 5:29
Operator : TP/IZ
Sample : G1139-12
Misc :
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Instrument :
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ClientSampleId :
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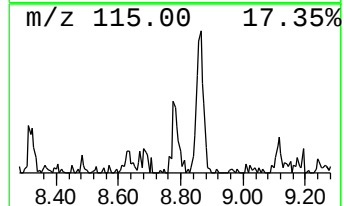
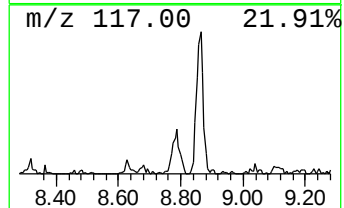
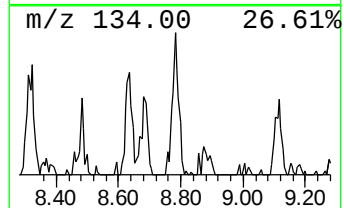
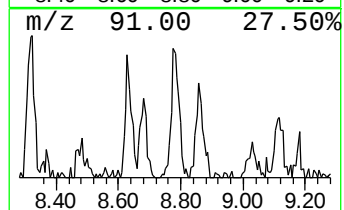
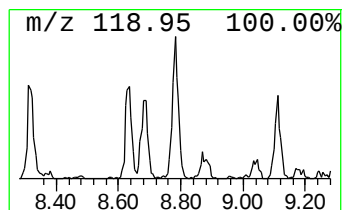
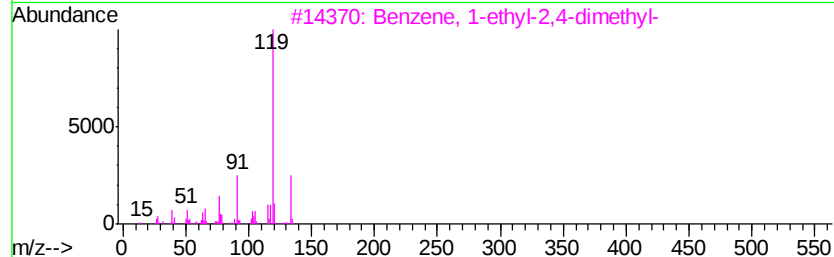
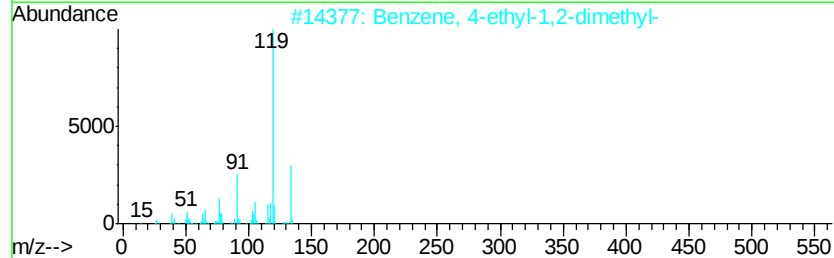
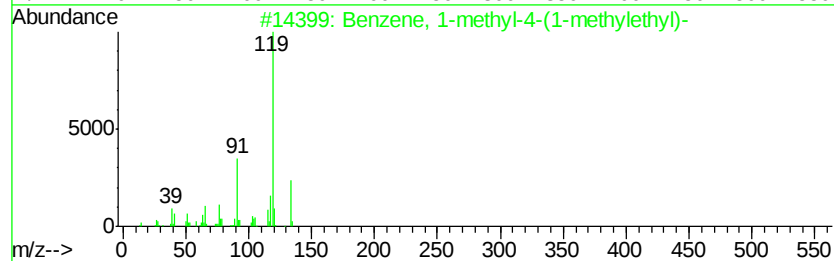
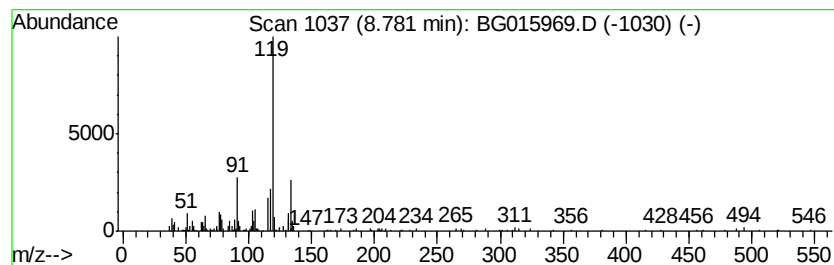
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-methyl-4-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	5.85 ng	211389	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	74
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	68
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	68
5		1,3,8-p-Menthatriene	134	C10H14	021195-59-5	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015969.D
Acq On : 28 Jan 2015 5:29
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Sample : G1139-12
Misc :
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Instrument :
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ClientSampleId :
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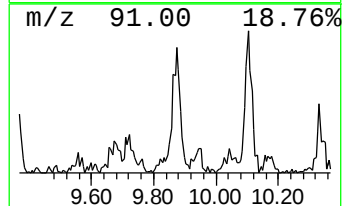
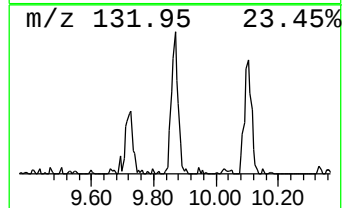
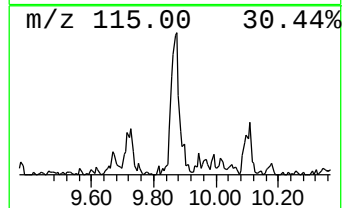
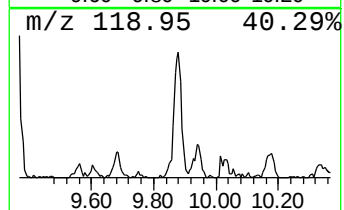
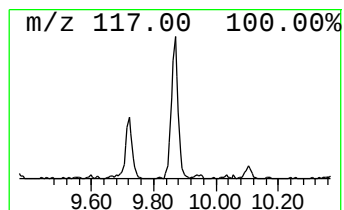
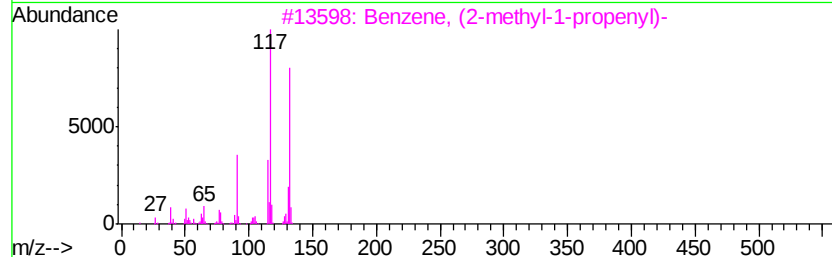
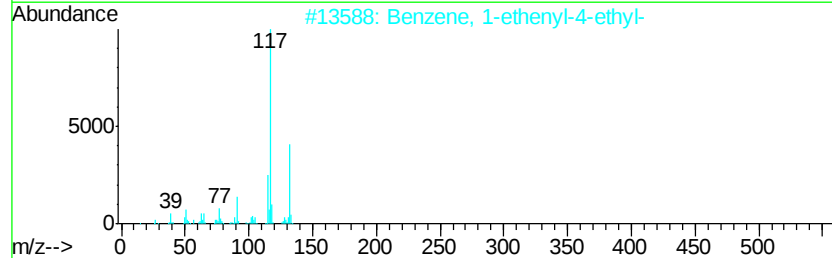
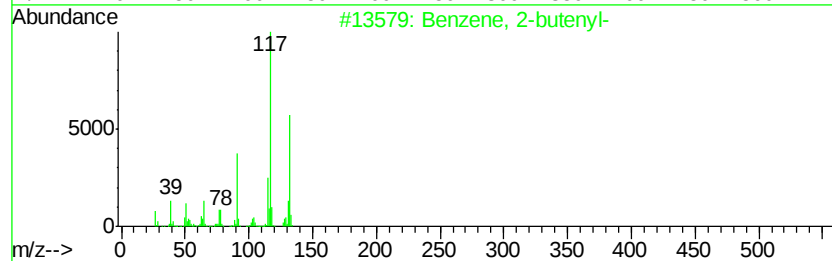
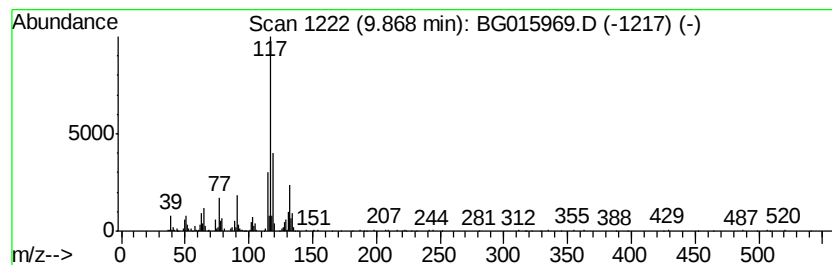
