LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021747.D
Acq On : 18 Apr 2016 23:37
Operator : UM/SJ
Sample : H2537-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B5(15-17)

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-BG041316.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	3.091	38	43	70	rVB	2461886	4111656	100.00%	20.505%
2	3.361	84	89	100	rVB	27364	43914	1.07%	0.219%
3	5.288	411	417	426	rVB	62604	99552	2.42%	0.496%
4	5.764	490	498	511	rBV	825770	1338598	32.56%	6.676%
5	7.368	763	771	782	rBV	834974	1496149	36.39%	7.461%
6	7.744	827	835	848	rVB	838152	1443587	35.11%	7.199%
7	8.208	907	914	920	rBV	143315	242113	5.89%	1.207%
8	8.537	962	970	980	rBV	599401	1037489	25.23%	5.174%
9	9.383	1102	1114	1122	rBV	504219	938951	22.84%	4.683%
10	11.028	1386	1394	1403	rVB	207896	367885	8.95%	1.835%
11	13.449	1797	1806	1813	rBV	1324596	2067866	50.29%	10.312%
12	14.260	1937	1944	1950	rBV	107746	164352	4.00%	0.820%
13	14.818	2033	2039	2050	rVB2	280925	476398	11.59%	2.376%
14	15.635	2174	2178	2183	rVB	38287	47368	1.15%	0.236%
15	16.299	2285	2291	2302	rVB	861464	1291954	31.42%	6.443%
16	16.493	2319	2324	2332	rBV	37950	61189	1.49%	0.305%
17	17.556	2497	2505	2518	rBV2	319919	494828	12.03%	2.468%
18	19.818	2886	2890	2896	rVB	177773	205879	5.01%	1.027%
19	19.930	2906	2909	2918	rVB2	50543	73849	1.80%	0.368%
20	20.141	2939	2945	2950	rBV	1848274	2434622	59.21%	12.142%
21	20.858	3063	3067	3073	rVB	133115	155979	3.79%	0.778%
22	21.440	3162	3166	3170	rVB	37978	46426	1.13%	0.232%
23	21.828	3225	3232	3240	rBV	370109	617057	15.01%	3.077%
24	21.998	3258	3261	3268	rVB2	39358	55637	1.35%	0.277%
25	22.627	3364	3368	3373	rVB4	26979	46817	1.14%	0.233%
26	23.338	3485	3489	3497	rVB3	27529	46958	1.14%	0.234%
27	25.159	3789	3799	3812	rVB2	219014	644961	15.69%	3.216%

Sum of corrected areas: 20052034

LSC Report - Integrated Chromatogram

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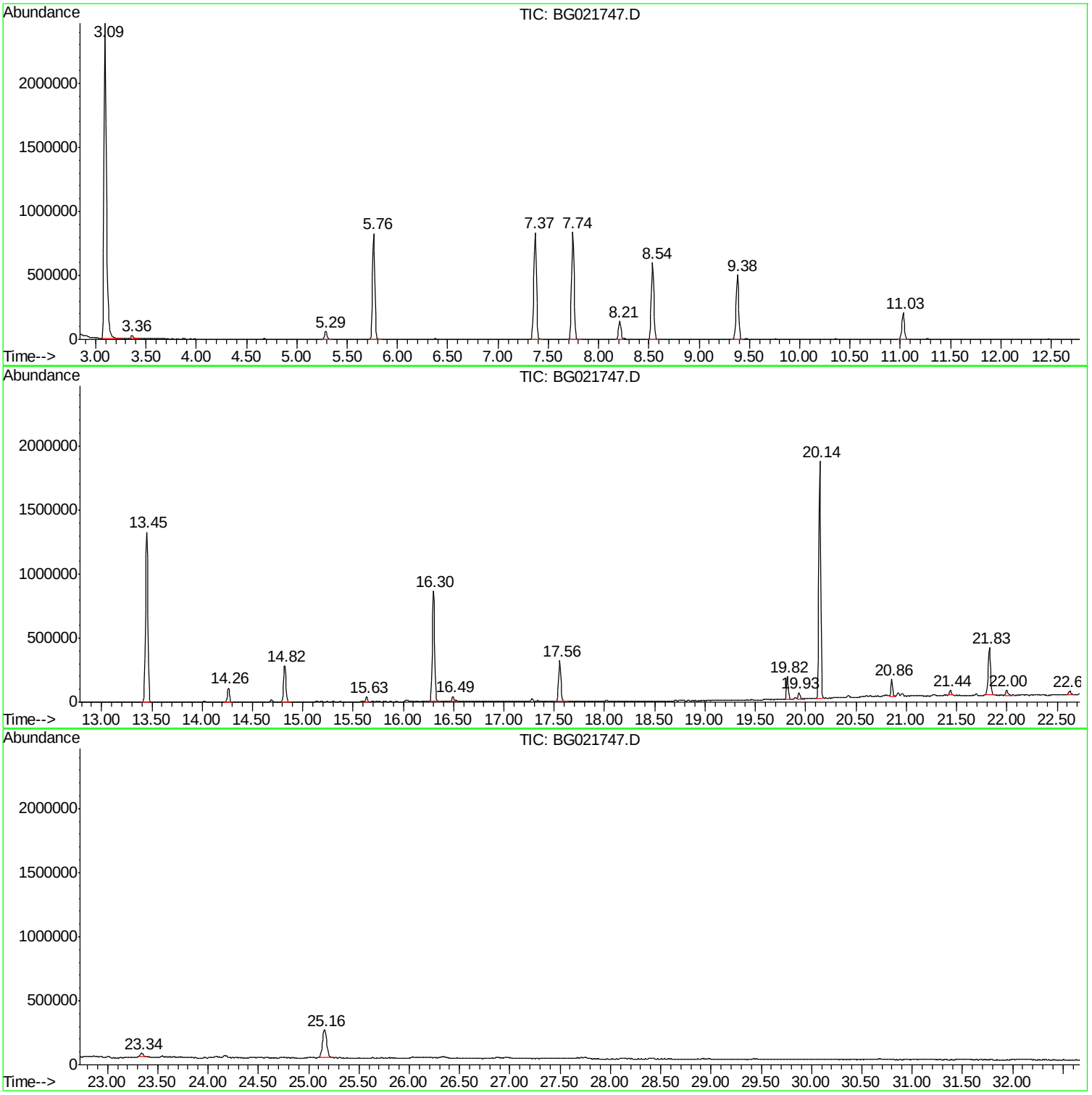
Operator : UM/SJ
Sample : H2537-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B5(15-17)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021747.D
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Operator : UM/SJ
Sample : H2537-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B5(15-17)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

