

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
 Data File : BM001079.D
 Acq On : 20 Apr 2015 23:13
 Operator : TP/IZ
 Sample : G1873-08
 Misc :
 ALS Vial : 14 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	33	rVB	1087407	1458286	33.82%	2.831%
2	3.181	81	84	87	rVB4	10991	13318	0.31%	0.026%
3	3.346	110	112	115	rBV3	4793	4939	0.11%	0.010%
4	4.005	221	224	226	rVB3	4624	4974	0.12%	0.010%
5	4.675	333	338	341	rBV5	5558	9575	0.22%	0.019%
6	5.651	499	504	508	rBV8	7807	14831	0.34%	0.029%
7	5.787	524	527	528	rBV2	6000	6686	0.16%	0.013%
8	6.751	684	691	703	rBV2	256754	486654	11.29%	0.945%
9	6.910	711	718	730	rBV	718849	1095471	25.41%	2.127%
10	6.998	730	733	737	rVV5	5575	10419	0.24%	0.020%
11	7.034	737	739	745	rVV6	3438	5042	0.12%	0.010%
12	7.104	745	751	760	rVV	818950	1257853	29.17%	2.442%
13	7.198	762	767	773	rVB	36973	52628	1.22%	0.102%
14	7.498	815	818	822	rBV6	4323	6896	0.16%	0.013%
15	7.569	822	830	839	rBV	794949	1249638	28.98%	2.426%
16	7.640	839	842	847	rBV6	5987	11678	0.27%	0.023%
17	7.798	864	869	871	rBV5	10835	13796	0.32%	0.027%
18	8.104	915	921	923	rBV6	7048	8851	0.21%	0.017%
19	8.234	940	943	946	rBV4	7033	11415	0.26%	0.022%
20	8.287	946	952	960	rVV	656776	1002731	23.25%	1.947%
21	8.481	982	985	990	rVB5	3852	5475	0.13%	0.011%
22	8.598	1003	1005	1008	rBV4	3700	5203	0.12%	0.010%
23	8.728	1019	1027	1035	rBV	851650	1362782	31.60%	2.646%
24	9.151	1094	1099	1106	rVV9	5181	9370	0.22%	0.018%
25	9.445	1142	1149	1159	rBV	720553	1136566	26.36%	2.207%
26	9.892	1222	1225	1229	rVB4	4647	5165	0.12%	0.010%
27	9.981	1233	1240	1251	rBV	992425	1641231	38.06%	3.186%
28	10.145	1264	1268	1271	rVB5	5489	8217	0.19%	0.016%
29	10.357	1296	1304	1312	rBV	994397	1679037	38.94%	3.260%
30	10.457	1315	1321	1324	rVV6	6588	14165	0.33%	0.028%
31	10.498	1324	1328	1335	rVV2	42205	78100	1.81%	0.152%
32	11.192	1444	1446	1451	rVB3	5201	6716	0.16%	0.013%
33	11.363	1472	1475	1478	rBV5	4073	4972	0.12%	0.010%
34	11.680	1523	1529	1537	rBV	68321	106406	2.47%	0.207%

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35	11.951	1570	1575	1581	rVB3	20481	38552	0.89%	0.075%
36	12.157	1605	1610	1613	rBV6	4299	5811	0.13%	0.011%
37	12.380	1643	1648	1652	rVV6	3139	4724	0.11%	0.009%
38	12.575	1676	1681	1686	rBV3	19526	35800	0.83%	0.070%
39	12.692	1699	1701	1704	rVV4	4642	4718	0.11%	0.009%
40	12.733	1704	1708	1709	rVV3	4250	6326	0.15%	0.012%
41	12.769	1710	1714	1719	rVB7	6606	10215	0.24%	0.020%
42	12.833	1719	1725	1730	rBV4	31597	53400	1.24%	0.104%
43	12.998	1752	1753	1757	rVB4	5179	5196	0.12%	0.010%
44	13.110	1767	1772	1773	rBV4	3700	5146	0.12%	0.010%
45	13.127	1773	1775	1780	rVB4	8424	12962	0.30%	0.025%
46	13.651	1857	1864	1869	rBV	1652311	2261158	52.44%	4.390%
47	13.692	1869	1871	1876	rVB	80942	96568	2.24%	0.187%
48	13.845	1893	1897	1899	rBV5	6178	7960	0.18%	0.015%
49	13.922	1901	1910	1918	rBV	1985230	2914866	67.60%	5.659%
50	14.074	1930	1936	1941	rVV2	40084	80835	1.87%	0.157%
51	14.139	1944	1947	1954	rVB4	17464	28284	0.66%	0.055%
52	14.233	1956	1963	1973	rVB2	1330596	2010894	46.63%	3.904%
53	14.451	1994	2000	2008	rBV	179698	295212	6.85%	0.573%
54	14.598	2023	2025	2028	rVB3	5922	5829	0.14%	0.011%
55	14.663	2032	2036	2040	rBV5	14323	21106	0.49%	0.041%
56	14.833	2062	2065	2067	rBV3	4939	4558	0.11%	0.009%
57	14.869	2070	2071	2073	rBV2	4698	4542	0.11%	0.009%
58	14.898	2073	2076	2078	rVB4	9567	8740	0.20%	0.017%
59	15.063	2101	2104	2108	rBV	19352	26905	0.62%	0.052%
60	15.098	2108	2110	2113	rVB3	10759	10389	0.24%	0.020%
61	15.233	2126	2133	2142	rVB	2513650	3517521	81.58%	6.829%
62	15.363	2149	2155	2163	rVV	818057	1115049	25.86%	2.165%
63	15.468	2170	2173	2176	rBV2	30776	38049	0.88%	0.074%
64	15.504	2177	2179	2183	rVB5	18029	19331	0.45%	0.038%
65	15.604	2187	2196	2201	rBV	205873	298874	6.93%	0.580%
66	15.792	2224	2228	2231	rVB6	10732	14577	0.34%	0.028%
67	15.827	2231	2234	2240	rBV8	10509	20781	0.48%	0.040%
68	15.980	2254	2260	2266	rBV	39669	70392	1.63%	0.137%
69	16.068	2273	2275	2278	rBV4	6409	10421	0.24%	0.020%
70	16.180	2292	2294	2298	rBV5	9455	12890	0.30%	0.025%
71	16.263	2306	2308	2312	rBV5	13896	16523	0.38%	0.032%

