

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020220.D
 Acq On : 16 Dec 2015 11:58
 Operator : UM/SJ
 Sample : G4786-14DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9C87DL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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\SOM02.2-EPA-BG121415.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.104	39	45	59	rBV	1292897	2052648	20.61%	5.879%
2	4.238	231	238	243	rBV	75913	113827	1.14%	0.326%
3	5.584	460	467	475	rBV	1242860	1929337	19.37%	5.526%
4	5.719	482	490	491	rBV	589332	898325	9.02%	2.573%
5	6.089	542	553	563	rBV	697633	1103059	11.08%	3.159%
6	6.571	628	635	643	rBV	53049	81541	0.82%	0.234%
7	7.065	713	719	727	rBV	40336	65131	0.65%	0.187%
8	7.176	727	738	743	rVV	173344	280565	2.82%	0.804%
9	7.235	743	748	753	rVV	153571	247733	2.49%	0.709%
10	7.311	756	761	768	rVB	107816	174883	1.76%	0.501%
11	7.417	772	779	784	rBV	16786	29015	0.29%	0.083%
12	7.476	784	789	796	rVB	77916	124203	1.25%	0.356%
13	7.740	828	834	843	rVV	398844	715380	7.18%	2.049%
14	8.099	888	895	904	rBV2	66177	134033	1.35%	0.384%
15	8.210	908	914	920	rVV	169169	280178	2.81%	0.802%
16	8.275	920	925	933	rVB	89154	143806	1.44%	0.412%
17	8.475	951	959	966	rBV	1068325	1853481	18.61%	5.308%
18	8.533	966	969	974	rVB3	20752	31341	0.31%	0.090%
19	8.645	981	988	995	rVB	1131732	1976507	19.85%	5.661%
20	8.733	995	1003	1008	rBV	38641	63759	0.64%	0.183%
21	8.798	1008	1014	1020	rBV6	15483	28629	0.29%	0.082%
22	8.868	1020	1026	1031	rBV	78948	132564	1.33%	0.380%
23	9.203	1077	1083	1089	rBV	53869	94024	0.94%	0.269%
24	9.280	1089	1096	1103	rVB3	30348	84314	0.85%	0.241%
25	9.468	1120	1128	1133	rBV7	13267	32365	0.32%	0.093%
26	9.526	1133	1138	1143	rVV3	19241	36740	0.37%	0.105%
27	9.791	1177	1183	1189	rVB	41984	72904	0.73%	0.209%
28	9.867	1189	1196	1204	rBV2	16107	28806	0.29%	0.082%
29	9.991	1212	1217	1222	rVB3	22275	37771	0.38%	0.108%
30	10.079	1222	1232	1234	rBV4	26078	51283	0.51%	0.147%
31	10.108	1234	1237	1241	rVB2	26139	35661	0.36%	0.102%
32	10.155	1241	1245	1254	rVB	53624	92368	0.93%	0.265%
33	10.337	1266	1276	1281	rBV3	267678	653627	6.56%	1.872%
34	10.408	1281	1288	1293	rBV2	257990	607936	6.10%	1.741%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020220.D
 Acq On : 16 Dec 2015 11:58
 Operator : UM/SJ
 Sample : G4786-14DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9C87DL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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\SOM02.2-EPA-BG121415.M
 Title : SVOA CALIBRATION

35	10.537	1304	1310	1317	rVB3	57878	114981	1.15%	0.329%
36	10.613	1317	1323	1330	rVB	38272	66974	0.67%	0.192%
37	10.778	1345	1351	1359	rVB	25933	44679	0.45%	0.128%
38	10.919	1364	1375	1376	rVV5	79907	125925	1.26%	0.361%
39	10.995	1377	1388	1395	rVV	4101360	9959105	100.00%	28.522%
40	11.089	1398	1404	1413	rVB	161330	284500	2.86%	0.815%
41	11.730	1507	1513	1517	rBV4	24182	50995	0.51%	0.146%
42	11.947	1541	1550	1553	rBV3	20615	49895	0.50%	0.143%
43	12.006	1553	1560	1565	rVV6	27765	73229	0.74%	0.210%
44	12.094	1570	1575	1583	rVB2	27430	56497	0.57%	0.162%
45	12.288	1602	1608	1616	rVB2	34340	60851	0.61%	0.174%
46	12.458	1632	1637	1647	rVV3	32496	63815	0.64%	0.183%
47	12.564	1647	1655	1662	rVV	599413	982706	9.87%	2.814%
48	12.687	1666	1676	1681	rVV4	70698	149181	1.50%	0.427%
49	12.787	1681	1693	1699	rVV	811863	1435330	14.41%	4.111%
50	12.858	1699	1705	1712	rVV3	80147	147137	1.48%	0.421%
51	12.934	1712	1718	1723	rVV2	23077	43851	0.44%	0.126%
52	12.987	1723	1727	1734	rVB6	16412	31683	0.32%	0.091%
53	13.146	1746	1754	1758	rBV6	20279	43960	0.44%	0.126%
54	13.475	1799	1810	1814	rBV4	37007	94824	0.95%	0.272%
55	13.563	1814	1825	1831	rVB2	108335	225794	2.27%	0.647%
56	13.692	1842	1847	1853	rBV4	23963	48973	0.49%	0.140%
57	13.757	1853	1858	1862	rBV	85686	141153	1.42%	0.404%
58	13.792	1862	1864	1869	rVB2	42617	50782	0.51%	0.145%
59	13.851	1869	1874	1876	rBV3	30309	42591	0.43%	0.122%
60	13.904	1876	1883	1890	rVB4	72148	191201	1.92%	0.548%
61	14.045	1902	1907	1912	rBV	120256	202440	2.03%	0.580%
62	14.103	1912	1917	1918	rBV	62621	85923	0.86%	0.246%
63	14.121	1918	1920	1926	rVB	83811	109487	1.10%	0.314%
64	14.280	1942	1947	1951	rBV	52329	81259	0.82%	0.233%
65	14.315	1951	1953	1961	rVB7	20868	36047	0.36%	0.103%
66	14.421	1963	1971	1974	rBV	79997	148743	1.49%	0.426%
67	14.491	1980	1983	1988	rVV	31670	41802	0.42%	0.120%
68	14.726	2012	2023	2028	rBV3	191212	351383	3.53%	1.006%
69	14.791	2028	2034	2040	rVV	131782	206114	2.07%	0.590%
70	15.120	2084	2090	2096	rVB3	34164	56192	0.56%	0.161%
71	15.202	2096	2104	2107	rBV	339551	606167	6.09%	1.736%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0
Filtering: 5
Min Area: 0.1 % 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\SOM02.2-EPA-BG121415.M
Title : SVOA CALIBRATION

72	15.249	2107	2112	2118	rVV	284305	581923	5.84%	1.667%
73	15.314	2118	2123	2125	rVV2	24076	43431	0.44%	0.124%
74	15.343	2126	2128	2134	rVB3	22570	32485	0.33%	0.093%
75	15.502	2149	2155	2158	rBV7	16399	28928	0.29%	0.083%
76	15.590	2166	2170	2175	rVB	24540	35551	0.36%	0.102%
77	15.713	2186	2191	2196	rBV	125725	193481	1.94%	0.554%
78	15.766	2196	2200	2206	rVV	109240	181125	1.82%	0.519%
79	15.825	2206	2210	2214	rVB	27934	42502	0.43%	0.122%
80	15.978	2230	2236	2242	rBV5	17554	33847	0.34%	0.097%
81	16.078	2245	2253	2262	rVB8	16076	45164	0.45%	0.129%
82	16.183	2262	2271	2276	rBV	26757	45238	0.45%	0.130%
83	16.407	2301	2309	2313	rBV5	65619	149078	1.50%	0.427%
84	16.442	2313	2315	2320	rVV2	40737	62755	0.63%	0.180%
85	16.559	2330	2335	2340	rBV4	26765	40234	0.40%	0.115%
86	16.683	2351	2356	2359	rBV2	20445	32873	0.33%	0.094%
87	17.282	2453	2458	2463	rVB2	29998	46574	0.47%	0.133%
88	17.347	2463	2469	2475	rVB2	36116	59826	0.60%	0.171%
89	17.470	2480	2490	2493	rVV	261192	413984	4.16%	1.186%
90	17.511	2493	2497	2501	rVV	165012	243996	2.45%	0.699%
91	17.564	2501	2506	2510	rVV	126465	195935	1.97%	0.561%
92	17.599	2510	2512	2515	rVV	29982	37079	0.37%	0.106%
93	17.640	2515	2519	2530	rVB2	99416	177016	1.78%	0.507%
94	17.870	2552	2558	2563	rVB	26727	39039	0.39%	0.112%
95	18.387	2642	2646	2652	rVB2	20162	32442	0.33%	0.093%
96	18.533	2664	2671	2676	rBV5	15995	38921	0.39%	0.111%
97	19.844	2889	2894	2905	rBV3	134913	210509	2.11%	0.603%
98	21.736	3209	3216	3223	rBV	280258	475856	4.78%	1.363%
99	24.779	3722	3734	3744	rBV	63931	175730	1.76%	0.503%
100	25.002	3762	3772	3784	rBV2	153584	427432	4.29%	1.224%

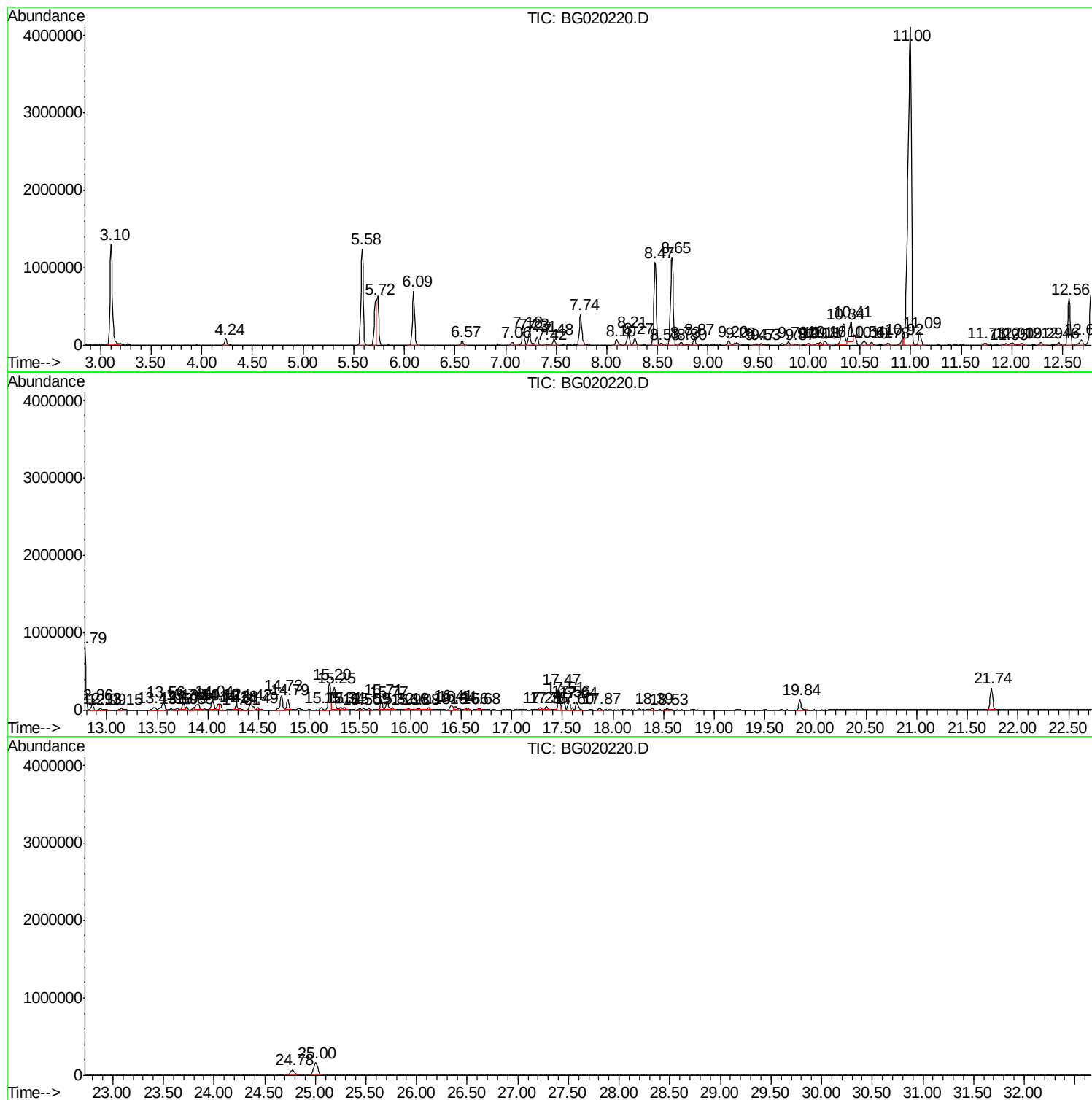
Sum of corrected areas: 34916867

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

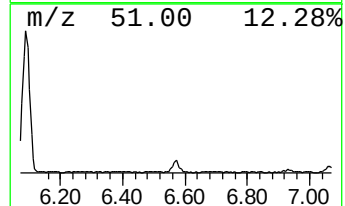
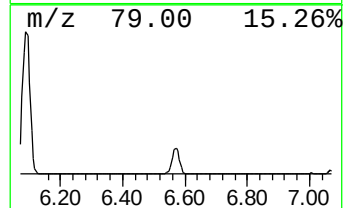
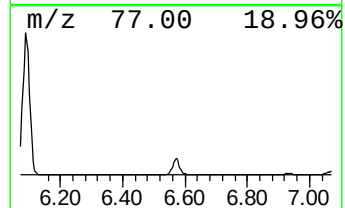
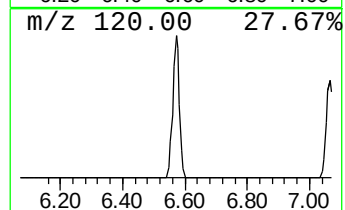
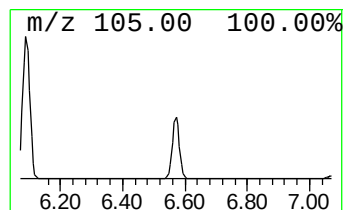
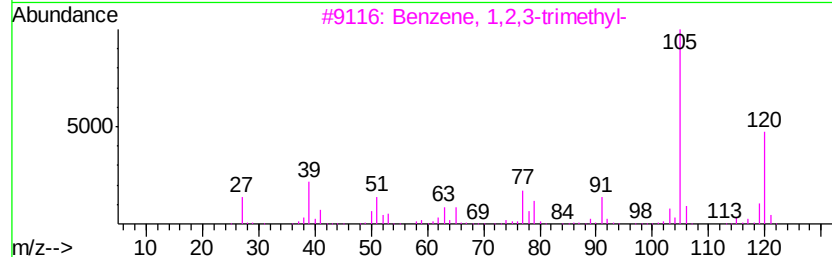
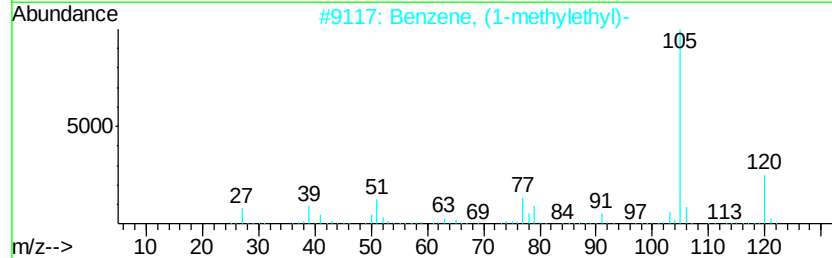
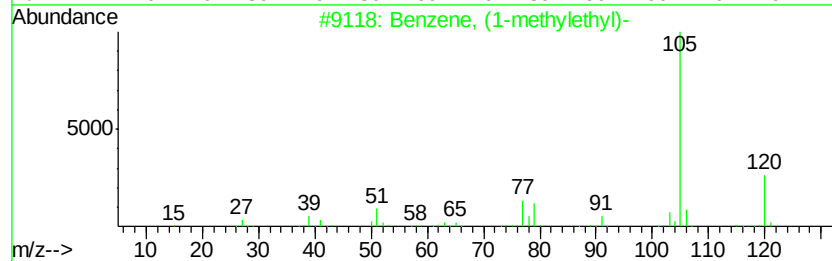
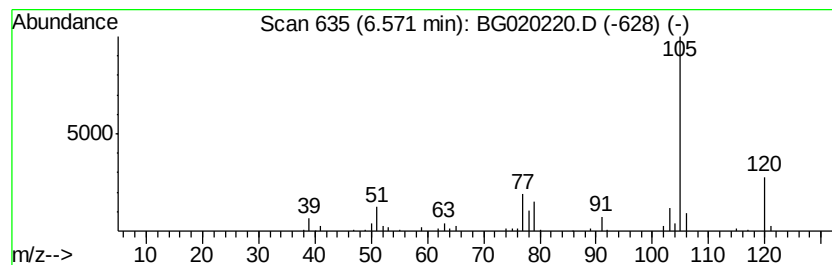
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	12.17 ng/ul	81541	1,4-Dichlorobenzene-d4	8.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	81
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

