

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
 Data File : BG018380.D
 Acq On : 11 Aug 2015 14:13
 Operator : UM/MA
 Sample : G3109-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P9

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-BG080915.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	5.353	421	428	442	rVB	1671676	2850100	12.43%	0.911%
2	5.553	456	462	469	rVB	182195	288489	1.26%	0.092%
3	5.682	478	484	494	rBV	419509	848092	3.70%	0.271%
4	7.033	704	714	720	rBV2	162128	378657	1.65%	0.121%
5	7.133	725	731	736	rVV	240525	386621	1.69%	0.124%
6	7.192	736	741	748	rVV2	372565	695351	3.03%	0.222%
7	7.268	748	754	761	rVB2	179266	306805	1.34%	0.098%
8	7.362	761	770	777	rBV	226340	402376	1.75%	0.129%
9	7.574	800	806	817	rVB	273089	518968	2.26%	0.166%
10	7.691	817	826	836	rBV2	433132	830594	3.62%	0.266%
11	7.932	860	867	875	rVV	871340	1468738	6.40%	0.470%
12	8.044	877	886	887	rVV3	354021	685748	2.99%	0.219%
13	8.079	887	892	901	rVB	1915288	3313109	14.45%	1.059%
14	8.684	990	995	1000	rBV3	131010	272322	1.19%	0.087%
15	8.743	1000	1005	1011	rVB	302096	541454	2.36%	0.173%
16	9.148	1065	1074	1078	rBV2	164499	349591	1.52%	0.112%
17	9.201	1078	1083	1087	rVV	219390	379662	1.66%	0.121%
18	9.272	1087	1095	1101	rVB	256430	443924	1.94%	0.142%
19	9.924	1197	1206	1212	rBV3	247097	501465	2.19%	0.160%
20	10.259	1257	1263	1269	rBV6	148633	396763	1.73%	0.127%
21	10.318	1269	1273	1279	rVB2	166028	274725	1.20%	0.088%
22	10.470	1289	1299	1306	rVB2	377687	788391	3.44%	0.252%
23	10.711	1330	1340	1353	rVV3	314199	755533	3.29%	0.242%
24	10.846	1353	1363	1368	rVV2	524980	1383905	6.03%	0.443%
25	10.899	1368	1372	1379	rVV	364614	684275	2.98%	0.219%
26	10.976	1379	1385	1388	rVV	123657	245691	1.07%	0.079%
27	11.011	1388	1391	1396	rVB	175410	243613	1.06%	0.078%
28	11.264	1431	1434	1442	rVV4	124736	260260	1.13%	0.083%
29	11.411	1454	1459	1465	rVV2	122550	244535	1.07%	0.078%
30	11.875	1532	1538	1542	rBV	223759	381354	1.66%	0.122%
31	12.262	1599	1604	1610	rBV3	183484	281118	1.23%	0.090%
32	12.503	1635	1645	1650	rVB2	343968	748832	3.27%	0.239%
33	12.715	1676	1681	1690	rBV	219444	395344	1.72%	0.126%
34	13.214	1761	1766	1770	rVV	316529	453033	1.98%	0.145%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
 Data File : BG018380.D
 Acq On : 11 Aug 2015 14:13
 Operator : UM/MA
 Sample : G3109-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P9

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-BG080915.M
 Title : SVOA CALIBRATION

35	13.496	1805	1814	1822	rBV5	362885	851913	3.71%	0.272%
36	13.837	1867	1872	1878	rBV4	142226	351131	1.53%	0.112%
37	13.990	1893	1898	1904	rVV3	293626	590861	2.58%	0.189%
38	14.066	1904	1911	1914	rVV2	541053	910999	3.97%	0.291%
39	14.101	1914	1917	1923	rVV2	262063	521580	2.27%	0.167%
40	14.154	1923	1926	1930	rVB	486802	615653	2.68%	0.197%
41	14.201	1930	1934	1937	rBV4	161538	300887	1.31%	0.096%
42	14.319	1950	1954	1957	rBV4	198080	283435	1.24%	0.091%
43	14.366	1957	1962	1965	rVV	628629	958739	4.18%	0.307%
44	14.407	1965	1969	1977	rVB	1422923	2057103	8.97%	0.658%
45	14.507	1982	1986	1991	rVB2	378152	566104	2.47%	0.181%
46	14.572	1992	1997	2004	rBV3	370715	718506	3.13%	0.230%
47	14.671	2005	2014	2021	rBV3	793949	1954192	8.52%	0.625%
48	14.736	2021	2025	2032	rVB	328083	552750	2.41%	0.177%
49	15.065	2077	2081	2086	rVB	495432	758321	3.31%	0.242%
50	15.188	2099	2102	2111	rVB4	257939	427526	1.86%	0.137%
51	15.294	2116	2120	2123	rVV3	171298	298696	1.30%	0.096%
52	15.335	2124	2127	2132	rVB3	217814	312338	1.36%	0.100%
53	15.465	2145	2149	2155	rBV5	268532	487767	2.13%	0.156%
54	15.517	2155	2158	2162	rVB	291144	334985	1.46%	0.107%
55	15.658	2178	2182	2187	rVB	732362	1046165	4.56%	0.335%
56	15.711	2187	2191	2196	rBV2	437570	722101	3.15%	0.231%
57	15.923	2222	2227	2232	rVB2	1691346	2496928	10.89%	0.798%
58	16.405	2302	2309	2315	rVB	1155375	2171844	9.47%	0.694%
59	16.528	2326	2330	2339	rVB	1380994	2054284	8.96%	0.657%
60	16.646	2345	2350	2355	rVB	2510898	3603766	15.71%	1.152%
61	16.945	2397	2401	2405	rBV3	723067	1061903	4.63%	0.340%
62	17.174	2437	2440	2444	rBV2	295668	367903	1.60%	0.118%
63	17.227	2445	2449	2453	rVV2	822994	1226124	5.35%	0.392%
64	17.298	2456	2461	2464	rVV2	4254540	6401221	27.91%	2.047%
65	17.333	2464	2467	2471	rVB	2112529	2654002	11.57%	0.849%
66	17.409	2475	2480	2484	rVV2	903752	2168165	9.45%	0.693%
67	17.462	2485	2489	2494	rVV	1357018	2178444	9.50%	0.697%
68	17.515	2495	2498	2502	rVV2	651156	1018411	4.44%	0.326%
69	17.592	2506	2511	2519	rVB2	3400406	5292850	23.08%	1.692%
70	17.874	2554	2559	2562	rBV	4331117	7210095	31.44%	2.306%
71	17.903	2562	2564	2570	rVB2	3562486	4326383	18.87%	1.383%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

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-BG080915.M
Title : SVOA CALIBRATION

72	18.020	2577	2584	2590	rVB	5631475	12674588	55.27%	4.053%
73	18.138	2598	2604	2611	rBV2	5143990	8669094	37.80%	2.772%
74	18.214	2613	2617	2621	rVV	2126503	2799681	12.21%	0.895%
75	18.267	2622	2626	2630	rVV	1519939	2135356	9.31%	0.683%
76	18.314	2632	2634	2644	rVB3	708573	1227292	5.35%	0.392%
77	18.426	2649	2653	2657	rVV	1471859	2193920	9.57%	0.702%
78	18.496	2659	2665	2670	rVV	12876945	21083475	91.94%	6.742%
79	18.561	2670	2676	2680	rVV	12963742	19861052	86.61%	6.351%
80	18.602	2680	2683	2688	rVB	8963908	10773982	46.98%	3.445%
81	18.772	2707	2712	2716	rBV	5193080	7213164	31.45%	2.307%
82	18.819	2716	2720	2724	rVB	2988893	3950547	17.23%	1.263%
83	18.913	2732	2736	2739	rBV	3085509	4235685	18.47%	1.354%
84	18.943	2739	2741	2747	rVB	1577786	1859320	8.11%	0.595%
85	19.342	2799	2809	2815	rVB3	8822344	22932183	100.00%	7.333%
86	19.413	2817	2821	2826	rBV3	3318097	4318238	18.83%	1.381%
87	19.478	2829	2832	2836	rVB	1459119	2025989	8.83%	0.648%
88	19.536	2837	2842	2847	rVV3	6012182	9222004	40.21%	2.949%
89	19.613	2850	2855	2862	rVV	11115635	17549740	76.53%	5.612%
90	19.683	2862	2867	2871	rVB	6222544	8331198	36.33%	2.664%
91	19.807	2884	2888	2891	rBV4	1850538	3126968	13.64%	1.000%
92	19.871	2896	2899	2903	rVB	2687199	3225619	14.07%	1.031%
93	19.948	2909	2912	2915	rVB2	1908530	2181132	9.51%	0.697%
94	20.059	2924	2931	2937	rVB	11787900	17836198	77.78%	5.703%
95	20.177	2948	2951	2954	rBV2	1222340	1519466	6.63%	0.486%
96	20.318	2970	2975	2979	rBV3	6874445	9503760	41.44%	3.039%
97	20.371	2980	2984	2988	rVB	7697058	9326387	40.67%	2.982%
98	20.600	3019	3023	3027	rVB	6229155	7406215	32.30%	2.368%
99	20.647	3028	3031	3034	rBV2	2853968	3333287	14.54%	1.066%
100	21.593	3188	3192	3202	rVB	5406168	9358448	40.81%	2.993%

Sum of corrected areas: 312727501

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

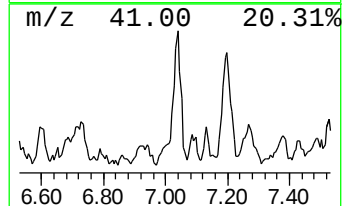
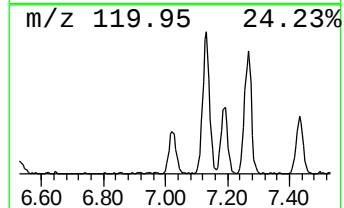
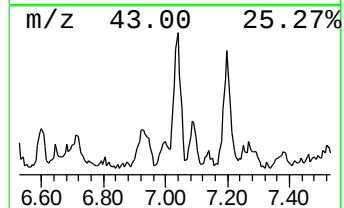
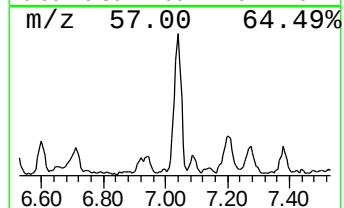
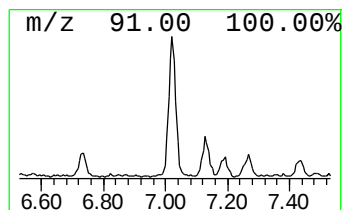
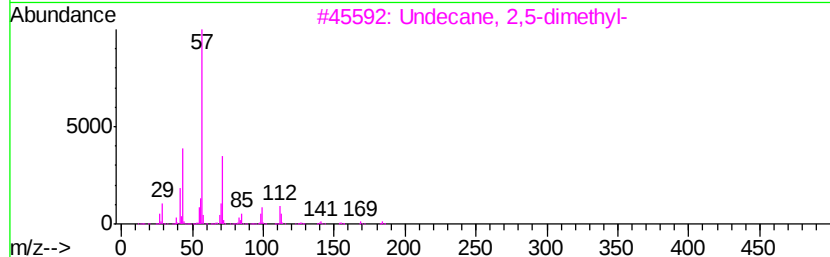
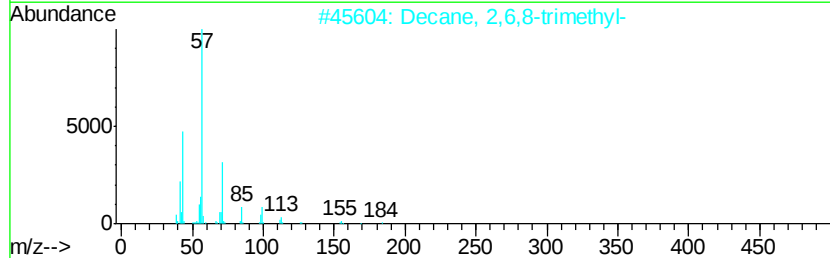
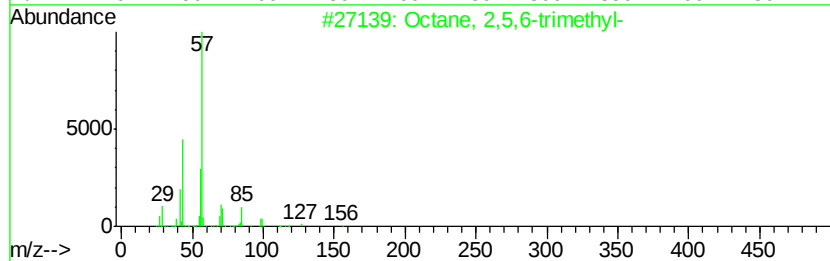
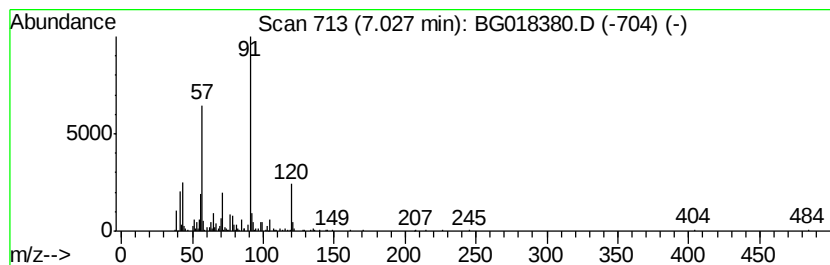
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	11.04 ng/ul	378657	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	47
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	47
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	47
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	47
5		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

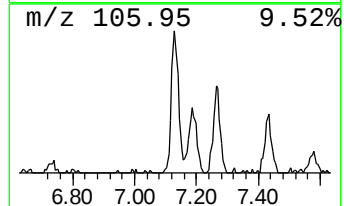
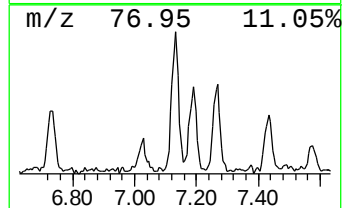
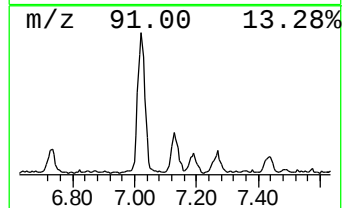
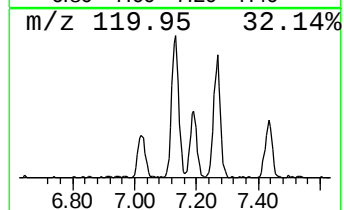
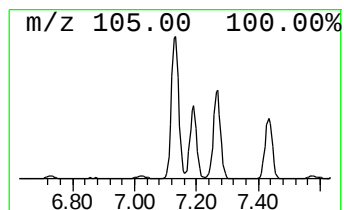
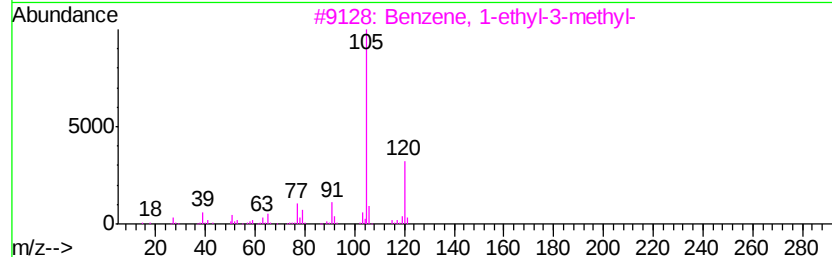
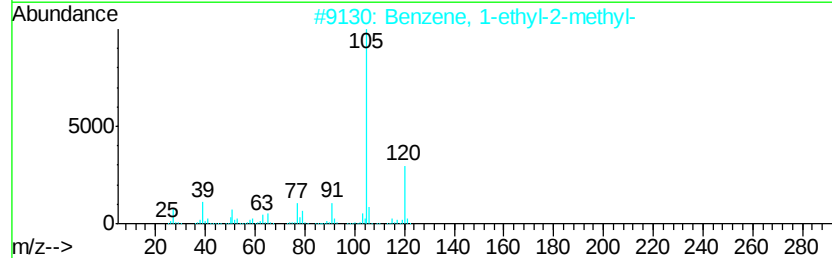
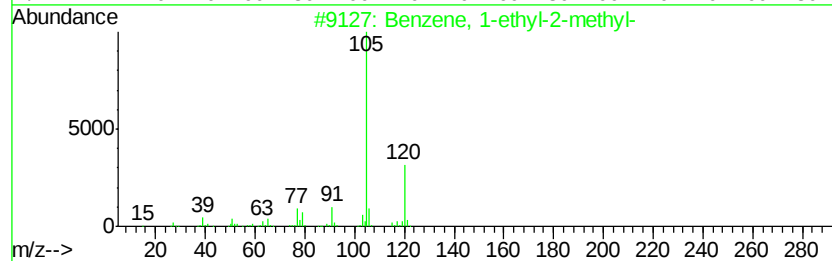
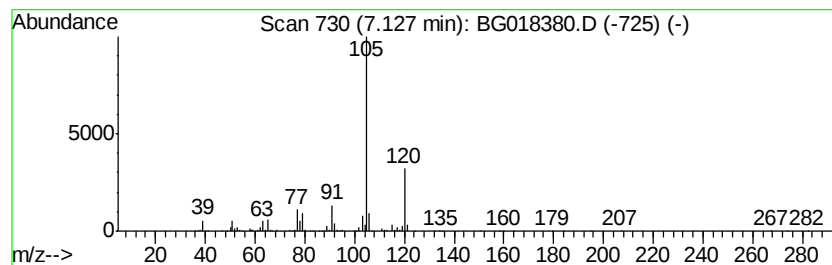
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	11.28 ng/ul	386621	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