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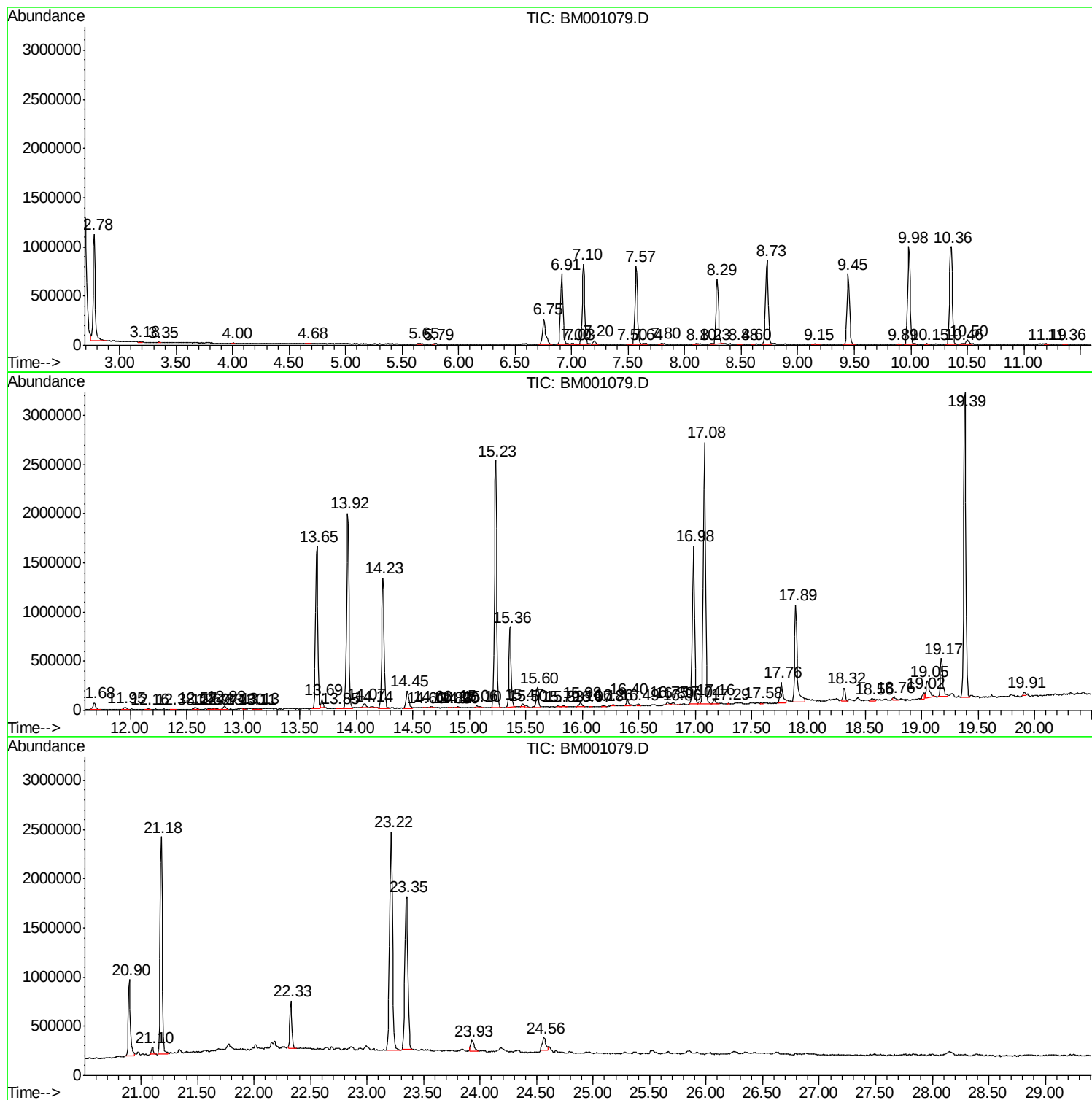
72	16.398	2327	2331	2336	rBV5	64411	84129	1.95%	0.163%
73	16.492	2345	2347	2351	rVB5	20768	26088	0.61%	0.051%
74	16.751	2388	2391	2396	rBV7	35369	60618	1.41%	0.118%
75	16.798	2397	2399	2403	rVB4	26415	35851	0.83%	0.070%
76	16.863	2406	2410	2411	rBV4	10490	11996	0.28%	0.023%
77	16.980	2424	2430	2436	rBV	1607674	2235768	51.85%	4.341%
78	17.039	2436	2440	2441	rVV4	19964	25125	0.58%	0.049%
79	17.080	2441	2447	2456	rVV	2658495	3627410	84.12%	7.043%
80	17.162	2458	2461	2469	rVB4	43492	59894	1.39%	0.116%
81	17.292	2481	2483	2484	rVB2	10256	5254	0.12%	0.010%
82	17.580	2530	2532	2534	rVB3	9869	7757	0.18%	0.015%
83	17.757	2557	2562	2570	rBV	214271	373333	8.66%	0.725%
84	17.886	2579	2584	2598	rBV	990616	1474869	34.20%	2.863%
85	18.315	2653	2657	2661	rVB	129401	163391	3.79%	0.317%
86	18.562	2695	2699	2705	rBV9	24477	55825	1.29%	0.108%
87	18.756	2730	2732	2738	rVB6	34443	42582	0.99%	0.083%
88	19.021	2772	2777	2778	rBV2	62987	81274	1.88%	0.158%
89	19.051	2779	2782	2793	rVB2	168066	329190	7.63%	0.639%
90	19.174	2799	2803	2813	rBV	392217	582919	13.52%	1.132%
91	19.386	2833	2839	2846	rBV	3100127	4312003	100.00%	8.372%
92	19.909	2925	2928	2931	rBV5	29588	40935	0.95%	0.079%
93	20.898	3091	3096	3104	rBV	777758	1028054	23.84%	1.996%
94	21.103	3128	3131	3135	rVB	70473	77112	1.79%	0.150%
95	21.180	3139	3144	3154	rBV	2207842	2817970	65.35%	5.471%
96	22.327	3335	3339	3347	rVB	491461	635609	14.74%	1.234%
97	23.215	3482	3490	3504	rBV2	2223265	4106102	95.22%	7.972%
98	23.350	3506	3513	3521	rVB2	1548678	2795034	64.82%	5.427%
99	23.927	3608	3611	3620	rVB6	112633	218779	5.07%	0.425%
100	24.562	3714	3719	3725	rBV7	135894	307347	7.13%	0.597%

