LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000253.D
Acq On : 17 Jan 2015 03:28
Operator : TP/IZ
Sample : G1065-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AD9

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	2.775	13	15	25	rVB3	32372	39611	1.11%	0.084%
2	2.846	25	27	34	rVB7	13963	18174	0.51%	0.038%
3	2.987	45	51	59	rBV	596526	926549	26.05%	1.956%
4	3.057	59	63	77	rVB	1525759	1851797	52.06%	3.910%
5	3.316	102	107	110	rBV	47850	59767	1.68%	0.126%
6	3.351	110	113	119	rVB3	16683	22755	0.64%	0.048%
7	3.451	128	130	136	rVB4	10126	12536	0.35%	0.026%
8	3.957	213	216	218	rVB4	6530	6213	0.17%	0.013%
9	3.998	219	223	226	rVB4	2850	4136	0.12%	0.009%
10	4.375	282	287	288	rBV4	3005	4232	0.12%	0.009%
11	4.640	329	332	334	rBV3	5826	8008	0.23%	0.017%
12	4.951	379	385	394	rVB	213835	307755	8.65%	0.650%
13	5.281	437	441	446	rVB3	5138	7987	0.22%	0.017%
14	6.045	565	571	577	rBV5	7006	14235	0.40%	0.030%
15	6.810	697	701	705	rBV3	2768	4657	0.13%	0.010%
16	6.987	722	731	743	rBV	838590	1415497	39.79%	2.989%
17	7.157	753	760	771	rBV	584949	890406	25.03%	1.880%
18	7.257	774	777	780	rVB3	3694	4129	0.12%	0.009%
19	7.357	786	794	801	rBV	785282	1253471	35.24%	2.646%
20	7.445	803	809	816	rVB2	33990	52171	1.47%	0.110%
21	7.828	867	874	880	rBV	543266	880655	24.76%	1.859%
22	7.881	880	883	890	rVB4	10218	16268	0.46%	0.034%
23	8.522	985	992	1002	rBV	892073	1440977	40.51%	3.042%
24	8.586	1002	1003	1009	rVB5	6276	8891	0.25%	0.019%
25	8.981	1063	1070	1077	rBV	807418	1300630	36.56%	2.746%
26	9.392	1136	1140	1144	rVB4	9737	15529	0.44%	0.033%
27	9.698	1183	1192	1201	rBV	667952	1126106	31.66%	2.378%
28	10.233	1276	1283	1292	rBV	938708	1588181	44.65%	3.353%
29	10.616	1341	1348	1357	rBV	745477	1236835	34.77%	2.611%
30	10.751	1364	1371	1385	rBV	543288	954167	26.82%	2.015%
31	11.927	1566	1571	1578	rVB	41873	70843	1.99%	0.150%
32	12.204	1613	1618	1622	rVB3	12223	19824	0.56%	0.042%
33	13.057	1760	1763	1767	rBV3	3380	4234	0.12%	0.009%
34	13.280	1798	1801	1803	rBV2	5266	5084	0.14%	0.011%