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	11.41 ng	568721	Naphthalene-d8	10.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	58
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	58
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	52
4		Indan, 1-methyl-	132	C10H12	000767-58-8	49
5		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015969.D
Acq On : 28 Jan 2015 5:29
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ClientSampleId :
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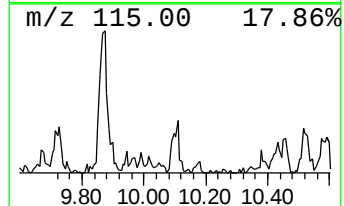
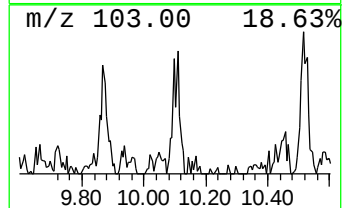
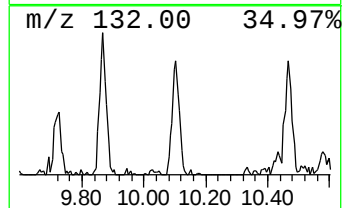
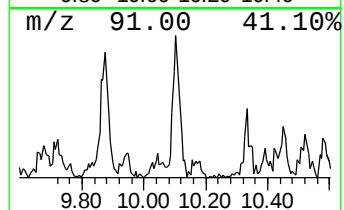
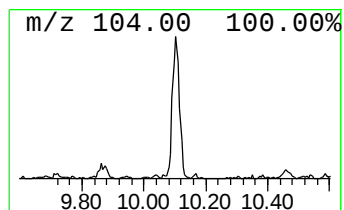
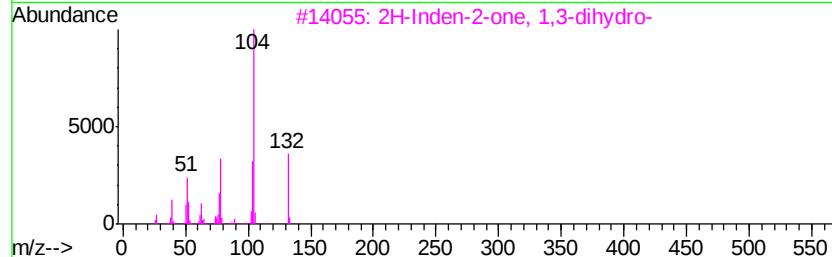
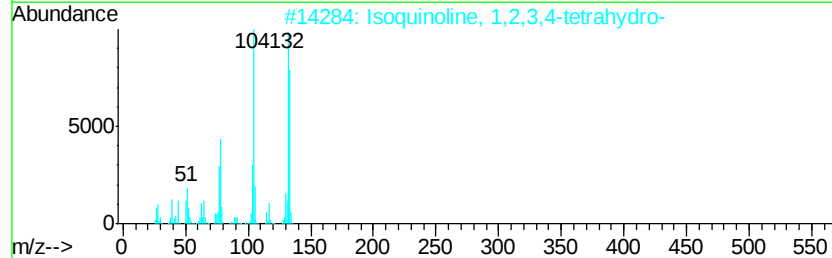
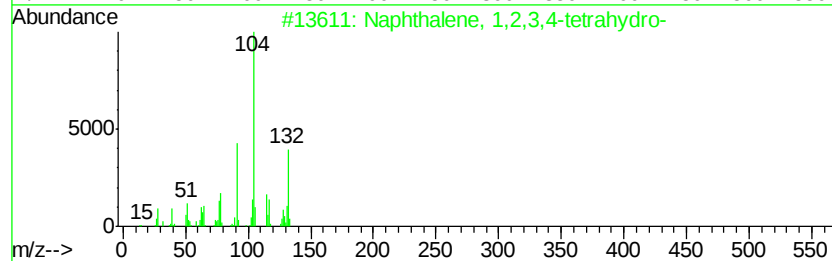
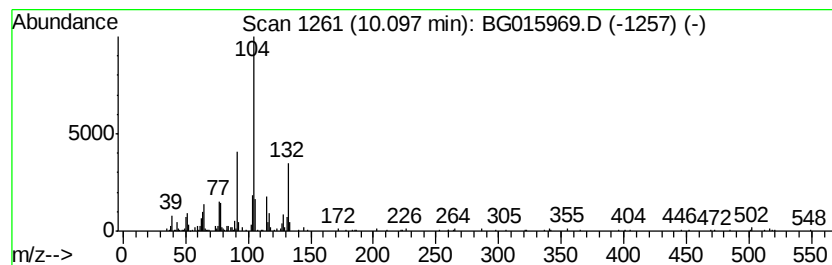
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	5.67 ng	282890	Naphthalene-d8	10.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	87
2			Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	72
3			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	64
4			Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	029422-13-7	50
5			2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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Acq On : 28 Jan 2015 5:29
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ALS Vial : 50 Sample Multiplier: 1

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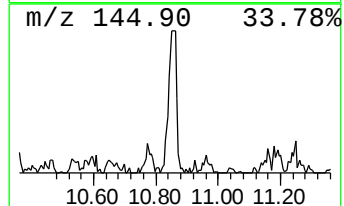
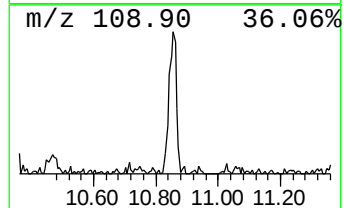
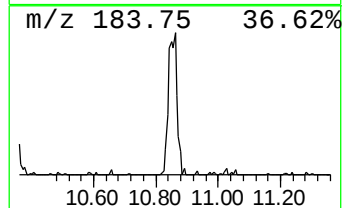
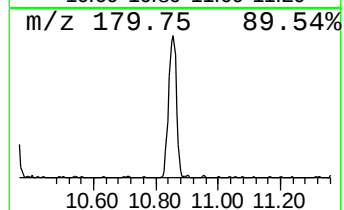
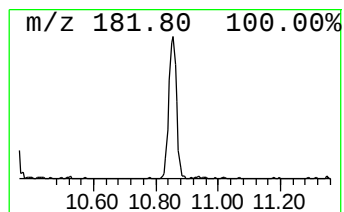
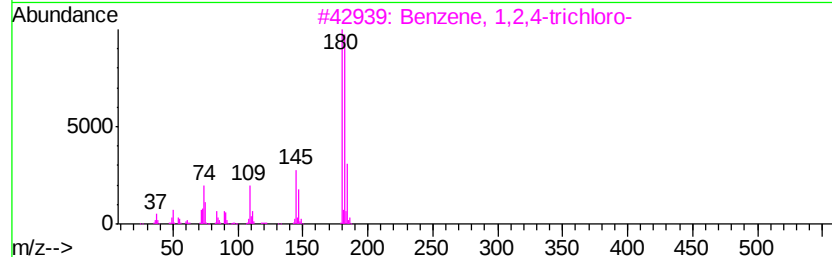
