LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041035.D
Acq On : 3 Jun 2019 15:37
Operator : HP/JU
Sample : K3040-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0445-FIELD-BLANK-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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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	3.129	3	7	15	rVV	309082	561560	9.95%	1.634%
2	3.206	15	20	35	rVB	1521254	2247251	39.80%	6.540%
3	5.186	350	357	363	rBV2	39502	66508	1.18%	0.194%
4	5.650	426	436	445	rBV	596246	983149	17.41%	2.861%
5	7.260	702	710	721	rBV	417504	720689	12.76%	2.097%
6	7.642	766	775	784	rBV	1079310	1861078	32.96%	5.416%
7	8.118	849	856	866	rBV	240035	409900	7.26%	1.193%
8	8.441	904	911	919	rBV	902603	1536821	27.22%	4.473%
9	9.299	1049	1057	1065	rBV	846055	1516370	26.86%	4.413%
10	10.938	1330	1336	1345	rBV	311287	567773	10.06%	1.652%
11	13.376	1743	1751	1759	rBV	2217632	3476390	61.57%	10.117%
12	14.751	1978	1985	1998	rVB2	527768	859874	15.23%	2.502%
13	16.232	2230	2237	2255	rBV	1792981	2922203	51.75%	8.504%
14	17.495	2445	2452	2462	rBV	740659	1107957	19.62%	3.224%
15	19.775	2835	2840	2852	rBV	272074	332349	5.89%	0.967%
16	20.092	2887	2894	2903	rBV	4271765	5646300	100.00%	16.432%
17	20.245	2915	2920	2925	rBV	294544	356772	6.32%	1.038%
18	20.756	2996	3007	3021	rBV	1688281	4489680	79.52%	13.066%
19	20.856	3021	3024	3042	rVB	355580	547766	9.70%	1.594%
20	21.772	3173	3180	3188	rBV	746312	1271070	22.51%	3.699%
21	21.866	3190	3196	3201	rBV	188039	366657	6.49%	1.067%
22	23.259	3424	3433	3452	rBV	502275	1132507	20.06%	3.296%
23	24.075	3567	3572	3583	rVB2	40857	94119	1.67%	0.274%
24	25.109	3733	3748	3766	rVB3	409626	1286183	22.78%	3.743%

Sum of corrected areas: 34360926

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
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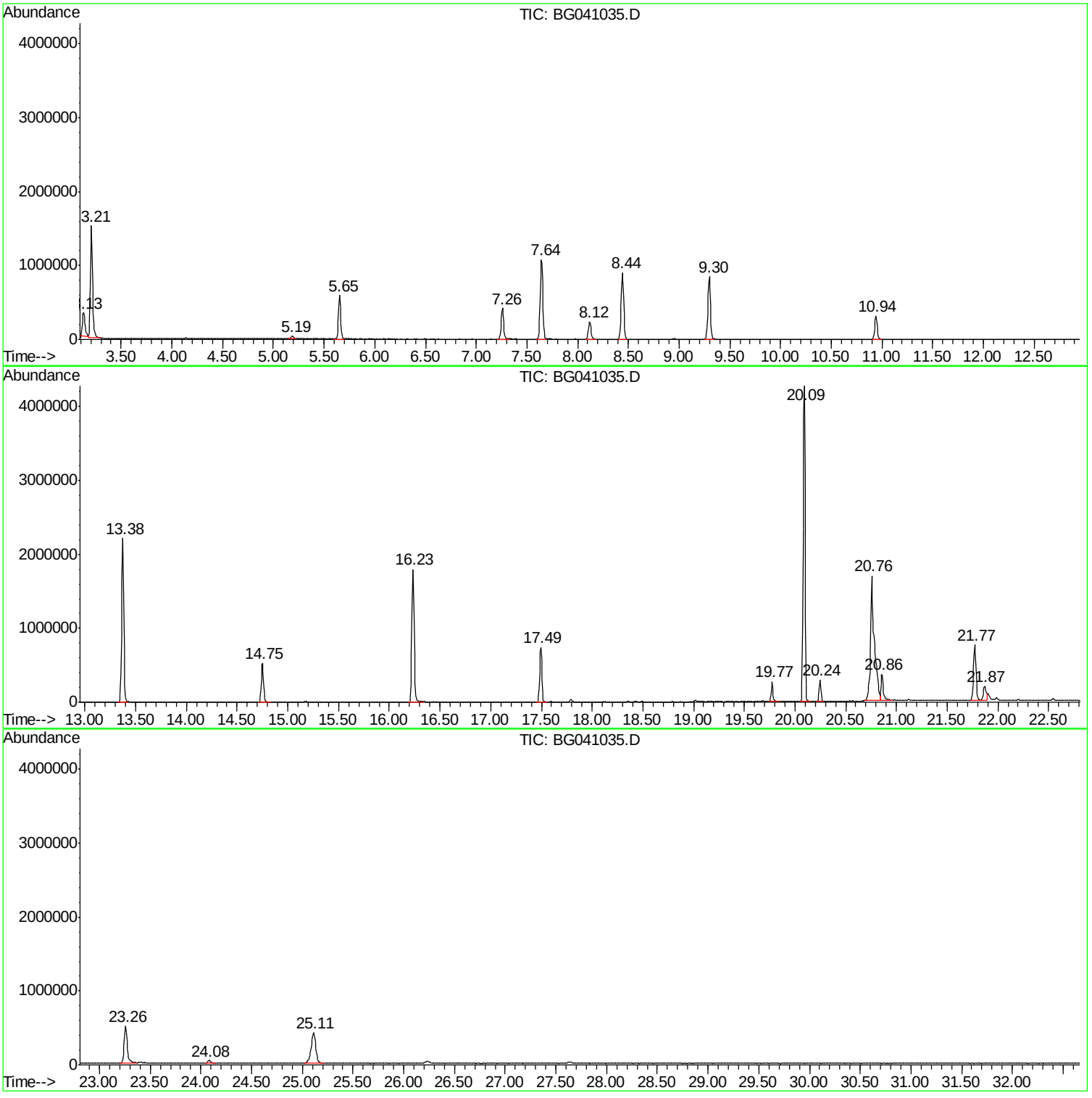
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0445-FIELD-BLANK-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041035.D
Acq On : 3 Jun 2019 15:37
Operator : HP/JU
Sample : K3040-02
Misc :
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Instrument : BNA_G
ClientSampleId : 0445-FIELD-BLANK-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

