LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
Data File : BG036532.D
Acq On : 4 Sep 2018 15:13
Operator : JU/SJ
Sample : J4748-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.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	5.161	314	319	327	rVB	58643	89879	1.61%	0.314%
2	5.625	391	398	412	rBV	1327118	2137990	38.38%	7.463%
3	7.218	660	669	680	rBV	1382081	2420399	43.45%	8.449%
4	7.594	722	733	739	rBV	1266256	2223677	39.92%	7.762%
5	8.058	805	812	819	rBV	227514	386061	6.93%	1.348%
6	8.381	859	867	877	rVB	972155	1674457	30.06%	5.845%
7	9.221	1001	1010	1022	rBV	836254	1471113	26.41%	5.135%
8	10.866	1281	1290	1297	rBV	306898	557121	10.00%	1.945%
9	13.311	1698	1706	1717	rVB	2232121	3551281	63.75%	12.396%
10	14.127	1839	1845	1859	rVB	452902	676029	12.14%	2.360%
11	14.685	1932	1940	1949	rVB2	468637	793647	14.25%	2.770%
12	16.166	2185	2192	2205	rBV	1772668	2814273	50.52%	9.823%
13	17.423	2400	2406	2415	rBV2	699057	1066126	19.14%	3.721%
14	18.311	2552	2557	2564	rBV2	94951	137732	2.47%	0.481%
15	20.032	2844	2850	2860	rBV	4202564	5570333	100.00%	19.444%
16	21.342	3068	3073	3087	rBV	78321	219962	3.95%	0.768%
17	21.689	3125	3132	3142	rBV	745870	1223517	21.96%	4.271%
18	21.889	3162	3166	3173	rVB	48173	70848	1.27%	0.247%
19	22.500	3266	3270	3275	rBV2	46231	69720	1.25%	0.243%
20	23.193	3383	3388	3394	rBV3	49214	83697	1.50%	0.292%
21	23.998	3520	3525	3534	rVB3	38507	85975	1.54%	0.300%
22	24.897	3667	3678	3697	rBV2	394494	1250602	22.45%	4.365%
23	26.090	3872	3881	3890	rBV7	26565	74365	1.34%	0.260%

