

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
 Data File : BG019970.D
 Acq On : 6 Dec 2015 17:02
 Operator : UM/NP
 Sample : G4630-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-33

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-BG120215.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	5.187	395	400	406	rBV	50010	75953	2.55%	0.215%
2	5.657	474	480	490	rVB	294849	475305	15.94%	1.348%
3	6.592	633	639	647	rBV	70092	121629	4.08%	0.345%
4	7.085	716	723	732	rBV	102627	177980	5.97%	0.505%
5	7.255	746	752	759	rBV	194296	355188	11.91%	1.007%
6	7.643	811	818	826	rVB	547046	929254	31.17%	2.635%
7	8.013	870	881	886	rBV3	41292	85214	2.86%	0.242%
8	8.113	886	898	906	rVB	129798	244411	8.20%	0.693%
9	8.436	947	953	958	rBV	523546	942731	31.62%	2.673%
10	8.489	958	962	969	rVB	187157	317023	10.63%	0.899%
11	8.607	974	982	987	rBV	85577	140894	4.73%	0.400%
12	8.760	1002	1008	1012	rBV2	60844	105671	3.54%	0.300%
13	8.807	1012	1016	1026	rVB3	102431	193110	6.48%	0.548%
14	9.006	1045	1050	1065	rVB3	36040	78356	2.63%	0.222%
15	9.130	1065	1071	1075	rBV6	29384	66020	2.21%	0.187%
16	9.224	1082	1087	1092	rBV2	195093	331922	11.13%	0.941%
17	9.283	1092	1097	1112	rVB2	477216	1203771	40.38%	3.413%
18	9.465	1120	1128	1138	rBV9	48695	148258	4.97%	0.420%
19	9.576	1143	1147	1159	rVB2	45545	94869	3.18%	0.269%
20	9.747	1171	1176	1183	rVB	198428	326144	10.94%	0.925%
21	9.847	1183	1193	1199	rBV10	23618	74305	2.49%	0.211%
22	9.952	1202	1211	1216	rBV2	63779	147394	4.94%	0.418%
23	10.117	1234	1239	1245	rBV4	55518	118769	3.98%	0.337%
24	10.170	1245	1248	1258	rVB2	67352	147845	4.96%	0.419%
25	10.328	1268	1275	1282	rVB2	331497	618208	20.74%	1.753%
26	10.657	1319	1331	1336	rBV4	94371	299857	10.06%	0.850%
27	10.775	1344	1351	1358	rBV6	46343	106356	3.57%	0.302%
28	10.928	1366	1377	1382	rBV2	217781	538301	18.06%	1.526%
29	11.045	1391	1397	1400	rBV	91900	185248	6.21%	0.525%
30	11.086	1401	1404	1409	rVB3	97421	151685	5.09%	0.430%
31	11.298	1436	1440	1443	rBV4	38670	69619	2.34%	0.197%
32	11.386	1448	1455	1461	rVV7	87337	272281	9.13%	0.772%
33	11.509	1471	1476	1482	rVV4	82515	157296	5.28%	0.446%
34	11.592	1486	1490	1498	rVV5	32083	68664	2.30%	0.195%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
 Data File : BG019970.D
 Acq On : 6 Dec 2015 17:02
 Operator : UM/NP
 Sample : G4630-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-33

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-BG120215.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.674	1500	1504	1511	rVV5	31869	58220	1.95%	0.165%
36	11.815	1519	1528	1541	rVB6	141744	501129	16.81%	1.421%
37	11.926	1542	1547	1552	rBV5	27091	65095	2.18%	0.185%
38	11.991	1554	1558	1561	rBV5	32993	60145	2.02%	0.171%
39	12.038	1562	1566	1573	rVB5	80243	157432	5.28%	0.446%
40	12.120	1575	1580	1586	rBV5	80453	169891	5.70%	0.482%
41	12.173	1586	1589	1596	rVB	62924	101371	3.40%	0.287%
42	12.244	1598	1601	1608	rVB5	45553	84571	2.84%	0.240%
43	12.332	1608	1616	1619	rBV4	29202	75314	2.53%	0.214%
44	12.408	1626	1629	1634	rVB5	48036	70183	2.35%	0.199%
45	12.473	1634	1640	1645	rBV3	190398	395167	13.25%	1.121%
46	12.526	1645	1649	1652	rBV4	65546	94578	3.17%	0.268%
47	12.690	1672	1677	1679	rBV5	37129	68260	2.29%	0.194%
48	12.726	1679	1683	1688	rVV3	120654	188366	6.32%	0.534%
49	12.796	1689	1695	1704	rVV2	329607	613549	20.58%	1.740%
50	12.961	1719	1723	1731	rVB2	35635	76215	2.56%	0.216%
51	13.043	1731	1737	1740	rBV6	58193	113589	3.81%	0.322%
52	13.096	1740	1746	1752	rVV7	103178	226482	7.60%	0.642%
53	13.225	1766	1768	1772	rVB3	83900	109087	3.66%	0.309%
54	13.278	1772	1777	1783	rVB4	160345	317470	10.65%	0.900%
55	13.372	1786	1793	1798	rBV	1284878	2010714	67.44%	5.702%
56	13.419	1798	1801	1805	rBV2	129737	169313	5.68%	0.480%
57	13.765	1856	1860	1864	rVB3	112454	161766	5.43%	0.459%
58	13.812	1865	1868	1873	rVB6	51514	81611	2.74%	0.231%
59	13.906	1880	1884	1891	rVB6	131556	259219	8.69%	0.735%
60	13.977	1892	1896	1897	rBV2	69930	85388	2.86%	0.242%
61	14.006	1898	1901	1904	rVV3	151688	233159	7.82%	0.661%
62	14.065	1904	1911	1916	rVB5	423154	897277	30.10%	2.544%
63	14.118	1916	1920	1929	rVB6	162959	392123	13.15%	1.112%
64	14.230	1935	1939	1945	rVB6	59127	95943	3.22%	0.272%
65	14.300	1947	1951	1954	rBV2	119701	176941	5.94%	0.502%
66	14.412	1964	1970	1974	rVB3	215916	442226	14.83%	1.254%
67	14.465	1974	1979	1983	rBV5	148758	241590	8.10%	0.685%
68	14.594	1991	2001	2011	rBV	424409	1014774	34.04%	2.877%
69	14.682	2011	2016	2021	rBV2	167440	316212	10.61%	0.897%
70	14.747	2022	2027	2037	rVB4	414023	1137354	38.15%	3.225%
71	14.858	2038	2046	2049	rBV6	266521	512454	17.19%	1.453%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
 Data File : BG019970.D
 Acq On : 6 Dec 2015 17:02
 Operator : UM/NP
 Sample : G4630-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-33

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-BG120215.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.899	2049	2053	2056	rBV	169479	241010	8.08%	0.683%
73	15.087	2082	2085	2089	rVB5	76337	97570	3.27%	0.277%
74	15.140	2090	2094	2097	rBV4	114795	202170	6.78%	0.573%
75	15.246	2108	2112	2117	rBV2	277473	442002	14.83%	1.253%
76	15.358	2127	2131	2134	rVV3	185204	251374	8.43%	0.713%
77	15.416	2136	2141	2147	rVB3	671638	1281571	42.99%	3.634%
78	15.557	2160	2165	2169	rBV5	327026	519159	17.41%	1.472%
79	15.816	2196	2209	2214	rBV9	273350	865916	29.05%	2.455%
80	15.863	2214	2217	2223	rVV5	156044	301395	10.11%	0.855%
81	15.916	2223	2226	2234	rVB5	105035	236877	7.95%	0.672%
82	16.080	2251	2254	2258	rVB3	149343	209206	7.02%	0.593%
83	16.145	2259	2265	2271	rBV3	392134	926815	31.09%	2.628%
84	16.227	2275	2279	2288	rVB2	837317	1377426	46.20%	3.906%
85	16.380	2300	2305	2310	rVB5	119563	219892	7.38%	0.624%
86	16.674	2351	2355	2359	rVB4	109814	155322	5.21%	0.440%
87	16.844	2381	2384	2387	rVB3	137416	154406	5.18%	0.438%
88	17.373	2470	2474	2479	rBV6	120397	218357	7.32%	0.619%
89	17.485	2488	2493	2503	rBV2	527915	880904	29.55%	2.498%
90	17.773	2539	2542	2549	rVB5	118518	179713	6.03%	0.510%
91	18.137	2600	2604	2605	rBV	140894	177472	5.95%	0.503%
92	18.372	2640	2644	2649	rVB3	127503	167984	5.63%	0.476%
93	19.629	2854	2858	2863	rVB	106708	141811	4.76%	0.402%
94	20.087	2930	2936	2942	rBV	2304978	2981277	100.00%	8.454%
95	20.763	3048	3051	3057	rVB	48838	69848	2.34%	0.198%
96	21.028	3093	3096	3100	rVB	60146	69424	2.33%	0.197%
97	21.386	3154	3157	3165	rVB4	44361	72478	2.43%	0.206%
98	21.539	3179	3183	3191	rVB	52240	87547	2.94%	0.248%
99	21.756	3213	3220	3228	rVB	494481	814656	27.33%	2.310%
100	25.035	3768	3778	3791	rVB	263416	778870	26.13%	2.209%

