

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
 Data File : BG028318.D
 Acq On : 14 Aug 2017 18:45
 Operator : SJ/JU
 Sample : I4521-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC8B7DL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	4.575	160	168	173	rVB3	8678	15479	0.71%	0.151%
2	5.879	385	390	398	rVB2	4360	10050	0.46%	0.098%
3	6.002	405	411	421	rBV3	11480	28272	1.29%	0.276%
4	6.185	437	442	448	rBV4	3817	7075	0.32%	0.069%
5	6.378	465	475	480	rBV5	4195	10537	0.48%	0.103%
6	7.442	649	656	660	rBV2	7984	13271	0.60%	0.130%
7	7.518	660	669	683	rVB5	12237	33374	1.52%	0.326%
8	7.677	688	696	704	rBV2	9223	16347	0.75%	0.160%
9	7.900	727	734	740	rBV4	9326	19876	0.91%	0.194%
10	8.006	746	752	757	rVV2	8380	13398	0.61%	0.131%
11	8.358	802	812	825	rVB	172061	315885	14.40%	3.087%
12	8.488	825	834	839	rBV5	3369	7553	0.34%	0.074%
13	8.911	900	906	913	rVB4	3010	6237	0.28%	0.061%
14	8.993	913	920	926	rBV4	4589	9453	0.43%	0.092%
15	9.058	926	931	940	rVV3	10360	22274	1.02%	0.218%
16	9.534	1006	1012	1025	rVB6	11029	33260	1.52%	0.325%
17	10.256	1124	1135	1144	rBV6	9930	21716	0.99%	0.212%
18	10.809	1223	1229	1235	rBV2	12688	26421	1.20%	0.258%
19	11.114	1270	1281	1285	rBV4	7008	17081	0.78%	0.167%
20	11.179	1285	1292	1308	rVV	265068	533371	24.32%	5.213%
21	11.320	1308	1316	1324	rVV7	5328	17160	0.78%	0.168%
22	12.142	1449	1456	1464	rBV5	2633	7580	0.35%	0.074%
23	12.542	1517	1524	1528	rBV2	9586	15410	0.70%	0.151%
24	12.806	1564	1569	1578	rBV	16607	29322	1.34%	0.287%
25	13.024	1595	1606	1614	rVB5	6671	16950	0.77%	0.166%
26	13.417	1666	1673	1679	rBV4	2448	7630	0.35%	0.075%
