

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
 Data File : BM000278.D
 Acq On : 21 Jan 2015 00:33
 Operator : TP/IZ
 Sample : G1102-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 C0AG8

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\SOM01.2-EPA-BM122914.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	2.981	46	50	58	rBV	365723	533729	16.34%	1.147%
2	3.058	58	63	71	rVB	1305782	1647736	50.46%	3.541%
3	6.981	724	730	741	rVB	759006	1350656	41.36%	2.903%
4	7.152	754	759	769	rVB	550940	858448	26.29%	1.845%
5	7.352	787	793	801	rBV2	728157	1163492	35.63%	2.501%
6	7.440	805	808	815	rVB3	45258	67848	2.08%	0.146%
7	7.822	867	873	879	rVB	605338	958791	29.36%	2.061%
8	8.516	985	991	999	rBV	901326	1414730	43.32%	3.041%
9	8.975	1063	1069	1079	rVB	802250	1298780	39.77%	2.791%
10	9.387	1135	1139	1147	rVB6	13765	26057	0.80%	0.056%
11	9.693	1185	1191	1202	rVB	617181	1033520	31.65%	2.221%
12	9.916	1227	1229	1231	rVB2	6221	4504	0.14%	0.010%
13	10.016	1244	1246	1251	rVB3	4250	4537	0.14%	0.010%
14	10.228	1275	1282	1291	rBV	855973	1419707	43.48%	3.051%
15	10.610	1340	1347	1355	rVB	821003	1341368	41.08%	2.883%
16	10.745	1363	1370	1378	rBV	809752	1370525	41.97%	2.946%
17	11.010	1414	1415	1421	rVB2	4107	5183	0.16%	0.011%
18	11.451	1488	1490	1494	rVV3	3173	4367	0.13%	0.009%
19	11.928	1565	1571	1578	rVB2	115666	190884	5.85%	0.410%
20	12.198	1612	1617	1623	rVB4	11615	15856	0.49%	0.034%
21	12.381	1646	1648	1652	rVV3	4814	6516	0.20%	0.014%
22	13.069	1760	1765	1768	rBV3	5072	8338	0.26%	0.018%
23	13.281	1797	1801	1804	rVB4	8490	12634	0.39%	0.027%
24	13.675	1863	1868	1872	rBV3	14702	22280	0.68%	0.048%
25	13.863	1894	1900	1905	rBV	1519144	2058867	63.05%	4.425%
26	13.910	1905	1908	1916	rVV	224555	291146	8.92%	0.626%
27	14.151	1942	1949	1956	rBV	1515077	2301311	70.47%	4.946%
28	14.351	1978	1983	1987	rVB2	17474	21447	0.66%	0.046%
29	14.457	1993	2001	2008	rBV	1169040	1665201	50.99%	3.579%
30	14.645	2024	2033	2045	rBV	649964	1037296	31.76%	2.229%
31	14.875	2066	2072	2079	rBV5	30234	48926	1.50%	0.105%
32	14.963	2081	2087	2092	rVB4	10228	17214	0.53%	0.037%
33	15.216	2128	2130	2134	rVV3	8360	13117	0.40%	0.028%
34	15.275	2138	2140	2143	rVV2	7766	10240	0.31%	0.022%

