LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028623.D
Acq On : 9 Sep 2017 20:17
Operator : SJ/JU
Sample : I5187-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170542-FIELDBLANK-2

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-BG090717.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	5.445	310	316	322	rBV2	29309	47320	1.23%	0.236%
2	5.909	385	395	404	rBV	331239	556262	14.46%	2.776%
3	7.490	655	664	674	rBV	193109	367420	9.55%	1.834%
4	7.871	720	729	739	rBV	543822	981614	25.52%	4.899%
5	8.336	800	808	816	rVB2	109419	194879	5.07%	0.973%
6	8.659	853	863	874	rBV	487437	868112	22.57%	4.332%
7	9.505	999	1007	1019	rBV	394944	745259	19.38%	3.719%
8	11.156	1280	1288	1299	rVB	143082	269645	7.01%	1.346%
9	13.565	1691	1698	1708	rVB	1218357	1882934	48.95%	9.396%
10	14.945	1924	1933	1944	rVB2	239384	412177	10.72%	2.057%
11	16.438	2175	2187	2196	rBV	1130088	1814890	47.19%	9.057%
12	17.695	2393	2401	2408	rBV2	371768	590102	15.34%	2.945%
13	19.957	2782	2786	2795	rBV	150400	183873	4.78%	0.918%
14	20.280	2835	2841	2847	rBV	2997832	3846266	100.00%	19.194%
15	20.950	2943	2955	2970	rBV	898143	2728799	70.95%	13.618%
16	21.056	2970	2973	2982	rVB	182823	250913	6.52%	1.252%
17	22.025	3130	3138	3146	rVB	433575	757222	19.69%	3.779%
18	22.108	3146	3152	3157	rBV	151173	266311	6.92%	1.329%
19	23.565	3391	3400	3418	rBV	1225295	2525940	65.67%	12.605%
20	25.527	3723	3734	3746	rVB2	234881	748764	19.47%	3.737%

Sum of corrected areas: 20038702

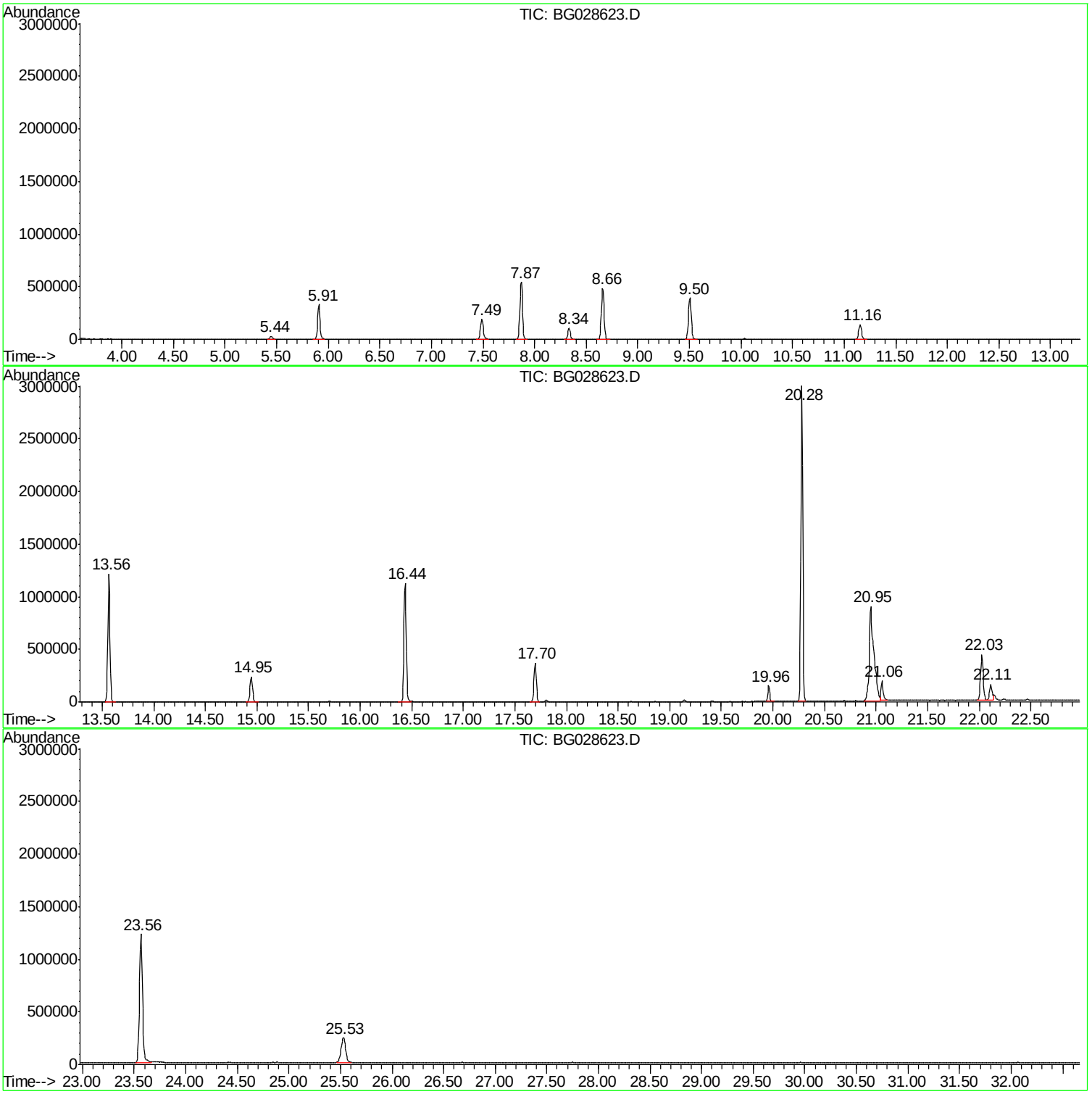
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028623.D
Acq On : 9 Sep 2017 20:17
Operator : SJ/JU
Sample : I5187-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20170542-FIELDBLANK-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG090717.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028623.D
Acq On : 9 Sep 2017 20:17
Operator : SJ/JU
Sample : I5187-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170542-FIELDBLANK-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

