LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015877.D
Acq On : 9 Jan 2015 19:30
Operator : TP/IZ
Sample : G1056-01
Misc : S
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD02

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-BG010515.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	2.751	6	11	28	rVB	1993063	2875191	100.00%	21.391%
2	2.880	28	33	42	rVV4	37422	84904	2.95%	0.632%
3	2.963	42	47	60	rVB	159137	256088	8.91%	1.905%
4	4.866	363	371	378	rBV	101450	147952	5.15%	1.101%
5	5.336	444	451	461	rBV	404242	666285	23.17%	4.957%
6	6.917	711	720	729	rBV	414932	720958	25.08%	5.364%
7	7.269	773	780	788	rBV	448485	752242	26.16%	5.597%
8	7.734	853	859	867	rVB2	133158	226760	7.89%	1.687%
9	8.051	906	913	921	rVB	350592	564557	19.64%	4.200%
10	8.885	1049	1055	1064	rVB	277511	456066	15.86%	3.393%
11	10.519	1326	1333	1340	rBV	174237	281659	9.80%	2.096%
12	12.986	1747	1753	1761	rVB	717834	1011344	35.17%	7.524%
13	13.826	1889	1896	1901	rBV2	43977	66133	2.30%	0.492%
14	14.367	1981	1988	1994	rVB	265795	386058	13.43%	2.872%
15	15.730	2216	2220	2224	rBV2	29357	41520	1.44%	0.309%
16	15.865	2236	2243	2252	rBV	713415	1101452	38.31%	8.195%
17	17.117	2449	2456	2463	rBV	361603	516395	17.96%	3.842%
18	18.010	2602	2608	2615	rBV3	67110	96828	3.37%	0.720%
19	19.291	2822	2826	2830	rBV4	26055	39285	1.37%	0.292%
20	19.743	2897	2903	2912	rBV	1467546	1789276	62.23%	13.312%
21	21.012	3115	3119	3125	rBV4	60958	102998	3.58%	0.766%
22	21.300	3162	3168	3177	rBV	513104	687294	23.90%	5.113%
23	22.346	3343	3346	3353	rVB9	42723	61225	2.13%	0.456%
24	23.568	3547	3554	3563	rBV	236312	508479	17.69%	3.783%

Sum of corrected areas: 13440949

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
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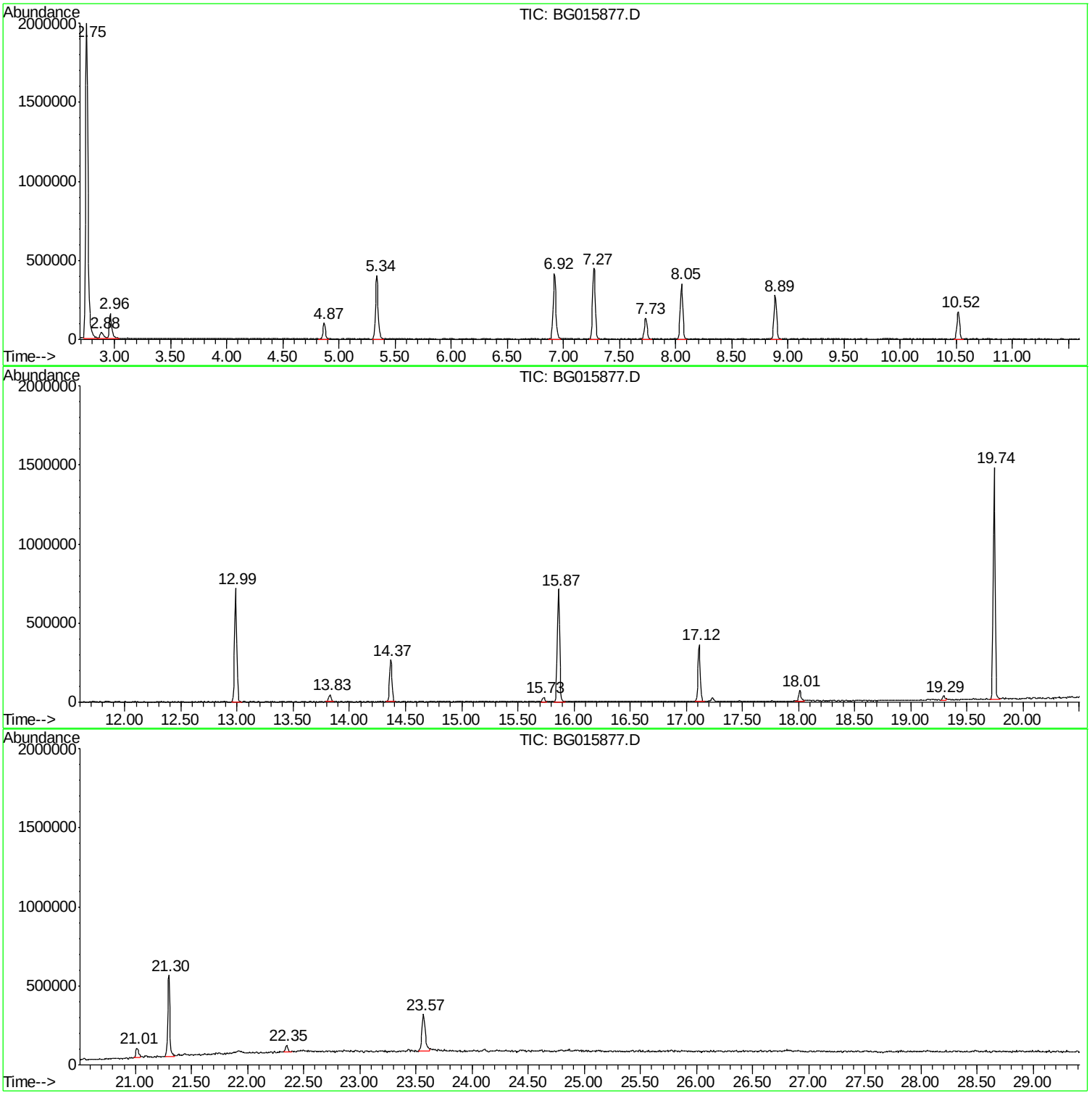
Operator : TP/IZ
Sample : G1056-01
Misc : S
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FD02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.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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Data File : BG015877.D
Acq On : 9 Jan 2015 19:30
Operator : TP/IZ
Sample : G1056-01
Misc : S
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

