LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015926.D
Acq On : 26 Jan 2015 23:47
Operator : TP/IZ
Sample : G1167-06
Misc : S
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

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-BG012015.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	2.823	19	23	30	rBV2	154734	271515	2.21%	0.487%
2	2.906	32	37	41	rVV	227030	254500	2.07%	0.456%
3	4.815	355	362	369	rVB	350630	512126	4.16%	0.918%
4	5.285	435	442	450	rBV	2497482	3621268	29.42%	6.494%
5	6.872	703	712	721	rBV	2768014	4405986	35.80%	7.901%
6	7.224	763	772	781	rBV	2560169	3977154	32.31%	7.132%
7	7.683	844	850	857	rBV	409665	654053	5.31%	1.173%
8	8.006	898	905	912	rBV	1857794	2883363	23.43%	5.171%
9	8.846	1038	1048	1055	rBV	1637990	2770818	22.51%	4.969%
10	10.473	1317	1325	1331	rBV	550020	927370	7.53%	1.663%
11	11.795	1543	1550	1555	rBV3	82479	145164	1.18%	0.260%
12	12.947	1738	1746	1755	rBV	4238122	6204252	50.41%	11.126%
13	13.787	1882	1889	1895	rBV	199601	288709	2.35%	0.518%
14	14.328	1975	1981	1992	rVB2	893647	1428090	11.60%	2.561%
15	15.697	2205	2214	2219	rBV	359975	496724	4.04%	0.891%
16	15.826	2226	2236	2246	rBV	4723764	6600854	53.63%	11.837%
17	17.077	2443	2449	2458	rVB	1517470	1998616	16.24%	3.584%
18	17.201	2463	2470	2477	rVB	57294	150051	1.22%	0.269%
19	17.982	2599	2603	2611	rBV2	163389	265720	2.16%	0.477%
20	19.269	2815	2822	2829	rBV8	78254	153873	1.25%	0.276%
21	19.710	2891	2897	2904	rBV	9809736	12307661	100.00%	22.071%
22	20.979	3107	3113	3120	rBV3	309129	538231	4.37%	0.965%
23	21.267	3156	3162	3172	rBV	1993210	2625811	21.33%	4.709%
24	23.517	3539	3545	3555	rBV3	1199182	2281903	18.54%	4.092%

