LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000298.D
Acq On : 21 Jan 2015 13:29
Operator : TP/IZ
Sample : G1105-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AT6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	357174	521665	19.53%	1.350%
2	3.057	58	63	76	rVB	1252738	1677033	62.78%	4.341%
3	6.981	724	730	739	rVB	684951	1155787	43.27%	2.992%
4	7.151	754	759	765	rVB	487263	746297	27.94%	1.932%
5	7.351	787	793	801	rVV	658037	1043571	39.07%	2.701%
6	7.440	805	808	813	rVB3	39919	54356	2.03%	0.141%
7	7.822	867	873	880	rVB	718393	1163176	43.55%	3.011%
8	8.516	985	991	998	rBV	774549	1230195	46.05%	3.184%
9	8.975	1062	1069	1075	rBV	727629	1179916	44.17%	3.054%
10	9.692	1184	1191	1203	rVB	527661	897104	33.58%	2.322%
11	10.228	1275	1282	1290	rBV	739923	1228587	45.99%	3.180%
12	10.610	1340	1347	1354	rVB	882589	1489148	55.75%	3.855%
13	10.745	1363	1370	1380	rVB	401638	685012	25.64%	1.773%
14	11.116	1431	1433	1436	rBV2	2143	3069	0.11%	0.008%
15	11.216	1448	1450	1454	rVB	3678	4445	0.17%	0.012%
16	11.257	1454	1457	1458	rBV	3452	3081	0.12%	0.008%
17	11.404	1481	1482	1487	rBV	2917	3421	0.13%	0.009%
18	11.504	1497	1499	1503	rVB	4318	4282	0.16%	0.011%
19	11.539	1503	1505	1508	rBV2	3800	2897	0.11%	0.007%
20	11.610	1515	1517	1522	rBV2	2226	3457	0.13%	0.009%
21	11.680	1528	1529	1534	rVB3	5023	4723	0.18%	0.012%
22	11.775	1543	1545	1549	rBV	2142	2958	0.11%	0.008%
23	11.922	1565	1570	1582	rVB2	65034	115765	4.33%	0.300%
24	12.004	1582	1584	1587	rBV	2091	2975	0.11%	0.008%
25	12.198	1613	1617	1621	rBV3	8489	13718	0.51%	0.036%
26	12.269	1628	1629	1633	rBV	2806	2808	0.11%	0.007%
27	13.274	1796	1800	1802	rBV2	6096	6562	0.25%	0.017%
28	13.704	1870	1873	1875	rBV	3121	3080	0.12%	0.008%
29	13.863	1893	1900	1904	rBV	1273235	1710281	64.03%	4.427%
30	13.910	1904	1908	1918	rVB	151785	225052	8.43%	0.583%
31	14.021	1924	1927	1932	rVB2	2452	4097	0.15%	0.011%
32	14.145	1942	1948	1955	rBV	1280441	1914276	71.66%	4.955%
33	14.351	1979	1983	1989	rVB3	8053	11552	0.43%	0.030%
34	14.457	1993	2001	2008	rBV	1176405	1724999	64.58%	4.465%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000298.D
Acq On : 21 Jan 2015 13:29
Operator : TP/IZ
Sample : G1105-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AT6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

