

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
 Data File : BG017478.D
 Acq On : 5 Jun 2015 17:33
 Operator : TP/IZ
 Sample : G2501-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6-6-2-15

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-BG060315.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	2.766	8	13	20	rBV	238416	315057	17.44%	0.834%
2	4.981	384	390	395	rBV4	29478	43923	2.43%	0.116%
3	5.116	406	413	422	rBV	39586	62086	3.44%	0.164%
4	5.228	426	432	445	rBV2	164593	336646	18.63%	0.892%
5	5.621	495	499	507	rVB	38456	58572	3.24%	0.155%
6	6.708	679	684	690	rVB	46606	67588	3.74%	0.179%
7	6.849	701	708	718	rBV2	119723	212011	11.73%	0.562%
8	7.008	729	735	741	rVB	34271	52684	2.92%	0.140%
9	7.173	756	763	769	rBV	341154	553536	30.64%	1.466%
10	7.267	774	779	787	rVB	123256	191147	10.58%	0.506%
11	7.414	797	804	809	rBV2	35044	59785	3.31%	0.158%
12	7.625	833	840	846	rBV	79298	142695	7.90%	0.378%
13	7.696	846	852	855	rVV	123692	177476	9.82%	0.470%
14	7.737	855	859	870	rVB2	68953	123178	6.82%	0.326%
15	7.942	886	894	900	rBV2	323743	602189	33.33%	1.595%
16	7.995	900	903	909	rVB	28365	40475	2.24%	0.107%
17	8.730	1024	1028	1032	rVV3	28444	43047	2.38%	0.114%
18	8.788	1032	1038	1047	rVB	258955	435292	24.09%	1.153%
19	9.822	1207	1214	1221	rBV5	53382	92490	5.12%	0.245%
20	10.416	1310	1315	1322	rVB	98771	175499	9.71%	0.465%
21	10.974	1404	1410	1417	rBV8	17774	41411	2.29%	0.110%
22	11.397	1476	1482	1488	rBV3	27968	53738	2.97%	0.142%
23	11.491	1488	1498	1510	rVV2	82990	231691	12.82%	0.614%
24	11.620	1512	1520	1524	rBV	691367	1127202	62.39%	2.986%
25	11.673	1524	1529	1530	rVV	656658	991618	54.88%	2.626%
26	11.697	1530	1533	1536	rVV	727464	1013757	56.11%	2.685%
27	11.738	1536	1540	1546	rVB	469744	685591	37.95%	1.816%
28	11.914	1558	1570	1575	rBV	597859	1230545	68.11%	3.259%
29	11.967	1575	1579	1589	rVB	450514	705054	39.02%	1.867%
30	12.096	1596	1601	1605	rBV	35461	55981	3.10%	0.148%
31	12.149	1605	1610	1616	rVB2	62252	100529	5.56%	0.266%
32	12.320	1633	1639	1643	rBV2	25650	46493	2.57%	0.123%
33	12.461	1656	1663	1672	rVB2	52733	97415	5.39%	0.258%
34	12.907	1733	1739	1747	rVB	666628	969297	53.65%	2.567%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
 Data File : BG017478.D
 Acq On : 5 Jun 2015 17:33
 Operator : TP/IZ
 Sample : G2501-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6-6-2-15

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-BG060315.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.101	1765	1772	1777	rBV3	71074	141276	7.82%	0.374%
36	13.148	1777	1780	1786	rVB2	38991	56784	3.14%	0.150%
37	13.395	1816	1822	1825	rBV2	45150	73745	4.08%	0.195%
38	13.448	1828	1831	1839	rVV8	35090	74068	4.10%	0.196%
39	13.559	1842	1850	1853	rVV4	35884	66073	3.66%	0.175%
40	13.600	1853	1857	1865	rVV2	56410	115085	6.37%	0.305%
41	13.753	1878	1883	1889	rVV6	30829	60223	3.33%	0.160%
42	13.824	1889	1895	1906	rVV5	32091	94319	5.22%	0.250%
43	13.959	1906	1918	1924	rVV5	38005	112342	6.22%	0.298%
44	14.012	1924	1927	1939	rVB2	55406	111169	6.15%	0.294%
45	14.294	1967	1975	1980	rVV3	186207	333293	18.45%	0.883%
46	14.347	1980	1984	1989	rVB7	30589	52864	2.93%	0.140%
47	14.558	2016	2020	2025	rVB	39641	55855	3.09%	0.148%
48	14.752	2050	2053	2059	rVV	74615	106335	5.89%	0.282%
49	14.828	2061	2066	2069	rVV4	28471	52677	2.92%	0.140%
50	14.911	2077	2080	2088	rVV10	16499	36346	2.01%	0.096%
51	15.257	2135	2139	2151	rVB6	49941	119180	6.60%	0.316%
52	15.369	2153	2158	2166	rVB8	22428	58957	3.26%	0.156%
53	15.481	2171	2177	2183	rVB7	37390	64811	3.59%	0.172%
54	15.751	2219	2223	2226	rVV	105553	144703	8.01%	0.383%
55	15.792	2226	2230	2236	rVV2	650685	957607	53.00%	2.536%
56	15.868	2239	2243	2248	rVV5	43002	74905	4.15%	0.198%
57	16.056	2267	2275	2279	rBV	123536	188284	10.42%	0.499%
58	16.144	2285	2290	2294	rBV	696787	876538	48.51%	2.322%
59	16.203	2294	2300	2306	rVB2	515290	1050517	58.14%	2.782%
60	16.262	2306	2310	2314	rBV2	549332	746192	41.30%	1.976%
61	16.309	2314	2318	2323	rVB	319340	393439	21.78%	1.042%
62	16.385	2323	2331	2334	rBV	297729	465288	25.75%	1.232%
63	16.462	2339	2344	2351	rVV4	377330	670648	37.12%	1.776%
64	16.532	2351	2356	2360	rVV	731158	971038	53.74%	2.572%
65	16.567	2360	2362	2365	rVV2	135631	174289	9.65%	0.462%
66	16.603	2365	2368	2374	rVV2	275508	363629	20.13%	0.963%
67	17.049	2439	2444	2449	rVB	230070	325102	17.99%	0.861%
68	17.249	2475	2478	2485	rVB4	22620	35591	1.97%	0.094%
69	17.748	2555	2563	2568	rBV	81665	152635	8.45%	0.404%
70	17.801	2568	2572	2576	rVB6	20173	35789	1.98%	0.095%
71	17.978	2595	2602	2607	rBV	473938	702129	38.86%	1.860%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
 Data File : BG017478.D
 Acq On : 5 Jun 2015 17:33
 Operator : TP/IZ
 Sample : G2501-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6-6-2-15

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-BG060315.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.072	2612	2618	2622	rVV	852751	1253292	69.37%	3.320%
73	18.119	2622	2626	2630	rVV2	1011751	1806751	100.00%	4.786%
74	18.154	2630	2632	2635	rVV	759750	946072	52.36%	2.506%
75	18.207	2635	2641	2646	rVV2	808086	1618929	89.60%	4.288%
76	18.254	2646	2649	2651	rVV	186235	248915	13.78%	0.659%
77	18.295	2651	2656	2659	rVV2	797772	1299231	71.91%	3.441%
78	18.330	2659	2662	2666	rVV2	1045151	1363208	75.45%	3.611%
79	18.371	2666	2669	2673	rVV	553504	709196	39.25%	1.878%
80	18.418	2673	2677	2684	rVV2	1079774	1776235	98.31%	4.705%
81	18.489	2685	2689	2700	rVB	657546	944316	52.27%	2.501%
82	18.647	2712	2716	2724	rBV4	94587	201108	11.13%	0.533%
83	18.859	2747	2752	2755	rBV7	32538	48633	2.69%	0.129%
84	18.982	2769	2773	2777	rVB3	55551	71810	3.97%	0.190%
85	19.094	2788	2792	2794	rVV5	38018	55278	3.06%	0.146%
86	19.159	2798	2803	2808	rVB3	158268	264616	14.65%	0.701%
87	19.211	2808	2812	2814	rBV4	58401	77257	4.28%	0.205%
88	19.241	2815	2817	2822	rVB4	56191	73848	4.09%	0.196%
89	19.687	2888	2893	2898	rBV	1456359	1761585	97.50%	4.666%
90	19.828	2911	2917	2922	rBV3	80047	178685	9.89%	0.473%
91	19.887	2924	2927	2931	rVB2	57864	73082	4.04%	0.194%
92	19.928	2931	2934	2939	rVB3	46649	58911	3.26%	0.156%
93	19.981	2939	2943	2945	rBV	61531	86737	4.80%	0.230%
94	20.016	2946	2949	2952	rVB3	52370	59457	3.29%	0.157%
95	20.087	2958	2961	2968	rVB	92884	121031	6.70%	0.321%
96	20.151	2969	2972	2980	rBV3	26459	47099	2.61%	0.125%
97	20.939	3101	3106	3118	rBV2	295674	460075	25.46%	1.219%
98	21.197	3147	3150	3153	rBV3	34262	40916	2.26%	0.108%
99	21.244	3153	3158	3164	rVB	352134	450997	24.96%	1.195%
100	23.477	3532	3538	3547	rVB2	213227	407955	22.58%	1.081%