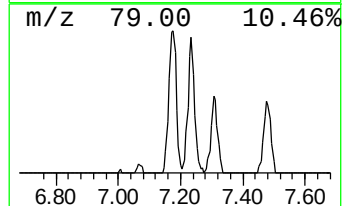
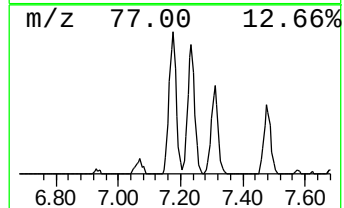
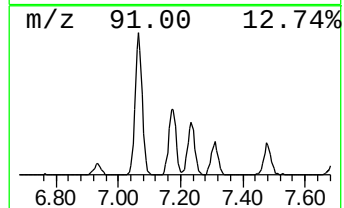
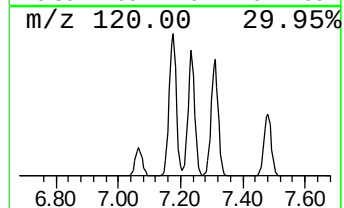
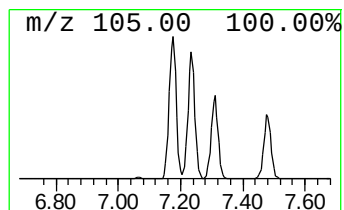
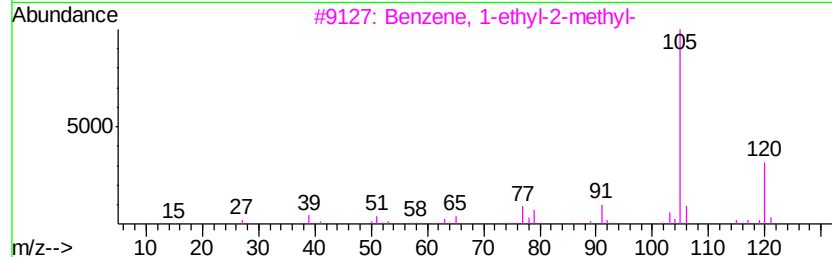
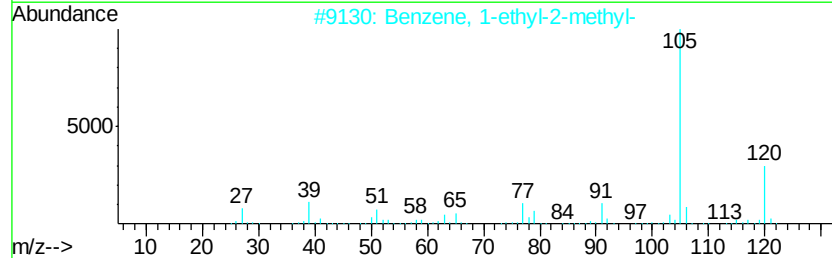
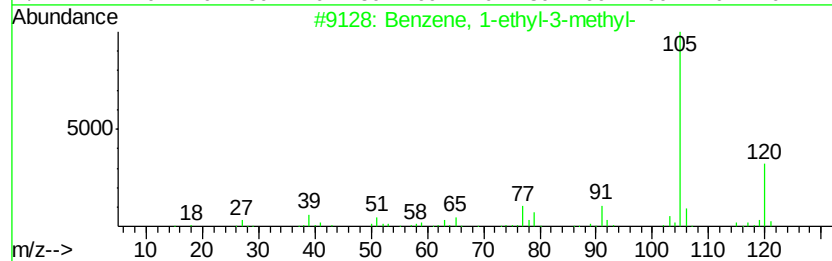
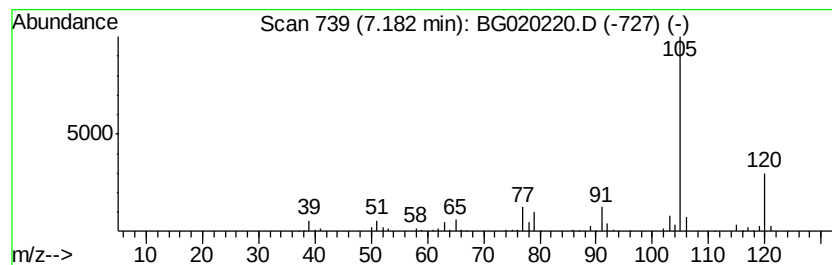
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	41.87 ng/ul	280565	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

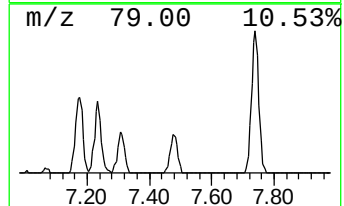
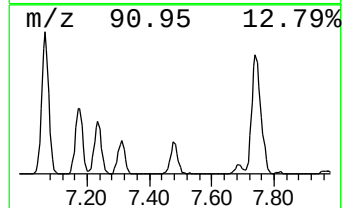
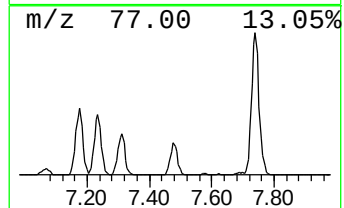
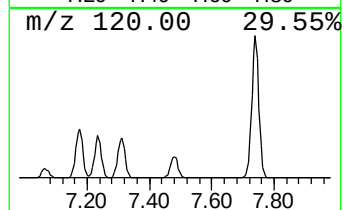
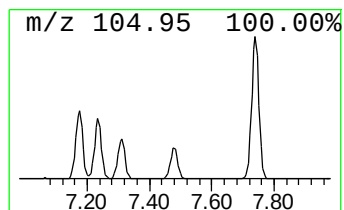
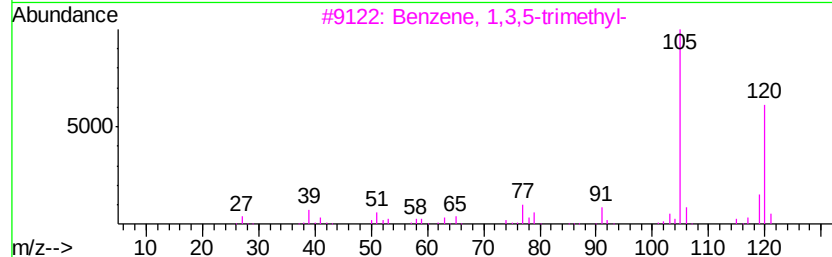
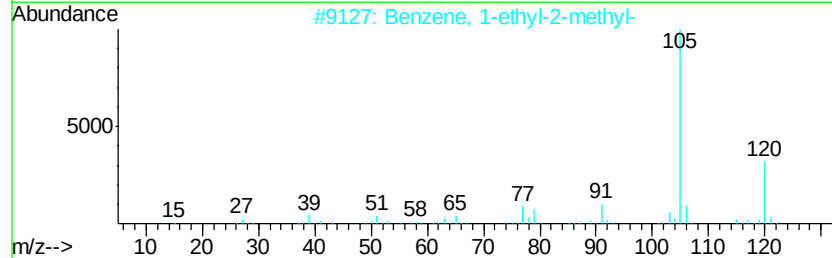
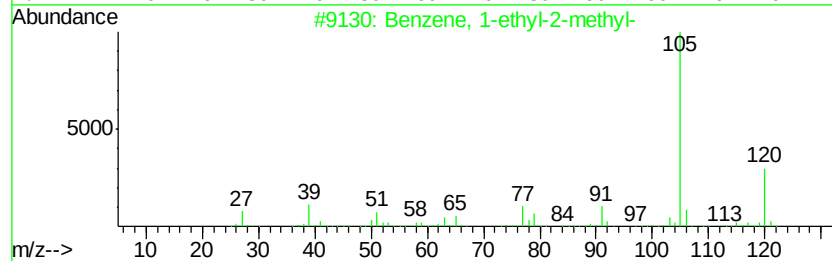
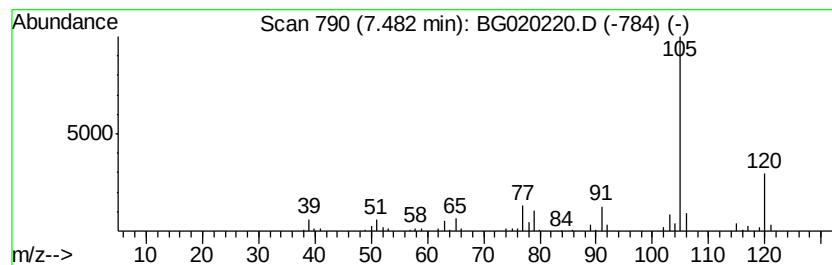
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	18.53 ng/ul	124203	1,4-Dichlorobenzene-d4	8.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

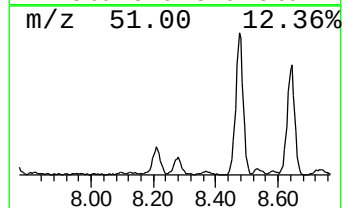
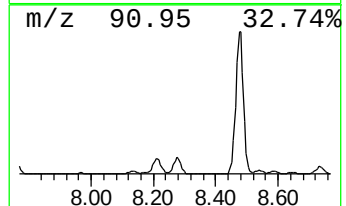
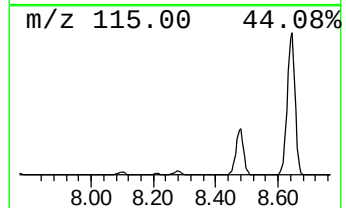
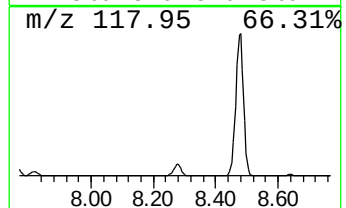
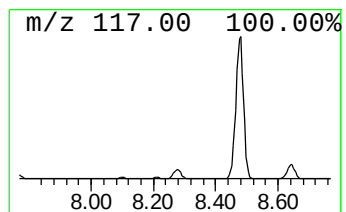
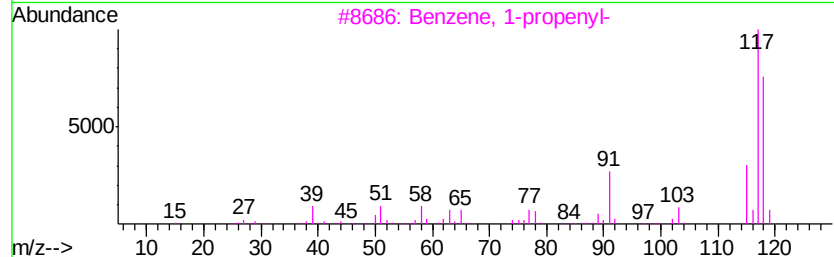
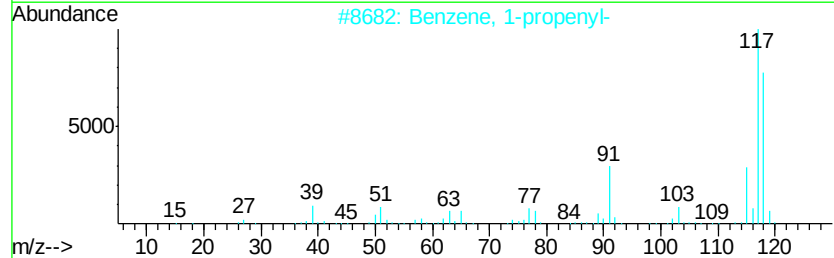
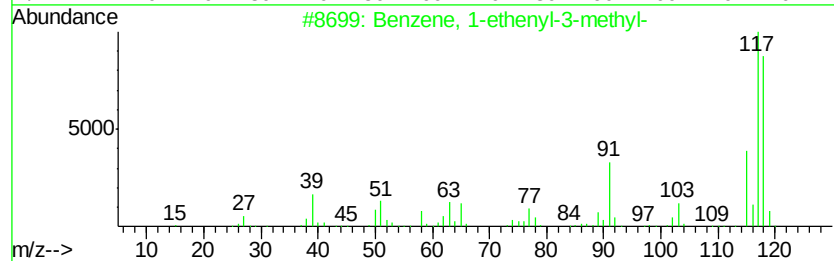
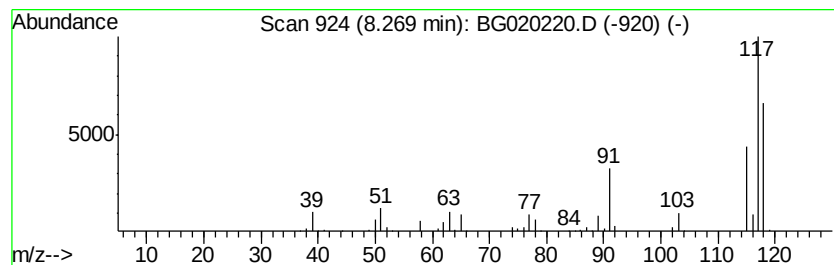
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzene, 1-ethenyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	21.46 ng/ul	143806	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
2		Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	89



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

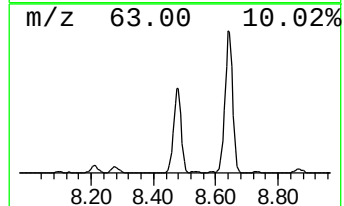
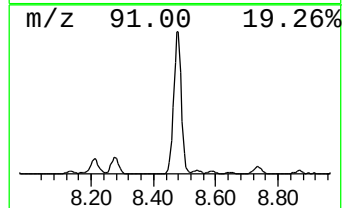
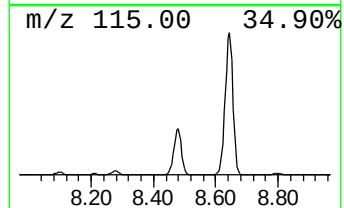
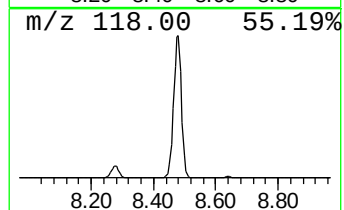
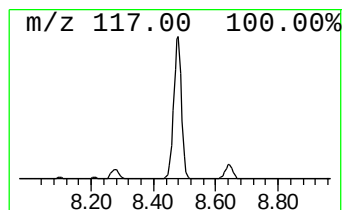
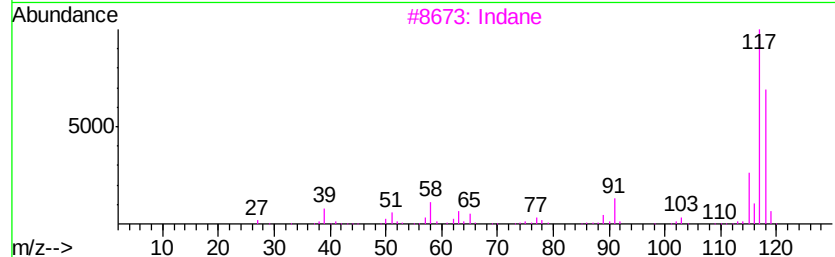
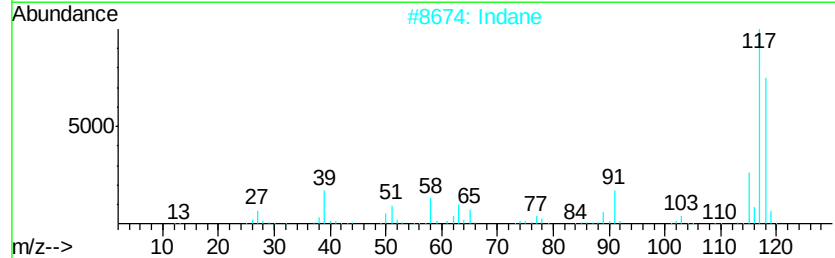
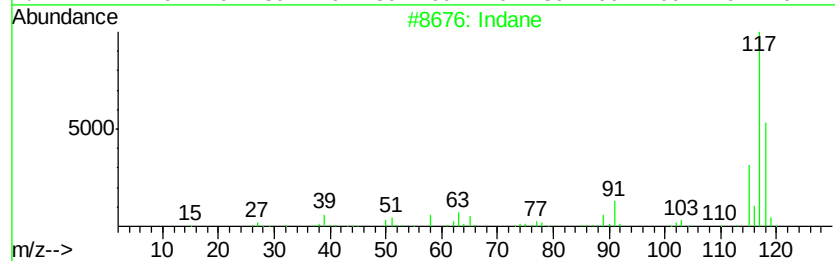
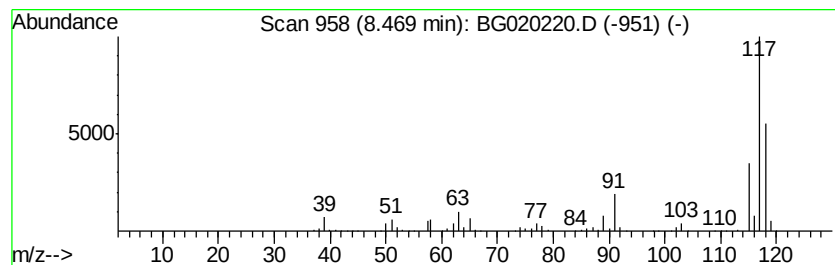
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	276.57 ng/ul	1853480	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	94
2		Indane	118	C9H10	000496-11-7	91
3		Indane	118	C9H10	000496-11-7	74
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

