LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023376.D
Acq On : 31 Jul 2016 20:19
Operator : UM/SJ
Sample : H4206-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-45A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG072616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.999	21	27	46	rVV	6042674	11317086	75.86%	11.799%
2	3.146	48	52	67	rVB3	122816	268361	1.80%	0.280%
3	5.190	394	400	410	rBV	1145674	1820081	12.20%	1.898%
4	5.666	473	481	492	rBV	3234476	5361758	35.94%	5.590%
5	7.281	748	756	768	rBV	3584429	6449162	43.23%	6.724%
6	7.651	812	819	829	rBV	3355931	5906311	39.59%	6.158%
7	8.121	893	899	909	rVB	536749	919105	6.16%	0.958%
8	8.450	947	955	963	rBV	2307928	4085910	27.39%	4.260%
9	9.302	1092	1100	1108	rBV	2122367	3937046	26.39%	4.105%
10	10.953	1373	1381	1389	rBV	839235	1558608	10.45%	1.625%
11	13.402	1790	1798	1805	rBV	5893369	9398840	63.01%	9.799%
12	14.225	1932	1938	1945	rBV	1688750	2465616	16.53%	2.571%
13	14.783	2027	2033	2043	rVB2	1555358	2600998	17.44%	2.712%
14	15.605	2169	2173	2179	rVB	156321	213505	1.43%	0.223%
15	16.281	2281	2288	2298	rBV	6112777	9689353	64.95%	10.102%
16	16.475	2316	2321	2333	rBV	201500	386517	2.59%	0.403%
17	17.268	2451	2456	2460	rBV	178795	225171	1.51%	0.235%
18	17.544	2495	2503	2512	rBV2	2274597	3703822	24.83%	3.861%
19	18.419	2645	2652	2662	rBV	628950	1038822	6.96%	1.083%
20	19.682	2863	2867	2880	rBV	330835	548890	3.68%	0.572%
