LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016879.D
Acq On : 6 May 2015 00:54
Operator : TP/IZ
Sample : G2111-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-PS-01-016

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-BG050515.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	2.787	13	17	36	rBV	4693803	6779293	100.00%	20.433%
2	2.923	36	40	50	rVV	514297	965182	14.24%	2.909%
3	3.005	50	54	60	rVB	182082	232165	3.42%	0.700%
4	4.926	375	381	390	rBV	157599	233682	3.45%	0.704%
5	5.384	453	459	468	rBV	1220367	1748197	25.79%	5.269%
6	6.965	721	728	738	rBV	1295385	2059895	30.39%	6.208%
7	7.335	784	791	798	rBV	1227297	1874478	27.65%	5.650%
8	7.805	864	871	878	rBV	328062	539110	7.95%	1.625%
9	8.122	918	925	932	rBV	786440	1273222	18.78%	3.837%
10	8.957	1057	1067	1077	rBV	725386	1204124	17.76%	3.629%
11	10.596	1338	1346	1357	rBV	467318	777244	11.46%	2.343%
12	11.912	1565	1570	1578	rVB2	68619	109085	1.61%	0.329%
13	13.064	1758	1766	1772	rBV	1676229	2445266	36.07%	7.370%
14	13.898	1902	1908	1912	rBV	110105	151690	2.24%	0.457%
15	14.439	1993	2000	2008	rVB2	716761	1070418	15.79%	3.226%
16	15.802	2226	2232	2239	rBV	298991	397422	5.86%	1.198%
17	15.925	2246	2253	2266	rBV	1465709	2060713	30.40%	6.211%
18	17.182	2461	2467	2474	rBV	931082	1346880	19.87%	4.059%
19	18.087	2616	2621	2629	rBV	186520	294122	4.34%	0.886%
20	19.368	2834	2839	2846	rBV2	101767	162908	2.40%	0.491%
21	19.815	2909	2915	2922	rBV	3034319	3687999	54.40%	11.116%
22	21.084	3126	3131	3140	rBV	370454	489502	7.22%	1.475%
23	21.360	3172	3178	3184	rBV	1184349	1526809	22.52%	4.602%
24	22.182	3314	3318	3324	rBV	82654	112191	1.65%	0.338%
25	22.970	3447	3452	3456	rBV3	47796	91043	1.34%	0.274%
26	23.669	3563	3571	3582	rVB2	707699	1435410	21.17%	4.326%
27	24.350	3681	3687	3694	rBV9	46910	110796	1.63%	0.334%

Sum of corrected areas: 33178846

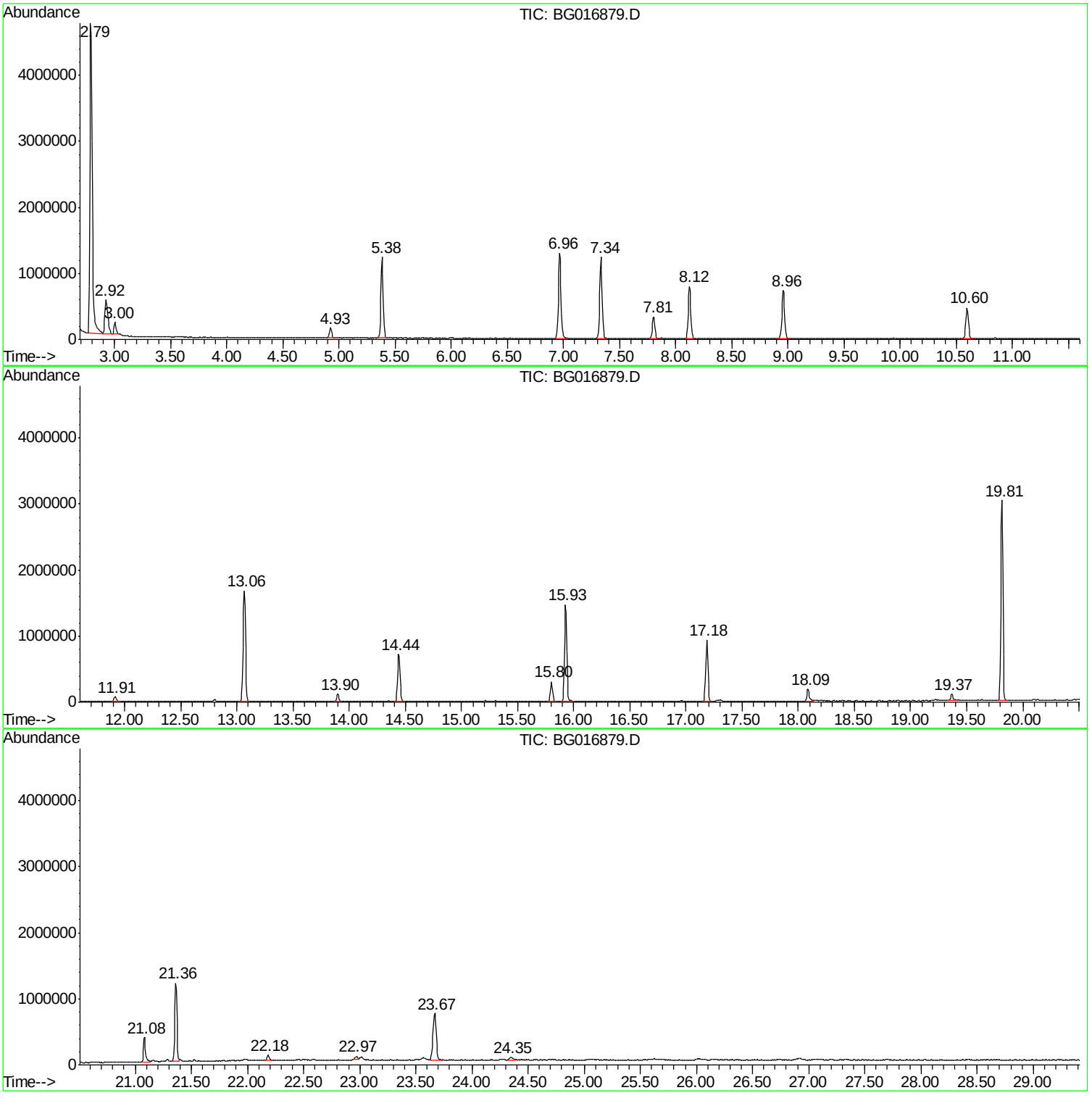
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016879.D
Acq On : 6 May 2015 00:54
Operator : TP/IZ
Sample : G2111-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-PS-01-016