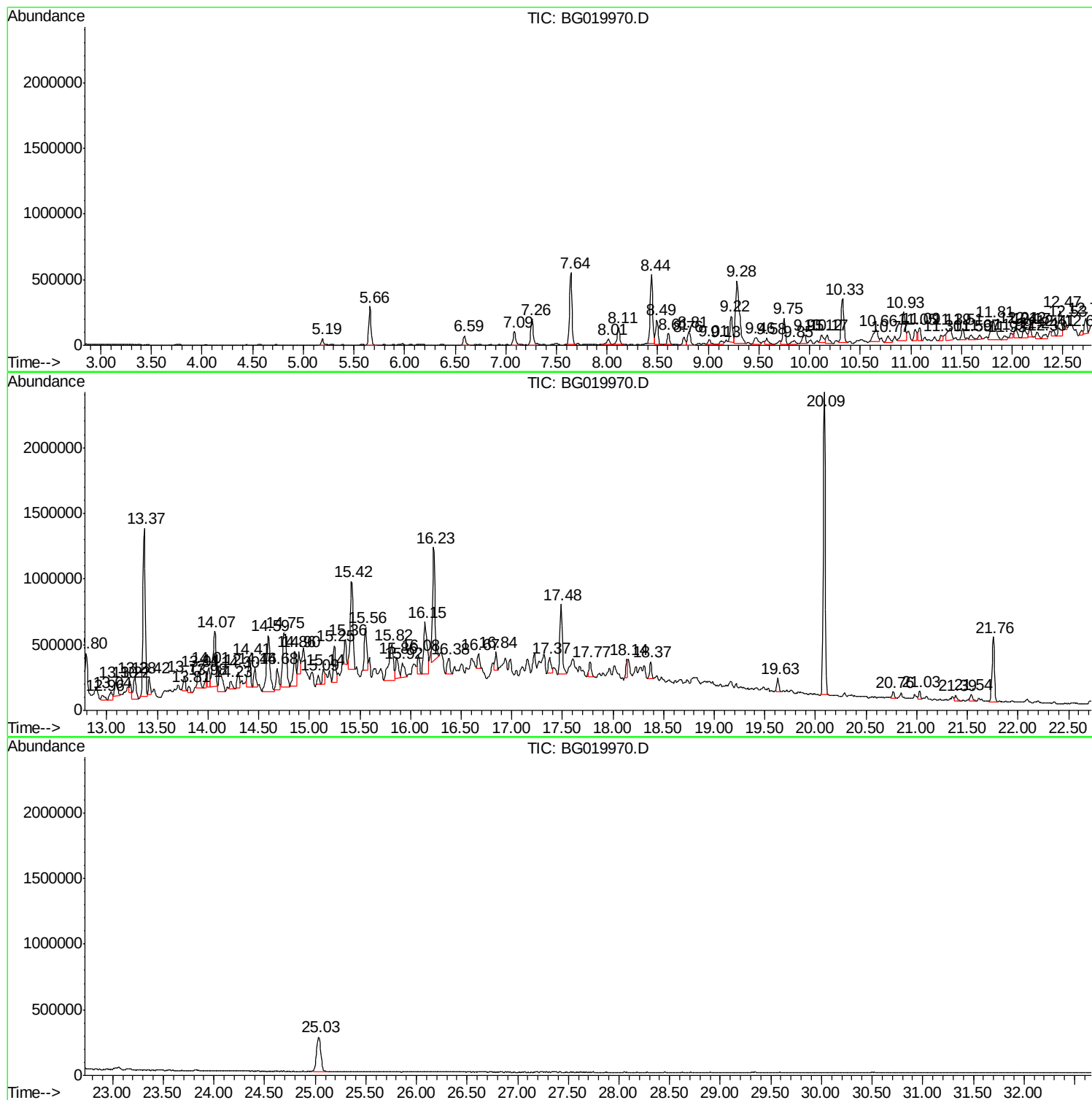
Sum of corrected areas: 35266161

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
MW-33

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.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\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-33

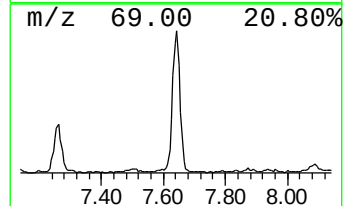
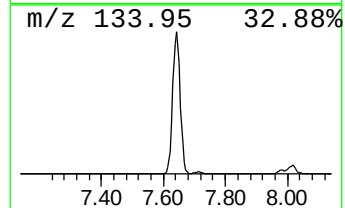
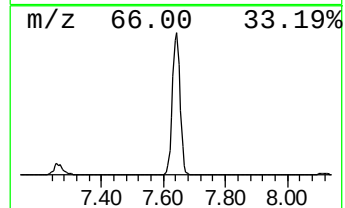
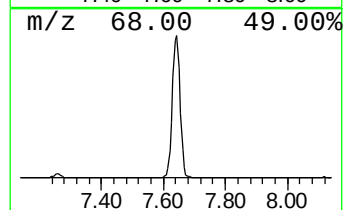
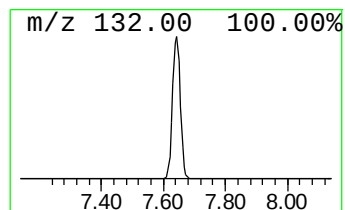
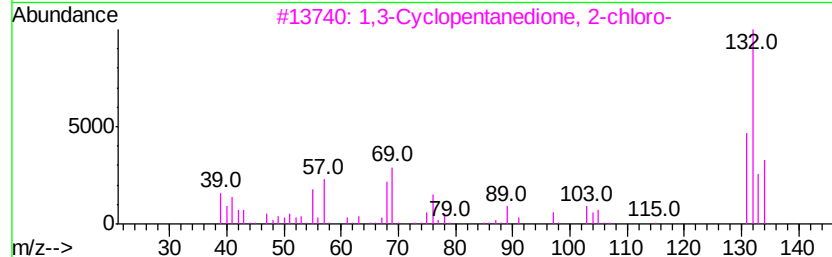
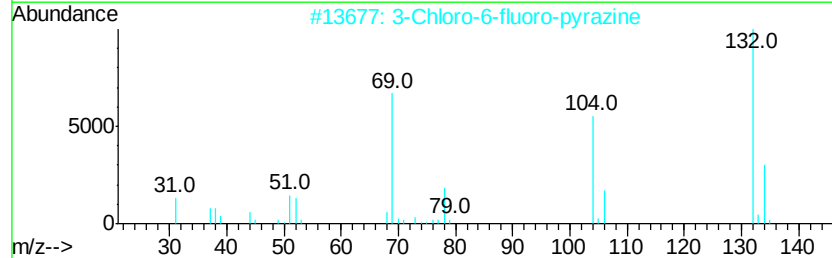
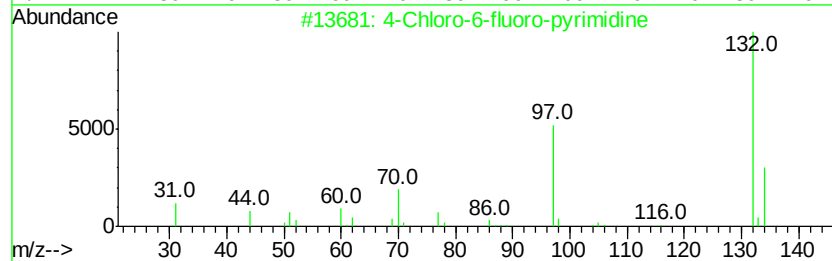
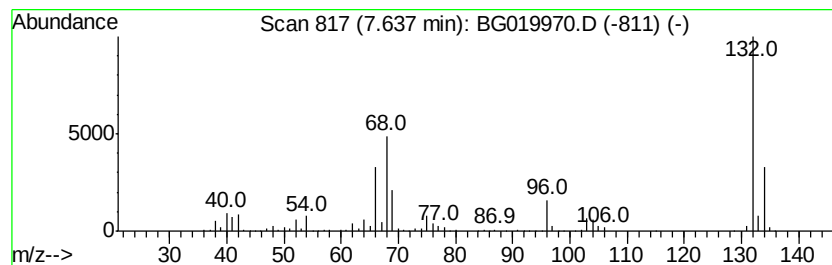
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	76.04 ng	929254	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		5-Aminoindole	132	C8H8N2	005192-03-0	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-33

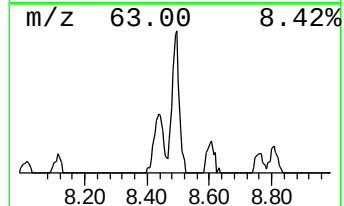
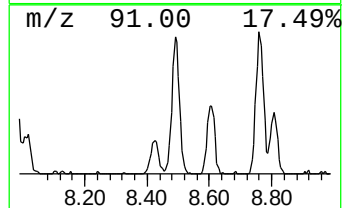
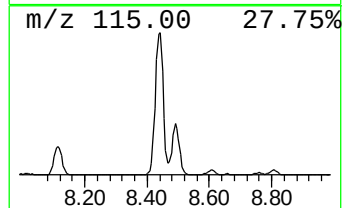
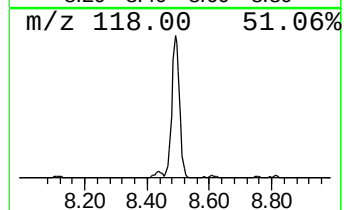
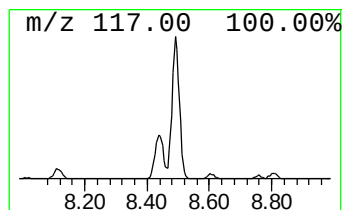
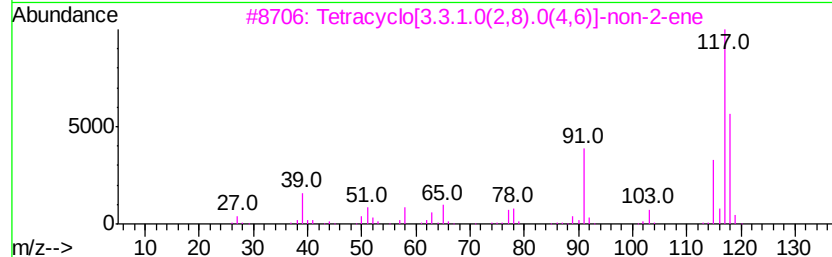
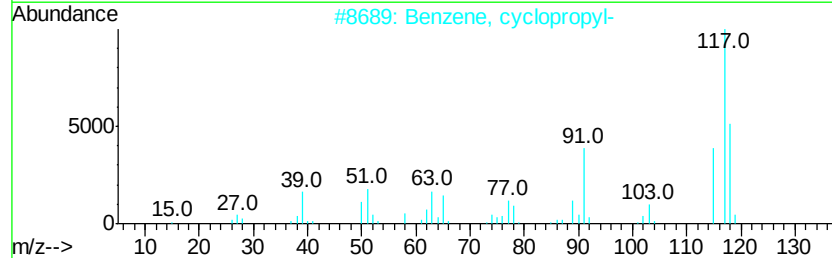
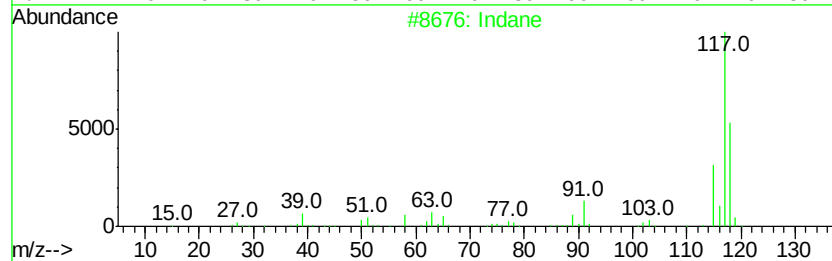
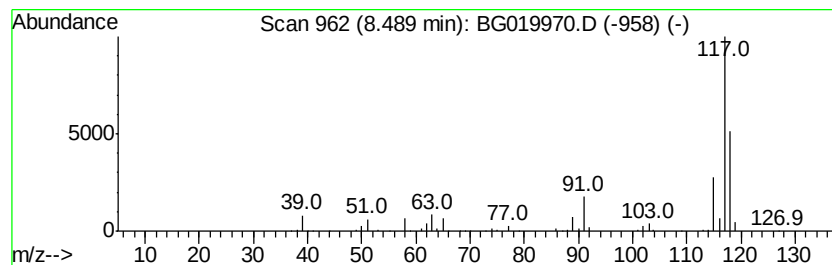
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	25.94 ng	317023	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	87
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	64
4		1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	59
5		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-33