27	13.758	1724	1731	1734	rBV2	12163	17644	0.80%	0.172%
28	13.799	1734	1738	1746	rVV4	7404	13958	0.64%	0.136%
29	14.005	1762	1773	1784	rBV5	4854	14366	0.65%	0.140%
30	14.128	1784	1794	1805	rBV9	10970	32706	1.49%	0.320%
31	14.287	1814	1821	1825	rBV5	7792	15845	0.72%	0.155%
32	14.351	1825	1832	1837	rVV	38369	65128	2.97%	0.637%
33	14.398	1837	1840	1847	rVB2	14519	22599	1.03%	0.221%
34	14.528	1854	1862	1865	rBV5	4488	7086	0.32%	0.069%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
 Data File : BG028318.D
 Acq On : 14 Aug 2017 18:45
 Operator : SJ/JU
 Sample : I4521-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC8B7DL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Title : SVOA CALIBRATION

35	14.592	1866	1873	1875	rBV5	4032	6500	0.30%	0.064%
36	14.663	1879	1885	1895	rVB	36913	58939	2.69%	0.576%
37	14.822	1904	1912	1917	rVB3	12736	19782	0.90%	0.193%
38	14.963	1927	1936	1945	rVV2	446861	797429	36.35%	7.794%
39	15.033	1945	1948	1958	rVB7	5441	11497	0.52%	0.112%
40	15.162	1963	1970	1972	rBV3	4855	6627	0.30%	0.065%
41	15.356	1997	2003	2010	rVB7	7122	14379	0.66%	0.141%
42	15.433	2010	2016	2023	rBV5	5907	9932	0.45%	0.097%
43	15.568	2030	2039	2043	rBV6	2834	7093	0.32%	0.069%
44	15.626	2043	2049	2054	rVB5	4051	8183	0.37%	0.080%
45	15.767	2060	2073	2078	rBV7	13553	28974	1.32%	0.283%
46	15.832	2078	2084	2089	rVB4	2739	6718	0.31%	0.066%
47	15.955	2089	2105	2111	rBV	55344	103013	4.70%	1.007%
48	16.073	2120	2125	2131	rVB7	7006	14119	0.64%	0.138%
49	16.214	2147	2149	2155	rVB5	3797	5939	0.27%	0.058%
50	16.290	2155	2162	2163	rBV4	3308	6438	0.29%	0.063%
