

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
 Data File : BM001946.D
 Acq On : 16 Jul 2015 15:05
 Operator : TP/UM
 Sample : G2998-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01F9

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_M\METHODS\SOM02.2-EPA-BM071315.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	2.793	15	18	27	rVB2	14213	24887	1.09%	0.110%
2	2.869	27	31	42	rBV	229956	317024	13.93%	1.401%
3	3.128	71	75	81	rBV2	11781	14127	0.62%	0.062%
4	3.399	116	121	126	rBV3	3391	4998	0.22%	0.022%
5	4.046	224	231	236	rVB3	944	2686	0.12%	0.012%
6	4.769	348	354	357	rVB3	3009	4926	0.22%	0.022%
7	6.816	696	702	711	rBV	274694	430499	18.91%	1.902%
8	6.993	726	732	739	rVB	209340	326680	14.35%	1.443%
9	7.181	758	764	771	rBV	287050	437721	19.23%	1.934%
10	7.651	838	844	851	rBB	206238	315097	13.84%	1.392%
11	8.357	958	964	973	rBB	383821	593421	26.07%	2.622%
12	8.810	1035	1041	1048	rBB	277456	438268	19.25%	1.937%
13	9.528	1157	1163	1170	rVB	228514	374499	16.45%	1.655%
14	10.063	1247	1254	1262	rBV	381678	628838	27.62%	2.779%
15	10.439	1311	1318	1326	rBB	306860	495668	21.77%	2.190%
16	10.581	1336	1342	1352	rBV	356190	596436	26.20%	2.635%
17	12.898	1733	1736	1740	rVB3	2552	3282	0.14%	0.015%
18	13.722	1870	1876	1880	rBV	767520	1046105	45.95%	4.622%