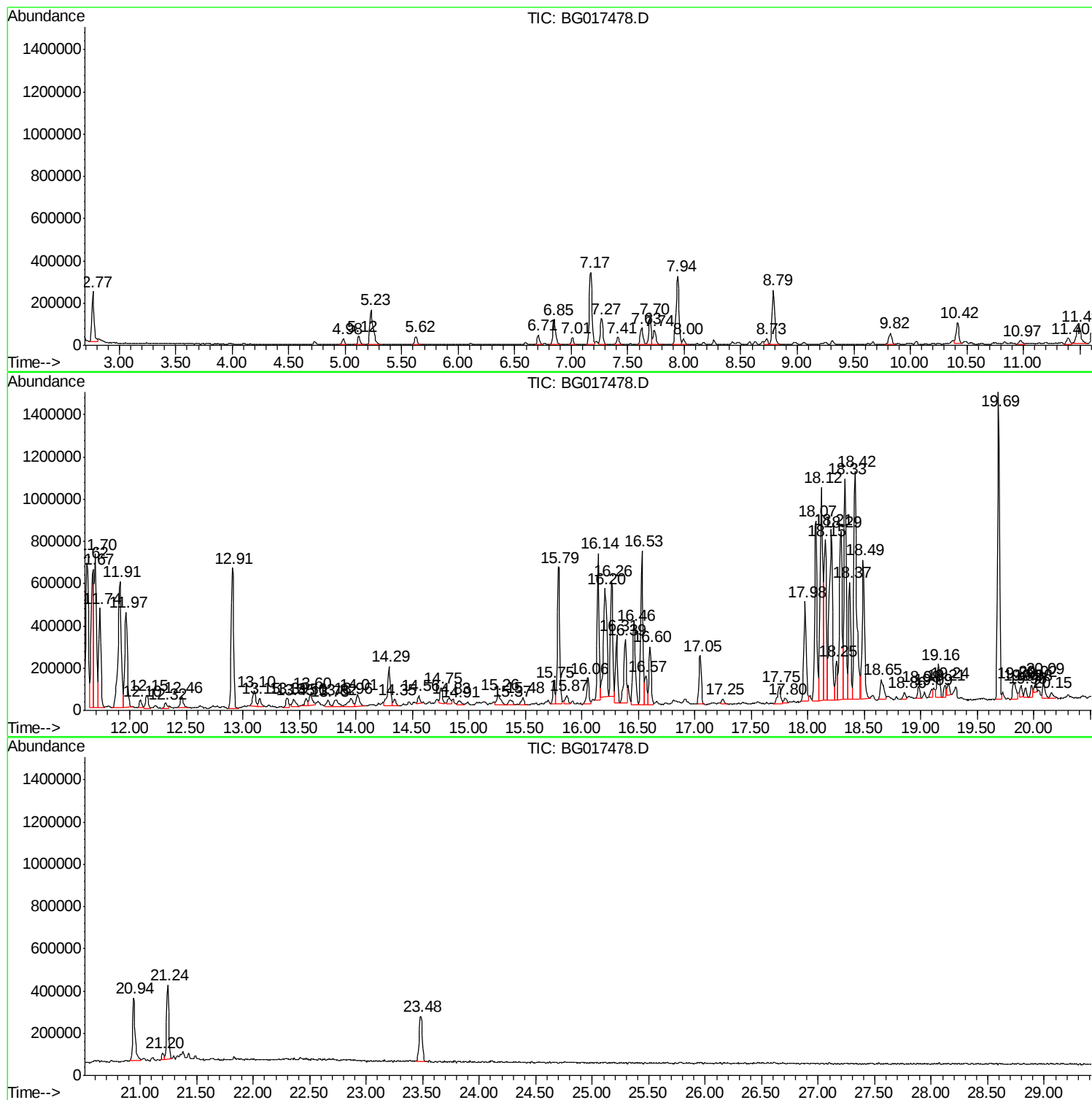
Sum of corrected areas: 37754648

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

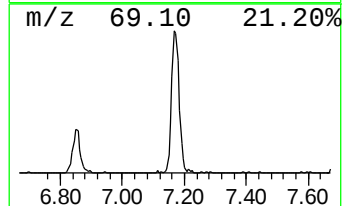
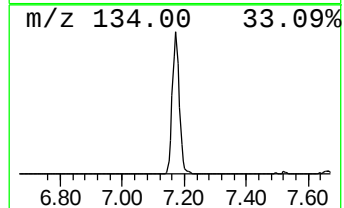
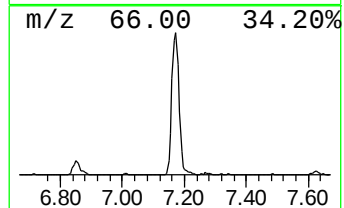
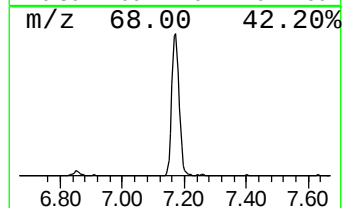
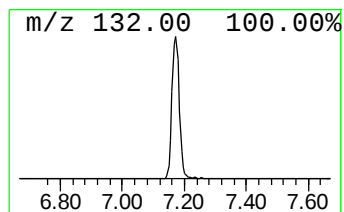
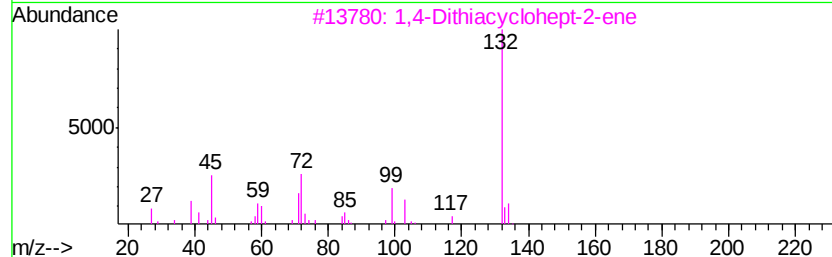
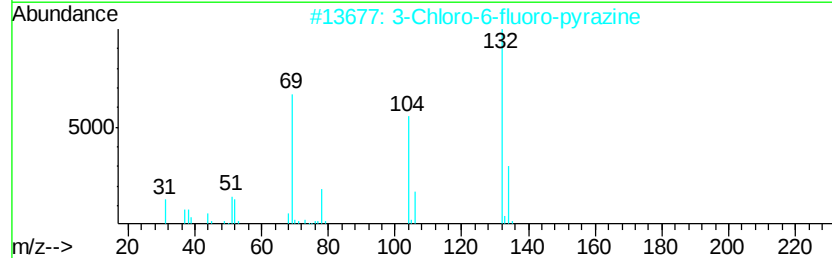
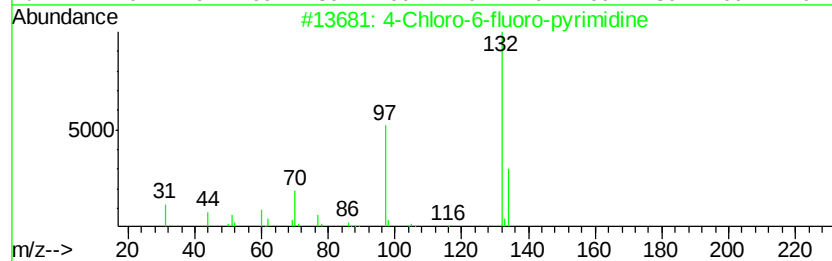
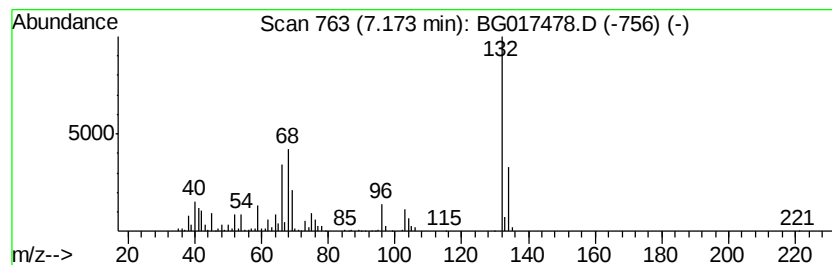
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.17 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	77.58 ng	553536	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1,4-Dithiacyclohept-2-ene	132	C5H8S2	070063-50-2	27
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	20
5		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	16



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

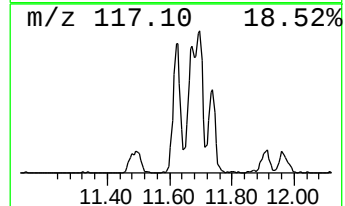
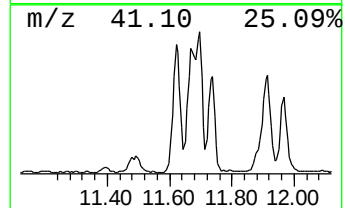
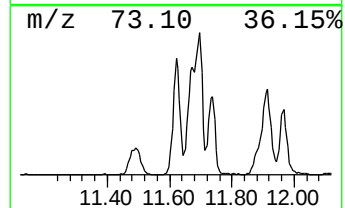
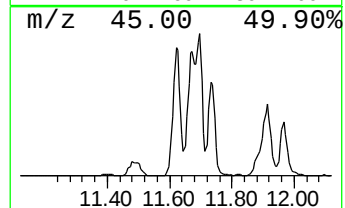
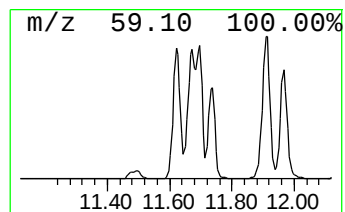
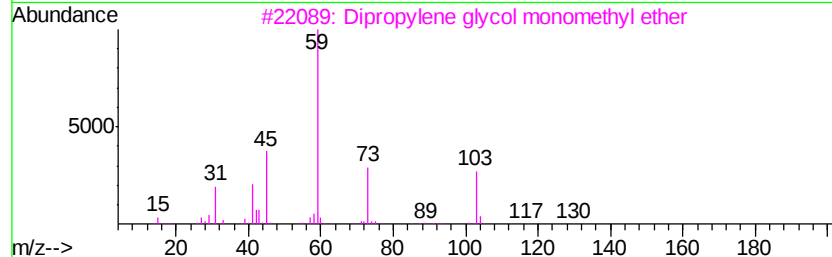
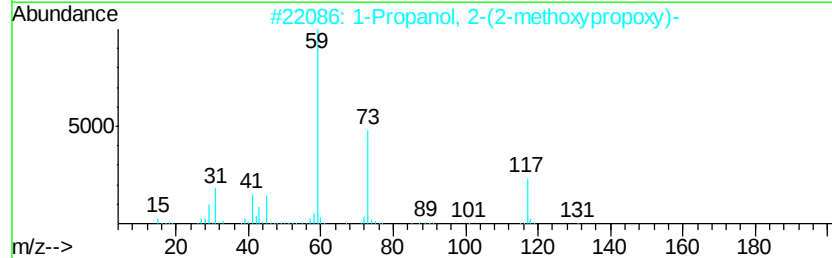
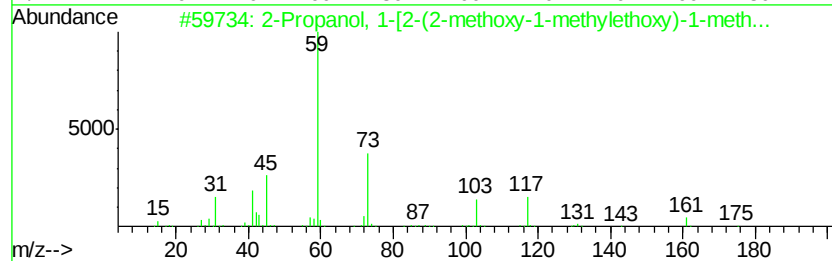
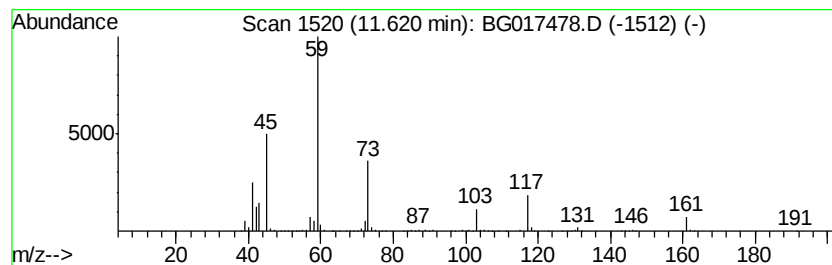
Instrument :
BNA_G
ClientSampleID :
MW-6-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Propanol, 1-[2-(2-methoxy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	128.46 ng	1127200	Napthalene-d8	10.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206 C10H22O4	020324-33-8	80
2	1-Propanol, 2-(2-methoxypropoxy)-	148 C7H16O3	013588-28-8	53
3	Dipropylene glycol monomethyl ether	148 C7H16O3	034590-94-8	50
4	Ethane, 1,2-diethoxy-	118 C6H14O2	000629-14-1	50
5	N,N-Dimethylformamide-di-t-butyl...	203 C11H25NO2	036805-97-7	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

