

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
 Data File : BM000277.D
 Acq On : 20 Jan 2015 23:58
 Operator : TP/IZ
 Sample : G1102-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 C0AG7

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	2.981	46	50	58	rBV	317638	486610	19.06%	1.239%
2	3.057	59	63	72	rVB	983574	1223812	47.94%	3.116%
3	6.981	725	730	741	rVB2	612929	1089013	42.66%	2.773%
4	7.151	754	759	767	rVB	452087	689227	27.00%	1.755%
5	7.351	787	793	801	rVB	588694	953173	37.34%	2.427%
6	7.439	806	808	814	rVB3	41461	54371	2.13%	0.138%
7	7.822	867	873	880	rBV	727830	1151840	45.12%	2.933%
8	8.516	985	991	998	rBV	702877	1109931	43.48%	2.826%
9	8.975	1062	1069	1079	rVB	652640	1061036	41.56%	2.702%
10	9.380	1136	1138	1144	rVB4	10718	18440	0.72%	0.047%
11	9.422	1144	1145	1148	rBV2	6201	4324	0.17%	0.011%
12	9.692	1185	1191	1198	rBV	467861	788604	30.89%	2.008%
13	9.945	1233	1234	1237	rBV2	4256	4943	0.19%	0.013%
14	10.227	1275	1282	1292	rBV	698733	1150844	45.08%	2.931%
15	10.480	1322	1325	1327	rBV2	4340	5566	0.22%	0.014%
16	10.610	1340	1347	1358	rVB	923828	1566519	61.37%	3.989%
17	10.692	1358	1361	1363	rBV2	4297	4947	0.19%	0.013%
18	10.745	1363	1370	1383	rVB	372095	641346	25.12%	1.633%
19	11.516	1500	1501	1506	rVB3	3627	4483	0.18%	0.011%
20	11.663	1524	1526	1531	rBV3	2507	4235	0.17%	0.011%