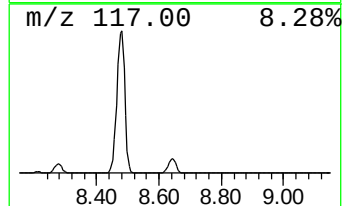
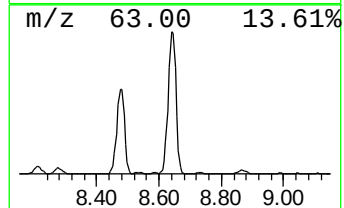
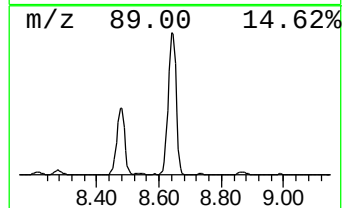
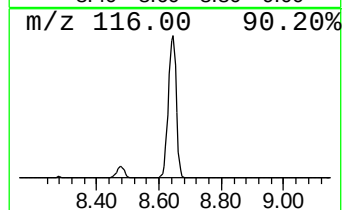
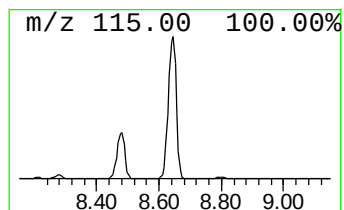
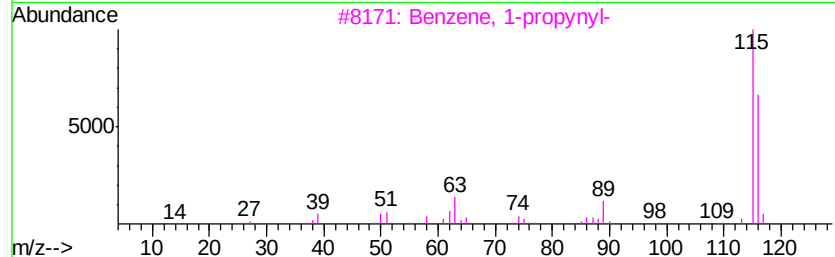
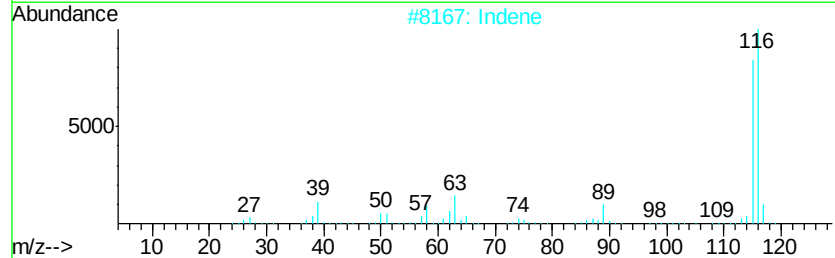
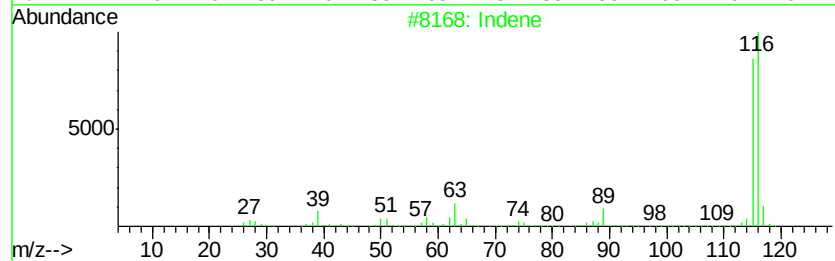
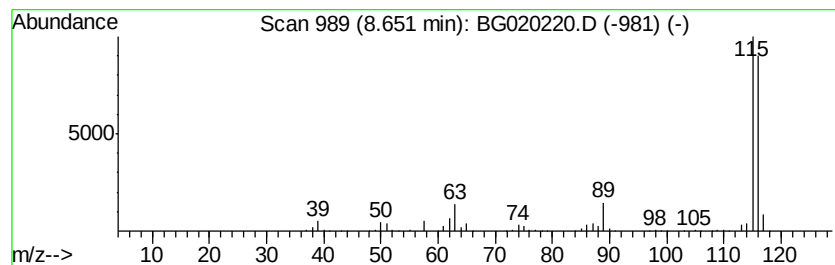
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	294.93 ng/ul	1976510	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Indene	116	C9H8	000095-13-6	95
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

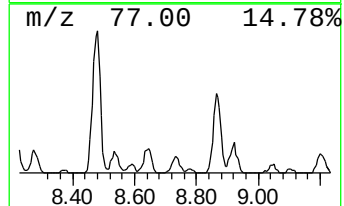
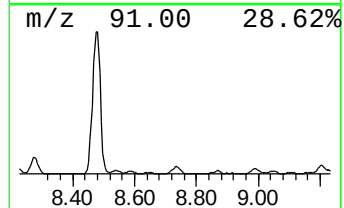
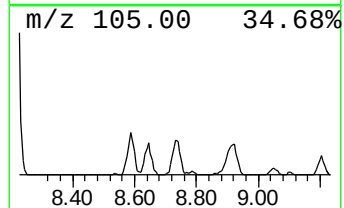
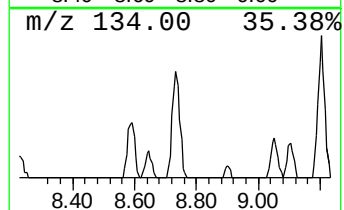
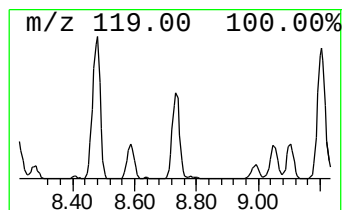
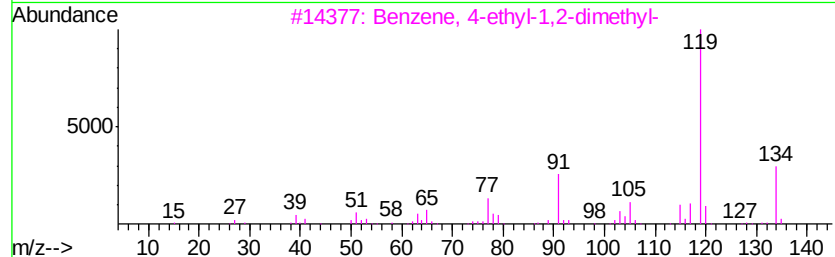
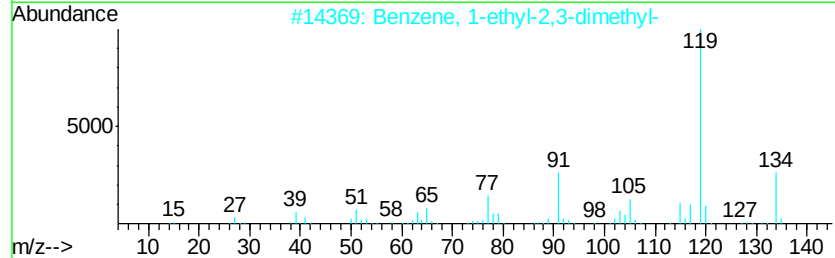
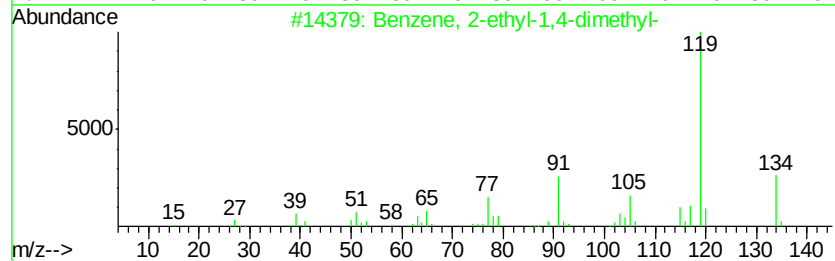
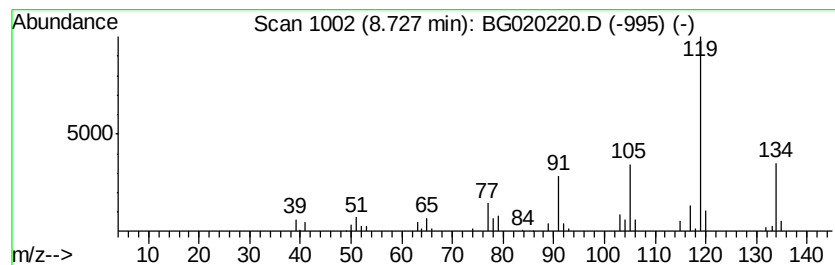
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	9.51 ng/ul	63759	1,4-Dichlorobenzene-d4	8.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
G9C87DL

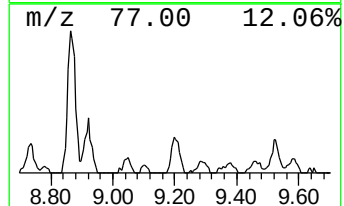
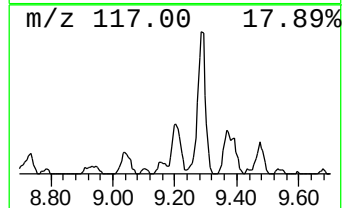
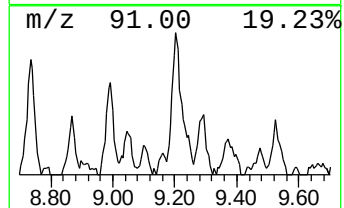
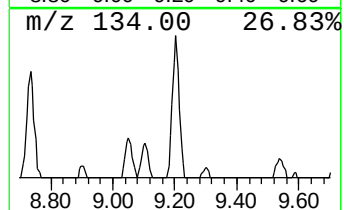
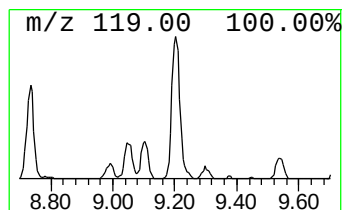
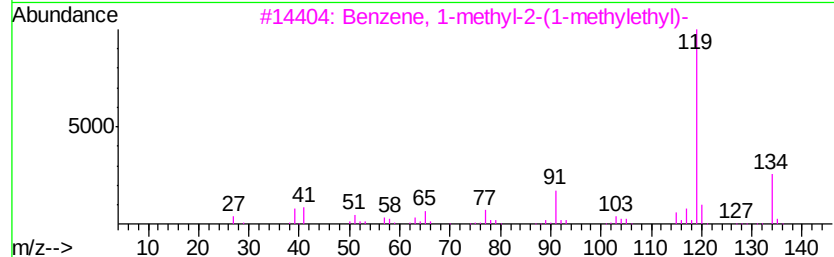
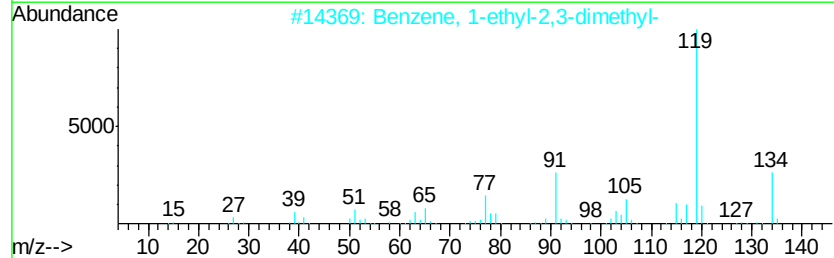
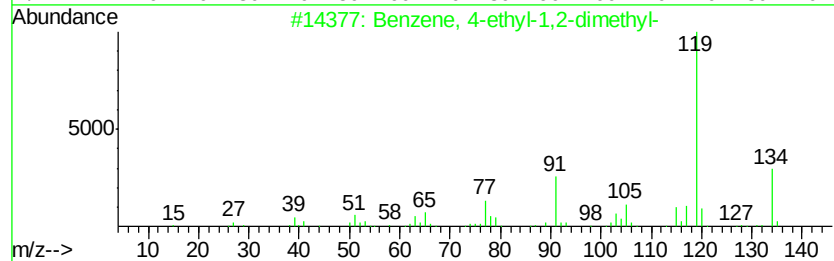
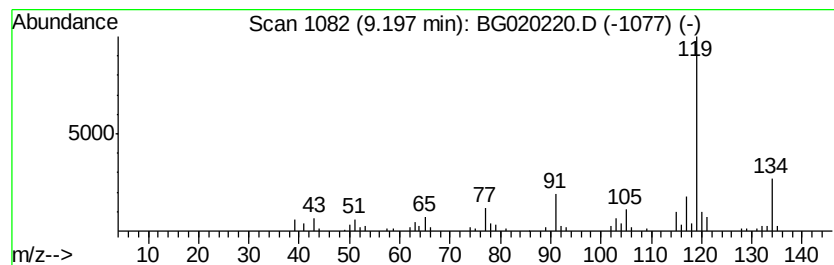
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	14.03 ng/ul	94024	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

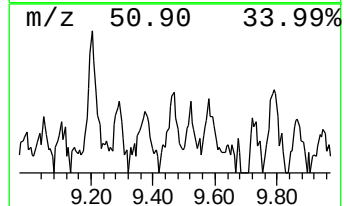
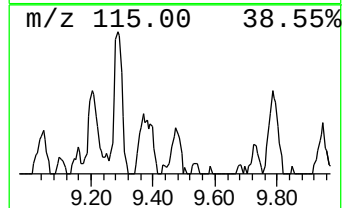
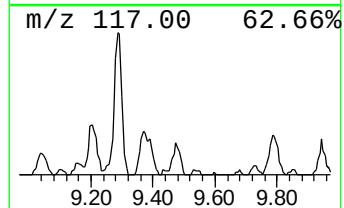
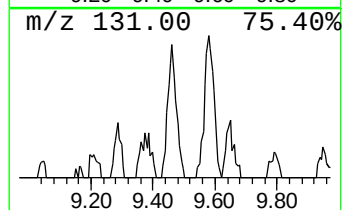
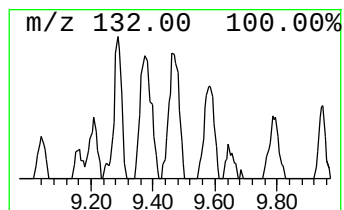
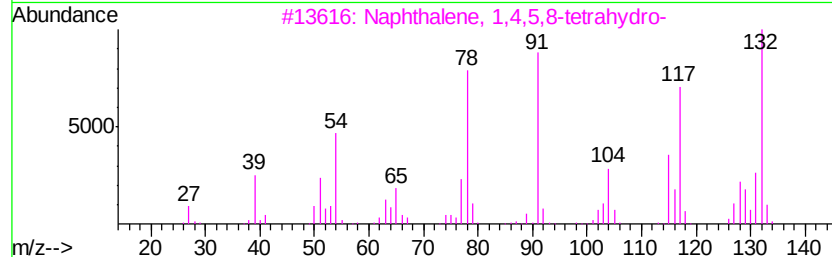
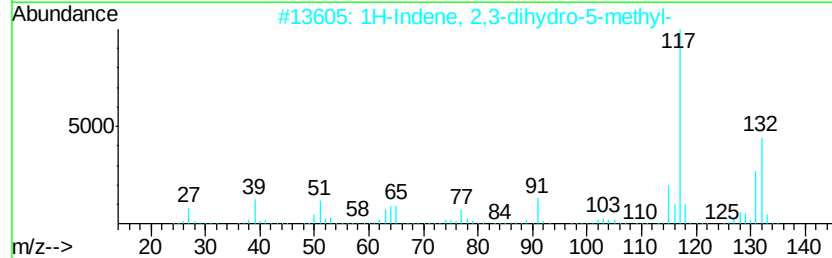
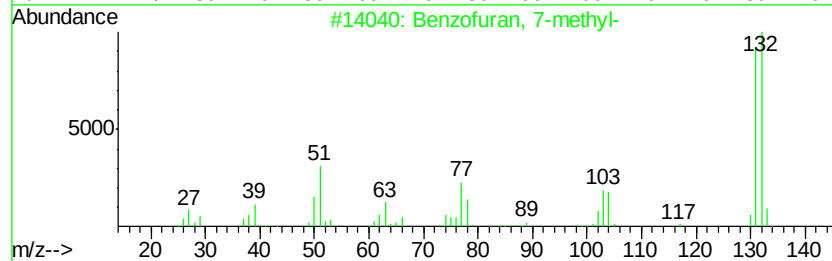
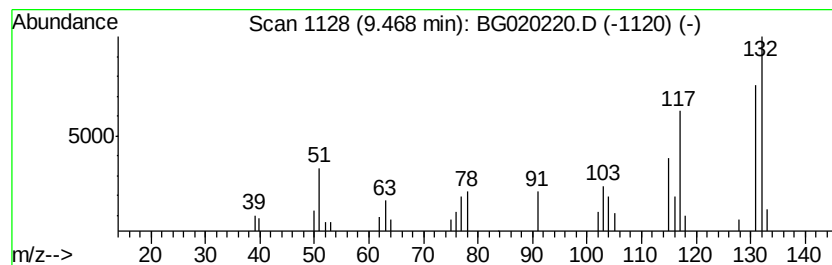
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzofuran, 7-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	4.83 ng/ul	32365	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	64
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50
3		Naphthalene, 1,4,5,8-tetrahydro-	132	C10H12	000493-04-9	49
4		Pentacyclo[5.2.1.0(1,5).0(5,9).0...	132	C10H12	1000185-59-0	47
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

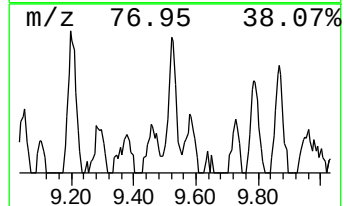
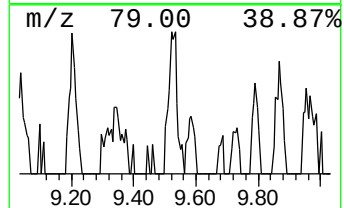
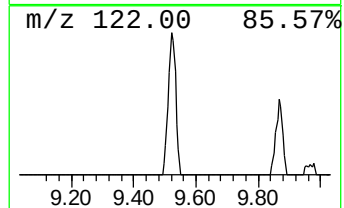
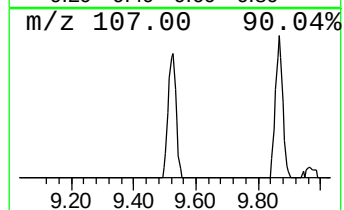
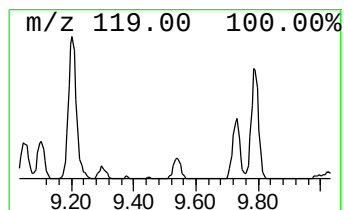
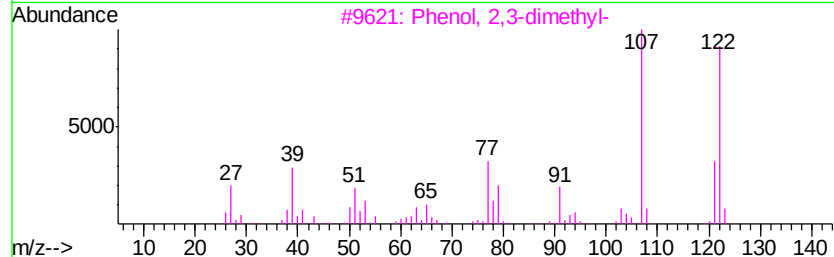
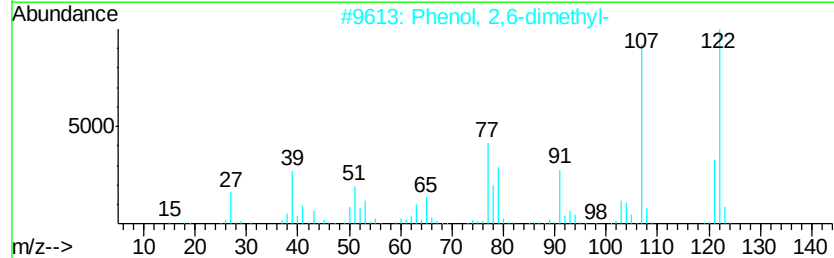
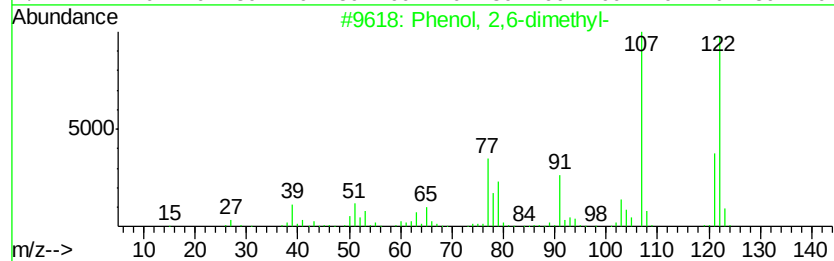
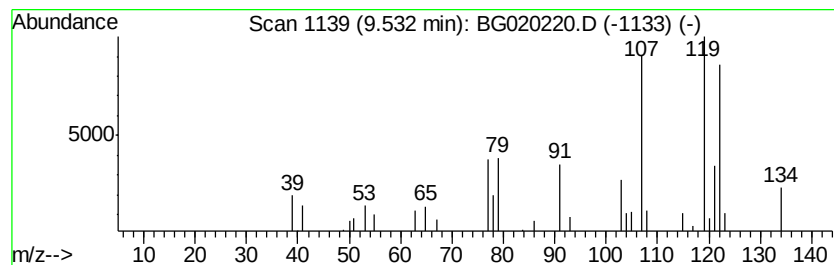
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 Phenol, 2,6-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	5.84 ng/ul	36740	Napthalene-d8	10.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-			122	C8H10O	000576-26-1	90
2	Phenol, 2,6-dimethyl-			122	C8H10O	000576-26-1	90
3	Phenol, 2,3-dimethyl-			122	C8H10O	000526-75-0	81
4	Phenol, 2,5-dimethyl-			122	C8H10O	000095-87-4	81
5	Phenol, 2,3-dimethyl-			122	C8H10O	000526-75-0	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
G9C87DL

