

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022936.D
 Acq On : 8 Jul 2016 18:45
 Operator : UM/SJ
 Sample : H3853-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0577

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-BG070816.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	3.814	161	166	173	rBV	502931	737896	6.88%	0.396%
2	4.630	301	305	312	rVB	133544	220759	2.06%	0.118%
3	4.754	318	326	336	rBV6	70721	158221	1.48%	0.085%
4	5.224	397	406	410	rVV3	162698	299078	2.79%	0.161%
5	5.271	410	414	419	rVV2	162889	293962	2.74%	0.158%
6	5.324	419	423	430	rVV4	183721	395420	3.69%	0.212%
7	5.700	479	487	496	rBV	1195928	2115504	19.72%	1.136%
8	6.017	537	541	543	rBV3	103624	167695	1.56%	0.090%
9	6.217	570	575	580	rBV2	182874	293586	2.74%	0.158%
10	6.317	586	592	596	rBV4	107618	183275	1.71%	0.098%
11	6.399	603	606	611	rVB3	136846	193895	1.81%	0.104%
12	6.599	632	640	641	rBV4	172888	300208	2.80%	0.161%
13	6.622	641	644	648	rVV	270485	398101	3.71%	0.214%
14	6.652	648	649	658	rVB4	137398	217650	2.03%	0.117%
15	6.734	658	663	668	rBV3	110447	182553	1.70%	0.098%
16	6.804	668	675	683	rVB3	294822	618141	5.76%	0.332%
17	6.881	683	688	696	rVB4	128137	237244	2.21%	0.127%
18	6.963	696	702	708	rBV2	440190	911154	8.50%	0.489%
19	7.034	708	714	722	rVB4	185577	494123	4.61%	0.265%
20	7.128	722	730	734	rBV2	159077	282311	2.63%	0.152%
21	7.192	734	741	744	rBV5	159257	290368	2.71%	0.156%
22	7.227	744	747	753	rVB3	180804	287705	2.68%	0.154%
23	7.316	753	762	773	rBV2	924864	2594332	24.19%	1.393%
24	7.404	773	777	782	rVB	111191	185820	1.73%	0.100%
25	7.480	782	790	794	rBV7	110364	255010	2.38%	0.137%
26	7.539	794	800	804	rBV3	487639	1028958	9.59%	0.552%
27	7.686	818	825	835	rBV	2288035	4483724	41.81%	2.407%
28	7.815	844	847	851	rBV3	88832	149339	1.39%	0.080%
29	7.880	855	858	862	rVB4	126682	159376	1.49%	0.086%
30	8.032	880	884	890	rVB4	239634	494076	4.61%	0.265%
31	8.103	890	896	900	rBV3	396133	804394	7.50%	0.432%
32	8.156	900	905	916	rVV4	687615	1847625	17.23%	0.992%
33	8.244	916	920	928	rVB4	252477	637449	5.94%	0.342%
34	8.408	938	948	951	rBV6	449039	1282818	11.96%	0.689%

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35	8.479	954	960	964	rBV	1854550	3590199	33.47%	1.927%
36	8.585	975	978	981	rVB3	191012	227436	2.12%	0.122%
37	8.620	982	984	992	rVB5	275296	557438	5.20%	0.299%
38	8.714	992	1000	1009	rVB3	374637	867717	8.09%	0.466%
39	8.814	1009	1017	1020	rBV4	270093	643031	6.00%	0.345%
40	8.861	1021	1025	1036	rVB4	364318	738954	6.89%	0.397%
41	8.955	1036	1041	1050	rBV7	376970	912497	8.51%	0.490%
42	9.055	1050	1058	1071	rVB9	373129	1373279	12.80%	0.737%
43	9.225	1082	1087	1089	rBV2	540592	892276	8.32%	0.479%
44	9.266	1090	1094	1098	rVV	913609	1663202	15.51%	0.893%
45	9.331	1099	1105	1111	rVV	2214257	4904393	45.73%	2.633%
46	9.501	1129	1134	1137	rBV5	80664	172584	1.61%	0.093%
47	9.542	1137	1141	1145	rVB6	286483	434448	4.05%	0.233%
48	9.589	1145	1149	1154	rBV4	233541	335336	3.13%	0.180%
49	9.730	1169	1173	1176	rBV4	143002	206864	1.93%	0.111%
50	9.789	1180	1183	1190	rVB7	226912	459666	4.29%	0.247%
51	9.971	1204	1214	1222	rBV4	1483015	4331771	40.39%	2.325%
52	10.130	1236	1241	1244	rBV4	233241	422665	3.94%	0.227%
53	10.206	1244	1254	1264	rVB4	778664	2154357	20.09%	1.156%
54	10.336	1271	1276	1278	rBV6	429548	698803	6.52%	0.375%
55	10.371	1278	1282	1292	rVV7	906776	2386234	22.25%	1.281%
56	10.441	1292	1294	1301	rVB8	204106	399254	3.72%	0.214%
57	10.524	1303	1308	1309	rBV5	196650	292154	2.72%	0.157%
58	10.571	1311	1316	1327	rVV9	325908	873086	8.14%	0.469%
59	10.706	1336	1339	1342	rBV3	218585	328515	3.06%	0.176%
60	10.753	1342	1347	1357	rVV5	1540098	4318237	40.26%	2.318%
61	10.835	1357	1361	1367	rVB4	692783	1326876	12.37%	0.712%
62	10.894	1367	1371	1374	rBV5	121011	202410	1.89%	0.109%
63	10.982	1377	1386	1392	rBV2	1506972	3461828	32.28%	1.858%
64	11.223	1416	1427	1431	rBV4	906876	2577088	24.03%	1.383%
65	11.317	1439	1443	1444	rBV3	187399	275932	2.57%	0.148%
66	11.446	1461	1465	1469	rBV4	321252	674439	6.29%	0.362%
67	11.569	1477	1486	1492	rVB3	2258108	6199901	57.81%	3.328%
68	11.799	1521	1525	1527	rBV2	260510	452426	4.22%	0.243%
69	12.022	1559	1563	1568	rVB4	871458	1522943	14.20%	0.817%
70	12.086	1570	1574	1581	rVB6	624582	1519915	14.17%	0.816%
71	12.239	1596	1600	1605	rVB	1108441	1600388	14.92%	0.859%

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72	12.433	1629	1633	1637	rBV2	306988	489910	4.57%	0.263%
73	12.521	1643	1648	1651	rBV3	699009	1386277	12.93%	0.744%
74	12.809	1690	1697	1703	rBV7	1478020	4017488	37.46%	2.156%
75	12.974	1719	1725	1730	rBV6	820663	2298967	21.44%	1.234%
76	13.079	1737	1743	1749	rBV6	1376817	3331349	31.06%	1.788%
77	13.238	1765	1770	1772	rBV5	1065779	1950409	18.19%	1.047%
78	13.291	1774	1779	1784	rVB5	2392450	5263369	49.07%	2.825%
79	13.350	1785	1789	1790	rBV4	580626	852442	7.95%	0.458%
80	13.420	1796	1801	1809	rVB	5884069	10386031	96.84%	5.575%
81	13.508	1811	1816	1820	rBV4	1209859	2197222	20.49%	1.179%
82	13.608	1828	1833	1837	rBV4	1285471	2838280	26.46%	1.523%
83	13.920	1881	1886	1894	rVB3	2262666	5485178	51.14%	2.944%
84	14.031	1901	1905	1909	rVB4	970826	1467305	13.68%	0.788%
85	14.143	1915	1924	1930	rBV4	1255216	4783597	44.60%	2.568%
86	14.207	1932	1935	1940	rVB4	1252300	2002741	18.67%	1.075%
87	14.513	1979	1987	1990	rBV8	1250052	3489266	32.53%	1.873%
88	14.795	2030	2035	2046	rVB4	2570230	5423357	50.57%	2.911%
89	14.889	2046	2051	2056	rBV4	1536628	2817986	26.27%	1.513%
90	14.960	2058	2063	2068	rBV5	1428113	2770954	25.84%	1.487%
91	15.289	2112	2119	2123	rBV2	2222711	4923988	45.91%	2.643%
92	15.394	2129	2137	2141	rBV2	1829105	4191812	39.08%	2.250%
93	15.453	2142	2147	2152	rVV4	3232762	6175253	57.58%	3.315%
94	15.512	2152	2157	2162	rVB5	2116303	3827981	35.69%	2.055%
95	16.305	2286	2292	2296	rVB2	4271537	6786413	63.27%	3.643%
96	17.562	2502	2506	2512	rVB2	1708810	2666039	24.86%	1.431%
97	19.707	2868	2871	2875	rBV4	780703	903711	8.43%	0.485%
98	20.159	2943	2948	2954	rVB	7987613	10725284	100.00%	5.757%
99	21.851	3231	3236	3245	rVB	1737417	2937263	27.39%	1.577%
100	25.206	3800	3807	3818	rVB2	898782	2710472	25.27%	1.455%