LSC Area Percent Report

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AD9

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	13.633	1856	1861	1864	rBB4	3385	4848	0.14%	0.010%
36	13.868	1894	1901	1905	rBV	1672016	2342476	65.85%	4.946%
37	13.910	1905	1908	1915	rVB	176016	243589	6.85%	0.514%
38	14.033	1924	1929	1932	rBV4	2368	4340	0.12%	0.009%
39	14.151	1942	1949	1963	rBV	1632986	2437780	68.53%	5.147%
40	14.357	1979	1984	1987	rVB3	9893	12018	0.34%	0.025%
41	14.457	1995	2001	2012	rVB	1077024	1611438	45.30%	3.402%
42	14.645	2024	2033	2044	rBV	732882	1165036	32.75%	2.460%
43	14.733	2045	2048	2054	rVV4	19538	34944	0.98%	0.074%
44	14.792	2056	2058	2063	rVB5	3416	6013	0.17%	0.013%
45	14.874	2070	2072	2075	rVB3	5175	4863	0.14%	0.010%
46	15.010	2091	2095	2099	rBV5	3830	6207	0.17%	0.013%
47	15.051	2099	2102	2106	rVV3	2546	4337	0.12%	0.009%
48	15.310	2142	2146	2150	rVB4	6027	8065	0.23%	0.017%
49	15.362	2150	2155	2158	rBV3	2667	4322	0.12%	0.009%
50	15.451	2163	2170	2180	rBV	2157565	3094511	86.99%	6.534%
51	15.562	2184	2189	2200	rBV	706899	991522	27.87%	2.093%
52	15.692	2206	2211	2216	rVB4	24479	33292	0.94%	0.070%
53	15.815	2227	2232	2237	rBV	109422	150429	4.23%	0.318%
54	16.098	2278	2280	2284	rVB4	4993	6217	0.17%	0.013%
55	16.168	2288	2292	2294	rBV3	4882	5016	0.14%	0.011%
56	16.404	2329	2332	2336	rVB5	3127	4011	0.11%	0.008%
57	16.486	2344	2346	2350	rVB3	3744	4195	0.12%	0.009%
58	16.598	2362	2365	2370	rVB3	5118	8275	0.23%	0.017%
59	16.956	2423	2426	2428	rBV2	7017	7097	0.20%	0.015%
60	16.992	2428	2432	2434	rVV3	4732	4708	0.13%	0.010%
61	17.098	2446	2450	2453	rBV4	2964	4663	0.13%	0.010%
62	17.203	2461	2468	2478	rBV	1345468	1921590	54.02%	4.057%
63	17.304	2478	2485	2493	rBV2	2279356	3360132	94.46%	7.094%
64	17.492	2513	2517	2521	rVB6	4570	7300	0.21%	0.015%
65	17.580	2528	2532	2535	rVB4	4487	6067	0.17%	0.013%
66	17.733	2556	2558	2563	rBV4	4717	8182	0.23%	0.017%
67	17.862	2578	2580	2584	rBV5	3685	4541	0.13%	0.010%
68	17.921	2588	2590	2594	rBV3	3240	5204	0.15%	0.011%
69	17.962	2594	2597	2600	rBV3	11234	13873	0.39%	0.029%
70	18.092	2614	2619	2629	rBV	334127	512023	14.39%	1.081%
71	18.386	2665	2669	2673	rBV6	7726	10879	0.31%	0.023%

LSC Area Percent Report

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Acq On : 17 Jan 2015 03:28
Operator : TP/IZ
Sample : G1065-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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C0AD9

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

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Peak separation: 5

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

72	18.715	2722	2725	2727	rBV4	4777	5692	0.16%	0.012%
73	18.756	2730	2732	2737	rBV4	8662	10252	0.29%	0.022%
74	18.850	2746	2748	2753	rVB6	8164	9224	0.26%	0.019%
75	18.945	2761	2764	2765	rBV3	5750	5212	0.15%	0.011%
76	19.021	2775	2777	2780	rVV4	12090	12665	0.36%	0.027%
77	19.150	2797	2799	2803	rVB4	5274	4769	0.13%	0.010%
78	19.186	2803	2805	2808	rVB3	6508	5781	0.16%	0.012%
79	19.233	2808	2813	2818	rBV3	38340	75439	2.12%	0.159%
80	19.368	2832	2836	2847	rBV3	143380	238885	6.72%	0.504%
81	19.486	2853	2856	2859	rVB2	26028	28011	0.79%	0.059%
82	19.515	2859	2861	2863	rBV2	6038	5300	0.15%	0.011%
83	19.597	2869	2875	2879	rBV	2658962	3557329	100.00%	7.511%
84	19.639	2879	2882	2894	rVB	227405	357487	10.05%	0.755%
85	19.997	2939	2943	2945	rBV5	9291	9426	0.26%	0.020%
86	20.109	2958	2962	2964	rBV5	17587	24929	0.70%	0.053%
87	20.133	2964	2966	2971	rVB6	24205	29028	0.82%	0.061%
88	20.456	3019	3021	3023	rBV3	8943	7023	0.20%	0.015%
89	20.515	3026	3031	3035	rVV7	12658	21283	0.60%	0.045%
90	20.627	3048	3050	3053	rVB4	16818	17819	0.50%	0.038%
91	21.091	3124	3129	3140	rBV	722411	1025311	28.82%	2.165%
92	21.297	3161	3164	3168	rVB2	40523	51120	1.44%	0.108%
93	21.386	3174	3179	3186	rBV	1713429	2126558	59.78%	4.490%
94	21.497	3195	3198	3202	rBV4	77544	103884	2.92%	0.219%
95	21.968	3276	3278	3279	rBV2	21230	16444	0.46%	0.035%
96	22.444	3354	3359	3363	rVB6	58969	88475	2.49%	0.187%
97	22.574	3377	3381	3386	rBV	131621	190787	5.36%	0.403%
98	23.527	3536	3543	3555	rVB2	1817112	3546591	99.70%	7.488%
99	23.674	3561	3568	3577	rVB2	1014929	2015369	56.65%	4.255%
100	24.291	3669	3673	3680	rBV8	71362	147341	4.14%	0.311%

