

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
 Data File : BG021196.D
 Acq On : 1 Mar 2016 23:03
 Operator : UM/SJ
 Sample : H1565-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-4(2.5-5)20160223

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-BG022916.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	3.060	32	38	56	rBV	1906112	2685226	100.00%	10.934%
2	4.412	262	268	276	rBV	42832	65127	2.43%	0.265%
3	5.234	401	408	419	rVB	74488	132124	4.92%	0.538%
4	5.704	481	488	495	rVB	362145	590704	22.00%	2.405%
5	5.798	495	504	509	rBV2	49771	142941	5.32%	0.582%
6	5.904	517	522	534	rVB	37538	68854	2.56%	0.280%
7	6.145	556	563	570	rVB3	110013	218810	8.15%	0.891%
8	6.404	601	607	615	rBV3	42454	85557	3.19%	0.348%
9	6.609	636	642	651	rBV3	35831	73150	2.72%	0.298%
10	6.774	665	670	678	rVB4	33881	77414	2.88%	0.315%
11	7.126	725	730	735	rVV	300474	482903	17.98%	1.966%
12	7.179	735	739	743	rVV	59539	85515	3.18%	0.348%
13	7.226	743	747	752	rVV	91151	141044	5.25%	0.574%
14	7.297	752	759	765	rVV	447890	800065	29.80%	3.258%
15	7.361	765	770	779	rVB	116754	219499	8.17%	0.894%
16	7.473	779	789	794	rBV	52908	103150	3.84%	0.420%
17	7.679	817	824	833	rVB3	391482	721456	26.87%	2.938%
18	7.755	833	837	840	rVV	107152	161526	6.02%	0.658%
19	7.790	840	843	849	rVB	143951	209016	7.78%	0.851%
20	8.119	892	899	908	rVB	290940	499368	18.60%	2.033%
21	8.266	919	924	930	rBV2	132492	215600	8.03%	0.878%
22	8.372	937	942	949	rBV	303915	528617	19.69%	2.153%
23	8.472	954	959	965	rVB	227684	397063	14.79%	1.617%
24	8.624	980	985	989	rBV2	87577	161450	6.01%	0.657%
25	8.683	989	995	1007	rVB2	314532	765695	28.52%	3.118%
26	8.813	1007	1017	1025	rBV2	276796	703184	26.19%	2.863%
27	8.901	1025	1032	1037	rBV3	62182	120666	4.49%	0.491%
28	9.024	1044	1053	1056	rBV	138297	275312	10.25%	1.121%
29	9.159	1070	1076	1082	rBV4	54433	134822	5.02%	0.549%
30	9.253	1087	1092	1097	rVV2	155055	254450	9.48%	1.036%
31	9.318	1097	1103	1107	rVV	209061	427614	15.92%	1.741%
32	9.365	1108	1111	1122	rVB	143311	279895	10.42%	1.140%
33	9.500	1122	1134	1142	rBV10	45778	162598	6.06%	0.662%
34	9.594	1142	1150	1151	rBV2	42179	77386	2.88%	0.315%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
 Data File : BG021196.D
 Acq On : 1 Mar 2016 23:03
 Operator : UM/SJ
 Sample : H1565-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-4(2.5-5)20160223

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-BG022916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.717	1165	1171	1176	rVB	75470	126505	4.71%	0.515%
36	9.776	1176	1181	1186	rBV2	81314	132862	4.95%	0.541%
37	9.835	1186	1191	1195	rBV	85709	136584	5.09%	0.556%
38	10.035	1216	1225	1228	rBV3	60795	138515	5.16%	0.564%
39	10.076	1228	1232	1237	rVB2	75561	116701	4.35%	0.475%
40	10.146	1237	1244	1249	rBV2	85364	164607	6.13%	0.670%
41	10.217	1249	1256	1263	rVB4	146720	294904	10.98%	1.201%
42	10.287	1263	1268	1272	rBV4	62293	139092	5.18%	0.566%
43	10.352	1273	1279	1285	rVB4	174577	361951	13.48%	1.474%
44	10.416	1285	1290	1294	rBV2	109146	150554	5.61%	0.613%
45	10.464	1294	1298	1303	rVB	50666	79381	2.96%	0.323%
46	10.528	1303	1309	1315	rVB3	86366	170780	6.36%	0.695%
47	10.616	1316	1324	1328	rBV	172904	316318	11.78%	1.288%
48	10.840	1353	1362	1365	rBV6	34803	96446	3.59%	0.393%
49	10.910	1369	1374	1380	rBV3	133639	306671	11.42%	1.249%
50	11.098	1403	1406	1412	rVB	65649	97433	3.63%	0.397%
51	11.163	1412	1417	1424	rBV2	101777	183302	6.83%	0.746%
52	11.357	1447	1450	1457	rVB2	53183	96624	3.60%	0.393%
53	11.427	1457	1462	1469	rVB4	28963	65164	2.43%	0.265%
54	11.656	1496	1501	1506	rVV4	76043	158500	5.90%	0.645%
55	11.774	1516	1521	1529	rVB4	63640	167948	6.25%	0.684%
56	11.850	1529	1534	1541	rBV5	91774	201130	7.49%	0.819%
57	11.950	1548	1551	1555	rVV	40671	64415	2.40%	0.262%
58	12.050	1563	1568	1574	rVB3	62076	103789	3.87%	0.423%
59	12.156	1579	1586	1590	rBV6	55543	136353	5.08%	0.555%
60	12.344	1611	1618	1623	rBV3	124031	216319	8.06%	0.881%
61	12.426	1630	1632	1644	rVB	51603	129341	4.82%	0.527%
62	12.555	1646	1654	1657	rBV7	32760	79053	2.94%	0.322%
63	12.596	1657	1661	1670	rVB3	53315	108310	4.03%	0.441%
64	12.696	1672	1678	1682	rBV6	32974	71107	2.65%	0.290%
65	12.743	1682	1686	1691	rBV3	37153	81514	3.04%	0.332%
66	12.825	1696	1700	1707	rVV2	125622	201323	7.50%	0.820%
67	12.896	1707	1712	1717	rVB5	44412	66753	2.49%	0.272%
68	13.113	1745	1749	1756	rBV6	39171	68514	2.55%	0.279%
69	13.231	1765	1769	1775	rBV5	35859	66398	2.47%	0.270%
70	13.384	1790	1795	1801	rVB	508517	761858	28.37%	3.102%
71	13.566	1819	1826	1834	rBV	57478	107324	4.00%	0.437%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
 Data File : BG021196.D
 Acq On : 1 Mar 2016 23:03
 Operator : UM/SJ
 Sample : H1565-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-4(2.5-5)20160223

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-BG022916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.689	1835	1847	1852	rVB5	33817	101043	3.76%	0.411%
73	13.918	1883	1886	1897	rVB8	23637	66996	2.49%	0.273%
74	14.077	1905	1913	1918	rBV5	28397	70347	2.62%	0.286%
75	14.200	1929	1934	1941	rVB	77413	123909	4.61%	0.505%
76	14.318	1949	1954	1965	rVB6	27769	73203	2.73%	0.298%
77	14.629	2002	2007	2016	rBV2	39272	66655	2.48%	0.271%
78	14.753	2023	2028	2035	rBV3	123895	216086	8.05%	0.880%
79	15.575	2164	2168	2172	rVB2	47430	67911	2.53%	0.277%
80	16.233	2274	2280	2287	rVB	347332	534217	19.89%	2.175%
81	17.491	2488	2494	2497	rBV	135216	211218	7.87%	0.860%
82	17.532	2497	2501	2507	rVB	229590	344343	12.82%	1.402%
83	18.354	2636	2641	2646	rBV2	71421	118803	4.42%	0.484%
84	18.407	2646	2650	2657	rVV	58327	96131	3.58%	0.391%
85	18.554	2669	2675	2679	rVV2	59226	129039	4.81%	0.525%
86	19.265	2790	2796	2801	rBV3	41365	76077	2.83%	0.310%
87	19.529	2835	2841	2847	rVB	395366	550946	20.52%	2.243%
88	19.858	2891	2897	2898	rBV2	62872	95063	3.54%	0.387%
89	19.888	2898	2902	2909	rVV	358740	554185	20.64%	2.257%
90	20.082	2929	2935	2940	rBV	800035	1058107	39.40%	4.309%
91	20.211	2951	2957	2965	rBV4	28886	74017	2.76%	0.301%
92	20.375	2981	2985	2990	rVB2	57573	84545	3.15%	0.344%
93	21.474	3168	3172	3181	rVB3	33816	64657	2.41%	0.263%
94	21.621	3193	3197	3204	rVB2	53744	84534	3.15%	0.344%
95	21.739	3211	3217	3224	rBV3	195306	533059	19.85%	2.171%
96	21.797	3224	3227	3236	rVB	145434	235893	8.78%	0.961%
97	23.989	3592	3600	3606	rBV2	88916	287343	10.70%	1.170%
98	24.717	3718	3724	3735	rVB	57224	177229	6.60%	0.722%
99	24.870	3742	3750	3761	rBV	81222	232462	8.66%	0.947%
100	25.029	3769	3777	3784	rBV2	73239	197275	7.35%	0.803%