21	20.158	2941	2948	2954	rBV	10327564	14917449	100.00%	15.552%
22	21.462	3165	3170	3178	rBV3	181152	404427	2.71%	0.422%
23	21.685	3202	3208	3209	rBV	1194602	1624212	10.89%	1.693%
24	21.855	3231	3237	3246	rVB	2052103	3474653	23.29%	3.622%
25	23.389	3492	3498	3506	rBV6	85663	185534	1.24%	0.193%
26	25.239	3800	3813	3826	rBV2	1144104	3417713	22.91%	3.563%

Sum of corrected areas: 95918950

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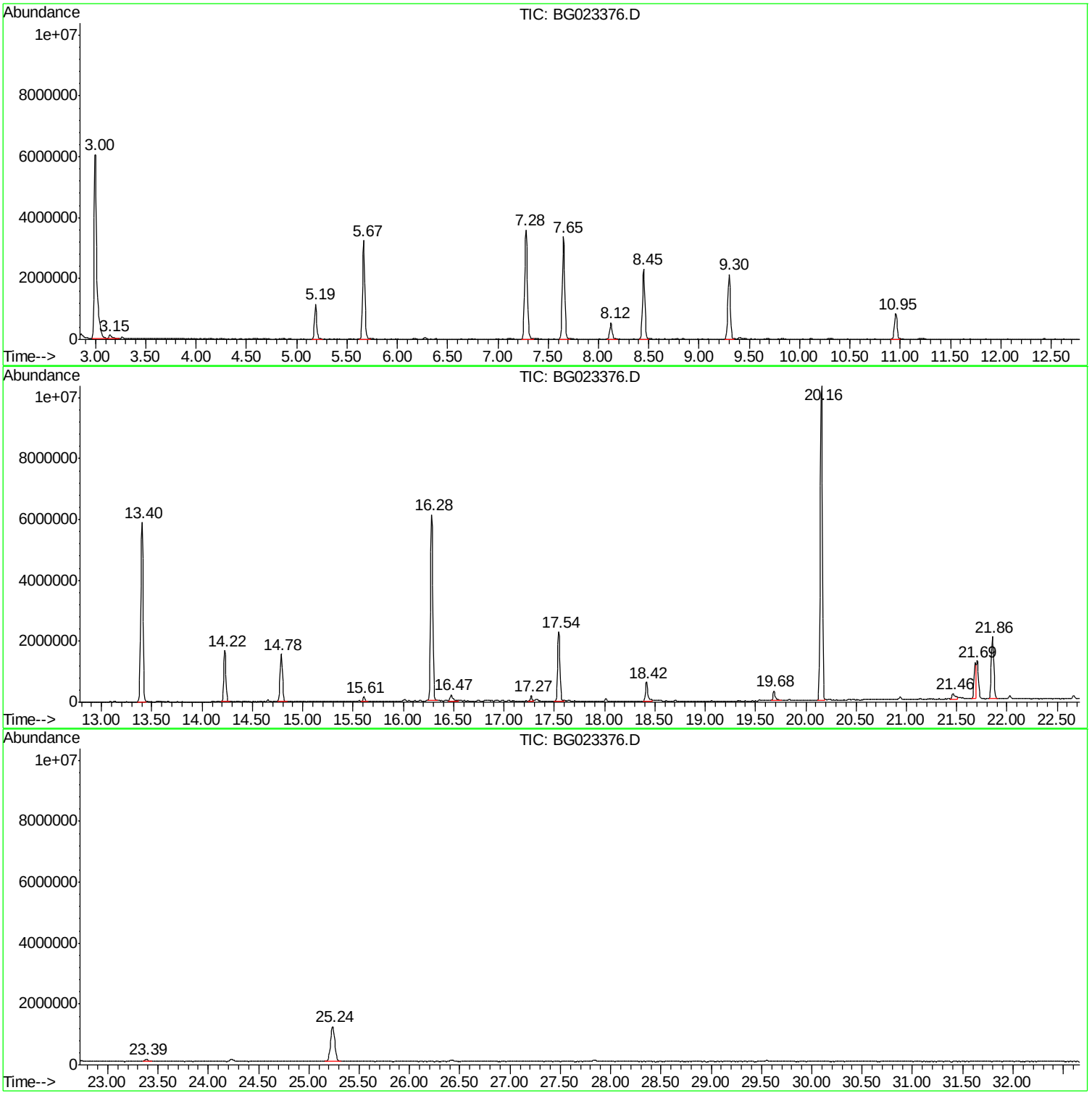
Instrument :
BNA_G
ClientSampleId :
LOCATION-45A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument : BNA_G
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TIC Library : C:\DATABASE\NIST11.L
