LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017207.D
Acq On : 19 May 2015 20:25
Operator : TP/IZ
Sample : G2278-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10(22-24)

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	2.783	10	16	23	rVV3	41246	73960	1.96%	0.371%
2	2.860	25	29	34	rVV	146113	184696	4.89%	0.927%
3	2.907	34	37	43	rVB3	25777	38490	1.02%	0.193%
4	4.805	354	360	367	rBV	354972	484416	12.83%	2.432%
5	5.286	437	442	451	rBV	1023728	1463658	38.78%	7.350%
6	5.886	539	544	550	rBV	29673	42662	1.13%	0.214%
7	6.896	709	716	726	rBV	1113879	1677931	44.46%	8.425%
8	7.237	767	774	783	rBV	1037183	1616485	42.83%	8.117%
9	7.695	845	852	859	rVB	177847	282806	7.49%	1.420%
10	8.013	900	906	913	rBV	725142	1123795	29.77%	5.643%
11	8.853	1042	1049	1056	rBV	612008	1018065	26.97%	5.112%
12	10.492	1319	1328	1336	rBV	222331	371385	9.84%	1.865%
13	12.971	1741	1750	1757	rBV	1375319	2047526	54.25%	10.281%
14	13.806	1888	1892	1899	rBV	80923	112987	2.99%	0.567%
15	14.352	1977	1985	1994	rBV2	362374	529065	14.02%	2.657%
16	15.850	2232	2240	2252	rBV	1545789	2269540	60.13%	11.396%
17	17.102	2446	2453	2461	rVB	529554	716003	18.97%	3.595%
18	18.001	2599	2606	2613	rBV2	70879	103366	2.74%	0.519%
19	19.734	2895	2901	2907	rBV	3224220	3774428	100.00%	18.953%
20	20.997	3109	3116	3126	rBV2	146176	251309	6.66%	1.262%
21	21.285	3157	3165	3172	rBV	708719	874165	23.16%	4.389%
22	22.472	3363	3367	3373	rVB3	34921	47391	1.26%	0.238%
23	23.547	3543	3550	3559	rVB2	424584	810886	21.48%	4.072%

Sum of corrected areas: 19915015

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017207.D
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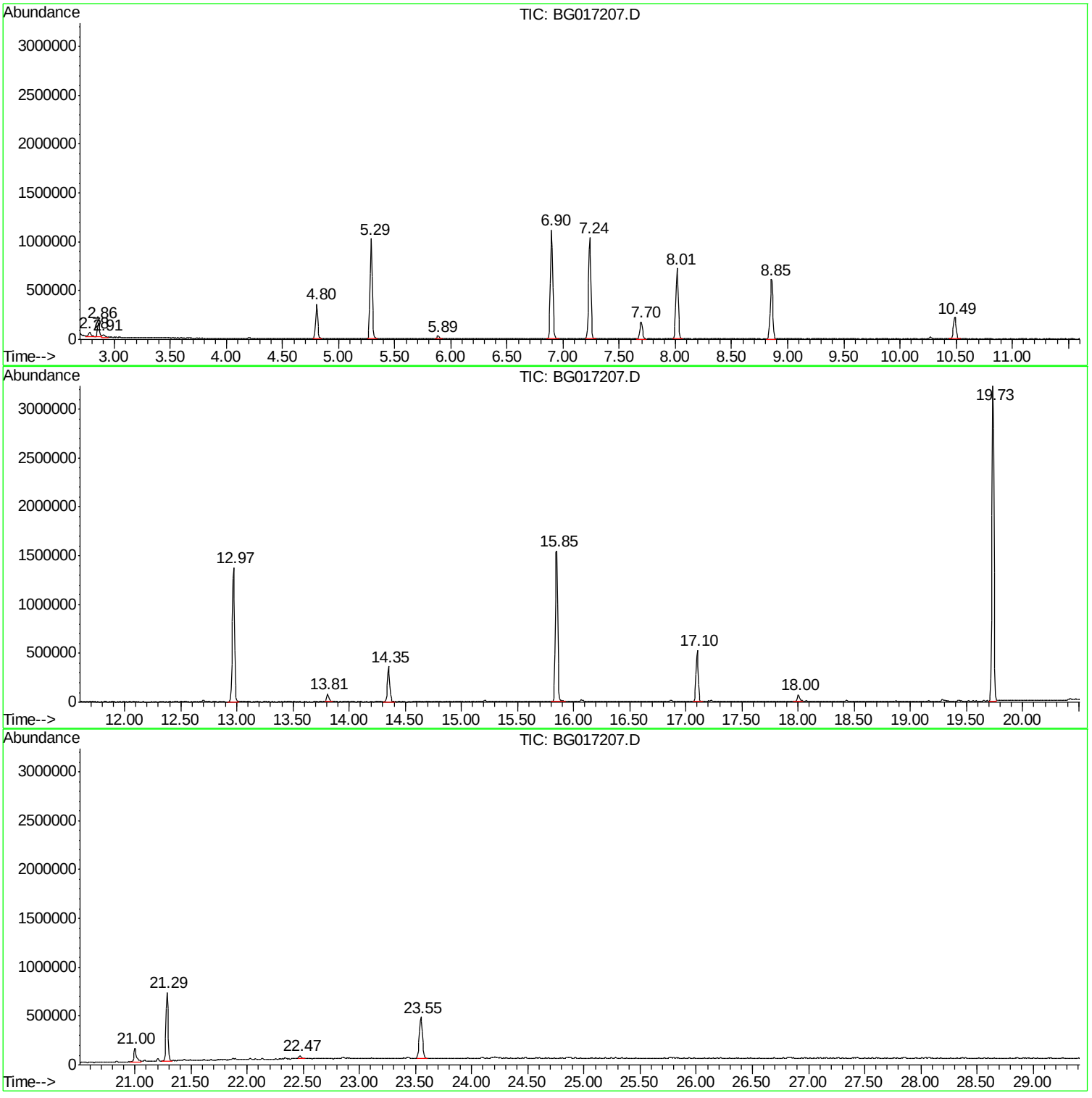
Operator : TP/IZ
Sample : G2278-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10(22-24)