19	13.769	1880	1884	1890	rVB	366826	490802	21.56%	2.169%
20	13.998	1916	1923	1930	rBV	838477	1195083	52.50%	5.281%
21	14.204	1955	1958	1961	rBV2	5707	7419	0.33%	0.033%
22	14.310	1969	1976	1983	rVB2	507956	738489	32.44%	3.263%
23	14.510	2004	2010	2020	rBV	352597	520661	22.87%	2.301%
24	14.710	2039	2044	2050	rBV2	2248	3580	0.16%	0.016%
25	14.821	2059	2063	2068	rBV2	3617	5425	0.24%	0.024%
26	15.104	2107	2111	2115	rBV	8271	10498	0.46%	0.046%
27	15.157	2115	2120	2125	rVB2	15829	21731	0.95%	0.096%
28	15.216	2125	2130	2135	rBV2	1590	2945	0.13%	0.013%
29	15.304	2139	2145	2151	rBV	1108584	1520963	66.81%	6.720%
30	15.427	2160	2166	2175	rBV	300727	410981	18.05%	1.816%
31	15.563	2181	2189	2194	rBV3	11559	25772	1.13%	0.114%
32	15.604	2194	2196	2200	rVV	2309	2325	0.10%	0.010%
33	15.657	2200	2205	2211	rVB3	2802	4075	0.18%	0.018%
34	15.721	2211	2216	2221	rBV2	3555	6469	0.28%	0.029%

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35	15.774	2221	2225	2232	rVB4	5156	6702	0.29%	0.030%
36	16.021	2261	2267	2269	rBV	25491	36291	1.59%	0.160%
37	16.192	2294	2296	2300	rVB2	2659	3166	0.14%	0.014%
38	16.280	2306	2311	2314	rBV4	1299	2558	0.11%	0.011%
39	16.363	2318	2325	2328	rBV3	3869	6627	0.29%	0.029%
40	16.421	2333	2335	2338	rVV3	3546	3952	0.17%	0.017%
