

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
 Data File : BM000303.D
 Acq On : 21 Jan 2015 16:26
 Operator : TP/IZ
 Sample : G1105-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 C0AT4

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	349487	517465	24.77%	1.614%
2	3.052	58	62	78	rVB	1113887	1446602	69.26%	4.511%
3	6.981	724	730	740	rVB	569604	977992	46.82%	3.050%
4	7.151	754	759	767	rVB	402811	623127	29.83%	1.943%
5	7.351	787	793	801	rVB	538232	851590	40.77%	2.656%
6	7.822	867	873	880	rVB	613567	995103	47.64%	3.103%
7	8.516	985	991	999	rVB	628956	998065	47.78%	3.112%
8	8.975	1062	1069	1076	rVB	571800	955401	45.74%	2.979%
9	9.692	1179	1191	1202	rBV2	429613	853878	40.88%	2.663%
10	10.228	1275	1282	1291	rBV	600260	1014807	48.59%	3.165%
11	10.380	1306	1308	1309	rBV	4019	3484	0.17%	0.011%
12	10.610	1340	1347	1355	rVB	745038	1271875	60.89%	3.966%
13	10.751	1362	1371	1384	rVB2	260449	518663	24.83%	1.617%
14	11.210	1448	1449	1452	rBV2	3157	2717	0.13%	0.008%
15	11.439	1486	1488	1491	rVB2	2307	2614	0.13%	0.008%
16	11.757	1540	1542	1544	rVB	3472	2898	0.14%	0.009%
17	11.922	1565	1570	1577	rVV2	41210	66601	3.19%	0.208%
18	12.010	1583	1585	1588	rVB	2979	3347	0.16%	0.010%
19	12.057	1588	1593	1596	rBV4	5038	8510	0.41%	0.027%
20	12.204	1611	1618	1620	rVB3	7328	11363	0.54%	0.035%
21	12.451	1659	1660	1663	rBV	3226	2470	0.12%	0.008%
22	12.516	1670	1671	1674	rBV2	2389	2592	0.12%	0.008%
23	12.645	1690	1693	1698	rVB2	2773	4330	0.21%	0.014%
24	12.957	1743	1746	1749	rBV2	2714	3348	0.16%	0.010%
25	13.274	1796	1800	1803	rVB3	7749	10795	0.52%	0.034%
