LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000247.D
Acq On : 16 Jan 2015 23:55
Operator : TP/IZ
Sample : G1065-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AD7

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	12	15	24	rVB2	26474	34372	1.16%	0.081%
2	2.987	46	51	59	rBV	390619	633718	21.46%	1.502%
3	3.057	59	63	80	rVB	1438402	1737659	58.85%	4.119%
4	3.316	102	107	114	rBV2	42343	57530	1.95%	0.136%
5	3.451	127	130	139	rVV7	7009	13225	0.45%	0.031%
6	3.728	176	177	182	rVB5	3545	4634	0.16%	0.011%
7	3.946	210	214	215	rBV3	4165	5078	0.17%	0.012%
8	4.410	291	293	298	rVB4	3109	5215	0.18%	0.012%
9	4.757	347	352	355	rVV4	2684	4781	0.16%	0.011%
10	4.798	358	359	365	rVB4	2895	3468	0.12%	0.008%
11	4.951	376	385	393	rBV	215472	309623	10.49%	0.734%
12	5.681	505	509	511	rBV4	3577	4313	0.15%	0.010%
13	6.051	568	572	578	rVB5	6444	10482	0.36%	0.025%
14	6.687	677	680	685	rVB4	2083	3227	0.11%	0.008%
15	6.987	723	731	742	rBV	790261	1355660	45.92%	3.214%
16	7.157	754	760	772	rBV	561393	867676	29.39%	2.057%
17	7.357	787	794	802	rBV	758895	1210835	41.01%	2.870%
18	7.445	804	809	814	rVB2	35100	53744	1.82%	0.127%
19	7.504	814	819	823	rBV3	2965	5539	0.19%	0.013%
20	7.828	867	874	880	rBV	658204	1085106	36.75%	2.572%
21	7.886	880	884	890	rVB3	10777	16991	0.58%	0.040%
22	8.057	908	913	915	rBV2	2057	3339	0.11%	0.008%
23	8.522	985	992	1002	rVV	892863	1434805	48.60%	3.401%
24	8.592	1002	1004	1008	rVB3	2532	3465	0.12%	0.008%
25	8.980	1062	1070	1078	rBV	767347	1245632	42.19%	2.953%
26	9.186	1101	1105	1110	rVB2	2459	4374	0.15%	0.010%
27	9.398	1137	1141	1146	rVB3	9159	12549	0.43%	0.030%
28	9.569	1167	1170	1175	rBV2	2090	3365	0.11%	0.008%
29	9.698	1185	1192	1204	rBV	639091	1057100	35.80%	2.506%
30	10.233	1275	1283	1296	rBV	881200	1490164	50.47%	3.533%
31	10.316	1296	1297	1301	rVV2	3325	3284	0.11%	0.008%
32	10.616	1341	1348	1356	rVB	881690	1492992	50.57%	3.539%
33	10.751	1364	1371	1381	rBV	611125	1063926	36.03%	2.522%
34	11.092	1425	1429	1431	rBV2	2889	3205	0.11%	0.008%

