LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017323.D
Acq On : 28 May 2015 13:55
Operator : TP/IZ
Sample : G2387-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

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-BG051315.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	2.814	18	21	26	rVB2	16873	21722	1.07%	0.216%
2	4.765	347	353	361	rVB	75042	103619	5.11%	1.030%
3	5.252	427	436	444	rBV	558894	773819	38.19%	7.692%
4	6.862	703	710	721	rBV	565341	865362	42.71%	8.602%
5	6.956	721	726	732	rVB2	14572	24023	1.19%	0.239%
6	7.197	760	767	778	rVB	564078	848150	41.86%	8.431%
7	7.655	839	845	853	rBV	92214	146655	7.24%	1.458%
8	7.973	892	899	906	rBV	355413	559069	27.59%	5.557%
9	8.819	1032	1043	1054	rBV	307184	502347	24.79%	4.993%
10	10.446	1314	1320	1328	rBV	117122	192446	9.50%	1.913%
11	12.932	1736	1743	1749	rBV	667654	960364	47.39%	9.546%
12	13.778	1881	1887	1895	rVB	19265	30984	1.53%	0.308%
13	14.312	1972	1978	1988	rBV2	172762	261805	12.92%	2.602%
14	15.811	2226	2233	2240	rBV	753838	1026883	50.68%	10.207%
15	17.062	2440	2446	2452	rBV	263260	347663	17.16%	3.456%
16	17.967	2595	2600	2608	rBV2	53189	76542	3.78%	0.761%
17	18.895	2753	2758	2761	rBV	24562	27334	1.35%	0.272%
18	19.248	2813	2818	2822	rBV4	15293	22589	1.11%	0.225%
19	19.700	2889	2895	2900	rBV	1684061	2026352	100.00%	20.142%
20	20.012	2943	2948	2952	rVB2	25332	30848	1.52%	0.307%
21	20.963	3105	3110	3121	rBV	124686	181553	8.96%	1.805%
22	21.245	3153	3158	3164	rBV	395110	497667	24.56%	4.947%
23	21.851	3254	3261	3269	rBV10	21345	56164	2.77%	0.558%
24	23.490	3533	3540	3547	rBV	263942	476236	23.50%	4.734%

Sum of corrected areas: 10060196

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017323.D
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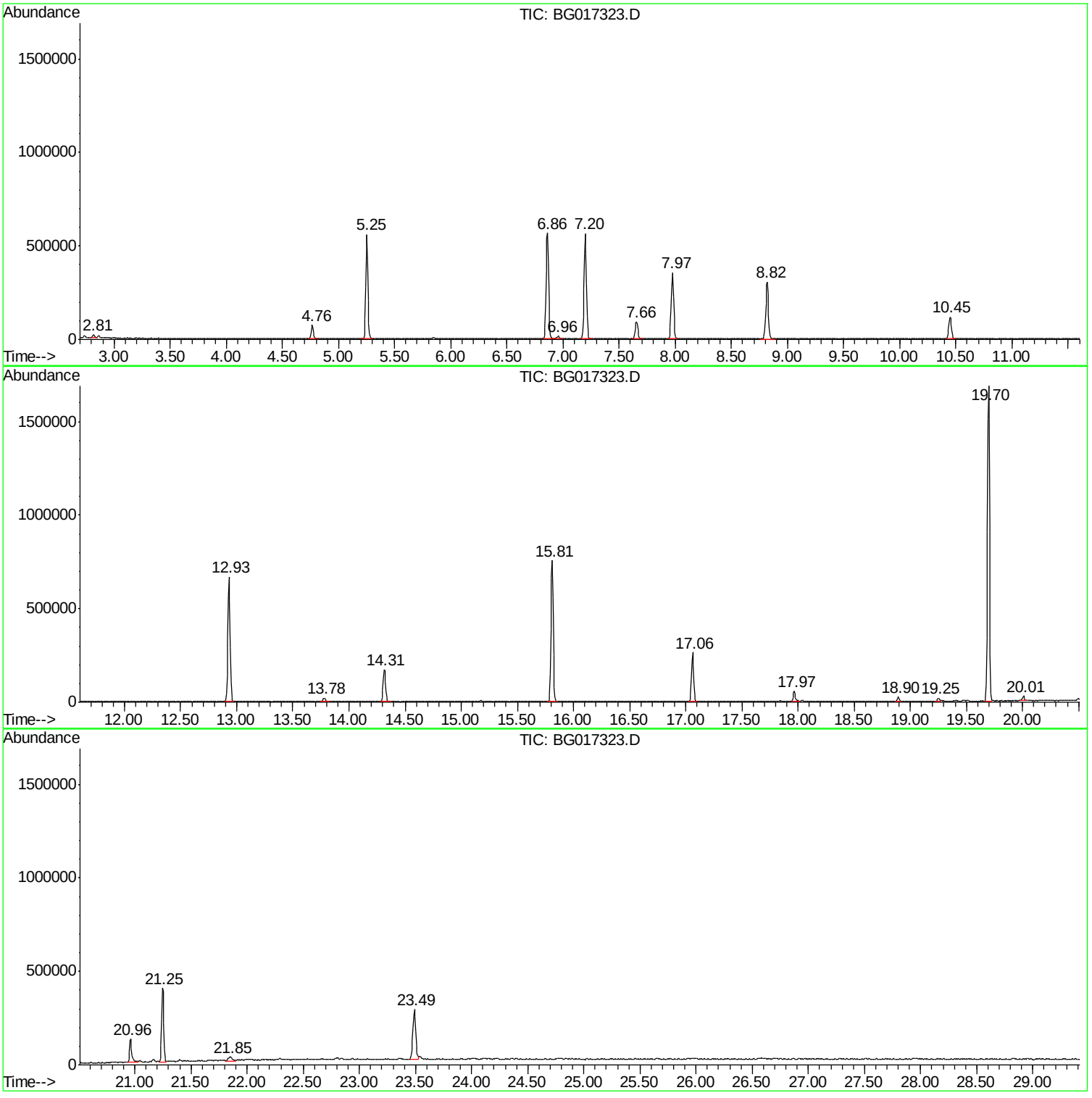
Operator : TP/IZ
Sample : G2387-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017323.D
Acq On : 28 May 2015 13:55
Operator : TP/IZ
Sample : G2387-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

