

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
 Data File : BM000246.D
 Acq On : 16 Jan 2015 23:19
 Operator : TP/IZ
 Sample : G1065-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 C0AD0

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	2.775	12	15	19	rVB4	15887	24750	0.84%	0.063%
2	2.846	25	27	32	rVB4	9359	12116	0.41%	0.031%
3	2.987	46	51	59	rBV	336705	515289	17.44%	1.314%
4	3.057	59	63	75	rVB	1079646	1298909	43.95%	3.311%
5	3.293	98	103	104	rVV4	20041	24961	0.84%	0.064%
6	3.316	104	107	111	rVV	36943	52008	1.76%	0.133%
7	3.346	111	112	118	rVB3	14628	17770	0.60%	0.045%
8	3.451	128	130	133	rVB4	4188	5035	0.17%	0.013%
9	3.869	197	201	205	rVB5	9714	12760	0.43%	0.033%
10	4.222	258	261	265	rBV5	3379	4832	0.16%	0.012%
11	4.522	307	312	314	rBV4	3101	4353	0.15%	0.011%
12	4.569	316	320	325	rVV2	25825	35340	1.20%	0.090%
13	4.646	329	333	336	rBV5	4005	4677	0.16%	0.012%
14	4.951	380	385	392	rBV	131301	194122	6.57%	0.495%
15	5.981	557	560	565	rBV3	3369	3852	0.13%	0.010%
16	6.045	568	571	574	rBV4	4461	5771	0.20%	0.015%
17	6.987	724	731	741	rBV	684660	1178379	39.88%	3.004%
