LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011515\
Data File : BM000209.D
Acq On : 15 Jan 2015 21:05
Operator : TP/IZ
Sample : G1063-09RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AN8RX

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	2.840	21	26	46	rVV	9541617	12898702	17.87%	7.374%
2	2.987	46	51	59	rVV	720390	1122191	1.55%	0.642%
3	3.057	59	63	78	rVB	2629858	3382705	4.69%	1.934%
4	3.293	97	103	111	rBV	37983100	50969936	70.61%	29.137%
5	4.151	244	249	255	rVB3	57605	83597	0.12%	0.048%
6	4.581	314	322	340	rVB	46665404	72181997	100.00%	41.263%
7	4.957	379	386	395	rVB	105862	158531	0.22%	0.091%
8	5.287	437	442	450	rVB	150852	207169	0.29%	0.118%
9	6.986	725	731	741	rBV	146703	252997	0.35%	0.145%
10	7.163	754	761	772	rBV	430256	682436	0.95%	0.390%
11	7.357	786	794	804	rBV	508000	817219	1.13%	0.467%
12	7.828	867	874	881	rBV	588005	937896	1.30%	0.536%
13	8.522	983	992	1000	rBV	398418	641762	0.89%	0.367%
14	8.980	1063	1070	1080	rBV	611872	1007004	1.40%	0.576%
15	9.704	1186	1193	1205	rBV	497992	814658	1.13%	0.466%
16	10.233	1276	1283	1293	rBV	681872	1168943	1.62%	0.668%
17	10.622	1341	1349	1356	rBV	751942	1282059	1.78%	0.733%
18	13.868	1895	1901	1907	rBV	1393651	1940371	2.69%	1.109%
19	14.157	1943	1950	1967	rBV	1419321	2118327	2.93%	1.211%
20	14.462	1995	2002	2011	rBV	1161573	1695168	2.35%	0.969%
21	14.651	2026	2034	2045	rBV3	83947	155654	0.22%	0.089%
22	15.457	2164	2171	2178	rBV	1875352	2658797	3.68%	1.520%
23	15.568	2184	2190	2198	rBV	533927	741094	1.03%	0.424%
24	17.203	2462	2468	2478	rBV2	1442147	2068014	2.86%	1.182%
25	17.303	2478	2485	2492	rBV2	1986122	2898408	4.02%	1.657%
26	18.092	2614	2619	2629	rBV2	121392	190290	0.26%	0.109%
27	19.374	2833	2837	2846	rBV4	50839	73531	0.10%	0.042%
28	19.603	2870	2876	2882	rBV	2265681	3217360	4.46%	1.839%
29	21.097	3125	3130	3136	rBV2	105784	174011	0.24%	0.099%
30	21.391	3175	3180	3189	rBV	1914594	2443422	3.39%	1.397%
31	22.585	3379	3383	3389	rVB	368549	478625	0.66%	0.274%
32	23.538	3537	3545	3554	rBV2	1681726	3238429	4.49%	1.851%
33	23.685	3563	3570	3579	rVB	1177781	2230436	3.09%	1.275%

LSC Area Percent Report

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Data File : BM000209.D
Acq On : 15 Jan 2015 21:05
Operator : TP/IZ
Sample : G1063-09RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AN8RX

