LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041011.D
Acq On : 1 Jun 2019 14:16
Operator : HP/JU
Sample : K3088-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-4

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	3.125	3	6	15	rVB	303828	538942	10.31%	1.654%
2	3.207	15	20	32	rVB	1439217	2217798	42.41%	6.806%
3	5.187	351	357	365	rVB2	39715	65834	1.26%	0.202%
4	5.651	430	436	447	rBV	585053	942902	18.03%	2.894%
5	7.261	703	710	721	rBV	401597	682108	13.04%	2.093%
6	7.643	765	775	784	rBV	1048916	1796956	34.36%	5.515%
7	8.119	849	856	868	rBV	232235	393069	7.52%	1.206%
8	8.442	903	911	920	rBV	873867	1489681	28.49%	4.572%
9	9.300	1048	1057	1068	rBV	804889	1462941	27.98%	4.490%
10	10.939	1329	1336	1348	rVB	304952	541583	10.36%	1.662%
11	13.372	1743	1750	1759	rBV	2148963	3350093	64.06%	10.281%
12	14.752	1975	1985	1998	rBV2	500084	831010	15.89%	2.550%
13	16.239	2231	2238	2251	rBV	1828548	2841869	54.35%	8.722%
14	17.496	2445	2452	2462	rBV	708295	1051444	20.11%	3.227%
15	19.776	2835	2840	2846	rBV	241360	287292	5.49%	0.882%
16	20.087	2887	2893	2899	rBV	3920738	5229229	100.00%	16.048%
17	20.246	2915	2920	2926	rVB	273607	335811	6.42%	1.031%
18	20.757	2993	3007	3021	rBV	1426316	4094003	78.29%	12.564%
19	20.857	3021	3024	3032	rVB	310899	443262	8.48%	1.360%
20	21.773	3173	3180	3187	rBV2	708808	1154720	22.08%	3.544%
21	21.868	3191	3196	3211	rVV	181618	465849	8.91%	1.430%
22	23.254	3425	3432	3449	rBV	460212	1026832	19.64%	3.151%
23	24.083	3567	3573	3581	rVB2	40223	85829	1.64%	0.263%
24	25.111	3733	3748	3761	rVB	389749	1181970	22.60%	3.627%
25	26.233	3931	3939	3947	rBV8	24708	73477	1.41%	0.225%

Sum of corrected areas: 32584504

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Misc :
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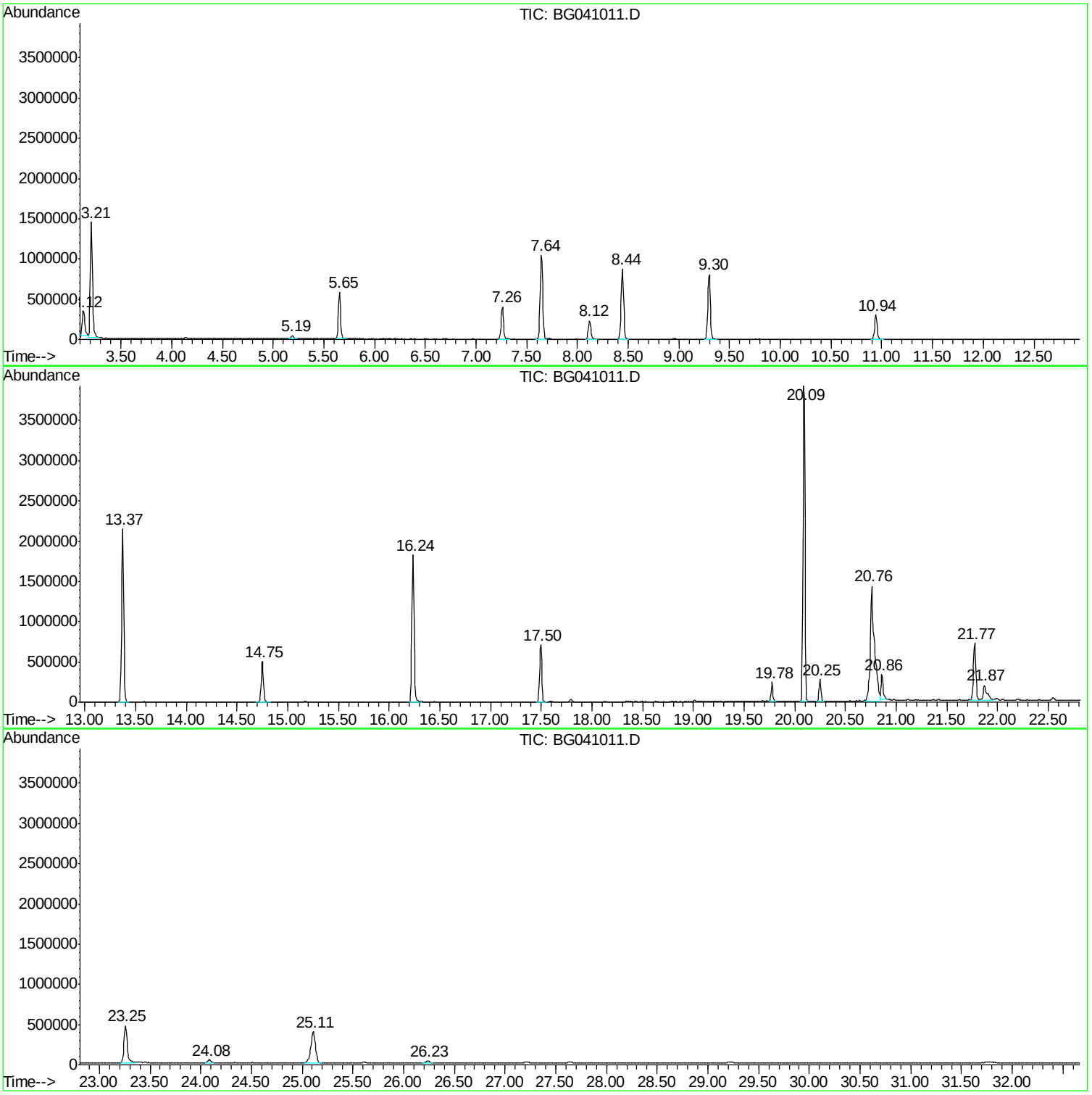
Instrument : BNA_G
ClientSampleId : W-4