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35	15.304	2143	2145	2150	rVB3	10182	11290	0.35%	0.024%
36	15.451	2163	2170	2177	rBV	1850224	2726237	83.48%	5.859%
37	15.504	2177	2179	2183	rVB4	3185	4524	0.14%	0.010%
38	15.563	2183	2189	2198	rBV	508289	703543	21.54%	1.512%
39	15.692	2206	2211	2215	rVB3	18691	27537	0.84%	0.059%
40	15.816	2225	2232	2239	rBV	544631	753685	23.08%	1.620%
41	16.016	2262	2266	2267	rBV3	5038	7232	0.22%	0.016%
42	16.169	2287	2292	2296	rBV3	5308	8763	0.27%	0.019%
43	16.345	2320	2322	2326	rVB3	2874	4061	0.12%	0.009%
44	16.392	2328	2330	2334	rBV2	3801	4033	0.12%	0.009%
45	16.563	2357	2359	2361	rBV	3638	3957	0.12%	0.009%
46	16.592	2361	2364	2367	rBV3	14912	18527	0.57%	0.040%
47	16.657	2374	2375	2379	rVB3	3360	3861	0.12%	0.008%
48	16.739	2388	2389	2393	rVB4	3591	4108	0.13%	0.009%
49	16.769	2393	2394	2399	rBV4	3628	4974	0.15%	0.011%
50	16.927	2416	2421	2424	rVV6	4308	7668	0.23%	0.016%
51	16.957	2424	2426	2429	rVV4	5623	7710	0.24%	0.017%
52	16.992	2429	2432	2435	rVV2	7445	10329	0.32%	0.022%
53	17.033	2438	2439	2443	rVB3	3966	4086	0.13%	0.009%
54	17.063	2443	2444	2447	rBV3	3055	3824	0.12%	0.008%
55	17.198	2461	2467	2474	rBV2	1377189	1986928	60.85%	4.270%
56	17.298	2476	2484	2492	rVV2	2117844	2987374	91.48%	6.421%
57	17.386	2496	2499	2505	rVV5	27307	39736	1.22%	0.085%
58	17.563	2526	2529	2533	rBV4	5963	10182	0.31%	0.022%
59	17.692	2549	2551	2552	rBV2	6417	5054	0.15%	0.011%
60	17.739	2555	2559	2563	rBV5	2599	4421	0.14%	0.010%
61	17.863	2578	2580	2585	rVB3	5255	7328	0.22%	0.016%
62	17.957	2593	2596	2604	rBV7	19428	32419	0.99%	0.070%
63	18.086	2613	2618	2628	rBV	367479	623425	19.09%	1.340%
64	18.157	2628	2630	2636	rVB2	24266	39891	1.22%	0.086%
65	18.498	2685	2688	2689	rBV3	5102	3981	0.12%	0.009%
66	18.516	2689	2691	2694	rVV4	10774	11882	0.36%	0.026%
67	18.757	2729	2732	2734	rVB4	7430	6367	0.19%	0.014%
68	18.863	2747	2750	2754	rBV4	6270	12336	0.38%	0.027%
69	18.898	2754	2756	2757	rBV2	6293	4313	0.13%	0.009%
70	19.021	2774	2777	2779	rVB4	6240	6753	0.21%	0.015%
71	19.227	2807	2812	2813	rBV4	37891	44815	1.37%	0.096%

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72	19.368	2832	2836	2846	rBV2	214141	325628	9.97%	0.700%