LSC Area Percent Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AD7

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	11.686	1526	1530	1535	rBV2	2245	4459	0.15%	0.011%
36	11.927	1566	1571	1577	rBV3	35116	57402	1.94%	0.136%
37	12.204	1611	1618	1624	rVB4	11795	20748	0.70%	0.049%
38	12.774	1711	1715	1718	rBV2	2490	3939	0.13%	0.009%
39	12.804	1718	1720	1725	rVB3	3314	4292	0.15%	0.010%
40	13.063	1760	1764	1770	rBV5	2656	4100	0.14%	0.010%
41	13.280	1798	1801	1805	rBV4	4718	5681	0.19%	0.013%
42	13.639	1858	1862	1866	rBV3	4414	5493	0.19%	0.013%
43	13.774	1880	1885	1888	rVB2	2219	3629	0.12%	0.009%
44	13.868	1894	1901	1905	rBV	1479507	2062641	69.86%	4.890%
45	13.910	1905	1908	1915	rVB	164325	229239	7.76%	0.543%
46	14.074	1933	1936	1940	rBV3	2726	3845	0.13%	0.009%
47	14.151	1942	1949	1958	rVV	1478399	2209261	74.83%	5.237%
48	14.215	1958	1960	1963	rVV2	4521	4617	0.16%	0.011%
49	14.251	1965	1966	1971	rVB	2837	3346	0.11%	0.008%
50	14.357	1980	1984	1990	rVB5	10729	18166	0.62%	0.043%
51	14.410	1990	1993	1995	rBV2	2794	3878	0.13%	0.009%
52	14.463	1995	2002	2009	rBV	1210569	1830999	62.01%	4.341%
53	14.645	2027	2033	2044	rBV	552481	891102	30.18%	2.112%
54	14.727	2044	2047	2053	rVB6	13130	24657	0.84%	0.058%
55	15.280	2137	2141	2143	rVV2	6278	6872	0.23%	0.016%
56	15.310	2143	2146	2150	rVB3	5804	7709	0.26%	0.018%
57	15.451	2164	2170	2183	rVB	1878926	2718374	92.07%	6.444%
58	15.562	2183	2189	2200	rBV	549057	795844	26.95%	1.887%
59	15.692	2205	2211	2216	rVB5	18573	28710	0.97%	0.068%
60	15.815	2227	2232	2240	rVB2	81474	113085	3.83%	0.268%
61	16.286	2310	2312	2314	rBV2	3006	3480	0.12%	0.008%
62	16.851	2405	2408	2410	rBV2	2855	3304	0.11%	0.008%
63	16.956	2422	2426	2427	rBV2	3329	3489	0.12%	0.008%
64	16.992	2429	2432	2437	rVB3	6770	8824	0.30%	0.021%
65	17.098	2448	2450	2453	rVV3	2918	3580	0.12%	0.008%
66	17.203	2460	2468	2475	rVV	1446068	2048877	69.39%	4.857%
67	17.303	2478	2485	2496	rVB2	1930745	2853512	96.65%	6.765%
68	17.580	2529	2532	2534	rVV3	4746	4120	0.14%	0.010%
69	17.692	2547	2551	2554	rVB4	3916	5759	0.20%	0.014%
70	17.862	2578	2580	2583	rVB4	3159	3477	0.12%	0.008%
71	17.980	2598	2600	2605	rVV5	2828	3648	0.12%	0.009%

LSC Area Percent Report

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Data File : BM000247.D
Acq On : 16 Jan 2015 23:55
Operator : TP/IZ
Sample : G1065-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AD7