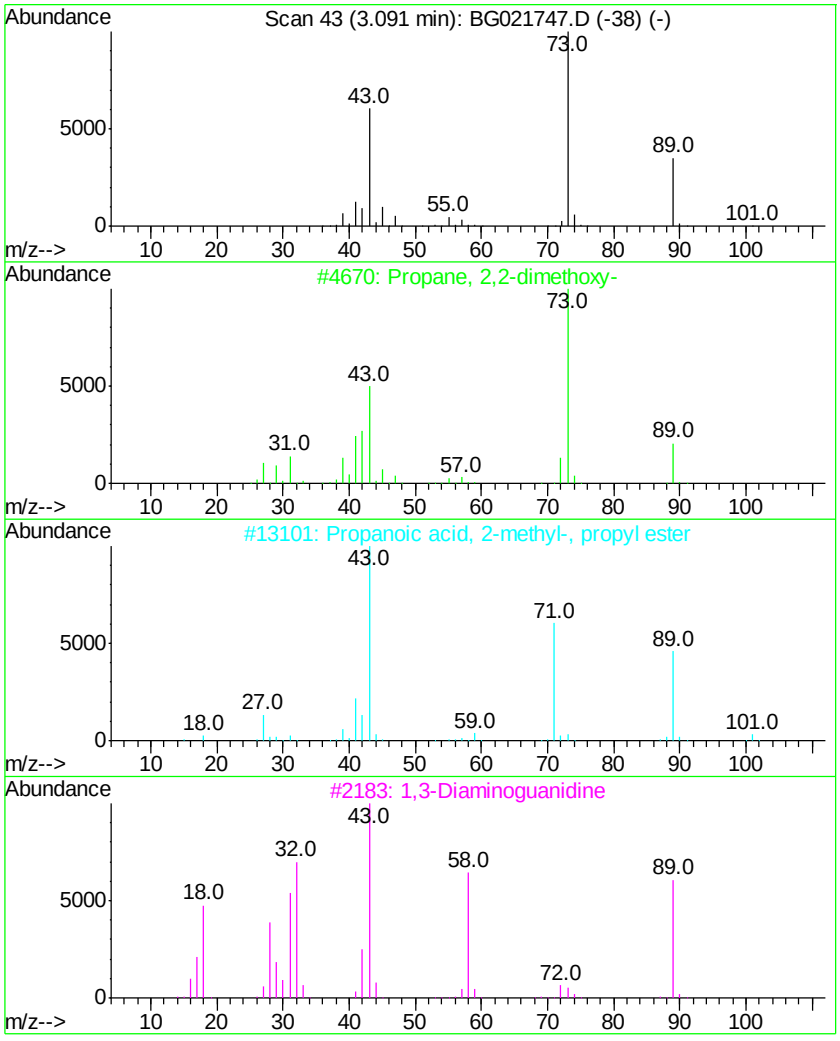
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