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

Sum of corrected areas: 174931739

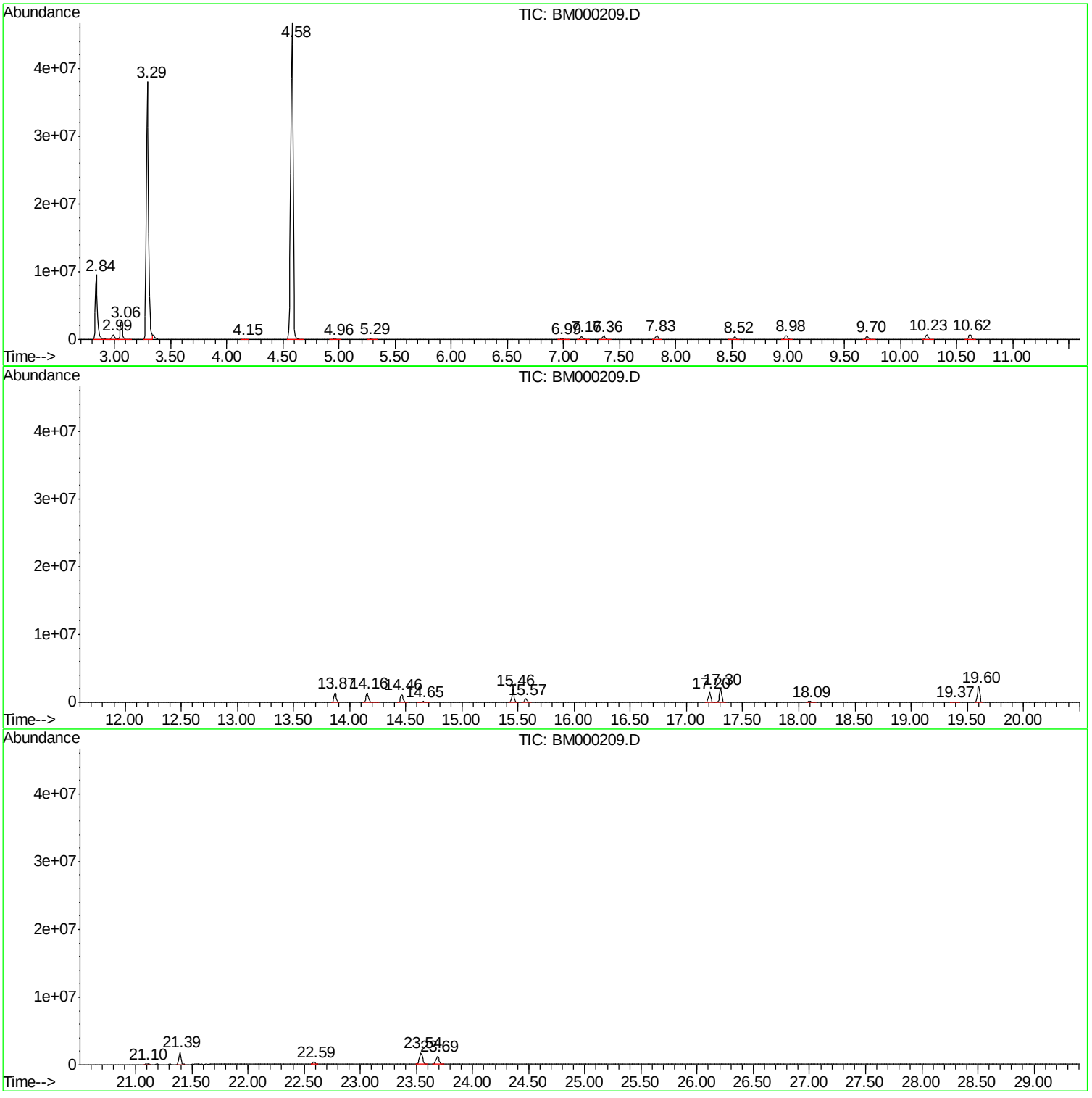
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011515\
Data File : BM000209.D
Acq On : 15 Jan 2015 21:05
Operator : TP/IZ
Sample : G1063-09RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AN8RX

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\BM011515\
Data File : BM000209.D
Acq On : 15 Jan 2015 21:05
Operator : TP/IZ
Sample : G1063-09RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AN8RX