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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\BG050515\
Data File : BG016879.D
Acq On : 6 May 2015 00:54
Operator : TP/IZ
Sample : G2111-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-PS-01-016

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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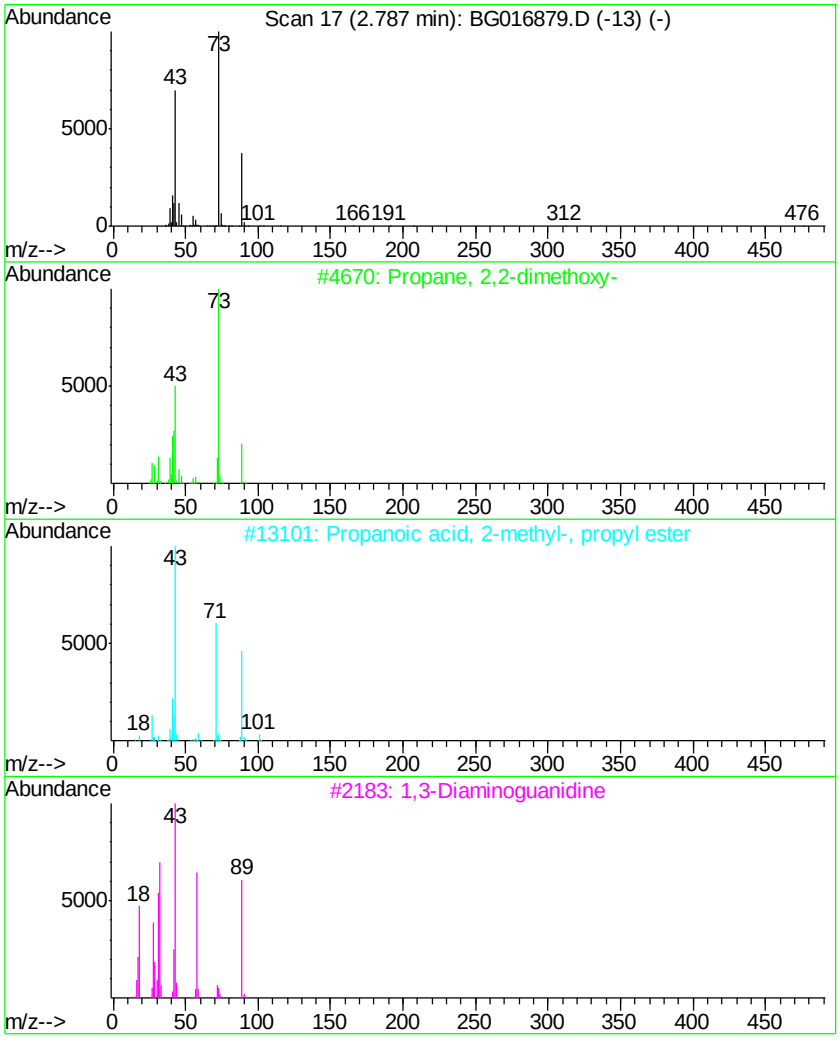
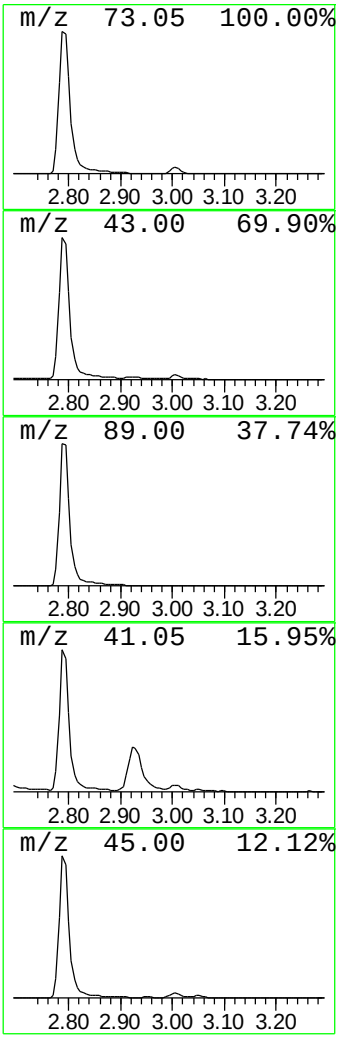
Peak Number 1 unknown2.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	251.50 ng	6779290	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	39
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	35
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016879.D
Acq On : 6 May 2015 00:54
Operator : TP/IZ
Sample : G2111-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-PS-01-016