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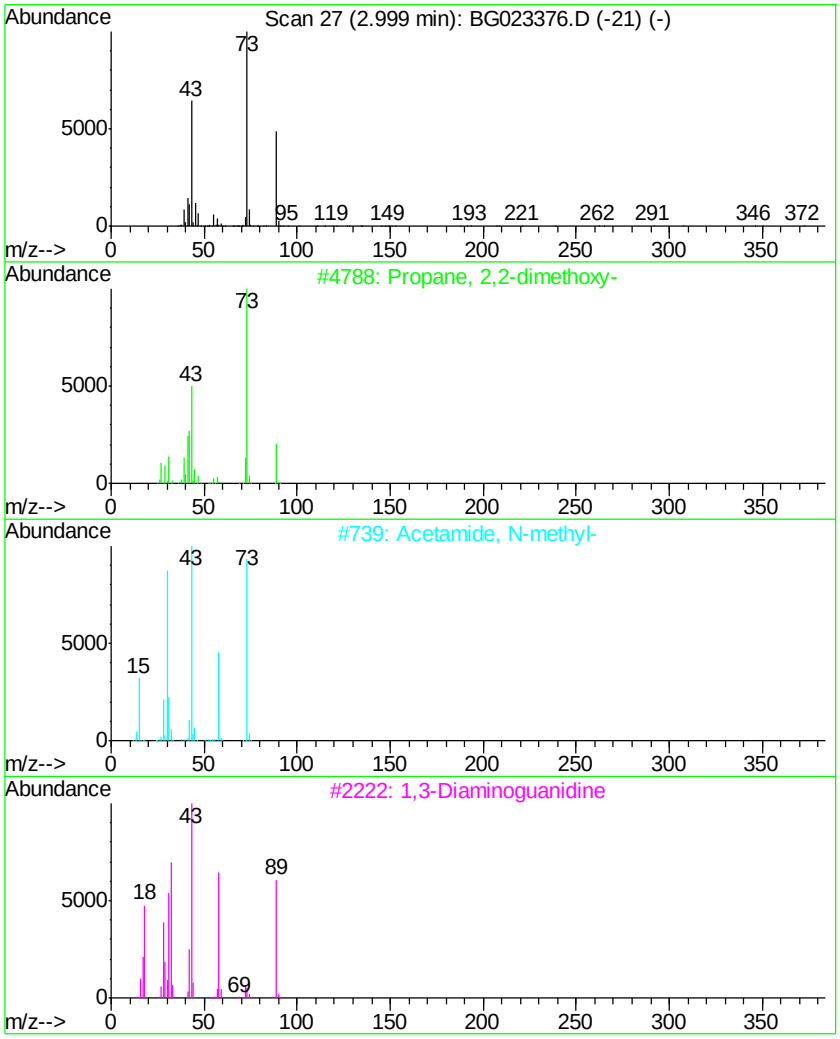
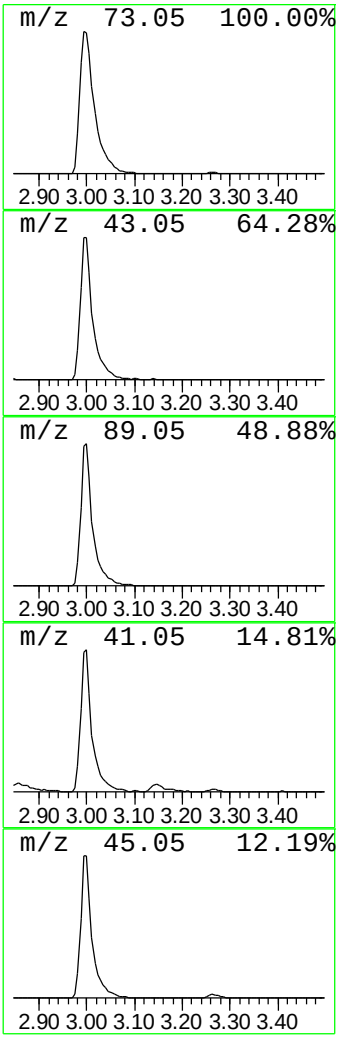
Peak Number 1 unknown3.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	246.26 ng	11317100	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-45A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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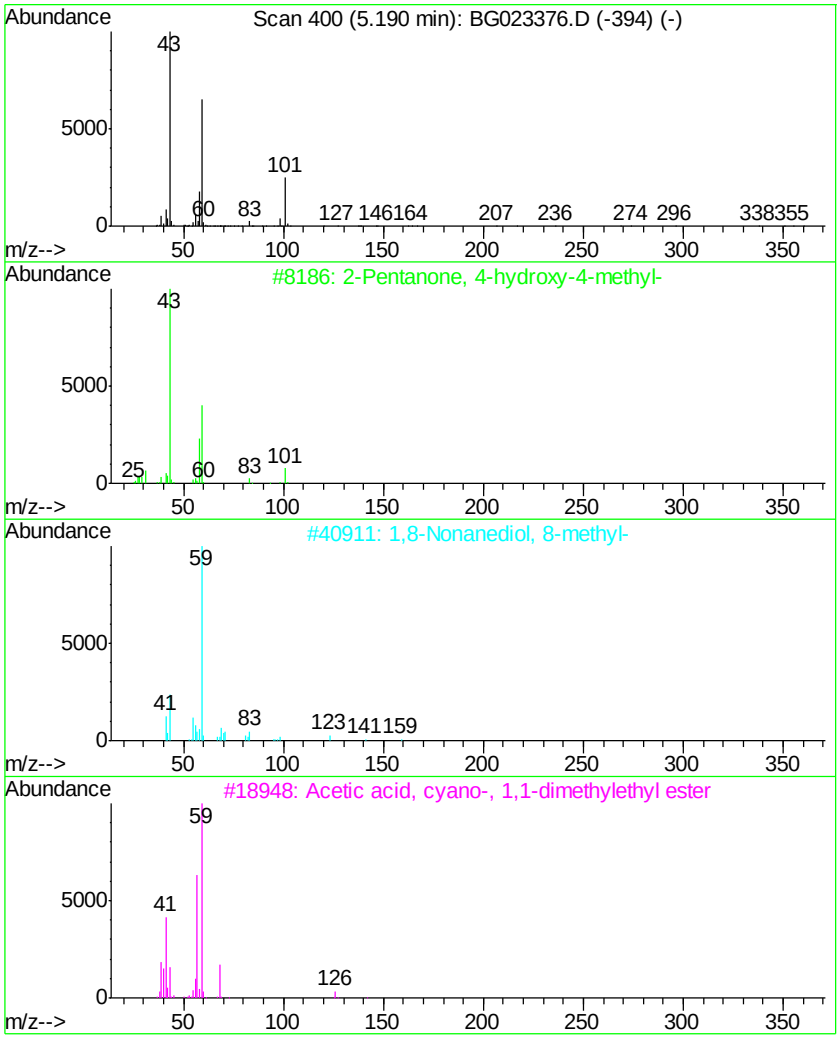
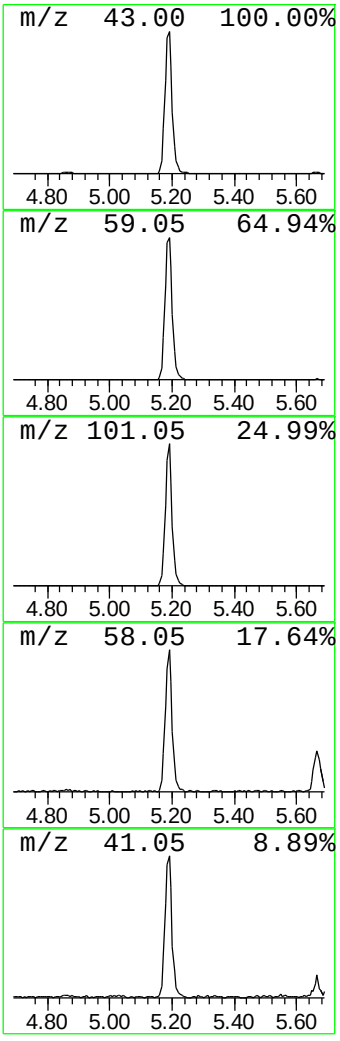
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	39.61 ng	1820080	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Data File : BG023376.D
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Operator : UM/SJ
