

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
 Data File : BM001096.D
 Acq On : 21 Apr 2015 09:58
 Operator : TP/IZ
 Sample : G1859-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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-BM041515.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	11	15	21	rVB	410874	510683	17.70%	1.199%
2	3.593	150	154	162	rVB2	39628	55518	1.92%	0.130%
3	3.775	180	185	191	rBV	58141	80716	2.80%	0.189%
4	4.681	337	339	343	rVB4	5531	6996	0.24%	0.016%
5	4.940	379	383	389	rVB2	17596	25700	0.89%	0.060%
6	5.781	521	526	527	rBV3	4129	5122	0.18%	0.012%
7	5.798	527	529	532	rVB3	5368	5985	0.21%	0.014%
8	6.098	576	580	582	rBV4	4776	6257	0.22%	0.015%
9	6.757	684	692	706	rBV	791988	1209703	41.93%	2.840%
10	6.910	708	718	731	rBV	617488	938260	32.52%	2.203%
11	7.104	745	751	759	rBV	787673	1247023	43.23%	2.928%
12	7.198	763	767	772	rVV2	20396	30671	1.06%	0.072%
13	7.575	823	831	838	rBV	813466	1312632	45.50%	3.082%
14	7.640	838	842	846	rVV7	4651	7378	0.26%	0.017%
15	8.292	946	953	961	rBV	842469	1319705	45.75%	3.098%
16	8.728	1020	1027	1034	rBV	682954	1095697	37.98%	2.572%
17	9.151	1094	1099	1103	rVB2	16742	23807	0.83%	0.056%
18	9.445	1139	1149	1157	rBV	553543	916434	31.77%	2.152%
19	9.669	1184	1187	1189	rBV3	4030	5497	0.19%	0.013%
20	9.928	1226	1231	1234	rBV3	8794	14277	0.49%	0.034%
21	9.986	1234	1241	1252	rVB	865575	1364813	47.31%	3.204%
