LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035513.D
Acq On : 29 Jun 2018 14:17
Operator : JU/SJ
Sample : J3745-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-8(60-62)

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-BG060718.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	5.176	314	321	329	rBV	47104	76499	2.76%	0.582%
2	5.640	393	400	411	rVB	551430	868432	31.33%	6.610%
3	7.226	662	670	682	rBV	588720	1028511	37.11%	7.828%
4	7.596	725	733	742	rBV	539638	927788	33.47%	7.062%
5	8.060	805	812	819	rBV	98283	168243	6.07%	1.281%
6	8.389	859	868	875	rBV	358719	634550	22.89%	4.830%
7	9.223	1002	1010	1021	rVB	339240	599855	21.64%	4.566%
8	10.868	1282	1290	1297	rBV	130078	234151	8.45%	1.782%
9	13.306	1698	1705	1720	rBV	954718	1492567	53.85%	11.360%
10	14.128	1838	1845	1854	rBV	180292	268083	9.67%	2.040%
11	14.680	1933	1939	1946	rVB2	244284	391397	14.12%	2.979%
12	16.167	2184	2192	2209	rBV	978506	1492656	53.85%	11.361%
13	16.378	2223	2228	2236	rBV2	16895	29118	1.05%	0.222%
14	17.424	2400	2406	2413	rBV2	383694	586678	21.17%	4.465%
15	18.305	2552	2556	2567	rBV2	53258	83688	3.02%	0.637%
16	20.032	2842	2850	2859	rBV	2028095	2771844	100.00%	21.097%
17	21.324	3065	3070	3078	rBV2	79383	133303	4.81%	1.015%
18	21.689	3126	3132	3139	rBV2	422751	701958	25.32%	5.343%
19	24.919	3671	3682	3691	rBV2	229159	649003	23.41%	4.940%

Sum of corrected areas: 13138324

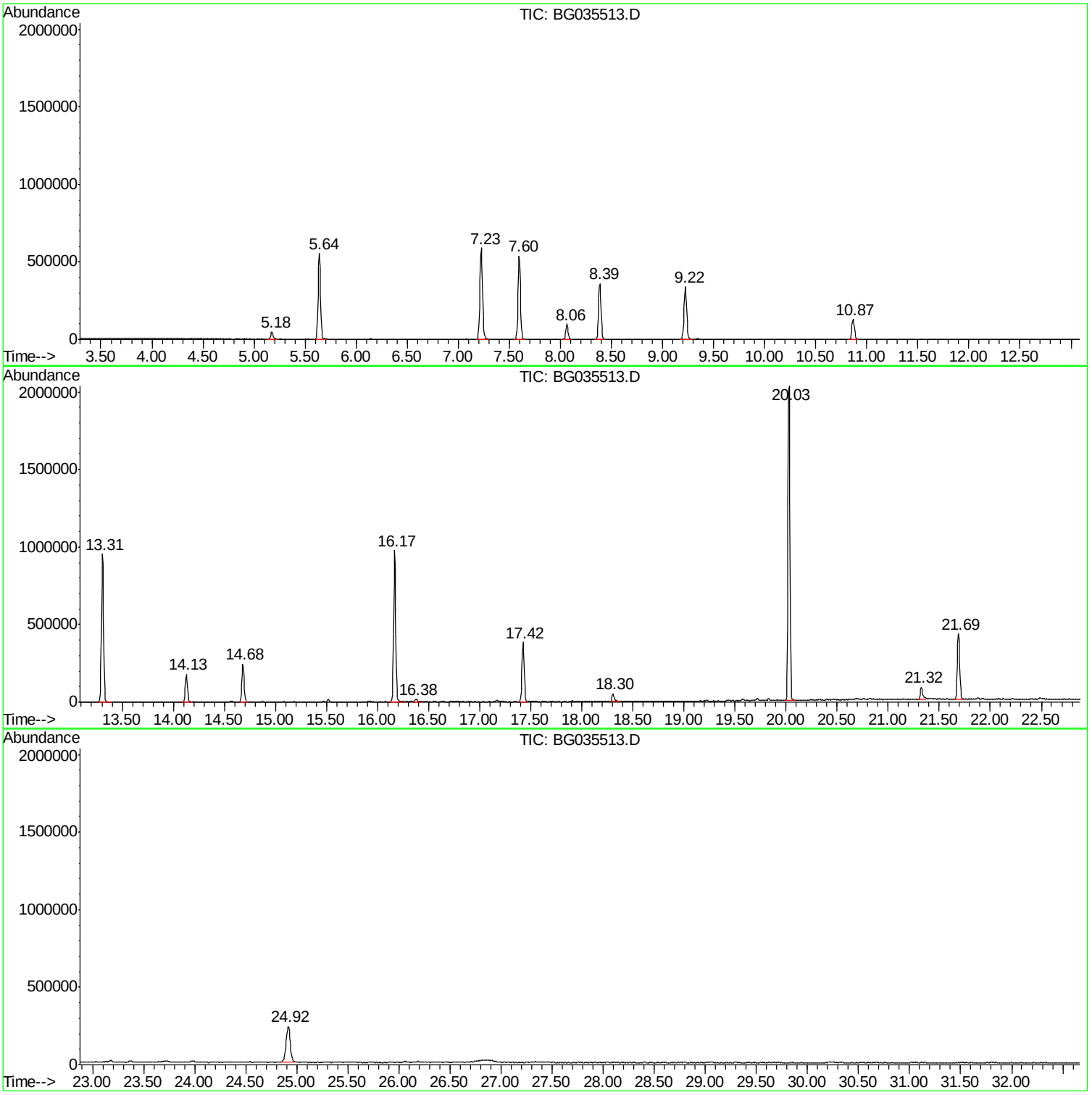
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035513.D
Acq On : 29 Jun 2018 14:17
Operator : JU/SJ
Sample : J3745-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(60-62)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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\BG062918\
Data File : BG035513.D
Acq On : 29 Jun 2018 14:17
Operator : JU/SJ
Sample : J3745-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-8(60-62)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