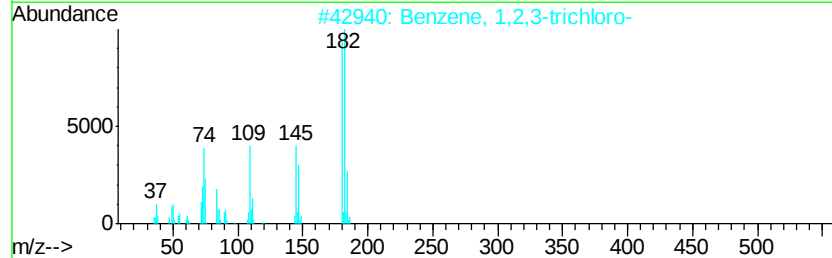
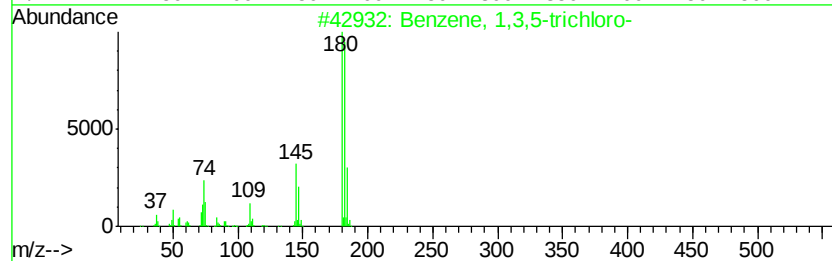
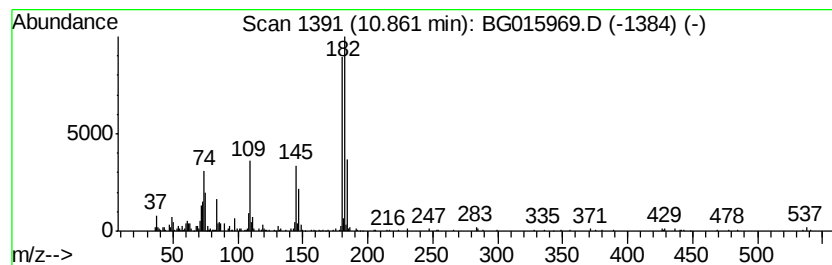
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	13.83 ng	689575	Naphthalene-d8	10.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	94
2		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	87
3		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	76
4		Benzene, (bromoethynyl)-	180	C8H5Br	000932-87-6	37
5		9H-1,2,4-Triazolo[4,3-b]1,2,4-tr...	180	C6H8N6O	1000258-57-7	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015969.D
Acq On : 28 Jan 2015 5:29
Operator : TP/IZ
Sample : G1139-12
Misc :
ALS Vial : 50 Sample Multiplier: 1

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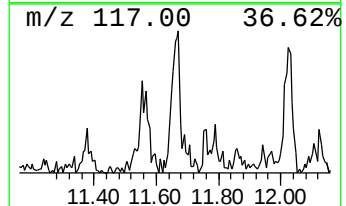
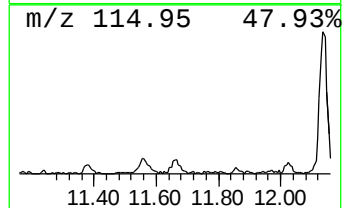
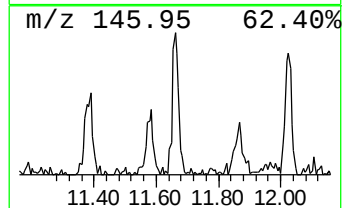
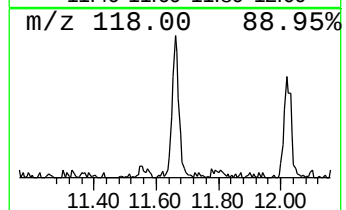
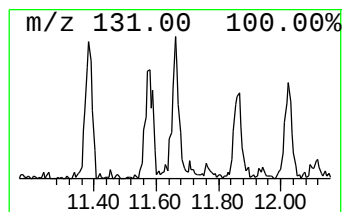
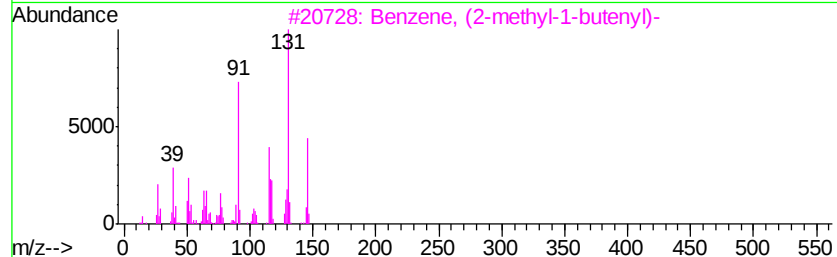
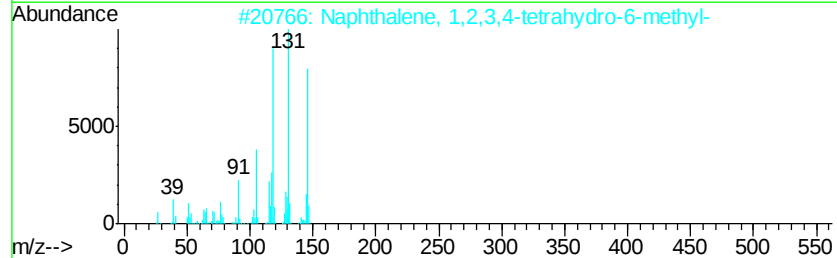
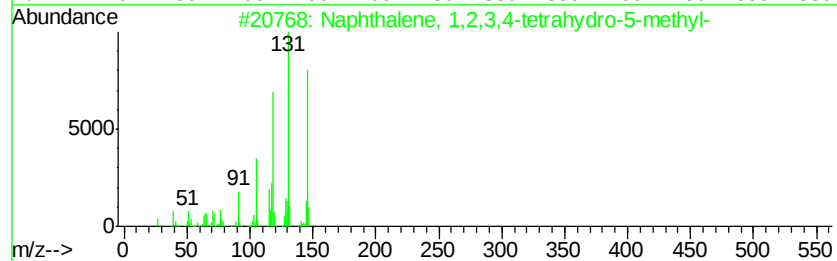
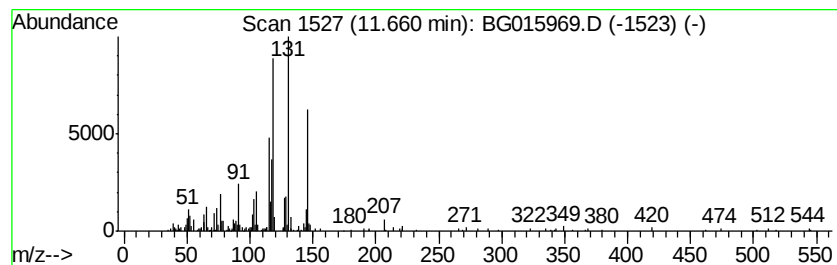
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	5.21 ng	259752	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	87
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	83
3		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	52
4		2(1H)-Quinoxalinone	146	C8H6N2O	001196-57-2	41
5		1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015969.D
Acq On : 28 Jan 2015 5:29
Operator : TP/IZ
Sample : G1139-12
Misc :
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ClientSampleId :
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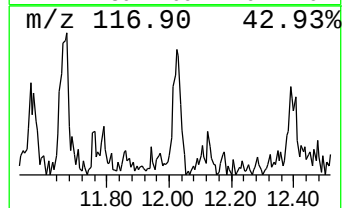