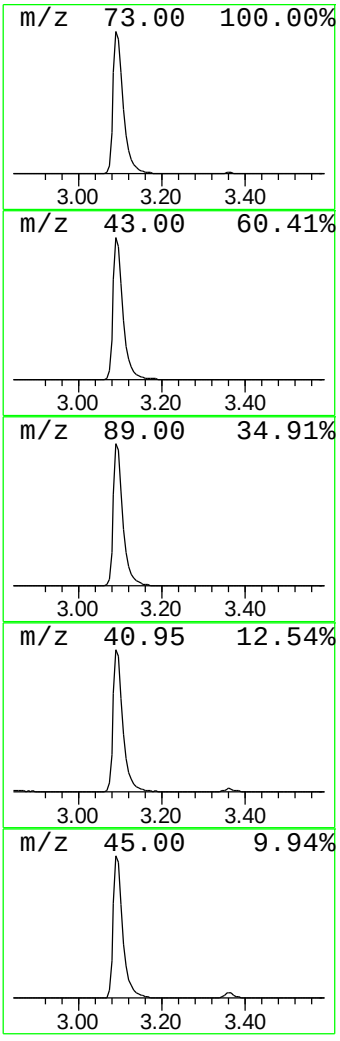
****

Peak Number 1 unknown3.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	339.65 ng	4111660	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	16
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021747.D
Acq On : 18 Apr 2016 23:37
Operator : UM/SJ
Sample : H2537-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B5(15-17)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

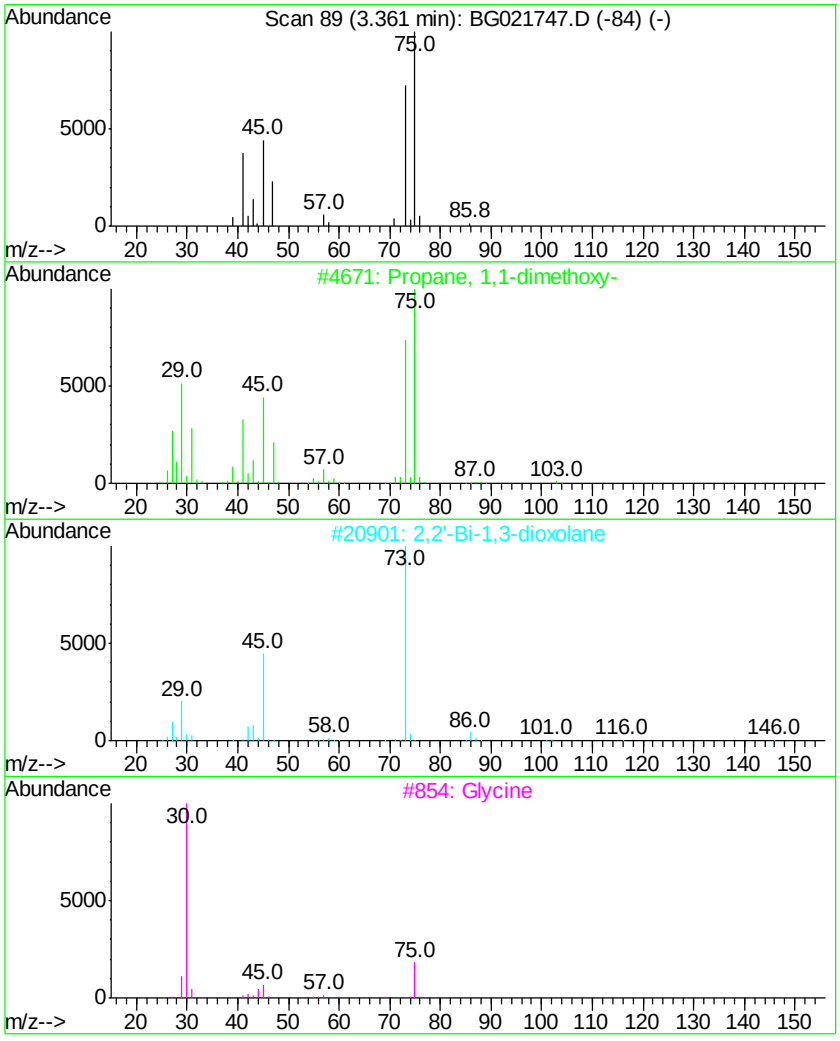
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

