

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
 Data File : BM000287.D
 Acq On : 21 Jan 2015 05:53
 Operator : TP/IZ
 Sample : G1102-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 C0AR9

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	59	rBV	285495	456853	15.70%	1.102%
2	3.057	59	63	76	rVB	1051788	1331910	45.78%	3.214%
3	6.981	724	730	740	rBV2	690283	1225284	42.12%	2.957%
4	7.151	754	759	771	rVB	474510	757104	26.02%	1.827%
5	7.351	787	793	802	rVV	645546	1039745	35.74%	2.509%
6	7.439	805	808	816	rVB3	45872	78356	2.69%	0.189%
7	7.822	867	873	879	rVV	663972	1067466	36.69%	2.576%
8	7.875	879	882	889	rVB	46970	73029	2.51%	0.176%
9	8.516	985	991	998	rVB	785017	1233163	42.39%	2.976%
10	8.975	1062	1069	1077	rVB	717172	1159523	39.86%	2.798%
11	9.692	1184	1191	1203	rVV	554907	941965	32.38%	2.273%
12	9.775	1203	1205	1208	rVB2	5840	5075	0.17%	0.012%
13	9.986	1239	1241	1244	rVB2	5263	3210	0.11%	0.008%
14	10.228	1275	1282	1294	rBV	772419	1275243	43.83%	3.077%
15	10.610	1340	1347	1354	rVB	848048	1437429	49.41%	3.469%
16	10.745	1363	1370	1382	rBV	669188	1135200	39.02%	2.740%
17	10.910	1396	1398	1402	rVV2	3113	3872	0.13%	0.009%
18	11.080	1425	1427	1432	rVB4	3736	5016	0.17%	0.012%
