

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
 Data File : BM001095.D
 Acq On : 21 Apr 2015 09:22
 Operator : TP/IZ
 Sample : G1859-13
 Misc :
 ALS Vial : 29 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	22	rVB	406351	531950	17.85%	1.106%
2	3.557	145	148	151	rBV	22144	26976	0.91%	0.056%
3	3.593	151	154	158	rVB	41135	53709	1.80%	0.112%
4	4.687	336	340	346	rVB6	10281	16651	0.56%	0.035%
5	4.934	376	382	388	rBV2	27491	43873	1.47%	0.091%
6	5.792	523	528	533	rBV6	6711	16071	0.54%	0.033%
7	6.251	600	606	612	rVB2	19805	35662	1.20%	0.074%
8	6.757	684	692	703	rBV	940825	1475766	49.51%	3.069%
9	6.869	708	711	713	rVV4	13803	19019	0.64%	0.040%
10	6.910	713	718	729	rVV	737602	1146673	38.47%	2.385%
11	7.004	730	734	741	rVV6	12650	24757	0.83%	0.051%
12	7.104	745	751	760	rVV	922389	1481421	49.70%	3.081%
13	7.198	764	767	774	rVB3	19567	33384	1.12%	0.069%
14	7.575	822	831	841	rVV	845181	1344213	45.10%	2.795%
15	7.792	863	868	872	rBV6	20100	35763	1.20%	0.074%
16	8.292	947	953	962	rVV	1006622	1604608	53.83%	3.337%
17	8.728	1020	1027	1038	rVV	865979	1386879	46.53%	2.884%
18	9.151	1093	1099	1102	rVB5	7696	15543	0.52%	0.032%
19	9.445	1140	1149	1157	rBV	688990	1158798	38.88%	2.410%