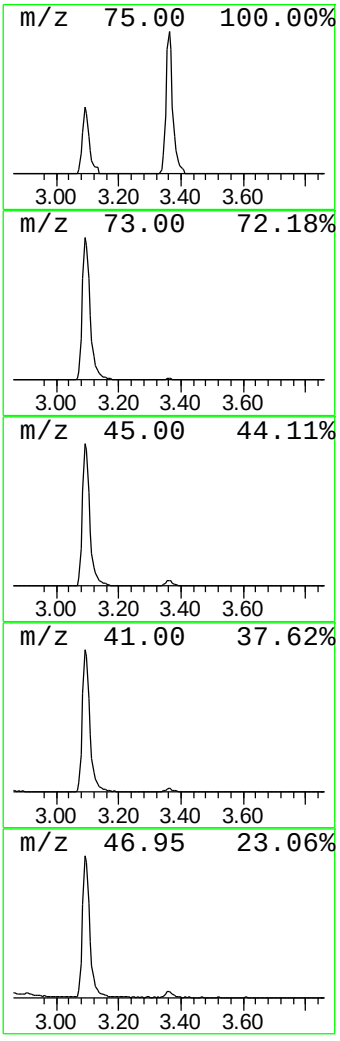
****

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	3.63 ng	43914	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	9
3	Glycine	75	C2H5NO2	000056-40-6	5
4	Methane, nitroso-	45	CH3NO	000865-40-7	4
5	Ethanethioamide	75	C2H5NS	000062-55-5	4





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021747.D
Acq On : 18 Apr 2016 23:37
Operator : UM/SJ
Sample : H2537-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B5(15-17)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

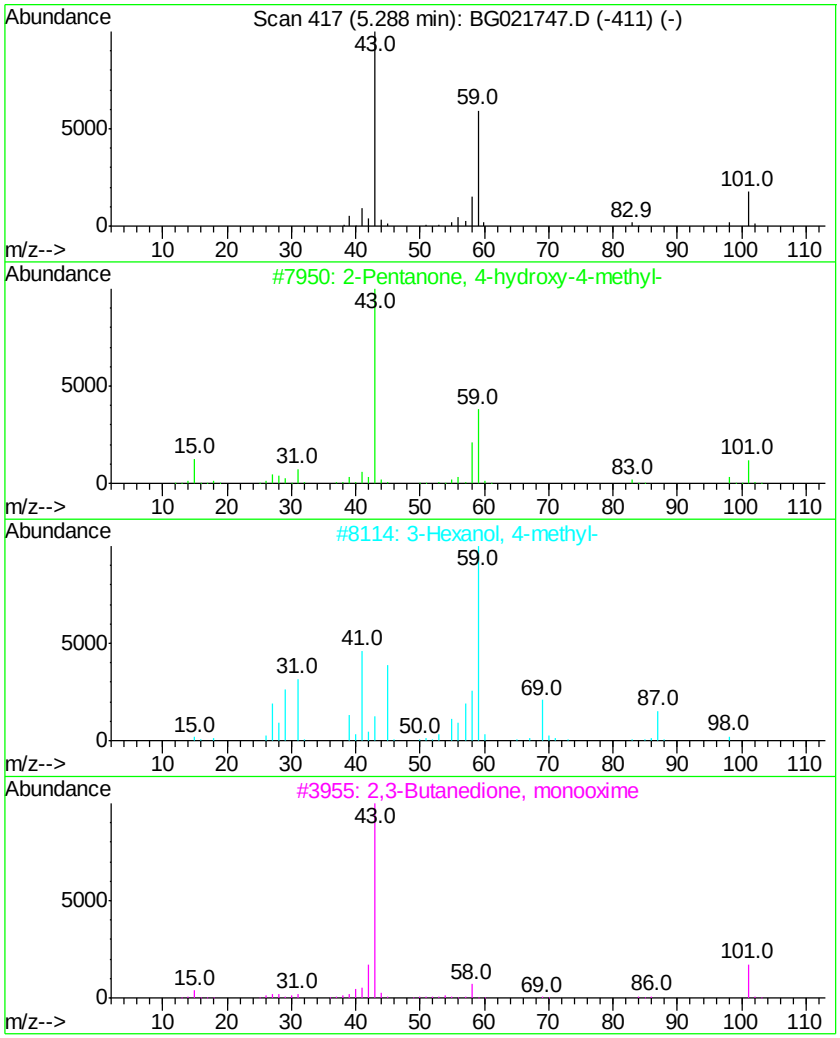
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