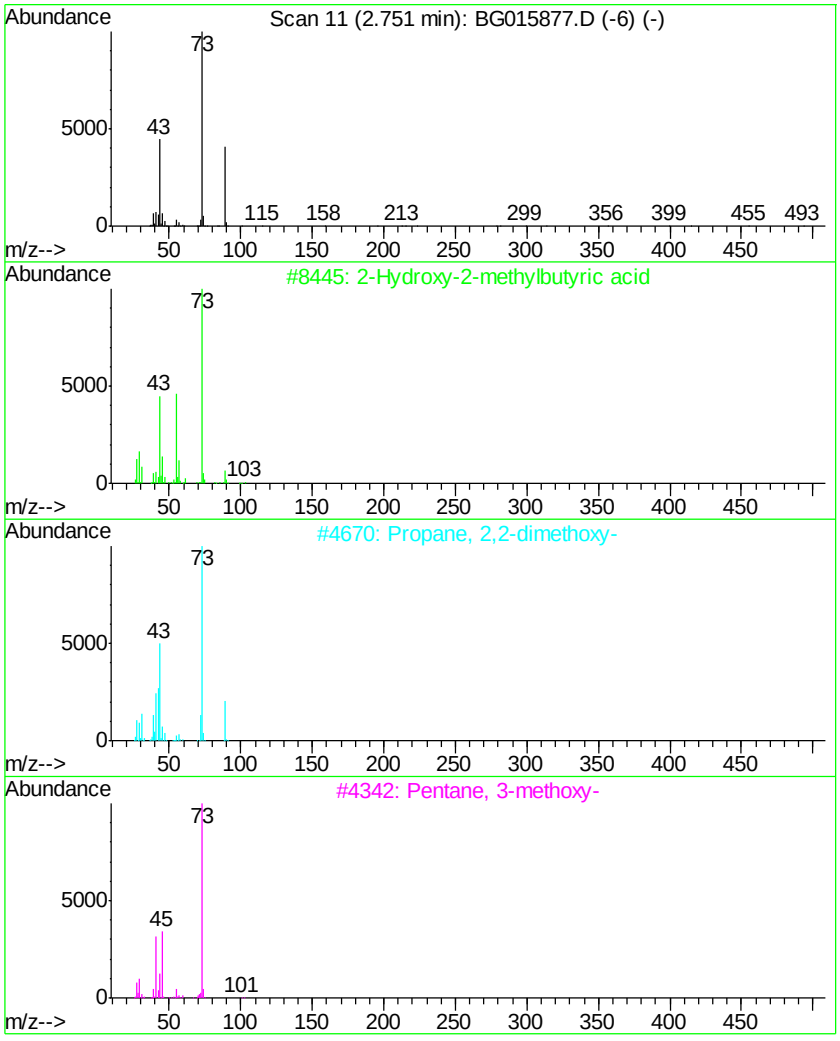
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

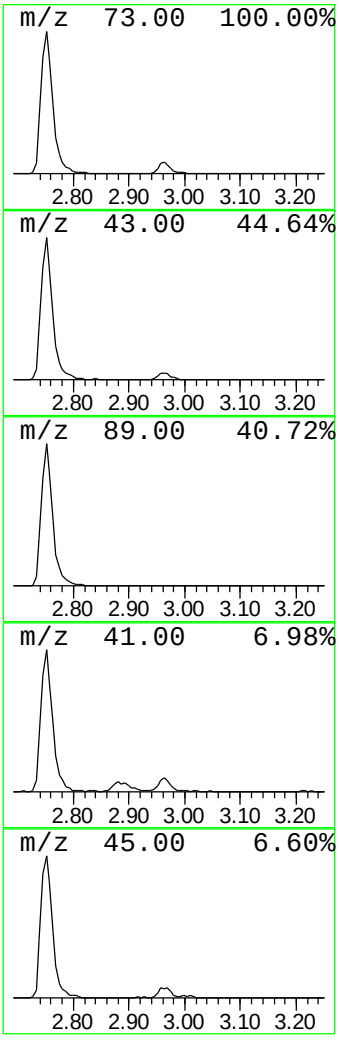
****

Peak Number 1 unknown2.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	253.59 ng	2875190	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	23
2	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9





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Acq On : 9 Jan 2015 19:30
Operator : TP/IZ
Sample : G1056-01
Misc : S
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