20	9.933	1227	1232	1234	rBV2	11079	16173	0.54%	0.034%
21	9.986	1234	1241	1249	rVV	1008623	1635419	54.87%	3.401%
22	10.139	1262	1267	1274	rBV	44774	72530	2.43%	0.151%
23	10.357	1296	1304	1312	rVB	1105379	1840344	61.74%	3.827%
24	10.498	1321	1328	1341	rBV	703880	1244097	41.74%	2.587%
25	11.686	1524	1530	1534	rBV2	18398	31929	1.07%	0.066%
26	11.722	1534	1536	1542	rVB5	12846	20189	0.68%	0.042%
27	11.957	1570	1576	1583	rVB2	15419	28415	0.95%	0.059%
28	12.380	1643	1648	1655	rBV6	18301	30569	1.03%	0.064%
29	12.574	1676	1681	1687	rVB3	24549	37798	1.27%	0.079%
30	12.833	1720	1725	1730	rVB	40018	50627	1.70%	0.105%
31	13.110	1767	1772	1776	rBV6	23403	43496	1.46%	0.090%
32	13.557	1843	1848	1855	rVB8	10010	24196	0.81%	0.050%
33	13.651	1857	1864	1868	rBV	1601353	2192957	73.57%	4.560%
34	13.698	1868	1872	1875	rVV	317420	444232	14.90%	0.924%

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35	13.739	1875	1879	1891	rVB	337392	534839	17.94%	1.112%
36	13.827	1891	1894	1899	rVB5	15626	23162	0.78%	0.048%
37	13.921	1901	1910	1919	rBV	1543099	2306007	77.36%	4.795%
38	14.086	1929	1938	1944	rBV8	21719	63054	2.12%	0.131%
39	14.139	1944	1947	1952	rVB3	19821	27453	0.92%	0.057%
40	14.192	1952	1956	1958	rBV2	42448	55398	1.86%	0.115%
