

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
 Data File : BM000264.D
 Acq On : 20 Jan 2015 13:47
 Operator : TP/IZ
 Sample : G1066-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 COARO

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	2.987	47	51	59	rVB	300876	468619	13.47%	0.972%
2	3.057	59	63	68	rVB	292568	351862	10.11%	0.730%
3	6.981	724	730	740	rVB	823496	1343705	38.62%	2.788%
4	7.151	754	759	768	rVB	573353	918887	26.41%	1.906%
5	7.351	787	793	801	rVV	775451	1216147	34.96%	2.523%
6	7.439	804	808	815	rVB2	52485	92870	2.67%	0.193%
7	7.734	856	858	860	rBV2	10816	10875	0.31%	0.023%
8	7.822	867	873	880	rBV	660627	1031323	29.64%	2.140%
9	8.516	985	991	1001	rBV	947376	1489541	42.81%	3.090%
10	8.975	1063	1069	1079	rVB	825991	1383028	39.75%	2.869%
11	9.698	1185	1192	1203	rBV	639172	1082621	31.12%	2.246%
12	10.228	1275	1282	1293	rVV	926719	1516252	43.58%	3.145%
13	10.610	1339	1347	1355	rBV	823185	1391090	39.99%	2.886%
14	10.745	1361	1370	1381	rBV	810002	1418280	40.77%	2.942%
15	11.145	1433	1438	1444	rBV3	7942	11887	0.34%	0.025%
16	11.204	1444	1448	1454	rVB4	5323	11401	0.33%	0.024%
17	11.392	1477	1480	1484	rBV2	4346	6785	0.20%	0.014%
18	11.927	1565	1571	1578	rVV	165645	259284	7.45%	0.538%
19	12.198	1609	1617	1624	rBV4	13754	26028	0.75%	0.054%
20	12.810	1716	1721	1723	rBV4	6237	8899	0.26%	0.018%
21	12.916	1734	1739	1742	rBV4	4743	7196	0.21%	0.015%
22	13.057	1758	1763	1769	rVV4	9798	18169	0.52%	0.038%