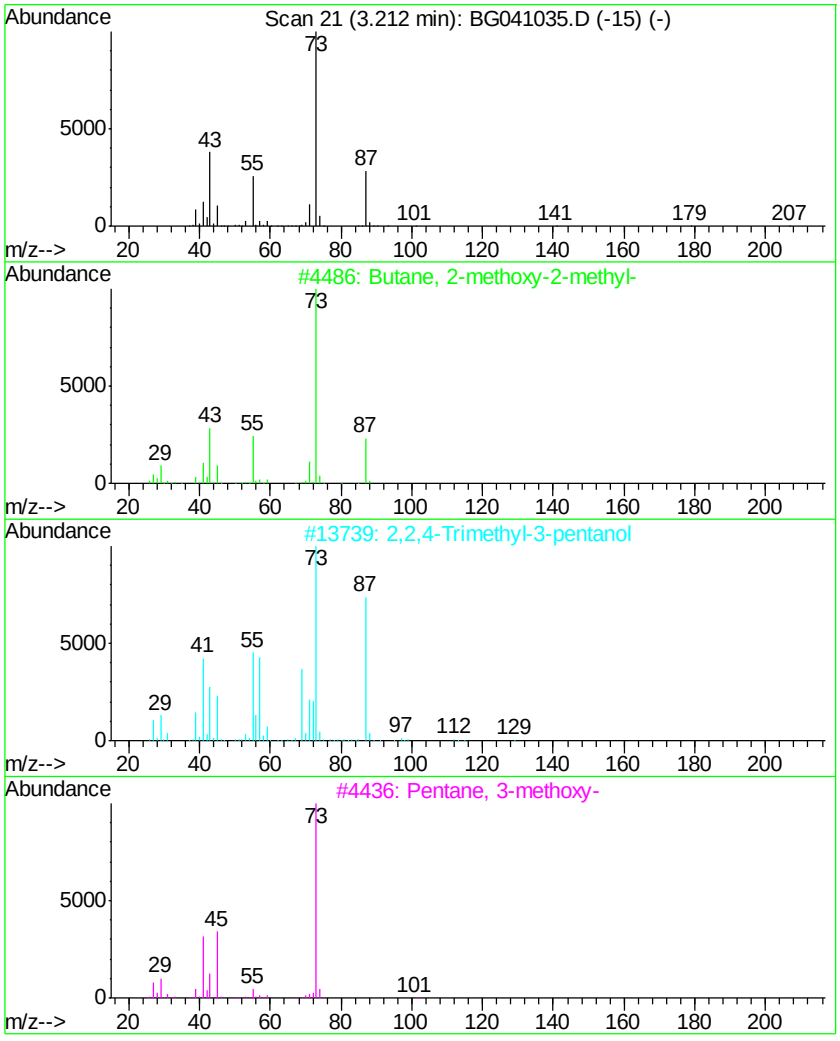
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

