LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
Data File : BG031344.D
Acq On : 2 Dec 2017 8:14
Operator : SJ/JU
Sample : I6653-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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-BG111017.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	5.689	401	408	420	rBV	538811	947440	14.75%	3.450%
2	7.293	675	681	696	rBV	311437	612458	9.54%	2.230%
3	7.663	736	744	759	rBV	1105438	1986438	30.93%	7.233%
4	8.127	816	823	832	rBV	245625	427036	6.65%	1.555%
5	8.450	871	878	891	rBV	1074138	1991661	31.01%	7.252%
6	9.296	1013	1022	1040	rBV	808770	1561996	24.32%	5.688%
7	10.942	1294	1302	1316	rBV	311729	638704	9.94%	2.326%
8	13.374	1707	1716	1733	rBV	2558765	4227193	65.82%	15.392%
9	14.749	1944	1950	1958	rBV2	557356	954372	14.86%	3.475%
10	16.235	2196	2203	2222	rBV	1990246	3145995	48.98%	11.455%
11	16.429	2231	2236	2246	rBV4	29786	66390	1.03%	0.242%
12	17.493	2410	2417	2429	rBV	762833	1238000	19.28%	4.508%
13	18.356	2560	2564	2574	rBV	87689	162729	2.53%	0.593%
14	19.620	2775	2779	2787	rBV2	95142	165559	2.58%	0.603%
15	20.084	2852	2858	2868	rBV	4865592	6422606	100.00%	23.387%
16	21.764	3138	3144	3156	rVB2	858324	1463612	22.79%	5.329%
17	25.060	3694	3705	3716	rBV	508844	1450633	22.59%	5.282%

Sum of corrected areas: 27462822

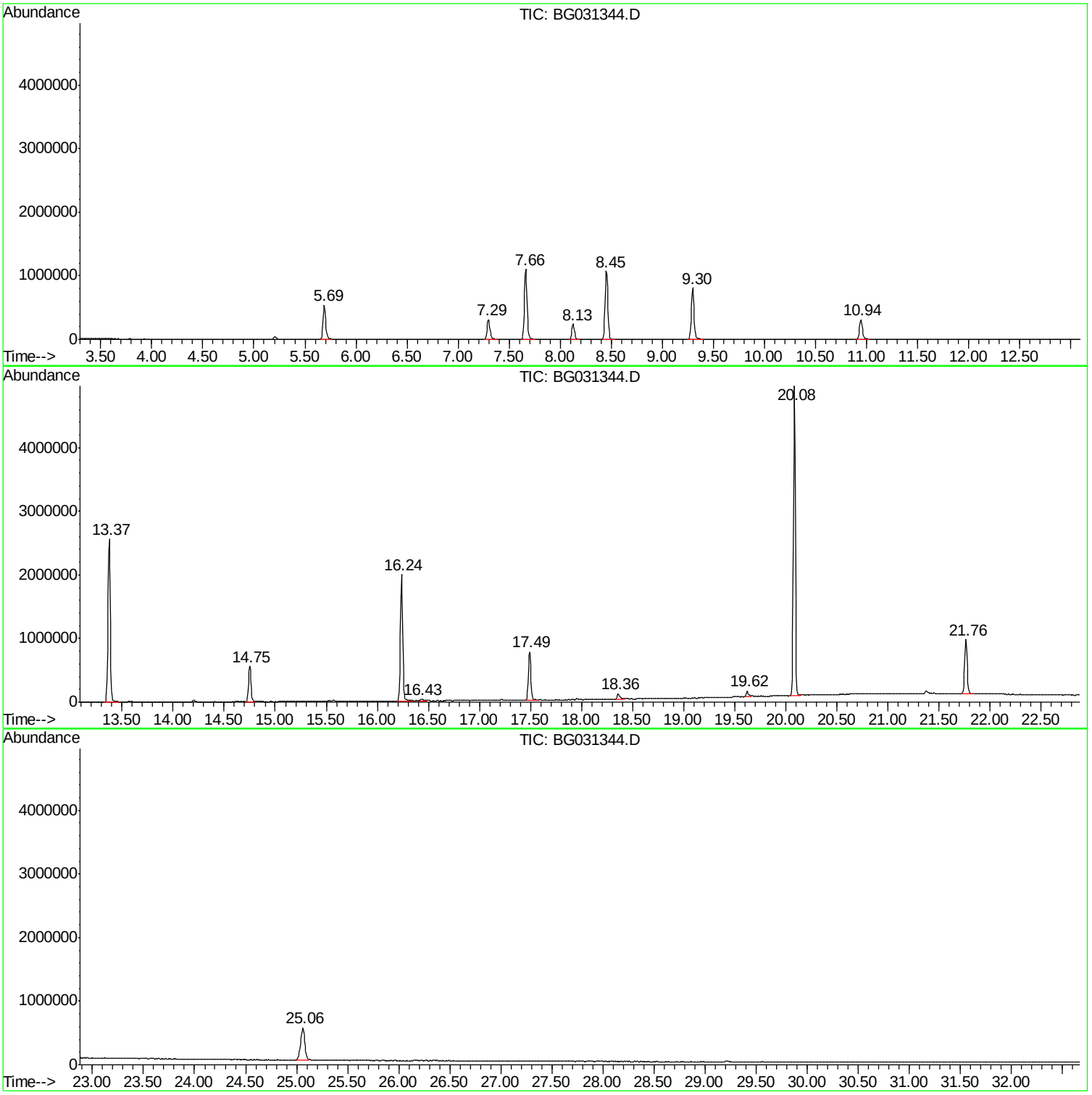
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
Data File : BG031344.D
Acq On : 2 Dec 2017 8:14
Operator : SJ/JU
Sample : I6653-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
Data File : BG031344.D
Acq On : 2 Dec 2017 8:14
Operator : SJ/JU
Sample : I6653-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