51	16.461	2184	2191	2197	rBV7	3117	7158	0.33%	0.070%
52	16.625	2213	2219	2233	rBV7	12810	30661	1.40%	0.300%
53	16.901	2260	2266	2275	rVB10	4655	13894	0.63%	0.136%
54	16.984	2275	2280	2282	rBV5	3685	5789	0.26%	0.057%
55	17.095	2298	2299	2306	rVB5	3803	6078	0.28%	0.059%
56	17.148	2306	2308	2312	rBV4	5311	6101	0.28%	0.060%
57	17.219	2317	2320	2326	rVB5	3436	6374	0.29%	0.062%
58	17.436	2350	2357	2364	rVV3	126695	174535	7.96%	1.706%
59	17.542	2369	2375	2383	rVB2	45969	61967	2.82%	0.606%
60	17.630	2387	2390	2397	rBV7	6754	11368	0.52%	0.111%
61	17.712	2397	2404	2415	rBV	593662	980304	44.69%	9.581%
62	17.812	2415	2421	2431	rVB2	56777	93771	4.27%	0.917%
63	18.159	2475	2480	2485	rBV6	9515	15970	0.73%	0.156%
64	18.294	2501	2503	2507	rVV5	5343	6491	0.30%	0.063%
65	18.441	2522	2528	2533	rBV9	5473	9825	0.45%	0.096%
66	18.511	2537	2540	2543	rVB5	5063	5844	0.27%	0.057%
67	18.558	2543	2548	2556	rBV8	24952	64351	2.93%	0.629%
68	18.635	2557	2561	2567	rVB2	28598	47793	2.18%	0.467%
69	18.705	2570	2573	2579	rBV8	6138	11375	0.52%	0.111%
70	18.770	2579	2584	2587	rVV5	9035	11375	0.52%	0.111%
71	18.846	2594	2597	2600	rVB4	9846	11274	0.51%	0.110%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028318.D
Acq On : 14 Aug 2017 18:45
Operator : SJ/JU
Sample : I4521-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC8B7DL

Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : ON
Sampling : 1
Start Thrs: 0.1
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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	18.923	2605	2610	2612	rBV6	7463	12271	0.56%	0.120%