26	13.686	1864	1870	1872	rBV3	2649	5103	0.24%	0.016%
27	13.863	1893	1900	1904	rBV	1045968	1401937	67.12%	4.372%
28	13.904	1904	1907	1918	rVB	129022	187438	8.97%	0.585%
29	14.145	1941	1948	1955	rBV	1036867	1535676	73.52%	4.789%
30	14.192	1955	1956	1959	rVV	5892	3772	0.18%	0.012%
31	14.233	1961	1963	1970	rVB3	2976	6052	0.29%	0.019%
32	14.345	1979	1982	1989	rVB5	11265	17421	0.83%	0.054%
33	14.457	1994	2001	2008	rBV	997337	1483930	71.05%	4.628%
34	14.645	2026	2033	2044	rBV	380242	616928	29.54%	1.924%

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35	14.798	2058	2059	2063	rVB3	3587	3051	0.15%	0.010%
36	14.874	2067	2072	2074	rBV4	8963	11586	0.55%	0.036%
37	15.115	2108	2113	2117	rBV5	7721	12684	0.61%	0.040%
38	15.245	2132	2135	2137	rBV2	2993	2460	0.12%	0.008%
39	15.268	2137	2139	2141	rVV2	4008	4063	0.19%	0.013%
40	15.298	2141	2144	2152	rVB5	5176	8744	0.42%	0.027%
41	15.445	2163	2169	2177	rBV	1303873	1851026	88.62%	5.772%
42	15.562	2182	2189	2195	rBV	269289	368209	17.63%	1.148%
43	15.686	2206	2210	2215	rVB4	12672	17966	0.86%	0.056%
44	15.810	2225	2231	2237	rBV	166586	225658	10.80%	0.704%
45	15.915	2245	2249	2251	rBV2	2288	3302	0.16%	0.010%
46	15.951	2251	2255	2257	rVV2	2654	2818	0.13%	0.009%
47	16.104	2278	2281	2282	rVV2	2448	2657	0.13%	0.008%
48	16.162	2288	2291	2296	rVV3	4361	6794	0.33%	0.021%
49	16.398	2326	2331	2333	rBV4	2755	4063	0.19%	0.013%
50	16.439	2336	2338	2341	rVB	2945	2824	0.14%	0.009%
51	16.598	2361	2365	2368	rVV3	3433	4544	0.22%	0.014%
52	16.886	2409	2414	2416	rBV3	2688	3481	0.17%	0.011%
53	16.951	2421	2425	2426	rBV3	3605	4696	0.22%	0.015%
54	16.980	2428	2430	2433	rBV2	3634	4962	0.24%	0.015%