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041011.D
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Operator : HP/JU
Sample : K3088-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-4

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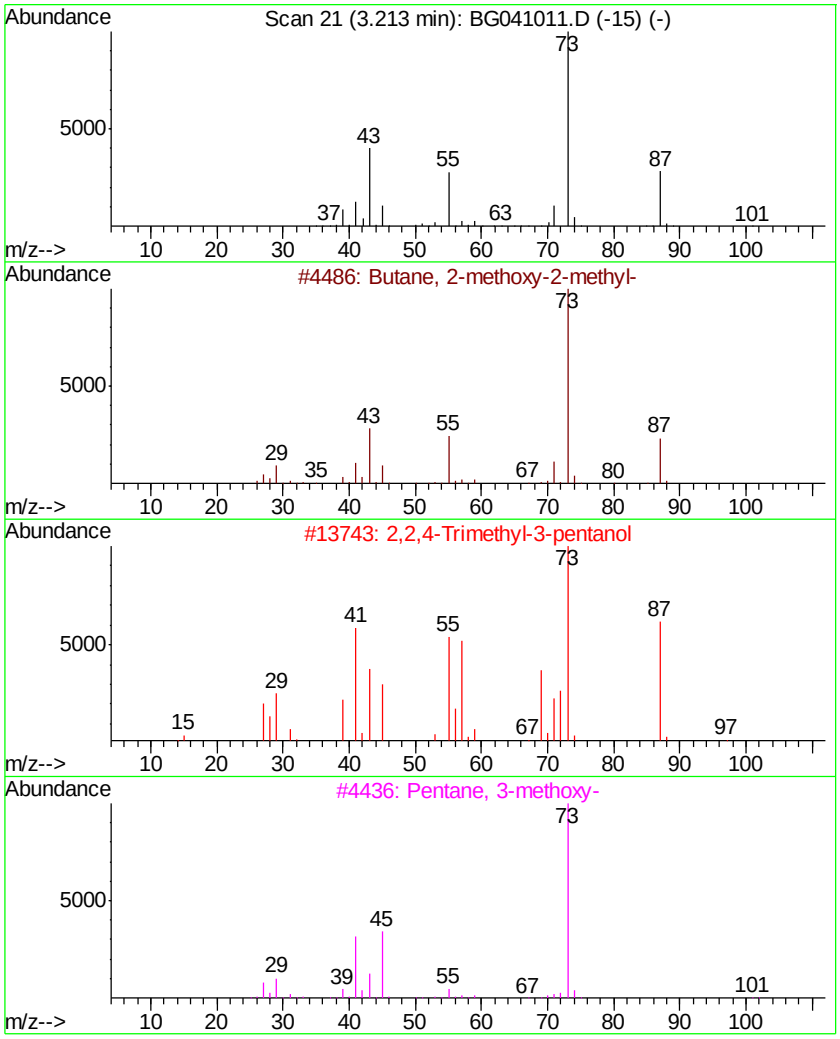
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