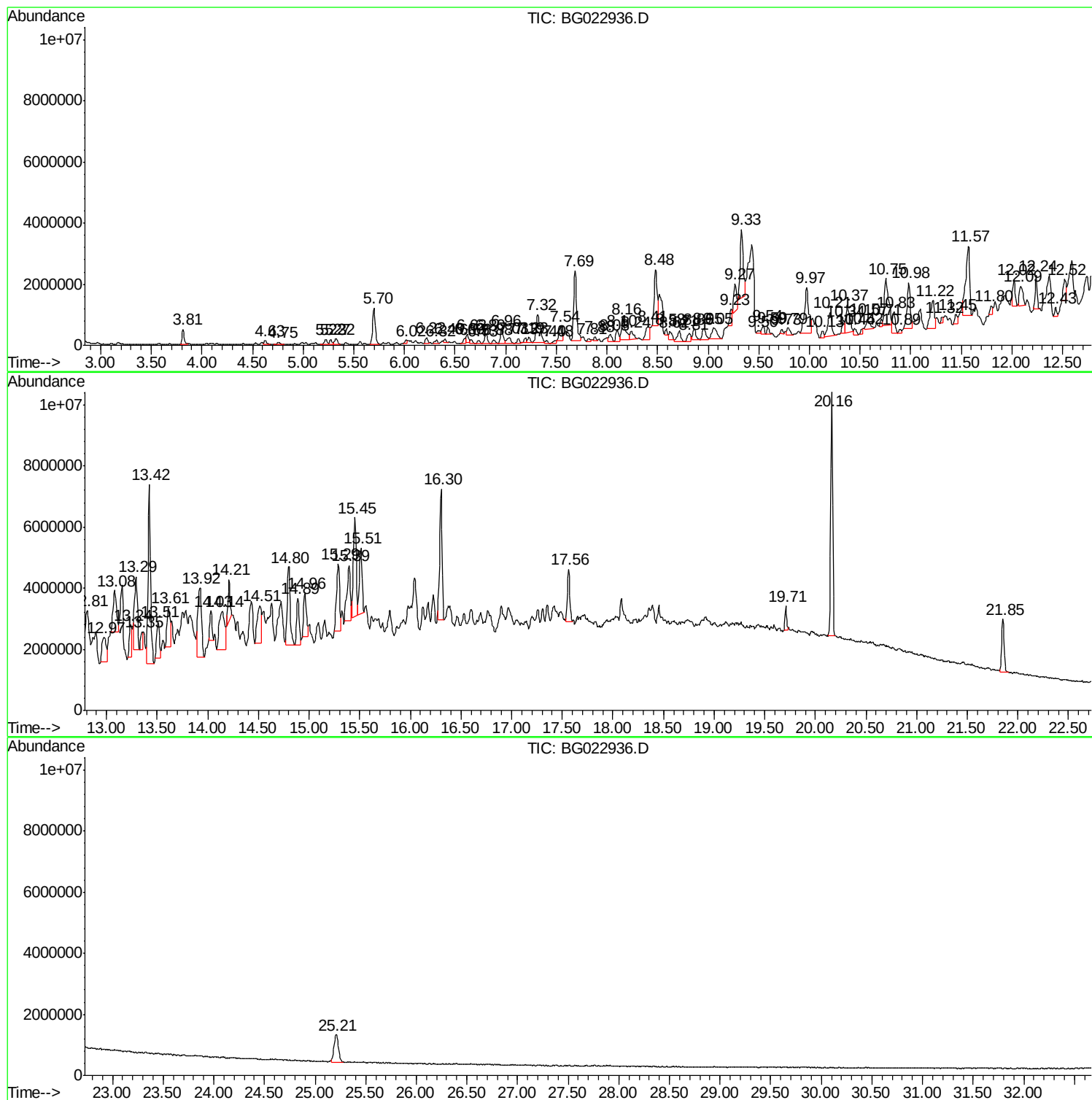
Sum of corrected areas: 186300656

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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.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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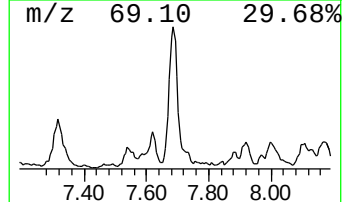
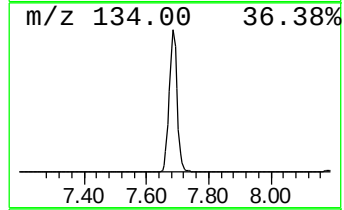
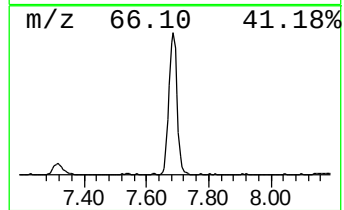
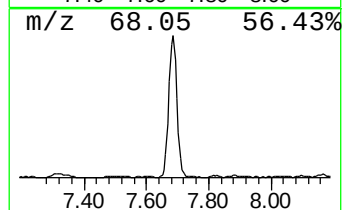
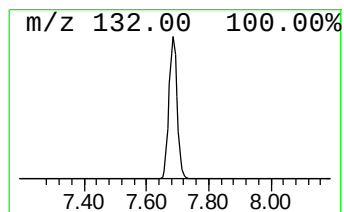
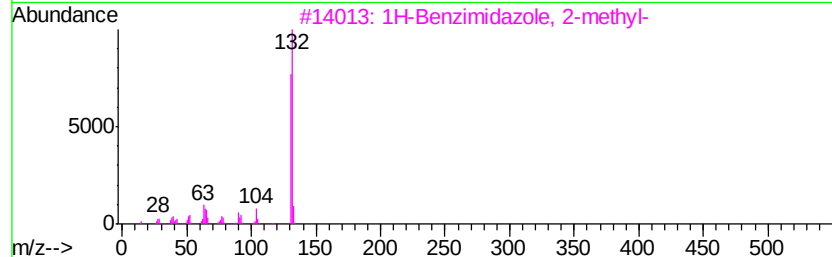
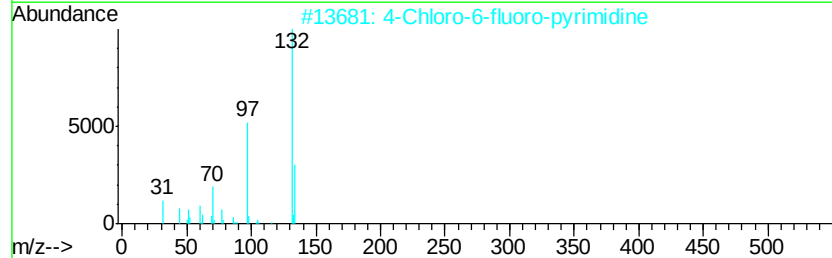
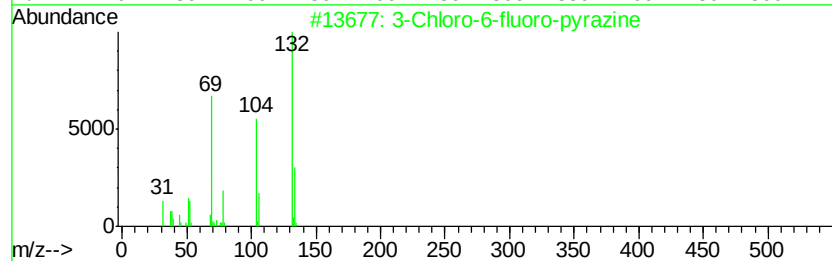
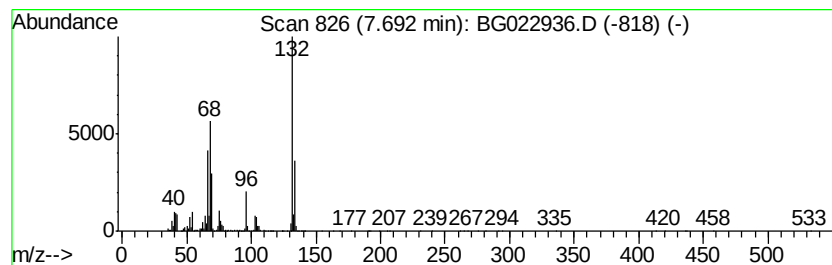
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	48.54 ng	4483720	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	18
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		2H-Cyclopentadipyridazine, 2-me...	132	C8H8N2	022291-85-6	10
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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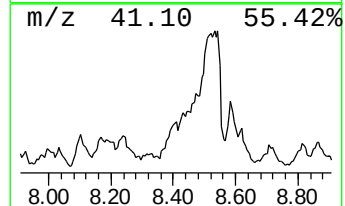
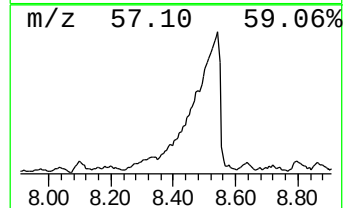
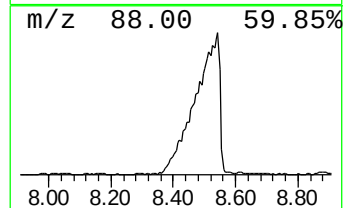
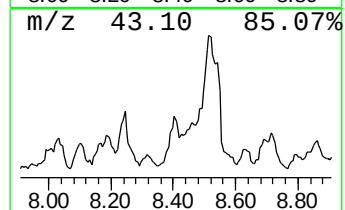
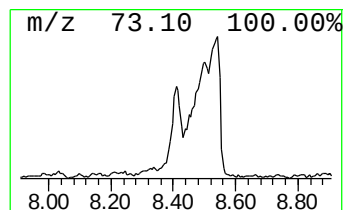
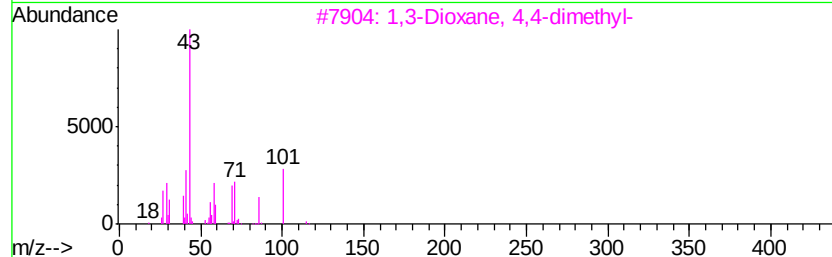
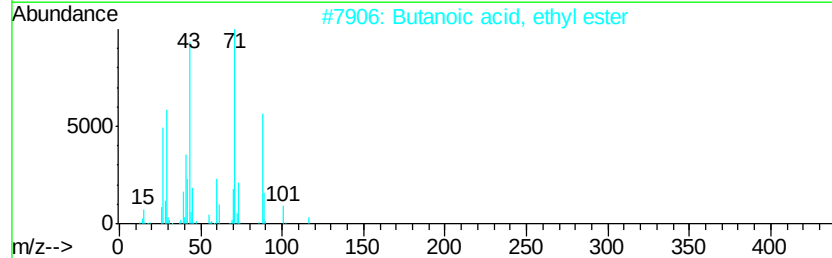
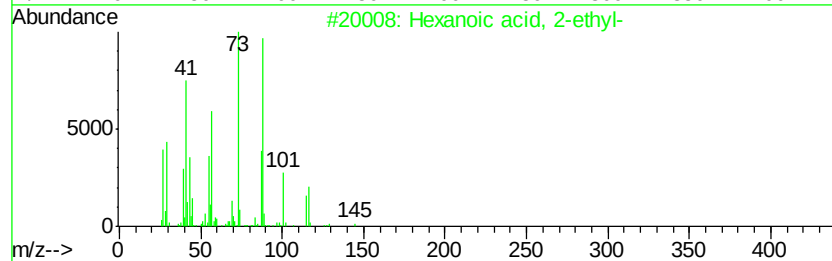
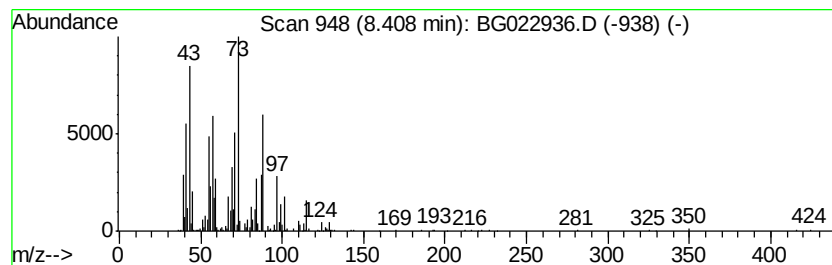
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown8.41 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	13.89 ng	1282820	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	27
2		Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	25
3		1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	22
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	18
5		Nonanoic acid, ethyl ester	186	C11H22O2	000123-29-5	14



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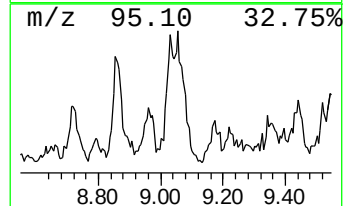
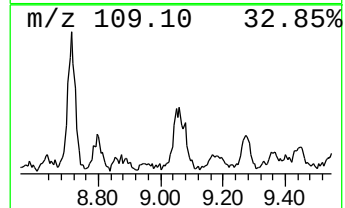
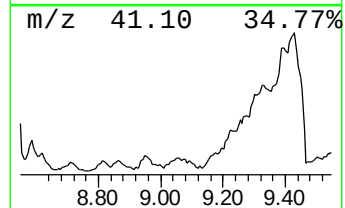
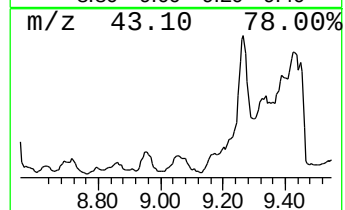
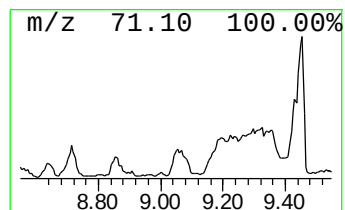
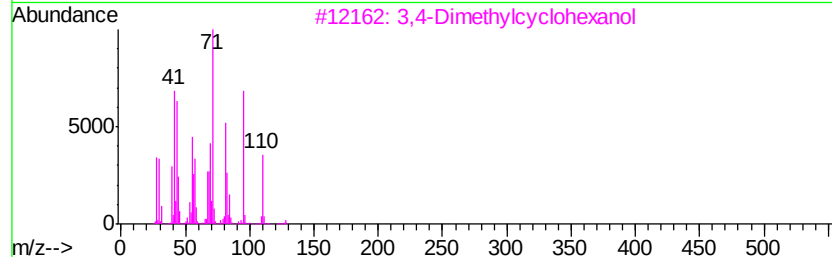
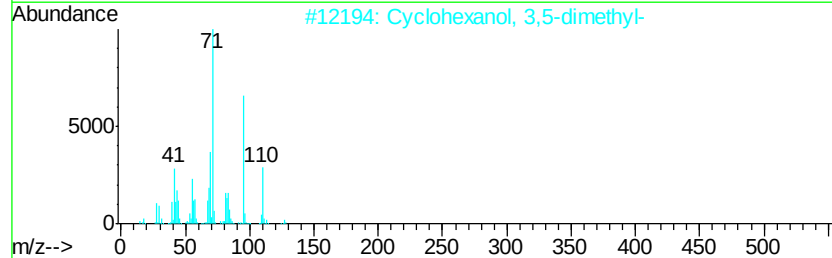
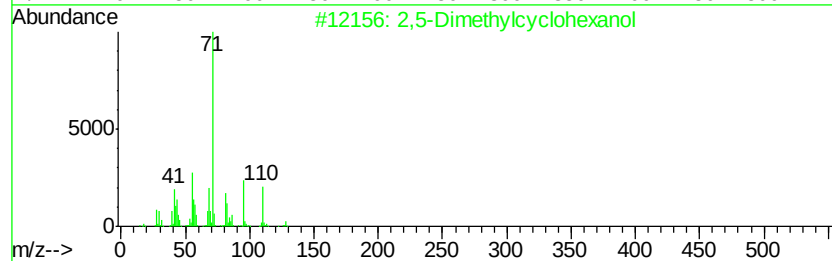
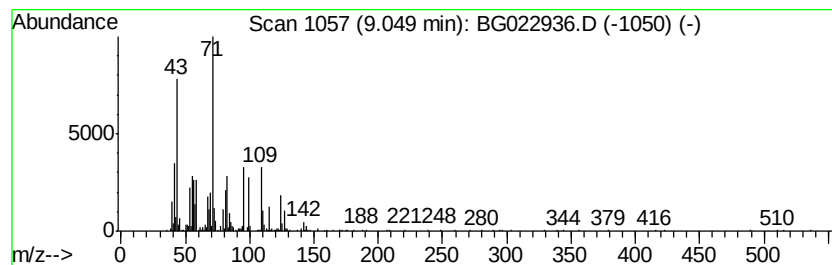
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Peak Number 4 unknown9.05 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	14.87 ng	1373280	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Dimethylcyclohexanol	128	C8H16O	003809-32-3	46
2		Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	38
3		3,4-Dimethylcyclohexanol	128	C8H16O	005715-23-1	35
4		Z-1-Methoxy-2-hexene	114	C7H14O	1000279-60-9	30
5		2-Octen-4-ol	128	C8H16O	004798-61-2	25