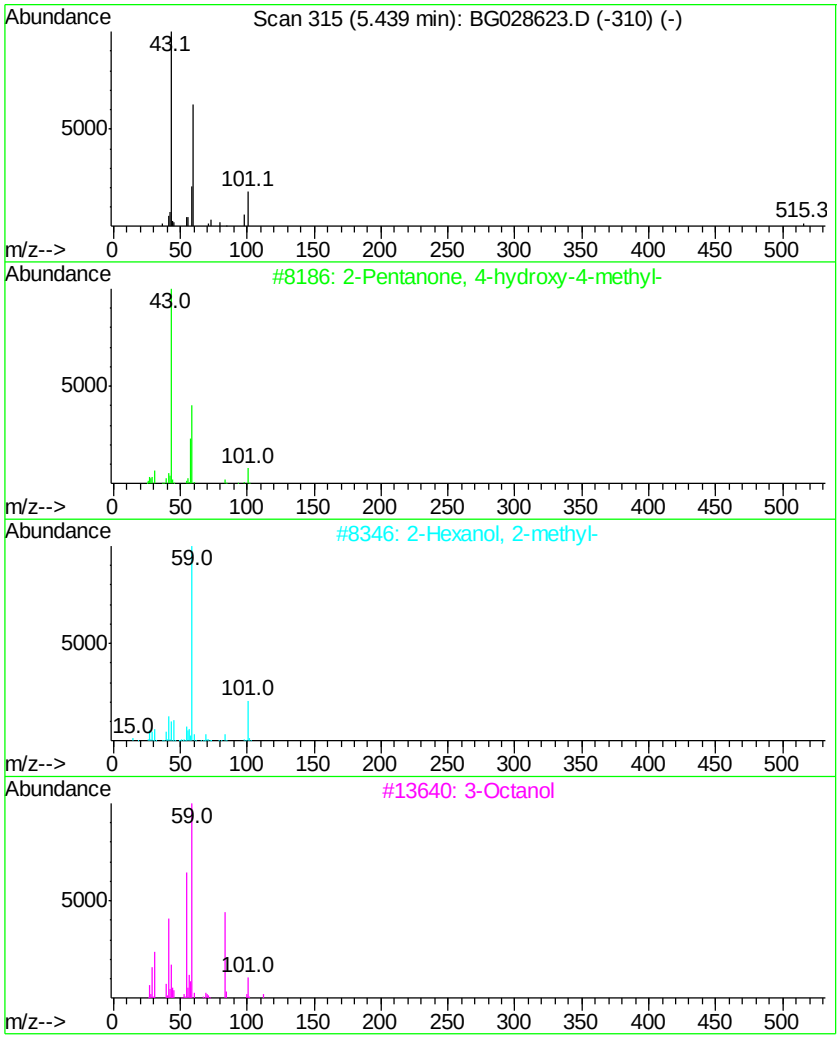
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