35	14.645	2026	2033	2044	rBV	500323	790432	29.59%	2.046%
36	14.727	2044	2047	2052	rVV4	19150	31052	1.16%	0.080%
37	14.763	2052	2053	2057	rVB2	3570	3627	0.14%	0.009%
38	14.863	2066	2070	2078	rVB5	4982	10304	0.39%	0.027%
39	14.939	2081	2083	2086	rBV2	3192	3885	0.15%	0.010%
40	15.245	2130	2135	2137	rBV3	3520	3632	0.14%	0.009%
41	15.445	2163	2169	2177	rBV	1563693	2266152	84.84%	5.866%
42	15.563	2183	2189	2198	rBV	423800	574282	21.50%	1.487%
43	15.686	2202	2210	2214	rVB5	15659	22269	0.83%	0.058%
44	15.810	2225	2231	2239	rVB	266871	362380	13.57%	0.938%
45	16.986	2428	2431	2435	rVB	4924	5415	0.20%	0.014%
46	17.086	2445	2448	2451	rBV4	2356	3027	0.11%	0.008%
47	17.139	2454	2457	2460	rBV2	1784	2852	0.11%	0.007%
48	17.198	2461	2467	2475	rVB	1409345	2011466	75.30%	5.207%
49	17.298	2478	2484	2493	rBV	1699273	2372440	88.82%	6.141%
50	18.086	2613	2618	2627	rBV	235962	343735	12.87%	0.890%
51	18.151	2627	2629	2630	rVB	3396	2967	0.11%	0.008%
52	18.398	2666	2671	2674	rBV6	5254	9939	0.37%	0.026%
53	18.486	2684	2686	2688	rVV3	3070	3364	0.13%	0.009%
54	18.521	2688	2692	2694	rVV5	5194	7455	0.28%	0.019%
55	18.615	2706	2708	2711	rBV3	3529	3339	0.13%	0.009%
56	18.715	2723	2725	2729	rBV2	4971	5141	0.19%	0.013%
57	18.821	2742	2743	2747	rBV3	3125	3572	0.13%	0.009%
58	18.856	2747	2749	2751	rVV3	4250	3674	0.14%	0.010%
59	18.886	2752	2754	2756	rVV3	4670	3954	0.15%	0.010%
60	18.904	2756	2757	2759	rVV2	3700	3000	0.11%	0.008%
61	18.951	2762	2765	2768	rBV4	3259	5616	0.21%	0.015%
62	18.992	2770	2772	2775	rBV2	3278	3543	0.13%	0.009%
63	19.021	2775	2777	2780	rVB4	4200	4585	0.17%	0.012%
64	19.098	2788	2790	2792	rBV3	3488	3123	0.12%	0.008%
65	19.227	2808	2812	2813	rBV2	19633	20499	0.77%	0.053%
66	19.368	2831	2836	2850	rBV	177441	281855	10.55%	0.730%
67	19.480	2852	2855	2858	rVB2	16780	20256	0.76%	0.052%
68	19.592	2868	2874	2881	rBV	1853995	2671147	100.00%	6.914%
69	19.645	2881	2883	2891	rVV4	18965	29722	1.11%	0.077%
70	19.727	2896	2897	2898	rBV	4997	2861	0.11%	0.007%
71	20.145	2966	2968	2969	rBV2	4341	3644	0.14%	0.009%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000298.D
Acq On : 21 Jan 2015 13:29
Operator : TP/IZ
Sample : G1105-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AT6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

72	20.268	2987	2989	2992	rVB4	6845	7349	0.28%	0.019%
73	20.298	2992	2994	2995	rBV	5153	3741	0.14%	0.010%
74	20.315	2995	2997	2998	rBV2	5385	3235	0.12%	0.008%
75	20.415	3011	3014	3015	rBV2	5119	5570	0.21%	0.014%
76	20.456	3019	3021	3023	rVV3	5361	4190	0.16%	0.011%
77	20.515	3029	3031	3035	rVB4	12181	14223	0.53%	0.037%
78	20.550	3035	3037	3038	rBV2	7308	6468	0.24%	0.017%
79	20.898	3094	3096	3098	rBV3	6058	5258	0.20%	0.014%
80	21.103	3124	3131	3141	rBV7	130303	380070	14.23%	0.984%
81	21.386	3174	3179	3186	rBV	1871629	2395570	89.68%	6.201%
82	21.503	3195	3199	3202	rBV4	59232	77930	2.92%	0.202%
83	22.574	3377	3381	3388	rBV2	61284	102144	3.82%	0.264%
84	23.533	3536	3544	3555	rVB2	1361091	2591867	97.03%	6.709%
85	23.680	3561	3569	3577	rBV	1187815	2294468	85.90%	5.939%