Sample : H4206-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-45A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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TIC Library : C:\DATABASE\NIST11.L
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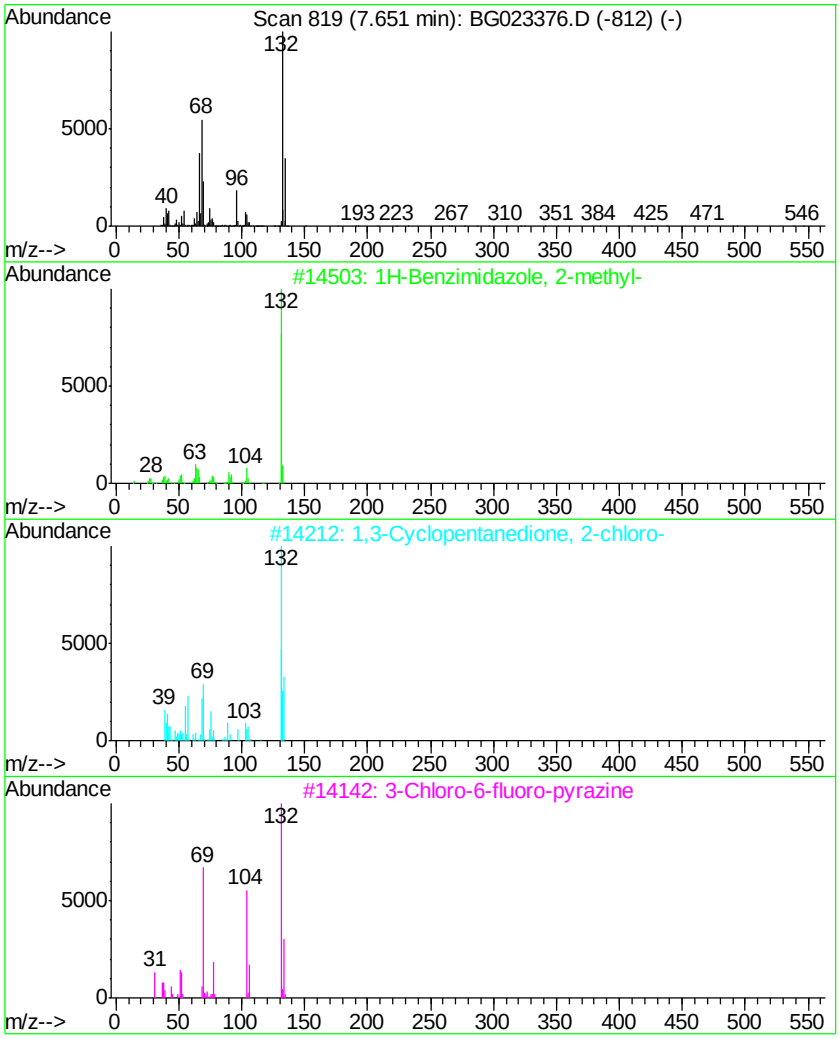
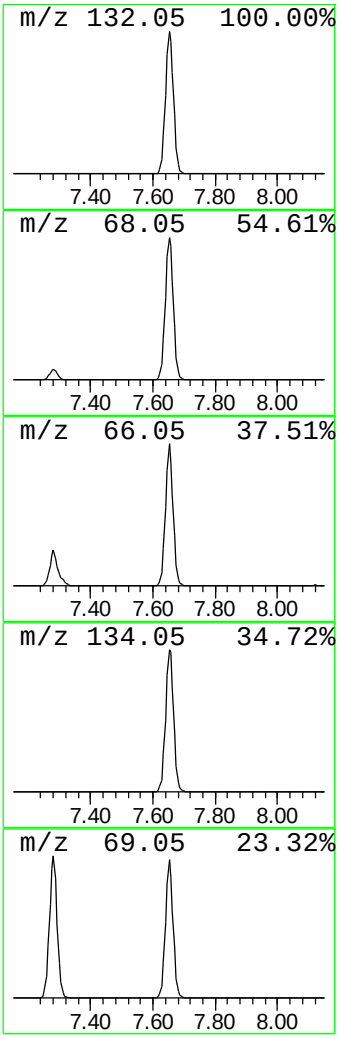
Peak Number 4 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	128.52 ng	5906310	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





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Operator : UM/SJ
Sample : H4206-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-45A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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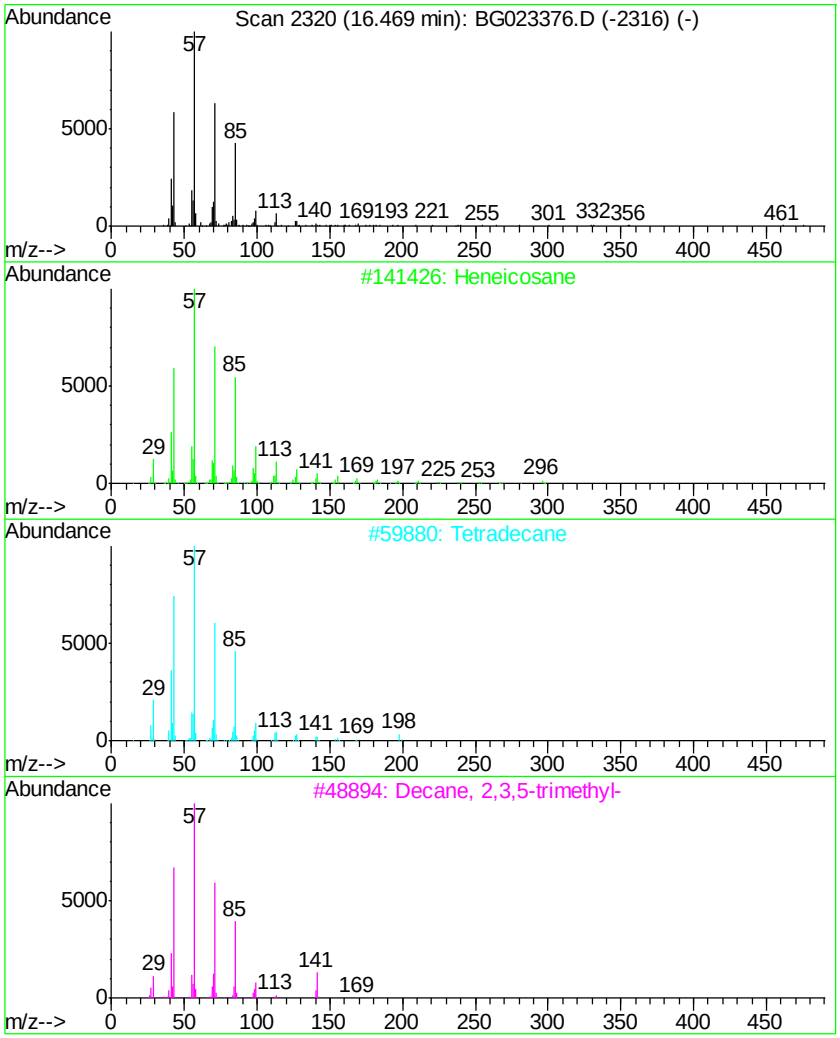