22	10.139	1261	1267	1274	rBV3	24086	44038	1.53%	0.103%
23	10.357	1296	1304	1314	rBV	1086571	1792286	62.13%	4.208%
24	10.498	1322	1328	1339	rBV	732429	1267991	43.95%	2.977%
25	10.839	1385	1386	1390	rVV3	5598	5094	0.18%	0.012%
26	11.680	1524	1529	1536	rVB3	14469	26403	0.92%	0.062%
27	11.863	1556	1560	1562	rBV5	3702	5391	0.19%	0.013%
28	11.892	1562	1565	1568	rVV3	5427	8376	0.29%	0.020%
29	11.957	1572	1576	1582	rBV2	14174	23675	0.82%	0.056%
30	12.380	1644	1648	1654	rVV3	11651	20307	0.70%	0.048%
31	12.575	1675	1681	1687	rBV3	18220	30213	1.05%	0.071%
32	12.833	1720	1725	1729	rBV2	26367	39338	1.36%	0.092%
33	13.057	1758	1763	1767	rBV3	11262	14267	0.49%	0.033%
34	13.104	1767	1771	1773	rBV5	6016	6294	0.22%	0.015%

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35	13.280	1795	1801	1804	rBV5	3197	5861	0.20%	0.014%
36	13.651	1857	1864	1868	rBV	1324406	1805943	62.60%	4.240%
37	13.692	1868	1871	1881	rVB	190846	283789	9.84%	0.666%
38	13.769	1881	1884	1886	rBV4	6286	6483	0.22%	0.015%
39	13.921	1901	1910	1918	rBV	1418097	2141572	74.23%	5.028%
40	14.074	1933	1936	1941	rVB5	9485	15181	0.53%	0.036%
41	14.145	1943	1948	1952	rVB	28192	37933	1.31%	0.089%
42	14.239	1954	1964	1972	rBV2	1395445	2171528	75.27%	5.098%
43	14.457	1993	2001	2017	rBV	483757	788201	27.32%	1.850%
44	14.598	2022	2025	2030	rVV6	11356	18796	0.65%	0.044%