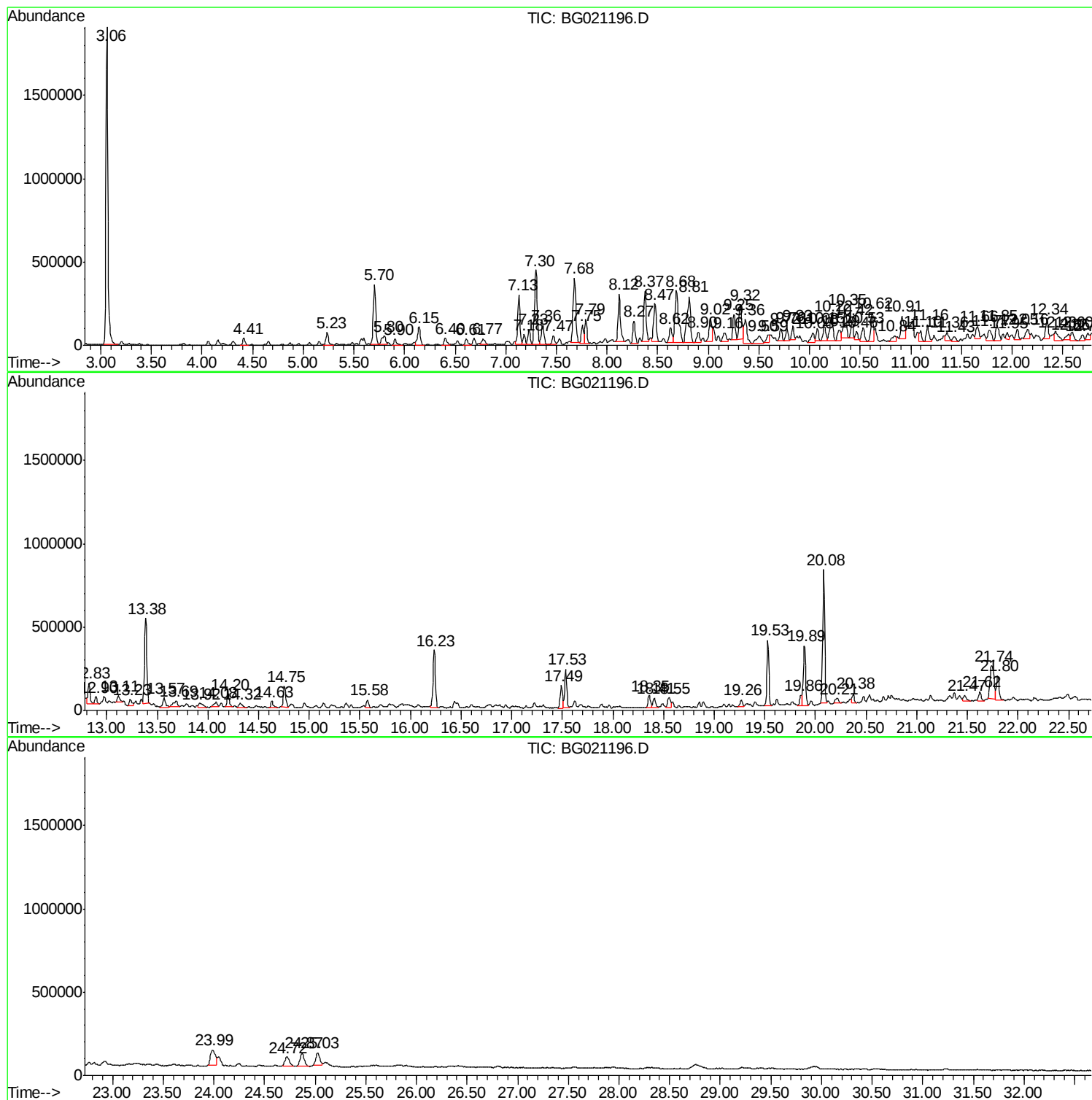
Sum of corrected areas: 24557437

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.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\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

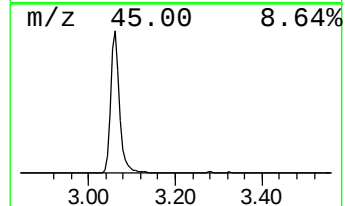
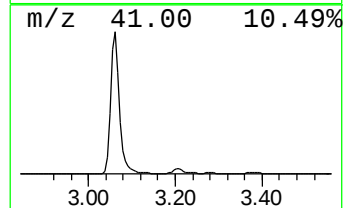
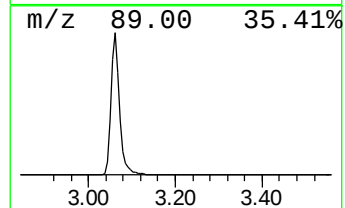
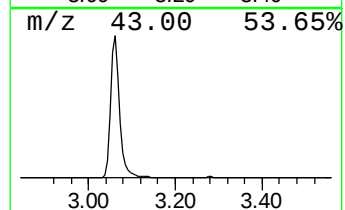
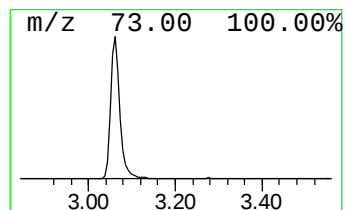
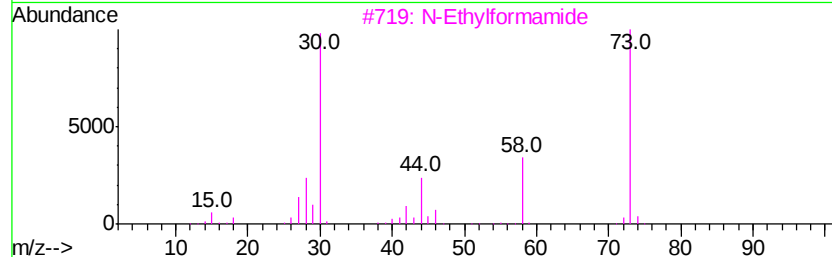
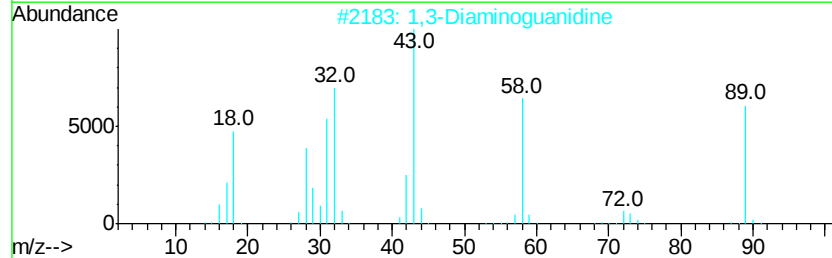
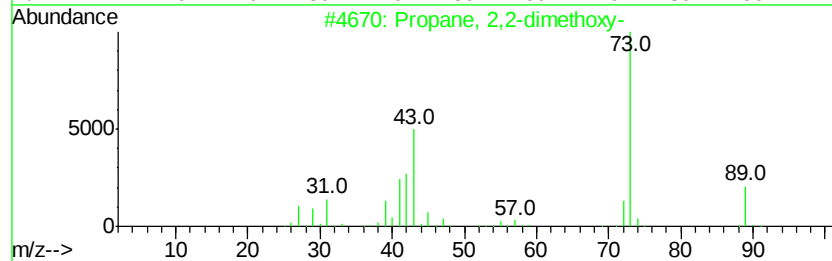
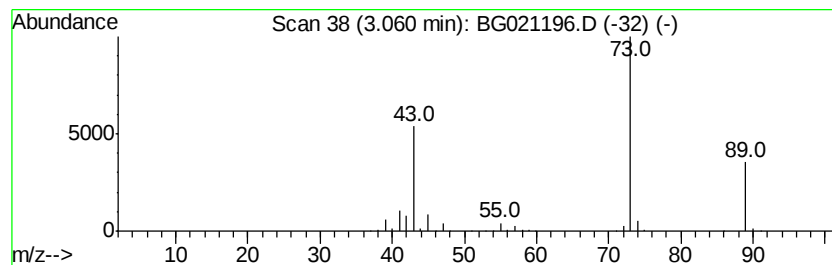
Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.06	107.55 ng	2685230	1,4-Dichlorobenzene-d4	8.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1,3-Diaminoquanidine	89	CH7N5	004364-78-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

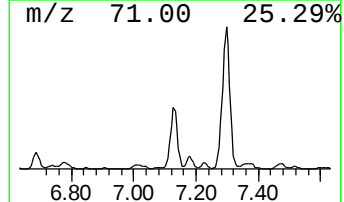
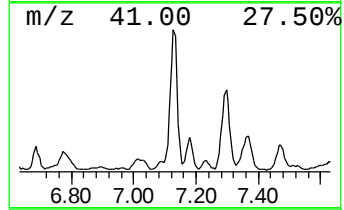
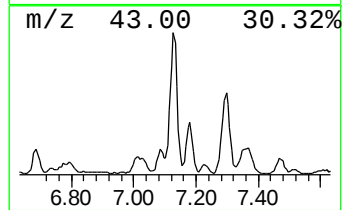
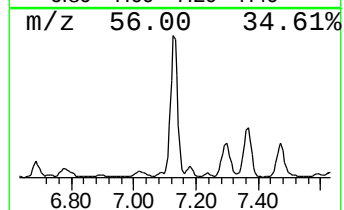
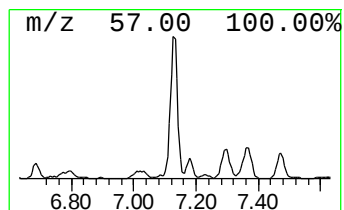
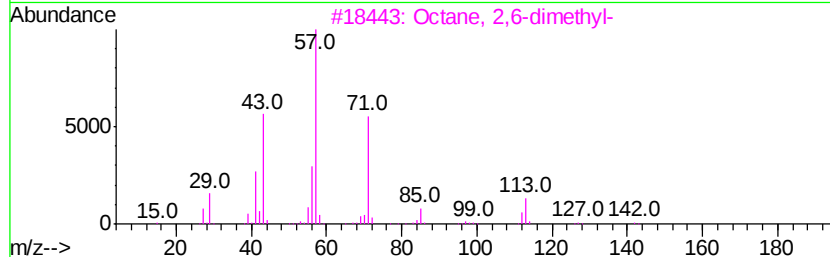
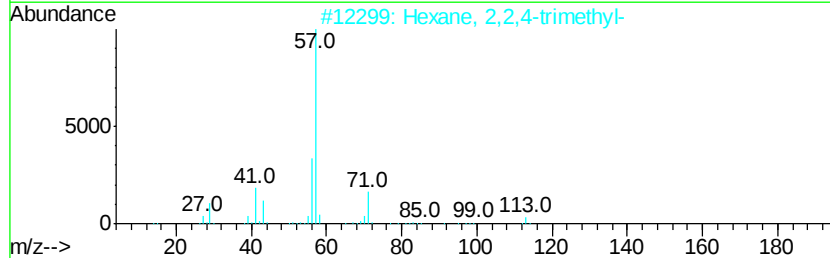
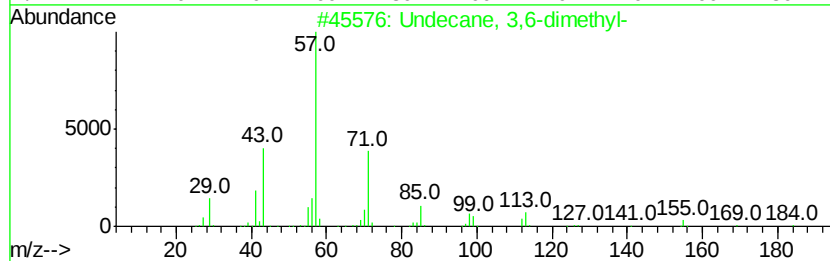
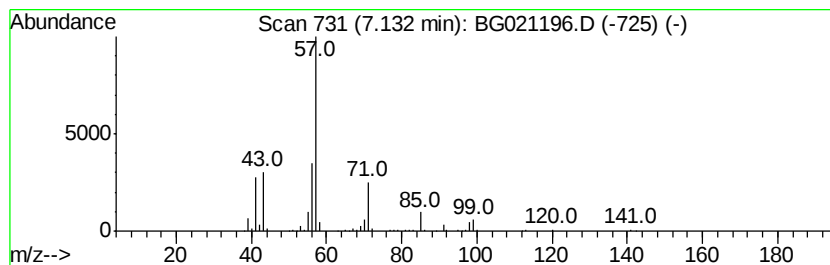
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Undecane, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	19.34 ng	482903	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
2		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	50
5		Dodecane, 6-methyl-	184	C13H28	006044-71-9	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