73	19.480	2852	2855	2858	rVB3	16921	17420	0.53%	0.037%
74	19.515	2858	2861	2867	rVB2	56338	69769	2.14%	0.150%
75	19.592	2868	2874	2879	rBV	2379361	3243772	99.33%	6.972%
76	19.639	2879	2882	2890	rVB4	69904	111964	3.43%	0.241%
77	19.939	2930	2933	2936	rVB5	6865	6441	0.20%	0.014%
78	20.098	2955	2960	2961	rBV5	7524	12714	0.39%	0.027%
79	20.133	2961	2966	2971	rVV7	25836	53026	1.62%	0.114%
80	20.274	2988	2990	2991	rBV2	5550	4126	0.13%	0.009%
81	20.451	3018	3020	3022	rBV3	7567	6572	0.20%	0.014%
82	20.515	3025	3031	3036	rVV	101842	151160	4.63%	0.325%
83	20.562	3036	3039	3044	rVV5	44227	57021	1.75%	0.123%
84	20.627	3046	3050	3053	rVV4	26627	40863	1.25%	0.088%
85	20.662	3053	3056	3061	rVB6	26887	35031	1.07%	0.075%
86	20.739	3067	3069	3072	rBV4	9607	7271	0.22%	0.016%
87	21.098	3125	3130	3143	rBV	491913	1104976	33.84%	2.375%
88	21.292	3160	3163	3169	rVB	76537	101513	3.11%	0.218%
89	21.386	3174	3179	3186	rVV	1897320	2306724	70.64%	4.958%
90	21.498	3194	3198	3201	rBV2	91634	116308	3.56%	0.250%
91	21.527	3201	3203	3207	rVB4	38378	44542	1.36%	0.096%
92	21.974	3275	3279	3281	rBV3	43232	52464	1.61%	0.113%
93	22.439	3356	3358	3366	rVB4	69425	93485	2.86%	0.201%
94	22.574	3377	3381	3387	rVB	221604	309996	9.49%	0.666%
95	22.956	3444	3446	3451	rVB3	62281	65364	2.00%	0.140%
96	23.533	3536	3544	3554	rVB2	1695457	3265549	100.00%	7.019%
97	23.674	3561	3568	3579	rVB2	1120400	2253648	69.01%	4.844%
98	24.192	3654	3656	3663	rVB5	58369	100321	3.07%	0.216%
99	24.315	3671	3677	3679	rBV7	54594	113708	3.48%	0.244%
100	24.968	3783	3788	3794	rVB7	45027	83293	2.55%	0.179%

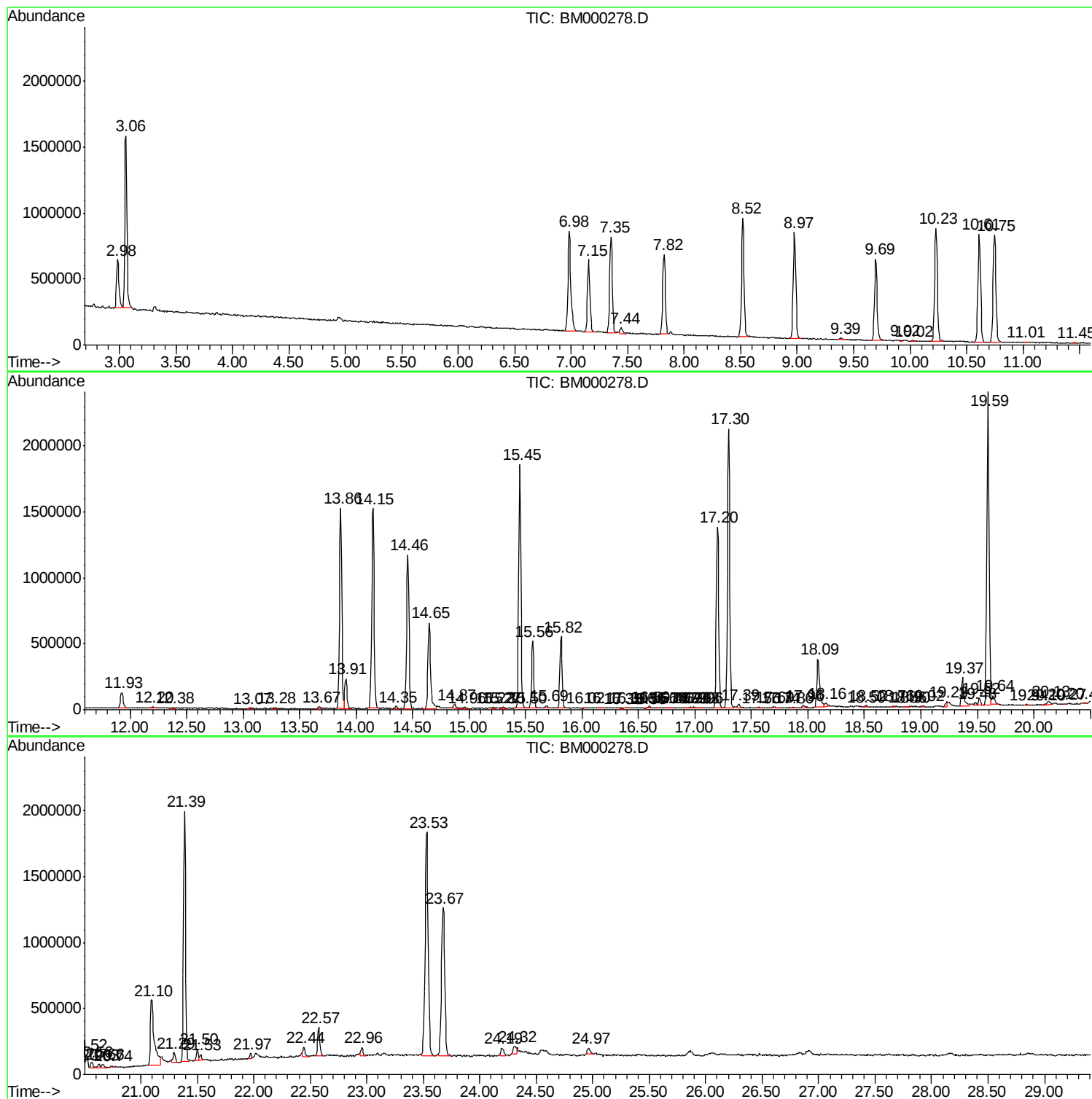
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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



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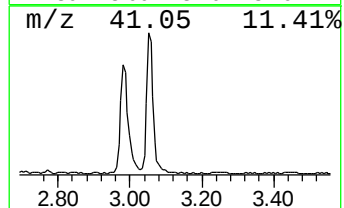
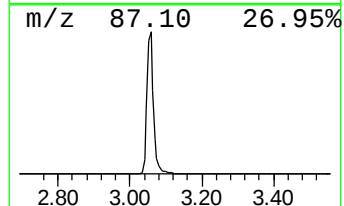
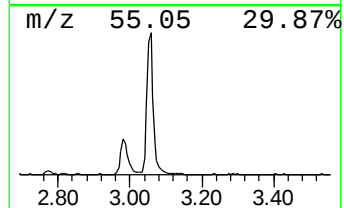
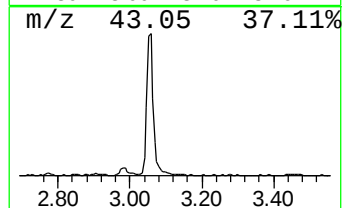
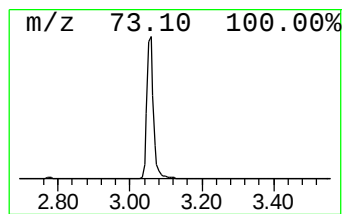
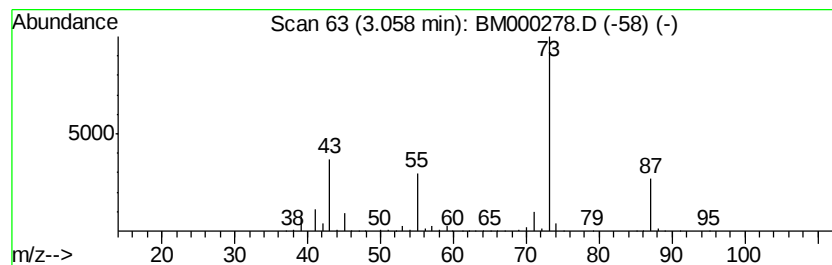
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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.