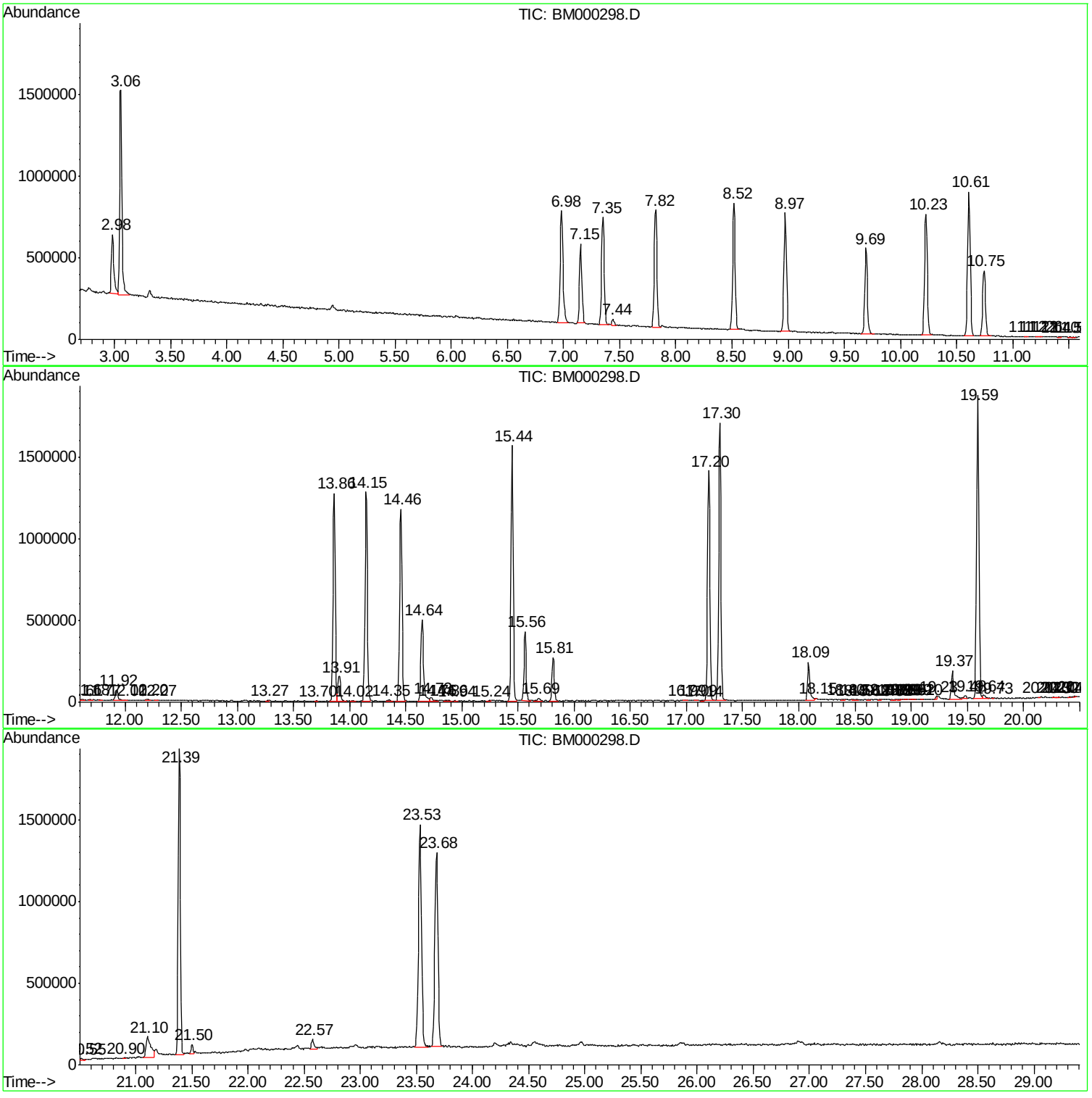
Sum of corrected areas: 38631634

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000298.D
Acq On : 21 Jan 2015 13:29
Operator : TP/IZ
Sample : G1105-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AT6

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000298.D
Acq On : 21 Jan 2015 13:29
Operator : TP/IZ
Sample : G1105-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AT6