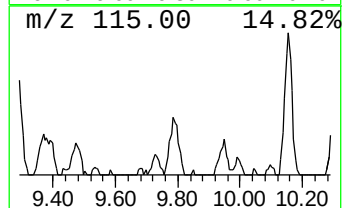
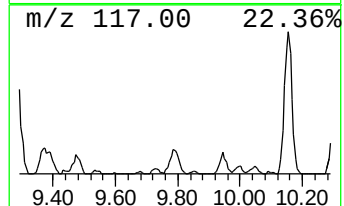
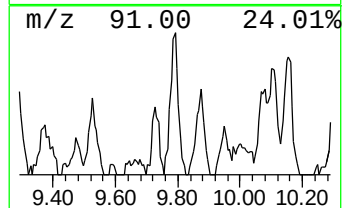
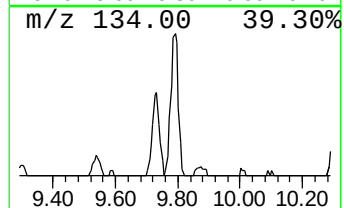
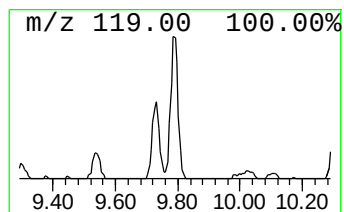
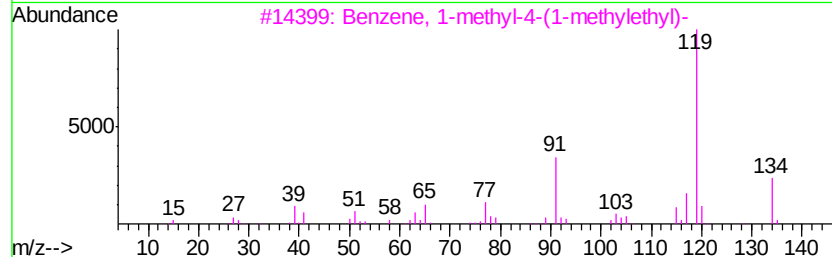
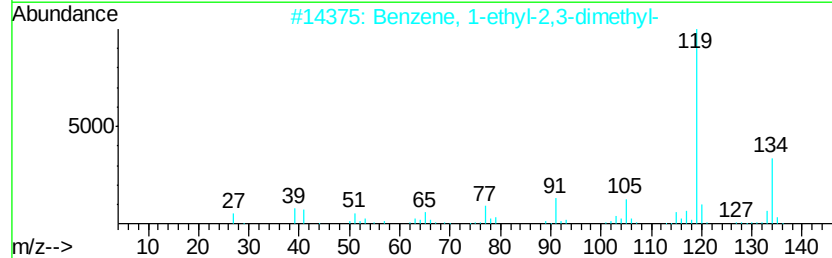
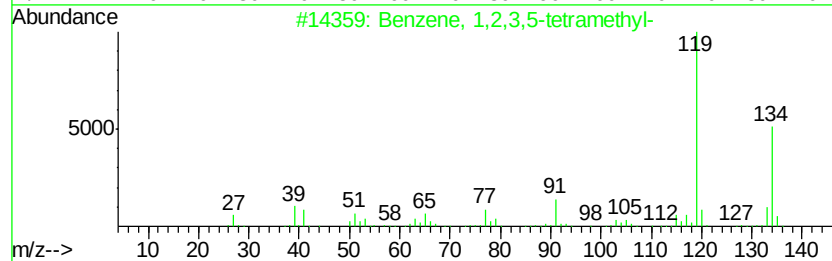
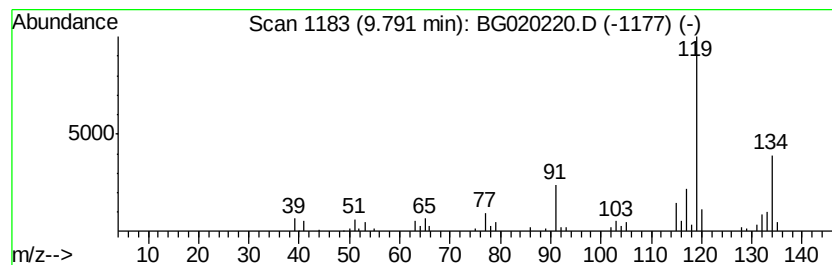
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	11.58 ng/ul	72904	Naphthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	87
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

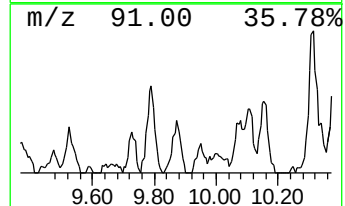
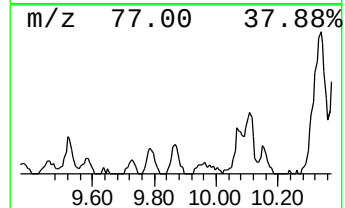
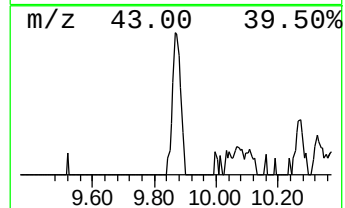
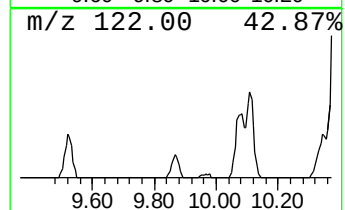
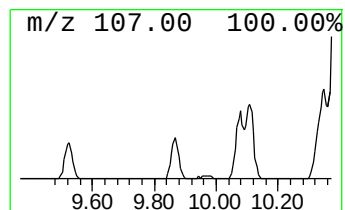
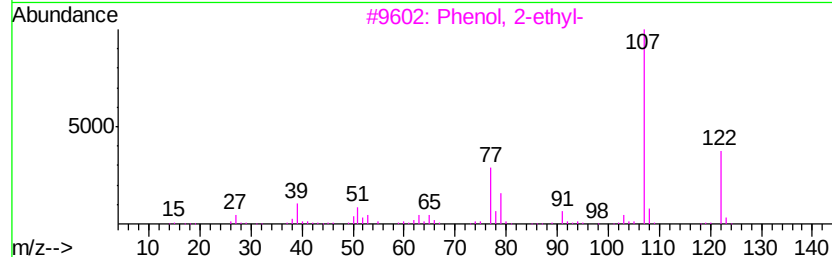
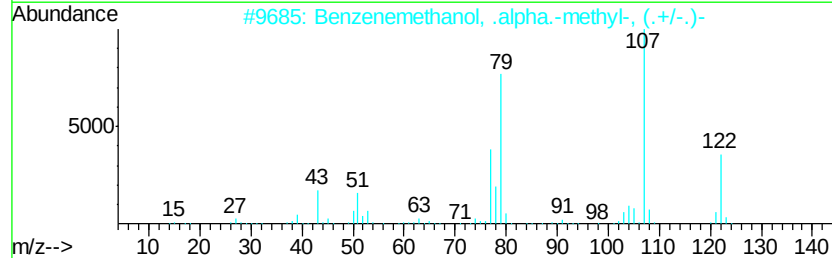
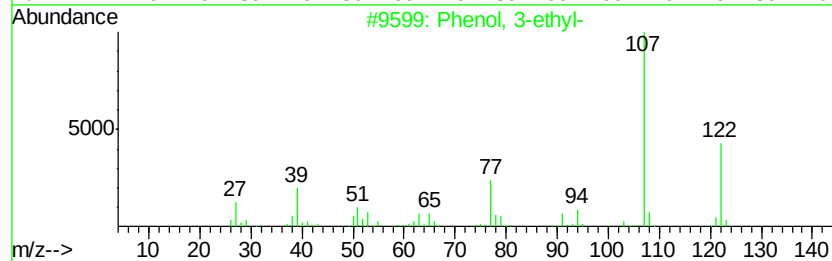
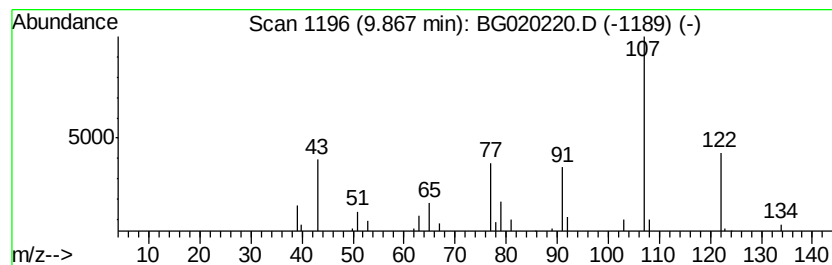
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 Phenol, 3-ethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	4.58 ng/ul	28806	Napthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	80
2		Benzenemethanol, .alpha.-methyl-...	122	C8H10O	013323-81-4	80
3		Phenol, 2-ethyl-	122	C8H10O	000090-00-6	80
4		Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	72
5		Phenol, 3-ethyl-	122	C8H10O	000620-17-7	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

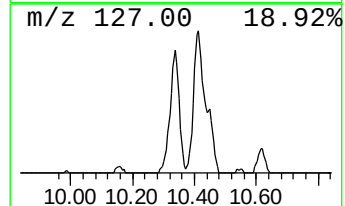
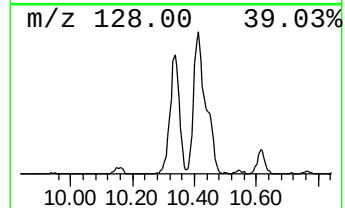
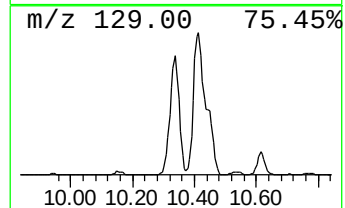
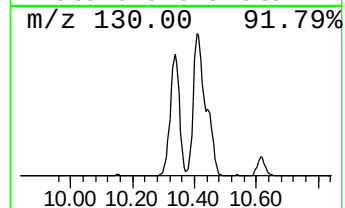
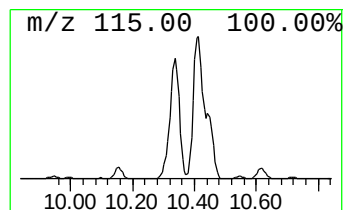
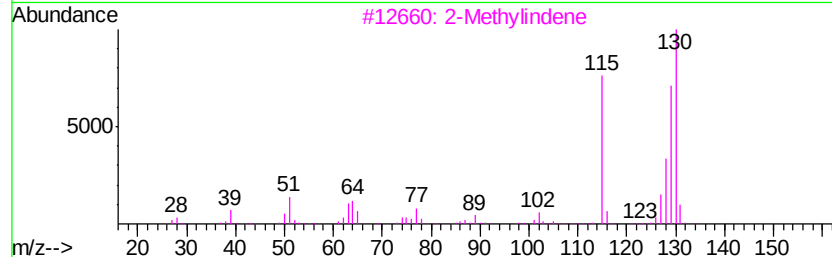
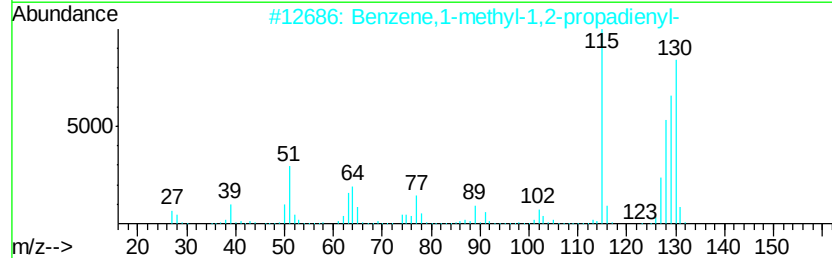
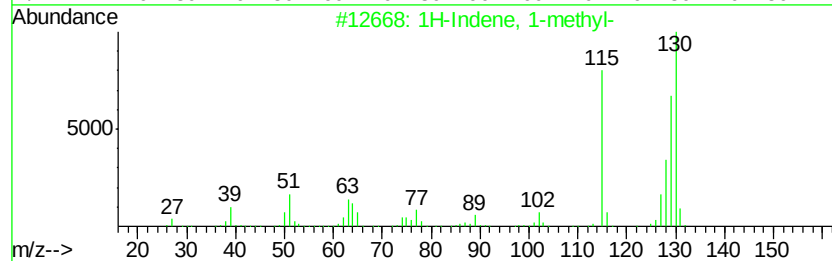
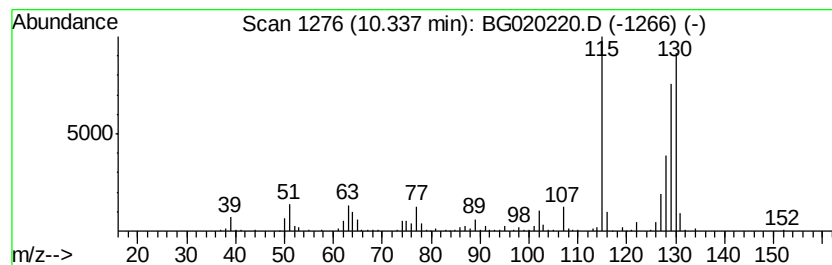
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 1H-Indene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	103.81 ng/ul	653627	Naphthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
3		2-Methylindene	130	C10H10	002177-47-1	95
4		Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

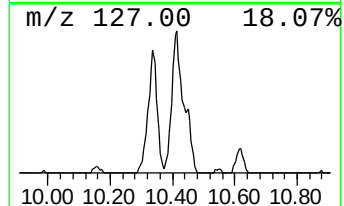
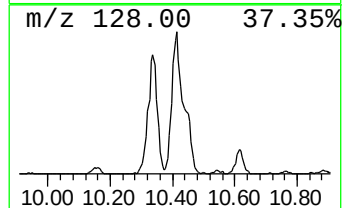
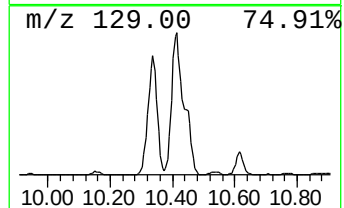
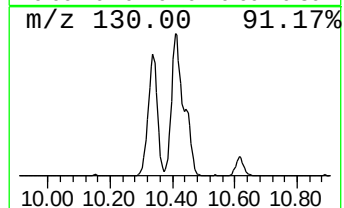
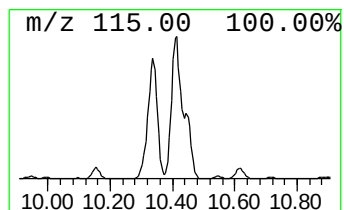
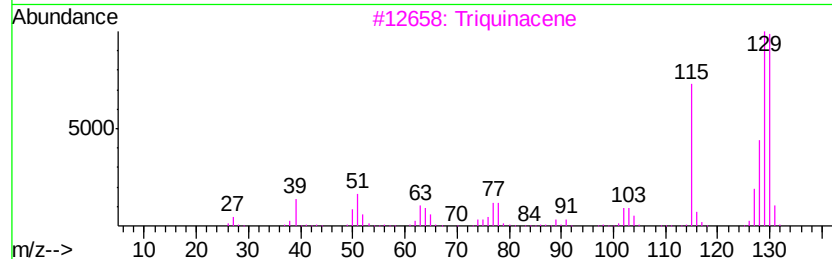
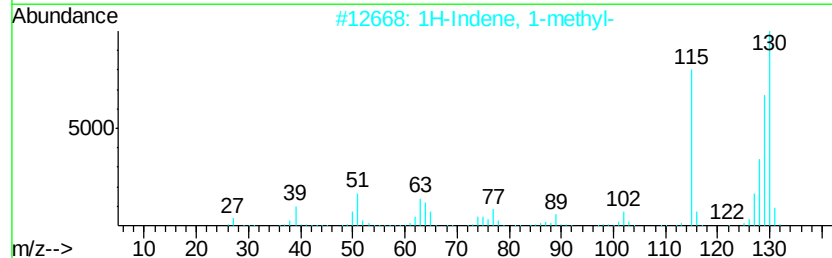
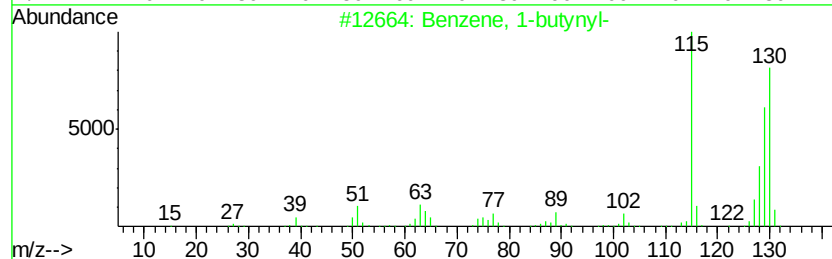
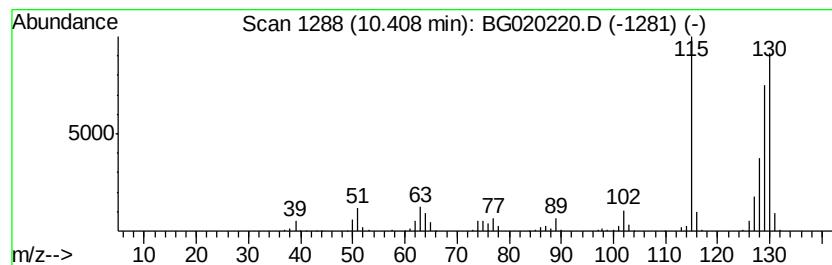
Instrument :
BNA_G
ClientSampleId :
G9C87DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 Benzene, 1-butynyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.41	96.56 ng/ul	607936	Naphthalene-d8	10.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3	Triquinacene	130	C10H10	006053-74-3	93
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