23	13.274	1794	1800	1805	rVB6	7265	13444	0.39%	0.028%
24	13.345	1808	1812	1816	rVV4	12331	19416	0.56%	0.040%
25	13.863	1894	1900	1905	rBV	1578639	2217590	63.74%	4.600%
26	13.910	1905	1908	1918	rVB	558889	731566	21.03%	1.518%
27	14.104	1937	1941	1942	rBV2	9317	10611	0.30%	0.022%
28	14.151	1942	1949	1956	rVB	1653316	2456269	70.60%	5.096%
29	14.351	1979	1983	1987	rVB3	7004	11618	0.33%	0.024%
30	14.457	1995	2001	2010	rVV	1156822	1679506	48.28%	3.484%
31	14.645	2027	2033	2043	rBV	698356	1175678	33.79%	2.439%
32	14.727	2043	2047	2053	rVV	83666	138844	3.99%	0.288%
33	14.880	2067	2073	2076	rBV5	6257	11539	0.33%	0.024%
34	15.104	2106	2111	2117	rBV5	5898	11767	0.34%	0.024%

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Integration Parameters: LSCINT.P

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35	15.221	2126	2131	2135	rBV	72094	100925	2.90%	0.209%
36	15.274	2135	2140	2145	rVB	52626	72810	2.09%	0.151%
37	15.451	2163	2170	2177	rBV	2068133	2953912	84.91%	6.128%
38	15.562	2182	2189	2201	rBV	643797	894859	25.72%	1.856%
39	15.692	2207	2211	2215	rVB4	20134	27879	0.80%	0.058%
40	15.815	2226	2232	2242	rVV	1004309	1351871	38.86%	2.804%
41	15.910	2247	2248	2254	rVB4	4863	7824	0.22%	0.016%
42	15.998	2258	2263	2268	rBV6	10019	16931	0.49%	0.035%
43	16.174	2288	2293	2298	rBV4	8808	17722	0.51%	0.037%
44	16.339	2314	2321	2327	rVB4	13026	21101	0.61%	0.044%
45	16.404	2329	2332	2334	rBV3	6133	8804	0.25%	0.018%
46	16.439	2334	2338	2342	rVB	24341	36811	1.06%	0.076%