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

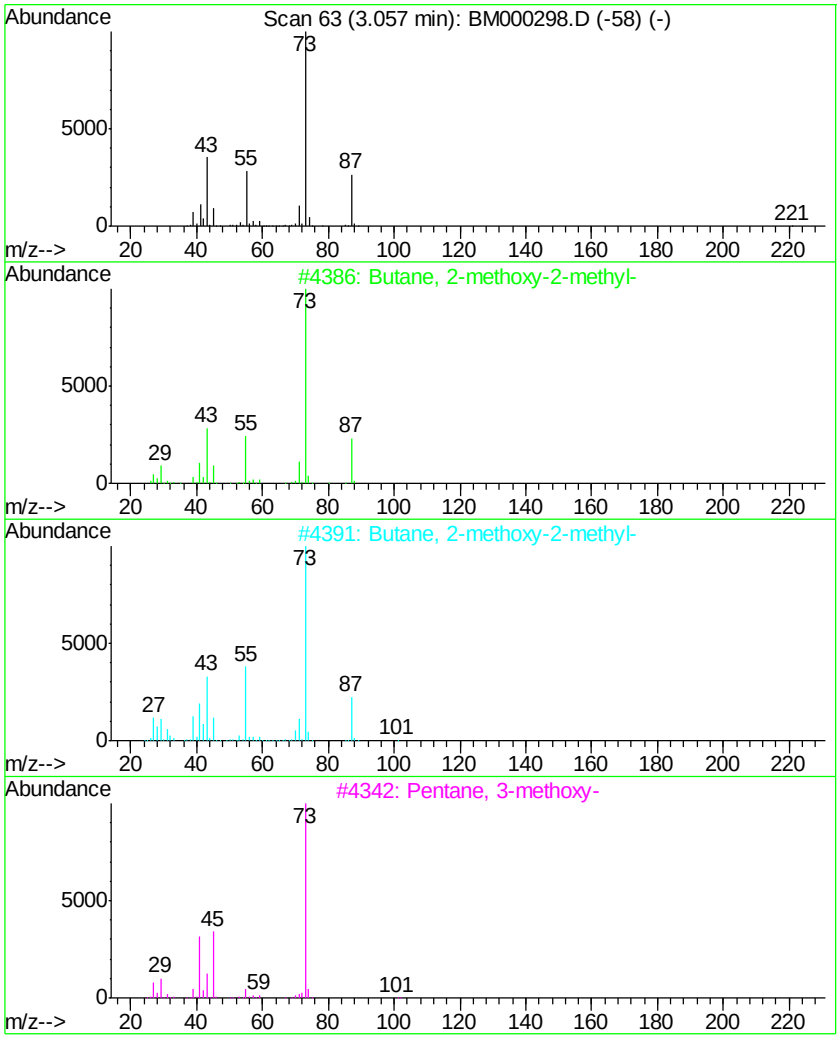
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

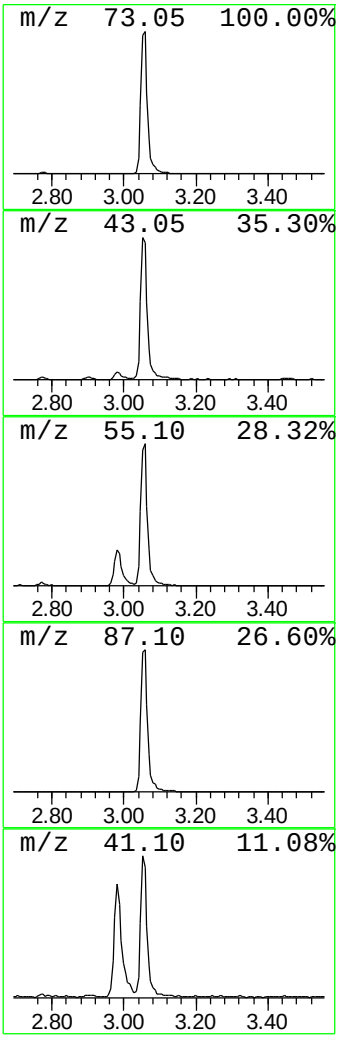
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	28.84 ng/ul	1677030	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000298.D
Acq On : 21 Jan 2015 13:29
Operator : TP/IZ
Sample : G1105-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AT6