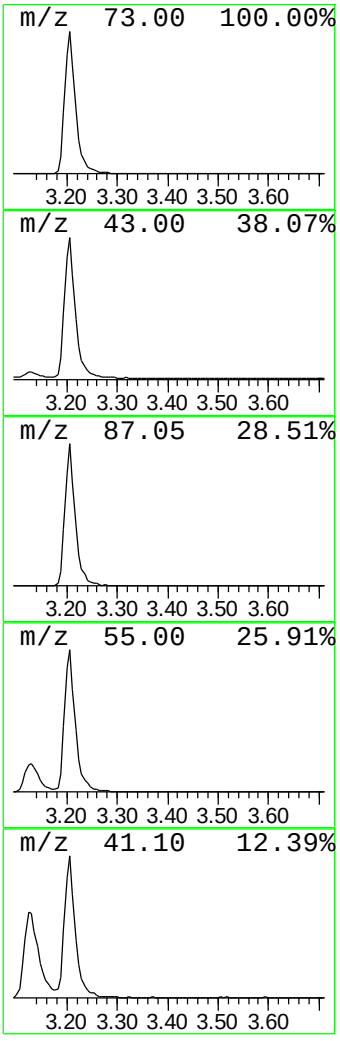
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	109.65 ng	2247250	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041035.D
Acq On : 3 Jun 2019 15:37
Operator : HP/JU
Sample : K3040-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0445-FIELD-BLANK-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

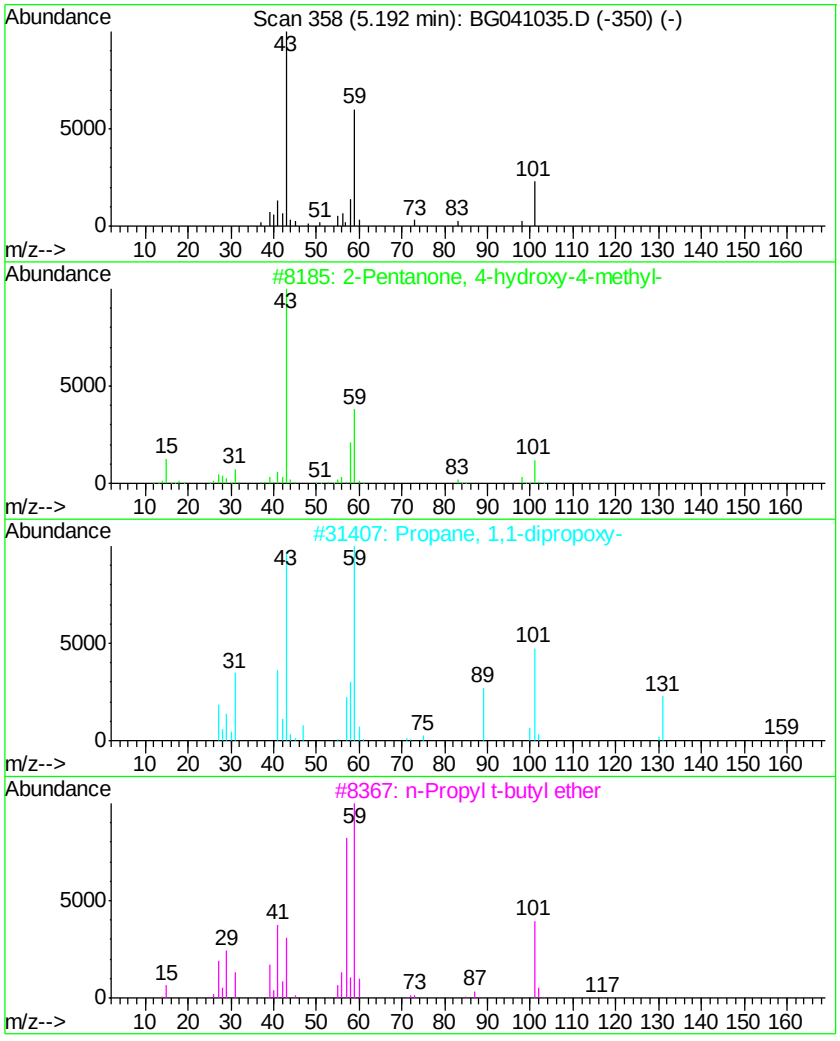
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