19	11.539	1501	1505	1506	rBV2	2712	3920	0.13%	0.009%
20	11.763	1538	1543	1545	rBV3	2963	3969	0.14%	0.010%
21	11.816	1550	1552	1556	rVB2	3441	4535	0.16%	0.011%
22	11.922	1566	1570	1576	rVV2	20117	38366	1.32%	0.093%
23	12.198	1612	1617	1621	rVV4	9811	15934	0.55%	0.038%
24	12.539	1673	1675	1678	rVB2	3394	3157	0.11%	0.008%
25	12.798	1714	1719	1720	rVB3	3382	3709	0.13%	0.009%
26	12.816	1720	1722	1724	rBV2	3525	3612	0.12%	0.009%
27	13.063	1759	1764	1765	rBV3	2948	4142	0.14%	0.010%
28	13.274	1797	1800	1805	rVB3	10166	13032	0.45%	0.031%
29	13.439	1823	1828	1830	rVV3	2886	4300	0.15%	0.010%
30	13.504	1834	1839	1841	rBV2	2389	4036	0.14%	0.010%
31	13.669	1862	1867	1878	rBV	317670	483413	16.62%	1.167%
32	13.863	1894	1900	1905	rBV	1323758	1811005	62.25%	4.370%
33	13.910	1905	1908	1913	rVV	152686	198502	6.82%	0.479%
34	14.063	1931	1934	1939	rVB4	3171	3277	0.11%	0.008%

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 Title : SVOA CALIBRATION

35	14.151	1942	1949	1957	rVV	1355948	2048205	70.40%	4.943%
36	14.351	1979	1983	1986	rVV4	14081	21108	0.73%	0.051%
37	14.457	1994	2001	2013	rBV	1250813	1820711	62.58%	4.394%
38	14.645	2027	2033	2043	rBV	586391	930039	31.97%	2.244%