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

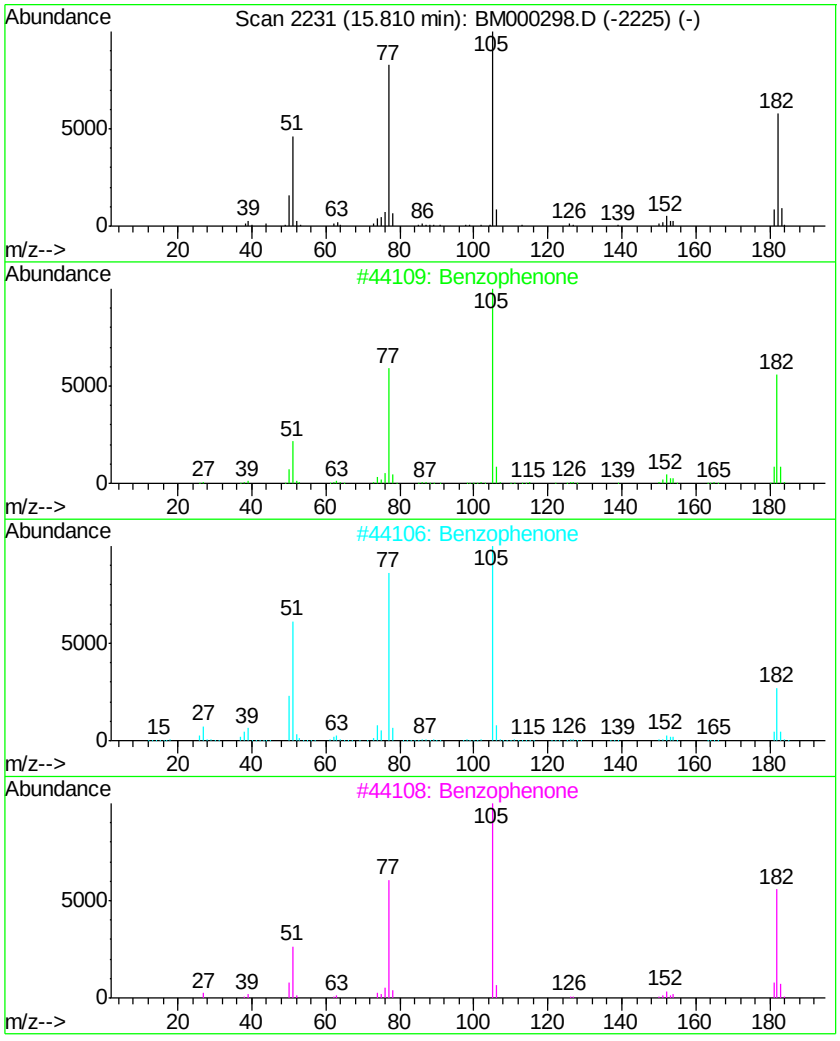
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

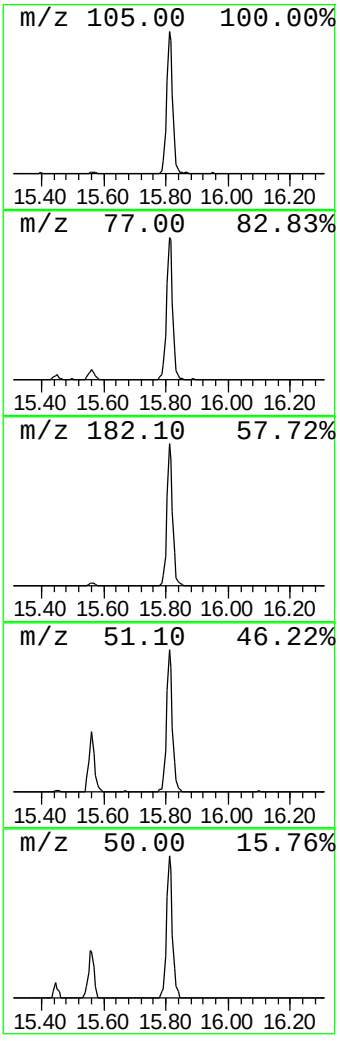
****

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	4.20 ng/ul	362380	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	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 : BM000298.D
Acq On : 21 Jan 2015 13:29
Operator : TP/IZ
Sample : G1105-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AT6