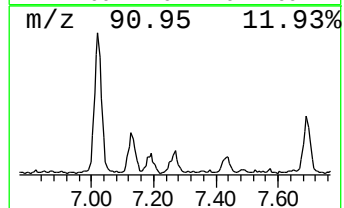
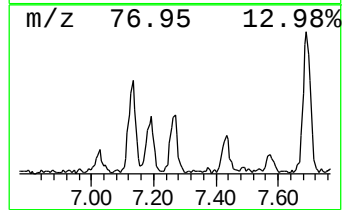
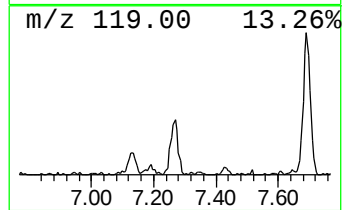
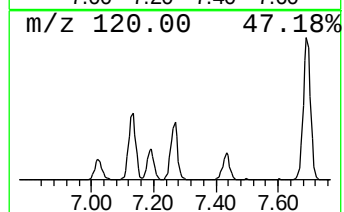
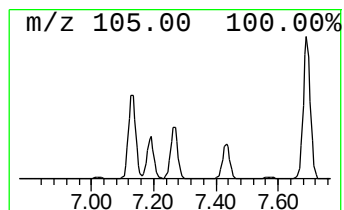
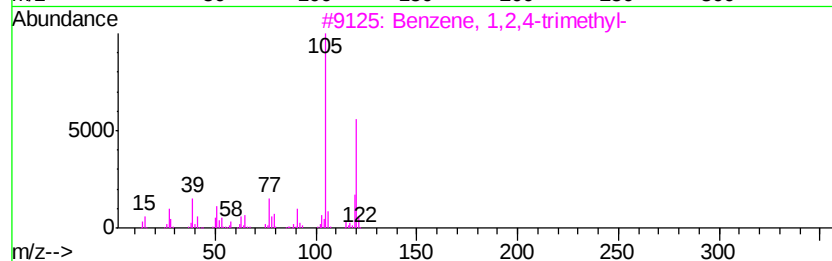
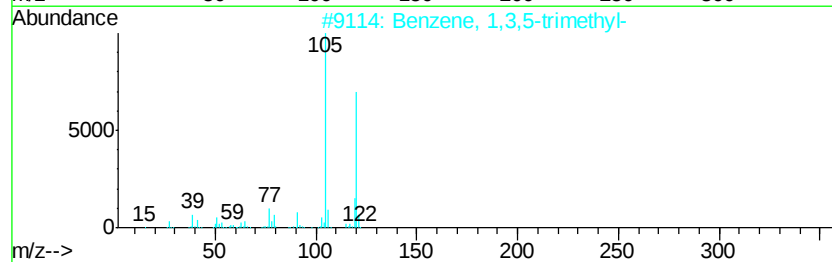
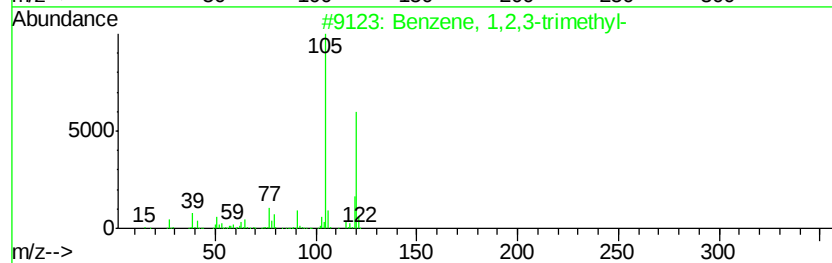
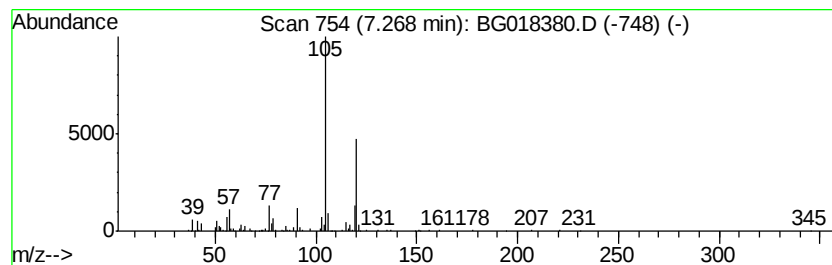
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	8.95 ng/ul	306805	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

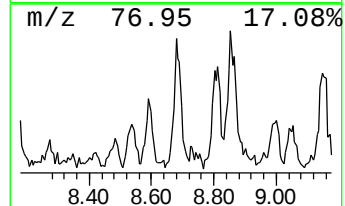
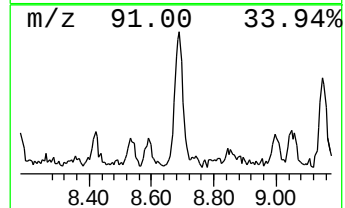
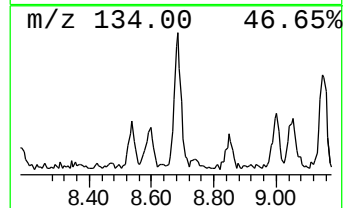
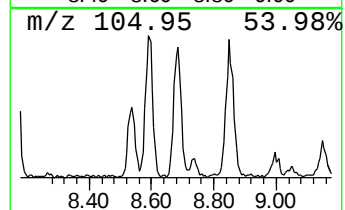
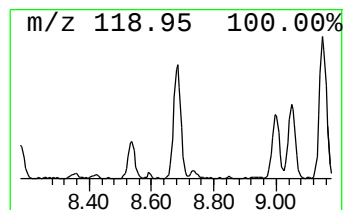
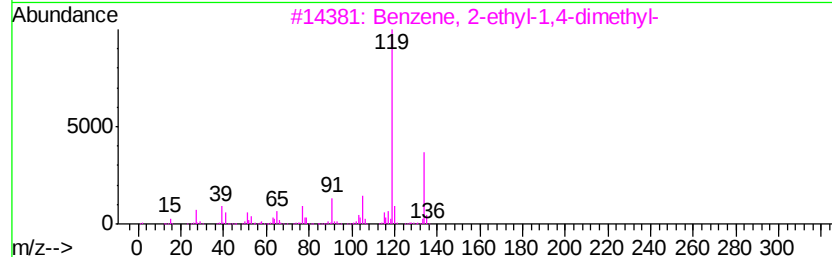
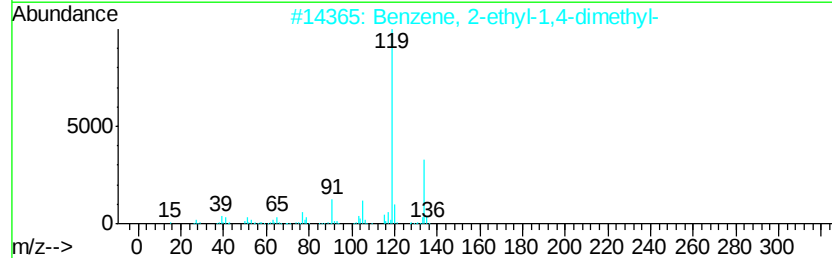
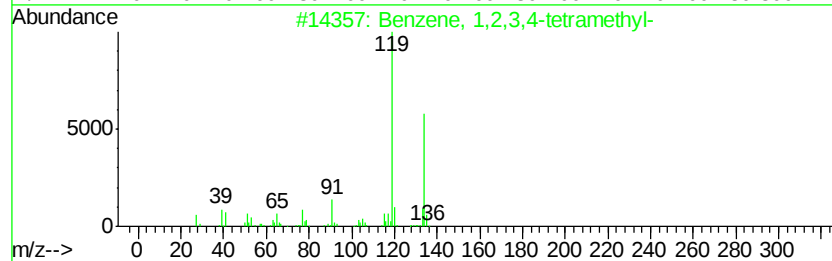
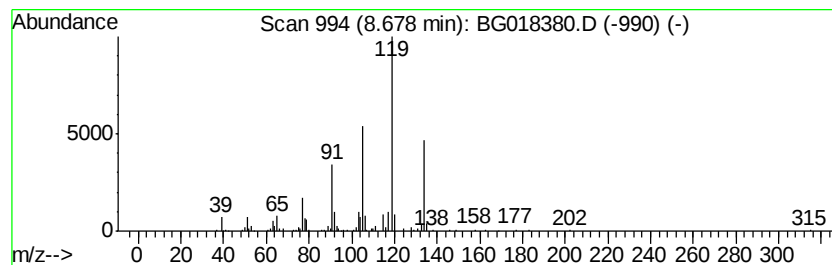
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	7.94 ng/ul	272322	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

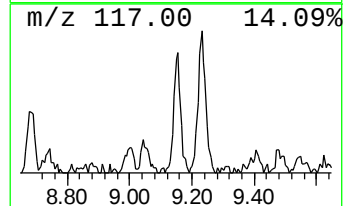
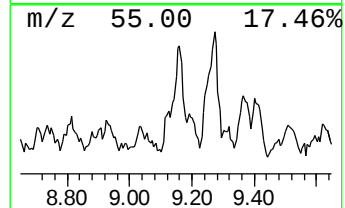
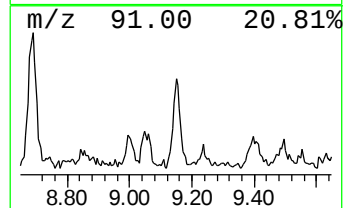
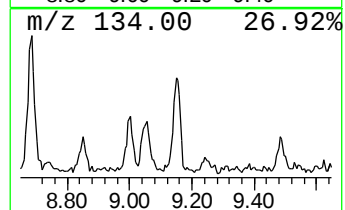
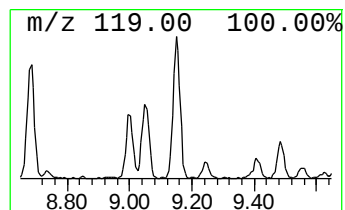
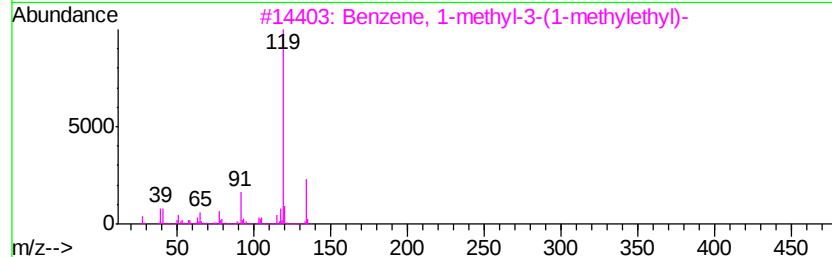
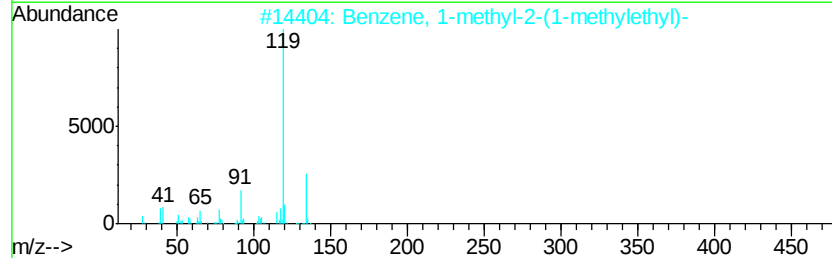
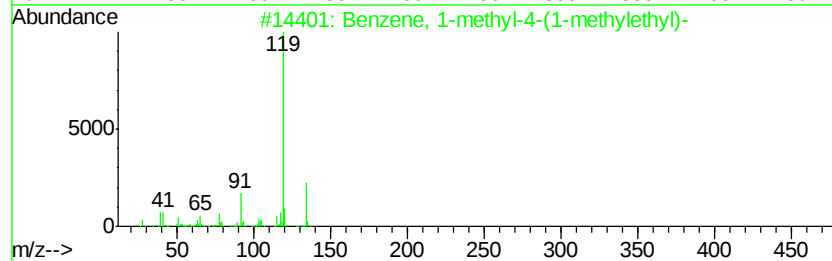
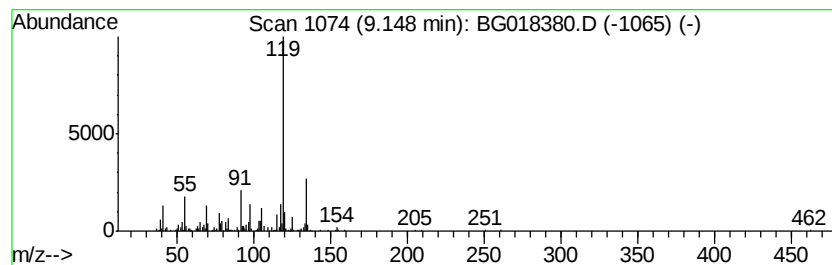
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, 1-methyl-4-(1-meth... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	10.20 ng/ul	349591	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

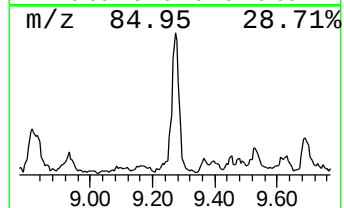
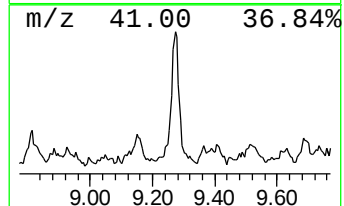
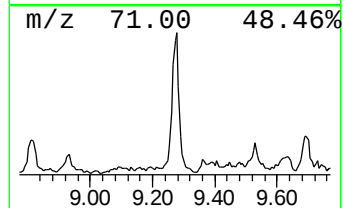
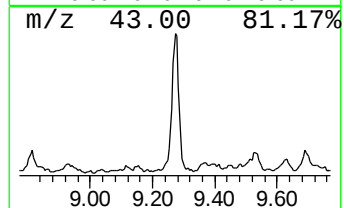
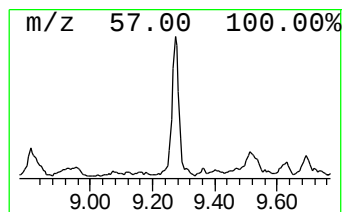
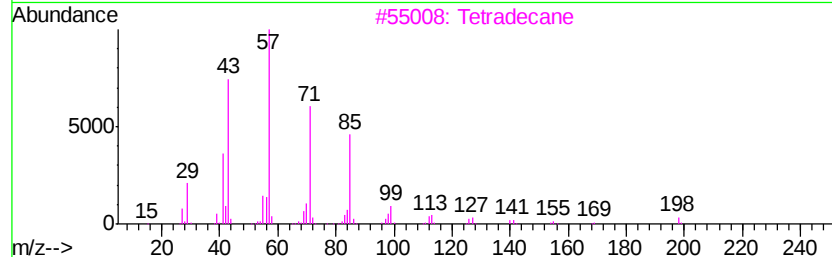
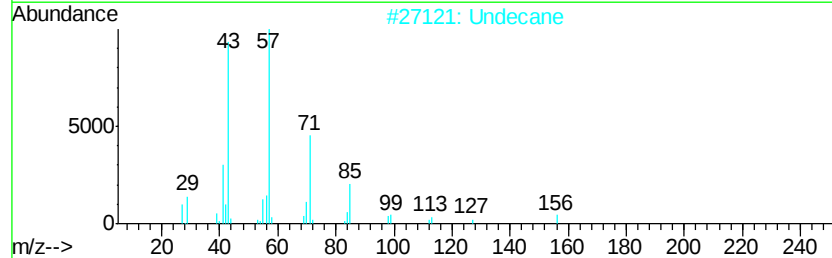
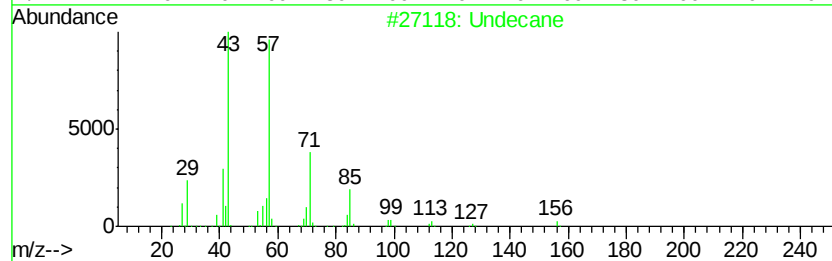
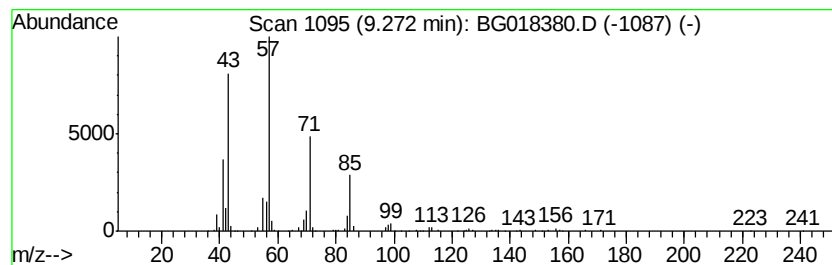
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	12.95 ng/ul	443924	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Undecane	156	C11H24	001120-21-4	87
3		Tetradecane	198	C14H30	000629-59-4	83
4		Tridecane	184	C13H28	000629-50-5	78
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