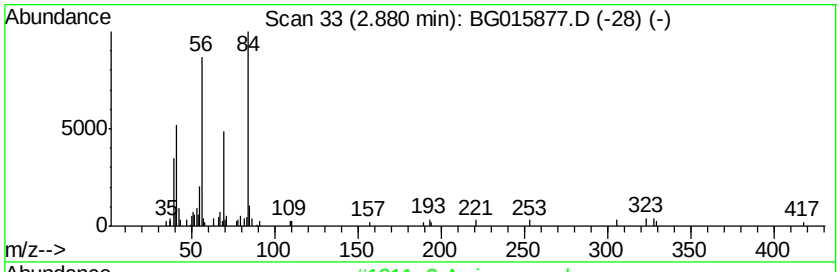
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

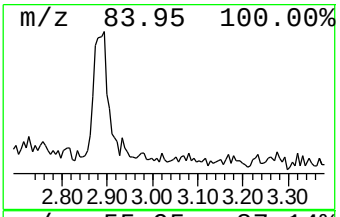
****

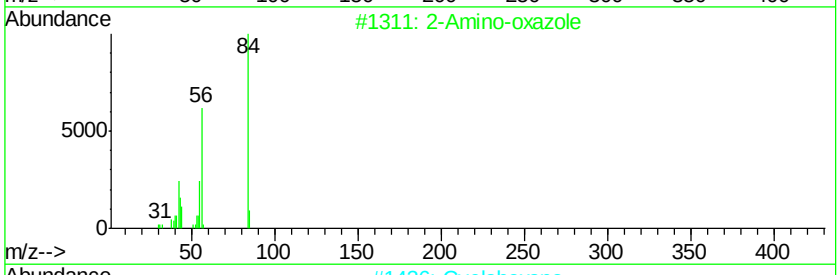
Peak Number 2 2-Amino-oxazole Concentration Rank 6

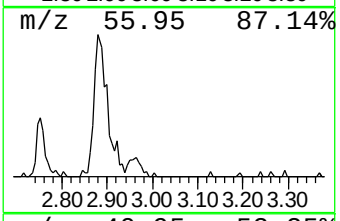
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	7.49 ng	84904	1,4-Dichlorobenzene-d4	7.73

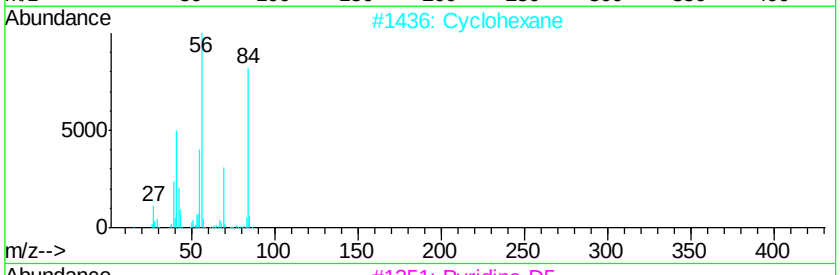
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-oxazole	84	C3H4N2O	004570-45-0	72
2	Cyclohexane	84	C6H12	000110-82-7	72
3	Pyridine-D5-	84	C5D5N	007291-22-7	72
4	2-Acetylpiperidine	127	C7H13NO	097073-22-8	50
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	47

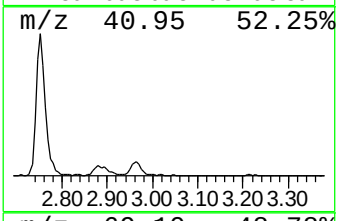


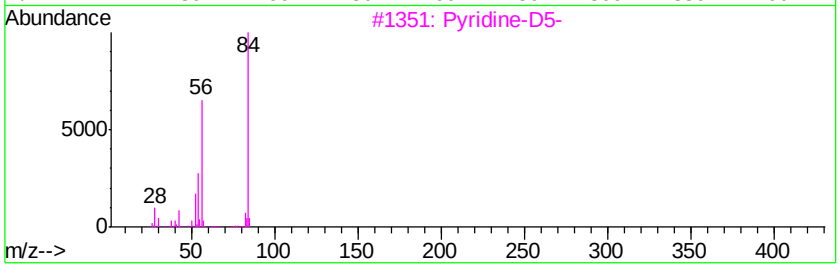


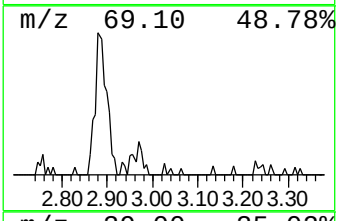


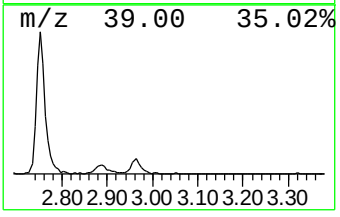












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015877.D
Acq On : 9 Jan 2015 19:30
Operator : TP/IZ
Sample : G1056-01
Misc : S
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