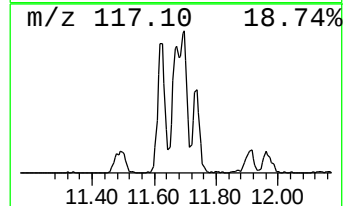
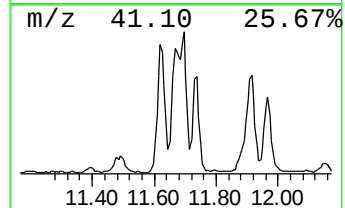
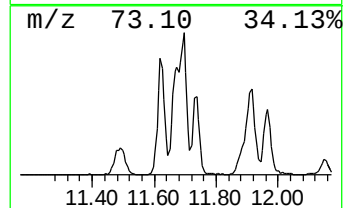
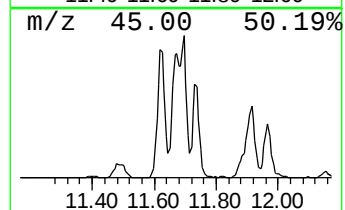
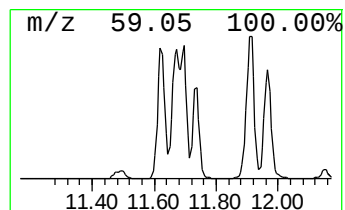
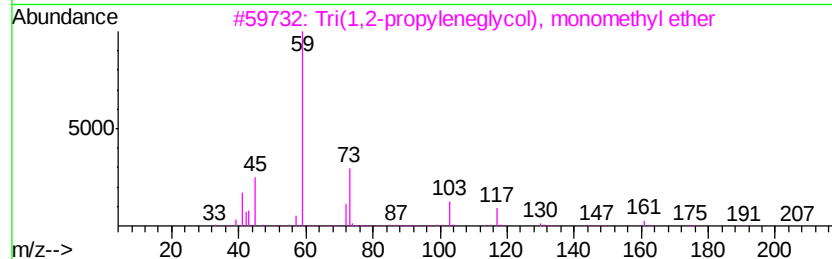
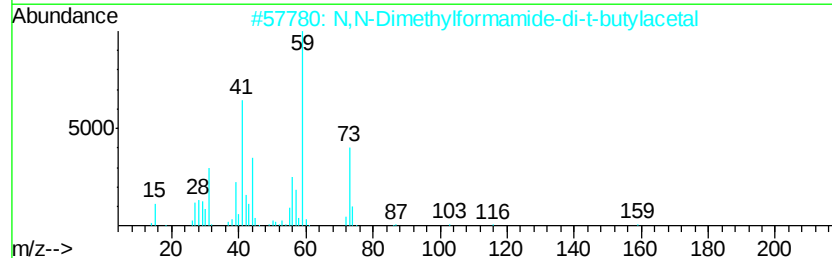
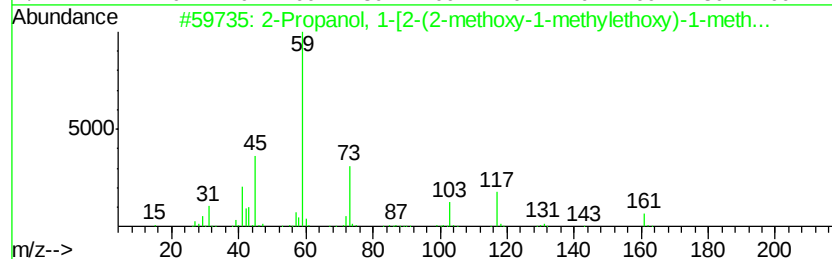
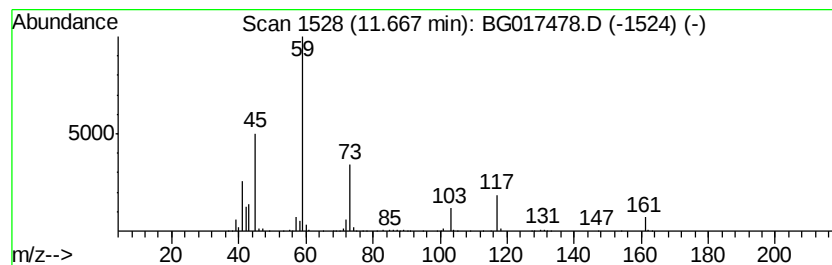
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown11.67 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	113.01 ng	991618	Naphthalene-d8	10.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol,	1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	90	
2	N,N-Dimethylformamide-di-t-butyl...	203	C11H25NO2	036805-97-7	47		
3	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	47		
4	2-Propanol,	1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	45	
5	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	45		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

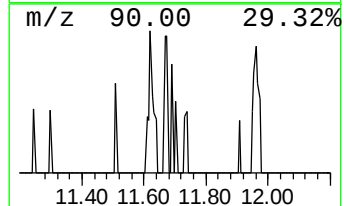
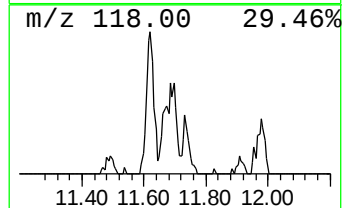
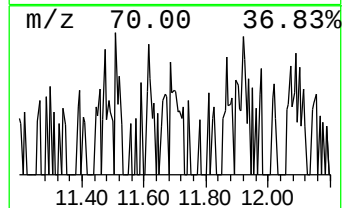
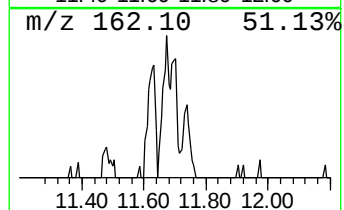
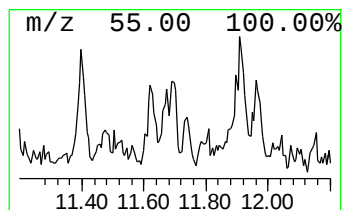
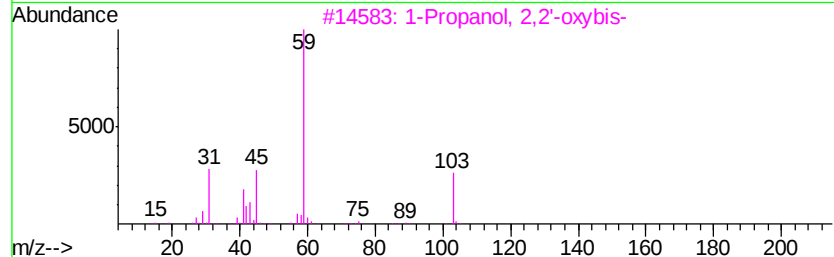
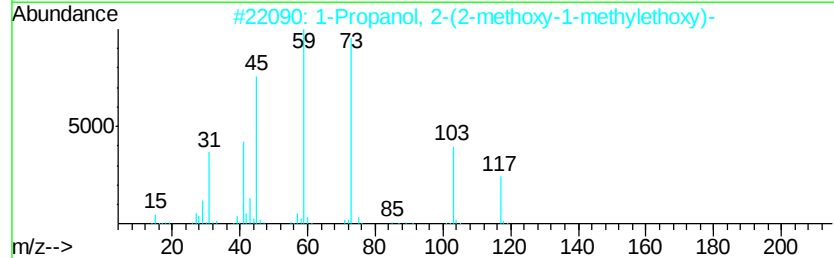
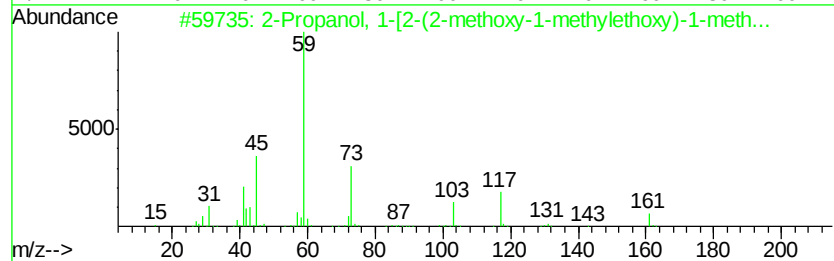
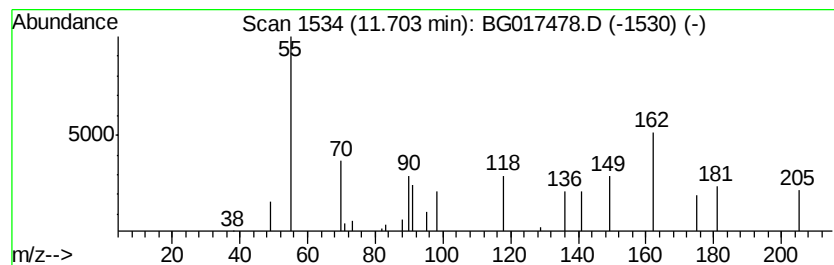
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Propanol, 2-(2-methoxy-1-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	115.53 ng	1013760	Naphthalene-d8	10.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol,	1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	78
2	1-Propanol,	2-(2-methoxy-1-methy...	148	C7H16O3	055956-21-3	56
3	1-Propanol,	2,2'-oxybis-	134	C6H14O3	000108-61-2	28
4	2-Propanol,	1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	28
5	3-Hexanol		102	C6H14O	000623-37-0	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

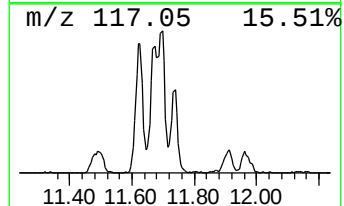
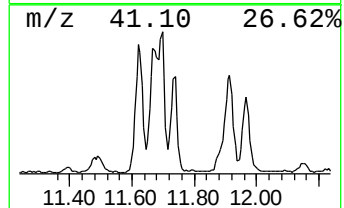
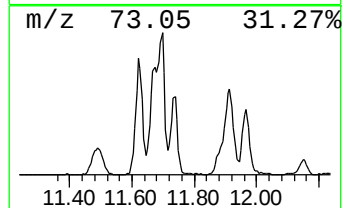
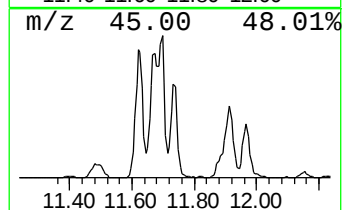
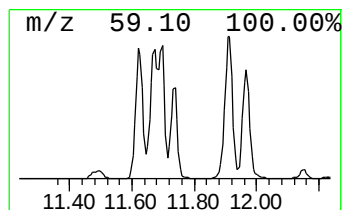
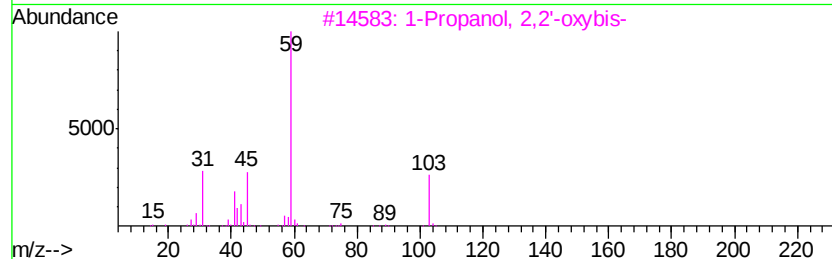
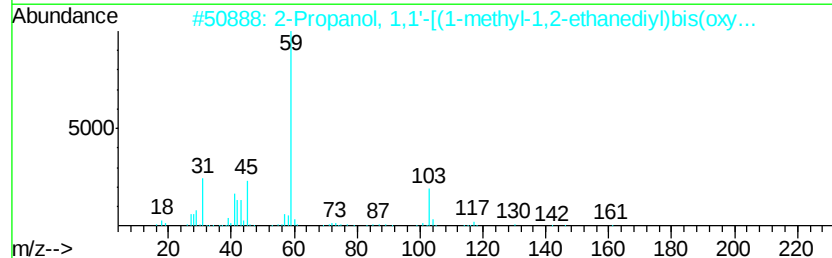
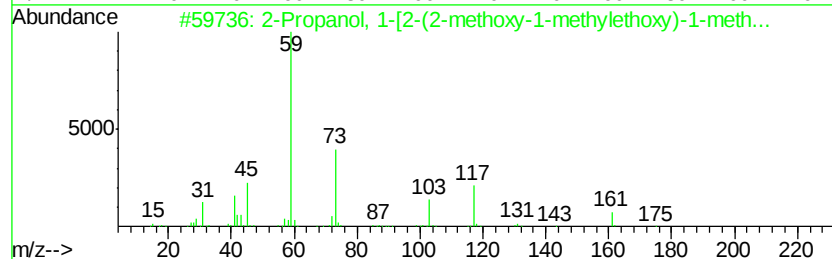
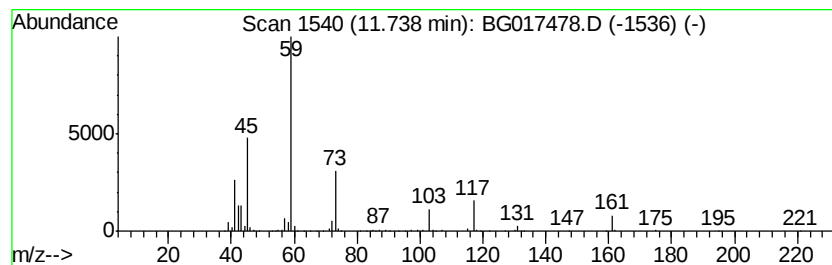
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown11.74 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	78.13 ng	685591	Naphthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	64
2		2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	47
3		1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	40
4		Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	39
5		2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	39