55	17.056	2439	2443	2445	rBV3	2354	3827	0.18%	0.012%
56	17.092	2445	2449	2451	rVV3	2235	2778	0.13%	0.009%
57	17.198	2460	2467	2474	rBV2	1206242	1741842	83.39%	5.432%
58	17.298	2477	2484	2492	rVB	1368417	1957597	93.72%	6.105%
59	17.392	2497	2500	2504	rVB4	6774	8962	0.43%	0.028%
60	17.692	2545	2551	2552	rBV5	2791	4057	0.19%	0.013%
61	17.804	2568	2570	2572	rVB	3972	2655	0.13%	0.008%
62	17.856	2575	2579	2582	rBV5	3363	4277	0.20%	0.013%
63	17.974	2596	2599	2604	rVB3	3795	6741	0.32%	0.021%
64	18.015	2604	2606	2608	rBV2	3601	3243	0.16%	0.010%
65	18.086	2613	2618	2626	rBV	231373	336193	16.10%	1.048%
66	18.268	2647	2649	2653	rVB5	4485	4994	0.24%	0.016%
67	18.515	2689	2691	2694	rVB3	4267	3703	0.18%	0.012%
68	18.574	2699	2701	2704	rBV3	3275	3449	0.17%	0.011%
69	18.651	2713	2714	2717	rBV2	3213	2804	0.13%	0.009%
70	18.862	2748	2750	2751	rBV2	3670	2722	0.13%	0.008%
71	18.886	2751	2754	2755	rVB2	2546	2537	0.12%	0.008%

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72	18.956	2763	2766	2767	rVB3	3075	2965	0.14%	0.009%
73	18.980	2767	2770	2772	rBV4	3634	5069	0.24%	0.016%
74	19.021	2776	2777	2779	rVB2	5638	3408	0.16%	0.011%
75	19.039	2779	2780	2783	rBV2	3210	3381	0.16%	0.011%
76	19.098	2788	2790	2793	rBV3	3823	2448	0.12%	0.008%
77	19.150	2798	2799	2801	rBV2	3794	2494	0.12%	0.008%
78	19.174	2801	2803	2806	rVB3	3167	2770	0.13%	0.009%
79	19.221	2806	2811	2814	rBV3	19142	29404	1.41%	0.092%
80	19.309	2824	2826	2827	rBV2	5308	3258	0.16%	0.010%
81	19.368	2831	2836	2842	rBV	145275	216084	10.35%	0.674%
82	19.474	2852	2854	2859	rVB2	8940	11206	0.54%	0.035%