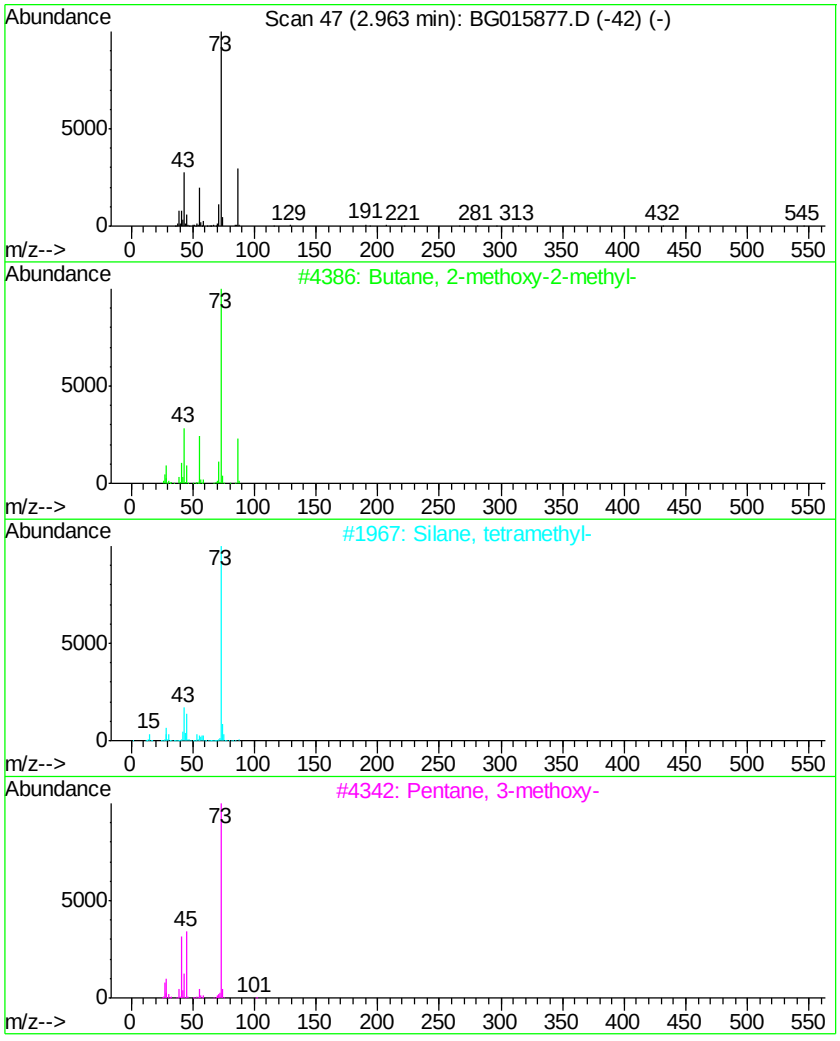
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

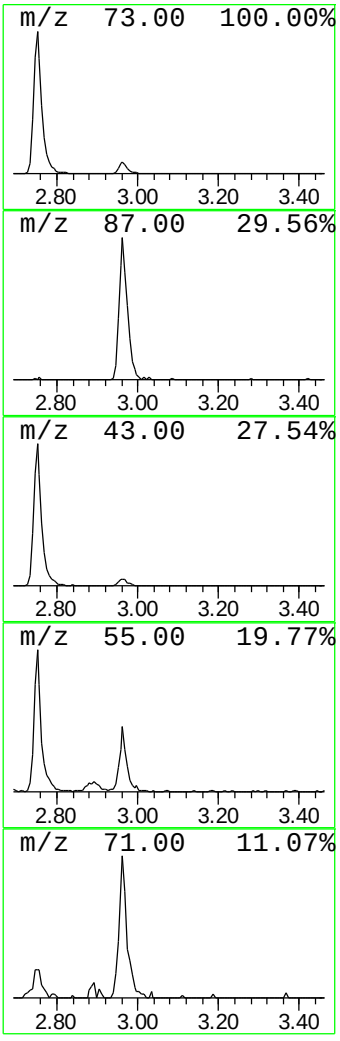
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	22.59 ng	256088	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	30
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
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Sample : G1056-01
Misc : S
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

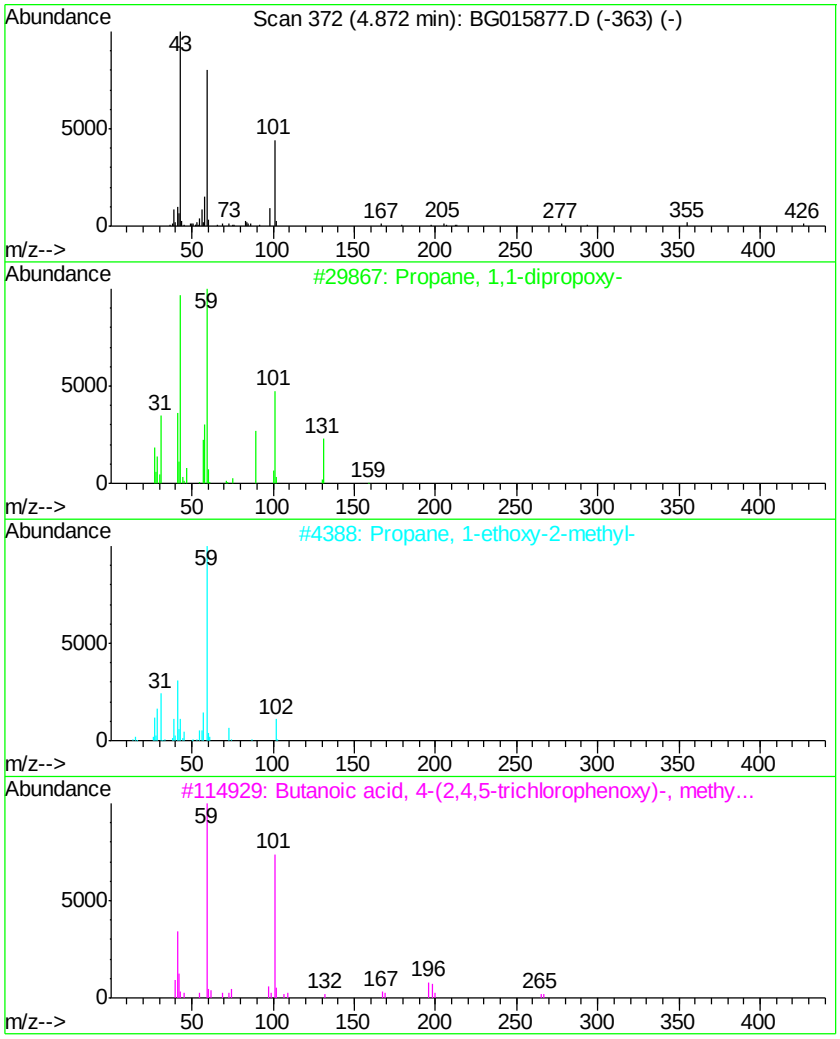
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