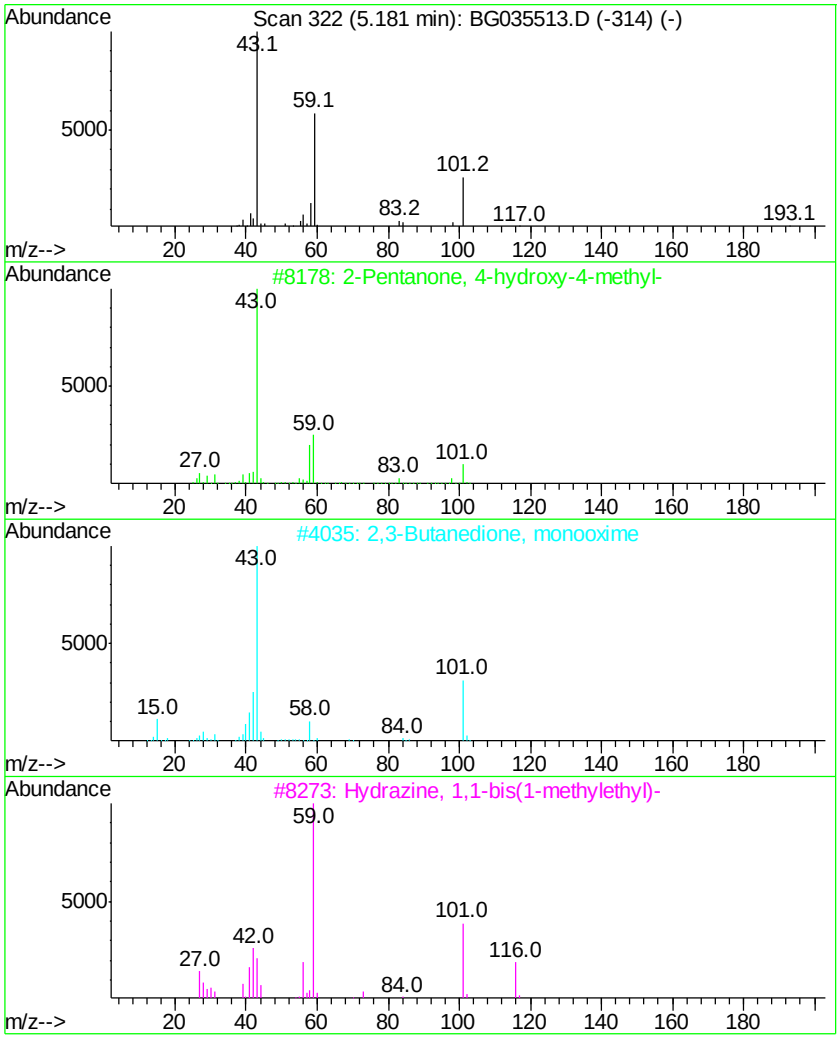
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