41	14.233	1958	1963	1971	rVB2	1419103	2193737	73.60%	4.562%
42	14.457	1994	2001	2015	rBV	567383	948770	31.83%	1.973%
43	14.598	2021	2025	2029	rVB6	16209	23022	0.77%	0.048%
44	14.663	2033	2036	2040	rVV4	16791	21376	0.72%	0.044%
45	14.886	2070	2074	2081	rVB6	15569	29411	0.99%	0.061%
46	15.015	2091	2096	2099	rBV	23053	29100	0.98%	0.061%
47	15.098	2106	2110	2115	rVV2	44681	58133	1.95%	0.121%
48	15.157	2116	2120	2123	rVB4	16241	20283	0.68%	0.042%
49	15.233	2126	2133	2140	rVV	1694255	2388783	80.14%	4.968%
50	15.298	2140	2144	2150	rVB8	10781	21007	0.70%	0.044%
51	15.362	2150	2155	2163	rBV	419790	551306	18.50%	1.146%
52	15.474	2168	2174	2183	rVB8	38042	78451	2.63%	0.163%
53	15.598	2189	2195	2203	rBV2	72241	152692	5.12%	0.318%
54	15.698	2208	2212	2213	rBV4	13403	17223	0.58%	0.036%
55	15.792	2222	2228	2235	rBV5	32071	74379	2.50%	0.155%
56	15.880	2239	2243	2247	rVB6	17121	23822	0.80%	0.050%
57	15.962	2253	2257	2259	rBV2	32455	39726	1.33%	0.083%
58	16.145	2282	2288	2292	rVV8	22139	38930	1.31%	0.081%
59	16.298	2311	2314	2317	rVV5	15131	19759	0.66%	0.041%
60	16.386	2325	2329	2334	rBV3	61516	98260	3.30%	0.204%
61	16.709	2380	2384	2387	rBV5	15430	23248	0.78%	0.048%
62	16.751	2387	2391	2396	rVV3	75151	103958	3.49%	0.216%