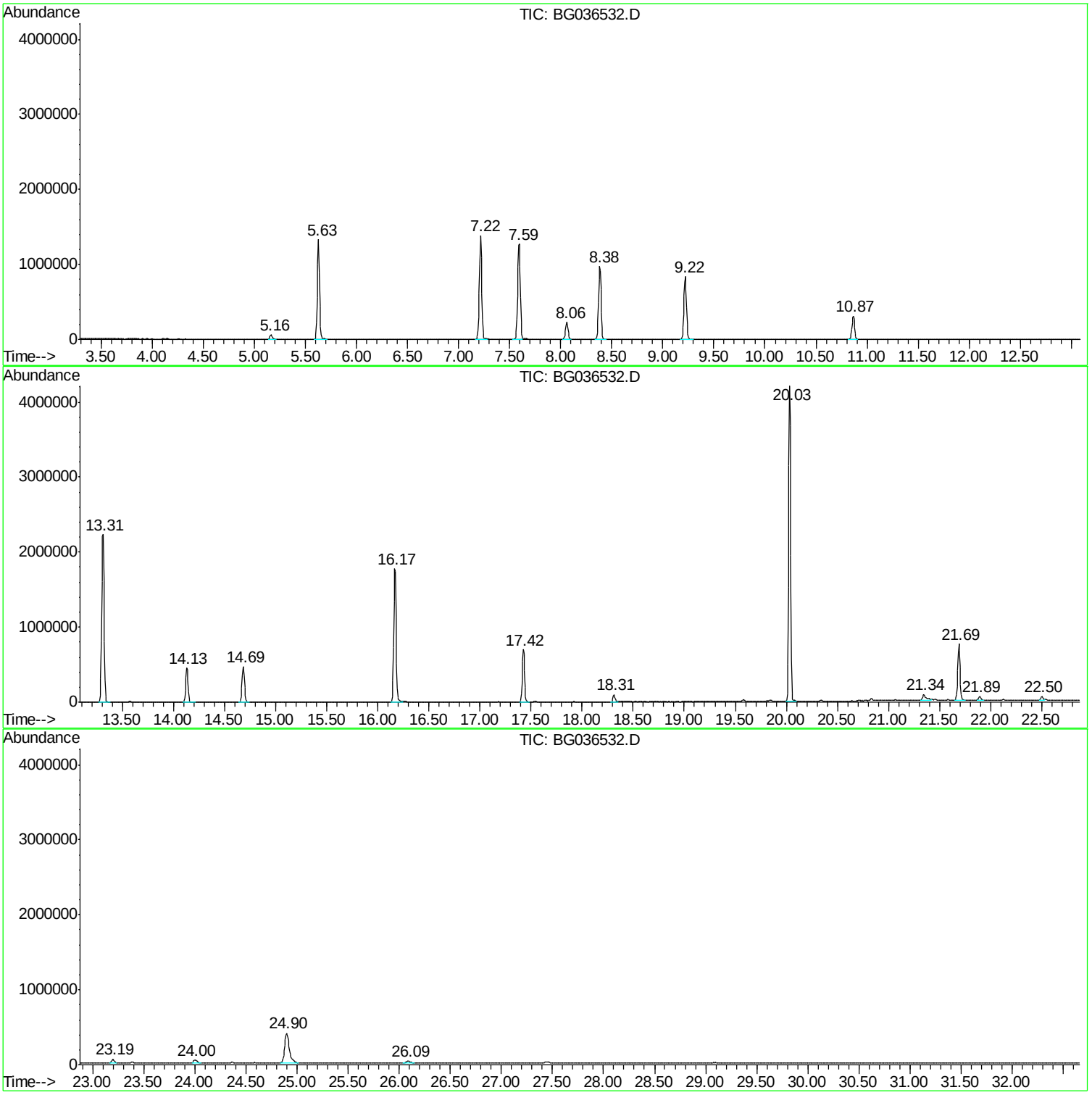
Sum of corrected areas: 28648804

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
Data File : BG036532.D
Acq On : 4 Sep 2018 15:13
Operator : JU/SJ
Sample : J4748-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
Data File : BG036532.D
Acq On : 4 Sep 2018 15:13
Operator : JU/SJ
Sample : J4748-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08

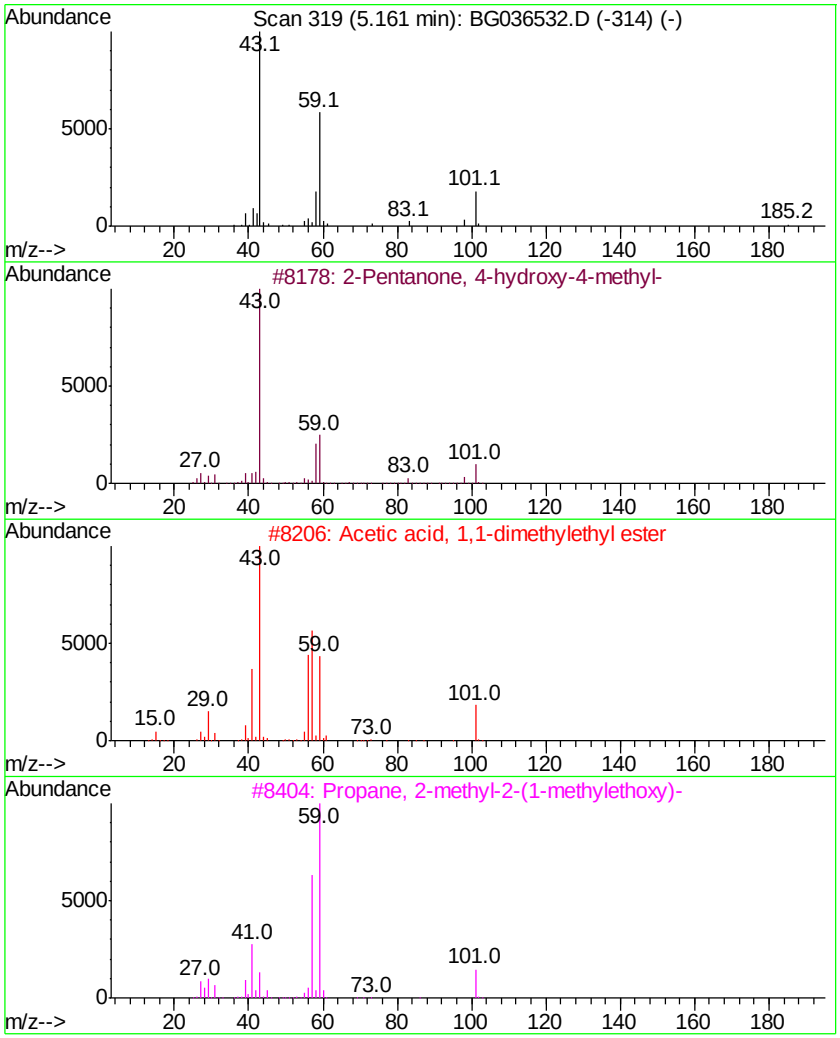
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