45	14.668	2030	2037	2046	rVV6	20900	44578	1.55%	0.105%
46	14.757	2050	2052	2059	rBV5	7015	11593	0.40%	0.027%
47	15.016	2092	2096	2100	rBV2	15217	19731	0.68%	0.046%
48	15.098	2105	2110	2115	rVB3	40561	55027	1.91%	0.129%
49	15.233	2126	2133	2141	rVB	1748402	2407302	83.45%	5.652%
50	15.304	2142	2145	2149	rVB5	7056	8769	0.30%	0.021%
51	15.363	2149	2155	2163	rBV	301769	417117	14.46%	0.979%
52	15.474	2169	2174	2177	rBV3	19510	33310	1.15%	0.078%
53	15.604	2191	2196	2204	rVV2	76913	159365	5.52%	0.374%
54	15.786	2224	2227	2235	rBV3	23836	45853	1.59%	0.108%
55	15.963	2252	2257	2264	rBV	46552	79144	2.74%	0.186%
56	16.080	2275	2277	2281	rBV5	6027	6379	0.22%	0.015%
57	16.127	2281	2285	2287	rVV5	5285	5579	0.19%	0.013%
58	16.180	2292	2294	2296	rBV2	7247	6919	0.24%	0.016%
59	16.310	2310	2316	2318	rBV5	5550	12255	0.42%	0.029%
60	16.339	2318	2321	2322	rVB3	6704	5563	0.19%	0.013%
61	16.404	2328	2332	2333	rBV4	5793	6480	0.22%	0.015%
62	16.421	2333	2335	2339	rVB5	8128	11025	0.38%	0.026%
63	16.474	2339	2344	2351	rBV7	14177	33023	1.14%	0.078%
64	16.539	2351	2355	2356	rVV4	7657	7253	0.25%	0.017%
65	16.751	2386	2391	2396	rBV3	45040	75413	2.61%	0.177%
66	16.804	2396	2400	2404	rVB5	16890	28493	0.99%	0.067%
67	16.892	2412	2415	2417	rBV4	6076	8146	0.28%	0.019%
68	16.986	2423	2431	2437	rBV	1727503	2428080	84.17%	5.700%
69	17.080	2441	2447	2458	rVB2	1773572	2477312	85.87%	5.816%
