LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017292.D
Acq On : 26 May 2015 23:53
Operator : TP/IZ
Sample : G2383-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-4(8-10)

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	2.820	17	22	27	rBV	45604	54668	2.16%	0.444%
2	4.771	350	354	363	rVB	76506	106123	4.20%	0.862%
3	5.259	431	437	449	rVB	625224	863923	34.21%	7.019%
4	6.868	704	711	722	rBV	644818	966886	38.28%	7.855%
5	7.203	761	768	776	rBV	610267	942188	37.30%	7.655%
6	7.662	839	846	852	rBV	100158	154663	6.12%	1.257%
7	7.979	889	900	908	rBV	428996	666122	26.37%	5.412%
8	8.825	1037	1044	1052	rBV	370272	584864	23.16%	4.752%
9	10.452	1315	1321	1329	rBV	128166	213578	8.46%	1.735%
10	12.938	1737	1744	1750	rBV	883245	1262058	49.97%	10.253%
11	13.778	1882	1887	1896	rVB	58317	78447	3.11%	0.637%
12	14.319	1973	1979	1986	rVB2	208481	303810	12.03%	2.468%
13	15.817	2227	2234	2241	rBV	1049337	1396760	55.30%	11.348%
14	16.040	2268	2272	2280	rBV2	14421	28311	1.12%	0.230%
15	17.068	2441	2447	2453	rBV2	310097	442055	17.50%	3.591%
16	17.973	2596	2601	2610	rBV	156265	206015	8.16%	1.674%
17	19.254	2815	2819	2826	rVB2	51042	66260	2.62%	0.538%
18	19.706	2890	2896	2902	rBV	2017631	2525641	100.00%	20.519%
19	20.964	3106	3110	3119	rBV	159339	214179	8.48%	1.740%
20	21.252	3154	3159	3164	rBV	455715	546815	21.65%	4.443%
21	21.857	3255	3262	3266	rBV6	29520	62639	2.48%	0.509%
22	22.809	3421	3424	3428	rVB4	27638	41784	1.65%	0.339%
23	23.496	3534	3541	3549	rBV2	280860	531354	21.04%	4.317%
24	24.037	3629	3633	3639	rVB6	28900	49524	1.96%	0.402%

Sum of corrected areas: 12308667

LSC Report - Integrated Chromatogram

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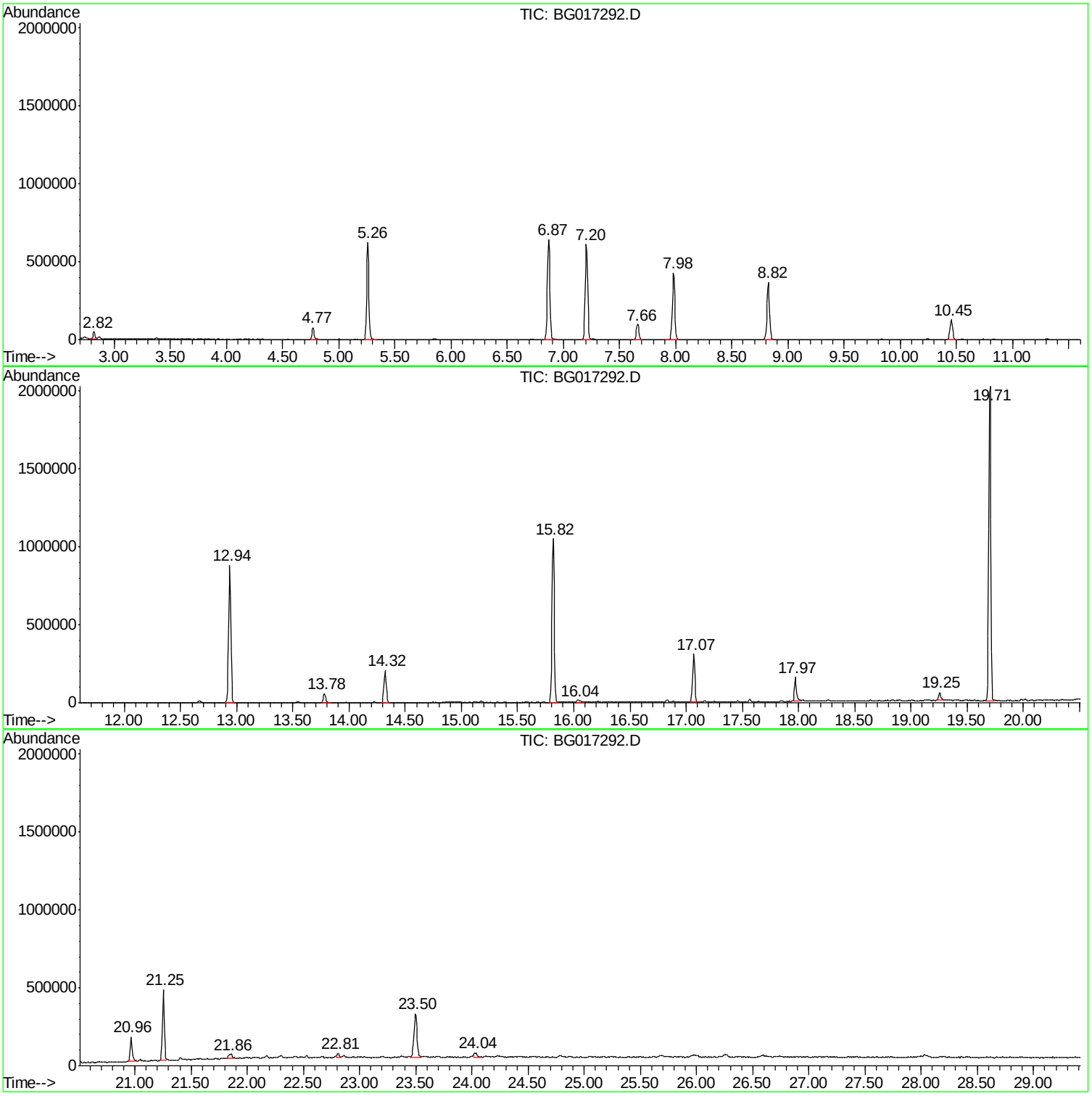
Operator : TP/IZ
Sample : G2383-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-4(8-10)