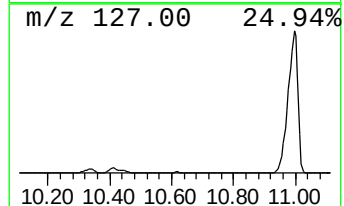
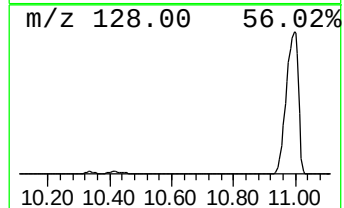
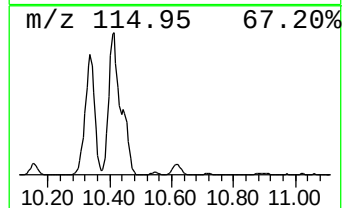
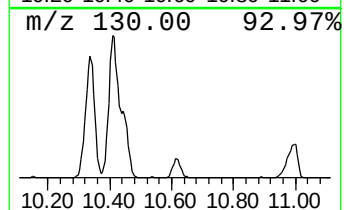
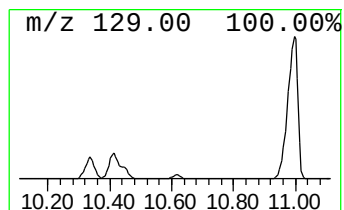
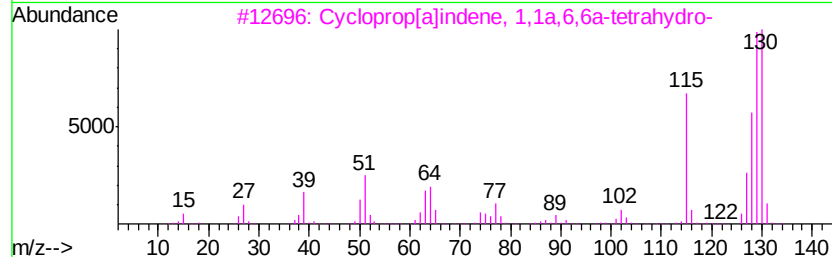
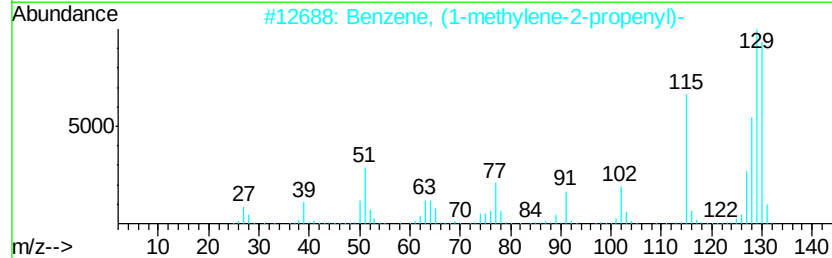
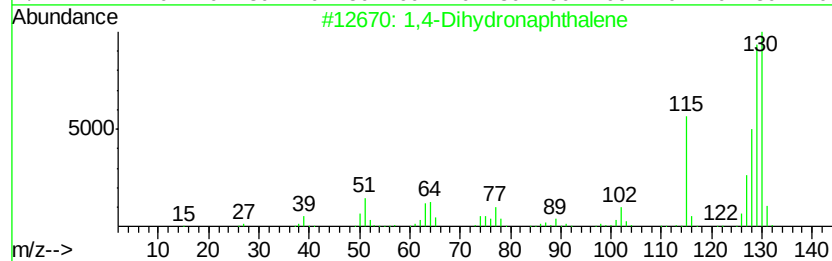
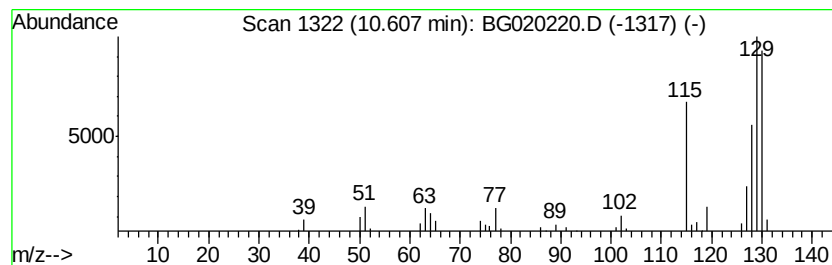
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 1,4-Dihydronaphthalene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	10.64 ng/ul	66974	Naphthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	97
2		Benzene, (1-methylene-2-propenyl)-	130	C10H10	002288-18-8	95
3		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4		Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	94
5		Benzene, (cyclopropylidenemethyl)-	130	C10H10	007555-67-1	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

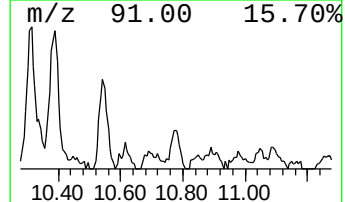
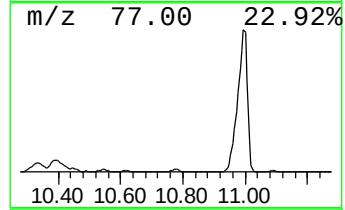
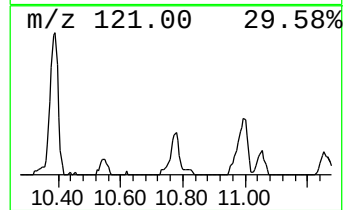
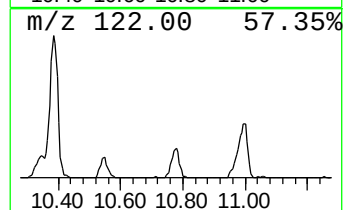
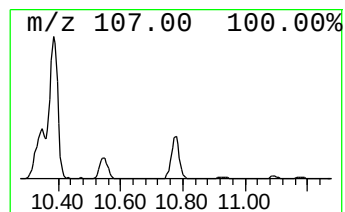
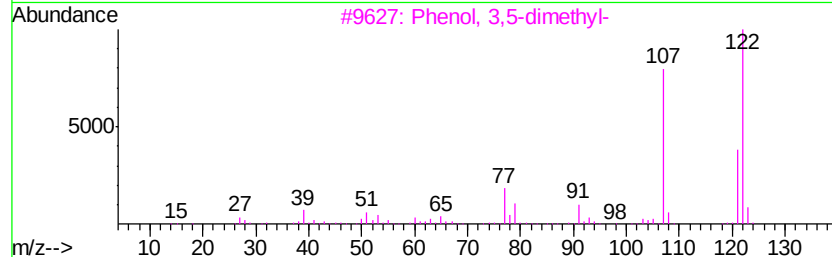
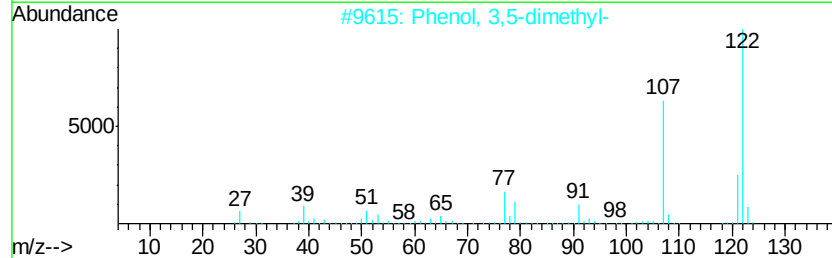
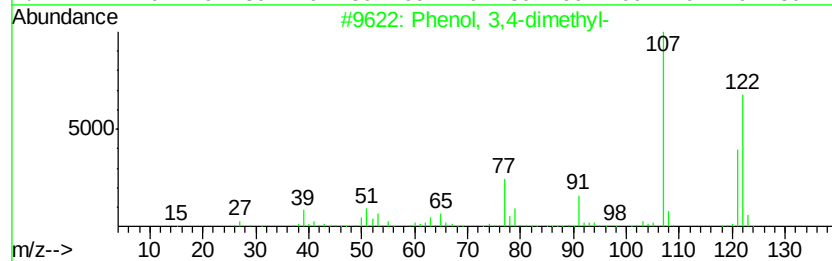
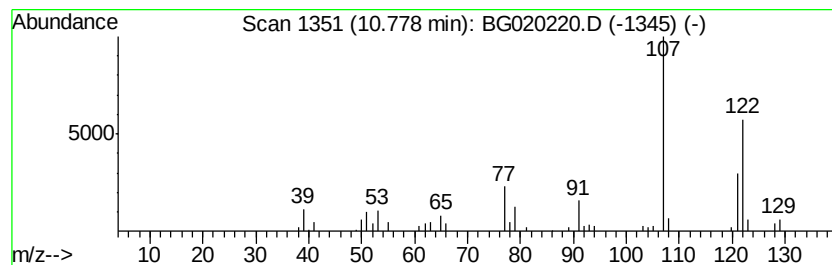
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 Phenol, 3,4-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	7.10 ng/ul	44679	Napthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
2		Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
3		Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
4		Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
5		Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

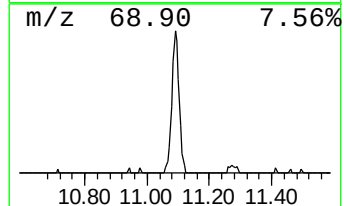
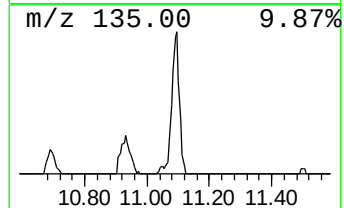
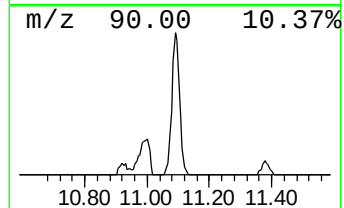
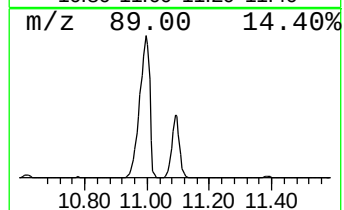
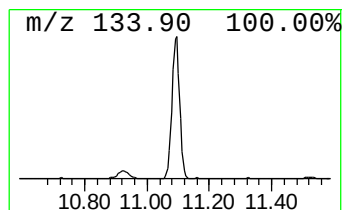
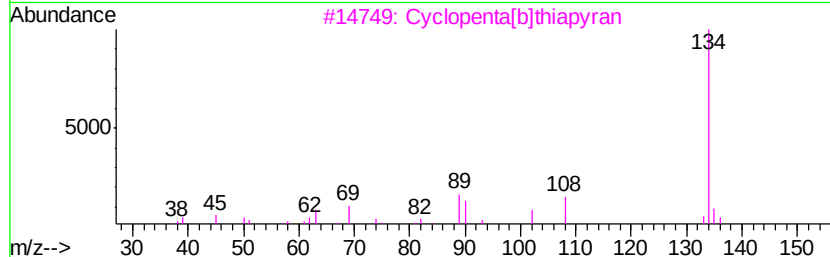
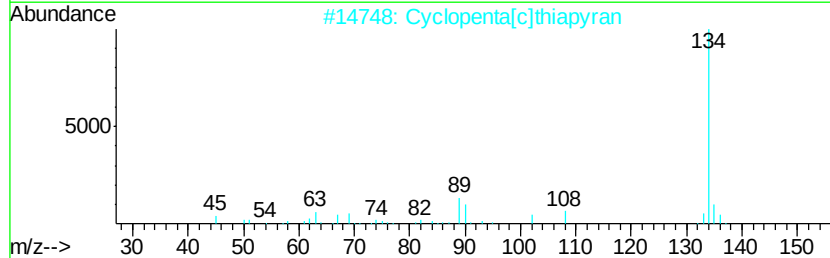
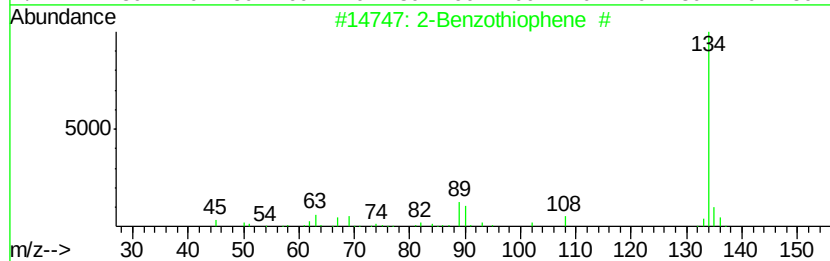
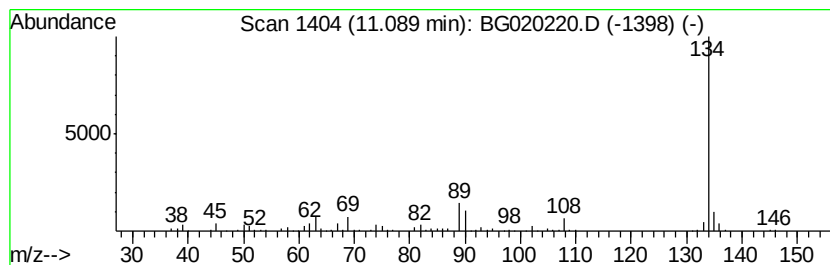
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 2-Benzothiophene # Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	45.19 ng/ul	284500	Napthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Benzothiophene #	134	C8H6S	000270-82-6	95
2		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
3		Cyclopenta[b]thiapyran	134	C8H6S	000271-17-0	93
4		Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5		Benzo[b]thiophene	134	C8H6S	000095-15-8	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

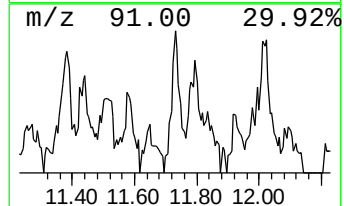
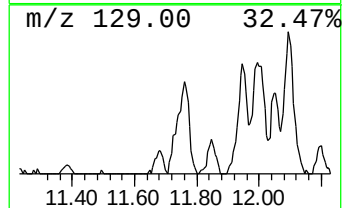
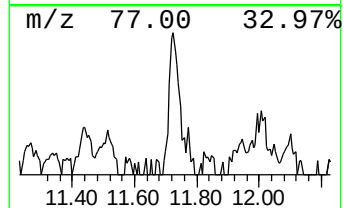
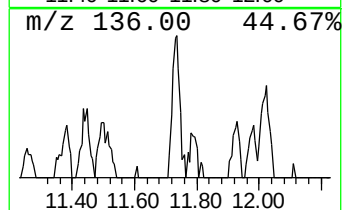
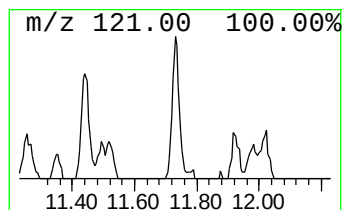
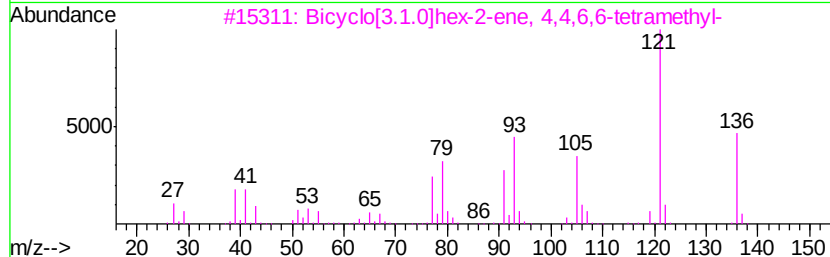
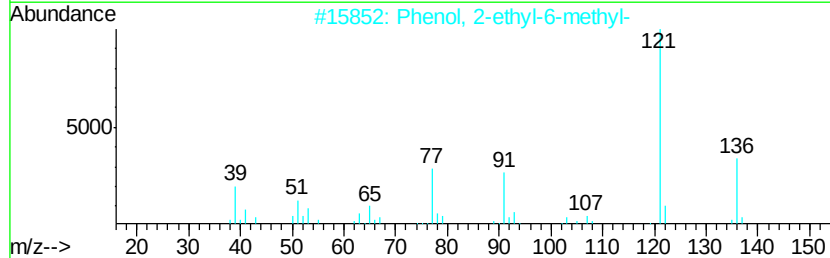
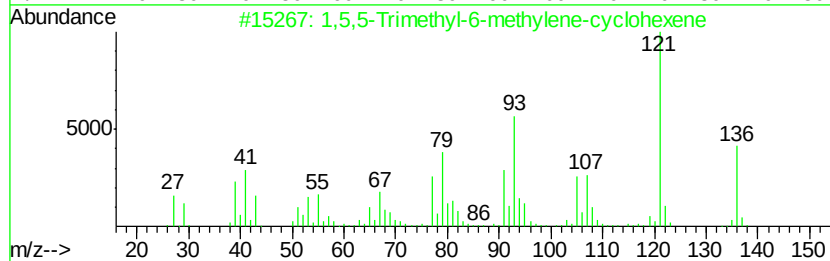
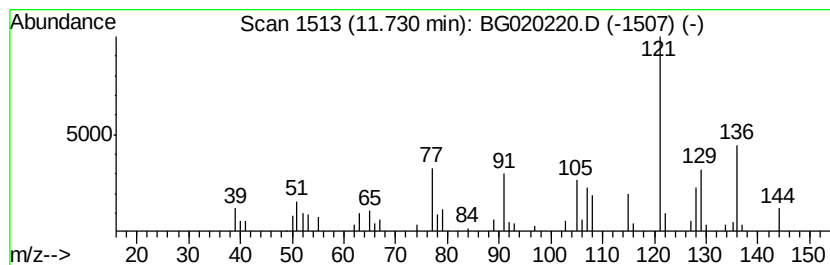
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 1,5,5-Trimethyl-6-methylene... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	8.10 ng/ul	50995	Naphthalene-d8	10.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	52
2			Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	50
3			Bicyclo[3.1.0]hex-2-ene, 4,4,6,6...	136	C10H16	019487-09-3	49
4			2,4,6-Octatriene, 2,6-dimethyl-	136	C10H16	000673-84-7	49
5			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