39	14.727	2045	2047	2053	rVB4	12419	15399	0.53%	0.037%
40	14.845	2063	2067	2068	rVV3	3639	4431	0.15%	0.011%
41	14.874	2068	2072	2076	rVB5	10421	15471	0.53%	0.037%
42	15.268	2136	2139	2141	rBV3	4531	4223	0.15%	0.010%
43	15.304	2141	2145	2148	rVB3	6859	8883	0.31%	0.021%
44	15.451	2163	2170	2179	rBV	1623136	2430762	83.55%	5.866%
45	15.563	2183	2189	2195	rBV	494254	663123	22.79%	1.600%
46	15.692	2206	2211	2214	rBV4	18143	26766	0.92%	0.065%
47	15.815	2226	2232	2236	rBV	84940	119295	4.10%	0.288%
48	15.921	2248	2250	2253	rBV3	2755	3455	0.12%	0.008%
49	16.027	2264	2268	2270	rVB4	3030	3527	0.12%	0.009%
50	16.098	2277	2280	2283	rBV4	6517	8072	0.28%	0.019%
51	16.145	2286	2288	2290	rBV3	3438	4254	0.15%	0.010%
52	16.357	2322	2324	2327	rVB2	4155	4507	0.15%	0.011%
53	16.404	2327	2332	2334	rBV5	6162	9065	0.31%	0.022%
54	16.433	2334	2337	2341	rVB4	3989	5289	0.18%	0.013%
55	16.586	2357	2363	2368	rBV7	6184	11779	0.40%	0.028%
56	16.651	2372	2374	2375	rBV2	4018	3795	0.13%	0.009%
57	16.957	2420	2426	2427	rBV3	5417	6078	0.21%	0.015%
58	16.992	2427	2432	2438	rVB4	5945	13458	0.46%	0.032%
59	17.198	2460	2467	2475	rBV2	1463988	2086660	71.72%	5.036%
60	17.298	2477	2484	2493	rVB2	1825732	2615305	89.90%	6.311%