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\BG052615\
Data File : BG017292.D
Acq On : 26 May 2015 23:53
Operator : TP/IZ
Sample : G2383-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-4(8-10)

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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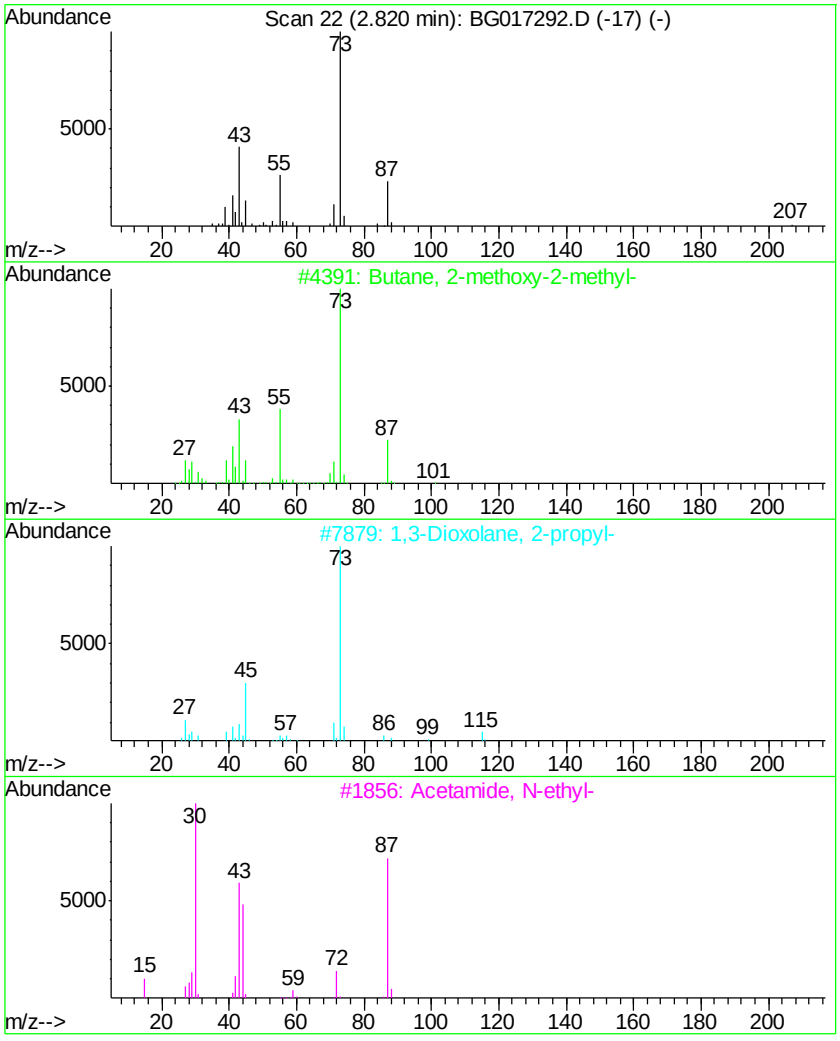
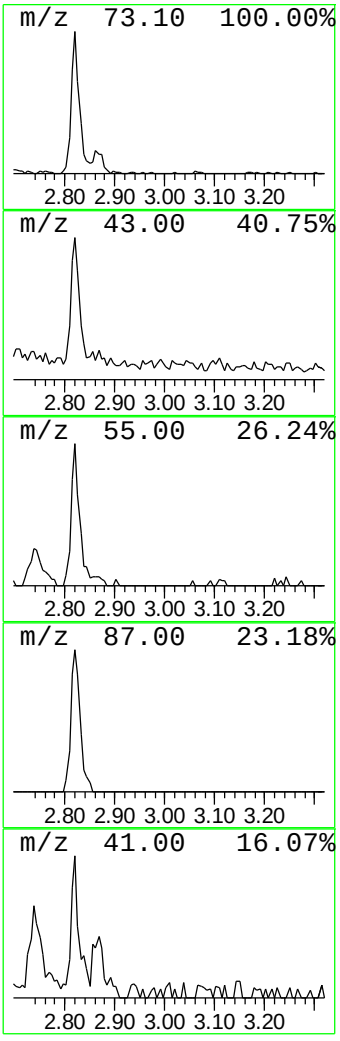
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	7.07 ng	54668	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	72
2	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	28
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