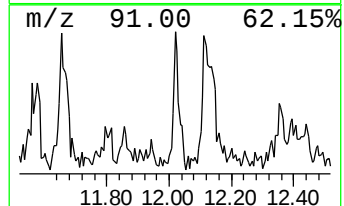
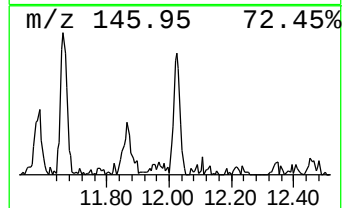
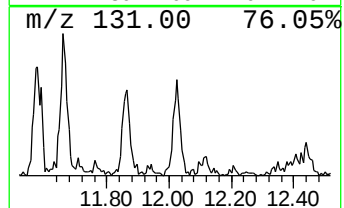
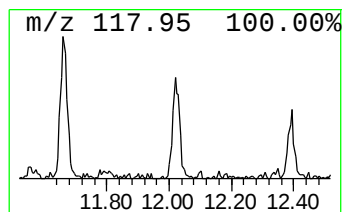
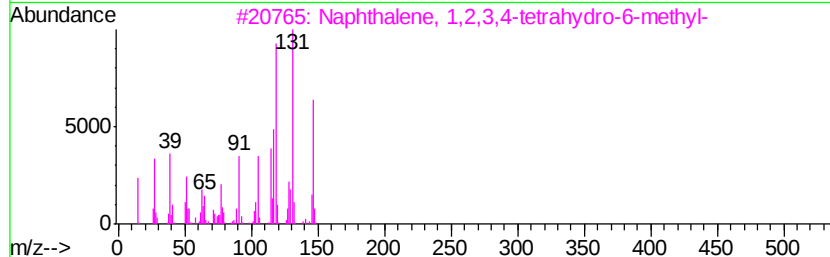
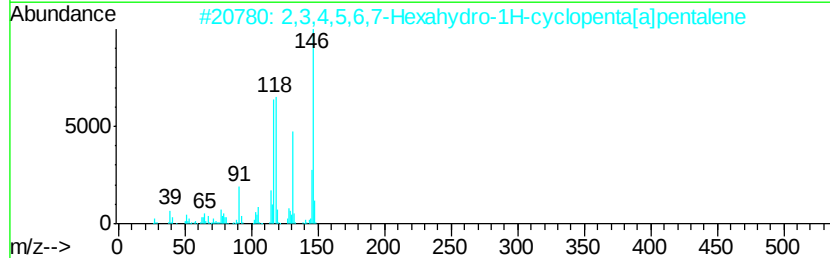
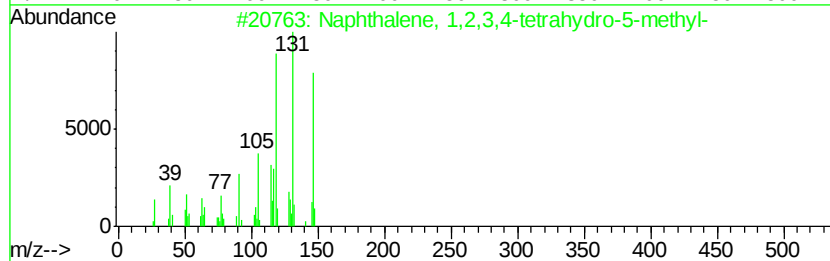
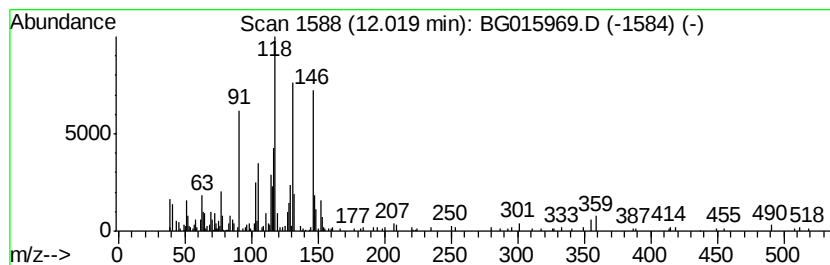
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2,3,4,5,6,7-Hexahydro-1H-cy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.46 ng	272209	Naphthalene-d8	10.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	87
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
4			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	53
5			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015969.D
Acq On : 28 Jan 2015 5:29
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Misc :
ALS Vial : 50 Sample Multiplier: 1

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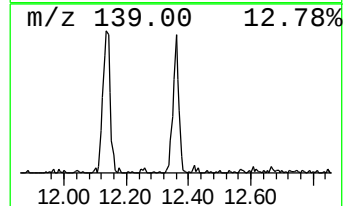
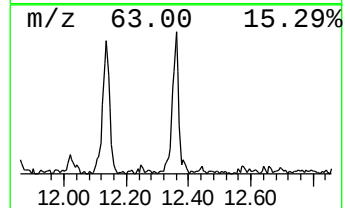
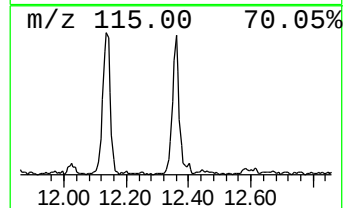
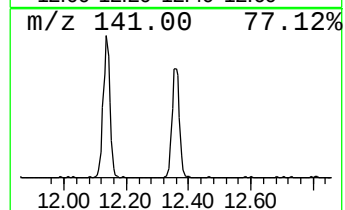
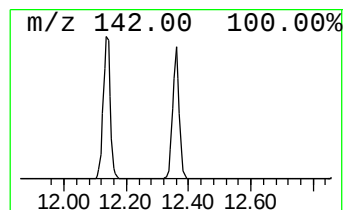
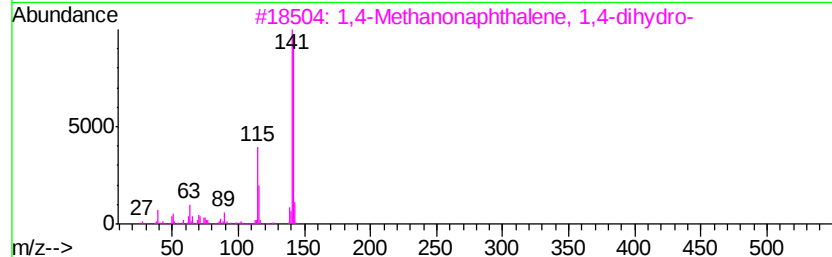
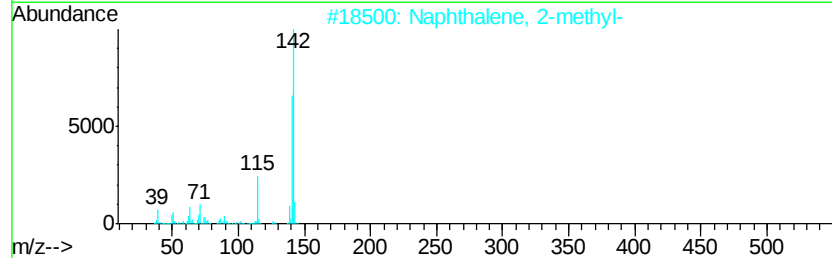
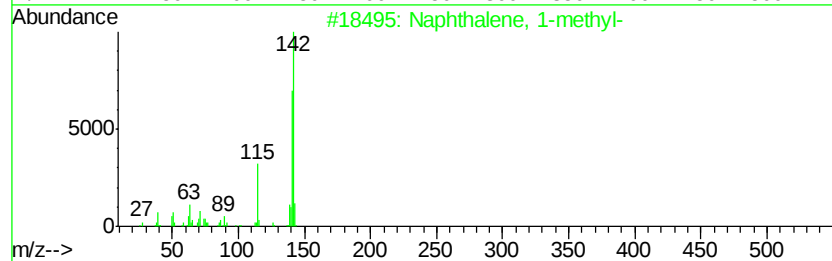
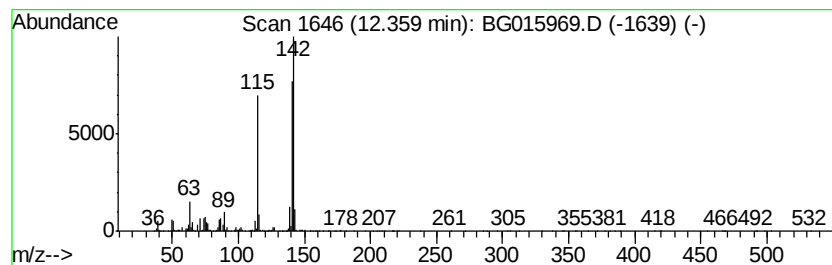
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	23.37 ng	1165090	Naphthalene-d8	10.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	80
5		Naphthalene, 1-(2-hydroxypropyl)	186	C13H14O	027653-13-0	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015969.D
Acq On : 28 Jan 2015 5:29
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Misc :
ALS Vial : 50 Sample Multiplier: 1

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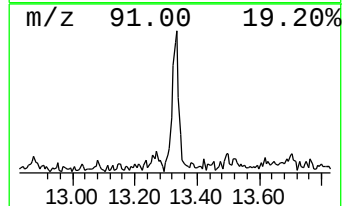