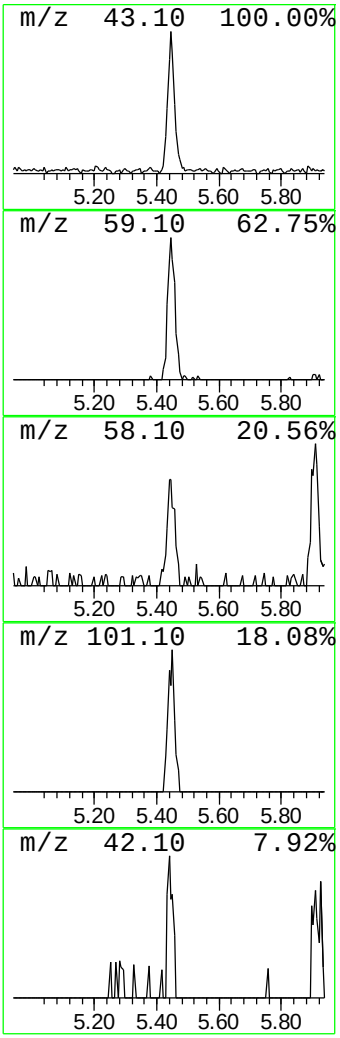
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	4.86 ng	47320	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	3-Octanol	130	C8H18O	000589-98-0	25
4	5-Hexen-2-one	98	C6H10O	000109-49-9	14
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028623.D
Acq On : 9 Sep 2017 20:17
Operator : SJ/JU
Sample : I5187-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170542-FIELDBLANK-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

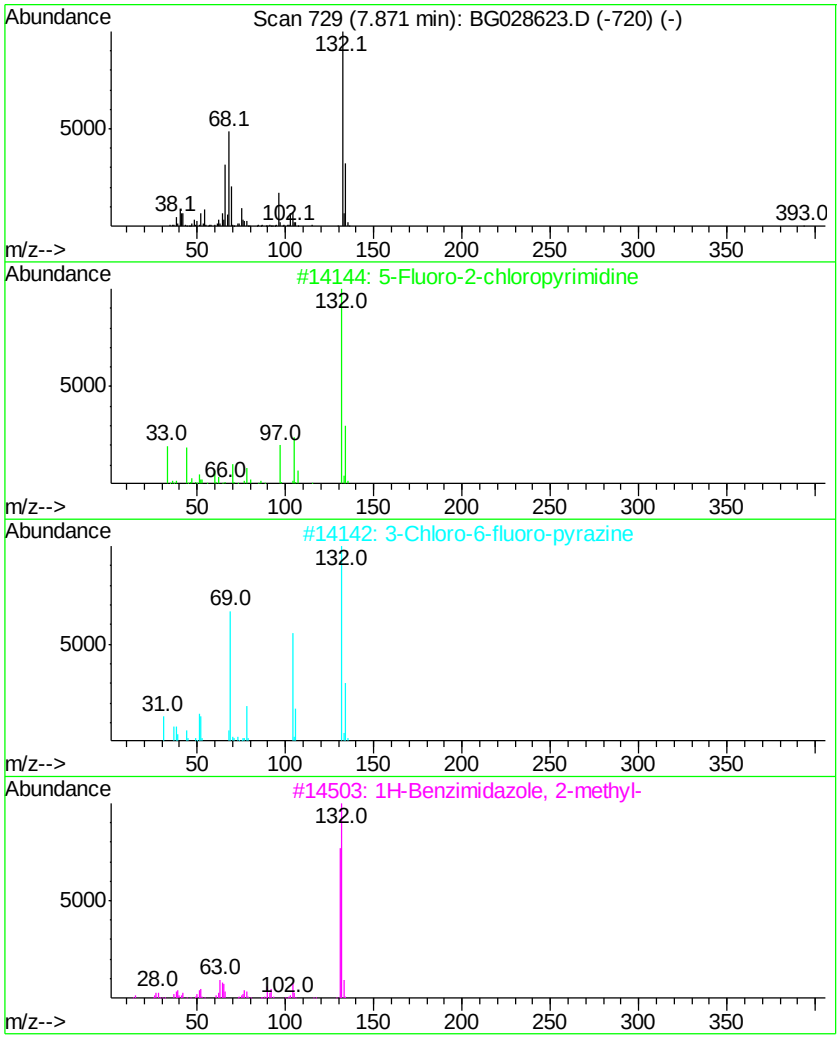
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