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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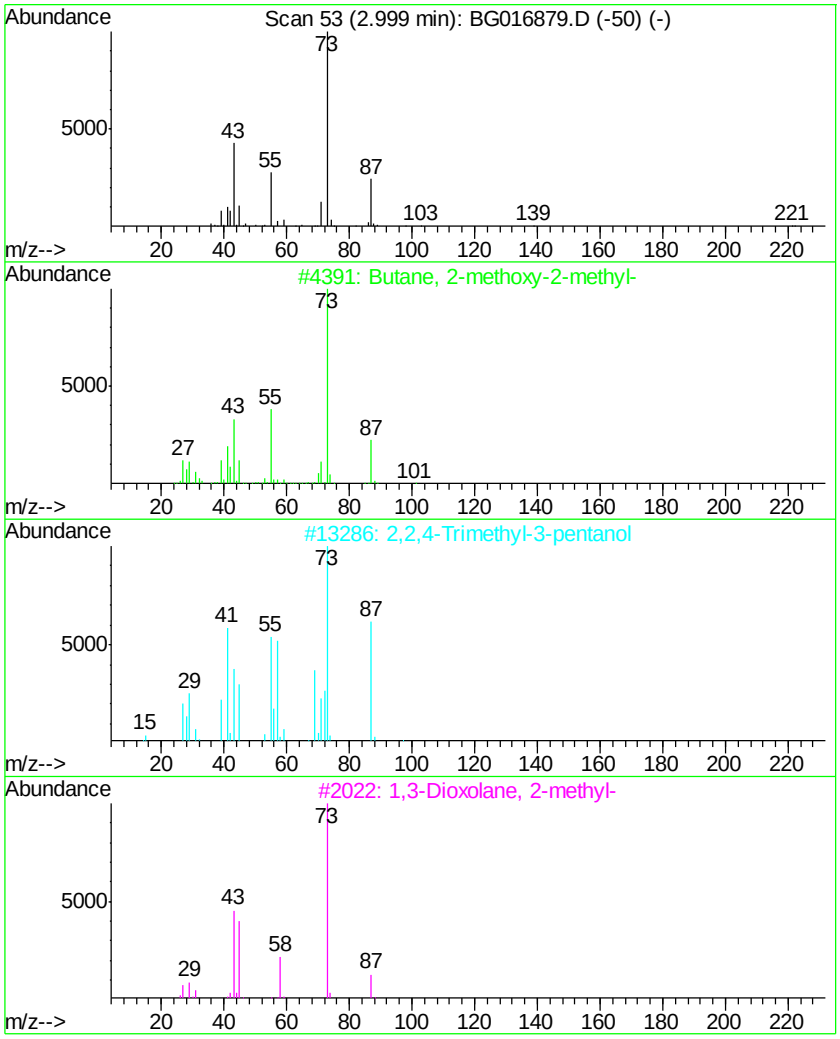
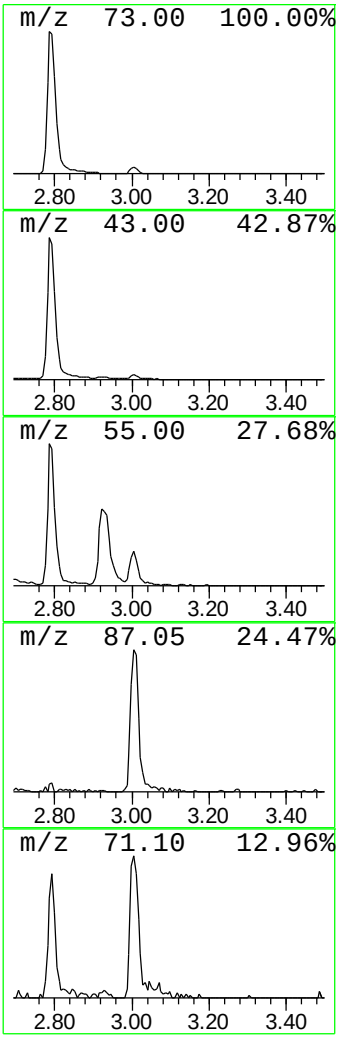
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	8.61 ng	232165	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016879.D
Acq On : 6 May 2015 00:54
Operator : TP/IZ
Sample : G2111-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-PS-01-016

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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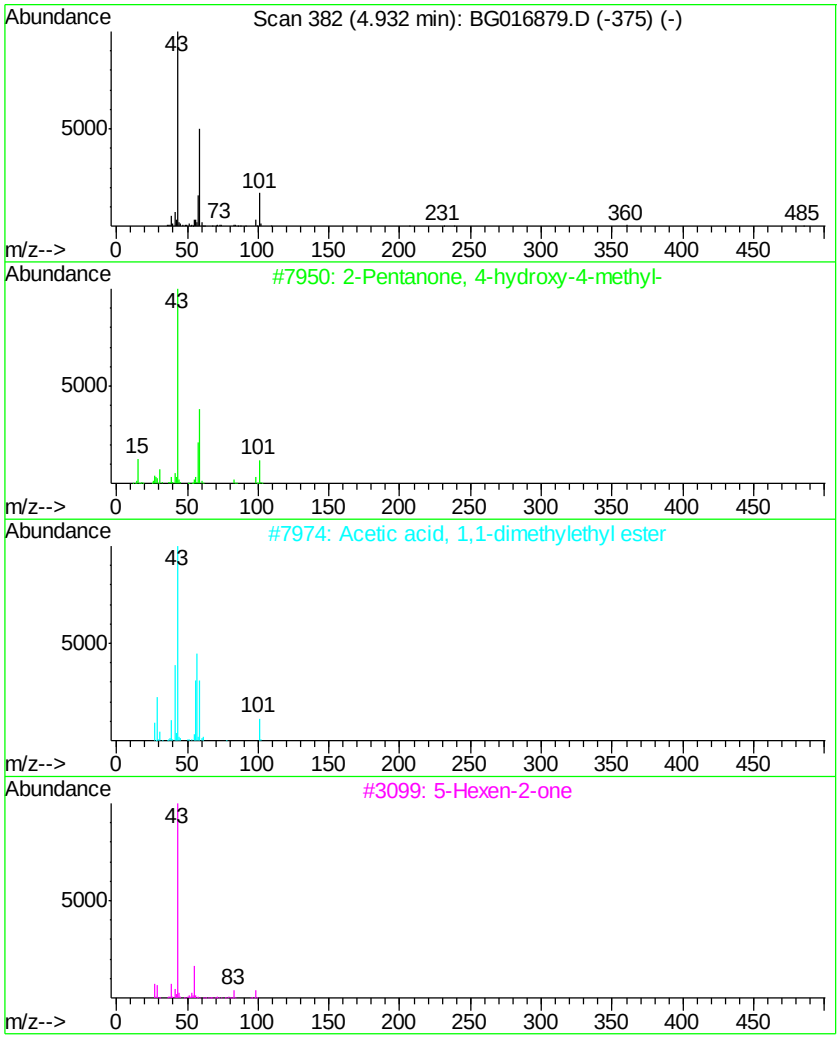
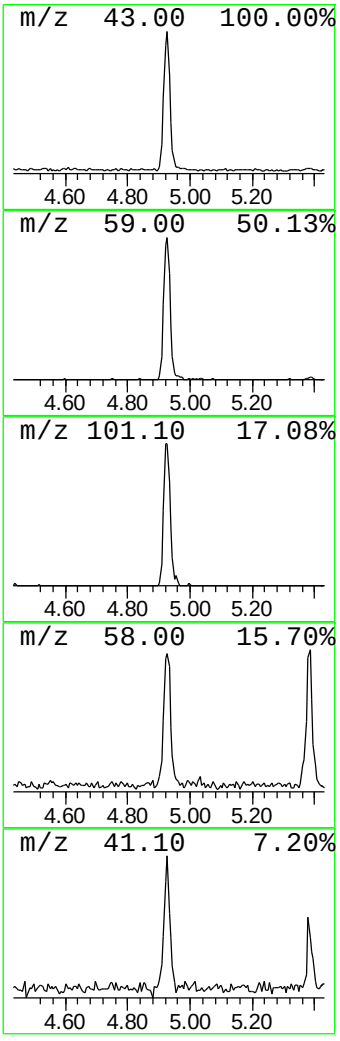
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	8.67 ng	233682	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	9
5	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016879.D
Acq On : 6 May 2015 00:54
Operator : TP/IZ
Sample : G2111-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-PS-01-016