21	11.874	1558	1562	1564	rVV2	3628	4025	0.16%	0.010%
22	11.927	1564	1571	1578	rVV	88792	153129	6.00%	0.390%
23	12.021	1583	1587	1592	rBV3	2631	4790	0.19%	0.012%
24	12.198	1610	1617	1623	rBV4	10942	16112	0.63%	0.041%
25	12.457	1658	1661	1666	rBV2	2912	4748	0.19%	0.012%
26	12.698	1698	1702	1705	rVV3	7081	9446	0.37%	0.024%
27	13.057	1760	1763	1765	rBV4	3219	4016	0.16%	0.010%
28	13.280	1796	1801	1806	rBV5	8639	10928	0.43%	0.028%
29	13.863	1894	1900	1904	rBV	1205505	1602440	62.77%	4.081%
30	13.910	1904	1908	1914	rVB	234270	311653	12.21%	0.794%
31	14.068	1930	1935	1938	rVV5	20530	31025	1.22%	0.079%
32	14.151	1942	1949	1958	rVB	1237361	1882860	73.76%	4.795%
33	14.351	1978	1983	1987	rVB3	15143	22693	0.89%	0.058%
34	14.457	1995	2001	2009	rVB	1256172	1834570	71.87%	4.672%

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35	14.645	2027	2033	2045	rBV	473690	766367	30.02%	1.952%
36	14.727	2045	2047	2053	rVV5	14425	22676	0.89%	0.058%
37	14.868	2067	2071	2076	rVB7	7215	11458	0.45%	0.029%
38	14.957	2080	2086	2089	rBV4	11923	16211	0.64%	0.041%
39	15.215	2127	2130	2133	rBV3	6857	8538	0.33%	0.022%
40	15.268	2136	2139	2142	rVV2	10824	14269	0.56%	0.036%
41	15.304	2142	2145	2149	rVB3	10791	11158	0.44%	0.028%
42	15.451	2163	2170	2177	rBV	1504272	2208875	86.53%	5.625%