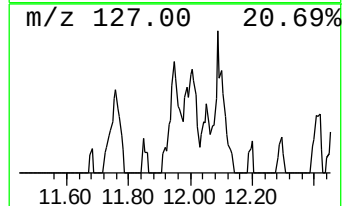
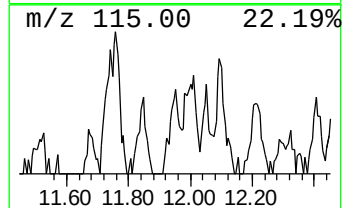
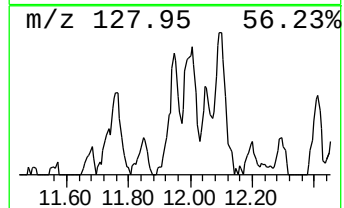
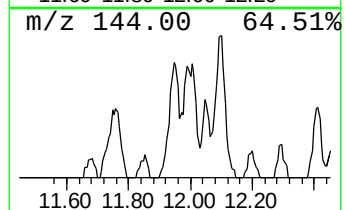
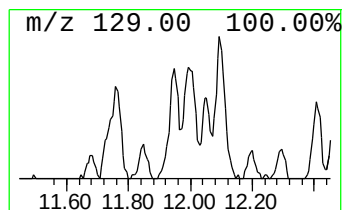
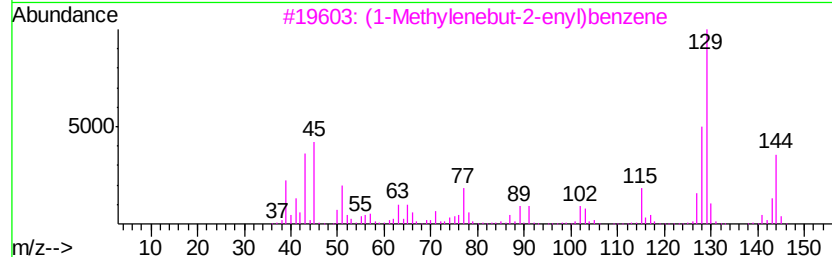
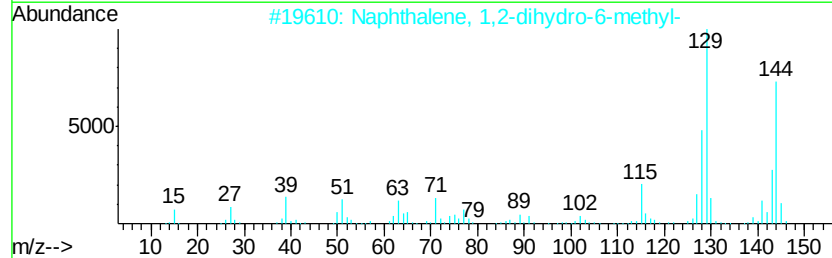
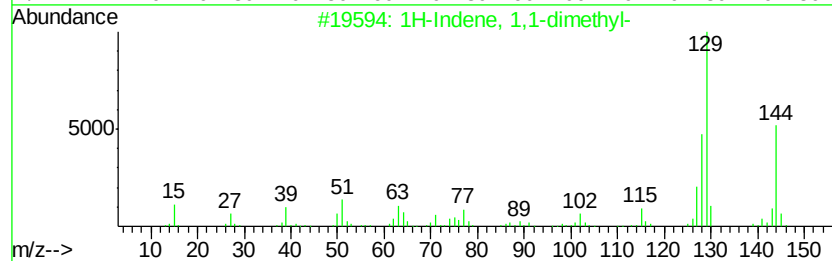
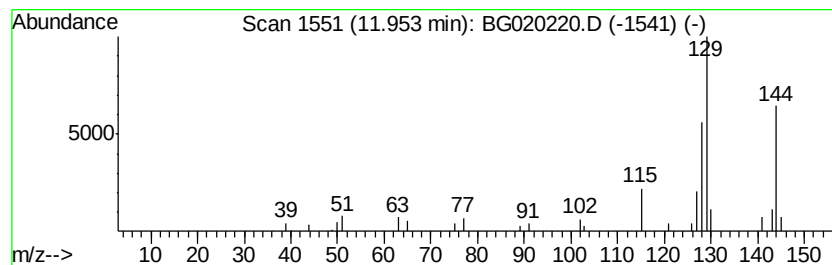
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 1H-Indene, 1,1-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	7.92 ng/ul	49895	Naphthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	95
2		Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	91
3		(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	90
4		1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	90
5		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

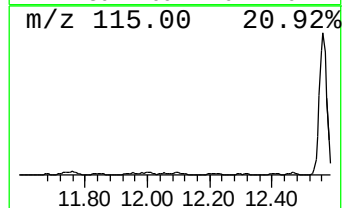
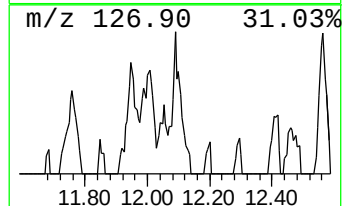
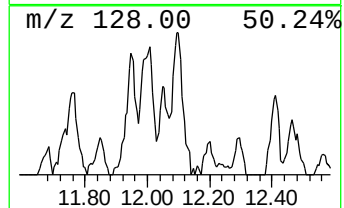
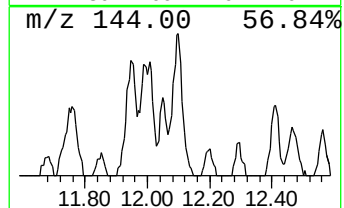
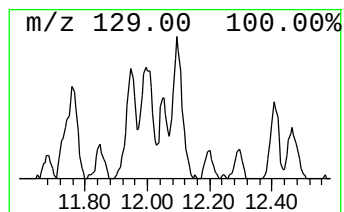
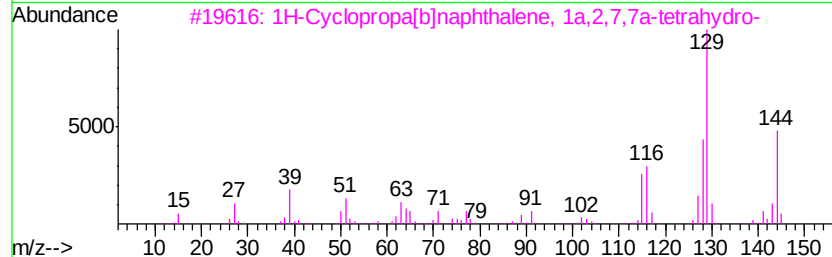
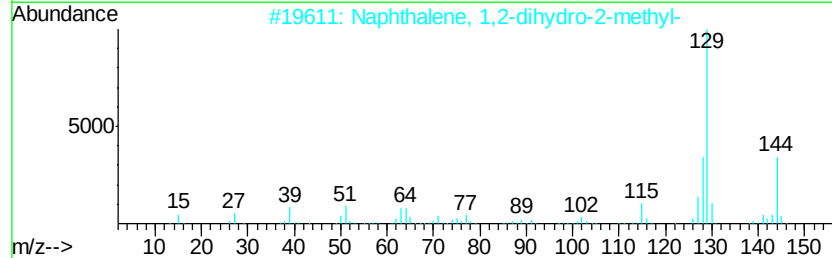
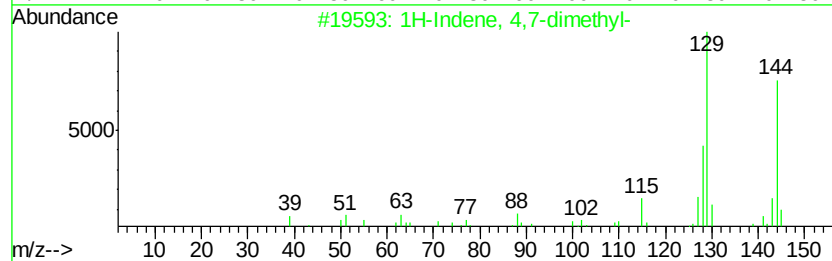
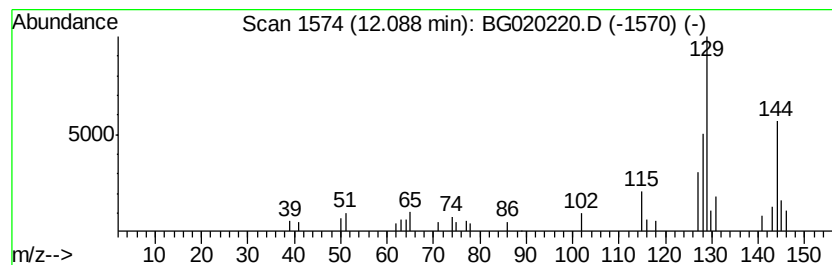
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 1H-Indene, 4,7-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	8.97 ng/ul	56497	Naphthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	90
2		Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	87
3		1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	87
4		Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	87
5		1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

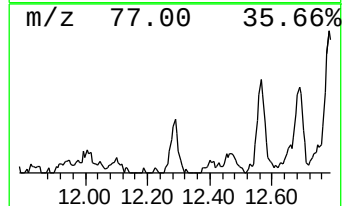
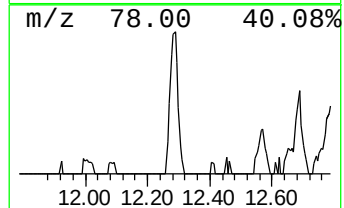
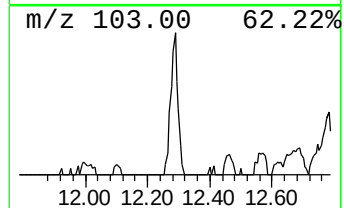
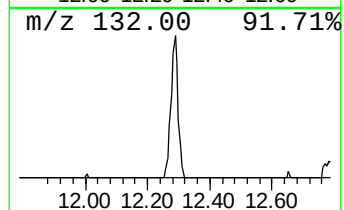
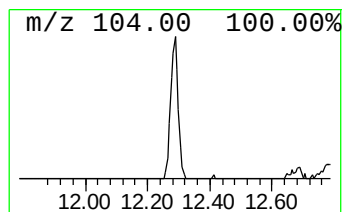
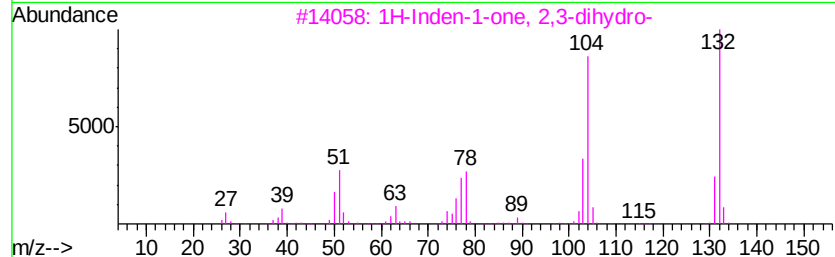
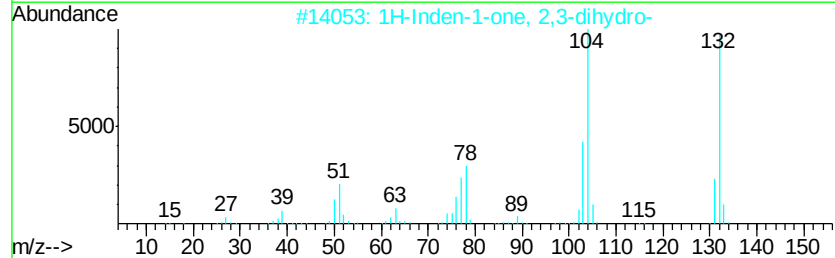
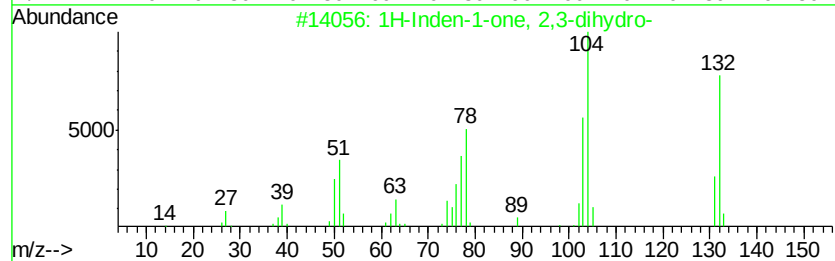
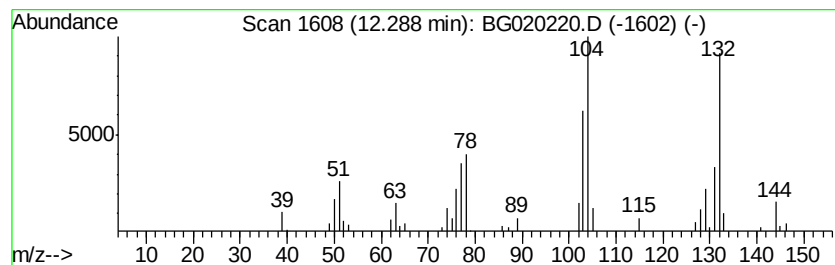
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	9.66 ng/ul	60851	Napthalene-d8	10.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2			1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	93
3			1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	81
4			Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	53
5			5-Aminoindole	132	C8H8N2	005192-03-0	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

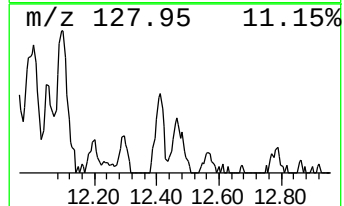
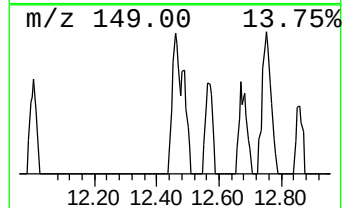
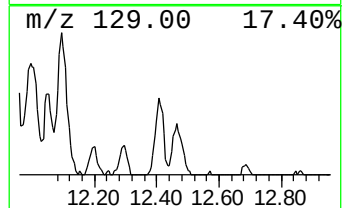
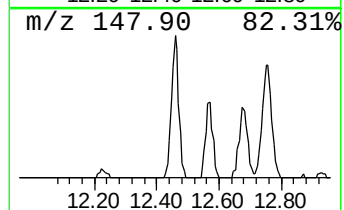
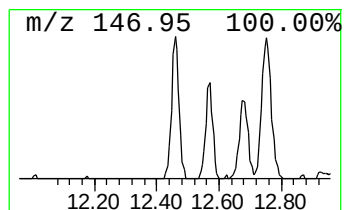
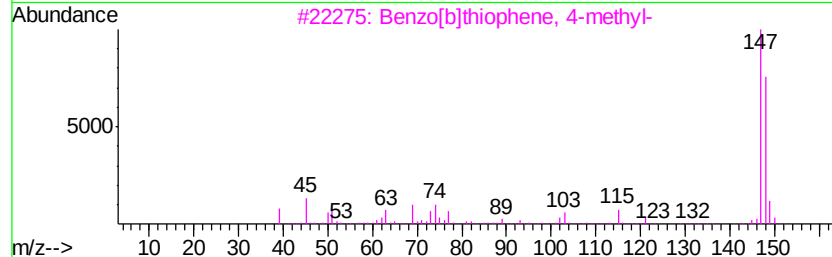
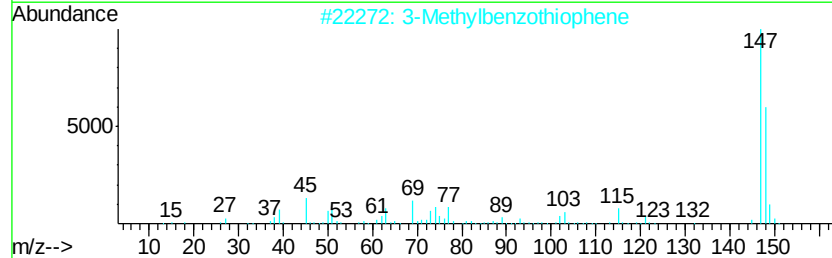
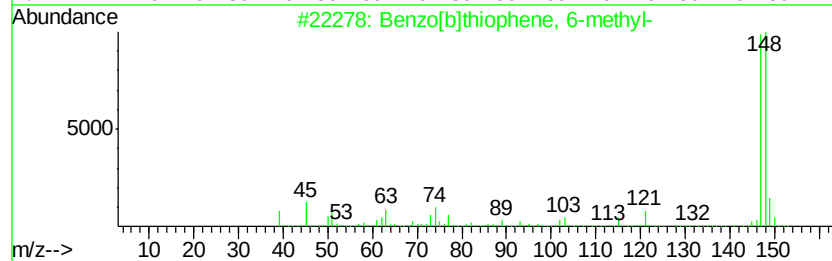
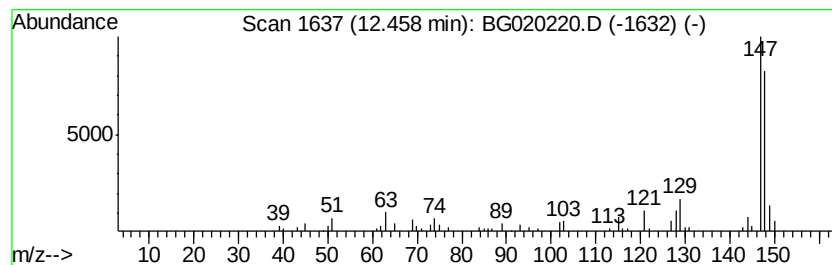
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 Benzo[b]thiophene, 6-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	10.14 ng/ul	63815	Napthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	87
2		3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
3		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	81
4		Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	74
5		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