Sum of corrected areas: 55763812

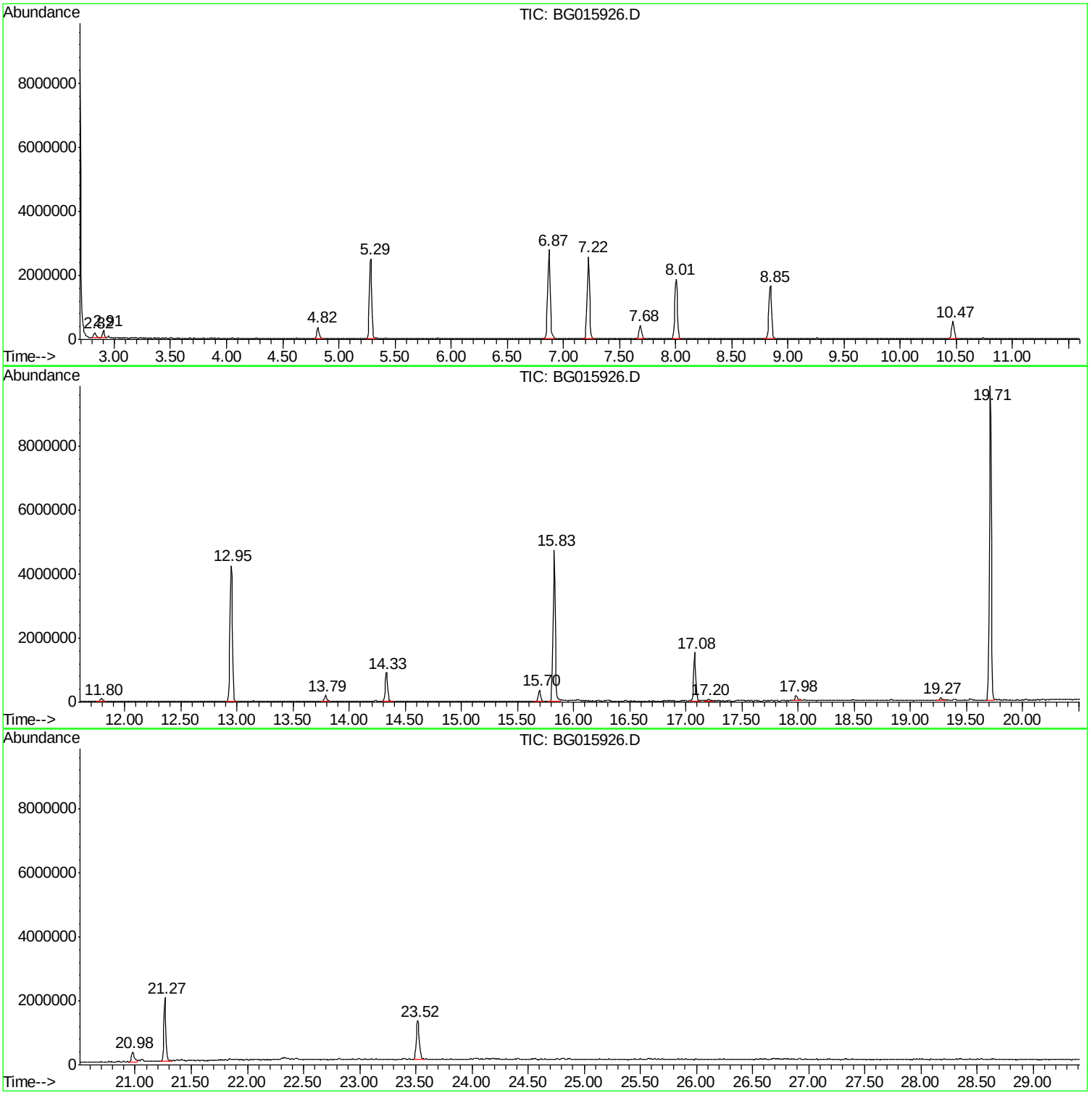
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015926.D
Acq On : 26 Jan 2015 23:47
Operator : TP/IZ
Sample : G1167-06
Misc : S
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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\BG012615\
Data File : BG015926.D
Acq On : 26 Jan 2015 23:47
Operator : TP/IZ
Sample : G1167-06
Misc : S
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