83	19.509	2859	2860	2863	rBV3	3915	3480	0.17%	0.011%
84	19.592	2868	2874	2880	rBV2	1531120	2084269	99.79%	6.500%
85	19.698	2890	2892	2895	rBV4	2693	3460	0.17%	0.011%
86	19.868	2919	2921	2923	rVB3	4989	3769	0.18%	0.012%
87	20.127	2963	2965	2966	rBV2	4841	4942	0.24%	0.015%
88	20.427	3014	3016	3018	rBV2	5941	2437	0.12%	0.008%
89	20.468	3018	3023	3025	rBV6	5576	8818	0.42%	0.027%
90	20.503	3028	3029	3033	rVB4	7728	7987	0.38%	0.025%
91	20.627	3045	3050	3054	rBV7	11024	19190	0.92%	0.060%
92	20.692	3059	3061	3063	rVB3	8064	6802	0.33%	0.021%
93	20.715	3063	3065	3066	rBV2	5040	4412	0.21%	0.014%
94	21.103	3126	3131	3142	rBV6	126841	371155	17.77%	1.157%
95	21.386	3174	3179	3187	rBV	1667825	2088717	100.00%	6.514%
96	21.497	3194	3198	3201	rBV3	93209	110805	5.30%	0.346%
97	21.962	3275	3277	3281	rBV5	18193	19415	0.93%	0.061%
98	22.568	3377	3380	3385	rVB3	46208	65262	3.12%	0.204%
99	23.527	3536	3543	3552	rVB2	977059	1899642	90.95%	5.924%
100	23.674	3561	3568	3580	rVB	1040795	2034085	97.38%	6.343%

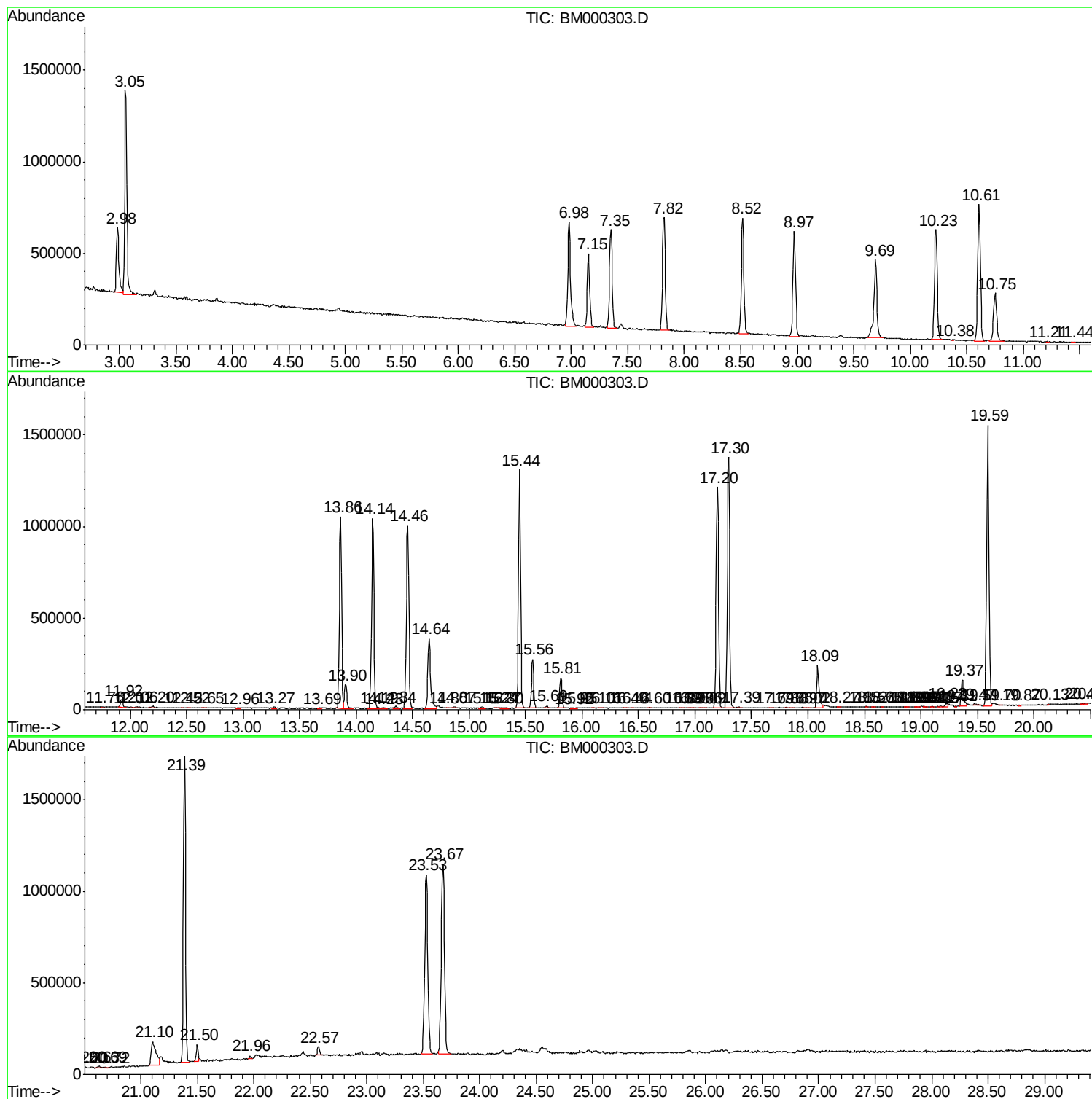
Sum of corrected areas: 32066997

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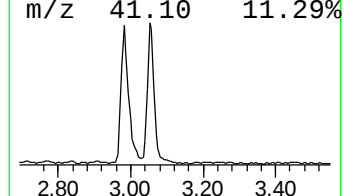
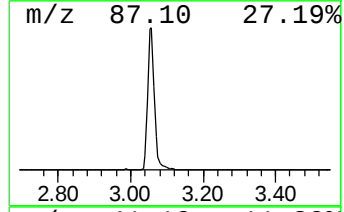
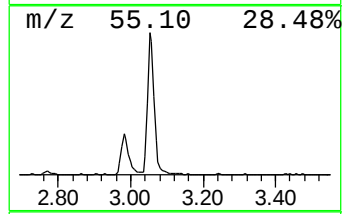
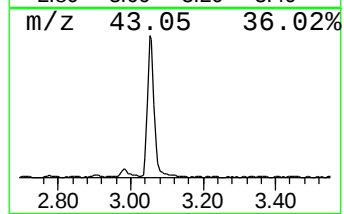
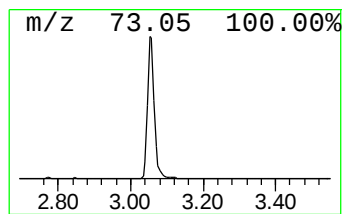
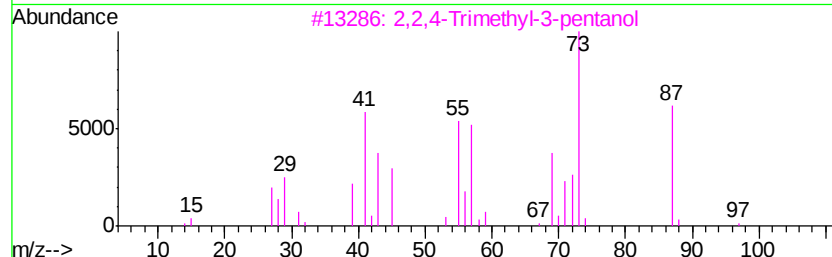
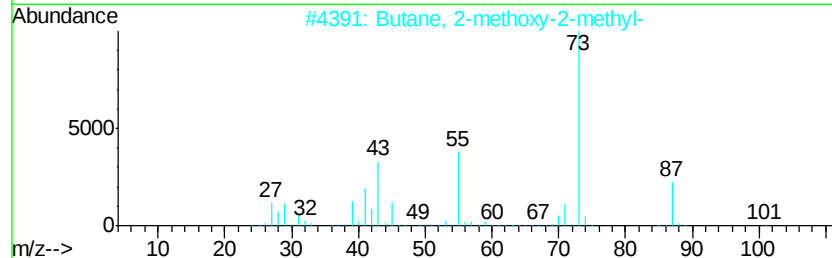
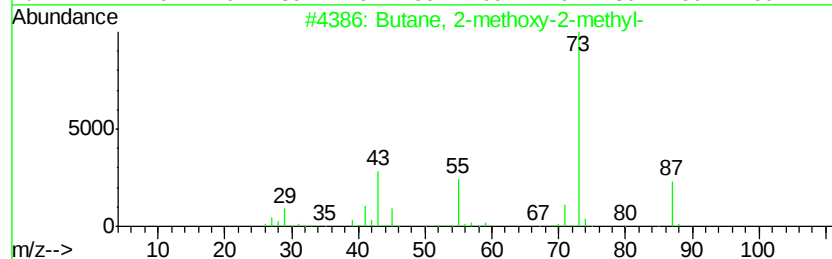
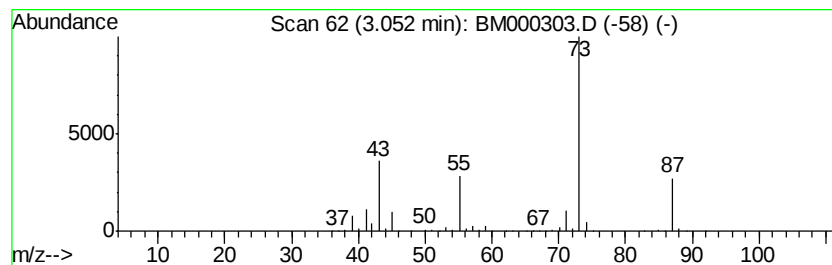
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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.