63	16.792	2396	2398	2403	rVB5	21655	38972	1.31%	0.081%
64	16.856	2405	2409	2412	rBV6	13330	19496	0.65%	0.041%
65	16.898	2412	2416	2419	rBV5	9127	15570	0.52%	0.032%
66	16.986	2424	2431	2435	rVV	1727035	2467237	82.77%	5.131%
67	17.027	2435	2438	2442	rVV	117068	161119	5.41%	0.335%
68	17.080	2442	2447	2458	rVB2	1570104	2202182	73.88%	4.580%
69	17.174	2458	2463	2464	rBV5	10736	16083	0.54%	0.033%
70	17.280	2478	2481	2486	rVB7	21384	31690	1.06%	0.066%
71	17.374	2490	2497	2504	rBV9	19842	48765	1.64%	0.101%

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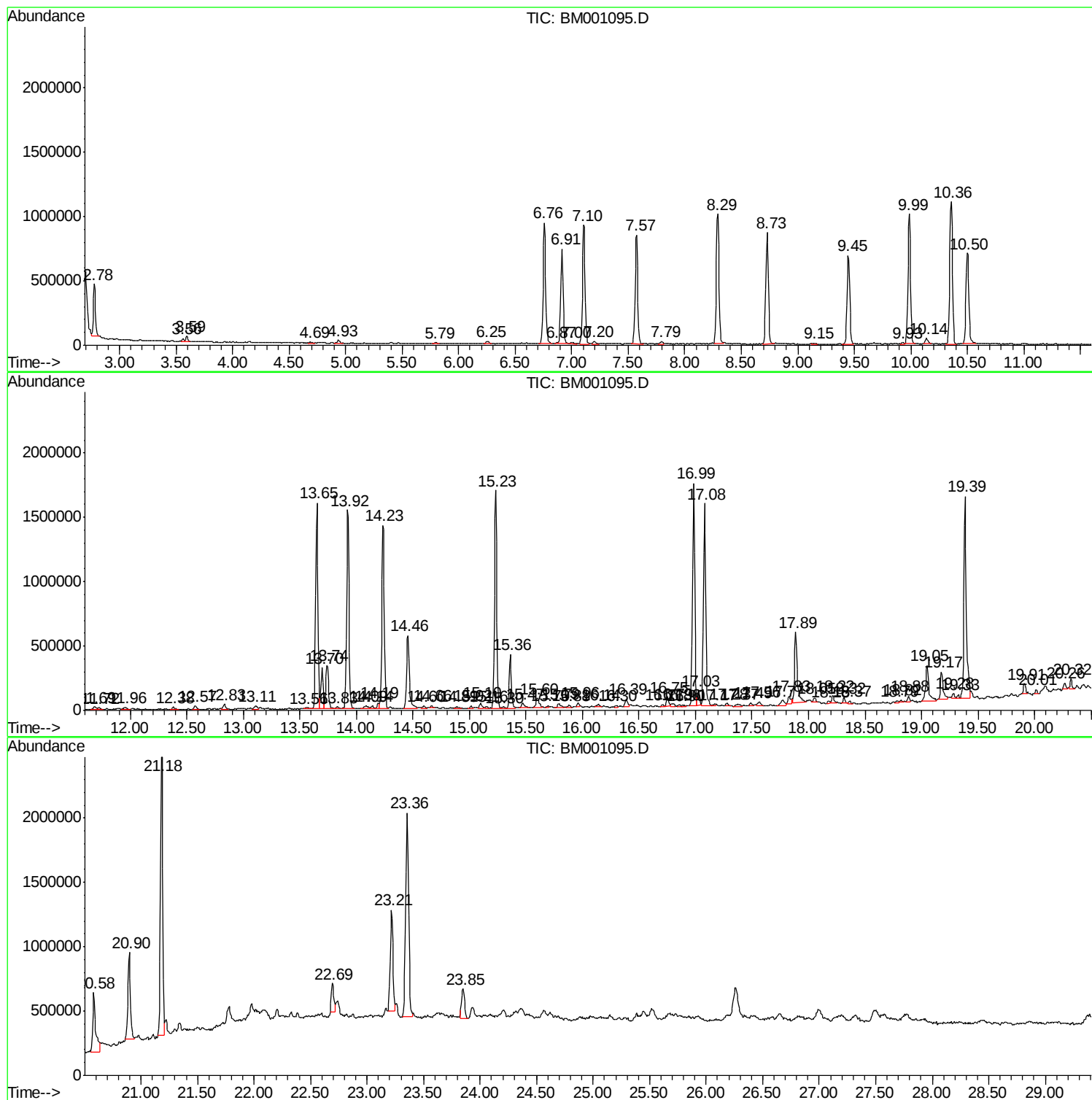
72	17.492	2513	2517	2521	rVV4	26212	36324	1.22%	0.076%
73	17.562	2525	2529	2535	rVB9	30413	58519	1.96%	0.122%
74	17.774	2556	2565	2570	rBV8	44963	124180	4.17%	0.258%
75	17.827	2570	2574	2578	rBV5	61868	107718	3.61%	0.224%
76	17.886	2580	2584	2599	rVB	542522	852336	28.60%	1.772%
77	18.051	2608	2612	2616	rBV6	29769	46514	1.56%	0.097%
78	18.180	2631	2634	2637	rVV5	16776	26669	0.89%	0.055%
79	18.215	2637	2640	2645	rVB4	54634	76060	2.55%	0.158%
80	18.315	2653	2657	2662	rBV6	43257	50935	1.71%	0.106%
81	18.368	2662	2666	2669	rVB3	19179	25011	0.84%	0.052%
82	18.786	2733	2737	2739	rBV5	15087	19425	0.65%	0.040%
