

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
 Data File : BM001072.D
 Acq On : 20 Apr 2015 19:01
 Operator : TP/IZ
 Sample : G1873-01
 Misc :
 ALS Vial : 7 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	10	15	34	rVB	981318	1353469	29.63%	2.557%
2	3.328	107	109	110	rVB2	8715	4824	0.11%	0.009%
3	3.416	122	124	126	rVB3	8518	5927	0.13%	0.011%
4	3.681	167	169	172	rVB4	5535	6184	0.14%	0.012%
5	3.881	201	203	205	rVB3	7488	5933	0.13%	0.011%
6	3.940	211	213	215	rBV3	4276	4767	0.10%	0.009%
7	4.699	341	342	347	rVB5	5543	4912	0.11%	0.009%
8	4.787	353	357	359	rBV4	4725	4744	0.10%	0.009%
9	5.598	492	495	496	rBV3	5326	5100	0.11%	0.010%
10	5.646	501	503	507	rVV4	6149	6359	0.14%	0.012%
11	5.793	522	528	531	rBV7	9026	15040	0.33%	0.028%
12	6.234	597	603	605	rVB8	4360	5567	0.12%	0.011%
13	6.416	632	634	638	rVB5	5300	5882	0.13%	0.011%
14	6.751	685	691	701	rBV2	240176	442731	9.69%	0.837%
15	6.910	711	718	728	rBV	729763	1106036	24.21%	2.090%
16	7.004	731	734	737	rVB4	5134	6221	0.14%	0.012%
17	7.104	743	751	758	rBV	816245	1237042	27.08%	2.337%
18	7.198	762	767	772	rVV2	39217	62140	1.36%	0.117%
19	7.375	792	797	798	rBV4	3384	4904	0.11%	0.009%
20	7.422	802	805	809	rBV5	3149	5317	0.12%	0.010%