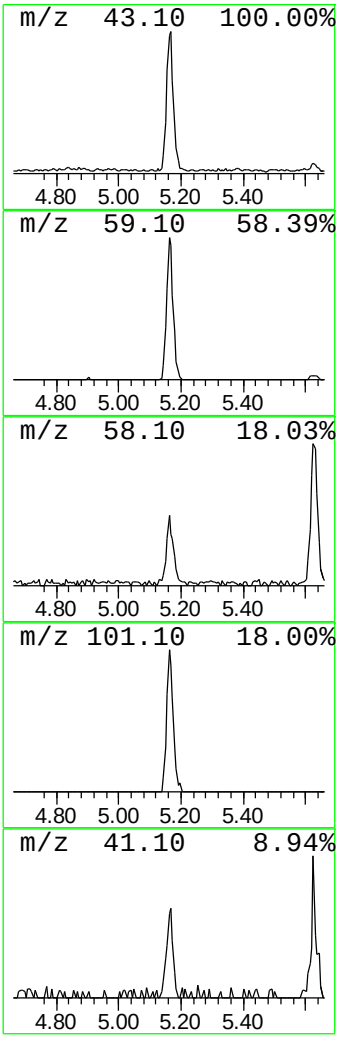
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	4.66 ng	89879	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Tetraglyme	222	C10H22O5	000143-24-8	28
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
Data File : BG036532.D
Acq On : 4 Sep 2018 15:13
Operator : JU/SJ
Sample : J4748-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