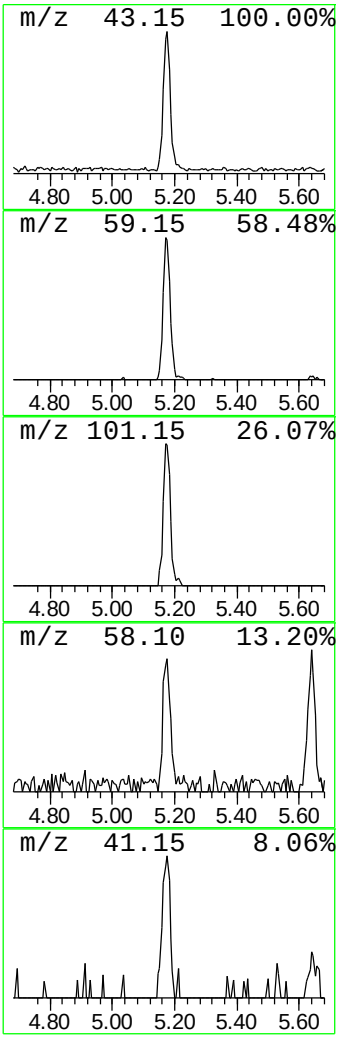
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	9.09 ng	76499	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	53
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	Propanoic acid, 3-nitro-, methyl...	133	C4H7NO4	020497-95-4	12
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035513.D
Acq On : 29 Jun 2018 14:17
Operator : JU/SJ
Sample : J3745-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-8(60-62)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

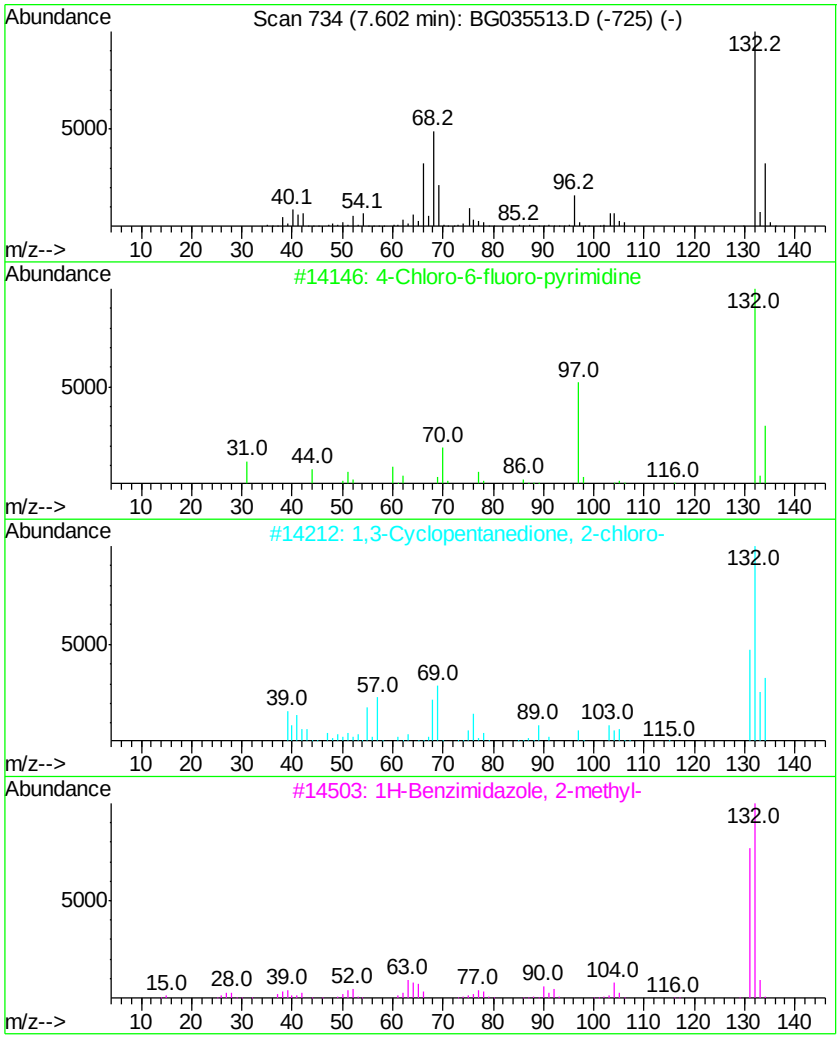
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