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Data File : BG017292.D
Acq On : 26 May 2015 23:53
Operator : TP/IZ
Sample : G2383-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-4(8-10)

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

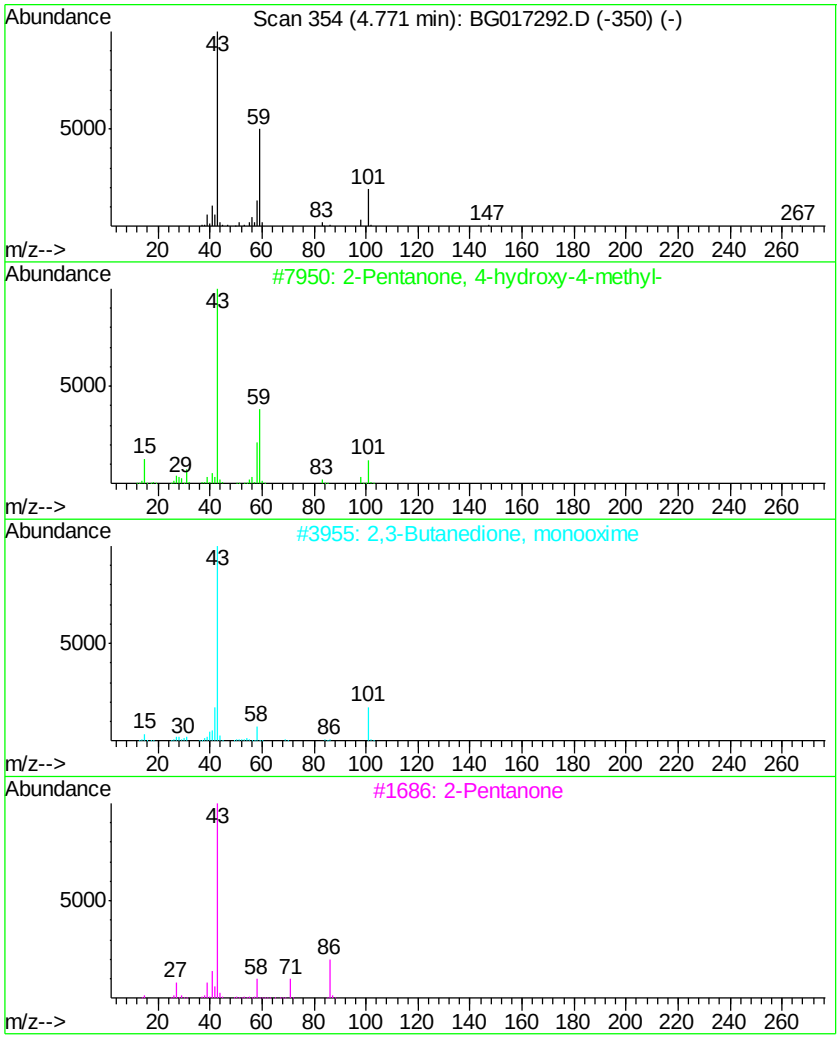
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