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022936.D
Acq On : 8 Jul 2016 18:45
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0577

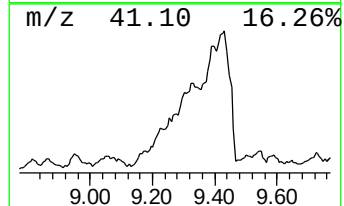
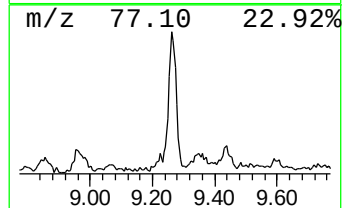
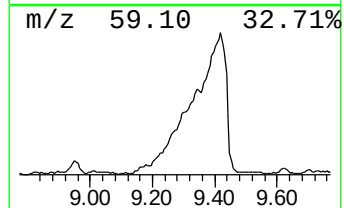
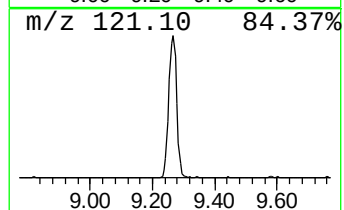
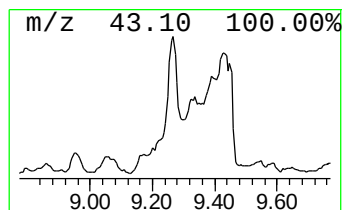
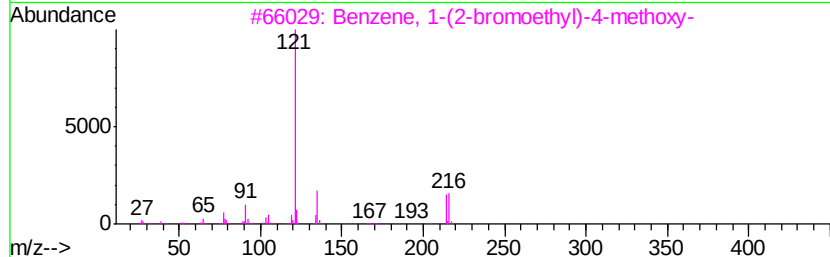
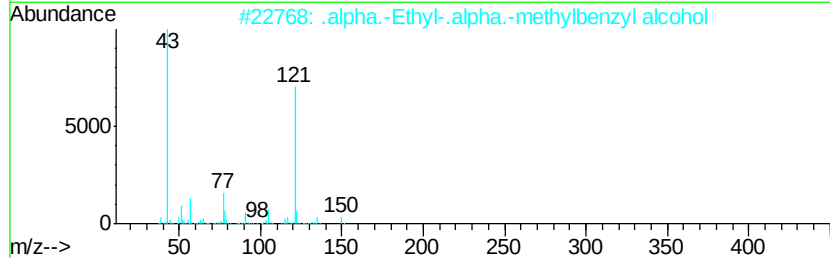
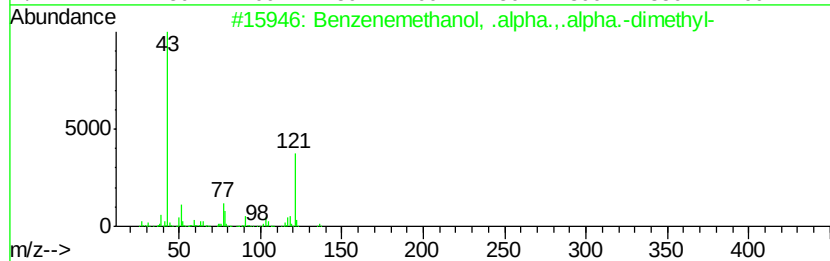
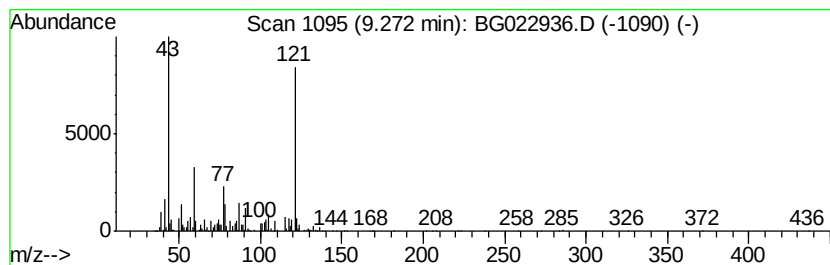
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzenemethanol, .alpha.,.a... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	18.00 ng	1663200	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	64
2		.alpha.-Ethyl-.alpha.-methylbenz...	150	C10H14O	001565-75-9	53
3		Benzene, 1-(2-bromoethyl)-4-meth...	214	C9H11BrO	014425-64-0	53
4		dl-2-Phenyl-1,2-propanediol	152	C9H12O2	004217-66-7	53
5		Benzeneacetic acid, .alpha.-meth...	166	C9H10O3	001701-77-5	50



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022936.D
Acq On : 8 Jul 2016 18:45
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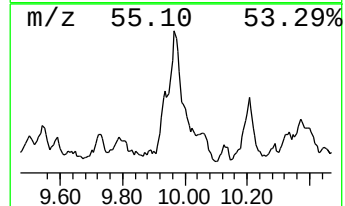
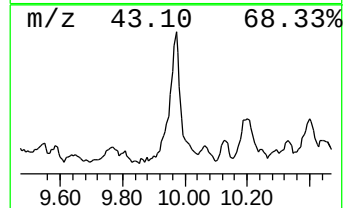
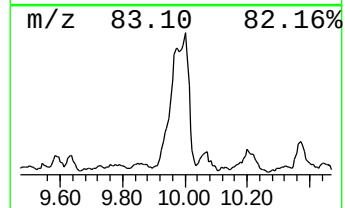
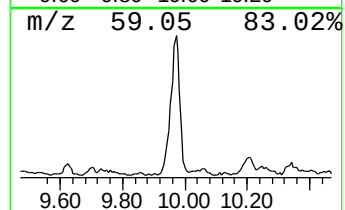
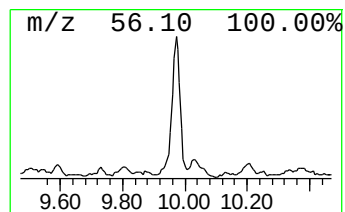
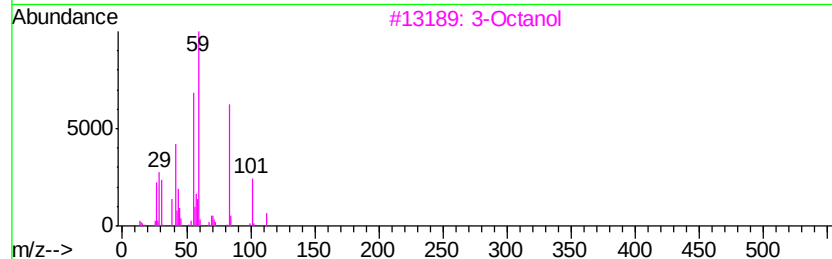
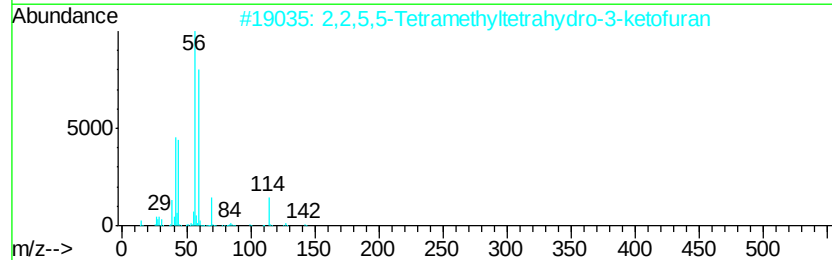
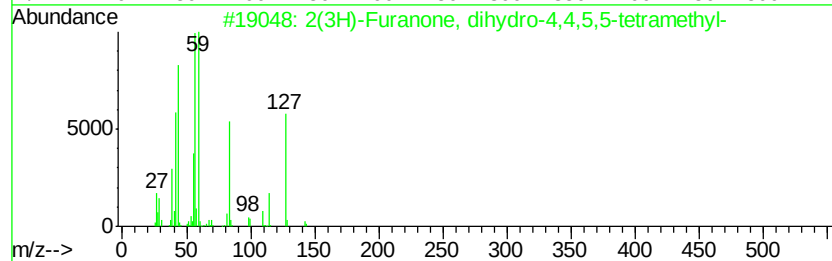
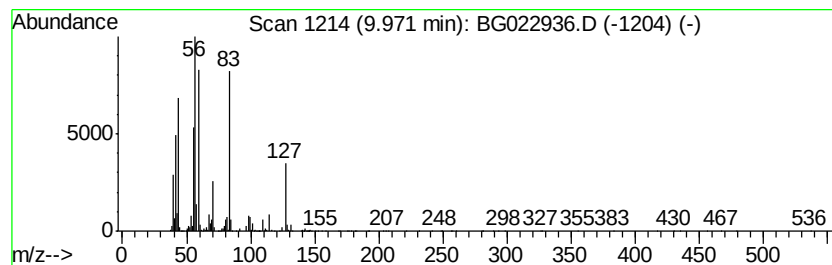
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2(3H)-Furanone, dihydro-4,4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	25.03 ng	4331770	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(3H)-Furanone, dihydro-4,4,5,5-...	142	C8H14O2	016466-24-3	68
2		2,2,5,5-Tetramethyltetrahydro-3-...	142	C8H14O2	005455-94-7	43
3		3-Octanol	130	C8H18O	000589-98-0	43
4		2-Chloro-2,4-dimethylpentane	134	C7H15Cl	035951-33-8	43
5		Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	25



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022936.D
Acq On : 8 Jul 2016 18:45
Operator : UM/SJ
Sample : H3853-01
Misc :
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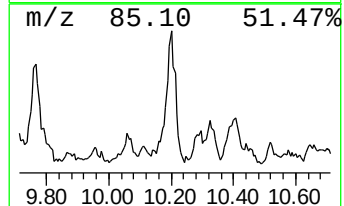
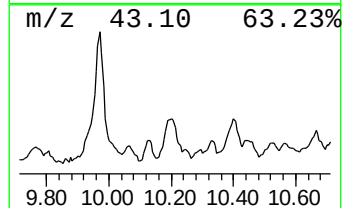
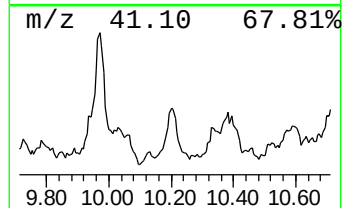
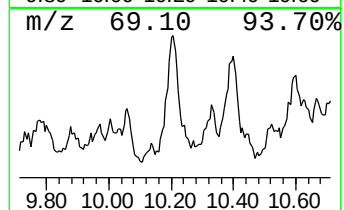
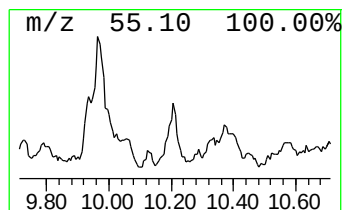
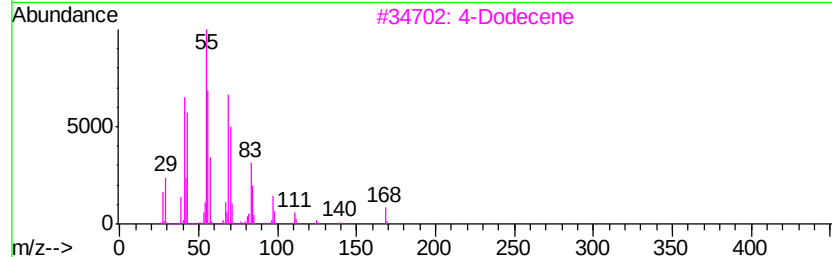
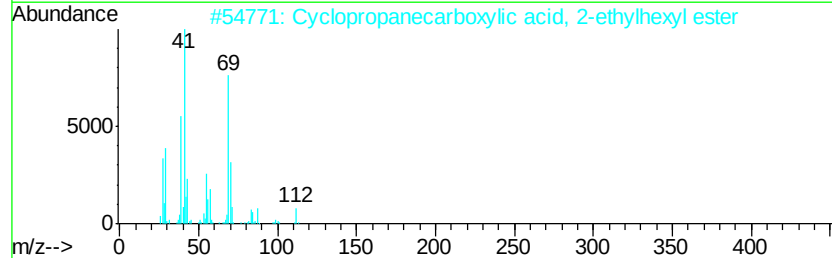
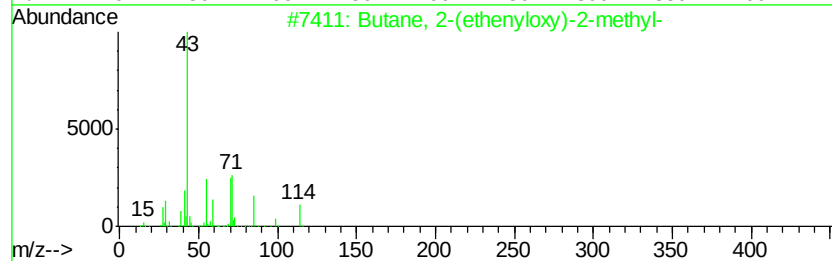
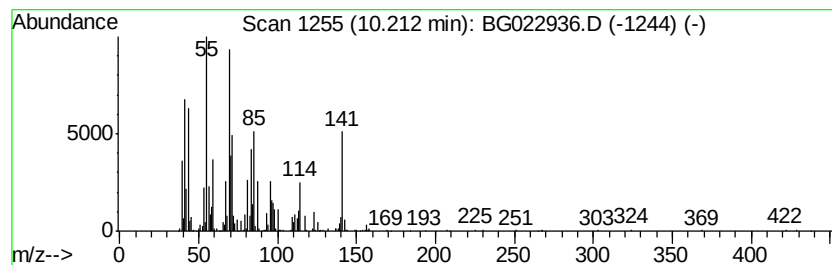
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.21 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	12.45 ng	2154360	Naphthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-(ethenvloxy)-2-methyl-	114	C7H14O	029281-39-8	27
2		Cyclopropanecarboxylic acid, 2-e...	198	C12H22O2	103604-31-5	27
3		4-Dodecene	168	C12H24	002030-84-4	27
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	25
5		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	22