21	7.569	823	830	838	rBV	893114	1393738	30.51%	2.634%
22	7.640	838	842	845	rVV6	7046	9473	0.21%	0.018%
23	7.804	864	870	873	rBV6	8370	15858	0.35%	0.030%
24	8.104	918	921	924	rBV5	4925	7875	0.17%	0.015%
25	8.228	939	942	943	rBV3	5843	5046	0.11%	0.010%
26	8.287	946	952	958	rVV	632745	976189	21.37%	1.845%
27	8.728	1019	1027	1036	rBV	895450	1441994	31.57%	2.725%
28	8.892	1053	1055	1064	rVB8	6778	13546	0.30%	0.026%
29	9.151	1093	1099	1105	rVB8	6787	15031	0.33%	0.028%
30	9.257	1112	1117	1120	rVB8	3217	4913	0.11%	0.009%
31	9.445	1142	1149	1158	rBV	729998	1193753	26.14%	2.256%
32	9.698	1188	1192	1196	rBV5	4522	9229	0.20%	0.017%
33	9.892	1222	1225	1226	rBV3	4908	4845	0.11%	0.009%
34	9.981	1231	1240	1250	rVV	1036900	1706210	37.35%	3.224%

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35	10.063	1252	1254	1259	rVB6	4146	4944	0.11%	0.009%
36	10.210	1276	1279	1281	rBV3	4130	4981	0.11%	0.009%
37	10.228	1281	1282	1286	rVB4	4666	4922	0.11%	0.009%
38	10.263	1286	1288	1293	rVB6	4177	6221	0.14%	0.012%
39	10.357	1297	1304	1314	rVV	1153958	1923231	42.11%	3.634%
40	10.451	1314	1320	1322	rVV7	6731	13602	0.30%	0.026%
41	10.504	1322	1329	1338	rVB2	55398	105971	2.32%	0.200%
42	10.657	1352	1355	1357	rBV4	5752	8496	0.19%	0.016%