Sum of corrected areas: 51506408

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



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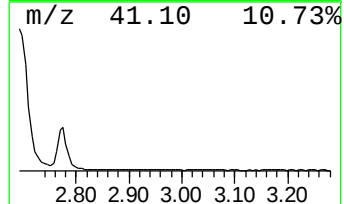
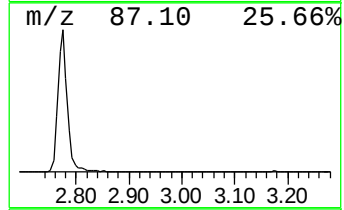
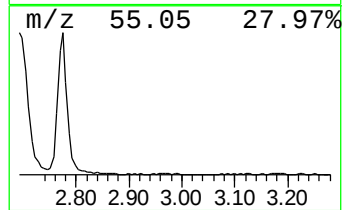
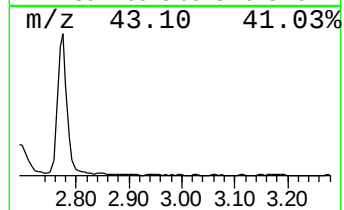
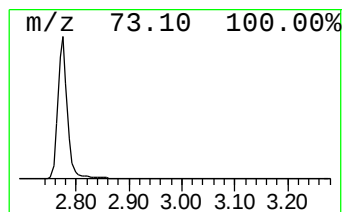
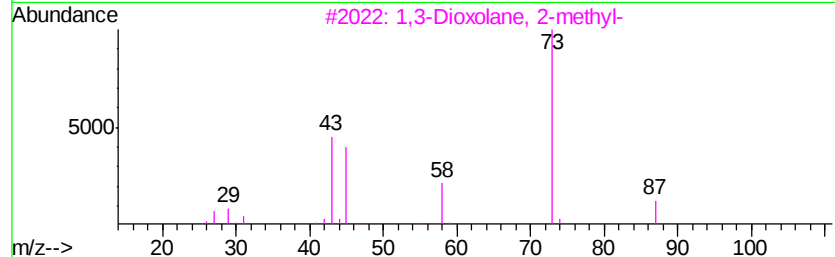
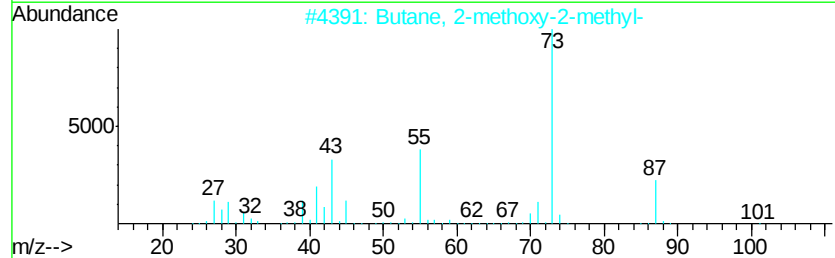
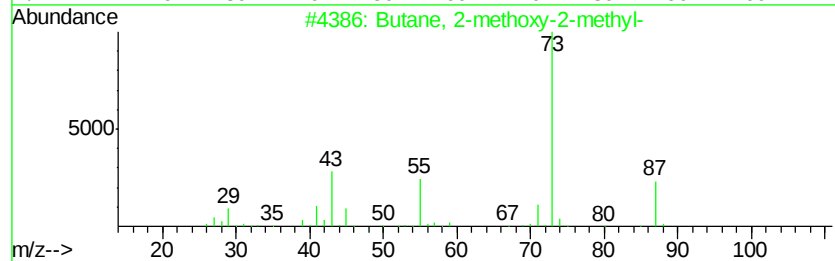
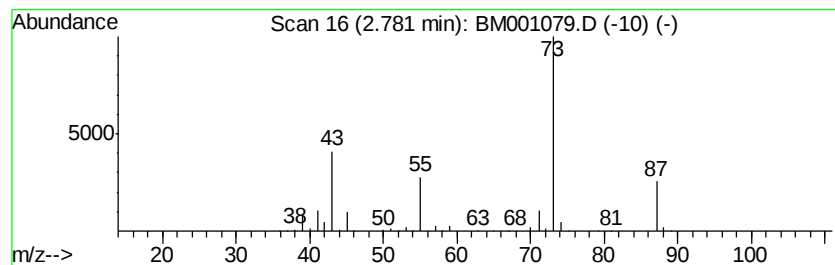
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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	23.34 ng/ul	1458290	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	23
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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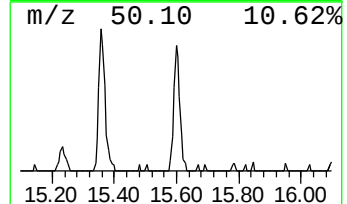
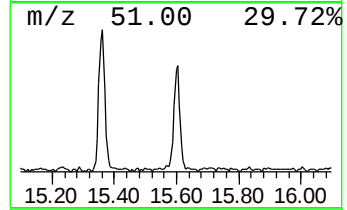
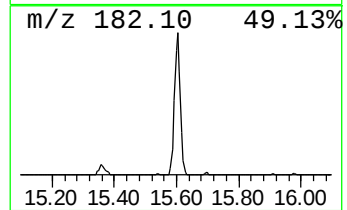
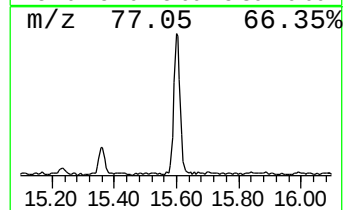
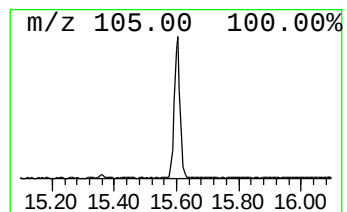
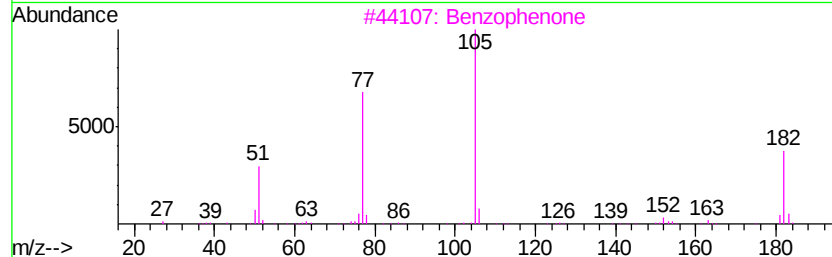
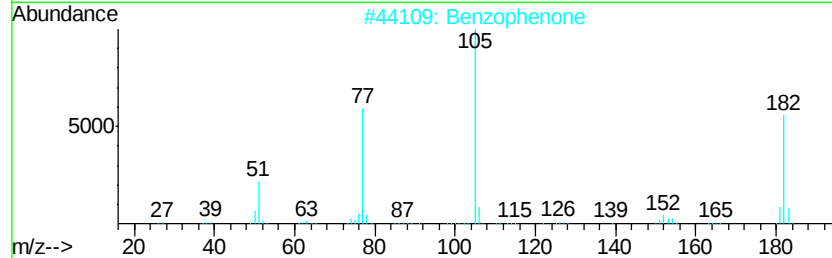
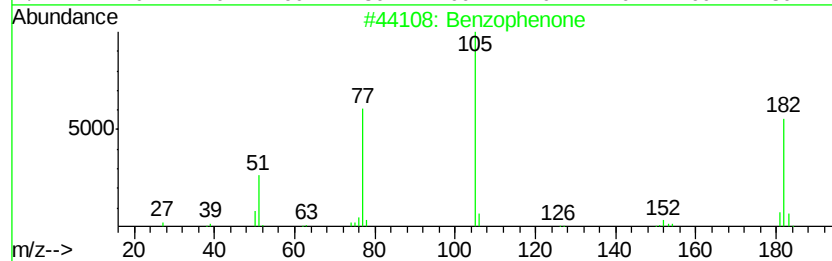
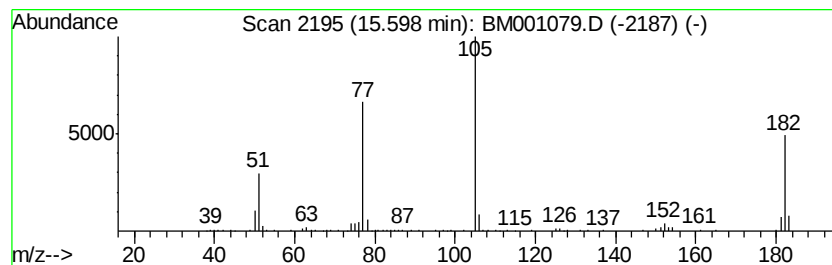
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.97 ng/ul	298874	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	94