3.06	34.37 ng/ul	1647740	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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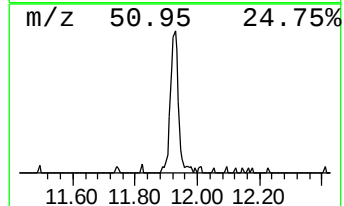
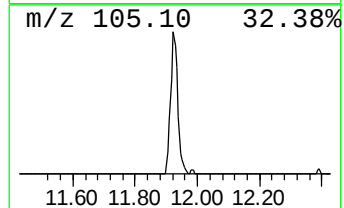
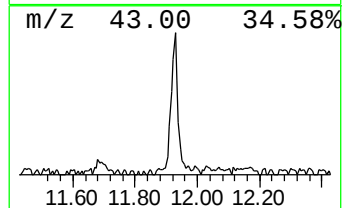
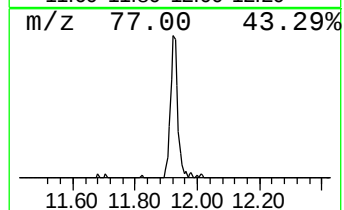
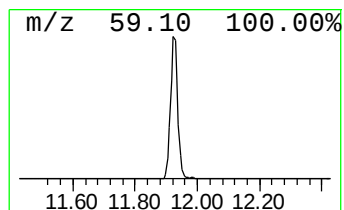
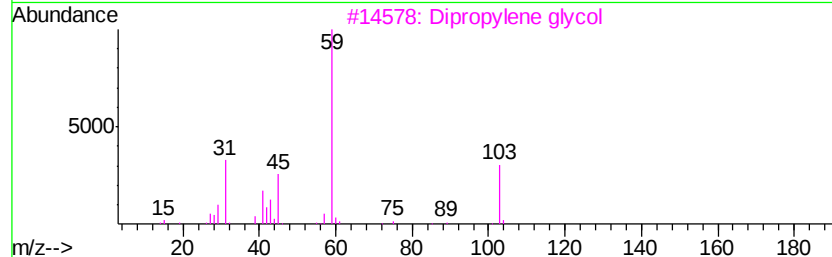
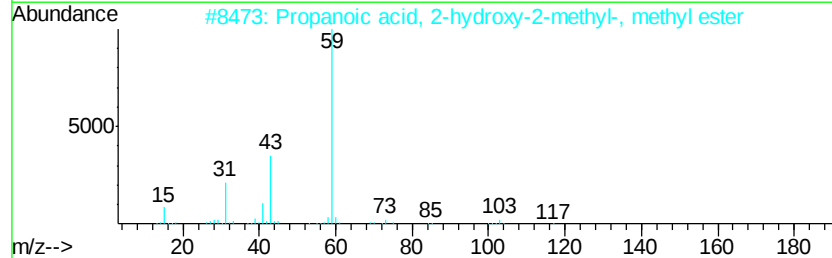
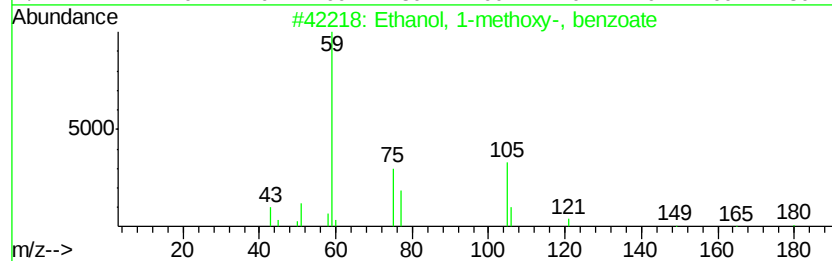
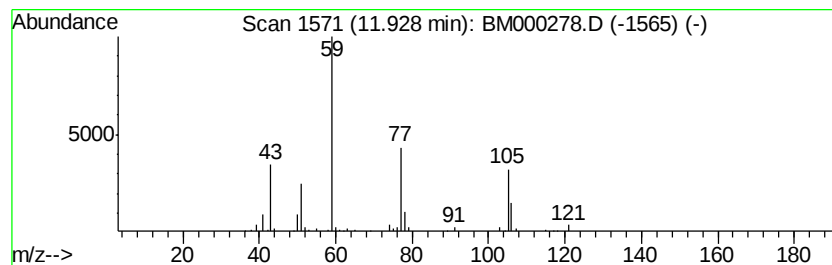
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.85 ng/ul	190884	Naphthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	33
2		Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	12
3		Dipropylene glycol	134	C6H14O3	025265-71-8	12
4		Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	12
5		Guanidine	59	CH5N3	000113-00-8	9



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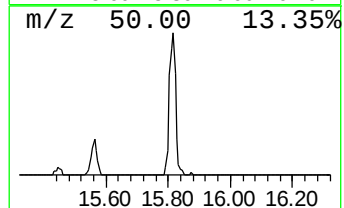
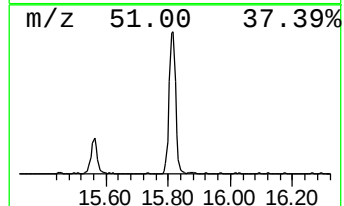
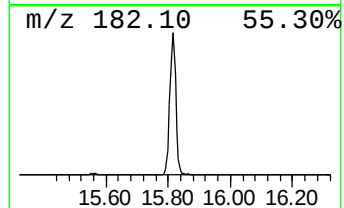
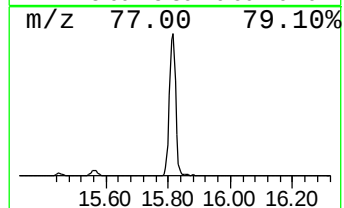