Sum of corrected areas: 47363747

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Instrument :
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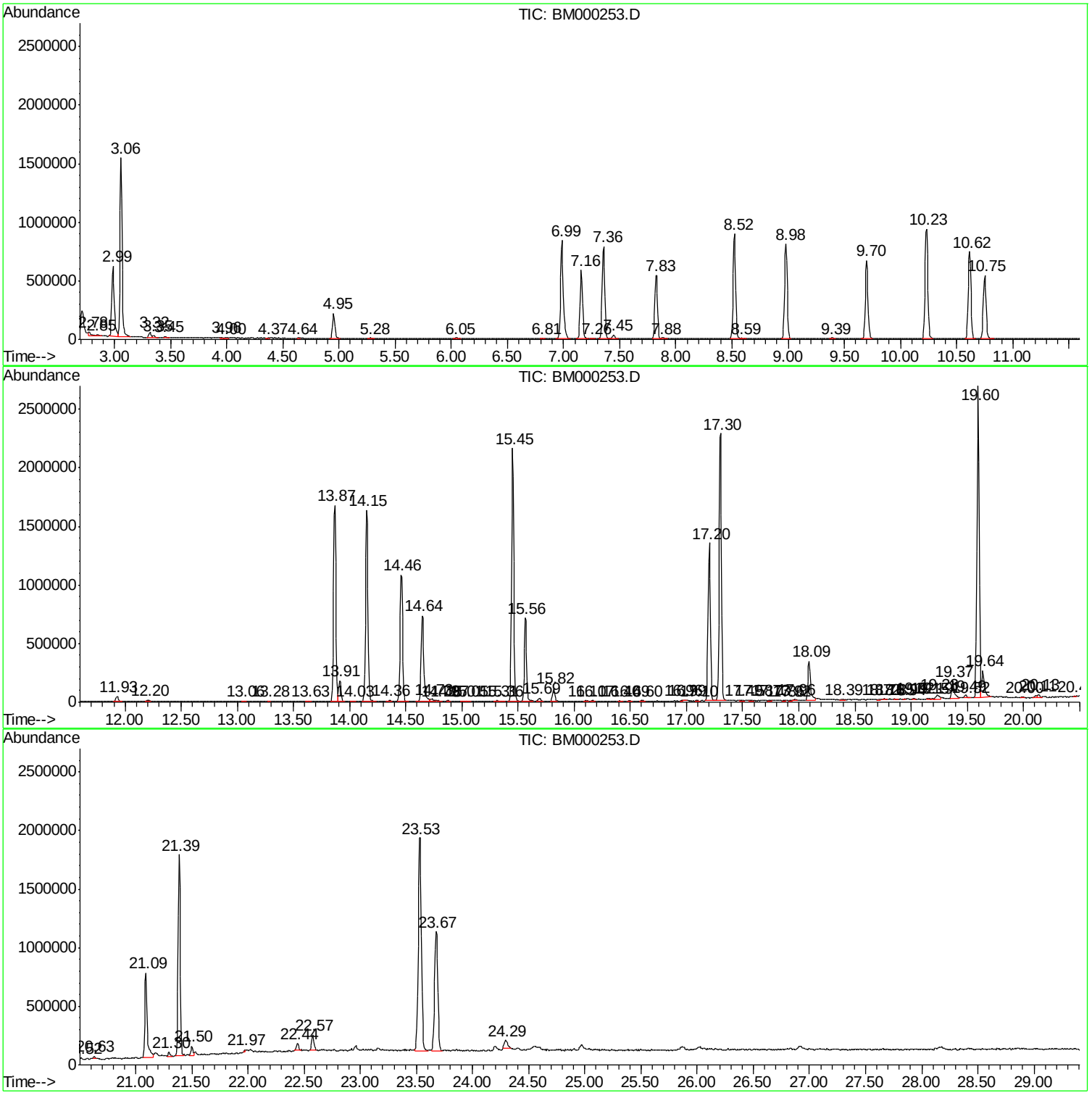
C0AD9

