LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041486.D
Acq On : 27 Jun 2019 11:50
Operator : HP/JU
Sample : K3539-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-J-B-SETTLED-2H

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-BG062619.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	4.563	246	251	256	rBV	58080	84455	2.92%	0.692%
2	5.568	416	422	434	rBV	225711	393615	13.61%	3.225%
3	7.078	675	679	686	rVB	41228	59324	2.05%	0.486%
4	7.189	692	698	711	rBV	148094	293612	10.15%	2.405%
5	7.424	734	738	746	rBV2	30559	54035	1.87%	0.443%
6	7.560	753	761	775	rBV	469871	837139	28.95%	6.858%
7	8.030	835	841	851	rVB2	112931	197204	6.82%	1.616%
8	8.353	889	896	909	rVB	445820	776101	26.84%	6.358%
9	9.134	1023	1029	1035	rBV	127870	216613	7.49%	1.775%
10	9.211	1035	1042	1059	rVB	378455	703014	24.31%	5.759%
11	9.528	1092	1096	1102	rVB3	20532	32957	1.14%	0.270%
12	10.850	1315	1321	1332	rBV	133908	255369	8.83%	2.092%
13	13.294	1730	1737	1747	rBV	1091566	1681344	58.14%	13.774%
14	14.446	1928	1933	1945	rVB2	14943	29312	1.01%	0.240%
15	14.675	1964	1972	1984	rBV	238284	394366	13.64%	3.231%
16	16.167	2220	2226	2240	rBV	985946	1473059	50.94%	12.068%
17	17.424	2434	2440	2448	rBV2	344980	502830	17.39%	4.119%
18	18.282	2582	2586	2596	rBV2	33440	61857	2.14%	0.507%
19	19.551	2797	2802	2808	rBV8	20198	42783	1.48%	0.350%
20	20.027	2876	2883	2891	rBV	2318974	2891947	100.00%	23.692%
21	21.696	3161	3167	3176	rBV	364481	581122	20.09%	4.761%
22	22.448	3291	3295	3301	rVB8	19918	32688	1.13%	0.268%
23	23.141	3410	3413	3419	rVB6	25494	43369	1.50%	0.355%
24	24.986	3718	3727	3739	rVB	198044	568376	19.65%	4.656%

Sum of corrected areas: 12206491

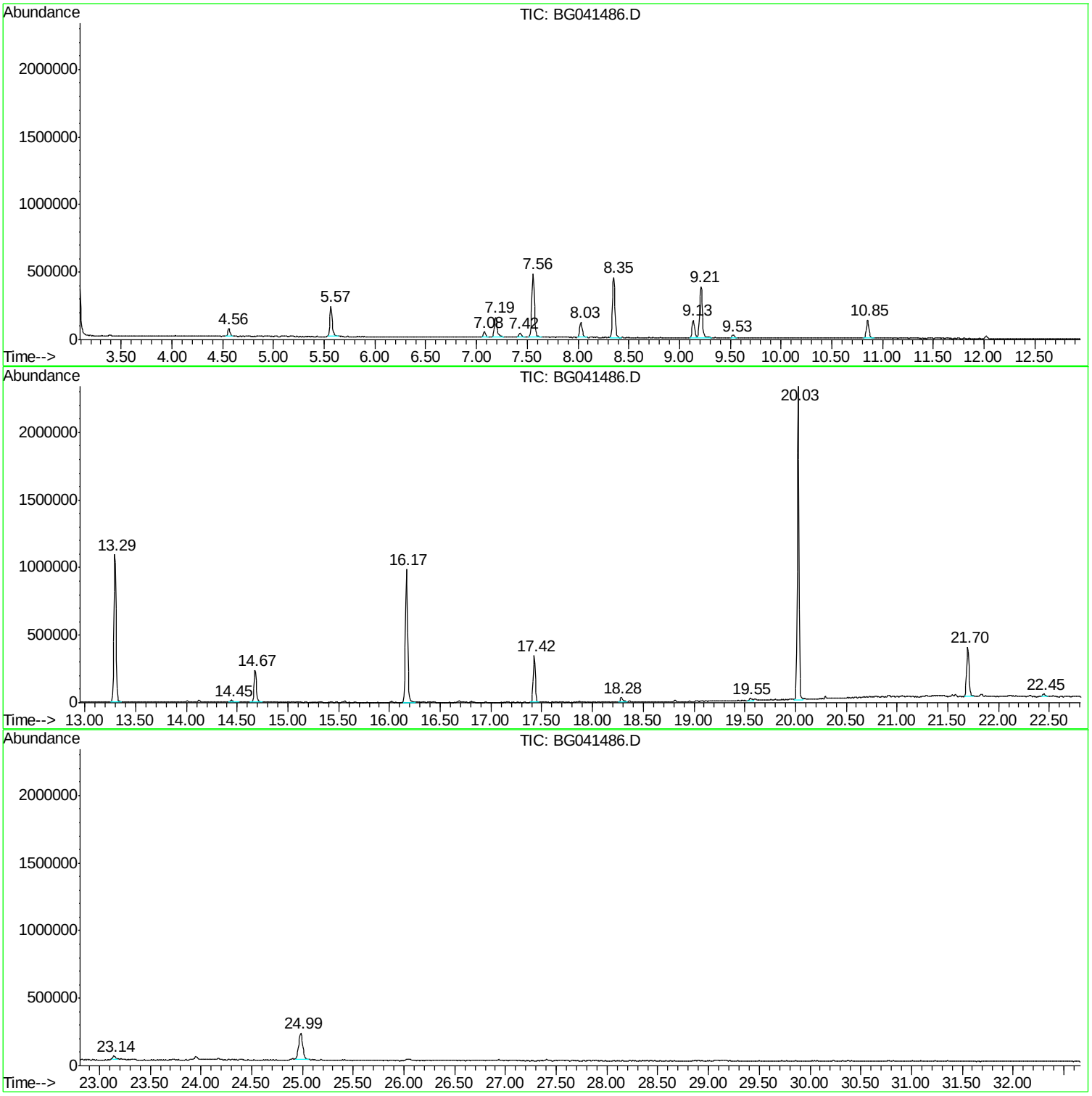
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041486.D
Acq On : 27 Jun 2019 11:50
Operator : HP/JU
Sample : K3539-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-J-B-SETTLED-2H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.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\BG062719\
Data File : BG041486.D
Acq On : 27 Jun 2019 11:50
Operator : HP/JU
Sample : K3539-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-J-B-SETTLED-2H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