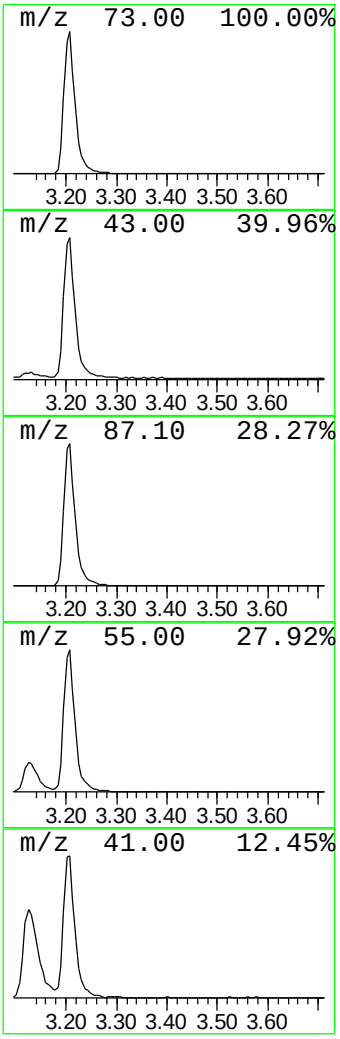
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	112.85 ng	2217800	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	38
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Data File : BG041011.D
Acq On : 1 Jun 2019 14:16
Operator : HP/JU
Sample : K3088-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-4

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

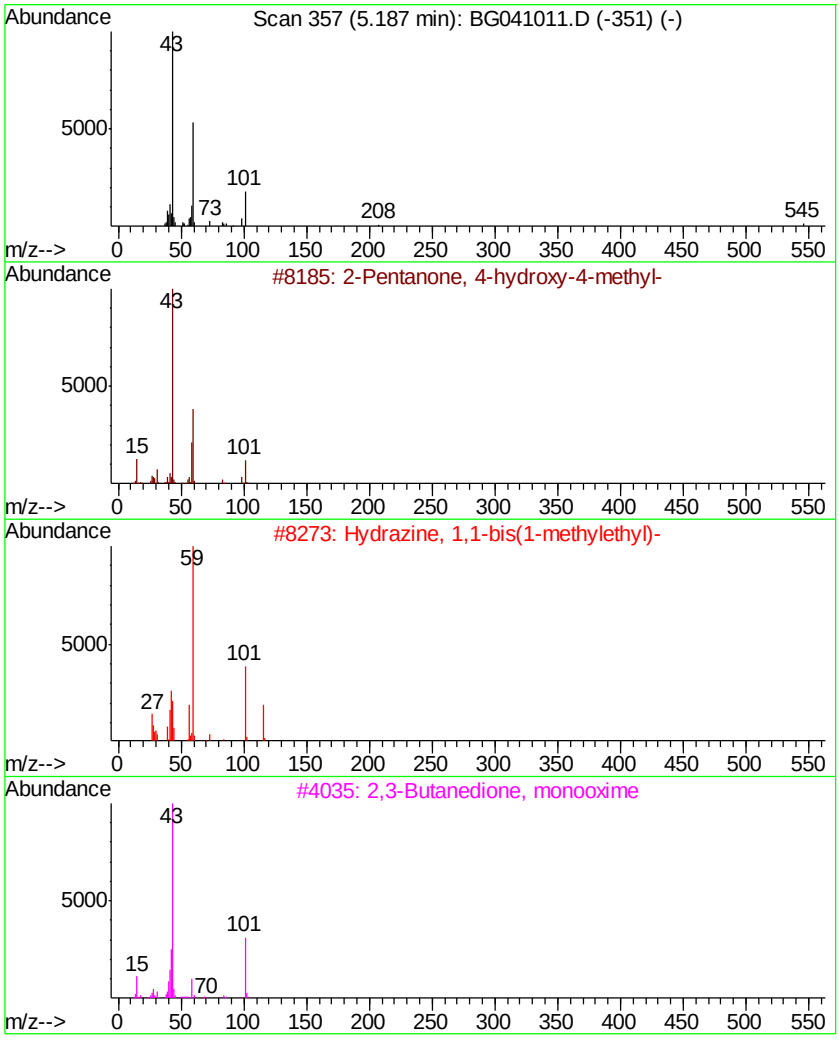
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