70	17.186	2458	2465	2469	rBV8	14504	29891	1.04%	0.070%
71	17.374	2490	2497	2500	rBV9	11653	19044	0.66%	0.045%

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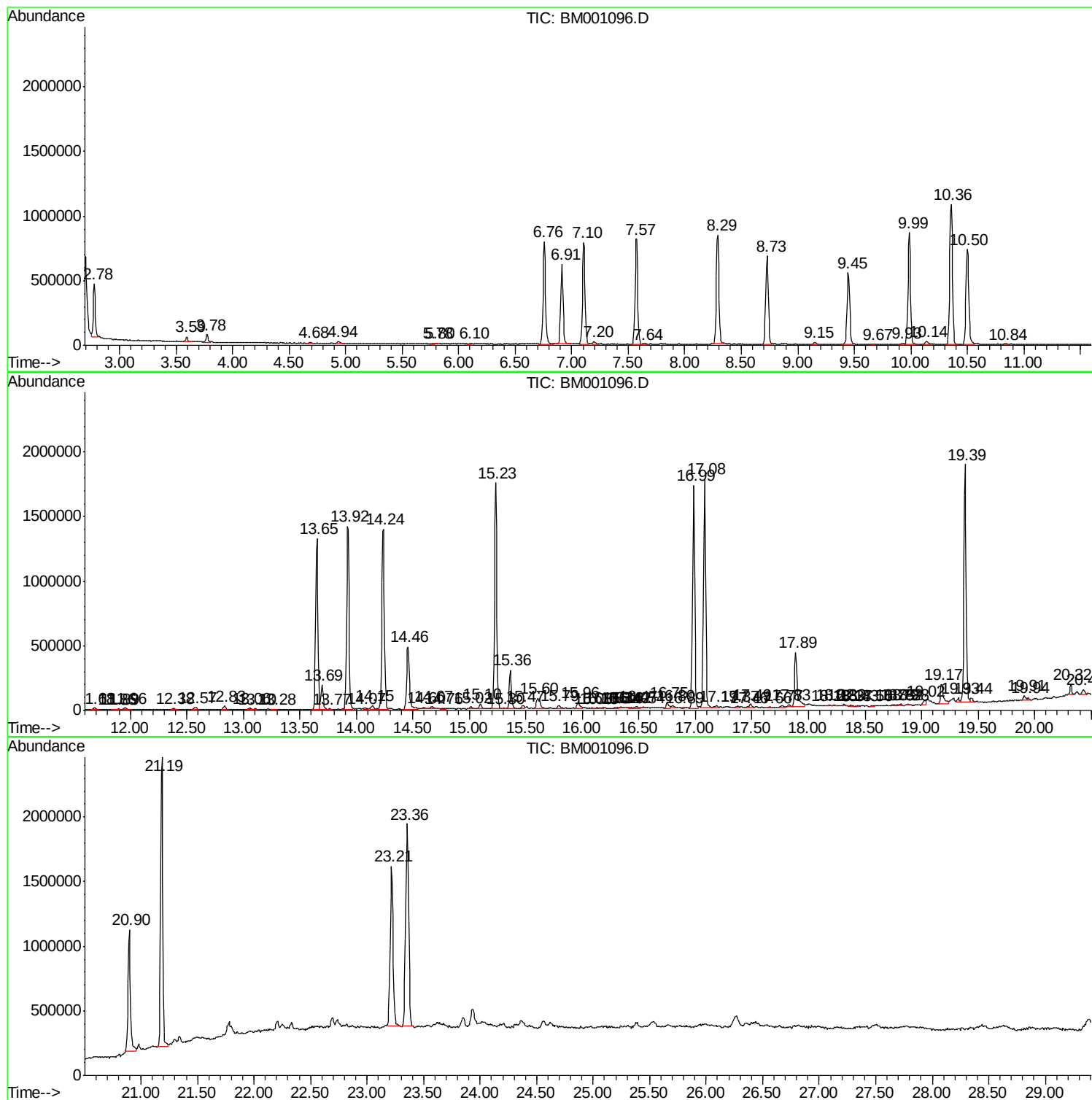
72	17.462	2508	2512	2513	rBV4	9028	11199	0.39%	0.026%
73	17.486	2513	2516	2522	rVB	25272	37532	1.30%	0.088%
74	17.662	2542	2546	2547	rVV4	5507	5234	0.18%	0.012%
75	17.768	2558	2564	2569	rBV8	17802	37809	1.31%	0.089%
76	17.827	2571	2574	2579	rVV5	17514	25238	0.87%	0.059%
77	17.886	2579	2584	2598	rBV	420862	664910	23.05%	1.561%
78	18.180	2631	2634	2638	rBV6	9757	14401	0.50%	0.034%
79	18.221	2639	2641	2645	rVB5	9407	10121	0.35%	0.024%
80	18.315	2654	2657	2662	rVB5	16603	17921	0.62%	0.042%
81	18.374	2665	2667	2672	rVB6	8807	8213	0.28%	0.019%
82	18.433	2675	2677	2679	rBV3	7987	5737	0.20%	0.013%
83	18.562	2695	2699	2703	rBV6	7994	16521	0.57%	0.039%
84	18.751	2728	2731	2735	rBV6	9456	14354	0.50%	0.034%
85	18.786	2735	2737	2739	rVV3	7989	8816	0.31%	0.021%
86	18.821	2741	2743	2747	rVB5	11668	10318	0.36%	0.024%
87	18.880	2751	2753	2756	rVB4	9594	8859	0.31%	0.021%
88	19.021	2773	2777	2780	rBV4	32391	51936	1.80%	0.122%
89	19.174	2799	2803	2814	rBV	150273	266057	9.22%	0.625%
90	19.327	2825	2829	2832	rBV5	34485	44837	1.55%	0.105%
91	19.386	2833	2839	2846	rVV	1841717	2542335	88.13%	5.969%
92	19.445	2846	2849	2853	rVB3	30480	43050	1.49%	0.101%
93	19.909	2924	2928	2932	rBV5	41276	60504	2.10%	0.142%