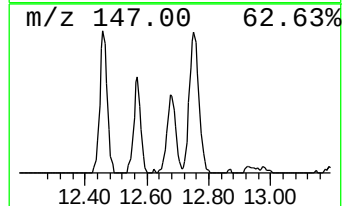
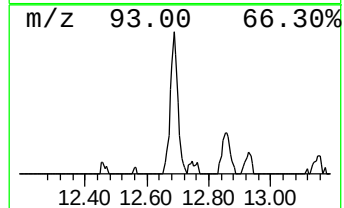
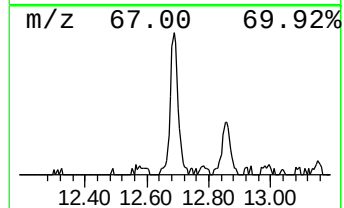
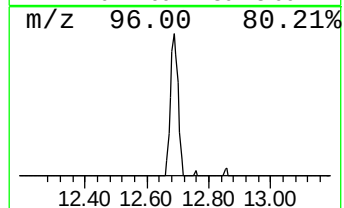
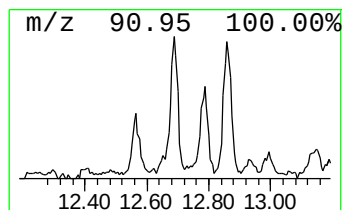
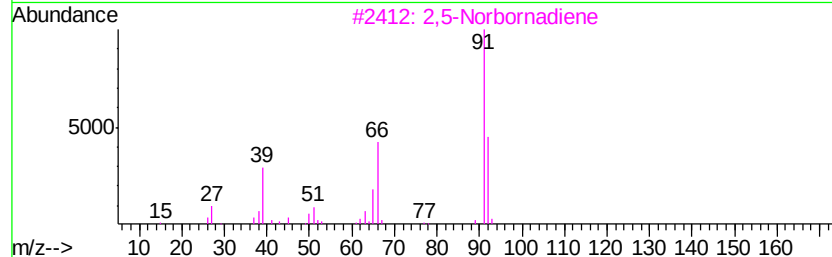
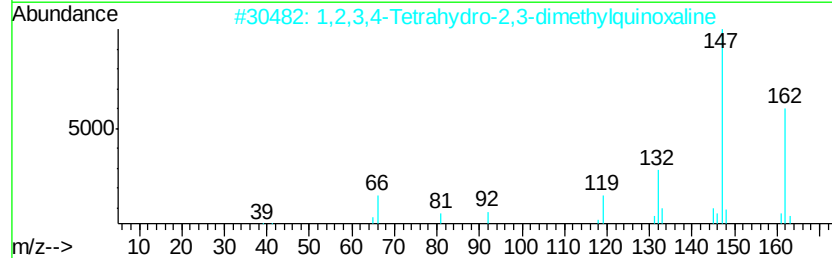
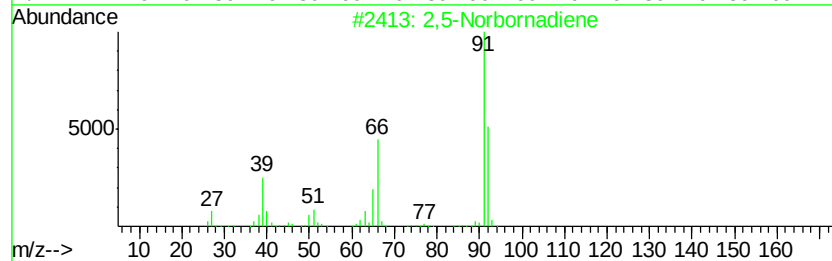
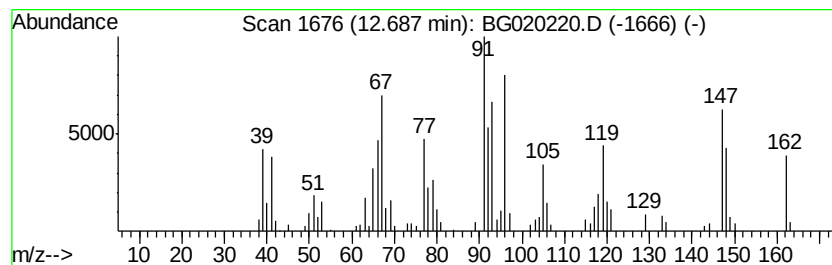
Instrument :
BNA_G
ClientSampleId :
G9C87DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 32 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	23.69 ng/ul	149181	Napthalene-d8	10.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,5-Norbornadiene		92 C7H8	000121-46-0 38
2	1,2,3,4-Tetrahydro-2,3-dimethylq...		162 C10H14N2	013311-77-8 38
3	2,5-Norbornadiene		92 C7H8	000121-46-0 30
4	Pyridine, 4-methyl-		93 C6H7N	000108-89-4 30
5	6-Methyl-2-pyridinecarbaldehyde		121 C7H7NO	053547-60-7 27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

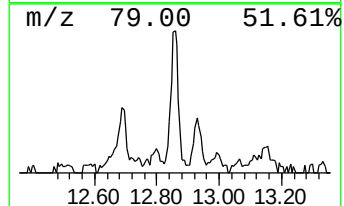
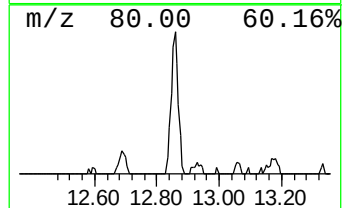
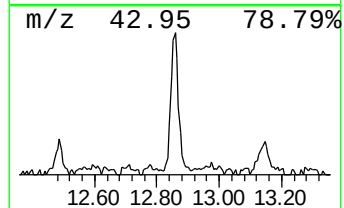
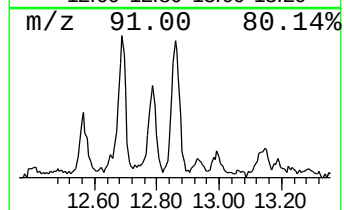
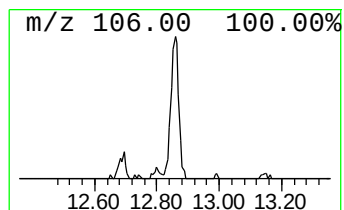
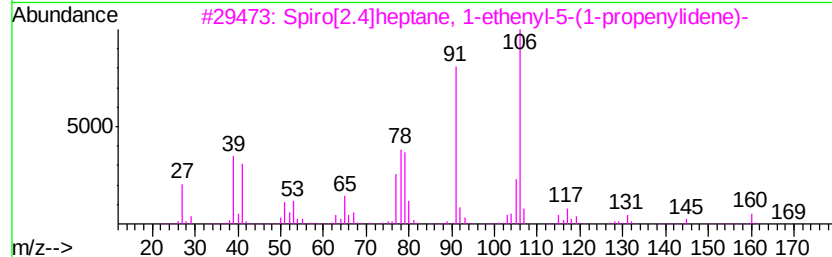
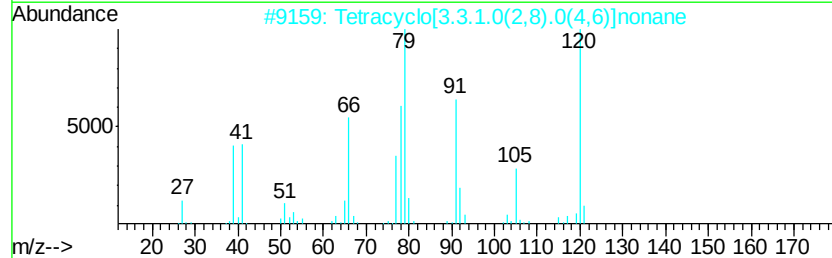
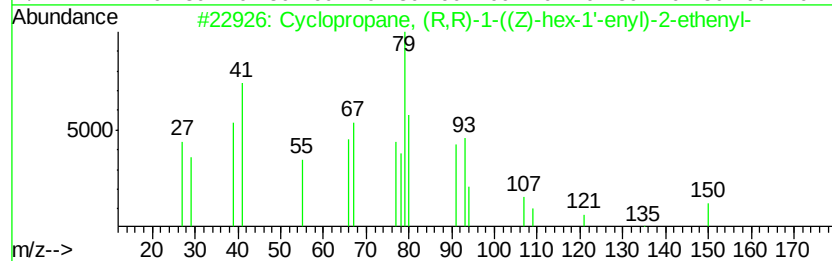
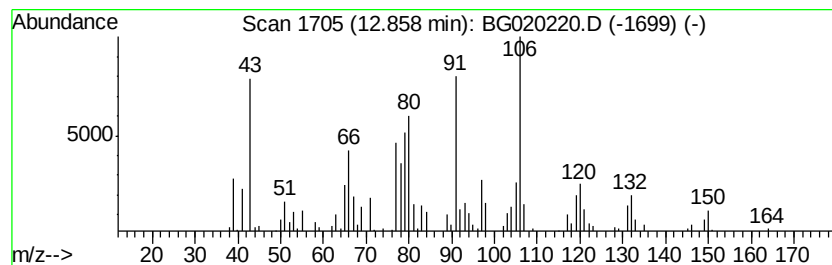
Instrument :
BNA_G
ClientSampleId :
G9C87DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 33 unknown-02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	8.37 ng/ul	147137	Acenaphthene-d10	14.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopropane, (R,R)-1-((Z)-hex-1...	150 C11H18	077210-40-3 43
2		Tetracyclo[3.3.1.0(2,8).0(4,6)]n...	120 C9H12	003105-29-1 22
3		Spiro[2.4]heptane, 1-ethenyl-5-(...	160 C12H16	074793-03-6 14
4		Cyclohexene, 3-methylene-4-vinyl-	120 C9H12	1000149-45-4 14
5		Pyridine, 2-(1-methylethyl)-	121 C8H11N	000644-98-4 11



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

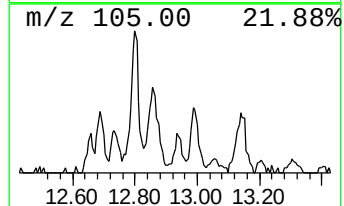
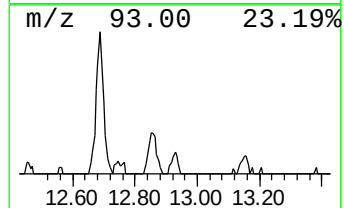
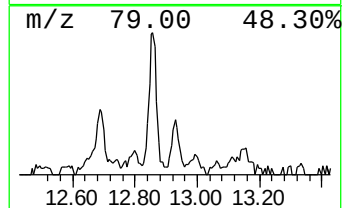
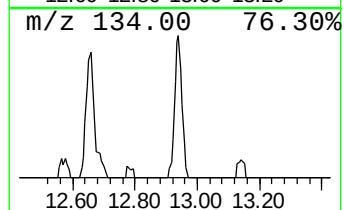
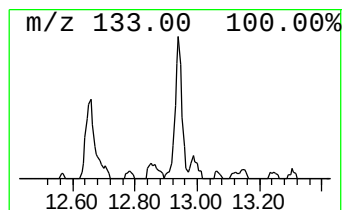
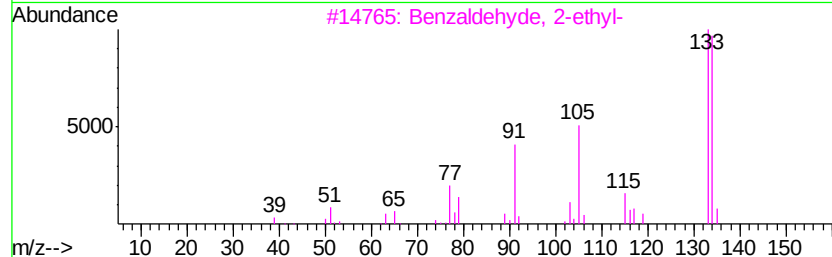
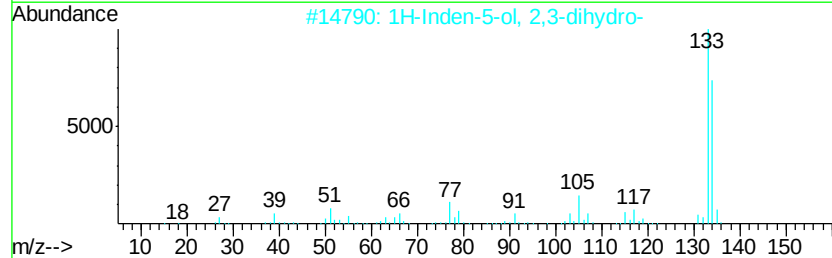
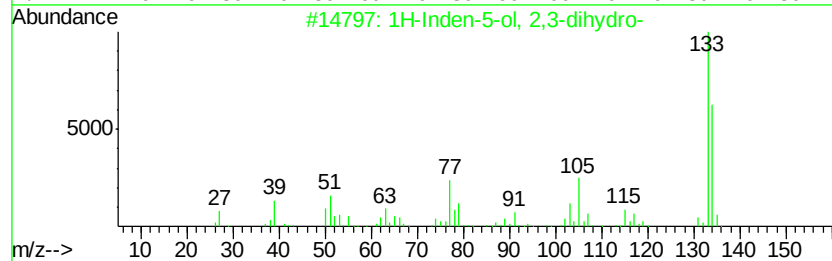
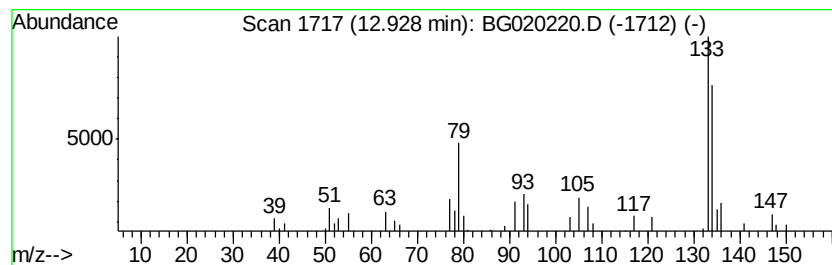
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 34 1H-Inden-5-ol, 2,3-dihydro- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	2.50 ng/ul	43851	Acenaphthene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	94
2		1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	90
3		Benzaldehyde, 2-ethyl-	134	C9H10O	022927-13-5	64
4		Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	64
5		Benzaldehyde, 2,4-dimethyl-	134	C9H10O	015764-16-6	62



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

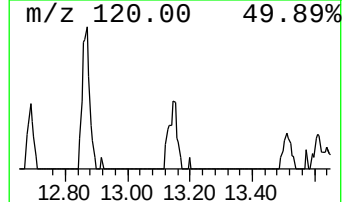
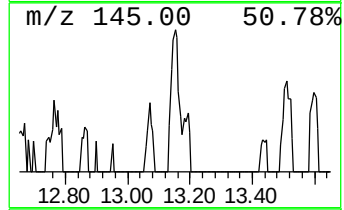
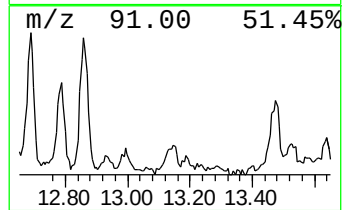
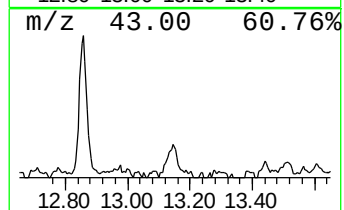
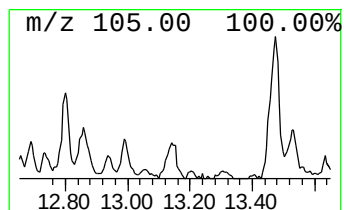
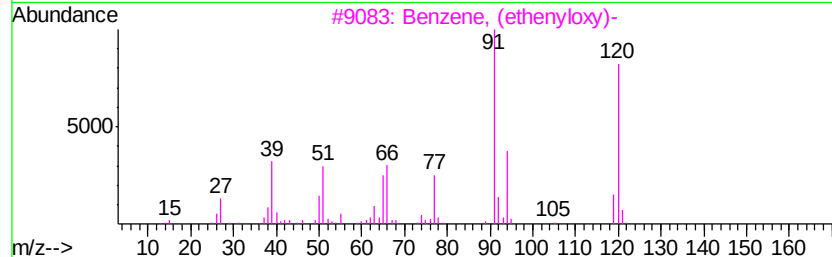
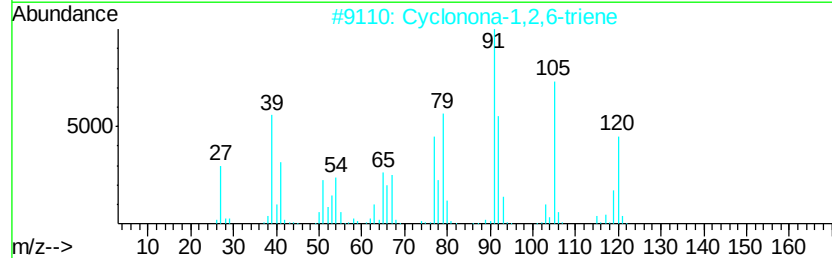
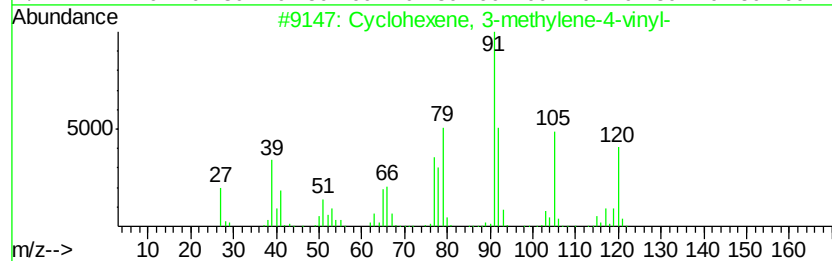
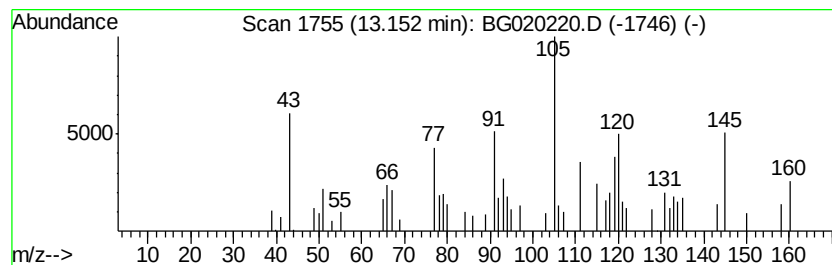
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 35 unknown-03 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.50 ng/ul	43960	Acenaphthene-d10	14.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 3-methylene-4-vinyl-	120	C9H12	1000149-45-4	27
2			Cyclonona-1,2,6-triene	120	C9H12	1000196-99-9	27
3			Benzene, (ethenyloxy)-	120	C8H8O	000766-94-9	16
4			Isoxazole, 3,5-dimethyl-4-bromo-	175	C5H6BrNO	010558-25-5	16
5			Benzenemethanamine, N-ethyl-	135	C9H13N	014321-27-8	11



