

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
 Data File : BG018828.D
 Acq On : 22 Sep 2015 22:29
 Operator : UM/NP
 Sample : G3758-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHAB8

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-BG091015.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.103	41	45	53	rBV2	35536	64419	4.49%	0.420%
2	3.179	53	58	70	rVB	481792	693336	48.36%	4.518%
3	3.437	99	102	108	rVB3	9429	12336	0.86%	0.080%
4	3.714	146	149	155	rVB4	4635	7691	0.54%	0.050%
5	4.002	194	198	204	rVB6	3185	5147	0.36%	0.034%
6	5.700	485	487	490	rVB2	2354	2377	0.17%	0.015%
7	7.163	729	736	748	rBV	159880	269918	18.83%	1.759%
8	7.321	757	763	770	rBV	151742	240315	16.76%	1.566%
9	7.533	793	799	809	rVB	163835	278772	19.45%	1.817%
10	7.997	872	878	885	rBV	157604	258211	18.01%	1.683%
11	8.702	990	998	1009	rBV	217310	363413	25.35%	2.368%
12	9.154	1068	1075	1084	rVB	153749	267973	18.69%	1.746%
13	9.877	1191	1198	1206	rBV	121855	222072	15.49%	1.447%
14	10.423	1284	1291	1301	rBV	206189	376911	26.29%	2.456%
15	10.564	1311	1315	1321	rVB3	2764	5725	0.40%	0.037%
16	10.799	1348	1355	1363	rVB	231919	396516	27.66%	2.584%
17	10.935	1370	1378	1390	rBV	196295	375515	26.19%	2.447%