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

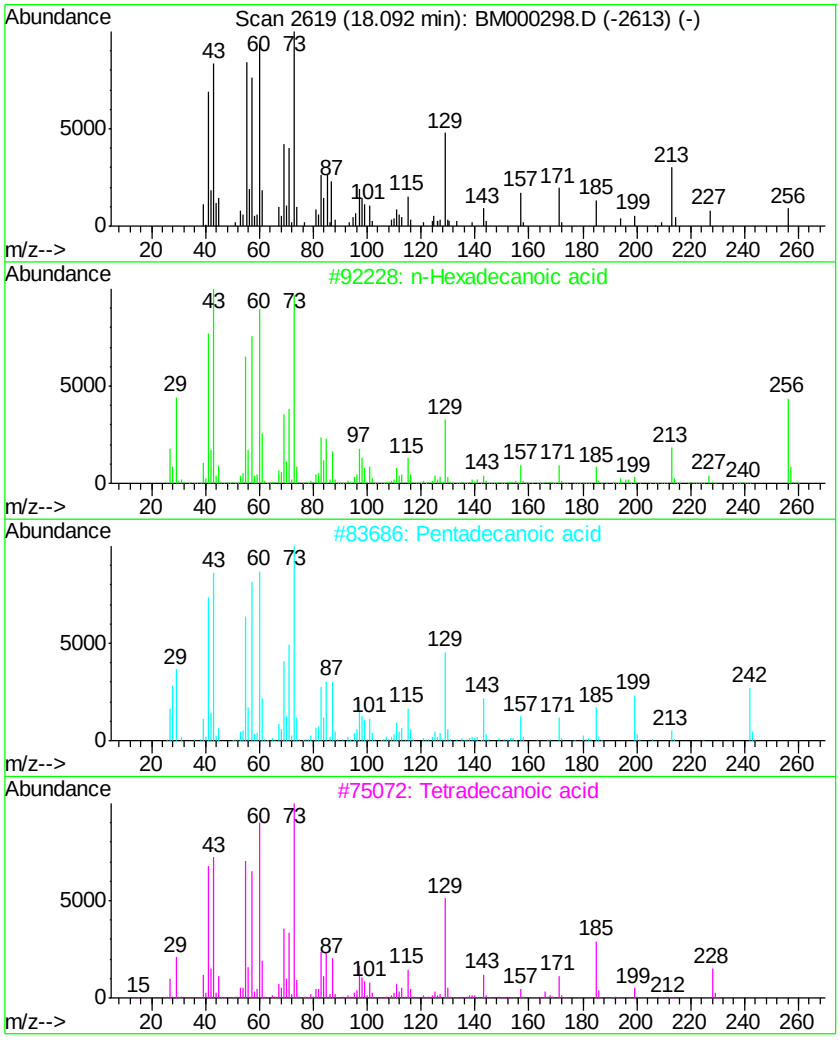
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

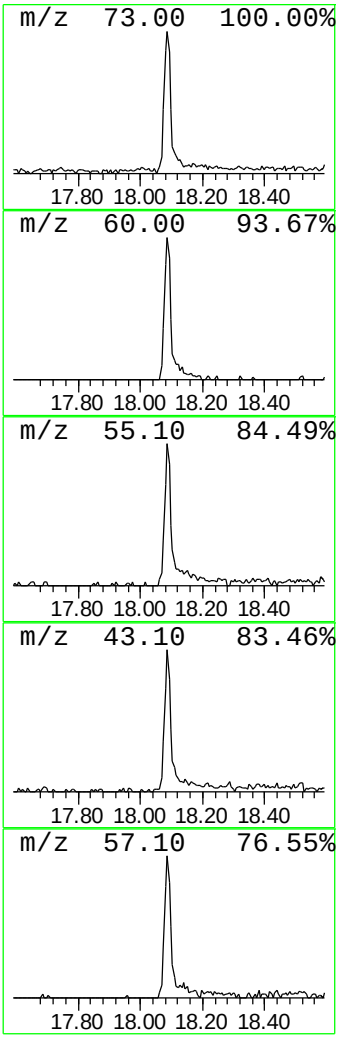
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.42 ng/ul	343735	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Undecanoic acid	186	C11H22O2	000112-37-8	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000298.D
Acq On : 21 Jan 2015 13:29
Operator : TP/IZ
Sample : G1105-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AT6