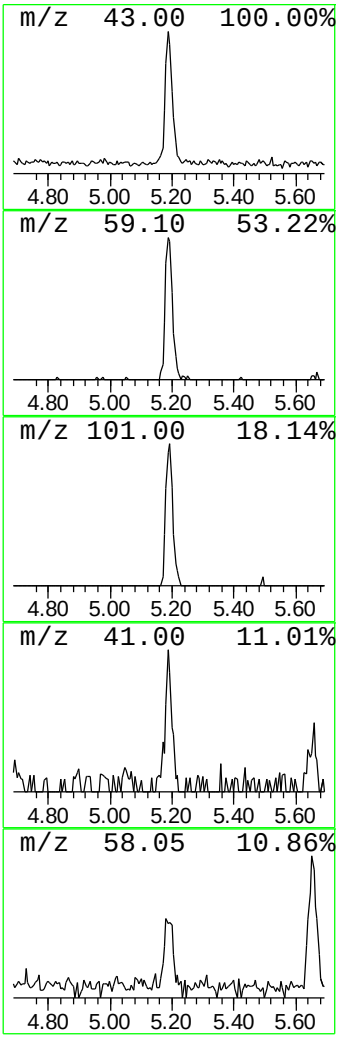
****

Peak Number 3 unknown5.19 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.35 ng	65834	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	45
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	37
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	28
5	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041011.D
Acq On : 1 Jun 2019 14:16
Operator : HP/JU
Sample : K3088-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-4

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

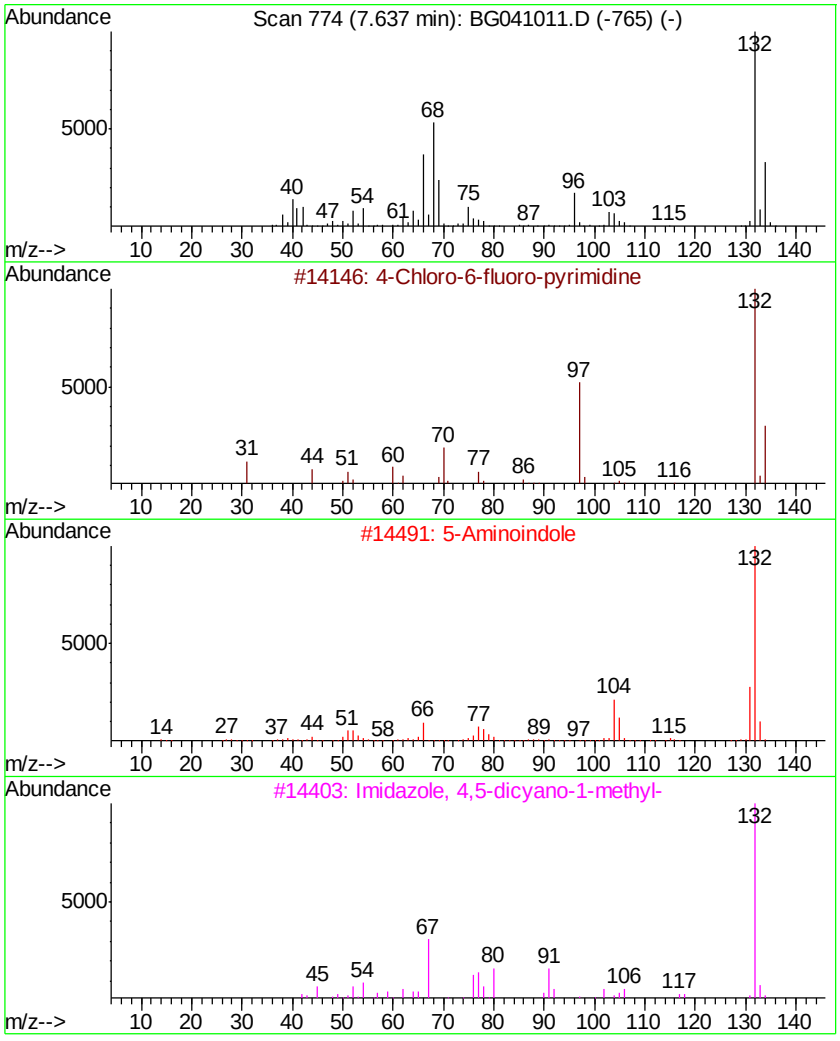
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

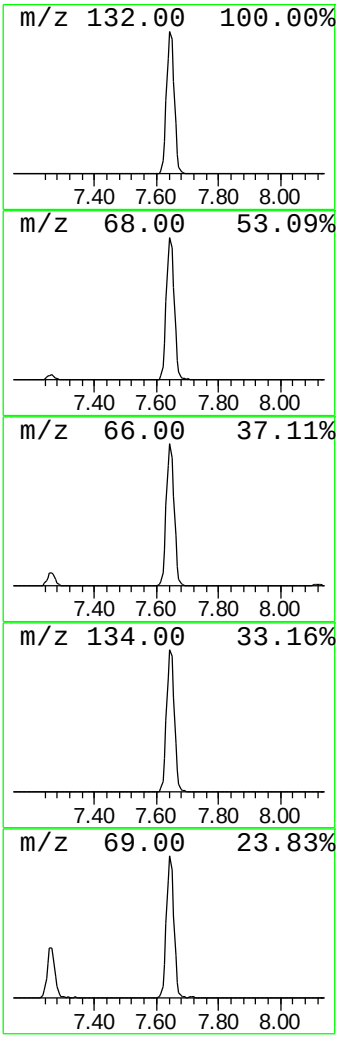
****

Peak Number 4 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	91.43 ng	1796960	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041011.D
Acq On : 1 Jun 2019 14:16
Operator : HP/JU
Sample : K3088-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-4