43	11.680	1524	1529	1537	rBV	63294	104860	2.30%	0.198%
44	11.845	1556	1557	1560	rBV3	5282	5363	0.12%	0.010%
45	11.951	1570	1575	1581	rVB3	24999	40780	0.89%	0.077%
46	12.004	1581	1584	1589	rBV7	3293	6395	0.14%	0.012%
47	12.575	1675	1681	1687	rBV3	18976	27222	0.60%	0.051%
48	12.680	1695	1699	1701	rVV5	4341	6158	0.13%	0.012%
49	12.833	1721	1725	1729	rBV2	30151	40715	0.89%	0.077%
50	13.063	1759	1764	1767	rBV6	6491	8526	0.19%	0.016%
51	13.139	1774	1777	1781	rVB5	4446	6241	0.14%	0.012%
52	13.651	1857	1864	1869	rBV	1837447	2531540	55.42%	4.784%
53	13.692	1869	1871	1877	rVV	113911	148682	3.26%	0.281%
54	13.851	1893	1898	1900	rBV6	4735	7456	0.16%	0.014%
55	13.922	1901	1910	1917	rBV	2195031	3221570	70.53%	6.087%
56	14.069	1930	1935	1944	rVV2	47516	93998	2.06%	0.178%
57	14.145	1944	1948	1954	rVB5	17456	25575	0.56%	0.048%
58	14.233	1957	1963	1971	rBV2	1584223	2341664	51.27%	4.425%
59	14.445	1994	1999	2009	rBV	183253	310727	6.80%	0.587%
60	14.645	2028	2033	2034	rBV4	5232	6889	0.15%	0.013%
61	14.663	2034	2036	2045	rVB7	18480	25100	0.55%	0.047%
62	14.827	2062	2064	2067	rVB4	5162	5892	0.13%	0.011%
63	14.916	2077	2079	2082	rVB3	6918	7102	0.16%	0.013%
64	15.068	2097	2105	2108	rBV4	20669	34843	0.76%	0.066%