18	11.328	1442	1445	1449	rBV	1108	2087	0.15%	0.014%
19	12.985	1720	1727	1731	rBV4	5186	9008	0.63%	0.059%
20	13.232	1764	1769	1774	rBV3	7969	12540	0.87%	0.082%
21	13.514	1813	1817	1819	rBV2	2523	2625	0.18%	0.017%
22	14.025	1897	1904	1908	rBV	453849	655621	45.73%	4.273%
23	14.072	1908	1912	1917	rVB	206786	284546	19.85%	1.854%
24	14.260	1941	1944	1947	rBV4	1801	2929	0.20%	0.019%
25	14.319	1947	1954	1963	rVB	507520	776184	54.14%	5.058%
26	14.624	1999	2006	2016	rVB2	392513	617850	43.10%	4.026%
27	14.824	2033	2040	2048	rBV	192027	330833	23.08%	2.156%
28	15.412	2136	2140	2145	rBV3	6379	10656	0.74%	0.069%
29	15.459	2145	2148	2153	rVB	7101	10266	0.72%	0.067%
30	15.611	2167	2174	2181	rBV	668662	1013188	70.67%	6.603%
31	15.729	2188	2194	2203	rBV	163351	239674	16.72%	1.562%
32	15.852	2211	2215	2223	rVB6	8357	15581	1.09%	0.102%
33	16.322	2290	2295	2297	rBV2	15703	19910	1.39%	0.130%
34	16.393	2304	2307	2310	rBV2	2548	3293	0.23%	0.021%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
 Data File : BG018828.D
 Acq On : 22 Sep 2015 22:29
 Operator : UM/NP
 Sample : G3758-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHAB8

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-BG091015.M