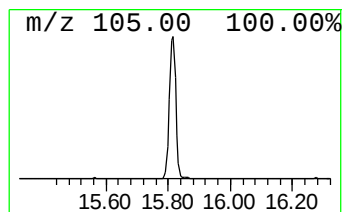
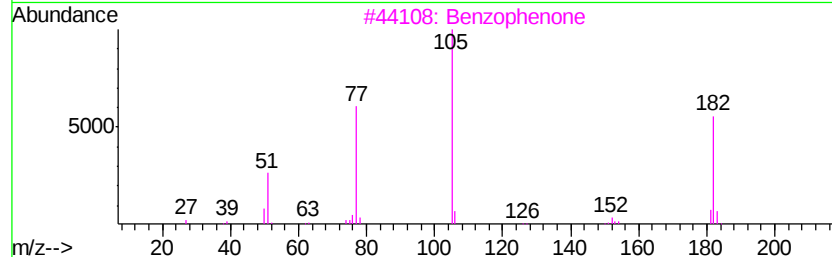
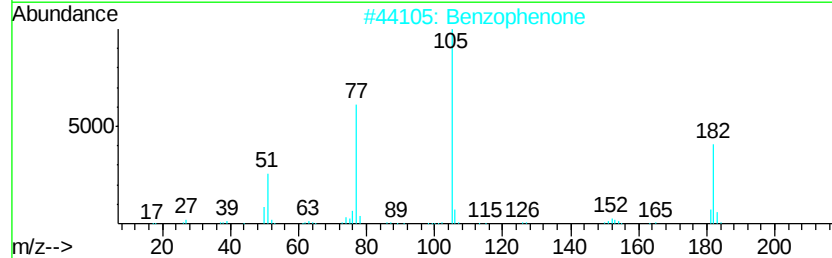
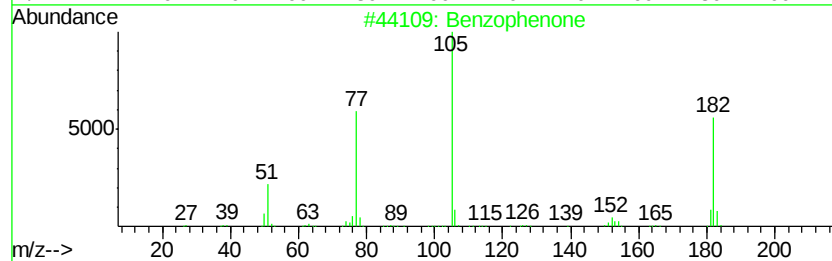
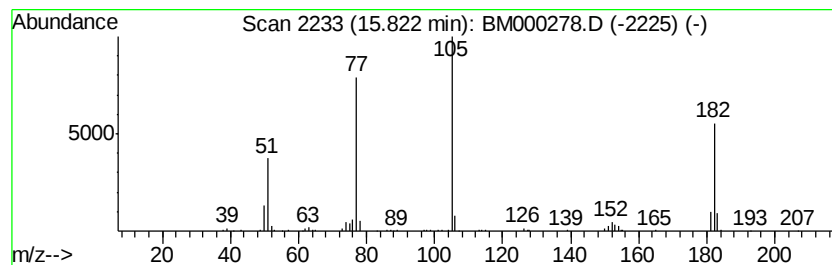
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	9.05 ng/ul	753685	Acenaphthene-d10	14.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	97
2	Benzophenone		182	C13H10O	000119-61-9	97
3	Benzophenone		182	C13H10O	000119-61-9	95
4	Benzophenone		182	C13H10O	000119-61-9	94
5	Benzophenone		182	C13H10O	000119-61-9	91



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ALS Vial : 19 Sample Multiplier: 1

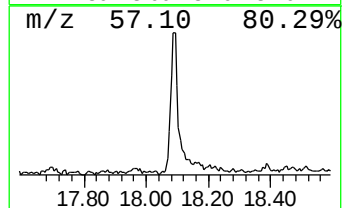
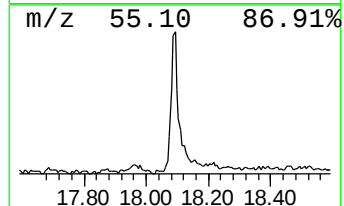
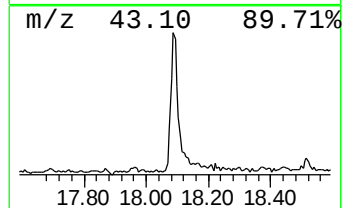
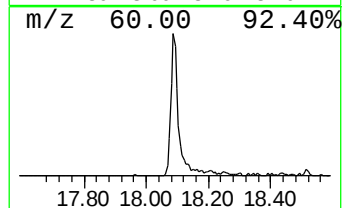
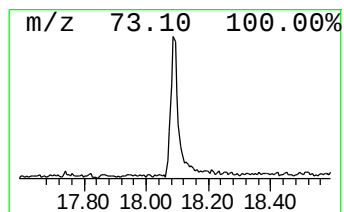
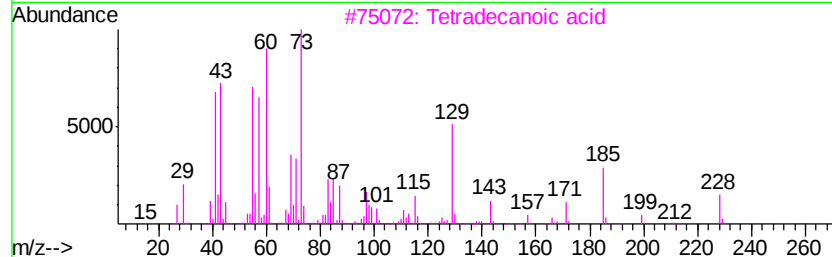
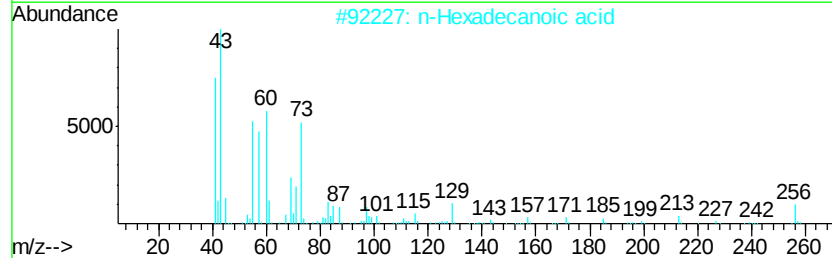
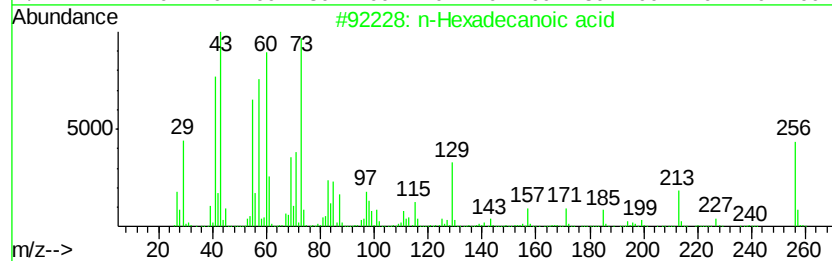
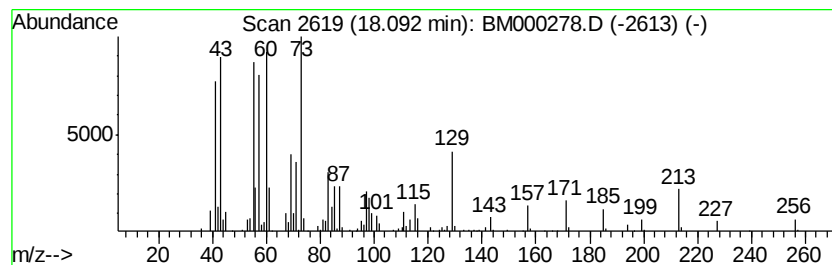
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.09	6.28 ng/ul	623425	Phenanthrene-d10		17.20