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\BG051915\
Data File : BG017207.D
Acq On : 19 May 2015 20:25
Operator : TP/IZ
Sample : G2278-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10(22-24)

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

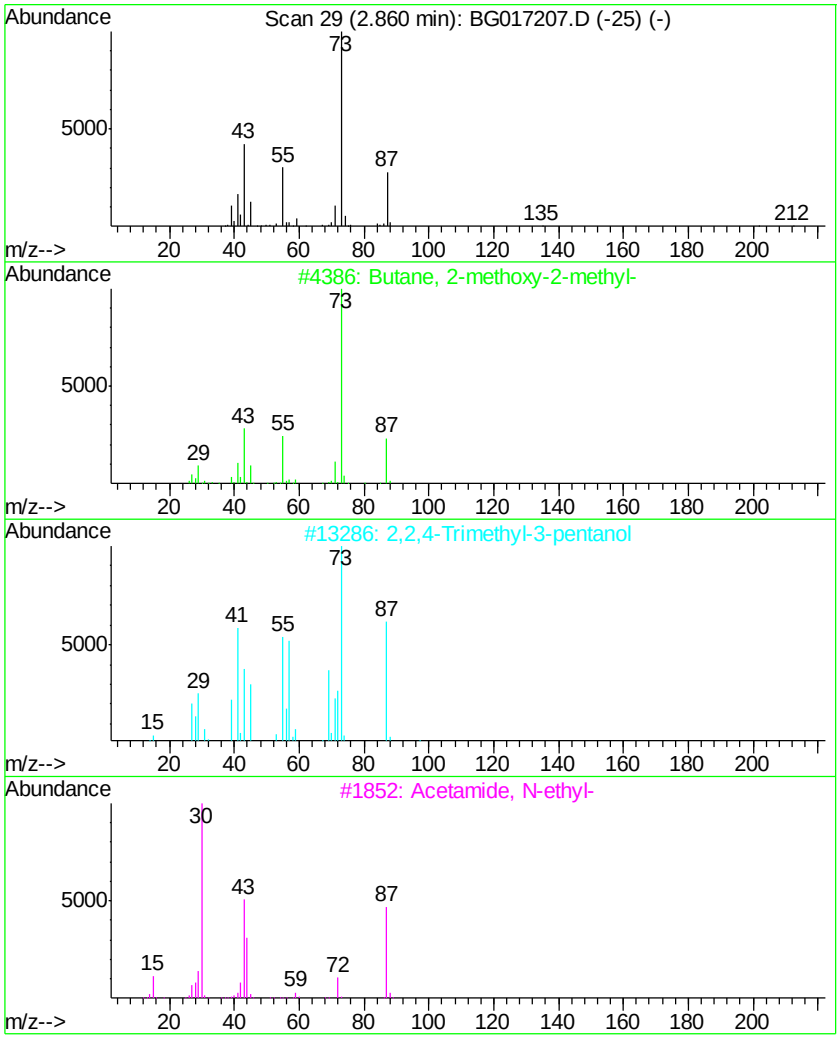
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