73	19.081	2629	2637	2641	rBV10	16515	33323	1.52%	0.326%
74	19.228	2659	2662	2663	rBV3	7007	7382	0.34%	0.072%
75	19.299	2670	2674	2681	rBV9	9850	20752	0.95%	0.203%
76	19.357	2681	2684	2689	rBV7	6751	13348	0.61%	0.130%
77	19.463	2699	2702	2710	rBV10	12866	30486	1.39%	0.298%
78	19.587	2720	2723	2725	rBV4	5578	8236	0.38%	0.080%
79	19.816	2758	2762	2769	rVB10	20472	41049	1.87%	0.401%
80	20.033	2796	2799	2802	rBV5	11004	13026	0.59%	0.127%
81	20.086	2803	2808	2819	rVV2	70849	134319	6.12%	1.313%
82	20.438	2866	2868	2873	rBV6	11454	17220	0.79%	0.168%
83	20.568	2887	2890	2895	rBV4	20179	24502	1.12%	0.239%
84	21.073	2973	2976	2983	rVB5	32446	44741	2.04%	0.437%
85	21.384	3025	3029	3041	rBV5	28578	77109	3.52%	0.754%
86	21.614	3064	3068	3079	rBV3	39363	91427	4.17%	0.894%
87	21.884	3107	3114	3123	rBV	1528569	2193557	100.00%	21.440%
88	22.048	3134	3142	3154	rBV	569852	1089401	49.66%	10.648%
89	22.201	3165	3168	3174	rVB5	41383	53030	2.42%	0.518%
90	22.853	3275	3279	3286	rVB3	45014	71500	3.26%	0.699%
91	22.965	3295	3298	3305	rVB9	28593	52824	2.41%	0.516%
92	23.594	3401	3405	3416	rVB6	42896	91249	4.16%	0.892%
93	24.475	3549	3555	3565	rVB3	50867	116817	5.33%	1.142%
94	25.115	3662	3664	3672	rVB9	16354	27715	1.26%	0.271%
95	25.315	3694	3698	3711	rVB7	35607	98074	4.47%	0.959%
96	25.562	3725	3740	3755	rVB2	298329	1106900	50.46%	10.819%
97	26.743	3932	3941	3949	rVB5	52465	157591	7.18%	1.540%
98	28.223	4184	4193	4204	rVB7	46429	188937	8.61%	1.847%
99	30.004	4487	4496	4513	rVB4	34218	153026	6.98%	1.496%
100	32.154	4853	4862	4882	rVB10	25420	129369	5.90%	1.264%