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

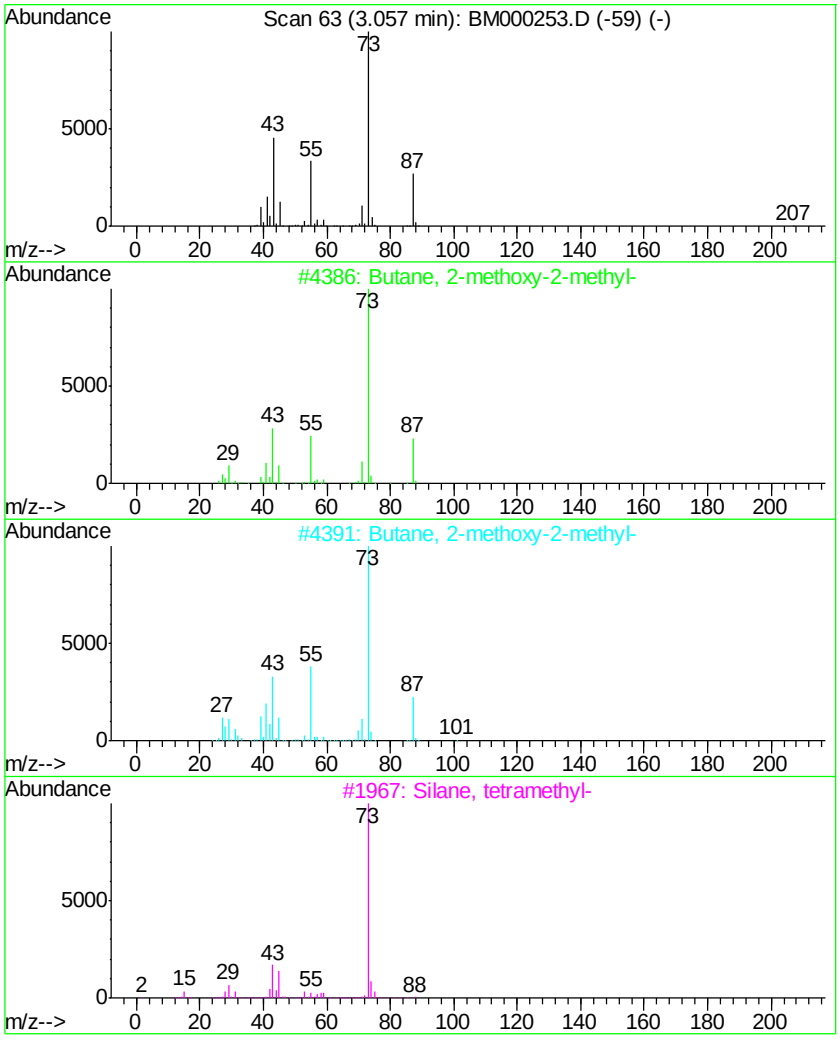
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

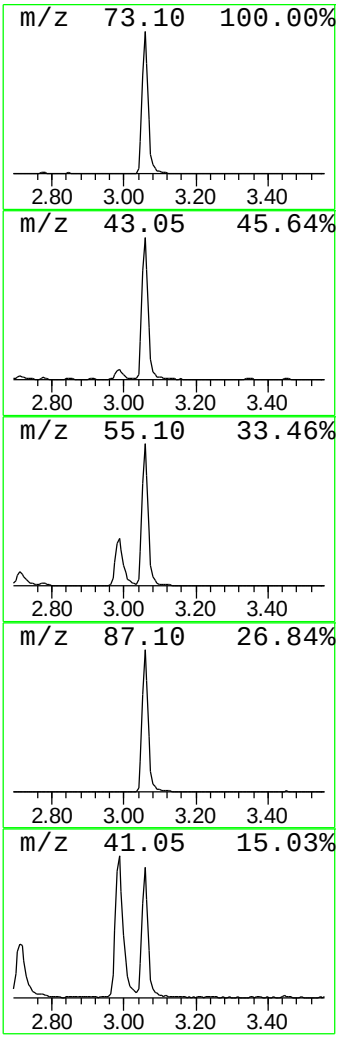
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	42.06 ng/ul	1851800	1,4-Dichlorobenzene-d4	7.83

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000253.D
Acq On : 17 Jan 2015 03:28
Operator : TP/IZ
Sample : G1065-19
Misc :
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Instrument :
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

