

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
 Data File : BM000286.D
 Acq On : 21 Jan 2015 05:18
 Operator : TP/IZ
 Sample : G1102-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 C0AH6

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	374529	579683	18.50%	1.362%
2	3.057	58	63	73	rVB	1346100	1709565	54.55%	4.018%
3	6.981	724	730	743	rVB	762132	1300901	41.51%	3.057%
4	7.151	754	759	769	rVB	531690	847994	27.06%	1.993%
5	7.351	787	793	801	rVB	730955	1154273	36.83%	2.713%
6	7.439	805	808	814	rVB2	48295	67896	2.17%	0.160%
7	7.822	867	873	880	rVB	655210	1032290	32.94%	2.426%
8	8.516	985	991	1001	rVB	868247	1343665	42.87%	3.158%
9	8.975	1063	1069	1076	rBV	788730	1255144	40.05%	2.950%
10	9.310	1124	1126	1128	rBV	6673	4846	0.15%	0.011%
11	9.386	1136	1139	1147	rVV3	18091	31045	0.99%	0.073%
12	9.692	1185	1191	1202	rVB	575982	991355	31.63%	2.330%
13	10.227	1273	1282	1291	rBV	849456	1401103	44.71%	3.293%
14	10.610	1340	1347	1356	rVB	824354	1353469	43.19%	3.181%
15	10.745	1364	1370	1378	rBV2	125118	220826	7.05%	0.519%
16	11.074	1424	1426	1427	rBV	5044	3839	0.12%	0.009%
17	11.927	1564	1571	1577	rVB	85483	144712	4.62%	0.340%
18	12.086	1595	1598	1603	rVV3	2875	4475	0.14%	0.011%
19	12.198	1612	1617	1623	rVB3	13980	23948	0.76%	0.056%
20	12.539	1670	1675	1678	rBV3	2788	4894	0.16%	0.012%
21	13.192	1783	1786	1791	rBV3	2617	4794	0.15%	0.011%
22	13.274	1797	1800	1804	rVB4	11796	15214	0.49%	0.036%
23	13.610	1855	1857	1862	rBV4	2248	4264	0.14%	0.010%
24	13.668	1862	1867	1873	rVV2	49914	77633	2.48%	0.182%