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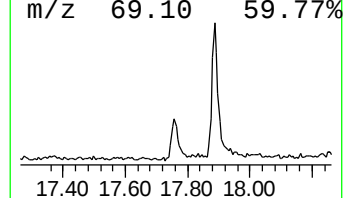
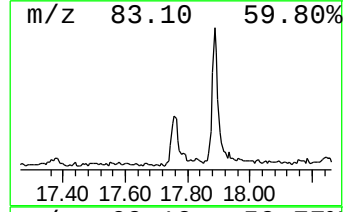
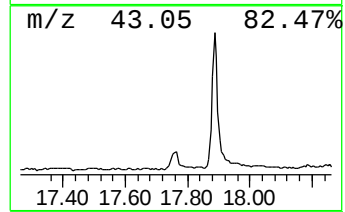
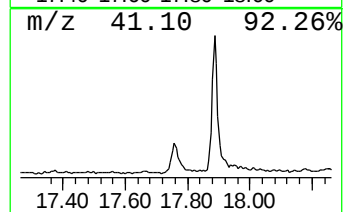
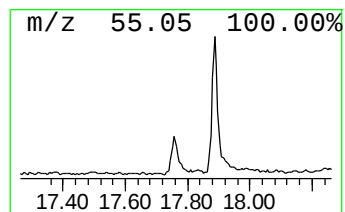
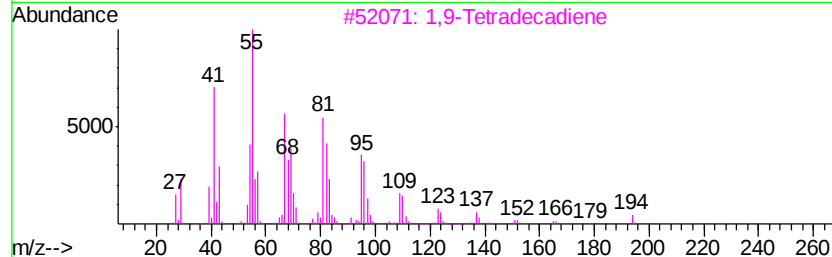
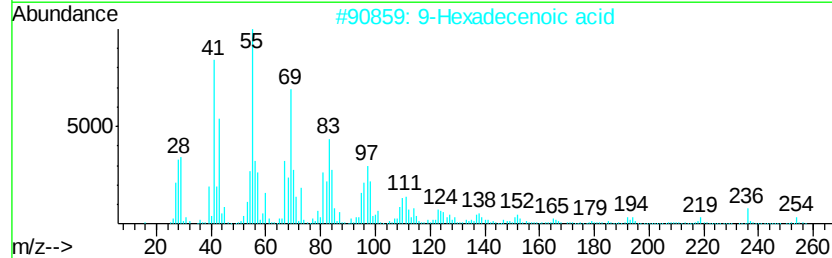
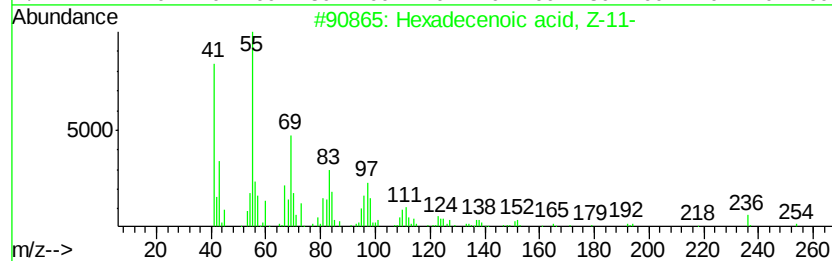
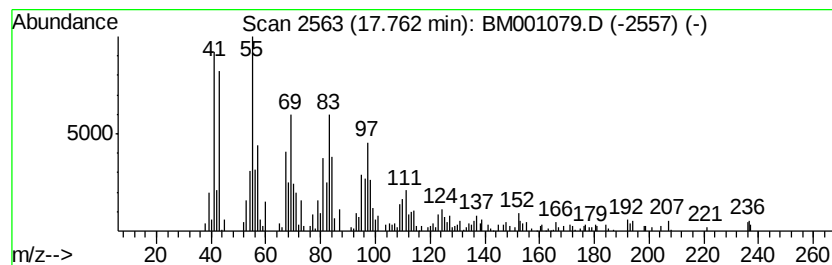
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecenoic acid, Z-11- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	3.34 ng/ul	373333	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	80
2		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	80
3		1,9-Tetradecadiene	194	C14H26	112929-06-3	70
4		Oxacyclotetradecan-2-one	212	C13H24O2	001725-04-8	68
5		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	64