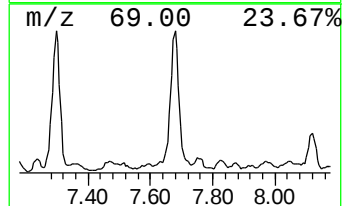
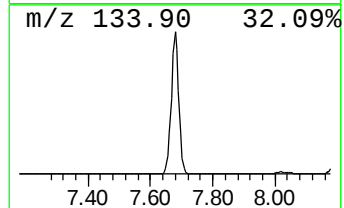
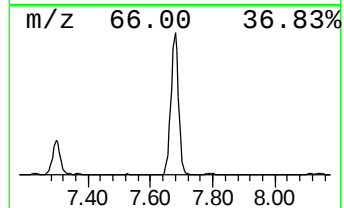
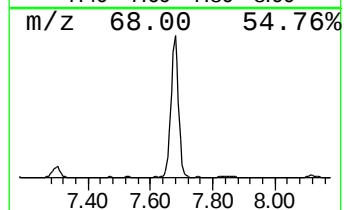
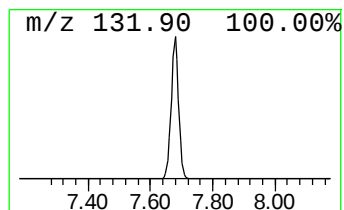
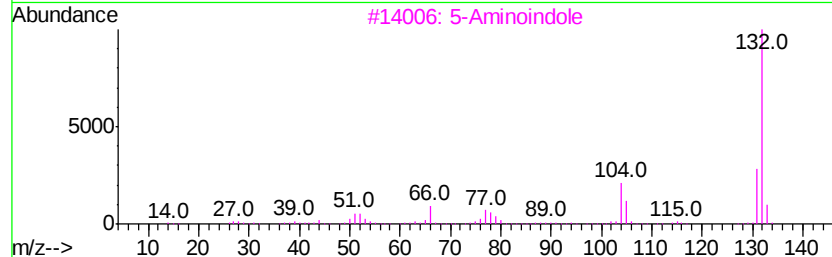
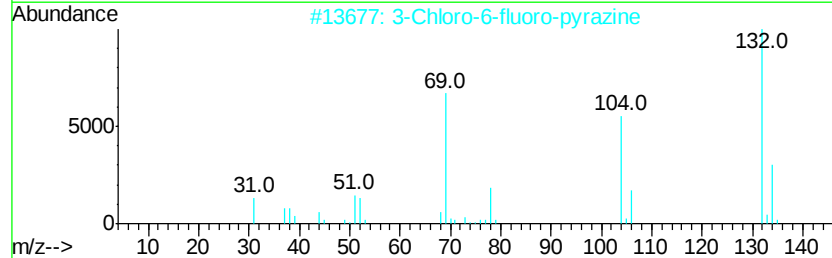
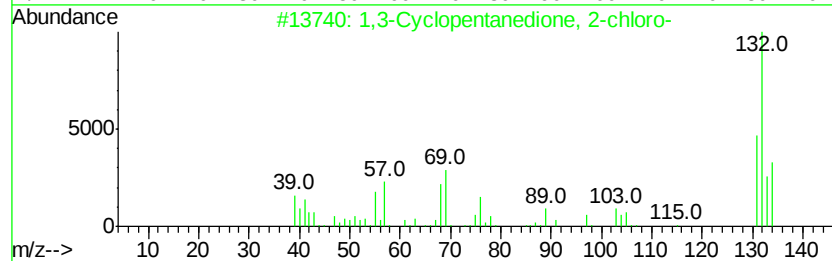
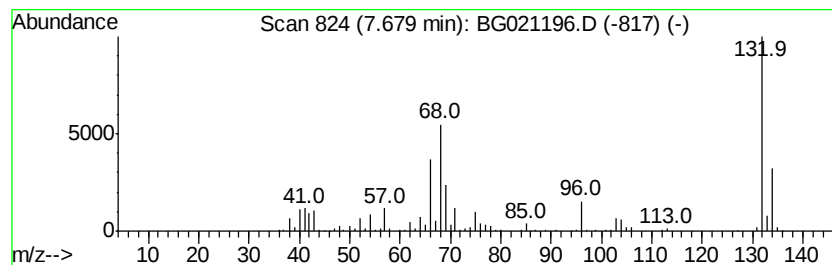
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.68 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	28.89 ng	721456	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	12



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

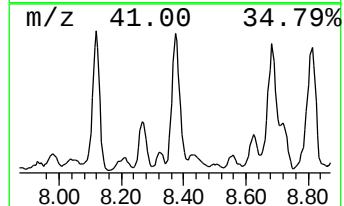
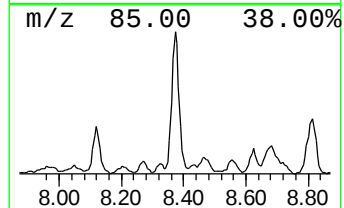
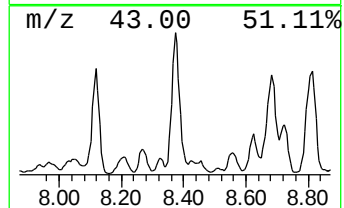
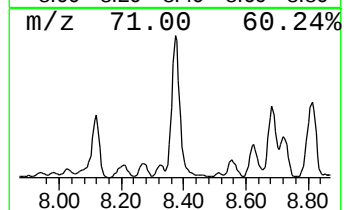
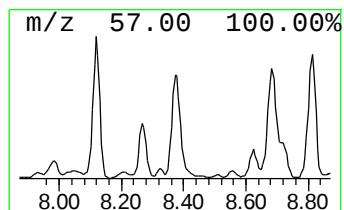
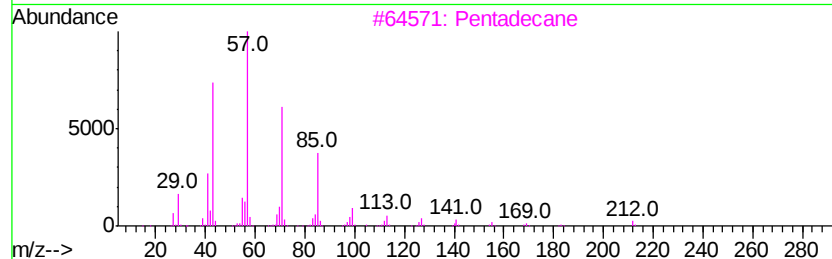
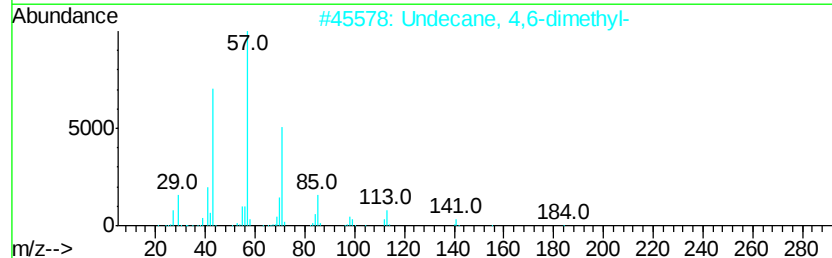
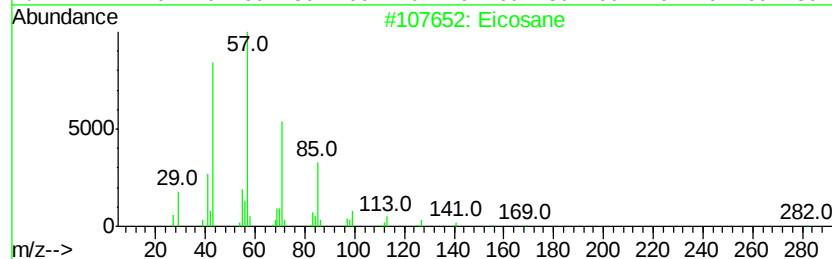
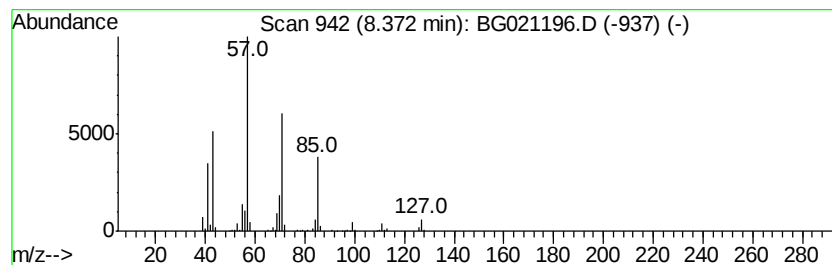
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	21.17 ng	528617	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	78
2		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
3		Pentadecane	212	C15H32	000629-62-9	64
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59
5		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