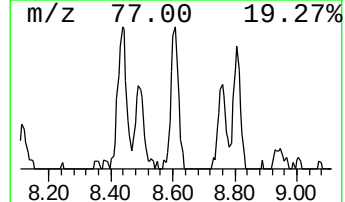
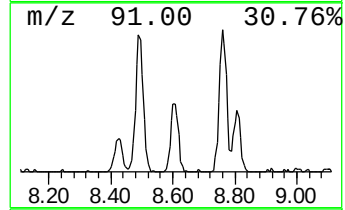
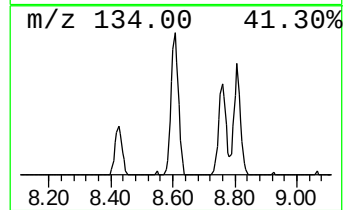
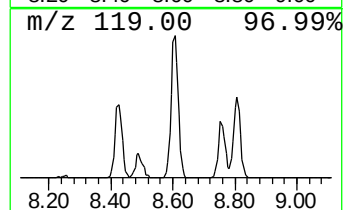
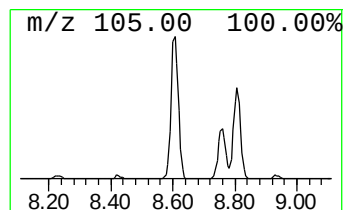
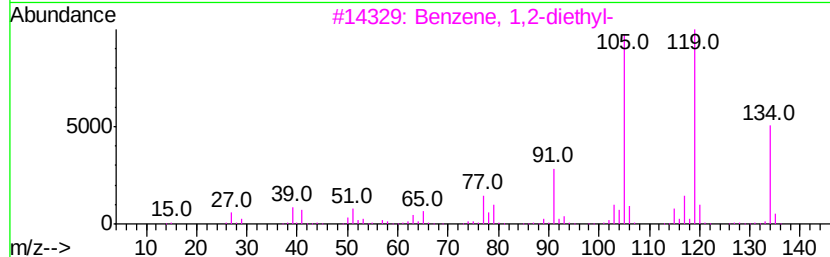
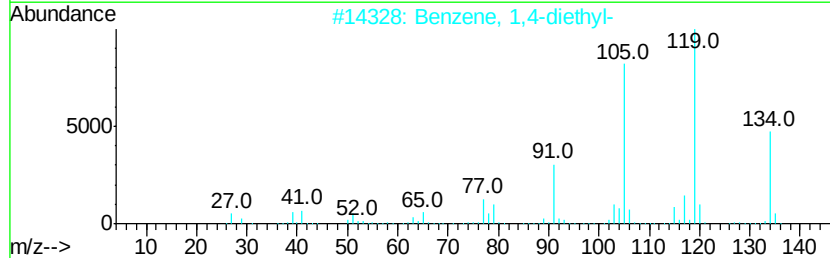
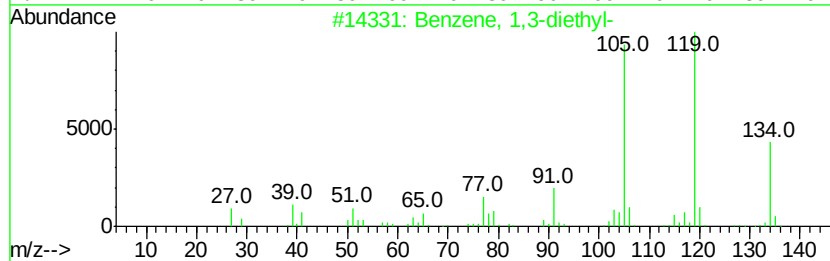
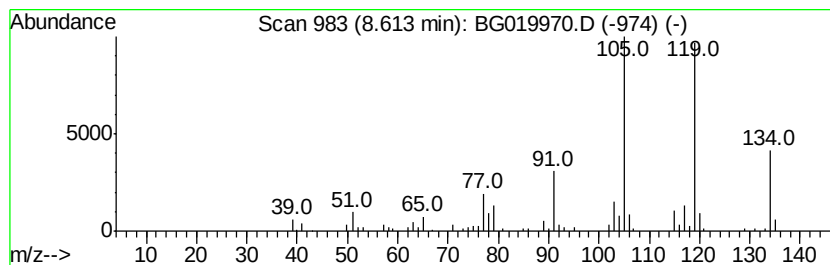
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	11.53 ng	140894	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-33

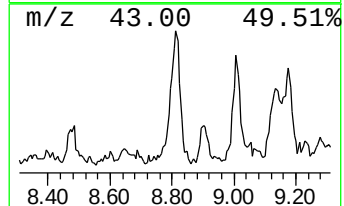
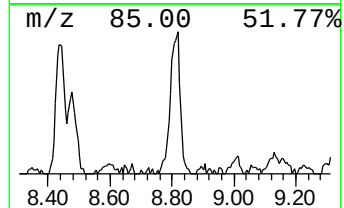
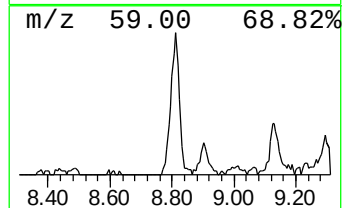
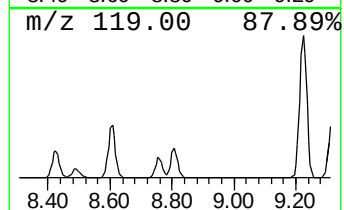
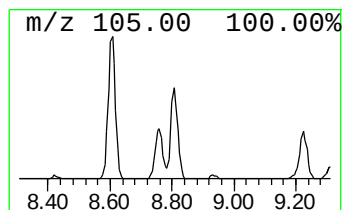
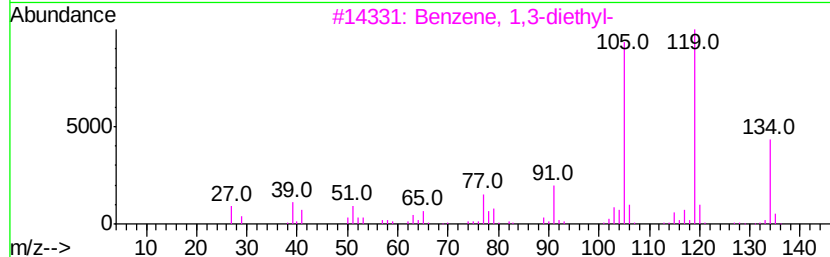
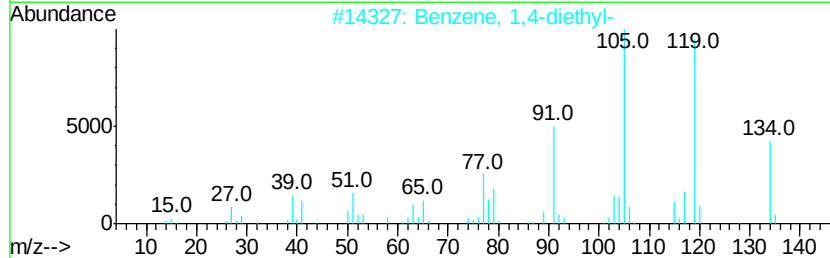
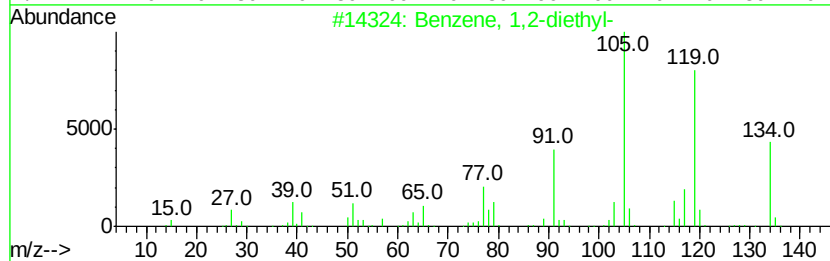
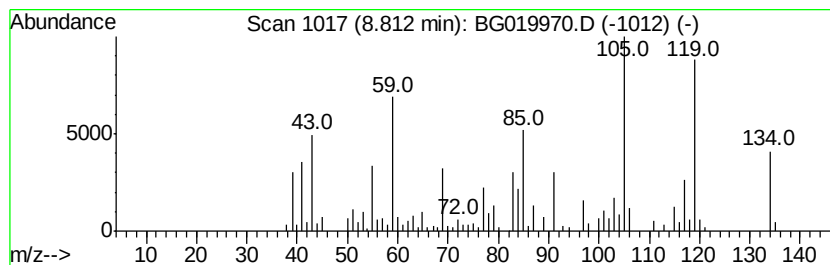
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	15.80 ng	193110	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	60
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-33

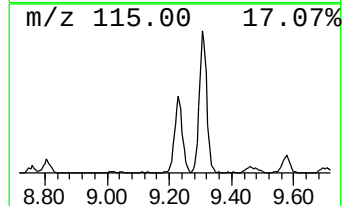
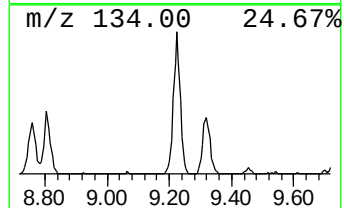
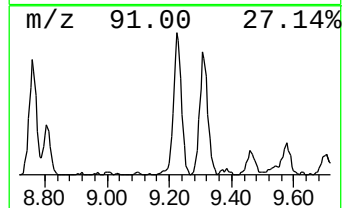
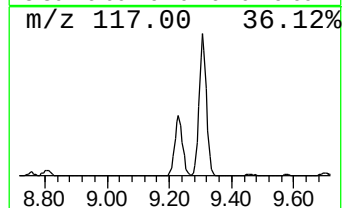
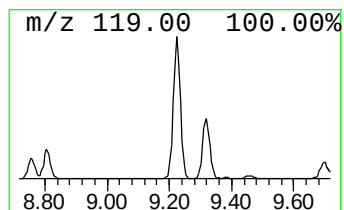
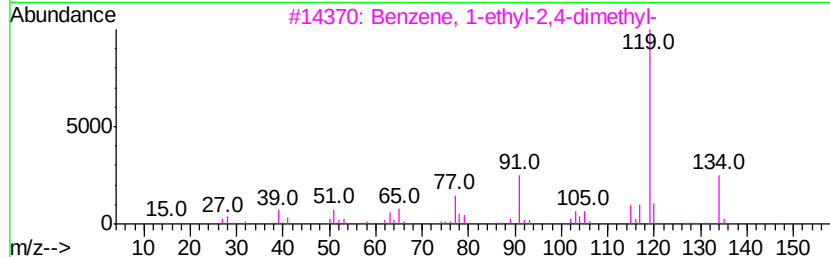
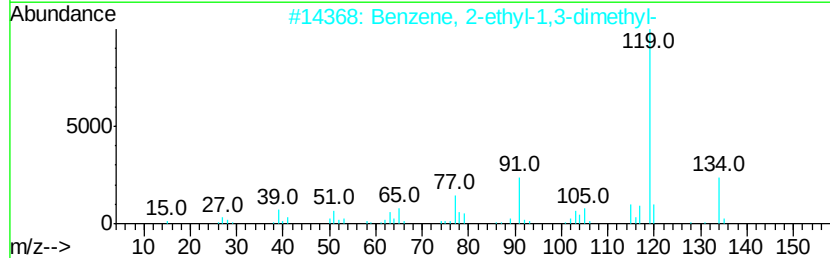
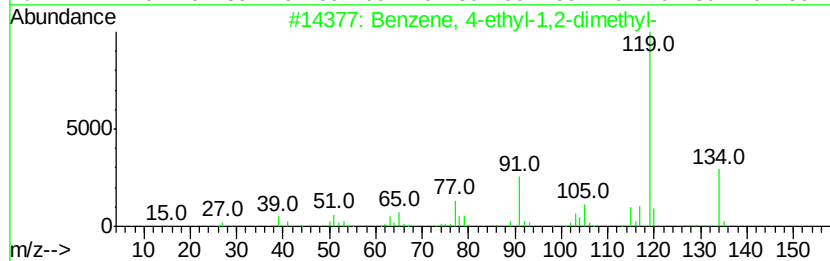
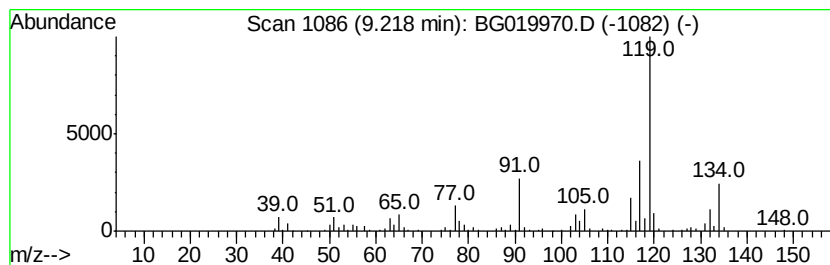
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	27.16 ng	331922	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
4		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	64
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-33