18	7.157	753	760	769	rBV	476127	731215	24.74%	1.864%
19	7.251	773	776	780	rVV3	3431	5261	0.18%	0.013%
20	7.357	787	794	802	rBV	665558	1052294	35.61%	2.682%
21	7.451	805	810	815	rVB2	28894	44321	1.50%	0.113%
22	7.828	867	874	880	rVV	536621	870819	29.47%	2.220%
23	7.881	880	883	888	rVB3	8519	12230	0.41%	0.031%
24	8.057	910	913	919	rVB4	2217	4211	0.14%	0.011%
25	8.522	985	992	1001	rVB	799065	1262792	42.73%	3.219%
26	8.581	1001	1002	1004	rBV	3830	3391	0.11%	0.009%
27	8.981	1062	1070	1079	rBV	663055	1069192	36.18%	2.726%
28	9.398	1137	1141	1147	rVB4	5749	8314	0.28%	0.021%
29	9.504	1154	1159	1161	rBV2	2114	3730	0.13%	0.010%
30	9.698	1185	1192	1199	rBV	538624	890413	30.13%	2.270%
31	10.233	1276	1283	1292	rBV	769012	1302387	44.07%	3.320%
32	10.298	1292	1294	1297	rVB2	4333	4629	0.16%	0.012%
33	10.616	1338	1348	1355	rVV	721936	1207744	40.87%	3.079%
34	10.751	1364	1371	1381	rBV	737751	1245703	42.15%	3.176%

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35	11.816	1549	1552	1556	rBV2	2675	3579	0.12%	0.009%
36	11.933	1567	1572	1581	rVB	27806	48395	1.64%	0.123%
37	12.204	1611	1618	1622	rBV3	11932	20540	0.70%	0.052%