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

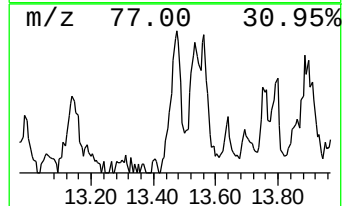
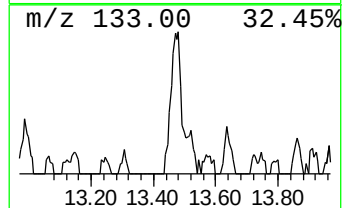
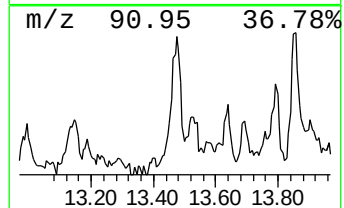
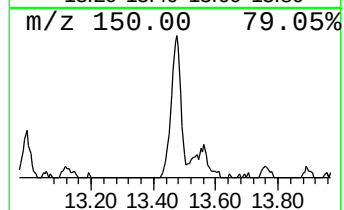
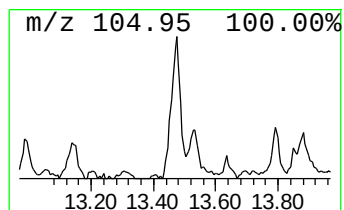
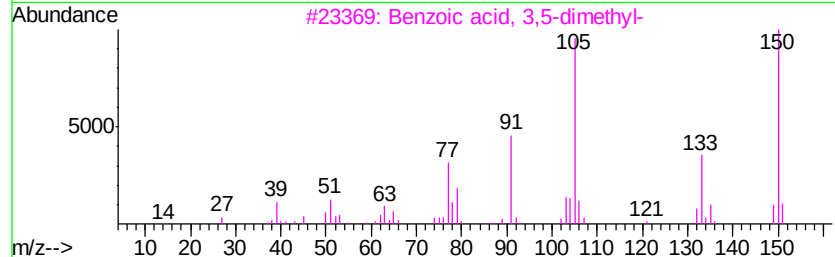
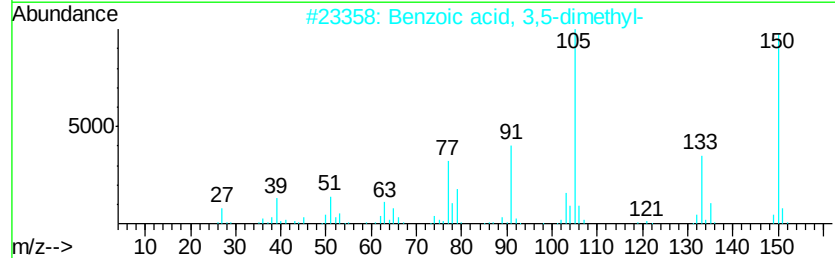
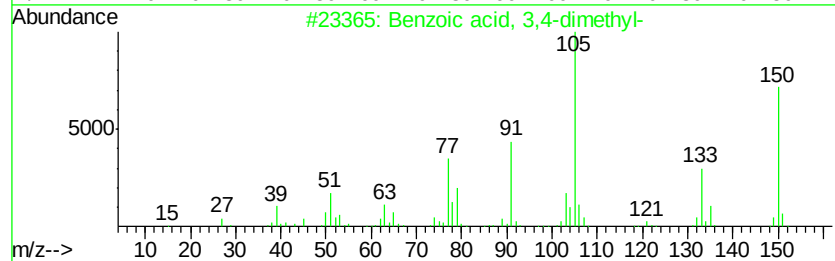
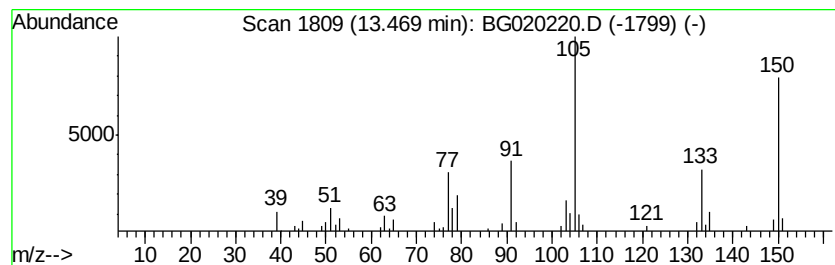
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 36 Benzoic acid, 3,4-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	5.40 ng/ul	94824	Acenaphthene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	98
2		Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	97
3		Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	96
4		Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	96
5		Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

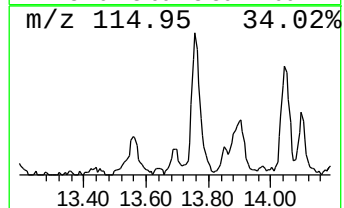
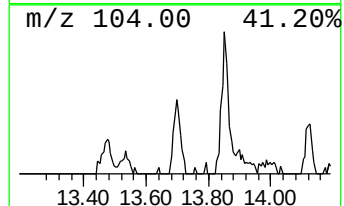
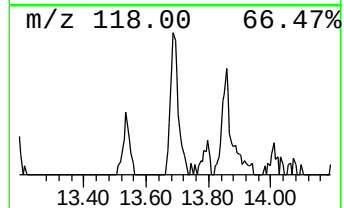
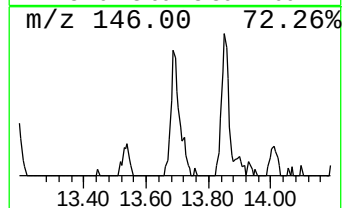
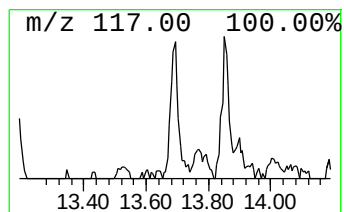
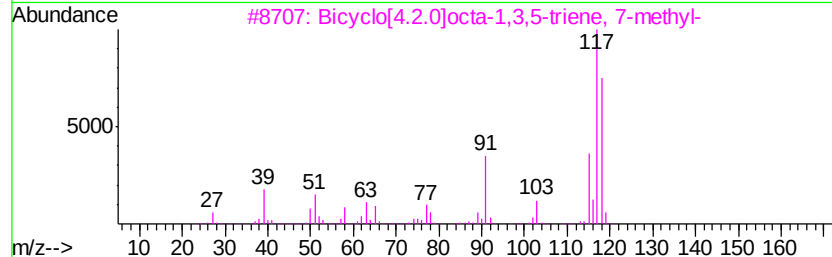
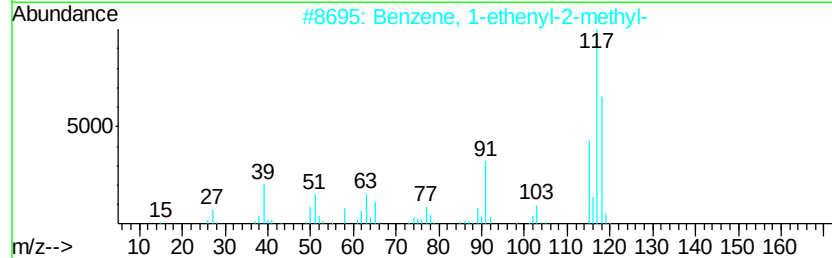
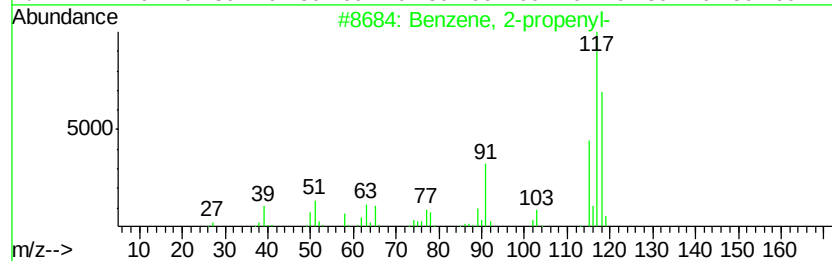
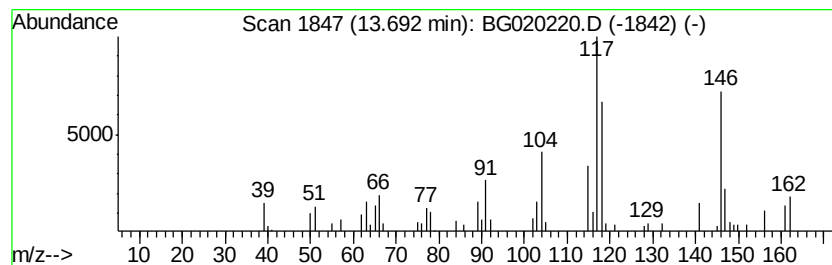
Instrument :
BNA_G
ClientSampleId :
G9C87DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 37 Benzene, 2-propenyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	2.79 ng/ul	48973	Acenaphthene-d10	14.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 2-propenyl-	118 C9H10	000300-57-2 93
2		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 84
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	118 C9H10	055337-80-9 66
4		Benzene, 1-ethenyl-4-methyl-	118 C9H10	000622-97-9 56
5		Benzene, cyclopropyl-	118 C9H10	000873-49-4 50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

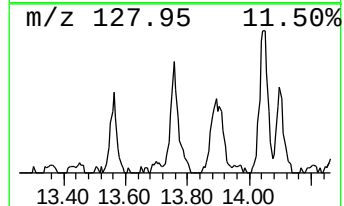
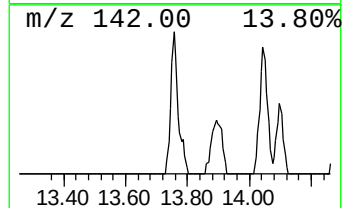
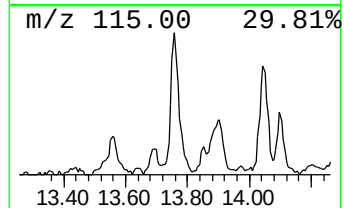
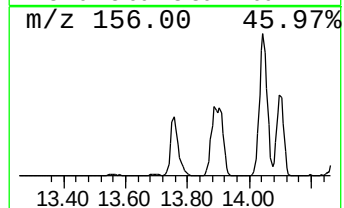
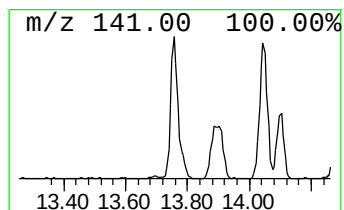
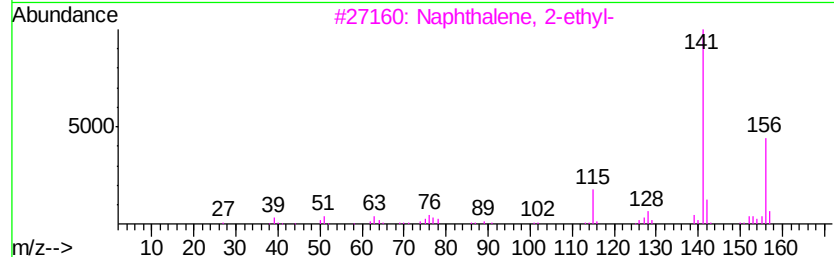
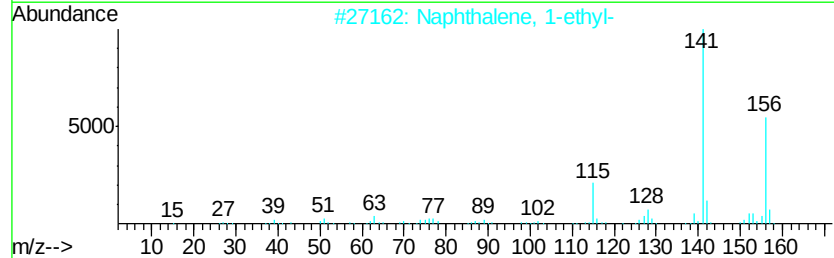
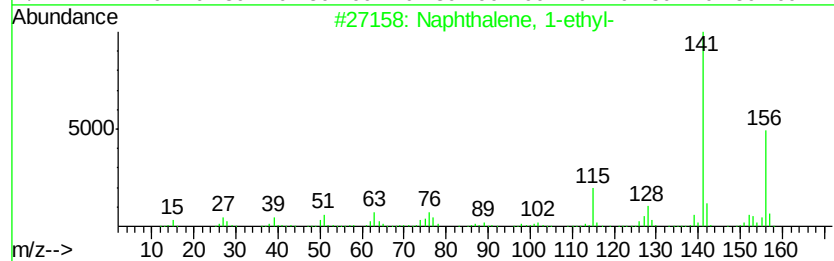
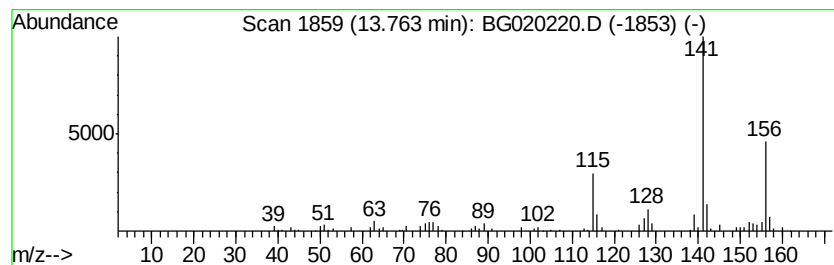
Instrument :
BNA_G
ClientSampleId :
G9C87DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 38 Naphthalene, 1-ethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.76	8.03 ng/ul	141153	Acenaphthene-d10		14.73
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020220.D
 Acq On : 16 Dec 2015 11:58
 Operator : UM/SJ
 Sample : G4786-14DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9C87DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA 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
Benzene, (1-methy...	6.57	12.2	ng/ul	81541	1	8.09	134033	20.0
Benzene, 1-ethyl-...	7.18	41.9	ng/ul	280565	1	8.09	134033	20.0
Benzene, 1-ethyl-...	7.48	18.5	ng/ul	124203	1	8.09	134033	20.0
Benzene, 1-etheny...	8.27	21.5	ng/ul	143806	1	8.09	134033	20.0
Indane	8.47	276.6	ng/ul	1853480	1	8.09	134033	20.0
Indene	8.65	294.9	ng/ul	1976510	1	8.09	134033	20.0
Benzene, 2-ethyl-...	8.73	9.5	ng/ul	63759	1	8.09	134033	20.0
Benzene, 4-ethyl-...	9.20	14.0	ng/ul	94024	1	8.09	134033	20.0
Benzofuran, 7-met...	9.47	4.8	ng/ul	32365	1	8.09	134033	20.0
Phenol, 2,6-dimet...	9.53	5.8	ng/ul	36740	2	10.92	125925	20.0
Benzene, 1,2,3,5-...	9.79	11.6	ng/ul	72904	2	10.92	125925	20.0
Phenol, 3-ethyl-	9.87	4.6	ng/ul	28806	2	10.92	125925	20.0
1H-Indene, 1-methyl-	10.34	103.8	ng/ul	653627	2	10.92	125925	20.0
Benzene, 1-butynyl-	10.41	96.6	ng/ul	607936	2	10.92	125925	20.0
1,4-Dihydronaphth...	10.61	10.6	ng/ul	66974	2	10.92	125925	20.0
Phenol, 3,4-dimet...	10.78	7.1	ng/ul	44679	2	10.92	125925	20.0
2-Benzothiophene #	11.09	45.2	ng/ul	284500	2	10.92	125925	20.0
1,5,5-Trimethyl-6...	11.73	8.1	ng/ul	50995	2	10.92	125925	20.0
1H-Indene, 1,1-di...	11.95	7.9	ng/ul	49895	2	10.92	125925	20.0
1H-Indene, 4,7-di...	12.09	9.0	ng/ul	56497	2	10.92	125925	20.0
1H-Inden-1-one, 2...	12.29	9.7	ng/ul	60851	2	10.92	125925	20.0
Benzo[b]thiophene...	12.46	10.1	ng/ul	63815	2	10.92	125925	20.0
unknown-01	12.69	23.7	ng/ul	149181	2	10.92	125925	20.0
unknown-02	12.86	8.4	ng/ul	147137	3	14.73	351383	20.0
1H-Inden-5-ol, 2,...	12.93	2.5	ng/ul	43851	3	14.73	351383	20.0
unknown-03	13.15	2.5	ng/ul	43960	3	14.73	351383	20.0
Benzoic acid, 3,4...	13.47	5.4	ng/ul	94824	3	14.73	351383	20.0
Benzene, 2-propenyl-	13.69	2.8	ng/ul	48973	3	14.73	351383	20.0
Naphthalene, 1-et...	13.76	8.0	ng/ul	141153	3	14.73	351383	20.0