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

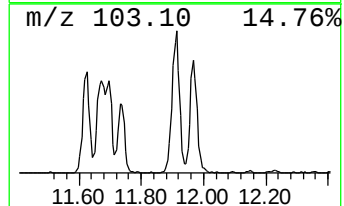
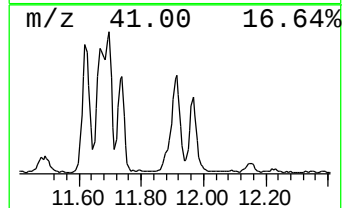
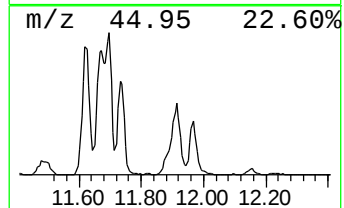
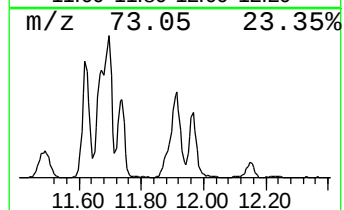
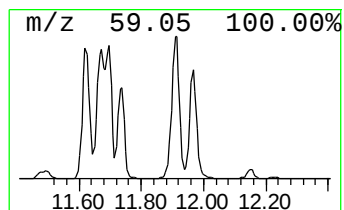
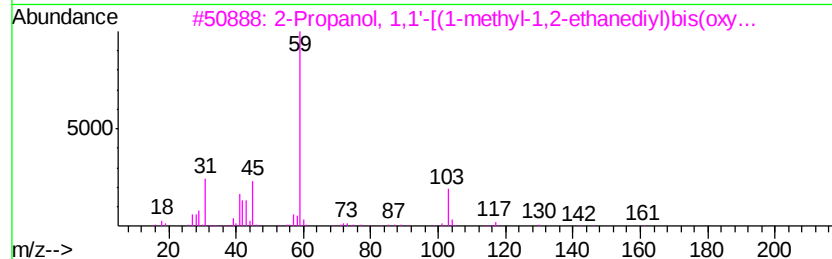
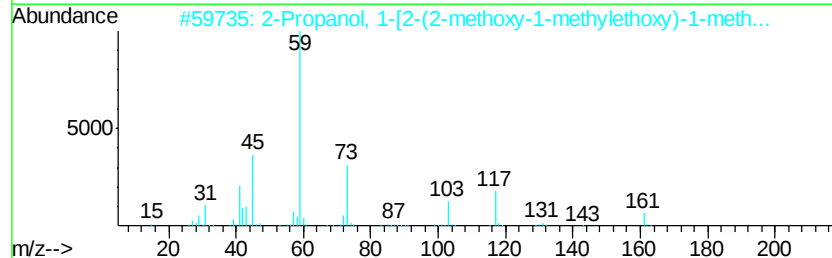
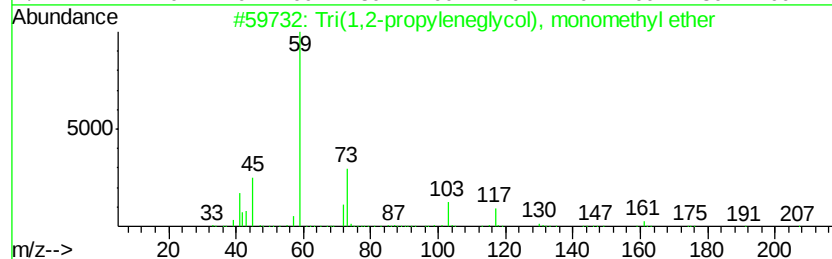
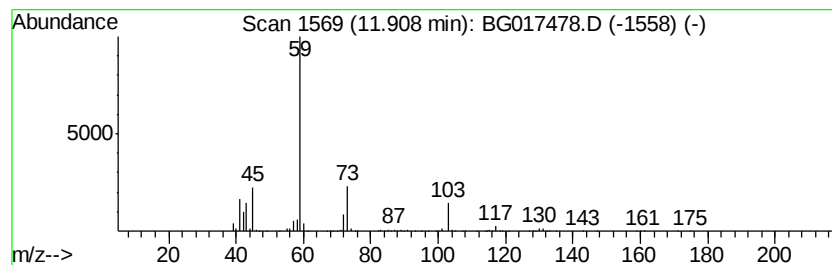
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tri(1,2-propyleneglycol), m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	140.23 ng	1230550	Naphthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	83
2		2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	64
3		2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	59
4		1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	53
5		Dipropylene glycol	134	C6H14O3	025265-71-8	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

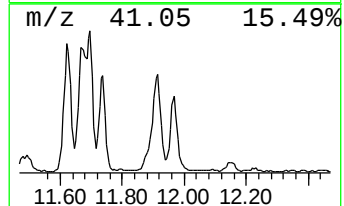
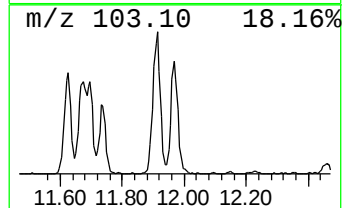
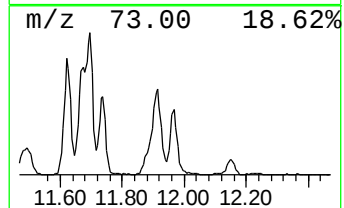
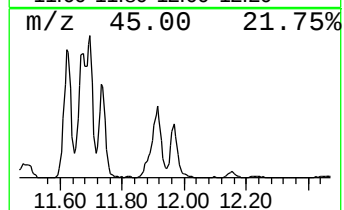
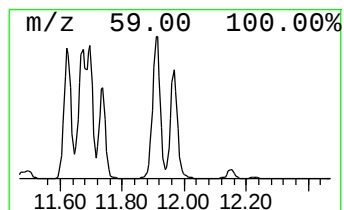
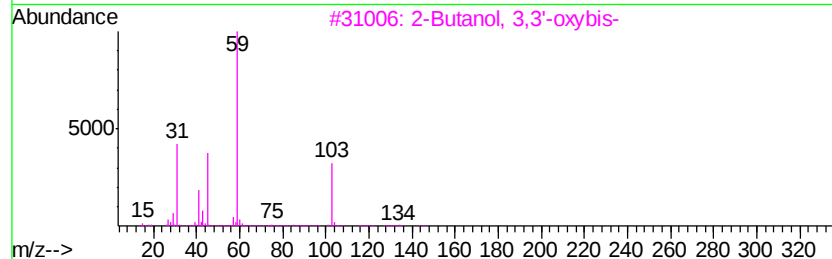
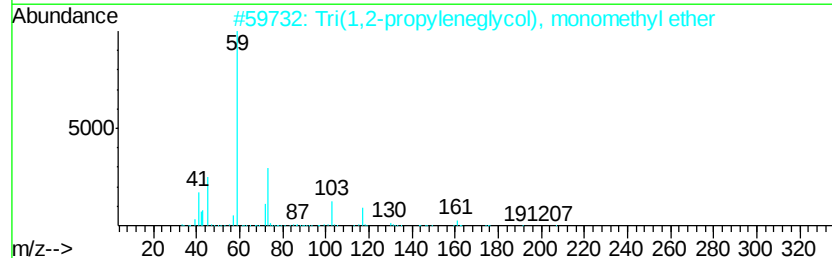
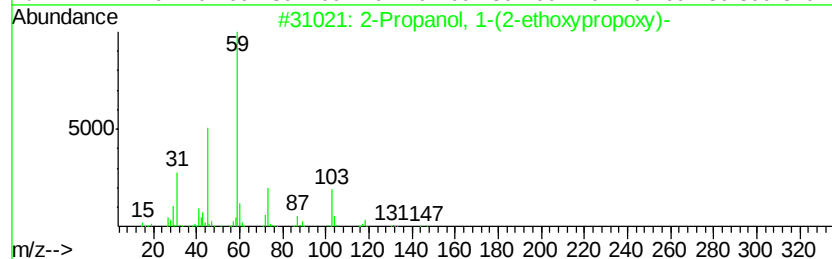
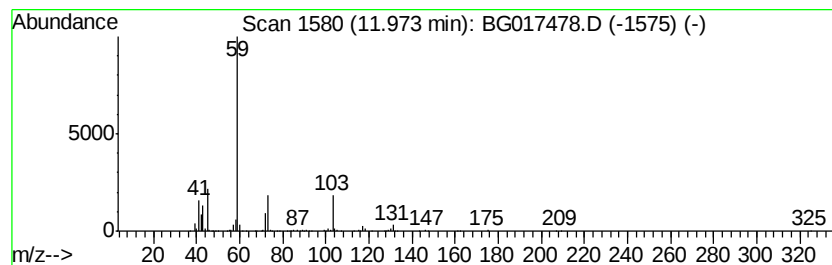
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Propanol, 1-(2-ethoxyprop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	80.35 ng	705054	Naphthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	78
2		Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	64
3		2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	59
4		1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
5		2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