 Title : SVOA CALIBRATION

35	16.499	2322	2325	2329	rVB2	10976	13111	0.91%	0.085%
36	16.669	2349	2354	2355	rBV4	1989	3033	0.21%	0.020%
37	16.775	2371	2372	2379	rBV4	2006	3095	0.22%	0.020%
38	16.834	2379	2382	2389	rVV8	2738	5153	0.36%	0.034%
39	16.892	2391	2392	2396	rVB4	2510	3017	0.21%	0.020%
40	16.933	2396	2399	2402	rBV3	3446	3797	0.26%	0.025%
41	17.110	2424	2429	2433	rBV	18044	23842	1.66%	0.155%
42	17.163	2435	2438	2442	rVB4	6640	10700	0.75%	0.070%
43	17.362	2466	2472	2479	rBV2	568771	889751	62.06%	5.798%
44	17.462	2482	2489	2498	rVB	803282	1219797	85.09%	7.949%
45	17.644	2517	2520	2526	rVB6	3188	5778	0.40%	0.038%
46	17.738	2528	2536	2539	rBV8	5526	11707	0.82%	0.076%
47	17.850	2552	2555	2560	rVB	15662	18775	1.31%	0.122%
48	17.891	2560	2562	2565	rVB3	2969	2453	0.17%	0.016%
49	17.921	2565	2567	2570	rBV4	2371	2296	0.16%	0.015%
50	18.250	2618	2623	2631	rBV2	69596	109832	7.66%	0.716%
51	18.443	2654	2656	2658	rBV3	2433	2459	0.17%	0.016%
52	18.543	2670	2673	2677	rVB4	7556	9038	0.63%	0.059%
53	18.673	2692	2695	2698	rVB4	7461	7457	0.52%	0.049%
54	19.483	2831	2833	2835	rVB3	2667	2516	0.18%	0.016%
55	19.519	2835	2839	2843	rBV4	7835	15769	1.10%	0.103%
56	19.630	2856	2858	2862	rVB3	8787	10758	0.75%	0.070%