47	16.521	2346	2352	2358	rBV	75420	133139	3.83%	0.276%
48	16.586	2358	2363	2364	rVV4	15774	27290	0.78%	0.057%
49	16.598	2364	2365	2370	rVV2	18894	22196	0.64%	0.046%
50	16.827	2400	2404	2405	rVV3	9583	11782	0.34%	0.024%
51	16.845	2405	2407	2409	rVV2	6214	6630	0.19%	0.014%
52	16.956	2423	2426	2428	rVV3	12200	13200	0.38%	0.027%
53	16.992	2430	2432	2435	rVV3	9513	9734	0.28%	0.020%
54	17.039	2437	2440	2447	rVB	31295	36712	1.06%	0.076%
55	17.151	2455	2459	2462	rVV	43001	58993	1.70%	0.122%
56	17.204	2462	2468	2475	rVV2	1370140	2009465	57.76%	4.169%
57	17.298	2478	2484	2493	rVB2	2121453	3067850	88.18%	6.364%
58	17.456	2505	2511	2512	rBV3	9796	13598	0.39%	0.028%
59	17.480	2512	2515	2518	rVB4	11264	16814	0.48%	0.035%
60	17.568	2525	2530	2542	rBV8	10606	26164	0.75%	0.054%
61	17.692	2545	2551	2555	rBV5	11055	17055	0.49%	0.035%
62	17.862	2577	2580	2585	rBV3	12747	17127	0.49%	0.036%
63	17.962	2593	2597	2598	rBV3	7178	9643	0.28%	0.020%
64	18.086	2613	2618	2626	rBV	288133	446050	12.82%	0.925%
65	18.162	2629	2631	2636	rVB2	20570	23623	0.68%	0.049%
66	18.280	2649	2651	2656	rVB6	7935	12707	0.37%	0.026%
67	18.386	2665	2669	2673	rBV4	18962	27747	0.80%	0.058%
68	18.427	2673	2676	2678	rVV4	5698	7339	0.21%	0.015%
69	18.515	2689	2691	2695	rVB4	10411	11673	0.34%	0.024%
70	18.586	2702	2703	2707	rBV3	5940	7916	0.23%	0.016%
71	18.621	2707	2709	2712	rBV4	8665	9988	0.29%	0.021%