38	12.810	1719	1721	1725	rVB2	4278	3987	0.13%	0.010%
39	13.074	1761	1766	1769	rVV4	2599	3681	0.12%	0.009%
40	13.280	1798	1801	1803	rBV2	3245	3535	0.12%	0.009%
41	13.421	1822	1825	1828	rBV2	2479	3450	0.12%	0.009%
42	13.798	1885	1889	1891	rVB3	2184	3406	0.12%	0.009%
43	13.868	1894	1901	1905	rVV	1417270	1909084	64.60%	4.867%
44	13.910	1905	1908	1914	rVB	145663	204008	6.90%	0.520%
45	14.074	1931	1936	1941	rBV5	7532	16772	0.57%	0.043%
46	14.151	1943	1949	1958	rBV	1305444	1976293	66.88%	5.038%
47	14.357	1980	1984	1987	rBV4	4991	6864	0.23%	0.017%
48	14.463	1995	2002	2012	rBV	1028676	1536109	51.98%	3.916%
49	14.651	2027	2034	2045	rBV	553371	933350	31.58%	2.379%
50	14.880	2069	2073	2075	rBV3	4706	5847	0.20%	0.015%
51	15.451	2164	2170	2181	rBV	1706727	2495281	84.44%	6.361%
52	15.568	2183	2190	2198	rBV	542445	770331	26.07%	1.964%
53	15.692	2208	2211	2216	rVB4	15472	20506	0.69%	0.052%
54	15.815	2224	2232	2237	rBV	66128	92099	3.12%	0.235%
55	16.233	2300	2303	2307	rBV4	3687	5559	0.19%	0.014%
56	16.992	2428	2432	2434	rVB3	3957	4771	0.16%	0.012%
57	17.204	2462	2468	2476	rBV	1300398	1844552	62.42%	4.702%
58	17.304	2478	2485	2494	rVV	1832635	2734719	92.54%	6.971%