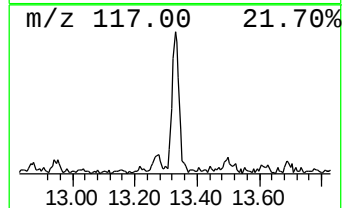
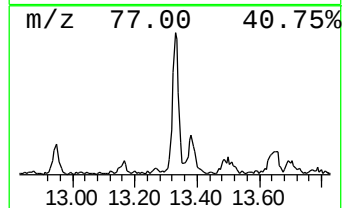
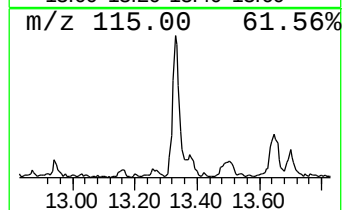
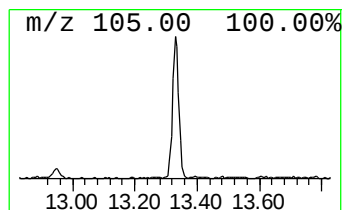
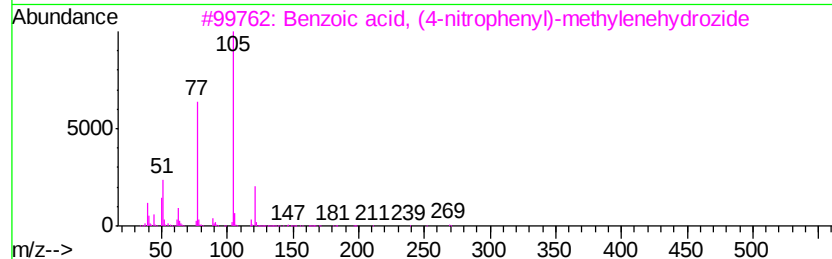
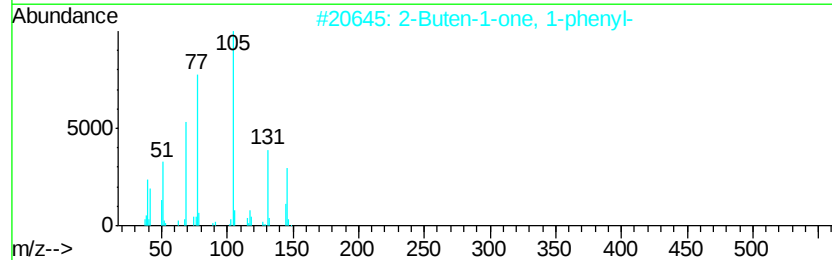
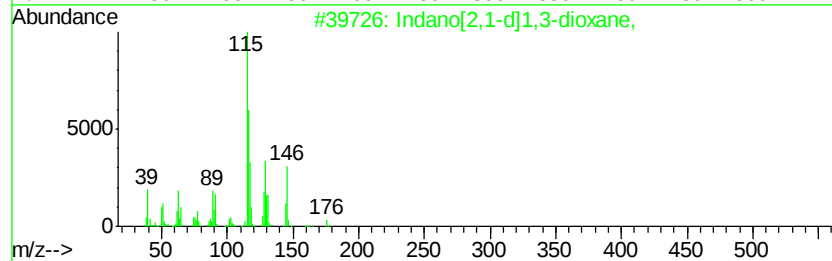
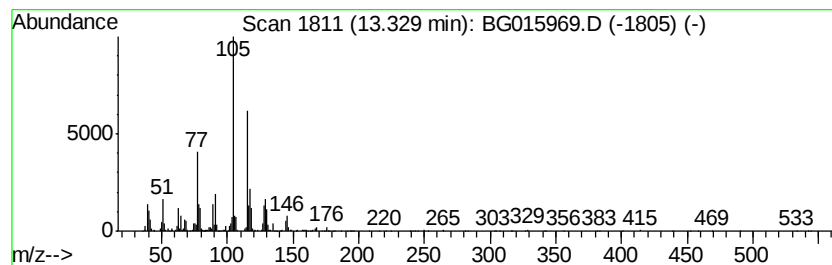
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown13.33 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	17.16 ng	1530270	Acenaphthene-d10	14.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indano[2,1-d]1,3-dioxane,	176	C11H12O2	102688-70-0	46
2		2-Buten-1-one, 1-phenyl-	146	C10H10O	000495-41-0	25
3		Benzoic acid, (4-nitrophenyl)-me...	269	C14H11N3O3	028123-77-5	22
4		Tetracyclo[2.2.1.0(2,6).0(3,5)]h...	116	C9H8	081787-74-8	22
5		Cyclopropyl phenyl ketone	146	C10H10O	003481-02-5	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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Acq On : 28 Jan 2015 5:29
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Sample : G1139-12
Misc :
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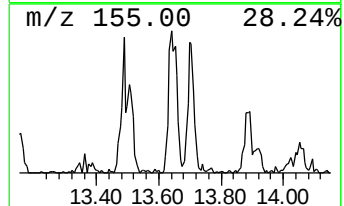
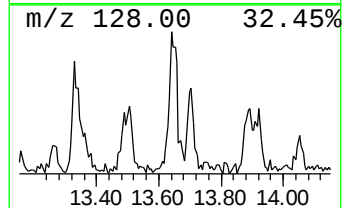
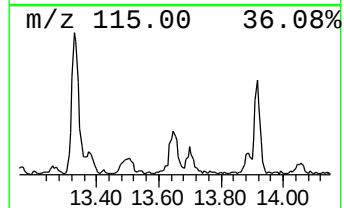
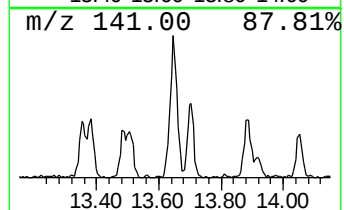
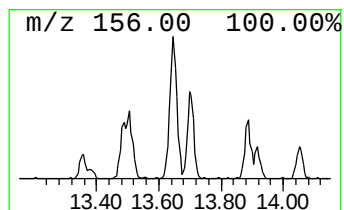
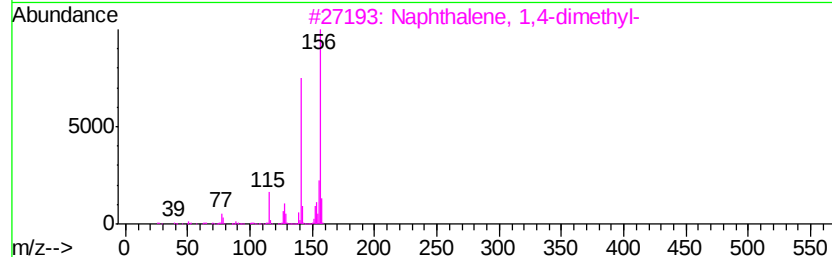
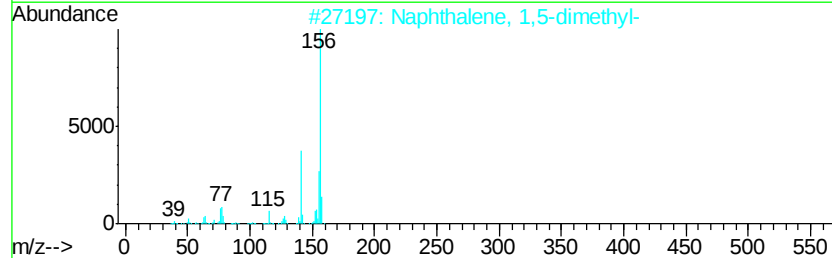
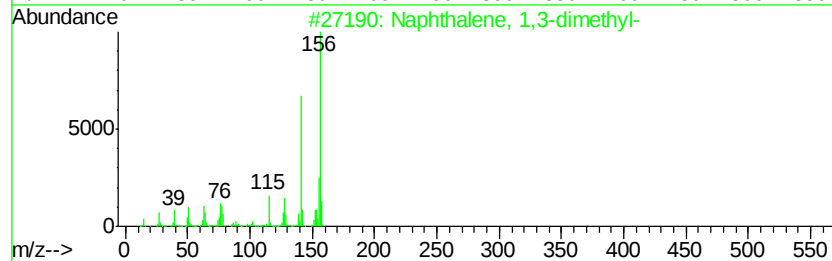
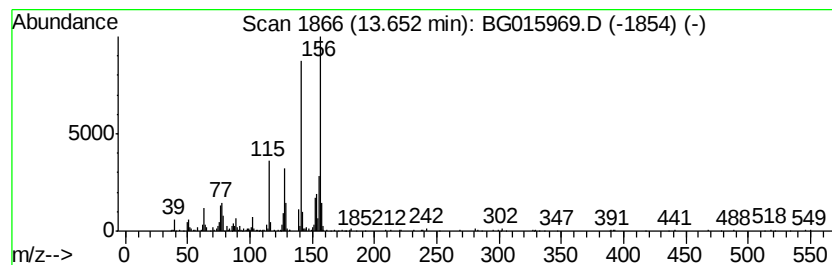
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.65	10.53 ng	939316	Acenaphthene-d10		14.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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Acq On : 28 Jan 2015 5:29