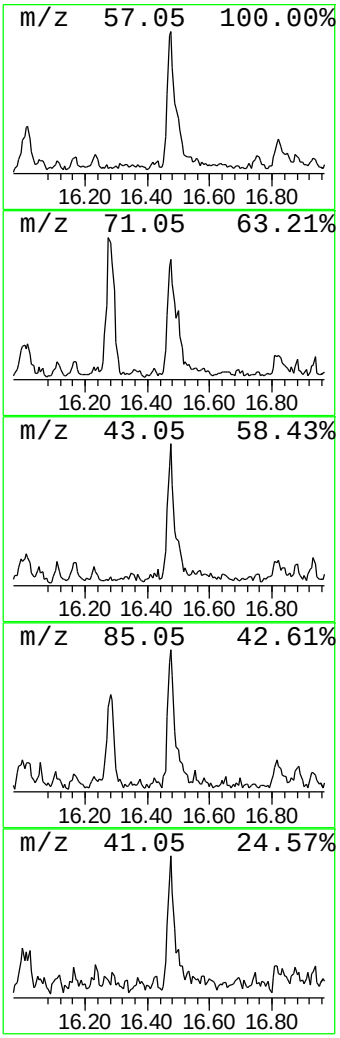
Peak Number 6 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	2.09 ng	386517	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	83





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Operator : UM/SJ
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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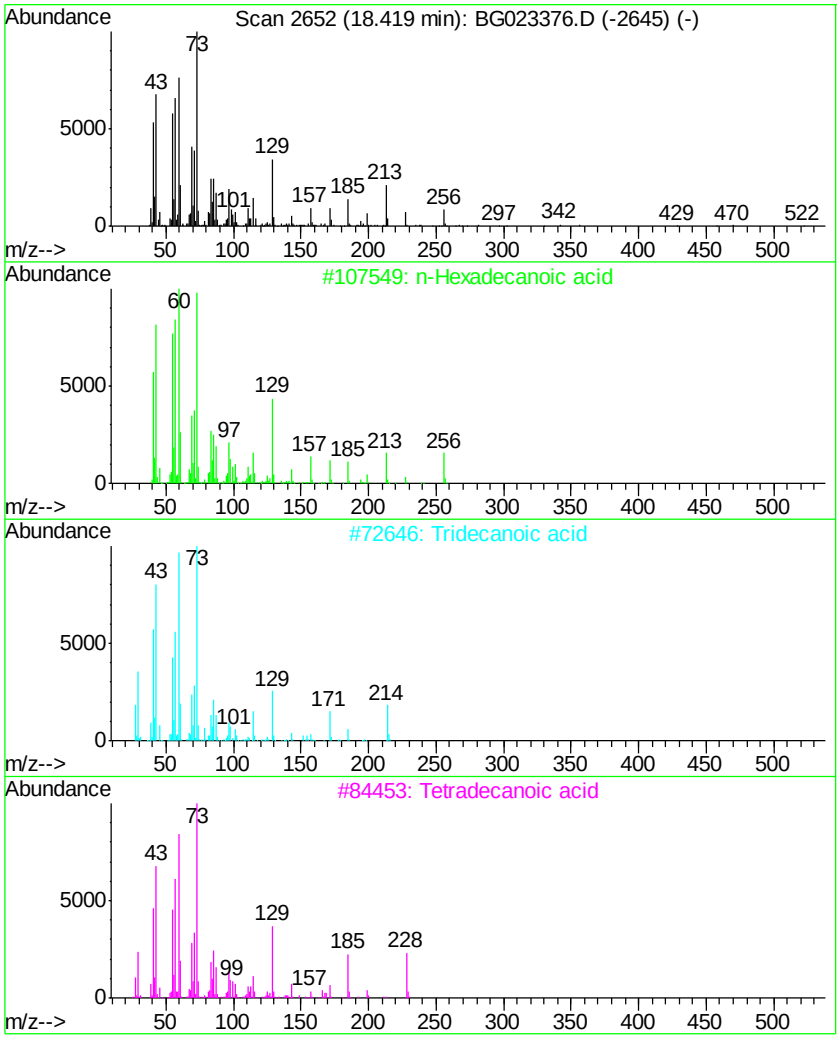
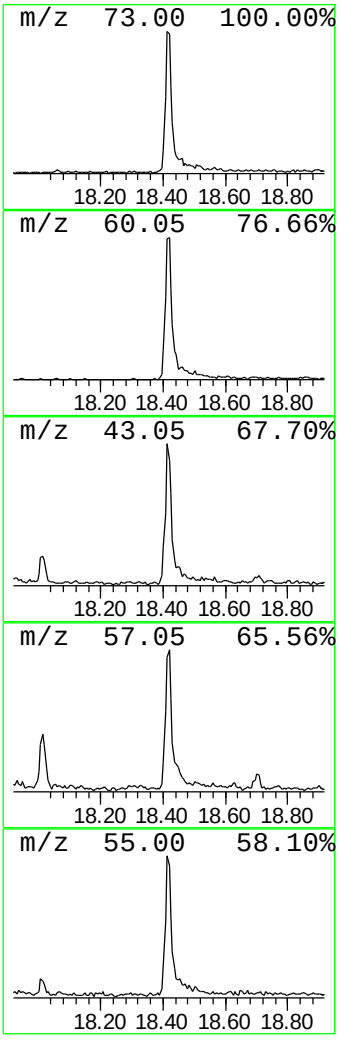
Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	5.61 ng	1038820	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





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Instrument : BNA_G
ClientSampleId : LOCATION-45A