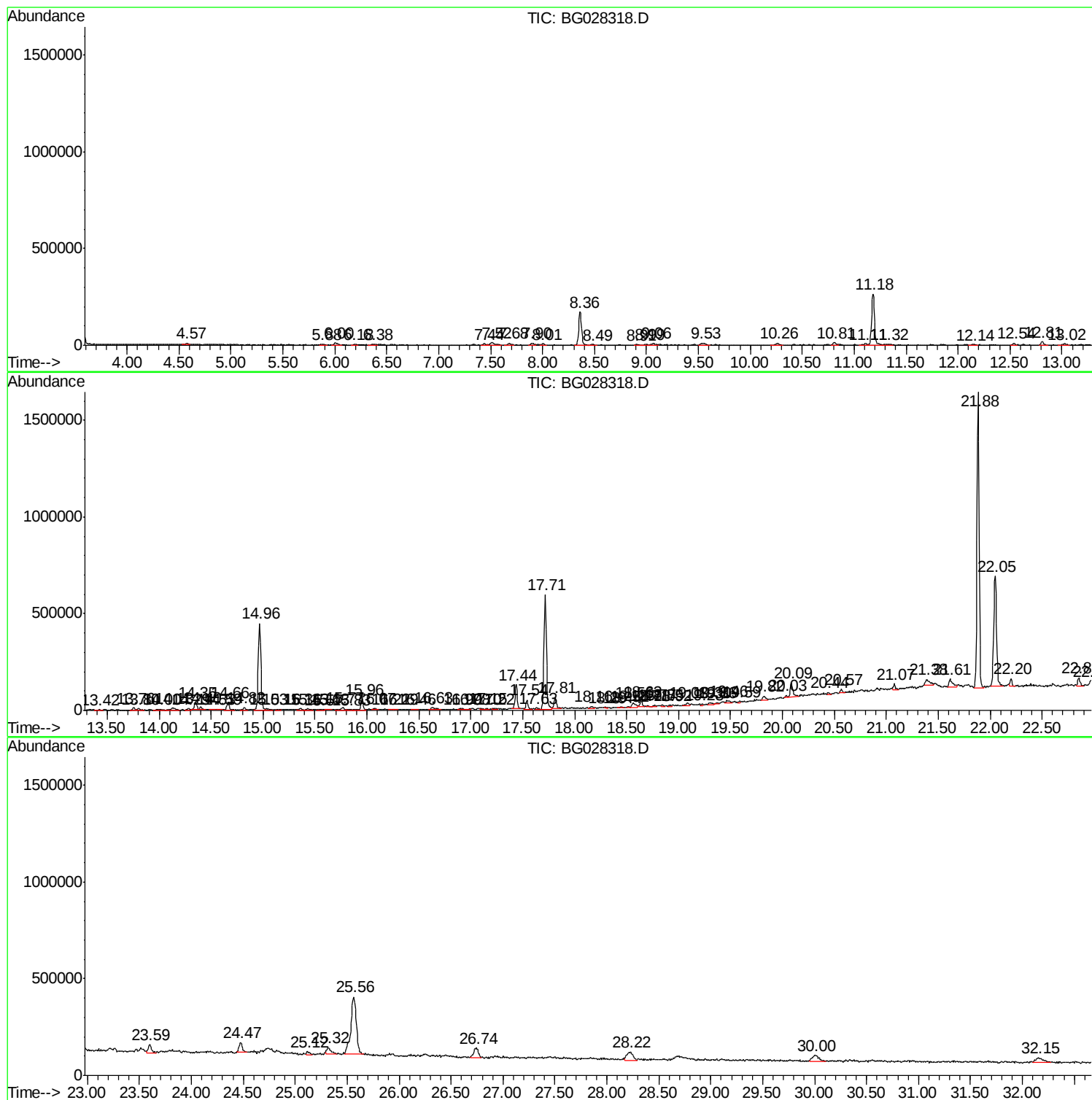
Sum of corrected areas: 10231355

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028318.D
Acq On : 14 Aug 2017 18:45
Operator : SJ/JU
Sample : I4521-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC8B7DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028318.D
Acq On : 14 Aug 2017 18:45
Operator : SJ/JU
Sample : I4521-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

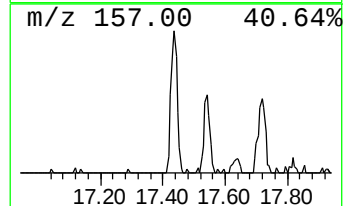
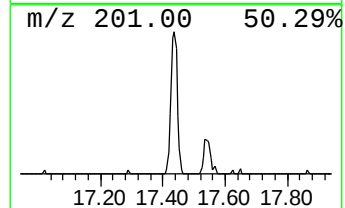
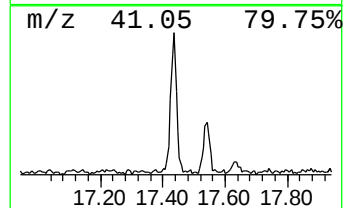
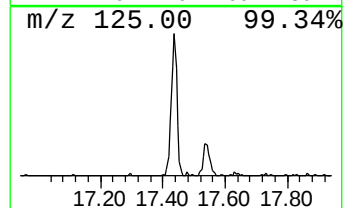
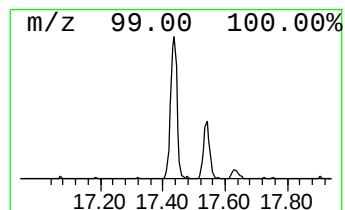
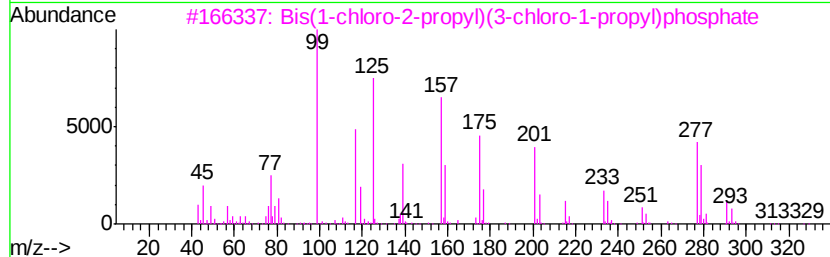
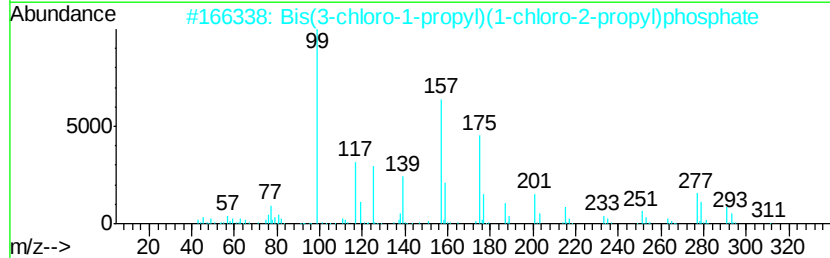
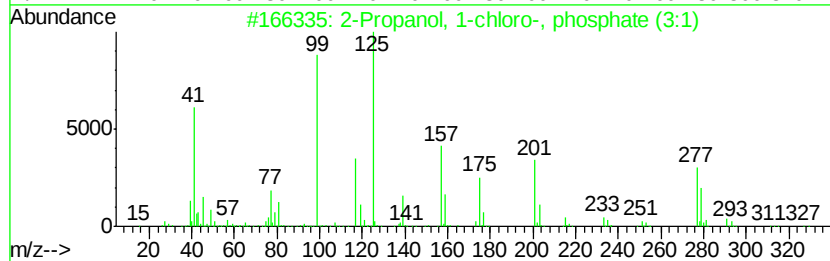
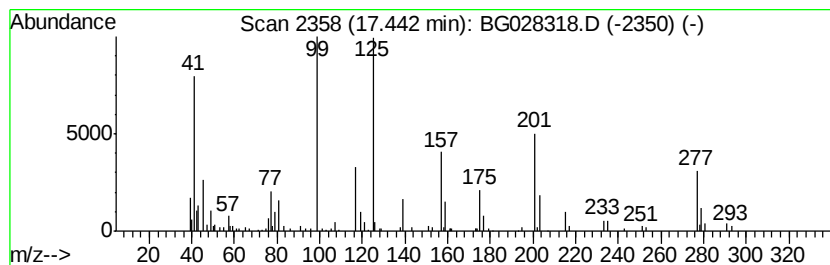
Instrument :
BNA_G
ClientSampleId :
BC8B7DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Propanol, 1-chloro-, phos... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.44	3.56 ng/ul	174535	Phenanthrene-d10	17.71		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	87	
2	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	37	
3	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	32	
4	Sarin	140	C4H10FO2P	000107-44-8	14	
5	Benzoic acid, 4-[[2-(1-piperazin...	277	C14H19N3O3	1000350-32-6	14	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028318.D
Acq On : 14 Aug 2017 18:45
Operator : SJ/JU
Sample : I4521-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC8B7DL

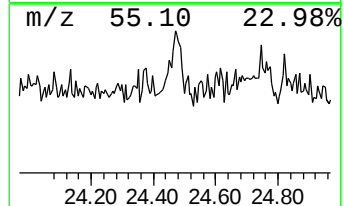
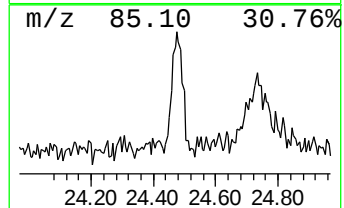