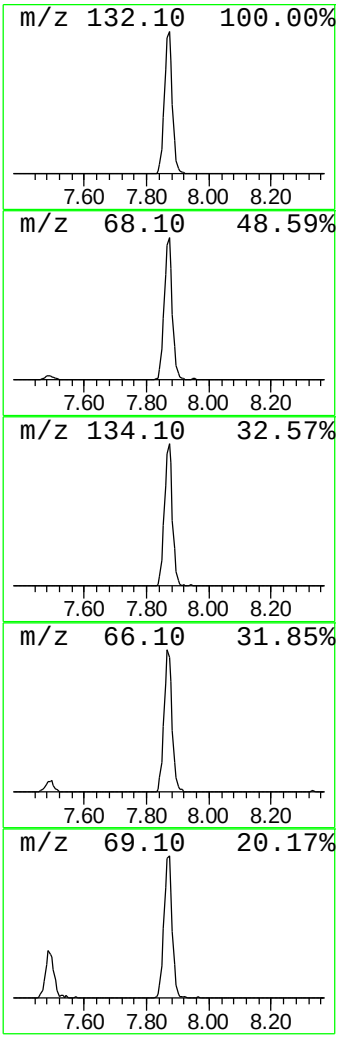
****

Peak Number 2 unknown7.87 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	100.74 ng	981614	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028623.D
Acq On : 9 Sep 2017 20:17
Operator : SJ/JU
Sample : I5187-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170542-FIELDBLANK-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

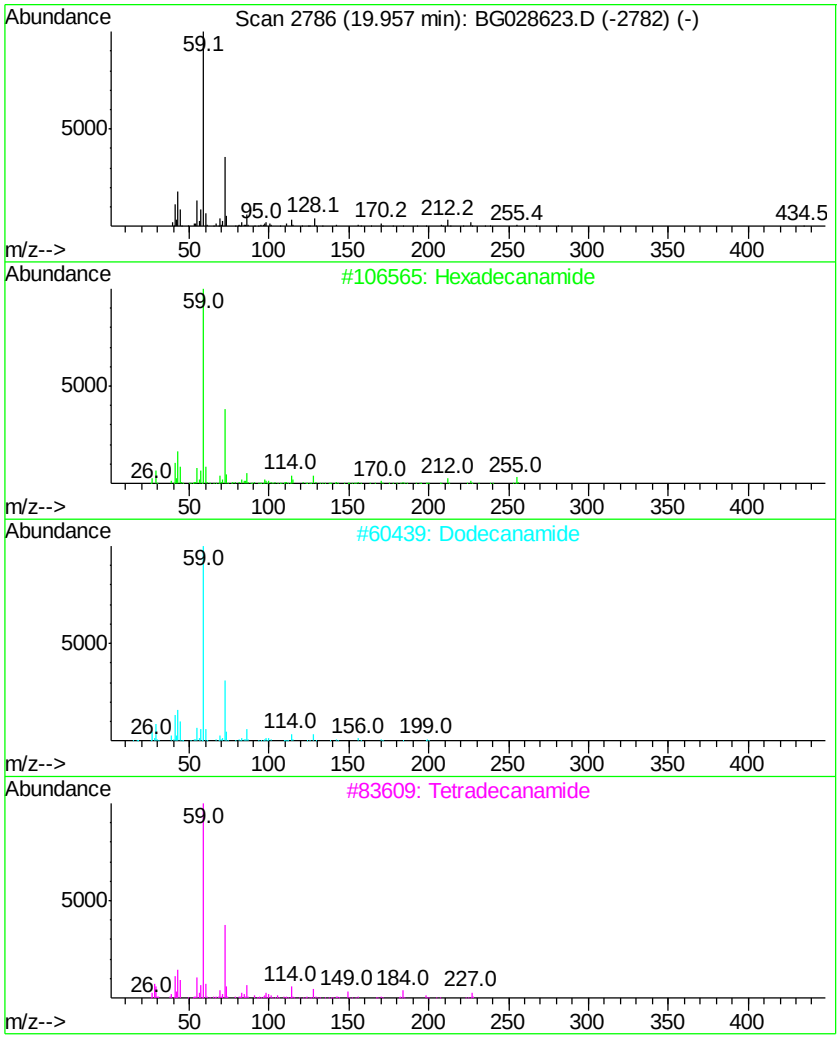
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