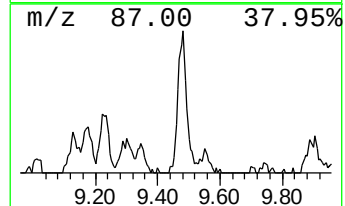
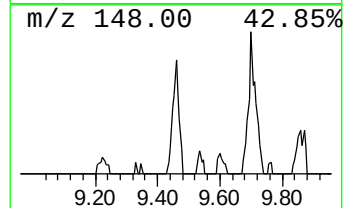
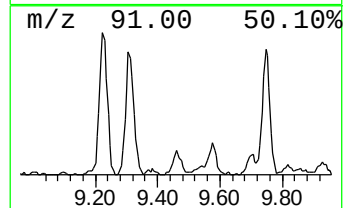
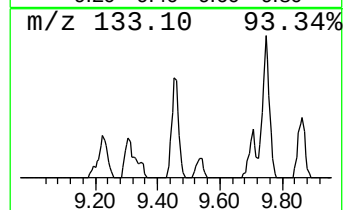
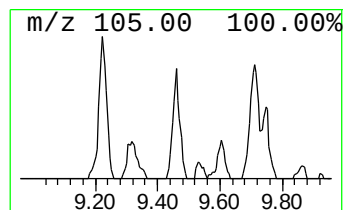
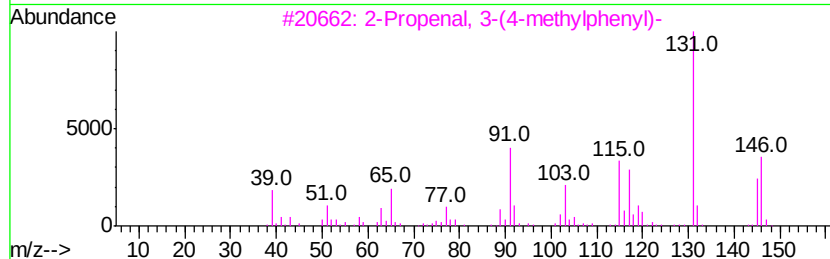
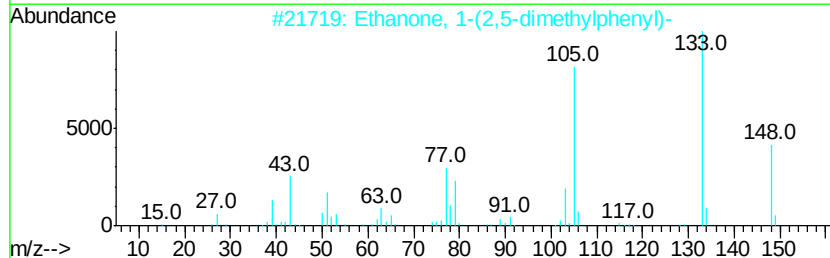
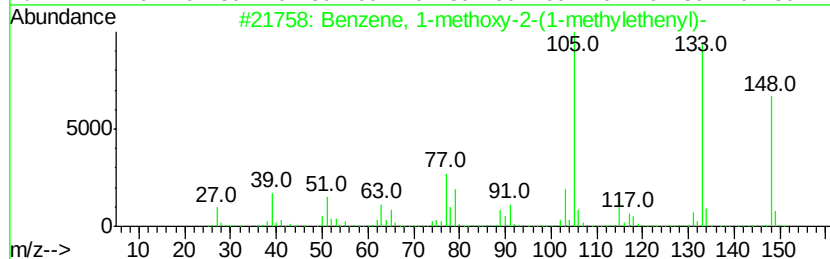
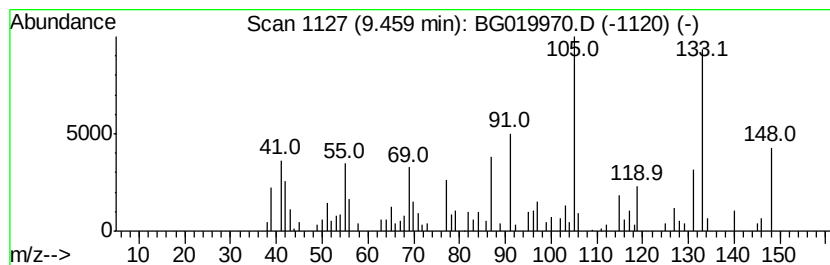
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.46 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	12.13 ng	148258	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	38
2		Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	35
3		2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	25
4		2-tert-Butyltoluene	148	C11H16	001074-92-6	25
5		Benzene, [(2-methyl-2-propenyl)o...	148	C10H12O	005820-22-4	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-33

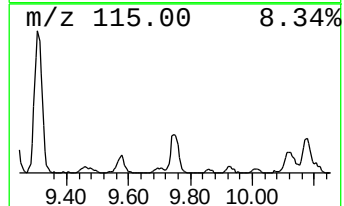
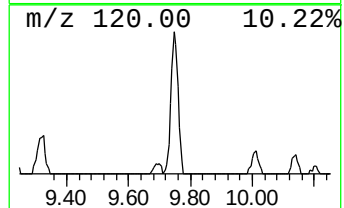
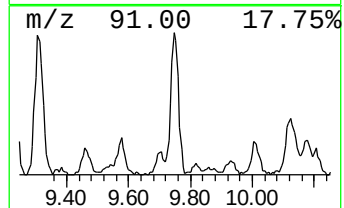
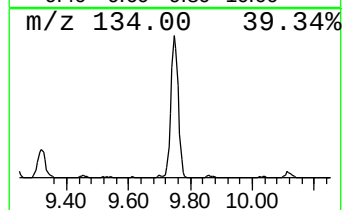
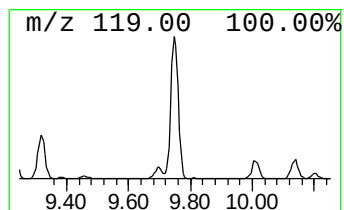
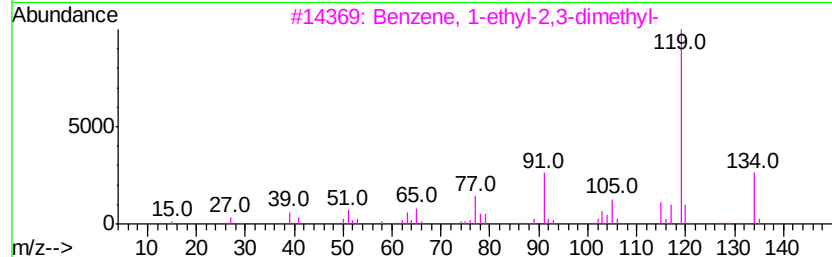
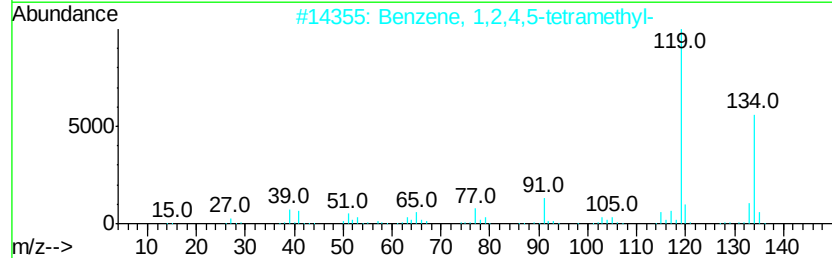
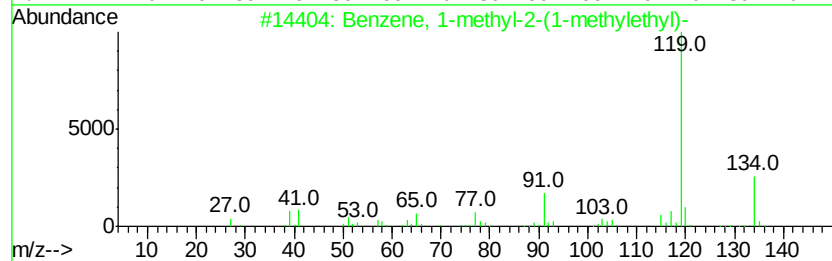
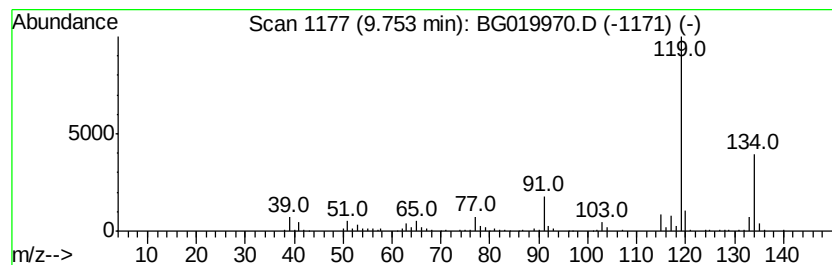
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-methyl-2-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	12.12 ng	326144	Napthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-33