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000278.D
Acq On : 21 Jan 2015 00:33
Operator : TP/IZ
Sample : G1102-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ClientSampleId :
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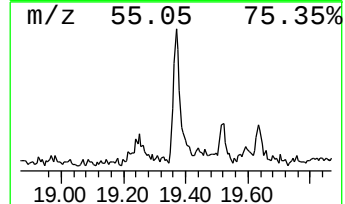
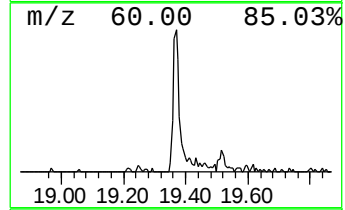
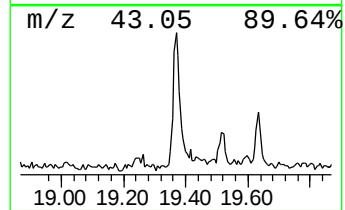
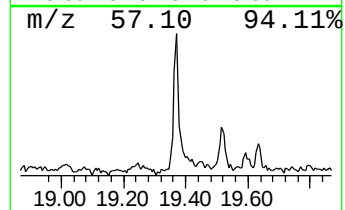
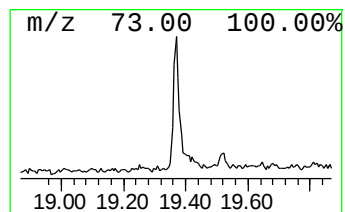
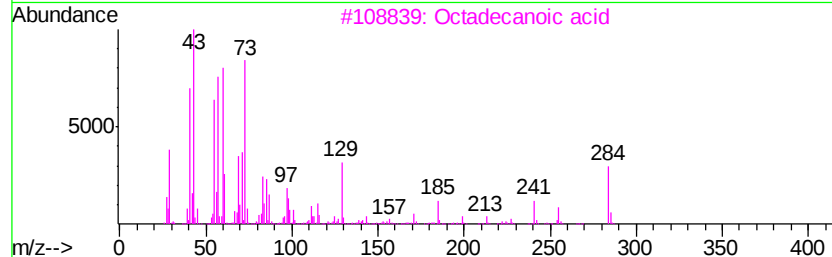
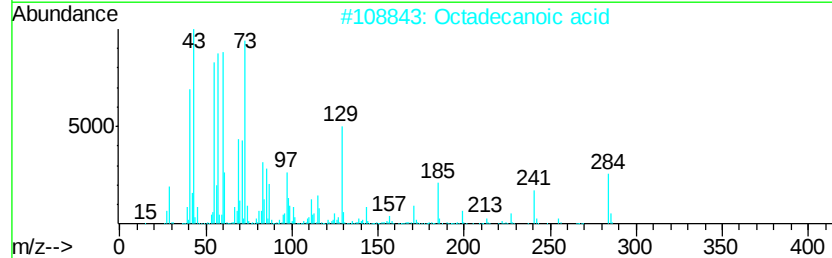
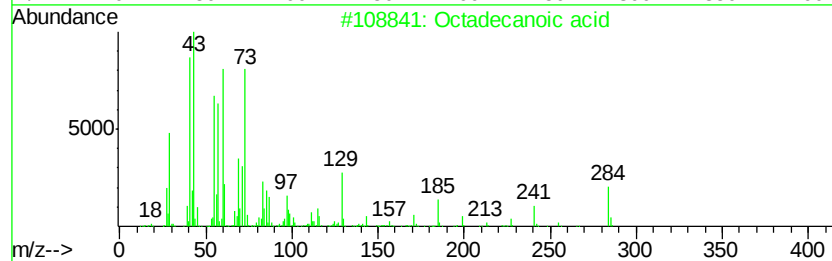
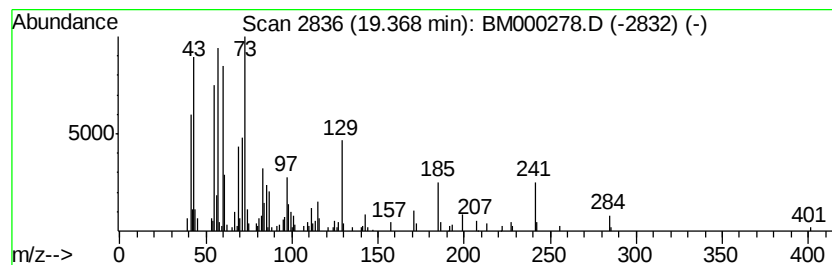
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.82 ng/ul	325628	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	94
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000278.D
Acq On : 21 Jan 2015 00:33
Operator : TP/IZ
Sample : G1102-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ClientSampled :
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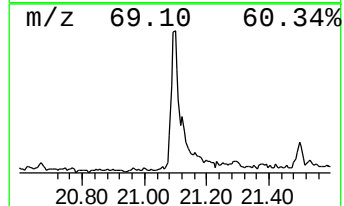
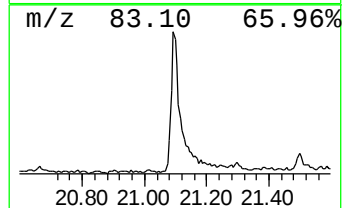
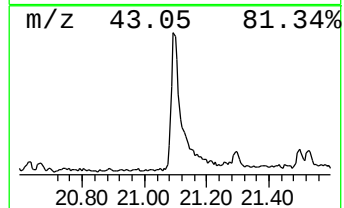