59	17.368	2494	2496	2499	rVV2	4334	4956	0.17%	0.013%
60	17.609	2535	2537	2541	rBV3	3398	4606	0.16%	0.012%
61	17.698	2548	2552	2556	rBV4	3051	5747	0.19%	0.015%
62	17.945	2590	2594	2596	rBV3	3497	5506	0.19%	0.014%
63	18.092	2614	2619	2628	rBV	207160	328340	11.11%	0.837%
64	18.645	2709	2713	2715	rVB4	6310	8338	0.28%	0.021%
65	18.668	2715	2717	2719	rBV2	4422	4752	0.16%	0.012%
66	18.703	2721	2723	2726	rBV3	4727	5060	0.17%	0.013%
67	18.756	2731	2732	2736	rBV3	3439	3506	0.12%	0.009%
68	18.962	2763	2767	2768	rVV3	3635	4863	0.16%	0.012%
69	19.021	2775	2777	2780	rVB3	7316	7470	0.25%	0.019%
70	19.050	2780	2782	2784	rBV2	4444	4139	0.14%	0.011%
71	19.162	2798	2801	2802	rBV3	5001	5852	0.20%	0.015%

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72	19.227	2808	2812	2820	rBV2	26822	54751	1.85%	0.140%
73	19.309	2824	2826	2828	rBV2	6028	4657	0.16%	0.012%
74	19.368	2832	2836	2849	rBV3	111425	191019	6.46%	0.487%
75	19.486	2852	2856	2860	rBV4	17233	23728	0.80%	0.060%
76	19.521	2860	2862	2866	rVB5	6609	7627	0.26%	0.019%
77	19.598	2869	2875	2880	rBV	2171559	2955146	100.00%	7.533%