83	18.815	2740	2742	2746	rVB6	15800	16473	0.55%	0.034%
84	18.880	2750	2753	2757	rBV4	45359	64211	2.15%	0.134%
85	19.050	2773	2782	2796	rBV	279112	556164	18.66%	1.157%
86	19.174	2799	2803	2812	rBV	211750	332059	11.14%	0.691%
87	19.280	2818	2821	2826	rVB6	36194	52559	1.76%	0.109%
88	19.327	2826	2829	2831	rBV3	29444	26671	0.89%	0.055%
89	19.386	2831	2839	2847	rBV2	1567182	2413965	80.99%	5.020%
90	19.909	2925	2928	2932	rVB5	76421	95915	3.22%	0.199%
91	20.009	2943	2945	2949	rVB4	35556	44187	1.48%	0.092%
92	20.262	2986	2988	2993	rVB5	42031	52773	1.77%	0.110%
93	20.321	2995	2998	3003	rVB	76145	83281	2.79%	0.173%
94	20.580	3038	3042	3051	rBV	462498	840594	28.20%	1.748%
95	20.897	3090	3096	3103	rBV2	669020	1044496	35.04%	2.172%
96	21.180	3139	3144	3149	rBV	2161634	2980715	100.00%	6.198%
97	22.691	3398	3401	3406	rBV2	221639	344667	11.56%	0.717%
98	23.215	3485	3490	3495	rBV	780640	1315228	44.12%	2.735%
99	23.356	3507	3514	3522	rBV	1581884	2845783	95.47%	5.918%
100	23.850	3594	3598	3605	rVB2	232942	423180	14.20%	0.880%

Sum of corrected areas: 48087702

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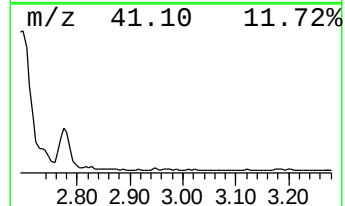
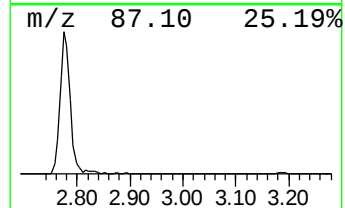
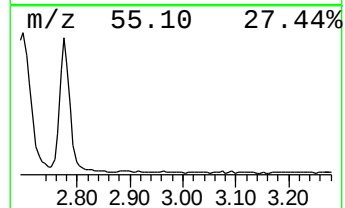