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	18.086	2614	2618	2626	rBV2	148965	224601	7.61%	0.532%
73	18.386	2666	2669	2672	rVV4	4248	5931	0.20%	0.014%
74	18.433	2675	2677	2681	rVV5	5255	4840	0.16%	0.011%
75	18.568	2699	2700	2703	rBV2	4443	4883	0.17%	0.012%
76	18.756	2729	2732	2734	rBV4	5966	7157	0.24%	0.017%
77	18.898	2754	2756	2757	rBV2	5151	3446	0.12%	0.008%
78	18.968	2765	2768	2769	rBV2	5075	5640	0.19%	0.013%
79	19.021	2775	2777	2781	rVB5	5912	7445	0.25%	0.018%
80	19.133	2795	2796	2798	rBV	5197	4211	0.14%	0.010%
81	19.227	2809	2812	2818	rBV2	21498	31780	1.08%	0.075%
82	19.274	2818	2820	2825	rVB6	8017	7563	0.26%	0.018%
83	19.315	2825	2827	2828	rBV2	4406	3198	0.11%	0.008%
84	19.368	2833	2836	2841	rBV5	64550	94923	3.21%	0.225%
85	19.427	2844	2846	2849	rVV4	4797	4379	0.15%	0.010%
86	19.486	2853	2856	2859	rVV2	16805	18814	0.64%	0.045%
87	19.597	2869	2875	2880	rBV	2128657	2952528	100.00%	6.999%
88	19.639	2880	2882	2889	rVB	70650	88319	2.99%	0.209%
89	20.103	2958	2961	2964	rBV5	8251	13179	0.45%	0.031%
90	20.192	2970	2976	2978	rBV6	10671	16316	0.55%	0.039%
91	20.627	3048	3050	3054	rVB5	11285	17111	0.58%	0.041%
92	20.662	3054	3056	3059	rVB4	9260	10784	0.37%	0.026%
93	20.739	3067	3069	3073	rVB5	12095	12630	0.43%	0.030%
94	21.091	3124	3129	3139	rBV2	164730	273839	9.27%	0.649%
95	21.386	3174	3179	3186	rBV	1693559	2166153	73.37%	5.135%
96	21.497	3195	3198	3202	rBV4	41570	53964	1.83%	0.128%
97	21.974	3275	3279	3282	rBV5	21078	29942	1.01%	0.071%
98	22.021	3284	3287	3291	rVB5	22745	31856	1.08%	0.076%
99	23.532	3536	3544	3553	rVB2	1454174	2849281	96.50%	6.755%
100	23.680	3561	3569	3576	rBV	1001580	1993179	67.51%	4.725%

Sum of corrected areas: 42183126

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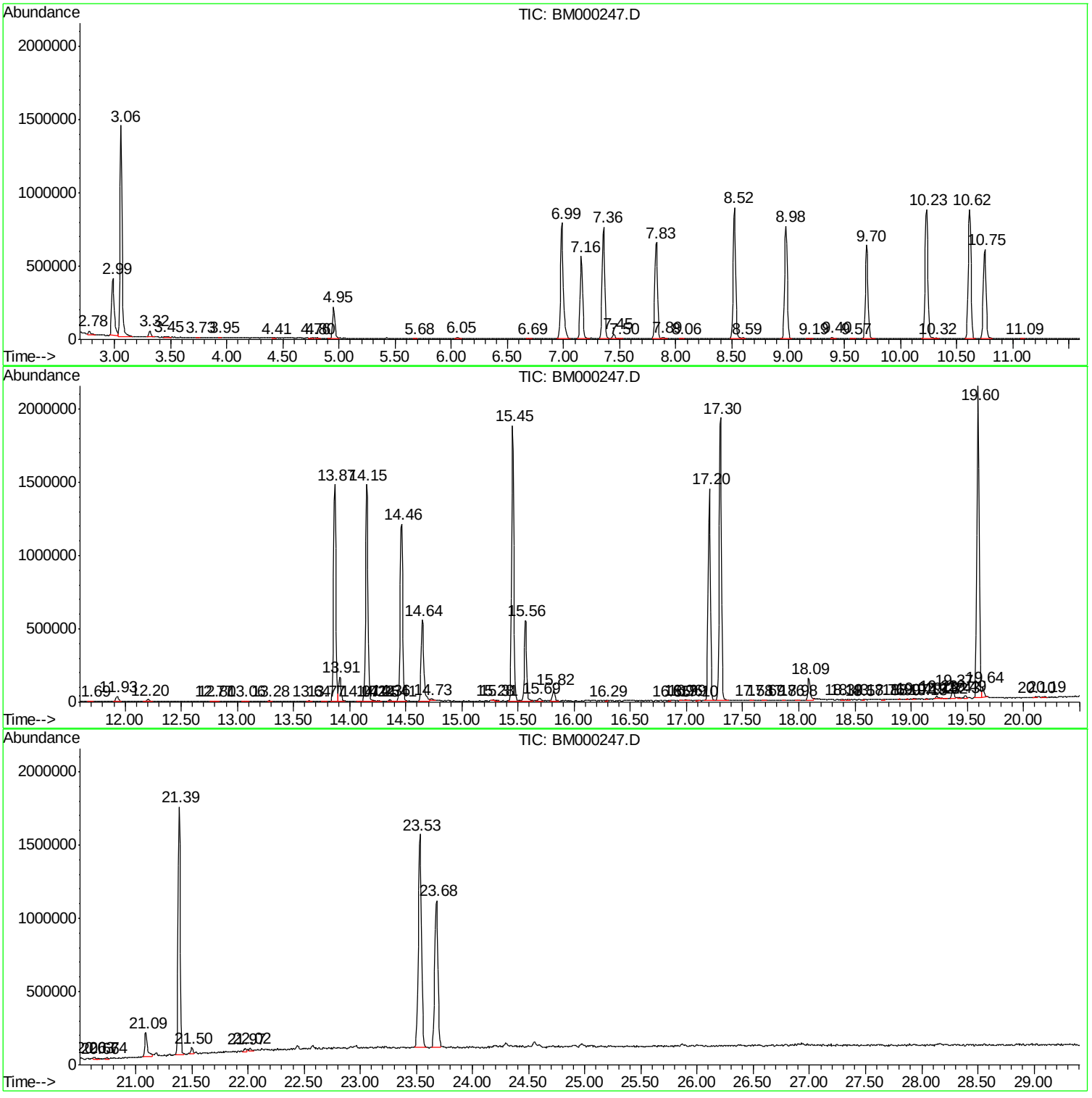
Instrument :
ClientSampleId :
C0AD7