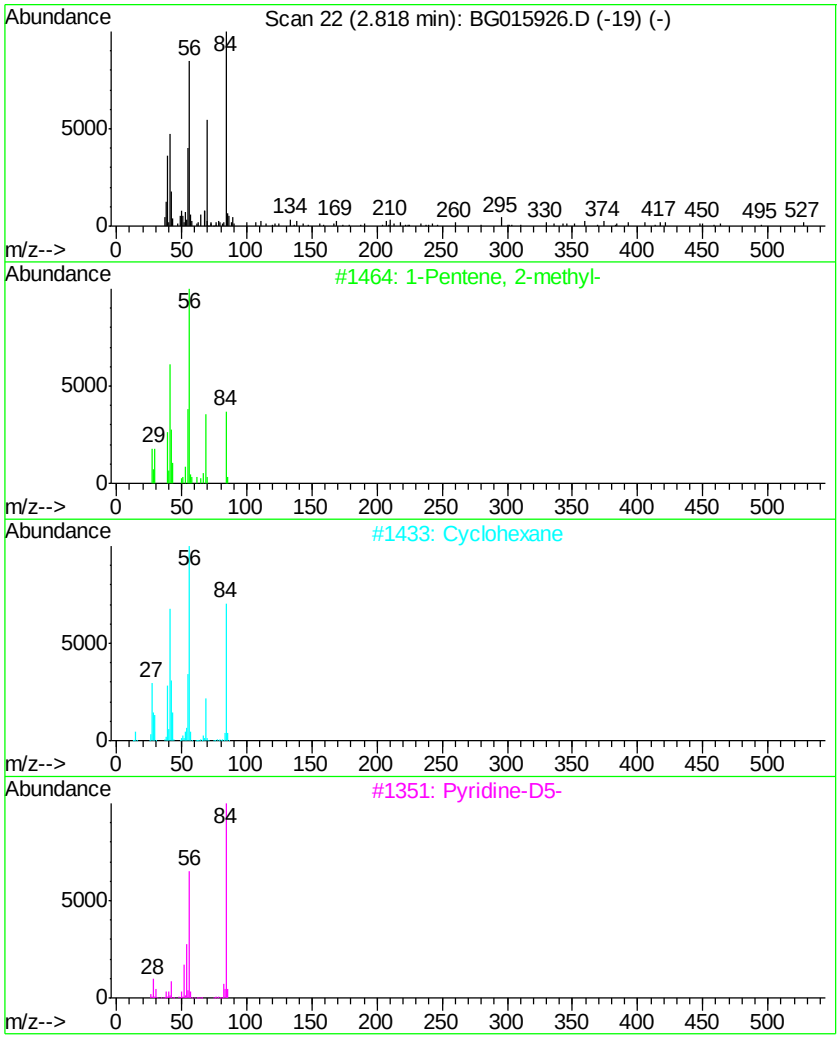
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

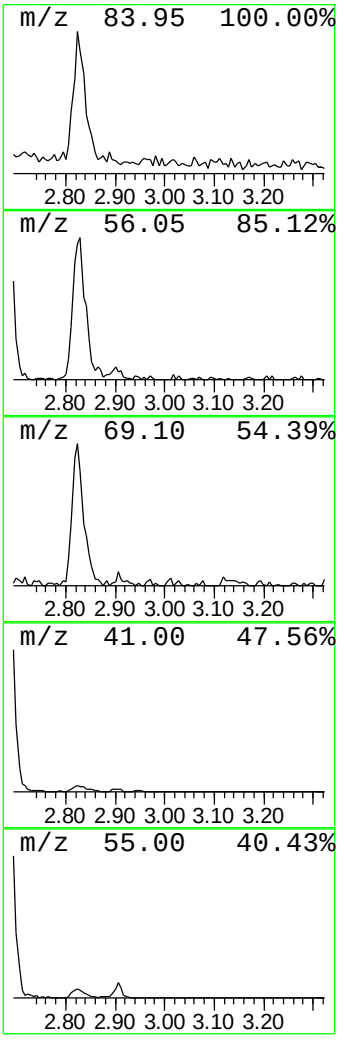
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	8.30 ng	271515	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
2	Cyclohexane	84	C6H12	000110-82-7	64
3	Pyridine-D5-	84	C5D5N	007291-22-7	64
4	2-Amino-oxazole	84	C3H4N2O	004570-45-0	64
5	2-Acetylpiperidine	127	C7H13NO	097073-22-8	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015926.D
Acq On : 26 Jan 2015 23:47
Operator : TP/IZ
Sample : G1167-06
Misc : S
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