25	13.710	1873	1874	1880	rVB5	3805	4903	0.16%	0.012%
26	13.862	1894	1900	1905	rVV	1408470	1950147	62.23%	4.583%
27	13.910	1905	1908	1914	rVB	222716	288650	9.21%	0.678%
28	14.151	1941	1949	1958	rBV	1444298	2202554	70.28%	5.176%
29	14.351	1979	1983	1987	rVV	17469	21520	0.69%	0.051%
30	14.457	1994	2001	2010	rBV	1091963	1581955	50.48%	3.718%
31	14.574	2019	2021	2024	rVB3	3244	3651	0.12%	0.009%
32	14.645	2027	2033	2044	rBV	580649	929955	29.67%	2.185%
33	14.727	2044	2047	2052	rVB4	15653	21999	0.70%	0.052%
34	14.809	2058	2061	2064	rVB3	3231	4186	0.13%	0.010%

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35	14.868	2066	2071	2076	rVV6	12586	21377	0.68%	0.050%
36	14.909	2076	2078	2082	rVB5	4388	4051	0.13%	0.010%
37	14.951	2082	2085	2088	rVB3	3709	4678	0.15%	0.011%
38	15.074	2104	2106	2112	rVB3	3123	3719	0.12%	0.009%
39	15.274	2135	2140	2143	rBV2	19081	28268	0.90%	0.066%
40	15.304	2143	2145	2148	rVV3	7615	6935	0.22%	0.016%
41	15.451	2163	2170	2178	rBV	1807541	2623111	83.70%	6.164%
42	15.562	2183	2189	2199	rBV	496079	694376	22.16%	1.632%
43	15.686	2206	2210	2216	rVB	20262	29932	0.96%	0.070%
44	15.815	2223	2232	2238	rBV	318233	445439	14.21%	1.047%
45	15.880	2240	2243	2246	rVB3	3406	4994	0.16%	0.012%
46	15.945	2249	2254	2258	rBV3	6691	10713	0.34%	0.025%
47	16.168	2288	2292	2293	rBV2	5342	7133	0.23%	0.017%
48	16.186	2293	2295	2299	rVB2	4702	3995	0.13%	0.009%
49	16.598	2357	2365	2366	rBV4	4570	9172	0.29%	0.022%
50	16.733	2386	2388	2391	rBV3	4034	5554	0.18%	0.013%