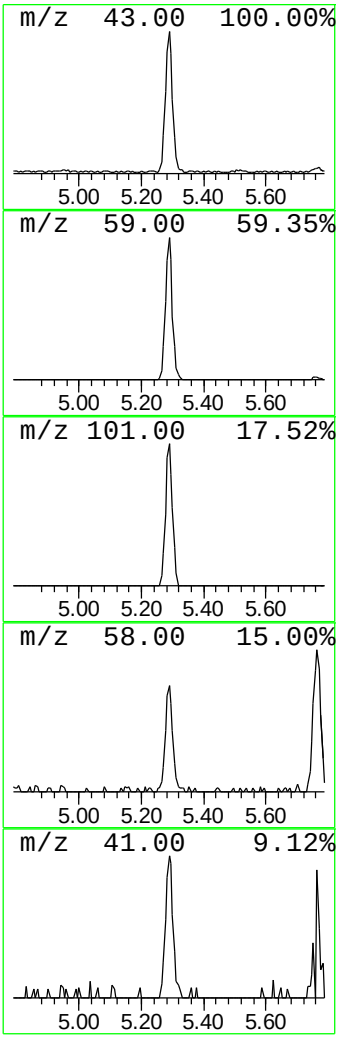
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	8.22 ng	99552	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Butane	58	C4H10	000106-97-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021747.D
Acq On : 18 Apr 2016 23:37
Operator : UM/SJ
Sample : H2537-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B5(15-17)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

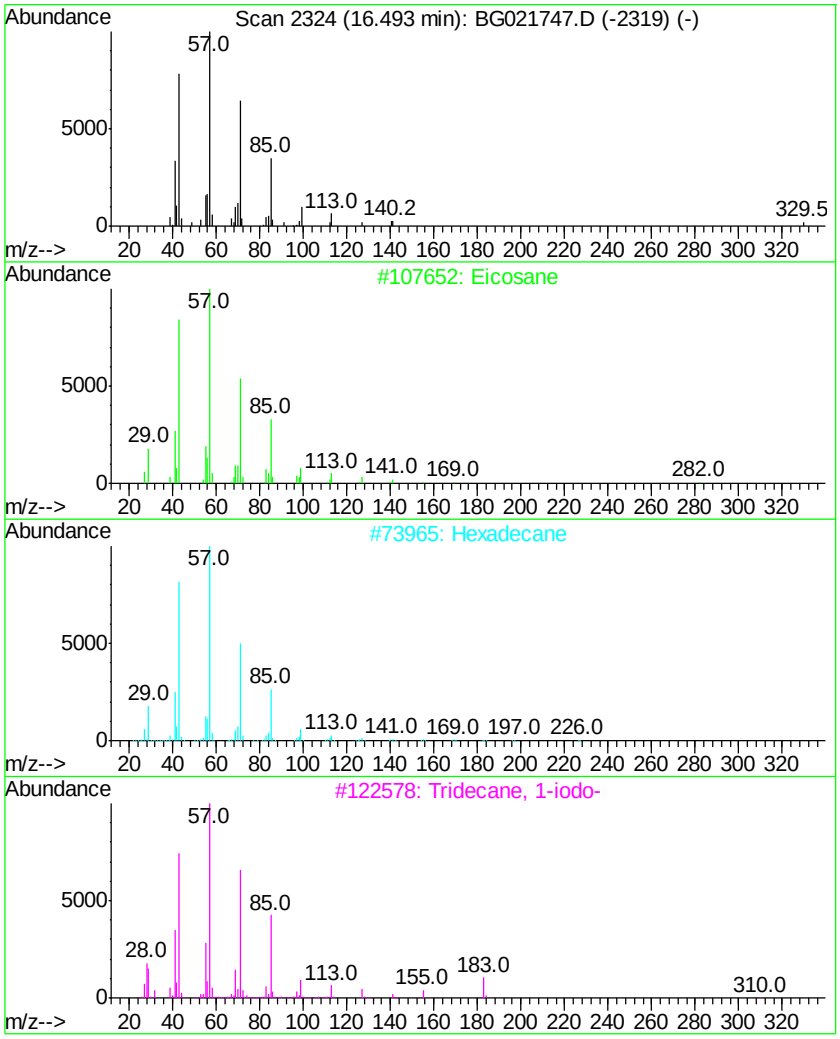
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

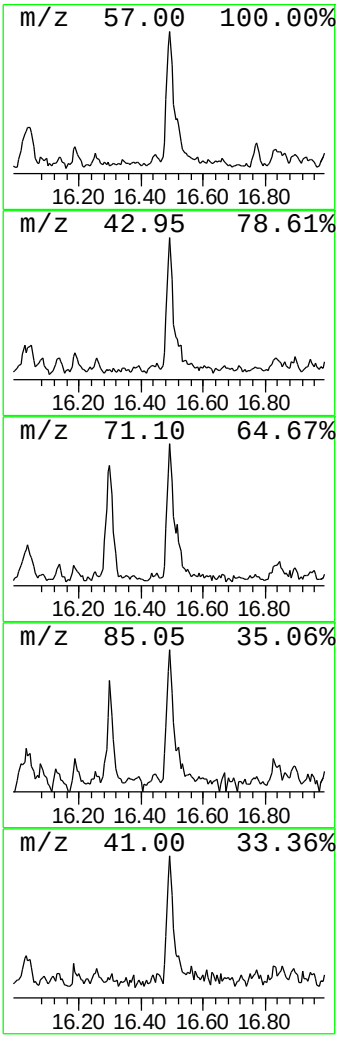
****

Peak Number 6 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.47 ng	61189	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72