65	15.098	2108	2110	2114	rVB5	12296	13391	0.29%	0.025%
66	15.233	2126	2133	2142	rVV	2784529	3896891	85.32%	7.363%
67	15.363	2149	2155	2165	rBV	909042	1257556	27.53%	2.376%
68	15.474	2169	2174	2179	rVB3	31940	46029	1.01%	0.087%
69	15.604	2184	2196	2203	rBV	193697	281117	6.15%	0.531%
70	15.774	2222	2225	2226	rBV3	5028	5014	0.11%	0.009%
71	15.798	2226	2229	2231	rVV3	9435	13506	0.30%	0.026%

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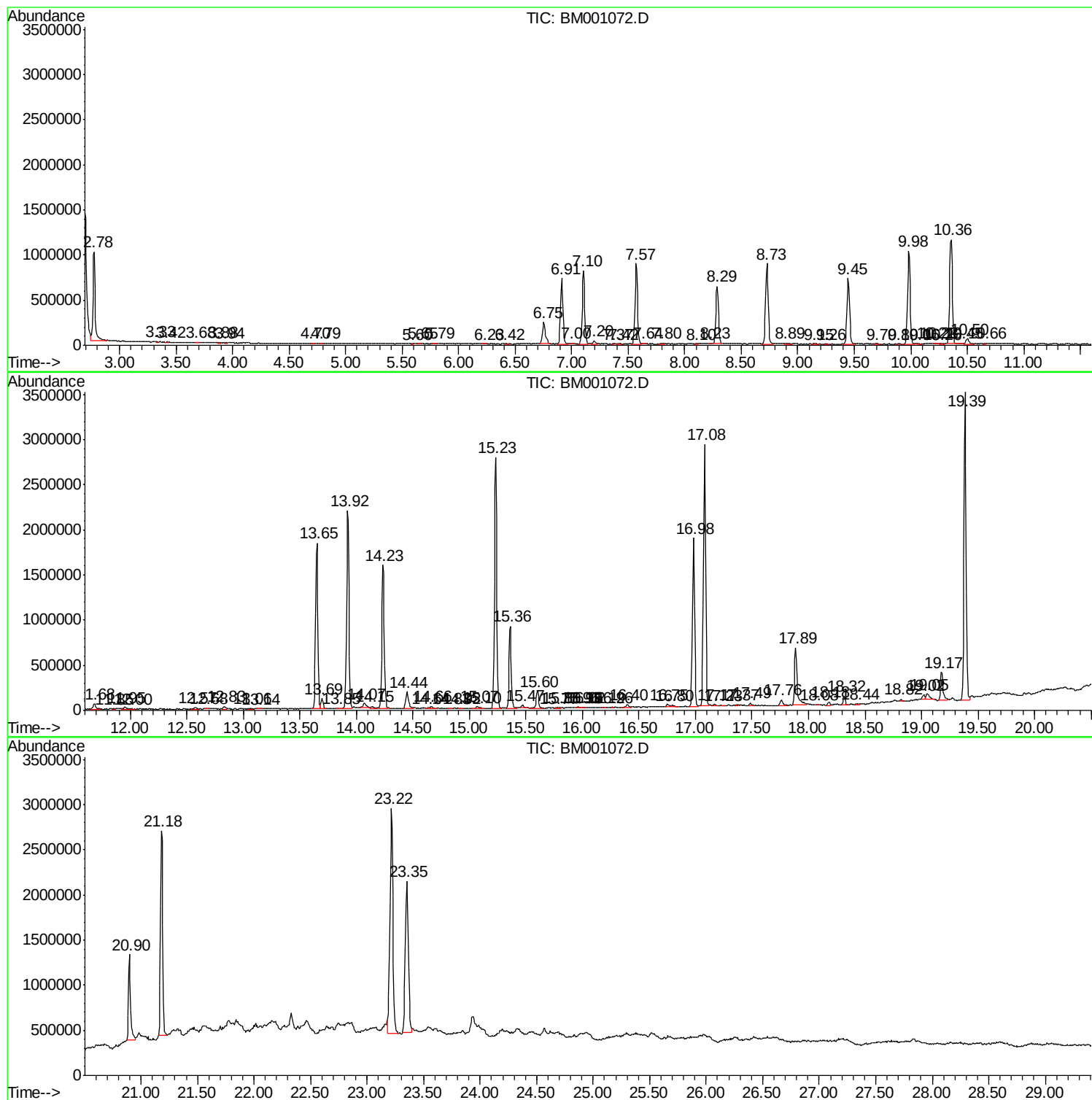
72	15.963	2254	2257	2259	rVV4	9520	10155	0.22%	0.019%
73	15.986	2259	2261	2264	rVB3	5731	6718	0.15%	0.013%
74	16.015	2264	2266	2268	rBV3	6106	6244	0.14%	0.012%
75	16.186	2293	2295	2297	rBV2	7317	6340	0.14%	0.012%
76	16.263	2306	2308	2310	rBV3	6646	5174	0.11%	0.010%
77	16.398	2322	2331	2336	rBV7	34161	69948	1.53%	0.132%
78	16.751	2388	2391	2397	rVV6	32233	56025	1.23%	0.106%
79	16.798	2397	2399	2407	rVB6	19315	31321	0.69%	0.059%
80	16.980	2424	2430	2437	rBV2	1869692	2612059	57.19%	4.936%
81	17.080	2441	2447	2454	rVV2	2894551	4017658	87.96%	7.592%
82	17.168	2459	2462	2466	rVV5	19145	28919	0.63%	0.055%
83	17.227	2470	2472	2477	rVB6	9734	11593	0.25%	0.022%
84	17.374	2493	2497	2498	rBV4	12298	14692	0.32%	0.028%