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

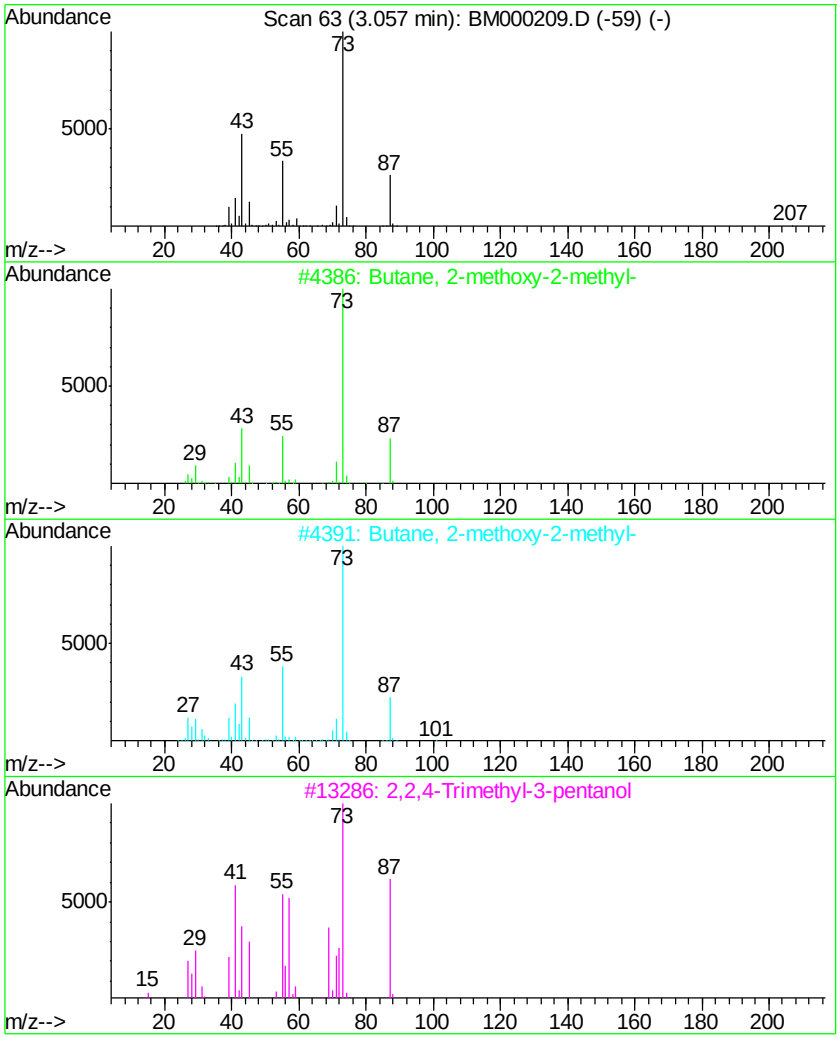
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

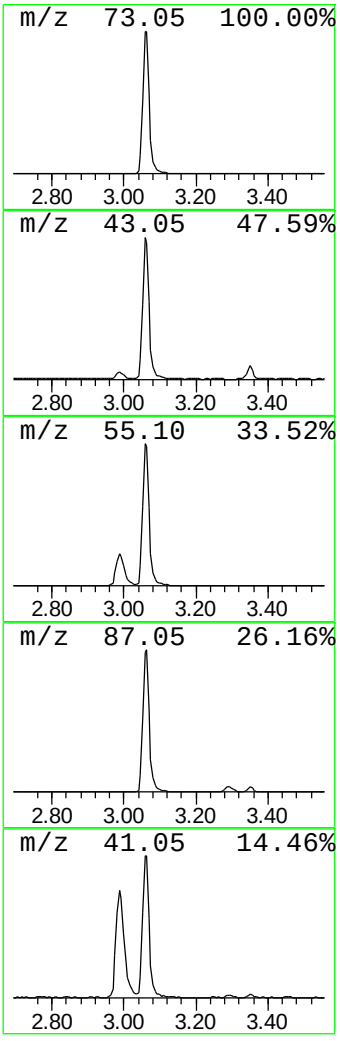
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	72.13 ng/ul	3382710	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011515\
Data File : BM000209.D
Acq On : 15 Jan 2015 21:05
Operator : TP/IZ
Sample : G1063-09RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AN8RX