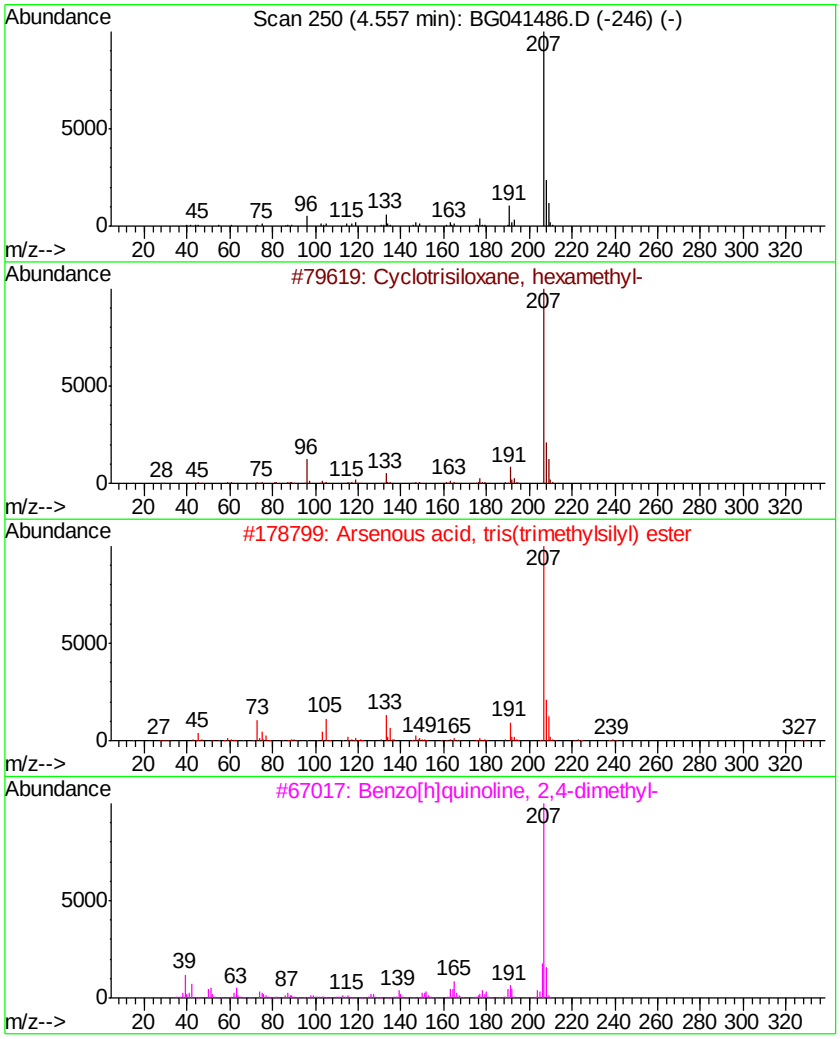
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