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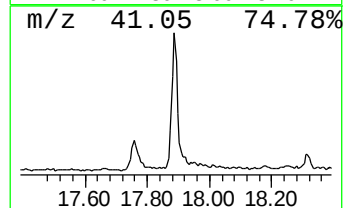
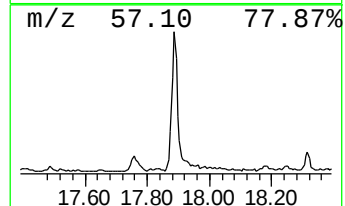
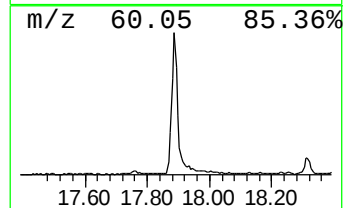
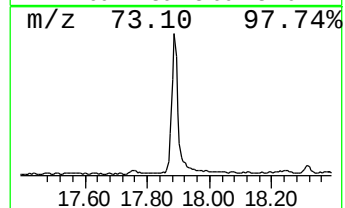
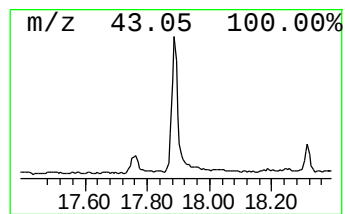
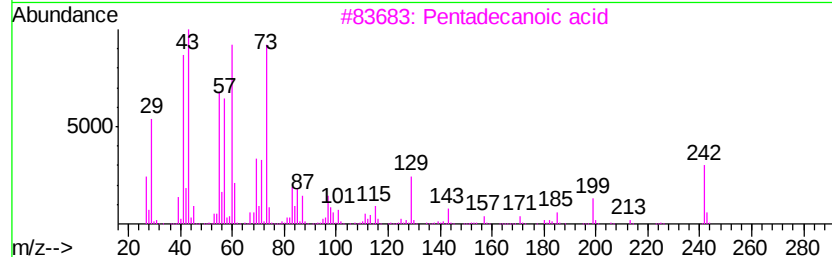
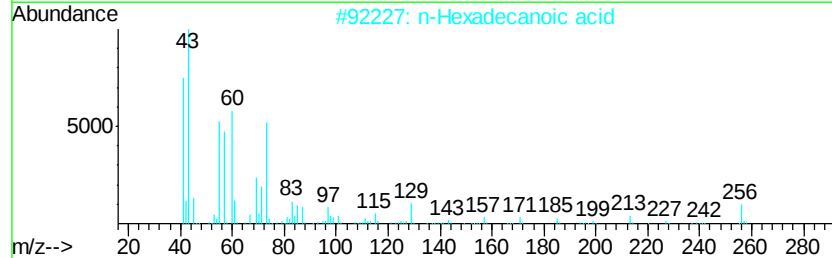
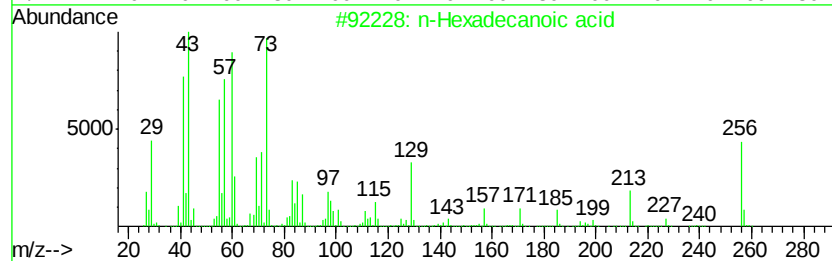
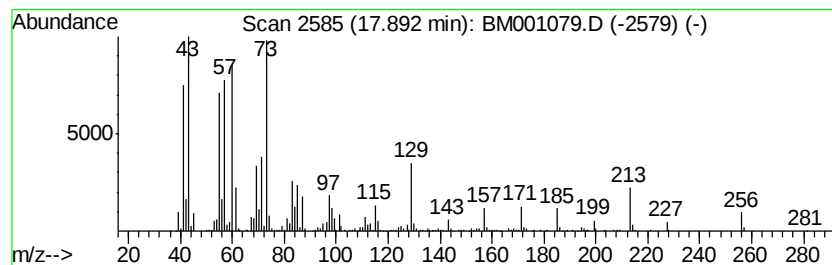
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	13.19 ng/ul	1474870	Phenanthrene-d10	16.98

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	94	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80	



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001079.D
Acq On : 20 Apr 2015 23:13
Operator : TP/IZ
Sample : G1873-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

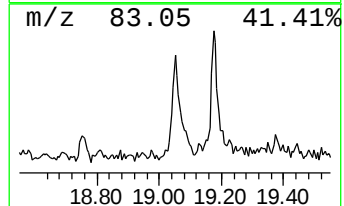
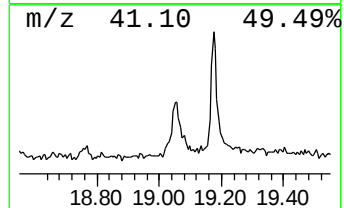
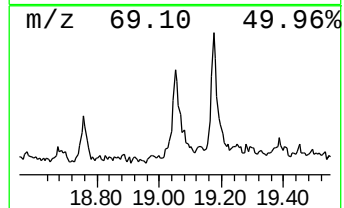
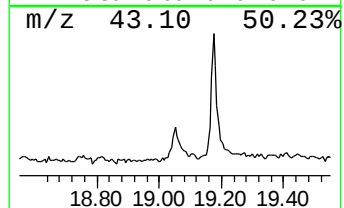
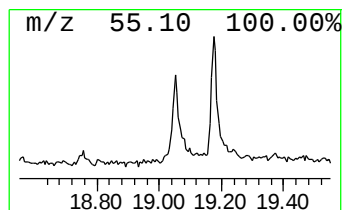
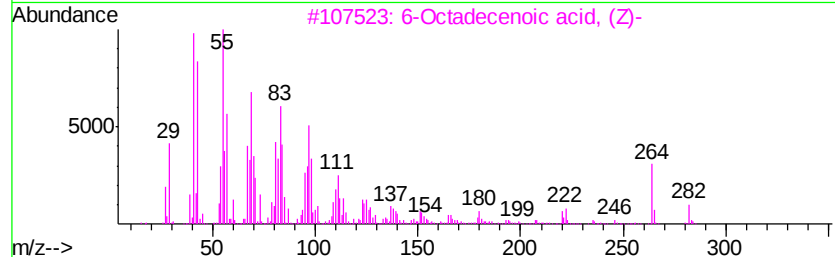
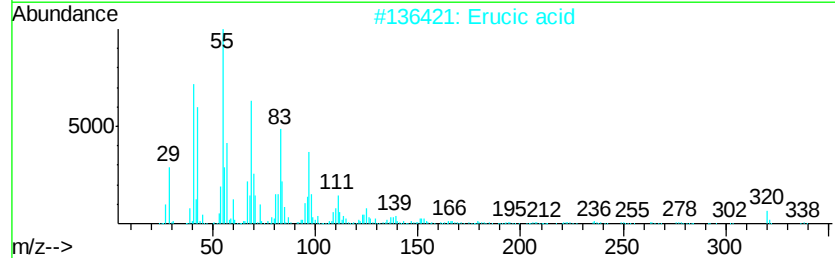
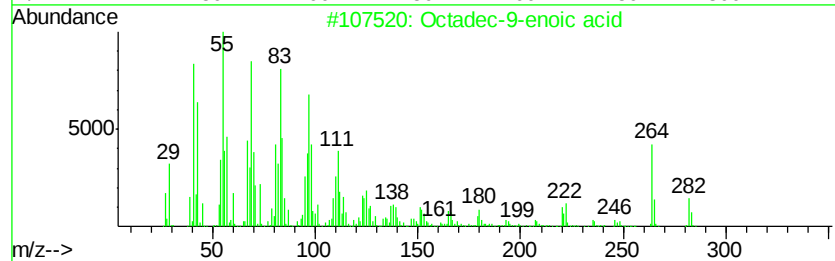
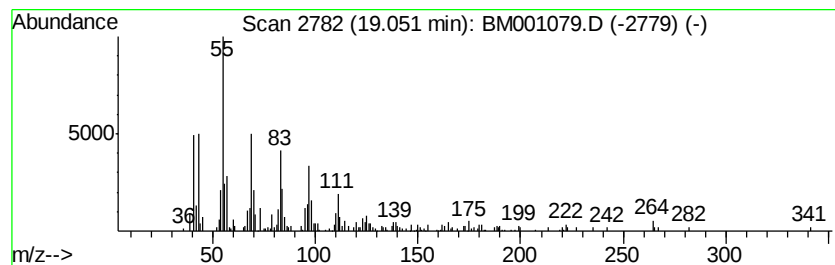
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadec-9-enoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	2.94 ng/ul	329190	Phenanthrene-d10	16.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	93
2		Erucic acid	338	C22H42O2	000112-86-7	74
3		6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	70
4		Oleic Acid	282	C18H34O2	000112-80-1	70
5		Oleic Acid	282	C18H34O2	000112-80-1	62