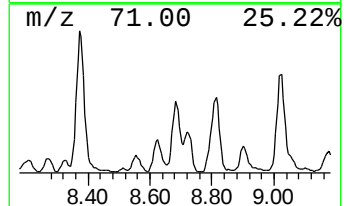
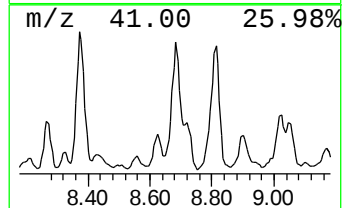
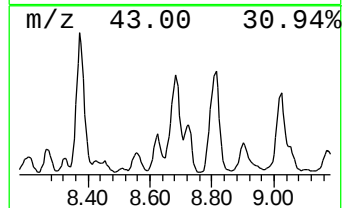
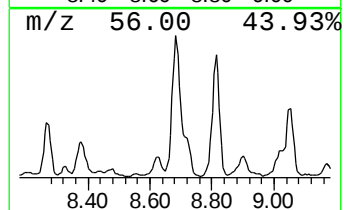
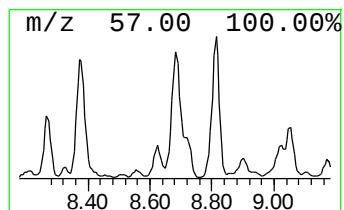
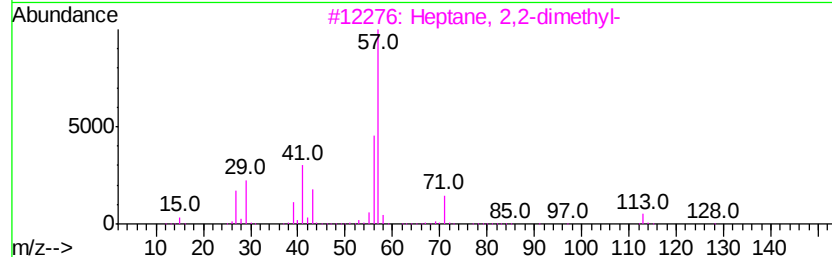
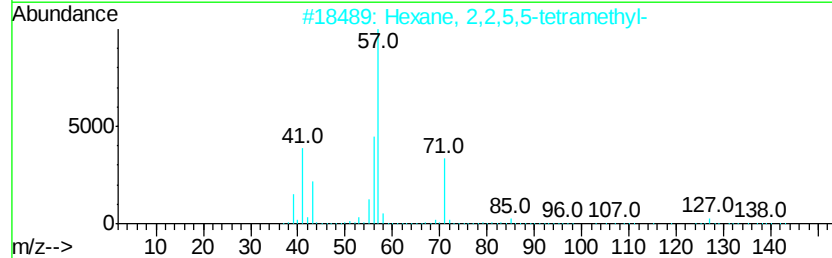
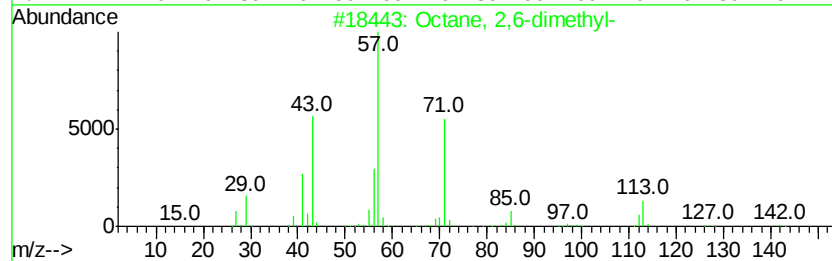
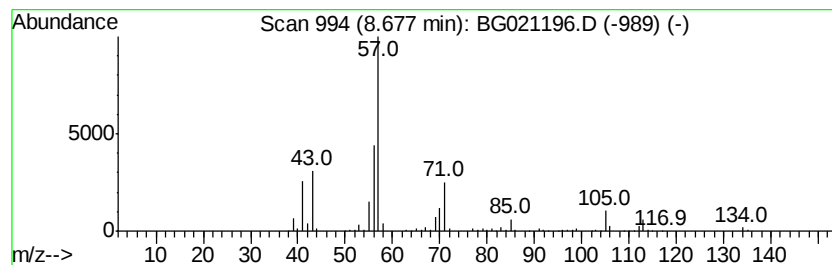
Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.68	30.67 ng	765695	1,4-Dichlorobenzene-d4	8.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
2		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
3		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47
4		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	47
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

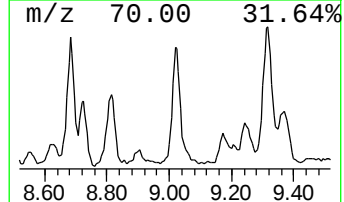
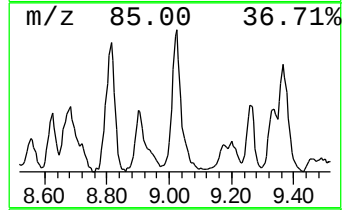
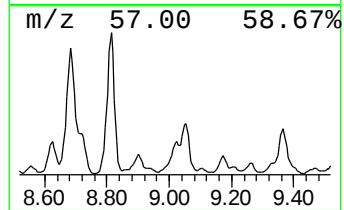
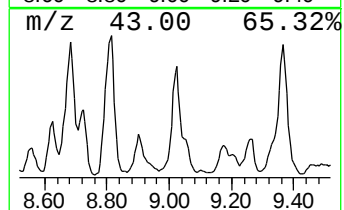
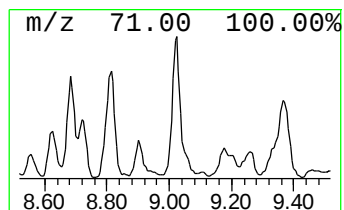
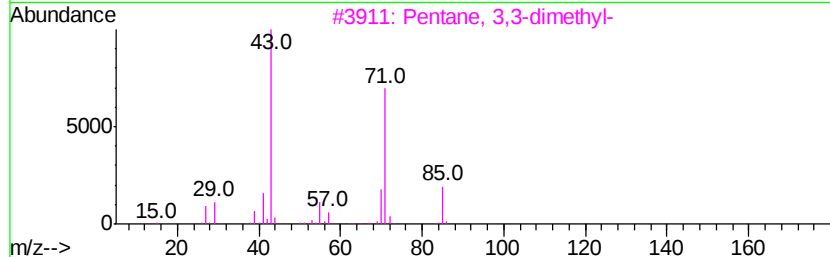
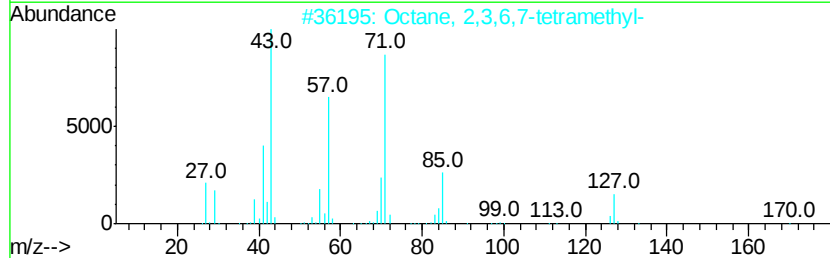
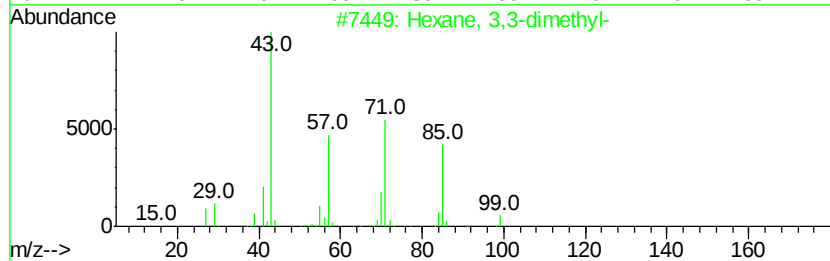
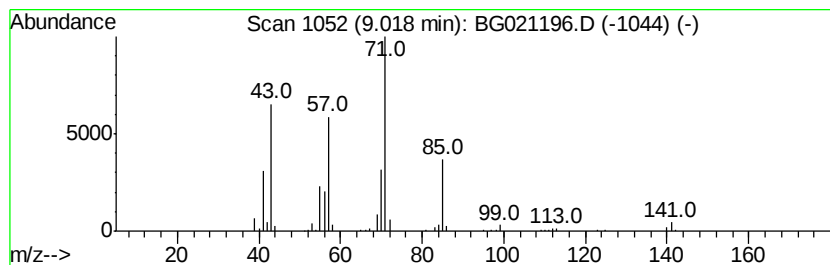
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexane, 3,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	11.03 ng	275312	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
2		Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	59
3		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	59
4		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

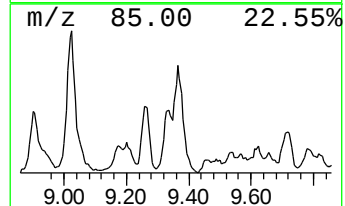
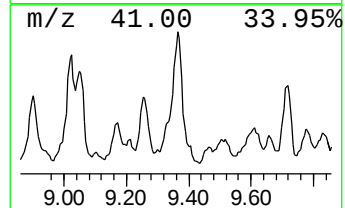
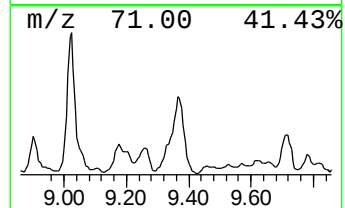
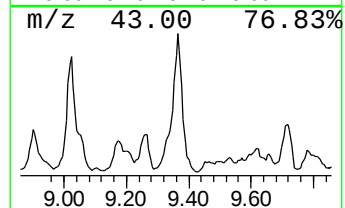
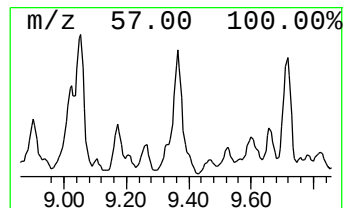
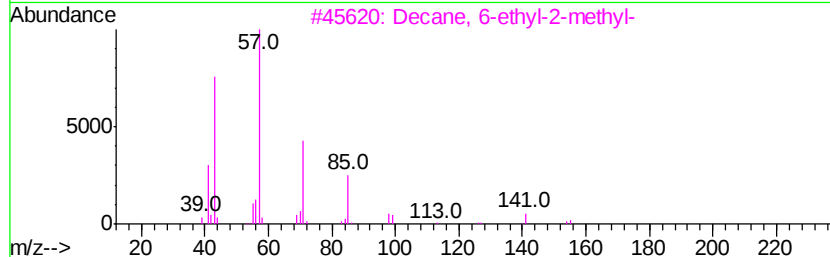
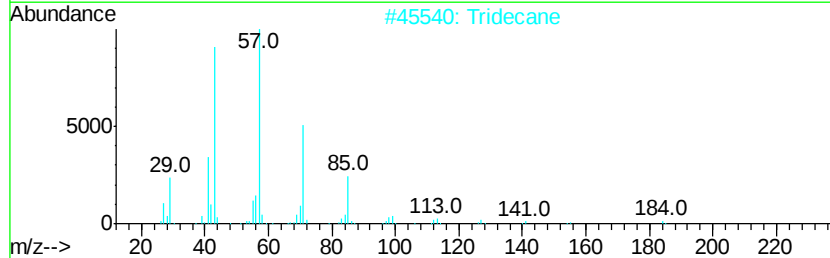
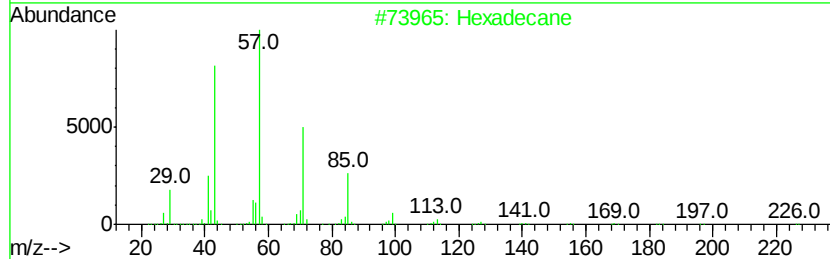
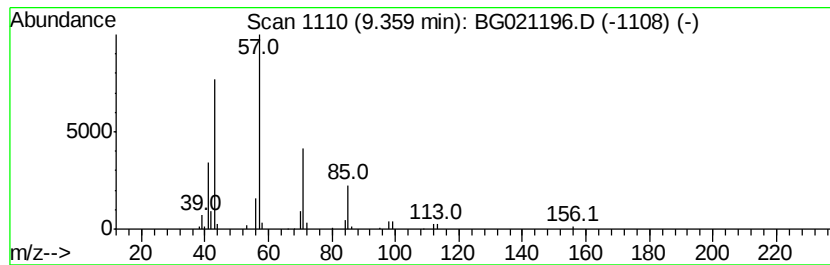
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	11.21 ng	279895	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	83
2		Tridecane	184	C13H28	000629-50-5	83
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
4		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	80
5		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	78