61	17.480	2512	2515	2519	rVB4	6986	6665	0.23%	0.016%
62	17.686	2548	2550	2553	rBV2	3859	3985	0.14%	0.010%
63	17.851	2577	2578	2583	rVB4	2645	3335	0.11%	0.008%
64	18.086	2610	2618	2628	rBV	212309	327611	11.26%	0.791%
65	18.427	2674	2676	2679	rVB4	4027	4225	0.15%	0.010%
66	18.592	2701	2704	2706	rVB4	2895	3583	0.12%	0.009%
67	18.609	2706	2707	2713	rVB4	2606	4204	0.14%	0.010%
68	18.680	2717	2719	2721	rVB2	4109	3183	0.11%	0.008%
69	18.751	2729	2731	2738	rVB8	5644	8342	0.29%	0.020%
70	18.827	2741	2744	2745	rBV3	3929	3113	0.11%	0.008%
71	18.856	2747	2749	2752	rBV4	4154	4237	0.15%	0.010%

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72	18.980	2766	2770	2773	rBV6	3600	4529	0.16%	0.011%
73	19.009	2773	2775	2776	rBV2	6873	4847	0.17%	0.012%
74	19.133	2791	2796	2801	rBV	32851	47932	1.65%	0.116%
75	19.227	2805	2812	2813	rBV2	29338	39637	1.36%	0.096%
76	19.245	2813	2815	2829	rVB7	32117	58442	2.01%	0.141%
77	19.368	2831	2836	2845	rBV3	93884	149184	5.13%	0.360%
78	19.480	2851	2855	2859	rBV	16353	24584	0.85%	0.059%
79	19.515	2859	2861	2867	rVB6	30653	34795	1.20%	0.084%
80	19.592	2868	2874	2880	rVV	2181749	2909278	100.00%	7.021%
81	19.633	2880	2881	2887	rVB4	25319	30805	1.06%	0.074%