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

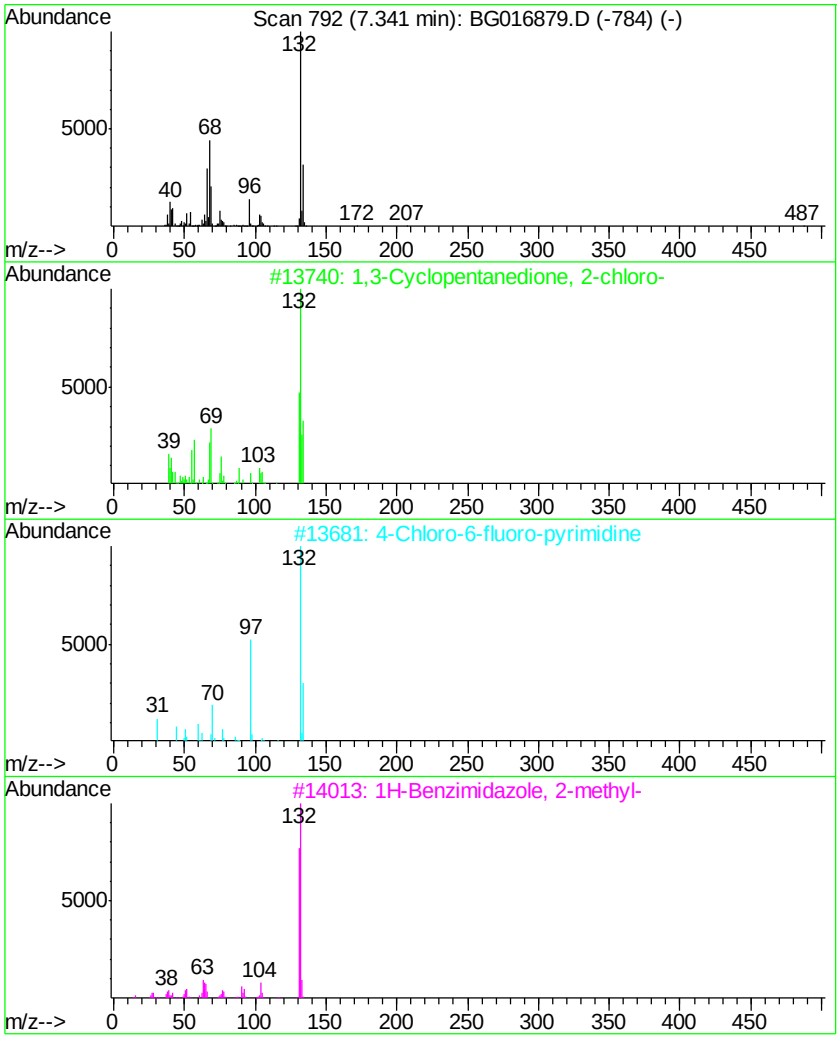
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

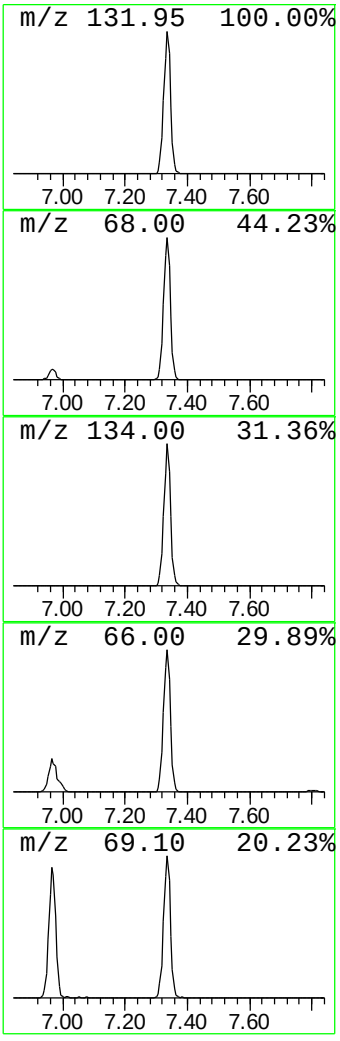
****

Peak Number 5 unknown7.34 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	69.54 ng	1874480	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016879.D
Acq On : 6 May 2015 00:54
Operator : TP/IZ
Sample : G2111-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-PS-01-016