51	16.792	2396	2398	2403	rVB4	3325	4033	0.13%	0.009%
52	16.851	2403	2408	2412	rBV4	3692	7950	0.25%	0.019%
53	16.951	2421	2425	2429	rBV4	8151	12082	0.39%	0.028%
54	16.992	2429	2432	2434	rVB4	5212	5589	0.18%	0.013%
55	17.198	2460	2467	2474	rBV2	1305379	1865295	59.52%	4.384%
56	17.245	2474	2475	2478	rVV3	6938	4578	0.15%	0.011%
57	17.298	2478	2484	2494	rVV	1976475	2800886	89.37%	6.582%
58	17.380	2494	2498	2500	rVV5	5309	7081	0.23%	0.017%
59	17.480	2511	2515	2519	rBV4	5147	8218	0.26%	0.019%
60	17.568	2528	2530	2533	rBV3	5153	5672	0.18%	0.013%
61	17.668	2542	2547	2548	rBV2	2494	3919	0.13%	0.009%
62	17.692	2548	2551	2556	rVB3	5502	7986	0.25%	0.019%
63	17.733	2556	2558	2563	rBV3	2886	4108	0.13%	0.010%
64	17.850	2577	2578	2581	rBV3	3211	3822	0.12%	0.009%
65	17.968	2591	2598	2600	rBV4	7026	10788	0.34%	0.025%
66	18.086	2613	2618	2628	rBV	312872	490228	15.64%	1.152%
67	18.174	2631	2633	2637	rVB5	5766	7407	0.24%	0.017%
68	18.386	2665	2669	2674	rBV4	11339	18243	0.58%	0.043%
69	18.421	2674	2675	2679	rBV4	7378	8100	0.26%	0.019%
70	18.515	2688	2691	2693	rBV4	7412	10306	0.33%	0.024%
71	18.692	2718	2721	2723	rBV2	3257	3906	0.12%	0.009%

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72	18.762	2729	2733	2735	rBV5	5872	7813	0.25%	0.018%
73	18.850	2743	2748	2751	rBV6	5307	8223	0.26%	0.019%
74	18.909	2757	2758	2763	rBV4	6652	7469	0.24%	0.018%
75	19.021	2773	2777	2781	rVB4	14479	17995	0.57%	0.042%
76	19.127	2793	2795	2798	rVB4	6045	5845	0.19%	0.014%
77	19.156	2799	2800	2803	rVB3	4836	4012	0.13%	0.009%