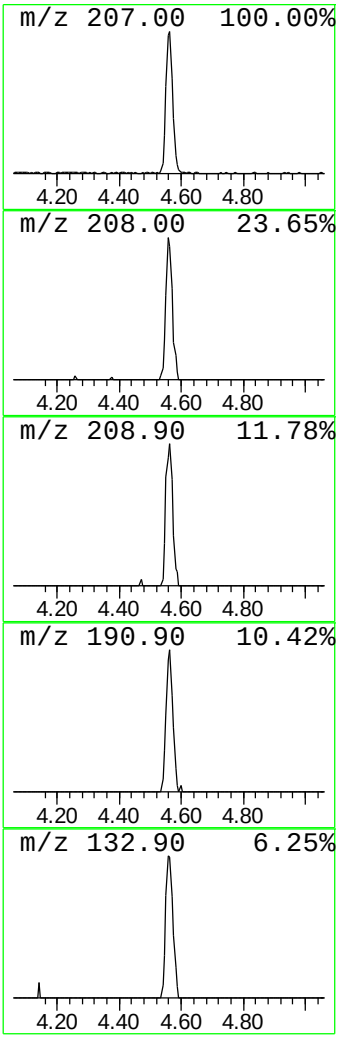
****

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	8.57 ng	84455	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	74
3	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38
5	1-Methyl-3-phenylindole	207	C15H13N	030020-98-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041486.D
Acq On : 27 Jun 2019 11:50
Operator : HP/JU
Sample : K3539-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-J-B-SETTLED-2H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

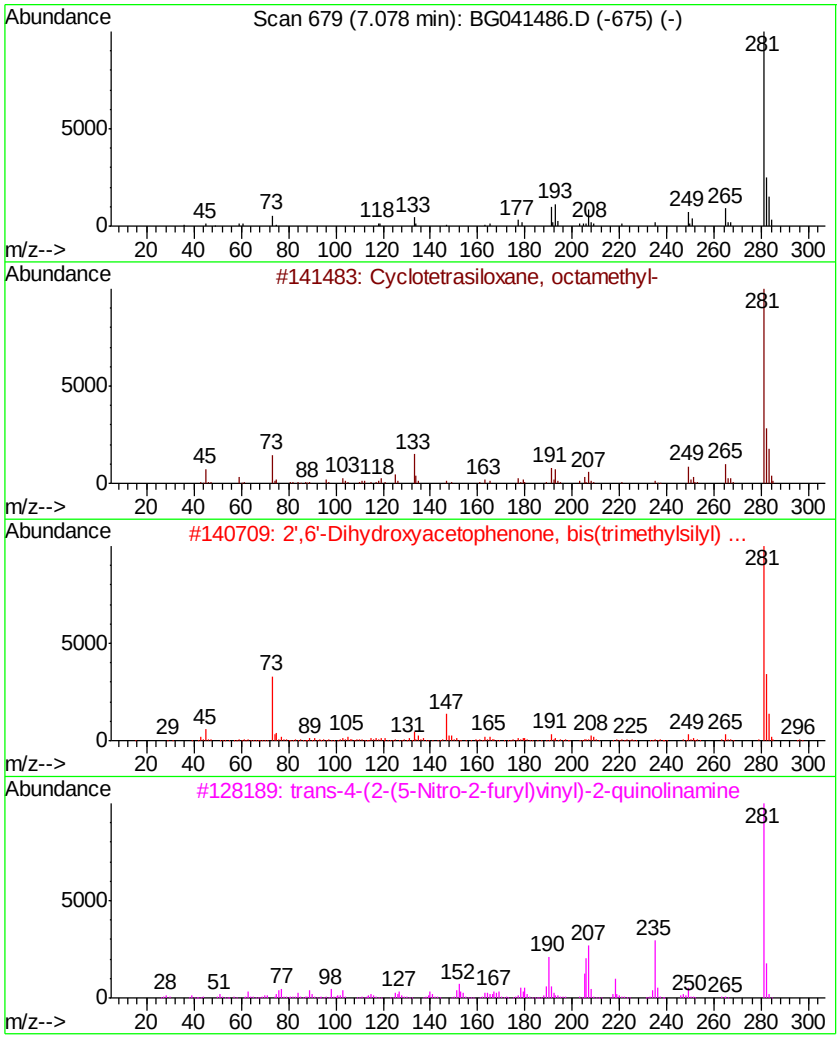
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