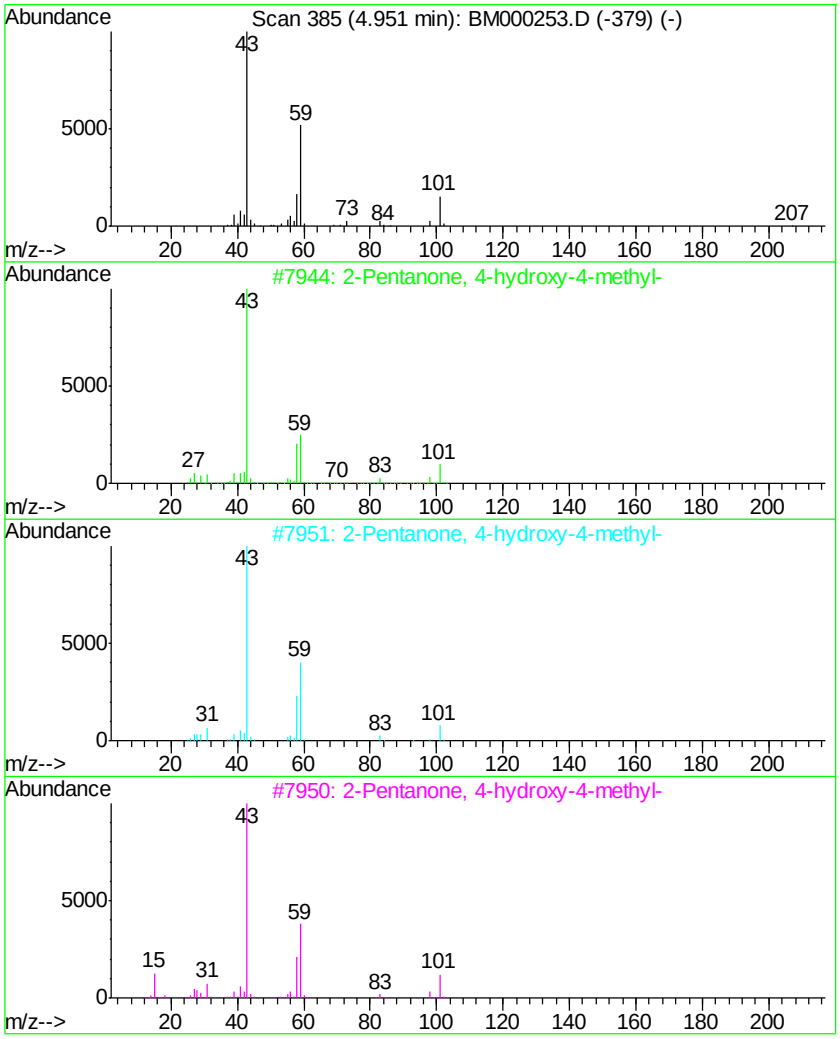
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

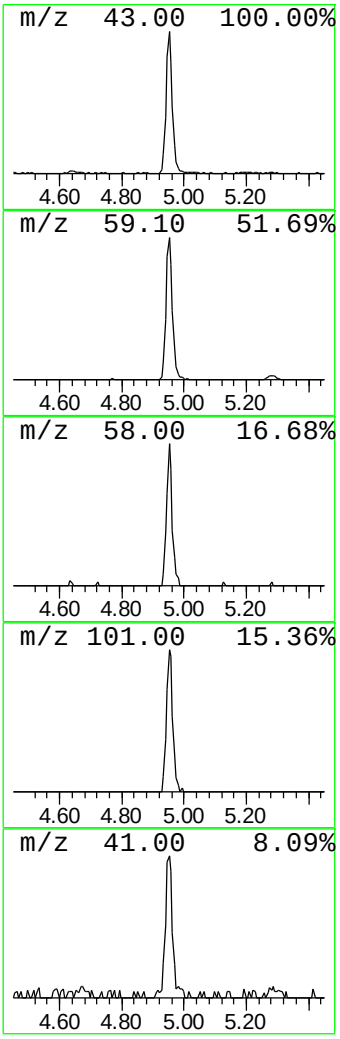
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	6.99 ng/ul	307755	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23





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Sample : G1065-19
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