3.05	29.07 ng/ul	1446600	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		Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22



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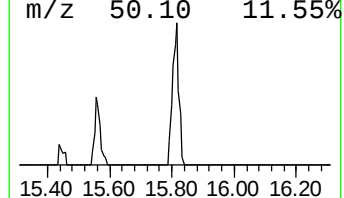
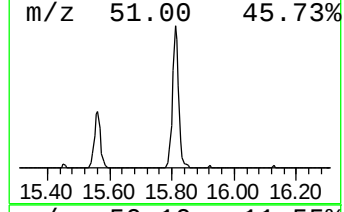
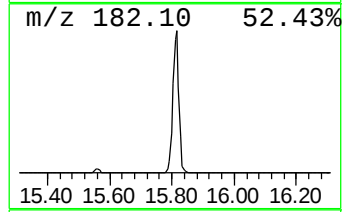
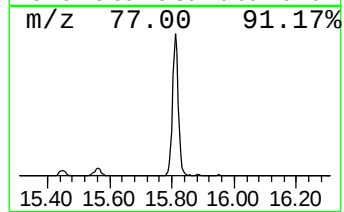
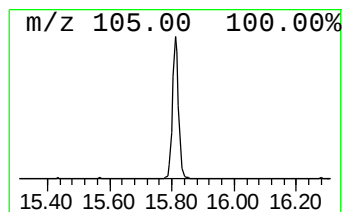
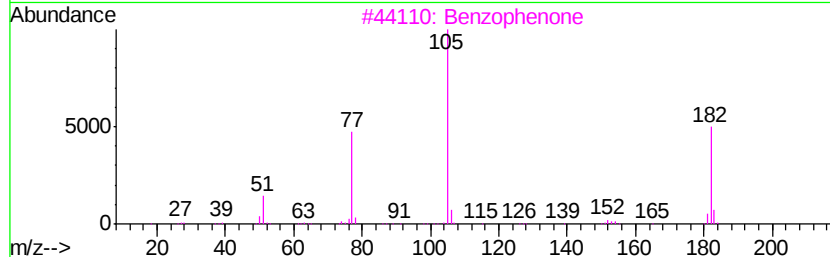
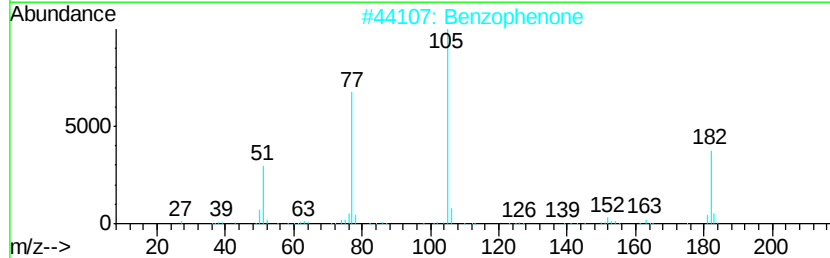
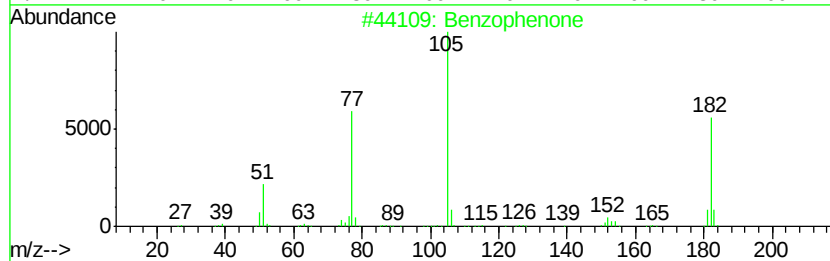
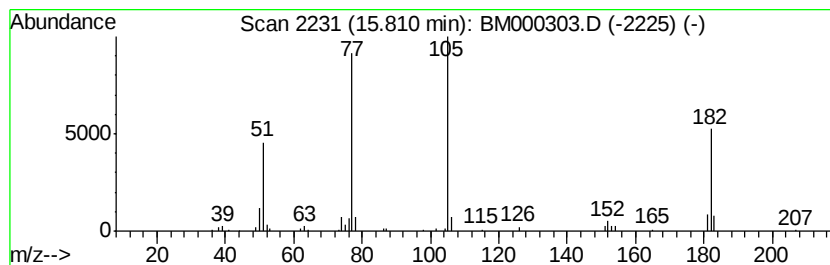
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	3.04 ng/ul	225658	Acenaphthene-d10	14.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	95
2	Benzophenone		182	C13H10O	000119-61-9	94
3	Benzophenone		182	C13H10O	000119-61-9	91
4	Benzophenone		182	C13H10O	000119-61-9	90