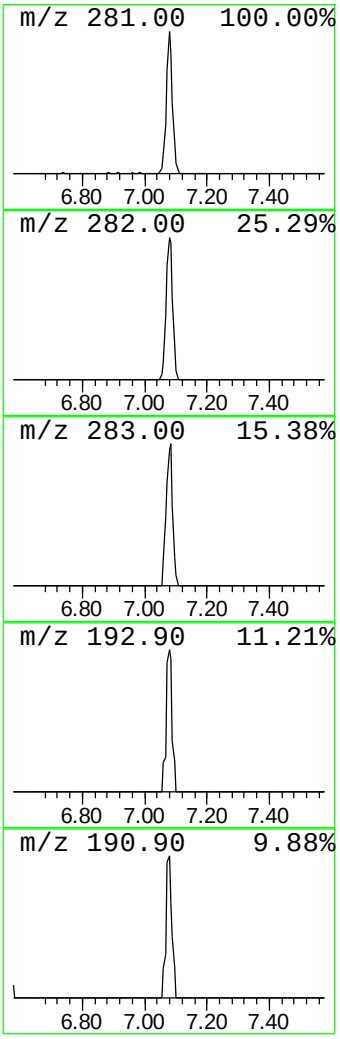
****

Peak Number 2 Cyclotetrasiloxane, octamet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	6.02 ng	59324	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	90
2	2',6'-Dihydroxyacetophenone, bis...	296	C14H24O3Si2	1000352-81-3	59
3	trans-4-(2-(5-Nitro-2-furyl)vinv...	281	C15H11N3O3	000847-10-9	59
4	trans-4-Dimethylamino-4'-methoxy...	281	C18H19NO2	052119-37-6	53
5	Benzoic acid, 4-methyl-2-trimeth...	296	C14H24O3Si2	1000153-59-3	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041486.D
Acq On : 27 Jun 2019 11:50
Operator : HP/JU
Sample : K3539-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-J-B-SETTLED-2H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

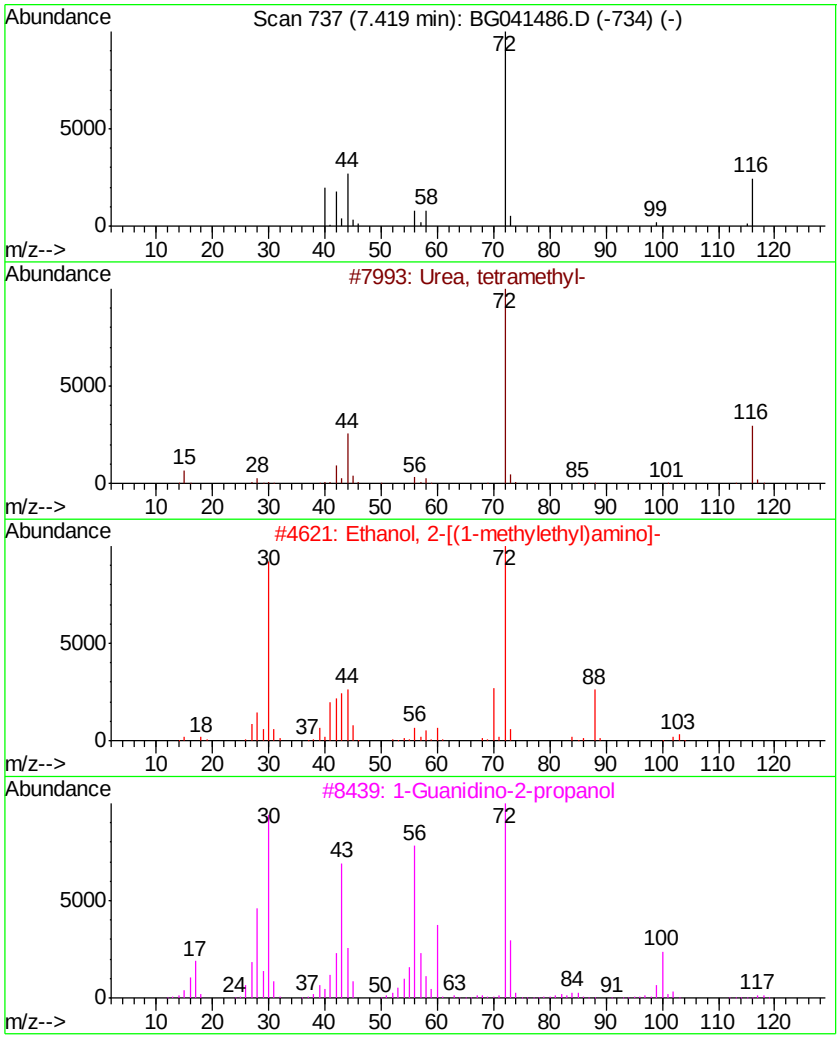
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