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000247.D
Acq On : 16 Jan 2015 23:55
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Sample : G1065-13
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Quant Title : SVOA CALIBRATION

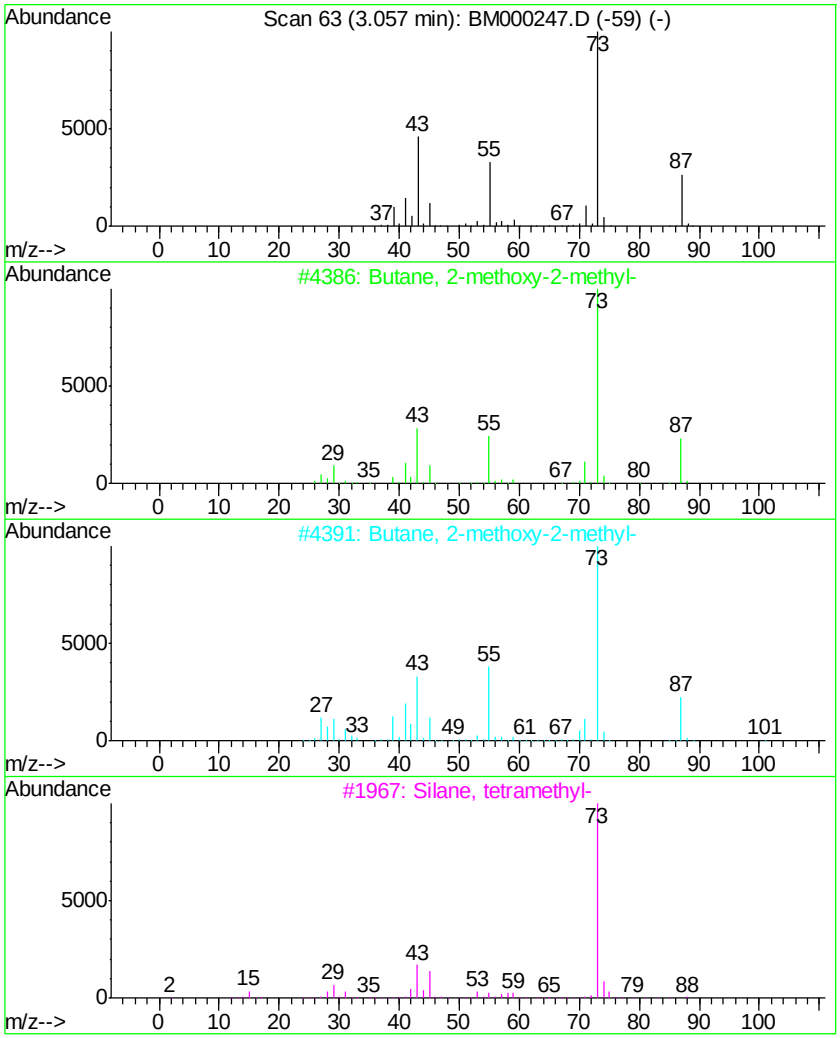
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