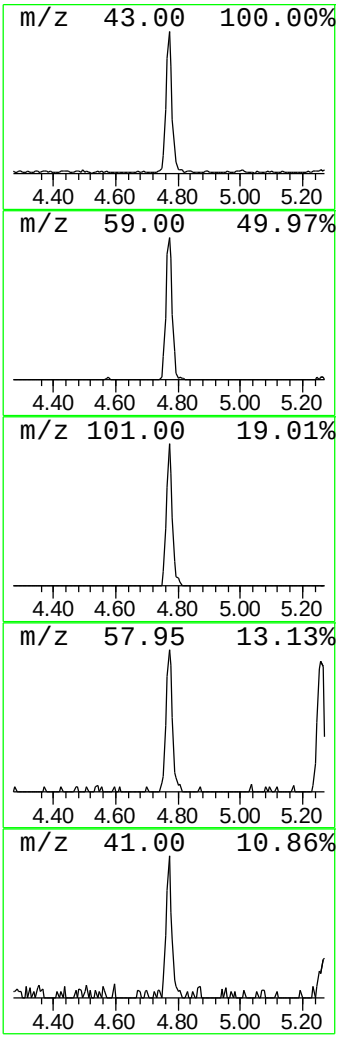
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	13.72 ng	106123	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	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	2-Pentanone	86	C5H10O	000107-87-9	10
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Diacetamide	101	C4H7NO2	000625-77-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017292.D
Acq On : 26 May 2015 23:53
Operator : TP/IZ
Sample : G2383-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-4(8-10)

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

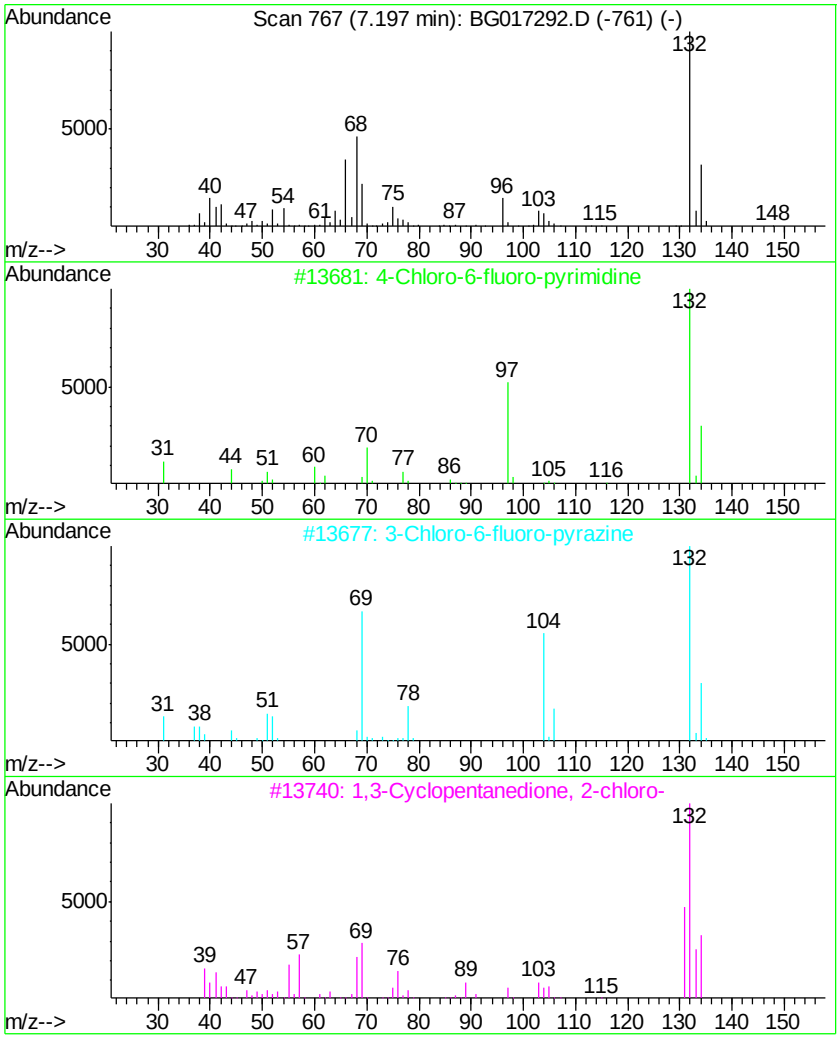
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

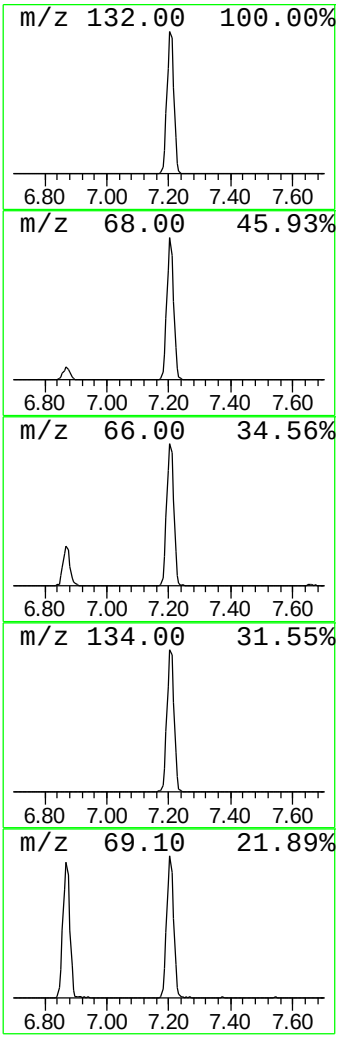
****

Peak Number 3 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	121.84 ng	942188	1,4-Dichlorobenzene-d4	7.66