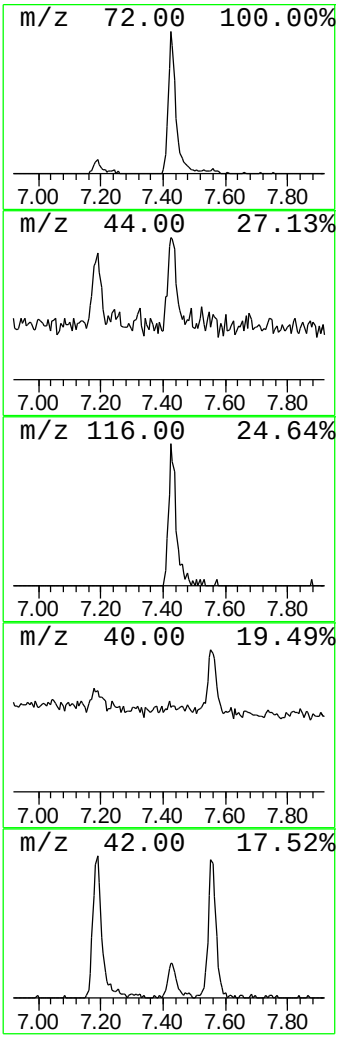
****

Peak Number 3 Urea, tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	5.48 ng	54035	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, tetramethyl-	116	C5H12N2O	000632-22-4	78
2	Ethanol, 2-[(1-methylethyl)amino]-	103	C5H13NO	000109-56-8	64
3	1-Guanidino-2-propanol	117	C4H11N3O	1000242-22-6	59
4	[2-(N,N-Dimethyl)]-1,2-propanedi...	102	C5H14N2	1000133-38-7	39
5	2-Propanamine, N,N-dimethyl-	87	C5H13N	000996-35-0	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041486.D
Acq On : 27 Jun 2019 11:50
Operator : HP/JU
Sample : K3539-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-J-B-SETTLED-2H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

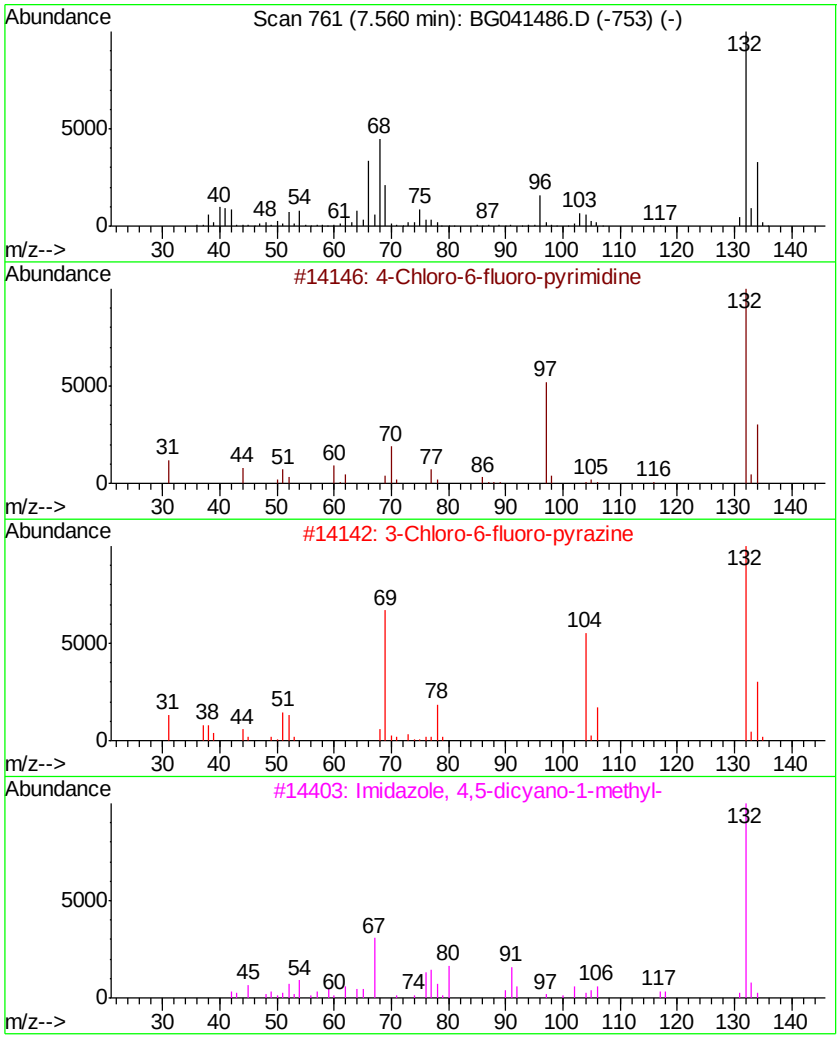
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

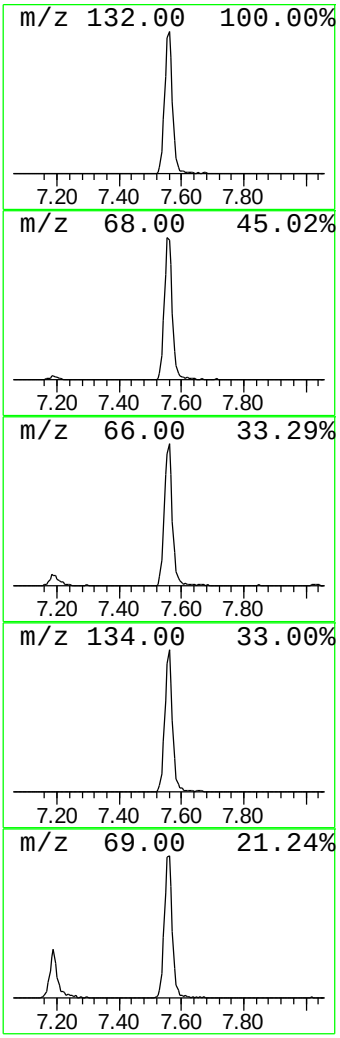
****

Peak Number 4 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	84.90 ng	837139	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041486.D
Acq On : 27 Jun 2019 11:50
Operator : HP/JU
Sample : K3539-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-J-B-SETTLED-2H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