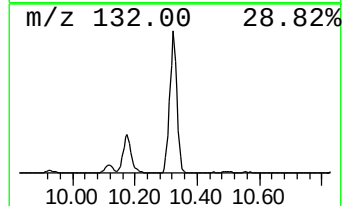
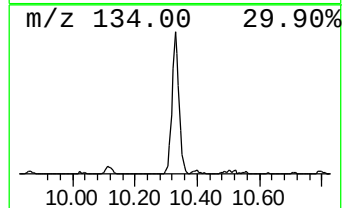
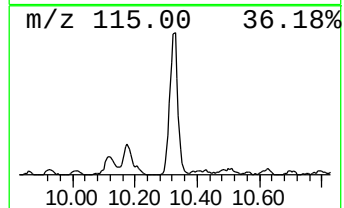
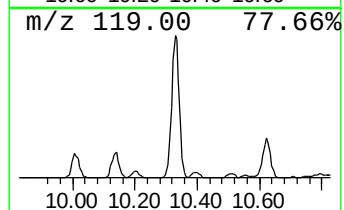
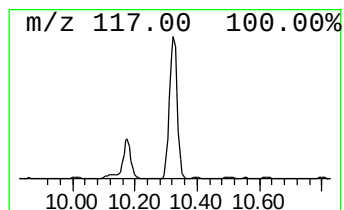
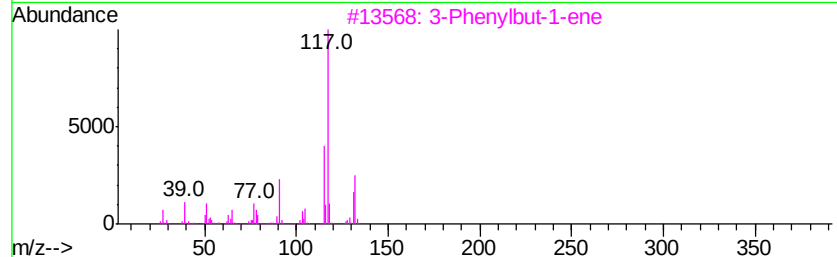
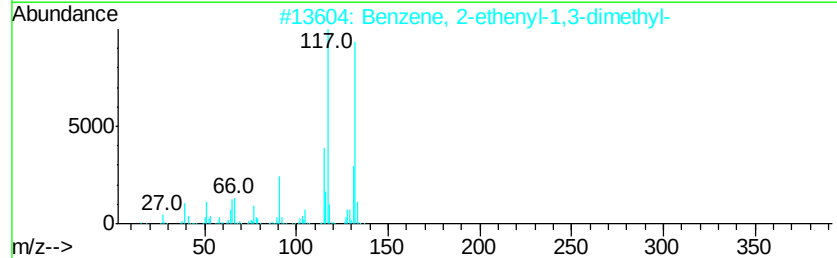
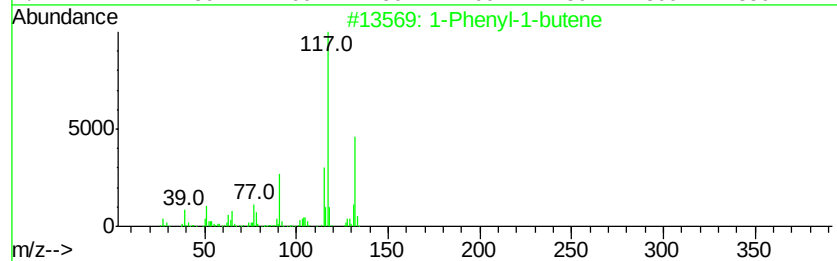
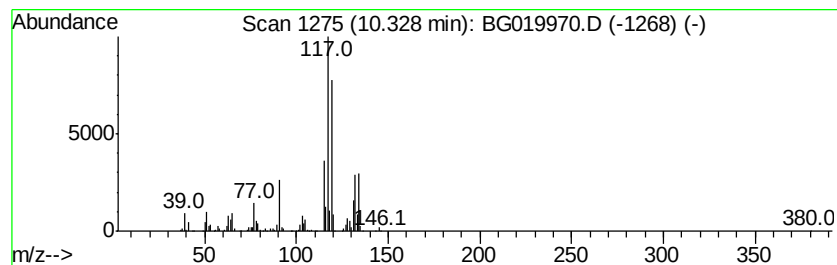
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	22.97 ng	618208	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	60
2		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	60
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	60
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-33

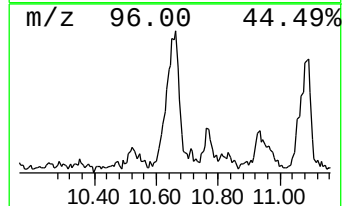
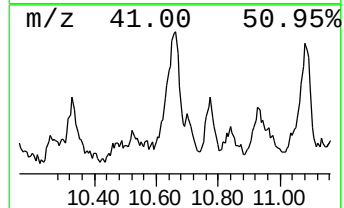
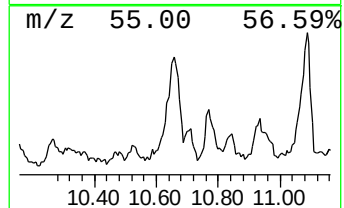
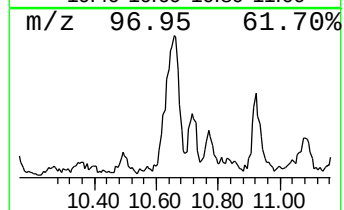
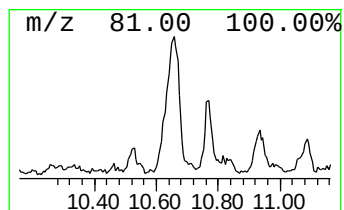
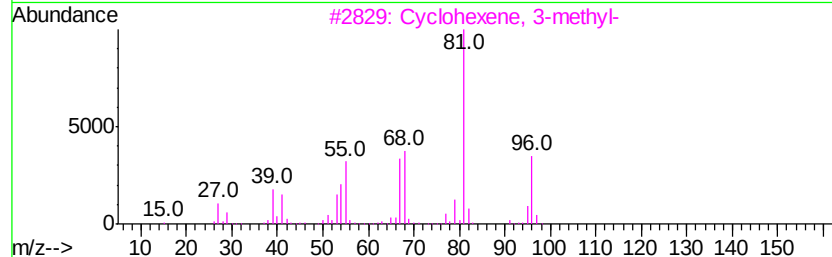
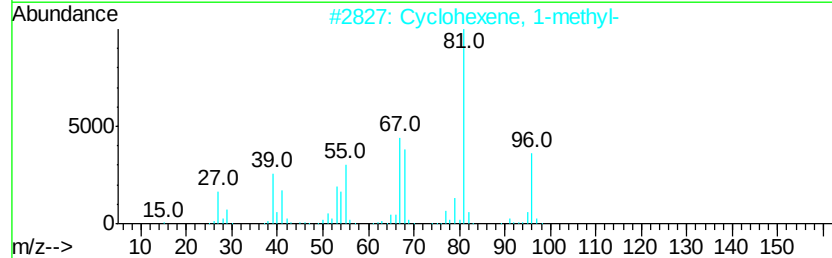
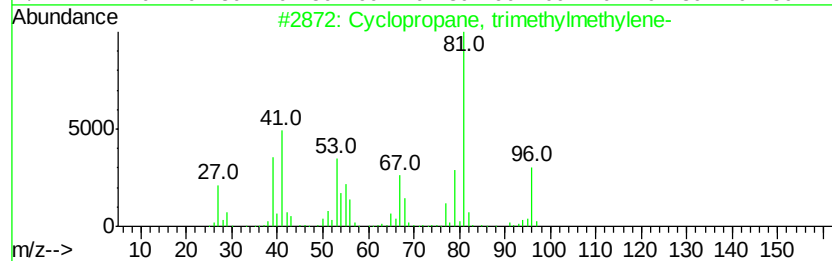
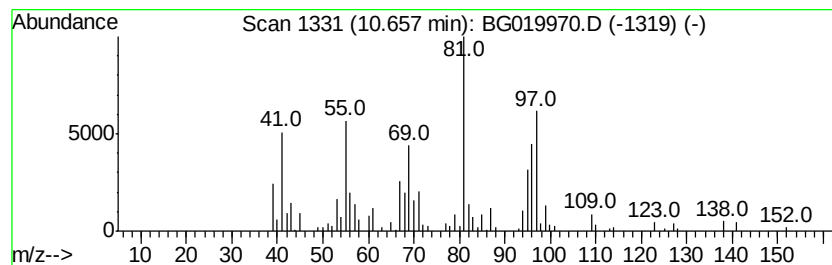
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.66 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	11.14 ng	299857	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, trimethylmethylen-	96	C7H12	034462-28-7	47
2		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	47
3		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	47
4		3-Hepten-1-ol, (E)-	114	C7H14O	002108-05-6	47
5		3-Hepten-1-ol	114	C7H14O	010606-47-0	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-33

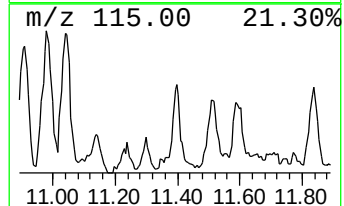
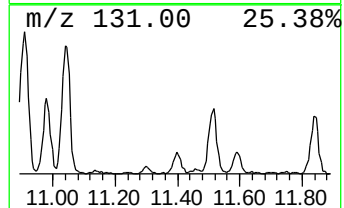
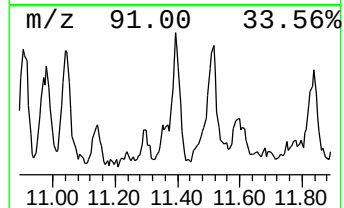
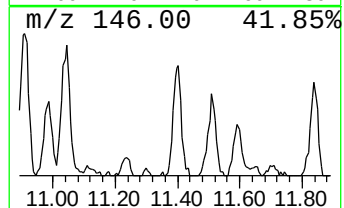
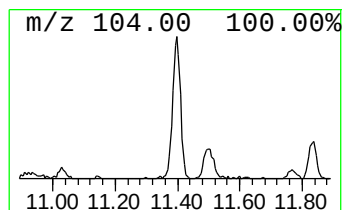
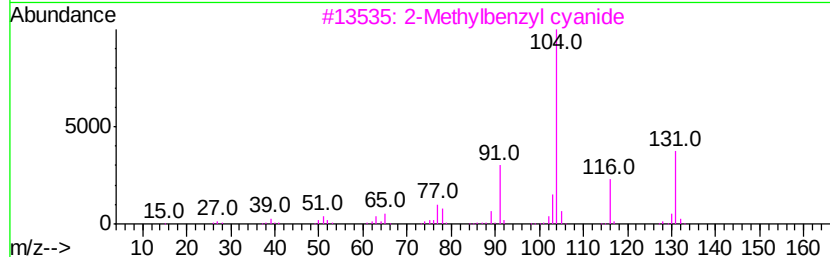
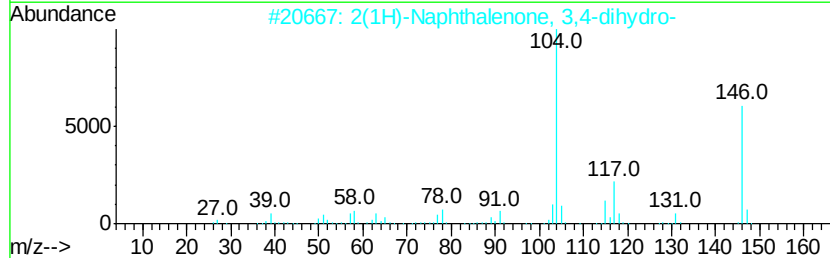
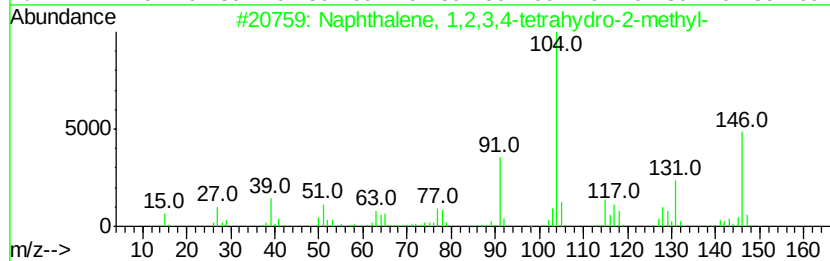
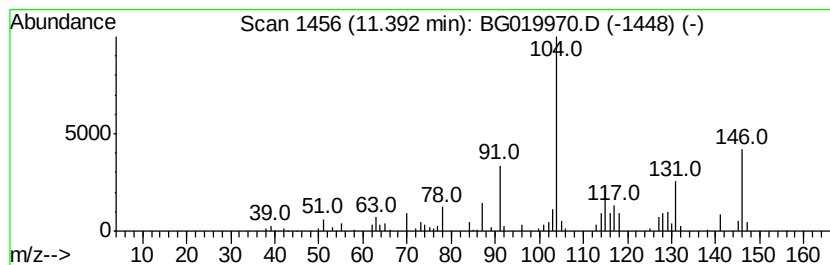
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	10.12 ng	272281	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	86
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	47
3		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	27
4		7-Azabicyclo[4.2.2]deca-2,4,9-tr...	147	C9H9NO	017198-06-0	25
5		Benzene, cyclobutyl-	132	C10H12	004392-30-7	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-33