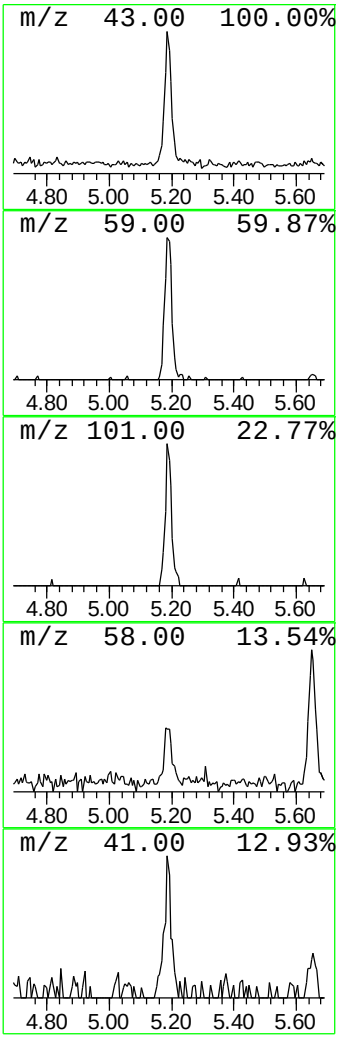
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.25 ng	66508	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	36
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	25
5	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041035.D
Acq On : 3 Jun 2019 15:37
Operator : HP/JU
Sample : K3040-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0445-FIELD-BLANK-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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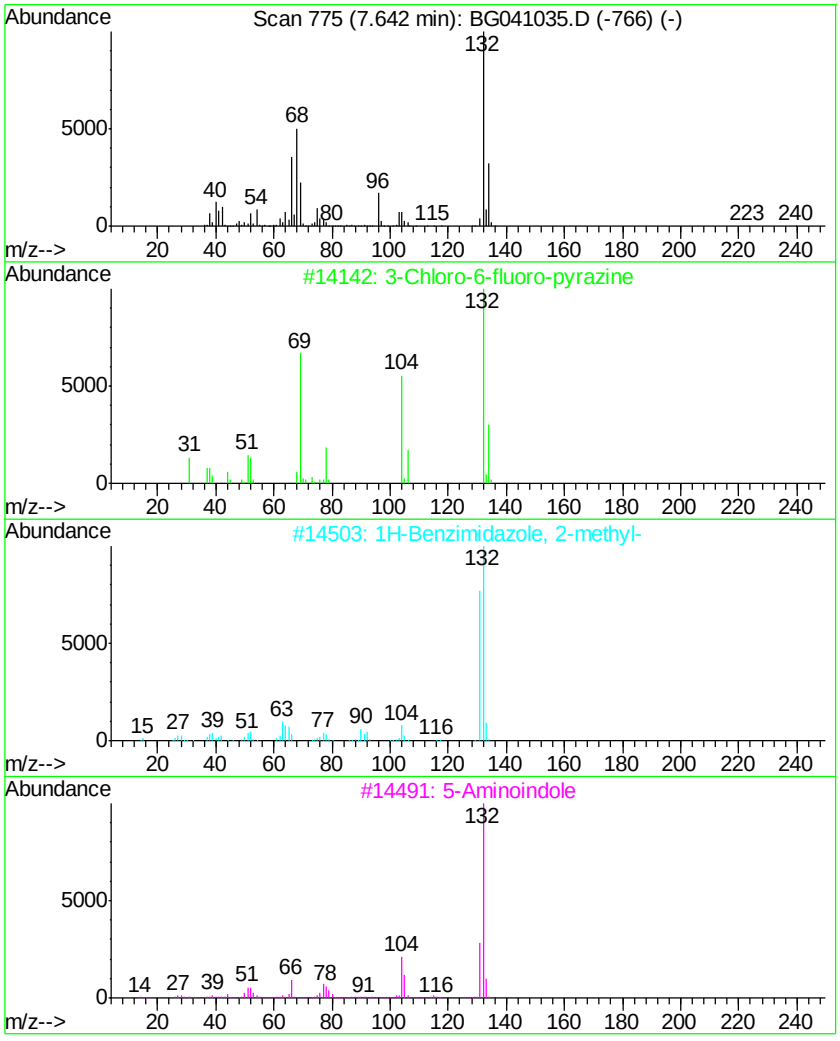
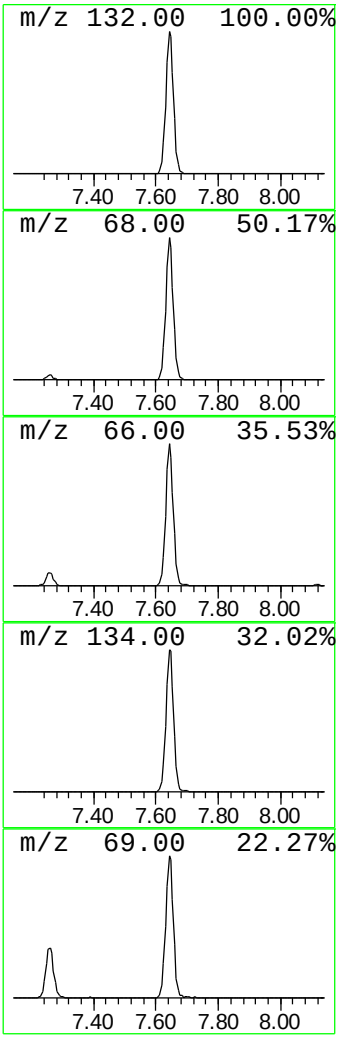
****