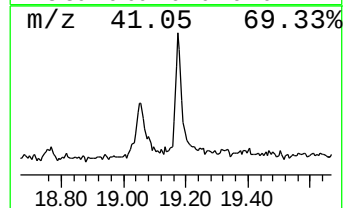
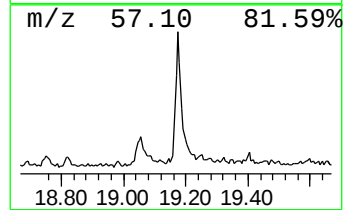
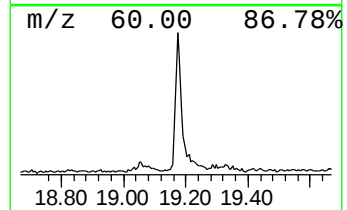
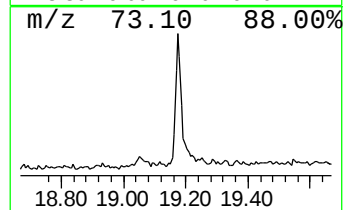
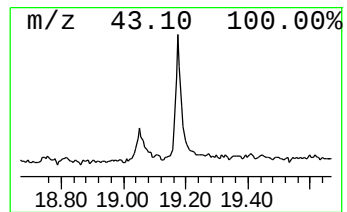
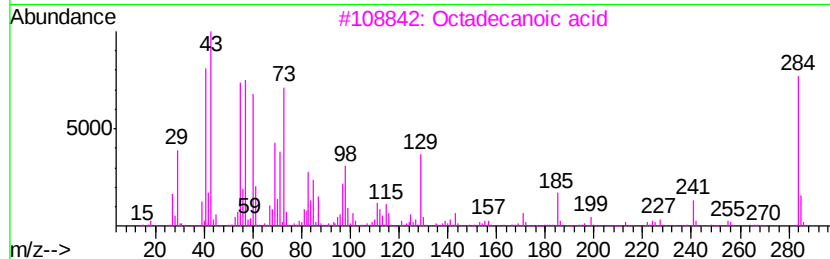
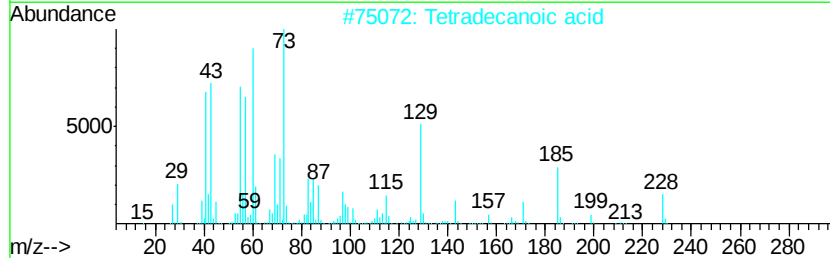
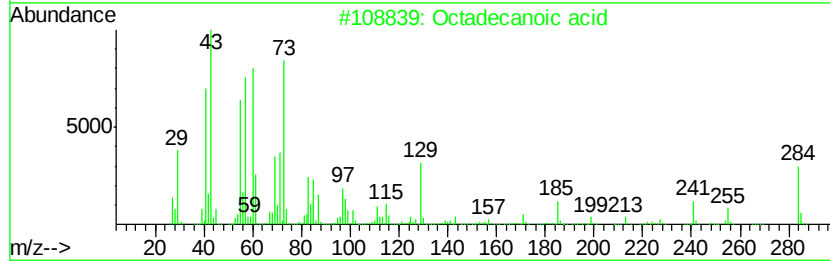
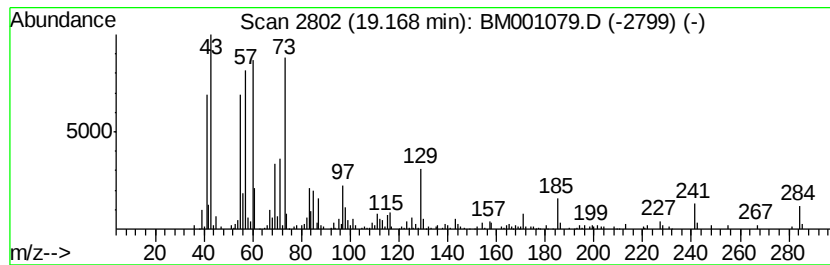
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Acq On : 20 Apr 2015 23:13
Operator : TP/IZ
Sample : G1873-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.17	4.14 ng/ul	582919	Chrysene-d12	21.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	92
4	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
5	Octadecanoic acid	284	C18H36O2	000057-11-4	68