78	19.192	2803	2806	2807	rBV3	3687	5044	0.16%	0.012%
79	19.227	2808	2812	2815	rBV	33469	51296	1.64%	0.121%
80	19.309	2823	2826	2827	rBV3	4738	4249	0.14%	0.010%
81	19.368	2830	2836	2847	rBV	223887	348523	11.12%	0.819%
82	19.480	2852	2855	2859	rVV3	21179	23636	0.75%	0.056%
83	19.592	2866	2874	2880	rBV	2202804	3080887	98.30%	7.240%
84	19.768	2900	2904	2906	rBV4	8854	12547	0.40%	0.029%
85	19.903	2925	2927	2930	rBV4	5928	5308	0.17%	0.012%
86	20.133	2961	2966	2970	rBV6	27194	46805	1.49%	0.110%
87	20.627	3047	3050	3053	rBV5	20662	31698	1.01%	0.074%
88	20.903	3095	3097	3098	rBV2	8202	5533	0.18%	0.013%
89	21.056	3119	3123	3124	rBV4	12294	14173	0.45%	0.033%
90	21.097	3124	3130	3143	rBV	479871	1137964	36.31%	2.674%
91	21.386	3173	3179	3187	rBV	1684554	2174352	69.38%	5.110%
92	21.497	3195	3198	3201	rBV4	82713	90152	2.88%	0.212%
93	21.527	3201	3203	3207	rVB5	23314	26732	0.85%	0.063%
94	21.968	3276	3278	3282	rBV5	19632	18102	0.58%	0.043%
95	22.444	3355	3359	3364	rVB5	44916	71881	2.29%	0.169%
96	22.574	3378	3381	3385	rBV5	46845	64631	2.06%	0.152%
97	22.956	3444	3446	3453	rVB6	47119	68660	2.19%	0.161%
98	23.532	3536	3544	3555	rBV2	1653732	3134016	100.00%	7.365%
99	23.674	3561	3568	3577	rVB2	1055626	2035887	64.96%	4.784%
100	24.315	3670	3677	3687	rBV2	74872	267965	8.55%	0.630%

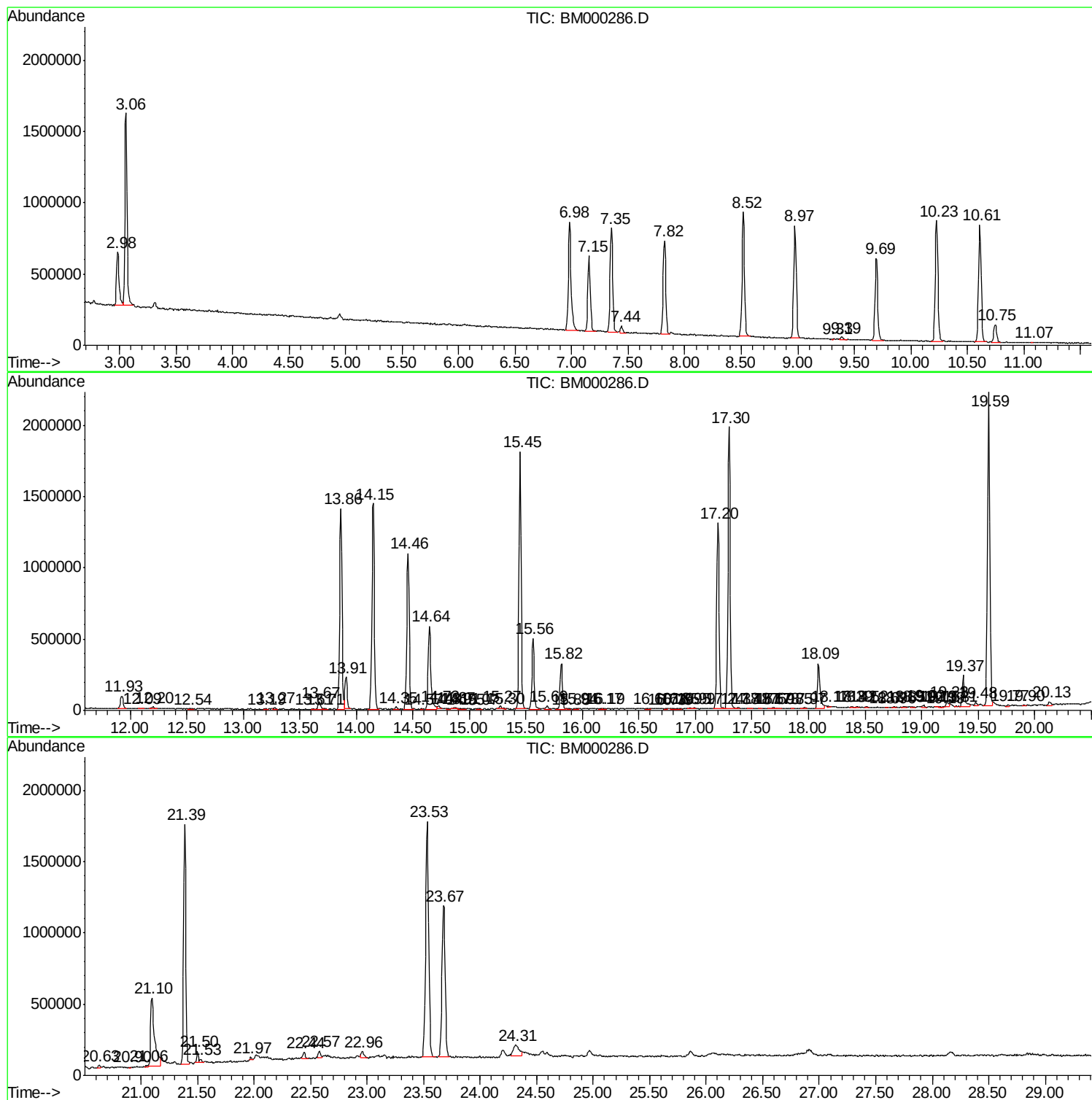
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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



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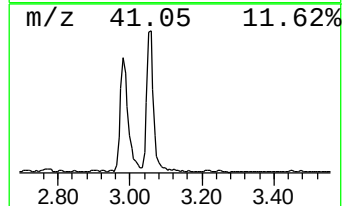