78	19.639	2880	2882	2890	rVB	97028	113378	3.84%	0.289%
79	19.803	2908	2910	2913	rVB3	6050	4778	0.16%	0.012%
80	19.833	2913	2915	2920	rBV5	4216	4953	0.17%	0.013%
81	19.868	2920	2921	2923	rVB2	7013	4686	0.16%	0.012%
82	19.950	2933	2935	2939	rVV5	5701	5374	0.18%	0.014%
83	20.003	2939	2944	2949	rVB7	5364	11214	0.38%	0.029%
84	20.109	2959	2962	2964	rBV4	9680	9303	0.31%	0.024%
85	20.192	2975	2976	2979	rVB3	9082	5471	0.19%	0.014%
86	20.221	2979	2981	2983	rBV3	5552	3577	0.12%	0.009%
87	20.256	2986	2987	2988	rBV	6492	3632	0.12%	0.009%
88	20.309	2994	2996	2997	rBV	5972	4701	0.16%	0.012%
89	20.515	3029	3031	3034	rVB4	8496	7038	0.24%	0.018%
90	20.621	3047	3049	3051	rBV3	8095	6811	0.23%	0.017%
91	20.739	3066	3069	3070	rBV3	10332	8922	0.30%	0.023%
92	21.092	3124	3129	3136	rBV	281007	409327	13.85%	1.043%
93	21.297	3162	3164	3169	rVB6	11958	13832	0.47%	0.035%
94	21.386	3174	3179	3185	rBV	1630778	2105319	71.24%	5.367%
95	21.497	3196	3198	3202	rBV4	35618	38954	1.32%	0.099%
96	21.974	3276	3279	3280	rBV3	18854	19872	0.67%	0.051%
97	22.574	3379	3381	3386	rVB6	28060	32549	1.10%	0.083%
98	23.533	3536	3544	3553	rBV	1505837	2949732	99.82%	7.519%