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022936.D
Acq On : 8 Jul 2016 18:45
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Sample : H3853-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

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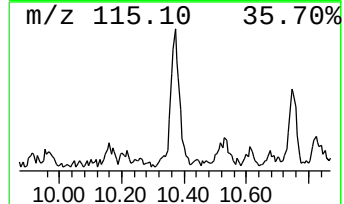
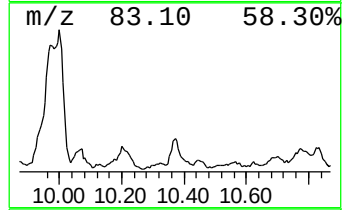
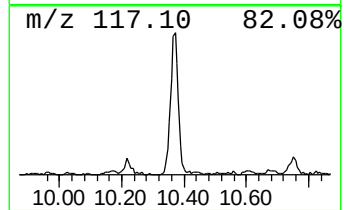
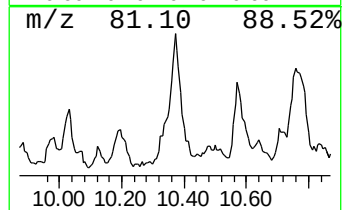
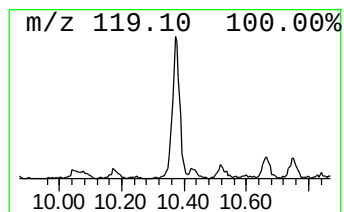
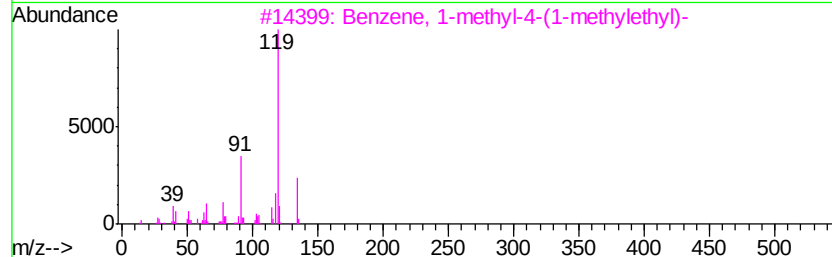
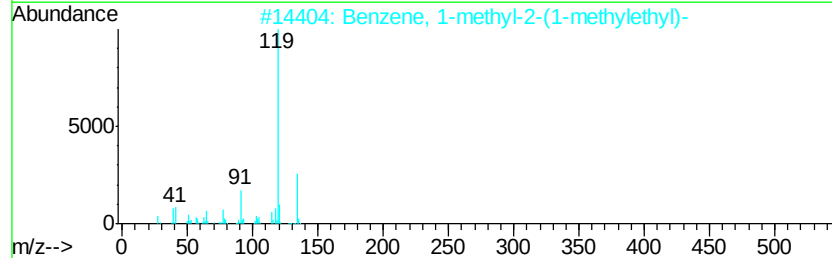
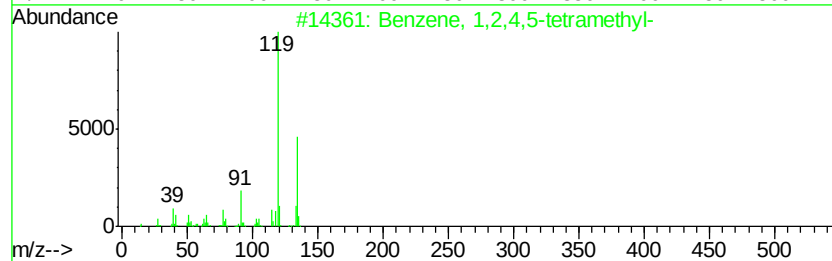
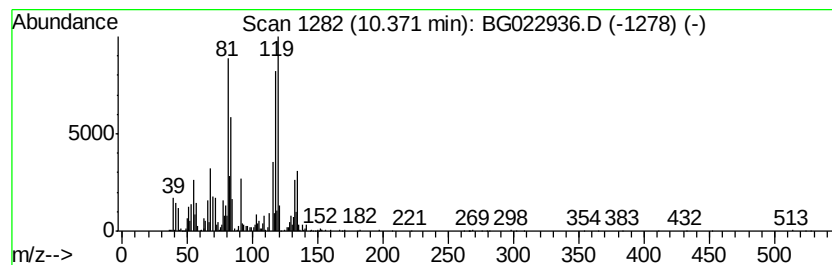
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.37 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	13.79 ng	2386230	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	35
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	35
4		Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	35
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	35



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022936.D
Acq On : 8 Jul 2016 18:45
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S8-0577

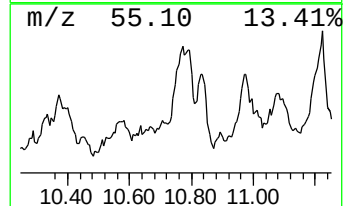
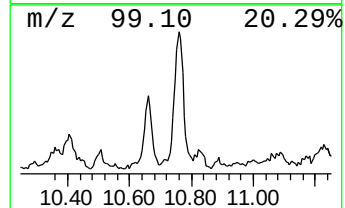
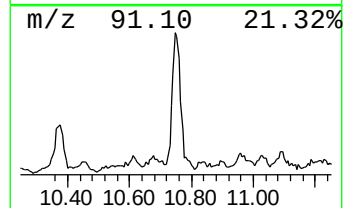
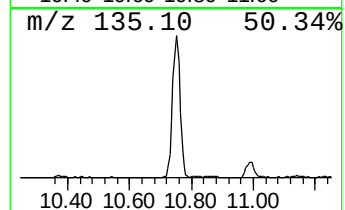
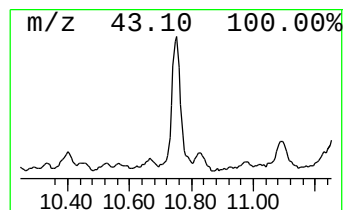
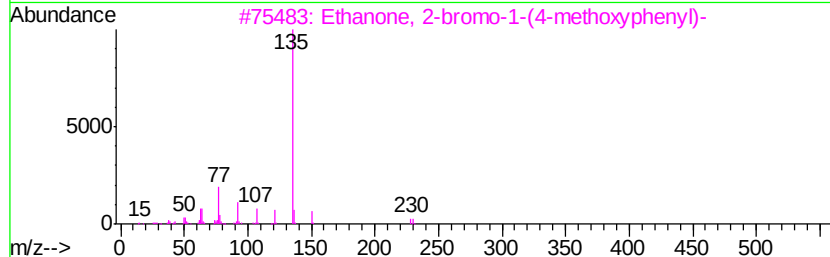
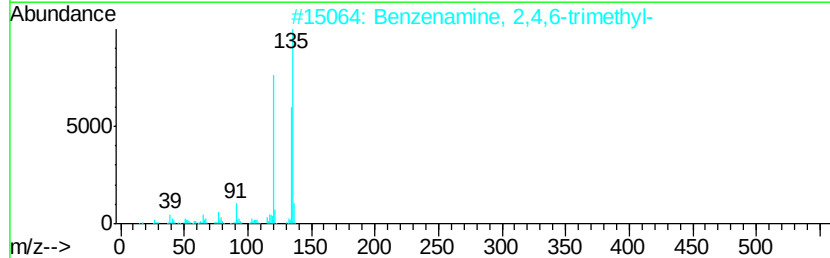
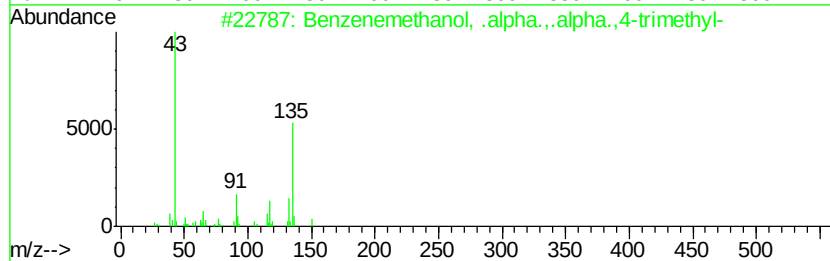
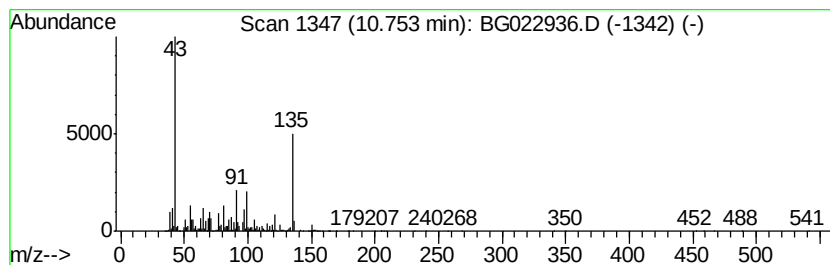
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown10.75 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	24.95 ng	4318240	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanol, .alpha.,.alpha....	150	C10H14O	001197-01-9	43
2		Benzenamine, 2,4,6-trimethyl-	135	C9H13N	000088-05-1	38
3		Ethanone, 2-bromo-1-(4-methoxyph...	228	C9H9BrO2	002632-13-5	37
4		2'-Methoxy-N-methyl-2-oxo-2-phen...	325	C13H12F5N03	1000099-93-0	35
5		p-Methoxybenzoic acid, 3,5-diflu...	264	C14H10F2O3	1000292-64-7	35



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022936.D
Acq On : 8 Jul 2016 18:45
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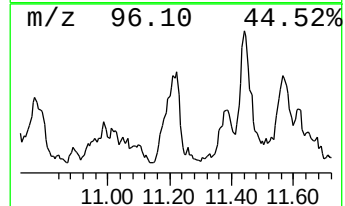
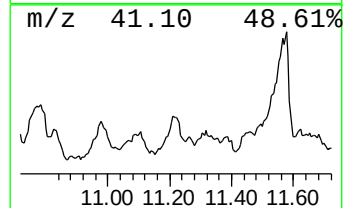
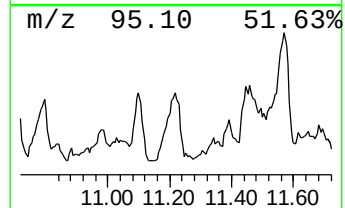
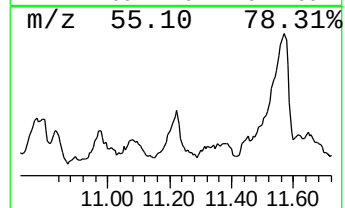
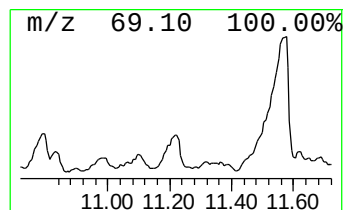
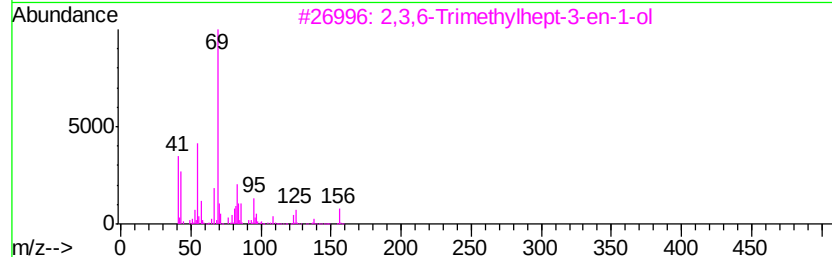
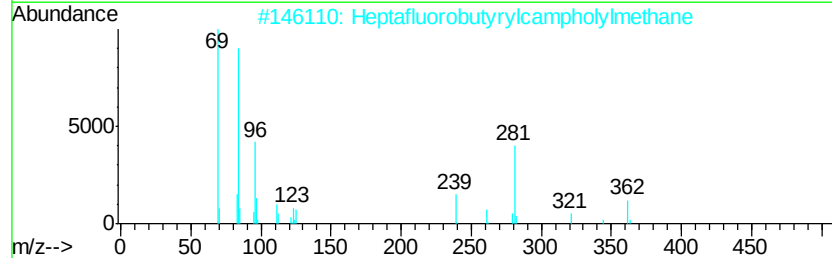
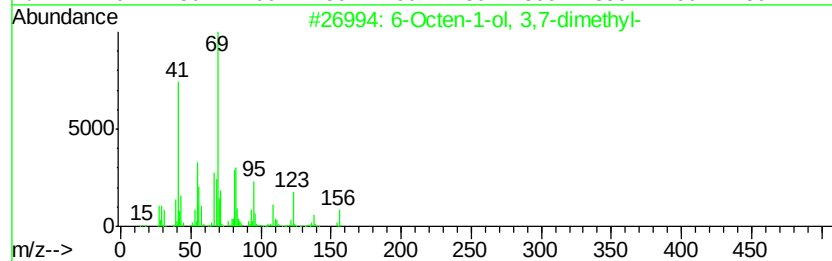
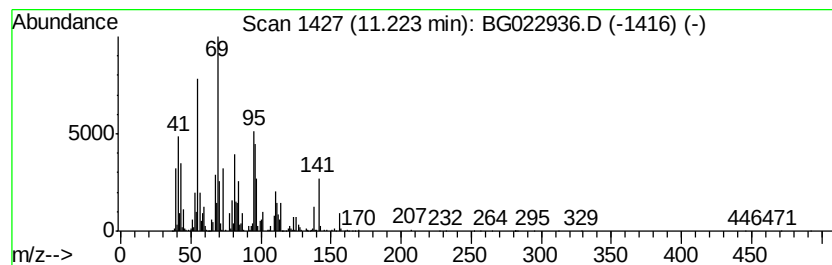
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.22 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	14.89 ng	2577090	Naphthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Octen-1-ol, 3,7-dimethyl-	156	C10H20O	000106-22-9	35
2		Heptafluorobutylcampholylmethane	364	C15H19F7O2	1000098-96-6	35
3		2,3,6-Trimethylhept-3-en-1-ol	156	C10H20O	1000111-56-8	35
4		Cyclopentylcarbonyl-urea	156	C7H12N2O2	089852-04-0	27
5		Pentanoic acid, 4-methyl-4-nitro...	175	C7H13NO4	016507-02-1	27