41	16.457	2338	2341	2343	rVV	2858	2795	0.12%	0.012%
42	16.480	2343	2345	2349	rVB3	3450	3504	0.15%	0.015%
43	16.527	2349	2353	2357	rBV3	3759	5816	0.26%	0.026%
44	16.592	2361	2364	2368	rVV2	2953	3761	0.17%	0.017%
45	16.627	2368	2370	2373	rVB3	2625	2745	0.12%	0.012%
46	16.810	2397	2401	2406	rVV	22955	31025	1.36%	0.137%
47	16.863	2406	2410	2416	rVV4	11821	19491	0.86%	0.086%
48	16.957	2420	2426	2427	rBV3	2380	3249	0.14%	0.014%
49	17.057	2437	2443	2449	rBV	685023	940853	41.33%	4.157%
50	17.157	2453	2460	2466	rVV2	1219099	1767831	77.66%	7.811%
51	17.227	2468	2472	2477	rVV4	3661	6688	0.29%	0.030%
52	17.280	2478	2481	2487	rVB4	2893	5560	0.24%	0.025%
53	17.351	2487	2493	2498	rVB3	3388	5747	0.25%	0.025%
54	17.415	2500	2504	2506	rBV3	2882	3477	0.15%	0.015%
55	17.462	2506	2512	2519	rVB6	4727	9025	0.40%	0.040%
56	17.551	2523	2527	2532	rBV	17269	21395	0.94%	0.095%
57	17.727	2552	2557	2559	rBV4	3011	3962	0.17%	0.018%
58	17.827	2568	2574	2579	rBV2	4873	10436	0.46%	0.046%
59	17.951	2590	2595	2605	rBV	178593	246382	10.82%	1.089%
60	18.145	2626	2628	2632	rVB4	2309	2507	0.11%	0.011%
61	18.245	2640	2645	2648	rBV3	5499	7442	0.33%	0.033%
62	18.380	2664	2668	2673	rVB3	8838	10701	0.47%	0.047%
63	18.704	2720	2723	2727	rVB3	1802	2527	0.11%	0.011%