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72	18.756	2729	2732	2737	rBV5	7429	12861	0.37%	0.027%
73	19.021	2773	2777	2783	rVB3	37415	57182	1.64%	0.119%
74	19.098	2788	2790	2794	rVB4	6968	6223	0.18%	0.013%
75	19.227	2809	2812	2814	rBV3	38031	46083	1.32%	0.096%
76	19.309	2824	2826	2830	rVB4	8420	8180	0.24%	0.017%
77	19.368	2832	2836	2846	rBV	122014	206136	5.93%	0.428%
78	19.486	2852	2856	2859	rBV3	16782	19439	0.56%	0.040%
79	19.521	2859	2862	2867	rVB5	33594	42741	1.23%	0.089%
80	19.598	2867	2875	2880	rBV	2556091	3479026	100.00%	7.217%
81	19.639	2880	2882	2894	rVB2	128138	201308	5.79%	0.418%
82	19.903	2925	2927	2928	rBV2	9562	7596	0.22%	0.016%
83	20.133	2960	2966	2972	rBV5	39787	64050	1.84%	0.133%
84	20.268	2987	2989	2992	rBV4	9167	8379	0.24%	0.017%
85	20.515	3029	3031	3036	rVB5	24598	24181	0.70%	0.050%
86	20.568	3037	3040	3045	rVB5	36794	52594	1.51%	0.109%
87	20.633	3049	3051	3054	rVB4	16232	14164	0.41%	0.029%
88	20.744	3067	3070	3073	rVB4	17452	17411	0.50%	0.036%
89	20.986	3110	3111	3116	rBV5	10511	11220	0.32%	0.023%
90	21.097	3125	3130	3143	rBV	704792	1261862	36.27%	2.618%
91	21.297	3162	3164	3167	rVB3	25235	23324	0.67%	0.048%
92	21.392	3174	3180	3185	rBV	1761576	2314348	66.52%	4.801%
93	21.503	3195	3199	3202	rBV2	129849	153072	4.40%	0.318%
94	21.974	3276	3279	3281	rBV4	27947	33398	0.96%	0.069%
95	22.438	3356	3358	3363	rVB6	40753	58237	1.67%	0.121%
96	22.580	3377	3382	3388	rBV	150693	214113	6.15%	0.444%
97	22.962	3444	3447	3454	rBV8	37579	61802	1.78%	0.128%