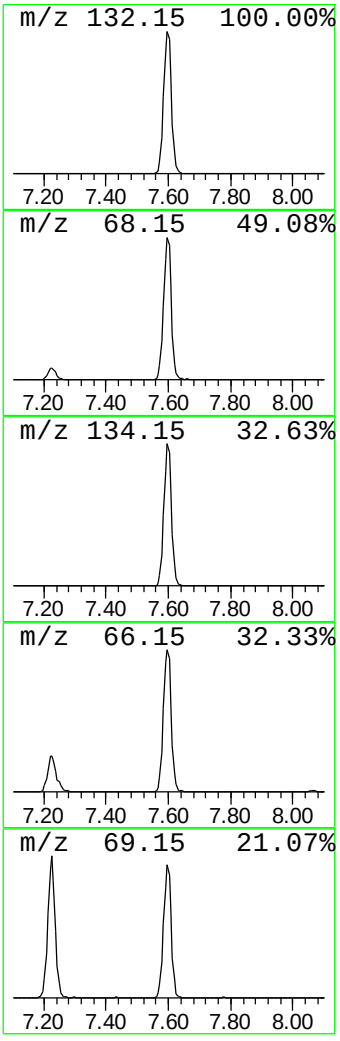
****

Peak Number 2 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	110.29 ng	927788	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035513.D
Acq On : 29 Jun 2018 14:17
Operator : JU/SJ
Sample : J3745-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-8(60-62)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