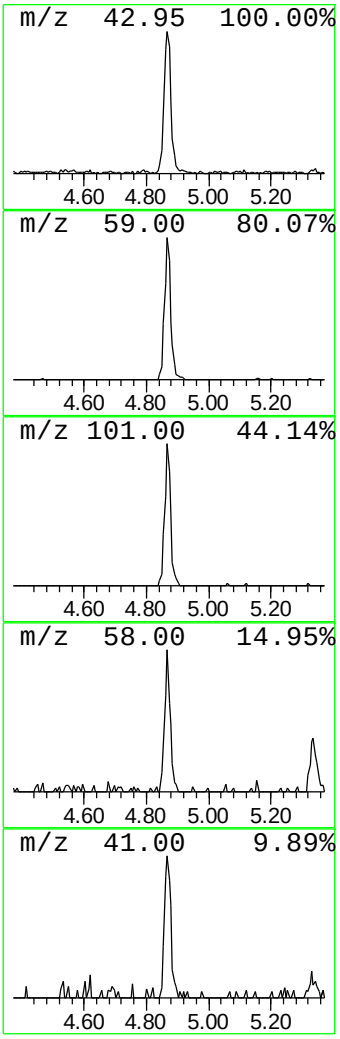
****

Peak Number 4 unknown4.87 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	13.05 ng	147952	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
3	Butanoic acid, 4-(2,4,5-trichlor...	296	C11H11Cl3O3	025333-21-5	36
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	32
5	Guanidine	59	CH5N3	000113-00-8	28





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015877.D
Acq On : 9 Jan 2015 19:30
Operator : TP/IZ
Sample : G1056-01
Misc : S
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
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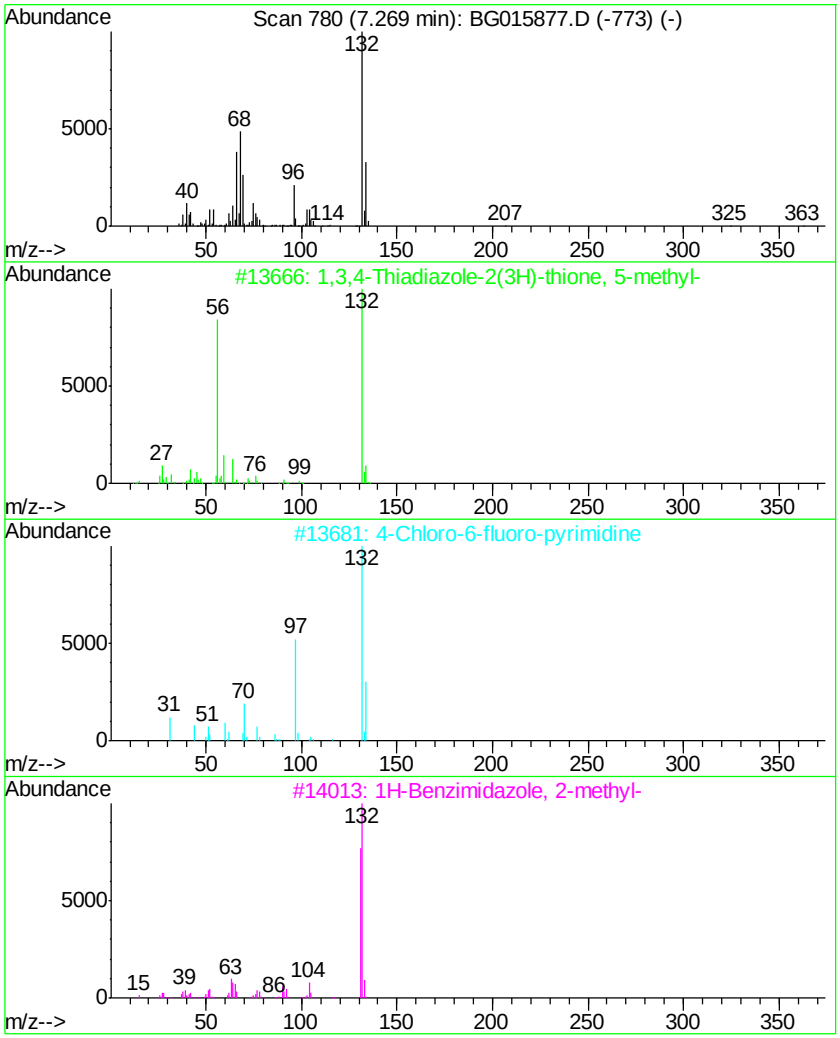
TIC Integration Parameters: LSCINT.P