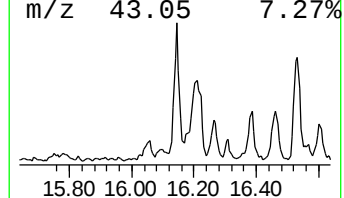
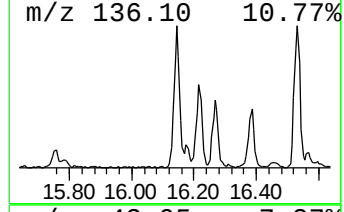
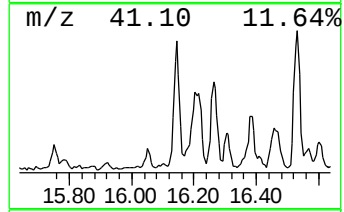
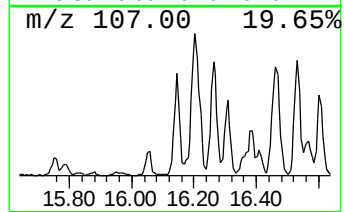
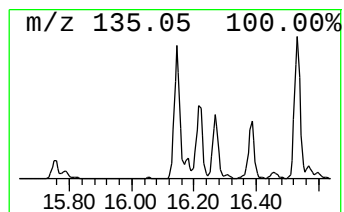
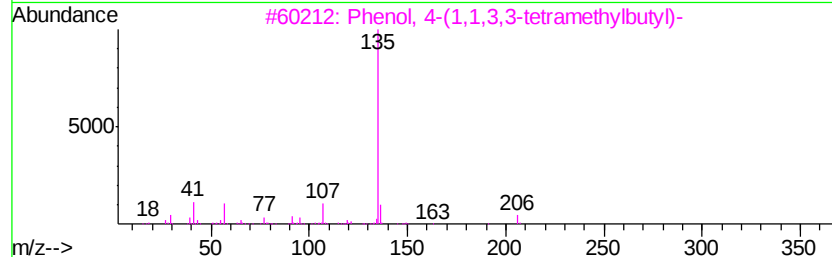
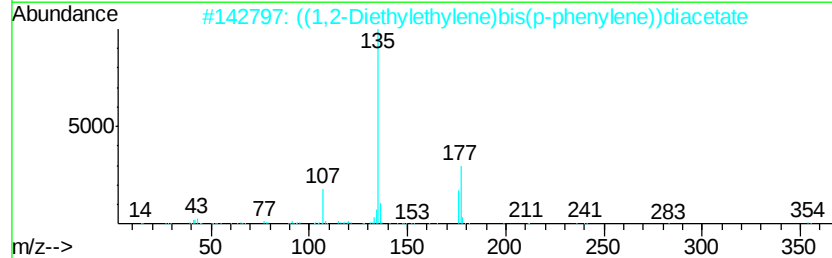
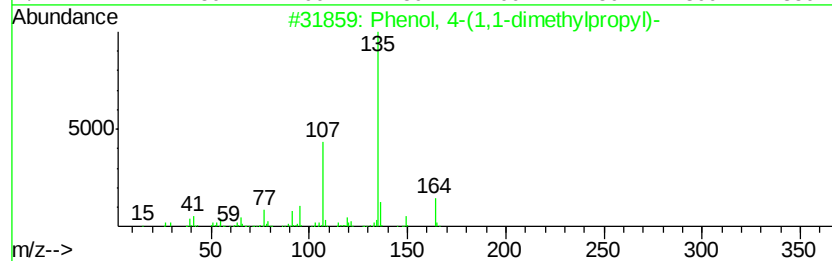
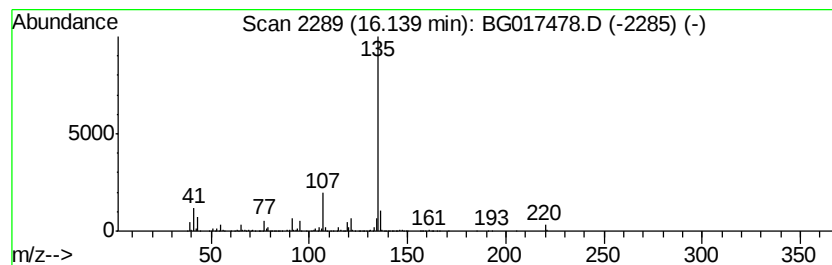
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenol, 4-(1,1-dimethylprop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	53.92 ng	876538	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2		((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	72
3		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
4		Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6N02	296242-69-8	64
5		4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

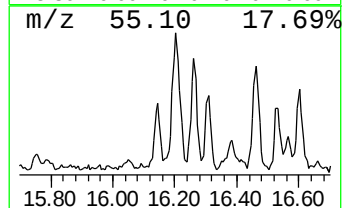
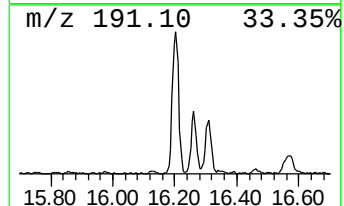
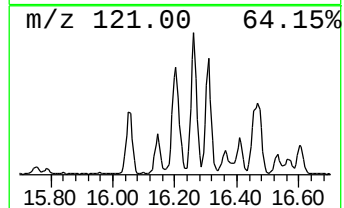
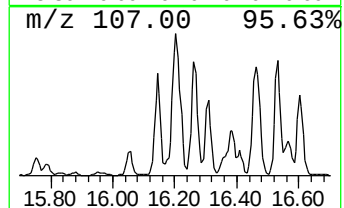
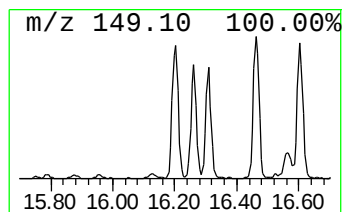
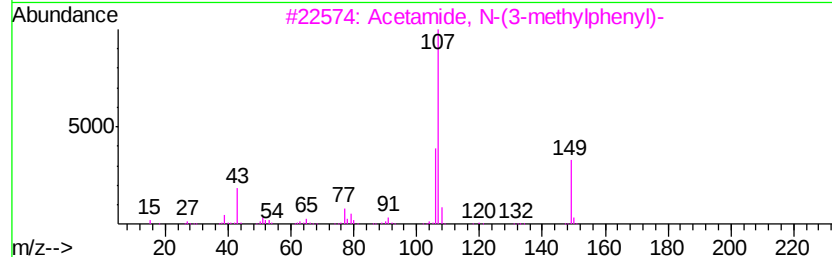
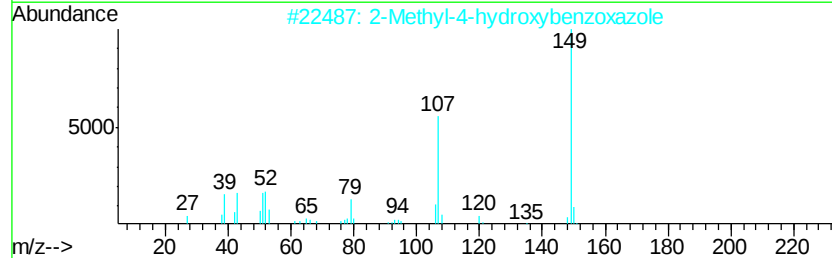
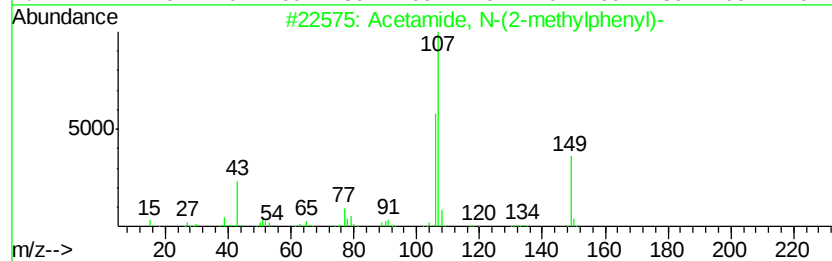
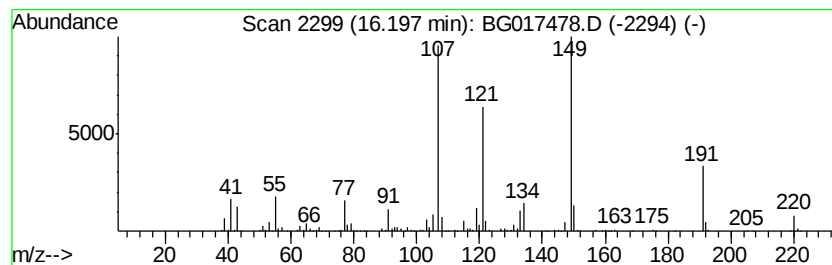
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Acetamide, N-(2-methylphenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	64.63 ng	1050520	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	50
2		2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	50
3		Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
4		4-Methyl-2-tert-octylphenol	220	C15H24O	004979-46-8	38
5		Tricyclo[4.3.1.1(3,8)]undecane-3...	208	C13H20O2	031061-61-7	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

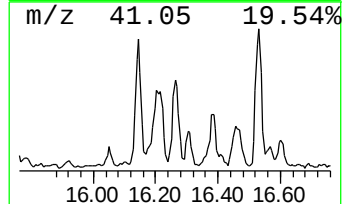
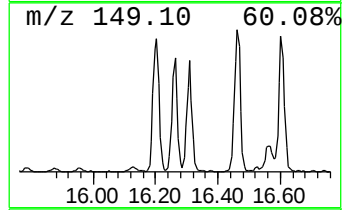
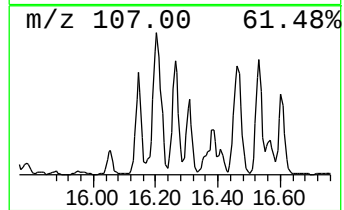
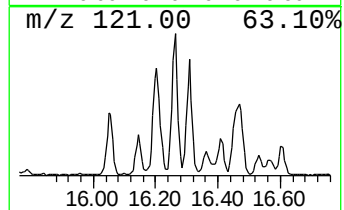
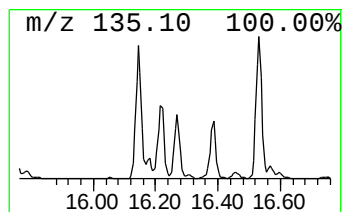
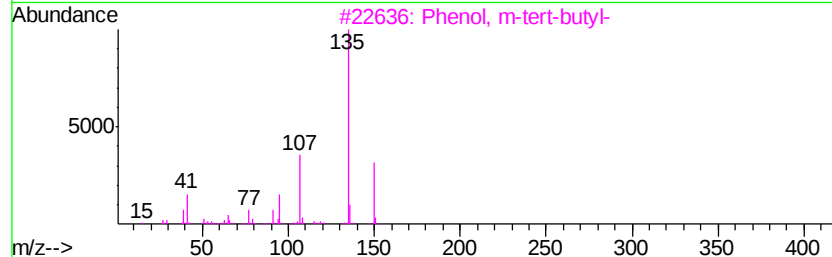
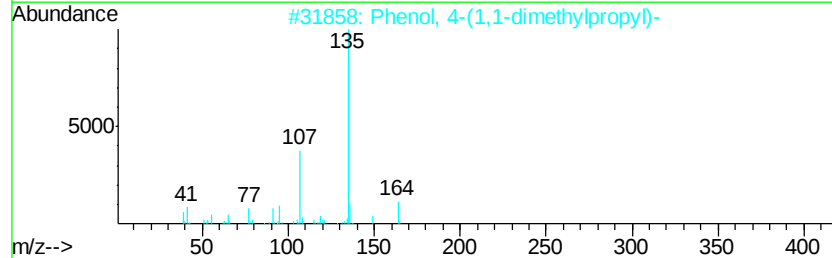
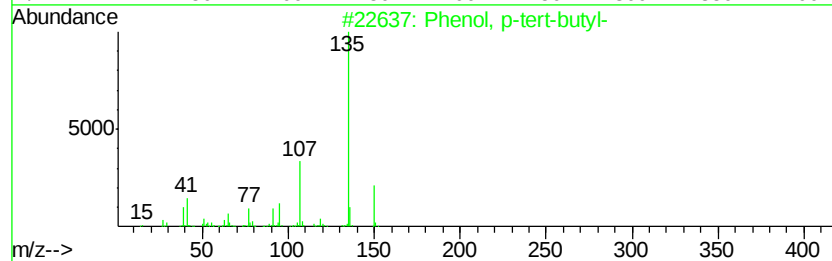
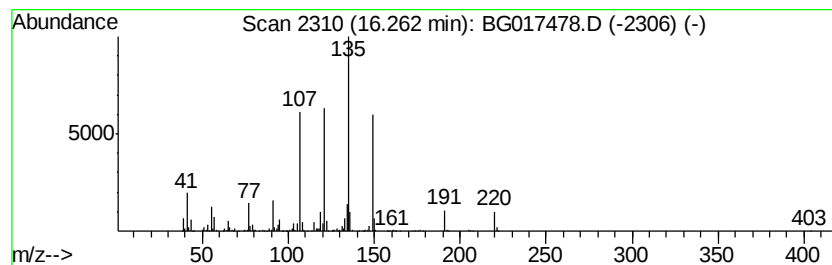
Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenol, p-tert-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.26	45.91 ng	746192	Phenanthrene-d10	17.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64	
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50	
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	49	
4	Hexestrol	270	C18H22O2	005635-50-7	47	
5	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	38	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