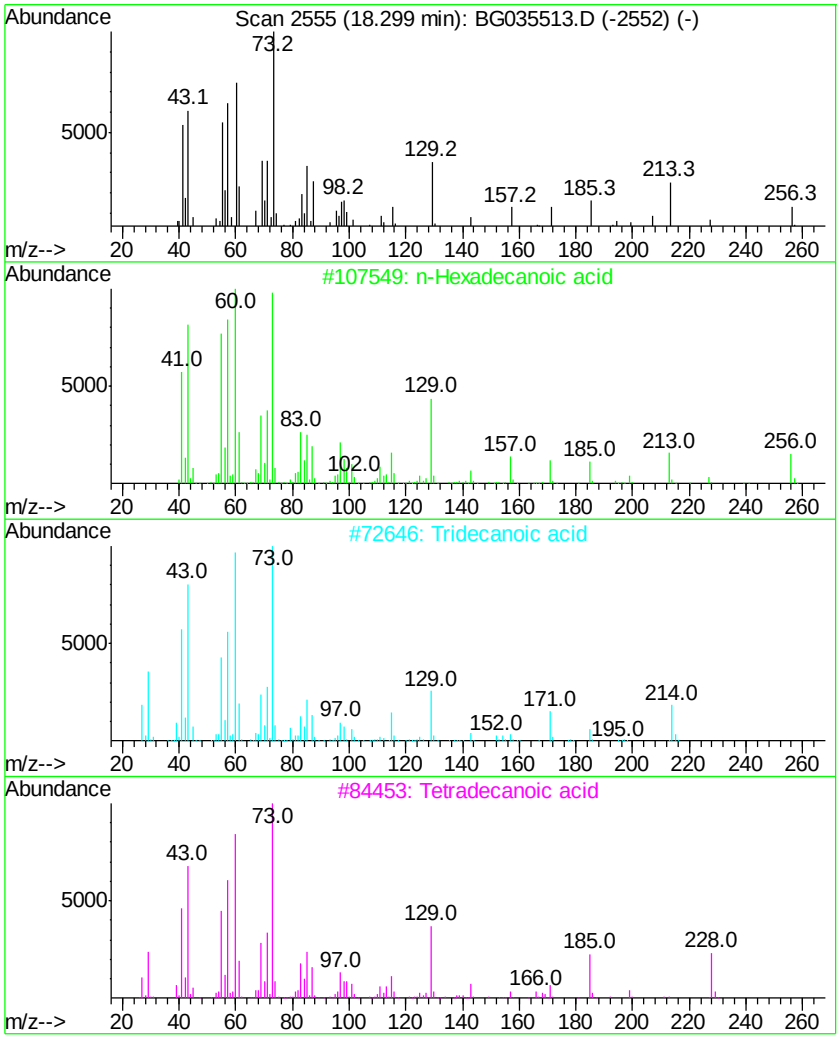
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

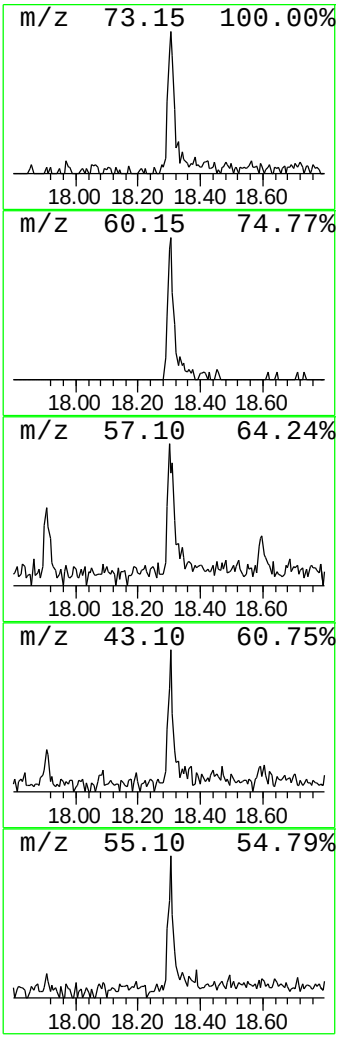
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.85 ng	83688	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
2	Tridecanoic acid	214	C13H26O2	000638-53-9	62
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035513.D
Acq On : 29 Jun 2018 14:17
Operator : JU/SJ
Sample : J3745-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-8(60-62)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