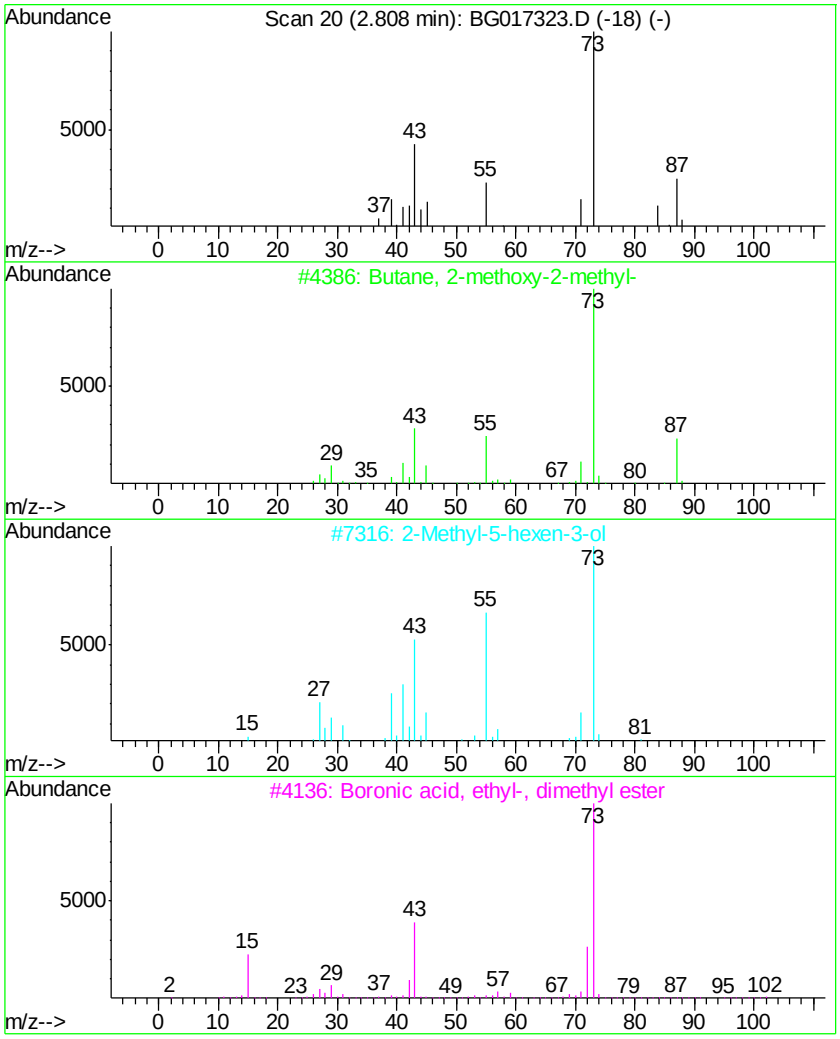
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