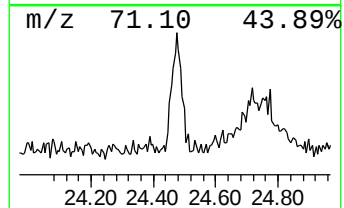
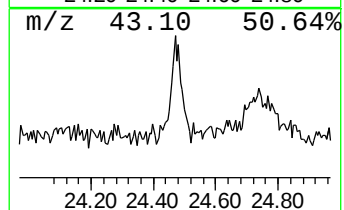
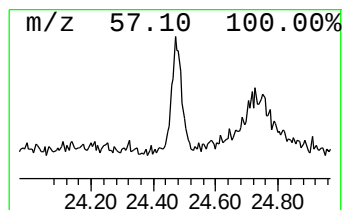
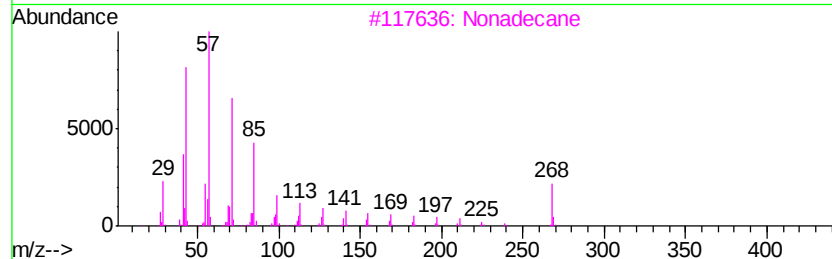
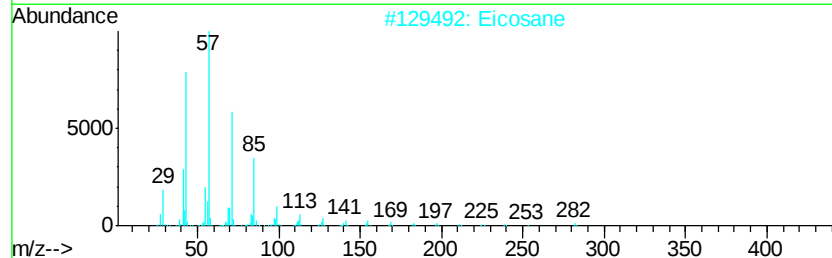
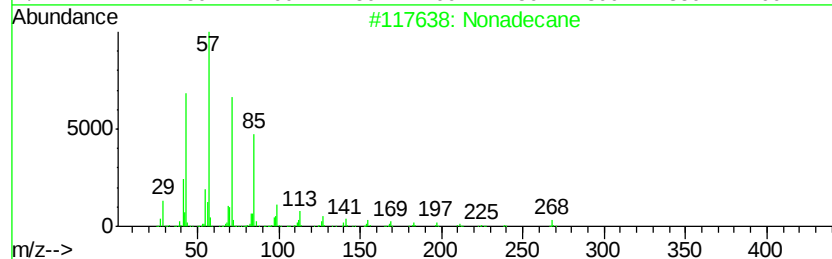
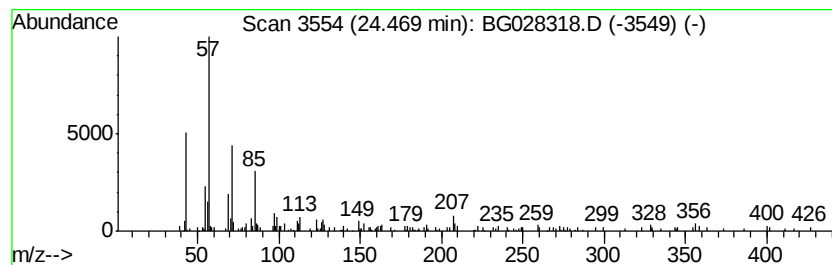
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.47	2.11 ng/ul	116817	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Eicosane	282	C20H42	000112-95-8	87
3		Nonadecane	268	C19H40	000629-92-5	87
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
5		Nonadecane	268	C19H40	000629-92-5	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028318.D
Acq On : 14 Aug 2017 18:45
Operator : SJ/JU
Sample : I4521-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC8B7DL

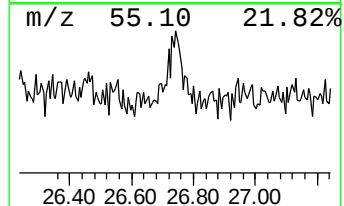
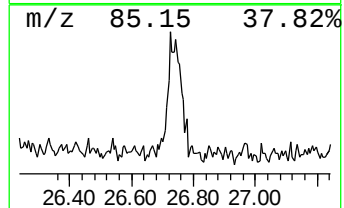
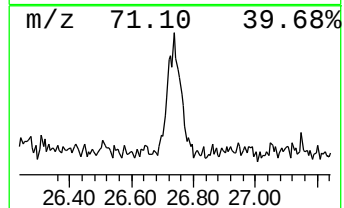
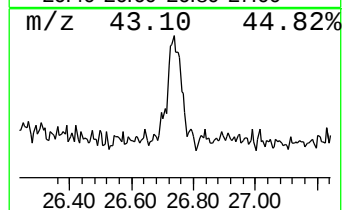
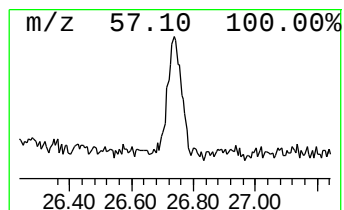
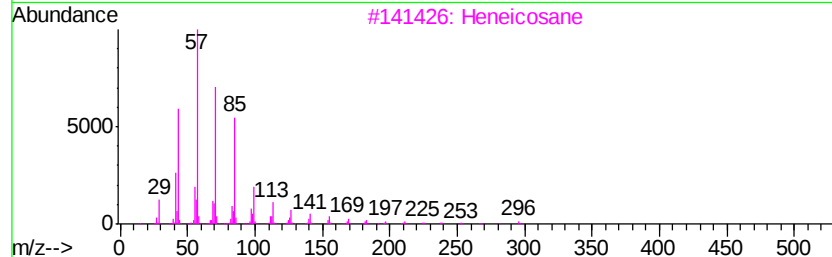
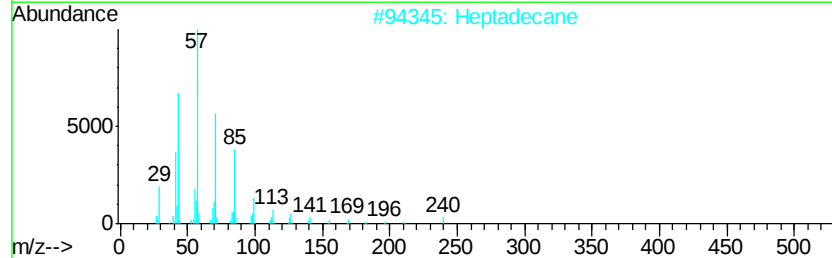
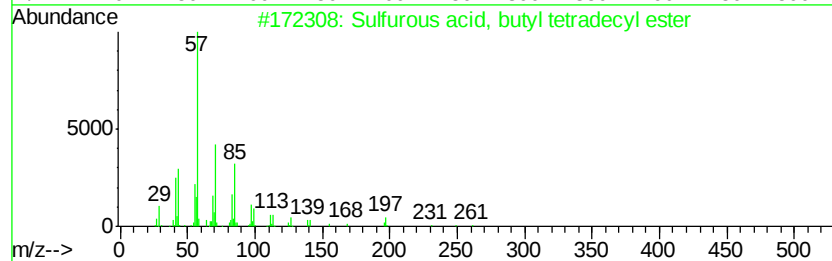
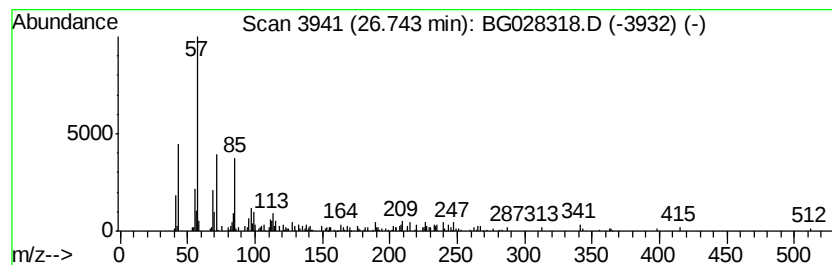
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Sulfurous acid, butyl tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.74	2.85 ng/ul	157591	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	72
2		Heptadecane	240	C17H36	000629-78-7	72
3		Heneicosane	296	C21H44	000629-94-7	59
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	59
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028318.D
Acq On : 14 Aug 2017 18:45