85	17.486	2513	2516	2521	rVB4	29652	37283	0.82%	0.070%
86	17.757	2558	2562	2571	rBV5	65576	121421	2.66%	0.229%
87	17.886	2579	2584	2600	rBV	635096	974478	21.33%	1.841%
88	18.080	2615	2617	2619	rVB3	8361	5735	0.13%	0.011%
89	18.180	2630	2634	2637	rBV4	39493	47540	1.04%	0.090%
90	18.315	2653	2657	2662	rVB2	99871	123865	2.71%	0.234%
91	18.439	2672	2678	2681	rBV7	17337	38662	0.85%	0.073%
92	18.821	2741	2743	2746	rVB3	22912	16770	0.37%	0.032%
93	19.021	2773	2777	2779	rBV2	48256	66677	1.46%	0.126%
94	19.051	2779	2782	2791	rVB9	62996	119113	2.61%	0.225%
95	19.174	2799	2803	2813	rBV	306136	470563	10.30%	0.889%
96	19.386	2833	2839	2846	rBV	3413214	4567634	100.00%	8.631%
97	20.898	3092	3096	3105	rBV	946332	1223494	26.79%	2.312%
98	21.180	3140	3144	3153	rVB	2270803	2923581	64.01%	5.524%
99	23.215	3484	3490	3500	rVB2	2494201	4502766	98.58%	8.508%
100	23.350	3507	3513	3520	rBV	1680967	3121408	68.34%	5.898%

Sum of corrected areas: 52921805

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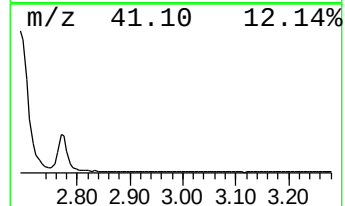
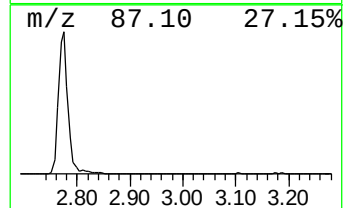
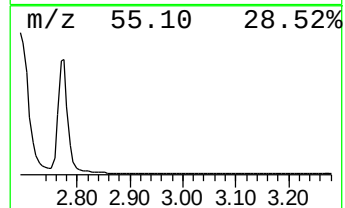
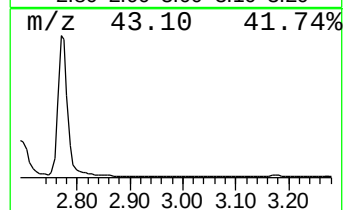
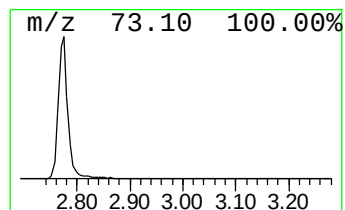