Library Search Compound Report

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Data File : BG021747.D
Acq On : 18 Apr 2016 23:37
Operator : UM/SJ
Sample : H2537-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B5(15-17)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

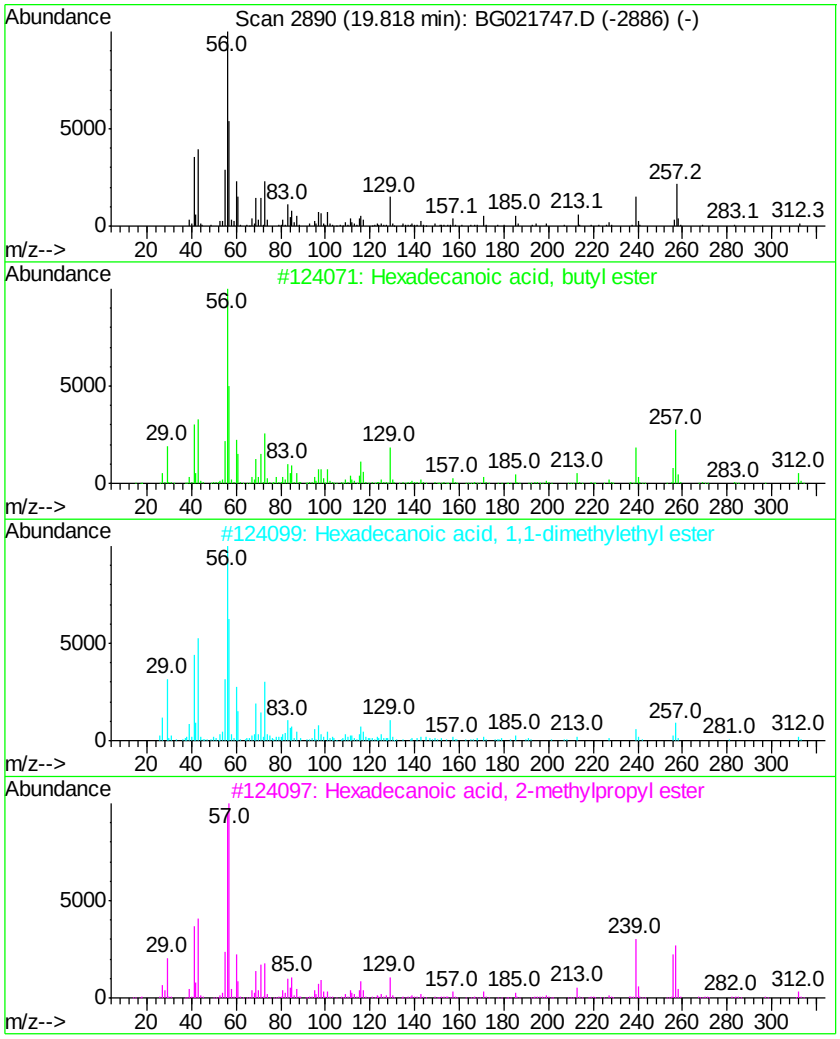
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

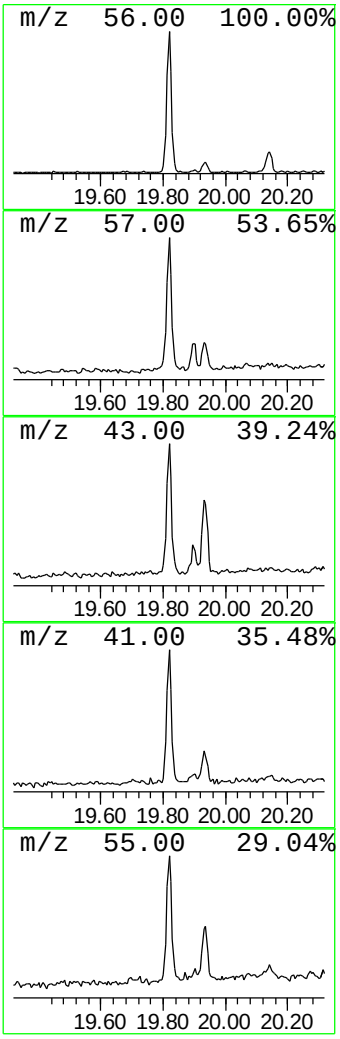
****

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	6.67 ng	205879	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	83
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	46
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
5	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43





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Data File : BG021747.D
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Operator : UM/SJ
Sample : H2537-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B5(15-17)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