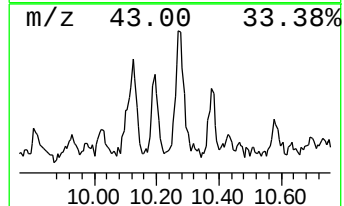
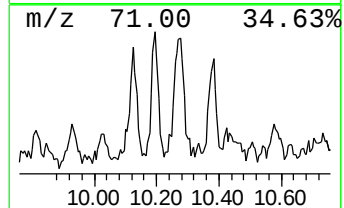
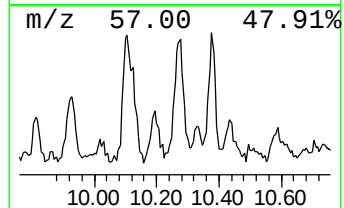
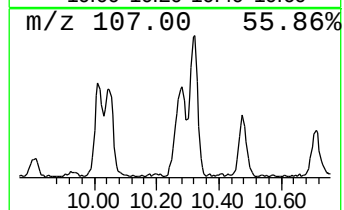
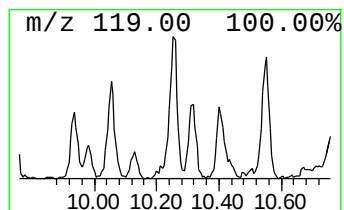
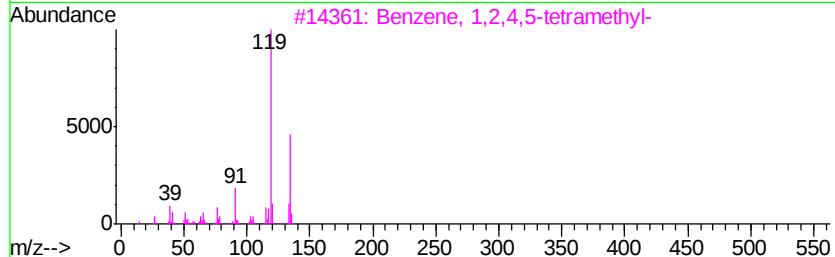
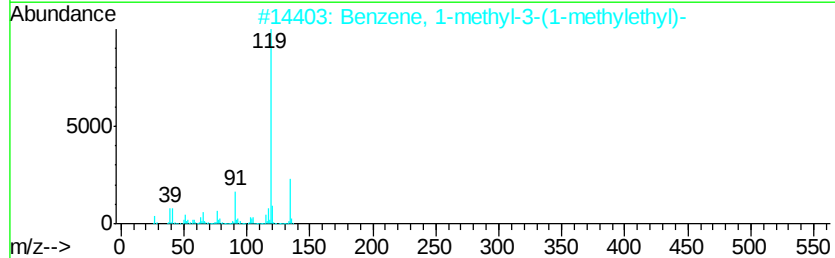
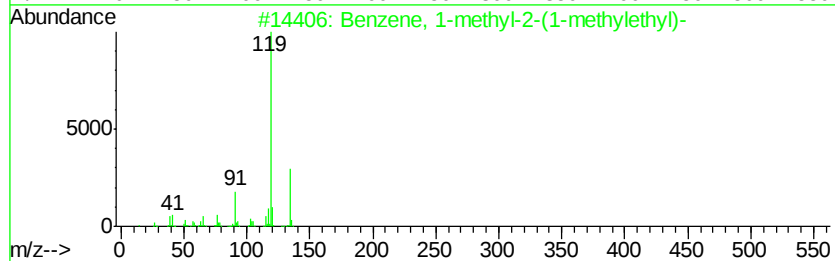
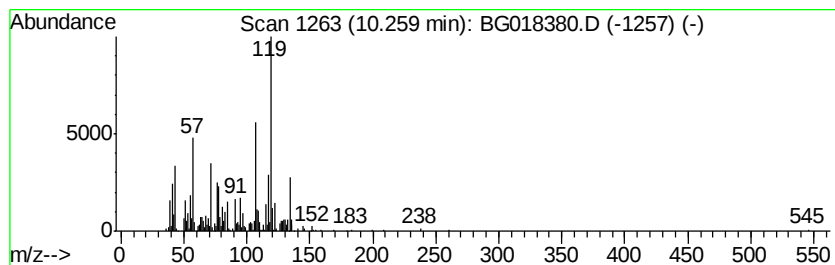
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-2-(1-meth... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	5.73 ng/ul	396763	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	55
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	55



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

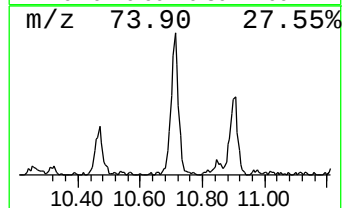
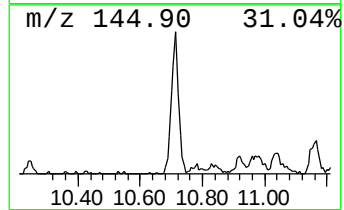
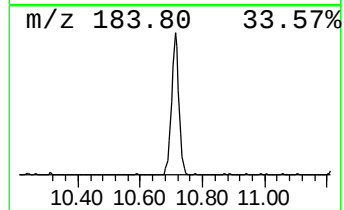
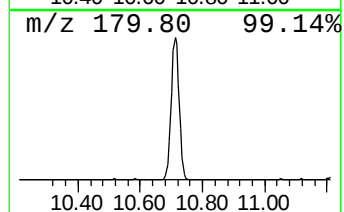
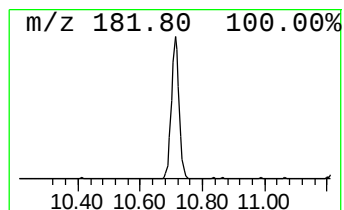
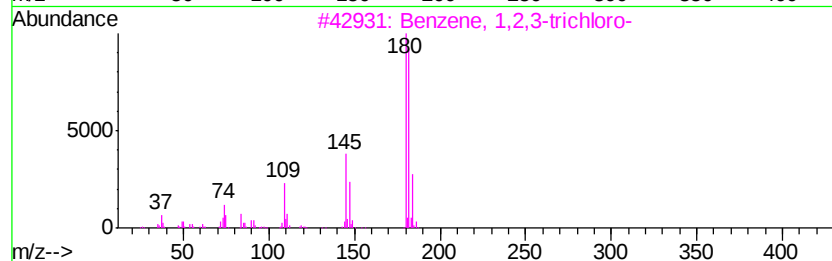
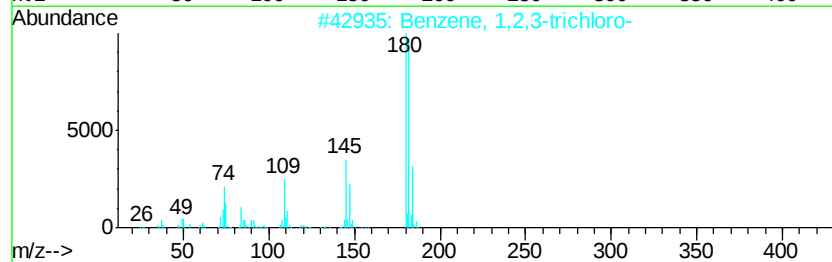
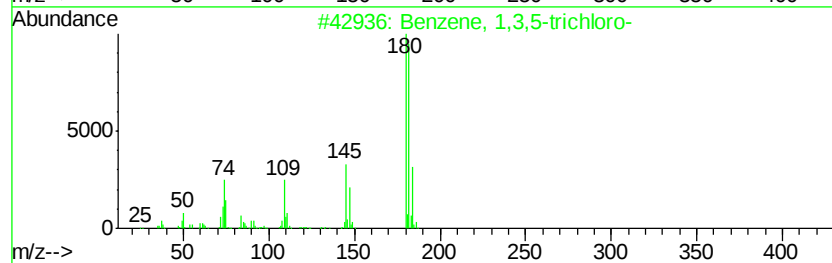
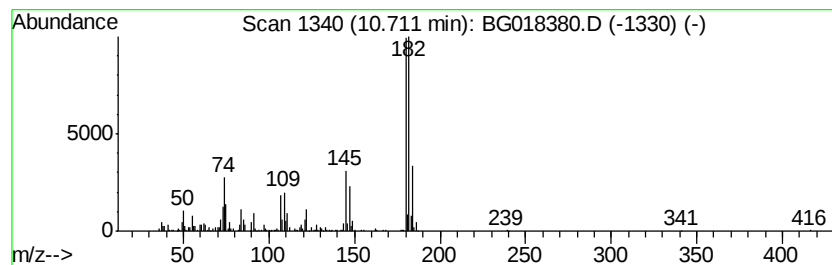
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Benzene, 1,3,5-trichloro- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	10.92 ng/ul	755533	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
5		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

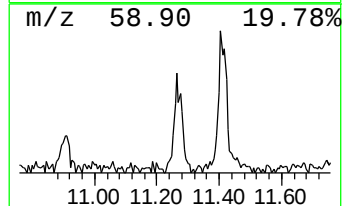
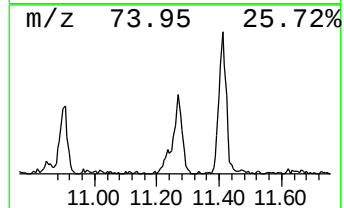
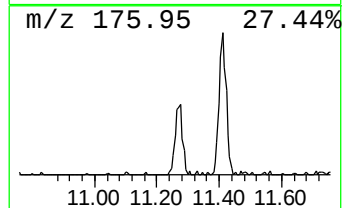
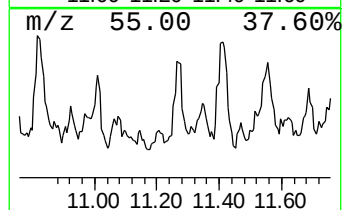
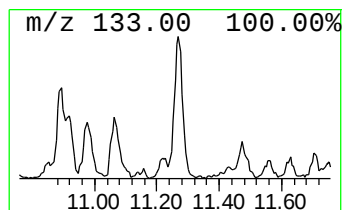
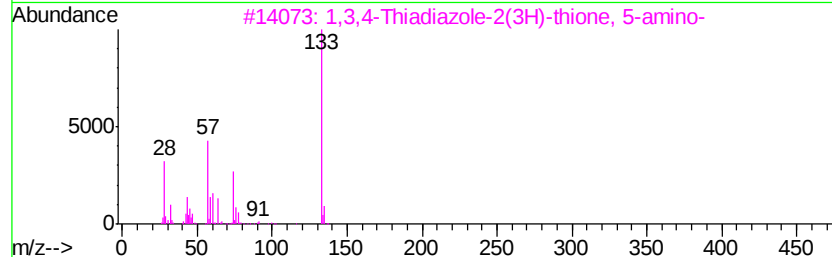
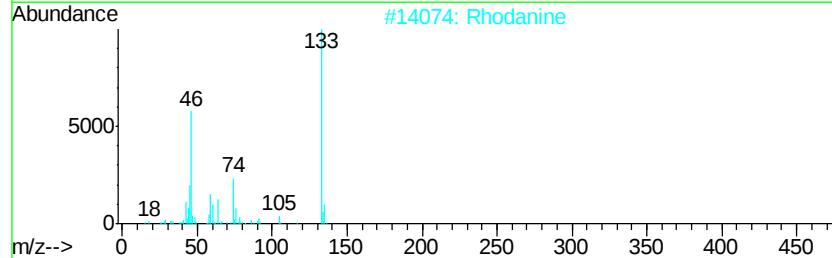
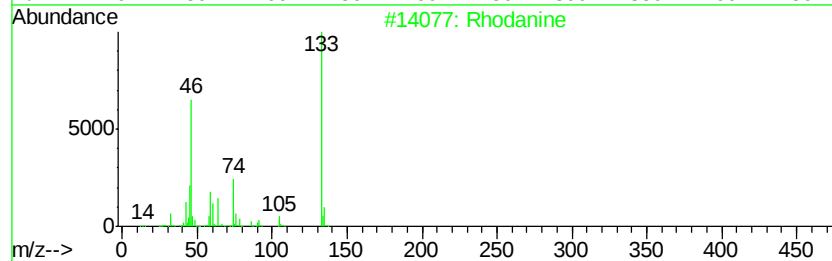
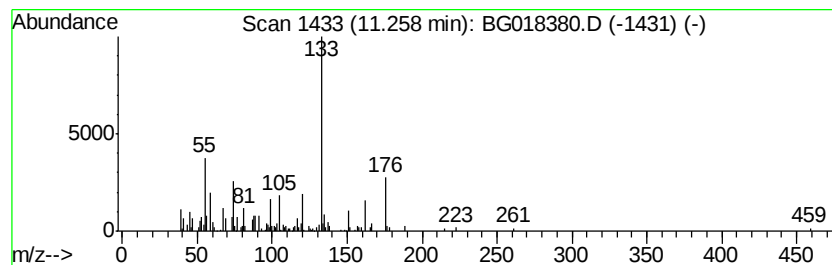
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 Rhodanine Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	3.76 ng/ul	260260	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Rhodanine	133	C3H3NOS2	000141-84-4	53
2		Rhodanine	133	C3H3NOS2	000141-84-4	53
3		1,3,4-Thiadiazole-2(3H)-thione, ...	133	C2H3N3S2	002349-67-9	53
4		1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	38
5		Rhodanine	133	C3H3NOS2	000141-84-4	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

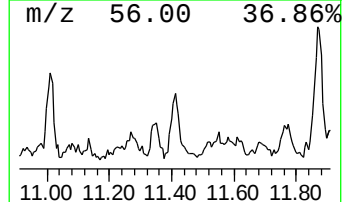
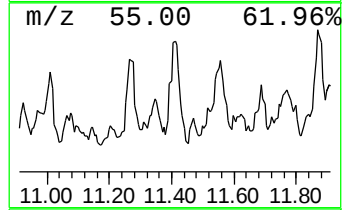
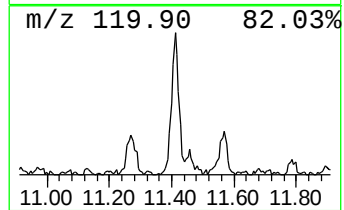
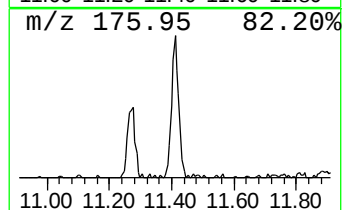
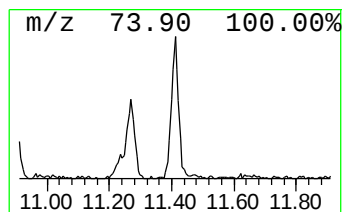
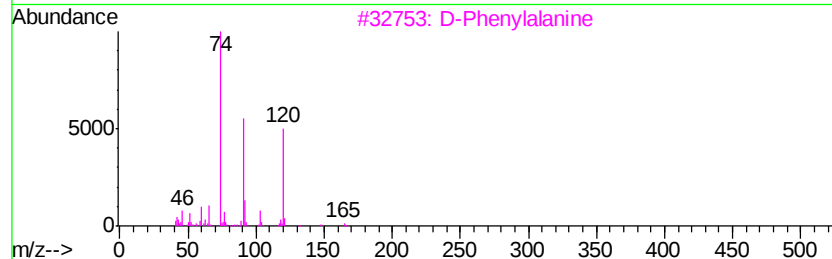
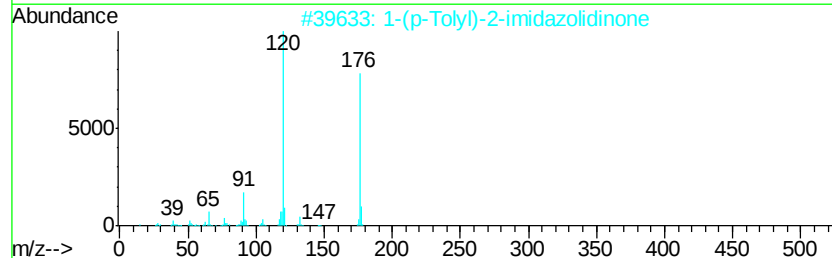
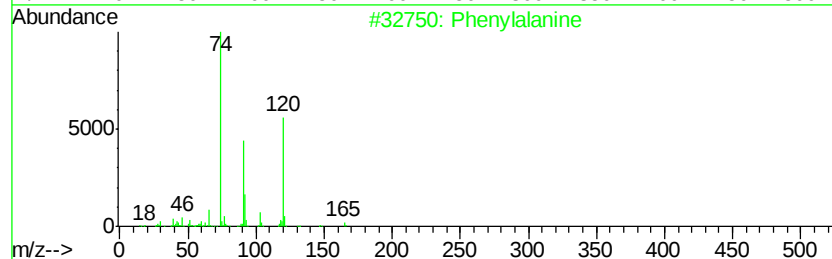
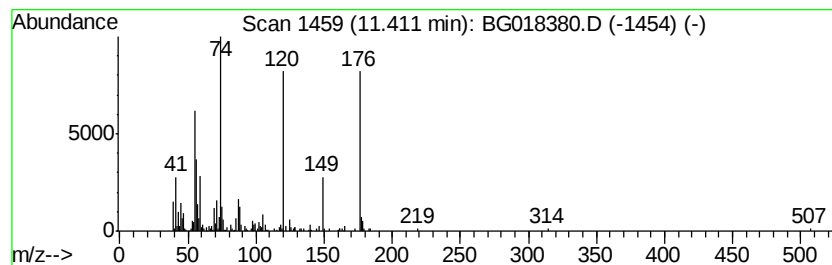
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-01 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	3.53 ng/ul	244535	Napthalene-d8	10.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenvlalanine	165	C9H11N02	000063-91-2	35
2			1-(p-Tolyl)-2-imidazolidinone	176	C10H12N2O	090917-76-3	25
3			D-Phenvlalanine	165	C9H11N02	000673-06-3	22
4			dl-Homoserine	119	C4H9N03	001927-25-9	18
5			Thiirane, methyl-	74	C3H6S	001072-43-1	14