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

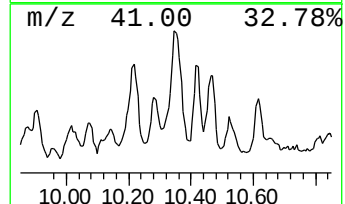
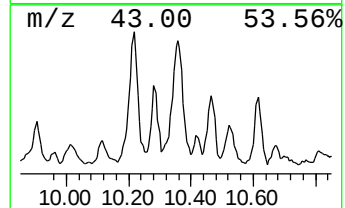
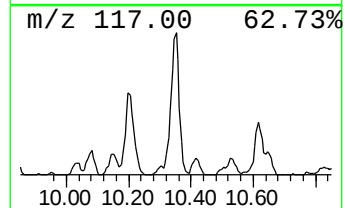
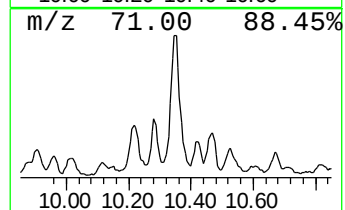
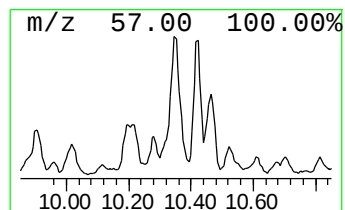
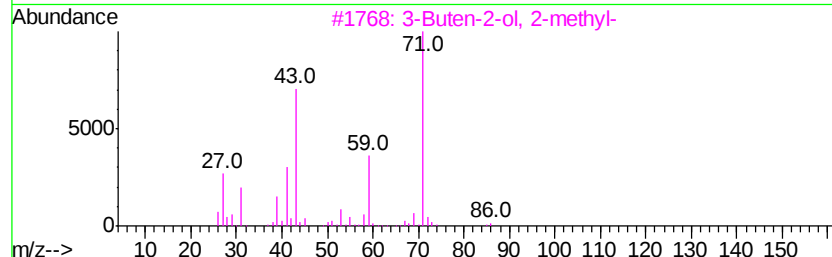
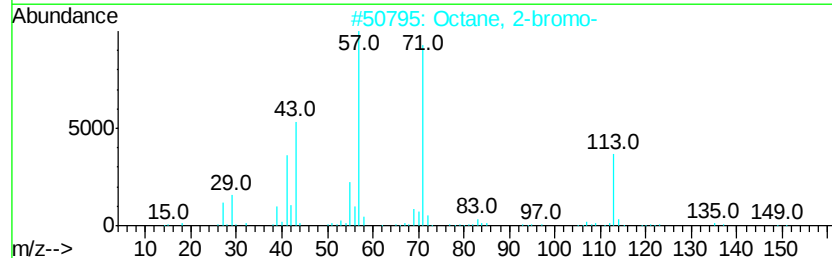
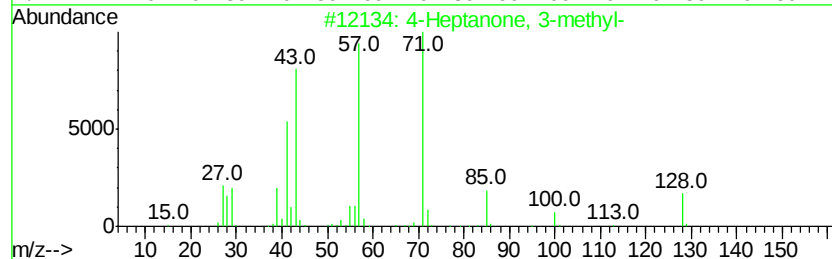
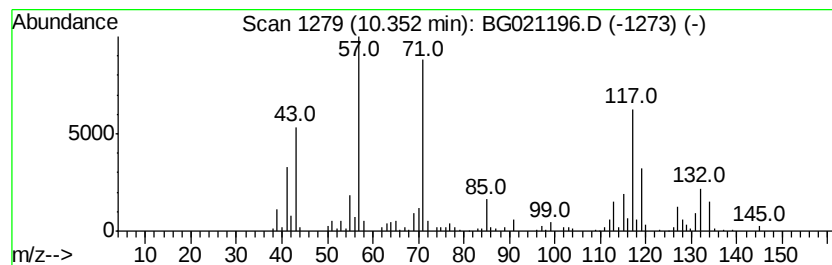
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.35 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	23.61 ng	361951	Naphthalene-d8	10.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	35
2		Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
3		3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	25
4		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	25
5		Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

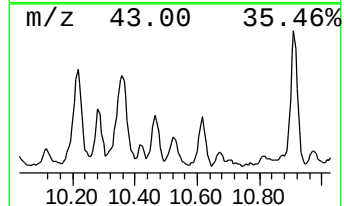
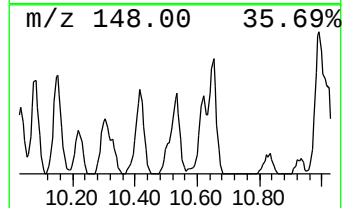
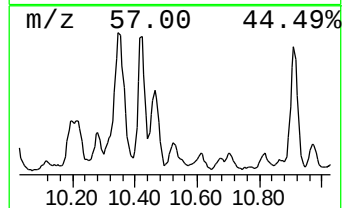
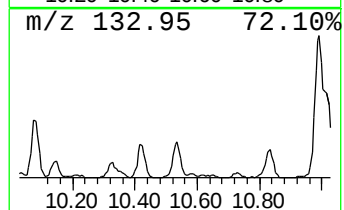
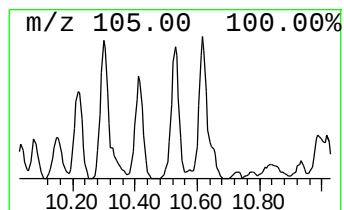
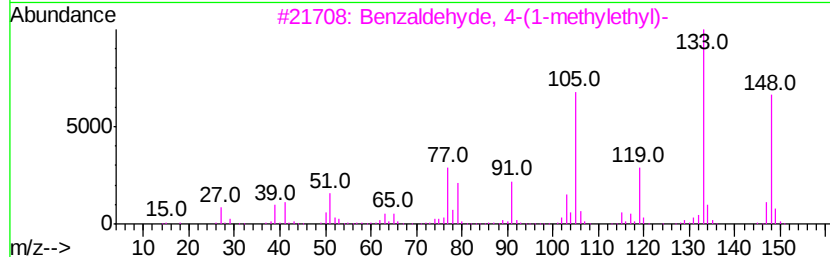
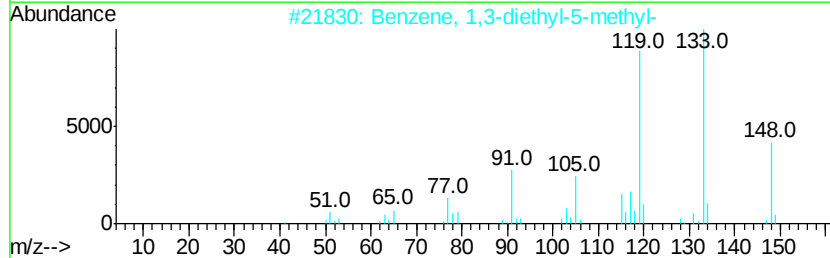
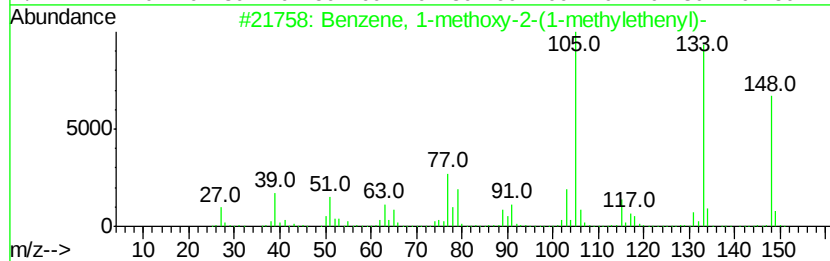
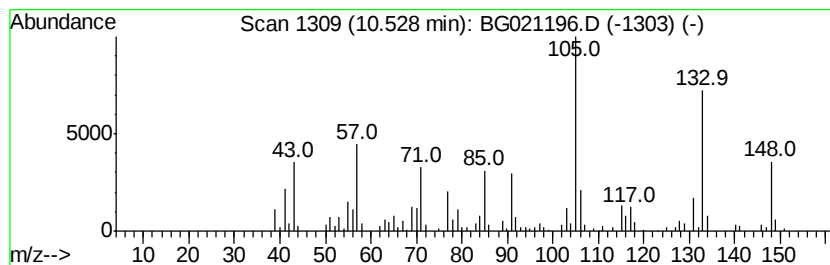
Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methoxy-2-(1-met... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	11.14 ng	170780	Naphthalene-d8	10.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methoxy-2-(1-methylethyl)-	148 C10H12O	010278-02-1 60
2		Benzene, 1,3-diethyl-5-methyl-	148 C11H16	002050-24-0 55
3		Benzaldehyde, 4-(1-methylethyl)-	148 C10H12O	000122-03-2 53
4		Benzene, 2,4-diethyl-1-methyl-	148 C11H16	001758-85-6 50
5		Ethanone, 1-(3,4-dimethylphenyl)-	148 C10H12O	003637-01-2 49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