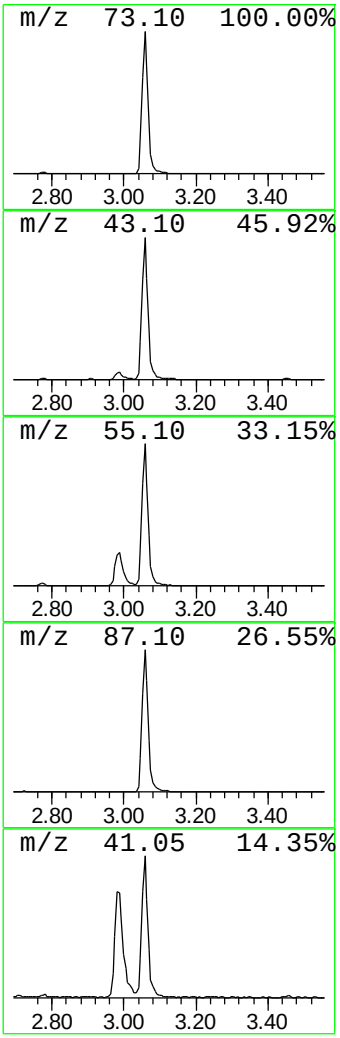
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	32.03 ng/ul	1737660	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	64
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
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Acq On : 16 Jan 2015 23:55
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Sample : G1065-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

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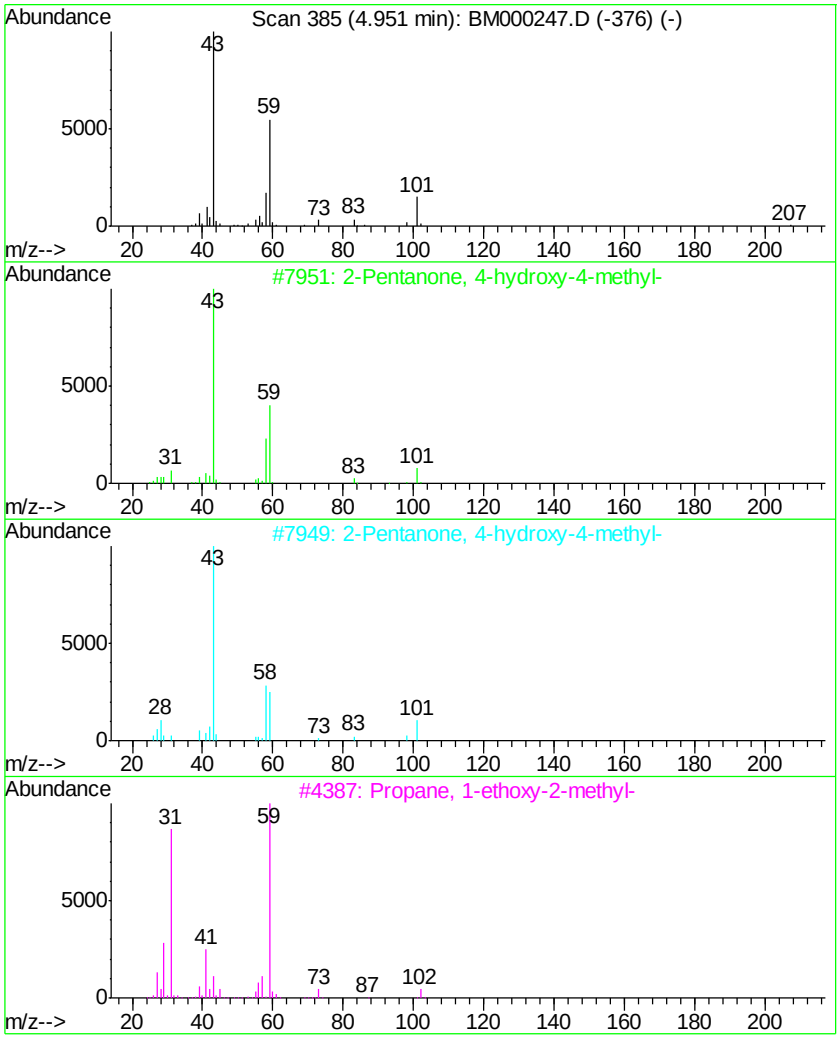
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