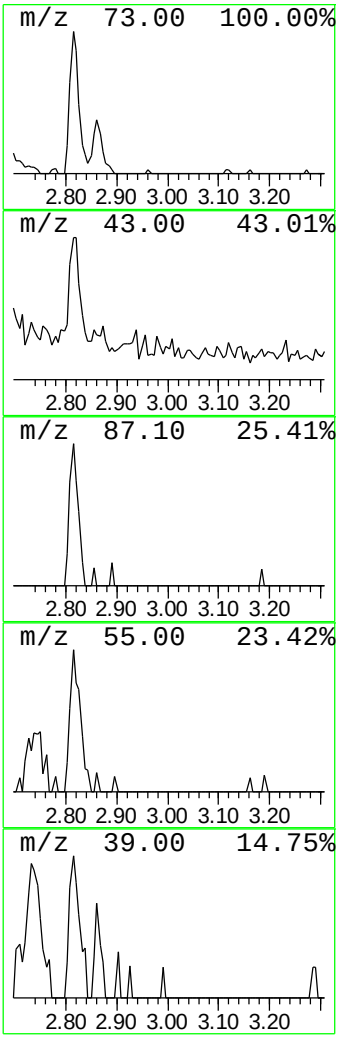
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.81	2.96 ng	21722	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	53
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
3	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	25
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	23
5	1,5-Pentanediamine	102	C5H14N2	000462-94-2	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017323.D
Acq On : 28 May 2015 13:55
Operator : TP/IZ
Sample : G2387-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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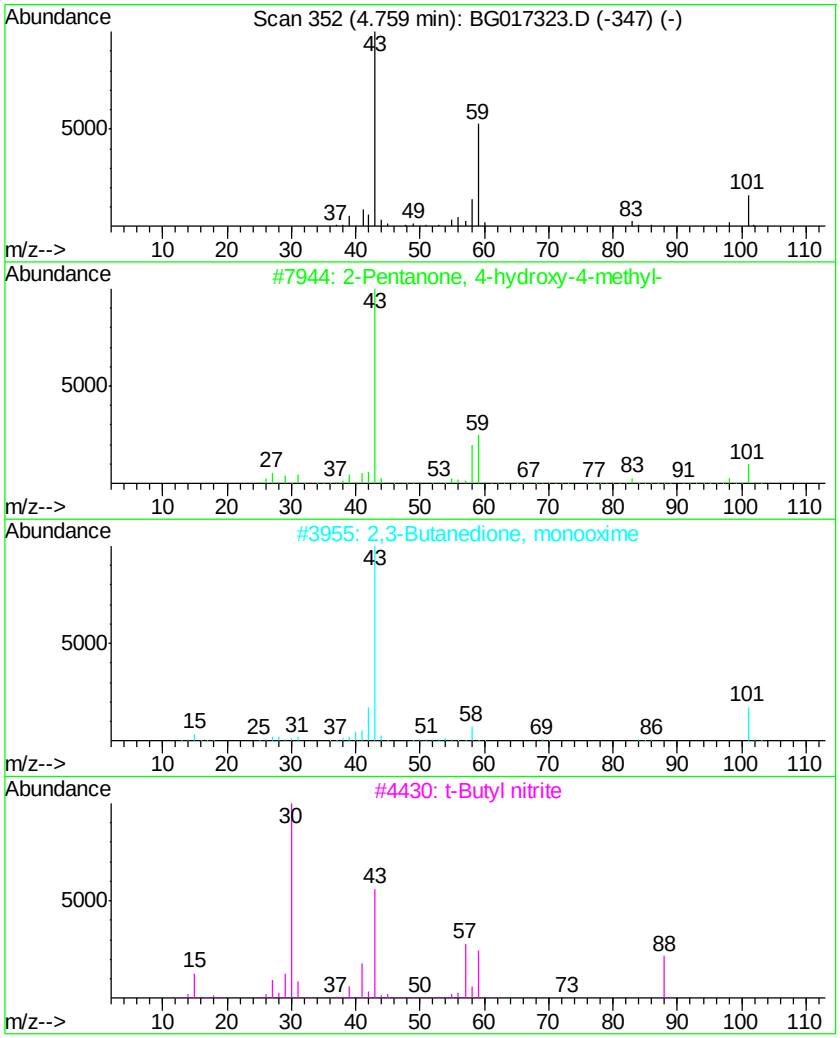
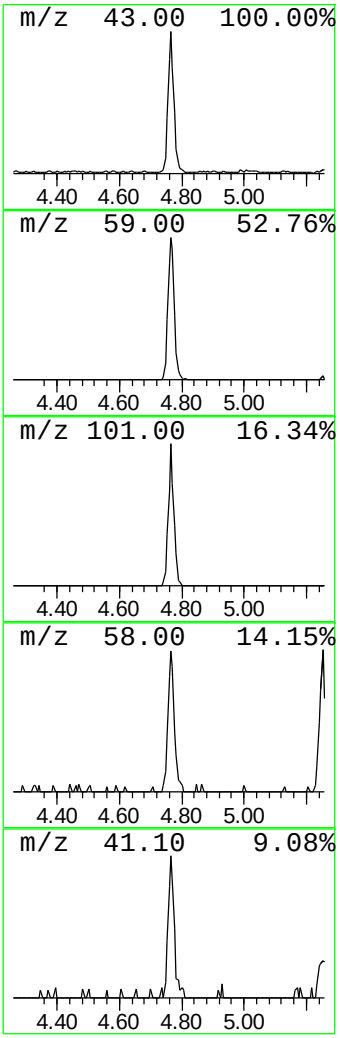
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	14.13 ng	103619	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	t-Butyl nitrite	103	C4H9NO2	000540-80-7	36
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	17