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

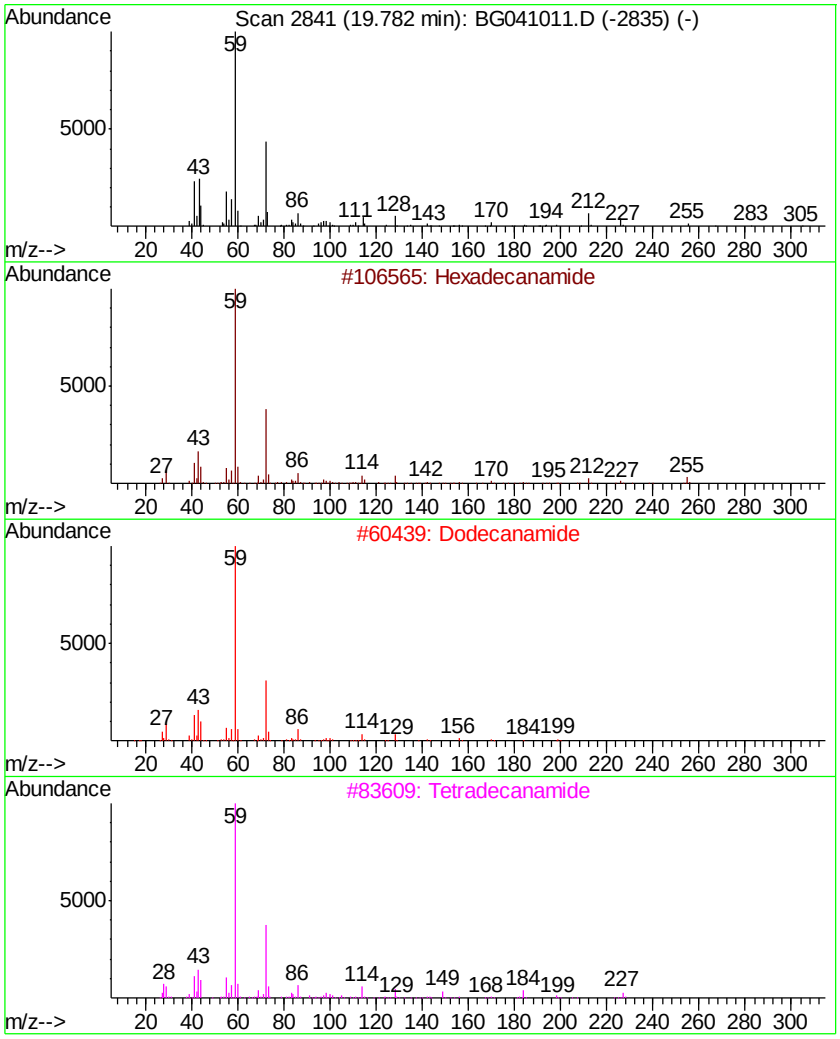
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

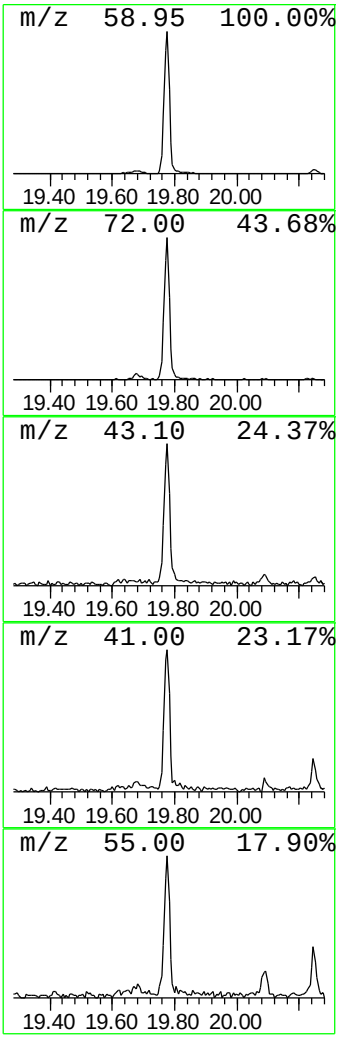
****

Peak Number 6 Hexadecanamide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	4.98 ng	287292	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	91
2	Dodecanamide	199	C12H25NO	001120-16-7	87
3	Tetradecanamide	227	C14H29NO	000638-58-4	78
4	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	72
5	Decanamide-	171	C10H21NO	002319-29-1	64