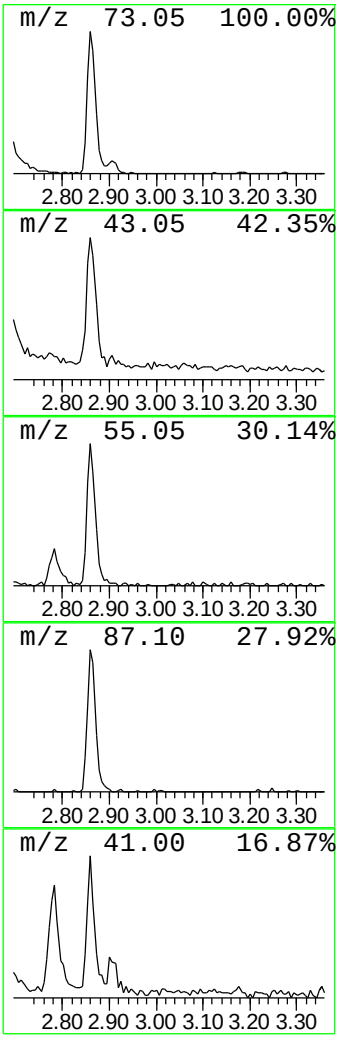
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	13.06 ng	184696	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	9





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Data File : BG017207.D
Acq On : 19 May 2015 20:25
Operator : TP/IZ
Sample : G2278-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10(22-24)

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

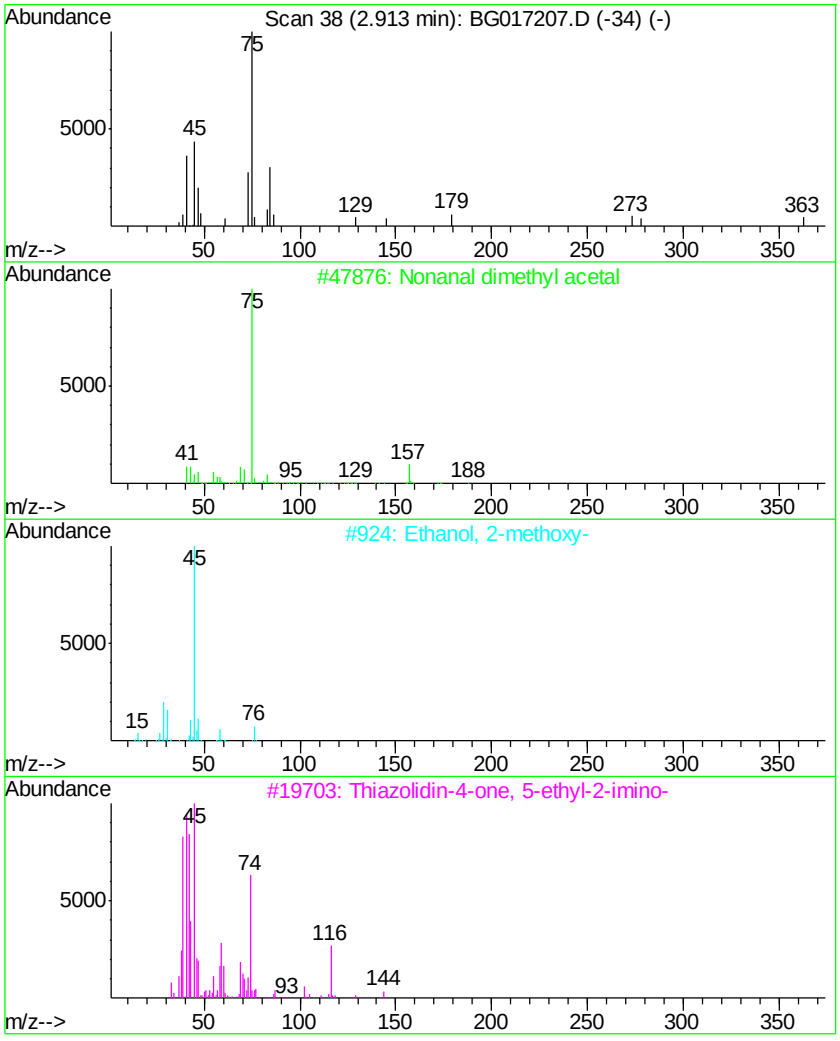
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