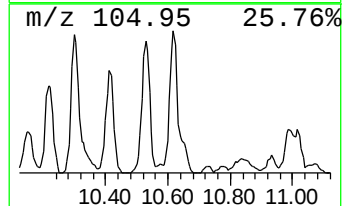
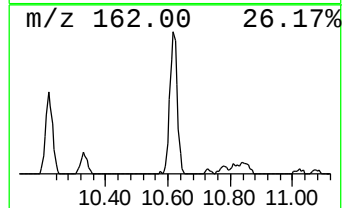
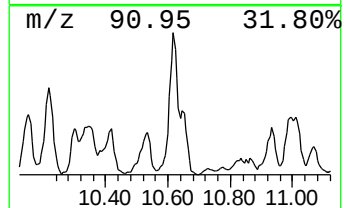
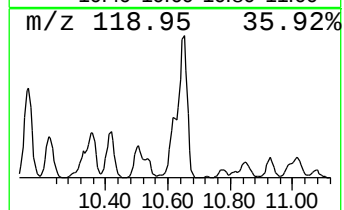
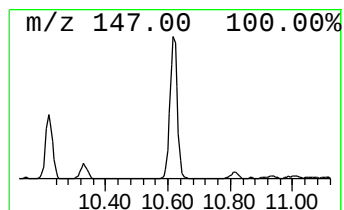
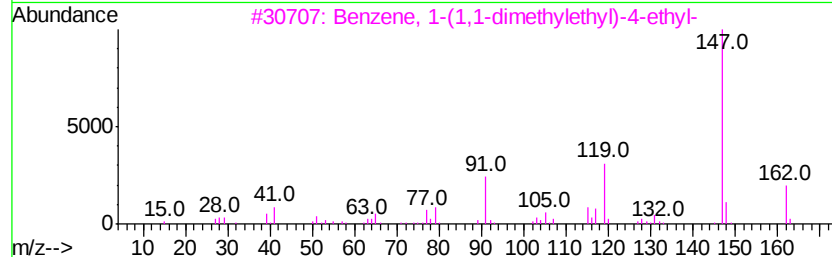
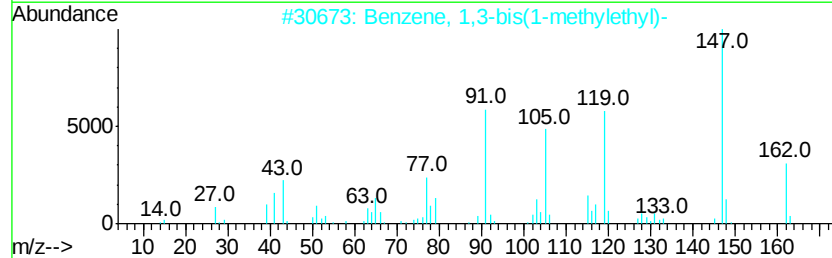
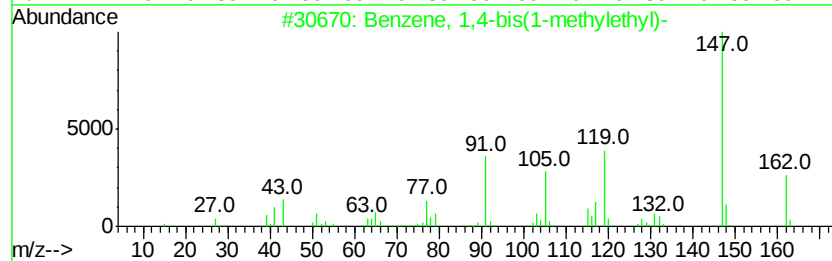
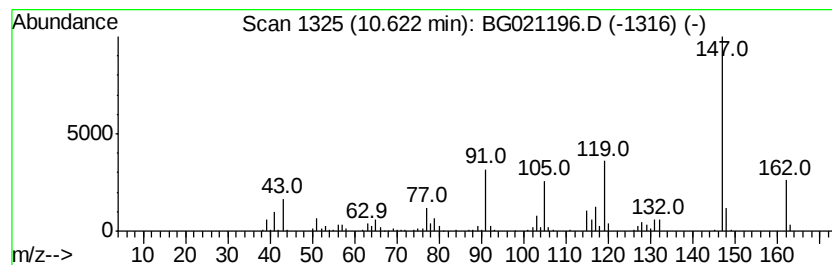
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,4-bis(1-methylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	20.63 ng	316318	Naphthalene-d8	10.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	97
2		Benzene, 1,3-bis(1-methylethyl)-	162	C12H18	000099-62-7	96
3		Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	87
4		4-t-Butyl-o-xylene	162	C12H18	007397-06-0	81
5		Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

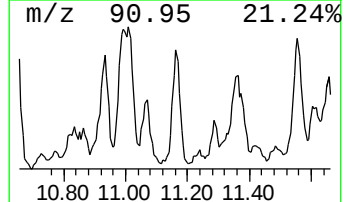
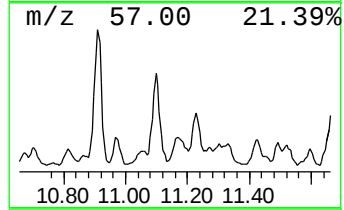
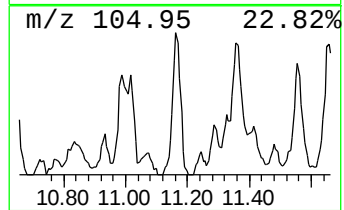
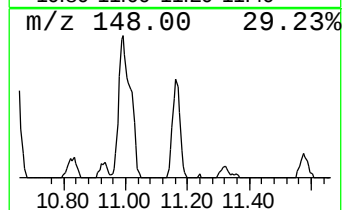
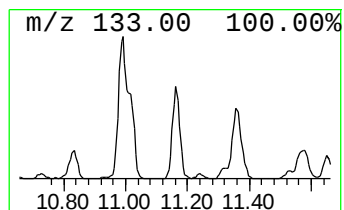
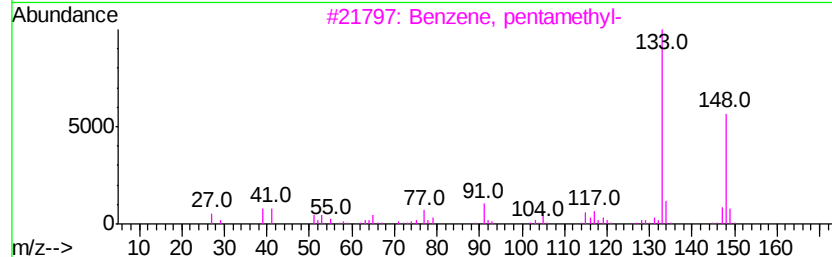
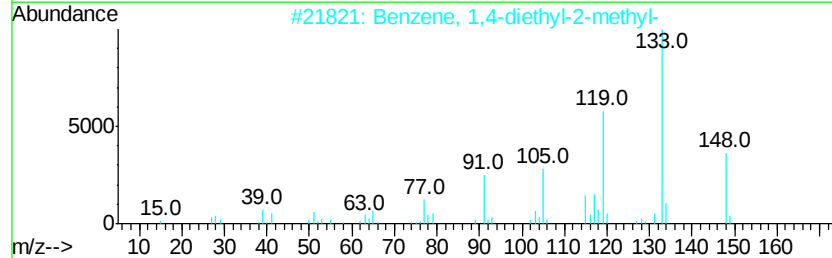
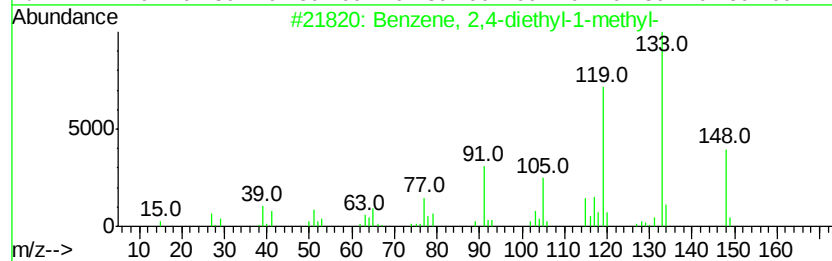
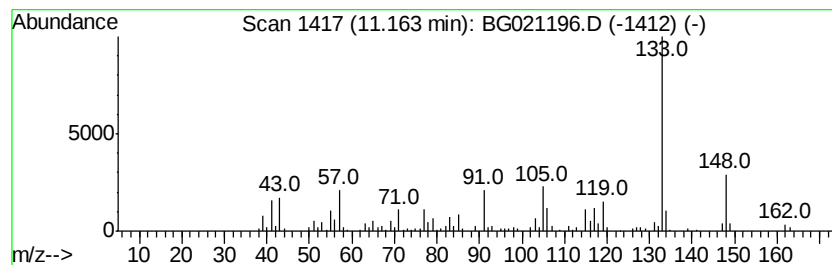
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	11.95 ng	183302	Naphthalene-d8	10.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	91
2		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	91
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	90
4		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	87
5		Benzene, 1,3-dimethyl-5-(1-methyl...	148	C11H16	004706-90-5	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

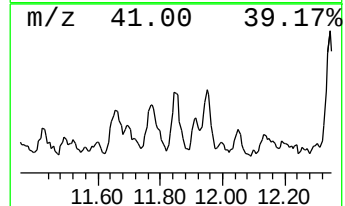
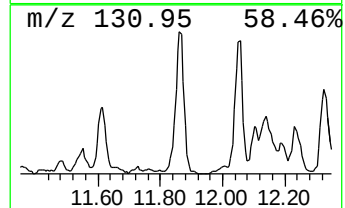
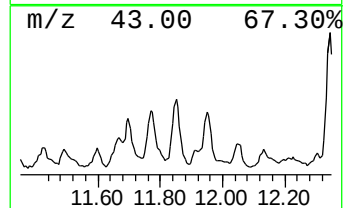
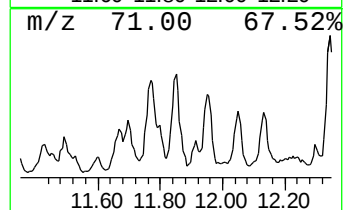
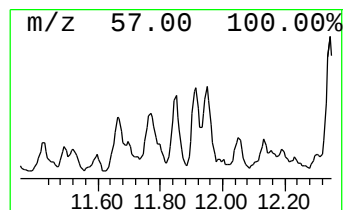
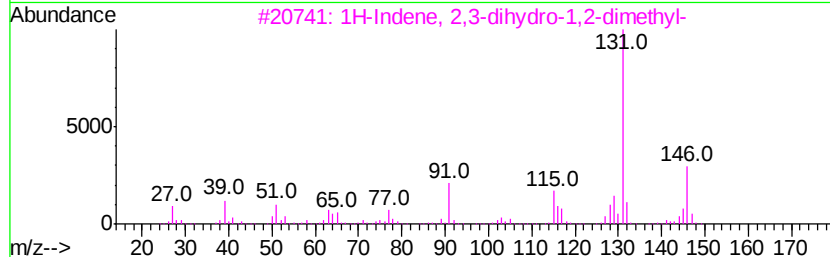
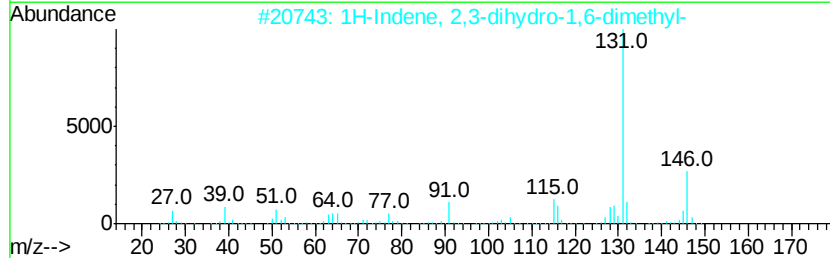
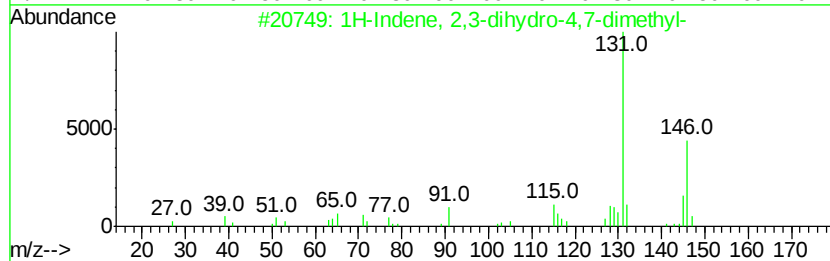
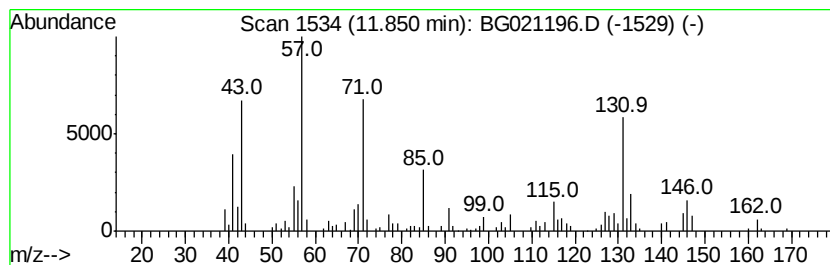
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown11.85 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	13.12 ng	201130	Naphthalene-d8	10.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	38
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	38
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	35
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	35
5		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