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	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017292.D
Acq On : 26 May 2015 23:53
Operator : TP/IZ
Sample : G2383-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-4(8-10)

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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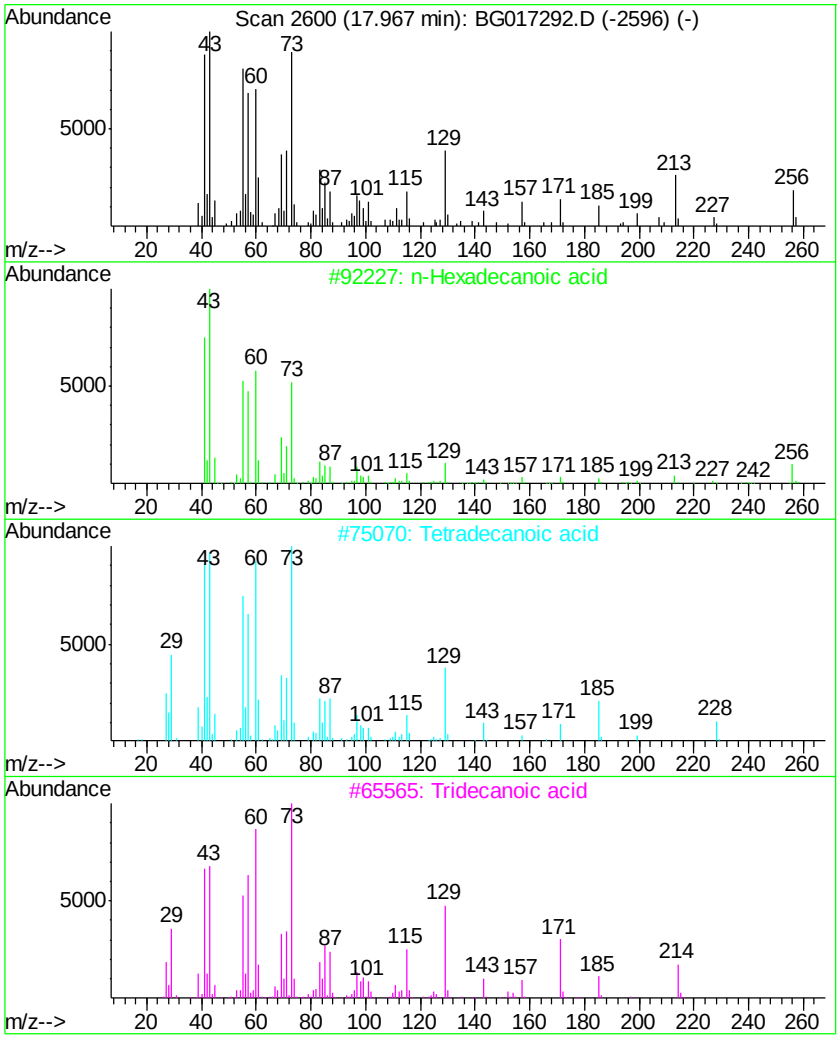
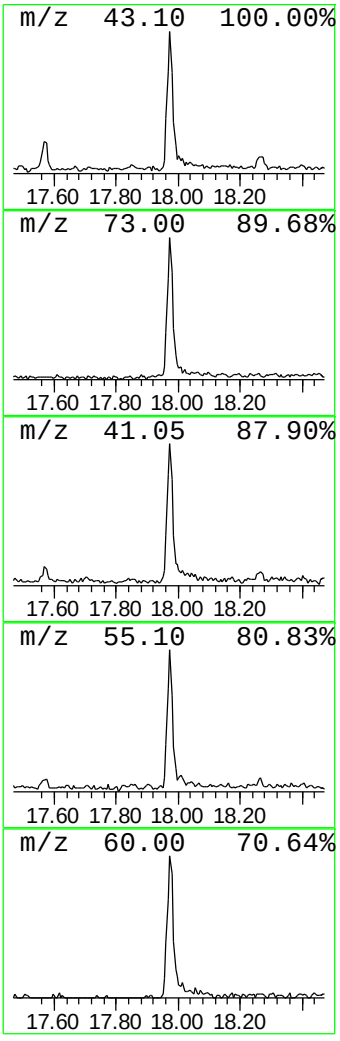
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	9.32 ng	206015	Phenanthrene-d10	17.07