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017323.D
Acq On : 28 May 2015 13:55
Operator : TP/IZ
Sample : G2387-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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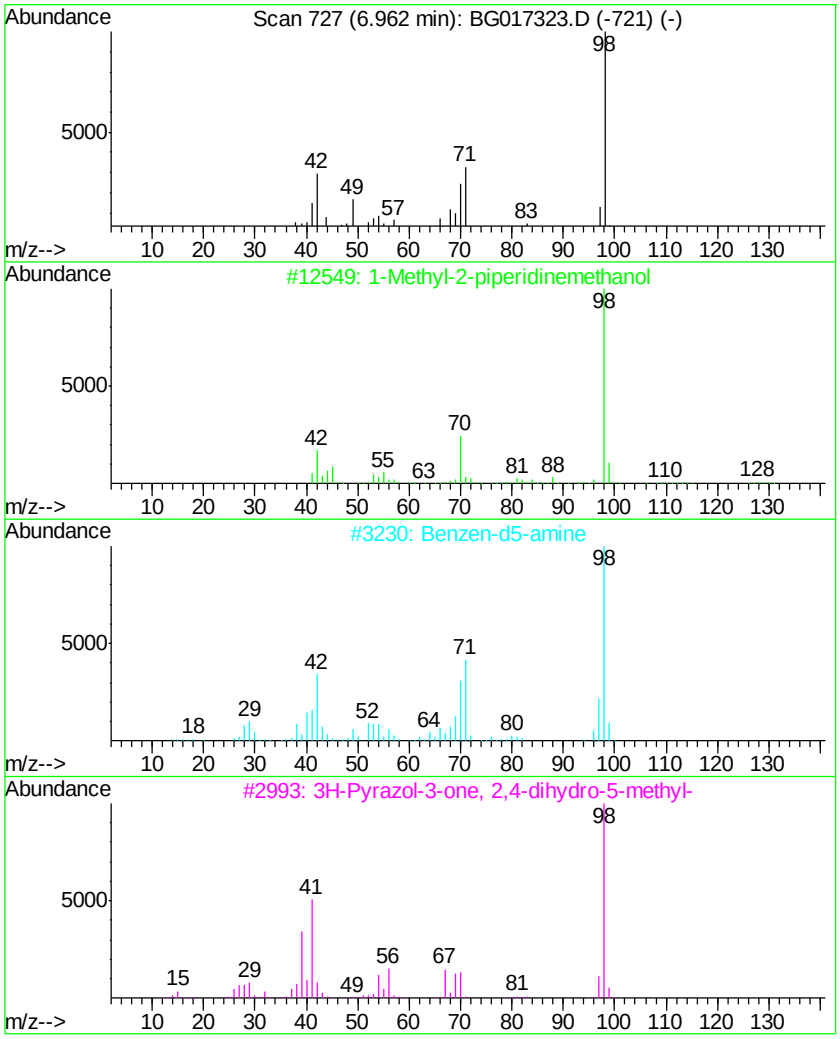
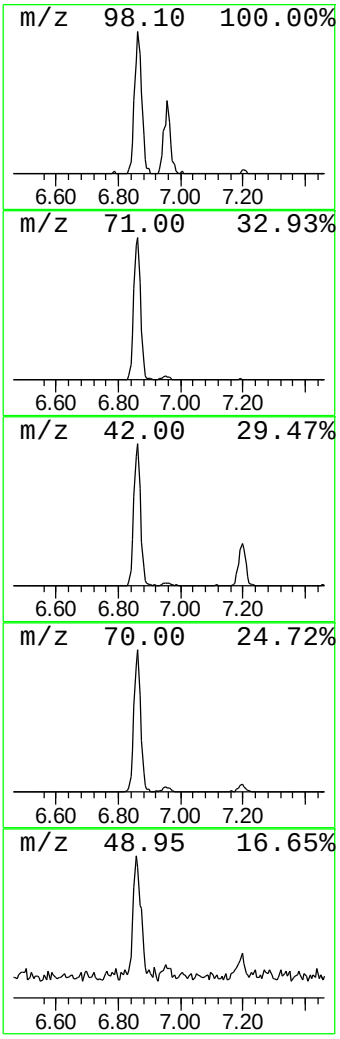
Peak Number 3 1-Methyl-2-piperidinemethanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	3.28 ng	24023	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-piperidinemethanol	129	C7H15NO	020845-34-5	53
2	Benzen-d5-amine	98	C6H2D5N	004165-61-1	50
3	3H-Pyrazol-3-one, 2,4-dihydro-5-...	98	C4H6N2O	000108-26-9	50
4	3-Isoxazolamine, 5-methyl-	98	C4H6N2O	001072-67-9	43
5	4H-1,2,4-Triazol-3-amine, 4-methyl-	98	C3H6N4	016681-76-8	37