64	18.780	2732	2736	2739	rBV4	1337	2461	0.11%	0.011%
65	18.874	2751	2752	2758	rVB4	2467	2841	0.12%	0.013%
66	19.092	2786	2789	2790	rBV2	3796	3126	0.14%	0.014%
67	19.115	2790	2793	2798	rVB4	6321	8060	0.35%	0.036%
68	19.233	2809	2813	2821	rBV	44487	59868	2.63%	0.265%
69	19.339	2828	2831	2837	rVB	10389	13309	0.58%	0.059%
70	19.398	2837	2841	2843	rBV2	2999	3411	0.15%	0.015%
71	19.456	2845	2851	2857	rBV	1589667	2102199	92.35%	9.289%

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72	19.862	2915	2920	2921	rBV	1704	2399	0.11%	0.011%
73	19.998	2936	2943	2949	rBV3	8334	18110	0.80%	0.080%
74	20.392	3002	3010	3012	rBV5	15938	16824	0.74%	0.074%
75	20.498	3023	3028	3032	rBV4	10707	14468	0.64%	0.064%
76	20.609	3041	3047	3051	rBV3	3783	7978	0.35%	0.035%
77	20.798	3075	3079	3083	rBV6	2511	4766	0.21%	0.021%
78	20.962	3102	3107	3119	rBV	322553	553432	24.31%	2.445%
79	21.045	3119	3121	3125	rVB3	16831	19481	0.86%	0.086%
80	21.162	3139	3141	3146	rVB3	7489	7534	0.33%	0.033%
81	21.250	3151	3156	3161	rBV	1103105	1291589	56.74%	5.707%
82	21.362	3172	3175	3178	rBV4	5993	5887	0.26%	0.026%
83	21.398	3178	3181	3184	rBV3	10810	11358	0.50%	0.050%
84	21.827	3251	3254	3256	rBV3	10058	11143	0.49%	0.049%
85	21.868	3256	3261	3265	rBV5	20376	41247	1.81%	0.182%
86	22.050	3290	3292	3295	rBV2	5409	4154	0.18%	0.018%