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022936.D
Acq On : 8 Jul 2016 18:45
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ALS Vial : 34 Sample Multiplier: 1

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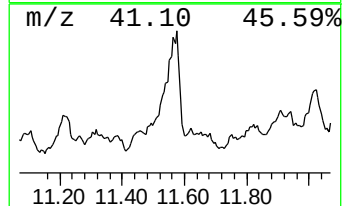
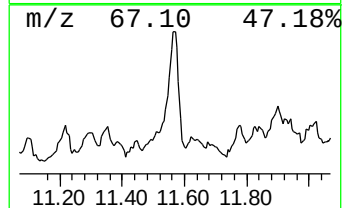
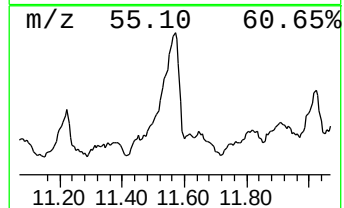
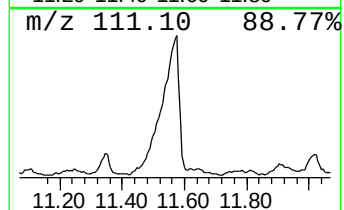
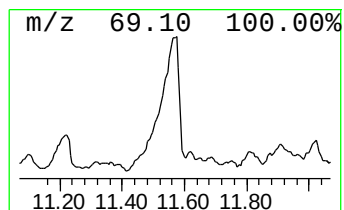
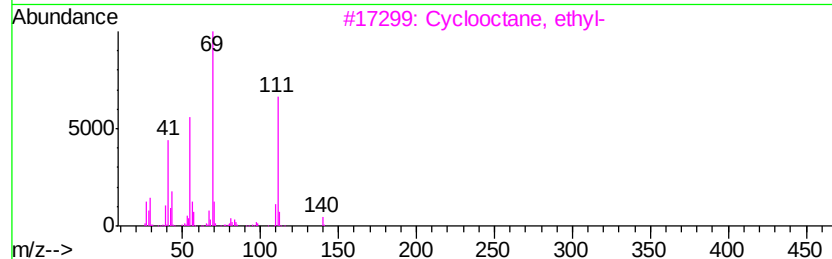
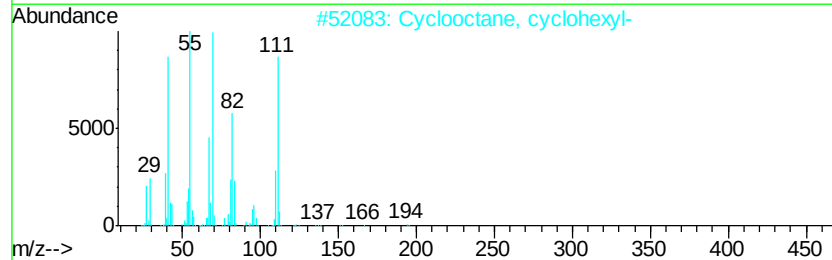
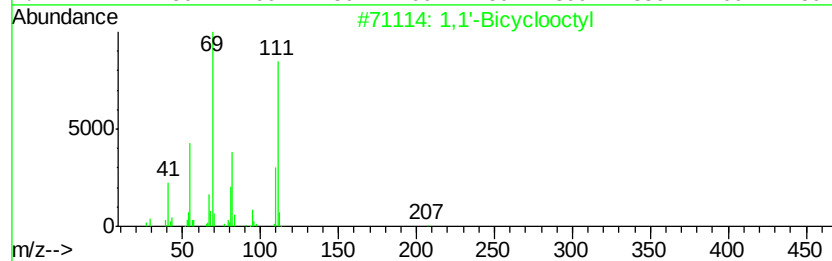
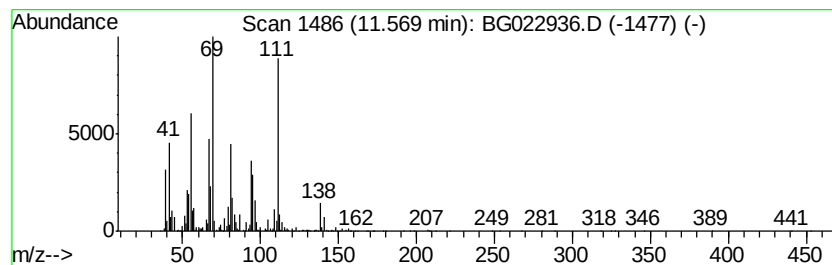
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	35.82 ng	6199900	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	47
2		Cyclooctane, cyclohexyl-	194	C14H26	092369-78-3	45
3		Cyclooctane, ethyl-	140	C10H20	013152-02-8	43
4		2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	43
5		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	43



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022936.D
Acq On : 8 Jul 2016 18:45
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0577

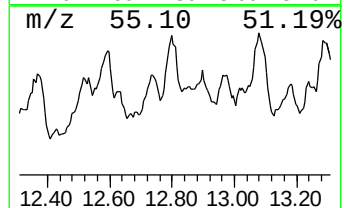
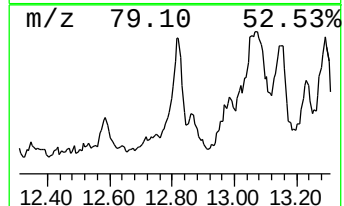
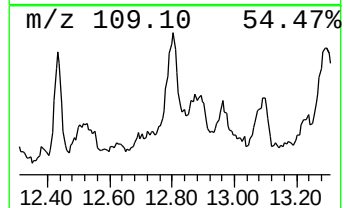
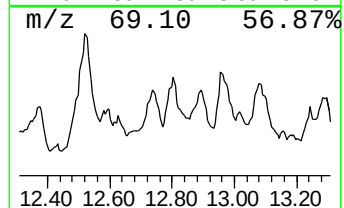
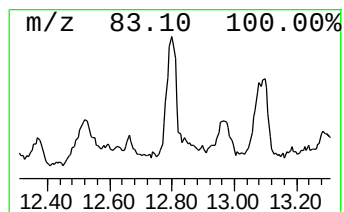
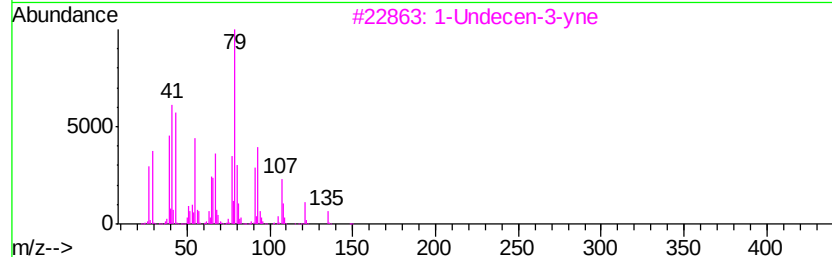
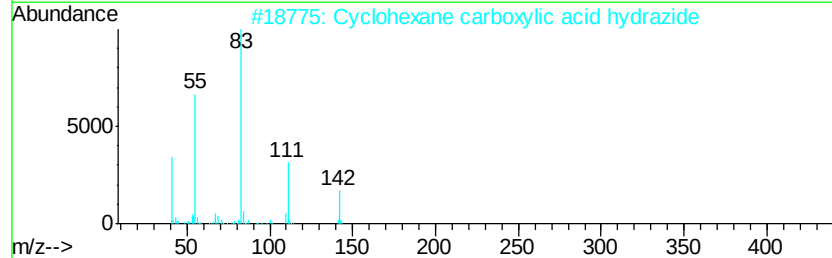
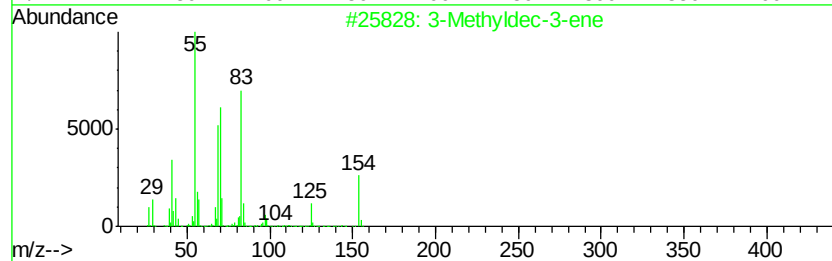
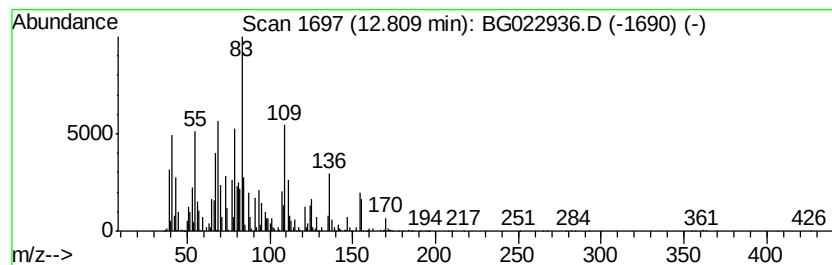
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.81 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	23.21 ng	4017490	Naphthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyldec-3-ene	154	C11H22	036969-75-2	25
2		Cyclohexane carboxylic acid hydr...	142	C7H14N2O	038941-47-8	25
3		1-Undecen-3-yne	150	C11H18	074744-28-8	25
4		1,4-Cyclooctadiene	108	C8H12	001073-07-0	25
5		Cyclohexanecarboxylic acid, 4-fo...	232	C14H16O3	146606-04-4	22