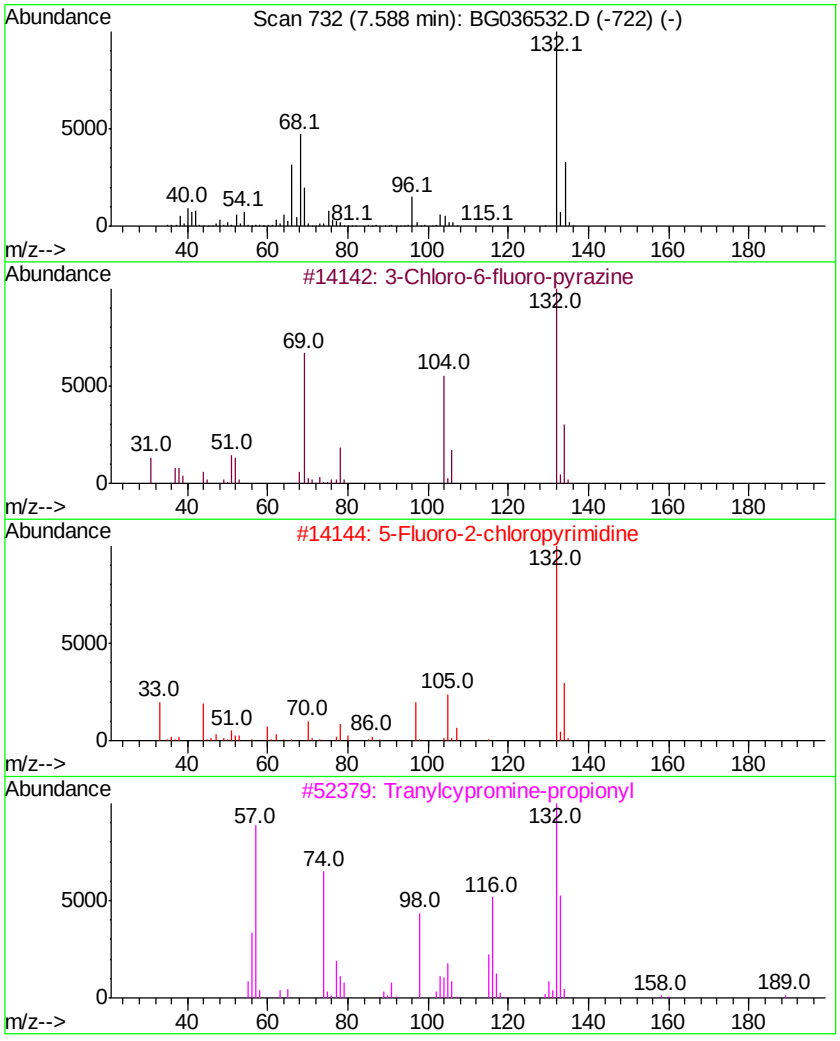
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

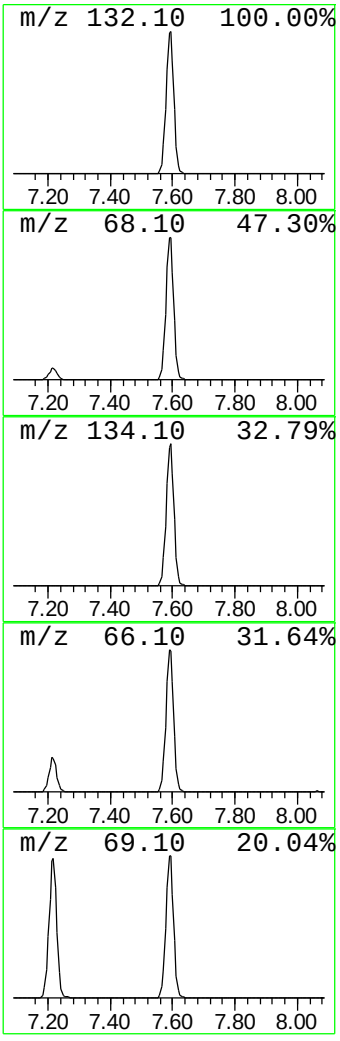
****

Peak Number 2 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	115.20 ng	2223680	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
Data File : BG036532.D
Acq On : 4 Sep 2018 15:13
Operator : JU/SJ
Sample : J4748-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