94	19.945	2932	2934	2939	rVB6	23755	24267	0.84%	0.057%
95	20.321	2995	2998	3001	rVB2	78189	81647	2.83%	0.192%
96	20.433	3014	3017	3022	rVB6	35519	50744	1.76%	0.119%
97	20.898	3090	3096	3106	rBV2	941996	1418301	49.16%	3.330%
98	21.186	3139	3145	3154	rBV	2241616	2884894	100.00%	6.773%
99	23.215	3484	3490	3502	rVB2	1236520	2204017	76.40%	5.174%
100	23.356	3507	3514	3522	rBV	1569649	2839977	98.44%	6.668%

Sum of corrected areas: 42594227

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Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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



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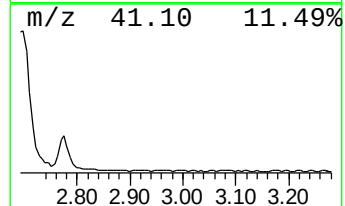
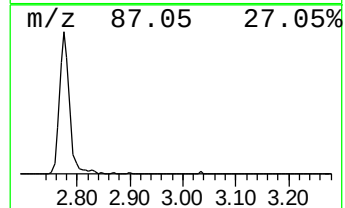
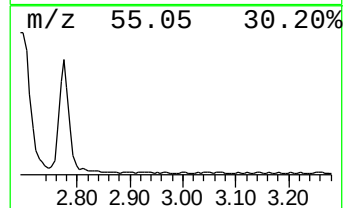
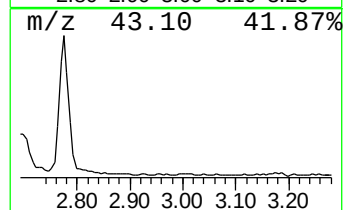
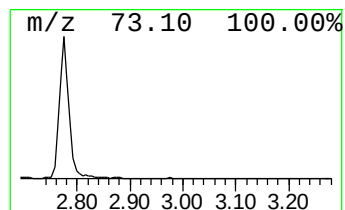
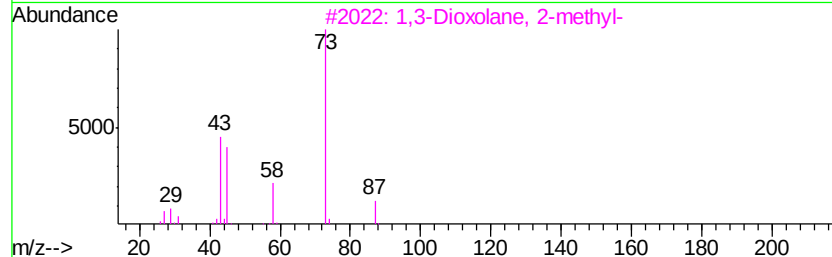
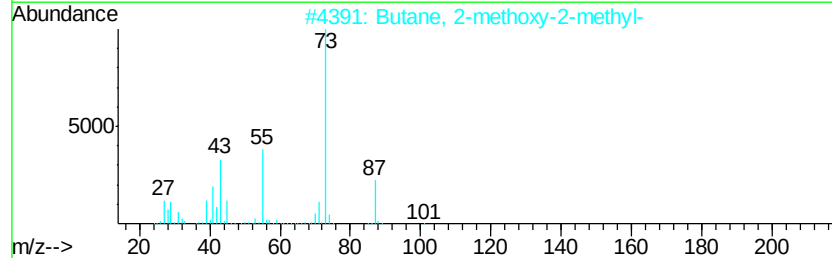
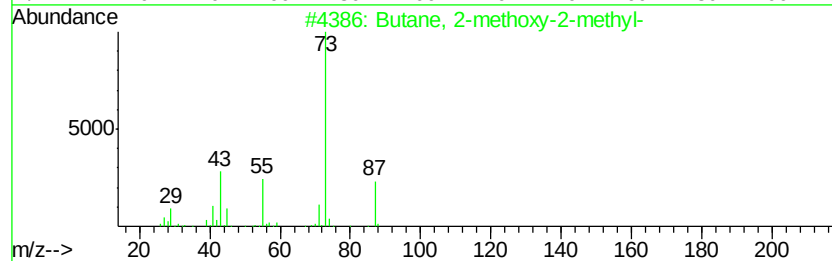
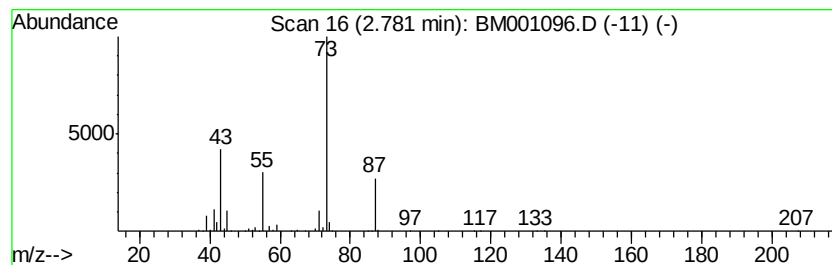
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	7.78 ng/ul	510683	1,4-Dichlorobenzene-d4	7.57

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		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4		2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	28
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25