43	15.562	2183	2189	2200	rVB	397796	554723	21.73%	1.413%
44	15.692	2206	2211	2217	rBV5	15702	26935	1.06%	0.069%
45	15.815	2224	2232	2238	rBV	423528	602068	23.58%	1.533%
46	15.945	2250	2254	2255	rVB	4879	3936	0.15%	0.010%
47	16.015	2262	2266	2269	rBV3	2791	5016	0.20%	0.013%
48	16.104	2277	2281	2283	rBV4	4558	6235	0.24%	0.016%
49	16.162	2288	2291	2294	rVB3	3820	5200	0.20%	0.013%
50	16.398	2329	2331	2334	rBV2	4783	4417	0.17%	0.011%
51	16.439	2336	2338	2340	rVB2	5322	4425	0.17%	0.011%
52	16.592	2361	2364	2368	rVV4	15406	20969	0.82%	0.053%
53	16.951	2423	2425	2427	rBV3	7349	7402	0.29%	0.019%
54	16.986	2429	2431	2434	rVV3	7955	9571	0.37%	0.024%
55	17.198	2461	2467	2473	rBV	1523966	2131145	83.48%	5.427%
56	17.298	2477	2484	2490	rBV	1658256	2316010	90.73%	5.898%
57	17.368	2493	2496	2497	rVV3	5185	5065	0.20%	0.013%
58	17.598	2533	2535	2540	rVB4	5557	5426	0.21%	0.014%
59	17.686	2548	2550	2554	rVV4	4505	5901	0.23%	0.015%
60	17.733	2554	2558	2561	rVV4	4687	5139	0.20%	0.013%
61	17.862	2575	2580	2581	rVV2	3496	4964	0.19%	0.013%
62	17.956	2592	2596	2604	rBV6	27166	51291	2.01%	0.131%
63	18.086	2609	2618	2627	rBV	315565	484789	18.99%	1.235%
64	18.292	2651	2653	2656	rVB4	5656	4288	0.17%	0.011%
65	18.368	2664	2666	2667	rBV2	4893	4172	0.16%	0.011%
66	18.386	2667	2669	2672	rVB4	4912	5102	0.20%	0.013%