82	19.727	2895	2897	2899	rBV2	5038	4964	0.17%	0.012%
83	19.997	2940	2943	2945	rBV4	4570	5005	0.17%	0.012%
84	20.133	2961	2966	2970	rBV5	17794	33138	1.14%	0.080%
85	20.280	2989	2991	2993	rVB3	6452	3898	0.13%	0.009%
86	20.450	3018	3020	3021	rBV2	6490	5199	0.18%	0.013%
87	20.486	3024	3026	3028	rBV3	6143	5663	0.19%	0.014%
88	20.562	3036	3039	3043	rVB5	23631	23342	0.80%	0.056%
89	20.627	3046	3050	3053	rBV5	17363	24166	0.83%	0.058%
90	20.739	3065	3069	3073	rBV5	14570	24740	0.85%	0.060%
91	21.056	3121	3123	3124	rVB	11421	6780	0.23%	0.016%
92	21.092	3124	3129	3142	rBV	393246	981849	33.75%	2.369%
93	21.386	3173	3179	3187	rBV	1869151	2395341	82.33%	5.781%
94	21.497	3194	3198	3201	rBV3	94662	117757	4.05%	0.284%
95	21.968	3275	3278	3281	rVB4	31156	34050	1.17%	0.082%
96	22.439	3354	3358	3362	rVB5	51934	81933	2.82%	0.198%
97	22.574	3377	3381	3386	rVB3	55748	70811	2.43%	0.171%
98	23.527	3536	3543	3555	rVB2	1478418	2855541	98.15%	6.891%
99	23.674	3561	3568	3579	rVB2	1178570	2283655	78.50%	5.511%
100	24.197	3653	3657	3663	rVB4	48565	91554	3.15%	0.221%

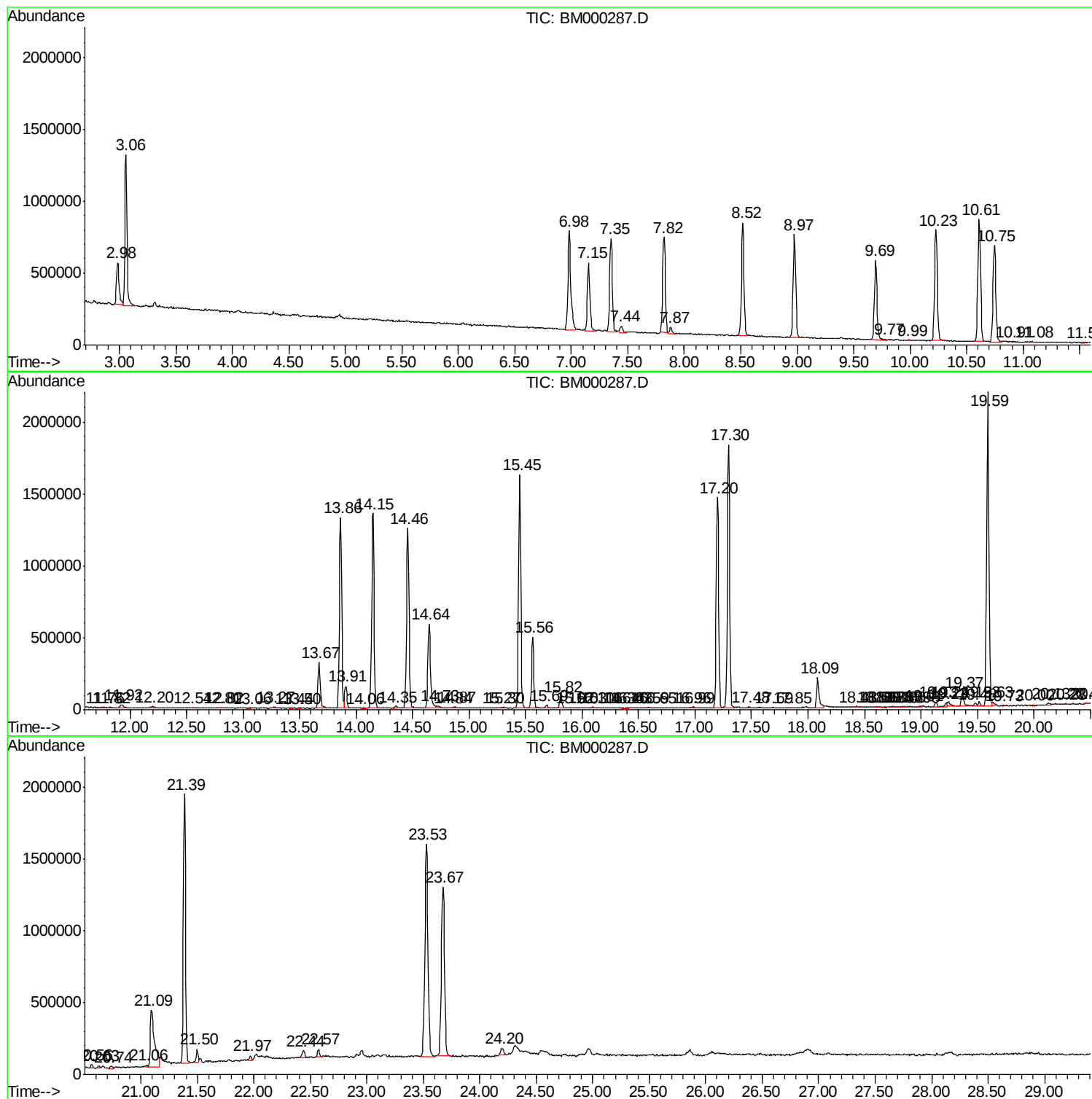
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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