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Misc :
ALS Vial : 50 Sample Multiplier: 1

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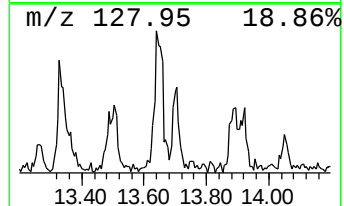
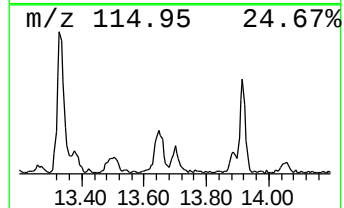
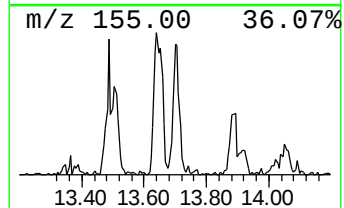
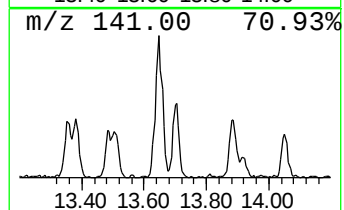
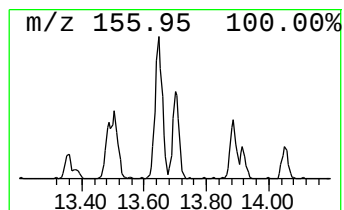
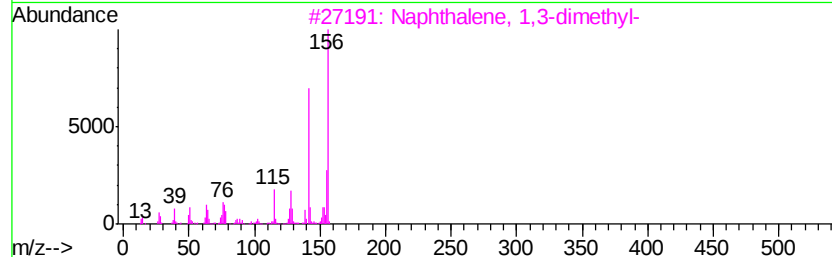
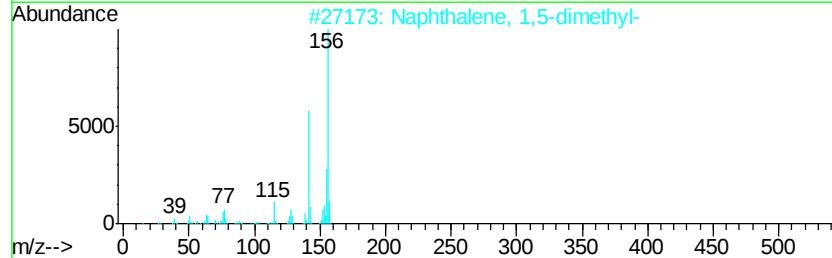
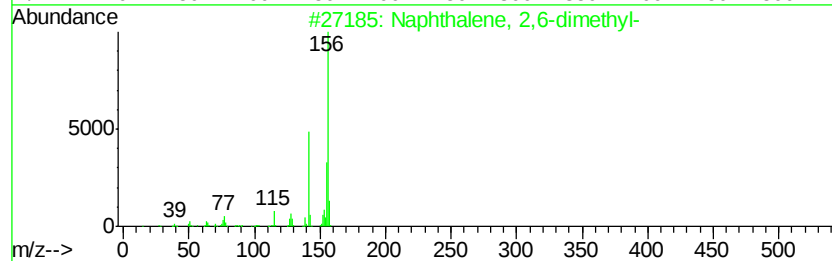
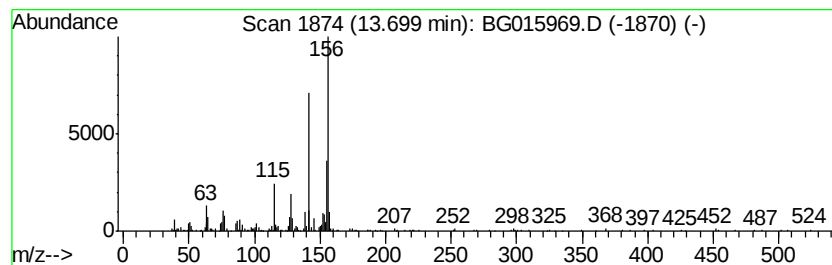
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	4.90 ng	437171	Acenaphthene-d10	14.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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Misc :
ALS Vial : 50 Sample Multiplier: 1

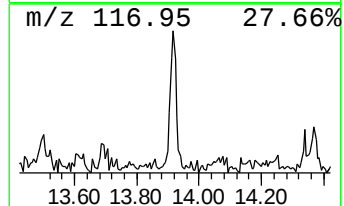
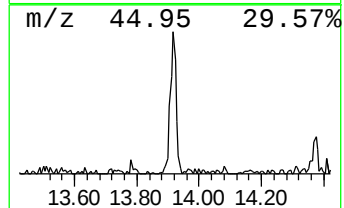
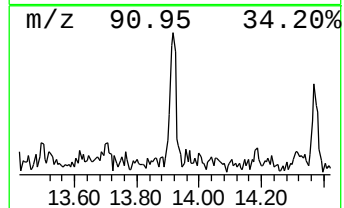
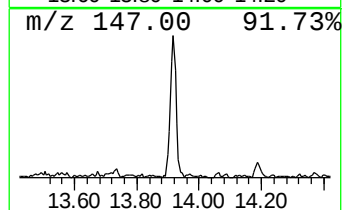
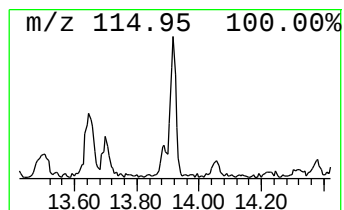
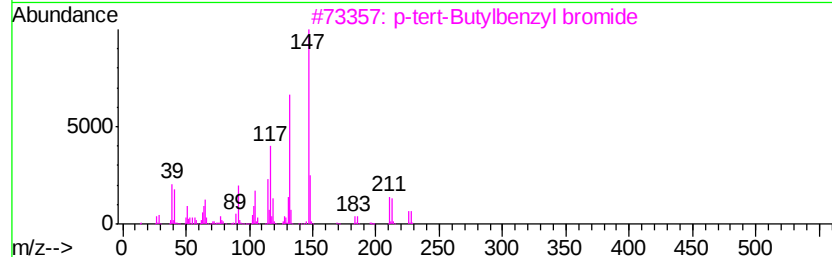
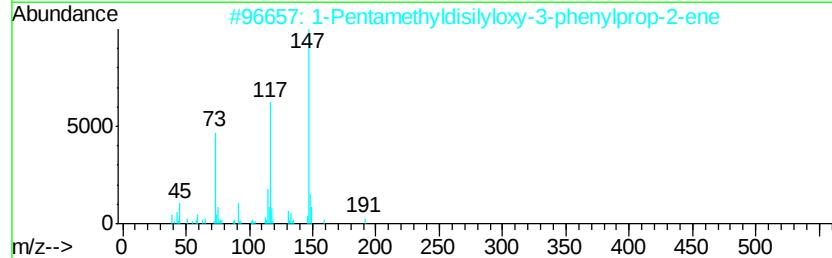
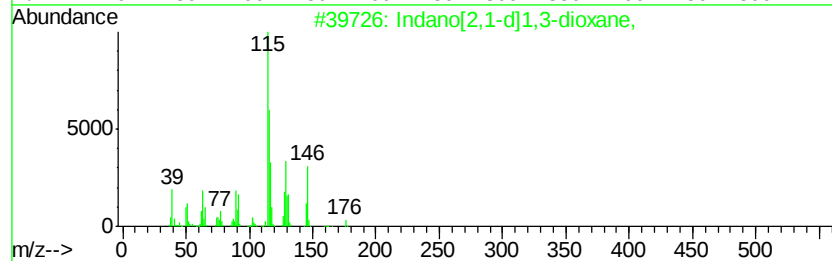
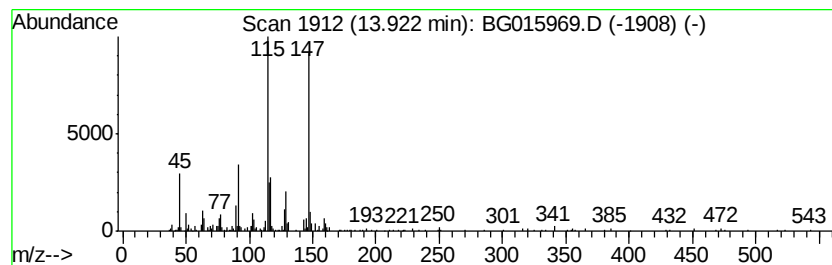
Instrument :
BNA_G
ClientSampleId :
121B4

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 unknown13.92 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.92	5.83 ng	520103	Acenaphthene-d10	14.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indano[2,1-d]1,3-dioxane,	176	C11H12O2	102688-70-0	38
2	1-Pentamethyldisilyloxy-3-phenyl...	264	C14H24OSi2	1000216-94-9	32
3	p-tert-Butylbenzyl bromide	226	C11H15Br	018880-00-7	32
4	Benzene, 1-fluoro-3-(2-cyanoethe...	147	C9H6FN	082344-56-7	27
5	Silane, ethenylethoxydimethyl-	130	C6H14OSi	005356-83-2	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015969.D