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Data File : BG017323.D
Acq On : 28 May 2015 13:55
Operator : TP/IZ
Sample : G2387-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

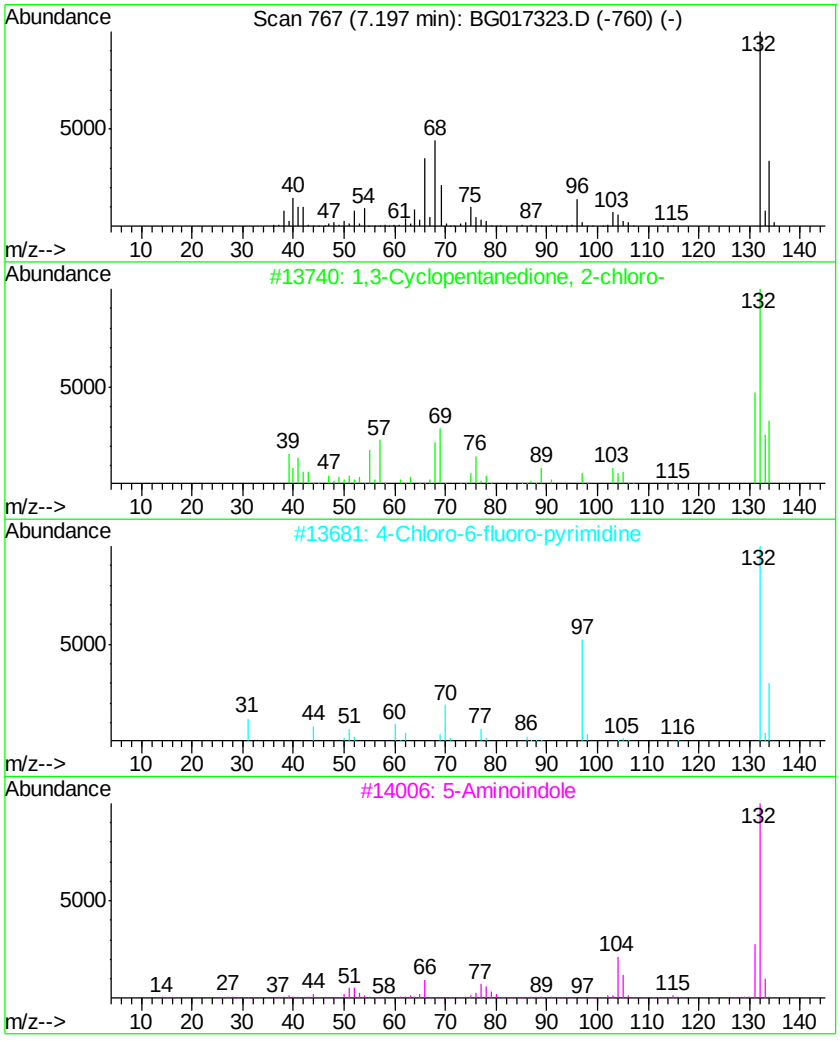
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