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

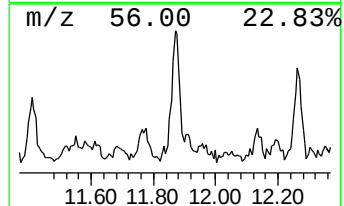
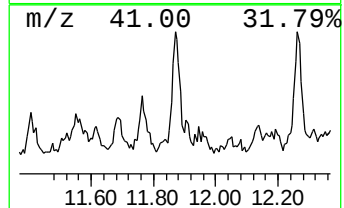
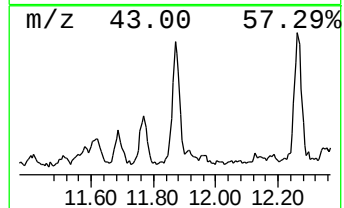
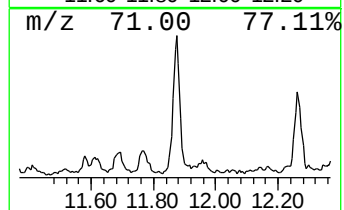
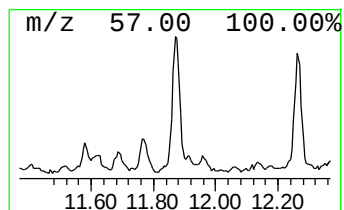
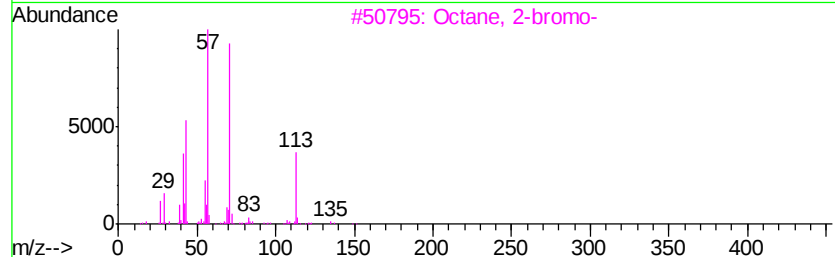
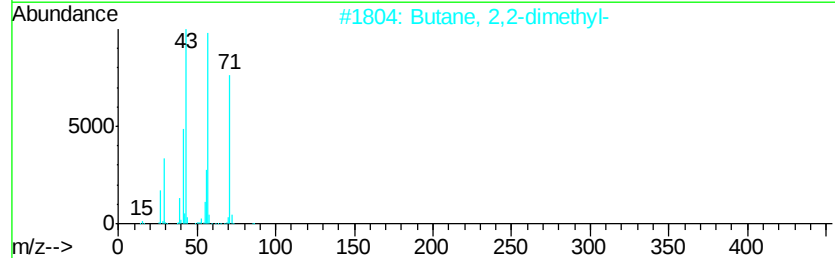
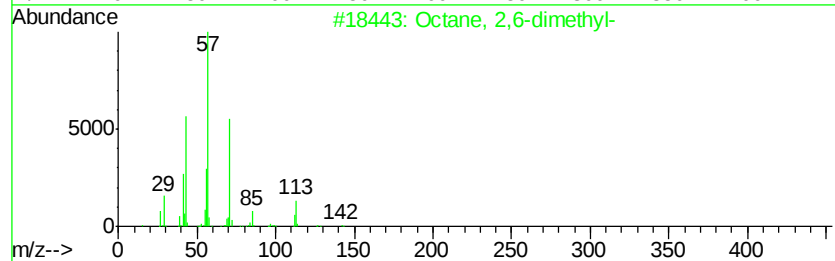
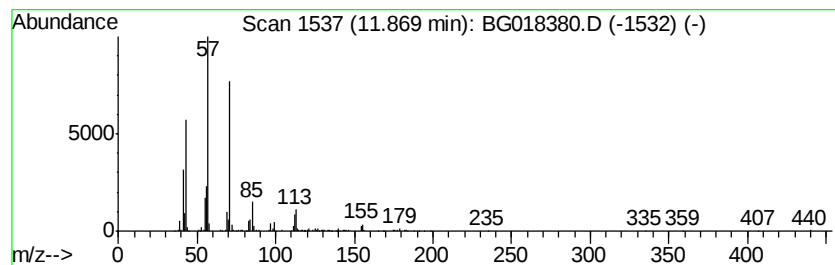
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.51 ng/ul	381354	Naphthalene-d8	10.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50
3			Octane, 2-bromo-	192	C8H17Br	000557-35-7	50
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	49
5			3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

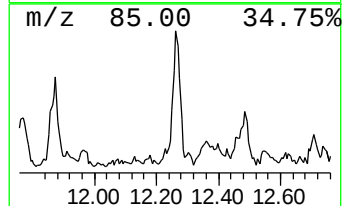
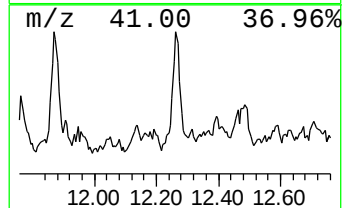
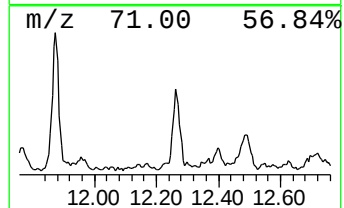
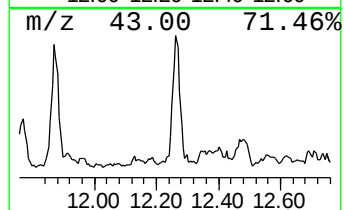
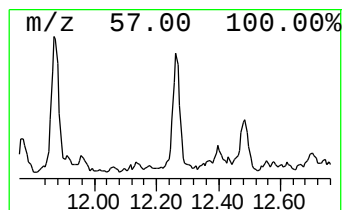
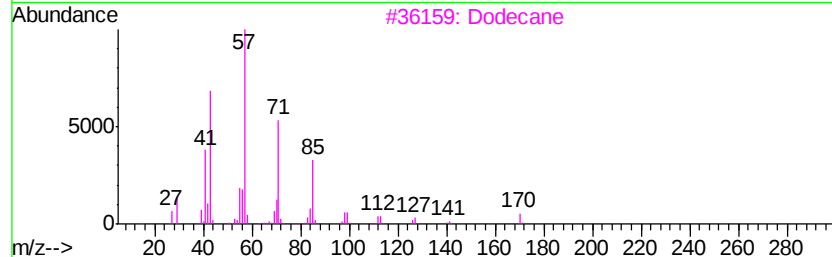
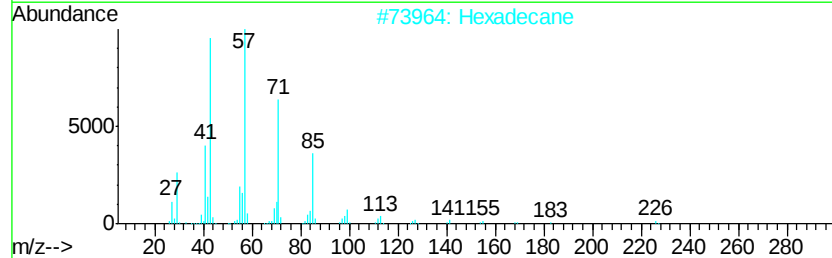
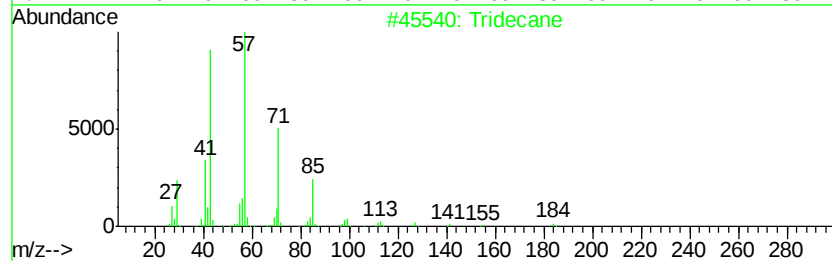
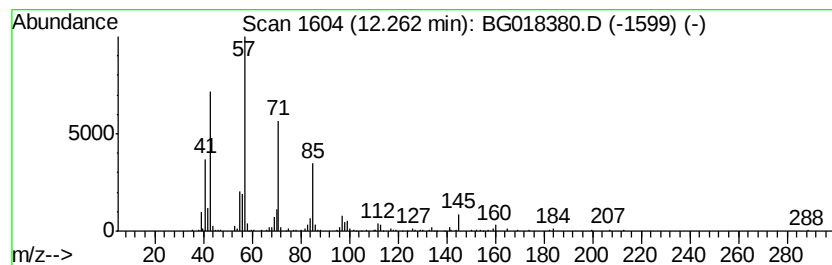
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	4.06 ng/ul	281118	Napthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Hexadecane	226	C16H34	000544-76-3	72
3		Dodecane	170	C12H26	000112-40-3	72
4		Tetradecane	198	C14H30	000629-59-4	72
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	62



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

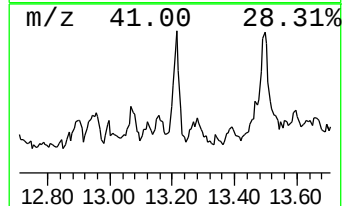
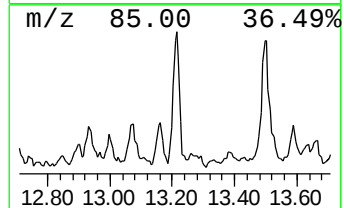
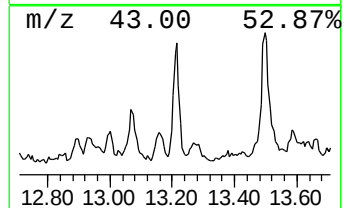
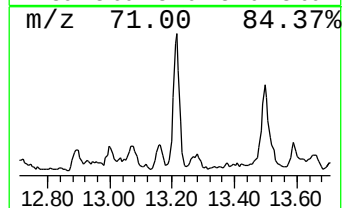
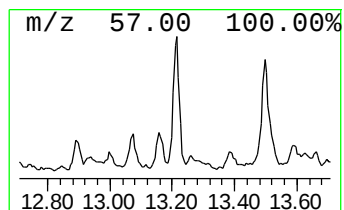
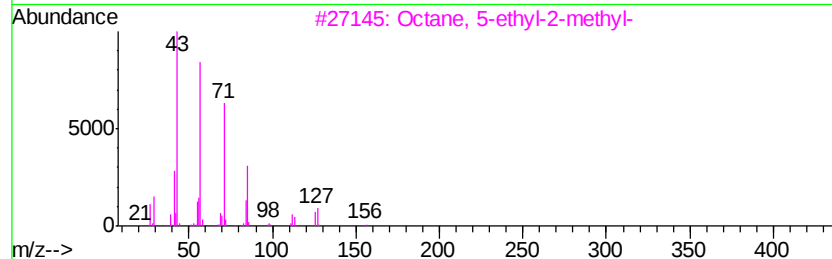
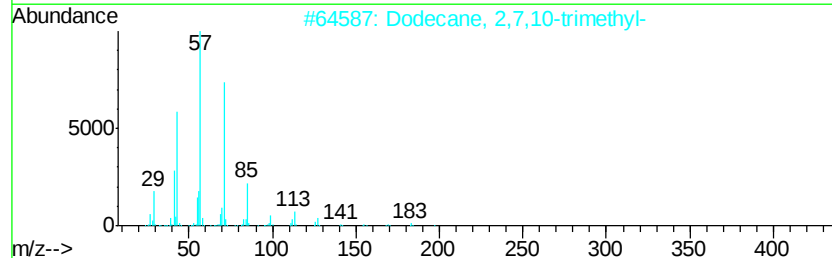
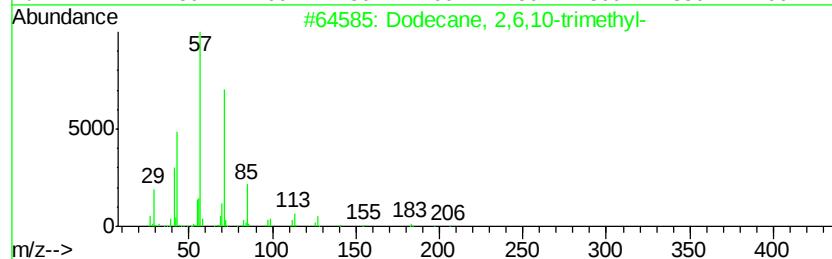
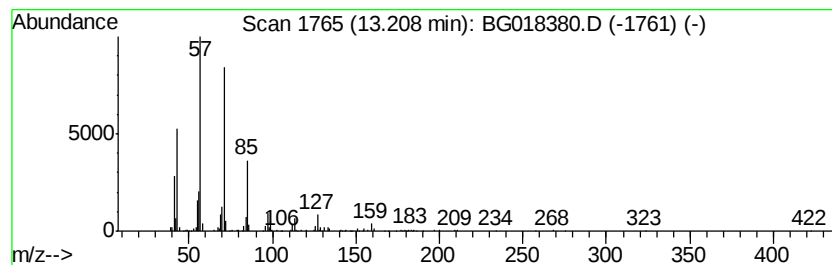
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	4.64 ng/ul	453033	Acenaphthene-d10	14.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	78
4			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	78
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

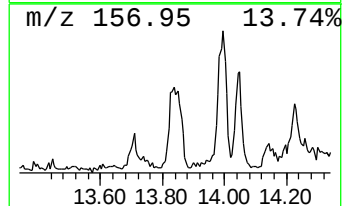
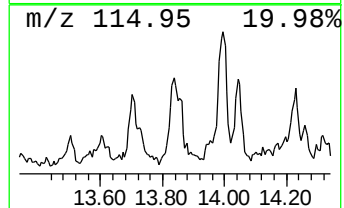
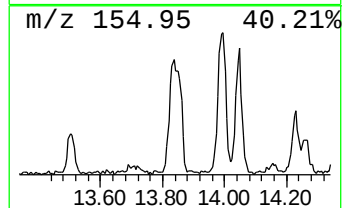
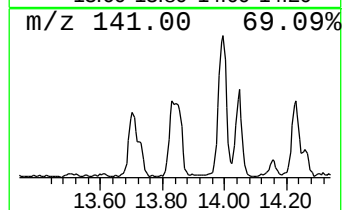
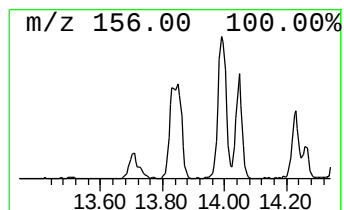
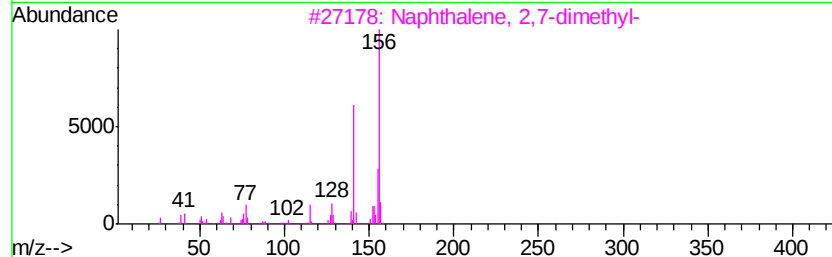
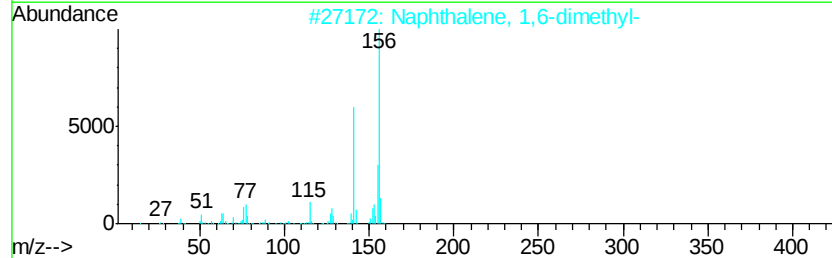
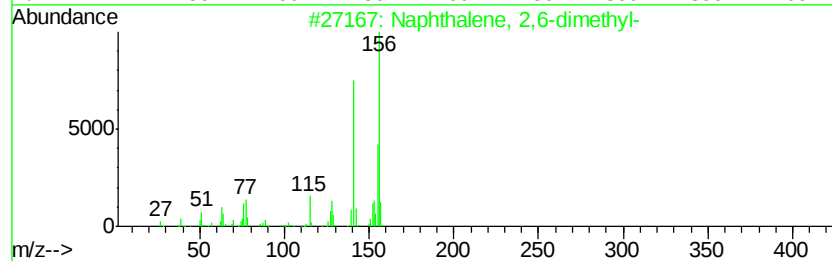
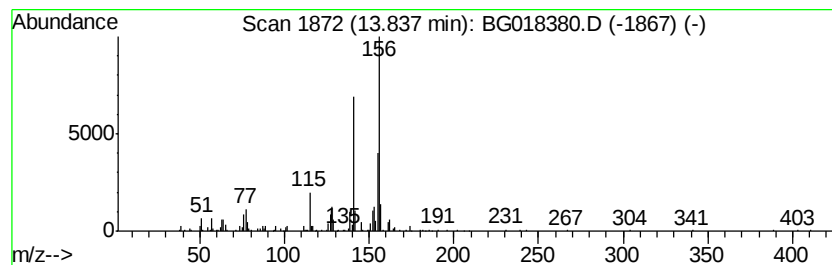
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 Naphthalene, 2,6-dimethyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.59 ng/ul	351131	Acenaphthene-d10	14.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C01P9

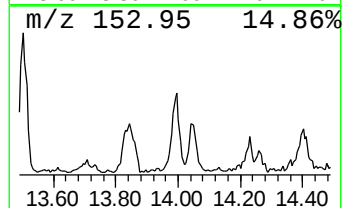
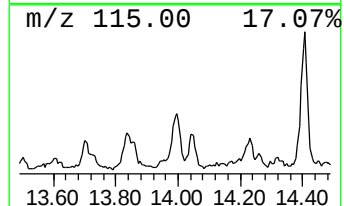
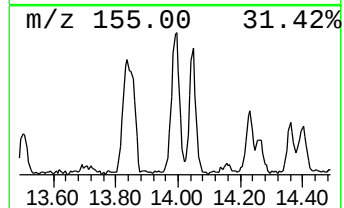
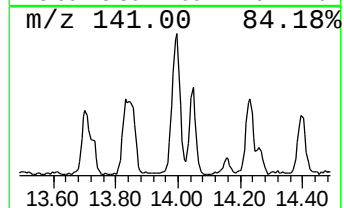
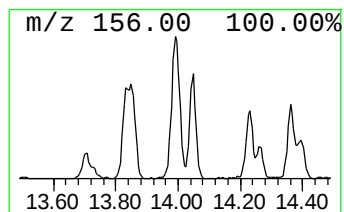
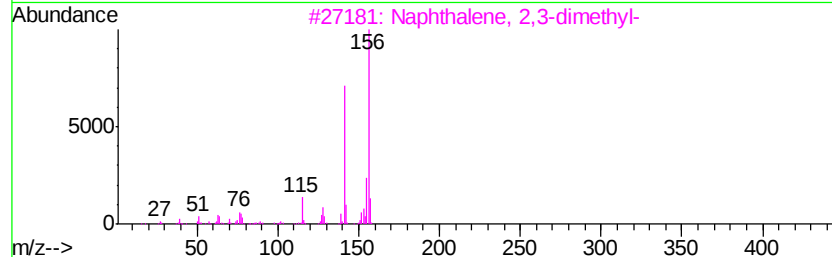
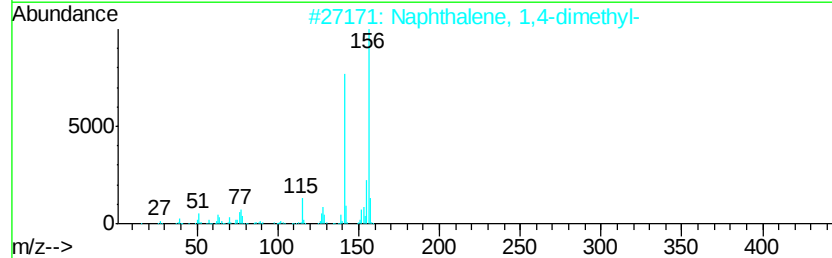
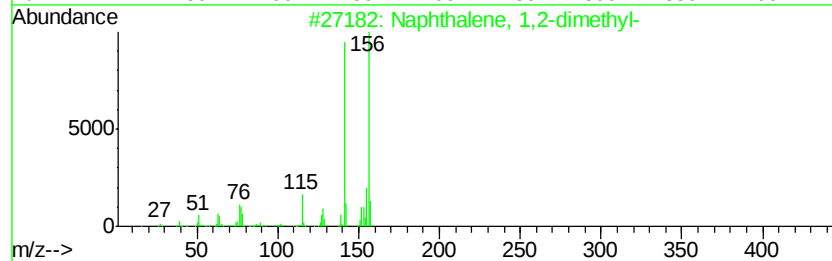
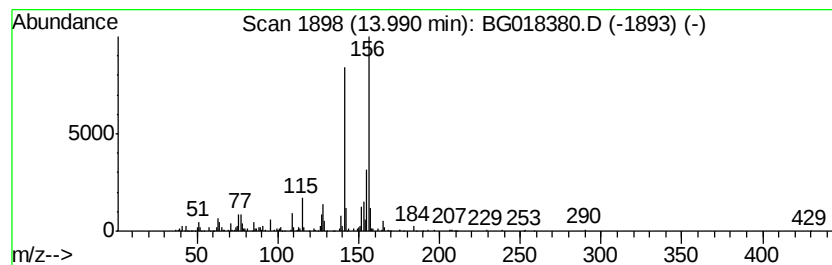
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 Naphthalene, 1,2-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	6.05 ng/ul	590861	Acenaphthene-d10	14.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