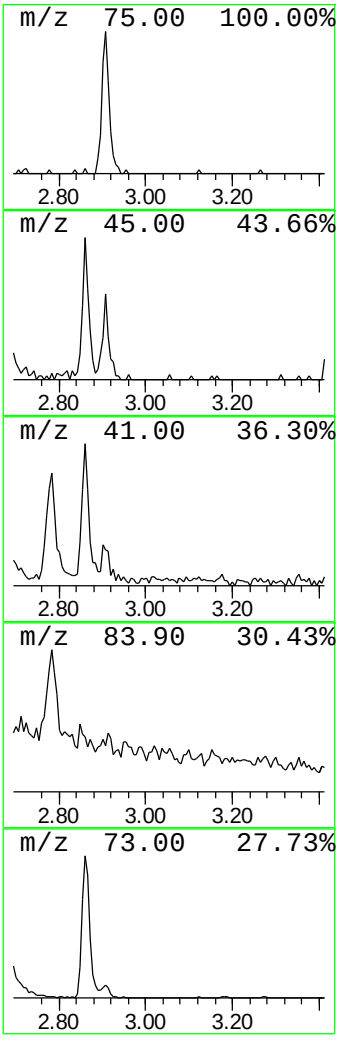
****

Peak Number 3 unknown2.91 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	2.72 ng	38490	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal dimethyl acetal	188	C11H24O2	018824-63-0	28
2	Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	10
3	Thiazolidin-4-one, 5-ethyl-2-imino-	144	C5H8N2OS	001762-69-2	9
4	2-Octanol, 8,8-dimethoxy-	190	C10H22O3	312305-55-8	9
5	Undecanal dimethyl acetal	216	C13H28O2	052517-67-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017207.D
Acq On : 19 May 2015 20:25
Operator : TP/IZ
Sample : G2278-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10(22-24)

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

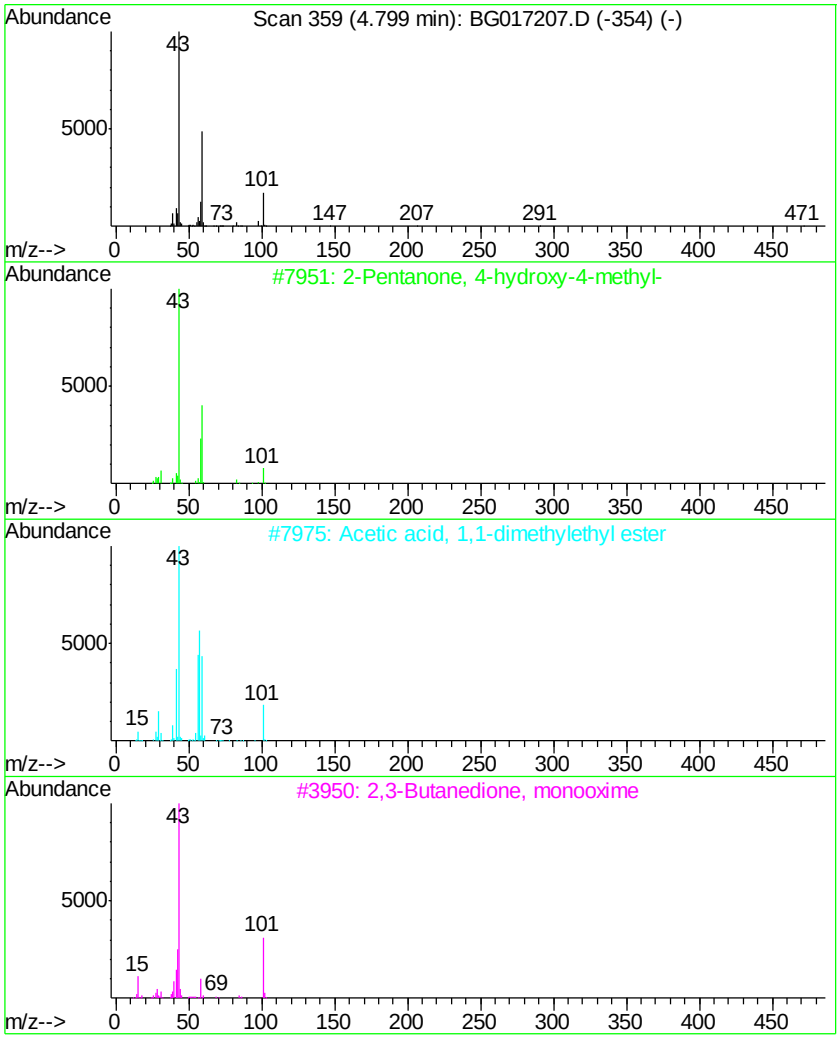
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