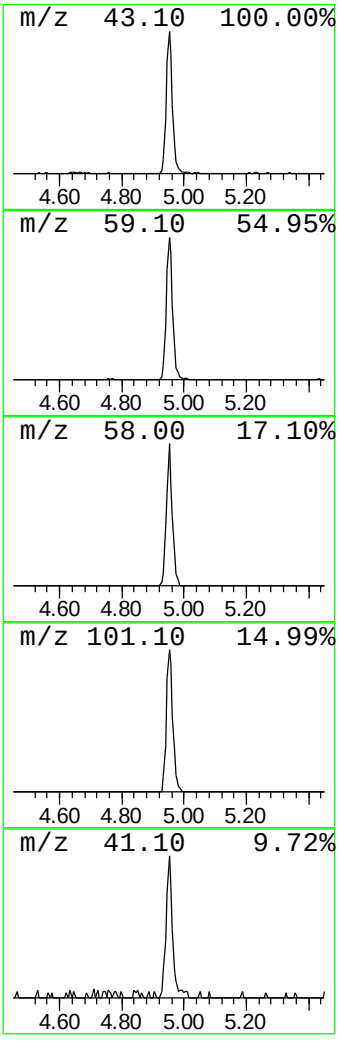
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	5.71 ng/ul	309623	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	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	37
4	4,5-Dimethyl-3-heptanol	144	C9H20O	019549-76-9	28
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