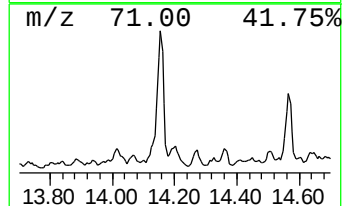
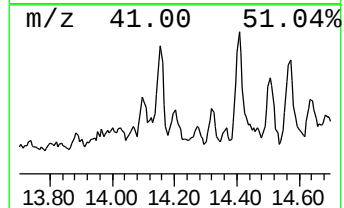
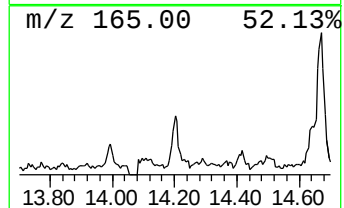
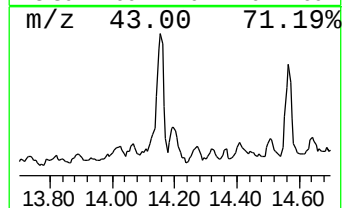
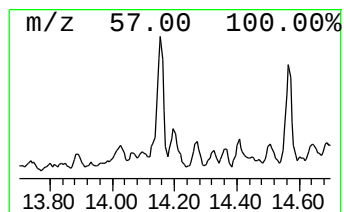
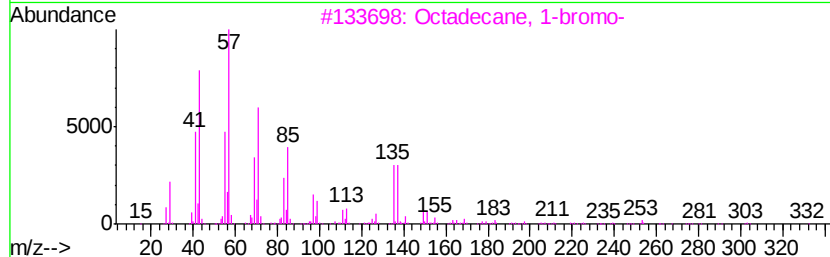
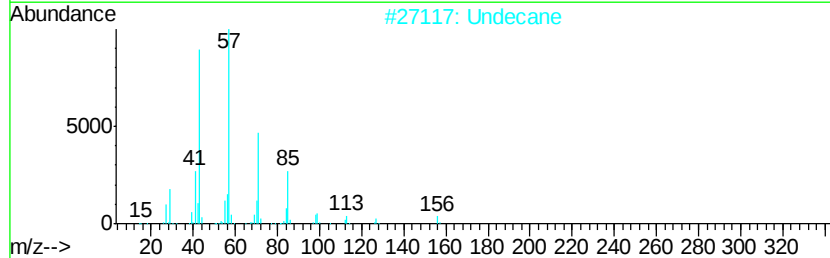
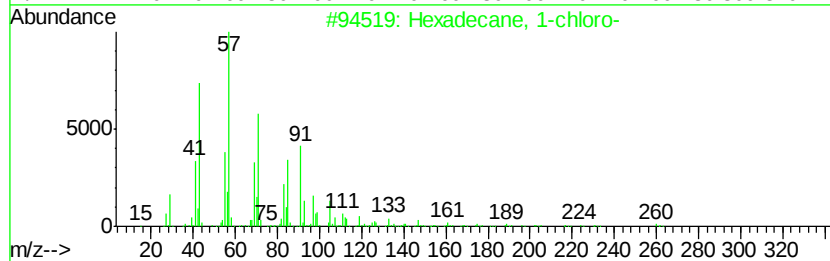
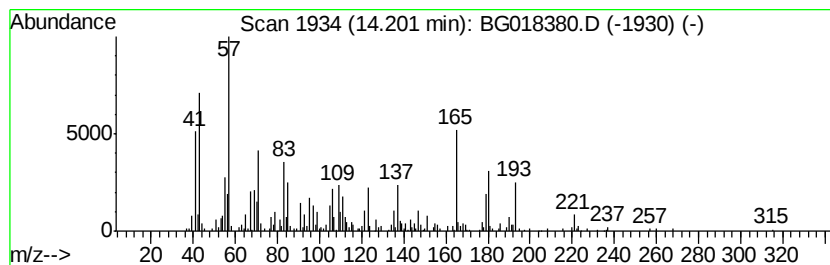
Instrument :
BNA_G
ClientSampleId :
C01P9

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 unknown-02 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.20	3.08 ng/ul	300887	Acenaphthene-d10	14.67	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	25
2	Undecane	156	C11H24	001120-21-4	25
3	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	18
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	15
5	Undecane	156	C11H24	001120-21-4	11



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

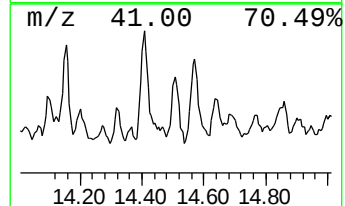
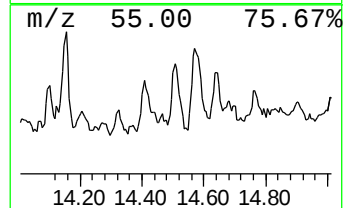
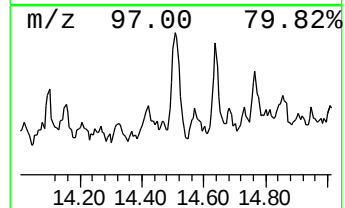
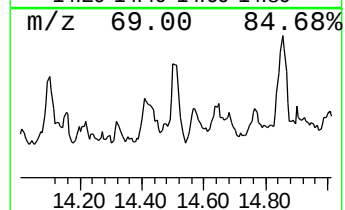
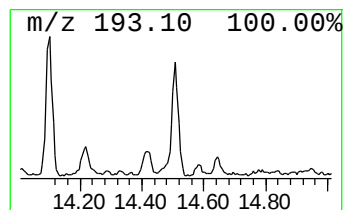
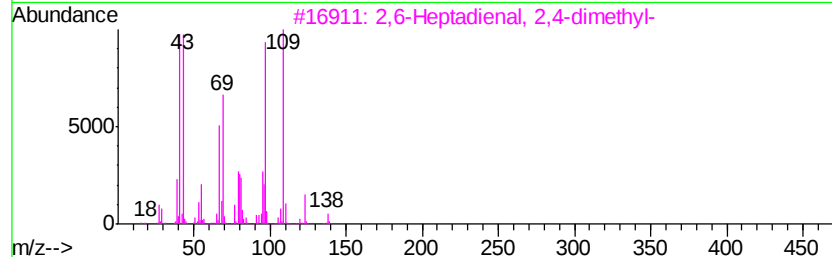
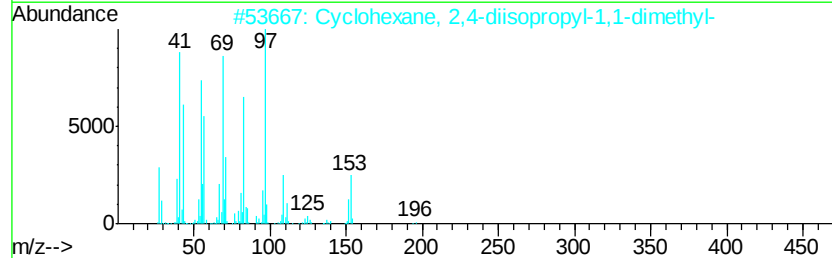
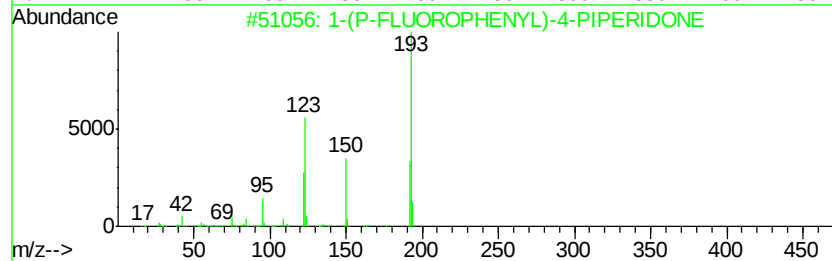
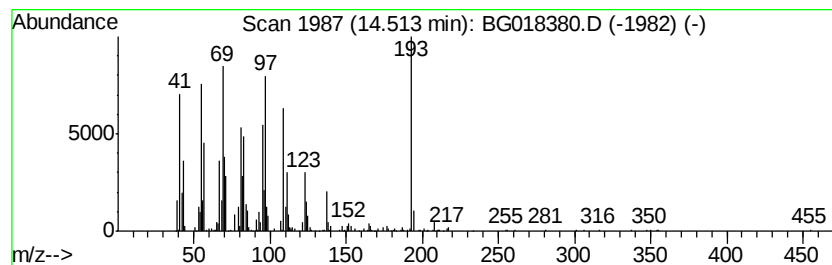
Instrument :
BNA_G
ClientSampleId :
C01P9

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 unknown-03 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	5.79 ng/ul	566104	Acenaphthene-d10	14.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193 C11H12FNO	1000238-56-7 43
2		Cyclohexane, 2,4-diisopropyl-1,1...	196 C14H28	1000149-60-5 35
3		2,6-Heptadienal, 2,4-dimethyl-	138 C9H14O	085136-08-9 25
4		Neopentylidenecyclohexane	152 C11H20	039546-80-0 15
5		Cyclohexane, 1-(cyclohexylmethyl...	194 C14H26	054823-96-0 11



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

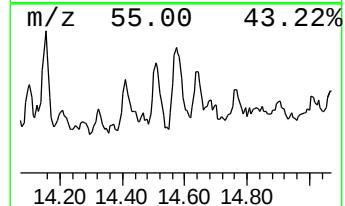
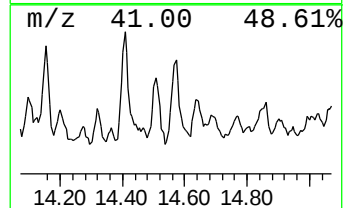
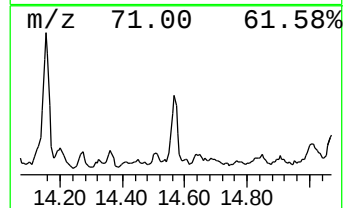
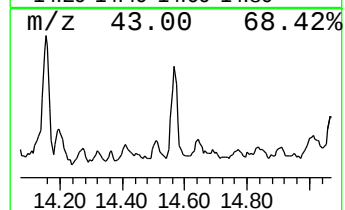
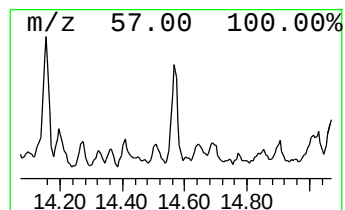
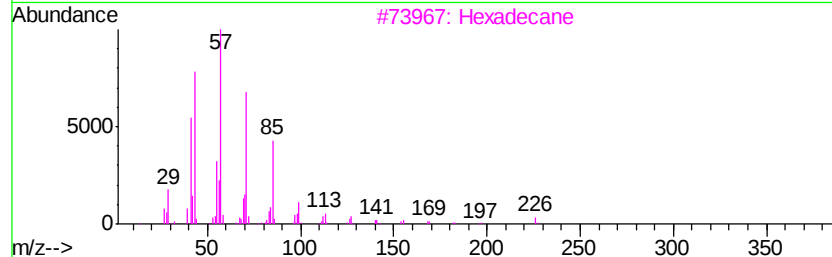
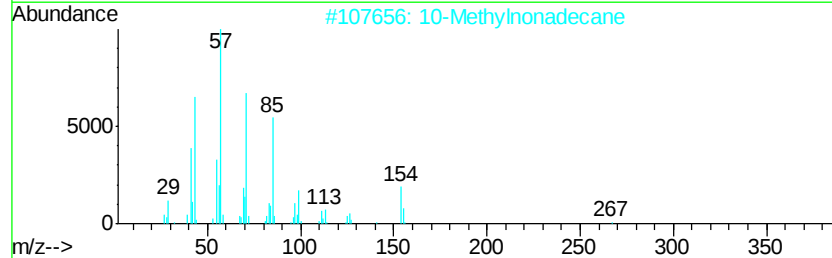
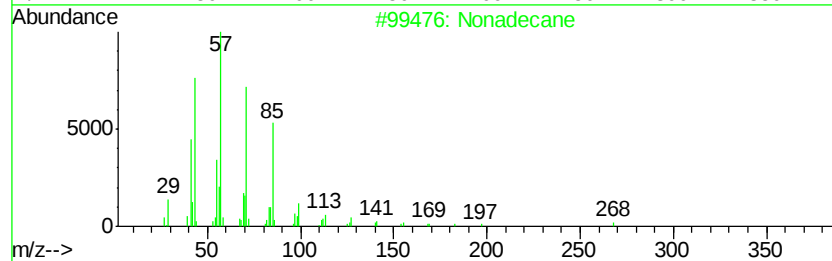
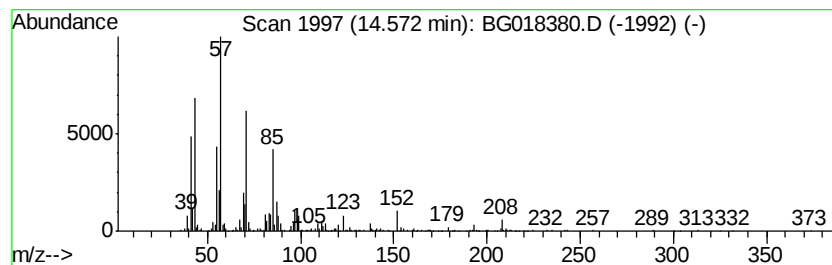
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	7.35 ng/ul	718506	Acenaphthene-d10	14.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	74
2		10-Methylnonadecane	282	C20H42	056862-62-5	74
3		Hexadecane	226	C16H34	000544-76-3	64
4		Eicosane	282	C20H42	000112-95-8	53
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