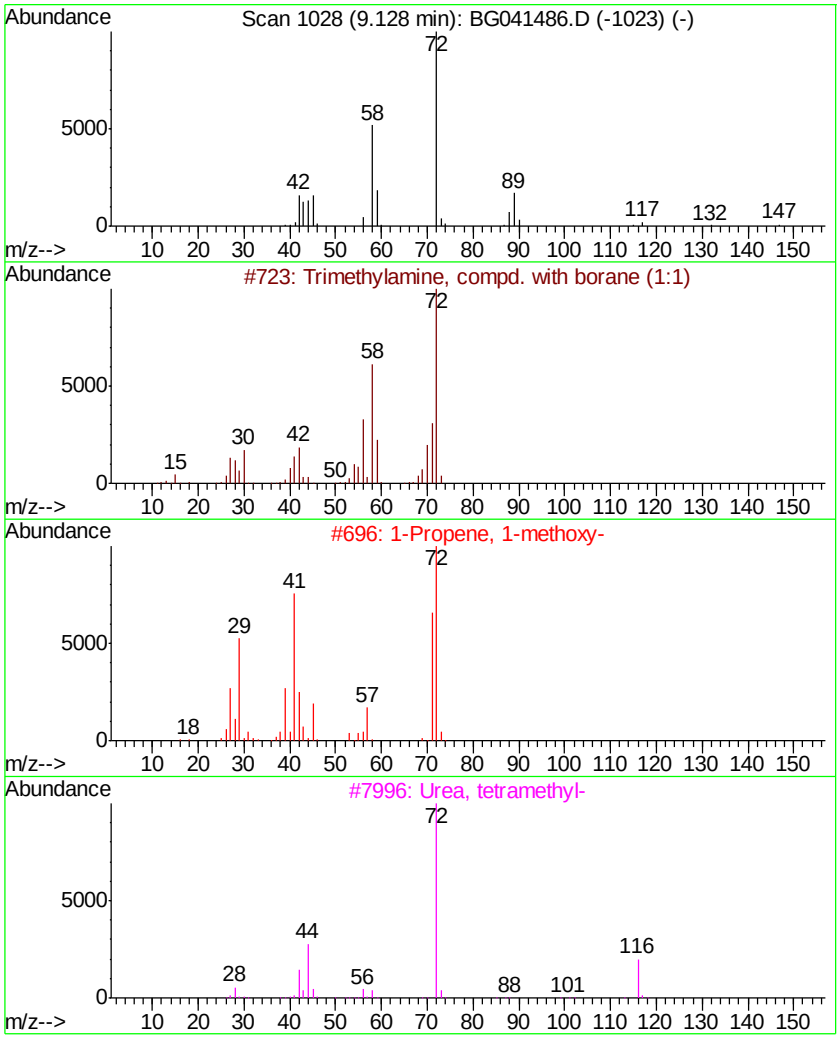
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

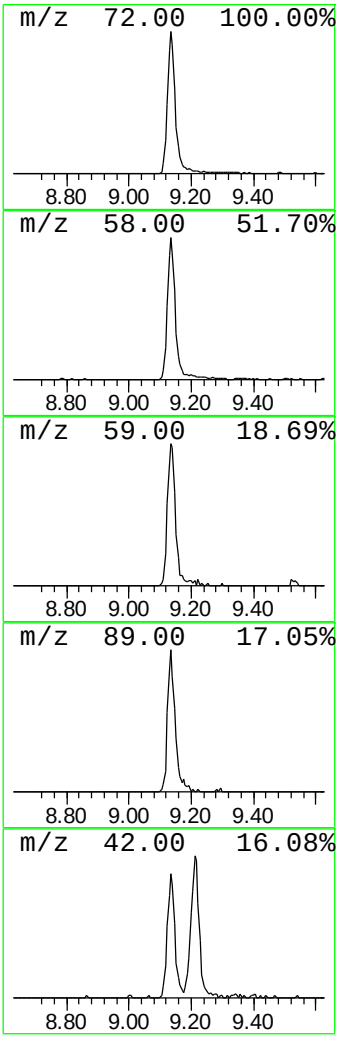
****

Peak Number 6 Trimethylamine, compd. with... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	21.97 ng	216613	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trimethylamine, compd. with bora...	73	C3H12BN	000075-22-9	50
2	1-Propene, 1-methoxy-	72	C4H8O	007319-16-6	43
3	Urea, tetramethyl-	116	C5H12N2O	000632-22-4	25
4	Acetaldehyde, methylhydrazone	72	C3H8N2	017167-73-6	23
5	Azacyclohexane, 3-methylamino-1-...	128	C7H16N2	004606-66-0	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
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Operator : HP/JU
Sample : K3539-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-J-B-SETTLED-2H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