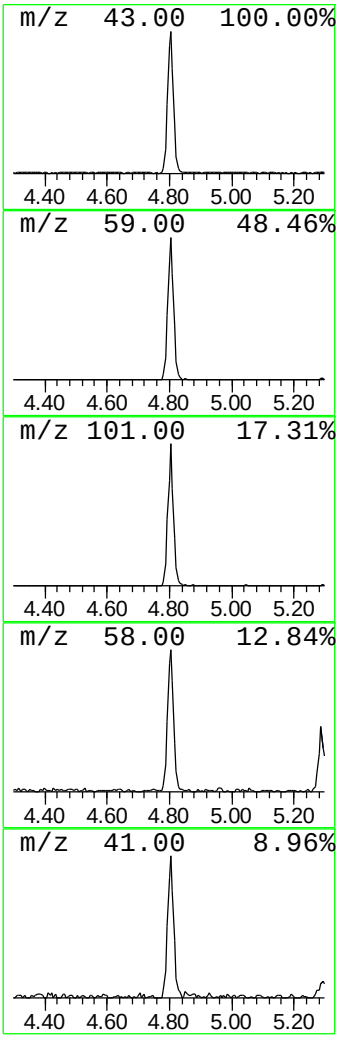
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	34.26 ng	484416	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017207.D
Acq On : 19 May 2015 20:25
Operator : TP/IZ
Sample : G2278-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10(22-24)

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

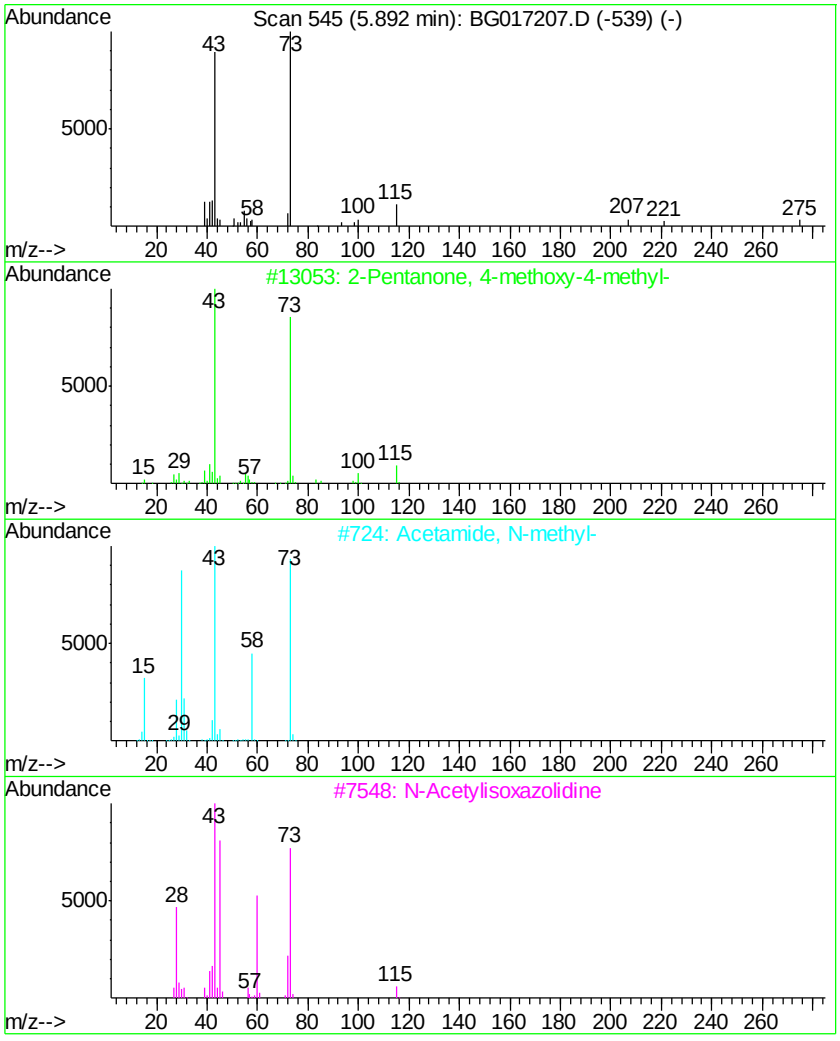
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

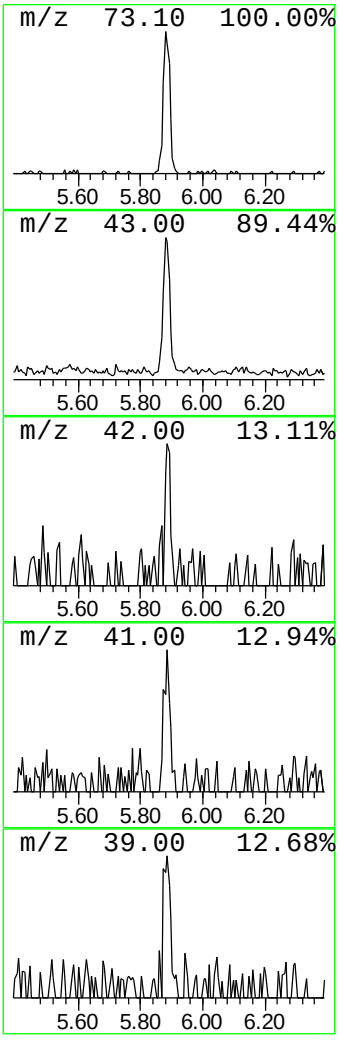
****

Peak Number 5 Acetamide, N-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	3.02 ng	42662	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	72
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	50
3	N-Acetylisoxazolidine	115	C5H9NO2	115615-36-6	50
4	Pentanoic acid, 4-oxo-	116	C5H8O3	000123-76-2	35
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	27