Library Search Compound Report

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Data File : BG041011.D
Acq On : 1 Jun 2019 14:16
Operator : HP/JU
Sample : K3088-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-4

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

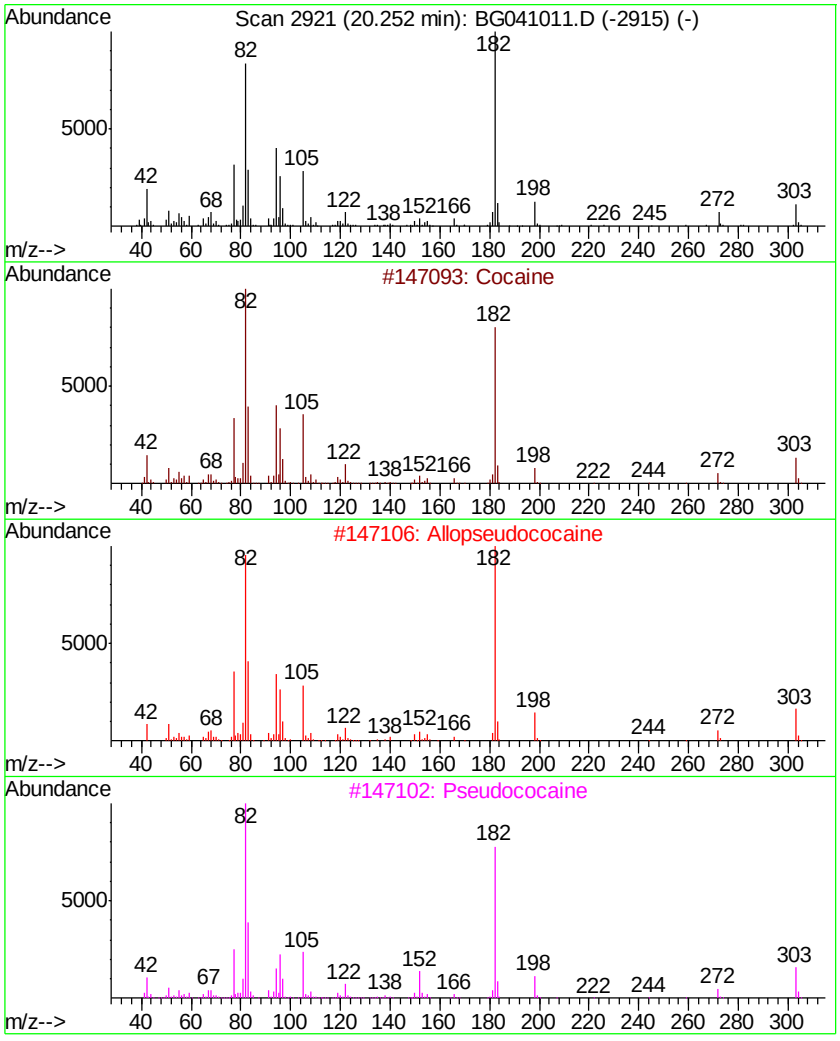
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

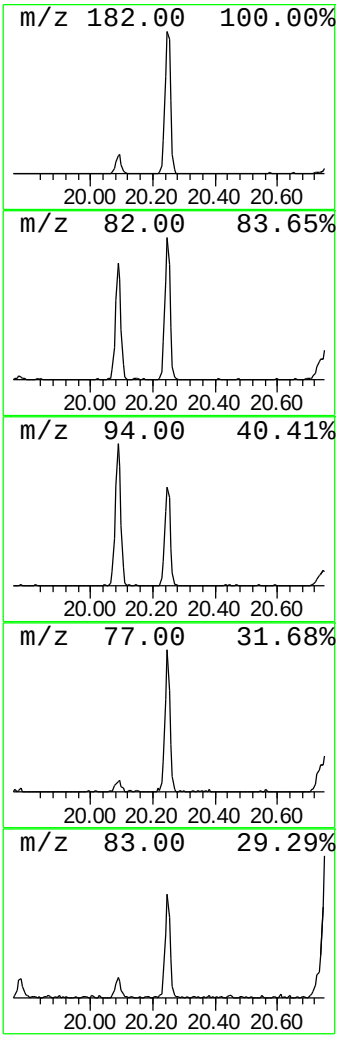
****

Peak Number 7 Cocaine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	5.82 ng	335811	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	99
3	Pseudococaine	303	C17H21NO4	000478-73-9	93
4	Isobutyroylecgonine methyl ester	269	C14H23NO4	203320-38-1	64
5	Propionylecgonine methyl ester	255	C13H21NO4	203320-37-0	64





Library Search Compound Report

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Operator : HP/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-4