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

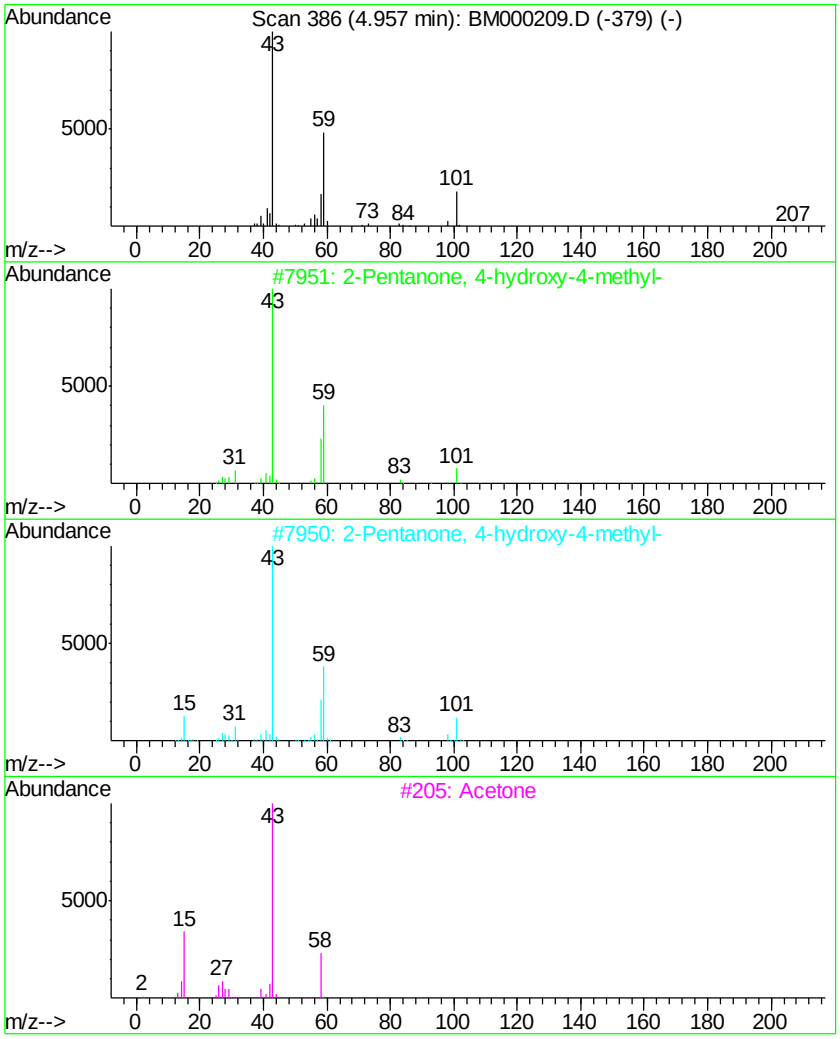
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

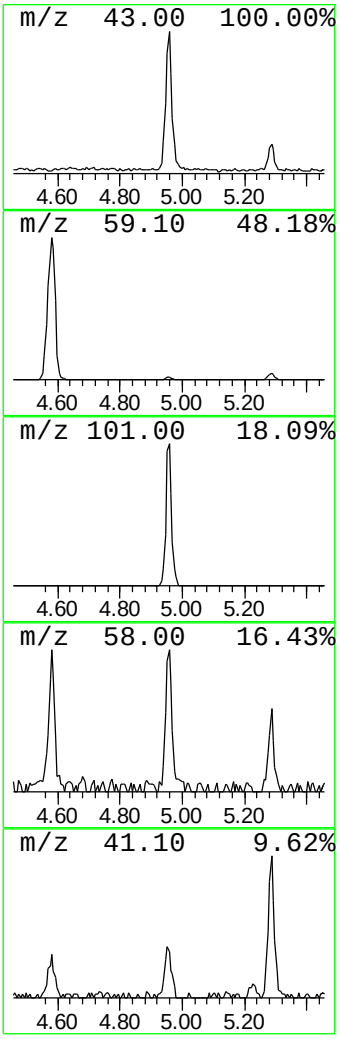
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	3.38 ng/ul	158531	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	50
3	Acetone	58	C3H6O	000067-64-1	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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Data File : BM000209.D
Acq On : 15 Jan 2015 21:05
Operator : TP/IZ
Sample : G1063-09RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AN8RX