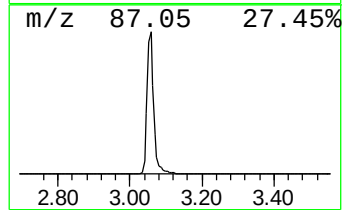
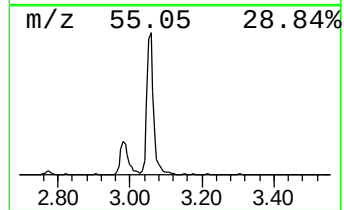
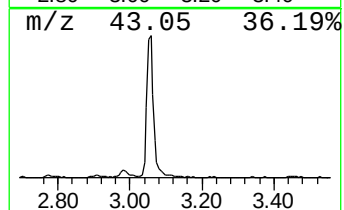
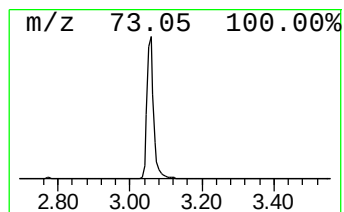
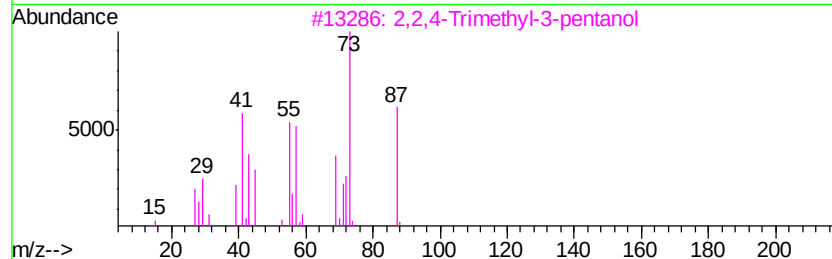
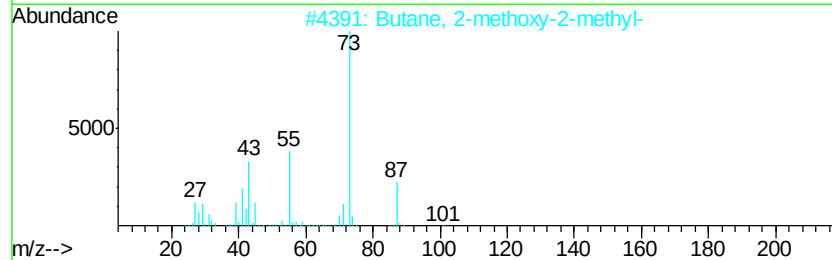
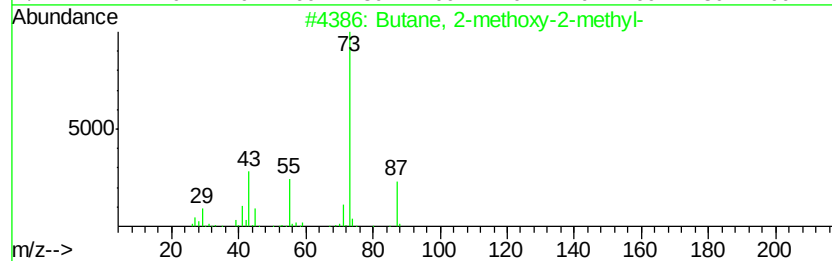
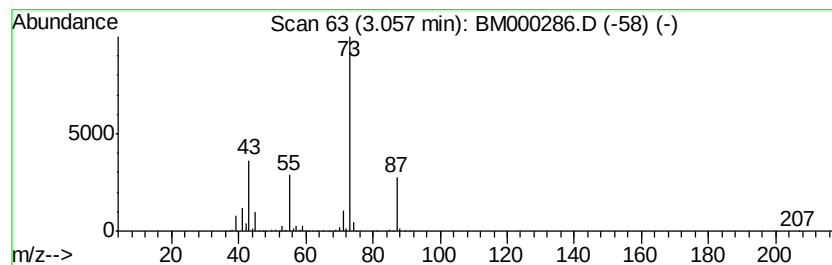
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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	33.12 ng/ul	1709570	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	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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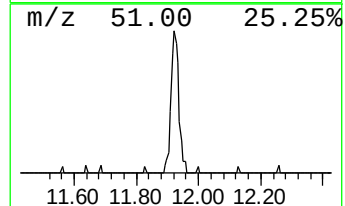
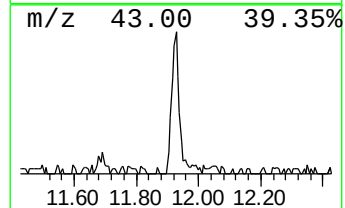
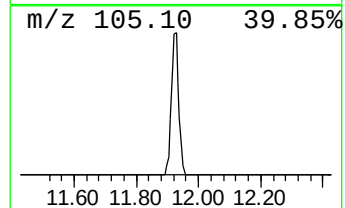
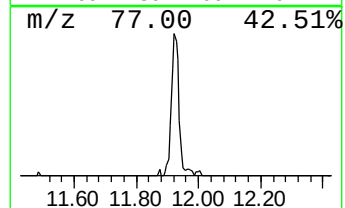
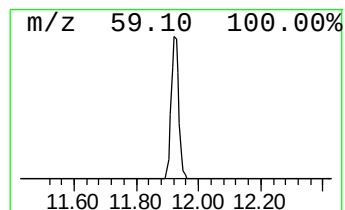
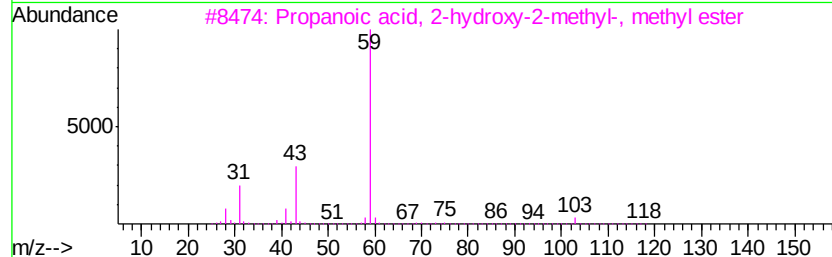
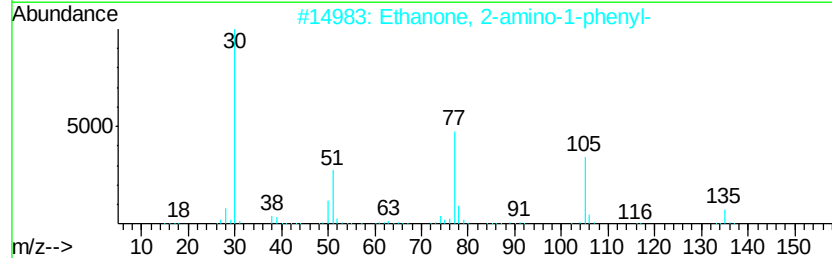
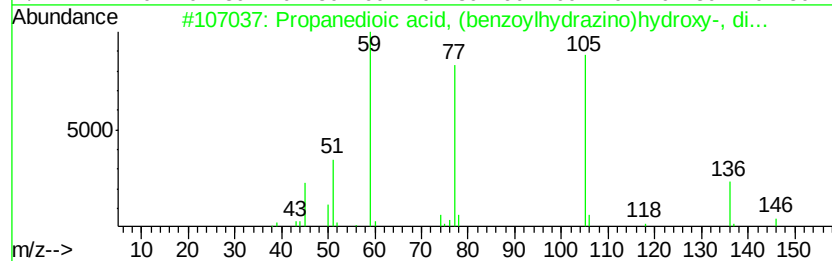
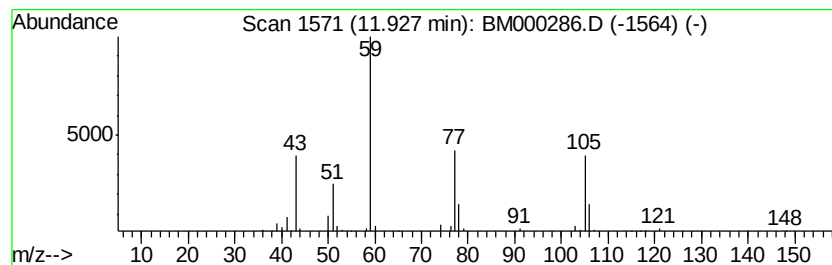
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.14 ng/ul	144712	Naphthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	42
2		Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	32
3		Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	17
4		Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	17
5		Methane, diethoxy-	104	C5H12O2	000462-95-3	9



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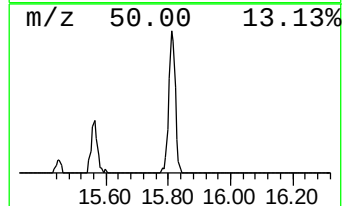
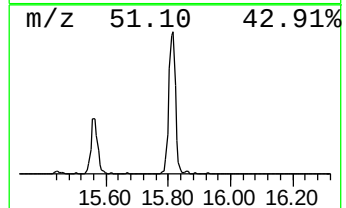