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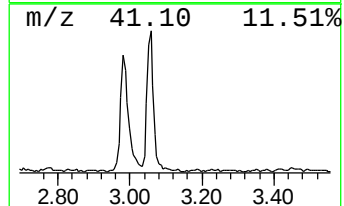
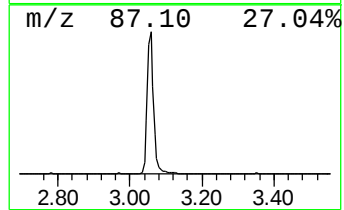
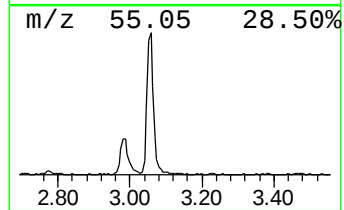
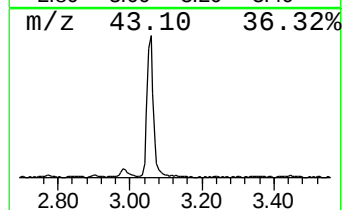
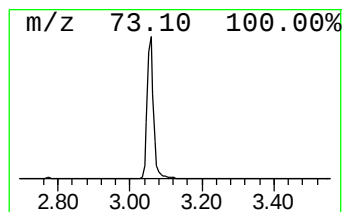
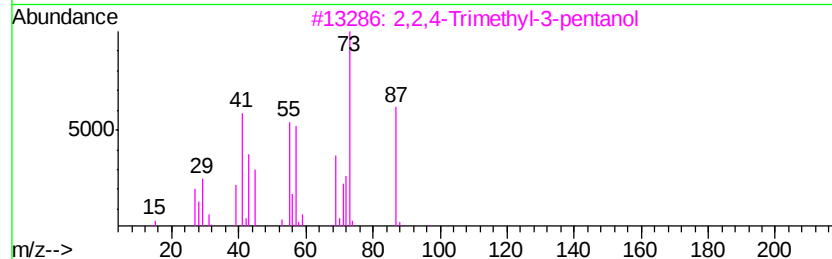
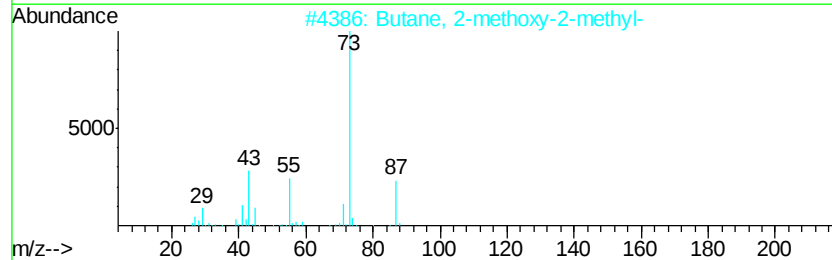
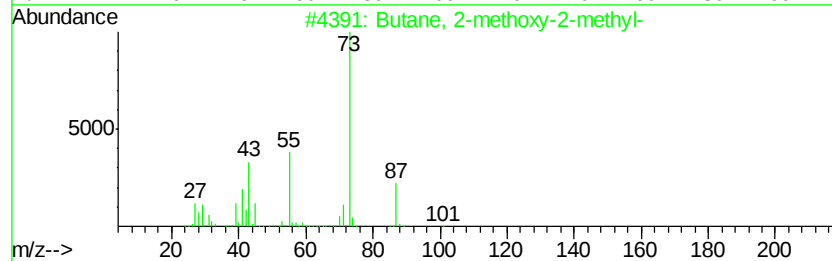
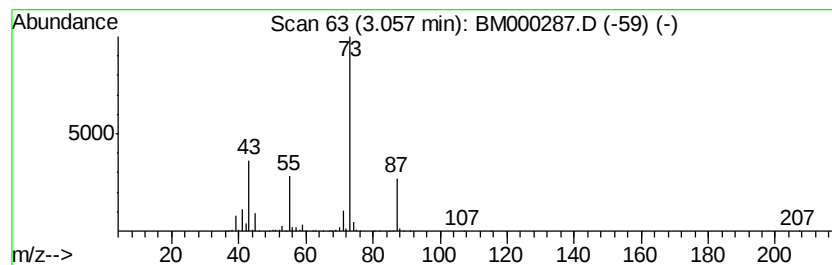
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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	24.95 ng/ul	1331910	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	17
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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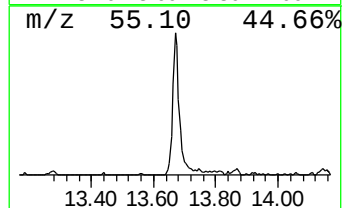
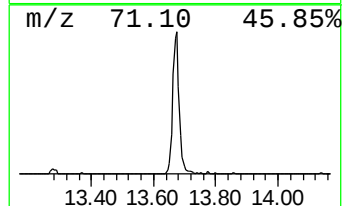
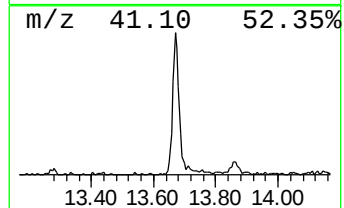
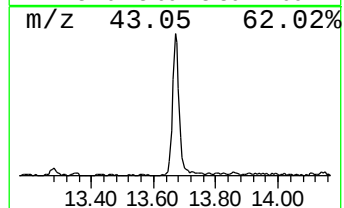
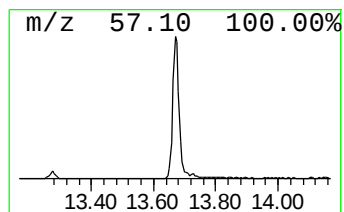
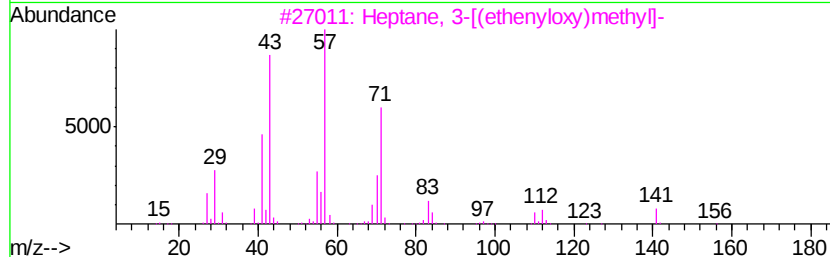
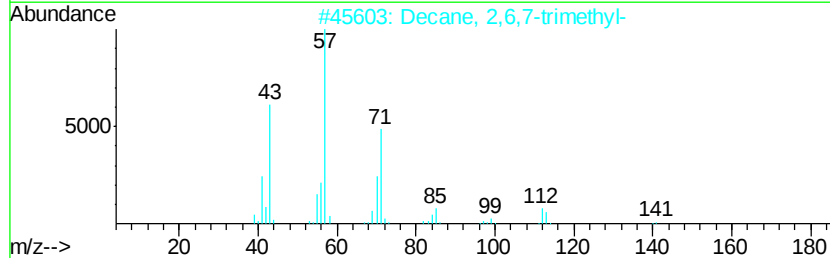
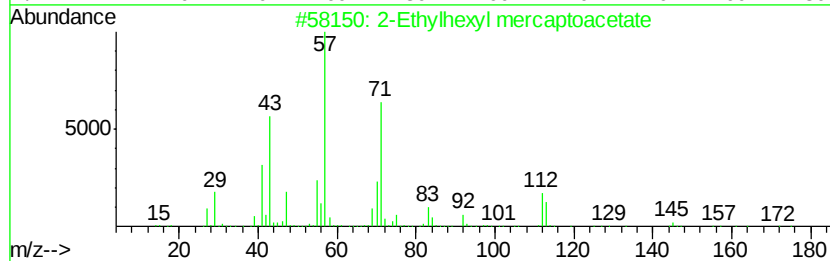
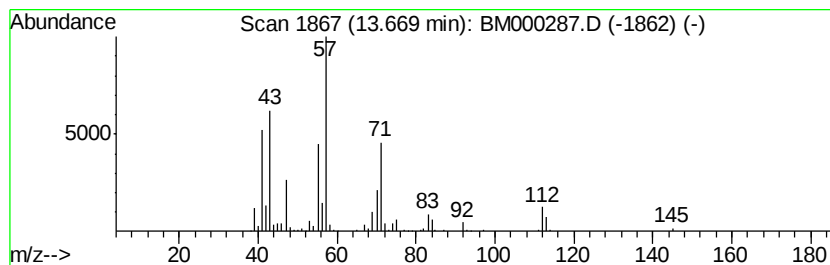