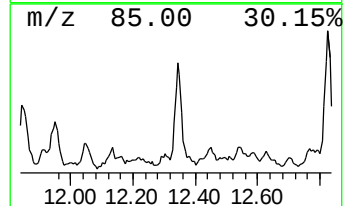
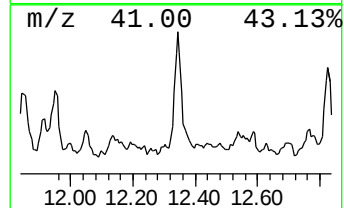
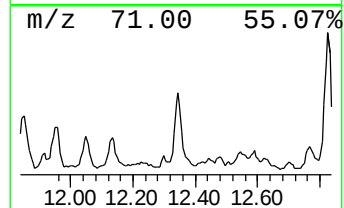
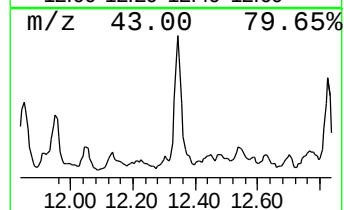
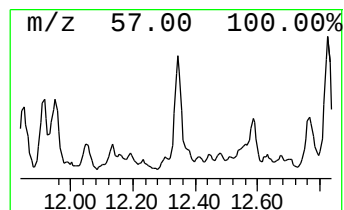
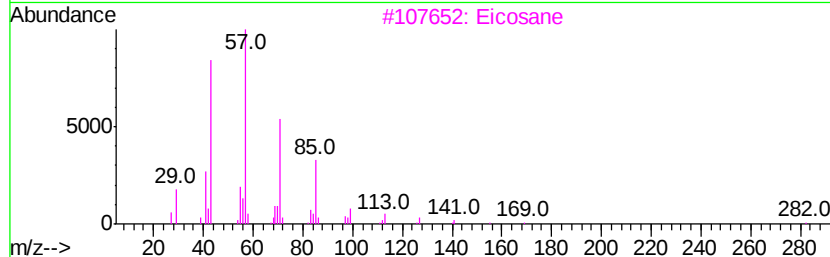
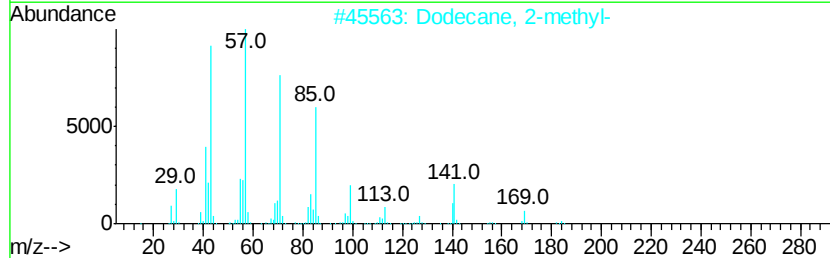
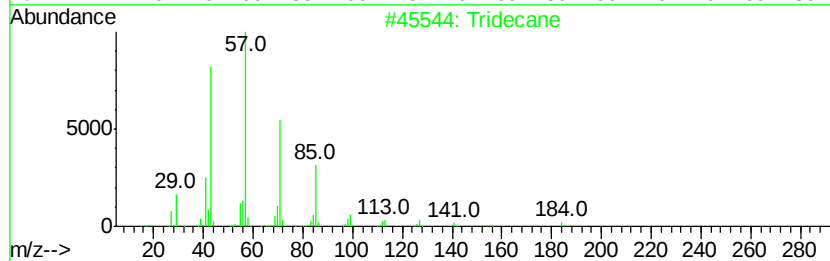
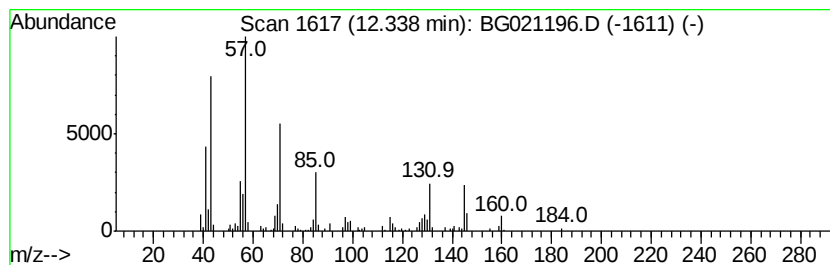
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	14.11 ng	216319	Naphthalene-d8	10.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	60
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
3		Eicosane	282	C20H42	000112-95-8	49
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	46
5		Hexadecane	226	C16H34	000544-76-3	46



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

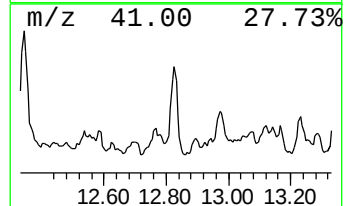
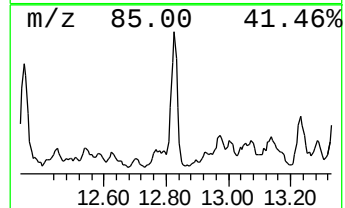
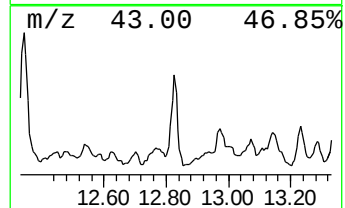
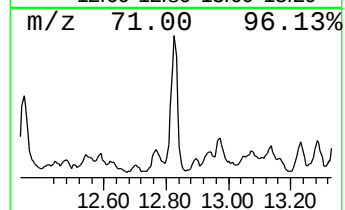
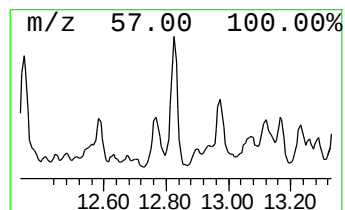
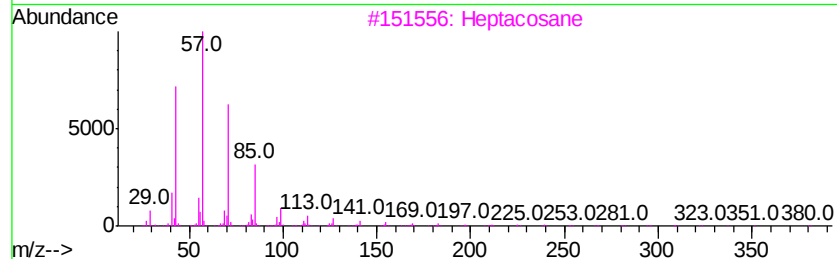
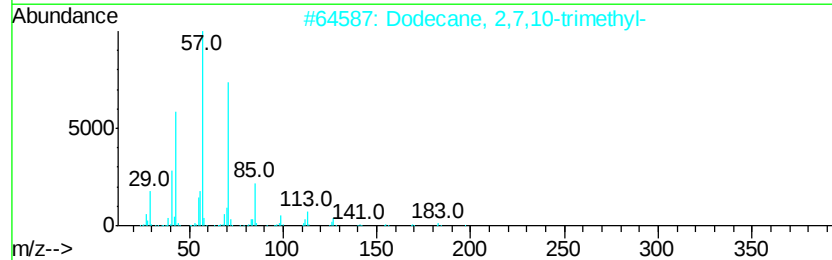
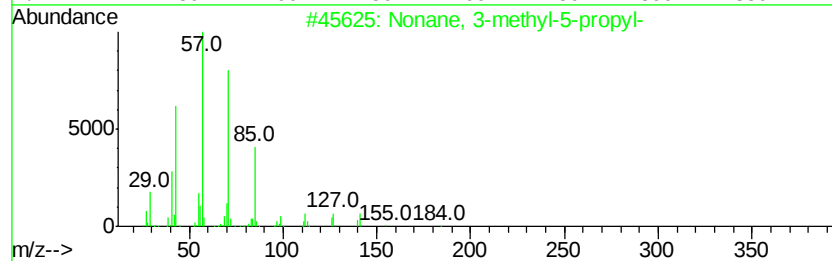
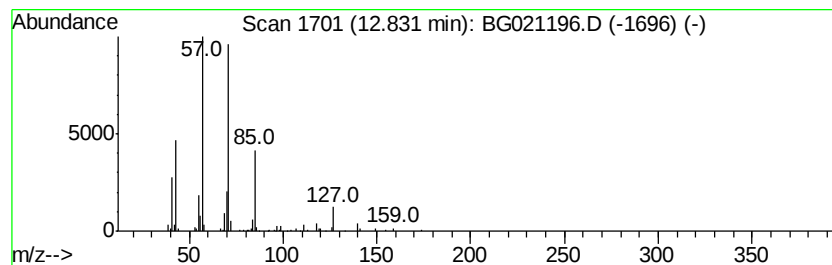
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonane, 3-methyl-5-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	13.13 ng	201323	Naphthalene-d8	10.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3		Heptacosane	380	C27H56	000593-49-7	64
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	59
5		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