Peak Number 4 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	90.81 ng	1861080	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041035.D
Acq On : 3 Jun 2019 15:37
Operator : HP/JU
Sample : K3040-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0445-FIELD-BLANK-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

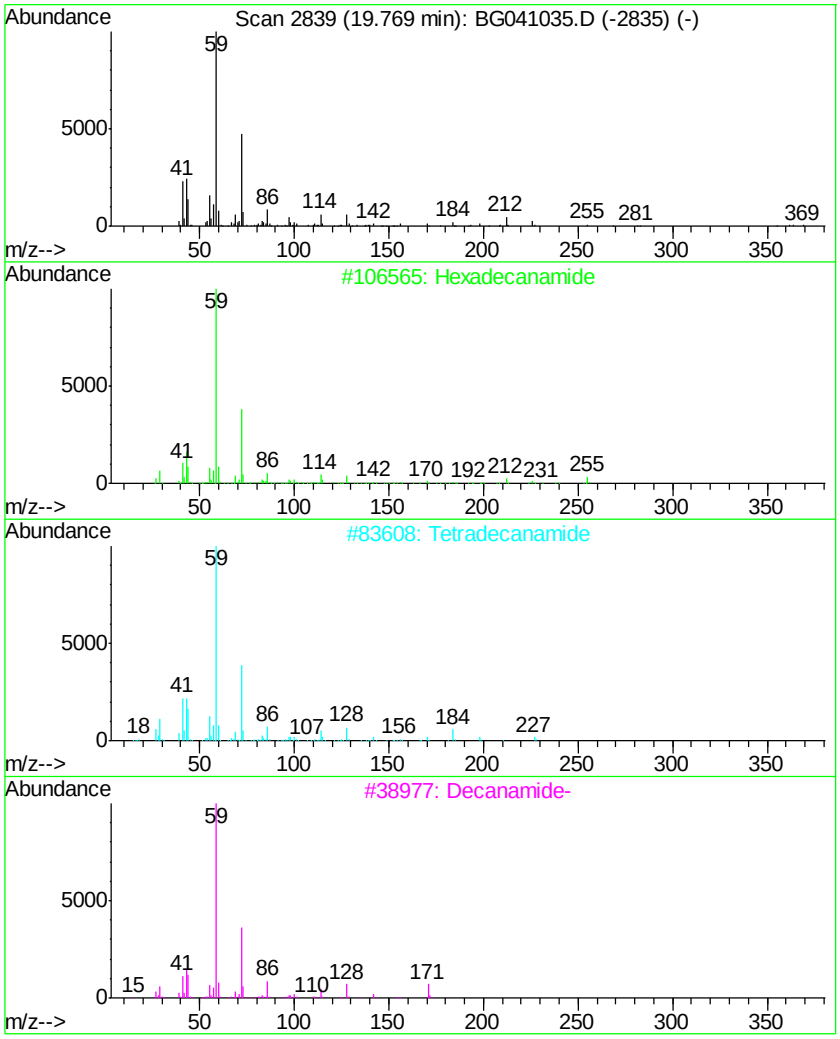
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