67	18.415	2672	2674	2676	rBV3	3467	4087	0.16%	0.010%
68	18.515	2687	2691	2694	rVB4	10977	14092	0.55%	0.036%
69	18.580	2700	2702	2705	rVB4	4009	4714	0.18%	0.012%
70	18.639	2709	2712	2714	rBV4	7154	8982	0.35%	0.023%
71	18.750	2729	2731	2735	rBV4	3457	4450	0.17%	0.011%

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72	19.109	2790	2792	2797	rVB5	6607	8089	0.32%	0.021%
73	19.221	2807	2811	2812	rBV3	30041	28919	1.13%	0.074%
74	19.368	2831	2836	2842	rBV	152573	215215	8.43%	0.548%
75	19.486	2851	2856	2858	rBV4	14133	20988	0.82%	0.053%
76	19.515	2858	2861	2866	rVB6	12468	19522	0.76%	0.050%
77	19.592	2868	2874	2880	rBV	1860857	2552778	100.00%	6.501%
78	19.639	2880	2882	2895	rVB	70634	116412	4.56%	0.296%
79	19.797	2906	2909	2910	rVV2	6563	6597	0.26%	0.017%
80	19.827	2910	2914	2918	rVB3	16361	18780	0.74%	0.048%
81	19.997	2938	2943	2946	rBV6	7646	12238	0.48%	0.031%
82	20.074	2954	2956	2957	rBV2	5045	4617	0.18%	0.012%
83	20.133	2961	2966	2969	rBV5	26425	45353	1.78%	0.115%
84	20.509	3028	3030	3034	rVB4	12882	16727	0.66%	0.043%
85	20.627	3045	3050	3054	rBV7	14879	25298	0.99%	0.064%
86	20.662	3054	3056	3061	rVB6	11155	15639	0.61%	0.040%
87	21.097	3125	3130	3142	rBV	224969	592267	23.20%	1.508%
88	21.180	3142	3144	3151	rVB7	35478	56225	2.20%	0.143%
89	21.291	3160	3163	3166	rBV	53589	59052	2.31%	0.150%