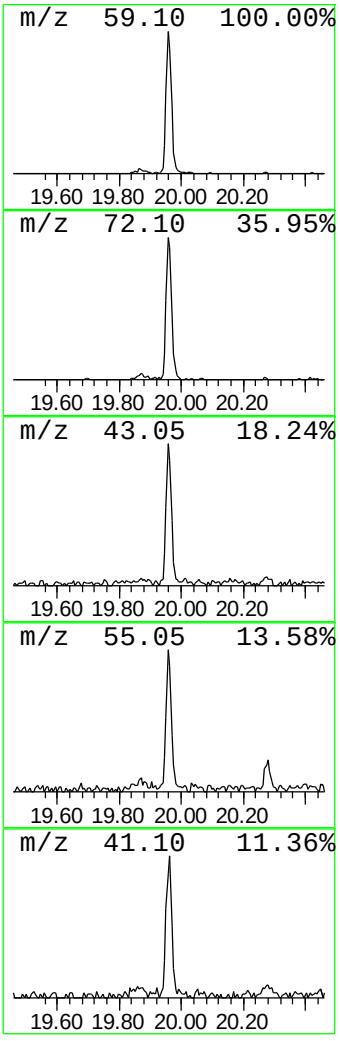
****

Peak Number 4 Hexadecanamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	4.86 ng	183873	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	91
2	Dodecanamide	199	C12H25NO	001120-16-7	86
3	Tetradecanamide	227	C14H29NO	000638-58-4	86
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	64
5	Pentanamide	101	C5H11NO	000626-97-1	59





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028623.D
Acq On : 9 Sep 2017 20:17
Operator : SJ/JU
Sample : I5187-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170542-FIELDBLANK-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

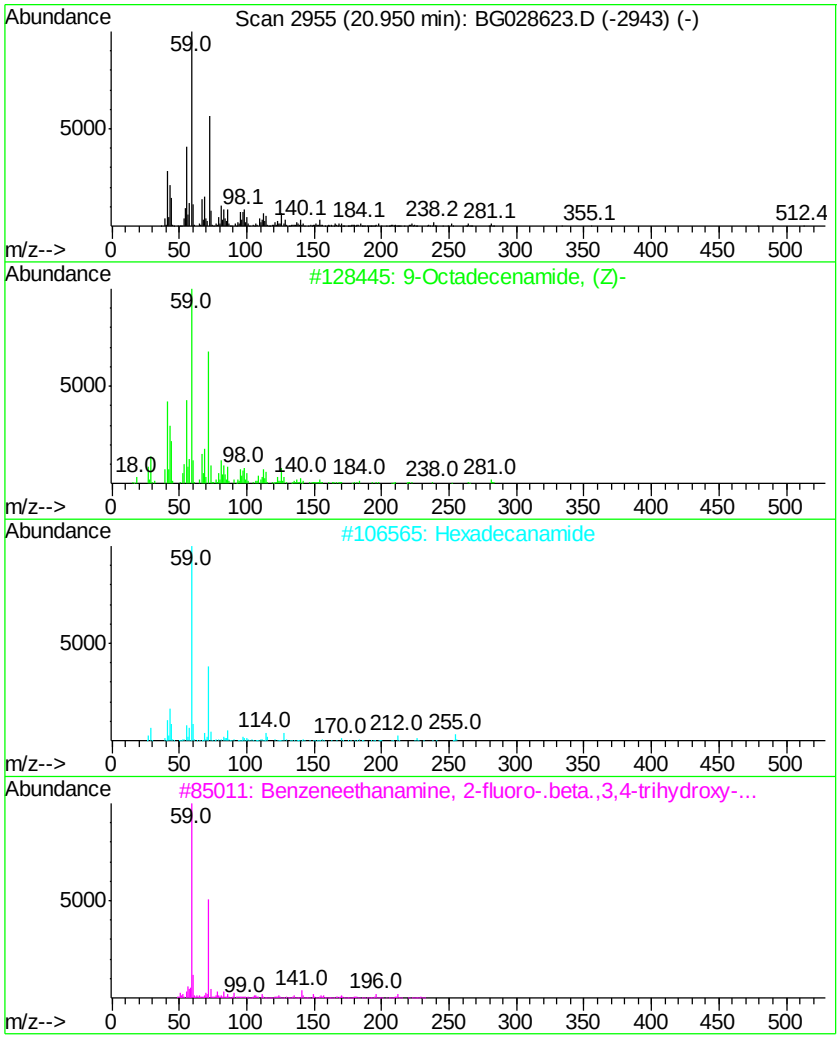
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