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

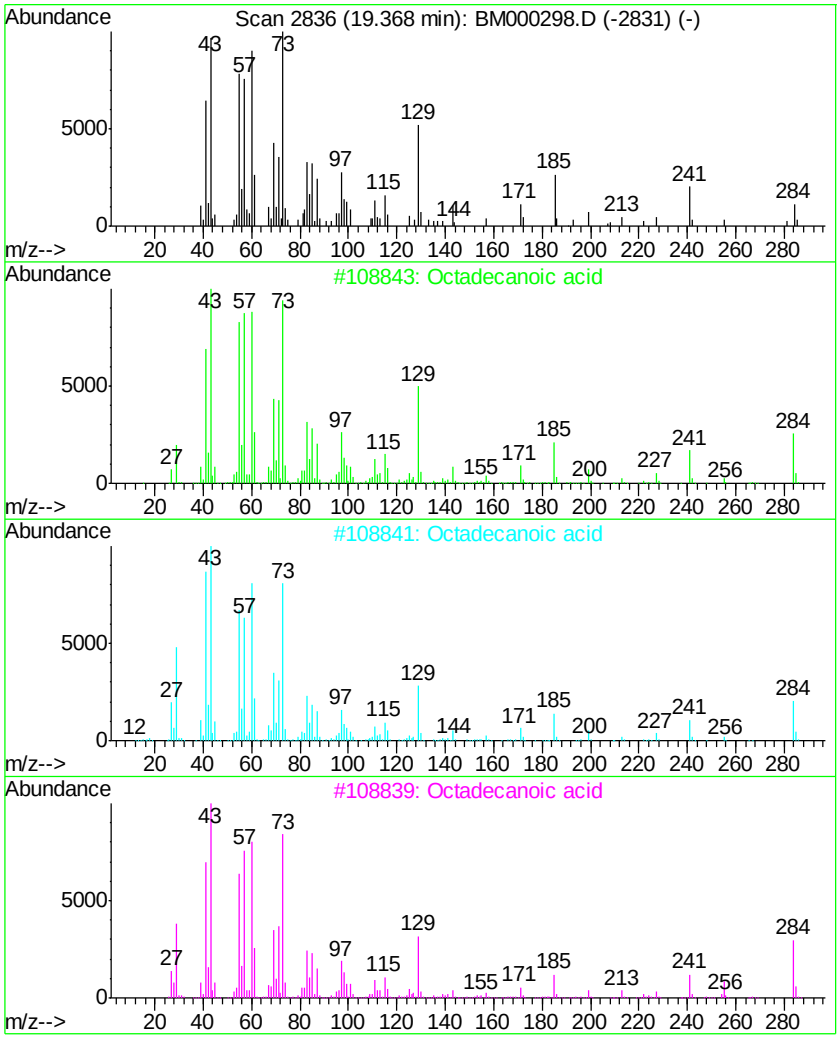
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

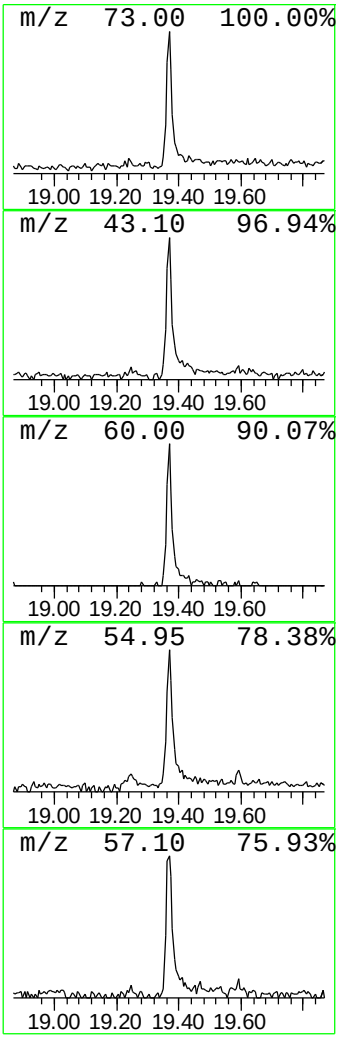
****

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.35 ng/ul	281855	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000298.D
Acq On : 21 Jan 2015 13:29
Operator : TP/IZ
Sample : G1105-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AT6