98	23.533	3537	3544	3556	rVB2	1613405	3186418	91.59%	6.610%
99	23.680	3562	3569	3581	rVB	1154291	2285429	65.69%	4.741%
100	24.309	3671	3676	3685	rBV7	93028	234614	6.74%	0.487%

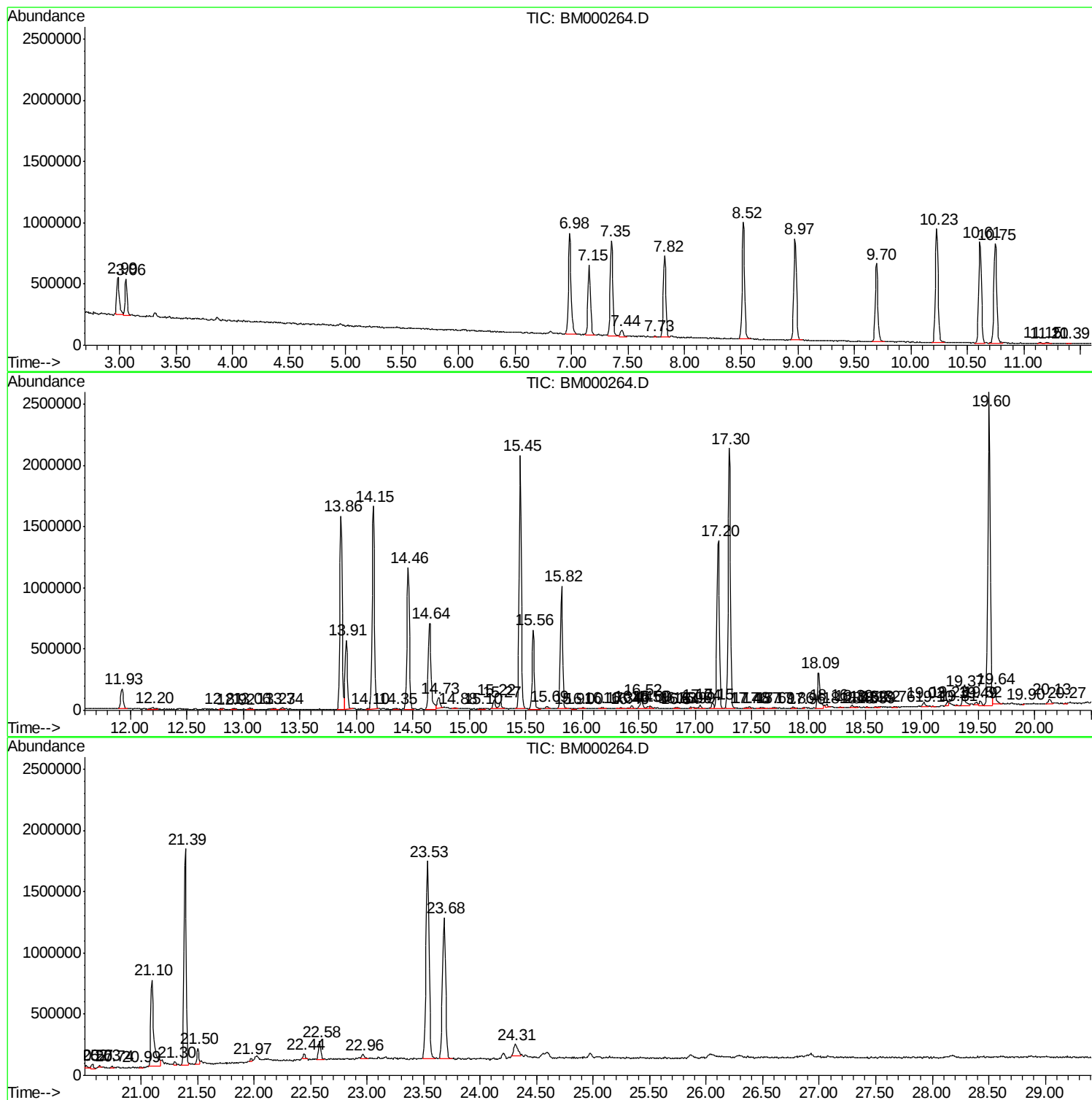
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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



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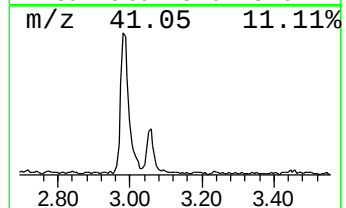
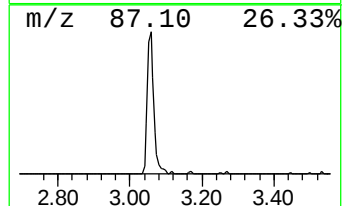
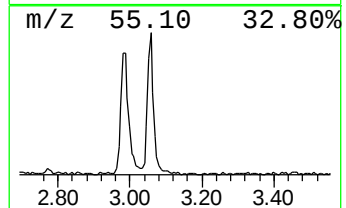
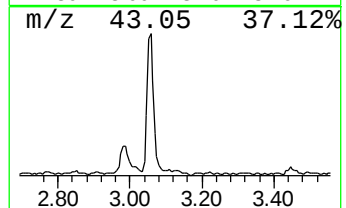
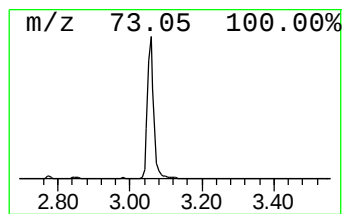
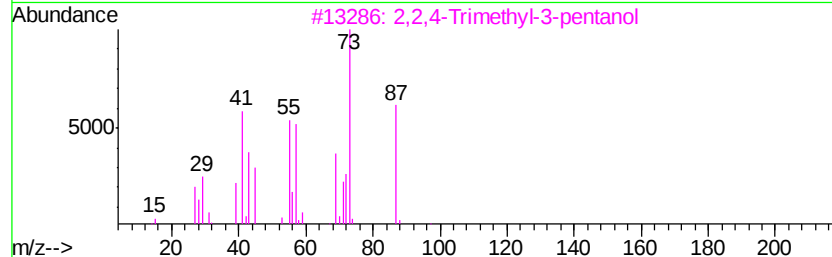
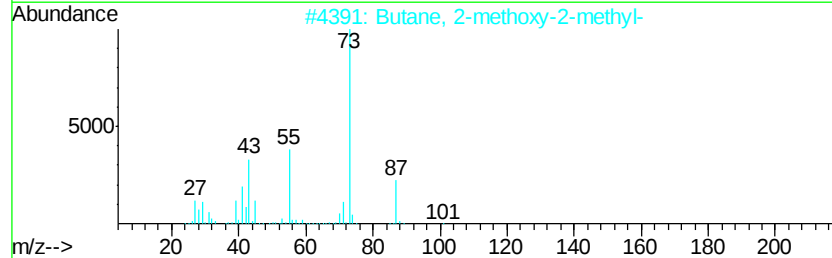
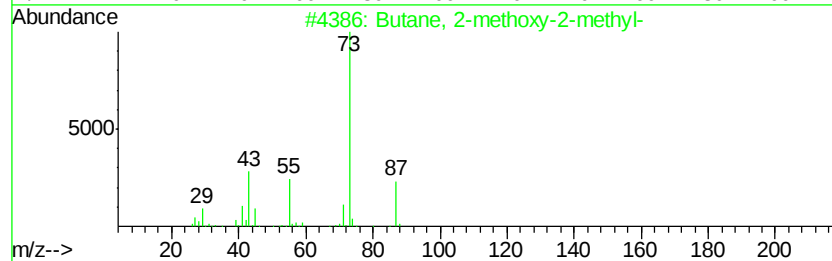
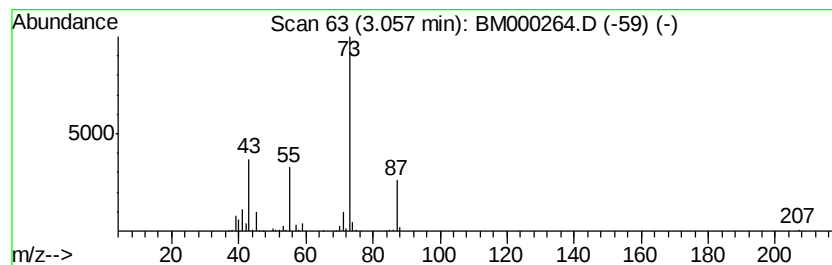
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	6.82 ng/ul	351862	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	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		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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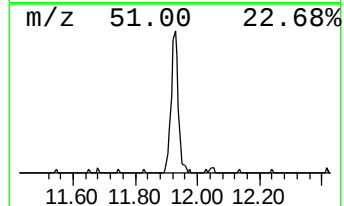
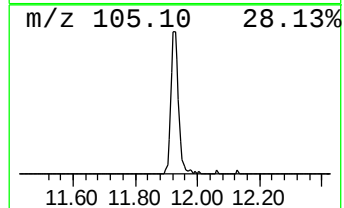
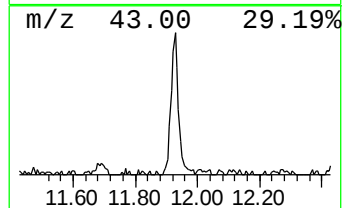
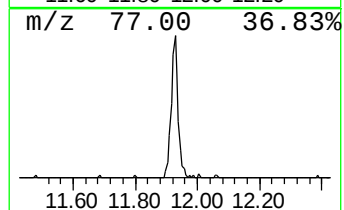
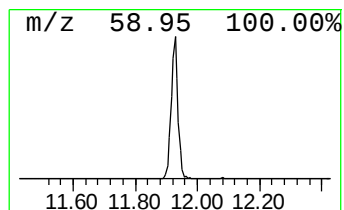
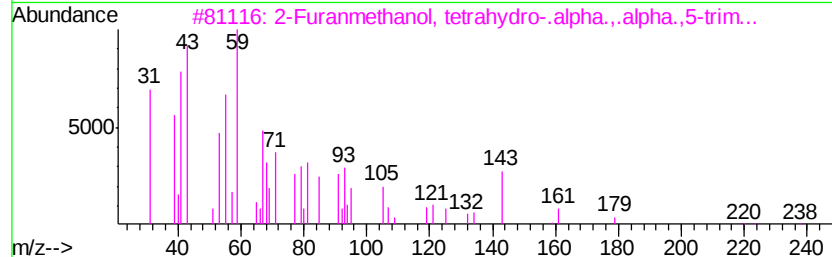
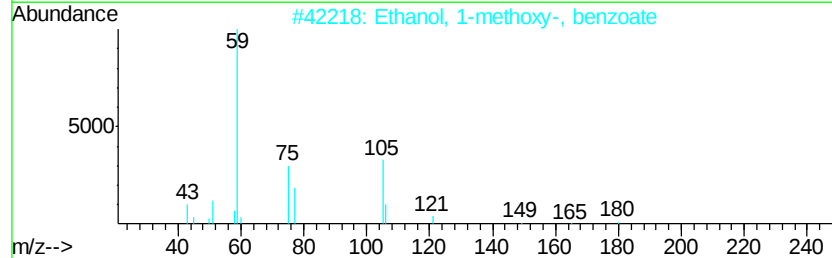
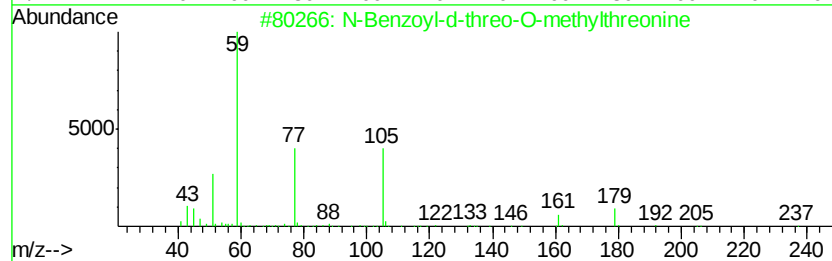
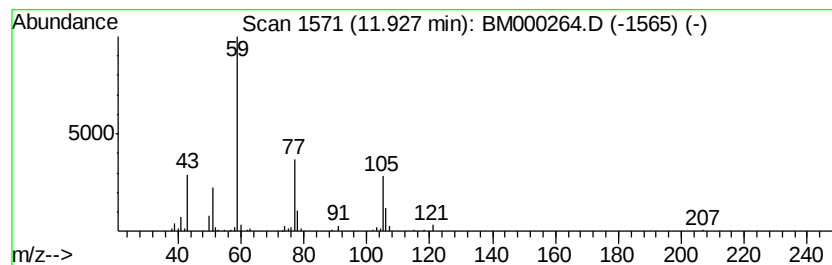