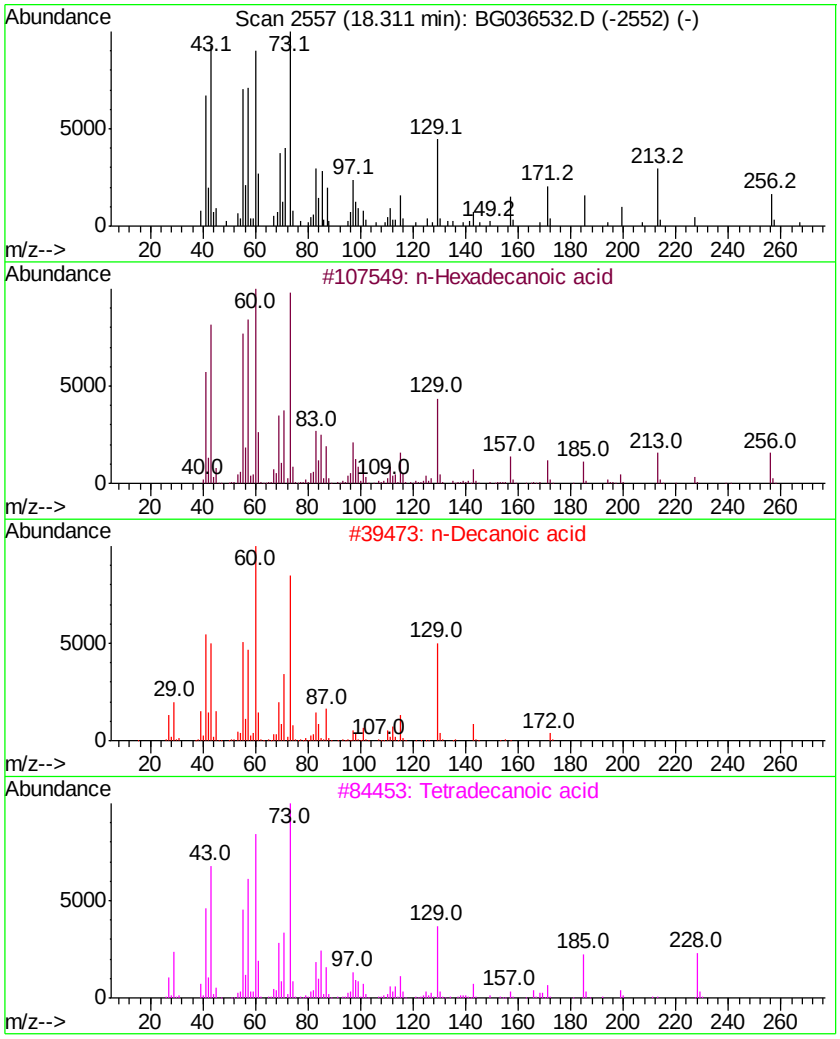
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

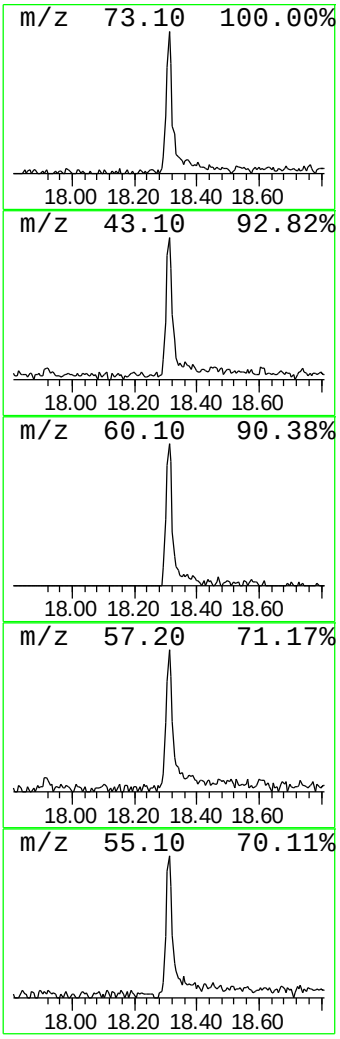
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.58 ng	137732	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	86
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	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
Data File : BG036532.D
Acq On : 4 Sep 2018 15:13
Operator : JU/SJ
Sample : J4748-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