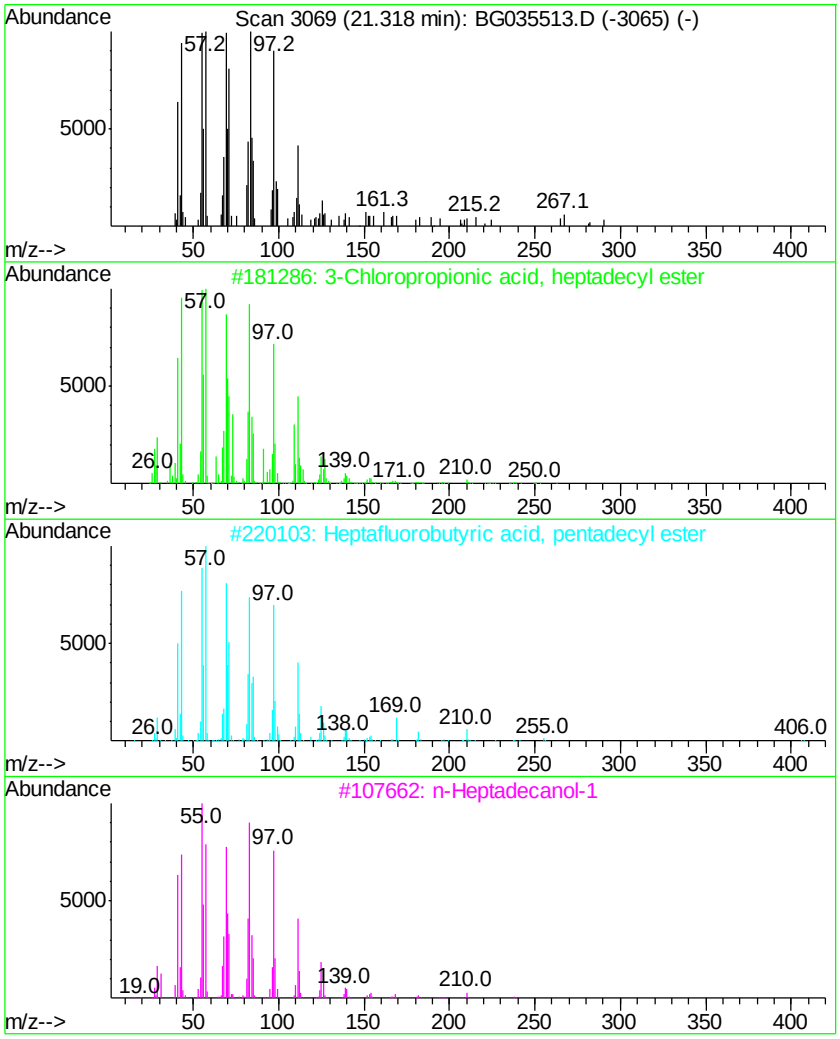
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

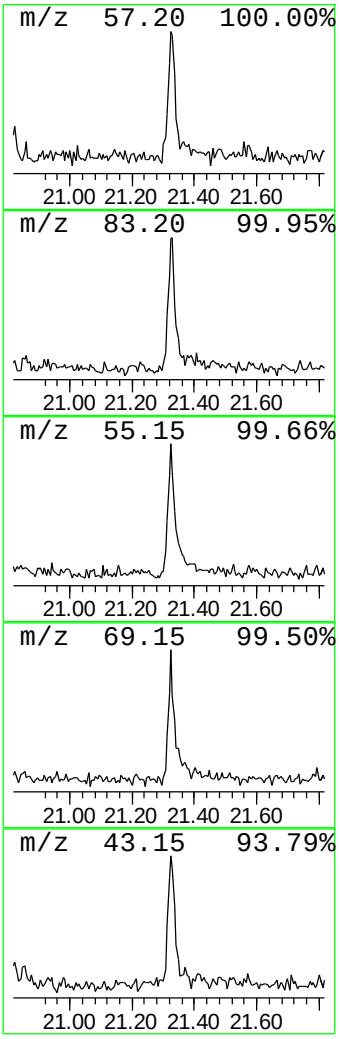
****

Peak Number 5 3-Chloropropionic acid, hep... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	3.80 ng	133303	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	87
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	74
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062918\
Data File : BG035513.D
Acq On : 29 Jun 2018 14:17
Operator : JU/SJ
Sample : J3745-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(60-62)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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...	5.18	9.1	ng	76499	1	8.06	168243	20.0
unknown7.60	7.60	110.3	ng	927788	1	8.06	168243	20.0
n-Hexadecanoic acid	18.30	2.9	ng	83688	4	17.42	586678	20.0
3-Chloropropionic...	21.32	3.8	ng	133303	5	21.69	701958	20.0