57	19.748	2872	2878	2885	rVB2	1000947	1433617	100.00%	9.343%
58	19.854	2894	2896	2899	rVB4	3878	3820	0.27%	0.025%
59	19.989	2916	2919	2920	rBV3	3093	3384	0.24%	0.022%
60	20.194	2952	2954	2957	rBV3	3403	3168	0.22%	0.021%
61	20.517	3008	3009	3012	rBV3	3747	2645	0.18%	0.017%
62	21.264	3131	3136	3147	rBV2	67024	127313	8.88%	0.830%
63	21.622	3190	3197	3207	rBV	742736	1204598	84.03%	7.850%
64	22.897	3412	3414	3416	rBV2	5128	3132	0.22%	0.020%
65	24.583	3692	3701	3716	rVB	410571	1112363	77.59%	7.249%
66	24.807	3729	3739	3753	rVB	454265	1224520	85.41%	7.980%
67	26.434	4014	4016	4017	rBV2	5192	2559	0.18%	0.017%
68	26.651	4051	4053	4054	rBV2	4271	2175	0.15%	0.014%

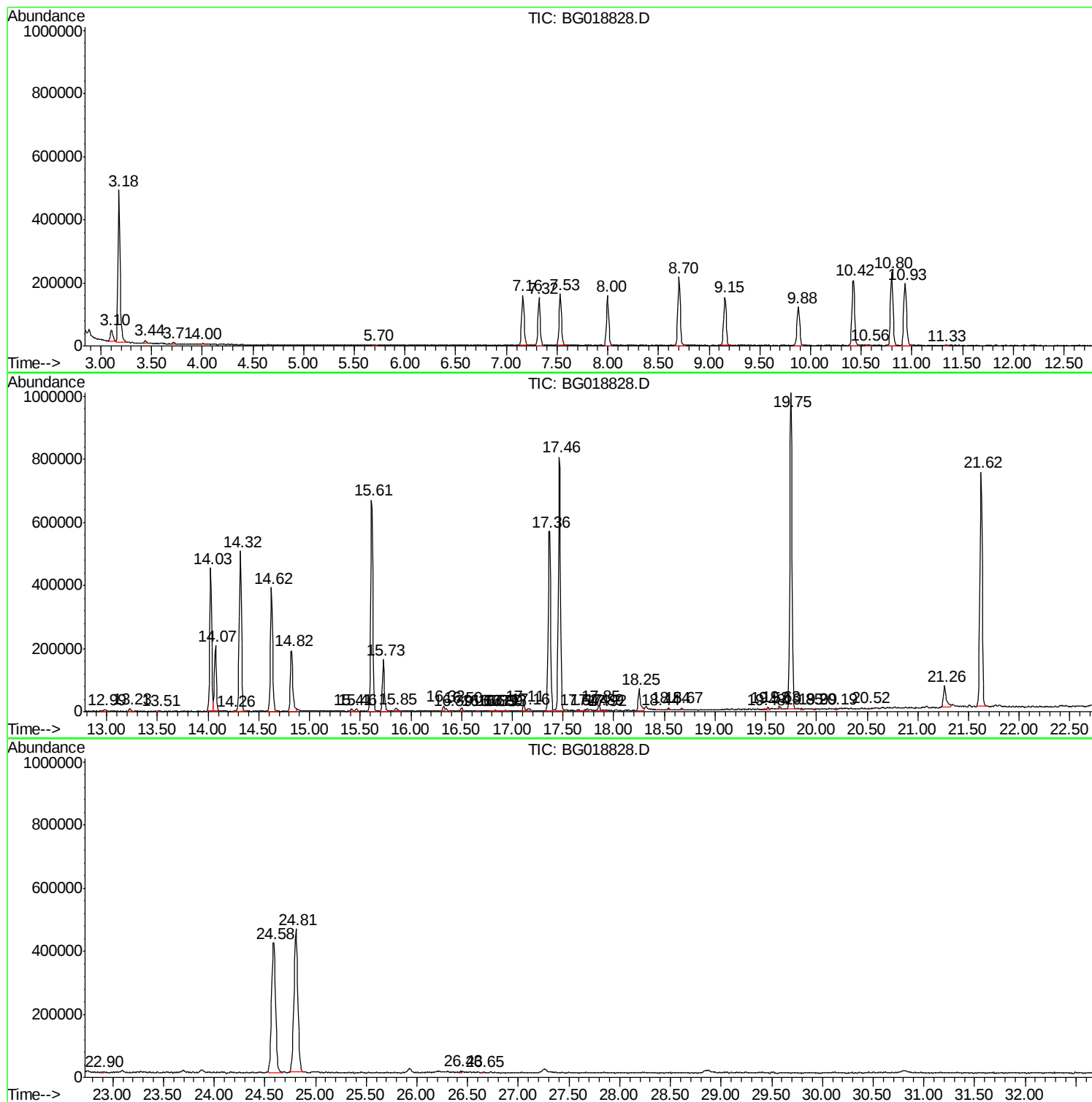
Sum of corrected areas: 15344866

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018828.D
Acq On : 22 Sep 2015 22:29
Operator : UM/NP
Sample : G3758-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHAB8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018828.D
Acq On : 22 Sep 2015 22:29
Operator : UM/NP
Sample : G3758-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHAB8

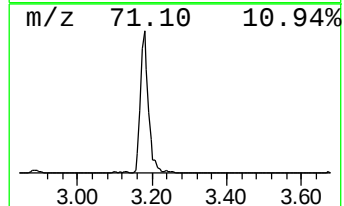
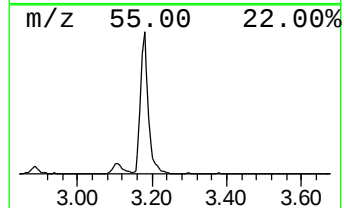