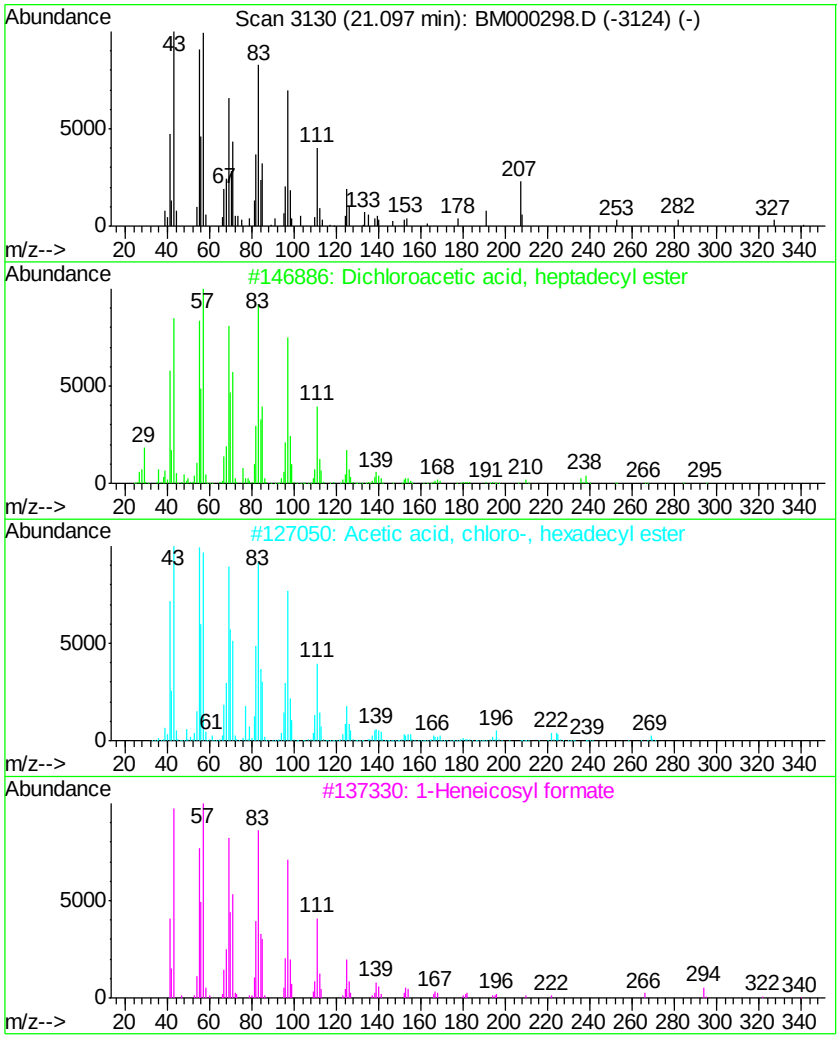
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

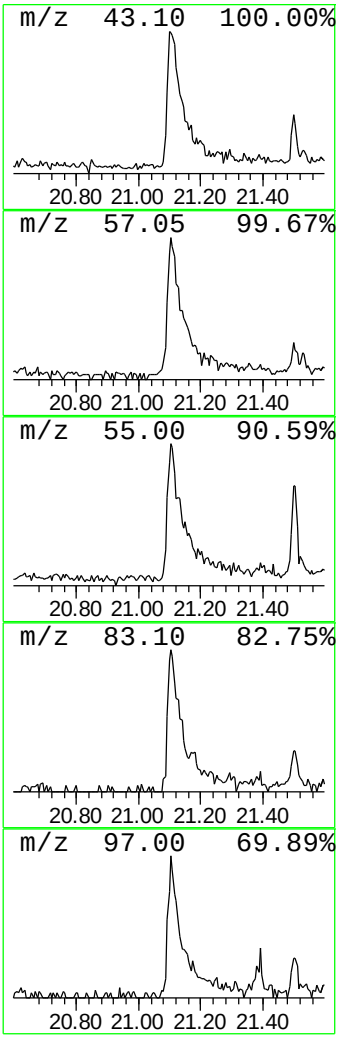
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	3.17 ng/ul	380070	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	83
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	81
4	1-Tetracosanol	354	C24H50O	000506-51-4	70
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000298.D
Acq On : 21 Jan 2015 13:29
Operator : TP/IZ
Sample : G1105-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AT6

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.06	28.8	ng/ul	1677030	1	7.82	1163180	20.0
Benzophenone	15.81	4.2	ng/ul	362380	3	14.46	1725000	20.0
n-Hexadecanoic acid	18.09	3.4	ng/ul	343735	4	17.20	2011470	20.0
Octadecanoic acid	19.37	2.4	ng/ul	281855	5	21.39	2395570	20.0
Dichloroacetic ac...	21.10	3.2	ng/ul	380070	5	21.39	2395570	20.0