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
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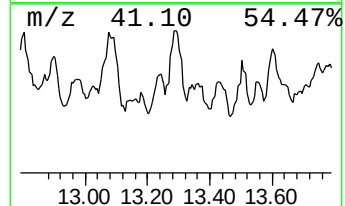
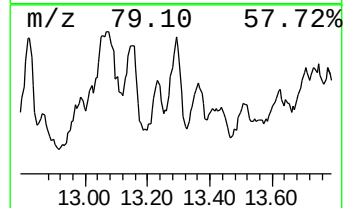
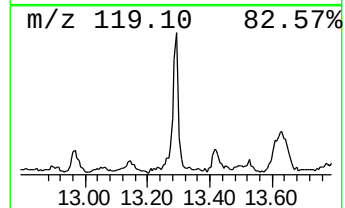
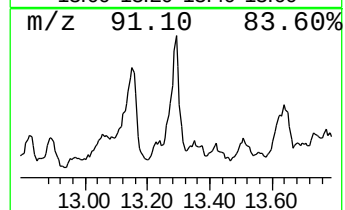
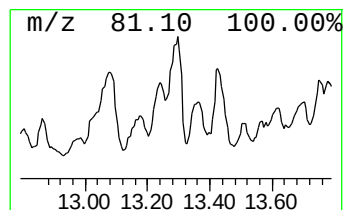
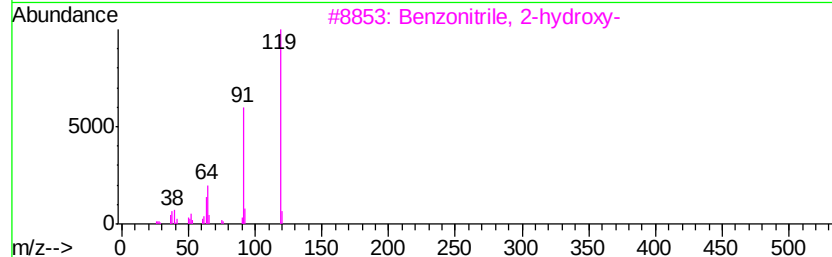
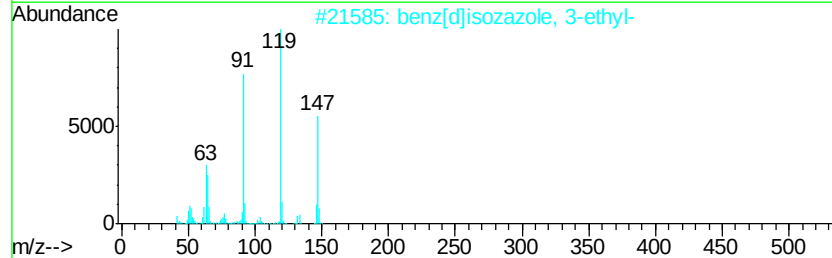
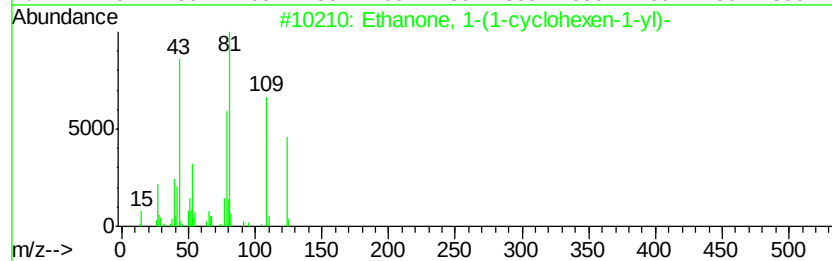
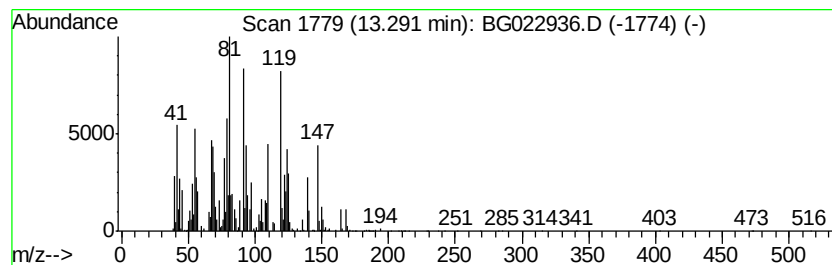
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown13.29 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	19.41 ng	5263370	Acenaphthene-d10	14.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethanone, 1-(1-cyclohexen-1-yl)-	124 C8H12O	000932-66-1 30
2		benz[d]isoxazole, 3-ethyl-	147 C9H9NO	066033-77-0 18
3		Benzonitrile, 2-hydroxy-	119 C7H5NO	000611-20-1 11
4		Cyclohexene,1-(2-propenyl)-	122 C9H14	013511-13-2 11
5		Benzeneacetic acid, .alpha.-ethyl-	164 C10H12O2	000090-27-7 11



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
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Sample : H3853-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

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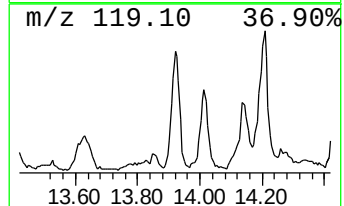
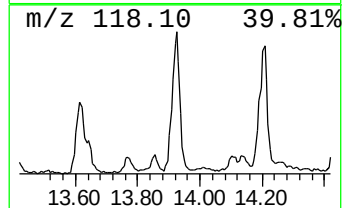
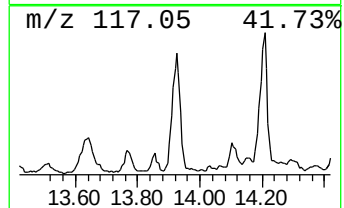
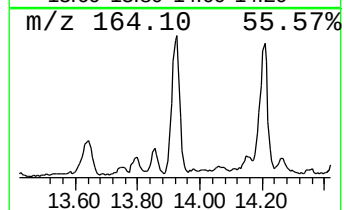
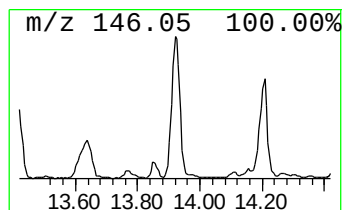
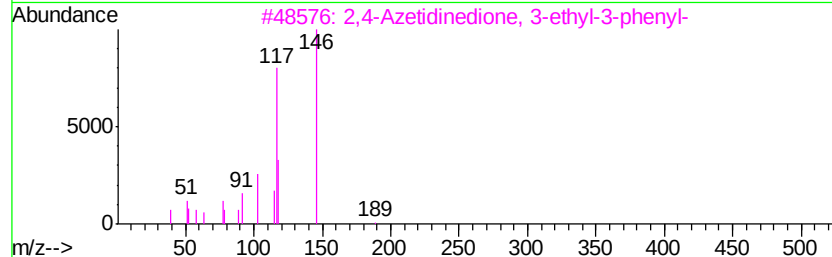
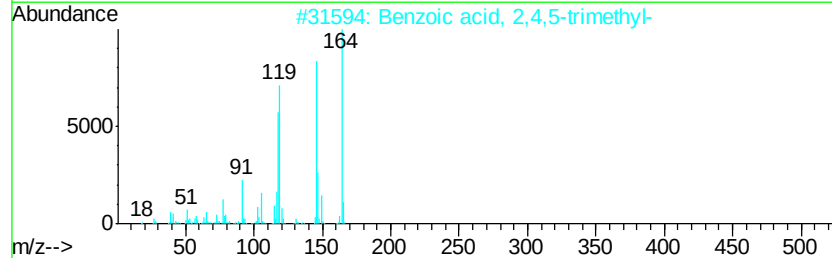
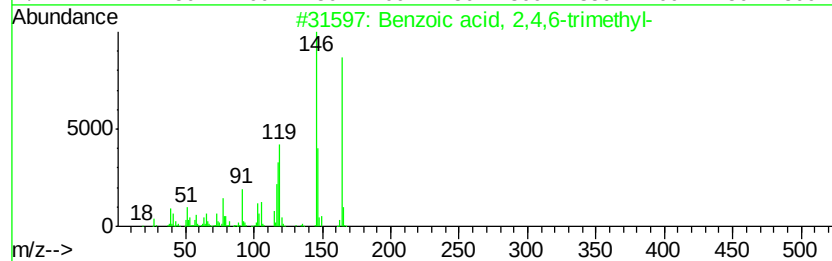
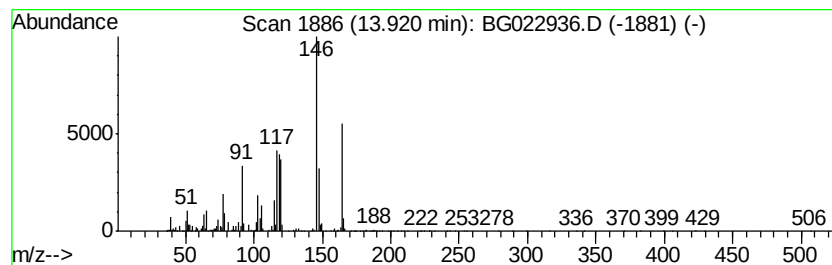
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	20.23 ng	5485180	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	87
2		Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	47
3		2,4-Azetidinedione, 3-ethyl-3-phenyl-	189	C11H11N02	042282-82-6	38
4		4-Oxazolecarboxylic acid, 4,5-di...	233	C13H15N03	037592-54-4	35
5		7-Methylindan-1-one	146	C10H10O	039627-61-7	32



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
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Operator : UM/SJ
Sample : H3853-01
Misc :
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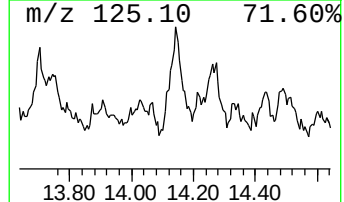
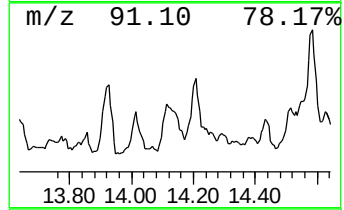
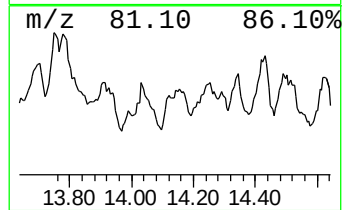
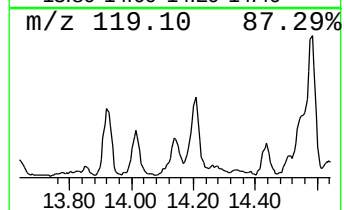
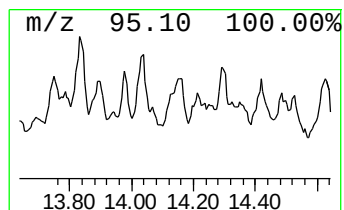
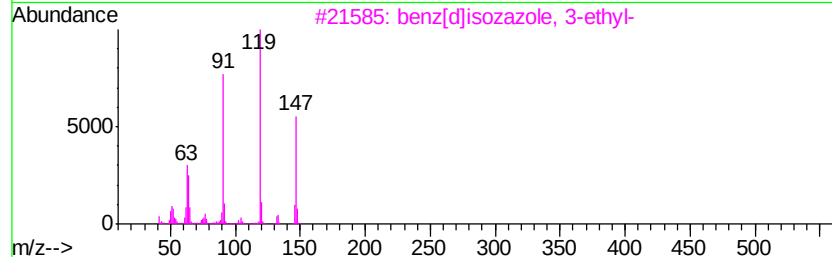
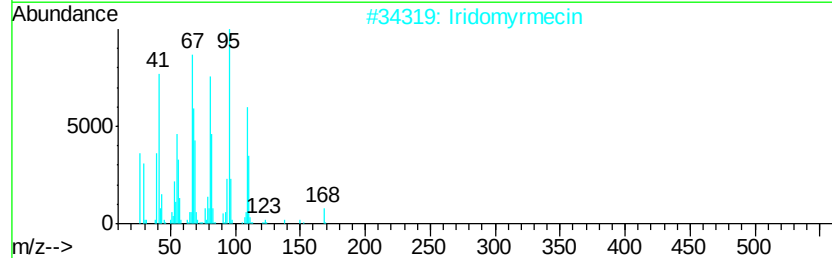
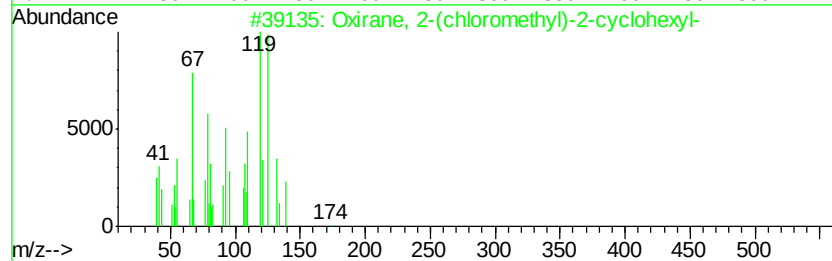
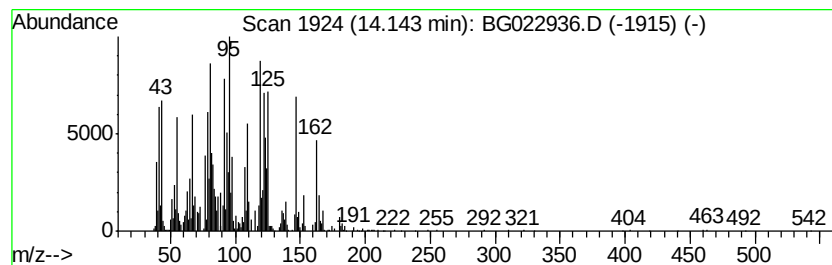
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown14.14 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.14	17.64 ng	4783600	Acenaphthene-d10	14.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-(chloromethyl)-2-cycl...	174	C9H15ClO	121505-39-3	22
2	Iridomyrmecin	168	C10H16O2	000485-43-8	22
3	benz[d]isozazole, 3-ethyl-	147	C9H9NO	066033-77-0	15
4	1H-1,5-Benzodiazepine, 2,3,4,5-t...	162	C10H14N2	040358-34-7	14
5	Methyl 5-methyl-2-ethenyl-cycloh...	182	C11H18O2	1000144-54-1	11