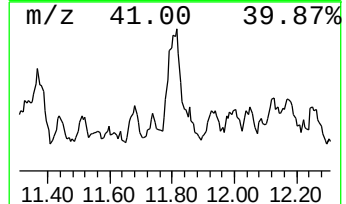
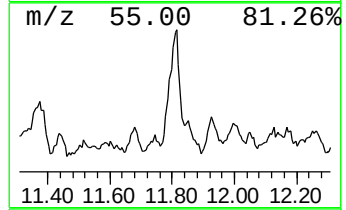
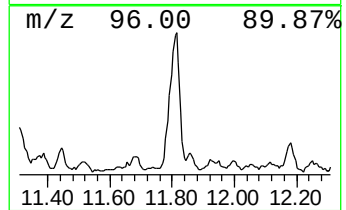
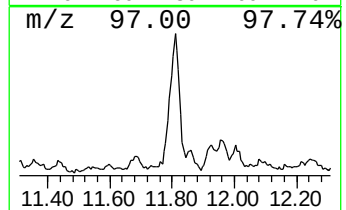
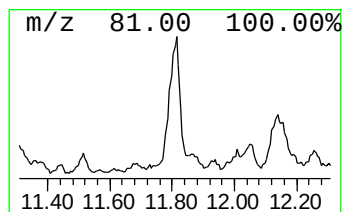
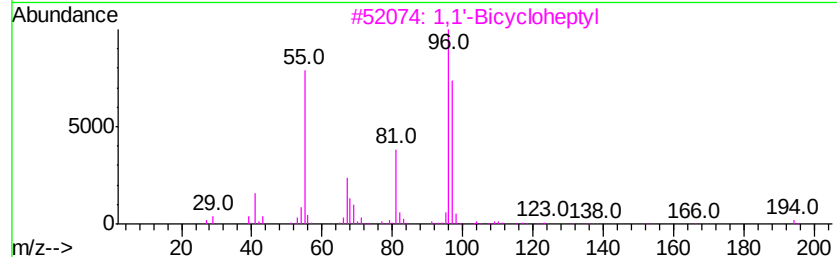
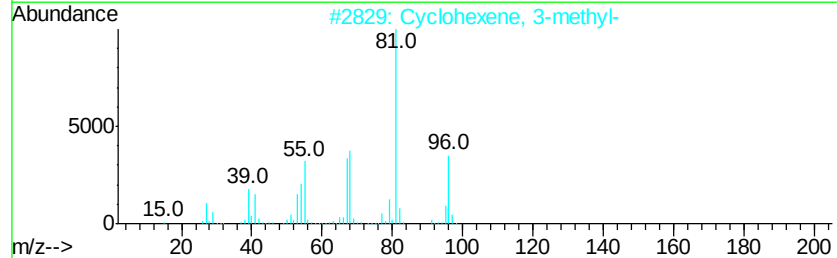
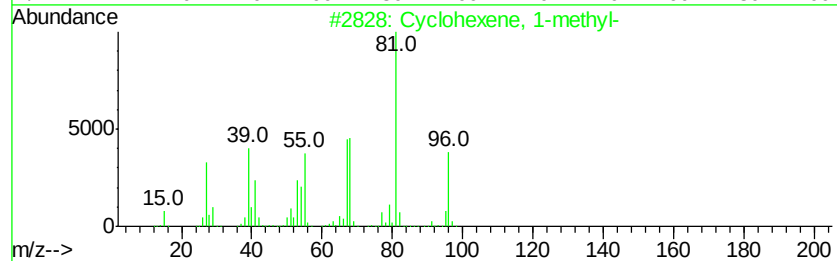
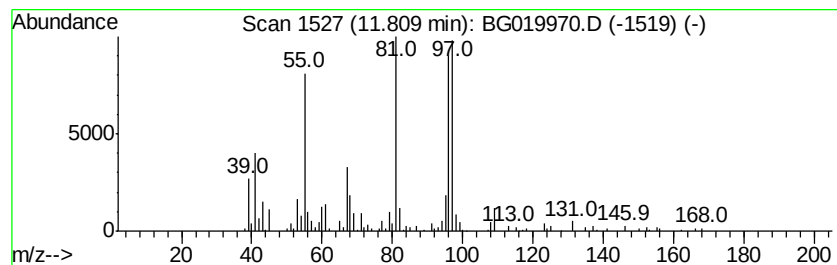
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	18.62 ng	501129	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	52
2		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	47
3		1,1'-Bicycloheptyl	194	C14H26	023183-11-1	47
4		Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	46
5		3-Cyclohexen-1-one, 2,5,5-trimet...	138	C9H14O	058795-34-9	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-33

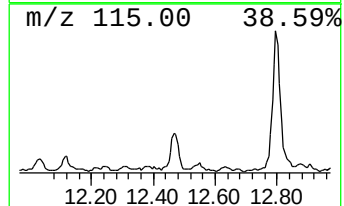
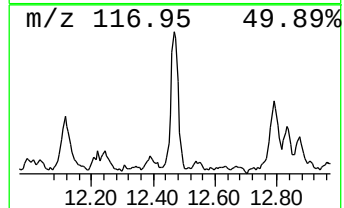
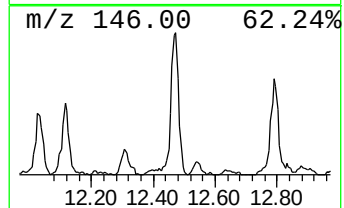
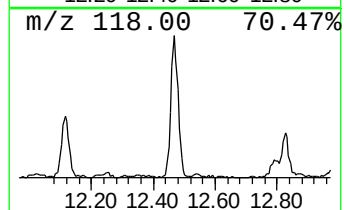
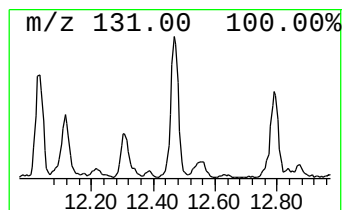
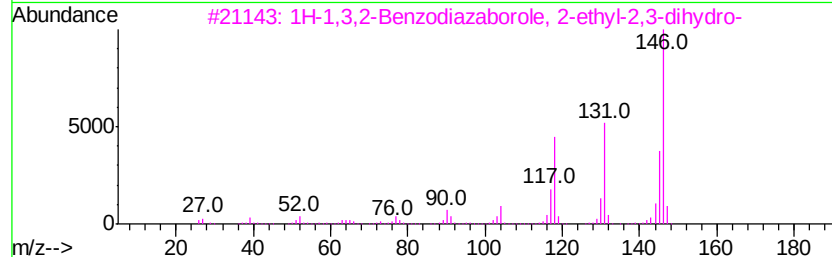
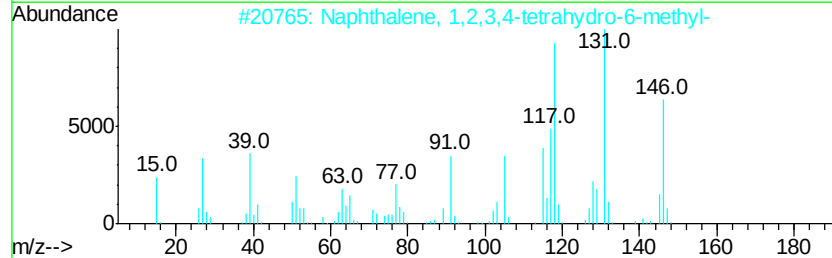
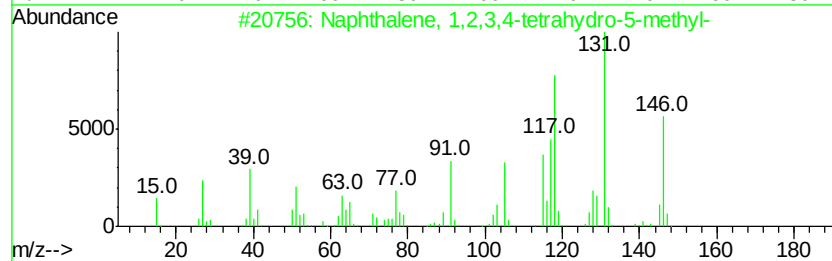
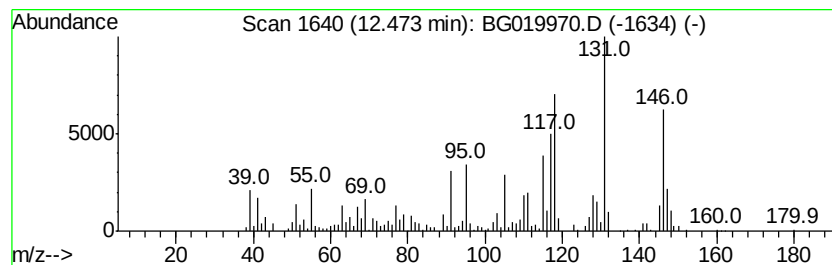
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	14.68 ng	395167	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	92
3		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	46
4		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	43
5		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-33