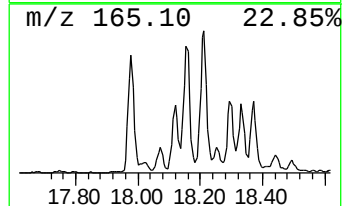
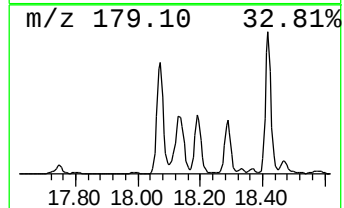
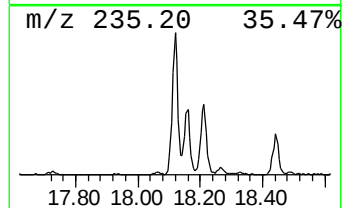
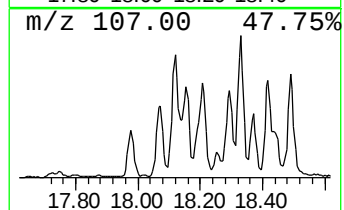
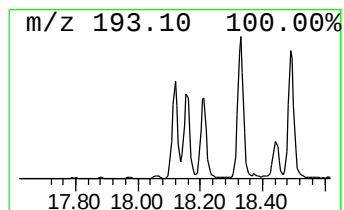
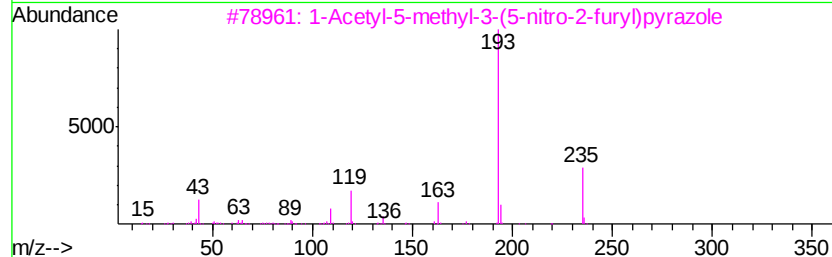
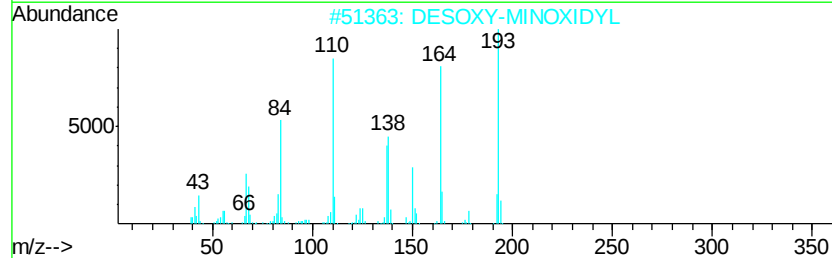
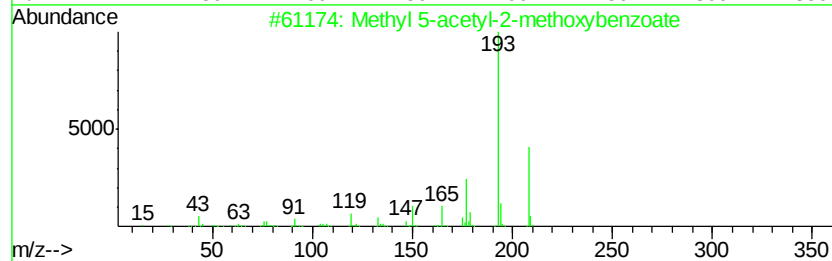
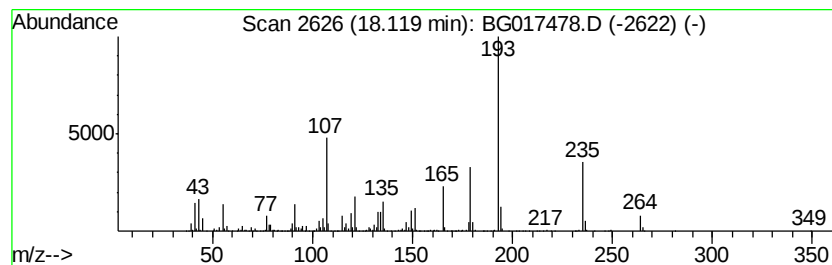
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown18.12 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	111.15 ng	1806750	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 5-acetyl-2-methoxybenzoate	208	C11H12O4	039971-36-3	43
2		DESOXY-MINOXIDYL	193	C9H15N5	1000246-13-2	41
3		1-Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	38
4		3,4-Dihydro-6-nitrocoumarin	193	C9H7NO4	020920-99-4	38
5		S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	37



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

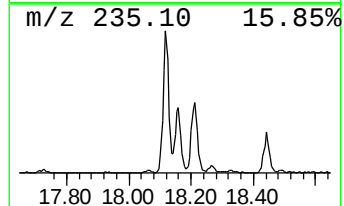
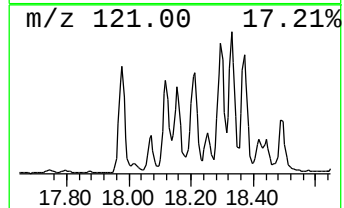
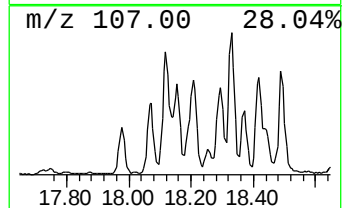
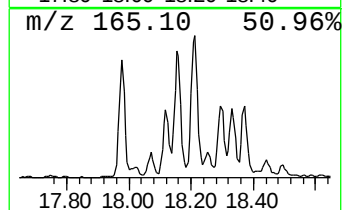
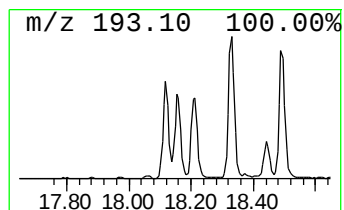
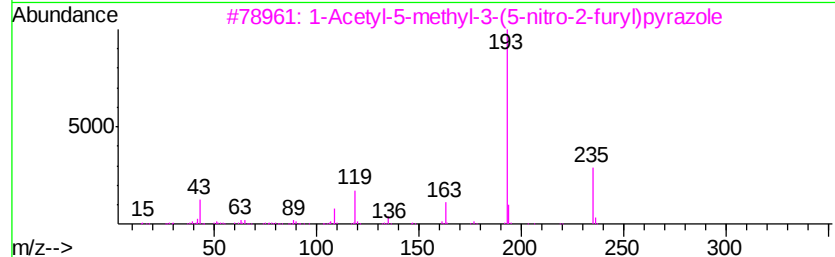
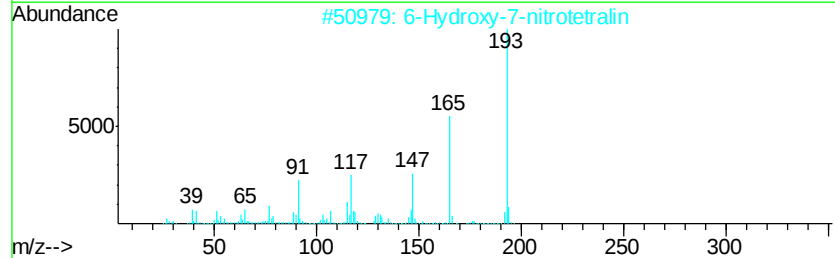
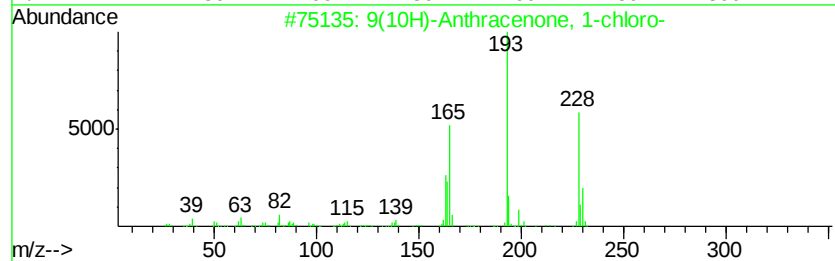
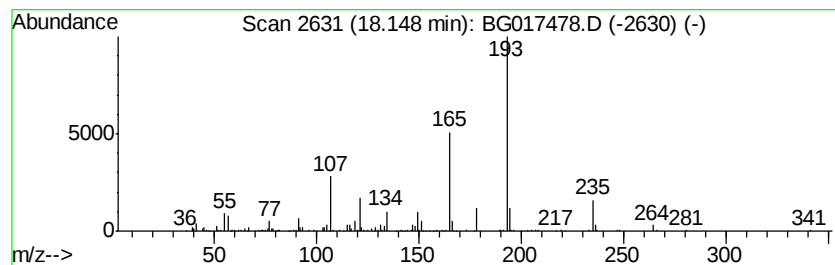
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9(10H)-Anthracenone, 1-chloro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	58.20 ng	946072	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9(10H)-Anthracenone, 1-chloro-	228	C14H9ClO	004887-98-3	53
2		6-Hydroxy-7-nitrotetralin	193	C10H11NO3	006240-79-5	53
3		1-Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	43
4		Quinolin-2(1H)-one, 3-butyl-6-fl...	235	C13H14FN02	279691-75-7	43
5		Benzeneacetonitrile, .alpha.-phe...	193	C14H11N	000086-29-3	42



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

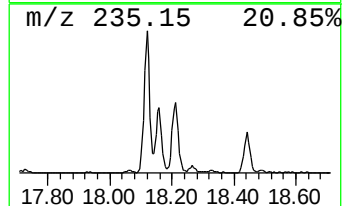
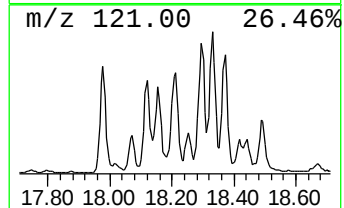
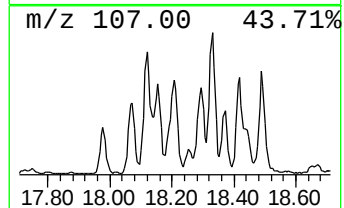
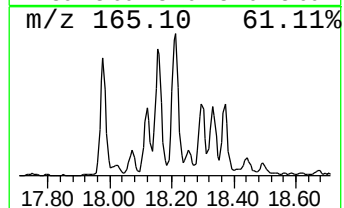
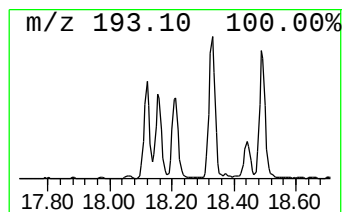
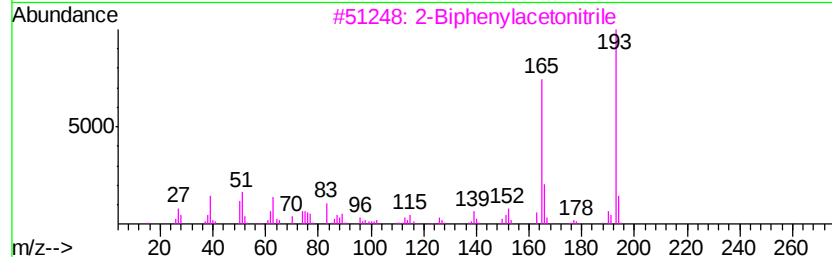
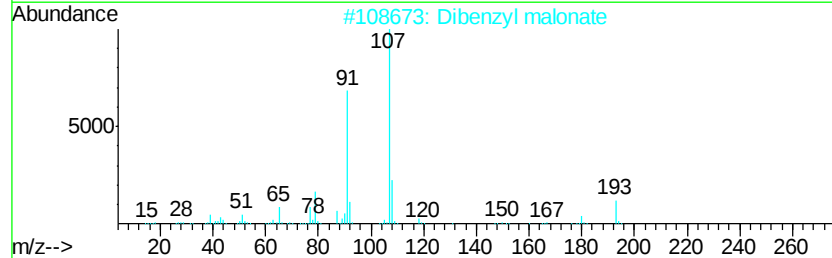
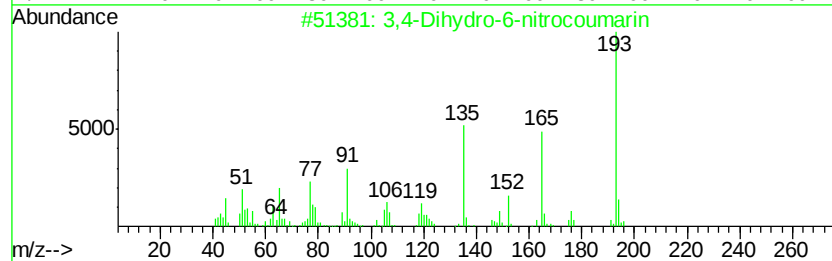
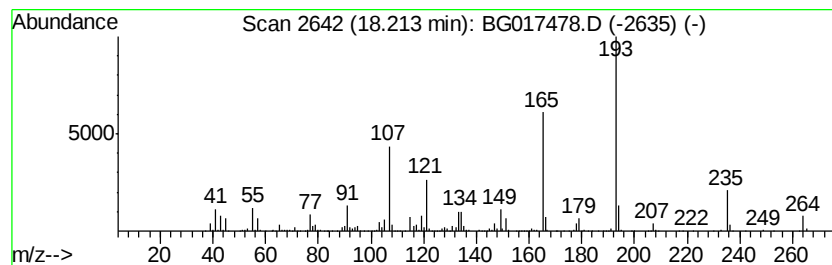
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown18.21 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	99.60 ng	1618930	Phenanthrene-d10	17.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-6-nitrocoumarin			193	C9H7NO4	020920-99-4	47
2	Dibenzyl malonate			284	C17H16O4	015014-25-2	37
3	2-Biphenylacetonitrile			193	C14H11N	019853-10-2	37
4	Phenol, 2-[(4-morpholinyl)methyl]-			193	C11H15NO2	004438-01-1	37
5	2-Anthracenamine			193	C14H11N	000613-13-8	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