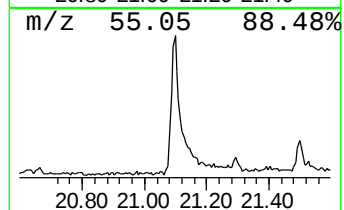
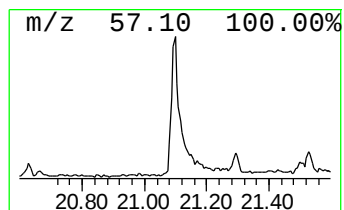
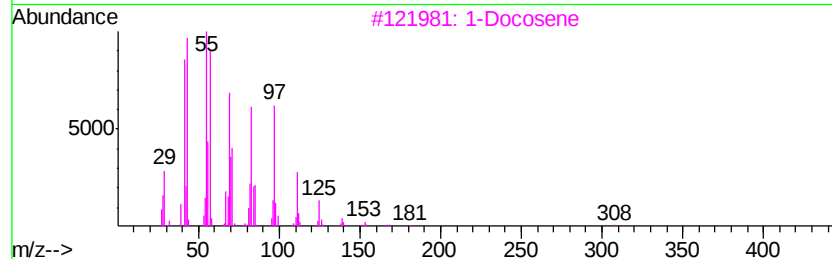
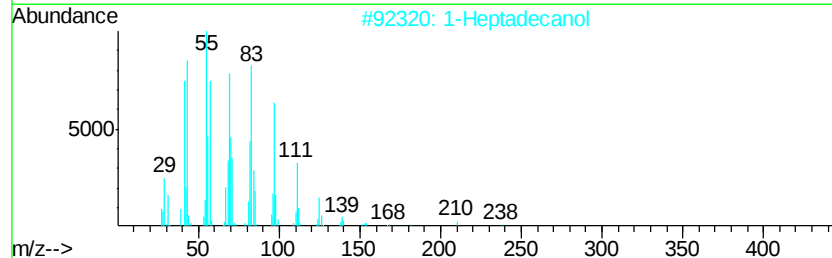
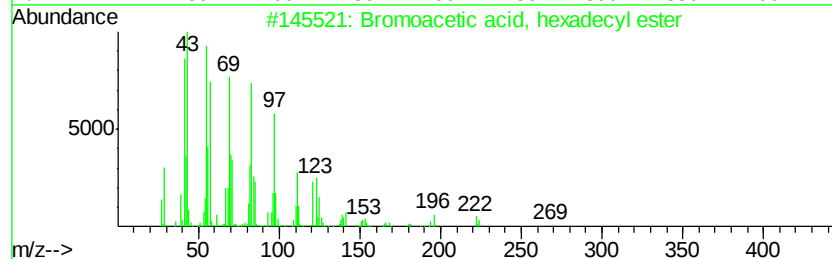
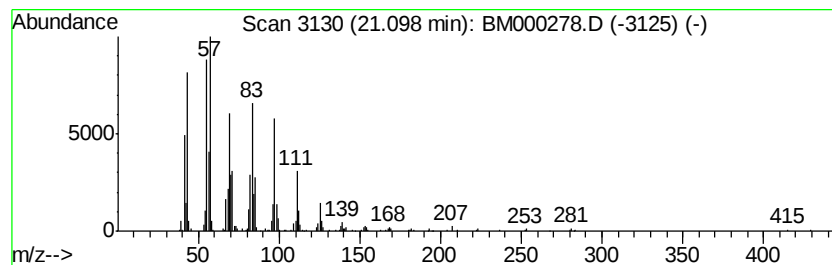
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Bromoacetic acid, hexadecyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	9.58 ng/ul	1104980	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
2		1-Heptadecanol	256	C17H36O	001454-85-9	91
3		1-Docosene	308	C22H44	001599-67-3	91
4		Cycloeicosane	280	C20H40	000296-56-0	91
5		17-Pentatriacontene	491	C35H70	006971-40-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000278.D
Acq On : 21 Jan 2015 00:33
Operator : TP/IZ
Sample : G1102-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ClientSampleId :
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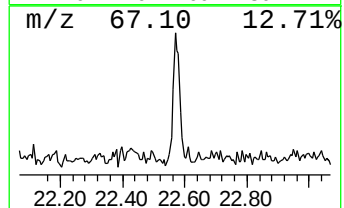
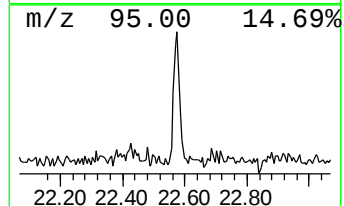
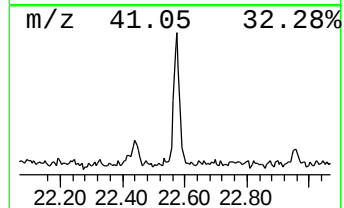
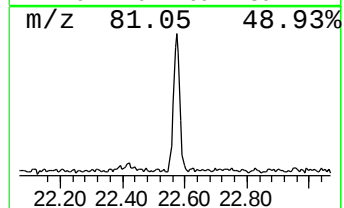
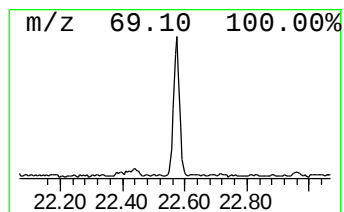