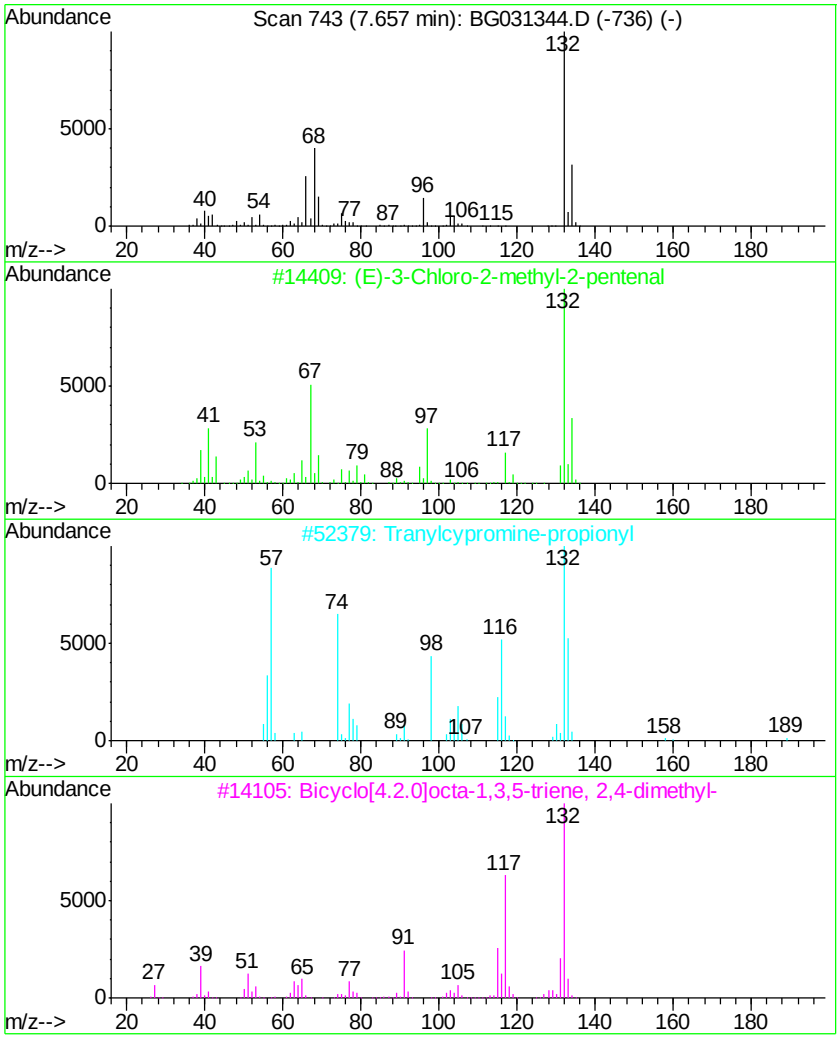
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

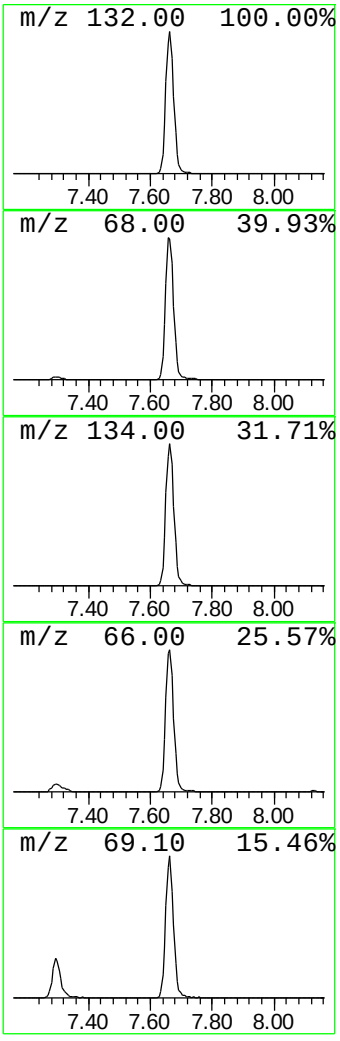
****

Peak Number 1 unknown7.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	93.03 ng	1986440	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
Data File : BG031344.D
Acq On : 2 Dec 2017 8:14
Operator : SJ/JU
Sample : I6653-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