99	23.680	3562	3569	3580	rVB2	1022154	1990409	67.35%	5.074%
100	24.209	3653	3659	3664	rBV8	37459	84233	2.85%	0.215%

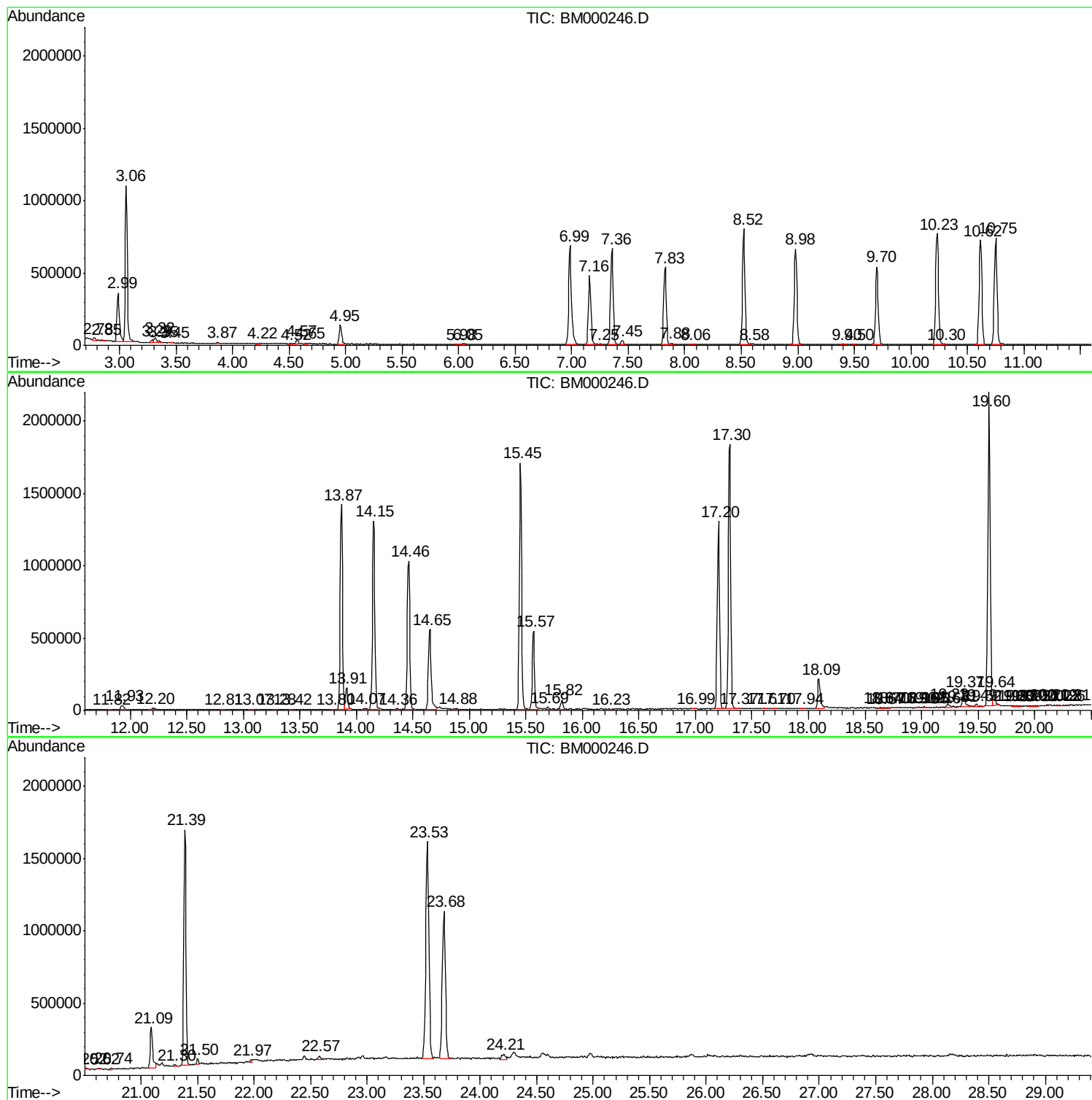
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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



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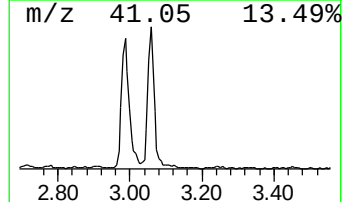
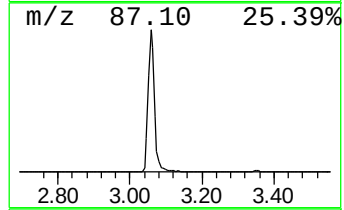
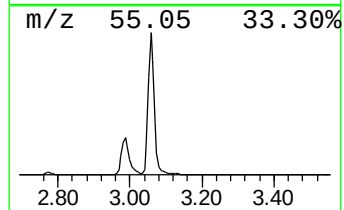
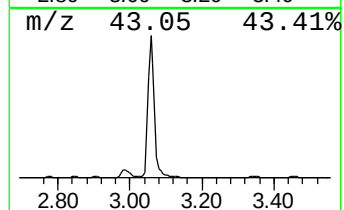
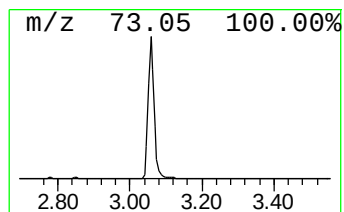
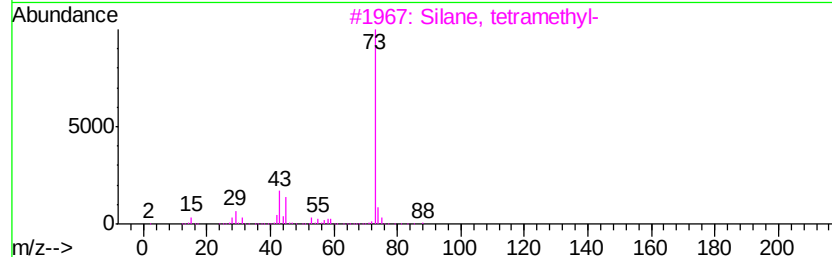
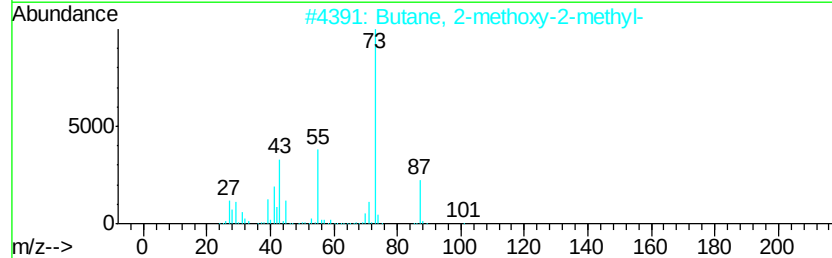
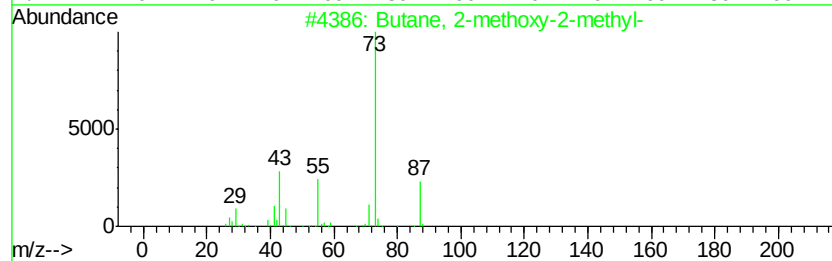
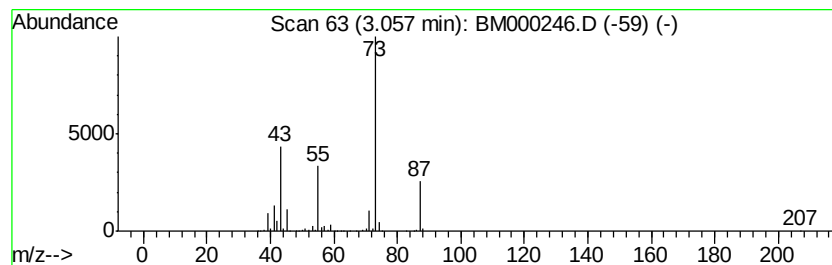
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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	29.83 ng/ul	1298910	1,4-Dichlorobenzene-d4	7.83

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		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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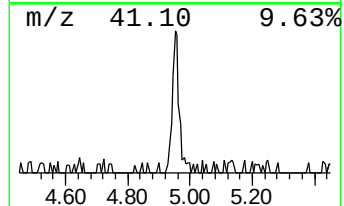
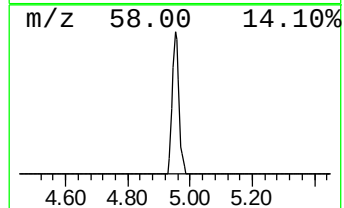