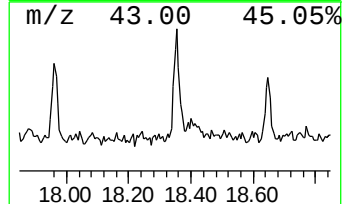
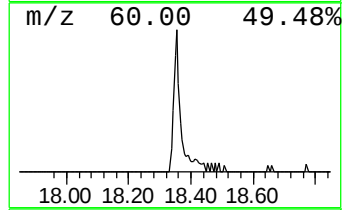
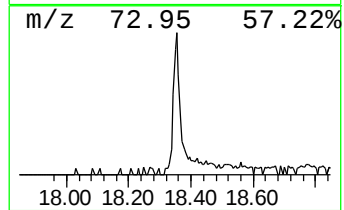
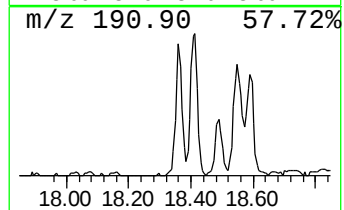
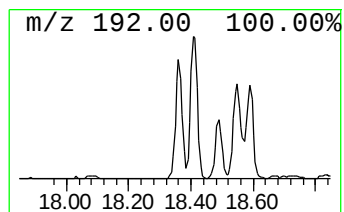
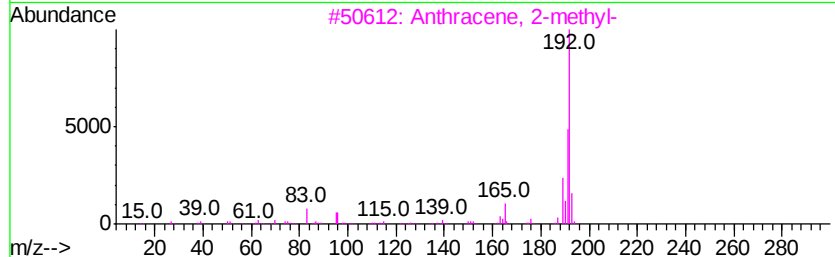
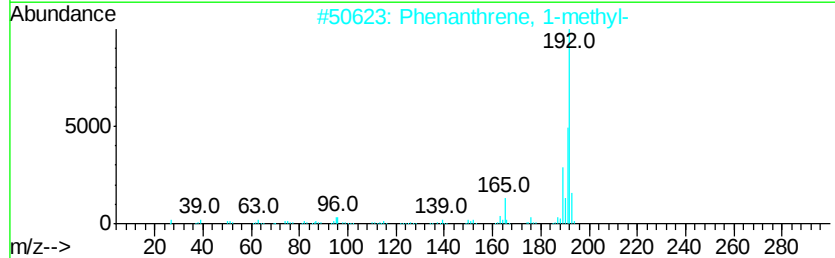
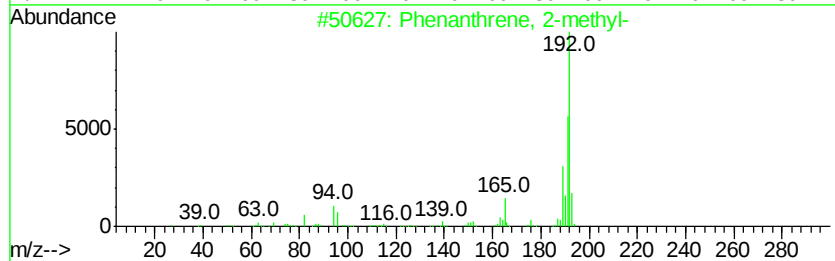
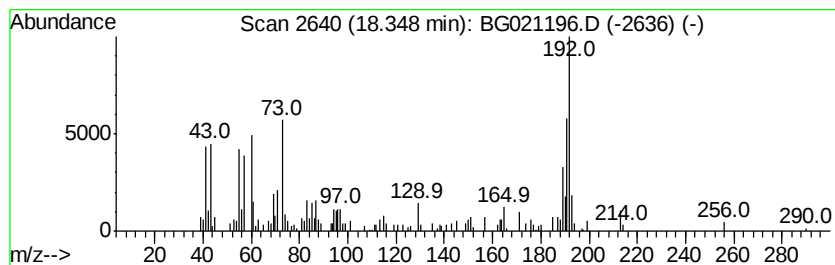
Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.35	11.25 ng	118803	Phenanthrene-d10		17.49
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021196.D
Acq On : 1 Mar 2016 23:03
Operator : UM/SJ
Sample : H1565-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

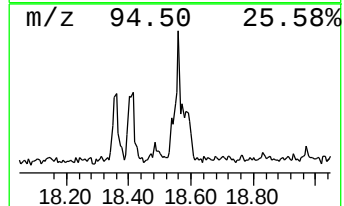
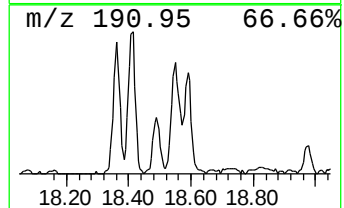
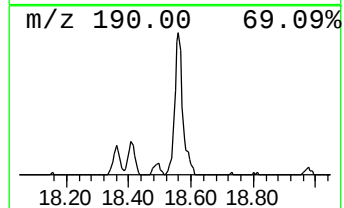
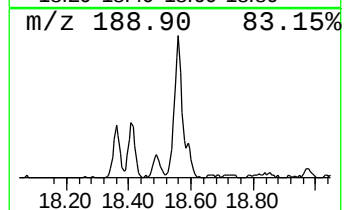
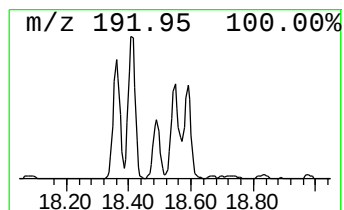
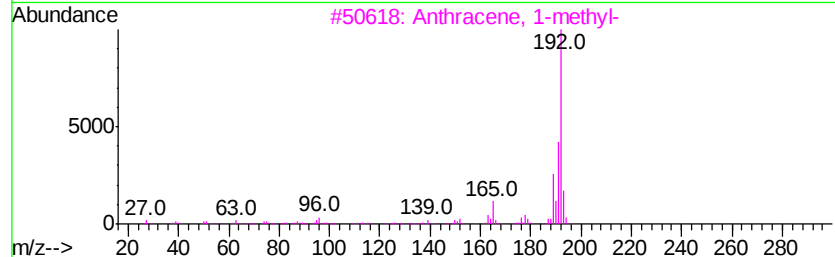
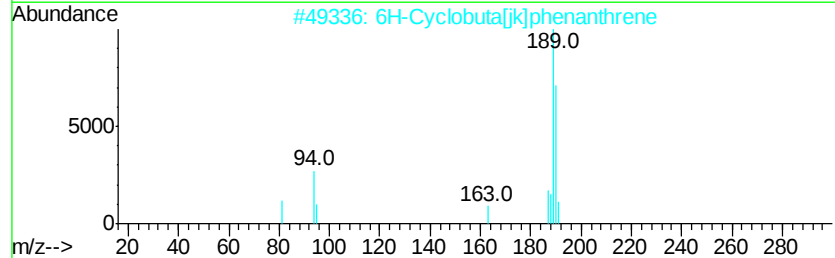
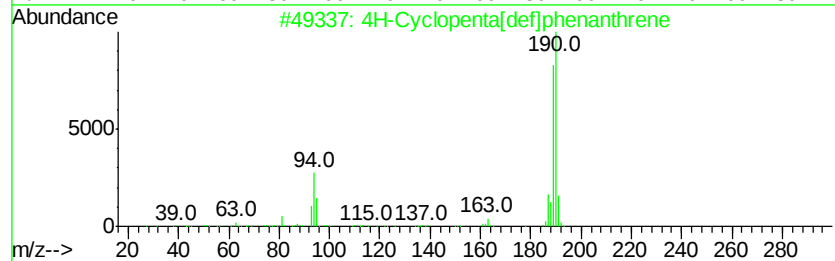
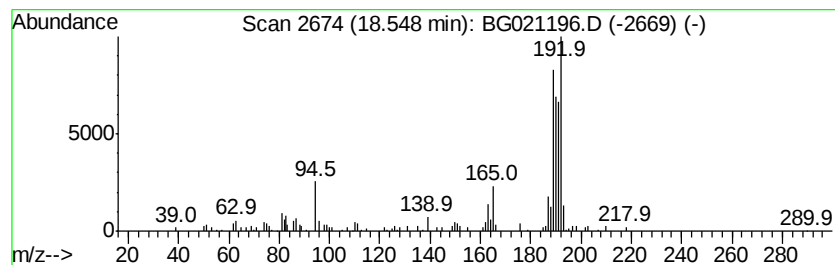
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	12.22 ng	129039	Phenanthrene-d10	17.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	47
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	22
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	18
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030116\
 Data File : BG021196.D
 Acq On : 1 Mar 2016 23:03
 Operator : UM/SJ
 Sample : H1565-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-4(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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
Propane, 2,2-dime...	3.06	107.6	ng	2685230	1	8.15	499368	20.0
Undecane, 3,6-dim...	7.13	19.3	ng	482903	1	8.15	499368	20.0
unknown7.68	7.68	28.9	ng	721456	1	8.15	499368	20.0
Eicosane	8.37	21.2	ng	528617	1	8.15	499368	20.0
Octane, 2,6-dimet...	8.68	30.7	ng	765695	1	8.15	499368	20.0
Hexane, 3,3-dimet...	9.02	11.0	ng	275312	1	8.15	499368	20.0
Hexadecane	9.36	11.2	ng	279895	1	8.15	499368	20.0
unknown10.35	10.35	23.6	ng	361951	2	10.96	306671	20.0
Benzene, 1-methox...	10.53	11.1	ng	170780	2	10.96	306671	20.0
Benzene, 1,4-bis(...	10.62	20.6	ng	316318	2	10.96	306671	20.0
Benzene, 2,4-diet...	11.16	11.9	ng	183302	2	10.96	306671	20.0
unknown11.85	11.85	13.1	ng	201130	2	10.96	306671	20.0
Tridecane	12.34	14.1	ng	216319	2	10.96	306671	20.0
Nonane, 3-methyl-...	12.83	13.1	ng	201323	2	10.96	306671	20.0
Phenanthrene, 2-m...	18.35	11.3	ng	118803	4	17.49	211218	20.0
4H-Cyclopenta[def...	18.55	12.2	ng	129039	4	17.49	211218	20.0