87	22.286	3328	3332	3338	rVB	55290	72402	3.18%	0.320%
88	22.409	3349	3353	3357	rVB	100157	125269	5.50%	0.554%
89	22.786	3413	3417	3423	rVB5	14346	24204	1.06%	0.107%
90	23.339	3502	3511	3519	rBV2	1232380	2276393	100.00%	10.058%
91	23.474	3527	3534	3543	rVB	702298	1296298	56.95%	5.728%
92	23.980	3616	3620	3626	rVB4	17022	34232	1.50%	0.151%
93	24.086	3631	3638	3651	rBV4	53242	184018	8.08%	0.813%
94	24.715	3740	3745	3750	rBV6	13698	30661	1.35%	0.135%
95	25.868	3934	3941	3956	rVB8	56660	184011	8.08%	0.813%

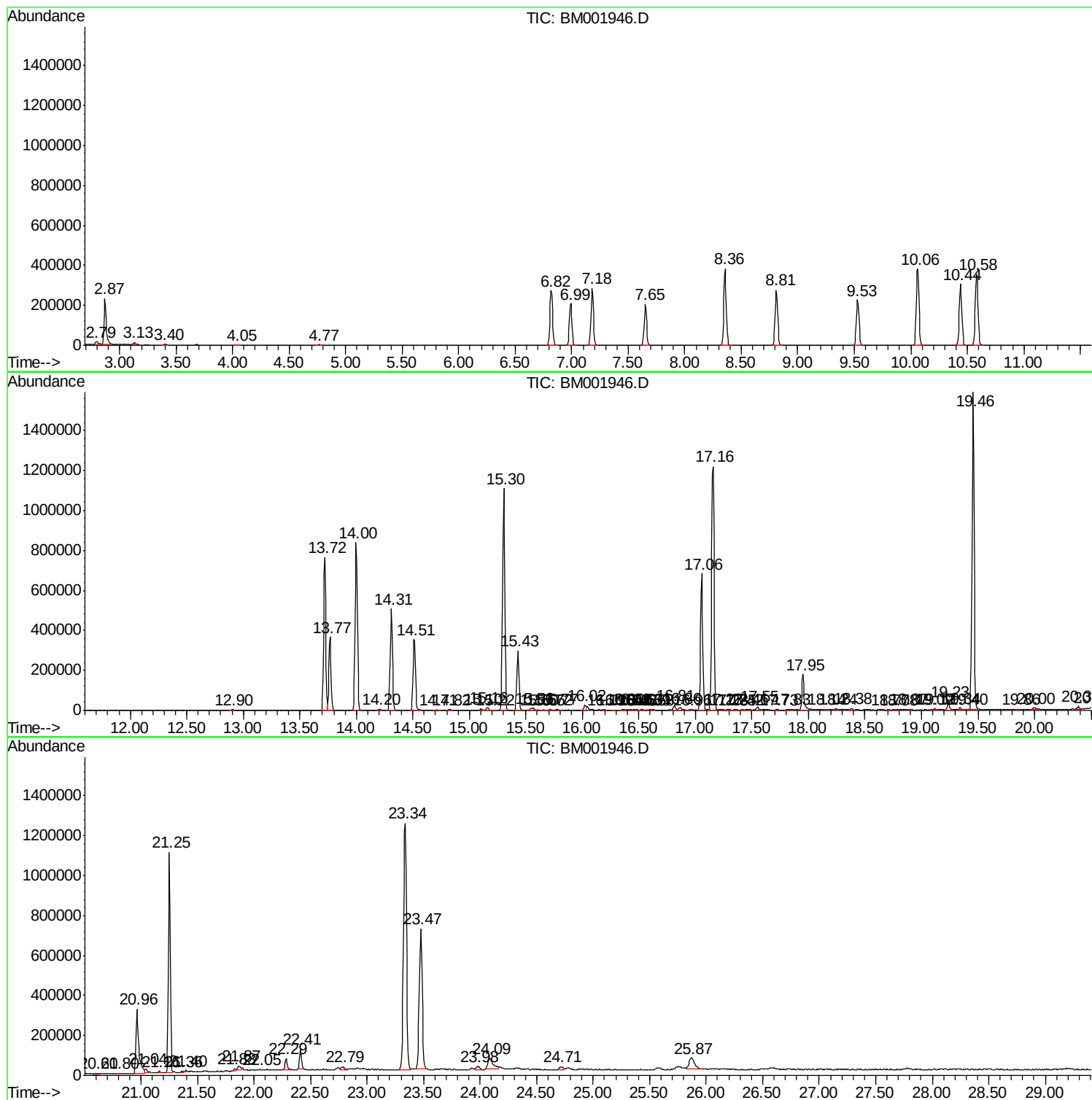
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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



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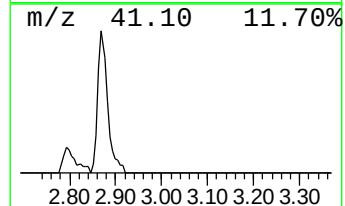
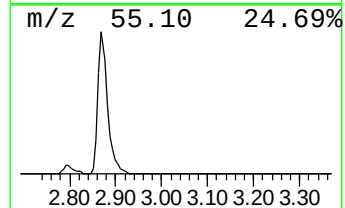
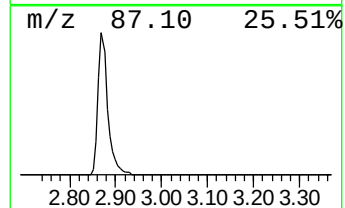
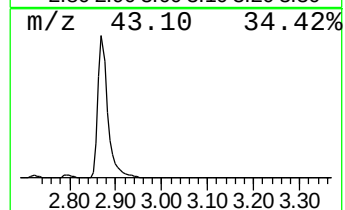
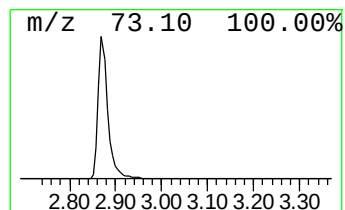
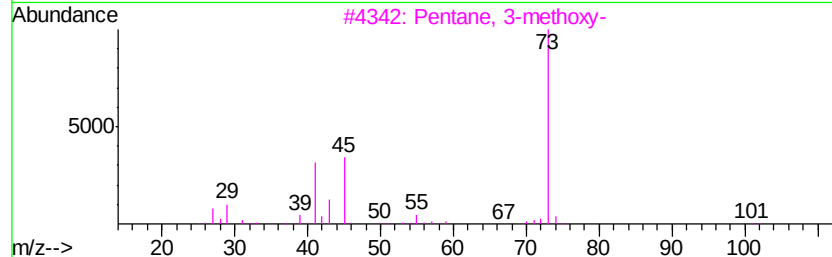
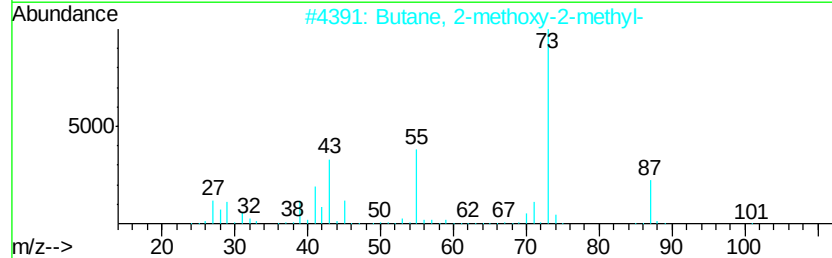
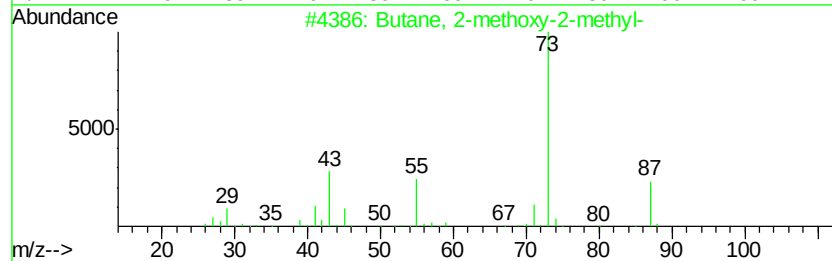
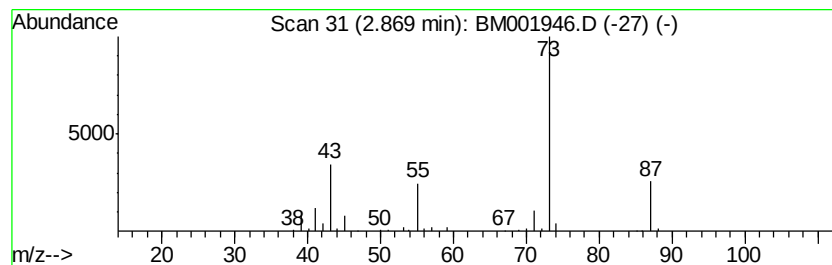
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	20.12 ng/ul	317024	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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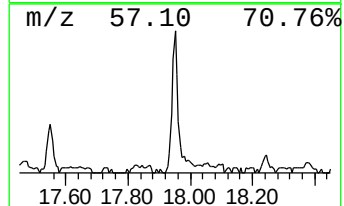