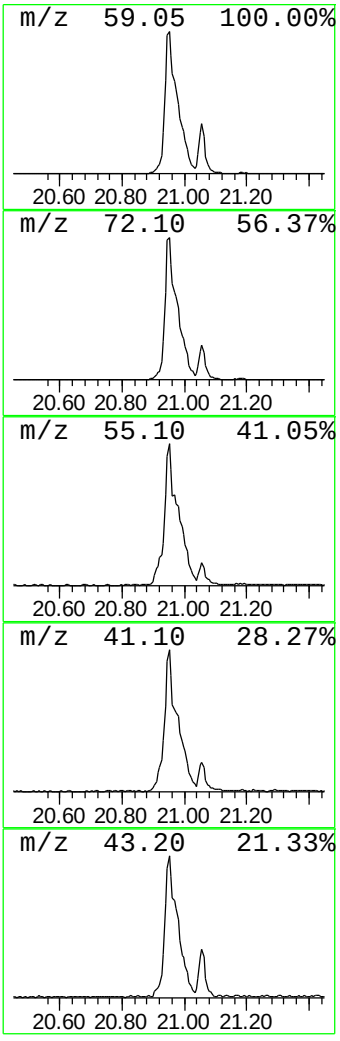
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	72.07 ng	2728800	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Hexadecanamide	255	C16H33NO	000629-54-9	59
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	53
4	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50
5	2,2-Dimethyl-tetrahydro-[1,3]dio...	190	C8H14O5	1000194-40-4	49





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028623.D
Acq On : 9 Sep 2017 20:17
Operator : SJ/JU
Sample : I5187-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170542-FIELDBLANK-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