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 N-Benzoyl-d-threo-O-methylt... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.73 ng/ul	259284	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-Benzoyl-d-threo-O-methylthreonine	237	C12H15N04	131644-54-7	56
2		Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	38
3		2-Furanmethanol, tetrahydro-.alp...	238	C15H26O2	026184-88-3	25
4		Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	22
5		2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	17



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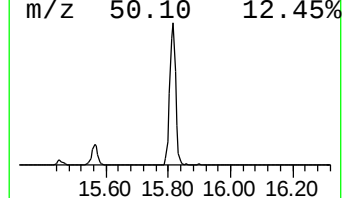
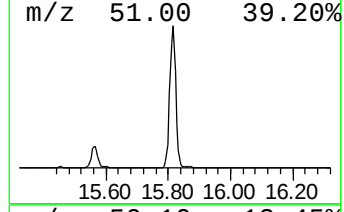
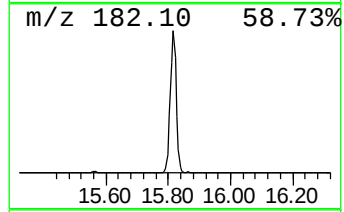
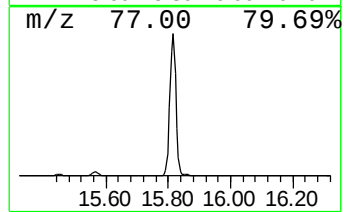
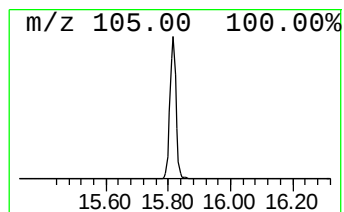
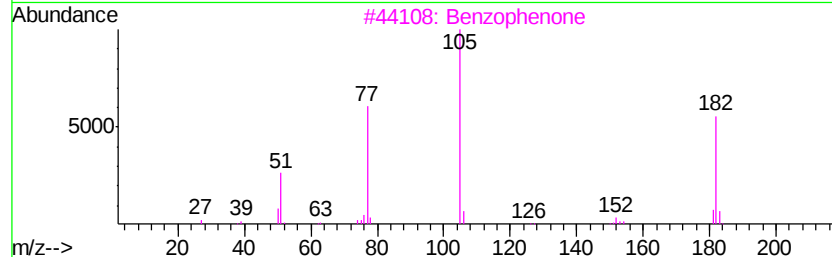
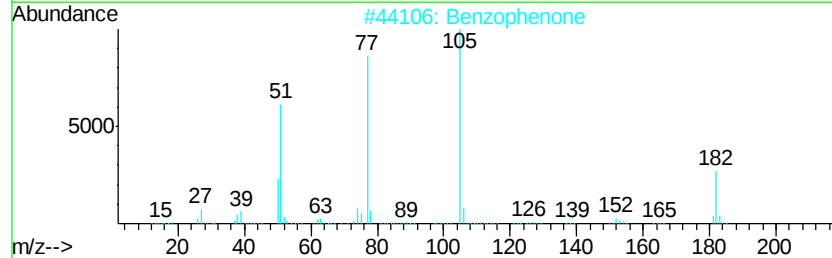
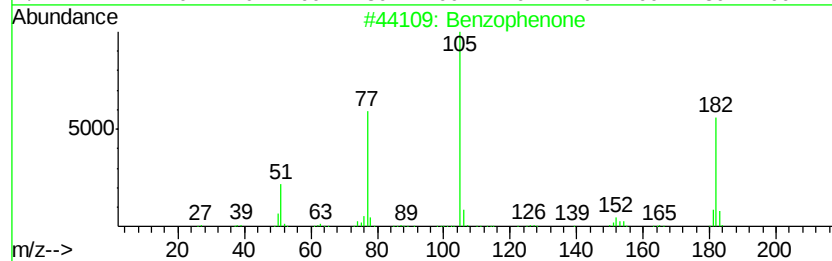
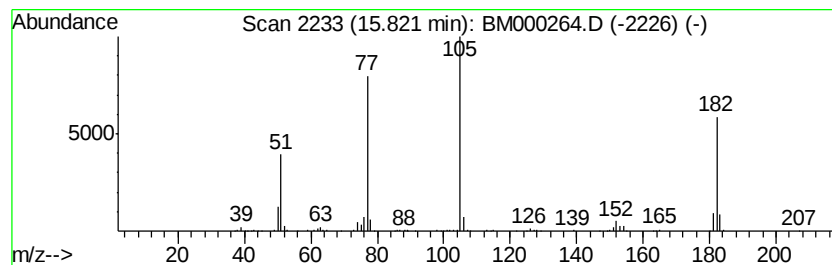
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	16.10 ng/ul	1351870	Acenaphthene-d10	14.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	97
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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000264.D
Acq On : 20 Jan 2015 13:47
Operator : TP/IZ
Sample : G1066-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ClientSampleId :
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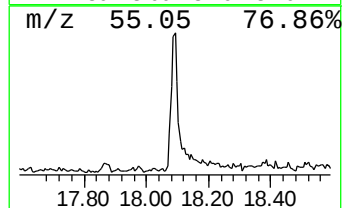
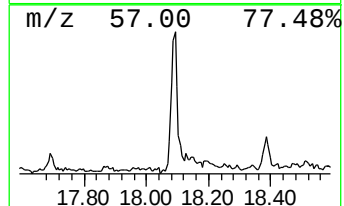