5	Methanone, phenyl-2-pyridinyl-		183	C12H9NO	000091-02-1	78



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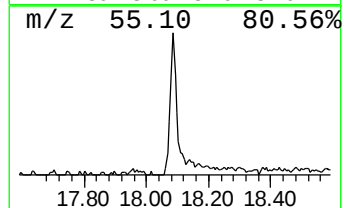
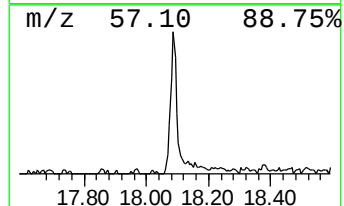
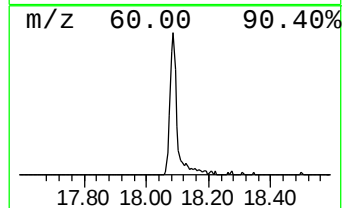
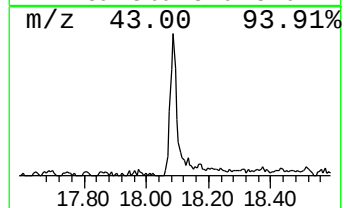
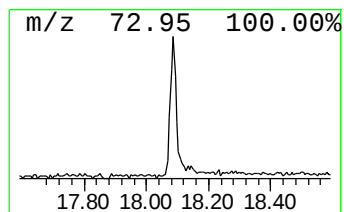
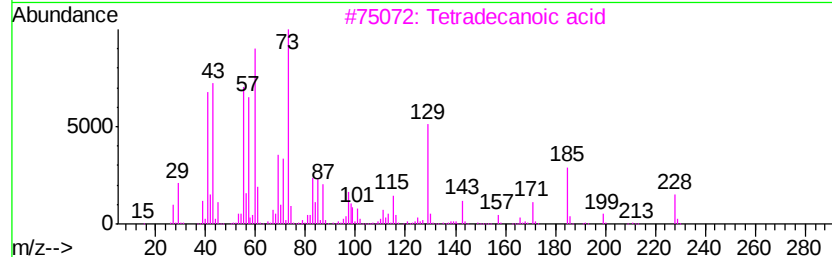
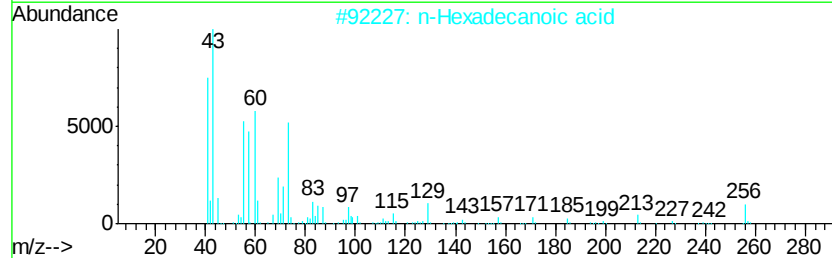
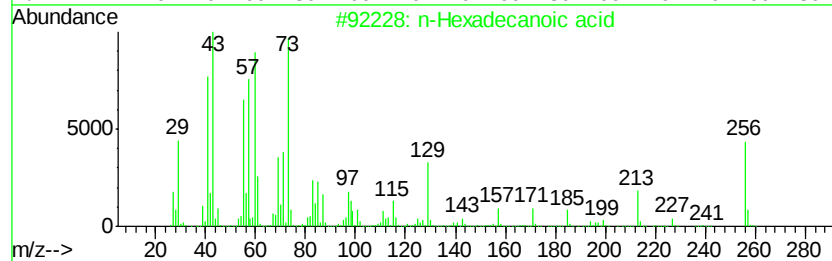
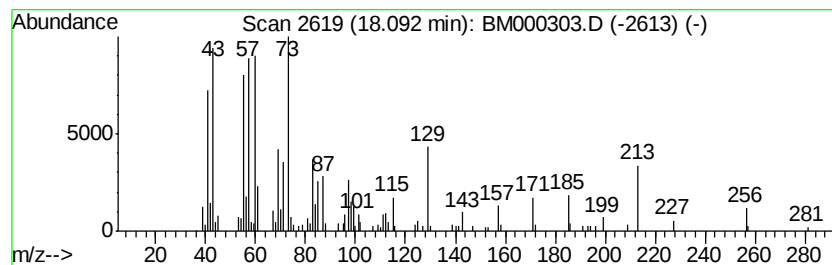
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.09	3.86 ng/ul	336193	Phenanthrene-d10		17.20
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000303.D
Acq On : 21 Jan 2015 16:26
Operator : TP/IZ
Sample : G1105-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
ClientSampled :
C0AT4

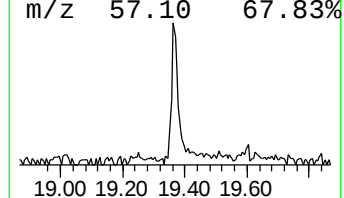
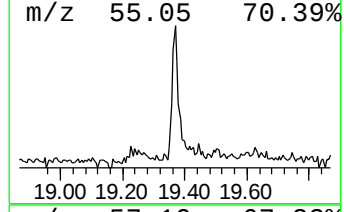
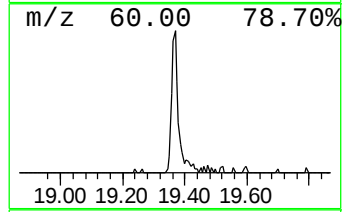