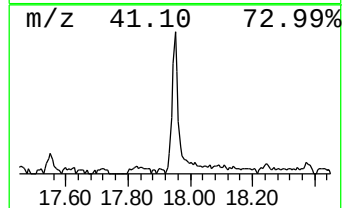
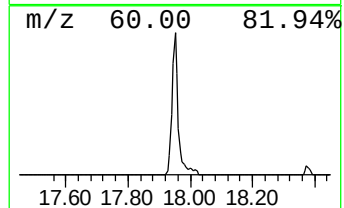
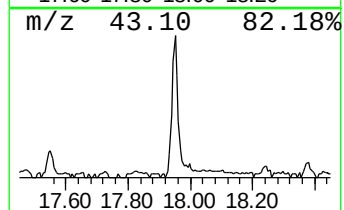
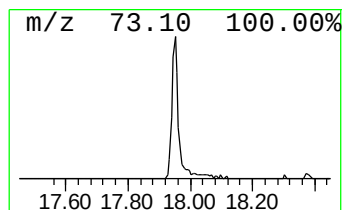
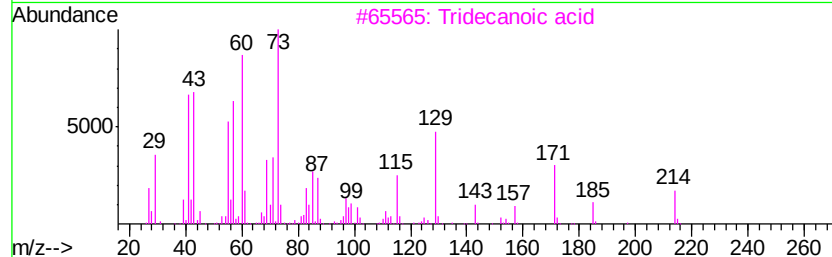
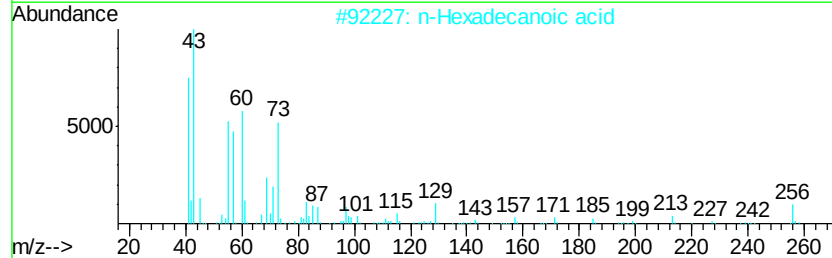
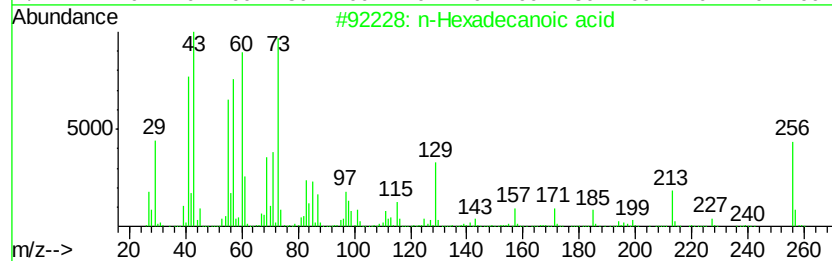
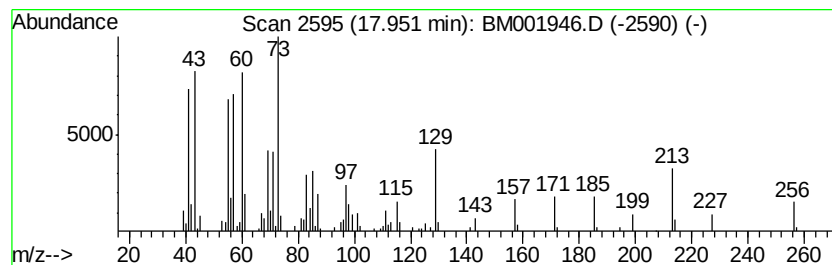
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.95	5.24 ng/ul	246382	Phenanthrene-d10	17.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
5	Undecanoic acid	186	C11H22O2	000112-37-8	83	



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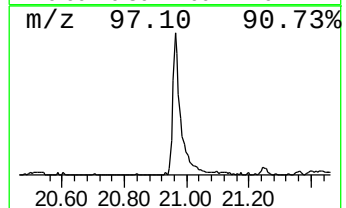
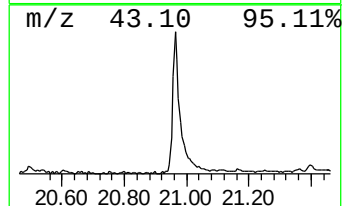
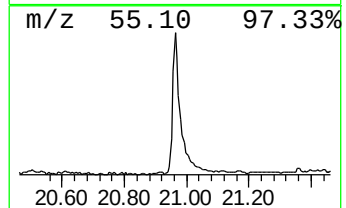
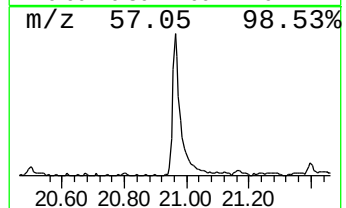
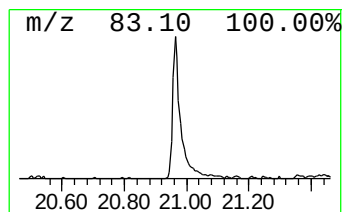
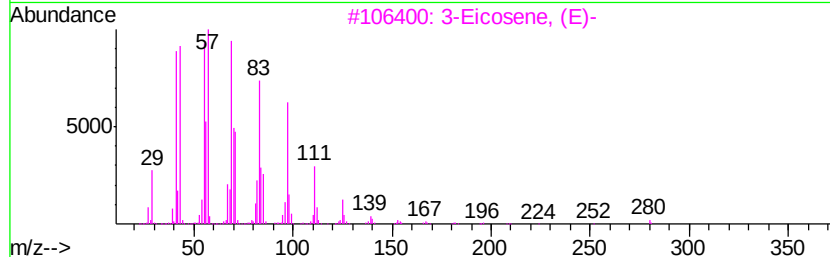
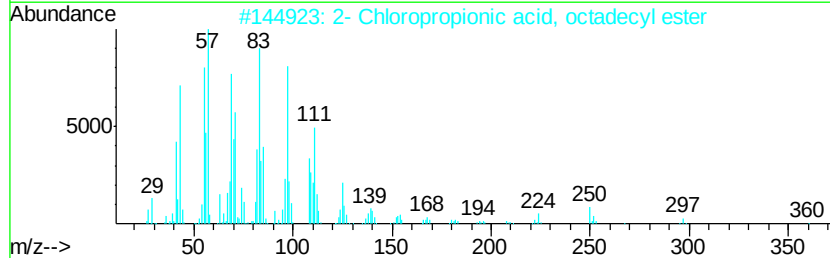
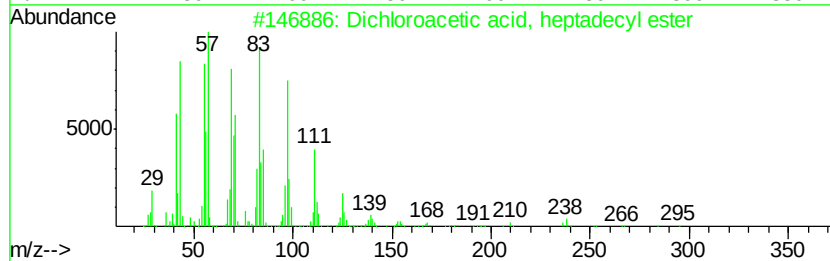
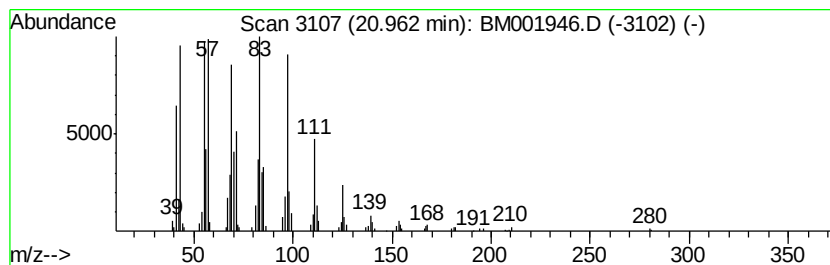
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.96	8.57 ng/ul	553432	Chrysene-d12	21.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95	
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94	
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91	