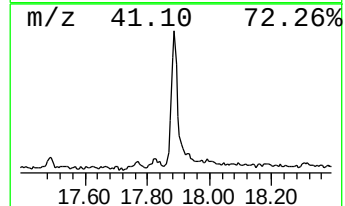
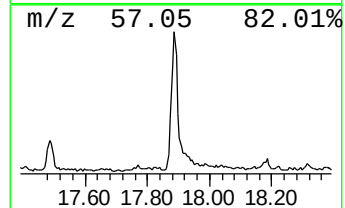
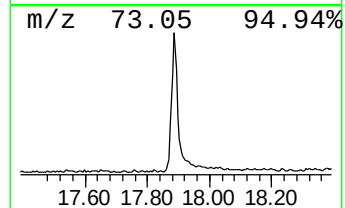
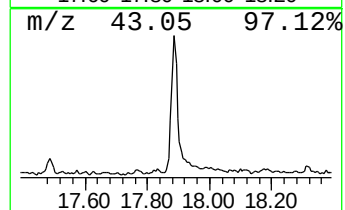
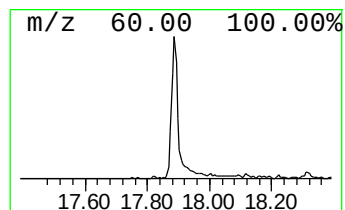
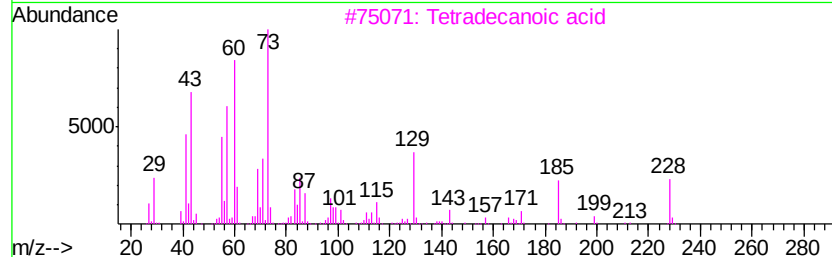
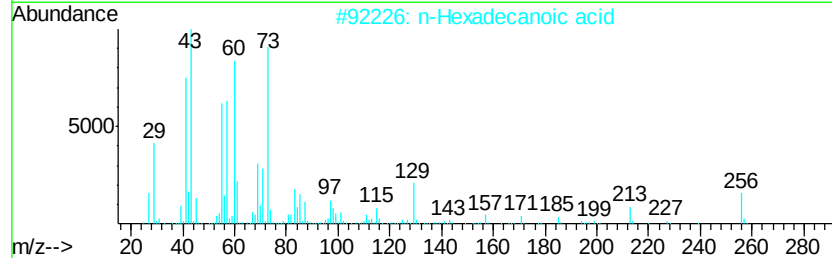
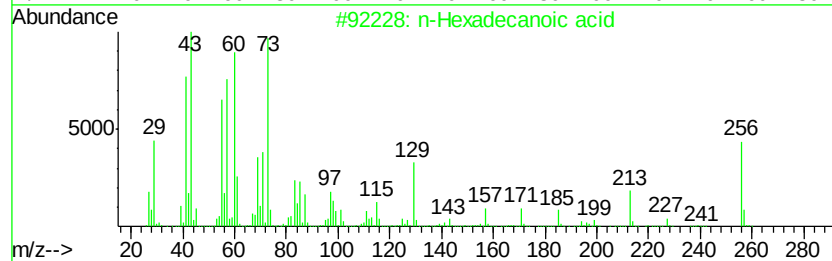
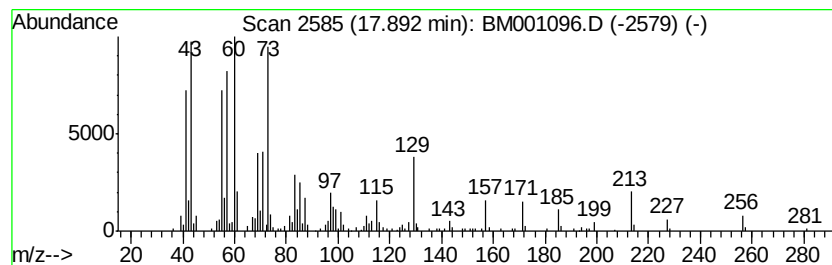
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.89	5.48 ng/ul	664910	Phenanthrene-d10		16.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5		n-Decanoic acid	172	C10H20O2	000334-48-5	58



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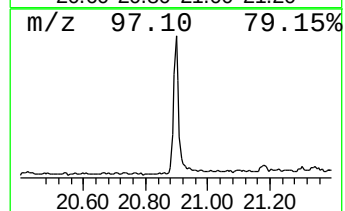
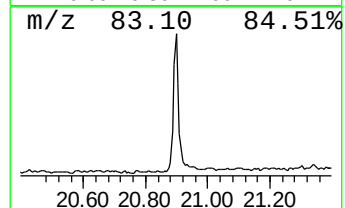
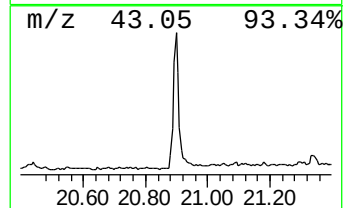
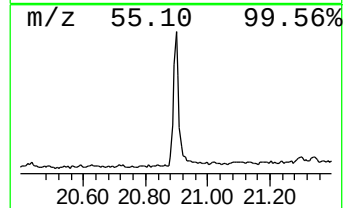
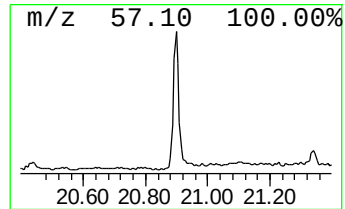
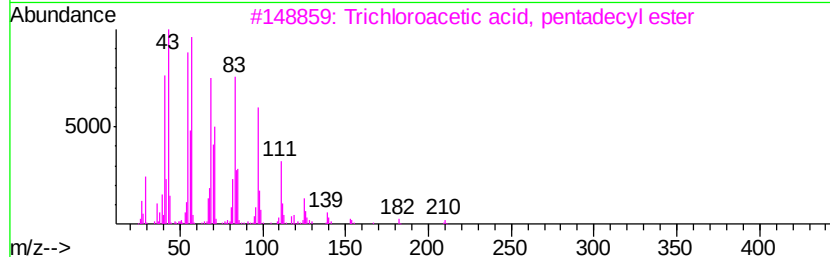
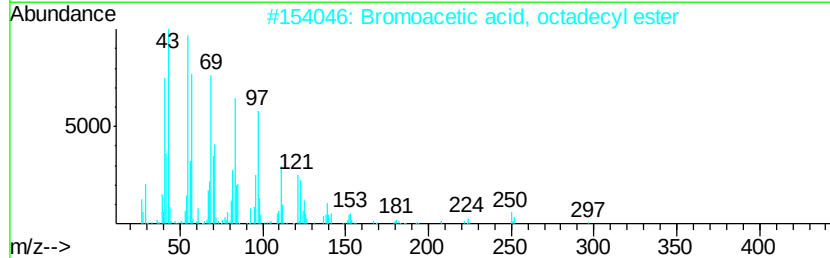
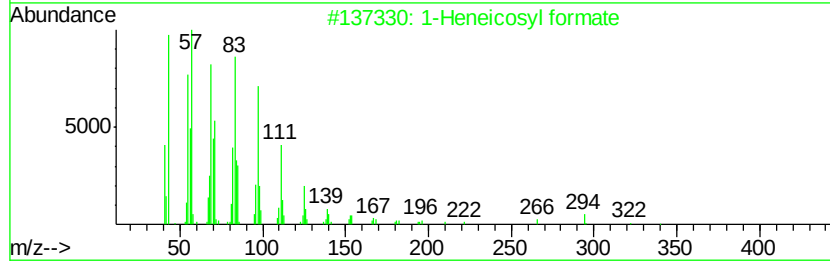
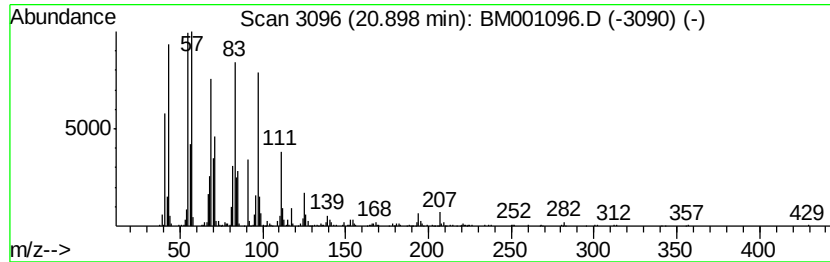
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	9.83 ng/ul	1418300	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4		1-Docosene	308	C22H44	001599-67-3	90
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.78	7.8	ng/ul	510683	1	7.57	1312630	20.0
n-Hexadecanoic acid	17.89	5.5	ng/ul	664910	4	16.99	2428080	20.0
1-Heneicosyl formate	20.90	9.8	ng/ul	1418300	5	21.19	2884890	20.0