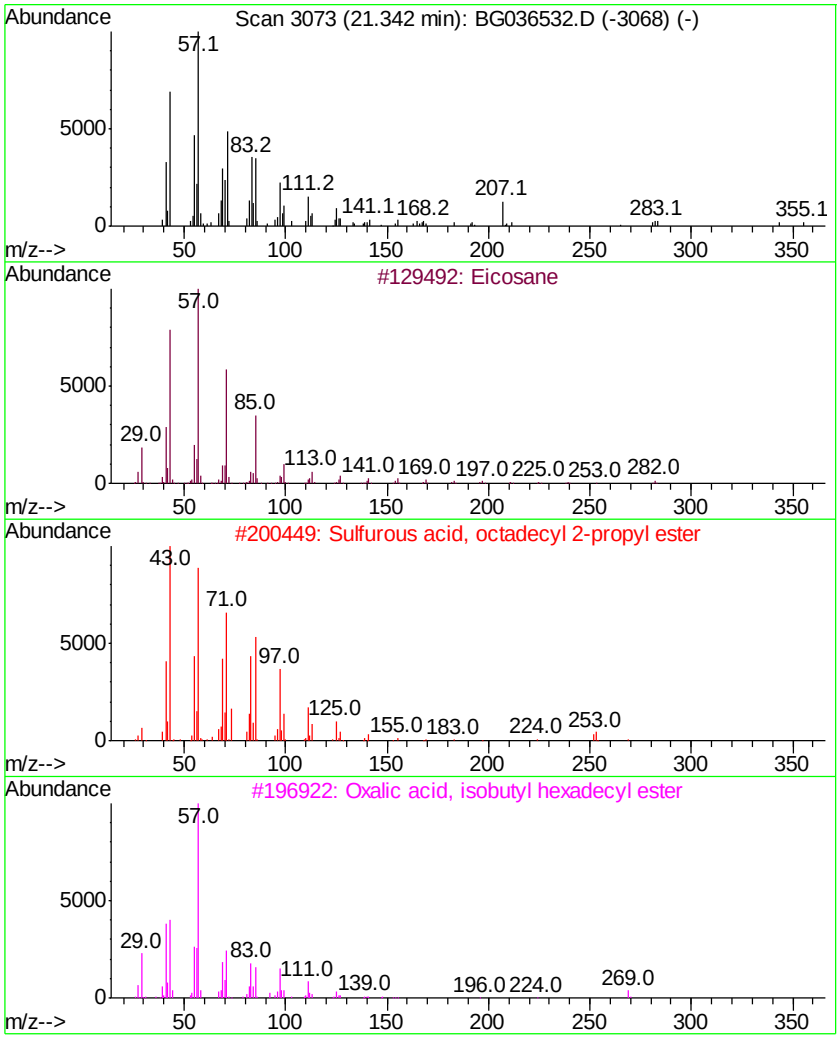
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

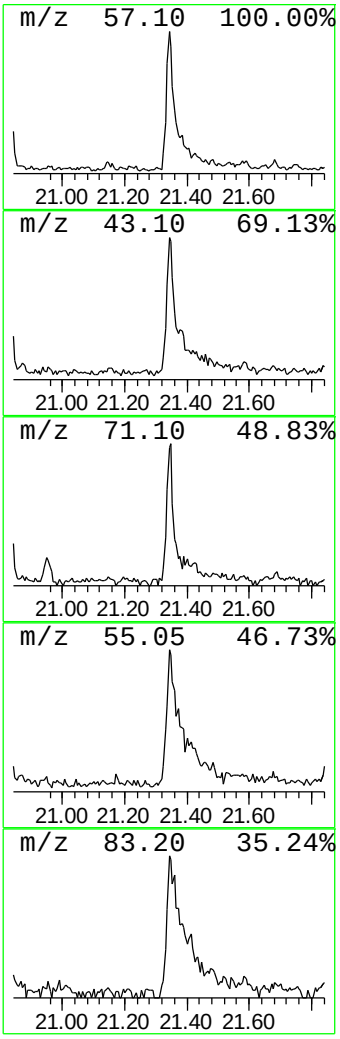
****

Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	3.60 ng	219962	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83
4	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	80
5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG090418\
Data File : BG036532.D
Acq On : 4 Sep 2018 15:13
Operator : JU/SJ
Sample : J4748-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.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
2-Pentanone, 4-hy...	5.16	4.7	ng	89879	1	8.06	386061	20.0
unknown7.59	7.59	115.2	ng	2223680	1	8.06	386061	20.0
n-Hexadecanoic acid	18.31	2.6	ng	137732	4	17.42	1066130	20.0
Eicosane	21.34	3.6	ng	219962	5	21.69	1223520	20.0