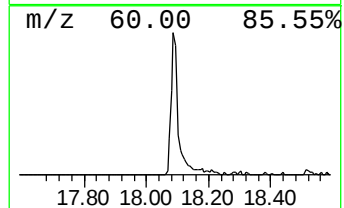
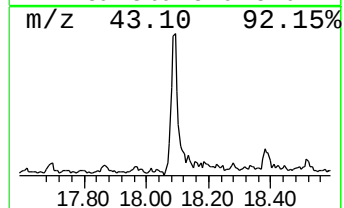
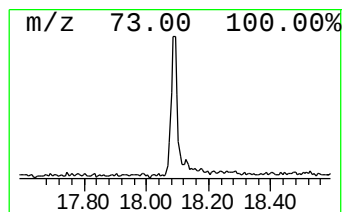
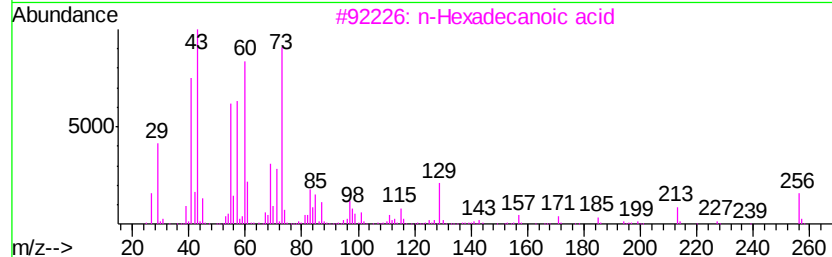
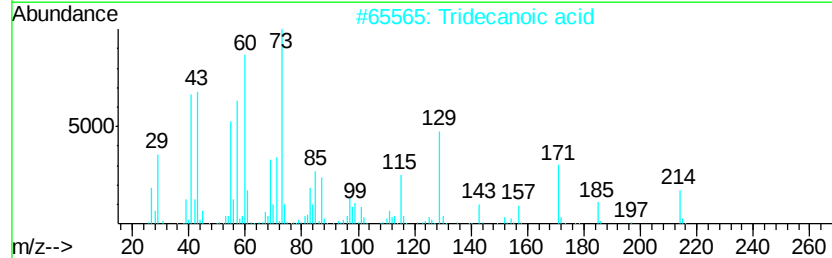
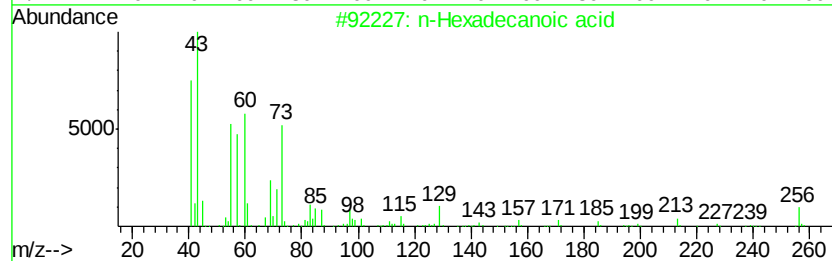
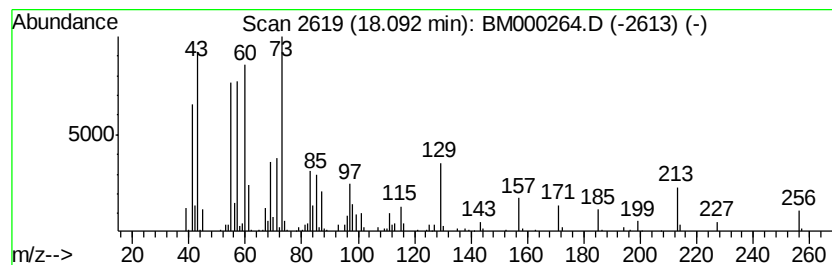
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.44 ng/ul	446050	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4		Tridecanoic acid	214	C13H26O2	000638-53-9	87
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000264.D
Acq On : 20 Jan 2015 13:47
Operator : TP/IZ
Sample : G1066-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

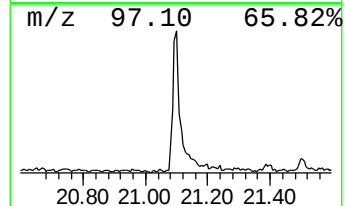
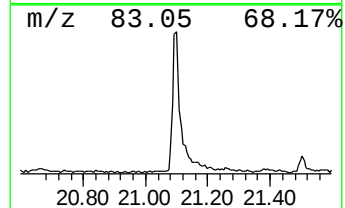
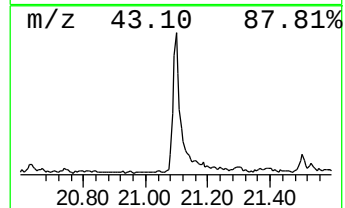
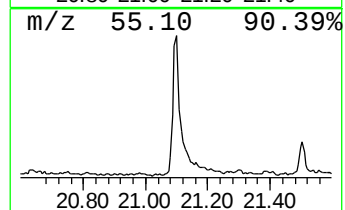
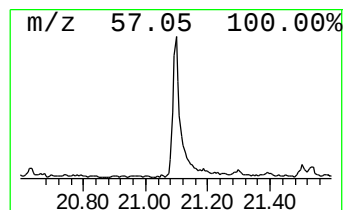
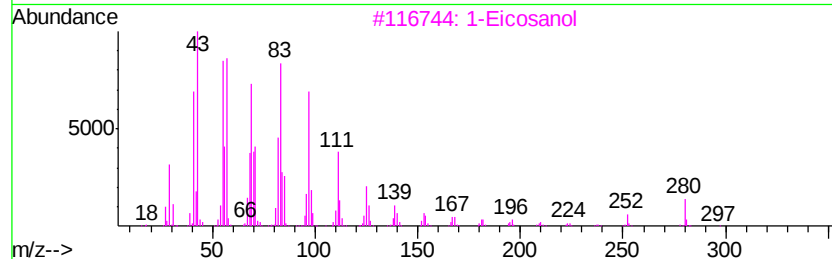
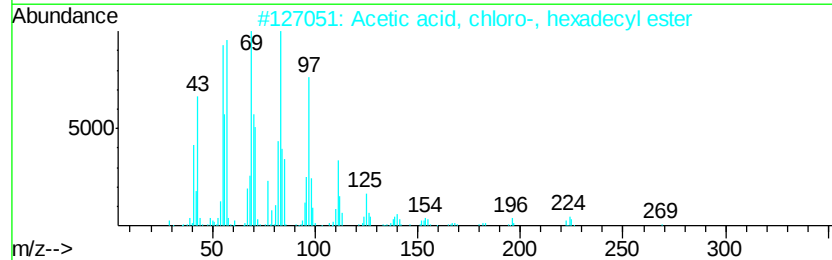
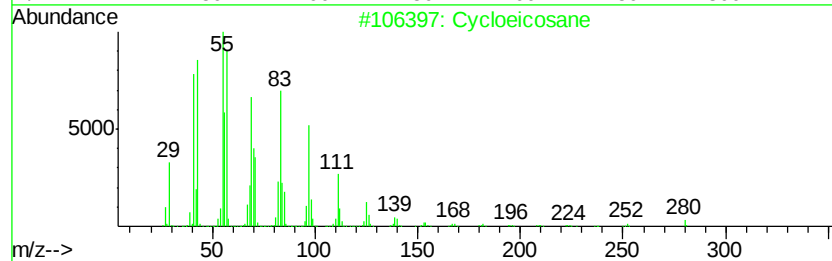
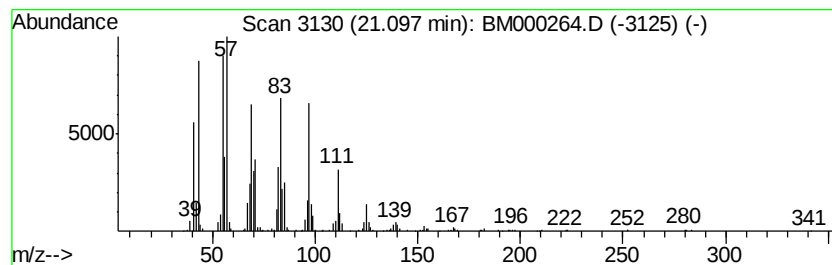
Instrument :
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	10.90 ng/ul	1261860	Chrysene-d12	21.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cycloeicosane	280 C20H40	000296-56-0 95
2		Acetic acid, chloro-, hexadecyl ...	318 C18H35ClO2	052132-58-8 91
3		1-Eicosanol	298 C20H42O	000629-96-9 91
4		1-Heptadecanol	256 C17H36O	001454-85-9 91
5		Bromoacetic acid, hexadecyl ester	362 C18H35BrO2	005454-48-8 91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000264.D