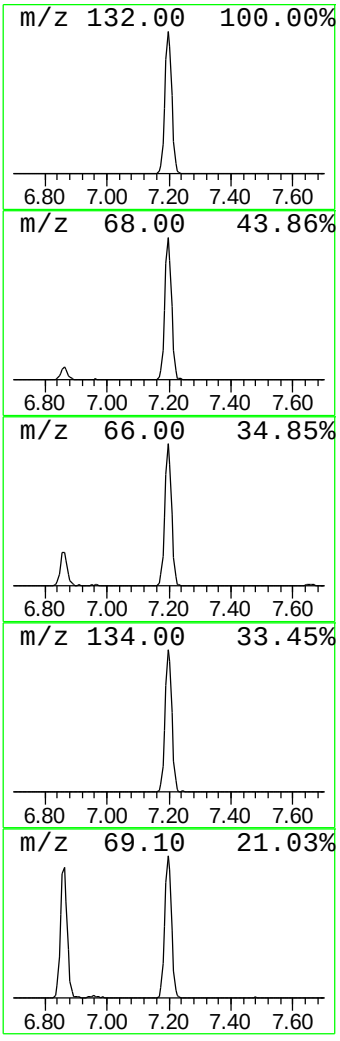
****

Peak Number 4 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	115.67 ng	848150	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Sample : G2387-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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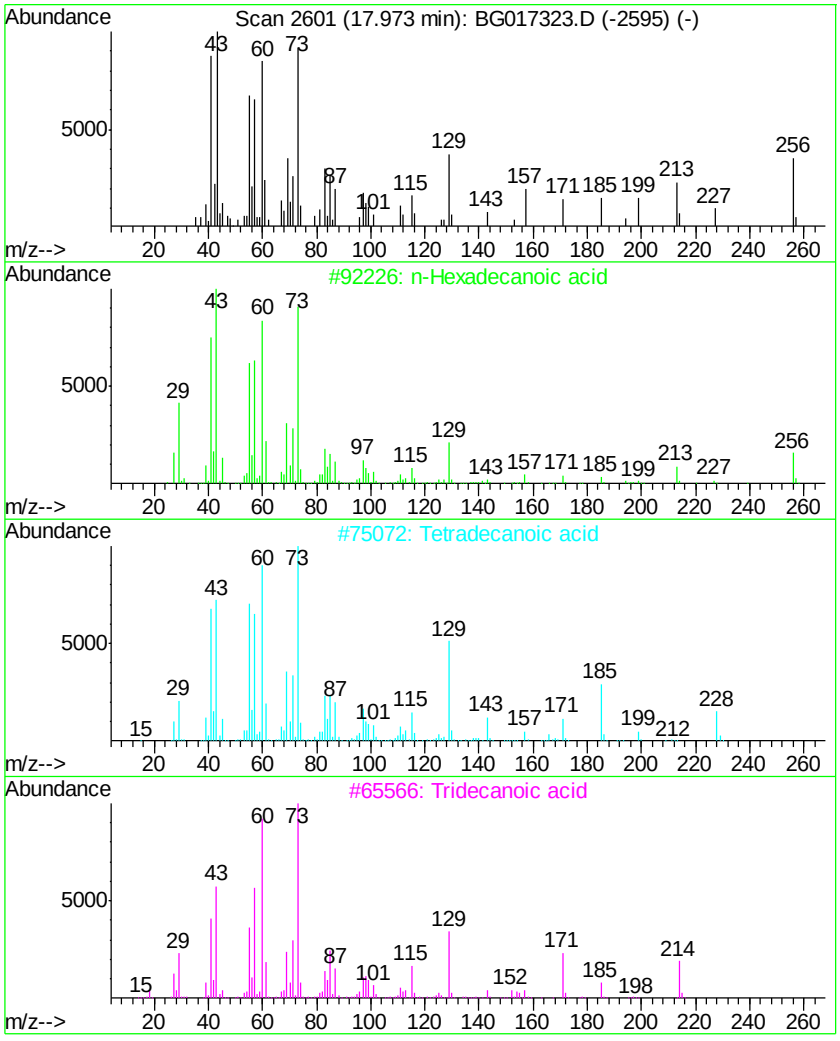
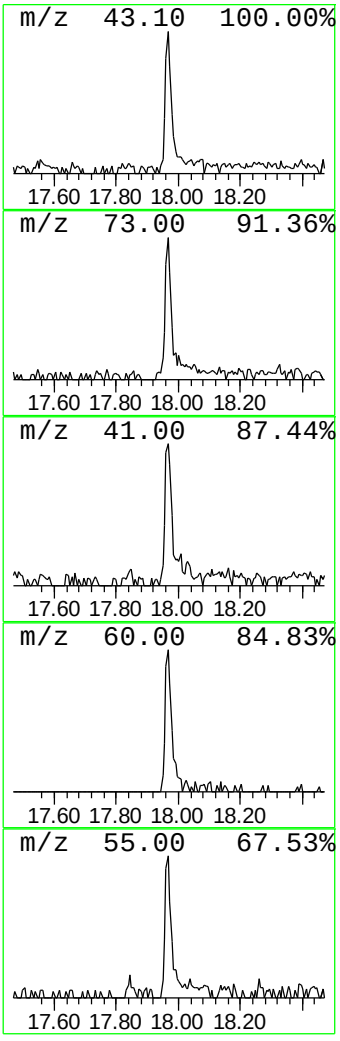
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	4.40 ng	76542	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Nonanoic acid	158	C9H18O2	000112-05-0	50
5	Undecanoic acid	186	C11H22O2	000112-37-8	47