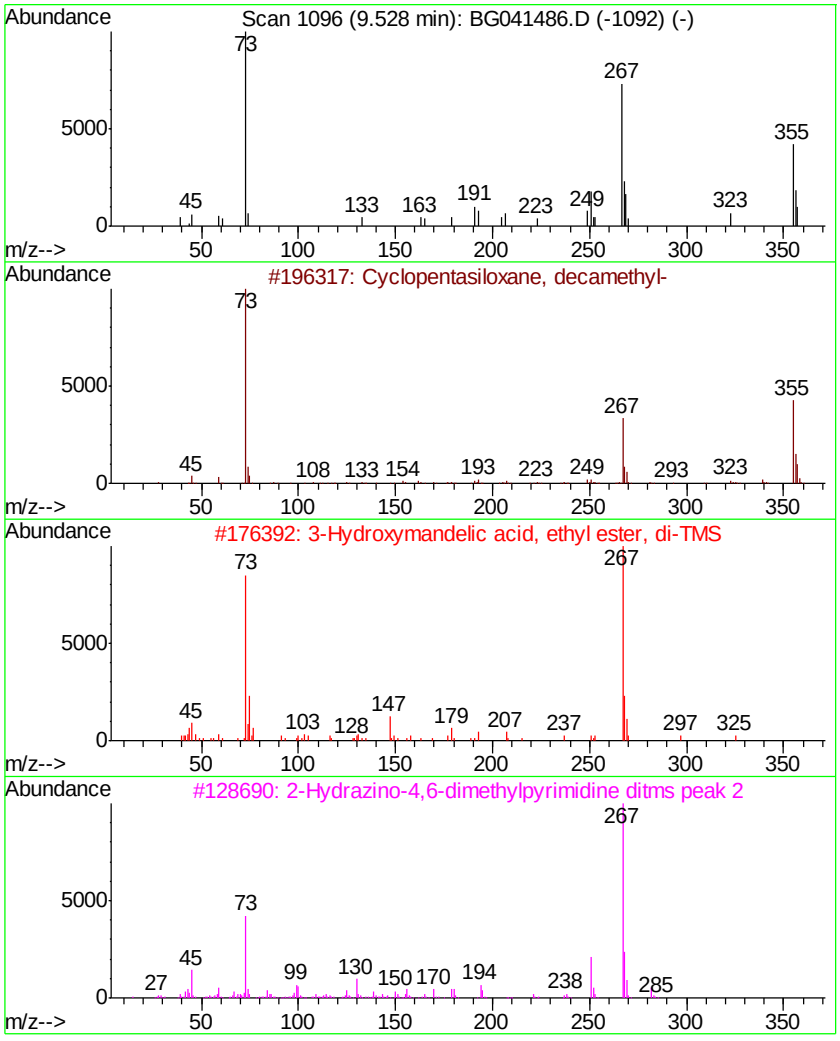
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

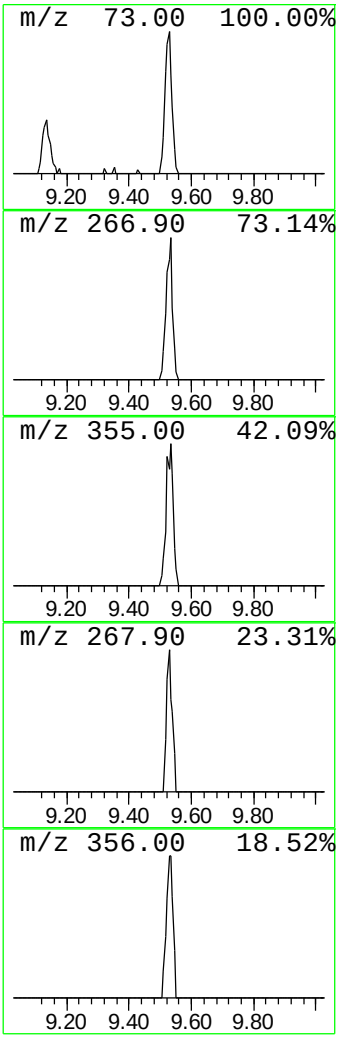
****

Peak Number 7 Cyclopentasiloxane, decamet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	2.58 ng	32957	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	3-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-88-9	47
3	2-Hydrazino-4,6-dimethylpyrimidi...	282	C12H26N4Si2	1000332-01-7	40
4	Acetonitrile, 2-(6-chloro-2-pyri...	267	C15H10ClN3	1000162-41-0	38
5	Propenenitrile, 2-(2-benzothiazo...	268	C14H8N2S2	106833-31-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
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Acq On : 27 Jun 2019 11:50
Operator : HP/JU
Sample : K3539-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-J-B-SETTLED-2H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