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

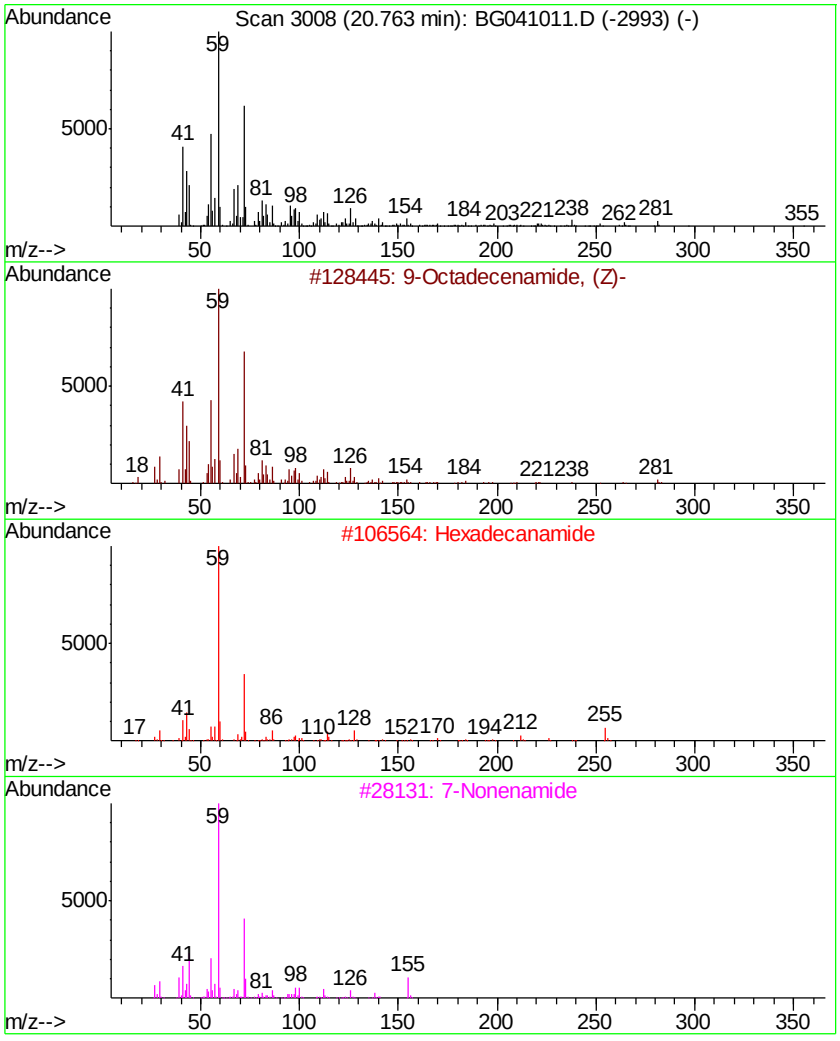
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

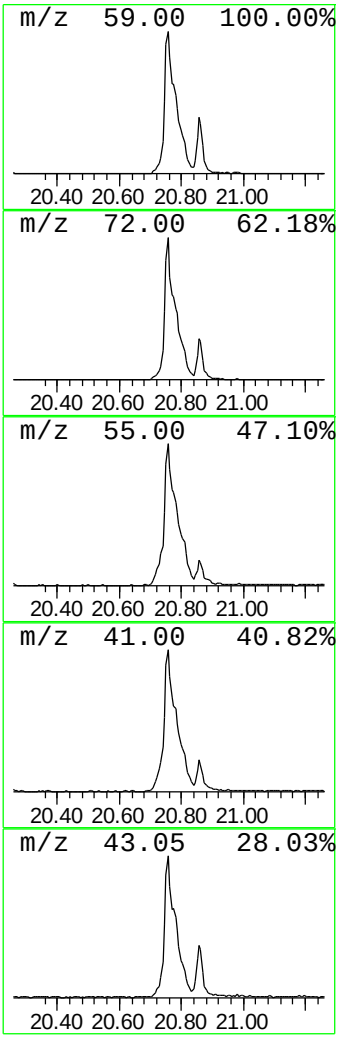
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	70.91 ng	4094000	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	99
2	Hexadecanamide	255	C16H33NO	000629-54-9	64
3	7-Nonenamide	155	C9H17NO	090949-53-4	59
4	Octanamide	143	C8H17NO	000629-01-6	59
5	Dichloroacetic acid, 2-ethoxyeth...	200	C6H10Cl2O3	092704-99-9	50





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Sample : K3088-02
Misc :
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Instrument : BNA_G
ClientSampleId : W-4