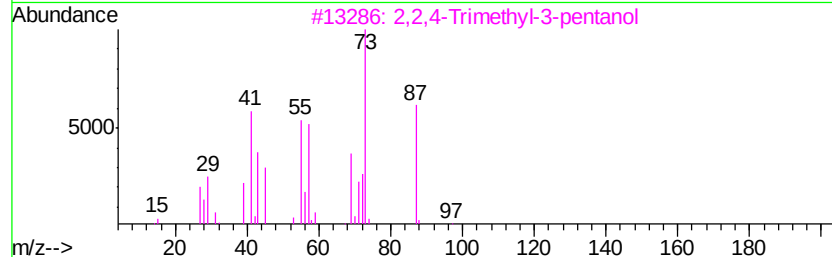
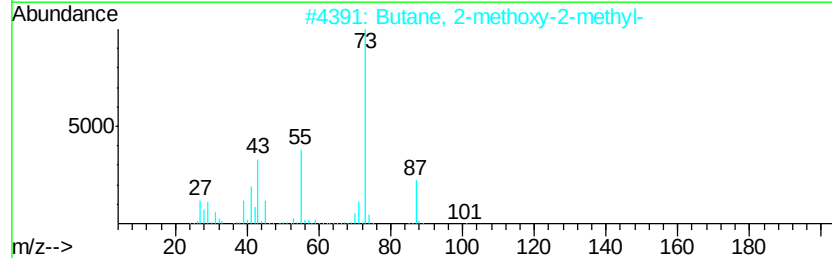
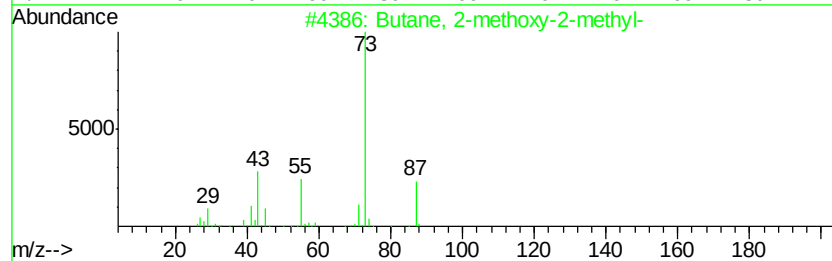
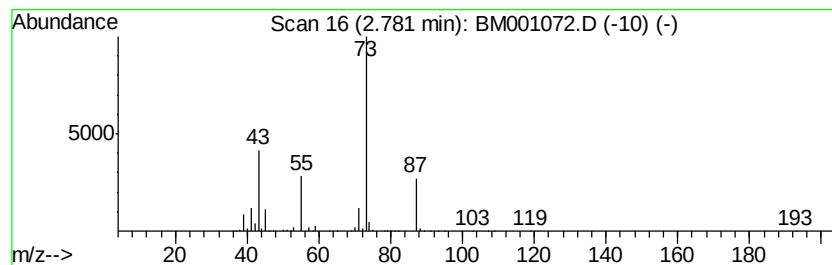
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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	19.42 ng/ul	1353470	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		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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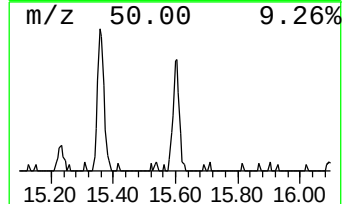
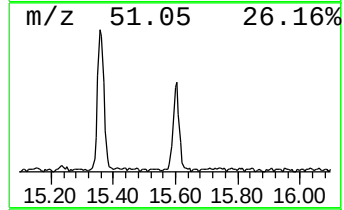
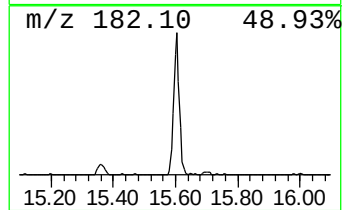
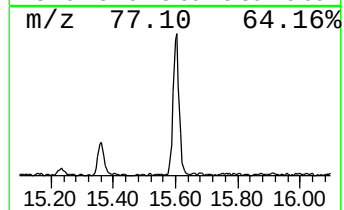
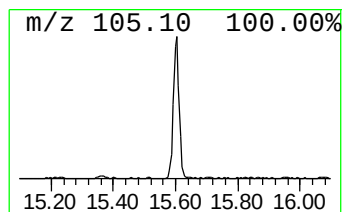
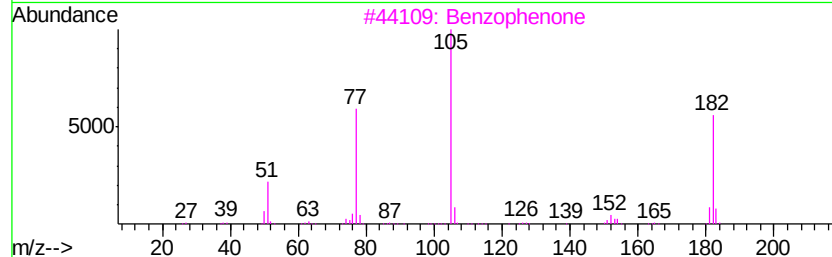
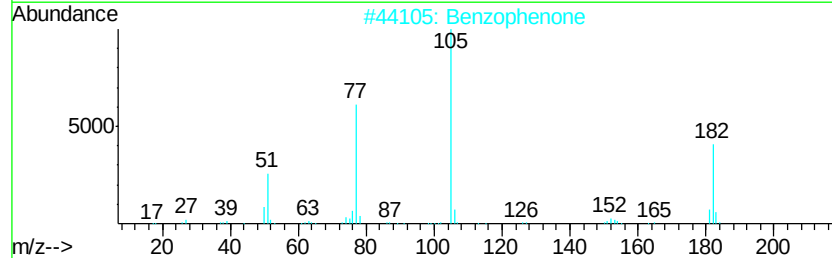
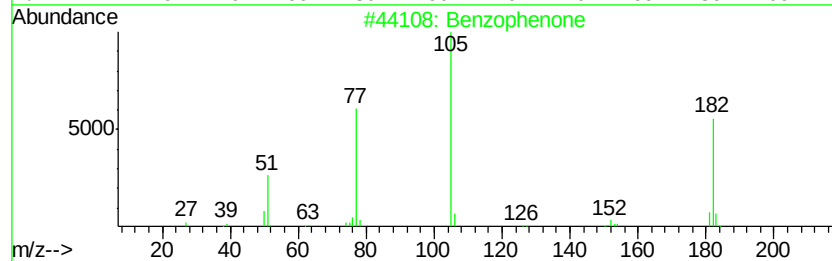
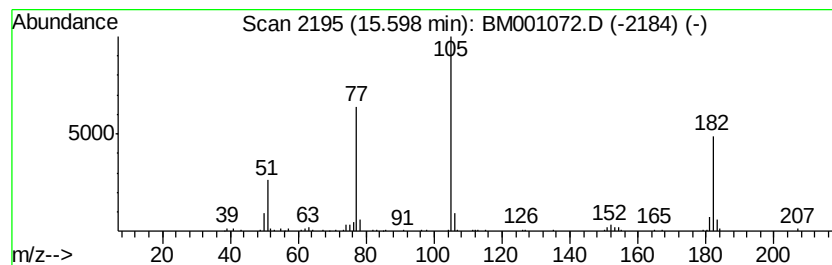
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.40 ng/ul	281117	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	96
2		Benzophenone	182	C13H10O	000119-61-9	95
3		Benzophenone	182	C13H10O	000119-61-9	95
4		Benzophenone	182	C13H10O	000119-61-9	94
5		Benzophenone	182	C13H10O	000119-61-9	91



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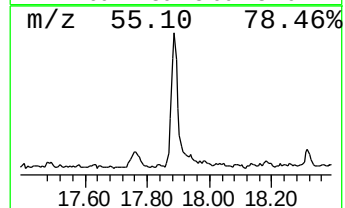