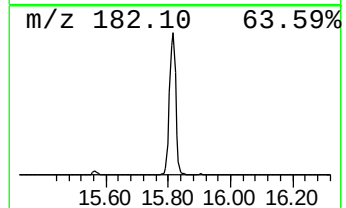
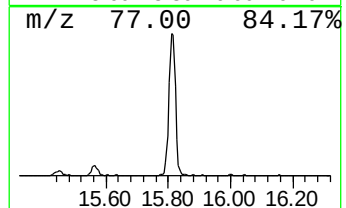
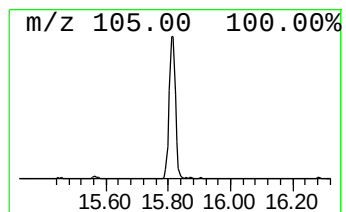
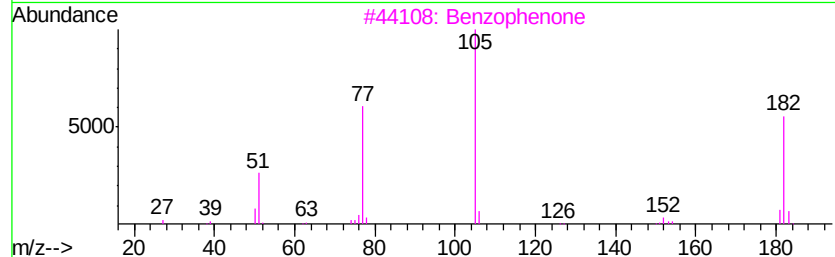
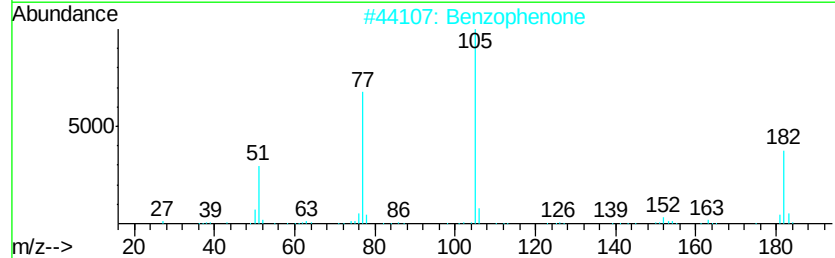
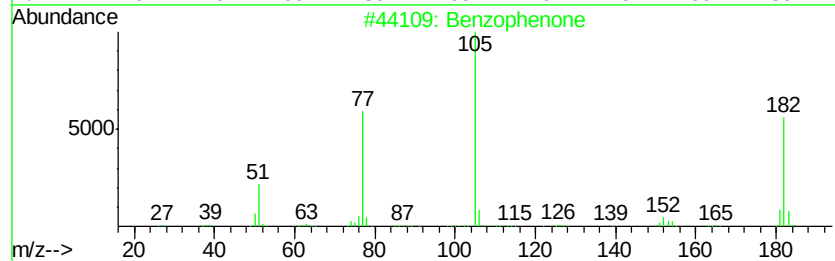
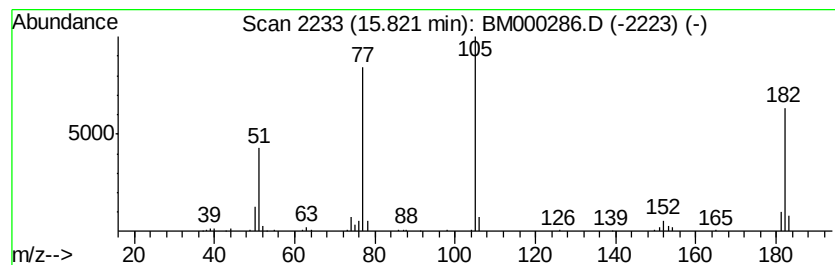
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	5.63 ng/ul	445439	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	95
3	Benzophenone		182	C13H10O	000119-61-9	95
4	Benzophenone		182	C13H10O	000119-61-9	95
5	Benzophenone		182	C13H10O	000119-61-9	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000286.D
Acq On : 21 Jan 2015 05:18
Operator : TP/IZ
Sample : G1102-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

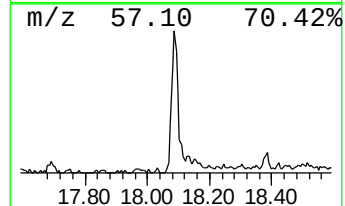
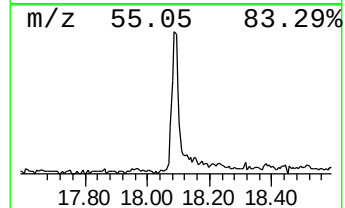
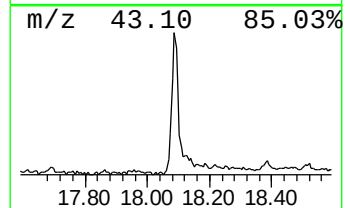
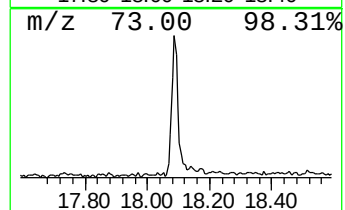
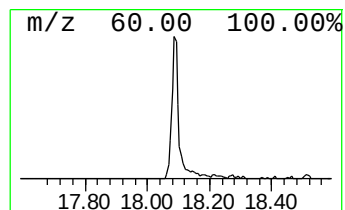
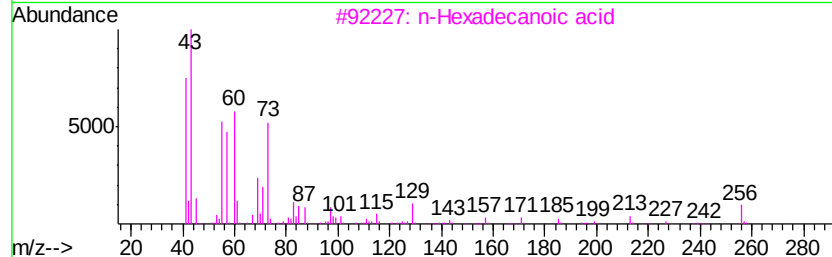
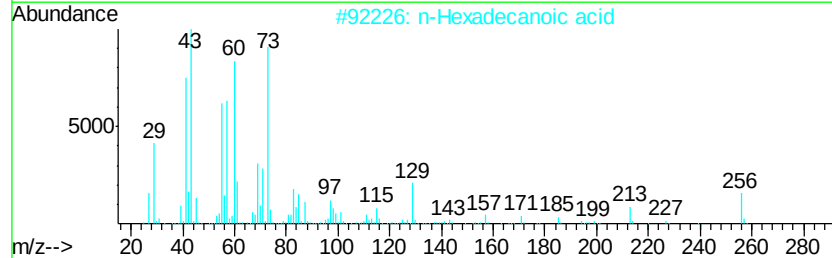
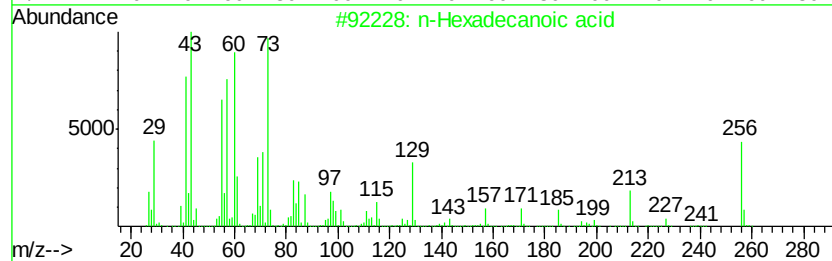
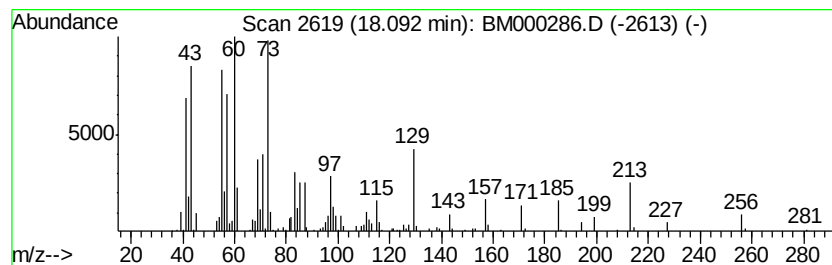
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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	5.26 ng/ul	490228	Phenanthrene-d10	17.20	
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	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Undecanoic acid	186	C11H22O2	000112-37-8	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000286.D
Acq On : 21 Jan 2015 05:18
Operator : TP/IZ