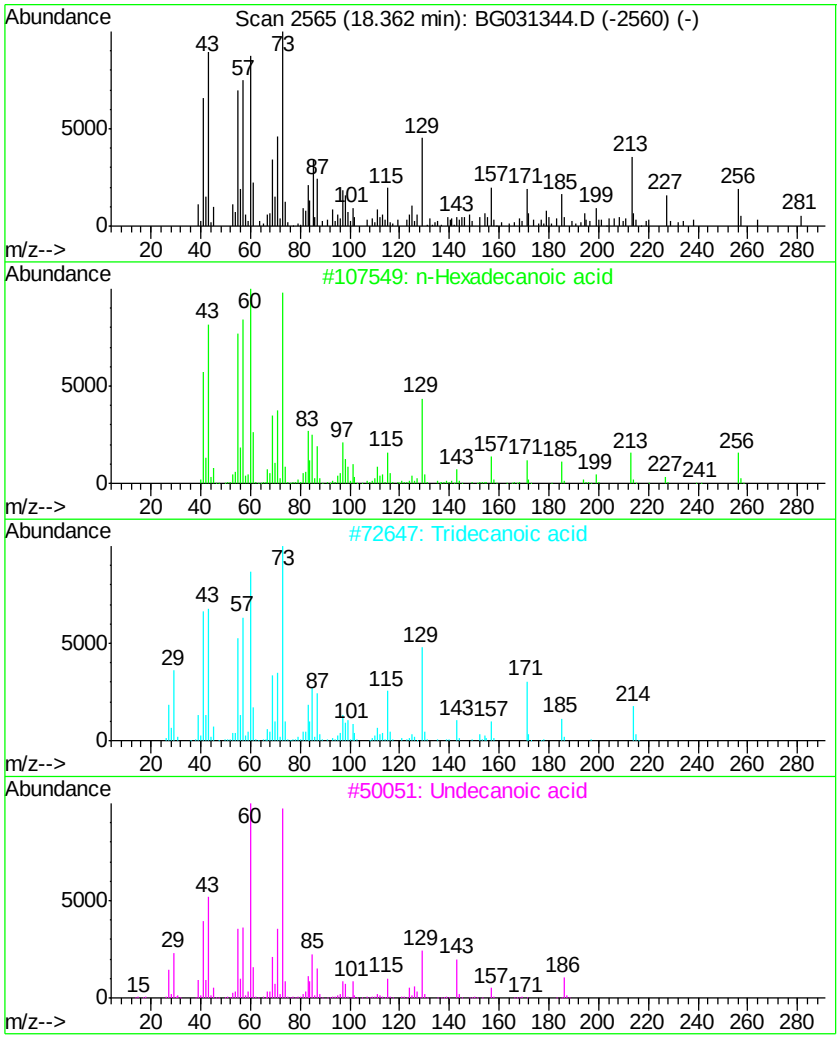
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

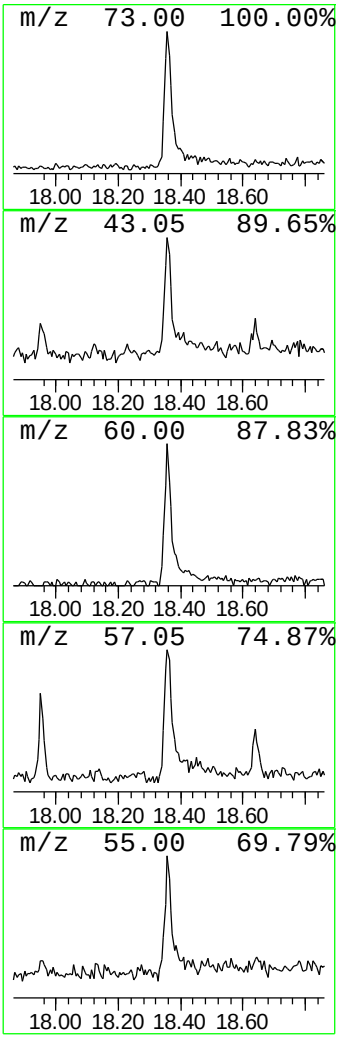
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.63 ng	162729	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Undecanoic acid	186	C11H22O2	000112-37-8	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
Data File : BG031344.D
Acq On : 2 Dec 2017 8:14
Operator : SJ/JU
Sample : I6653-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