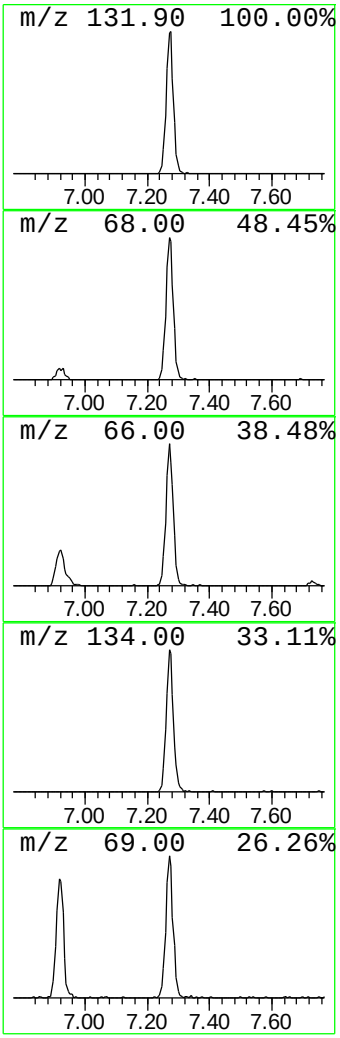
****

Peak Number 5 unknown7.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	66.35 ng	752242	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	11





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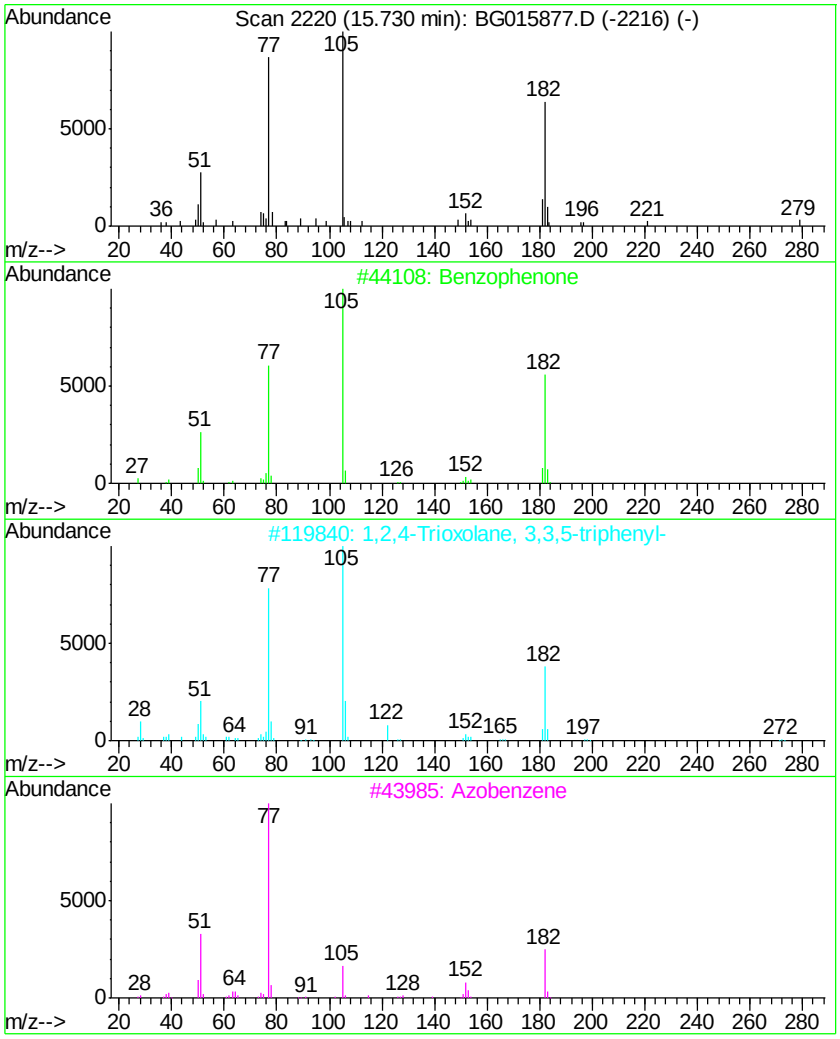
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