90	21.386	3173	3179	3190	rBV	1907927	2421289	94.85%	6.166%
91	21.497	3194	3198	3201	rBV2	79419	82048	3.21%	0.209%
92	21.968	3275	3278	3282	rBV4	45605	41631	1.63%	0.106%
93	22.003	3282	3284	3285	rBV2	23248	15375	0.60%	0.039%
94	22.438	3354	3358	3363	rVB3	78506	117151	4.59%	0.298%
95	22.574	3376	3381	3387	rBV	381052	519451	20.35%	1.323%
96	22.956	3443	3446	3452	rVB4	66698	92704	3.63%	0.236%
97	23.527	3536	3543	3552	rVB	1324173	2453314	96.10%	6.247%
98	23.674	3561	3568	3577	rVB	1083564	2178445	85.34%	5.547%
99	24.197	3653	3657	3664	rVB5	69024	129113	5.06%	0.329%
100	24.968	3782	3788	3792	rBV5	64922	128874	5.05%	0.328%

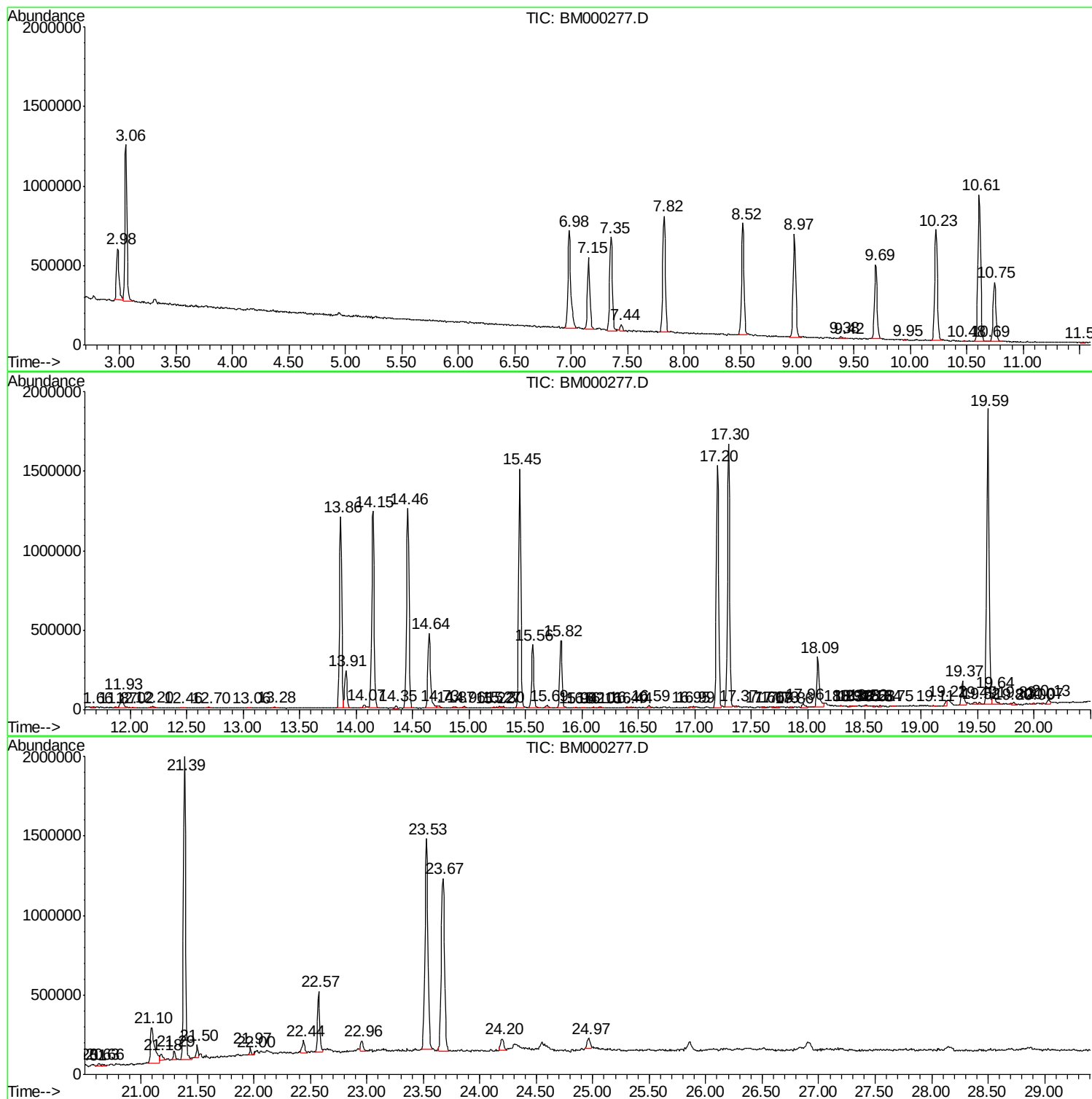
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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



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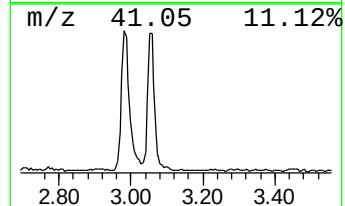
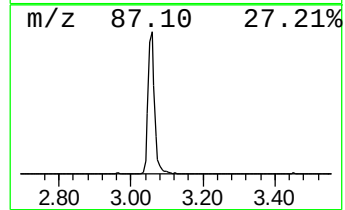
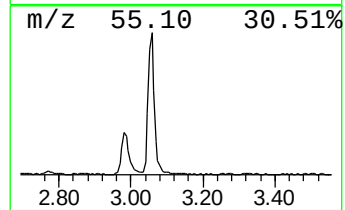
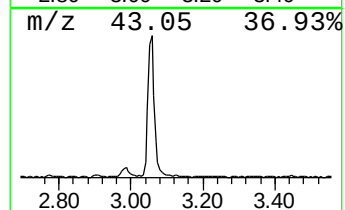
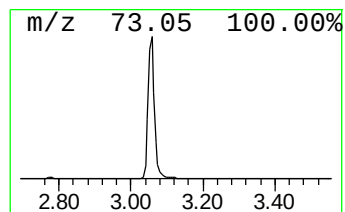
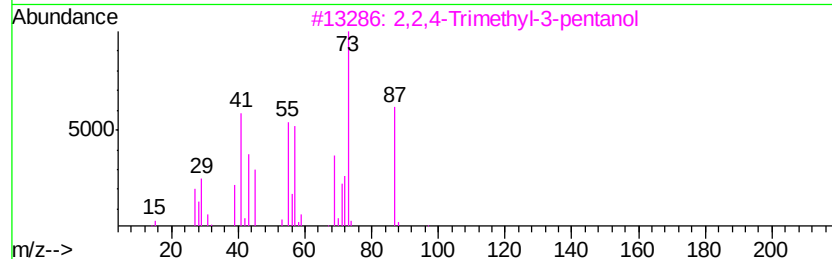
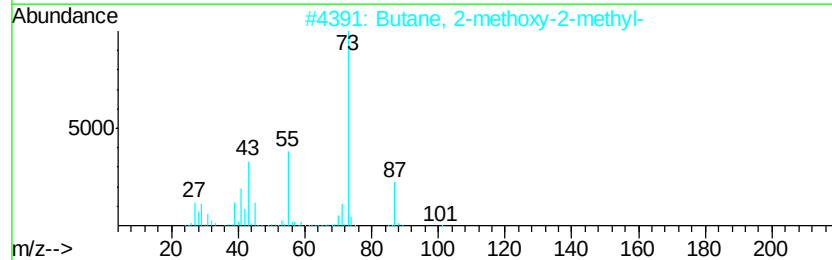
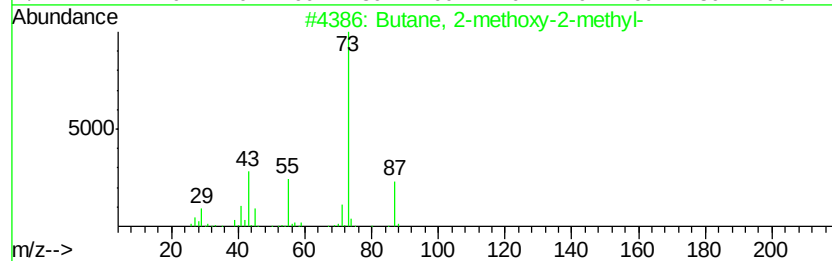
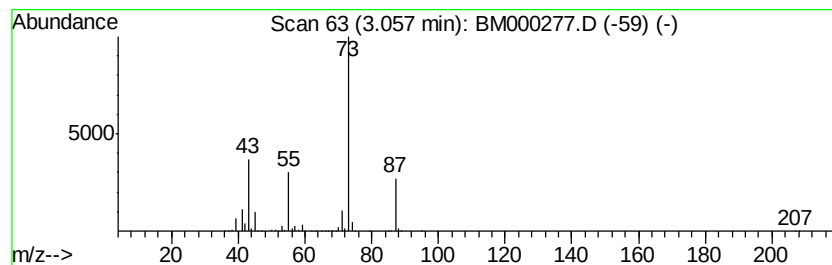
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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	21.25 ng/ul	1223810	1,4-Dichlorobenzene-d4	7.82