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
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Operator : TP/IZ
Sample : G1873-08
Misc :
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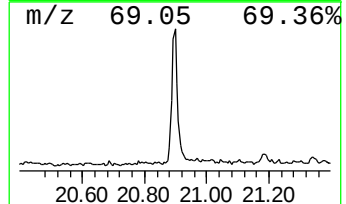
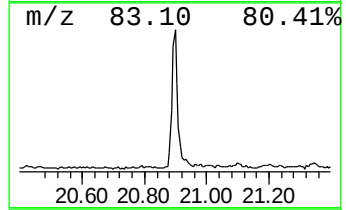
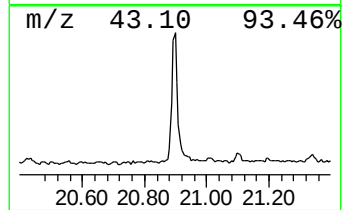
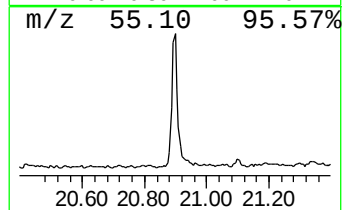
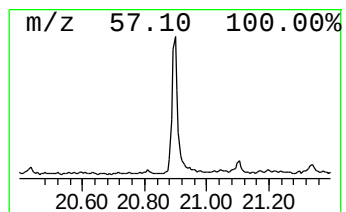
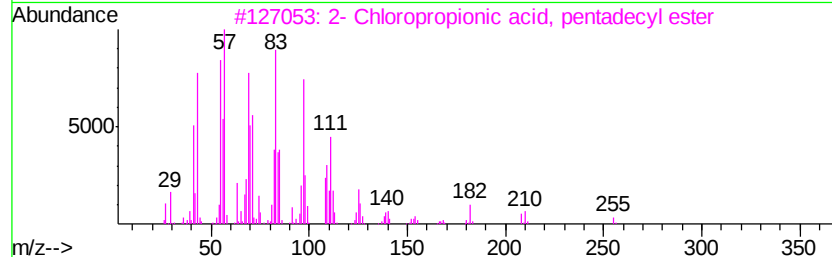
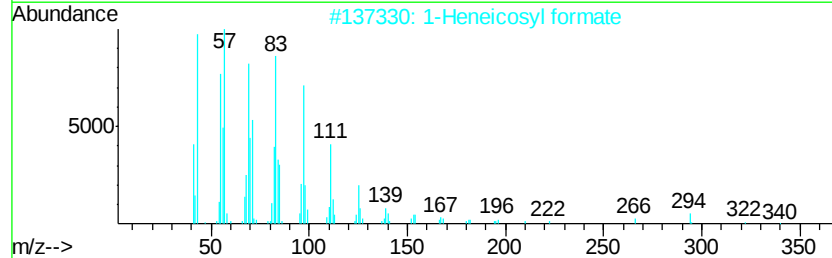
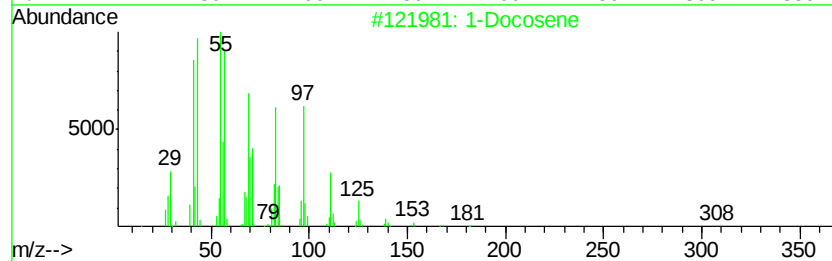
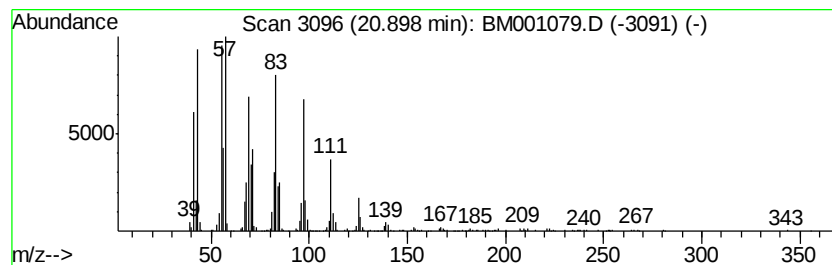
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	7.30 ng/ul	1028050	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	94
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91
4		Cyclotetracosane	336	C24H48	000297-03-0	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



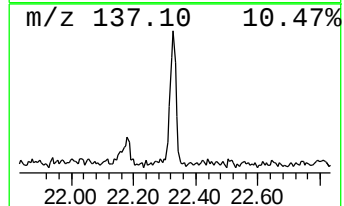
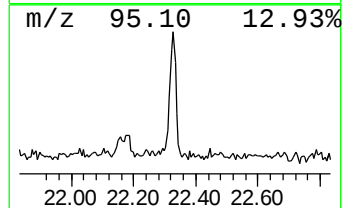
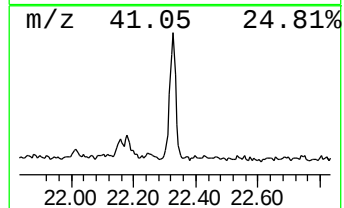
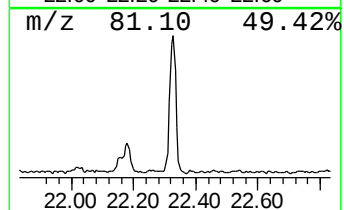
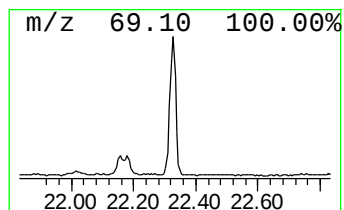
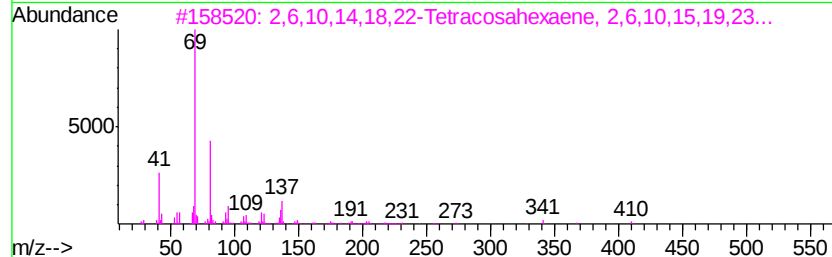
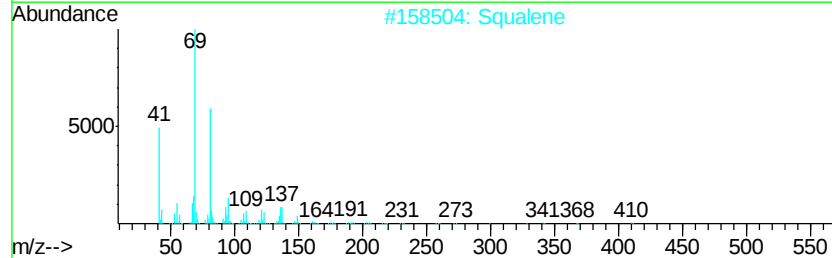
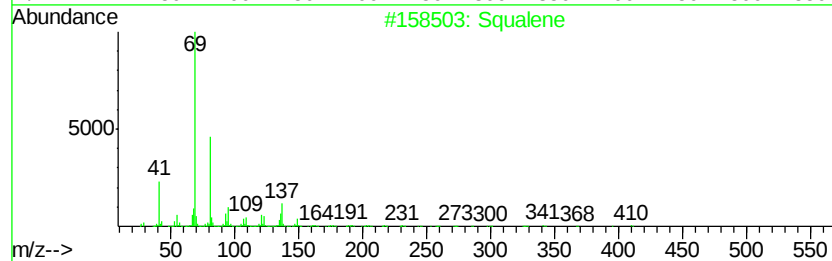
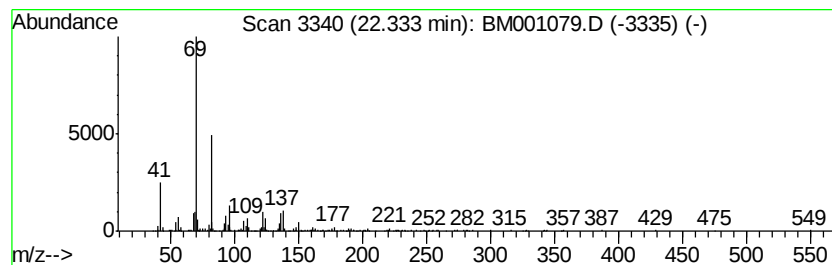
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Operator : TP/IZ
Sample : G1873-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Peak Number 8 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	4.55 ng/ul	635609	Perylene-d12	23.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 91
2	Squalene		410 C30H50	007683-64-9 91
3	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 80
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...		222 C15H26O	000106-28-5 72
5	7,11-Dimethyldodeca-2,6,10-trien...		208 C14H24O	125529-10-4 72