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

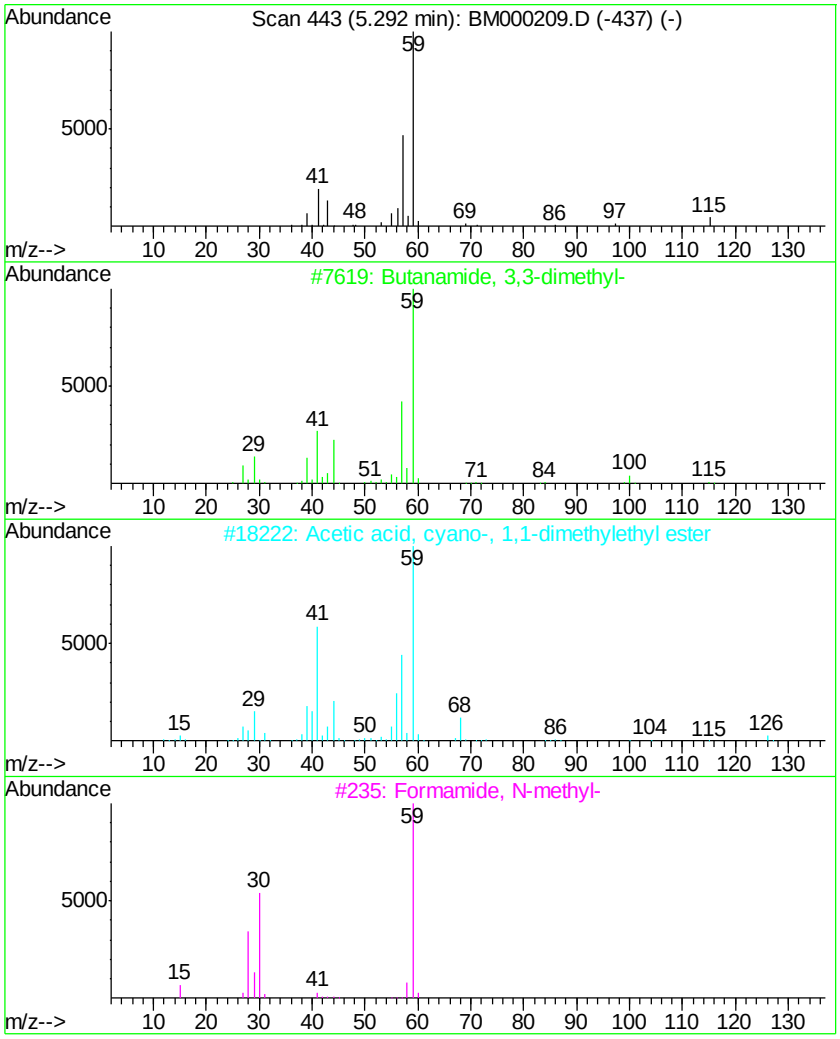
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

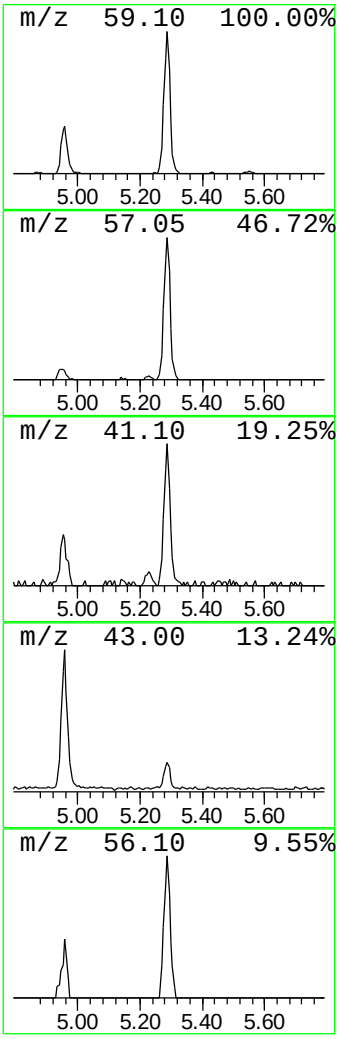
****

Peak Number 6 Butanamide, 3,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	4.42 ng/ul	207169	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	39
3	Formamide, N-methyl-	59	C2H5NO	000123-39-7	9
4	3-Hexanol, 5-methyl-	116	C7H16O	000623-55-2	9
5	3-Heptanol	116	C7H16O	000589-82-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011515\
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Sample : G1063-09RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AN8RX