Acq On : 28 Jan 2015 5:29
Operator : TP/IZ
Sample : G1139-12
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
121B4

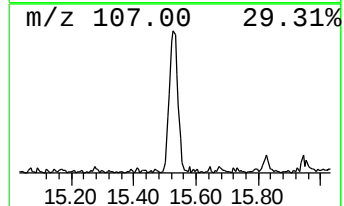
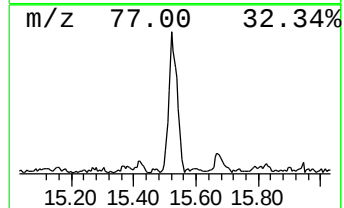
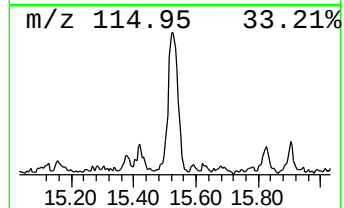
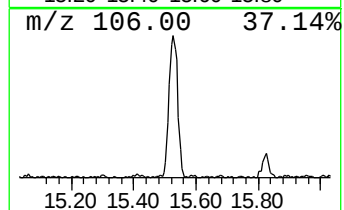
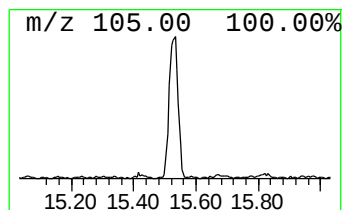
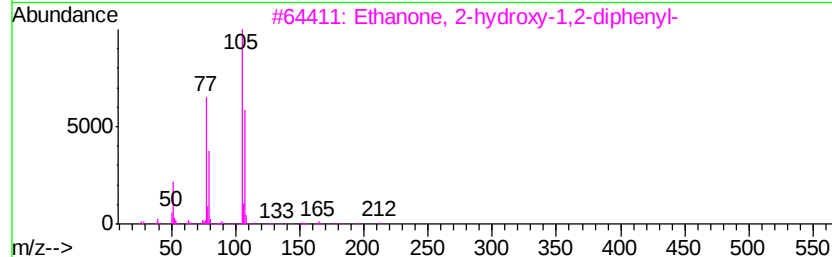
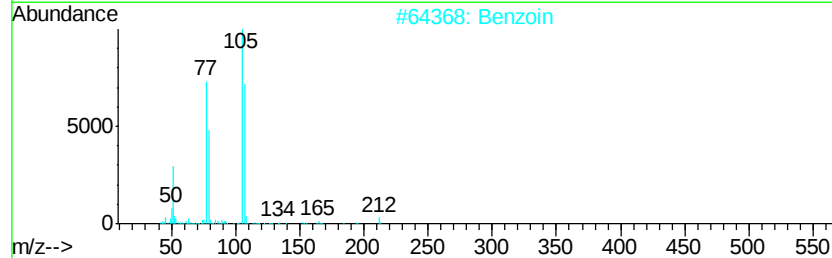
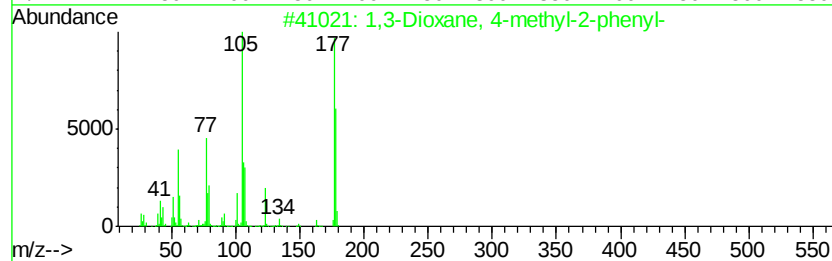
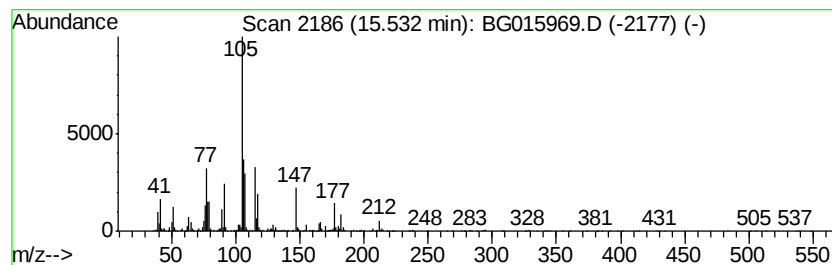
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown15.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	23.55 ng	2100380	Acenaphthene-d10	14.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dioxane, 4-methyl-2-phenyl-	178	C11H14O2	000774-44-7	38
2		Benzoin	212	C14H12O2	000579-44-2	14
3		Ethanone, 2-hydroxy-1,2-diphenyl-	212	C14H12O2	000119-53-9	14
4		3-Pyridinecarbonitrile, 1,4-dihy...	106	C6H6N2	023974-91-6	11
5		2-(Dibenzoylmethyl)-4-p-toluenes...	533	C32H23NO5S	300360-29-6	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015969.D
Acq On : 28 Jan 2015 5:29
Operator : TP/IZ
Sample : G1139-12
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
121B4

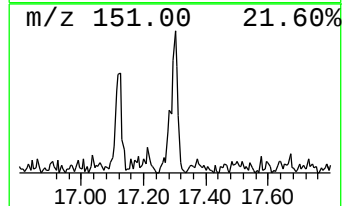
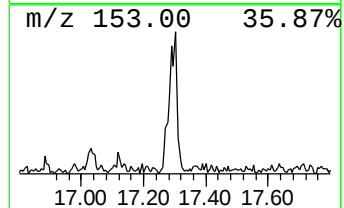
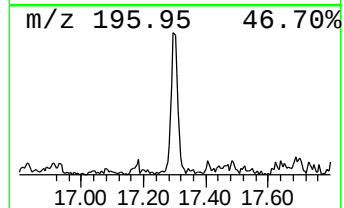
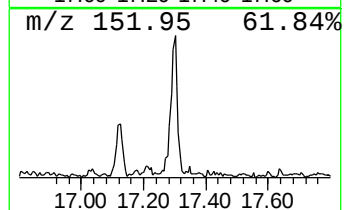
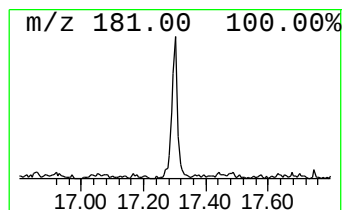
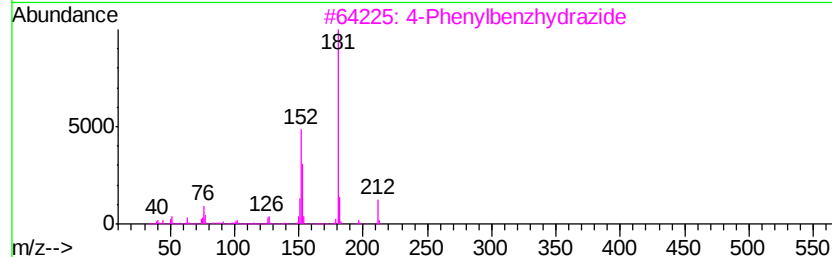
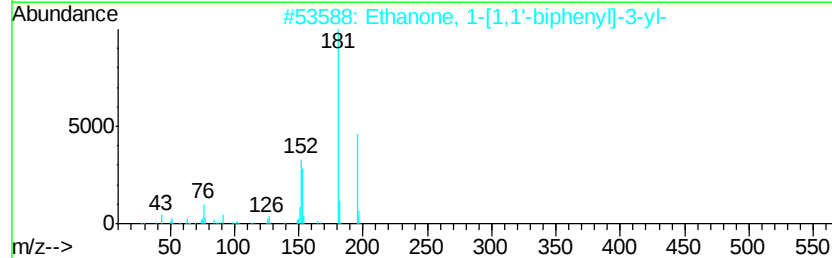
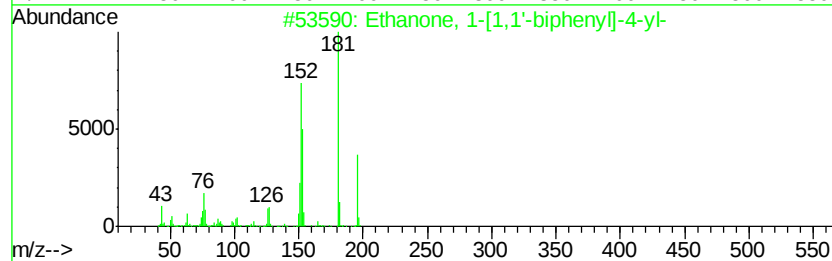
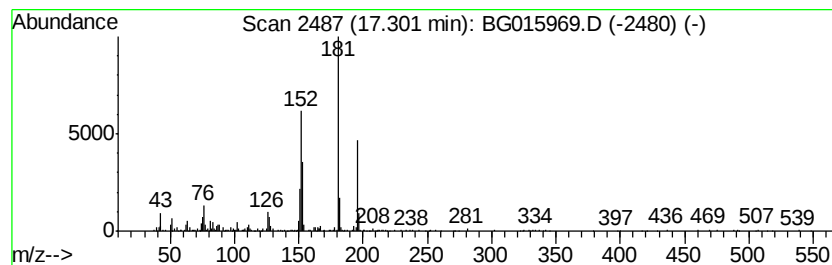
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Ethanone, 1-[1,1'-biphenyl]... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	5.65 ng	598584	Phenanthrene-d10	17.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-[1,1'-biphenyl]-4-yl-	196	C14H12O	000092-91-1	94