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 2-Ethylhexyl mercaptoacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	5.31 ng/ul	483413	Acenaphthene-d10	14.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Ethylhexyl mercaptoacetate	204 C10H20O2S	007659-86-1	72
2	Decane, 2,6,7-trimethyl-	184 C13H28	062108-25-2	58
3	Heptane, 3-[(ethenyloxy)methyl]-	156 C10H20O	000103-44-6	53
4	Octane, 3,5-dimethyl-	142 C10H22	015869-93-9	53
5	Decane, 4-methyl-	156 C11H24	002847-72-5	50



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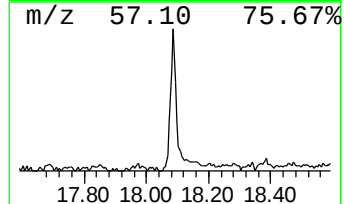
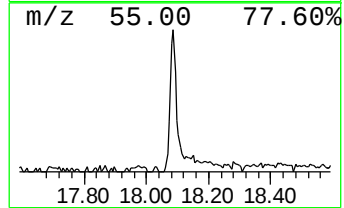
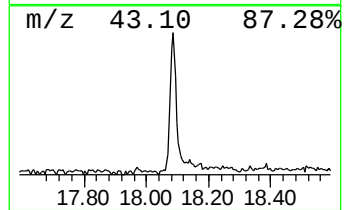
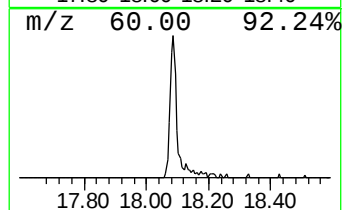
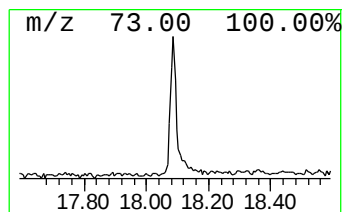
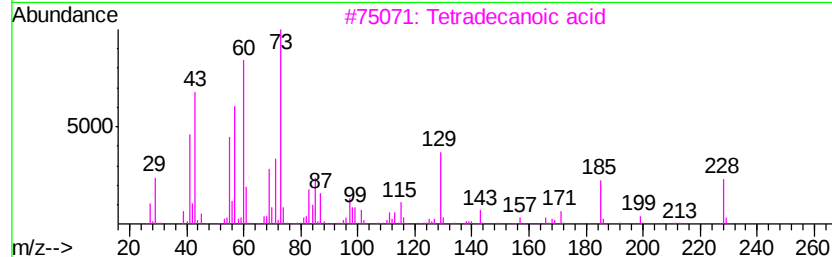
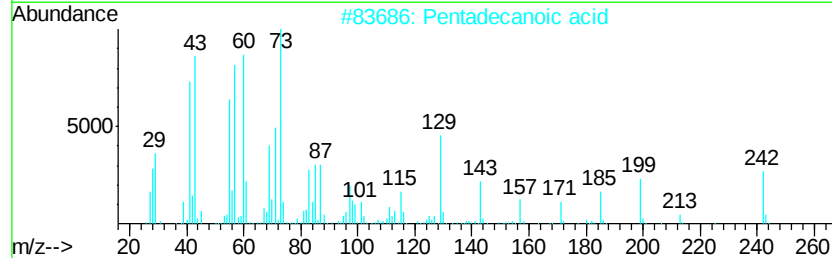
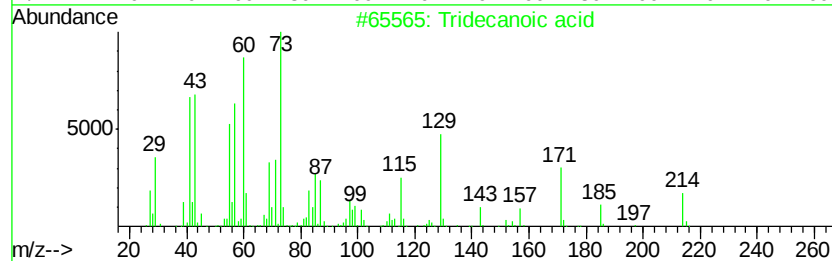
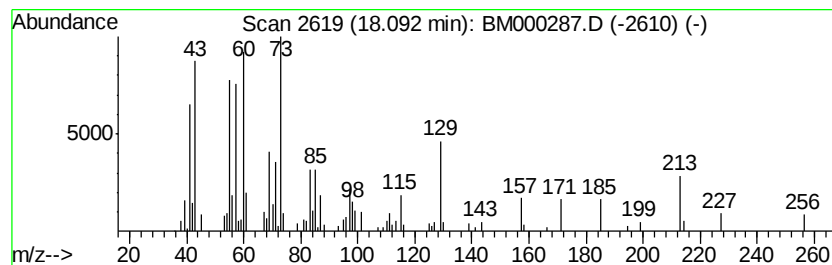
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.14 ng/ul	327611	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Undecanoic acid	186	C11H22O2	000112-37-8	68



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000287.D
Acq On : 21 Jan 2015 05:53
Operator : TP/IZ
Sample : G1102-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ClientSampled :
C0AR9

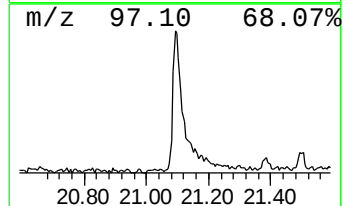