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Sample : G2387-08
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Instrument : BNA_G
ClientSampleId : TP-18-D13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

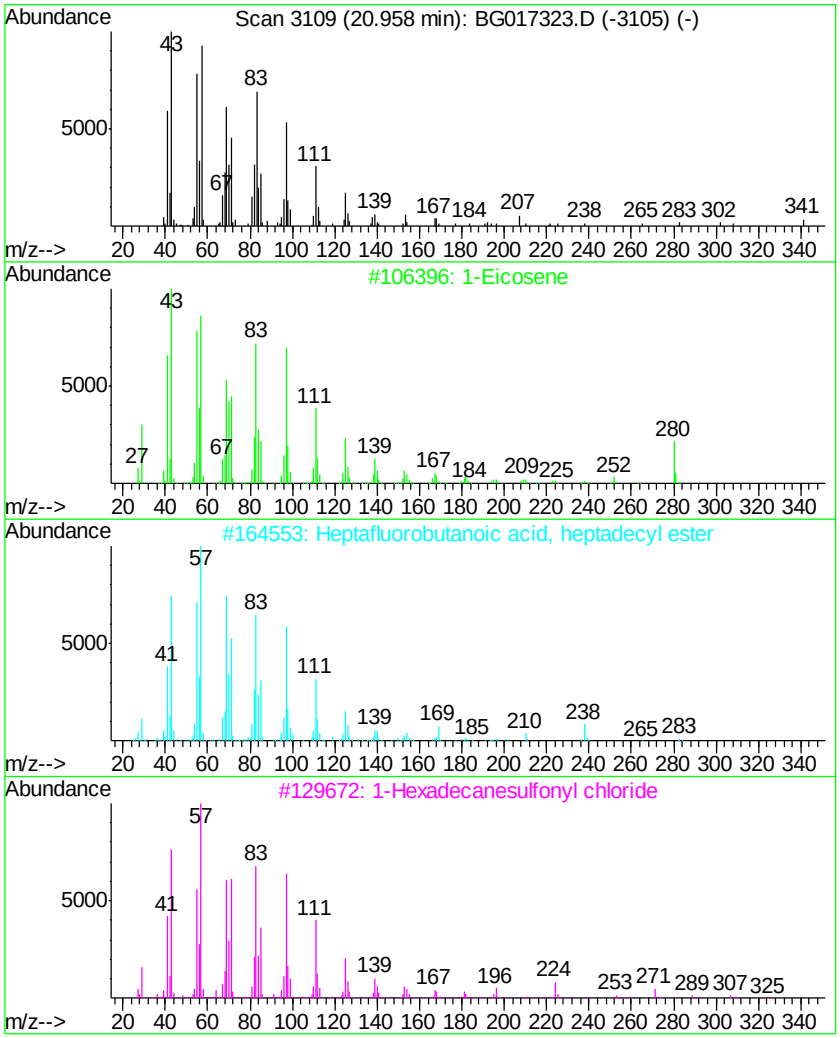
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

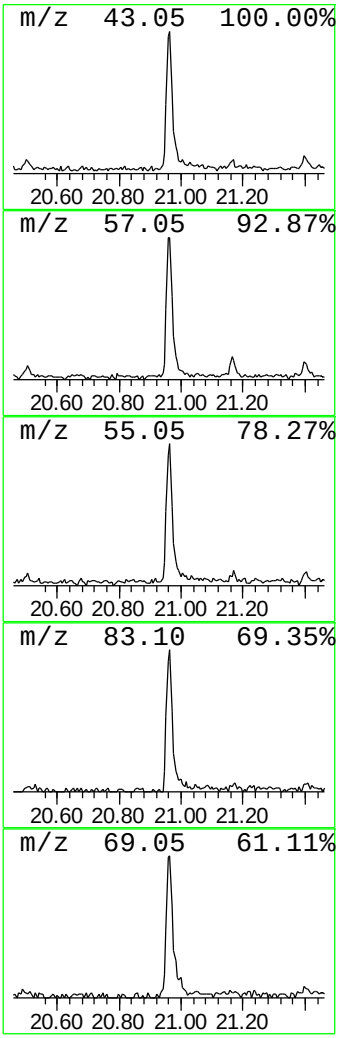
****

Peak Number 7 1-Eicosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	7.30 ng	181553	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	93
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





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Sample : G2387-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