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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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Operator : TP/IZ
Sample : G2383-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-4(8-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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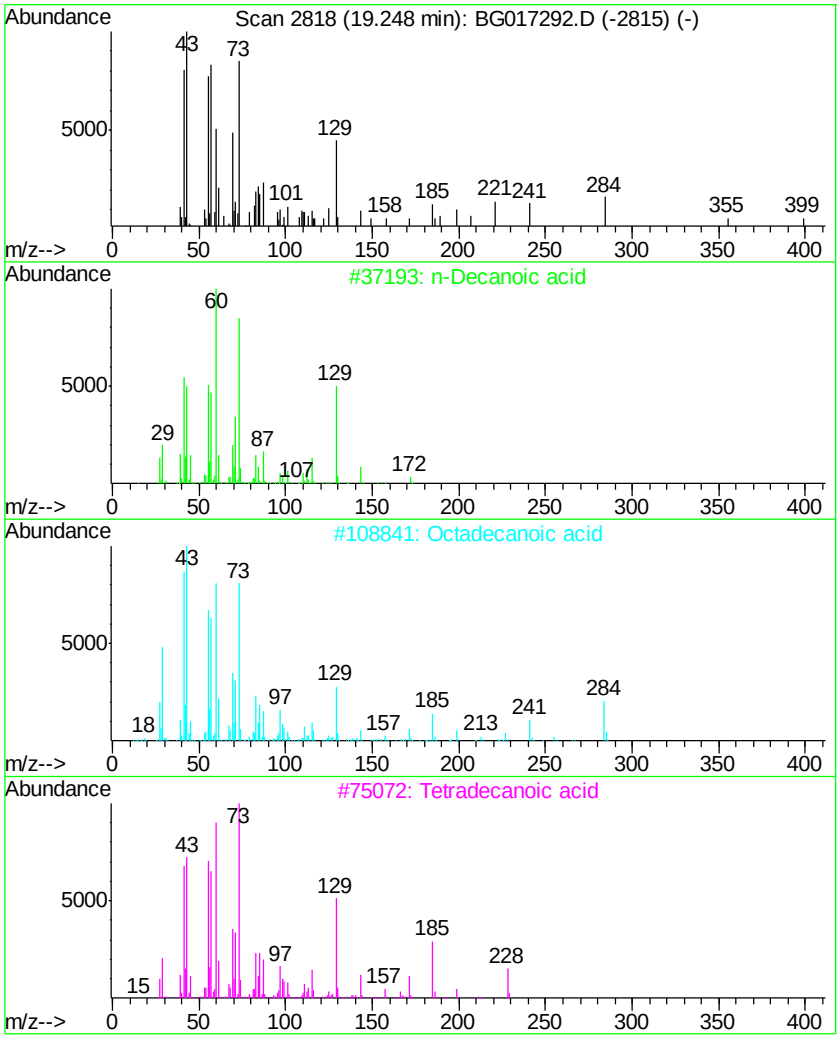
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

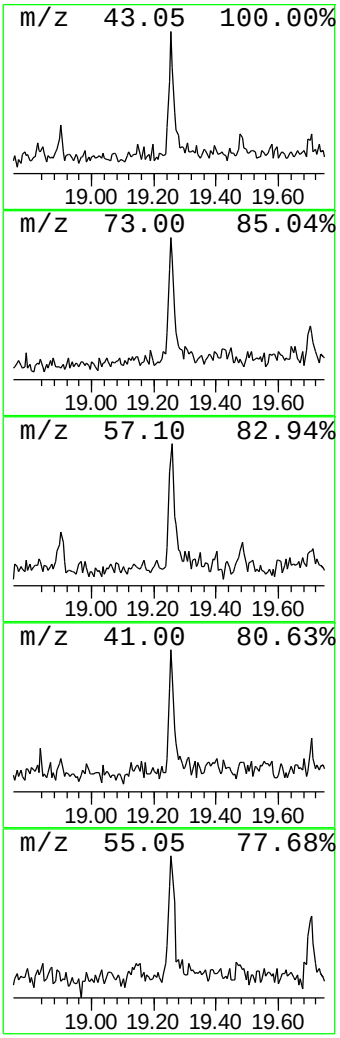
****

Peak Number 6 n-Decanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	2.42 ng	66260	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	86
2	Octadecanoic acid	284	C18H36O2	000057-11-4	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	43
5	Tridecanoic acid	214	C13H26O2	000638-53-9	35





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-4(8-10)