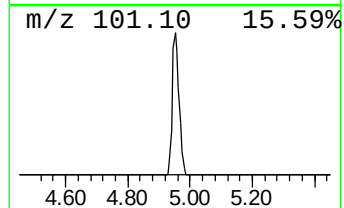
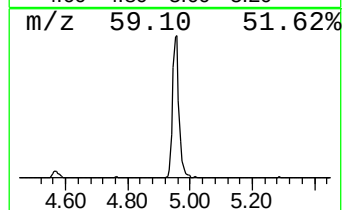
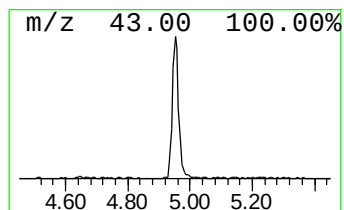
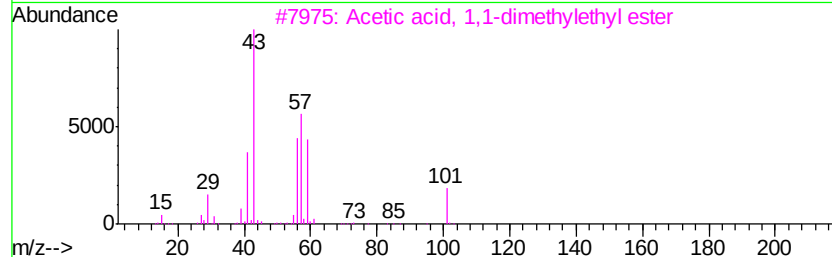
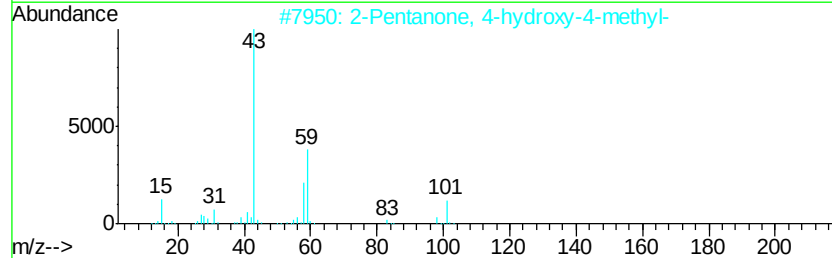
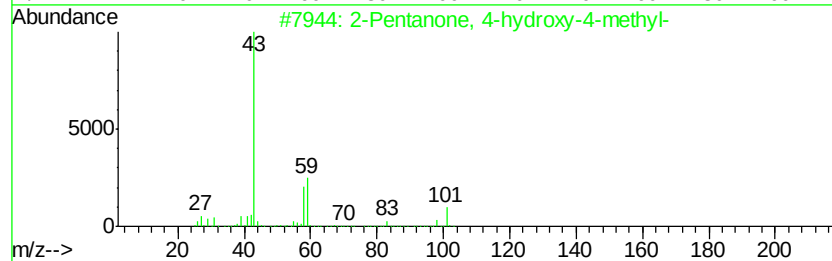
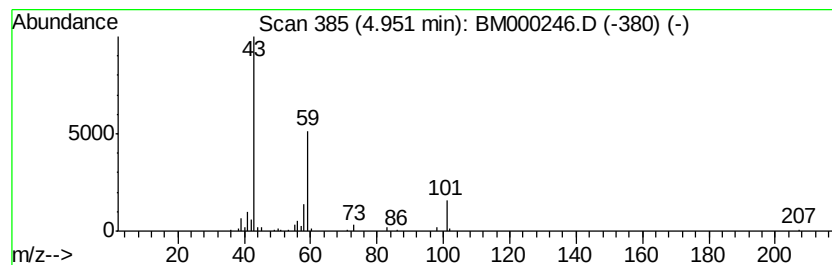
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	4.46 ng/ul	194122	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5		4,5-Dimethyl-3-heptanol	144	C9H20O	019549-76-9	28



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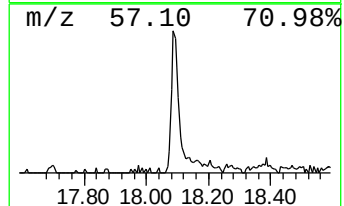
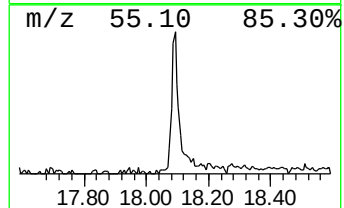
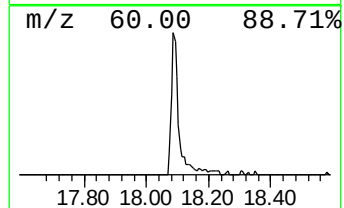
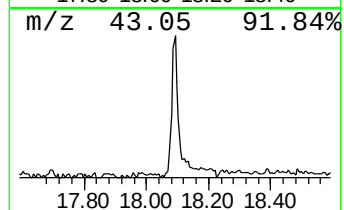
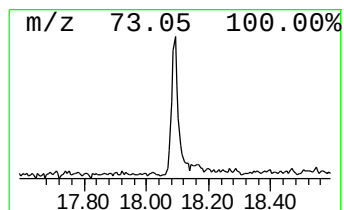
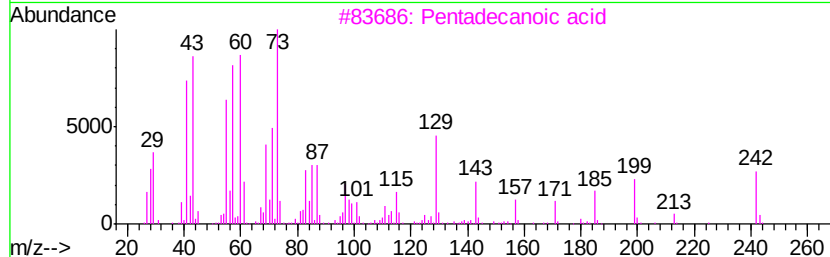
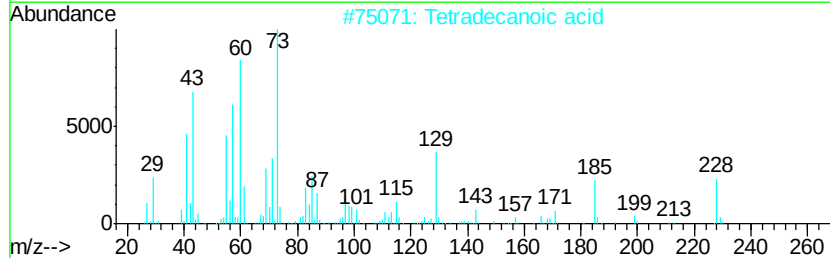
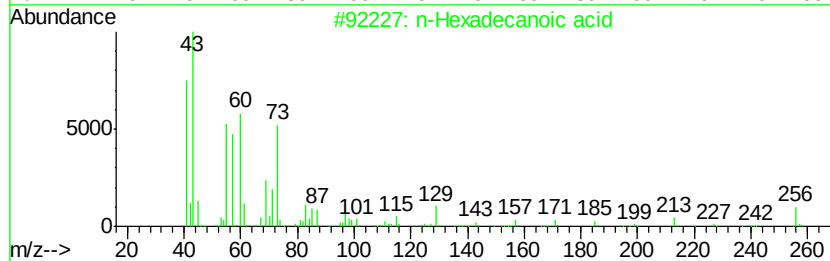
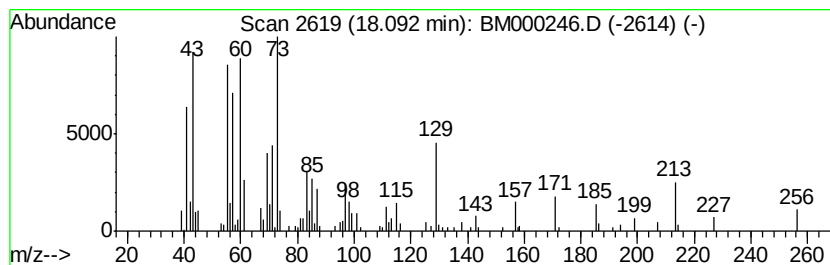
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.09	3.56 ng/ul	328340	Phenanthrene-d10	17.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68



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Sample : G1065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ClientSampleId :