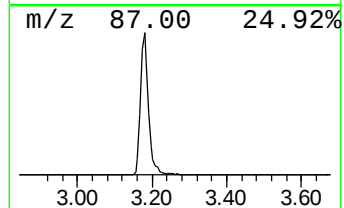
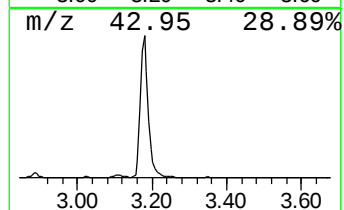
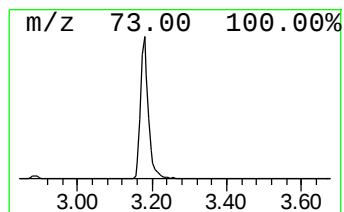
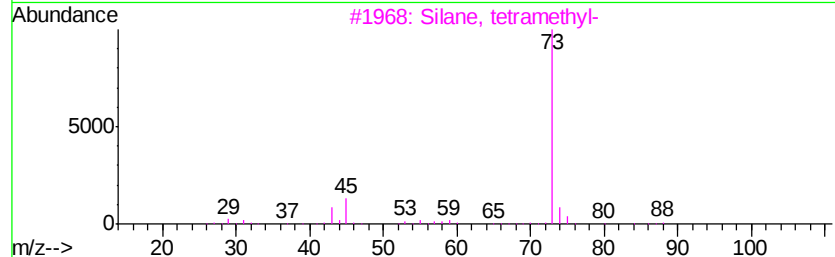
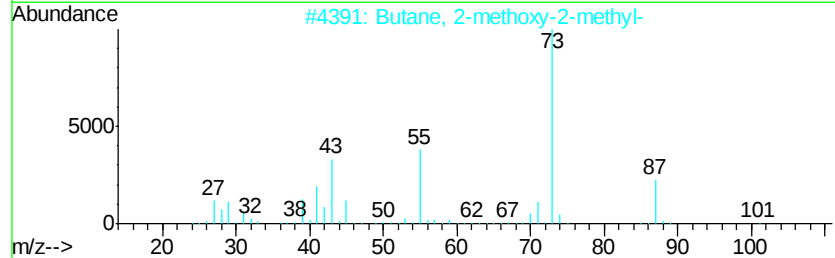
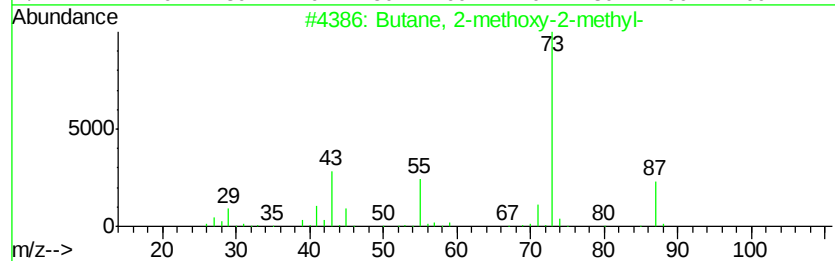
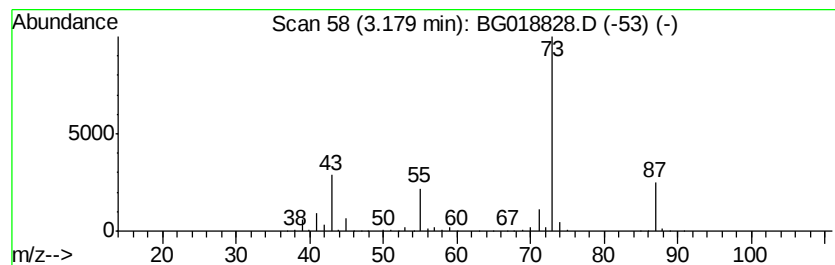
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	53.70 ng/ul	693336	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018828.D
Acq On : 22 Sep 2015 22:29
Operator : UM/NP
Sample : G3758-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHAB8

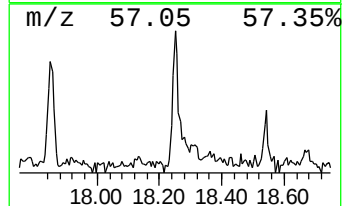
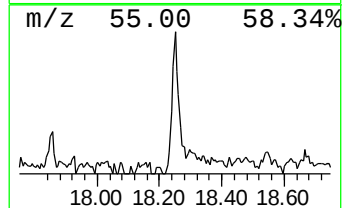
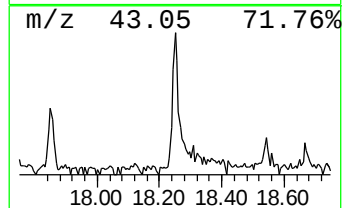
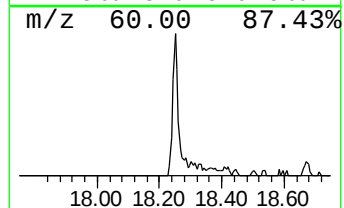
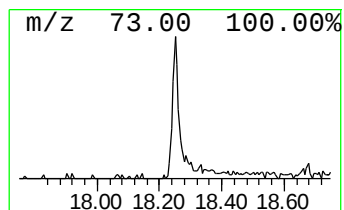
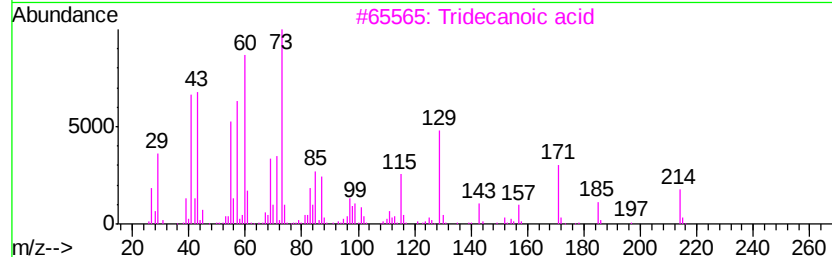
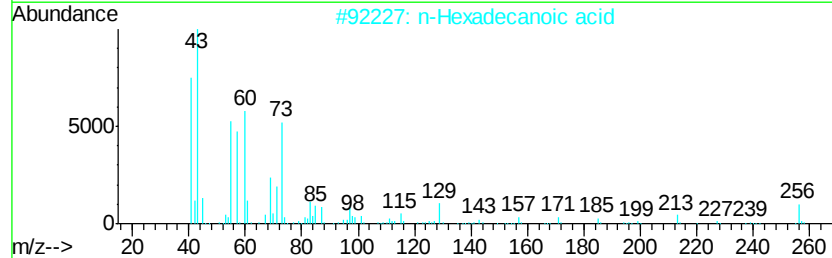
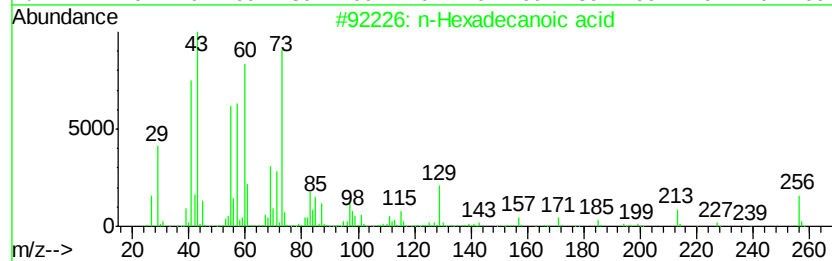
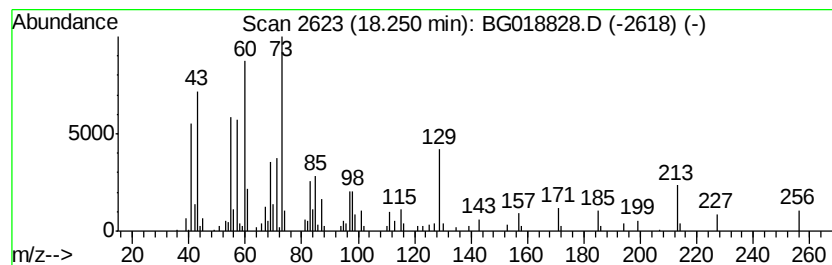
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.47 ng/ul	109832	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018828.D
Acq On : 22 Sep 2015 22:29
Operator : UM/NP
Sample : G3758-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

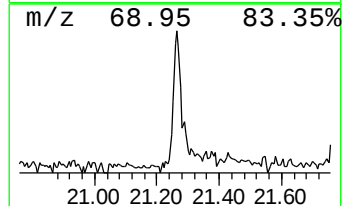