Sample : G1102-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

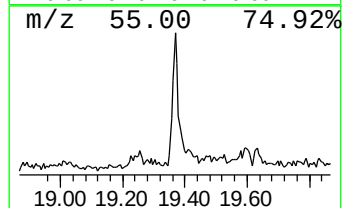
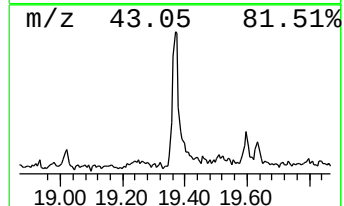
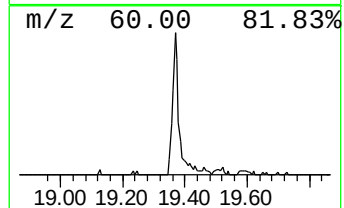
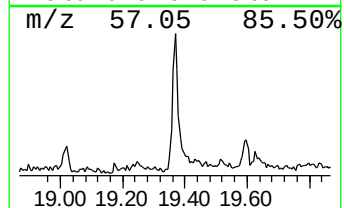
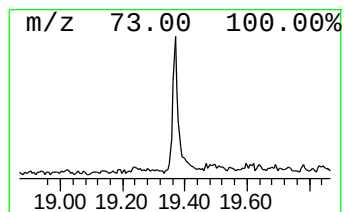
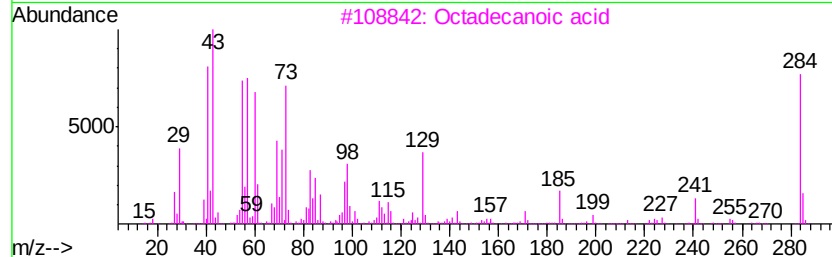
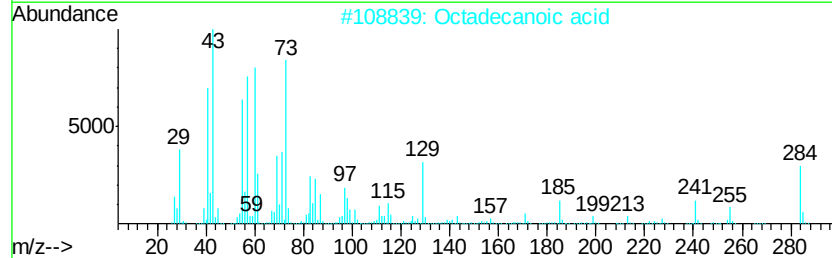
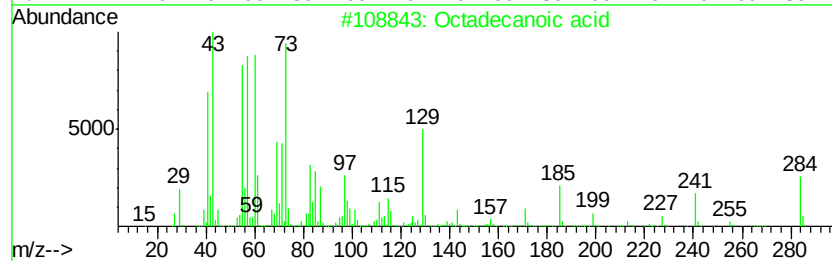
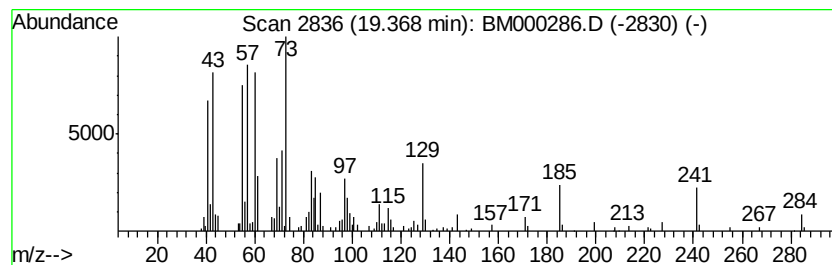
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.37	3.21 ng/ul	348523	Chrysene-d12	21.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	92
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000286.D
Acq On : 21 Jan 2015 05:18
Operator : TP/IZ
Sample : G1102-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ClientSampled :
C0AH6

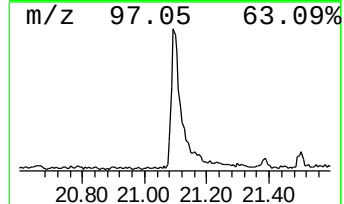
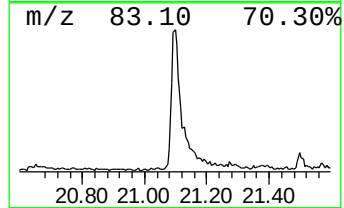
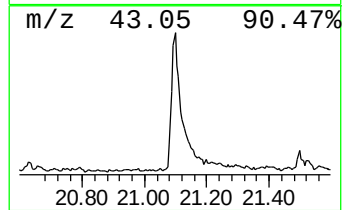
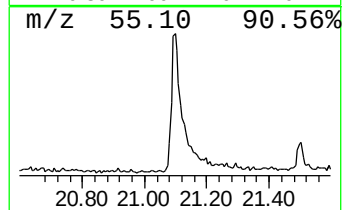
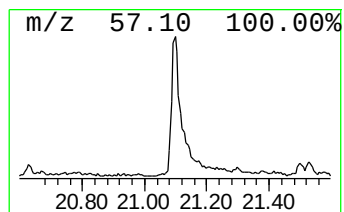
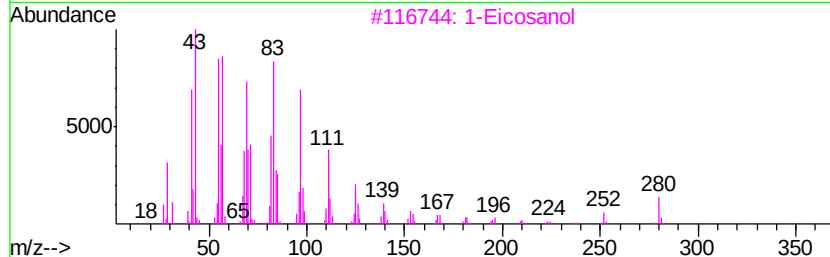
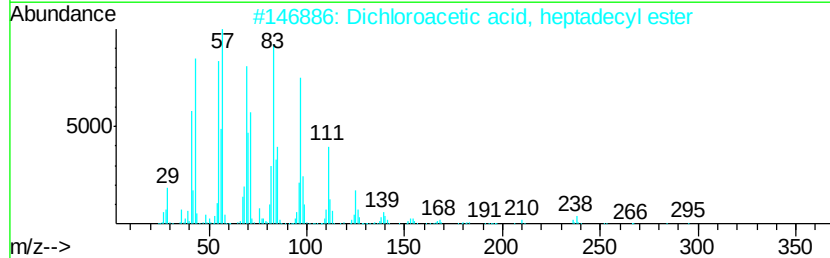
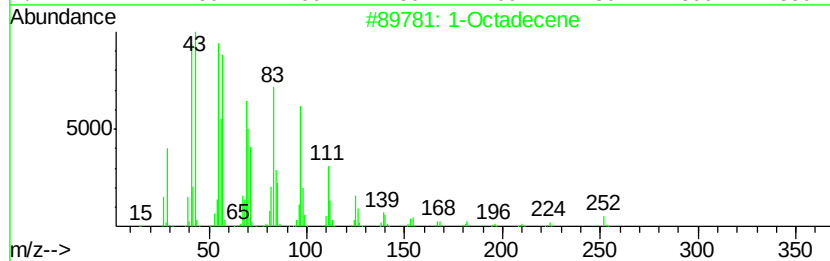
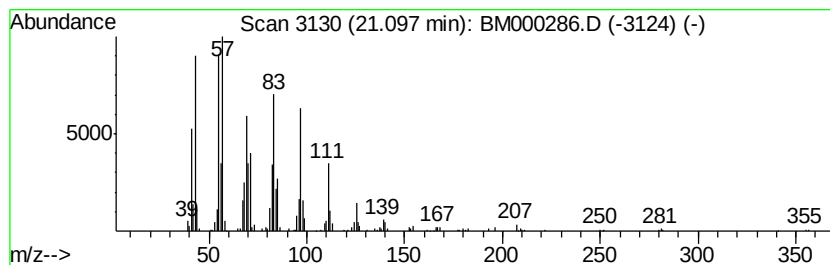
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	10.47 ng/ul	1137960	Chrysene-d12	21.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene		252	C18H36	000112-88-9	93
2	Dichloroacetic acid, heptadecyl ...		366	C19H36Cl2O2	1000282-98-2	91
3	1-Eicosanol		298	C20H42O	000629-96-9	91
4	1-Tricosene		322	C23H46	018835-32-0	91
5	1-Heneicosyl formate		340	C22H44O2	077899-03-7	91