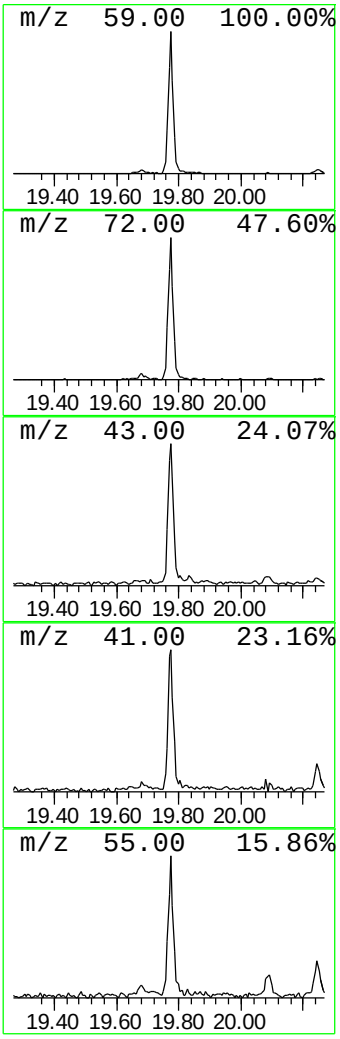
****

Peak Number 6 Hexadecanamide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	5.23 ng	332349	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	86
2	Tetradecanamide	227	C14H29NO	000638-58-4	72
3	Decanamide-	171	C10H21NO	002319-29-1	59
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
5	Nonanamide	157	C9H19NO	001120-07-6	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041035.D
Acq On : 3 Jun 2019 15:37
Operator : HP/JU
Sample : K3040-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0445-FIELD-BLANK-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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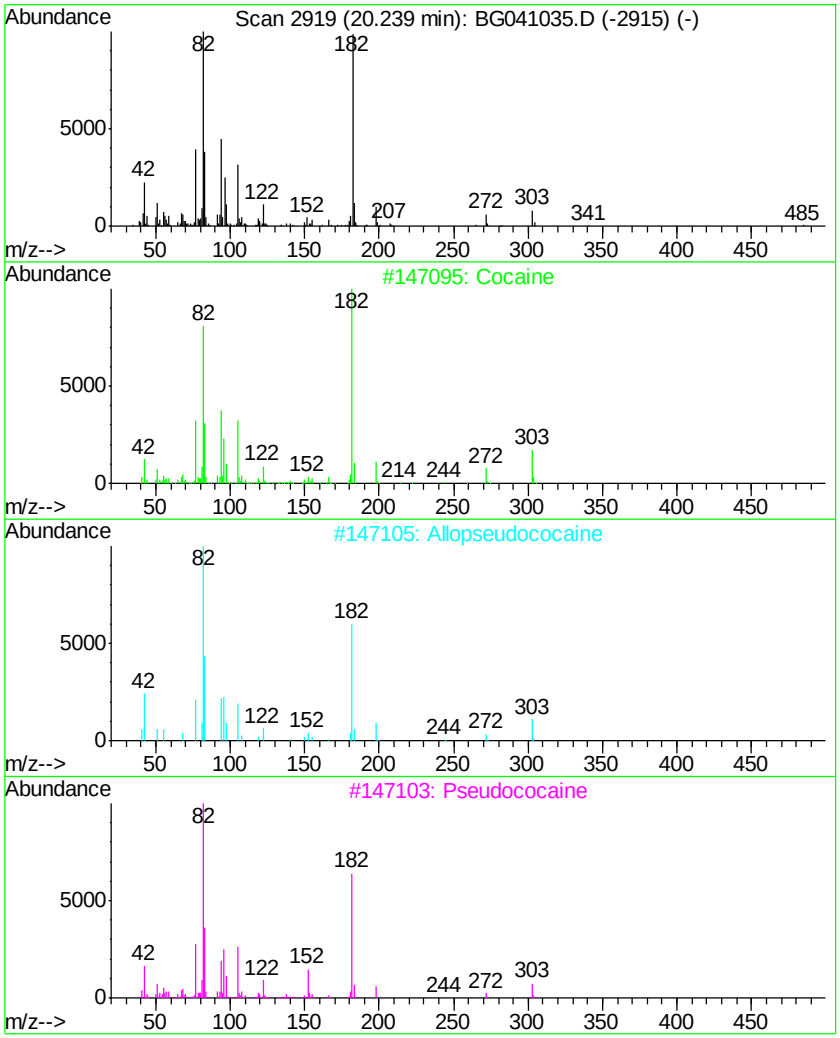
TIC Integration Parameters: LSCINT.P

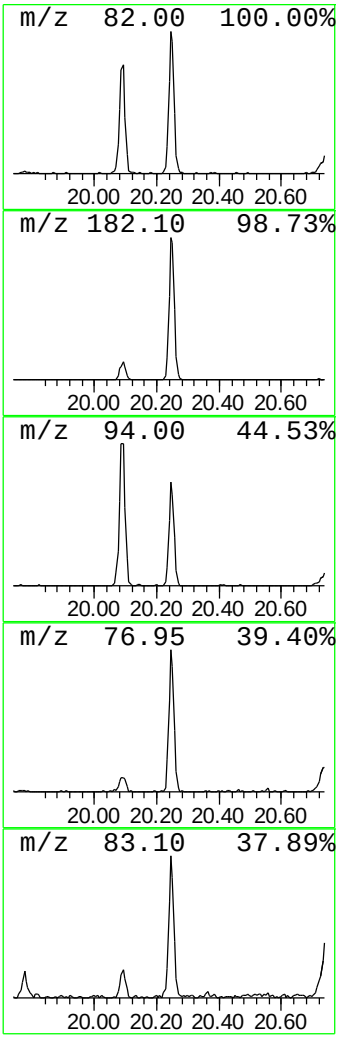
****

Peak Number 7 Cocaine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	5.61 ng	356772	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cocaine	303	C17H21NO4	000050-36-2	99
2	Allopseudococaine	303	C17H21NO4	000518-97-8	95
3	Pseudococaine	303	C17H21NO4	000478-73-9	93
4	Allococaine	303	C17H21NO4	000668-19-9	91
5	Valeroylecgonine methyl ester	283	C15H25NO4	203320-39-2	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041035.D
Acq On : 3 Jun 2019 15:37
Operator : HP/JU
Sample : K3040-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0445-FIELD-BLANK-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