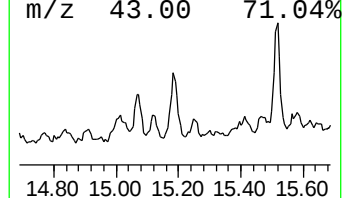
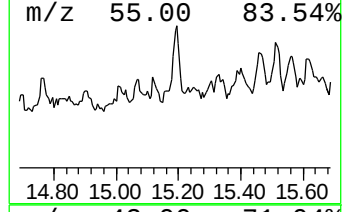
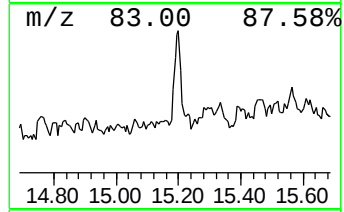
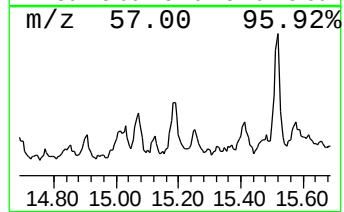
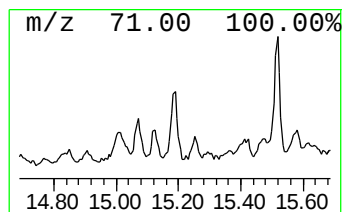
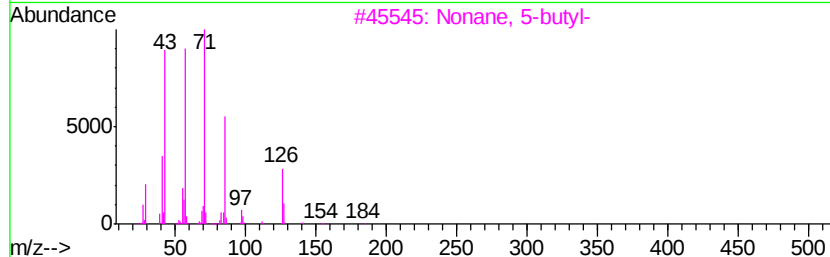
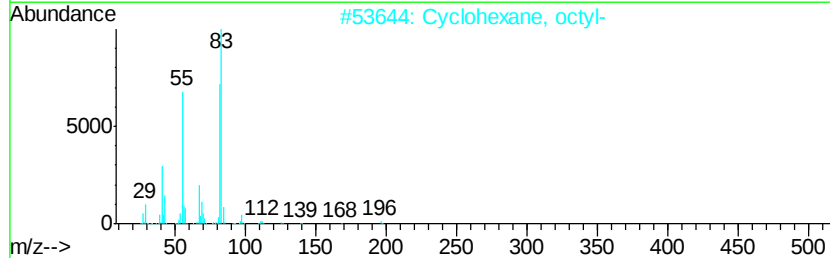
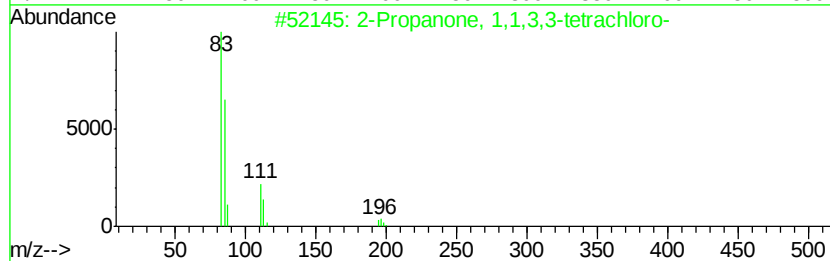
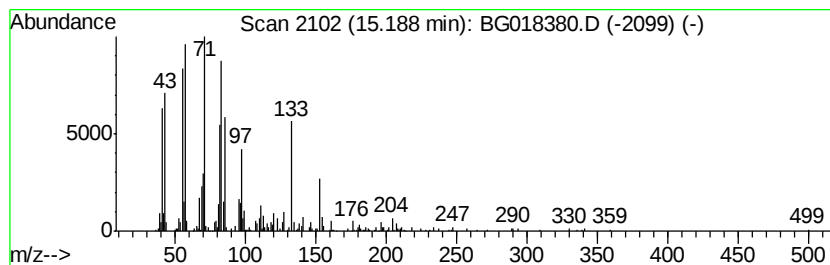
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 unknown-04 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	4.38 ng/ul	427526	Acenaphthene-d10	14.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, 1,1,3,3-tetrachloro-	194	C3H2Cl4O	000632-21-3	38
2			Cyclohexane, octyl-	196	C14H28	001795-15-9	25
3			Nonane, 5-butyl-	184	C13H28	017312-63-9	22
4			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	22
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

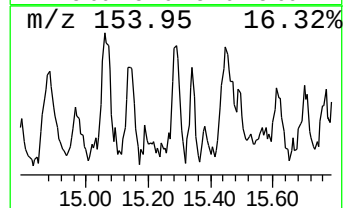
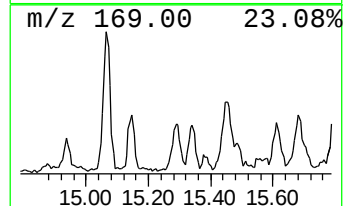
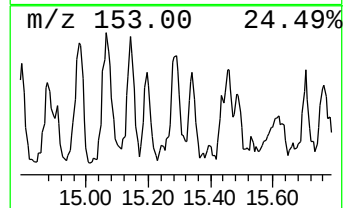
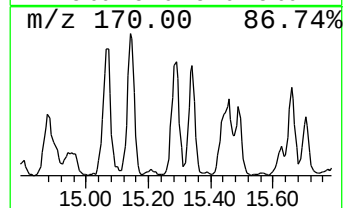
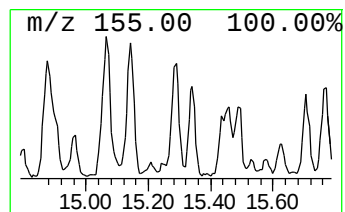
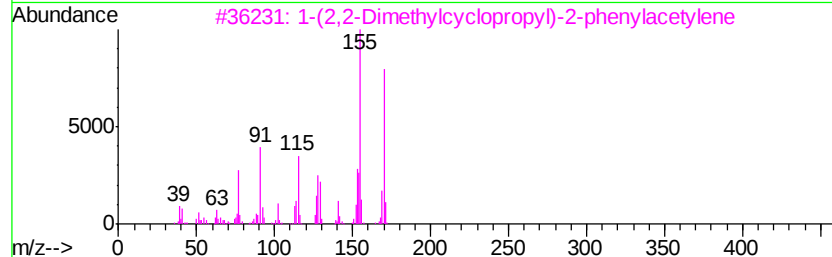
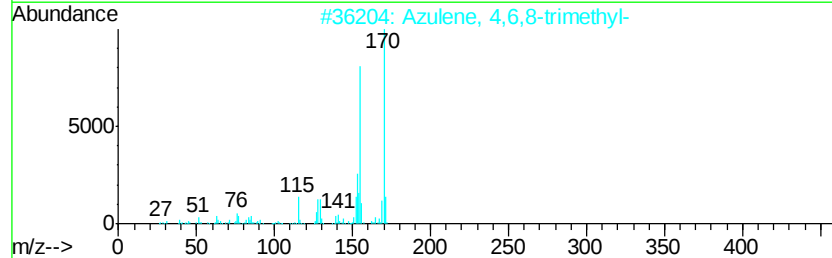
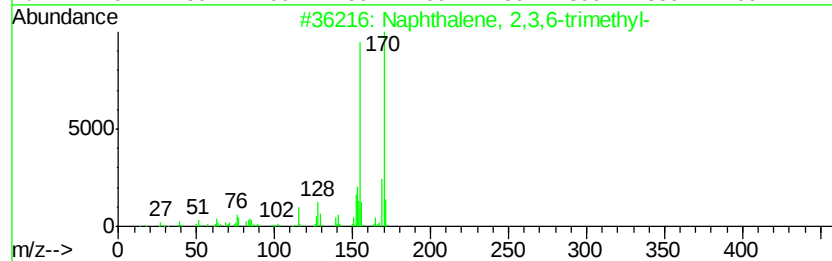
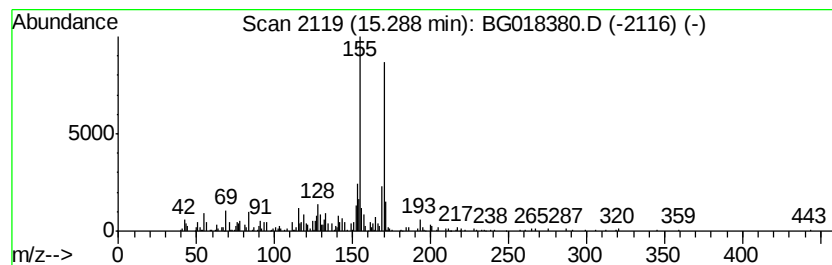
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 Naphthalene, 2,3,6-trimethyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	3.06 ng/ul	298696	Acenaphthene-d10	14.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91
3		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	81
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

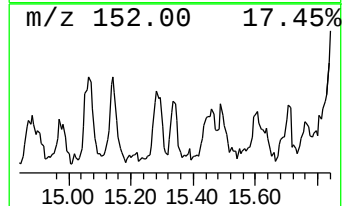
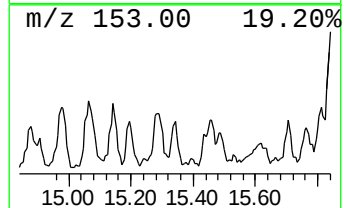
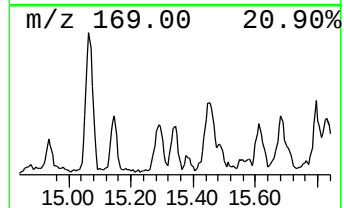
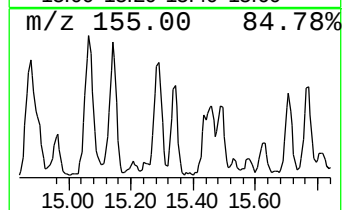
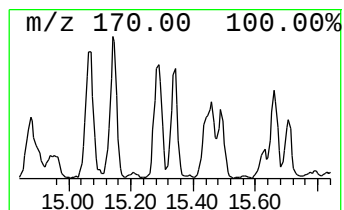
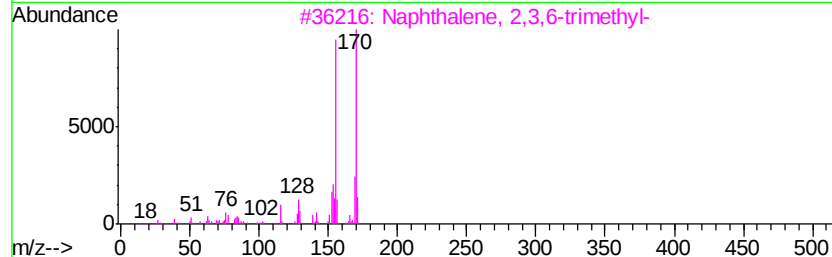
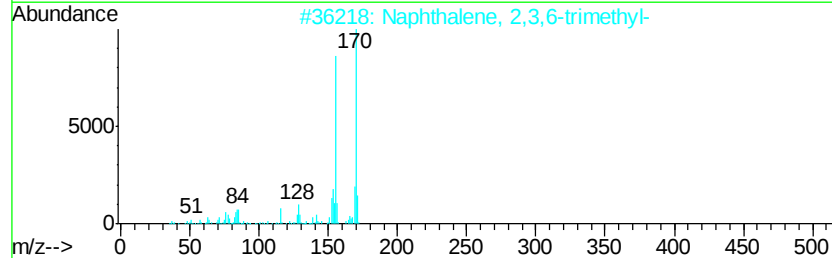
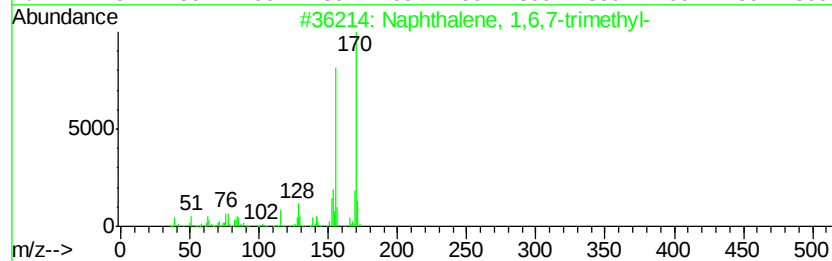
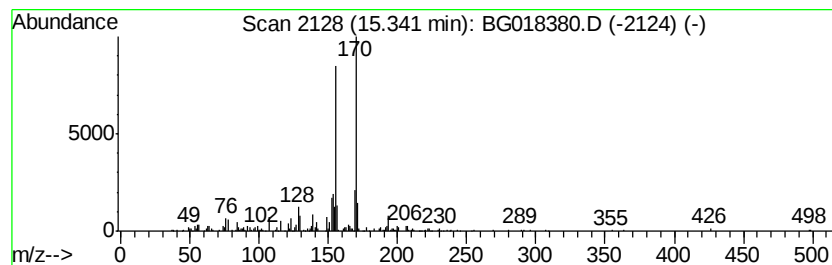
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 Naphthalene, 1,6,7-trimethyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	3.20 ng/ul	312338	Acenaphthene-d10	14.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

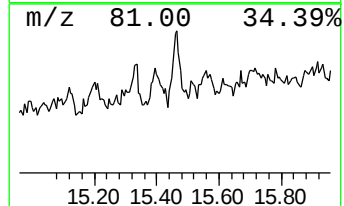
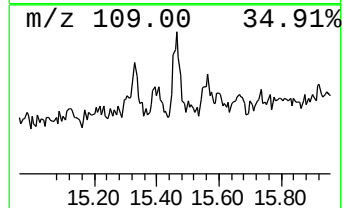
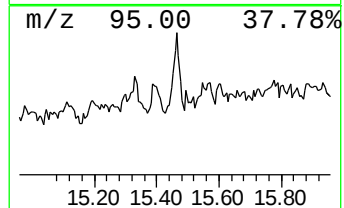
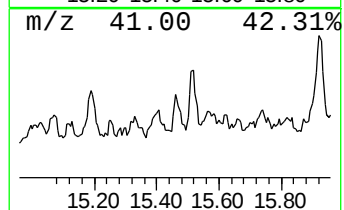
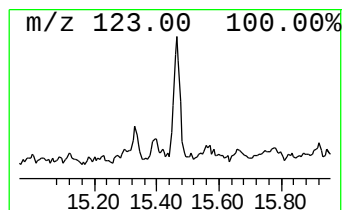
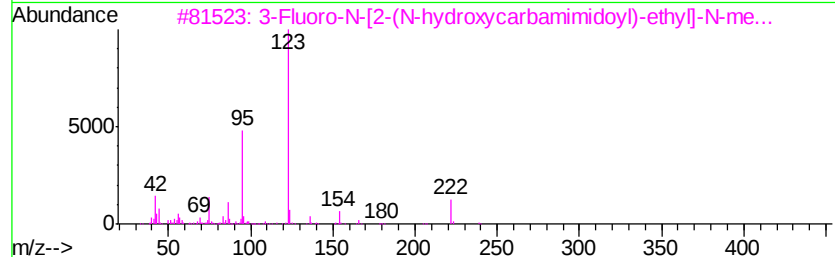
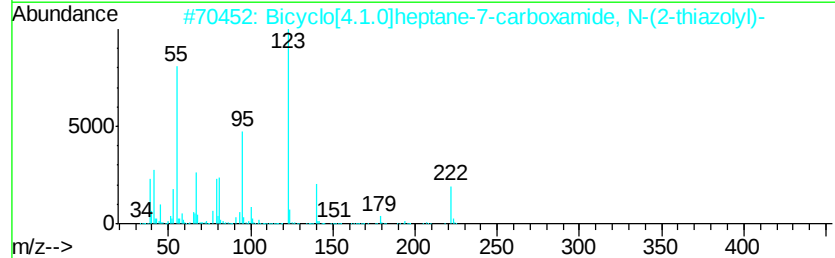
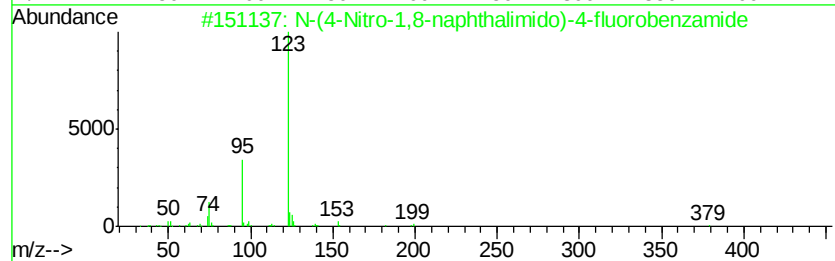
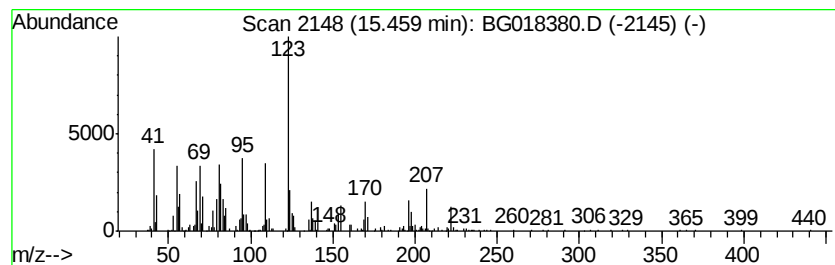
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 N-(4-Nitro-1,8-naphthalimid... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	4.99 ng/ul	487767	Acenaphthene-d10	14.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-(4-Nitro-1,8-naphthalimido)-4-...	379	C19H10FN3O5	300690-90-8	55
2			Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	43
3			3-Fluoro-N-[2-(N-hydroxycarbamim...	239	C11H14FN3O2	1000297-41-5	43
4			.alpha.-Chloro-para-fluoroacetop...	172	C8H6ClFO	000456-04-2	43
5			3-Fluorobenzoic acid, 3-tridecyl...	322	C20H31FO2	1000280-60-3	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

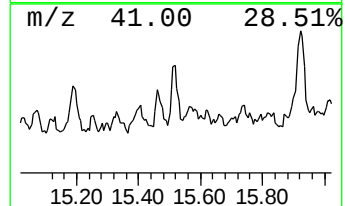
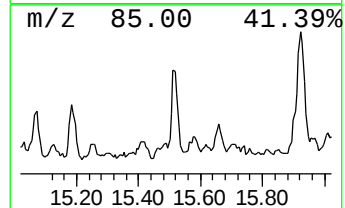
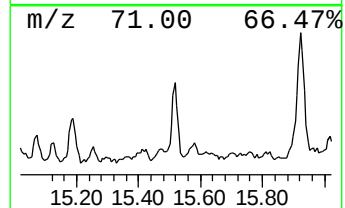
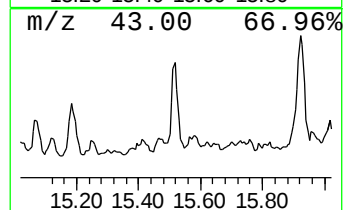
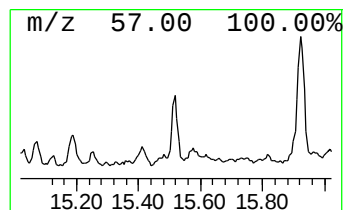
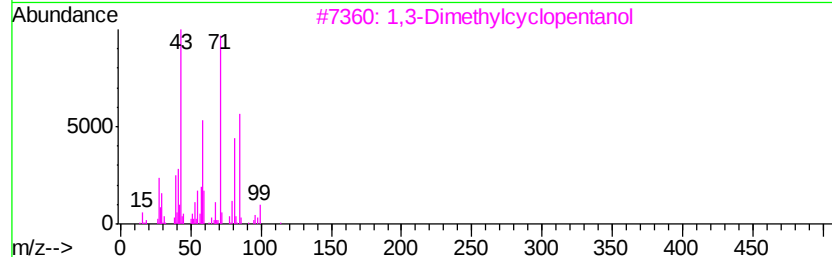
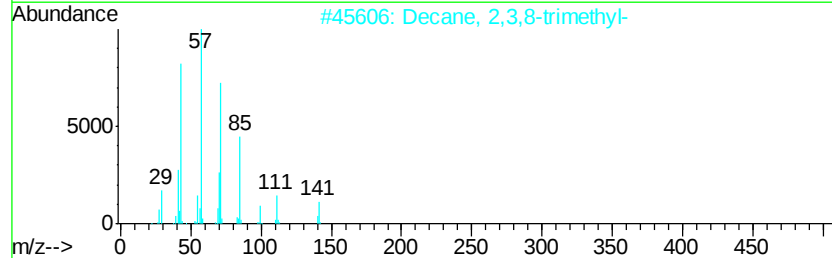
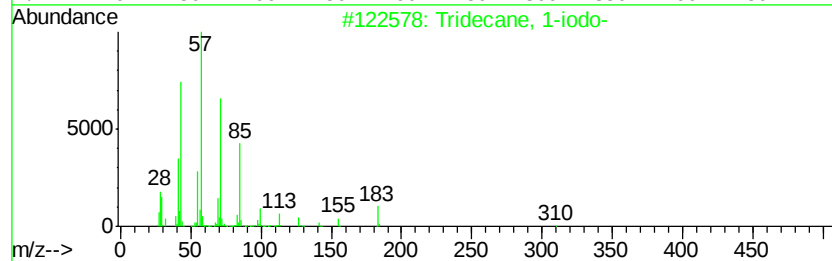
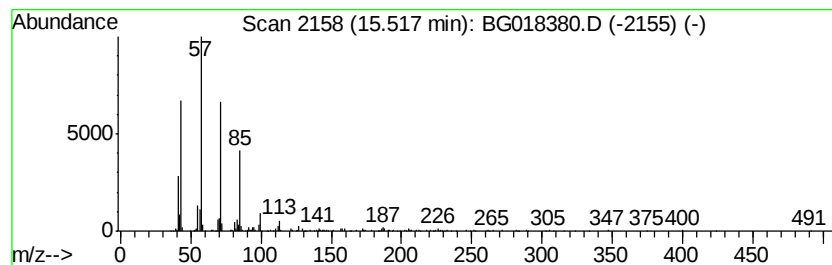
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 Tridecane, 1-iodo- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	3.43 ng/ul	334985	Acenaphthene-d10	14.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
2			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
3			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64
4			Decane, 1-iodo-	268	C10H21I	002050-77-3	59
5			Tetradecane, 5-methyl-	212	C15H32	025117-32-2	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