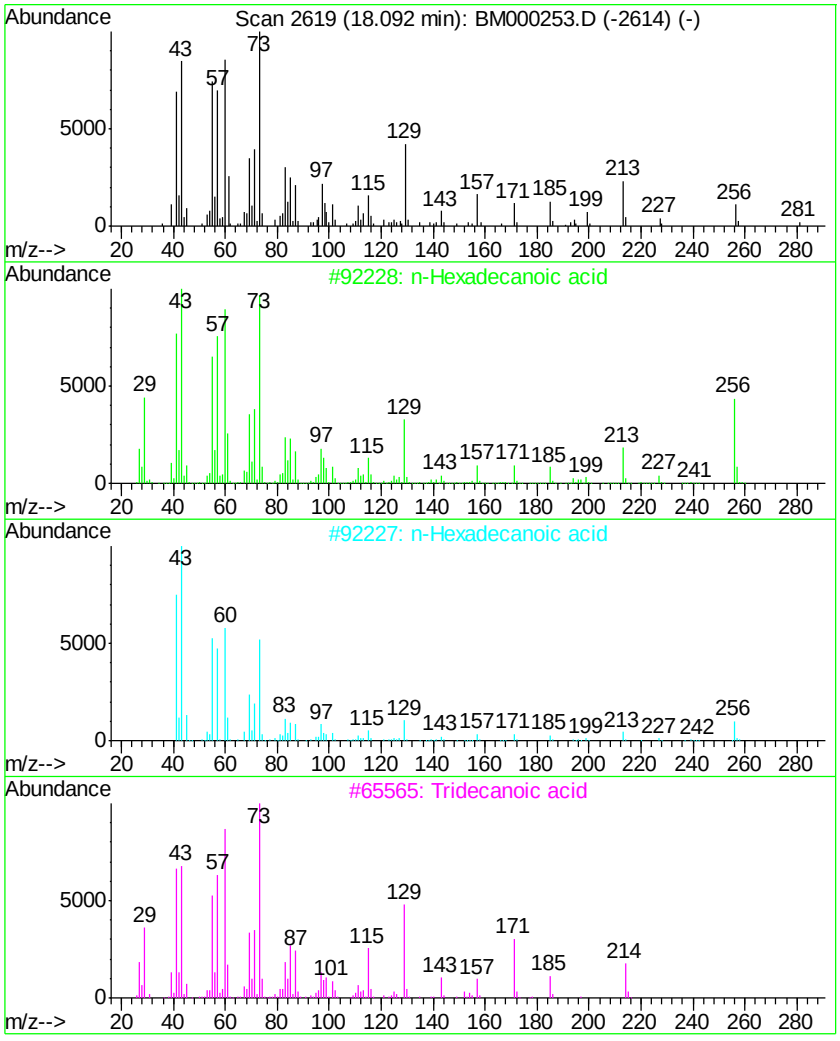
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

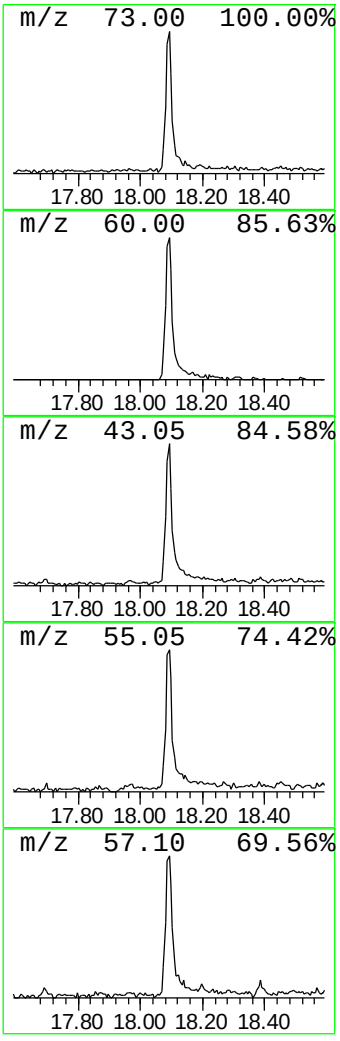
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	5.33 ng/ul	512023	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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000253.D
Acq On : 17 Jan 2015 03:28
Operator : TP/IZ
Sample : G1065-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AD9