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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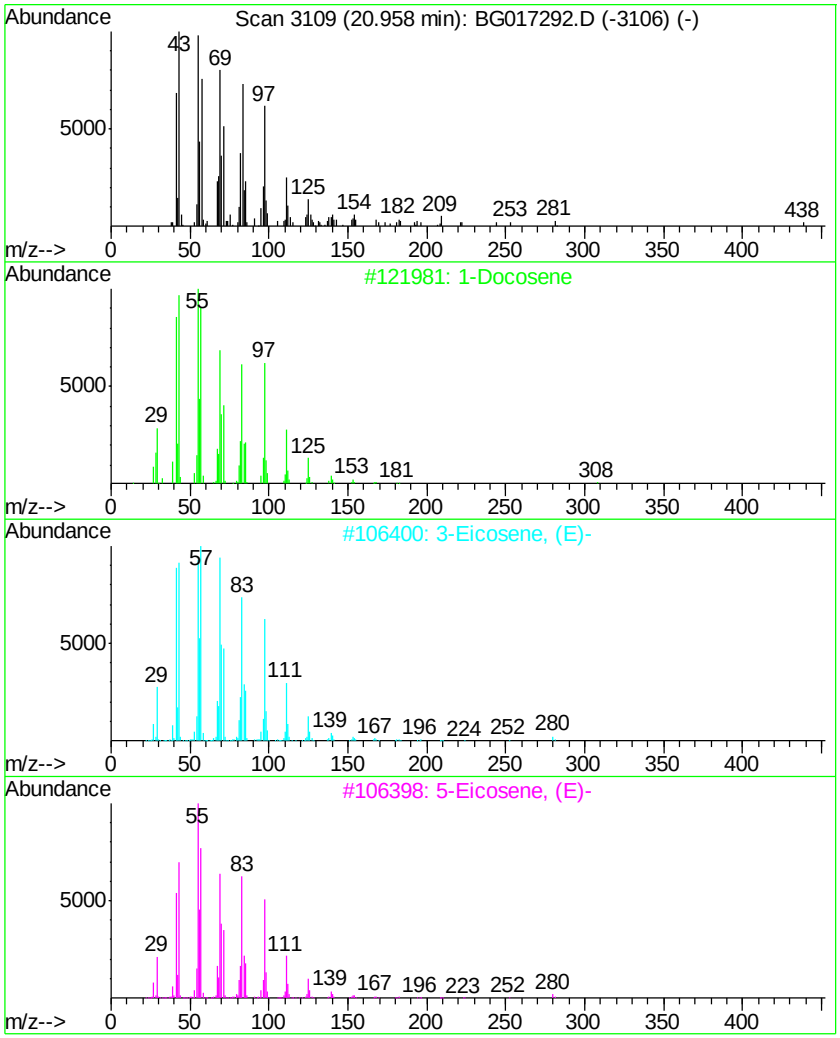
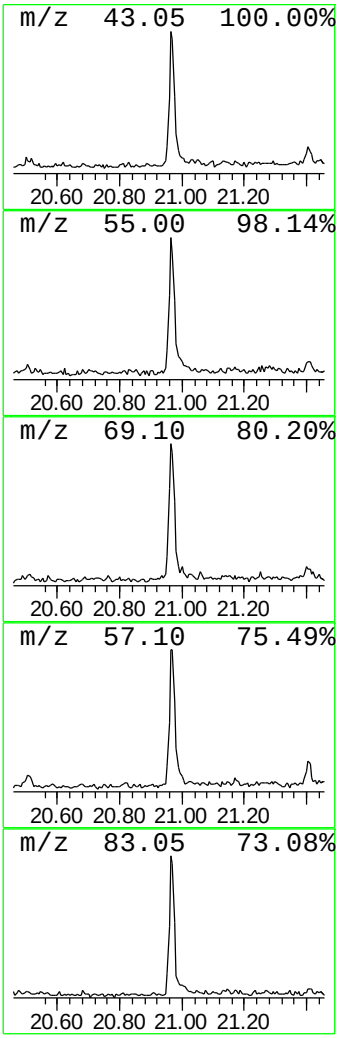
Peak Number 7 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	7.83 ng	214179	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
5	1-Eicosene	280	C20H40	003452-07-1	94





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Sample : G2383-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-4(8-10)