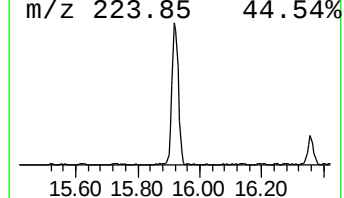
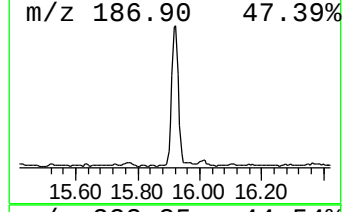
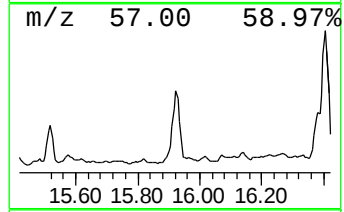
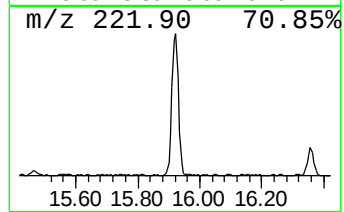
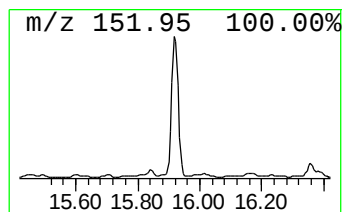
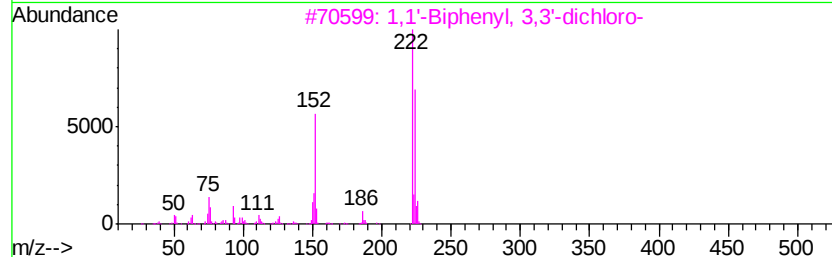
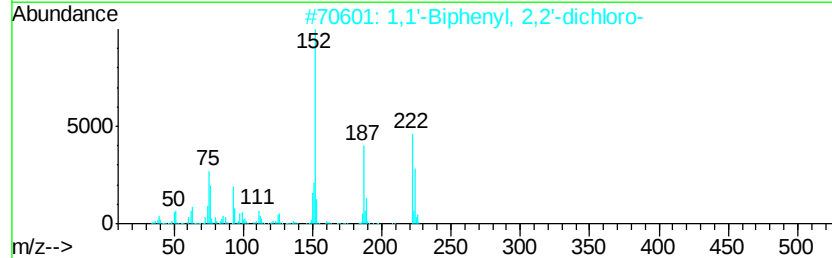
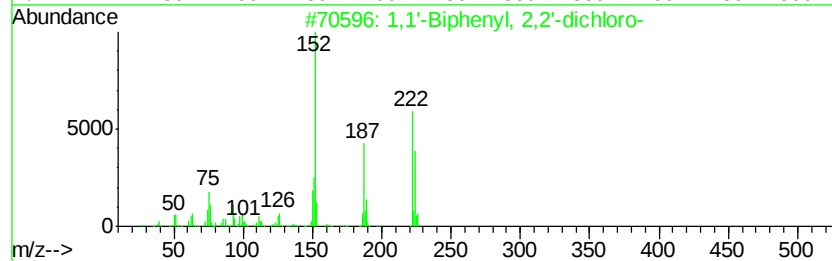
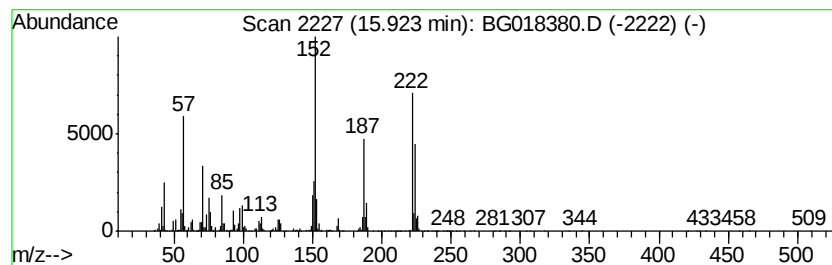
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	25.55 ng/ul	2496930	Acenaphthene-d10	14.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2		1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
3		1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	95
4		1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	95
5		1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

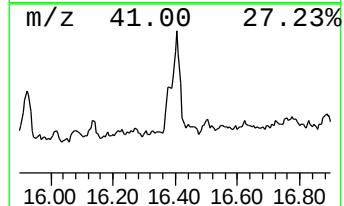
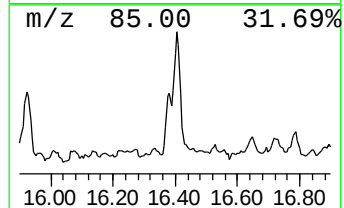
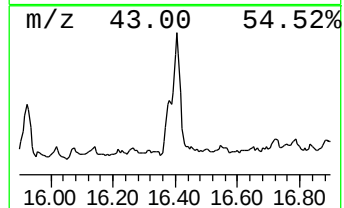
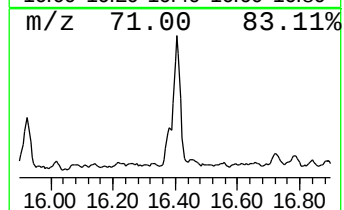
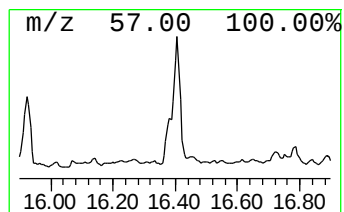
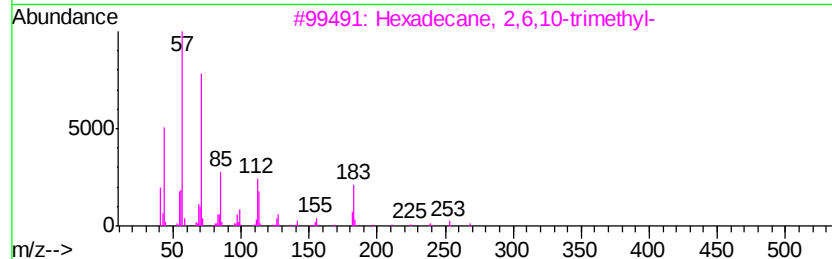
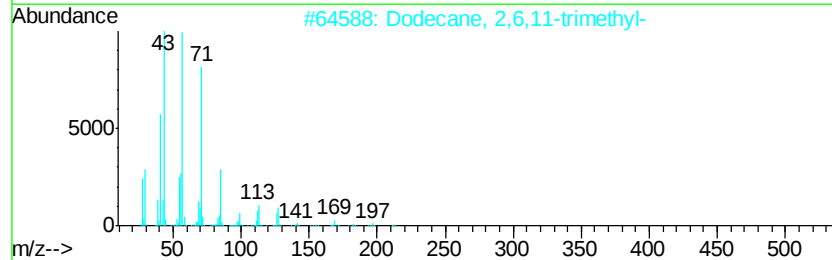
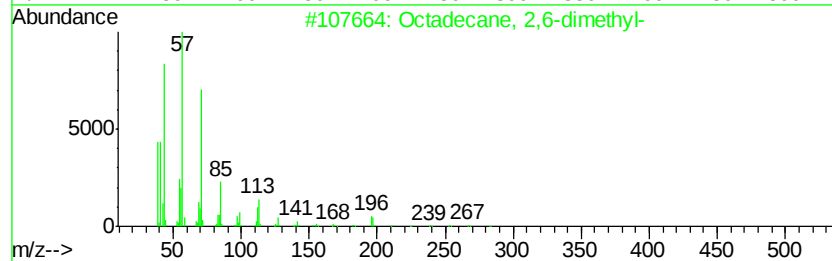
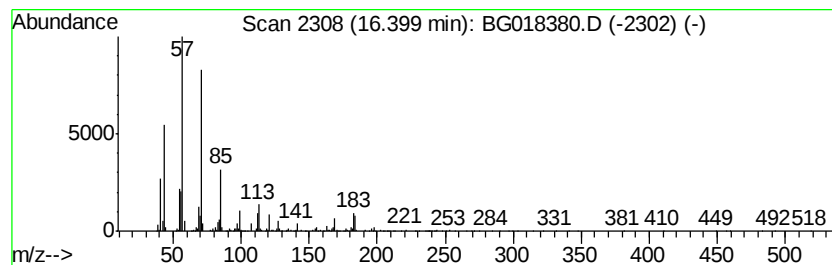
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	20.03 ng/ul	2171840	Phenanthrene-d10	17.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	86
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
5		Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

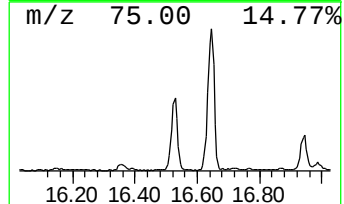
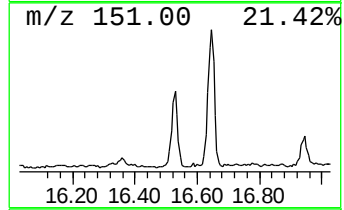
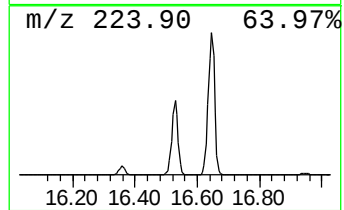
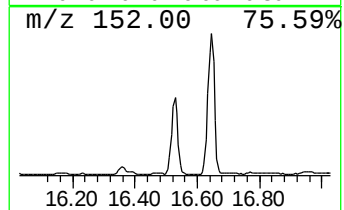
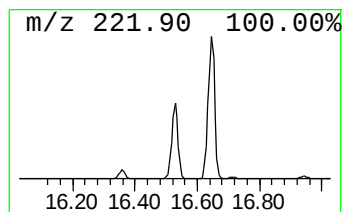
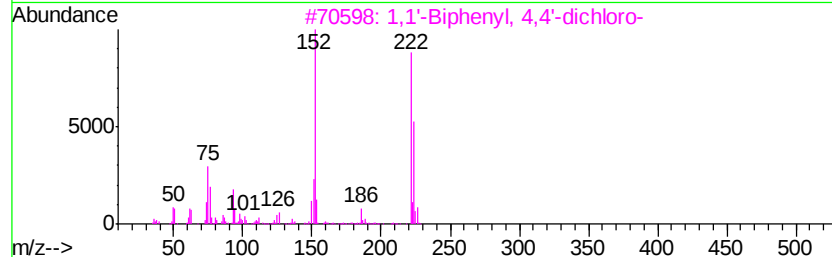
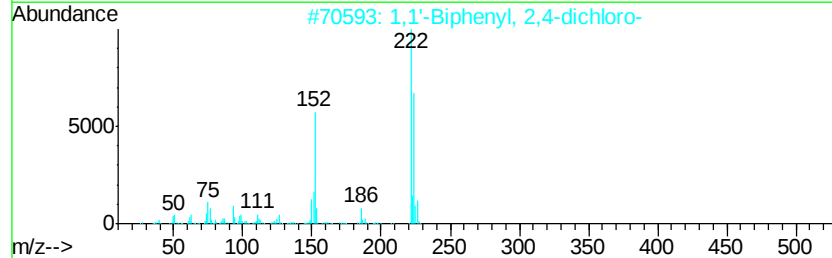
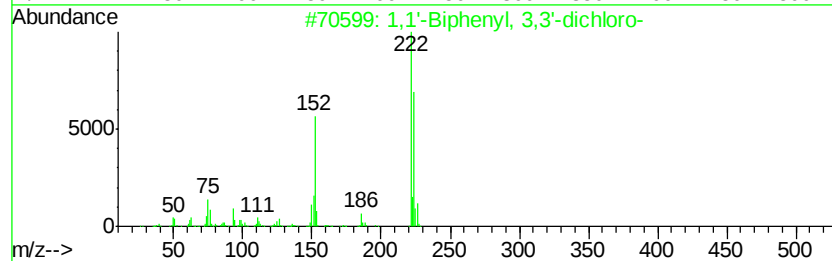
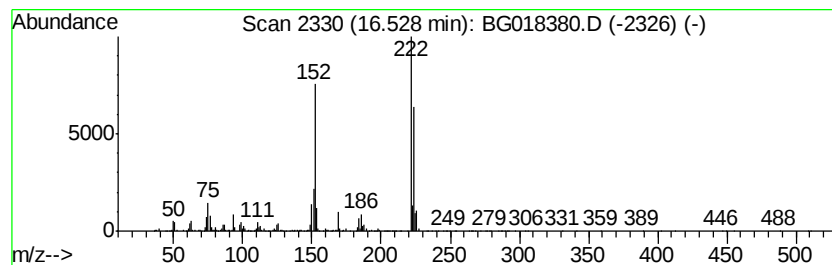
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 32 1,1'-Biphenyl, 3,3'-dichloro- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	18.95 ng/ul	2054280	Phenanthrene-d10	17.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
2		1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
3		1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	95
4		1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	95
5		1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

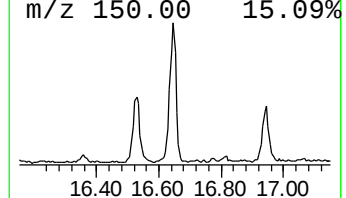
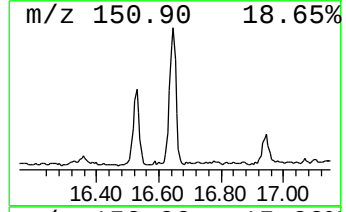
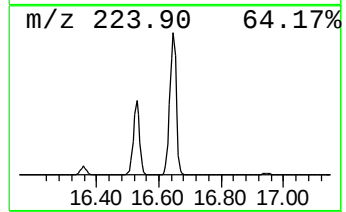
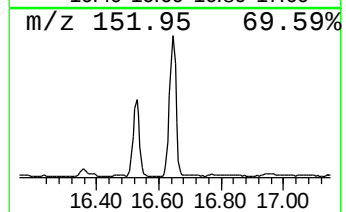
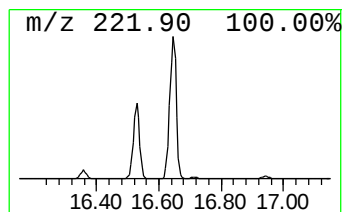
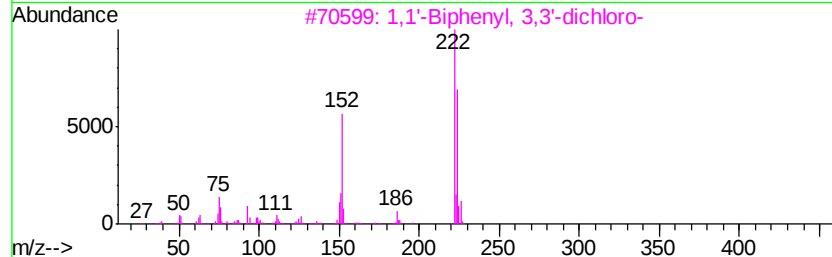
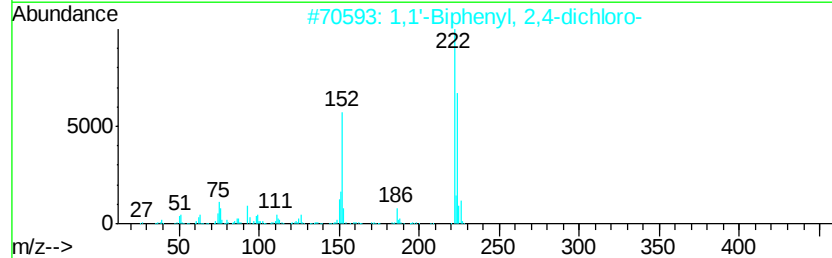
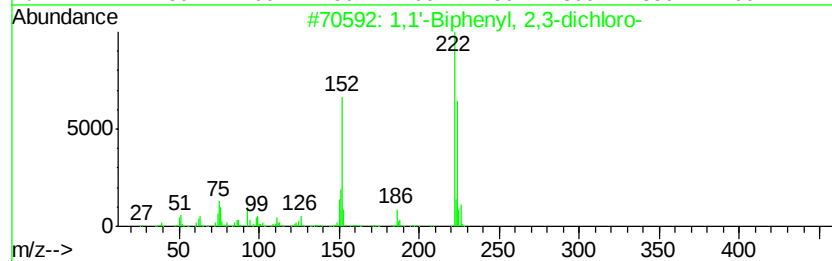
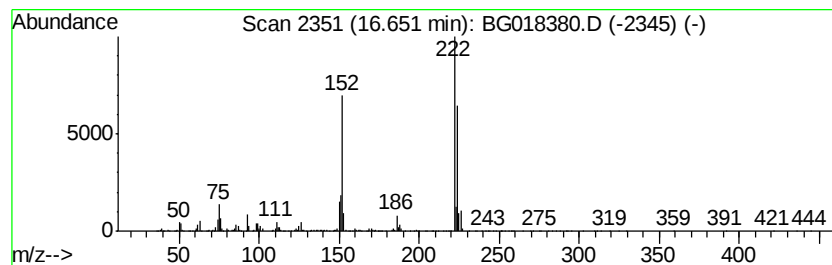
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 33 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	33.24 ng/ul	3603770	Phenanthrene-d10	17.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
2		1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
3		1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
4		1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	97
5		1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	97