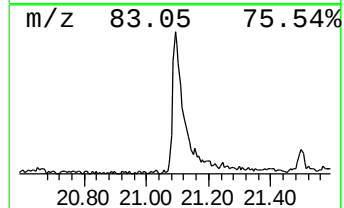
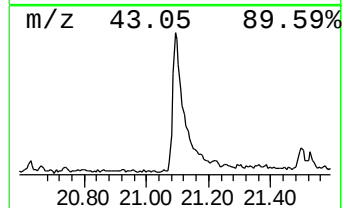
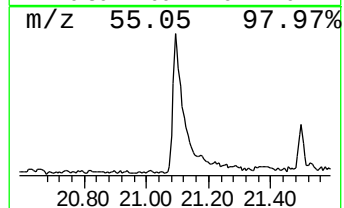
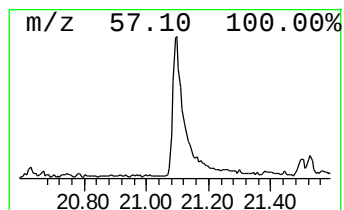
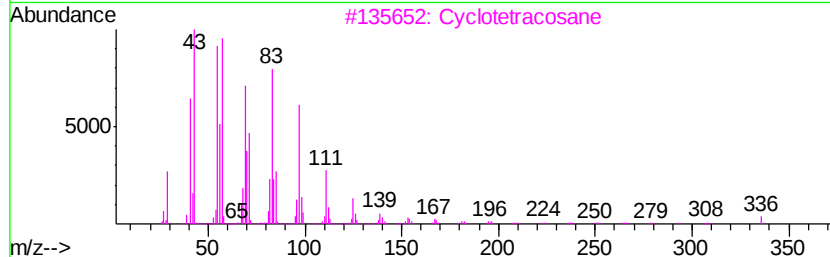
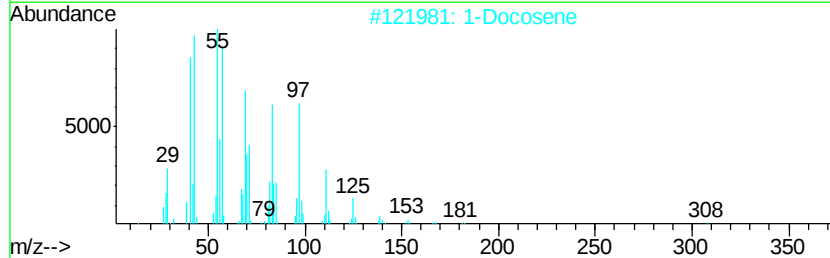
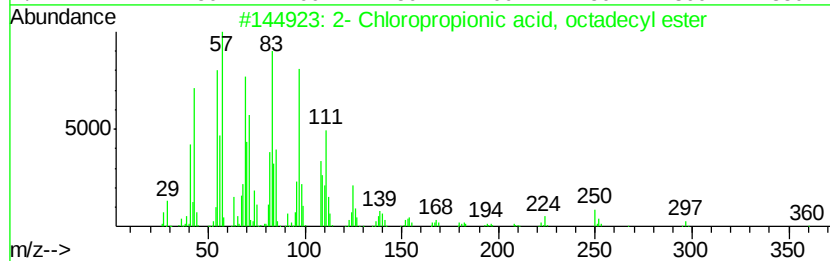
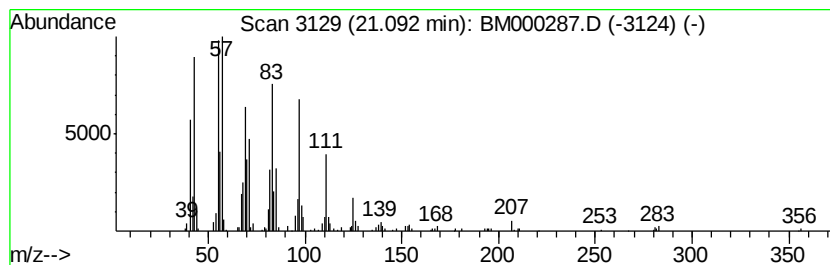
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 2- Chloropropionic acid, oc... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	8.20 ng/ul	981849	Chrysene-d12	21.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-	Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
2	1-	Docosene	308	C22H44	001599-67-3	90
3		Cyclotetracosane	336	C24H48	000297-03-0	90
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
5	1-	Heneicosyl formate	340	C22H44O2	077899-03-7	87



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ALS Vial : 28 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AR9

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	24.9	ng/ul	1331910	1	7.82	1067470	20.0
2-Ethylhexyl merc...	13.67	5.3	ng/ul	483413	3	14.46	1820710	20.0
Tridecanoic acid	18.09	3.1	ng/ul	327611	4	17.20	2086660	20.0
2- Chloropropioni...	21.09	8.2	ng/ul	981849	5	21.39	2395340	20.0