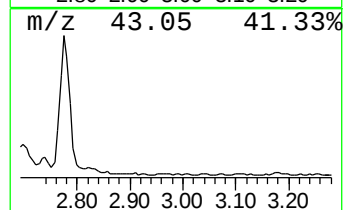
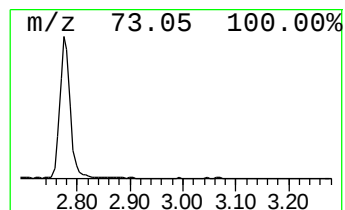
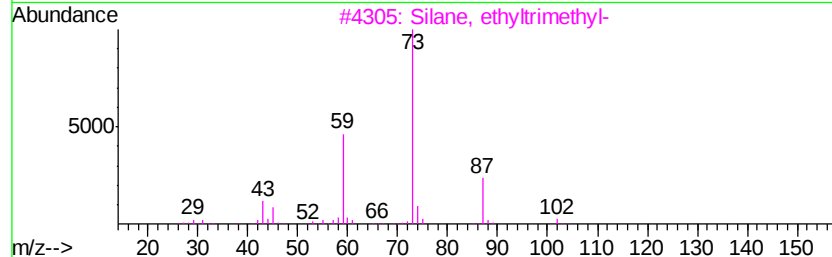
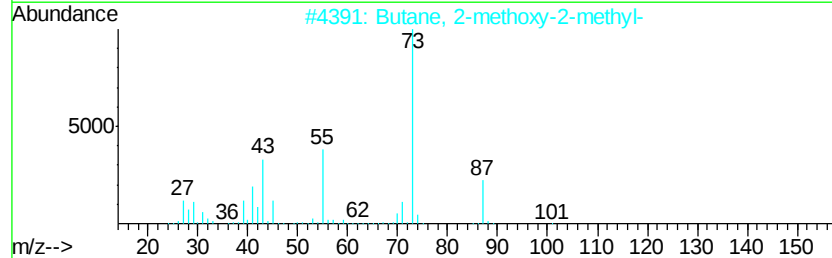
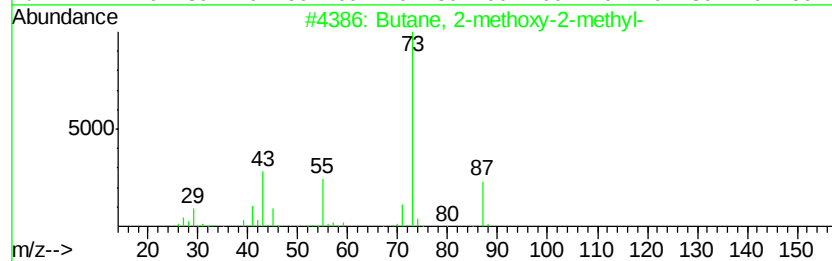
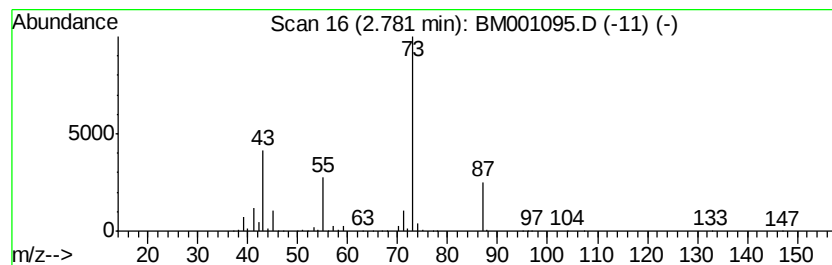
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	7.91 ng/ul	531950	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	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	32



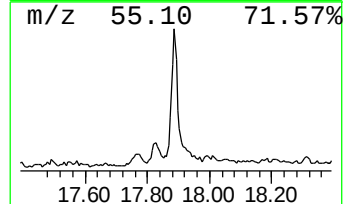
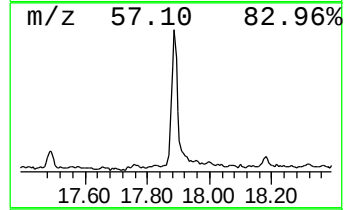
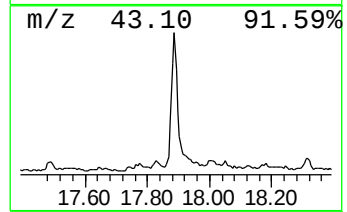
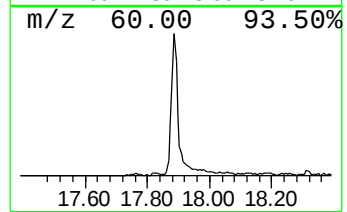
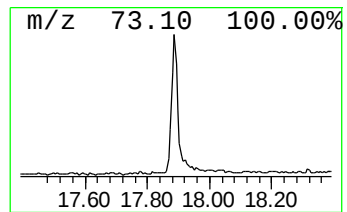
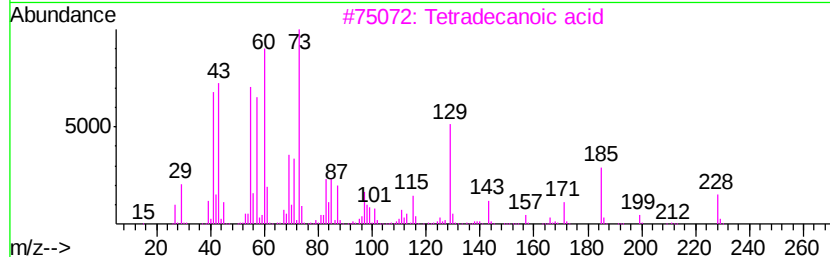
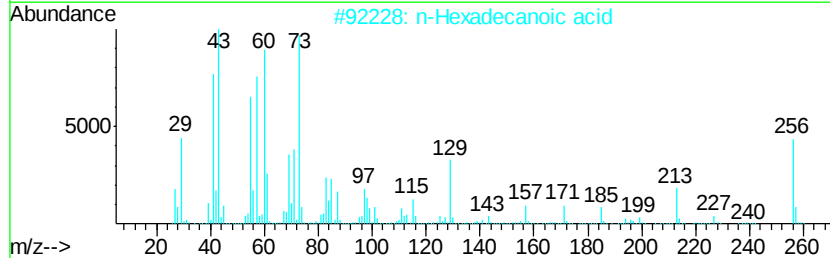
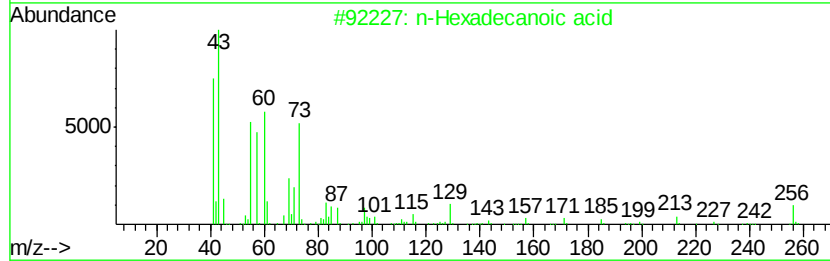
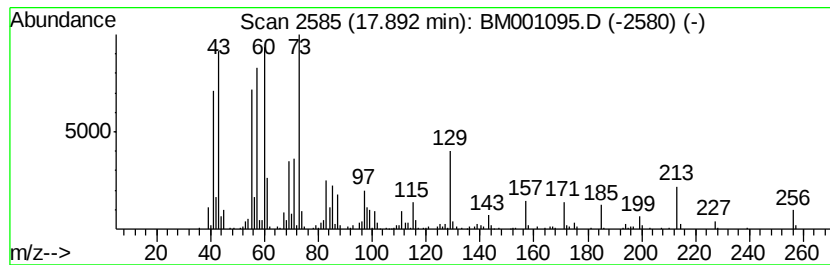
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.89	6.91 ng/ul	852336	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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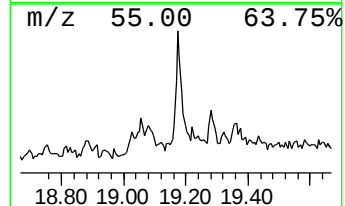
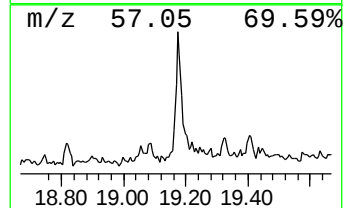
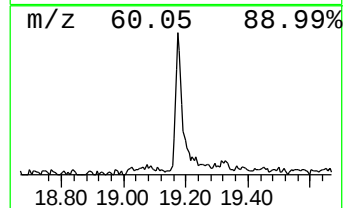
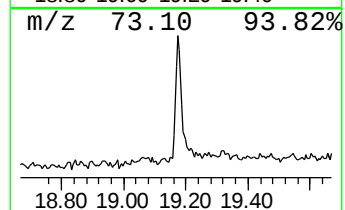
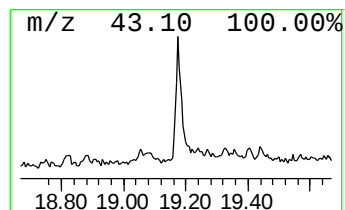