4	1-Nonadecene	266	C19H38	018435-45-5	91	
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91	



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C01F9

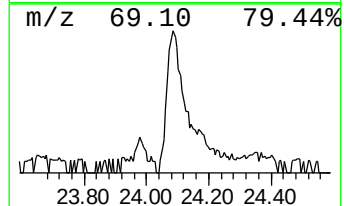
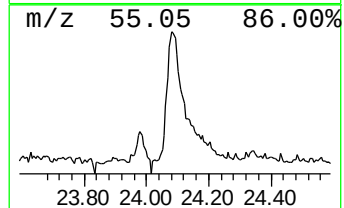
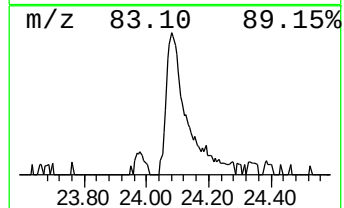
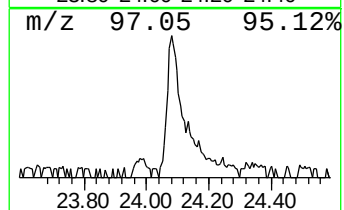
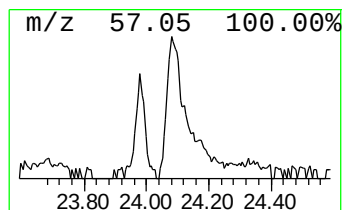
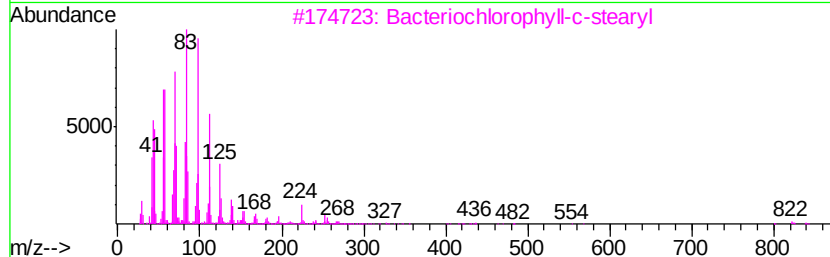
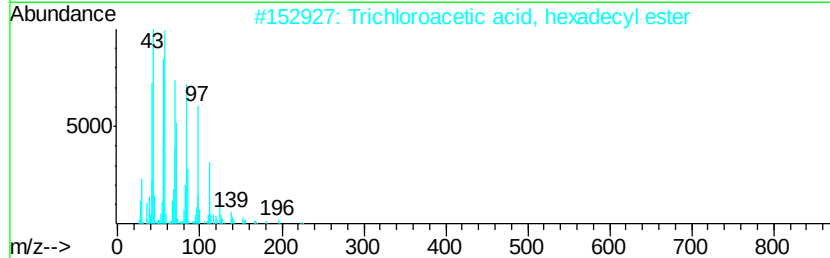
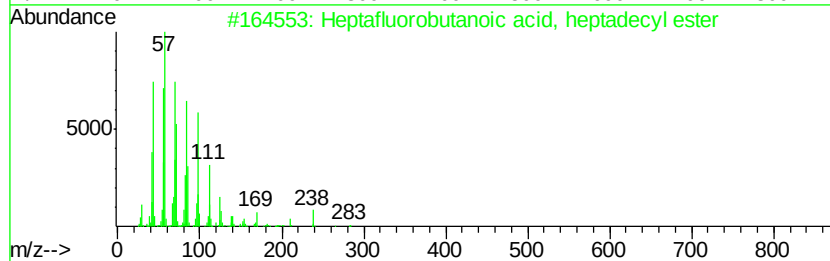
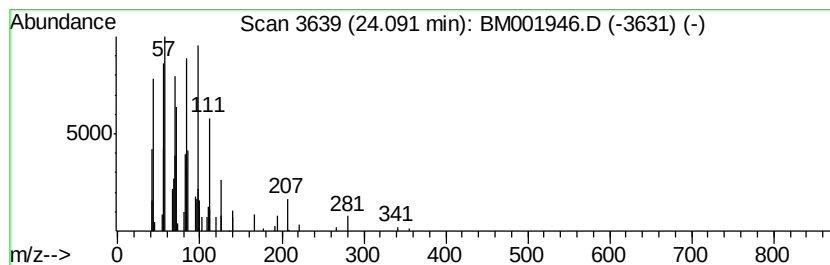
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Heptafluorobutanoic acid, h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	2.84 ng/ul	184018	Perylene-d12	23.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91	
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91	
3	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	90	
4	1-Nonadecene	266	C19H38	018435-45-5	90	
5	1-Hexacosanol	382	C26H54O	000506-52-5	87	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001946.D
Acq On : 16 Jul 2015 15:05
Operator : TP/UM
Sample : G2998-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01F9

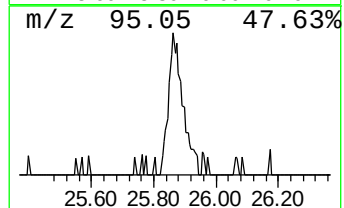
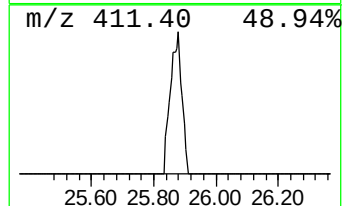
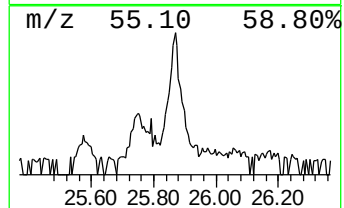