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022936.D
Acq On : 8 Jul 2016 18:45
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ClientSampleId :
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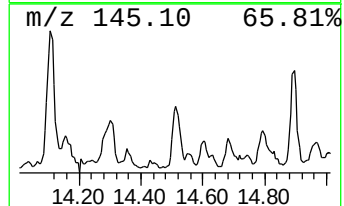
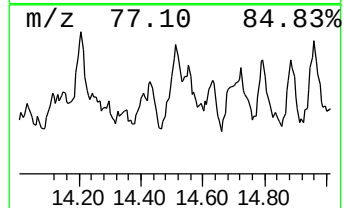
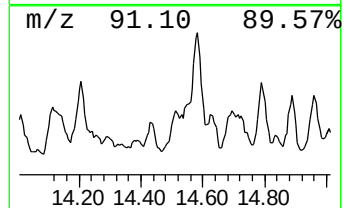
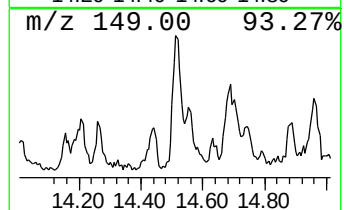
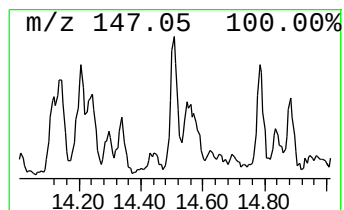
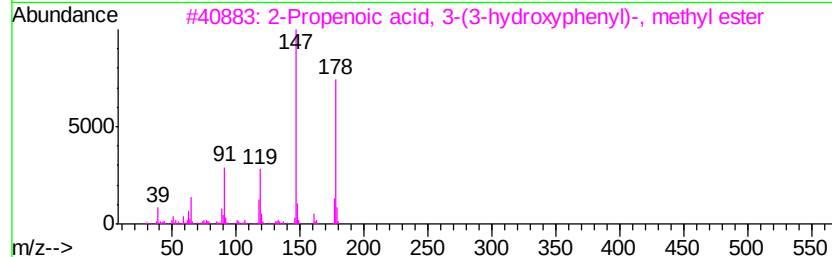
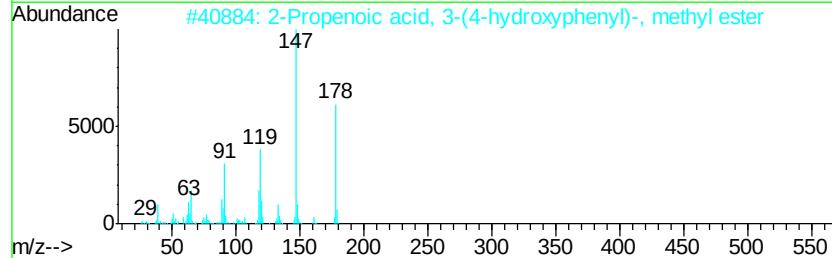
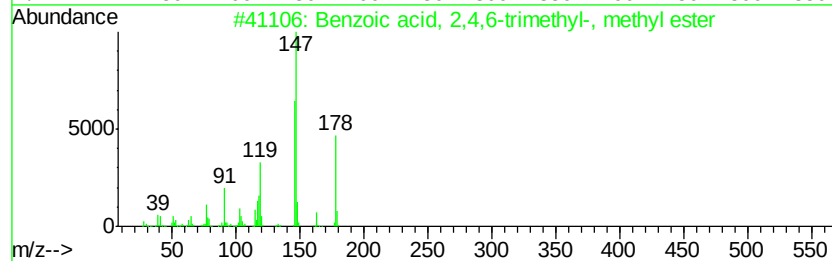
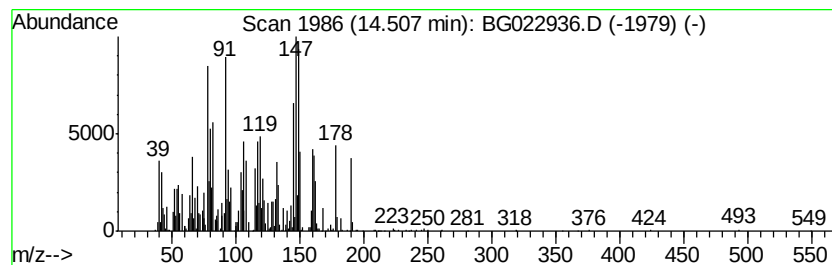
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown14.51 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	12.87 ng	3489270	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,4,6-trimethyl-, ...	178	C11H14O2	002282-84-0	25
2		2-Propenoic acid, 3-(4-hydroxyph...	178	C10H10O3	003943-97-3	25
3		2-Propenoic acid, 3-(3-hydroxyph...	178	C10H10O3	003943-95-1	25
4		Acetohydrazide, 2-(2-isopropyl-5...	310	C19H22N2O2	111303-67-4	22
5		Benzaldehyde, O-ethyloxime	149	C9H11NO	013858-87-2	22



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
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Misc :
ALS Vial : 34 Sample Multiplier: 1

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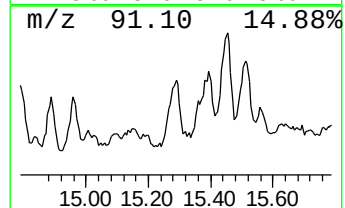
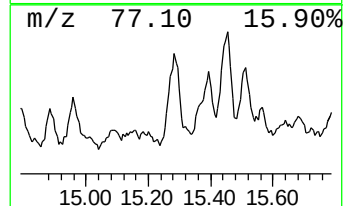
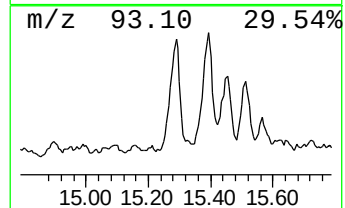
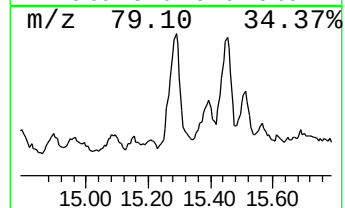
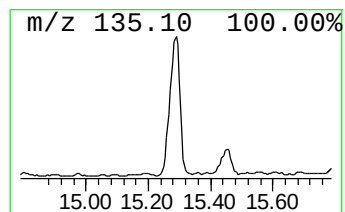
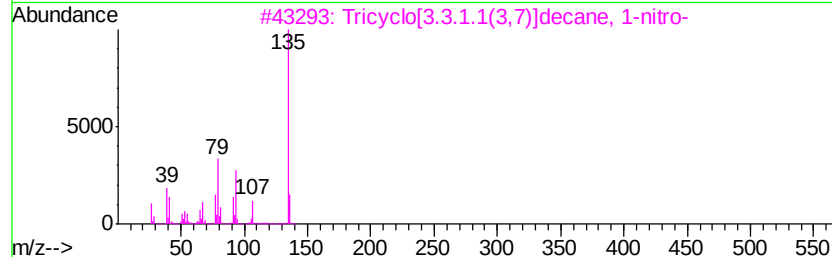
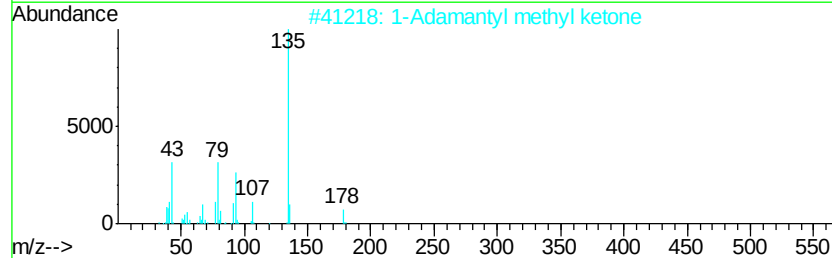
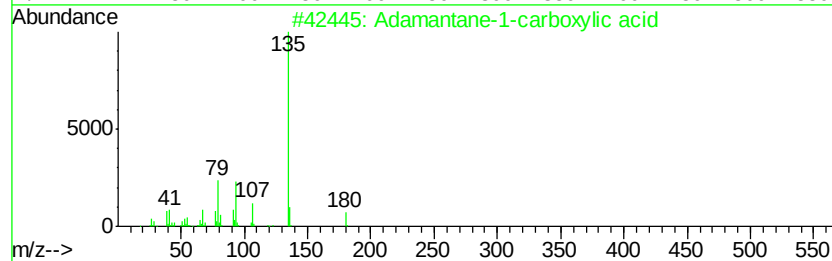
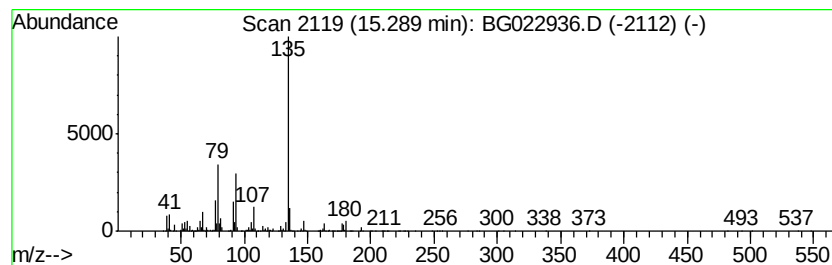
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Adamantane-1-carboxylic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	18.16 ng	4923990	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	95
2		1-Adamantyl methyl ketone	178	C12H18O	001660-04-4	93
3		Tricyclo[3.3.1.1(3,7)]decane, 1-...	181	C10H15NO2	007575-82-8	80
4		Tricyclo[3.3.1.1(3,7)]decane, 1-...	214	C10H15Br	000768-90-1	80
5		2-Iodoadamantane	262	C10H15I	018971-91-0	72



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
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Misc :
ALS Vial : 34 Sample Multiplier: 1

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ClientSampleId :
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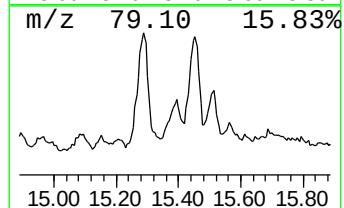
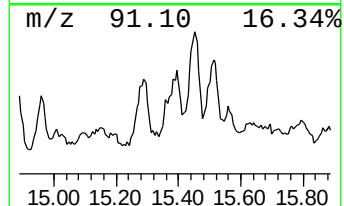
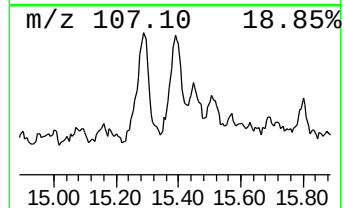
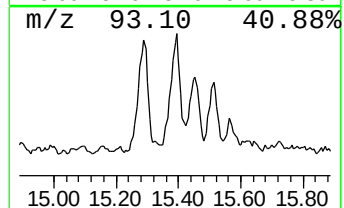
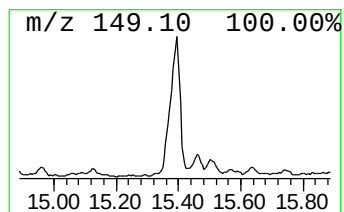
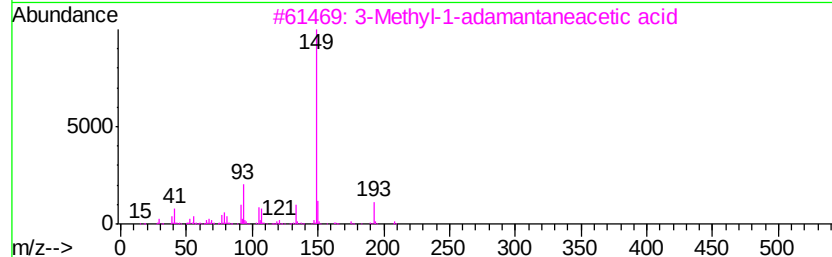
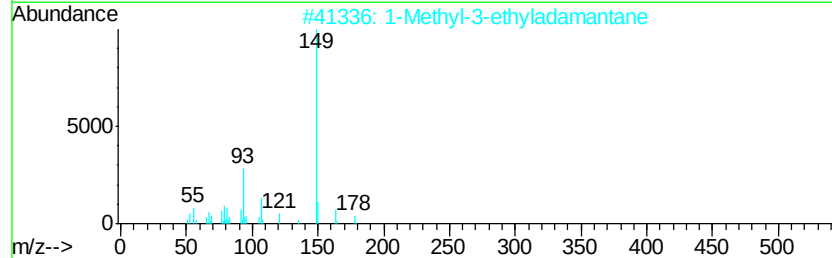
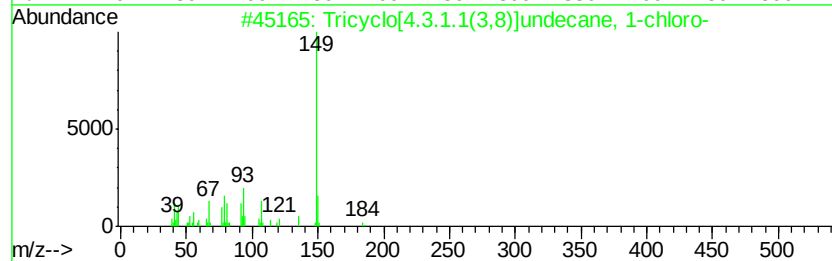
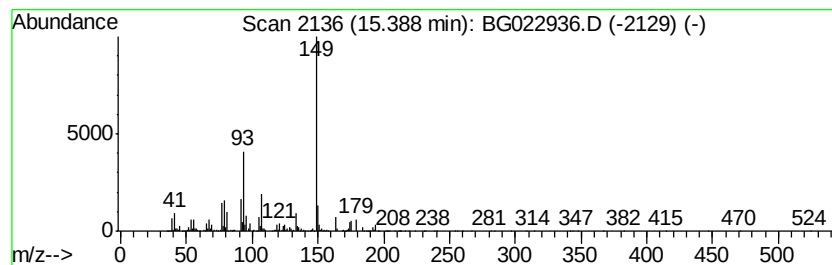
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tricyclo[4.3.1.1(3,8)]undec... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	15.46 ng	4191810	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	52
2		1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	50
3		3-Methyl-1-adamantaneacetic acid	208	C13H20O2	014202-13-2	50
4		5-(3-Methylbutyl)-2-pyridinecarb...	193	C11H15N02	049751-50-0	47
5		Cyclopentyl-methyl-phosphinic ac...	286	C16H31O2P	1000194-56-2	47