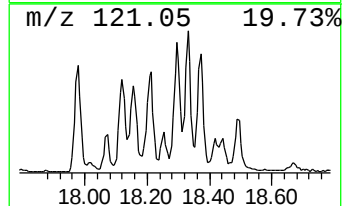
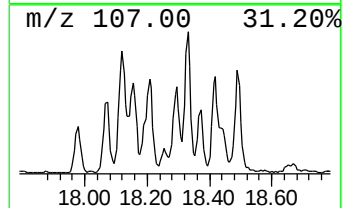
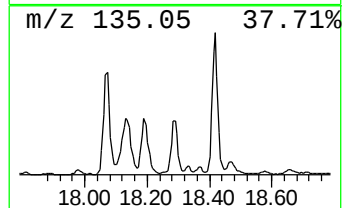
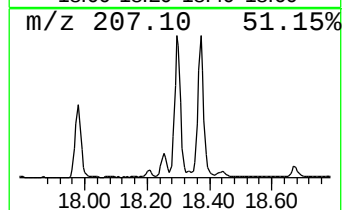
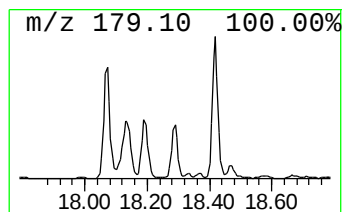
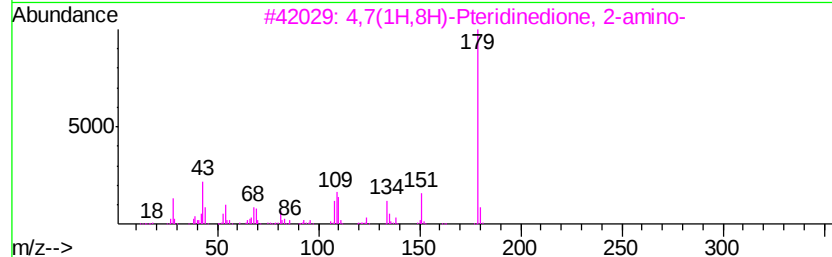
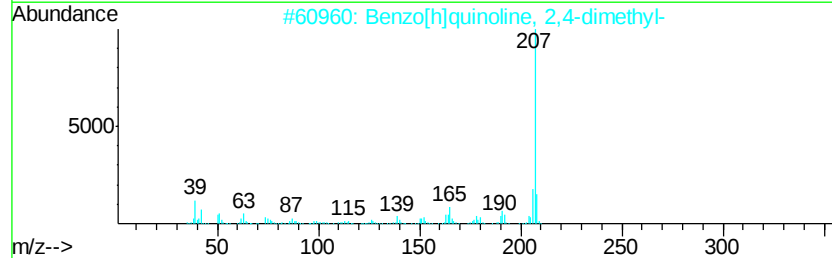
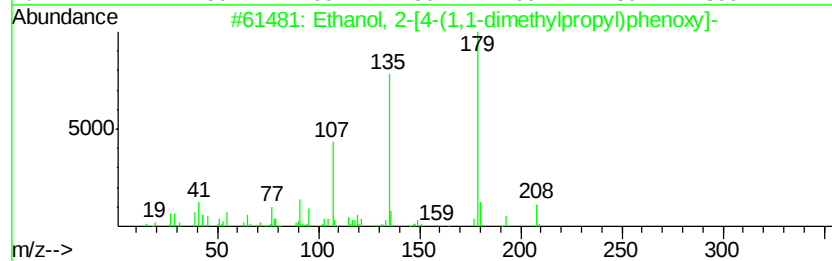
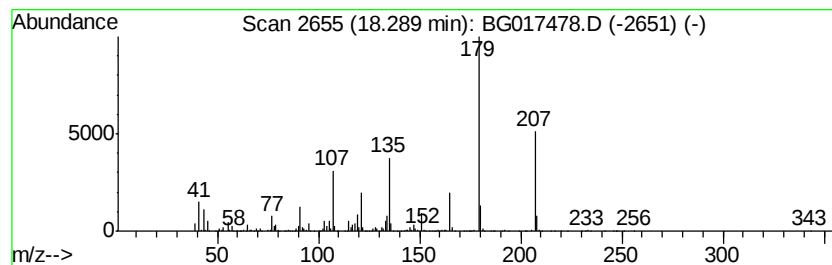
Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown18.29 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.29	79.93 ng	1299230	Phenanthrene-d10	17.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	43	
2	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	27	
3	4,7(1H,8H)-Pteridinedione, 2-amino-	179	C6H5N5O2	000529-69-1	27	
4	.alpha.,.alpha.-Diisopropyl-o-me...	222	C14H22O2	010277-90-4	27	
5	1H-Benzo[4,5]furo[3,2-f]indole	207	C14H9NO	000242-97-7	27	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

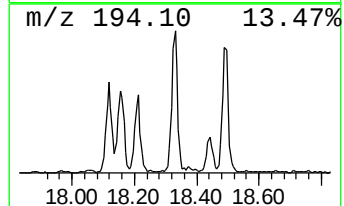
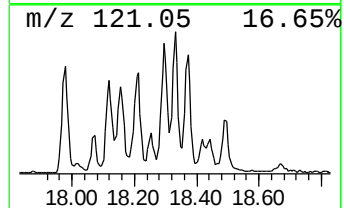
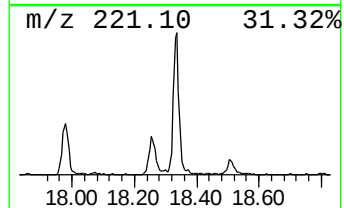
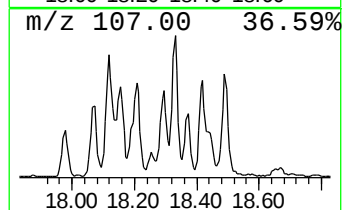
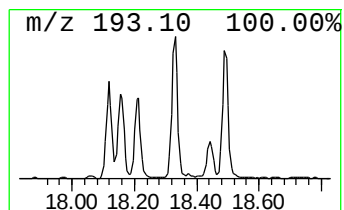
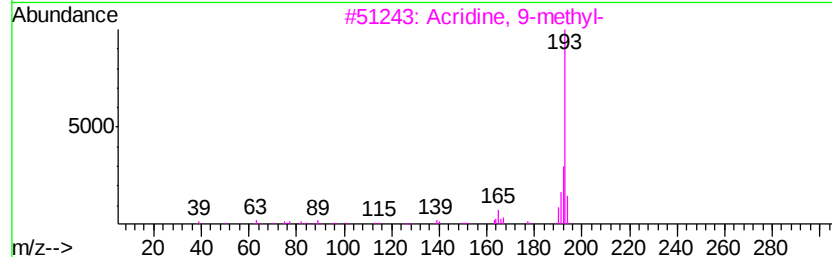
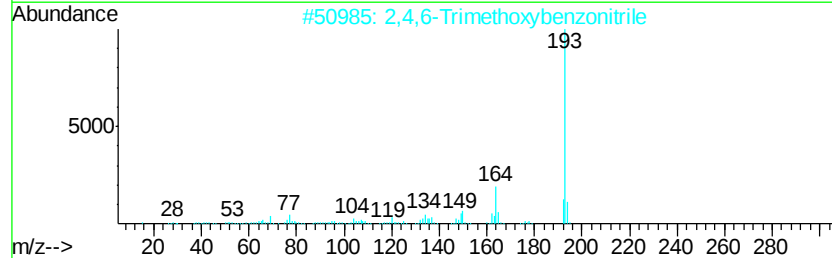
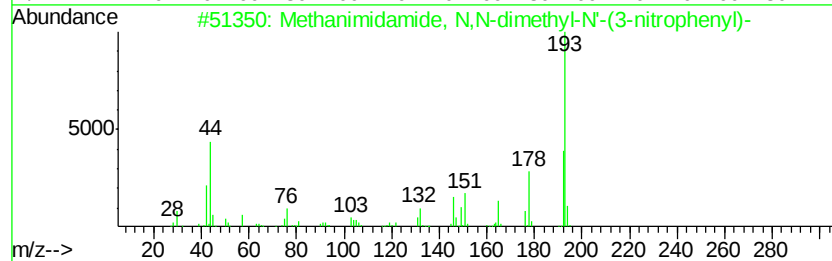
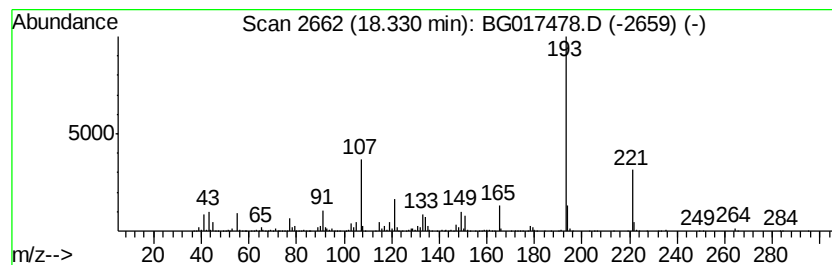
Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown18.33 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.33	83.86 ng	1363210	Phenanthrene-d10		17.05		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanimidamide, N,N-dimethyl-N'...	193	C9H11N3O2	002103-47-1	49
2			2,4,6-Trimethoxybenzonitrile	193	C10H11NO3	002571-54-2	49
3			Acridine, 9-methyl-	193	C14H11N	000611-64-3	47
4			6-Methylphenanthridine	193	C14H11N	003955-65-5	47
5			2-Phenylindolizine	193	C14H11N	025379-20-8	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