Operator : SJ/JU
Sample : I4521-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC8B7DL

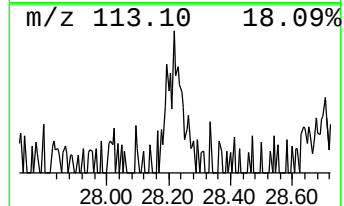
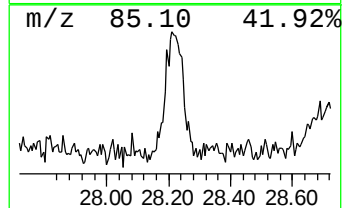
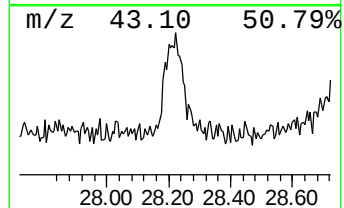
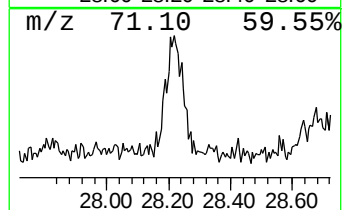
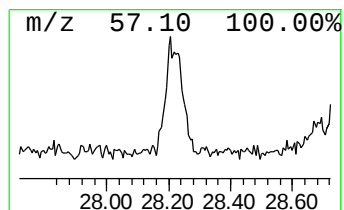
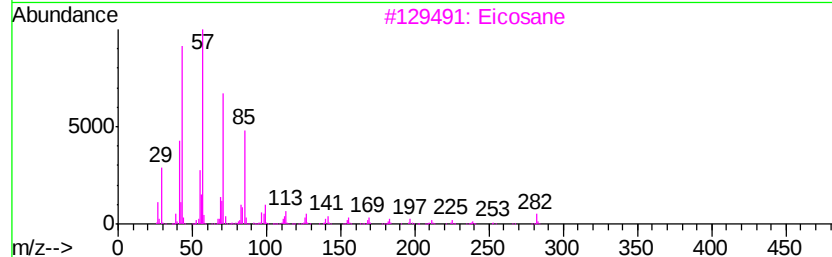
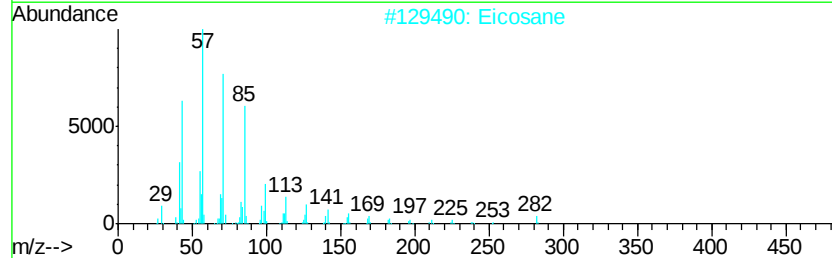
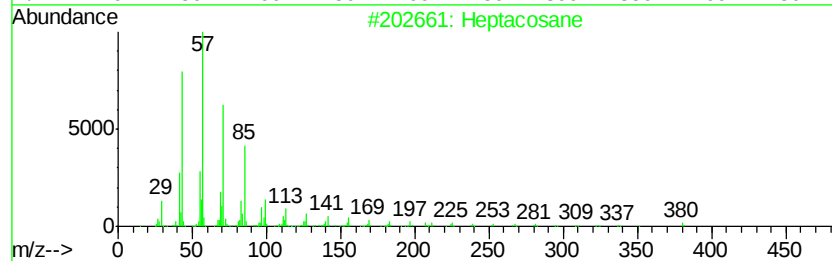
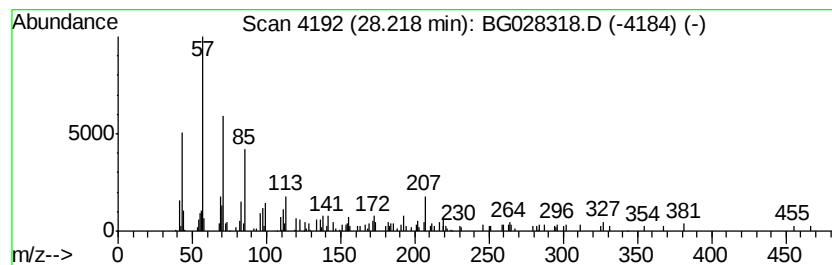
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.22	3.41 ng/ul	188937	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	92
2		Eicosane	282	C20H42	000112-95-8	86
3		Eicosane	282	C20H42	000112-95-8	70
4		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	70
5		Tetradecane	198	C14H30	000629-59-4	70



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028318.D
Acq On : 14 Aug 2017 18:45
Operator : SJ/JU
Sample : I4521-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC8B7DL

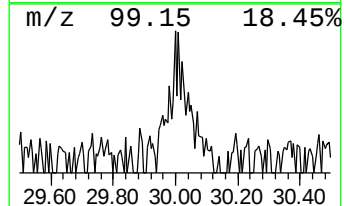
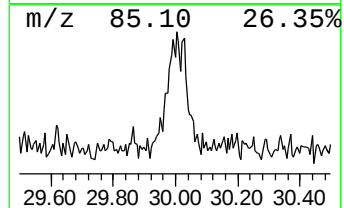
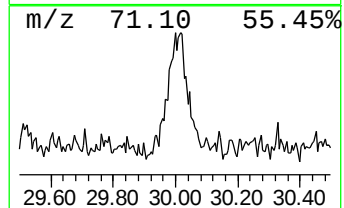
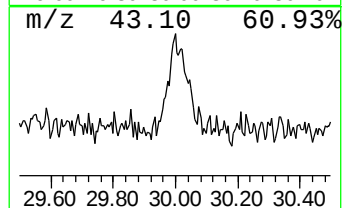
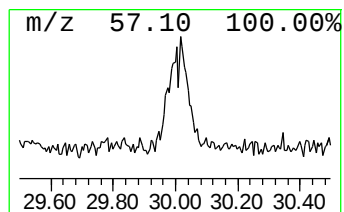
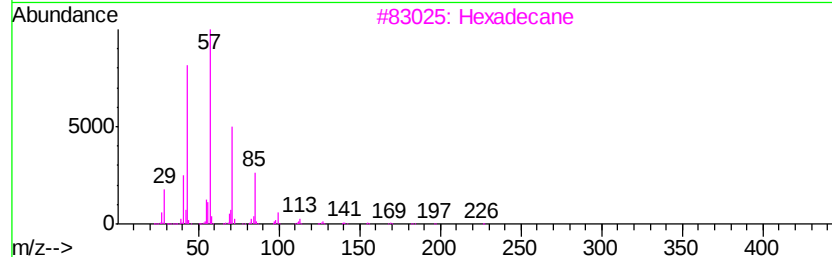
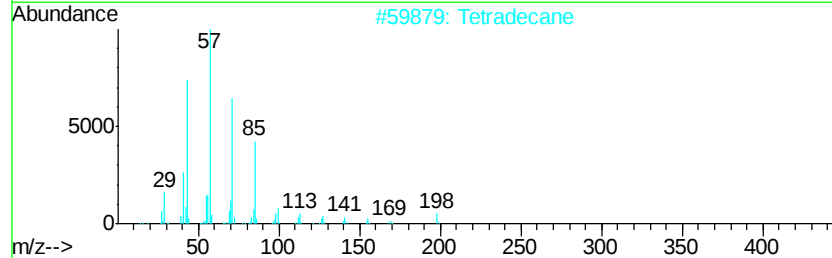
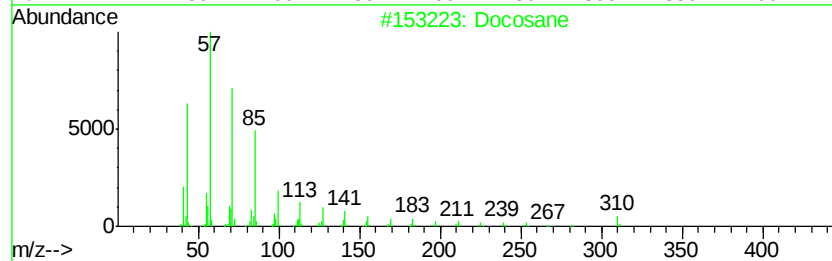
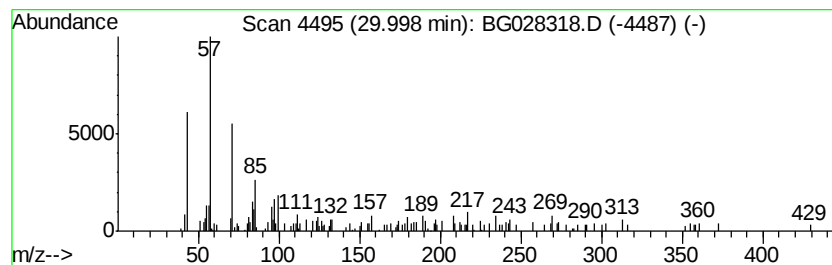
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.00	2.76 ng/ul	153026	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	42
2		Tetradecane	198	C14H30	000629-59-4	38
3		Hexadecane	226	C16H34	000544-76-3	38
4		Tetradecane	198	C14H30	000629-59-4	25