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

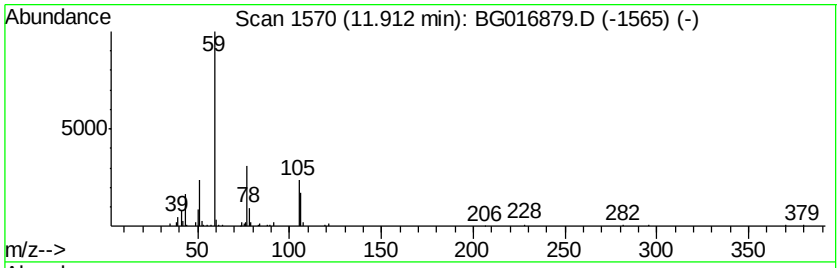
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

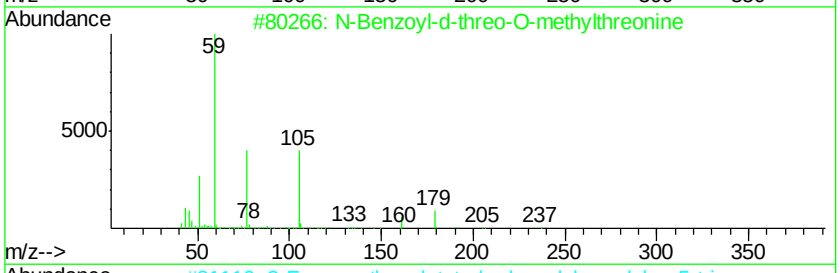
****

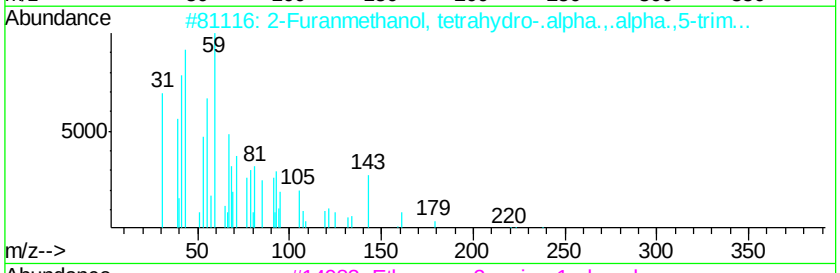
Peak Number 7 N-Benzoyl-d-threo-O-methylt... Concentration Rank 10

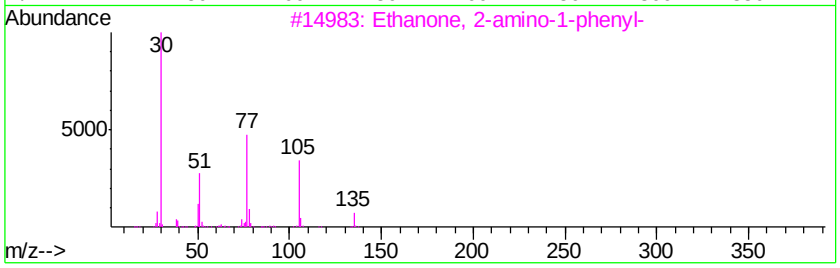
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.81 ng	109085	Naphthalene-d8	10.60

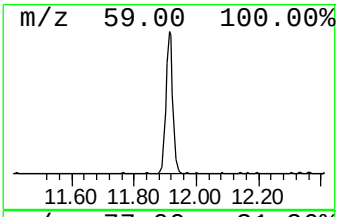
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Benzoyl-d-threo-O-methylthreonine	237	C12H15NO4	131644-54-7	72
2	2-Furanmethanol, tetrahydro-.alp...	238	C15H26O2	026184-88-3	25
3	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	12
4	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	9
5	Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	9

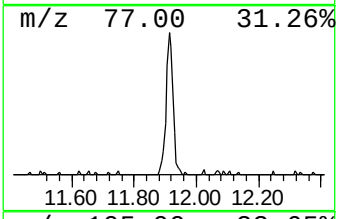


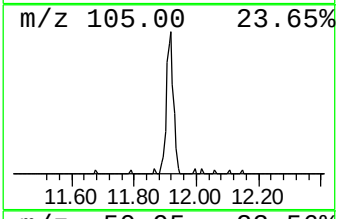


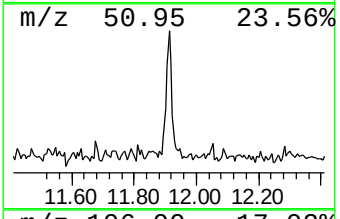


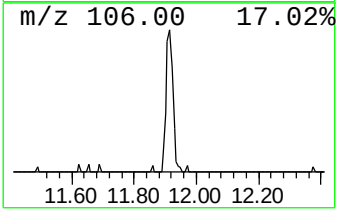












Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016879.D
Acq On : 6 May 2015 00:54
Operator : TP/IZ
Sample : G2111-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-PS-01-016