2			Ethanone, 1-[1,1'-biphenyl]-3-yl-	196	C14H12O	003112-01-4	81
3			4-Phenylbenzhydrazide	212	C13H12N2O	018622-23-6	59
4			9H-Fluorene-9-carboxylic acid, 9...	240	C15H12O3	001216-44-0	59
5			Ethanone, 1-(1,1'-biphenyl-4-yl)...	305	C19H15NOS	282539-03-1	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015969.D
 Acq On : 28 Jan 2015 5:29
 Operator : TP/IZ
 Sample : G1139-12
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121B4

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	20.1	ng	725004	1	7.68	722924	20.0
unknown7.08	7.08	5.0	ng	181779	1	7.68	722924	20.0
unknown7.22	7.22	68.6	ng	2478860	1	7.68	722924	20.0
Benzene, 1,2,4-tr...	7.33	13.7	ng	493443	1	7.68	722924	20.0
Benzene, 1,2,3-tr...	7.79	8.0	ng	290720	1	7.68	722924	20.0
unknown8.48	8.48	5.3	ng	190032	1	7.68	722924	20.0
Benzene, 1-methyl...	8.78	5.8	ng	211389	1	7.68	722924	20.0
Benzene, 2-butenyl-	9.87	11.4	ng	568721	2	10.47	997021	20.0
Naphthalene, 1,2,...	10.10	5.7	ng	282890	2	10.47	997021	20.0
Benzene, 1,3,5-tr...	10.86	13.8	ng	689575	2	10.47	997021	20.0
Naphthalene, 1,2,...	11.66	5.2	ng	259752	2	10.47	997021	20.0
2,3,4,5,6,7-Hexah...	12.02	5.5	ng	272209	2	10.47	997021	20.0
Naphthalene, 1-me...	12.36	23.4	ng	1165090	2	10.47	997021	20.0
unknown13.33	13.33	17.2	ng	1530270	3	14.33	1783650	20.0
Naphthalene, 1,3-...	13.65	10.5	ng	939316	3	14.33	1783650	20.0
Naphthalene, 2,6-...	13.70	4.9	ng	437171	3	14.33	1783650	20.0
unknown13.92	13.92	5.8	ng	520103	3	14.33	1783650	20.0
unknown15.53	15.53	23.6	ng	2100380	3	14.33	1783650	20.0
Ethanone, 1-[1,1'...	17.30	5.7	ng	598584	4	17.08	2118950	20.0