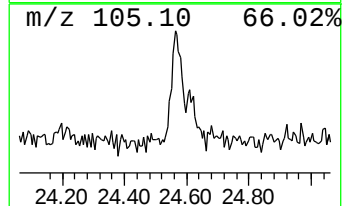
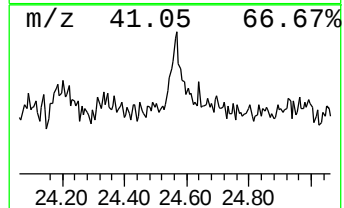
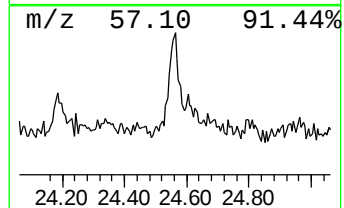
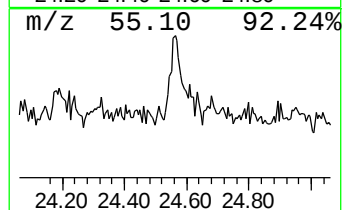
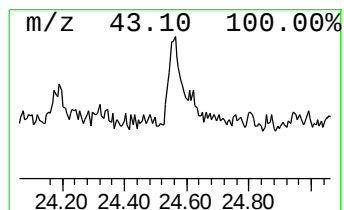
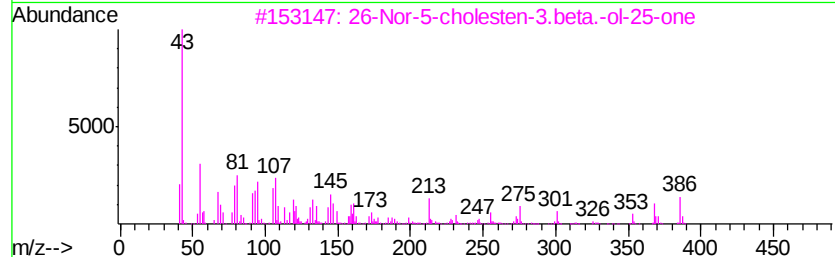
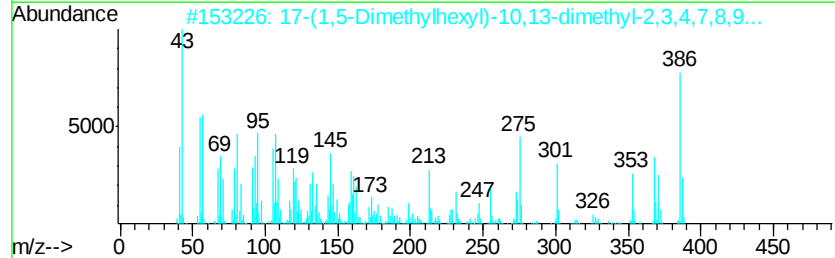
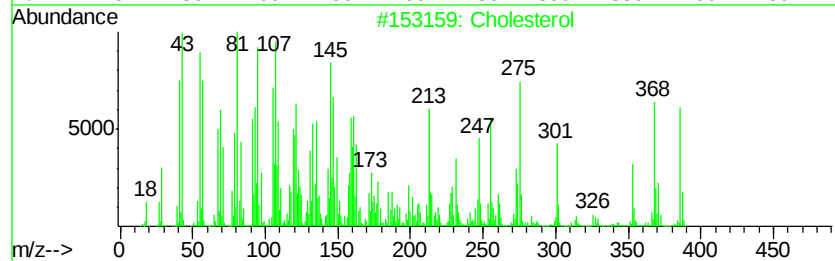
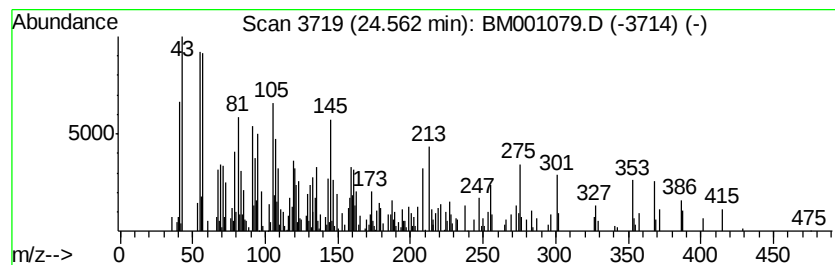
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Sample : G1873-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Peak Number 9 Cholesterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.56	2.20 ng/ul	307347	Perylene-d12	23.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cholesterol		386 C27H46O	000057-88-5 99
2	17-(1,5-Dimethylhexyl)-10,13-dim...		386 C27H46O	1000210-38-4 99
3	26-Nor-5-cholesten-3.beta.-ol-25...		386 C26H42O2	007494-34-0 96
4	Cholest-5-en-3-ol, (3.alpha.)-		386 C27H46O	000474-77-1 95
5	26-Nor-5-cholesten-3.beta.-ol-25...		386 C26H42O2	007494-34-0 81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042015\
 Data File : BM001079.D
 Acq On : 20 Apr 2015 23:13
 Operator : TP/IZ
 Sample : G1873-08
 Misc :
 ALS Vial : 14 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
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Benzophenone	15.60	3.0	ng/ul	298874	3	14.23	2010890	20.0
Hexadecenoic acid...	17.76	3.3	ng/ul	373333	4	16.98	2235770	20.0
n-Hexadecanoic acid	17.89	13.2	ng/ul	1474870	4	16.98	2235770	20.0
Octadec-9-enoic acid	19.05	2.9	ng/ul	329190	4	16.98	2235770	20.0
Octadecanoic acid	19.17	4.1	ng/ul	582919	5	21.18	2817970	20.0
(DEL) Alkane: Cyclic	20.90	7.3	ng/ul	1028050	5	21.18	2817970	20.0
Squalene	22.33	4.5	ng/ul	635609	6	23.35	2795030	20.0
Cholesterol	24.56	2.2	ng/ul	307347	6	23.35	2795030	20.0