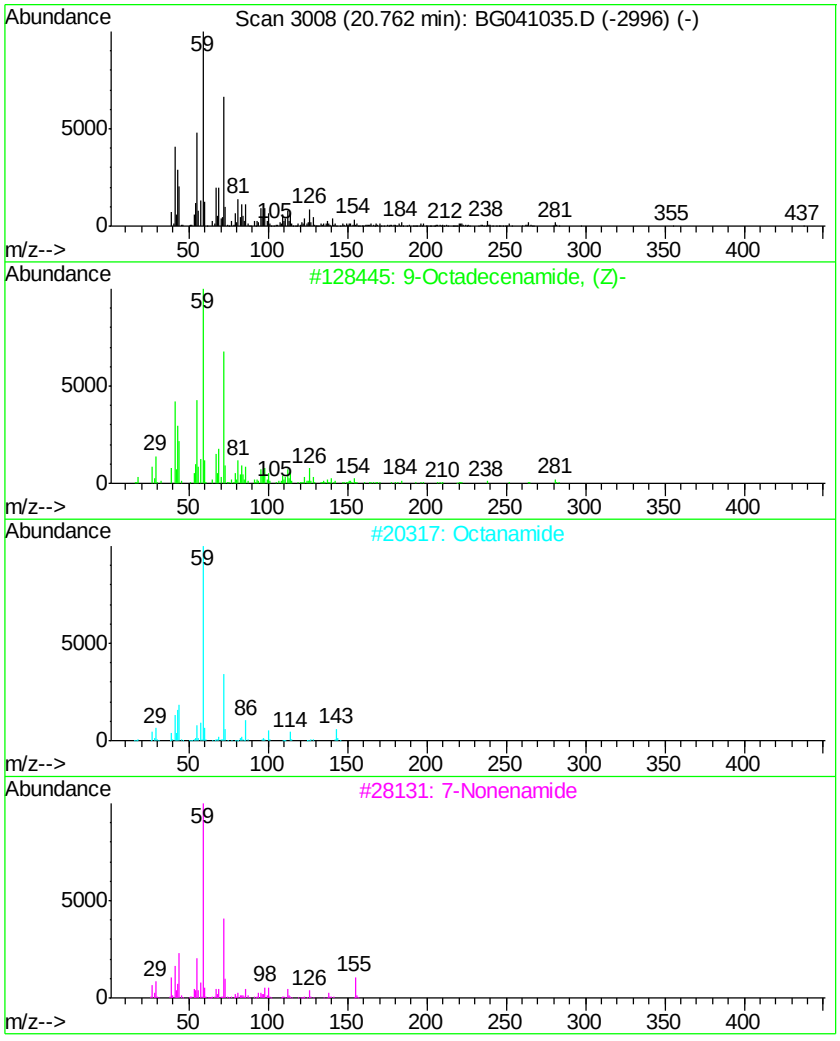
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

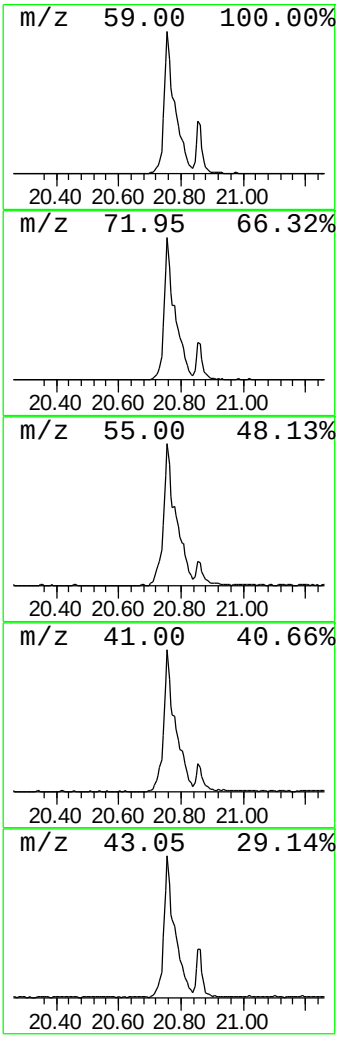
****

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	70.64 ng	4489680	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	99
2	Octanamide	143	C8H17NO	000629-01-6	72
3	7-Nonenamide	155	C9H17NO	090949-53-4	59
4	Nonanamide	157	C9H19NO	001120-07-6	59
5	Tetradecanamide	227	C14H29NO	000638-58-4	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041035.D
Acq On : 3 Jun 2019 15:37
Operator : HP/JU
Sample : K3040-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0445-FIELD-BLANK-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