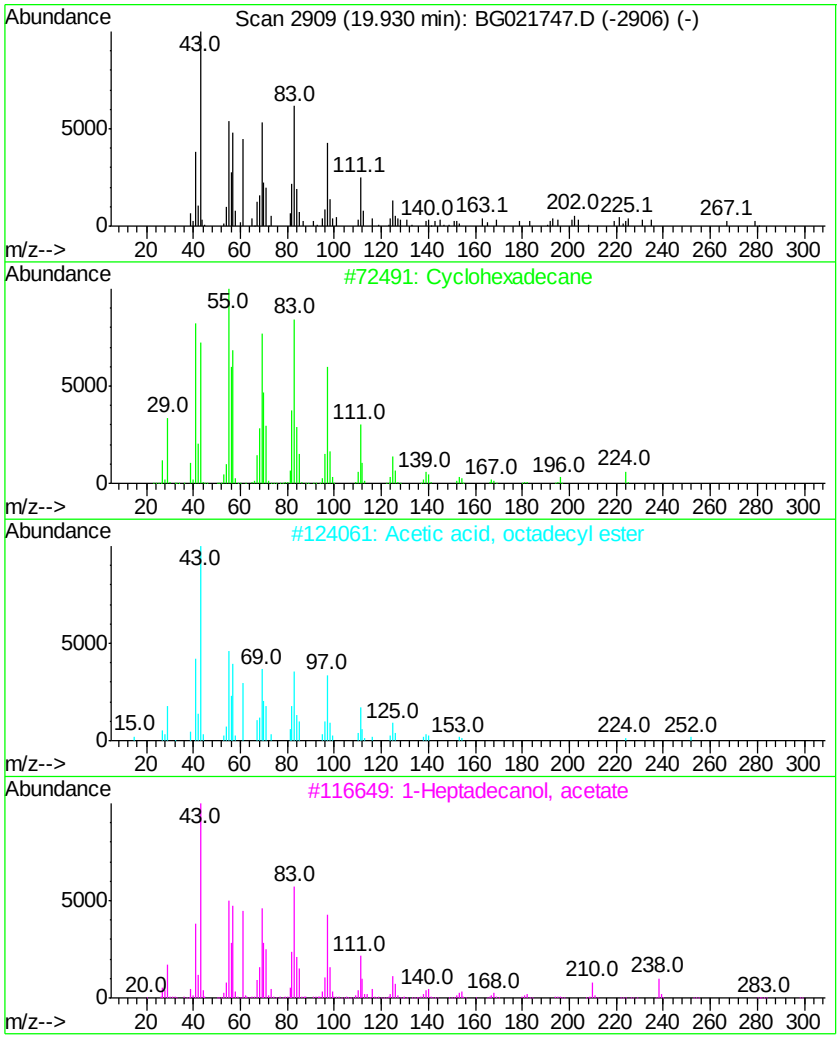
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

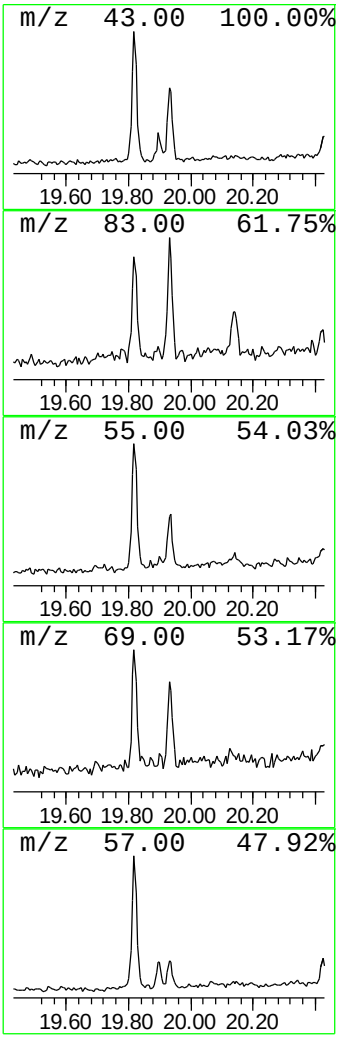
****

Peak Number 8 Cyclohexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.39 ng	73849	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	91
3	1-Heptadecanol, acetate	298	C19H38O2	000822-20-8	90
4	1-Nonadecanol	284	C19H40O	001454-84-8	81
5	1-Octadecanol	270	C18H38O	000112-92-5	74





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Instrument : BNA_G
ClientSampleId : B5(15-17)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