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

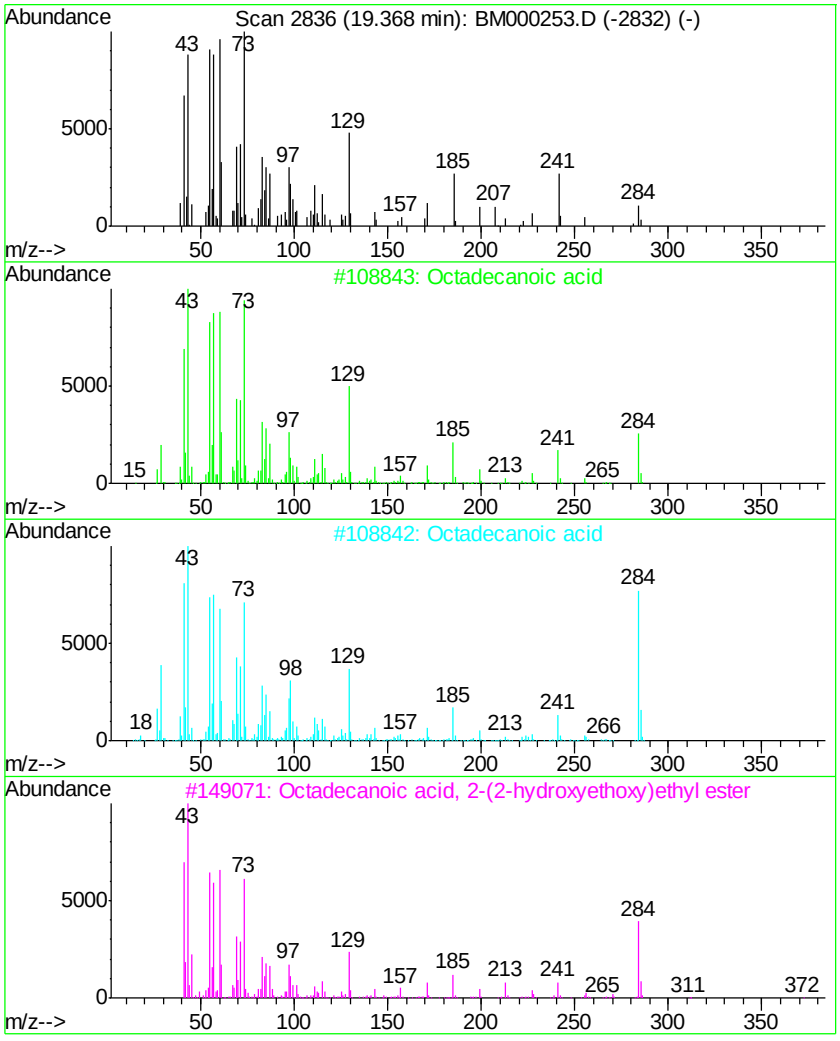
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

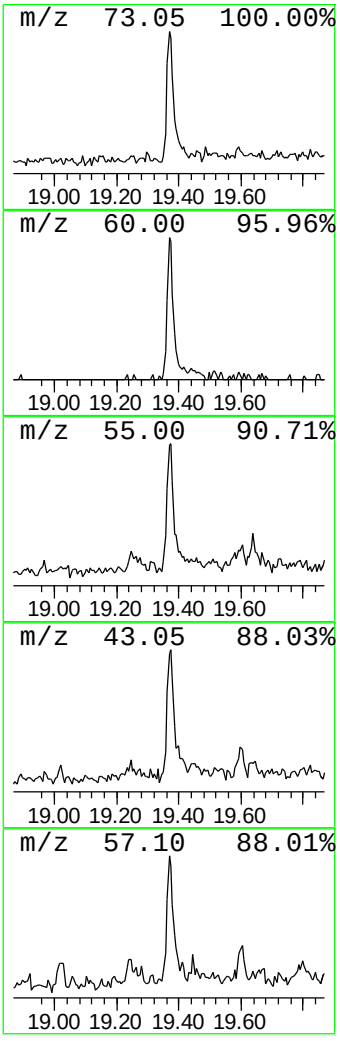
****

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.25 ng/ul	238885	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
4	Octadecanoic acid	284	C18H36O2	000057-11-4	72
5	Octadecanoic acid	284	C18H36O2	000057-11-4	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000253.D
Acq On : 17 Jan 2015 03:28
Operator : TP/IZ
Sample : G1065-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AD9