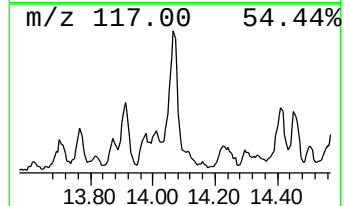
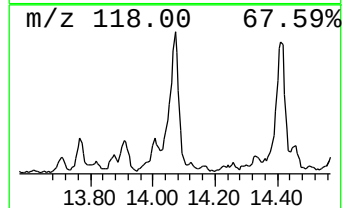
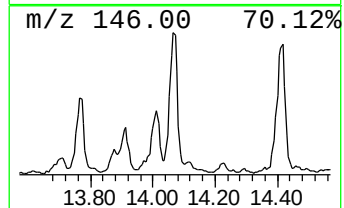
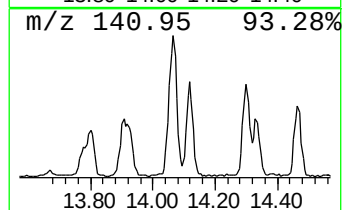
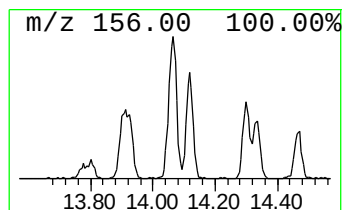
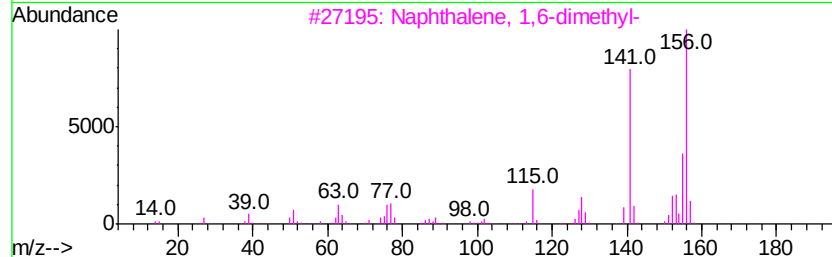
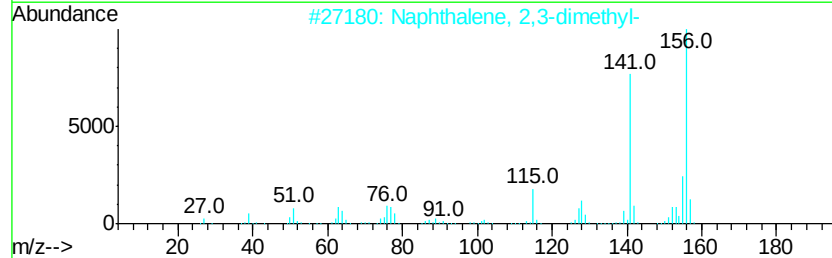
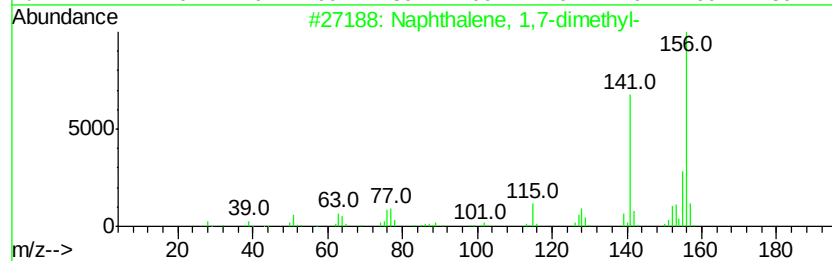
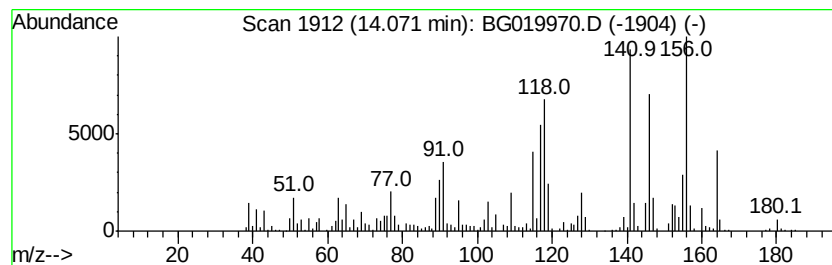
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	15.78 ng	897277	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	87
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-33

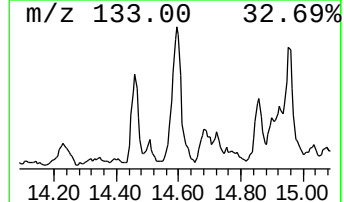
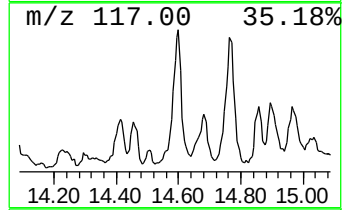
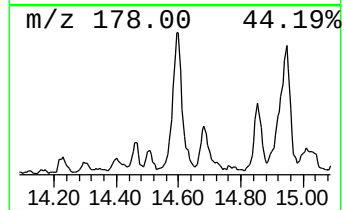
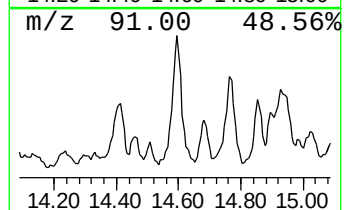
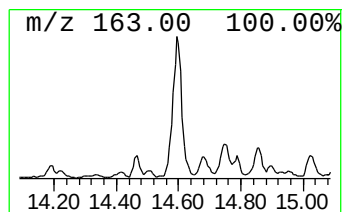
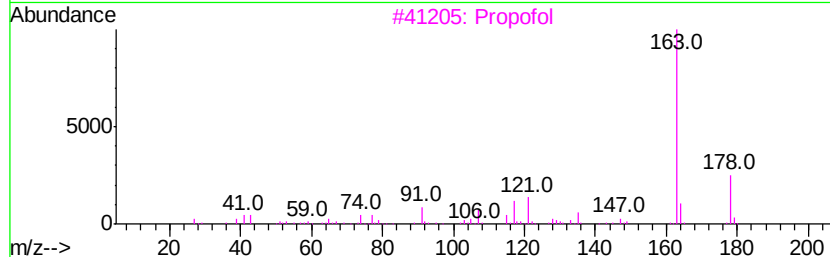
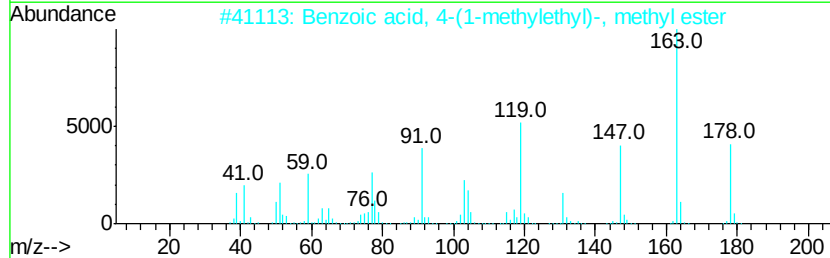
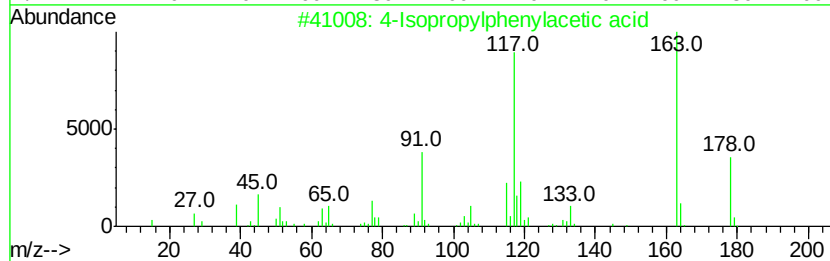
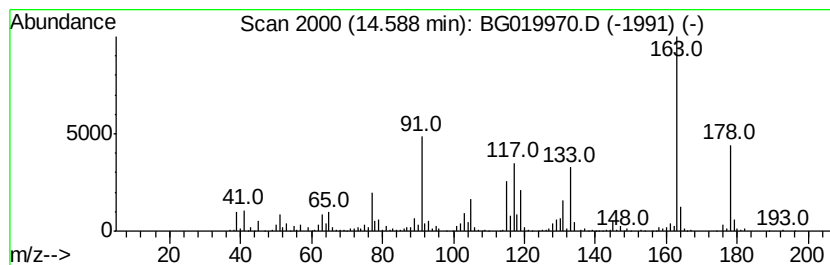
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4-Isopropylphenylacetic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	17.84 ng	1014770	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	89
2		Benzoic acid, 4-(1-methylethyl)-...	178	C11H14O2	020185-55-1	47
3		Propofol	178	C12H18O	002078-54-8	47
4		Silane, triethoxymethyl-	178	C7H18O3Si	002031-67-6	47
5		N1,N1-Diethyl-3-methyl-para-phen...	178	C11H18N2	002051-79-8	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

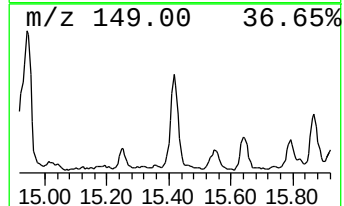
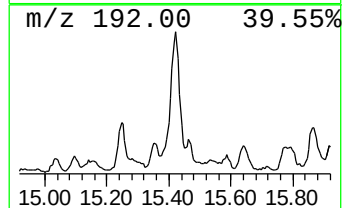
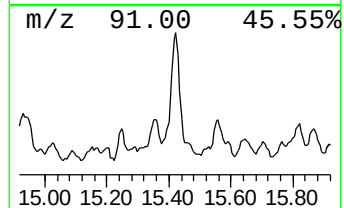
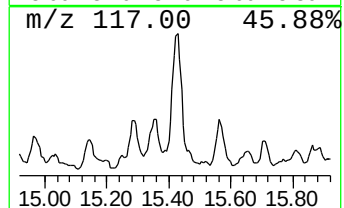
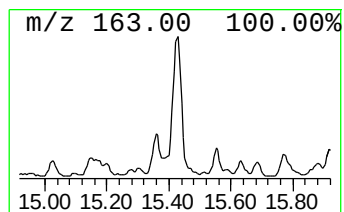
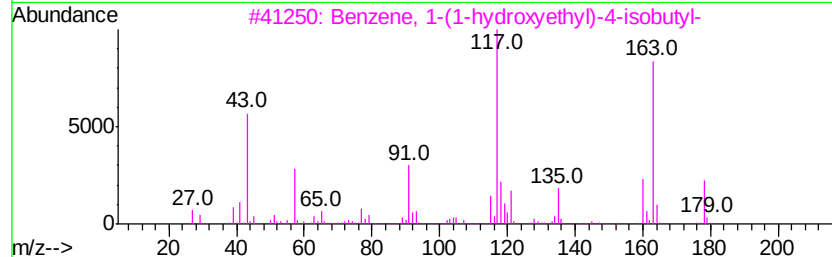
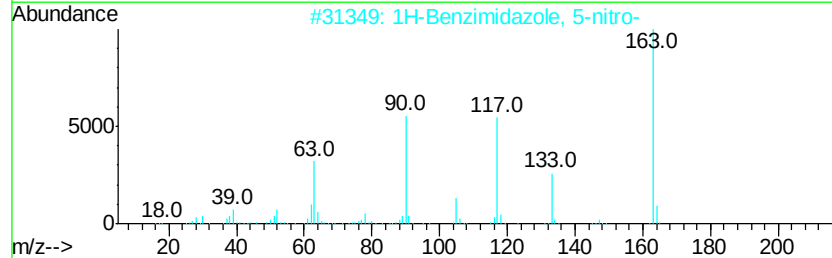
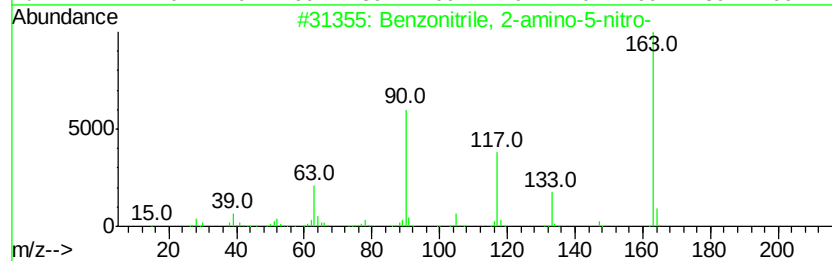
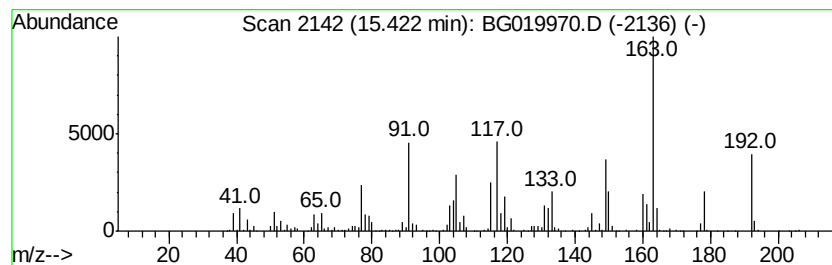
Instrument :
BNA_G
ClientSampleId :
MW-33