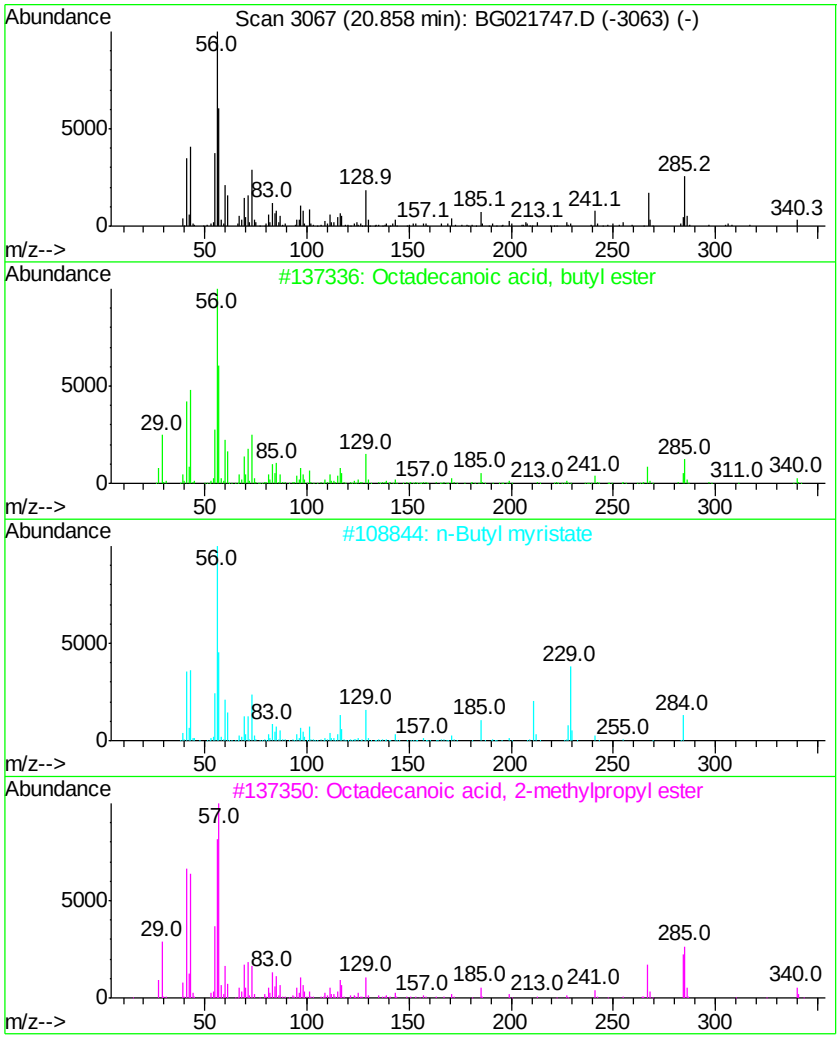
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

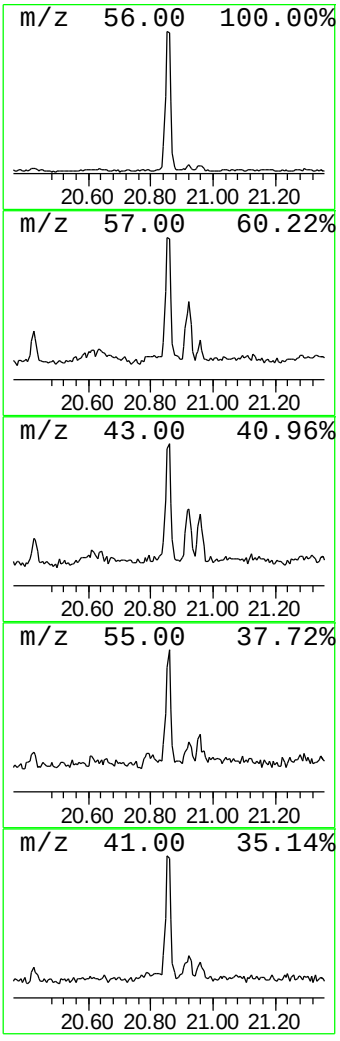
****

Peak Number 9 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	5.06 ng	155979	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	96
2	n-Butyl myristate	284	C18H36O2	000110-36-1	59
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	55
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	35





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown3.09	3.09	339.6	ng	4111660	1	8.21	242113	20.0
Propane, 1,1-dime...	3.36	3.6	ng	43914	1	8.21	242113	20.0
2-Pentanone, 4-hy...	5.29	8.2	ng	99552	1	8.21	242113	20.0
Eicosane	16.49	2.5	ng	61189	4	17.56	494828	20.0
Hexadecanoic acid...	19.82	6.7	ng	205879	5	21.83	617057	20.0
Cyclohexadecane	19.93	2.4	ng	73849	5	21.83	617057	20.0
Octadecanoic acid...	20.86	5.1	ng	155979	5	21.83	617057	20.0