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Acq On : 21 Jan 2015 05:18
Operator : TP/IZ
Sample : G1102-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ClientSampled :
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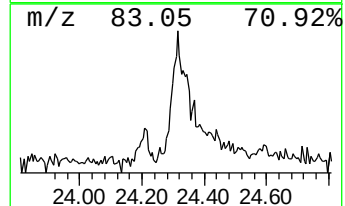
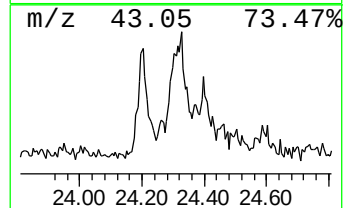
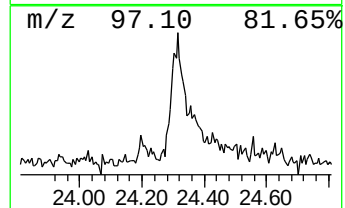
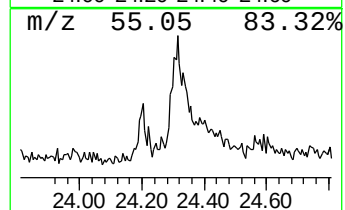
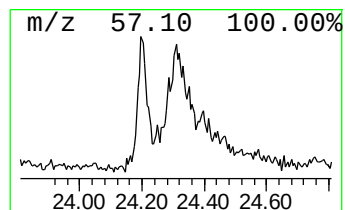
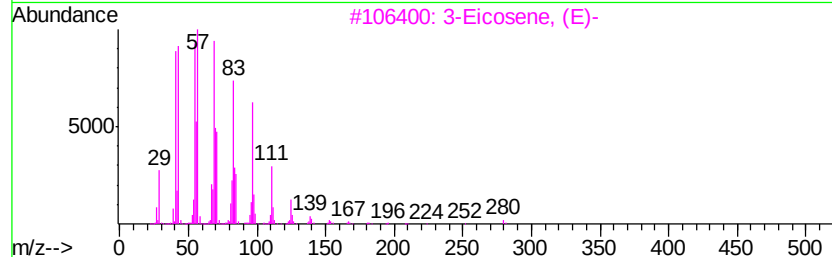
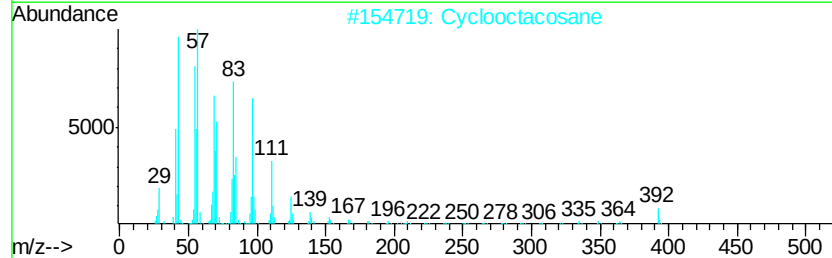
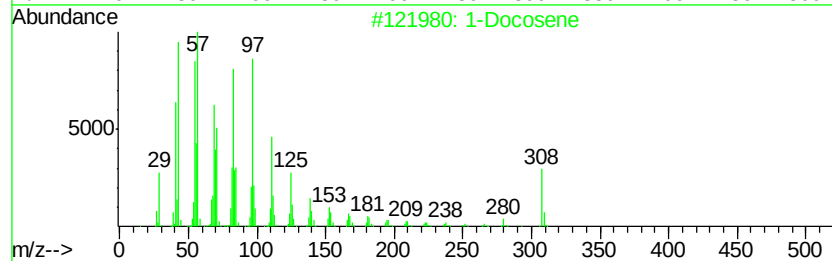
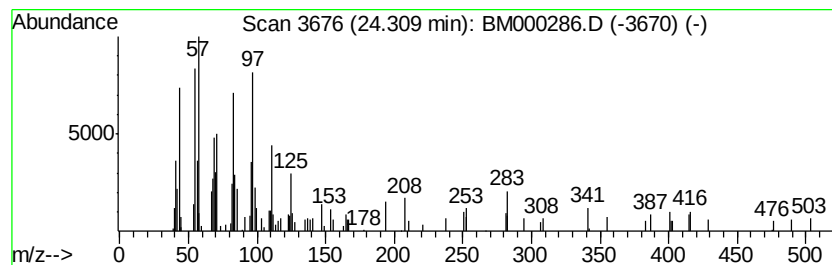
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.31	2.63 ng/ul	267965	Perylene-d12	23.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	64
2		Cyclooctacosane	392	C28H56	000297-24-5	52
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	52
4		1-Docosene	308	C22H44	001599-67-3	50
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	50



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Sample : G1102-18
Misc :
ALS Vial : 27 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	33.1	ng/ul	1709570	1	7.82	1032290	20.0
unknown-01	11.93	2.1	ng/ul	144712	2	10.61	1353470	20.0
Benzophenone	15.82	5.6	ng/ul	445439	3	14.46	1581960	20.0
n-Hexadecanoic acid	18.09	5.3	ng/ul	490228	4	17.20	1865300	20.0
Octadecanoic acid	19.37	3.2	ng/ul	348523	5	21.39	2174350	20.0
(DEL) Alkane: Cyclic	21.10	10.5	ng/ul	1137960	5	21.39	2174350	20.0
(DEL) Alkane: Cyclic	24.31	2.6	ng/ul	267965	6	23.67	2035890	20.0