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

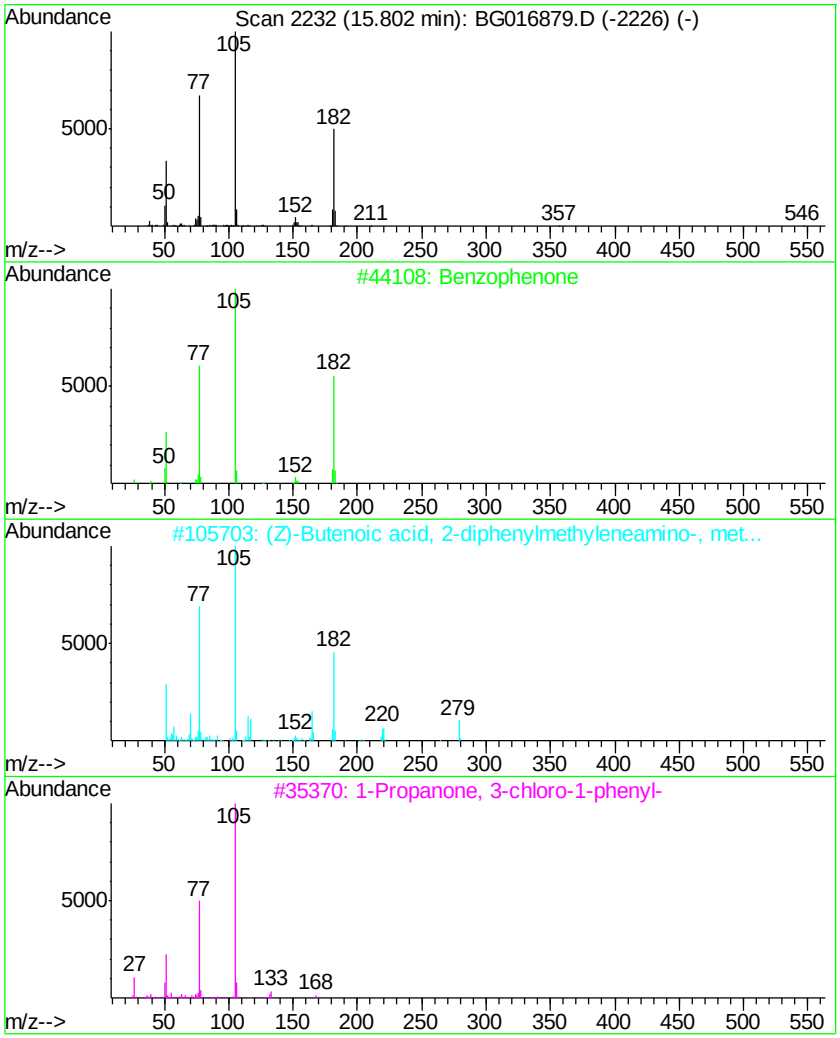
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

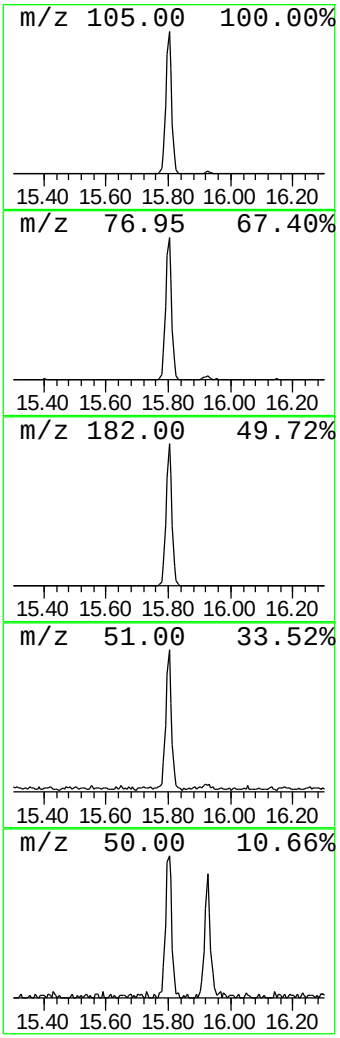
****

Peak Number 8 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	7.43 ng	397422	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	(Z)-Butenoic acid, 2-diphenylmet...	279	C18H17NO2	120238-59-7	83
3	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	50
4	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	50
5	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	50





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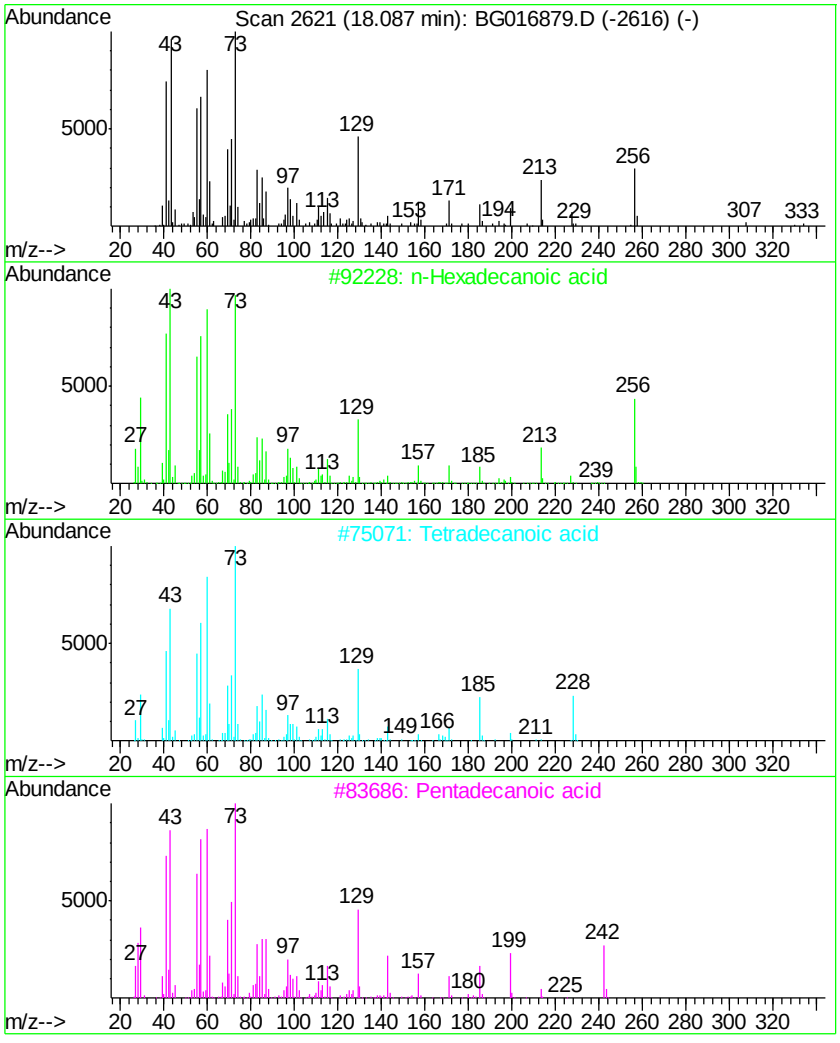
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