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

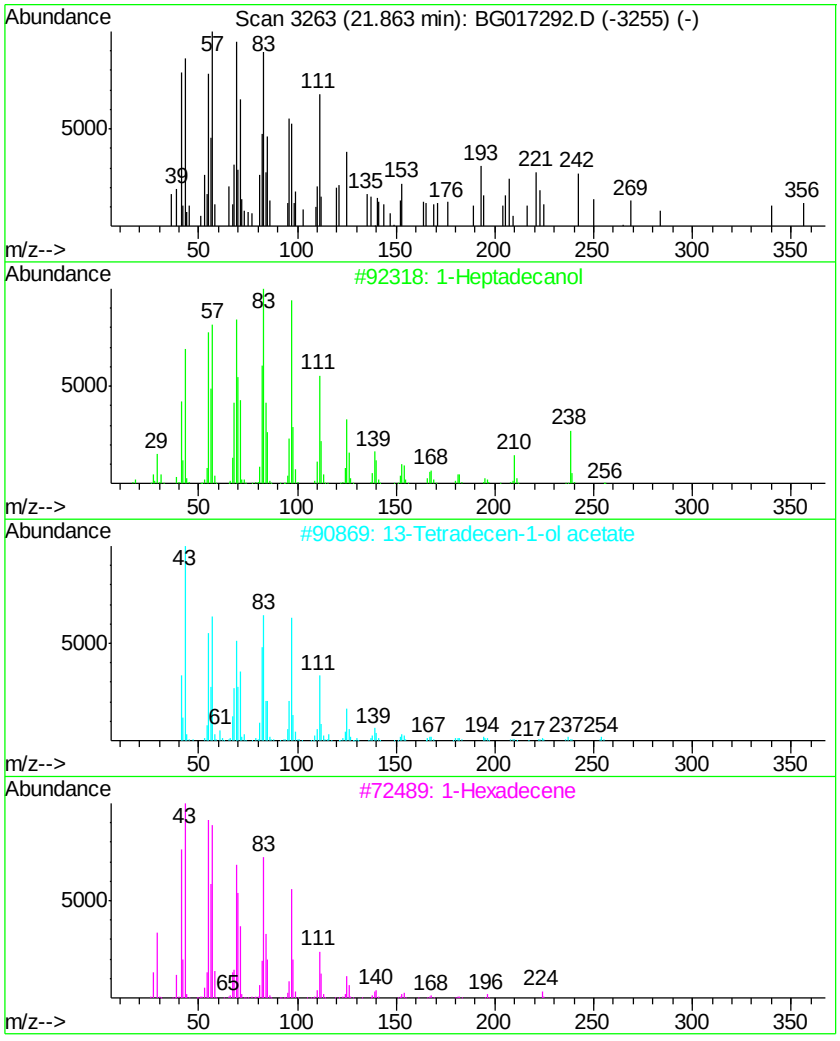
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

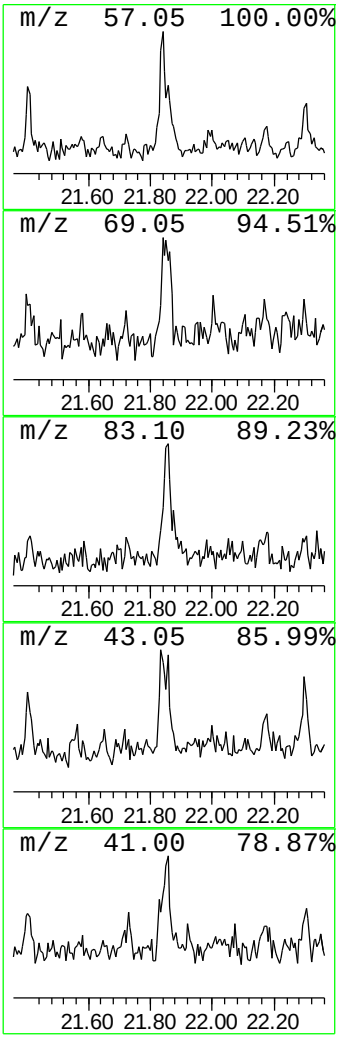
****

Peak Number 8 1-Heptadecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	2.29 ng	62639	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol	256	C17H36O	001454-85-9	83
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	58
3	1-Hexadecene	224	C16H32	000629-73-2	55
4	1-Tetracosanol	354	C24H50O	000506-51-4	53
5	1-Heptadecene	238	C17H34	006765-39-5	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
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Misc :
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ClientSampleId : HF-4(8-10)

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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...	2.82	7.1	ng	54668	1	7.66	154663	20.0
2-Pentanone, 4-hy...	4.77	13.7	ng	106123	1	7.66	154663	20.0
unknown7.20	7.20	121.8	ng	942188	1	7.66	154663	20.0
n-Hexadecanoic acid	17.97	9.3	ng	206015	4	17.07	442055	20.0
n-Decanoic acid	19.25	2.4	ng	66260	5	21.25	546815	20.0
1-Docosene	20.96	7.8	ng	214179	5	21.25	546815	20.0
1-Heptadecanol	21.86	2.3	ng	62639	5	21.25	546815	20.0