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown15.42 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.42	22.54 ng	1281570	Acenaphthene-d10	14.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 2-amino-5-nitro-	163	C7H5N3O2	017420-30-3	30
2	1H-Benzimidazole, 5-nitro-	163	C7H5N3O2	000094-52-0	30
3	Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	22
4	Benzene, 1-(1,1-dimethylethyl)-4...	178	C12H18O	003395-87-7	22
5	1H-Indene, 2,3-dihydro-5-nitro-	163	C9H9NO2	007436-07-9	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-33

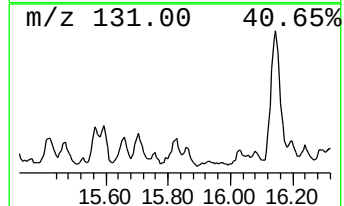
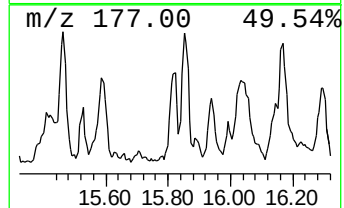
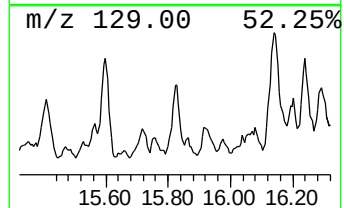
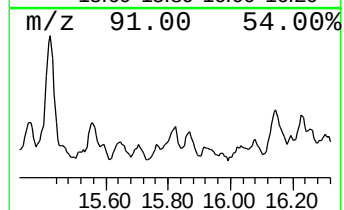
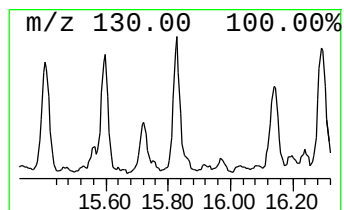
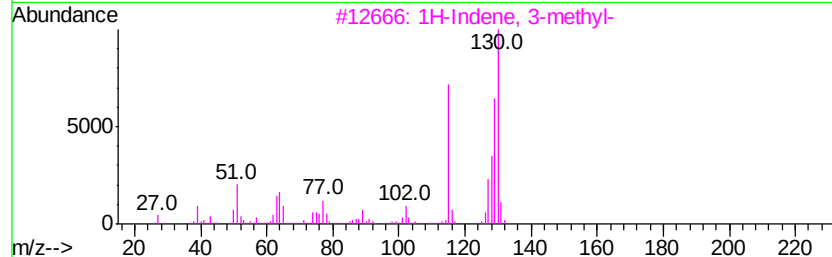
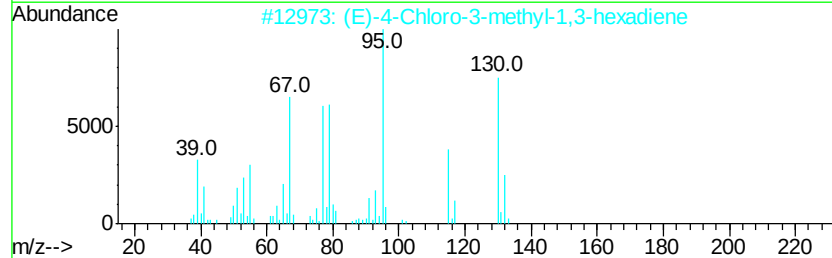
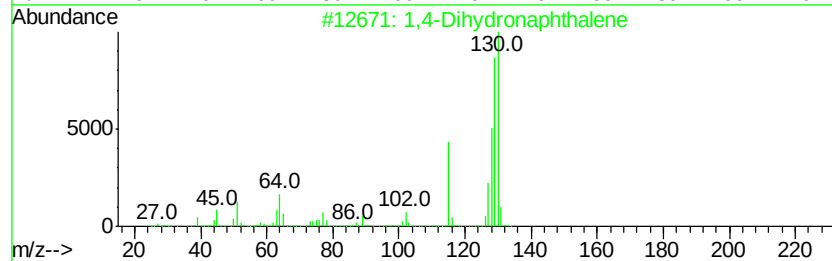
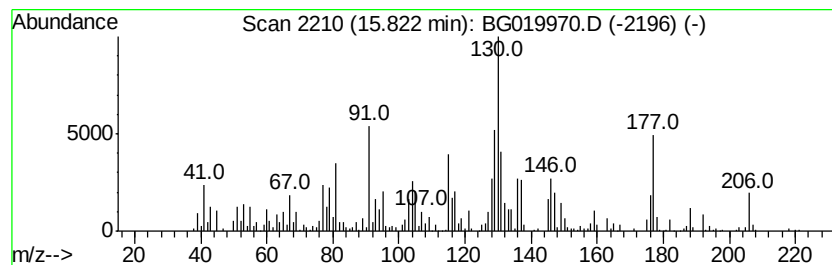
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown15.82 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	15.23 ng	865916	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	25
2		(E)-4-Chloro-3-methyl-1,3-hexadiene	130	C7H11Cl	105949-71-1	25
3		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	25
4		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	25
5		1-Indolinecarboxaldehyde, 2-hydr...	177	C10H11NO2	013303-69-0	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019970.D
Acq On : 6 Dec 2015 17:02
Operator : UM/NP
Sample : G4630-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-33

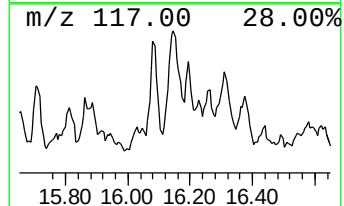
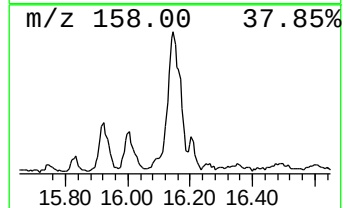
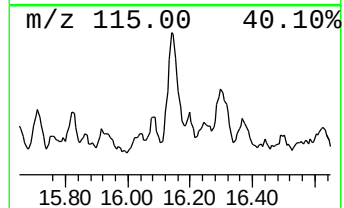
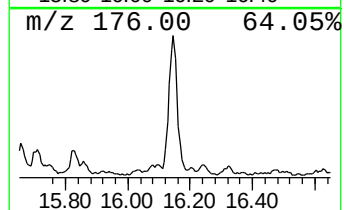
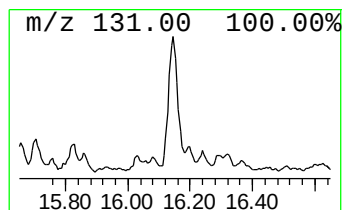
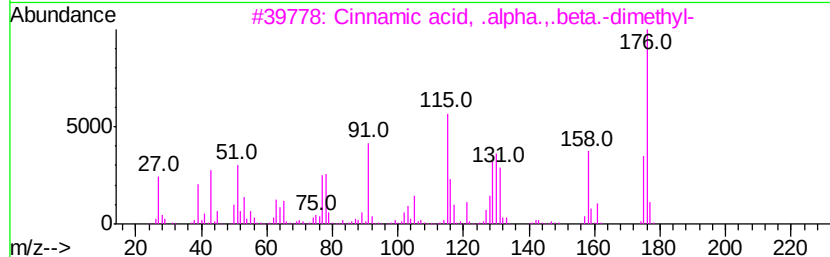
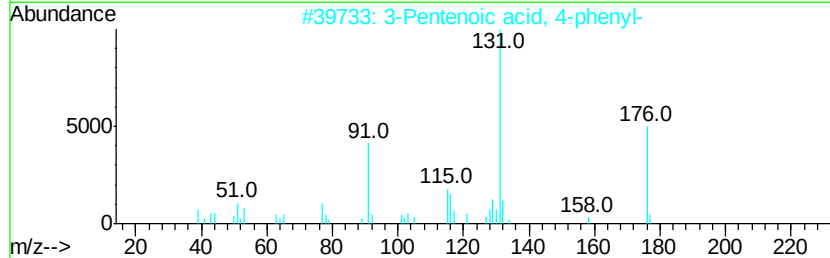
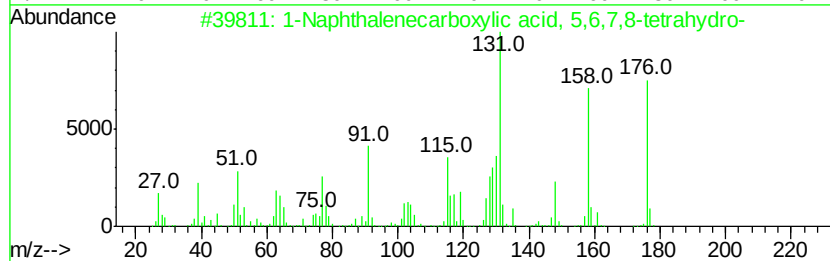
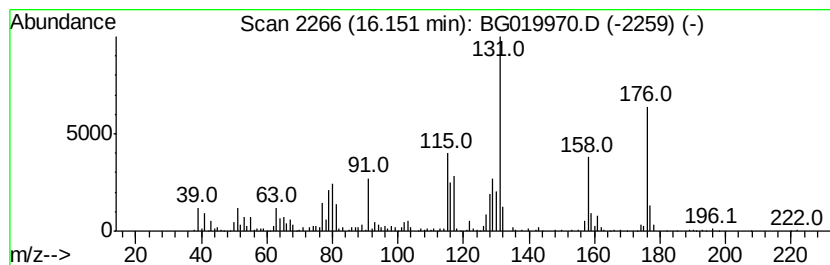
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Naphthalenecarboxylic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	21.04 ng	926815	Phenanthrene-d10	17.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	94
2		3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	47
3		Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	46
4		N,N-Dimethylthiocarbamic acid, 3...	235	C13H17NOS	1000197-43-1	38
5		2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120615\
 Data File : BG019970.D
 Acq On : 6 Dec 2015 17:02
 Operator : UM/NP
 Sample : G4630-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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
unknown7.64	7.64	76.0	ng	929254	1	8.11	244411	20.0
Indane	8.49	25.9	ng	317023	1	8.11	244411	20.0
Benzene, 1,3-diet...	8.61	11.5	ng	140894	1	8.11	244411	20.0
Benzene, 1,2-diet...	8.81	15.8	ng	193110	1	8.11	244411	20.0
Benzene, 4-ethyl-...	9.22	27.2	ng	331922	1	8.11	244411	20.0
unknown9.46	9.46	12.1	ng	148258	1	8.11	244411	20.0
Benzene, 1-methyl...	9.75	12.1	ng	326144	2	10.93	538301	20.0
1-Phenyl-1-butene	10.33	23.0	ng	618208	2	10.93	538301	20.0
unknown10.66	10.66	11.1	ng	299857	2	10.93	538301	20.0
Naphthalene, 1,2,...	11.39	10.1	ng	272281	2	10.93	538301	20.0
Cyclohexene, 1-me...	11.81	18.6	ng	501129	2	10.93	538301	20.0
Naphthalene, 1,2,...	12.47	14.7	ng	395167	2	10.93	538301	20.0
Naphthalene, 1,7-...	14.07	15.8	ng	897277	3	14.75	1137350	20.0
4-Isopropylphenyl...	14.59	17.8	ng	1014770	3	14.75	1137350	20.0
unknown15.42	15.42	22.5	ng	1281570	3	14.75	1137350	20.0
unknown15.82	15.82	15.2	ng	865916	3	14.75	1137350	20.0
1-Naphthalenecarb...	16.15	21.0	ng	926815	4	17.48	880904	20.0