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	74
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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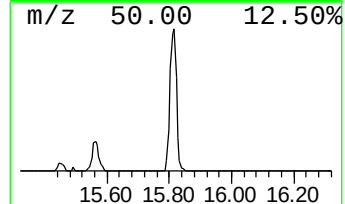
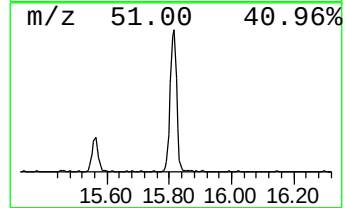
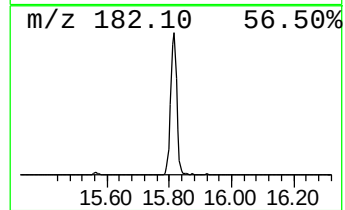
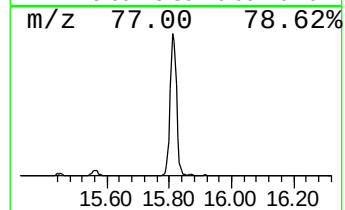
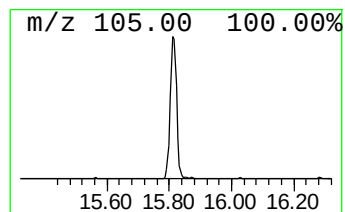
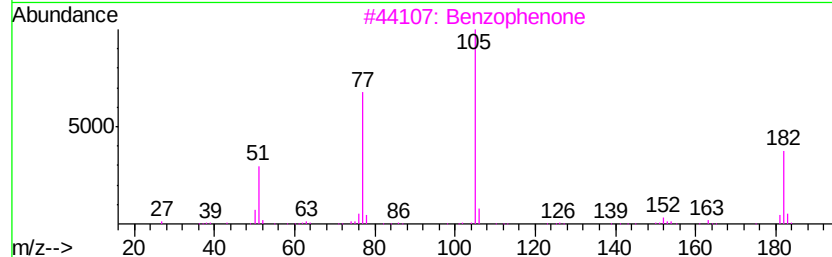
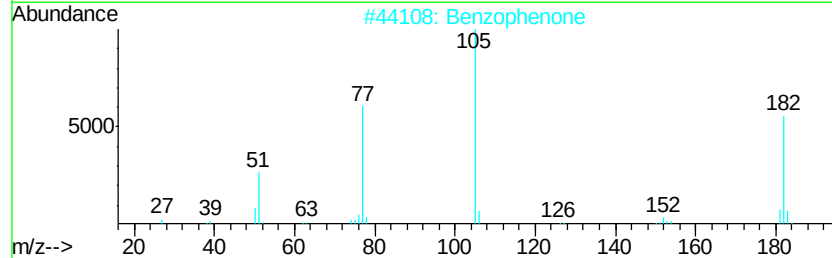
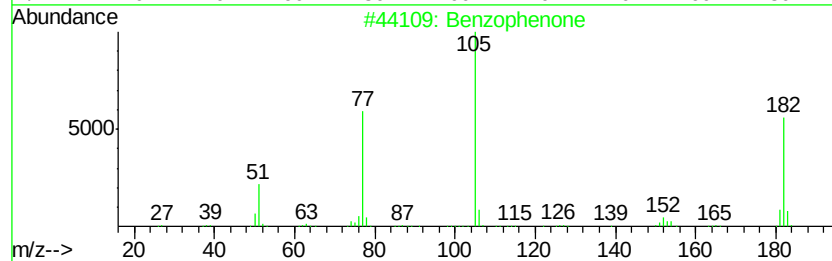
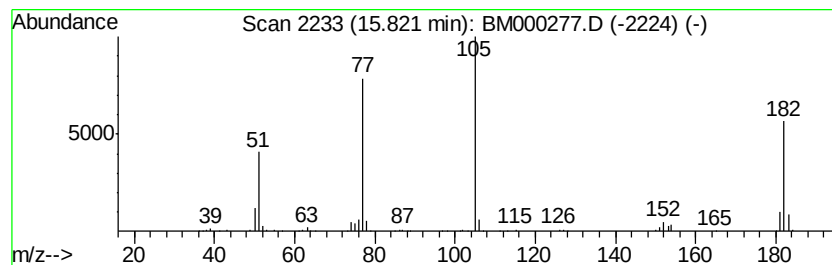
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	6.56 ng/ul	602068	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	97
2		Benzophenone	182	C13H10O	000119-61-9	95
3		Benzophenone	182	C13H10O	000119-61-9	94
4		Benzophenone	182	C13H10O	000119-61-9	91
5		Benzophenone	182	C13H10O	000119-61-9	91



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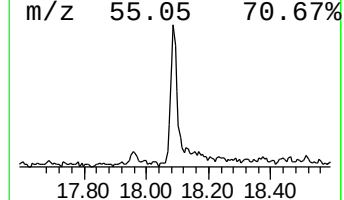
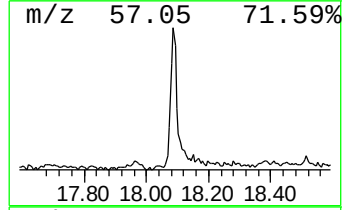
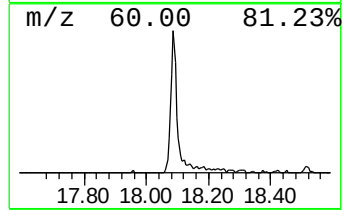
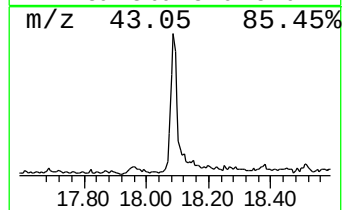
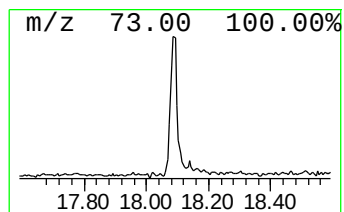
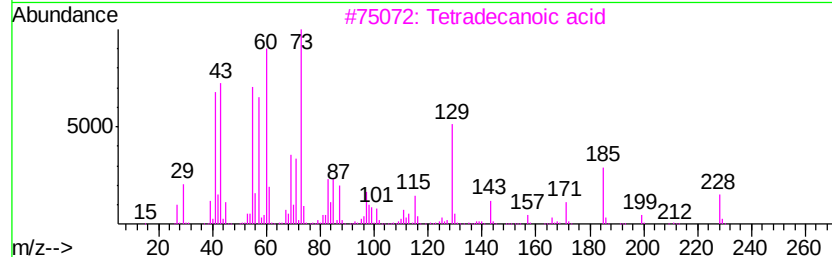
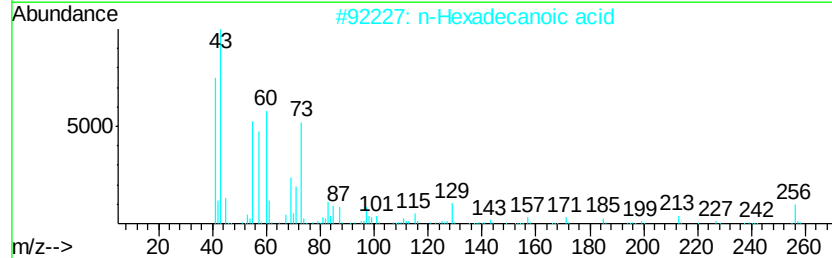
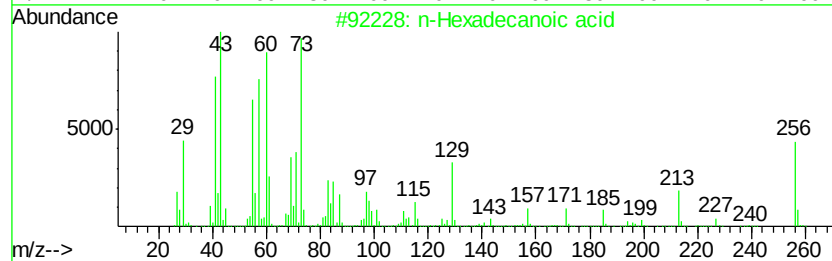