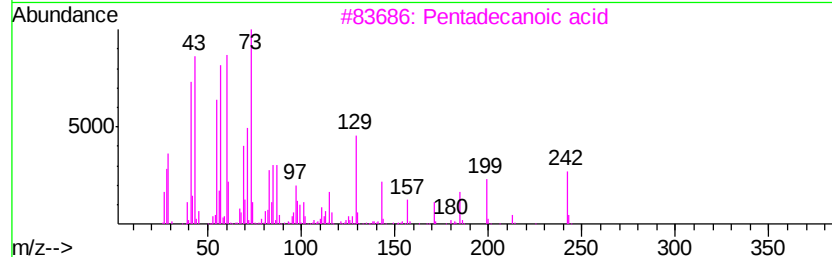
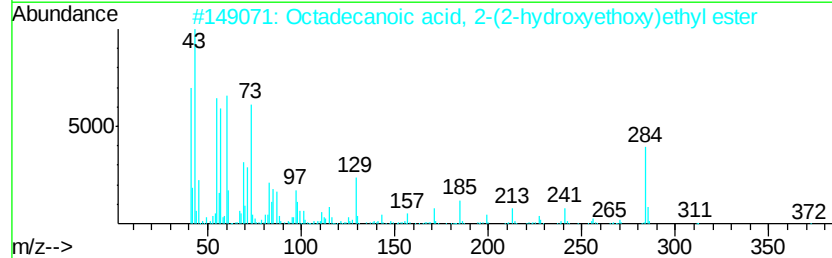
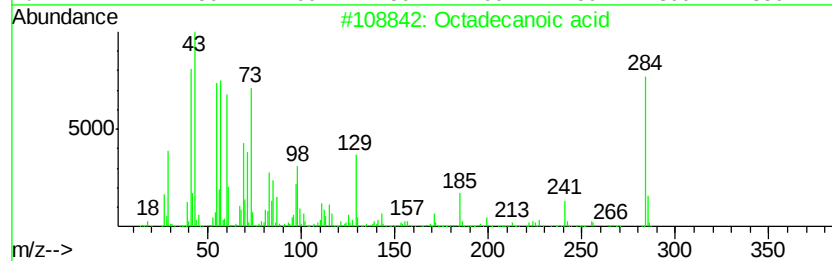
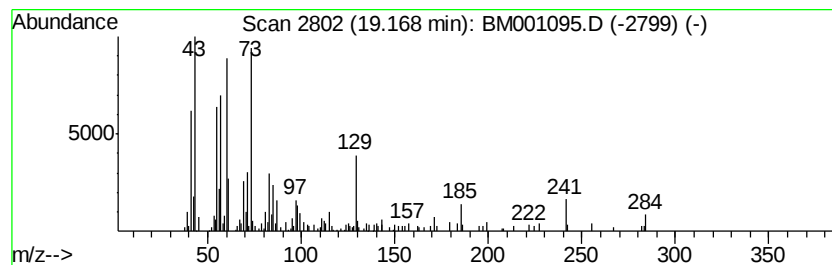
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.23 ng/ul	332059	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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ALS Vial : 29 Sample Multiplier: 1

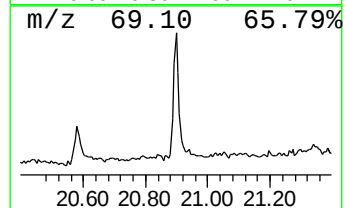
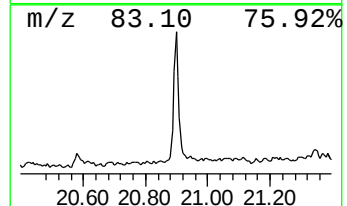
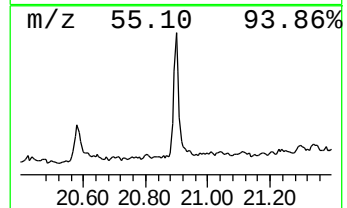
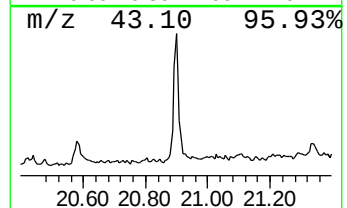
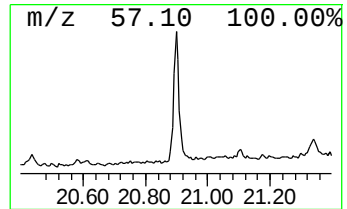
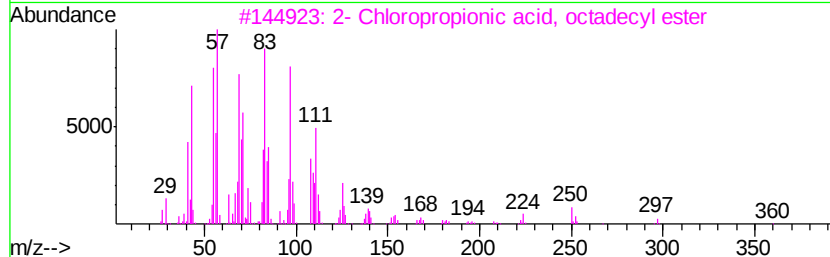
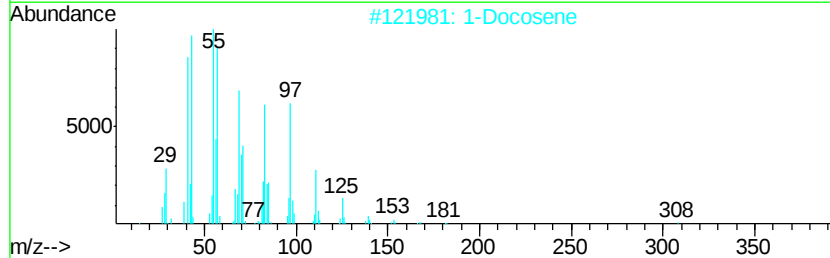
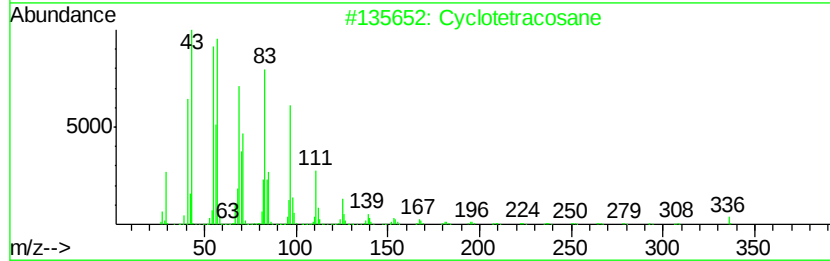
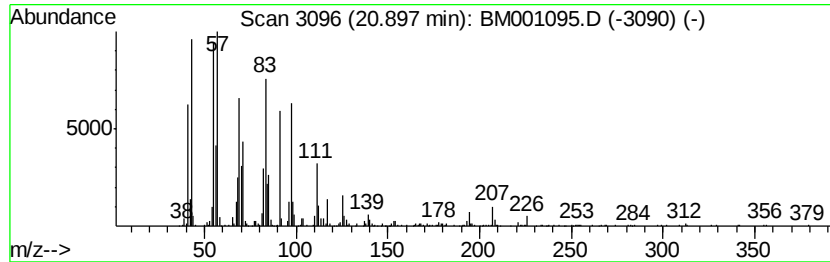
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chain Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	7.01 ng/ul	1044500	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	94
2		1-Docosene	308	C22H44	001599-67-3	94
3		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5		11-Tricosene	322	C23H46	052078-56-5	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001095.D
Acq On : 21 Apr 2015 09:22
Operator : TP/IZ
Sample : G1859-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