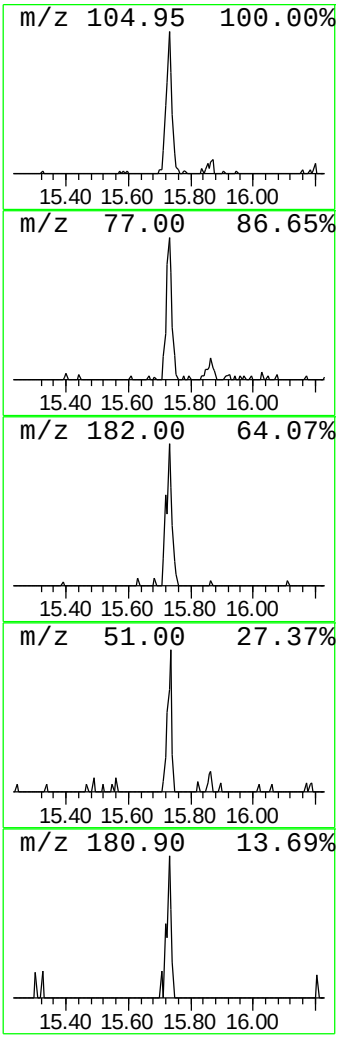
****

Peak Number 7 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	2.15 ng	41520	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	91
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	78
3	Azobenzene	182	C12H10N2	000103-33-3	50
4	Acetic acid, 2-benzoylthio-, 2-o...	314	C17H14O4S	1000260-20-1	47
5	Phenylglyoxal	134	C8H6O2	001074-12-0	47





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD02

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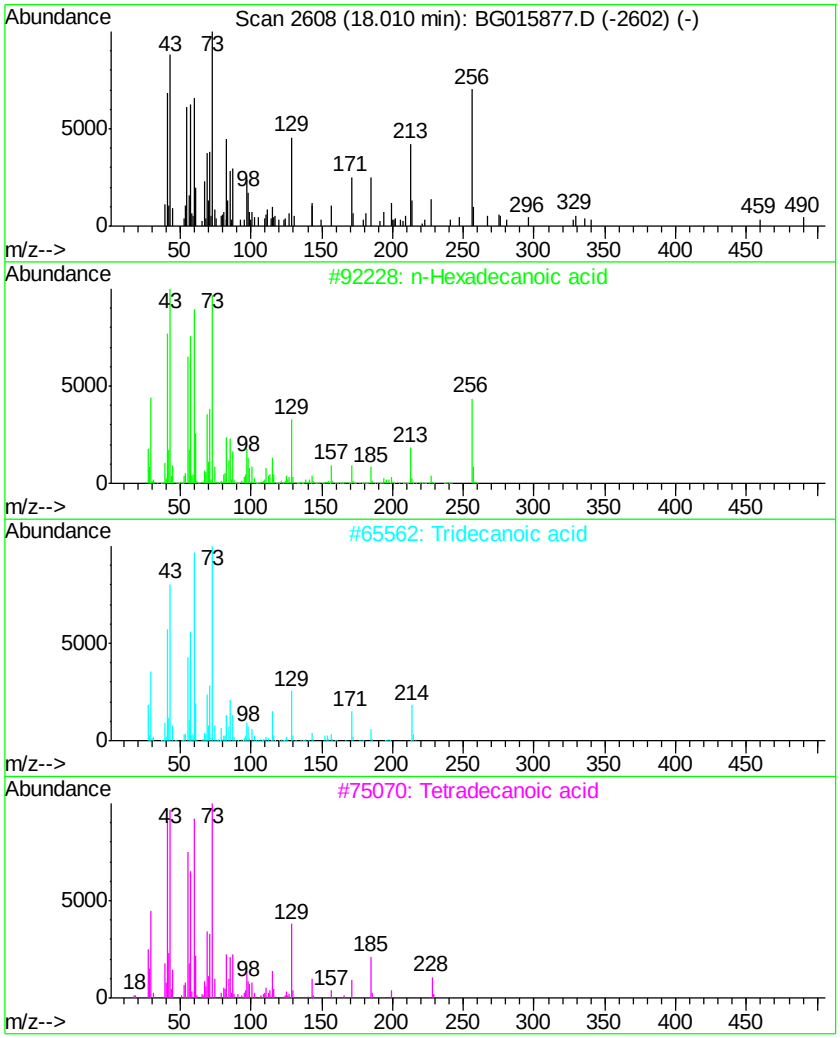
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

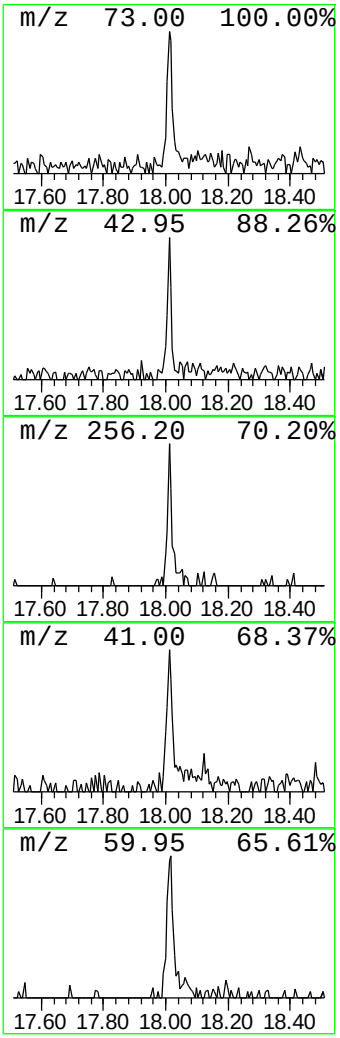
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	3.75 ng	96828	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	50
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
4	Docosanoic acid	340	C22H44O2	000112-85-6	35
5	Lumiflavine	256	C13H12N4O2	001088-56-8	27