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

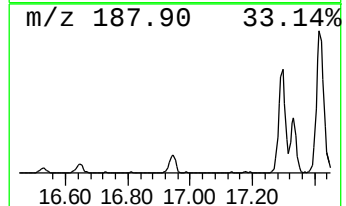
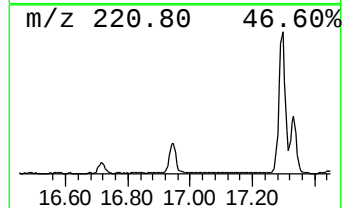
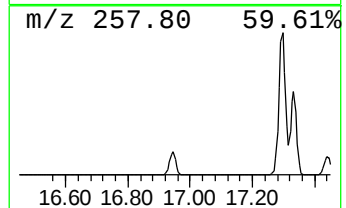
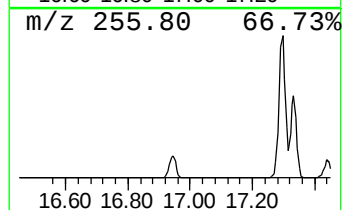
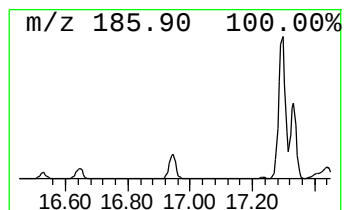
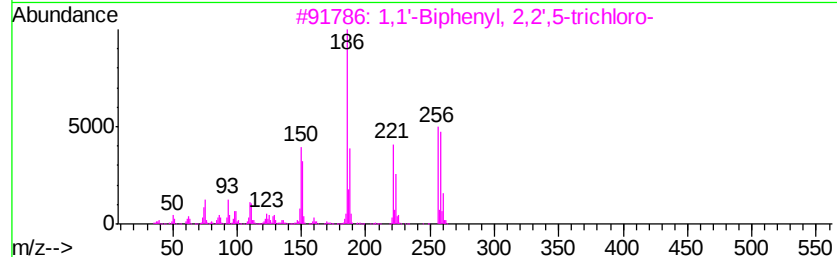
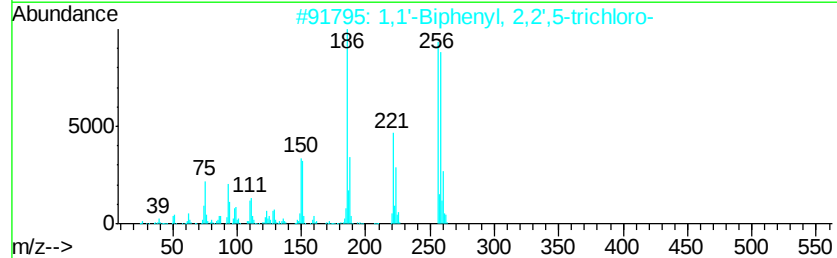
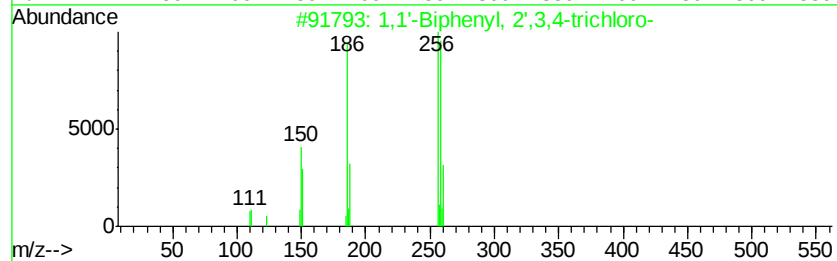
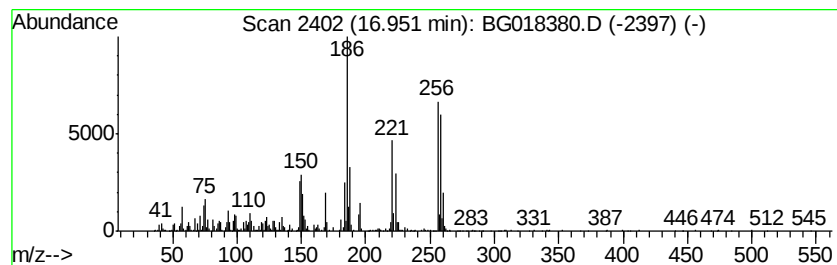
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 34 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	9.80 ng/ul	1061900	Phenanthrene-d10	17.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	95
2			1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	95
3			1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	94
4			1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	93
5			1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	89



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

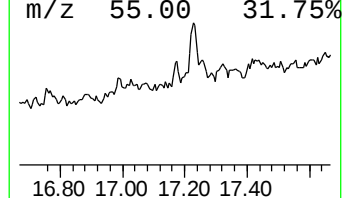
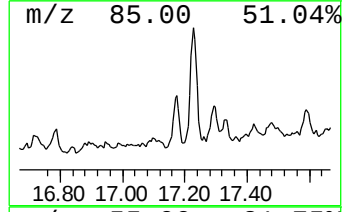
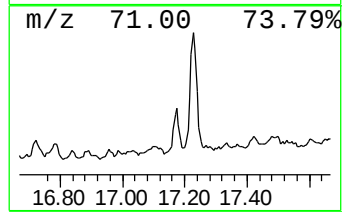
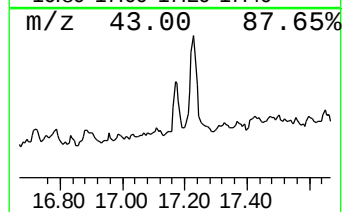
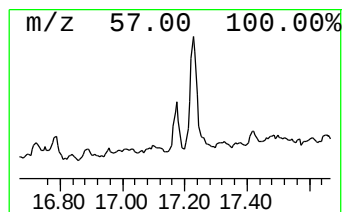
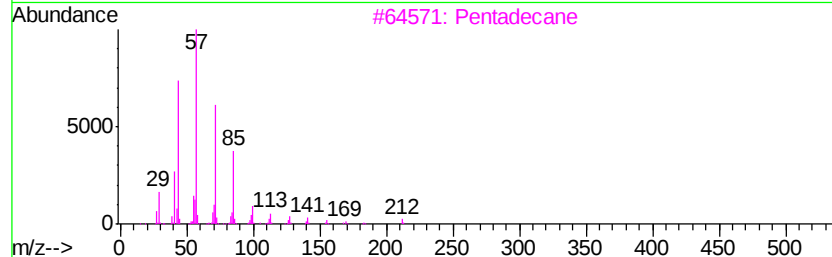
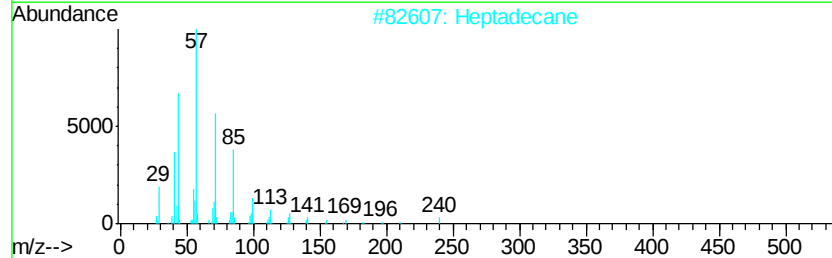
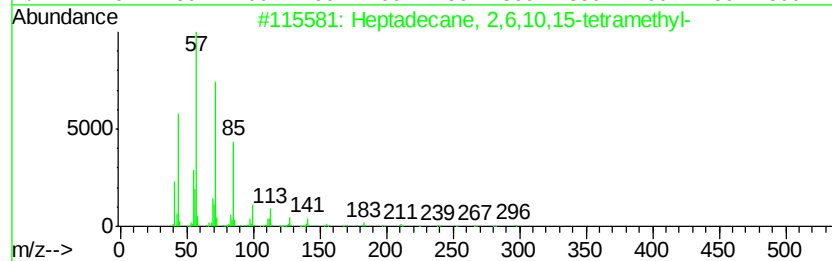
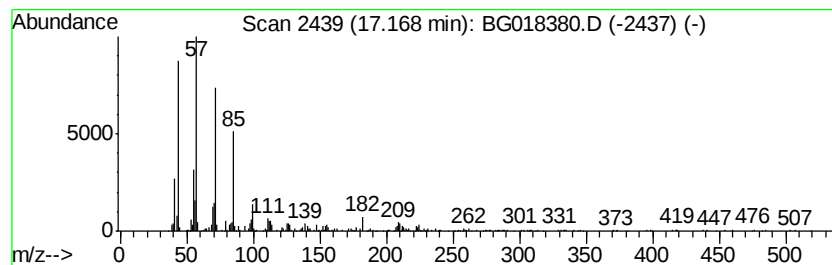
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	3.39 ng/ul	367903	Phenanthrene-d10	17.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
2		Heptadecane	240	C17H36	000629-78-7	80
3		Pentadecane	212	C15H32	000629-62-9	80
4		Nonadecane	268	C19H40	000629-92-5	80
5		Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018380.D
Acq On : 11 Aug 2015 14:13
Operator : UM/MA
Sample : G3109-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P9

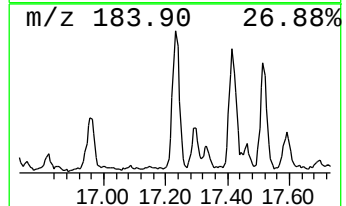
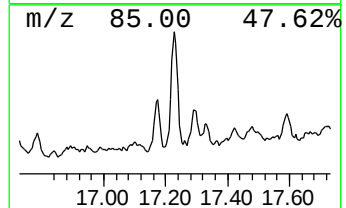
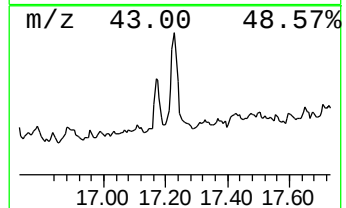
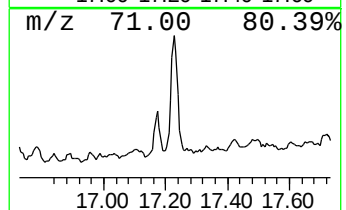
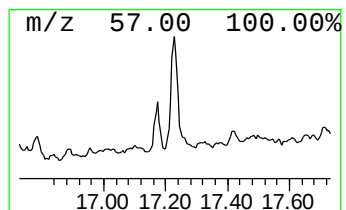
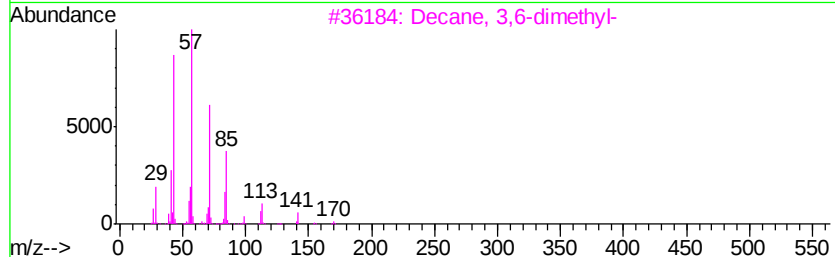
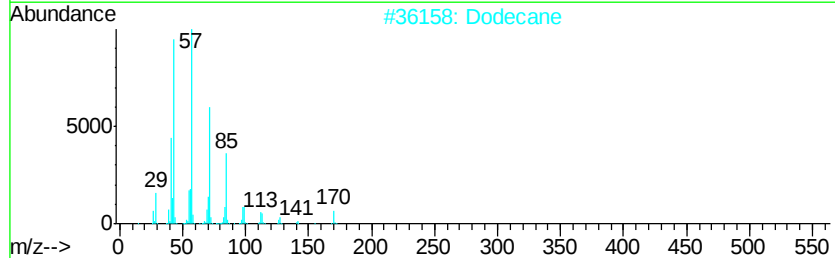
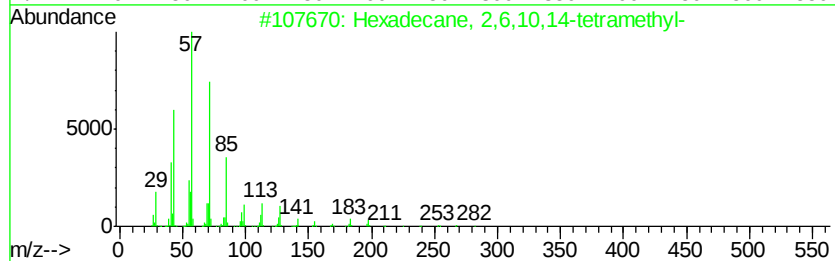
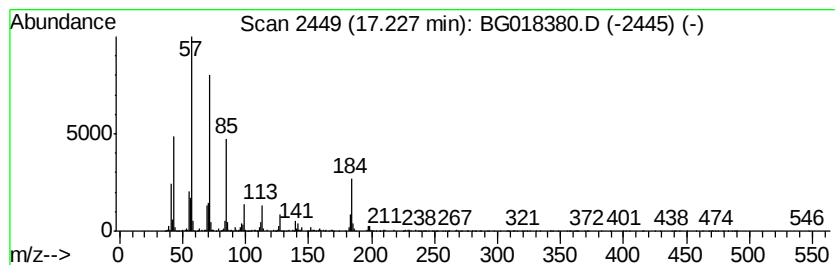
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	11.31 ng/ul	1226120	Phenanthrene-d10	17.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2		Dodecane	170	C12H26	000112-40-3	74
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	74
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
 Data File : BG018380.D
 Acq On : 11 Aug 2015 14:13
 Operator : UM/MA
 Sample : G3109-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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
(DEL) Alkane: Str...	7.03	11.0	ng/ul	378657	1	8.04	685748	20.0
Benzene, 1-ethyl-...	7.13	11.3	ng/ul	386621	1	8.04	685748	20.0
Benzene, 1,2,3-tr...	7.27	8.9	ng/ul	306805	1	8.04	685748	20.0
Benzene, 1,2,3,4-...	8.68	7.9	ng/ul	272322	1	8.04	685748	20.0
Benzene, 1-methyl...	9.15	10.2	ng/ul	349591	1	8.04	685748	20.0
(DEL) Alkane: Str...	9.27	12.9	ng/ul	443924	1	8.04	685748	20.0
Benzene, 1-methyl...	10.26	5.7	ng/ul	396763	2	10.85	1383910	20.0
Benzene, 1,3,5-tr...	10.71	10.9	ng/ul	755533	2	10.85	1383910	20.0
Rhodanine	11.26	3.8	ng/ul	260260	2	10.85	1383910	20.0
unknown-01	11.41	3.5	ng/ul	244535	2	10.85	1383910	20.0
(DEL) Alkane: Str...	11.87	5.5	ng/ul	381354	2	10.85	1383910	20.0
(DEL) Alkane: Str...	12.26	4.1	ng/ul	281118	2	10.85	1383910	20.0
(DEL) Alkane: Str...	13.21	4.6	ng/ul	453033	3	14.67	1954190	20.0
Naphthalene, 2,6-...	13.84	3.6	ng/ul	351131	3	14.67	1954190	20.0
Naphthalene, 1,2-...	13.99	6.0	ng/ul	590861	3	14.67	1954190	20.0
unknown-02	14.20	3.1	ng/ul	300887	3	14.67	1954190	20.0
unknown-03	14.51	5.8	ng/ul	566104	3	14.67	1954190	20.0
(DEL) Alkane: Str...	14.57	7.3	ng/ul	718506	3	14.67	1954190	20.0
unknown-04	15.19	4.4	ng/ul	427526	3	14.67	1954190	20.0
Naphthalene, 2,3,...	15.29	3.1	ng/ul	298696	3	14.67	1954190	20.0
Naphthalene, 1,6,...	15.34	3.2	ng/ul	312338	3	14.67	1954190	20.0
N-(4-Nitro-1,8-na...	15.46	5.0	ng/ul	487767	3	14.67	1954190	20.0
Tridecane, 1-iodo-	15.52	3.4	ng/ul	334985	3	14.67	1954190	20.0
1,1'-Biphenyl, 2,...	15.92	25.6	ng/ul	2496930	3	14.67	1954190	20.0
(DEL) Alkane: Str...	16.40	20.0	ng/ul	2171840	4	17.42	2168170	20.0
1,1'-Biphenyl, 3,...	16.53	18.9	ng/ul	2054280	4	17.42	2168170	20.0
1,1'-Biphenyl, 2,...	16.65	33.2	ng/ul	3603770	4	17.42	2168170	20.0
1,1'-Biphenyl, 2'...	16.95	9.8	ng/ul	1061900	4	17.42	2168170	20.0
(DEL) Alkane: Str...	17.17	3.4	ng/ul	367903	4	17.42	2168170	20.0
(DEL) Alkane: Str...	17.23	11.3	ng/ul	1226120	4	17.42	2168170	20.0