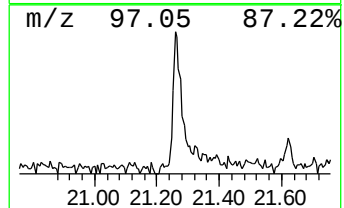
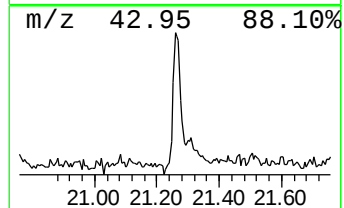
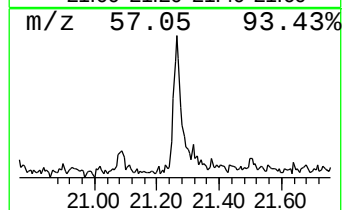
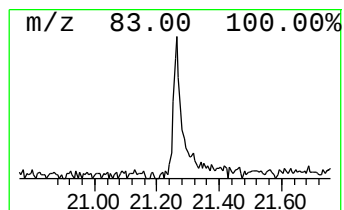
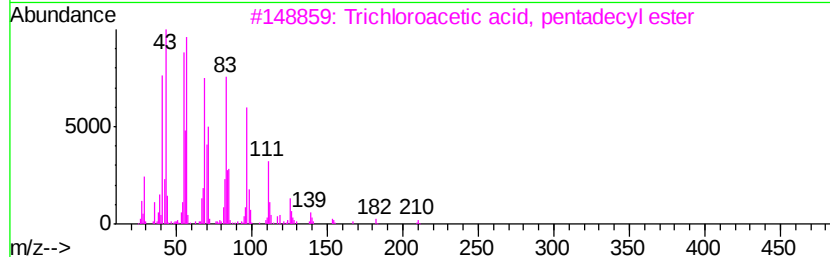
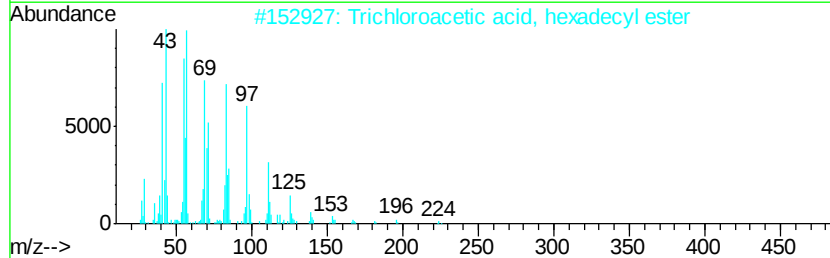
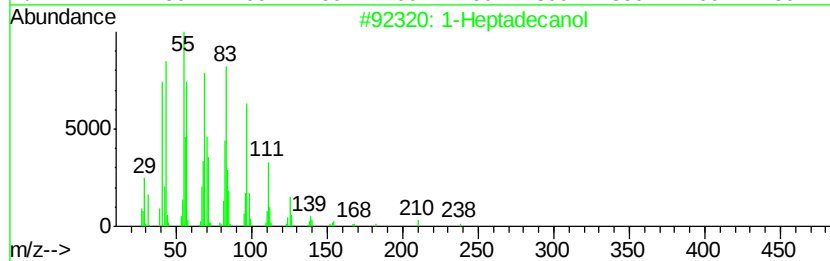
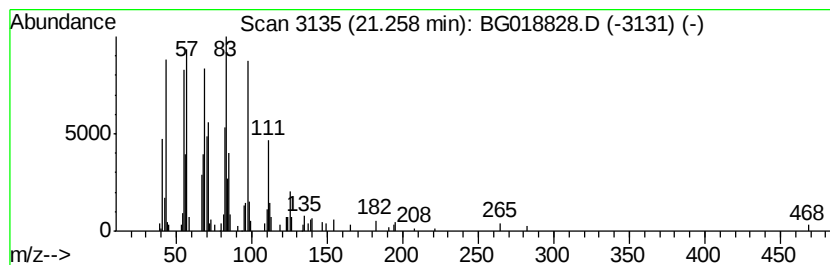
Instrument :
BNA_G
ClientSampleId :
JHAB8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Heptadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.26	2.11 ng/ul	127313	Chrysene-d12	21.62		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptadecanol	256	C17H36O	001454-85-9	87
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	86
4		Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	83
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018828.D
Acq On : 22 Sep 2015 22:29
Operator : UM/NP
Sample : G3758-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHAB8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.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
Butane, 2-methoxy...	3.18	53.7	ng/ul	693336	1	8.00	258211	20.0
n-Hexadecanoic acid	18.25	2.5	ng/ul	109832	4	17.37	889751	20.0
1-Heptadecanol	21.26	2.1	ng/ul	127313	5	21.62	1204600	20.0