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TIC Library : C:\DATABASE\NIST11.L
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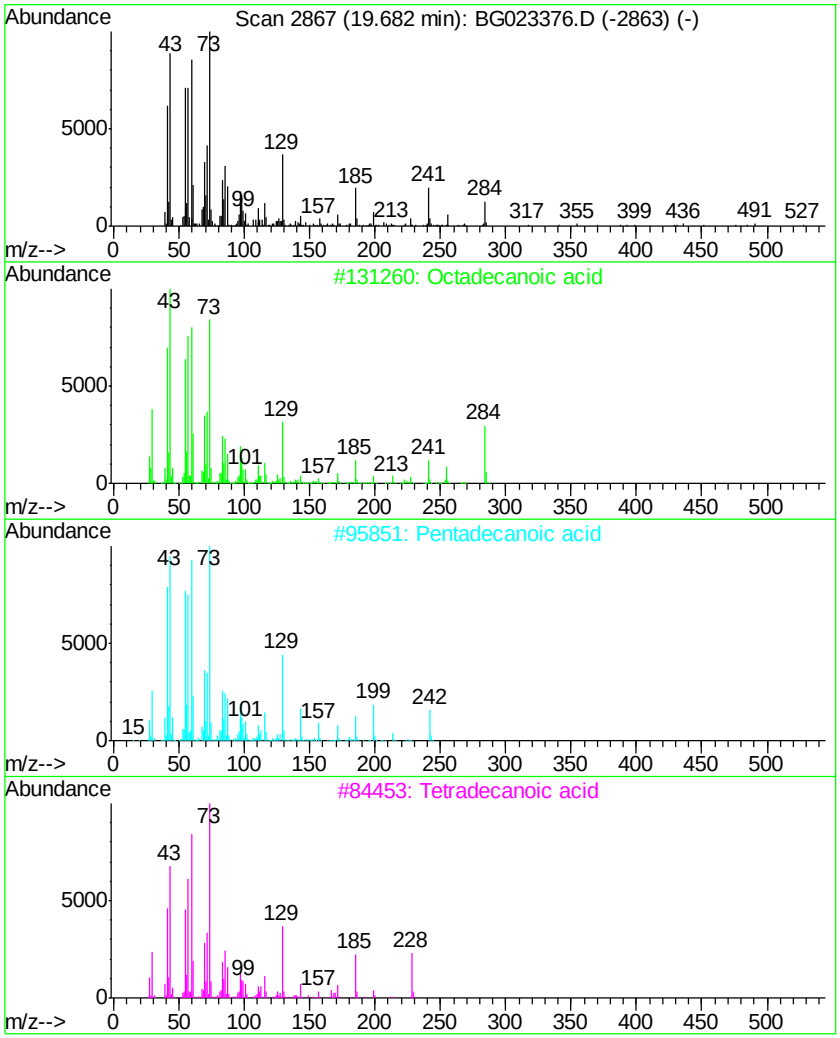
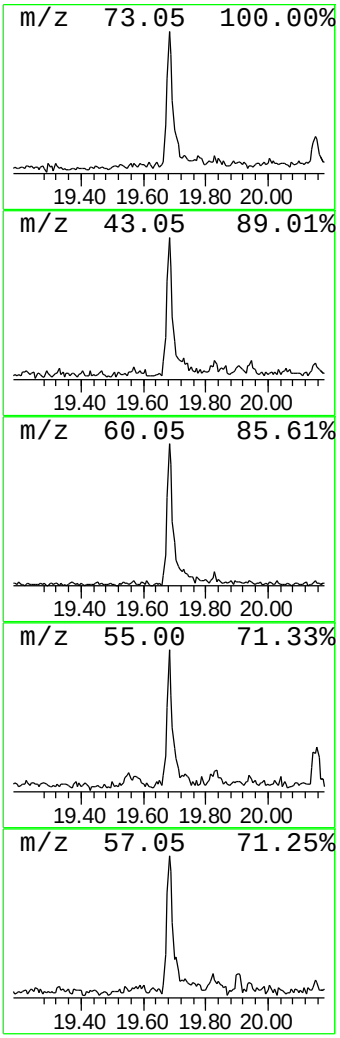
Peak Number 8 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.96 ng	548890	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Dodecanoic acid	200	C12H24O2	000143-07-7	74





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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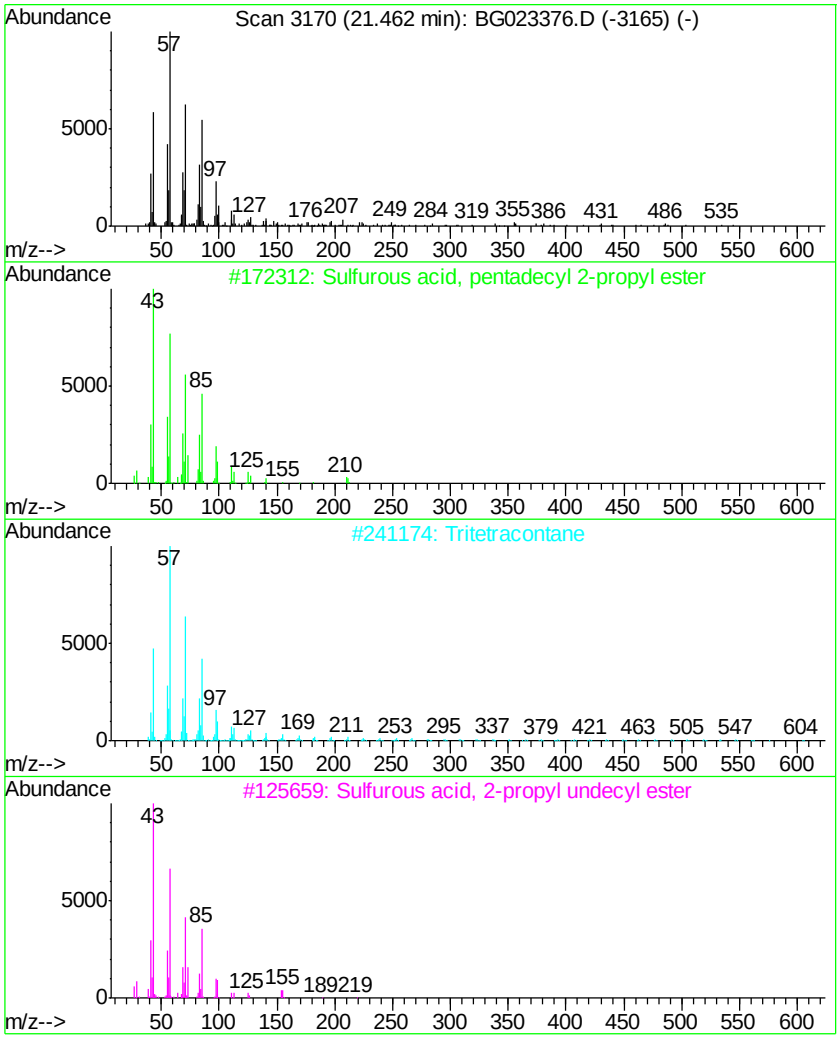
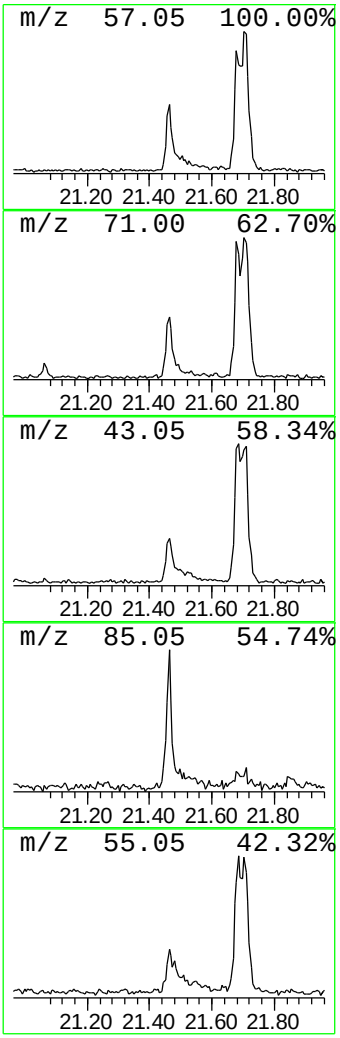
Peak Number 9 Sulfurous acid, pentadecyl ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	2.33 ng	404427	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	80
2	Tritetracontane	605	C43H88	007098-21-7	72
3	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	72
4	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	64
5	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	59





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.00	3.00	246.3	ng	11317100	1	8.13	919105	20.0
2-Pentanone, 4-hy...	5.19	39.6	ng	1820080	1	8.13	919105	20.0
unknown7.65	7.65	128.5	ng	5906310	1	8.13	919105	20.0
Heneicosane	16.47	2.1	ng	386517	4	17.54	3703820	20.0
n-Hexadecanoic acid	18.42	5.6	ng	1038820	4	17.54	3703820	20.0
Octadecanoic acid	19.68	3.0	ng	548890	4	17.54	3703820	20.0
Sulfurous acid, p...	21.46	2.3	ng	404427	5	21.86	3474650	20.0