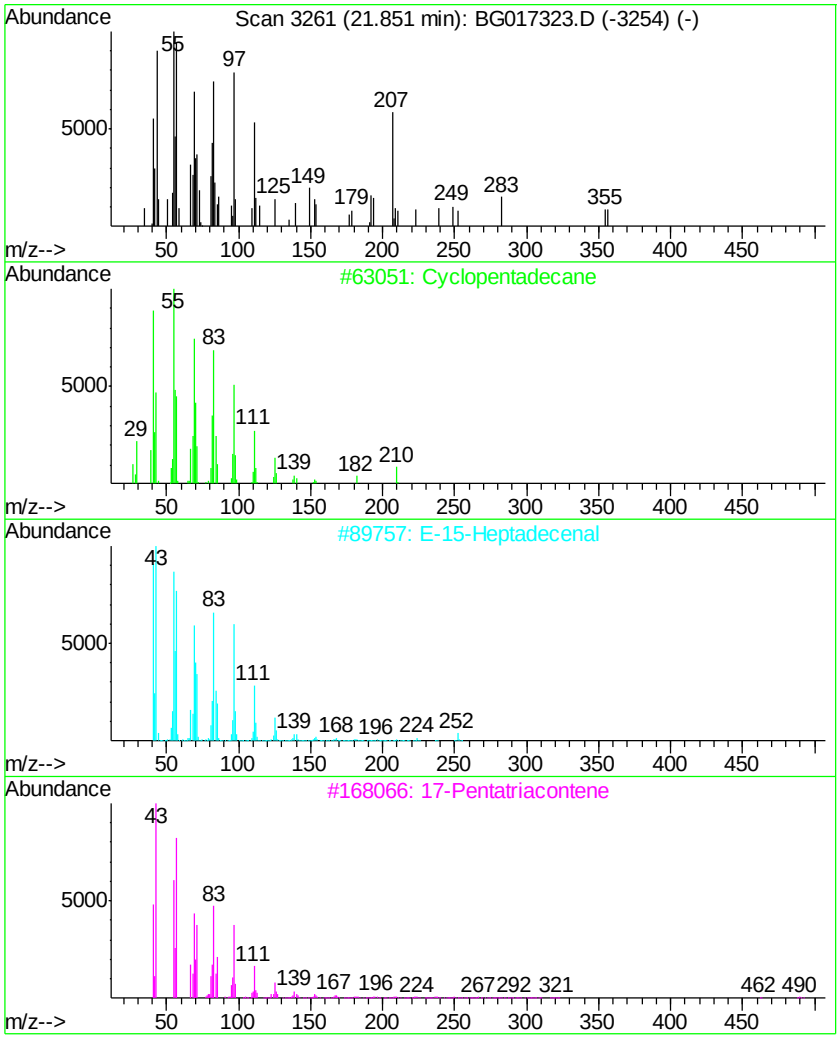
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

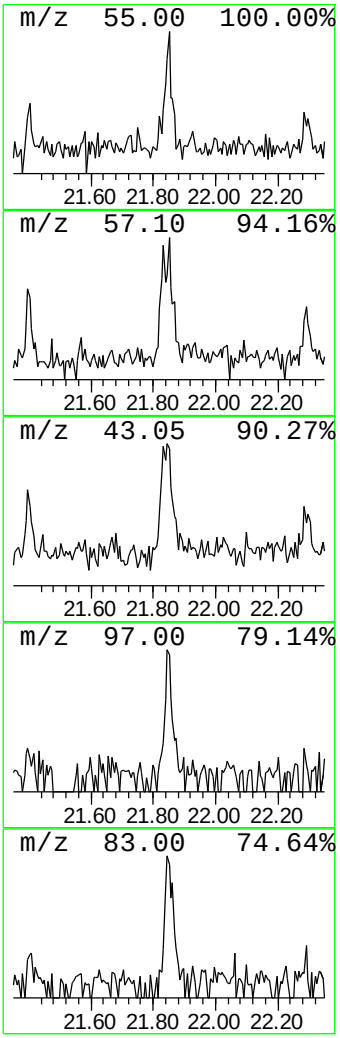
****

Peak Number 8 Cyclopentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	2.26 ng	56164	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	87
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	83
3	17-Pentatriacontene	491	C35H70	006971-40-0	58
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	53
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	49





Tentatively Identified Compound (LSC) summary

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Operator : TP/IZ
Sample : G2387-08
Misc :
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.81	3.0	ng	21722	1	7.66	146655	20.0
2-Pentanone, 4-hy...	4.76	14.1	ng	103619	1	7.66	146655	20.0
1-Methyl-2-piperi...	6.96	3.3	ng	24023	1	7.66	146655	20.0
unknown7.20	7.20	115.7	ng	848150	1	7.66	146655	20.0
n-Hexadecanoic acid	17.97	4.4	ng	76542	4	17.06	347663	20.0
1-Eicosene	20.96	7.3	ng	181553	5	21.25	497667	20.0
Cyclopentadecane	21.85	2.3	ng	56164	5	21.25	497667	20.0