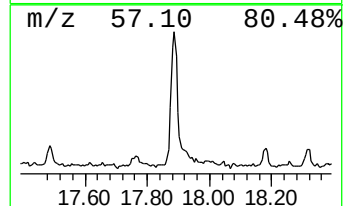
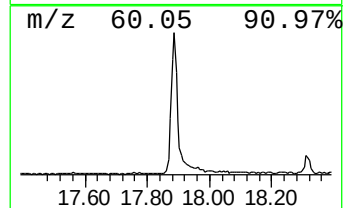
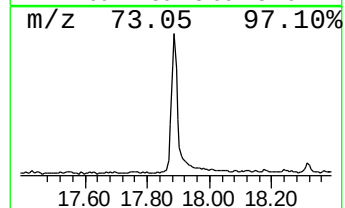
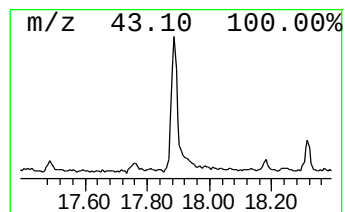
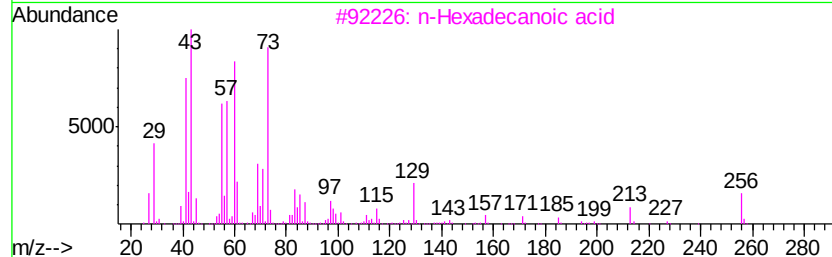
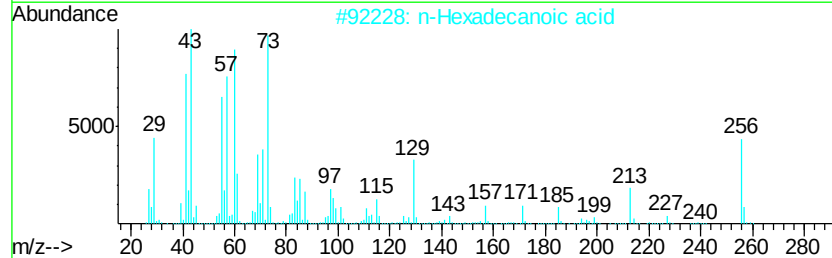
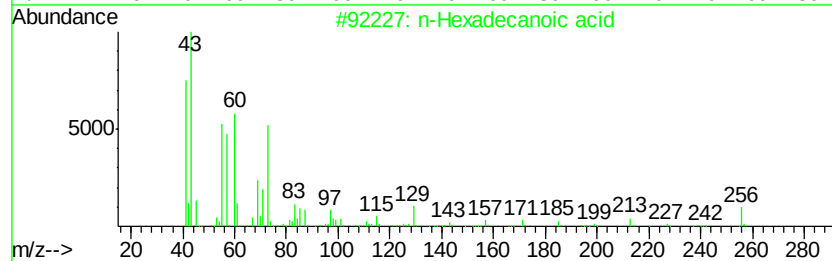
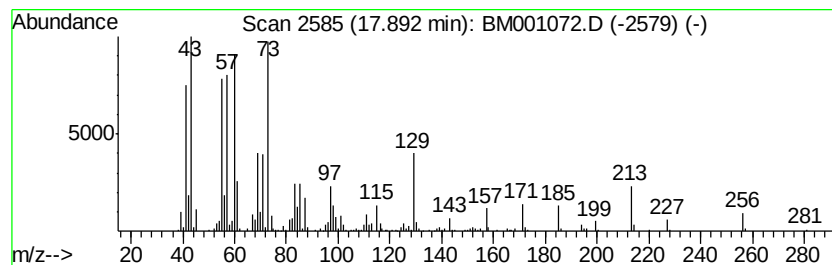
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	7.46 ng/ul	974478	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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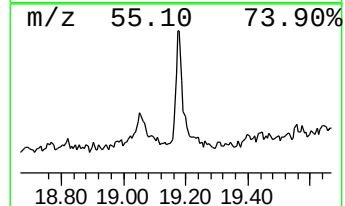
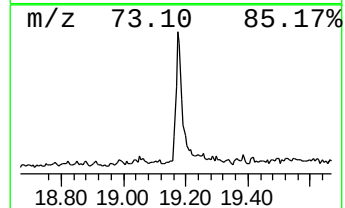
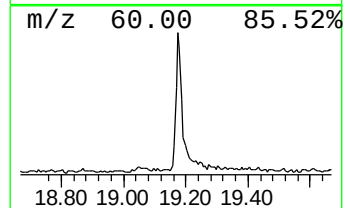
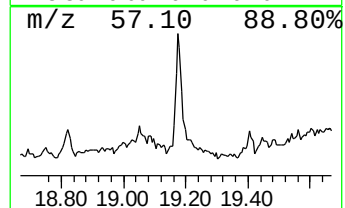
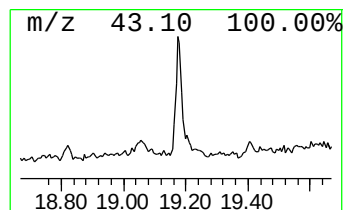
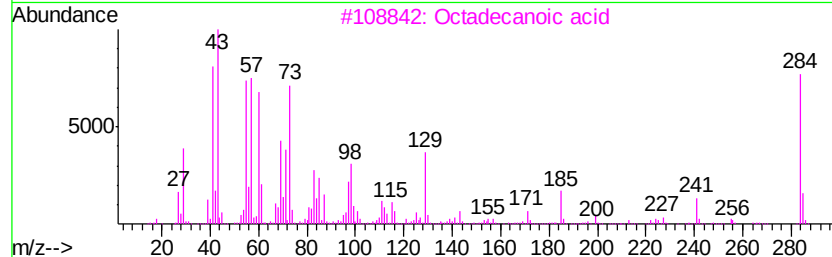
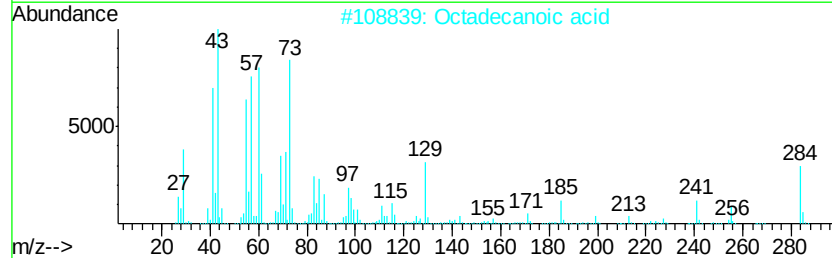
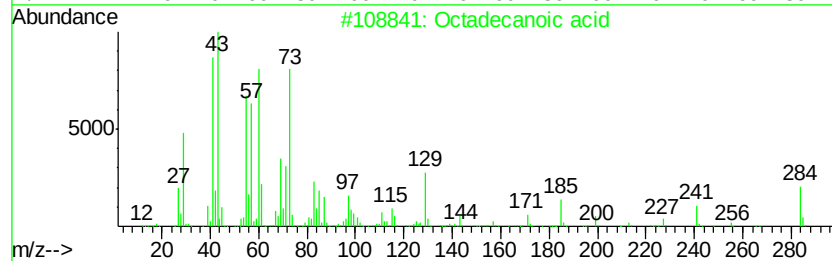
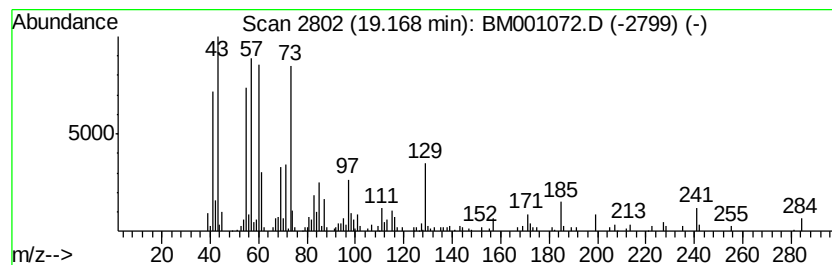
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.22 ng/ul	470563	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Octadecanoic acid	284	C18H36O2	000057-11-4	91
4		Octadecanoic acid	284	C18H36O2	000057-11-4	91
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001072.D
Acq On : 20 Apr 2015 19:01
Operator : TP/IZ