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Instrument : BNA_G
ClientSampleId : FD02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

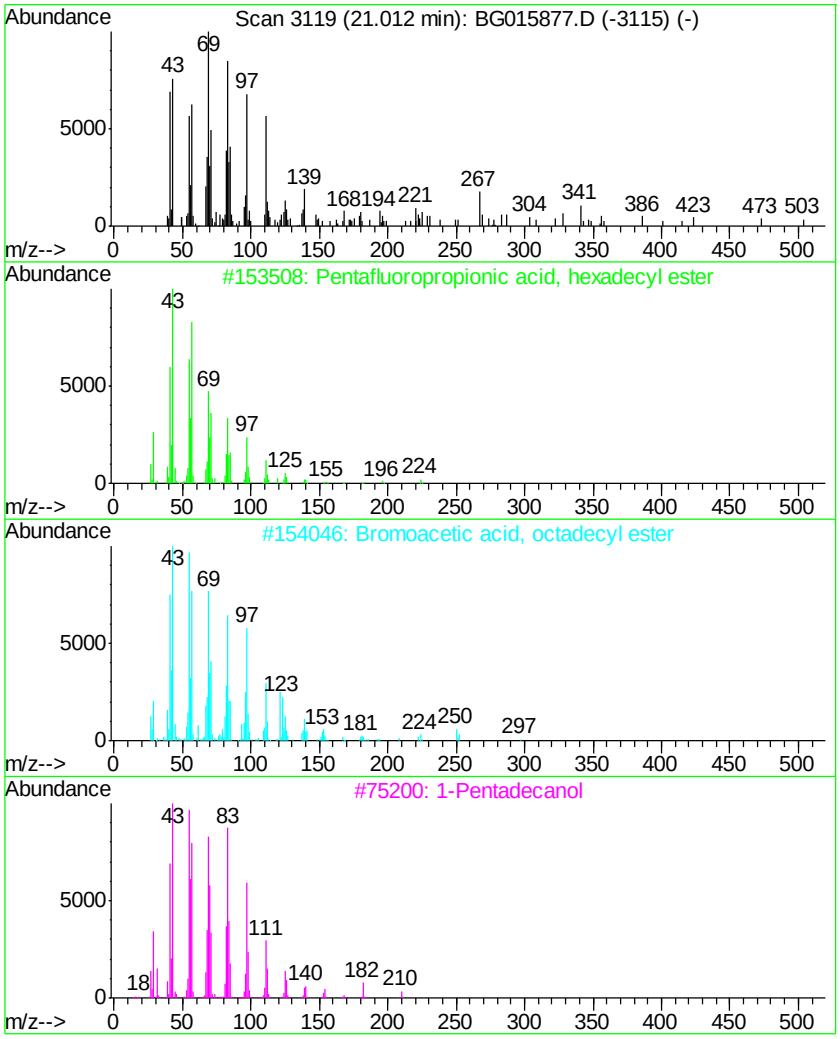
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

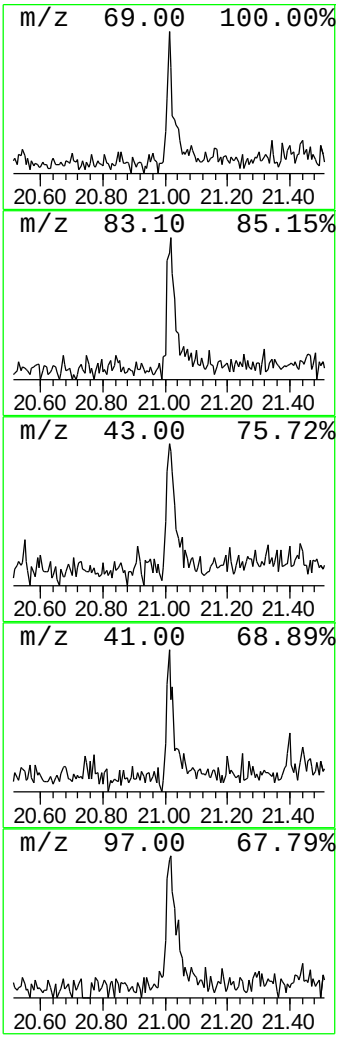
****

Peak Number 9 Pentafluoropropionic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	3.00 ng	102998	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	80
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	72
3	1-Pentadecanol	228	C15H32O	000629-76-5	64
4	Cyclotetradecane	196	C14H28	000295-17-0	64
5	1-Hexadecanol	242	C16H34O	036653-82-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015877.D
Acq On : 9 Jan 2015 19:30
Operator : TP/IZ
Sample : G1056-01
Misc : S
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.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
unknown2.75	2.75	253.6	ng	2875190	1	7.73	226760	20.0
2-Amino-oxazole	2.88	7.5	ng	84904	1	7.73	226760	20.0
Butane, 2-methoxy...	2.96	22.6	ng	256088	1	7.73	226760	20.0
unknown4.87	4.87	13.1	ng	147952	1	7.73	226760	20.0
unknown7.27	7.27	66.3	ng	752242	1	7.73	226760	20.0
Benzophenone	15.73	2.1	ng	41520	3	14.37	386058	20.0
n-Hexadecanoic acid	18.01	3.8	ng	96828	4	17.12	516395	20.0
Pentafluoropropio...	21.01	3.0	ng	102998	5	21.30	687294	20.0