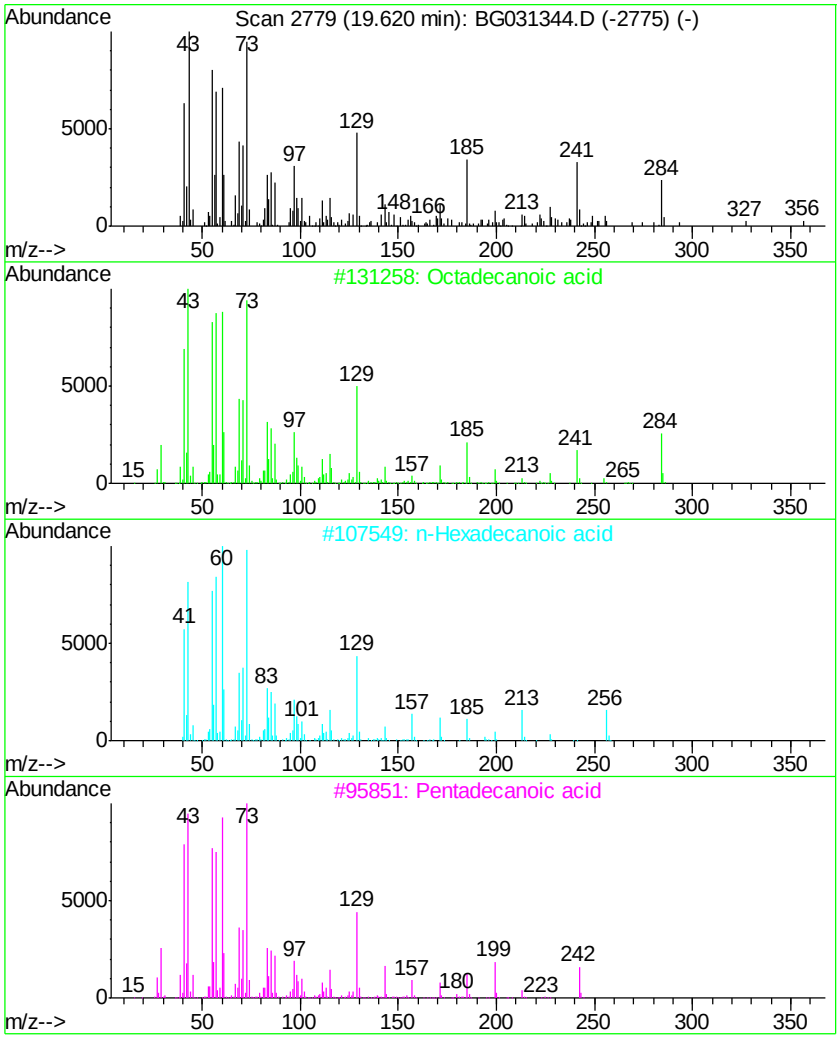
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

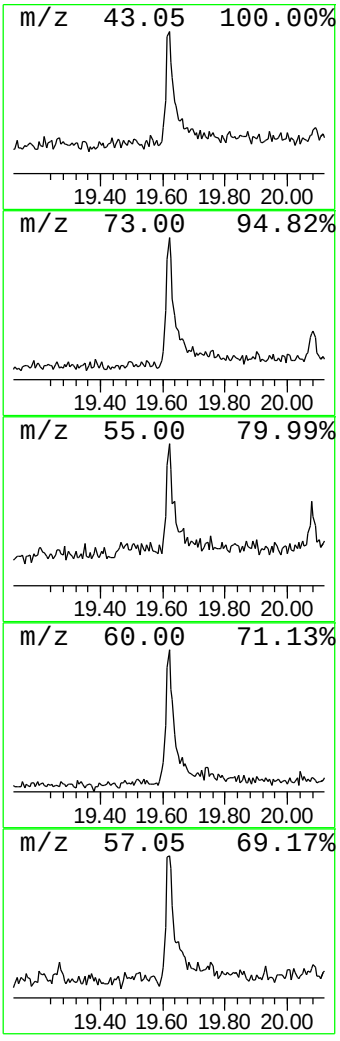
****

Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.67 ng	165559	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120117\
Data File : BG031344.D
Acq On : 2 Dec 2017 8:14
Operator : SJ/JU
Sample : I6653-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.66	7.66	93.0	ng	1986440	1	8.13	427036	20.0
n-Hexadecanoic acid	18.36	2.6	ng	162729	4	17.49	1238000	20.0
Octadecanoic acid	19.62	2.7	ng	165559	4	17.49	1238000	20.0