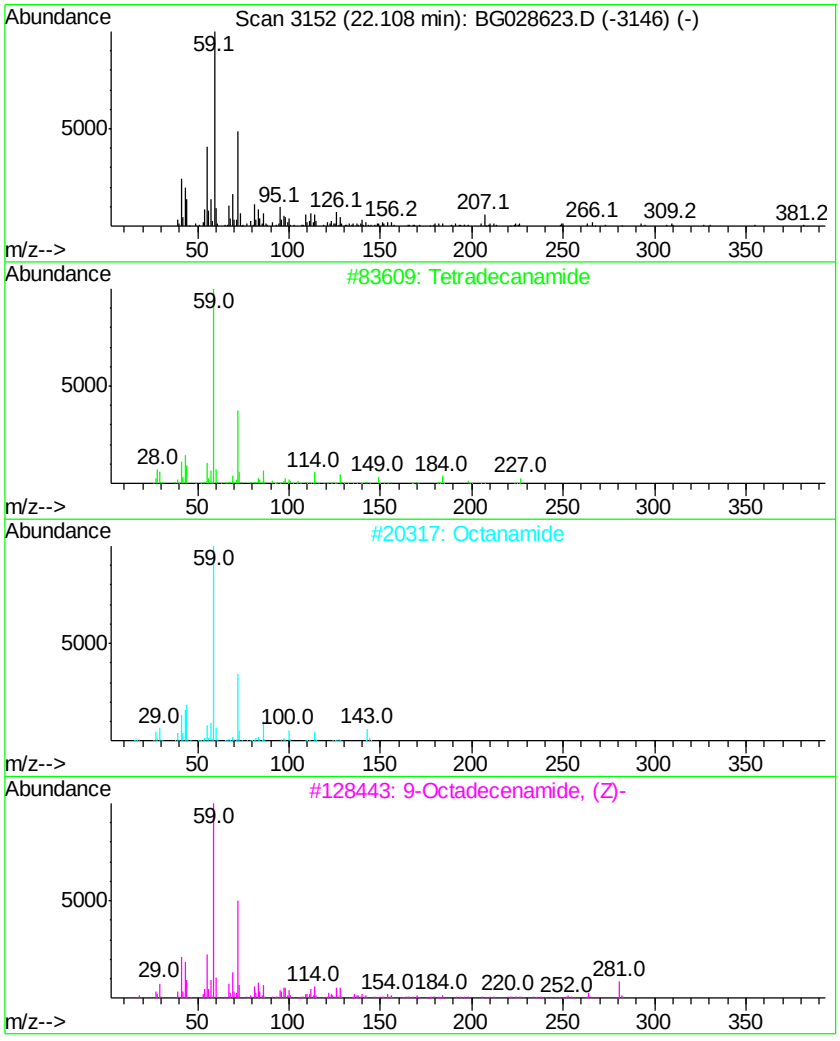
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

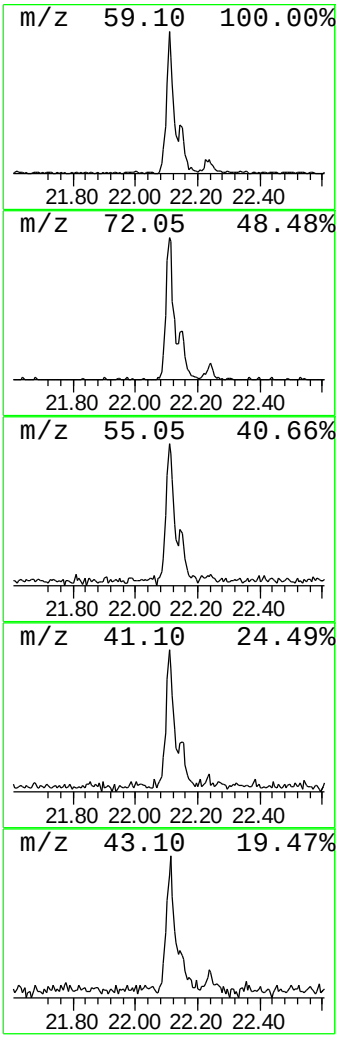
****

Peak Number 7 Tetradecanamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	7.03 ng	266311	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	72
2	Octanamide	143	C8H17NO	000629-01-6	72
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
4	Hexadecanamide	255	C16H33NO	000629-54-9	72
5	3-Hydroxy-3-methyl-butyric acid,...	132	C5H12N2O2	1000193-80-2	59





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028623.D
Acq On : 9 Sep 2017 20:17
Operator : SJ/JU
Sample : I5187-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170542-FIELDBLANK-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