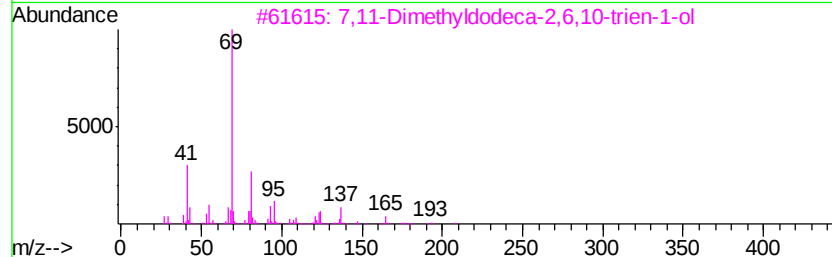
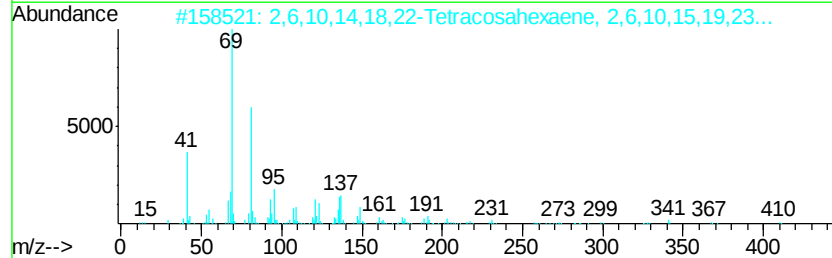
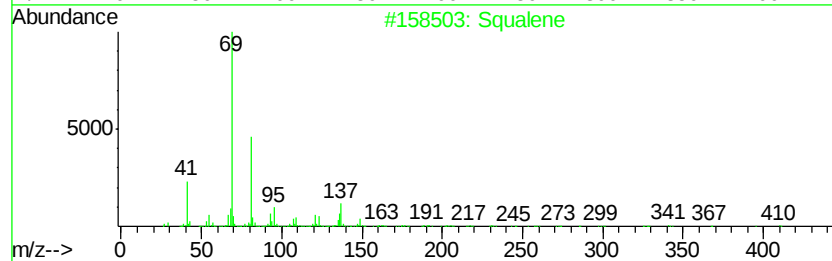
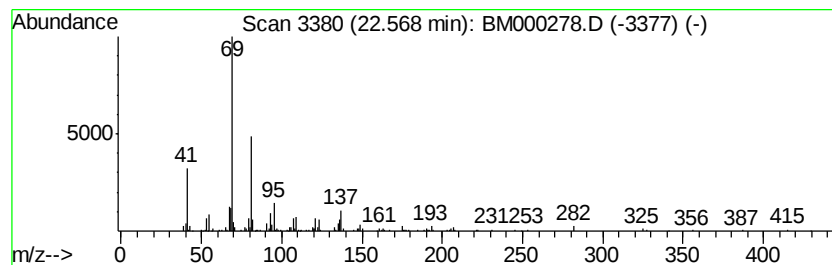
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	2.75 ng/ul	309996	Perylene-d12	23.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	72
2		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72
3		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
5		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
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Sample : G1102-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.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...	3.06	34.4	ng/ul	1647740	1	7.82	958791	20.0
unknown-01	11.93	2.9	ng/ul	190884	2	10.61	1341370	20.0
Benzophenone	15.82	9.1	ng/ul	753685	3	14.46	1665200	20.0
n-Hexadecanoic acid	18.09	6.3	ng/ul	623425	4	17.20	1986930	20.0
Octadecanoic acid	19.37	2.8	ng/ul	325628	5	21.39	2306720	20.0
Bromoacetic acid,...	21.10	9.6	ng/ul	1104980	5	21.39	2306720	20.0
Squalene	22.57	2.8	ng/ul	309996	6	23.67	2253650	20.0