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022936.D
Acq On : 8 Jul 2016 18:45
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

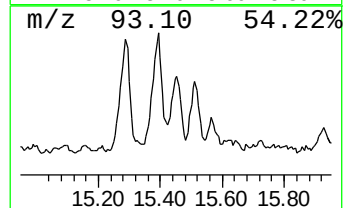
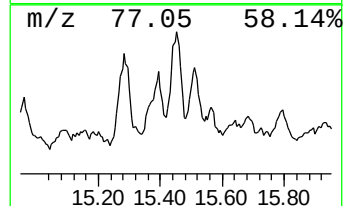
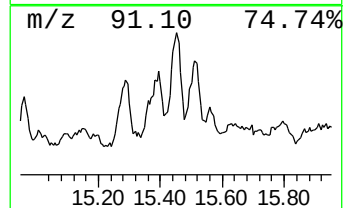
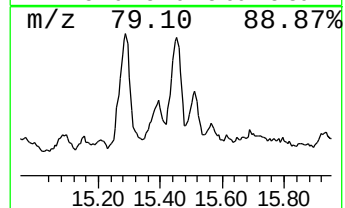
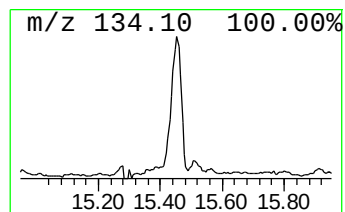
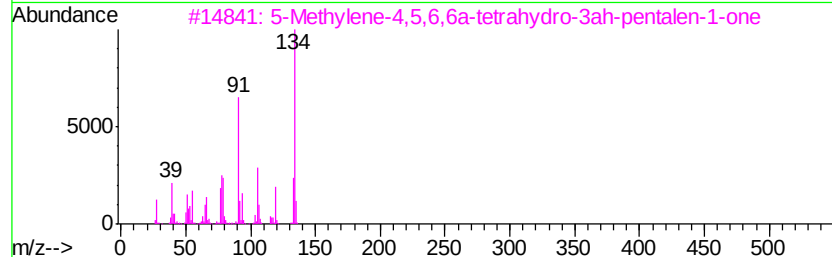
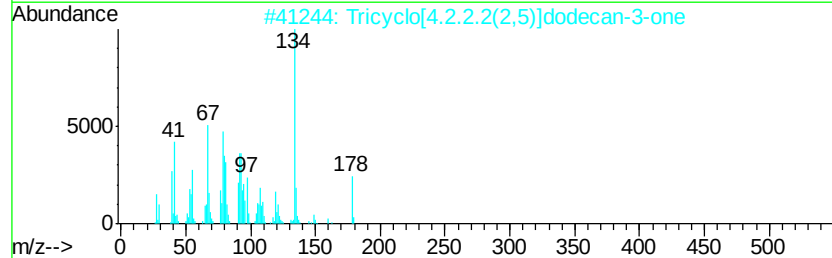
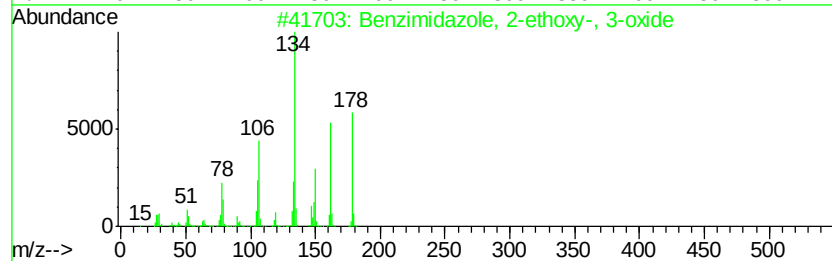
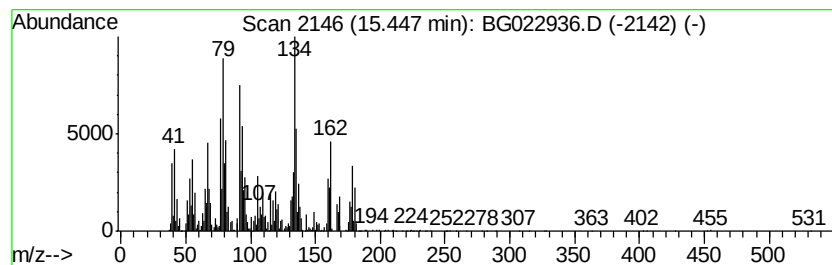
Instrument :
BNA_G
ClientSampleId :
S8-0577

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown15.45 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	22.77 ng	6175250	Acenaphthene-d10	14.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzimidazole, 2-ethoxy-, 3-oxide	178 C9H10N2O2	016007-57-1 38
2		Tricyclo[4.2.2.2(2,5)]dodecan-3-one	178 C12H18O	068177-17-3 38
3		5-Methylene-4,5,6,6a-tetrahydro-...	134 C9H10O	1000193-02-7 35
4		Cyclohexane, 1,3-butadienylidene-	134 C10H14	053864-08-7 25
5		2-Ethyl-6-isopropyl pyridine	149 C10H15N	074701-47-6 15



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022936.D
Acq On : 8 Jul 2016 18:45
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0577

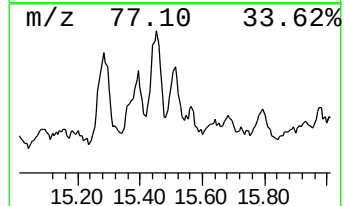
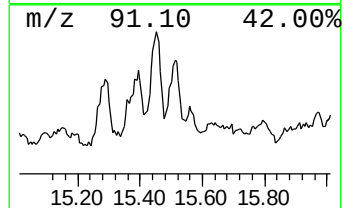
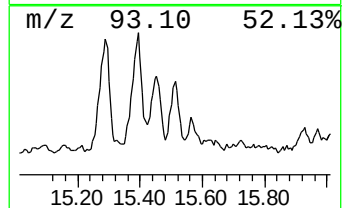
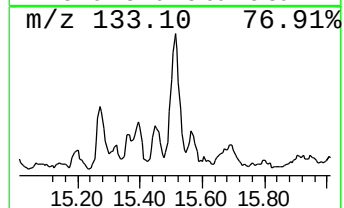
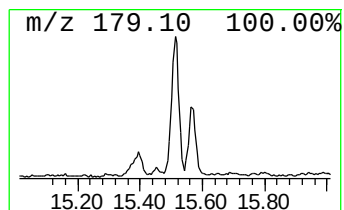
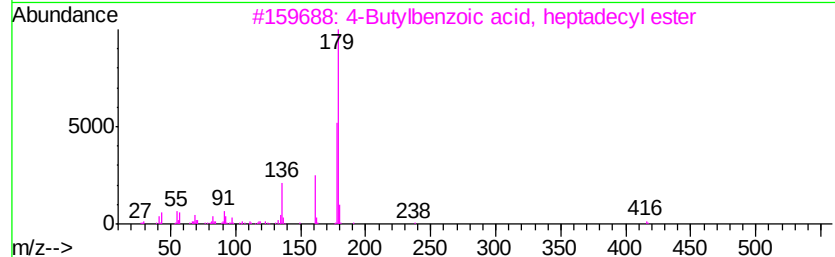
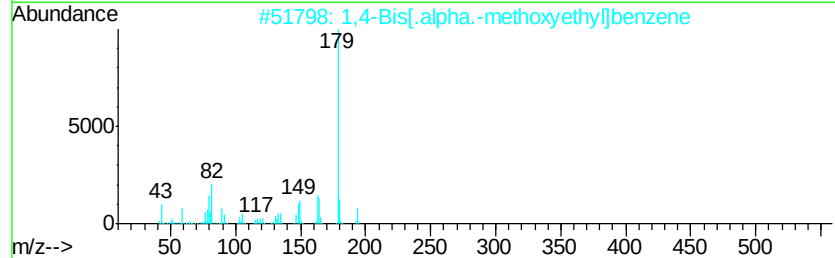
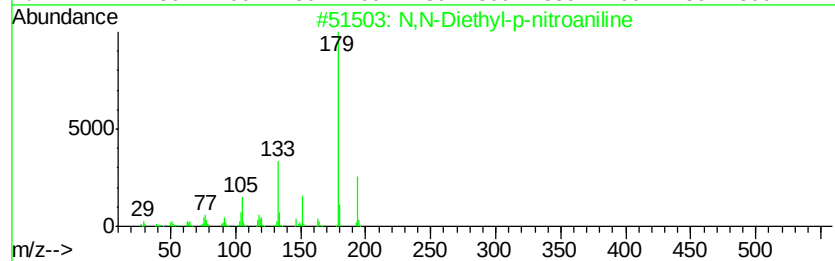
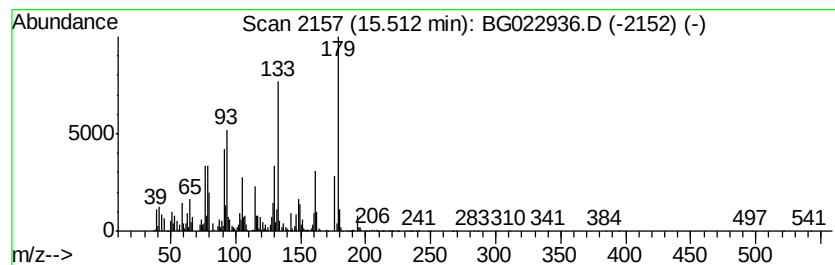
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown15.51 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	14.12 ng	3827980	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Diethyl-p-nitroaniline	194	C10H14N2O2	002216-15-1	46
2		1,4-Bis[.alpha.-methoxyethyl]ben...	194	C12H18O2	129770-42-9	25
3		4-Butylbenzoic acid, heptadecyl ...	416	C28H48O2	1000292-21-3	22
4		4-Butylbenzoic acid, hexadecyl e...	402	C27H46O2	1000292-32-9	22
5		4-Butylbenzoic acid, tetradecyl ...	374	C25H42O2	1000292-32-7	22



Data Path : V:\HPCHEM1\BNA_G\DATA\BG070916\
 Data File : BG022936.D
 Acq On : 8 Jul 2016 18:45
 Operator : UM/SJ
 Sample : H3853-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0577

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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
unknown7.69	7.69	48.5	ng	4483720	1	8.16	1847630	20.0
unknown8.41	8.41	13.9	ng	1282820	1	8.16	1847630	20.0
unknown9.05	9.05	14.9	ng	1373280	1	8.16	1847630	20.0
Benzenemethanol, ...	9.27	18.0	ng	1663200	1	8.16	1847630	20.0
2(3H)-Furanone, d...	9.97	25.0	ng	4331770	2	10.98	3461830	20.0
unknown10.21	10.21	12.4	ng	2154360	2	10.98	3461830	20.0
unknown10.37	10.37	13.8	ng	2386230	2	10.98	3461830	20.0
unknown10.75	10.75	24.9	ng	4318240	2	10.98	3461830	20.0
unknown11.22	11.22	14.9	ng	2577090	2	10.98	3461830	20.0
unknown11.57	11.57	35.8	ng	6199900	2	10.98	3461830	20.0
unknown12.81	12.81	23.2	ng	4017490	2	10.98	3461830	20.0
unknown13.29	13.29	19.4	ng	5263370	3	14.80	5423360	20.0
Benzoic acid, 2,4...	13.92	20.2	ng	5485180	3	14.80	5423360	20.0
unknown14.14	14.14	17.6	ng	4783600	3	14.80	5423360	20.0
unknown14.51	14.51	12.9	ng	3489270	3	14.80	5423360	20.0
Adamantane-1-carb...	15.29	18.2	ng	4923990	3	14.80	5423360	20.0
Tricyclo[4.3.1.1(...	15.39	15.5	ng	4191810	3	14.80	5423360	20.0
unknown15.45	15.45	22.8	ng	6175250	3	14.80	5423360	20.0
unknown15.51	15.51	14.1	ng	3827980	3	14.80	5423360	20.0