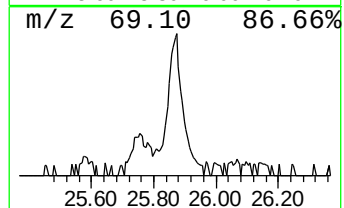
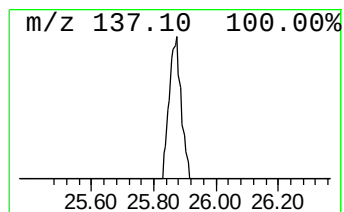
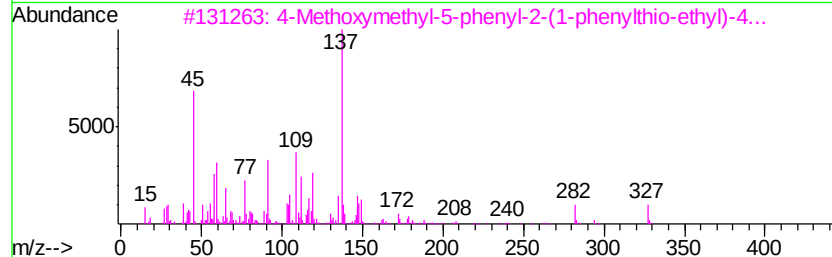
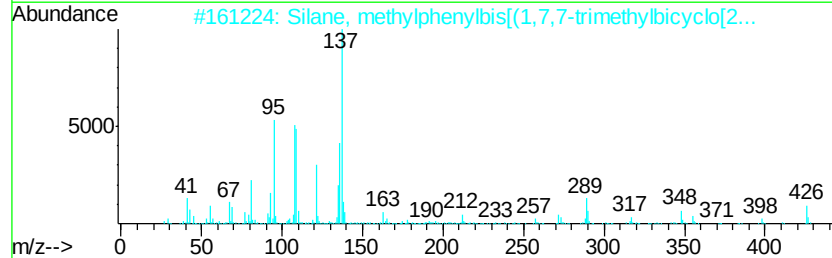
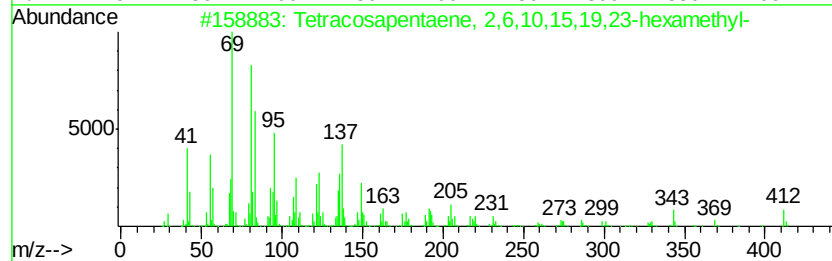
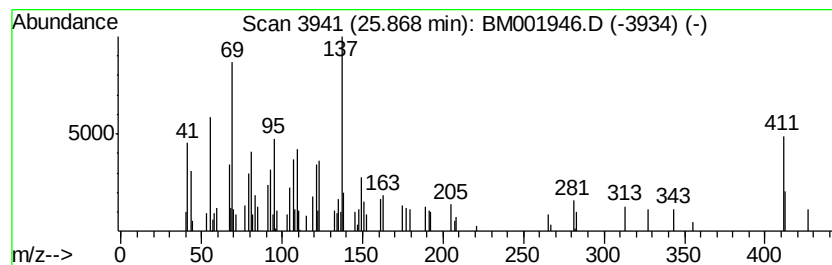
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.87	2.84 ng/ul	184011	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosapentaene, 2,6,10,15,19,...	412	C30H52	026266-08-0	32
2		Silane, methylphenylbis[(1,7,7-t...	426	C27H42O2Si	074806-99-8	32
3		4-Methoxymethyl-5-phenyl-2-(1-ph...	327	C19H21NO2S	1000287-93-1	22
4		Cyclohexanone, 2-(1-mercapto-1-m...	186	C10H18OS	035117-85-2	22
5		1-Oxaspiro[2.5]octane, 4,4-dimet...	152	C10H16O	054345-56-1	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001946.D
Acq On : 16 Jul 2015 15:05
Operator : TP/UM
Sample : G2998-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01F9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.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...	2.87	20.1	ng/ul	317024	1	7.65	315097	20.0
n-Hexadecanoic acid	17.95	5.2	ng/ul	246382	4	17.06	940853	20.0
Dichloroacetic ac...	20.96	8.6	ng/ul	553432	5	21.25	1291590	20.0
Heptafluorobutano...	24.09	2.8	ng/ul	184018	6	23.47	1296300	20.0
unknown-01	25.87	2.8	ng/ul	184011	6	23.47	1296300	20.0