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Sample : G2278-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10(22-24)

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

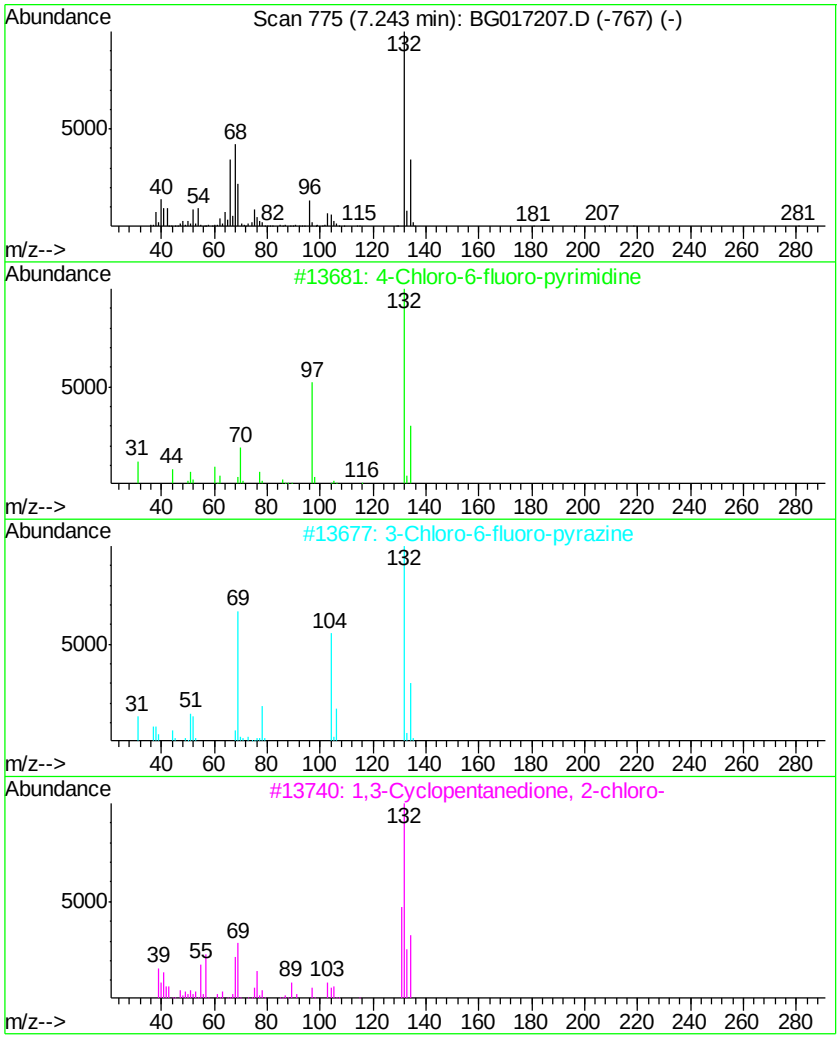
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

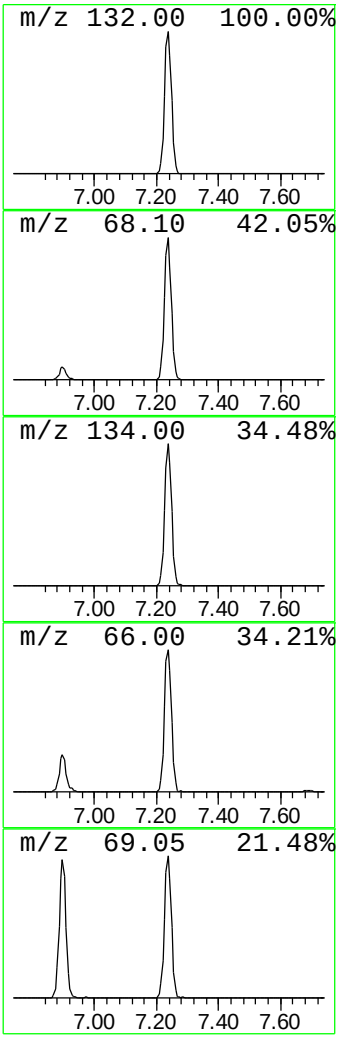
****

Peak Number 6 unknown7.24 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	114.32 ng	1616490	1,4-Dichlorobenzene-d4	7.70