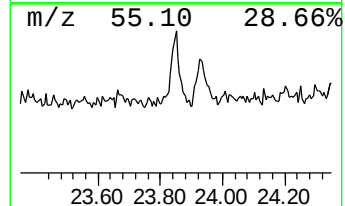
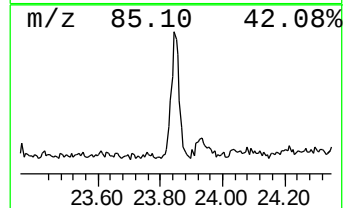
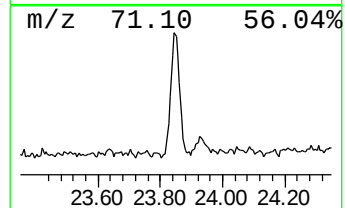
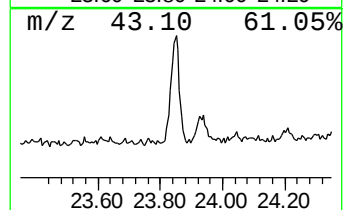
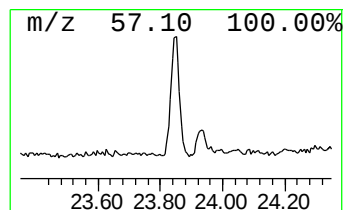
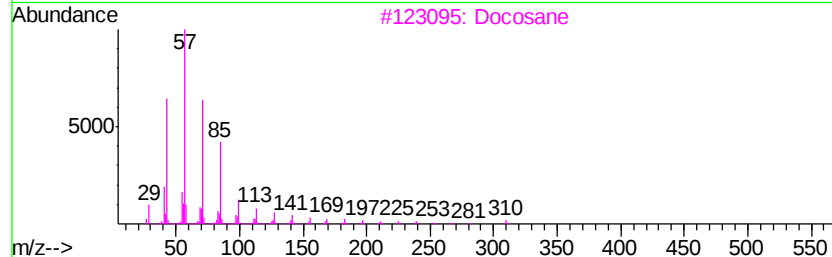
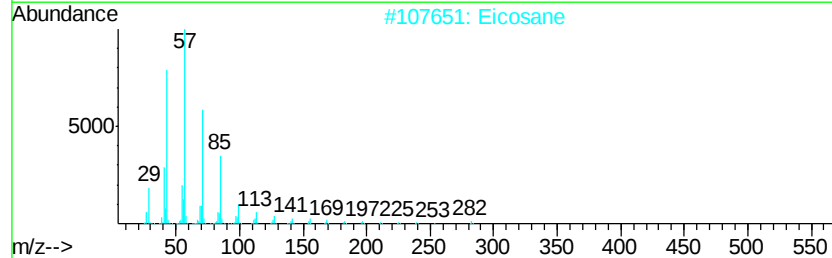
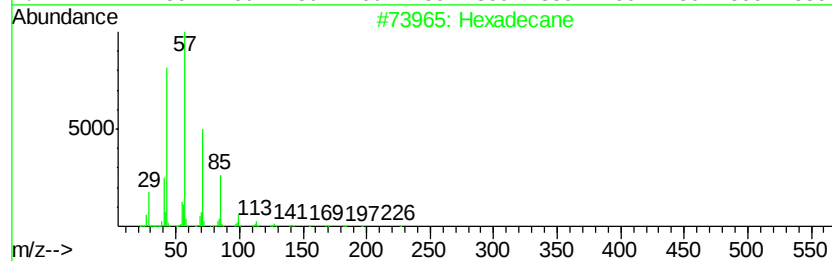
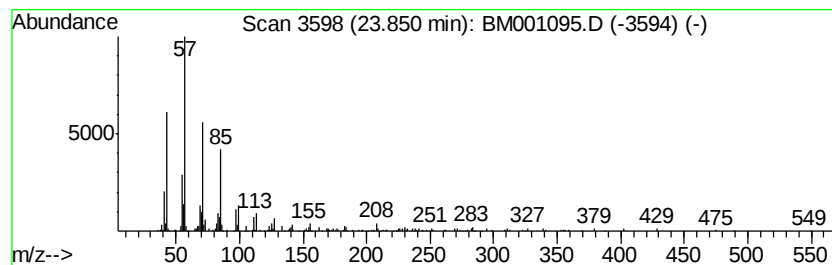
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chain Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	2.97 ng/ul	423180	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Eicosane	282	C20H42	000112-95-8	93
3		Docosane	310	C22H46	000629-97-0	91
4		Octacosane	394	C28H58	000630-02-4	90
5		10-Methylnonadecane	282	C20H42	056862-62-5	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042015\
Data File : BM001095.D
Acq On : 21 Apr 2015 09:22
Operator : TP/IZ
Sample : G1859-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.78	7.9	ng/ul	531950	1	7.57	1344210	20.0
n-Hexadecanoic acid	17.89	6.9	ng/ul	852336	4	16.99	2467240	20.0
Octadecanoic acid	19.17	2.2	ng/ul	332059	5	21.19	2980720	20.0
(DEL) Alkane: Str...	20.90	7.0	ng/ul	1044500	5	21.19	2980720	20.0
(DEL) Alkane: Str...	23.85	3.0	ng/ul	423180	6	23.36	2845780	20.0