Sample : G1873-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

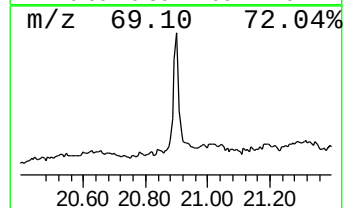
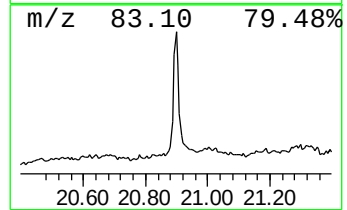
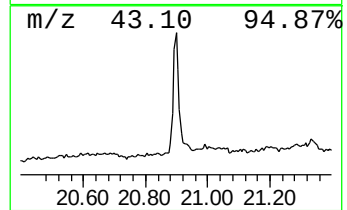
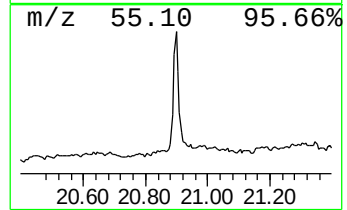
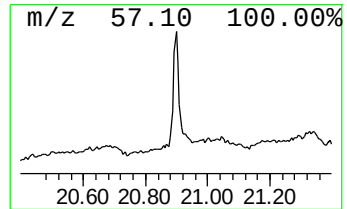
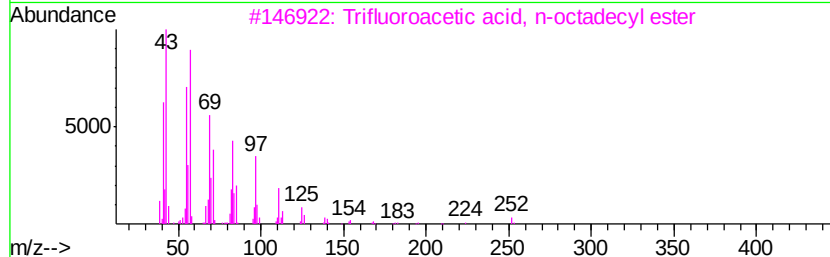
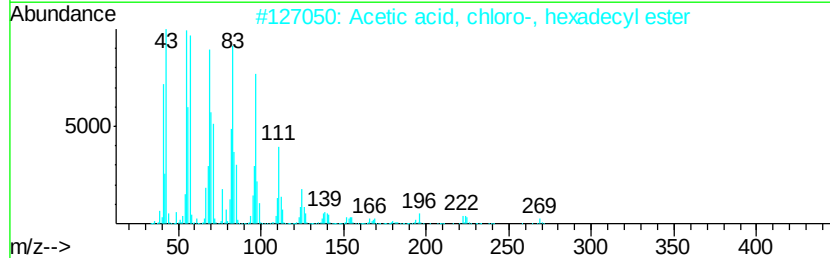
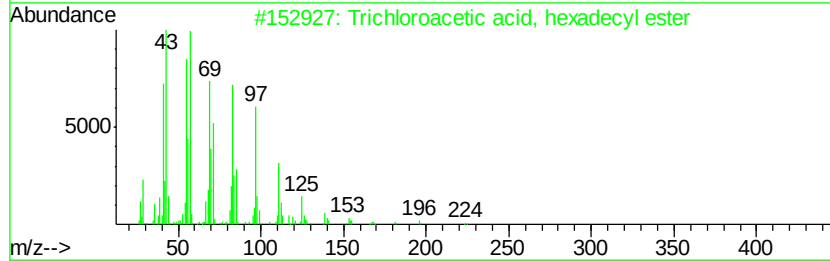
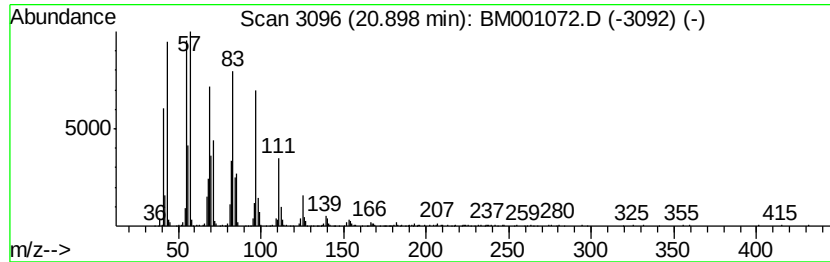
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	8.37 ng/ul	1223490	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	91
3		Trifluoroacetic acid, n-octadecyl ...	366	C20H37F3O2	079392-43-1	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		Cyclotetracosane	336	C24H48	000297-03-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042015\
Data File : BM001072.D
Acq On : 20 Apr 2015 19:01
Operator : TP/IZ
Sample : G1873-01
Misc :
ALS Vial : 7 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	19.4	ng/ul	1353470	1	7.57	1393740	20.0
Benzophenone	15.60	2.4	ng/ul	281117	3	14.23	2341660	20.0
n-Hexadecanoic acid	17.89	7.5	ng/ul	974478	4	16.98	2612060	20.0
Octadecanoic acid	19.17	3.2	ng/ul	470563	5	21.18	2923580	20.0
Trichloroacetic a...	20.90	8.4	ng/ul	1223490	5	21.18	2923580	20.0