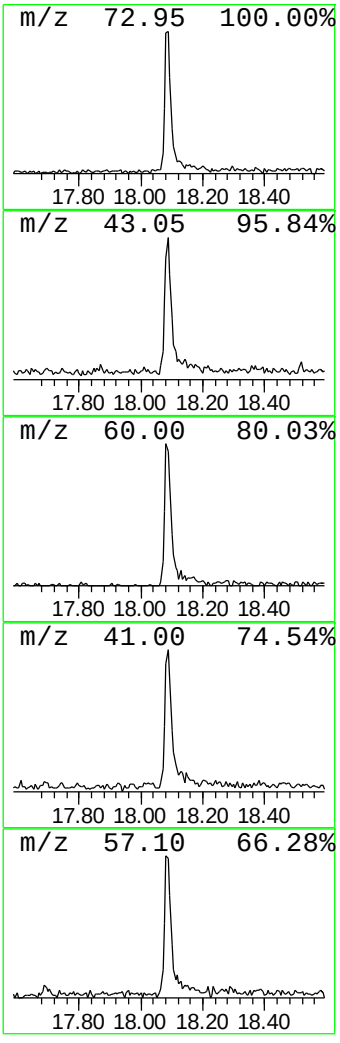
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.37 ng	294122	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-PS-01-016

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

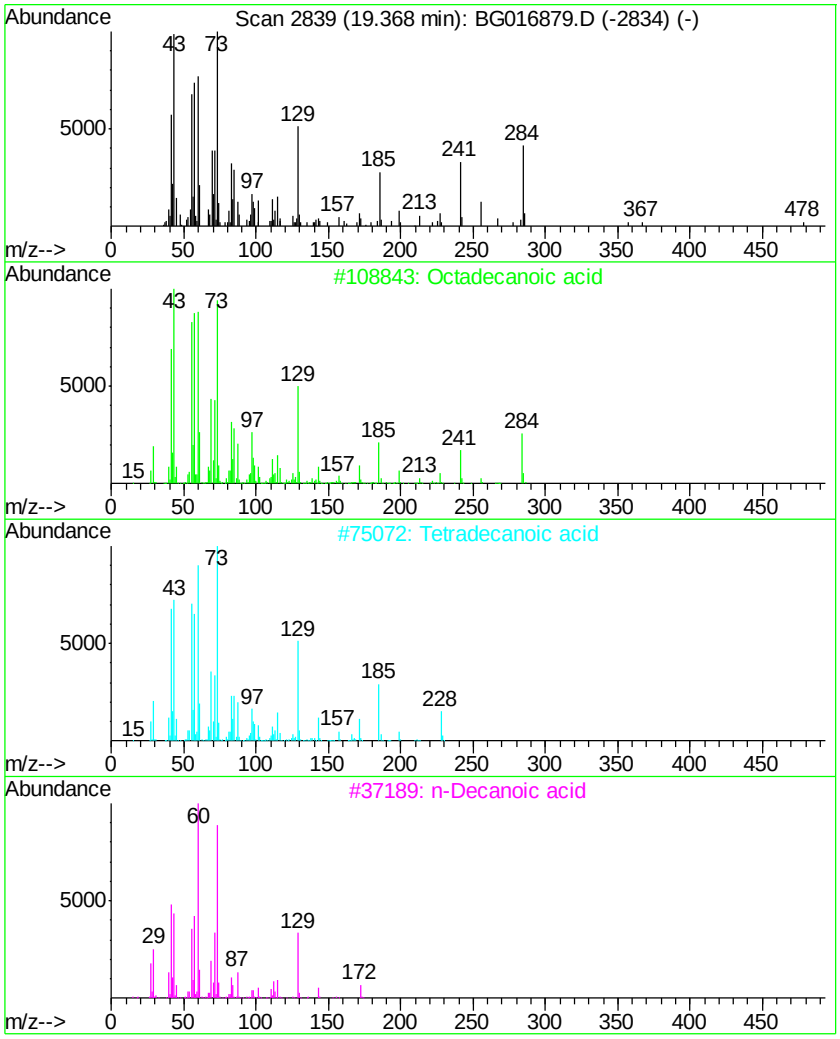
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

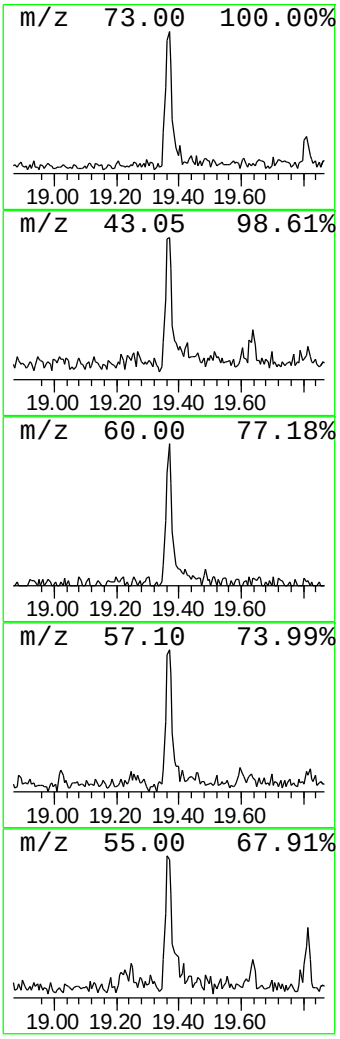
****

Peak Number 10 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.13 ng	162908	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Undecanoic acid	186	C11H22O2	000112-37-8	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	50