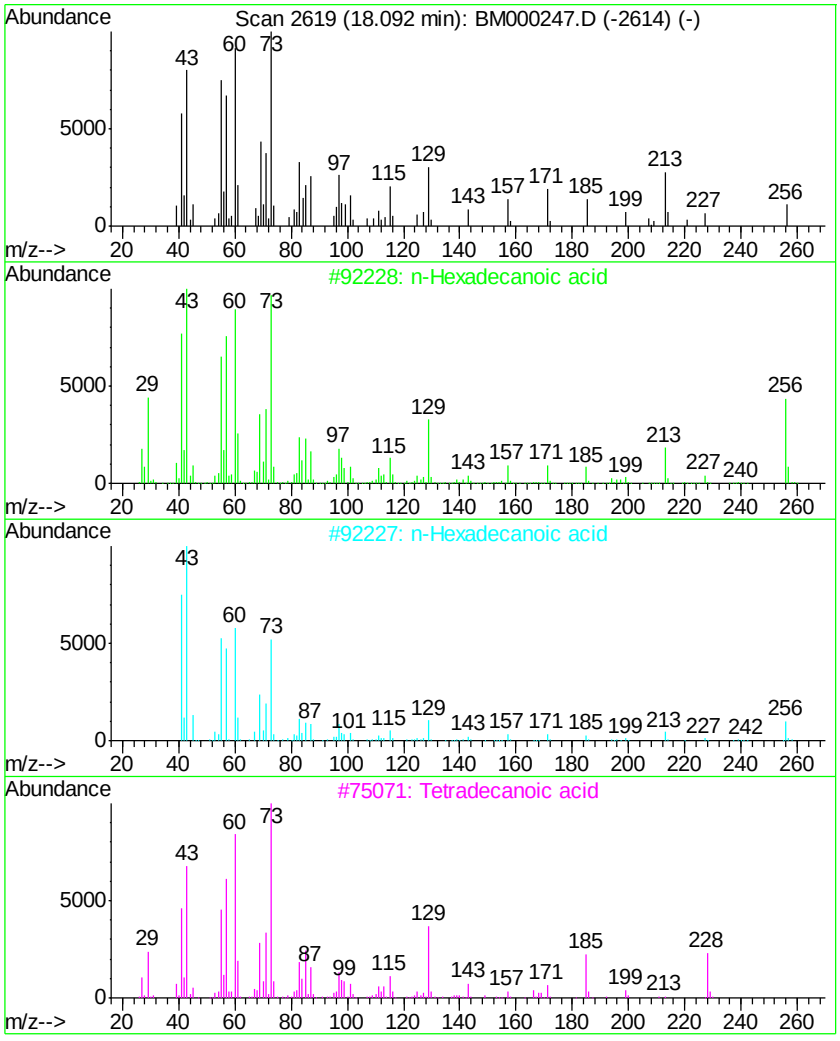
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

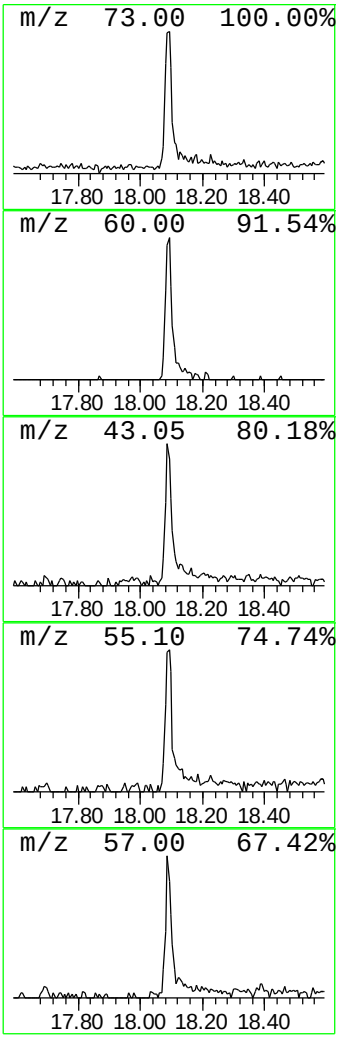
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.19 ng/ul	224601	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Acq On : 16 Jan 2015 23:55
Operator : TP/IZ
Sample : G1065-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AD7