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

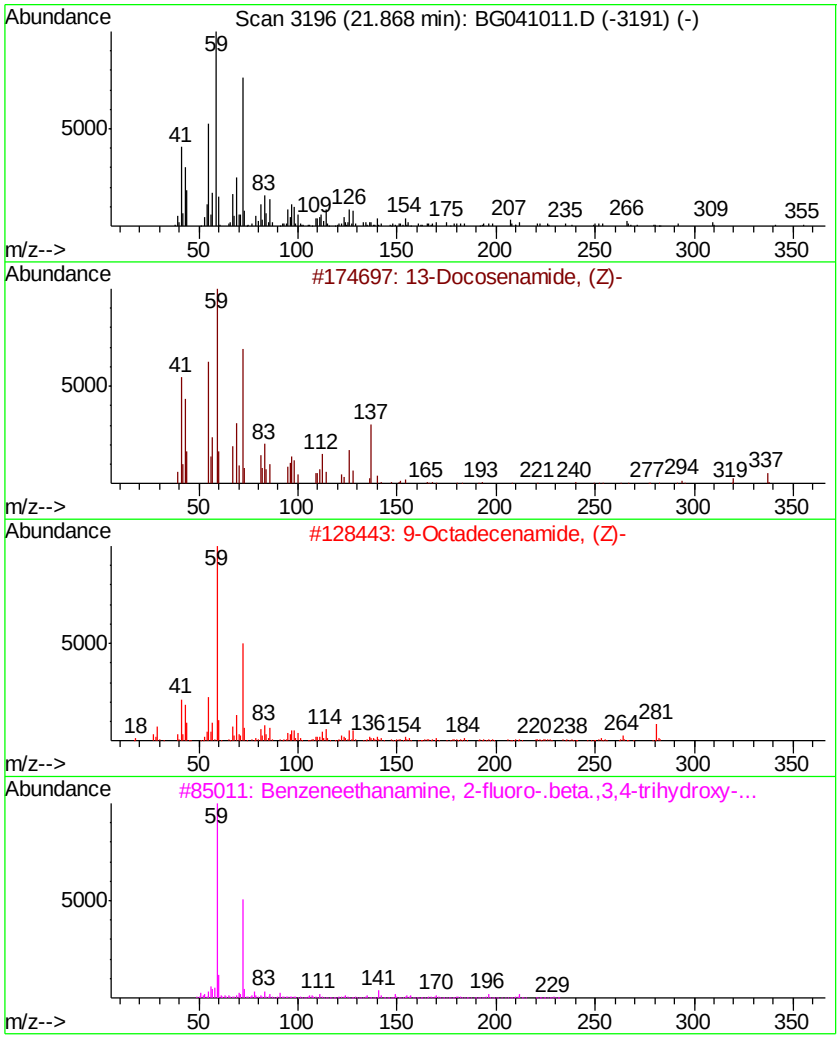
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

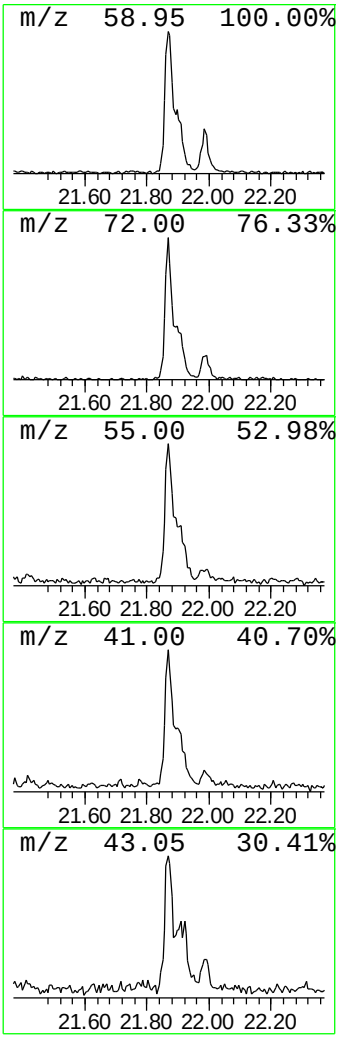
****

Peak Number 10 13-Docosenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	8.07 ng	465849	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	68
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64
4	Decanamide-	171	C10H21NO	002319-29-1	47
5	Octanamide	143	C8H17NO	000629-01-6	43





Tentatively Identified Compound (LSC) summary

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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	112.8	ng	2217800	1	8.12	393069	20.0
unknown5.19	5.19	3.4	ng	65834	1	8.12	393069	20.0
unknown7.64	7.64	91.4	ng	1796960	1	8.12	393069	20.0
Hexadecanamide	19.78	5.0	ng	287292	5	21.77	1154720	20.0
Cocaine	20.25	5.8	ng	335811	5	21.77	1154720	20.0
9-Octadecenamide,...	20.76	70.9	ng	4094000	5	21.77	1154720	20.0
13-Docosenamide, ...	21.87	8.1	ng	465849	5	21.77	1154720	20.0