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

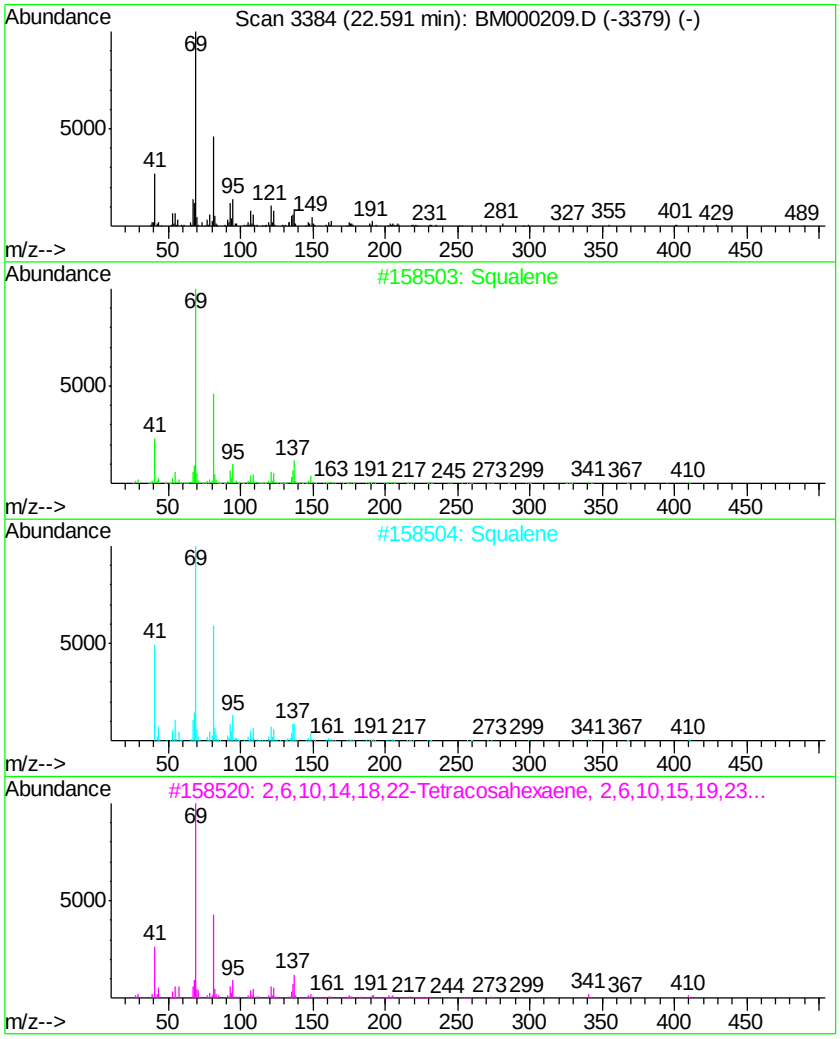
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

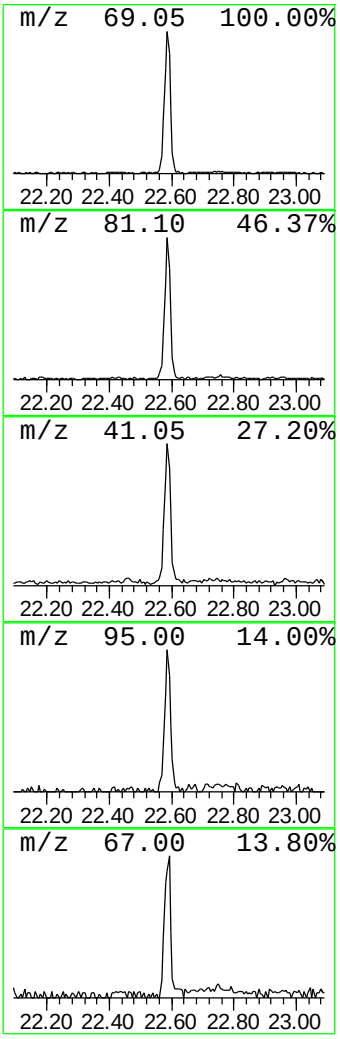
****

Peak Number 7 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	4.29 ng/ul	478625	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	90
2	Squalene	410	C30H50	007683-64-9	87
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	83
4	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	64
5	5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011515\
Data File : BM000209.D
Acq On : 15 Jan 2015 21:05
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Sample : G1063-09RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AN8RX

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	72.1	ng/ul	3382710	1	7.83	937896	20.0
2-Pentanone, 4-hy...	4.96	3.4	ng/ul	158531	1	7.83	937896	20.0
Butanamide, 3,3-d...	5.29	4.4	ng/ul	207169	1	7.83	937896	20.0
Squalene	22.59	4.3	ng/ul	478625	6	23.69	2230440	20.0