Acq On : 20 Jan 2015 13:47
Operator : TP/IZ
Sample : G1066-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ClientSampleID :
C0AR0

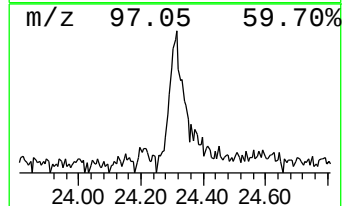
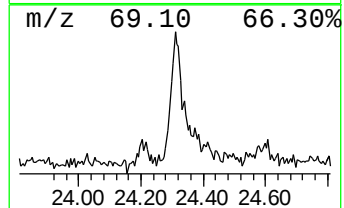
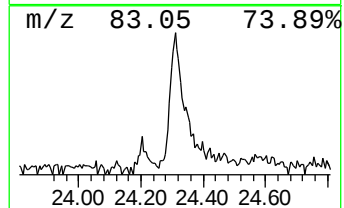
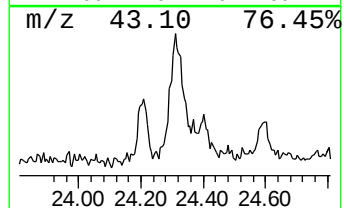
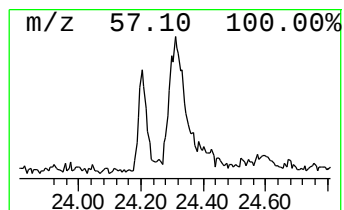
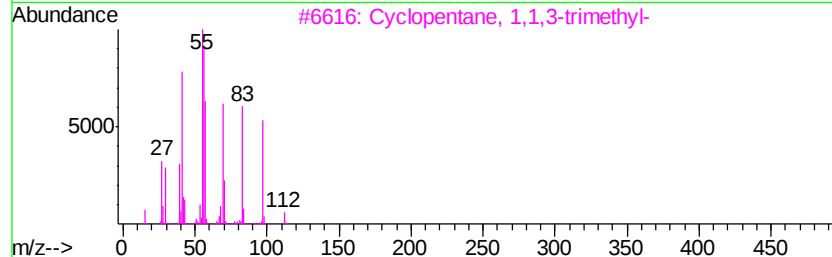
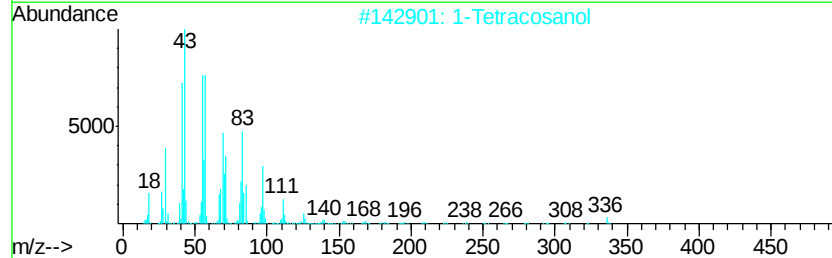
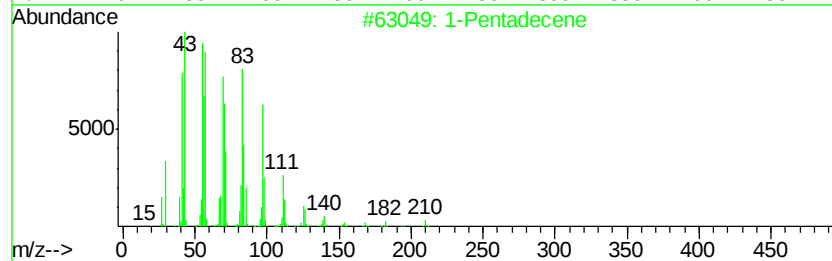
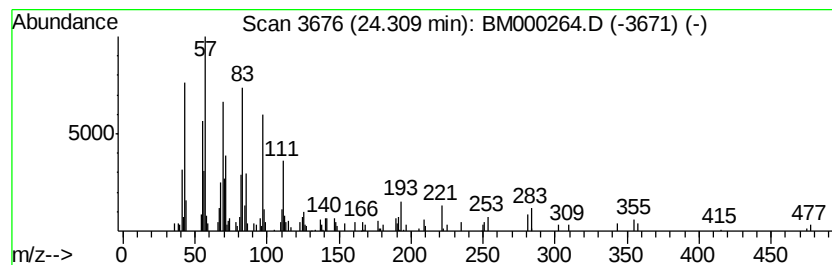
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.31	2.05 ng/ul	234614	Perylene-d12	23.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentadecene	210	C15H30	013360-61-7	80
2		1-Tetracosanol	354	C24H50O	000506-51-4	64
3		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	46
4		Cyclotetracosane	336	C24H48	000297-03-0	43
5		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000264.D
Acq On : 20 Jan 2015 13:47
Operator : TP/IZ
Sample : G1066-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AR0

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	6.8	ng/ul	351862	1	7.82	1031320	20.0
N-Benzoyl-d-threo...	11.93	3.7	ng/ul	259284	2	10.61	1391090	20.0
Benzophenone	15.82	16.1	ng/ul	1351870	3	14.46	1679510	20.0
n-Hexadecanoic acid	18.09	4.4	ng/ul	446050	4	17.20	2009470	20.0
(DEL) Alkane: Cyclic	21.10	10.9	ng/ul	1261860	5	21.39	2314350	20.0
(DEL) Alkane: Cyclic	24.31	2.0	ng/ul	234614	6	23.68	2285430	20.0