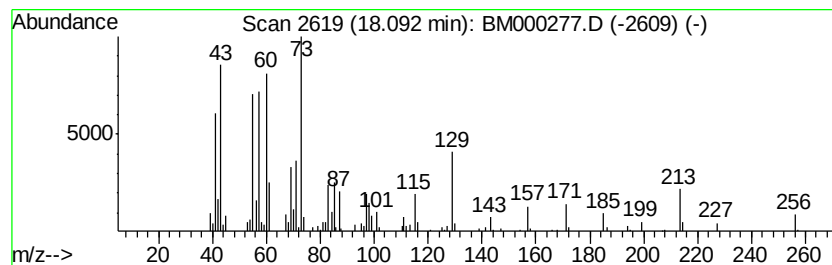
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.09	4.55 ng/ul	484789	Phenanthrene-d10	17.20	
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	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76



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Sample : G1102-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ClientSampled :
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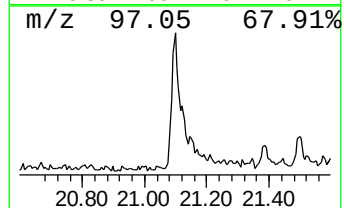
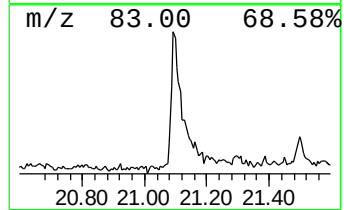
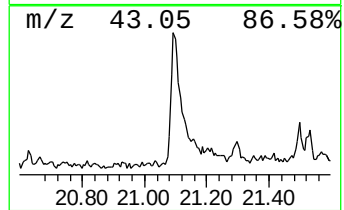
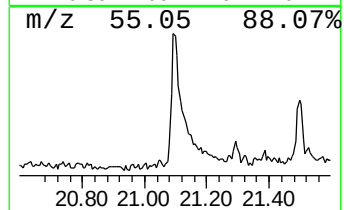
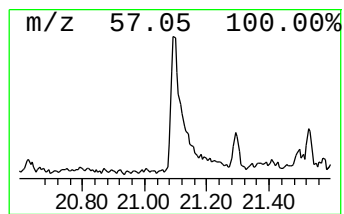
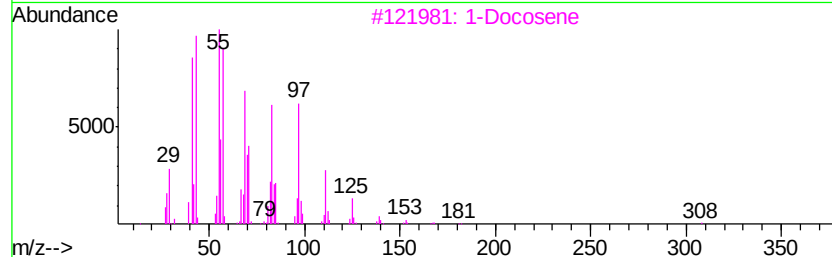
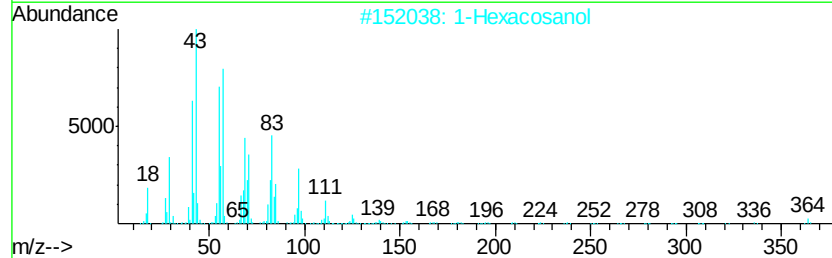
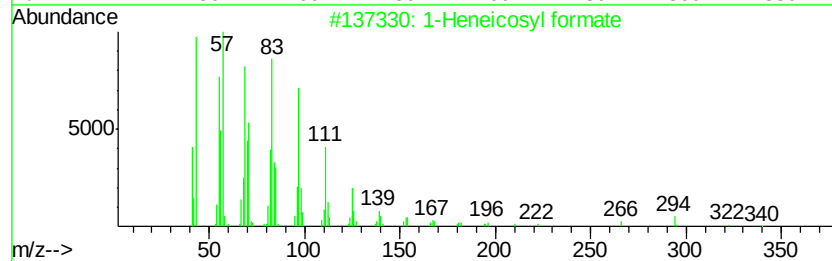
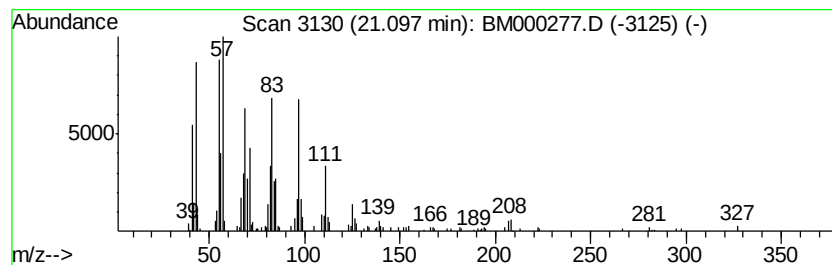
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	4.89 ng/ul	592267	Chrysene-d12	21.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate		340	C22H44O2	077899-03-7	91
2	1-Hexacosanol		382	C26H54O	000506-52-5	91
3	1-Docosene		308	C22H44	001599-67-3	91
4	Dichloroacetic acid, heptadecyl ...		366	C19H36Cl2O2	1000282-98-2	91
5	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2	074339-53-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000277.D
Acq On : 20 Jan 2015 23:58