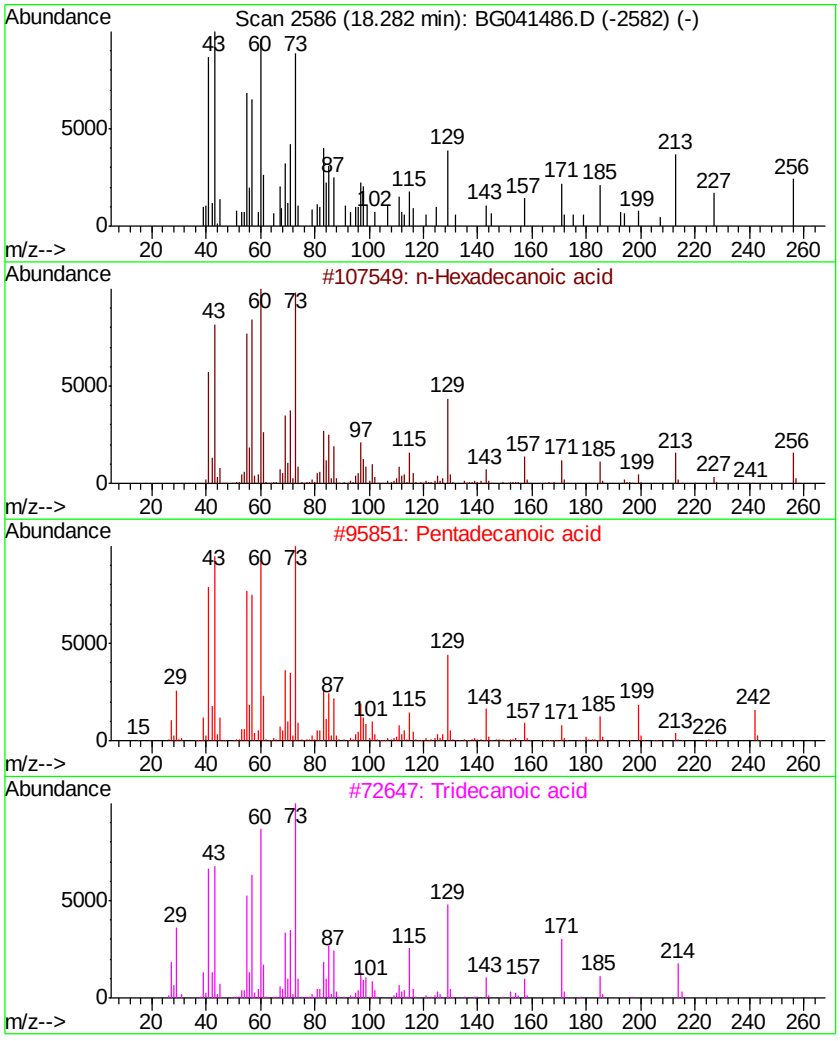
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

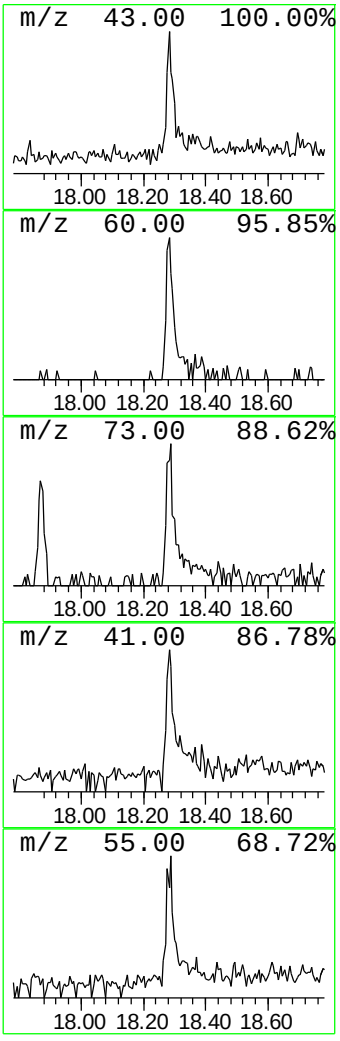
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.46 ng	61857	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
Data File : BG041486.D
Acq On : 27 Jun 2019 11:50
Operator : HP/JU
Sample : K3539-04
Misc :
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Instrument : BNA_G
ClientSampleId : MH-J-B-SETTLED-2H

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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
Cyclotrisiloxane,...	4.56	8.6	ng	84455	1	8.03	197204	20.0
Cyclotetrasiloxan...	7.08	6.0	ng	59324	1	8.03	197204	20.0
Urea, tetramethyl-	7.42	5.5	ng	54035	1	8.03	197204	20.0
unknown7.56	7.56	84.9	ng	837139	1	8.03	197204	20.0
Trimethylamine, c...	9.13	22.0	ng	216613	1	8.03	197204	20.0
Cyclopentasiloxan...	9.53	2.6	ng	32957	2	10.85	255369	20.0
n-Hexadecanoic acid	18.28	2.5	ng	61857	4	17.42	502830	20.0