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





Library Search Compound Report

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Operator : TP/IZ
Sample : G2278-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10(22-24)

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

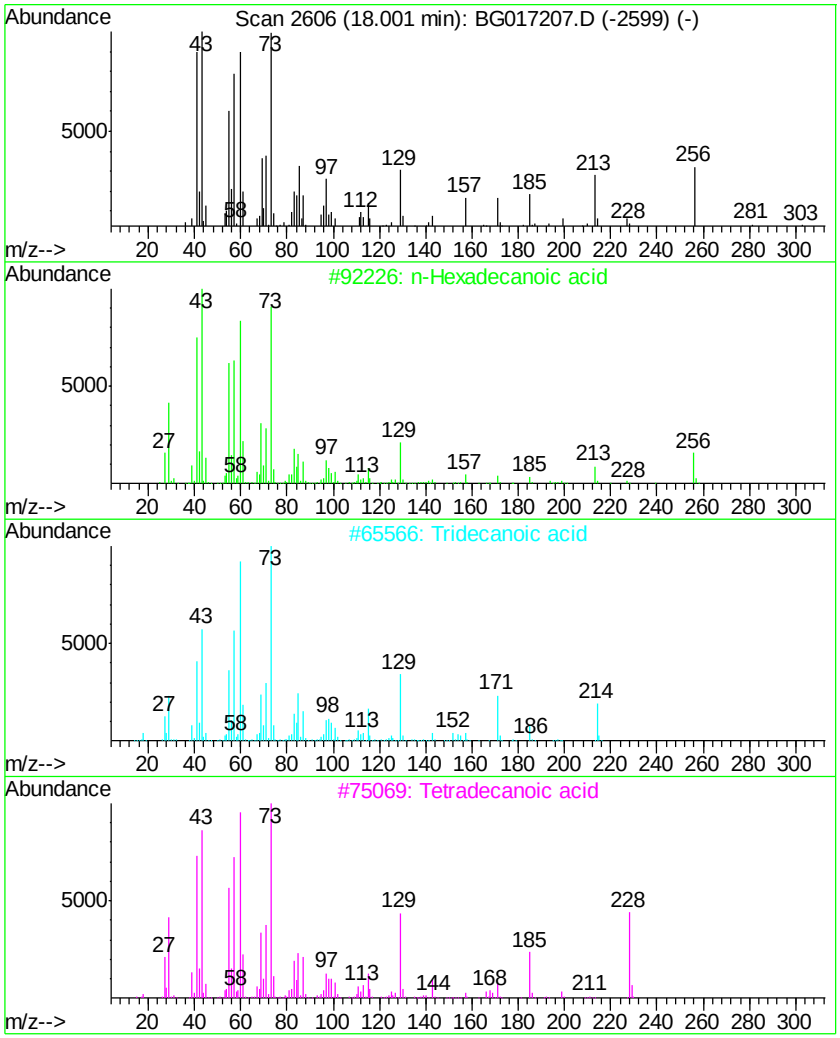
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

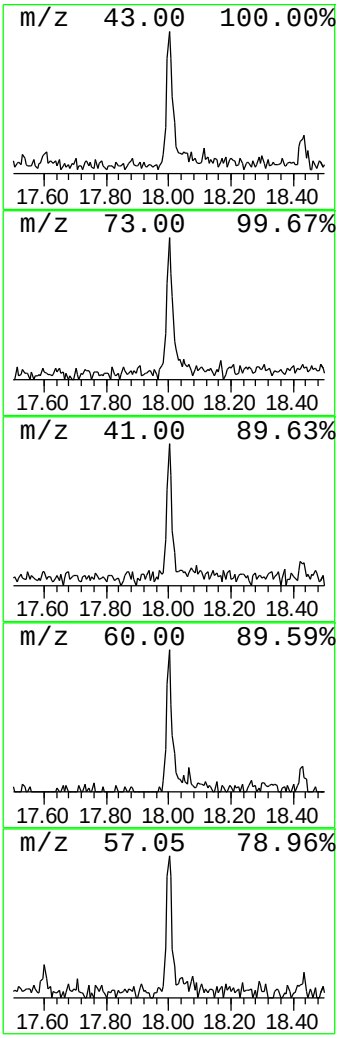
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.89 ng	103366	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	43





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Operator : TP/IZ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10(22-24)