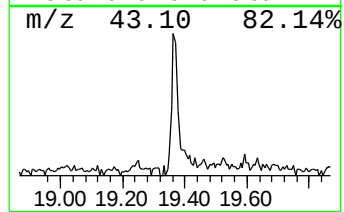
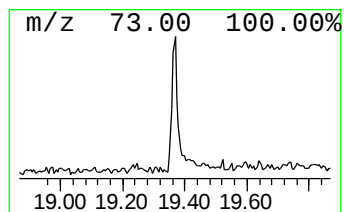
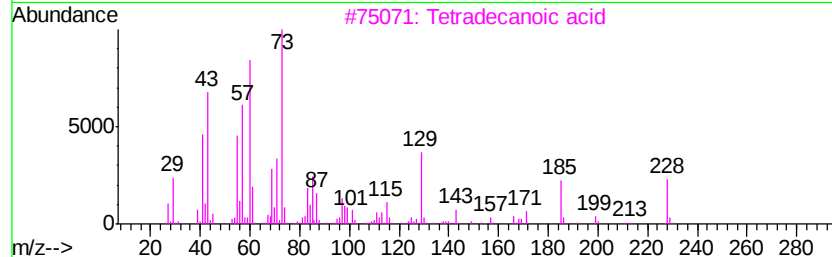
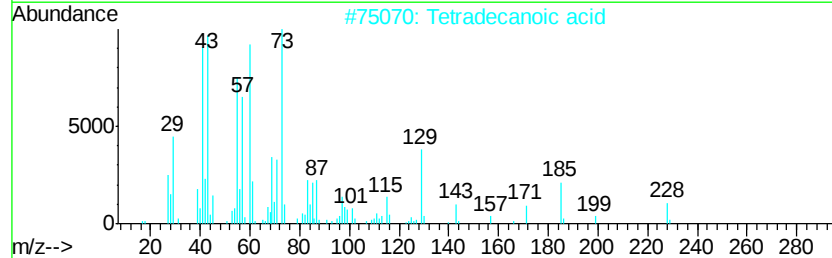
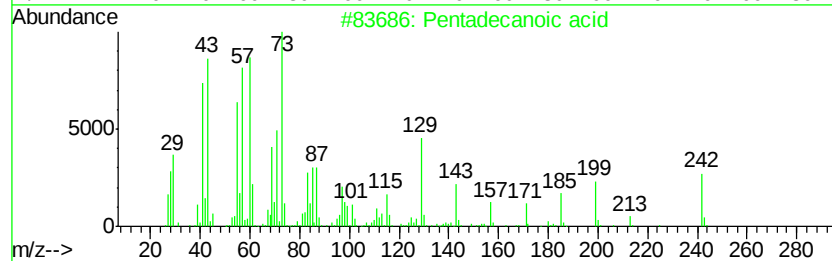
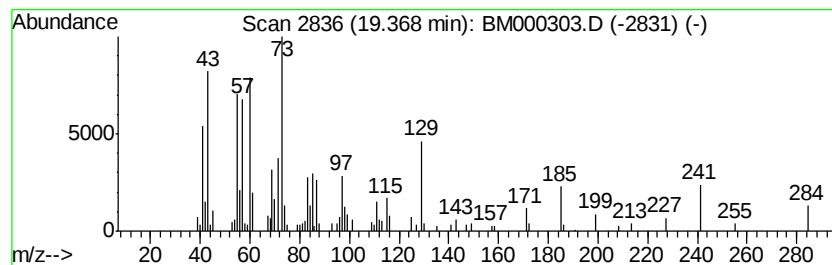
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Pentadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.07 ng/ul	216084	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000303.D
Acq On : 21 Jan 2015 16:26
Operator : TP/IZ
Sample : G1105-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
ClientSampled :
C0AT4

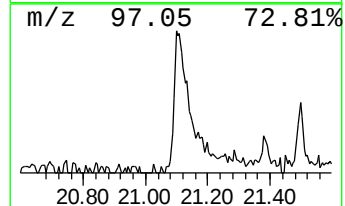
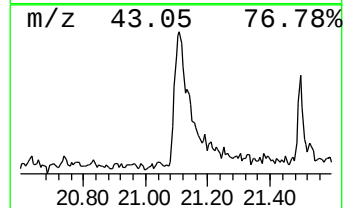
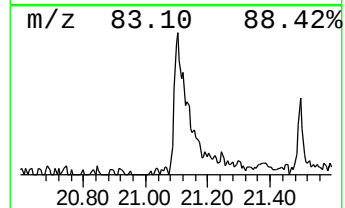
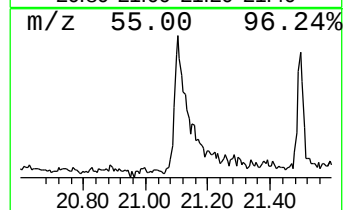
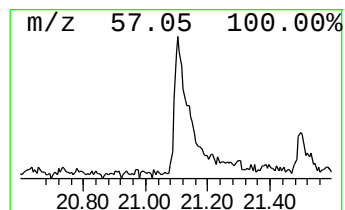
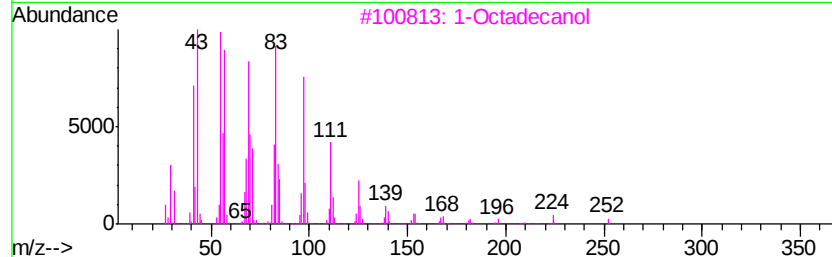
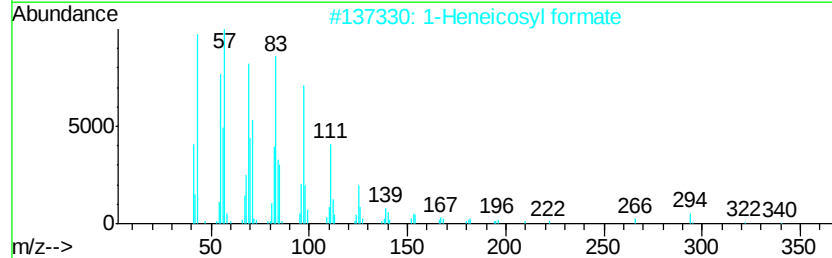