Operator : TP/IZ
Sample : G1102-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ClientSampleID :
C0AG7

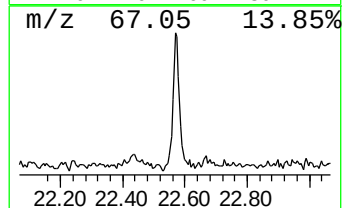
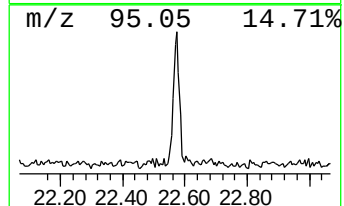
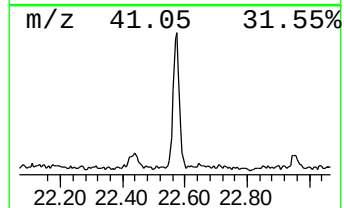
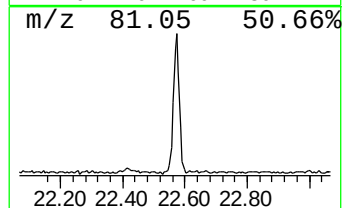
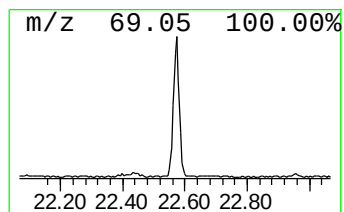
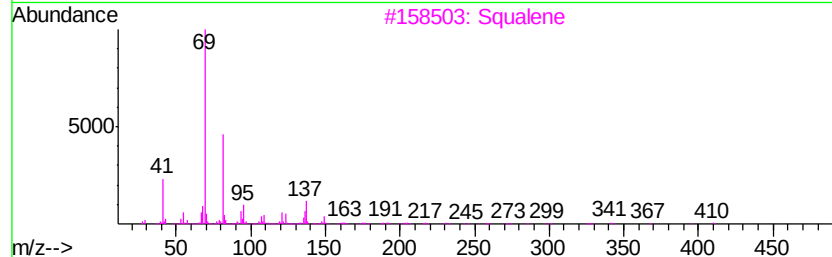
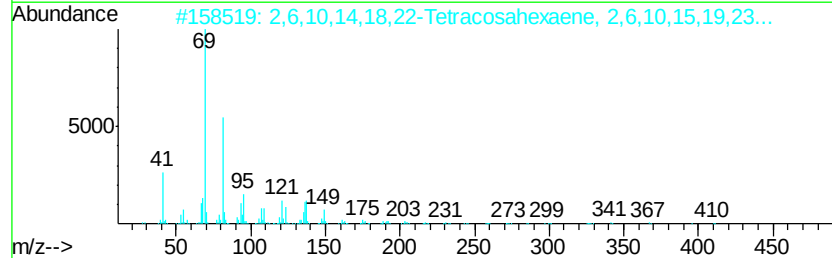
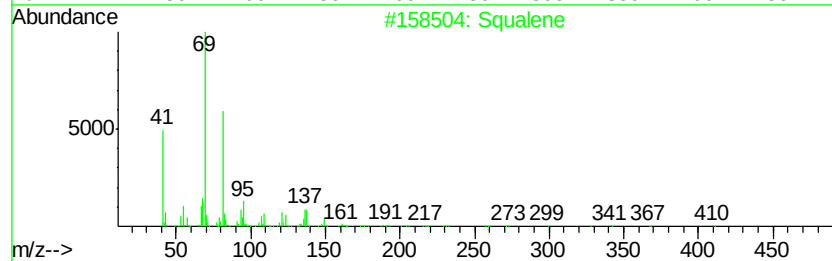
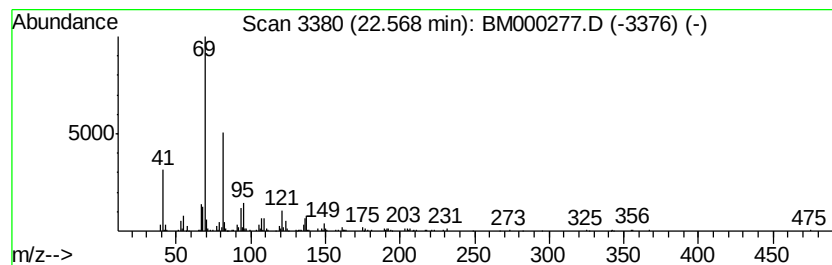
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	4.77 ng/ul	519451	Perylene-d12	23.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
3		Squalene	410	C30H50	007683-64-9	86
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H240	125529-10-4	72
5		2,6,10,14-Hexadecatetraenoic aci...	332	C22H3602	024035-35-6	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000277.D
Acq On : 20 Jan 2015 23:58
Operator : TP/IZ
Sample : G1102-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AG7

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	21.3	ng/ul	1223810	1	7.82	1151840	20.0
Benzophenone	15.82	6.6	ng/ul	602068	3	14.46	1834570	20.0
n-Hexadecanoic acid	18.09	4.5	ng/ul	484789	4	17.20	2131150	20.0
1-Heneicosyl formate	21.10	4.9	ng/ul	592267	5	21.39	2421290	20.0
Squalene	22.57	4.8	ng/ul	519451	6	23.67	2178450	20.0