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

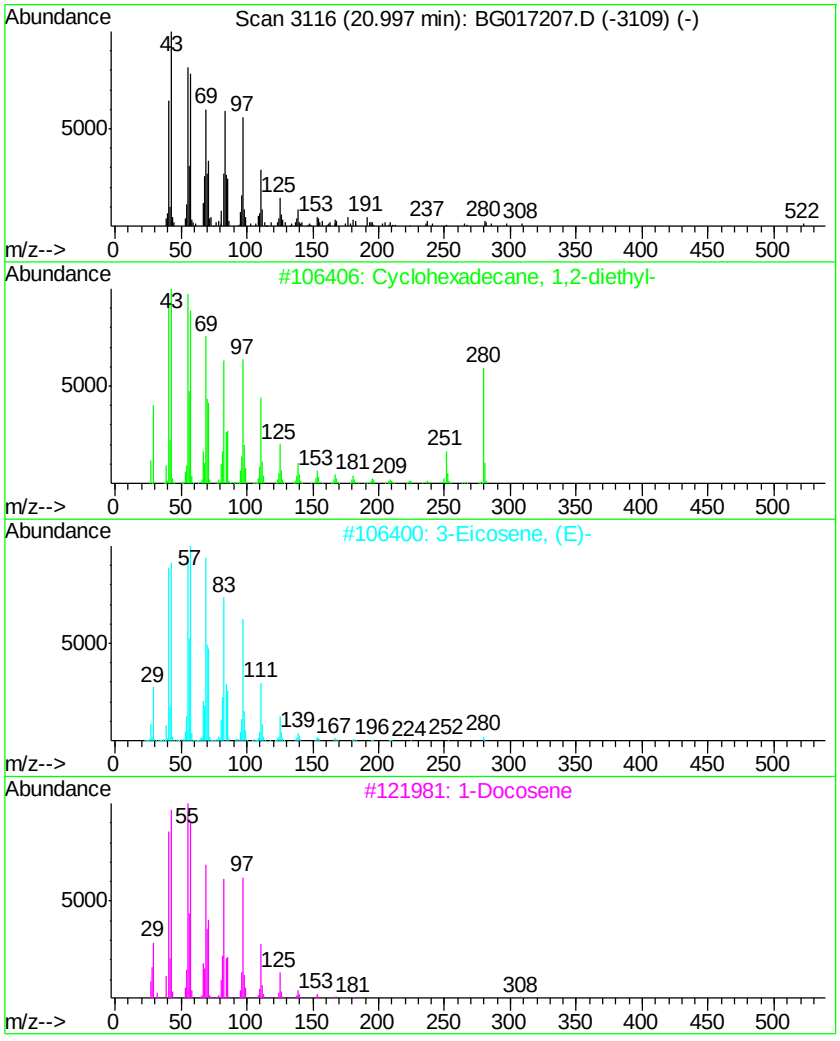
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

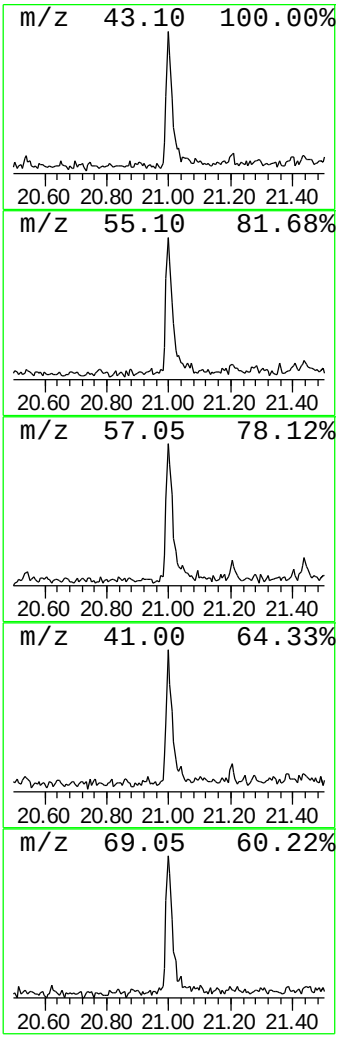
****

Peak Number 9 Cyclohexadecane, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	5.75 ng	251309	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Docosene	308	C22H44	001599-67-3	90
4	1-Eicosene	280	C20H40	003452-07-1	90
5	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	90





Tentatively Identified Compound (LSC) summary

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Acq On : 19 May 2015 20:25
Operator : TP/IZ
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Instrument : BNA_G
ClientSampleId : MW-10(22-24)

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...	2.86	13.1	ng	184696	1	7.70	282806	20.0
unknown2.91	2.91	2.7	ng	38490	1	7.70	282806	20.0
2-Pentanone, 4-hy...	4.80	34.3	ng	484416	1	7.70	282806	20.0
Acetamide, N-methyl-	5.89	3.0	ng	42662	1	7.70	282806	20.0
unknown7.24	7.24	114.3	ng	1616490	1	7.70	282806	20.0
n-Hexadecanoic acid	18.00	2.9	ng	103366	4	17.10	716003	20.0
Cyclohexadecane, ...	21.00	5.8	ng	251309	5	21.29	874165	20.0