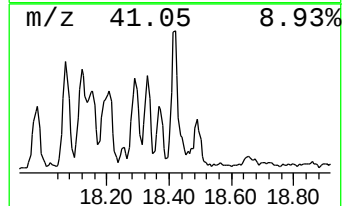
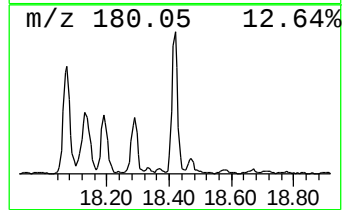
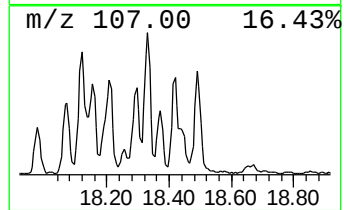
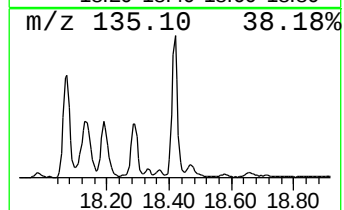
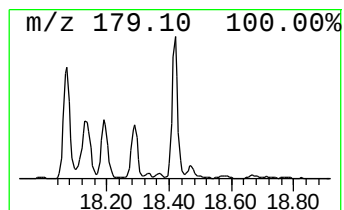
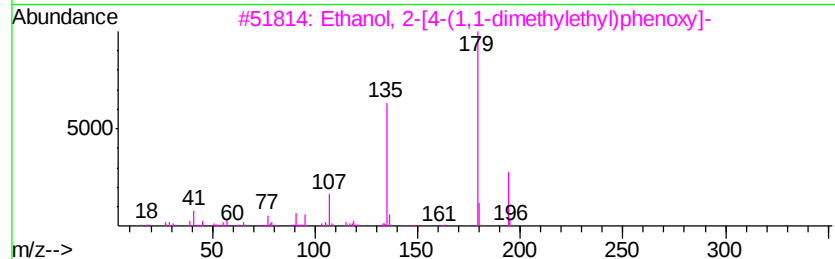
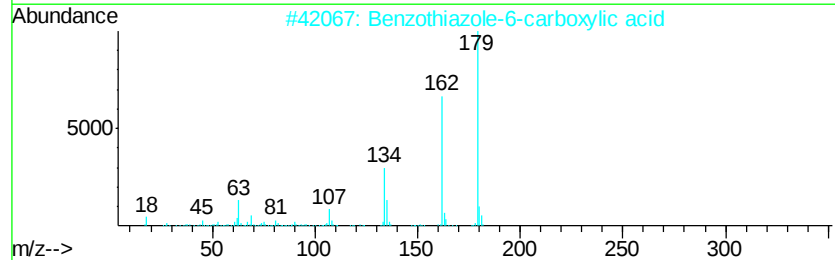
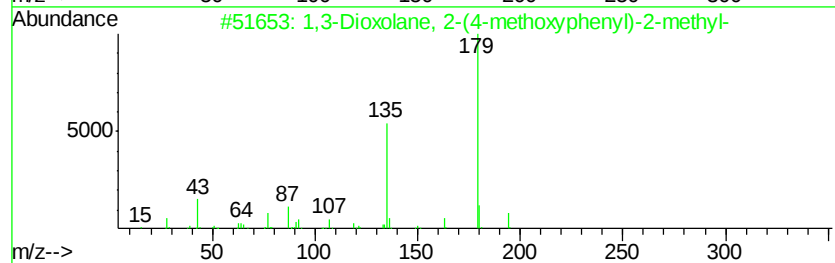
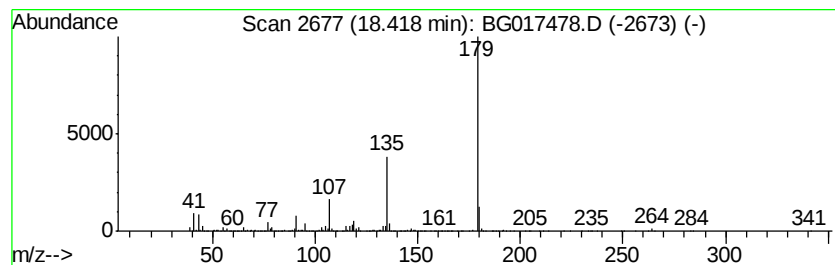
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,3-Dioxolane, 2-(4-methoxy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	109.27 ng	1776240	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	72
2		Benzothiazole-6-carboxylic acid	179	C8H5NO2S	003622-35-3	42
3		Ethanol, 2-[4-(1,1-dimethylethyl)...]	194	C12H18O2	000713-46-2	40
4		(p-(Allyloxycarbonyl)phenoxy)ace...	236	C12H12O5	1000241-83-7	37
5		1-Dimethyl(phenyl)silyloxypropane	194	C11H18OSi	013360-21-9	36



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017478.D
Acq On : 5 Jun 2015 17:33
Operator : TP/IZ
Sample : G2501-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

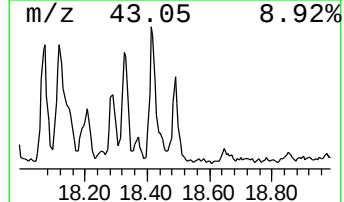
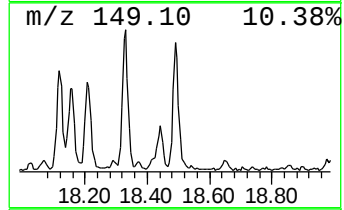
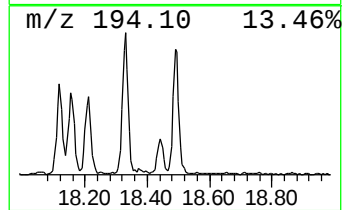
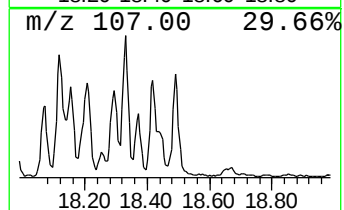
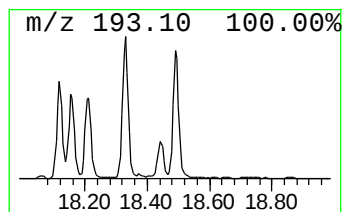
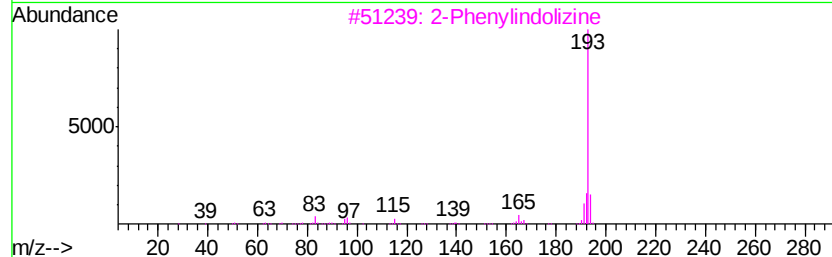
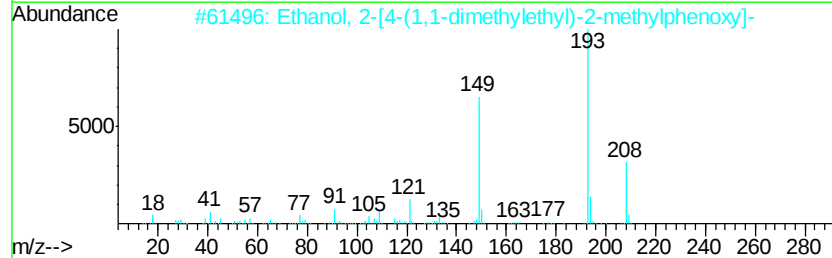
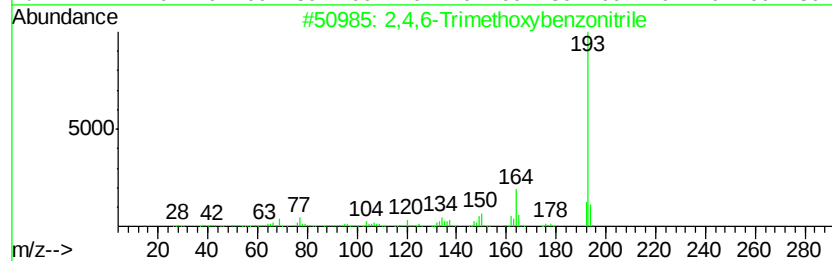
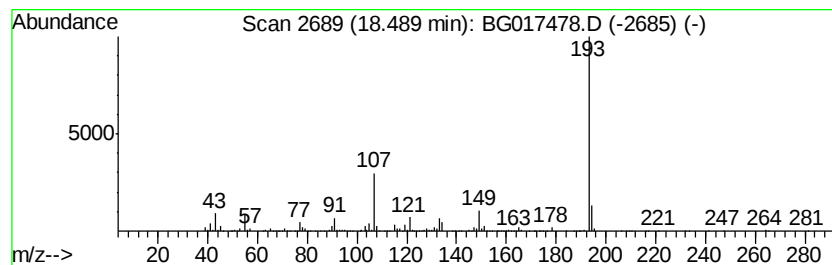
Instrument :
BNA_G
ClientSampleId :
MW-6-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2,4,6-Trimethoxybenzonitrile Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.49	58.09 ng	944316	Phenanthrene-d10		17.05	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzonitrile	193	C10H11N03	002571-54-2	58	
2	Ethanol, 2-[4-(1,1-dimethylethyl)-2-methylphenoxy]-	208	C13H20O2	054934-87-1	40	
3	2-Phenylindolizine	193	C14H11N	025379-20-8	40	
4	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	36	
5	Adamantane-1-carboxylic acid, 3-...	272	C12H17BrO2	027983-08-0	36	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
 Data File : BG017478.D
 Acq On : 5 Jun 2015 17:33
 Operator : TP/IZ
 Sample : G2501-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.17	7.17	77.6	ng	553536	1	7.63	142695	20.0
2-Propanol, 1-[2-...	11.62	128.5	ng	1127200	2	10.42	175499	20.0
unknown11.67	11.67	113.0	ng	991618	2	10.42	175499	20.0
1-Propanol, 2-(2-...	11.70	115.5	ng	1013760	2	10.42	175499	20.0
unknown11.74	11.74	78.1	ng	685591	2	10.42	175499	20.0
Tri(1,2-propylene...	11.91	140.2	ng	1230550	2	10.42	175499	20.0
2-Propanol, 1-(2-...	11.97	80.3	ng	705054	2	10.42	175499	20.0
Phenol, 4-(1,1-di...	16.14	53.9	ng	876538	4	17.05	325102	20.0
Acetamide, N-(2-m...	16.20	64.6	ng	1050520	4	17.05	325102	20.0
Phenol, p-tert-bu...	16.26	45.9	ng	746192	4	17.05	325102	20.0
Ethanol, 2-[4-(1,...	18.07	77.1	ng	1253290	4	17.05	325102	20.0
unknown18.12	18.12	111.2	ng	1806750	4	17.05	325102	20.0
9(10H)-Anthraceno...	18.15	58.2	ng	946072	4	17.05	325102	20.0
unknown18.21	18.21	99.6	ng	1618930	4	17.05	325102	20.0
unknown18.29	18.29	79.9	ng	1299230	4	17.05	325102	20.0
unknown18.33	18.33	83.9	ng	1363210	4	17.05	325102	20.0
1,3-Dioxolane, 2-...	18.42	109.3	ng	1776240	4	17.05	325102	20.0
2,4,6-Trimethoxyb...	18.49	58.1	ng	944316	4	17.05	325102	20.0