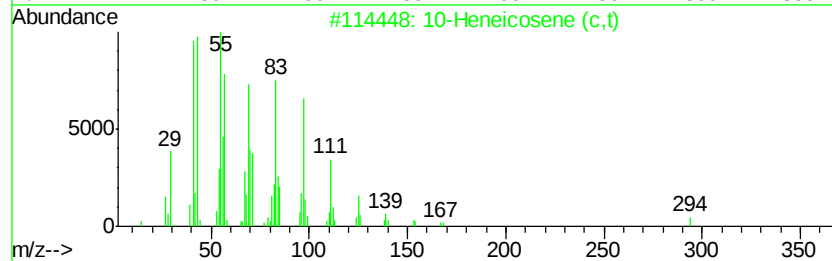
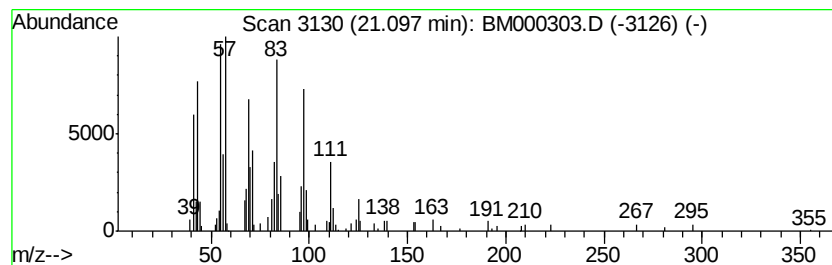
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	3.55 ng/ul	371155	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	91
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3		1-Octadecanol	270	C18H38O	000112-92-5	90
4		1-Nonadecanol	284	C19H40O	001454-84-8	87
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000303.D
Acq On : 21 Jan 2015 16:26
Operator : TP/IZ
Sample : G1105-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AT4

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...	3.05	29.1	ng/ul	1446600	1	7.82	995103	20.0
Benzophenone	15.81	3.0	ng/ul	225658	3	14.46	1483930	20.0
n-Hexadecanoic acid	18.09	3.9	ng/ul	336193	4	17.20	1741840	20.0
Pentadecanoic acid	19.37	2.1	ng/ul	216084	5	21.39	2088720	20.0
(DEL) Alkane: Cyclic	21.10	3.5	ng/ul	371155	5	21.39	2088720	20.0