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

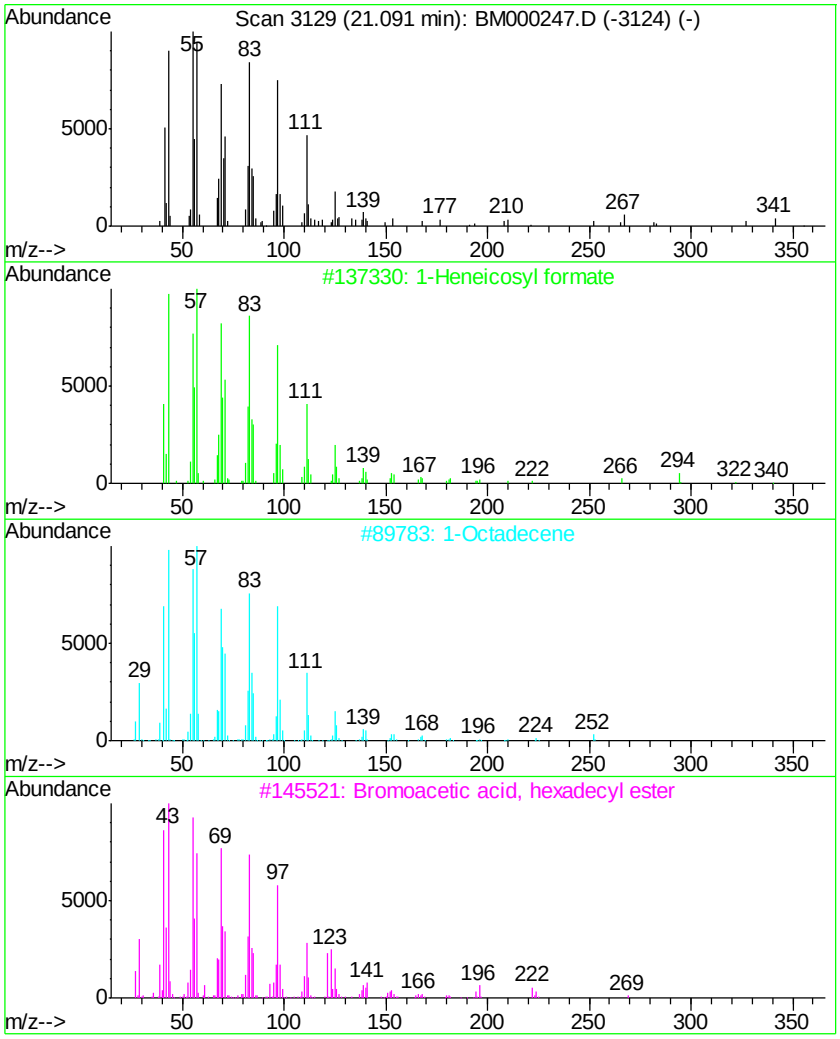
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

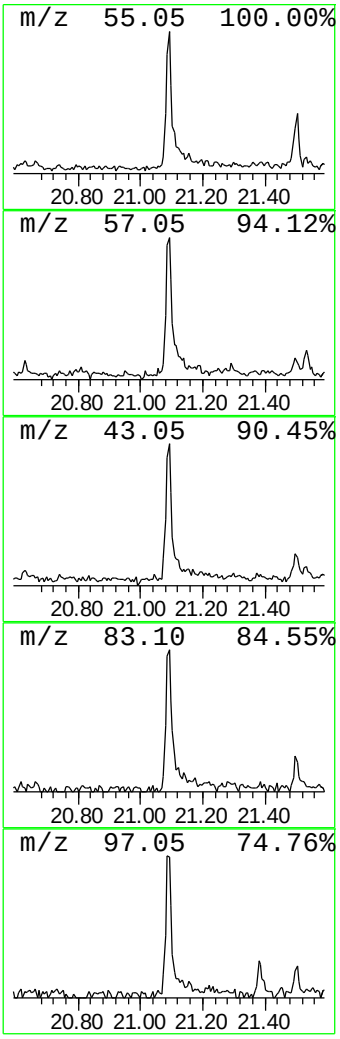
****

Peak Number 5 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.53 ng/ul	273839	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	1-Octadecene	252	C18H36	000112-88-9	93
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	93
4	1-Docosene	308	C22H44	001599-67-3	93
5	1-Nonadecene	266	C19H38	018435-45-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011615\
Data File : BM000247.D
Acq On : 16 Jan 2015 23:55
Operator : TP/IZ
Sample : G1065-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AD7

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	32.0	ng/ul	1737660	1	7.83	1085110	20.0
2-Pentanone, 4-hy...	4.95	5.7	ng/ul	309623	1	7.83	1085110	20.0
n-Hexadecanoic acid	18.09	2.2	ng/ul	224601	4	17.20	2048880	20.0
1-Heneicosyl formate	21.09	2.5	ng/ul	273839	5	21.39	2166150	20.0