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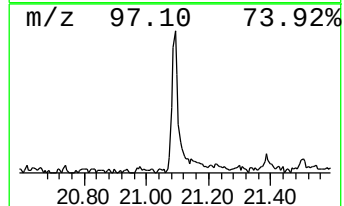
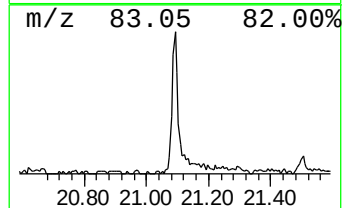
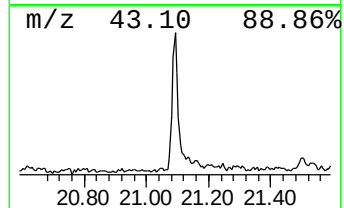
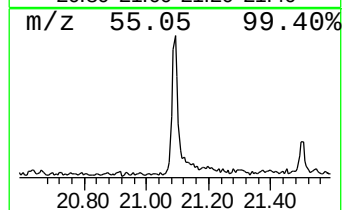
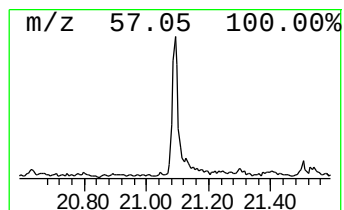
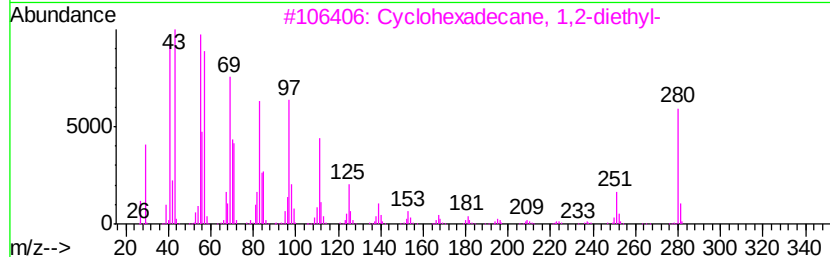
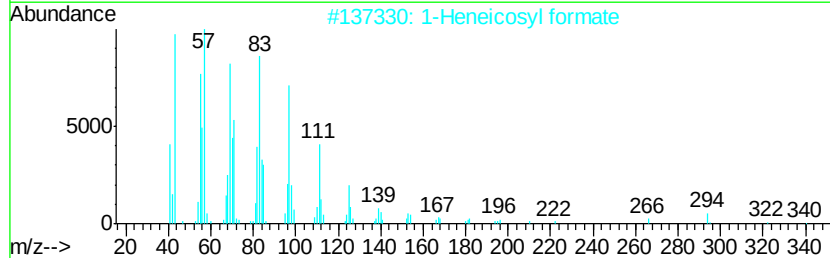
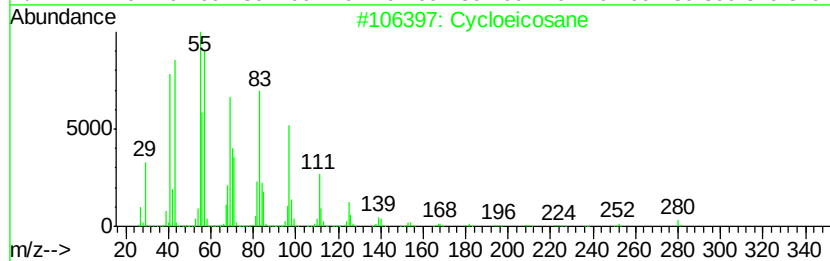
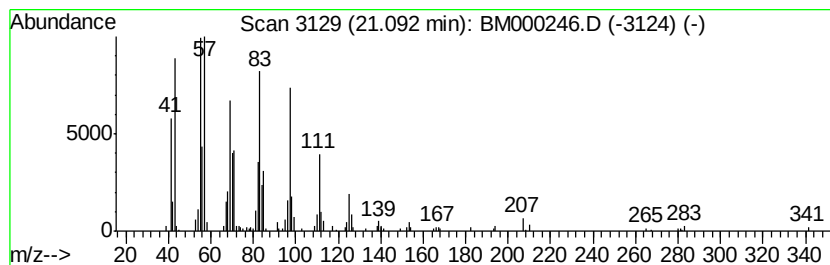
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	3.89 ng/ul	409327	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	94
4	1-Docosene	308	C22H44	001599-67-3	94
5	1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011615\
Data File : BM000246.D
Acq On : 16 Jan 2015 23:19
Operator : TP/IZ
Sample : G1065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AD0

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	29.8	ng/ul	1298910	1	7.83	870819	20.0
2-Pentanone, 4-hy...	4.95	4.5	ng/ul	194122	1	7.83	870819	20.0
n-Hexadecanoic acid	18.09	3.6	ng/ul	328340	4	17.20	1844550	20.0
(DEL) Alkane: Cyclic	21.09	3.9	ng/ul	409327	5	21.39	2105320	20.0