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Operator : TP/IZ
Sample : G2111-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-PS-01-016

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

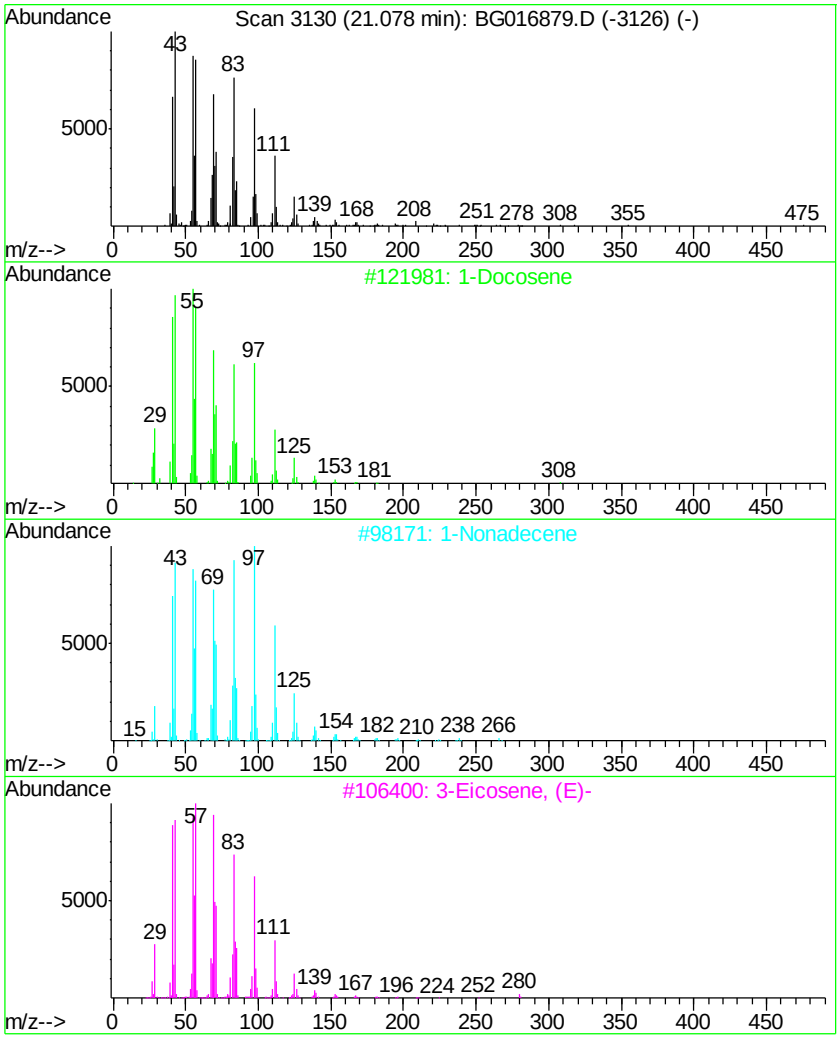
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

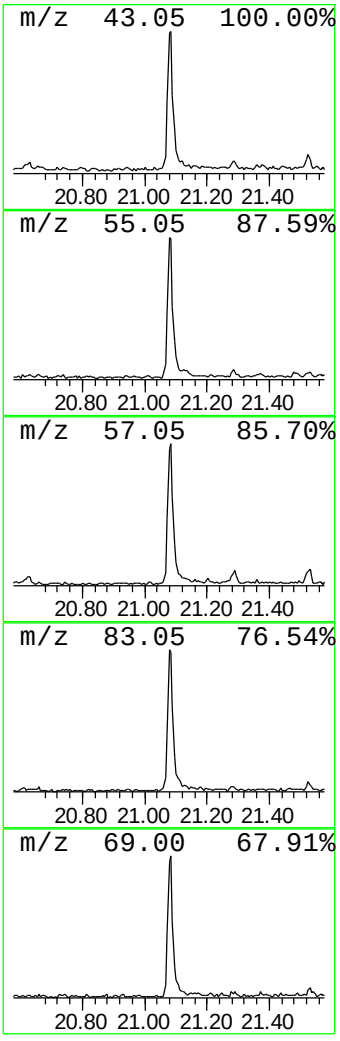
****

Peak Number 11 1-Docosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	6.41 ng	489502	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	1-Nonadecene	266	C19H38	018435-45-5	98
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
5	1-Eicosene	280	C20H40	003452-07-1	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
Data File : BG016879.D
Acq On : 6 May 2015 00:54
Operator : TP/IZ
Sample : G2111-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-PS-01-016

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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
unknown2.79	2.79	251.5	ng	6779290	1	7.81	539110	20.0
Butane, 2-methoxy...	3.00	8.6	ng	232165	1	7.81	539110	20.0
2-Pentanone, 4-hy...	4.93	8.7	ng	233682	1	7.81	539110	20.0
unknown7.34	7.34	69.5	ng	1874480	1	7.81	539110	20.0
N-Benzoyl-d-threo...	11.91	2.8	ng	109085	2	10.60	777244	20.0
Benzophenone	15.80	7.4	ng	397422	3	14.44	1070420	20.0
n-Hexadecanoic acid	18.09	4.4	ng	294122	4	17.18	1346880	20.0
Octadecanoic acid	19.37	2.1	ng	162908	5	21.36	1526810	20.0
1-Docosene	21.08	6.4	ng	489502	5	21.36	1526810	20.0