5		Tetradecane	198	C14H30	000629-59-4	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028318.D
Acq On : 14 Aug 2017 18:45
Operator : SJ/JU
Sample : I4521-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC8B7DL

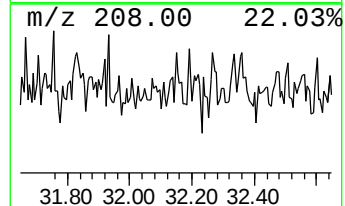
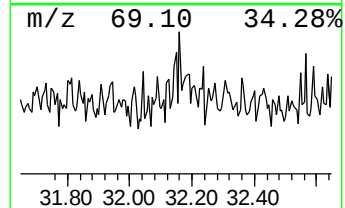
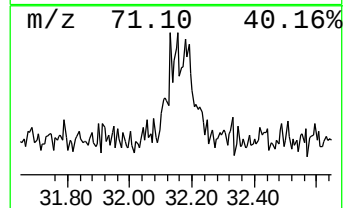
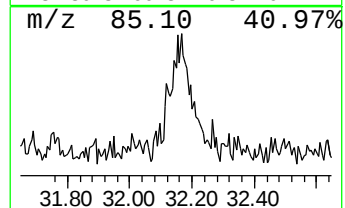
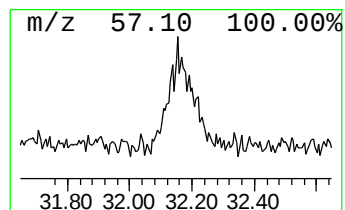
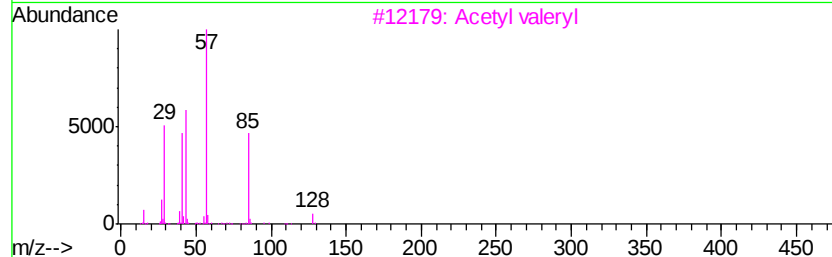
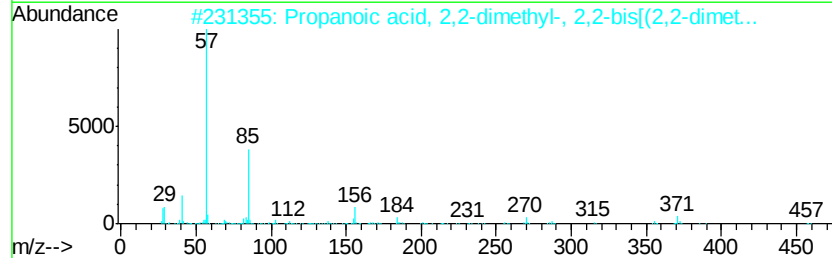
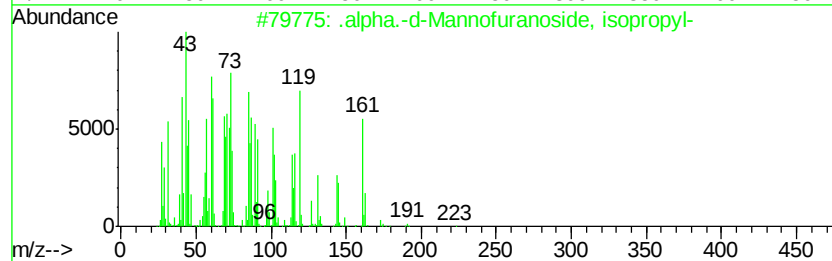
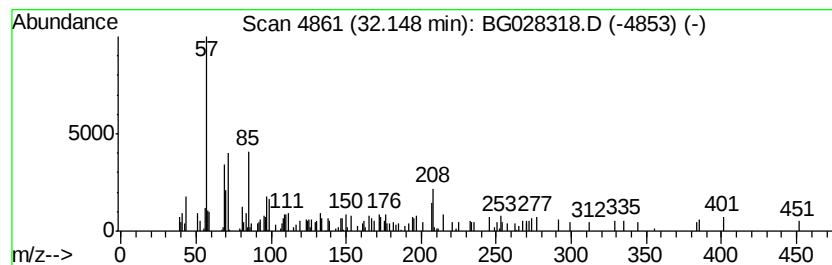
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.15	2.34 ng/ul	129369	Perylene-d12	25.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-d-Mannofuranoside, isopr...	222	C9H18O6	1000150-20-2	35
2		Propanoic acid, 2,2-dimethyl-, 2...	472	C25H44O8	005178-17-6	35
3		Acetyl valeryl	128	C7H12O2	000096-04-8	35
4		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	35
5		Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028318.D
Acq On : 14 Aug 2017 18:45
Operator : SJ/JU
Sample : I4521-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC8B7DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Propanol, 1-chl...	17.44	3.6	ng/ul	174535	4	17.71	980304	20.0
(DEL) Alkane: Str...	24.47	2.1	ng/ul	116817	6	25.56	1106900	20.0
Sulfurous acid, b...	26.74	2.9	ng/ul	157591	6	25.56	1106900	20.0
(DEL) Alkane: Str...	28.22	3.4	ng/ul	188937	6	25.56	1106900	20.0
(DEL) Alkane: Str...	30.00	2.8	ng/ul	153026	6	25.56	1106900	20.0
unknown-01	32.15	2.3	ng/ul	129369	6	25.56	1106900	20.0