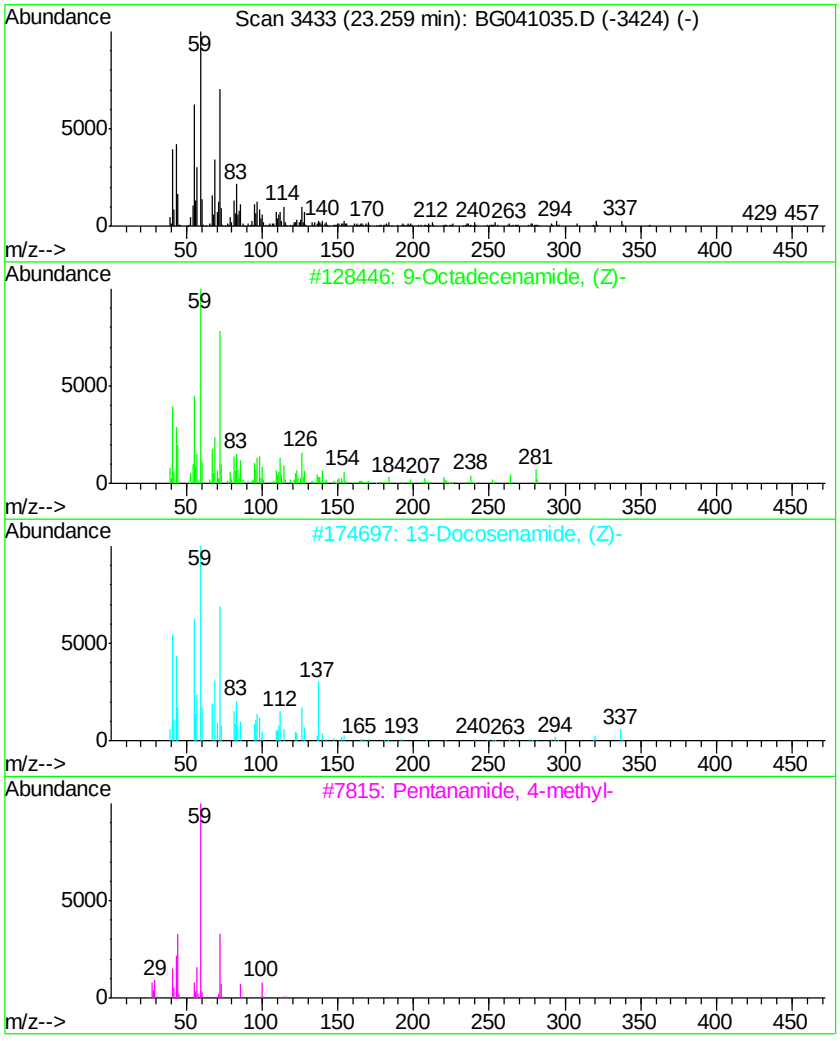
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

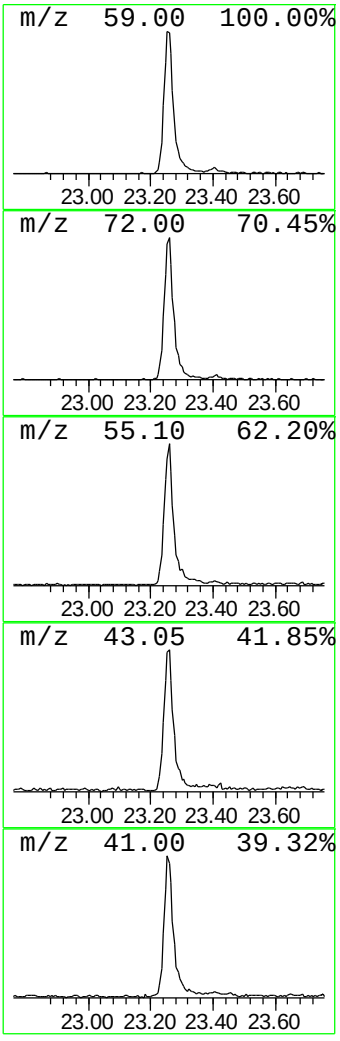
****

Peak Number 11 13-Docosenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	17.82 ng	1132510	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
3	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50
4	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	50
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060319\
Data File : BG041035.D
Acq On : 3 Jun 2019 15:37
Operator : HP/JU
Sample : K3040-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0445-FIELD-BLANK-2

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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
Butane, 2-methoxy...	3.21	109.7	ng	2247250	1	8.12	409900	20.0
2-Pentanone, 4-hy...	5.19	3.3	ng	66508	1	8.12	409900	20.0
unknown7.64	7.64	90.8	ng	1861080	1	8.12	409900	20.0
Hexadecanamide	19.77	5.2	ng	332349	5	21.77	1271070	20.0
Cocaine	20.24	5.6	ng	356772	5	21.77	1271070	20.0
9-Octadecenamide,...	20.76	70.6	ng	4489680	5	21.77	1271070	20.0
13-Docosenamide, ...	23.26	17.8	ng	1132510	5	21.77	1271070	20.0