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

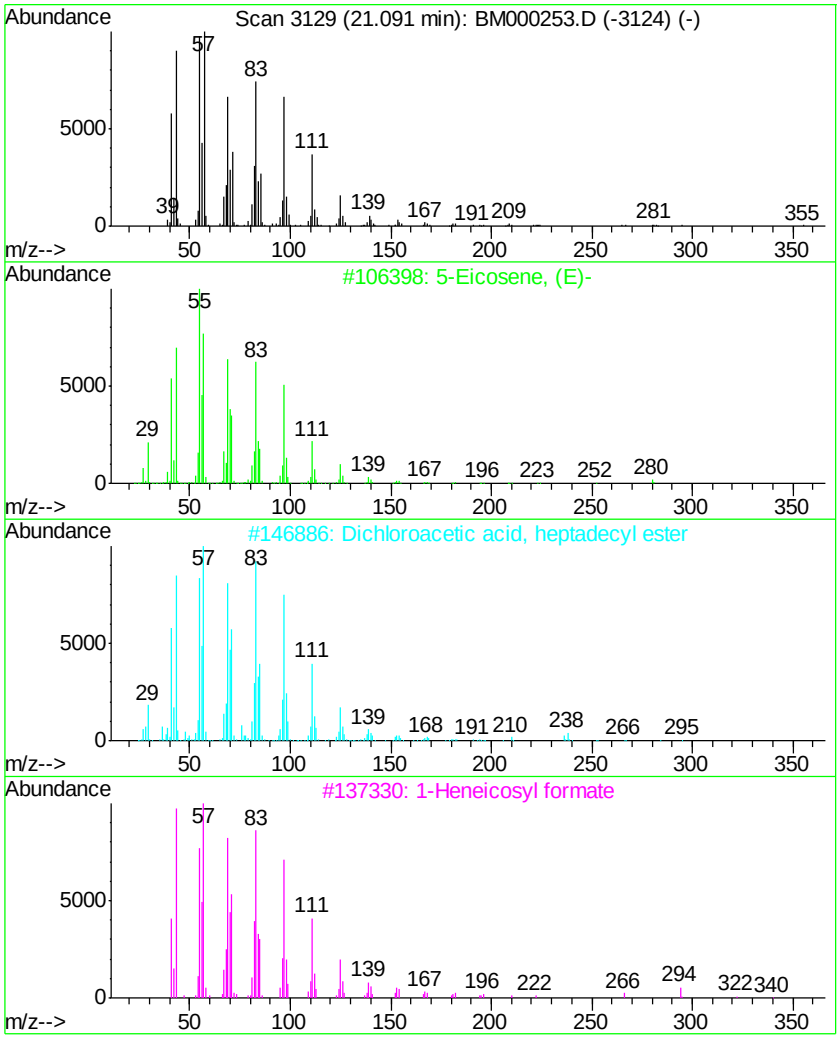
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

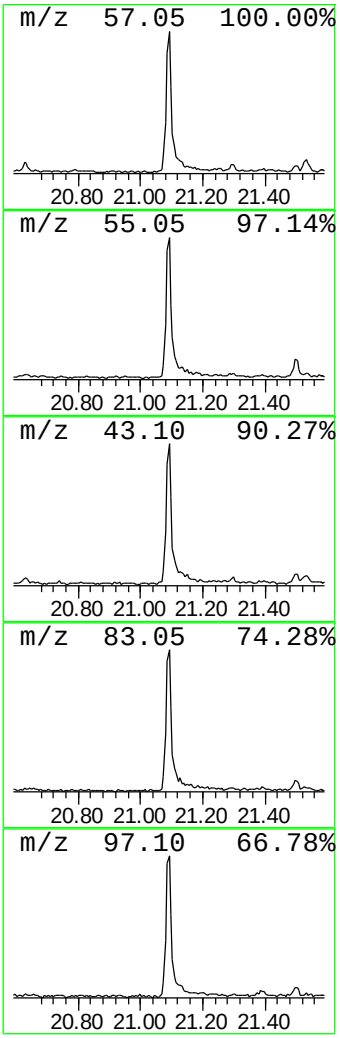
****

Peak Number 6 (DEL) Alkane: Cyclic Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	9.64 ng/ul	1025310	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011615\
Data File : BM000253.D
Acq On : 17 Jan 2015 03:28
Operator : TP/IZ
Sample : G1065-19
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ClientSampleId :
C0AD9

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	42.1	ng/ul	1851800	1	7.83	880655	20.0
2-Pentanone, 4-hy...	4.95	7.0	ng/ul	307755	1	7.83	880655	20.0
n-Hexadecanoic acid	18.09	5.3	ng/ul	512023	4	17.20	1921590	20.0
Octadecanoic acid	19.37	2.3	ng/ul	238885	5	21.39	2126560	20.0
(DEL) Alkane: Cyclic	21.09	9.6	ng/ul	1025310	5	21.39	2126560	20.0