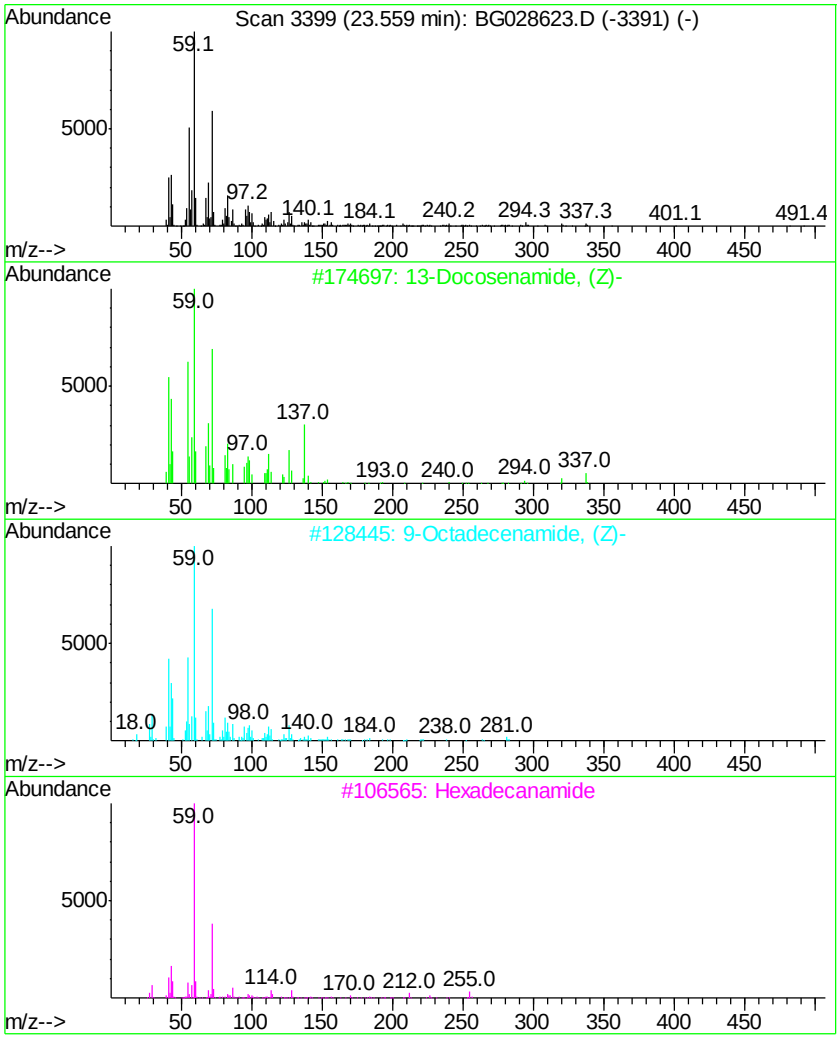
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

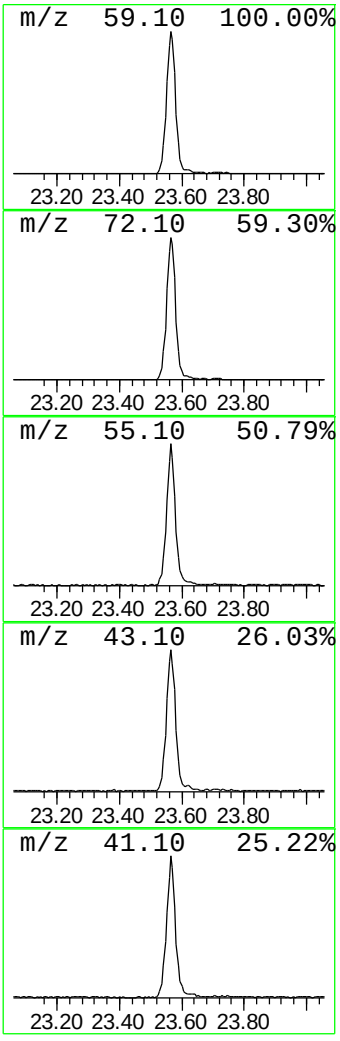
****

Peak Number 8 13-Docosenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.56	66.72 ng	2525940	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
3	Hexadecanamide	255	C16H33NO	000629-54-9	78
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59
5	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	43





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG091017\
Data File : BG028623.D
Acq On : 9 Sep 2017 20:17
Operator : SJ/JU
Sample : I5187-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170542-FIELDBLANK-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG090717.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...	5.44	4.9	ng	47320	1	8.34	194879	20.0
unknown7.87	7.87	100.7	ng	981614	1	8.34	194879	20.0
Hexadecanamide	19.96	4.9	ng	183873	5	22.03	757222	20.0
9-Octadecenamide,...	20.95	72.1	ng	2728800	5	22.03	757222	20.0
Tetradecanamide	22.11	7.0	ng	266311	5	22.03	757222	20.0
13-Docosenamide, ...	23.56	66.7	ng	2525940	5	22.03	757222	20.0