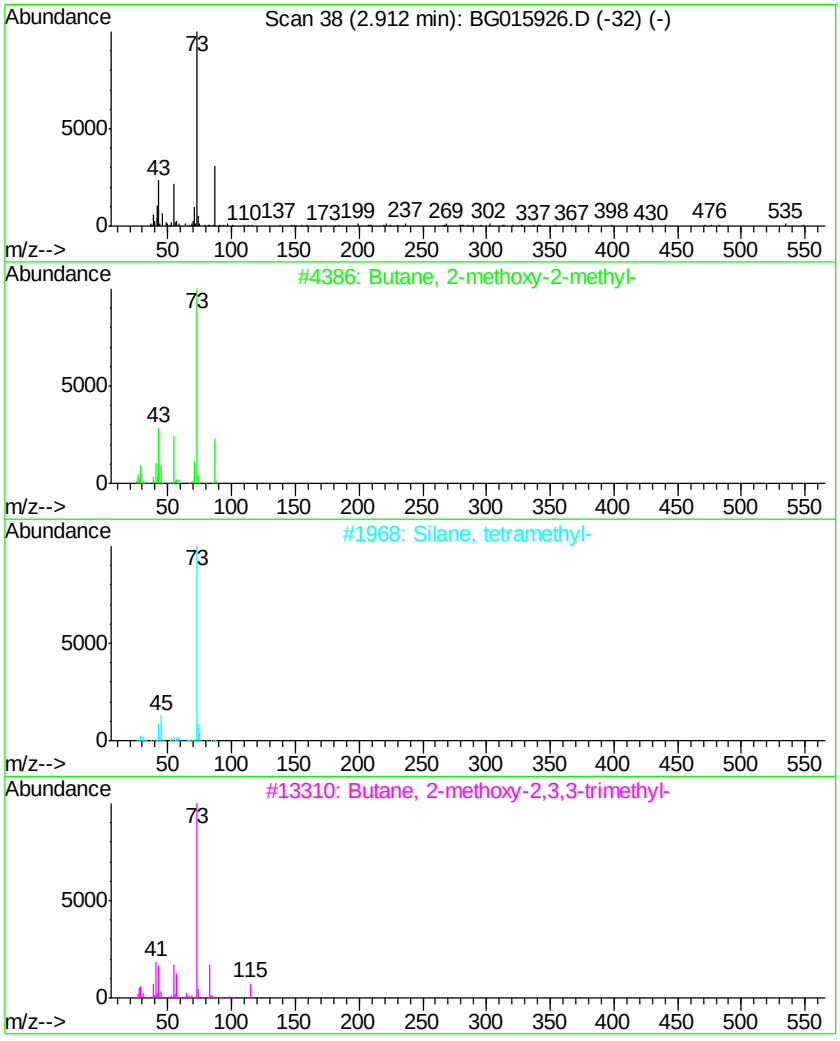
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

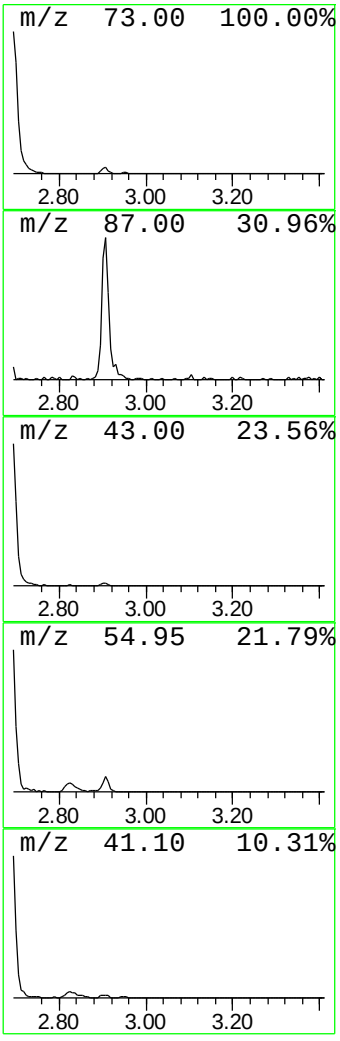
****

Peak Number 2 unknown2.91 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	7.78 ng	254500	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	9
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015926.D
Acq On : 26 Jan 2015 23:47
Operator : TP/IZ
Sample : G1167-06
Misc : S
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

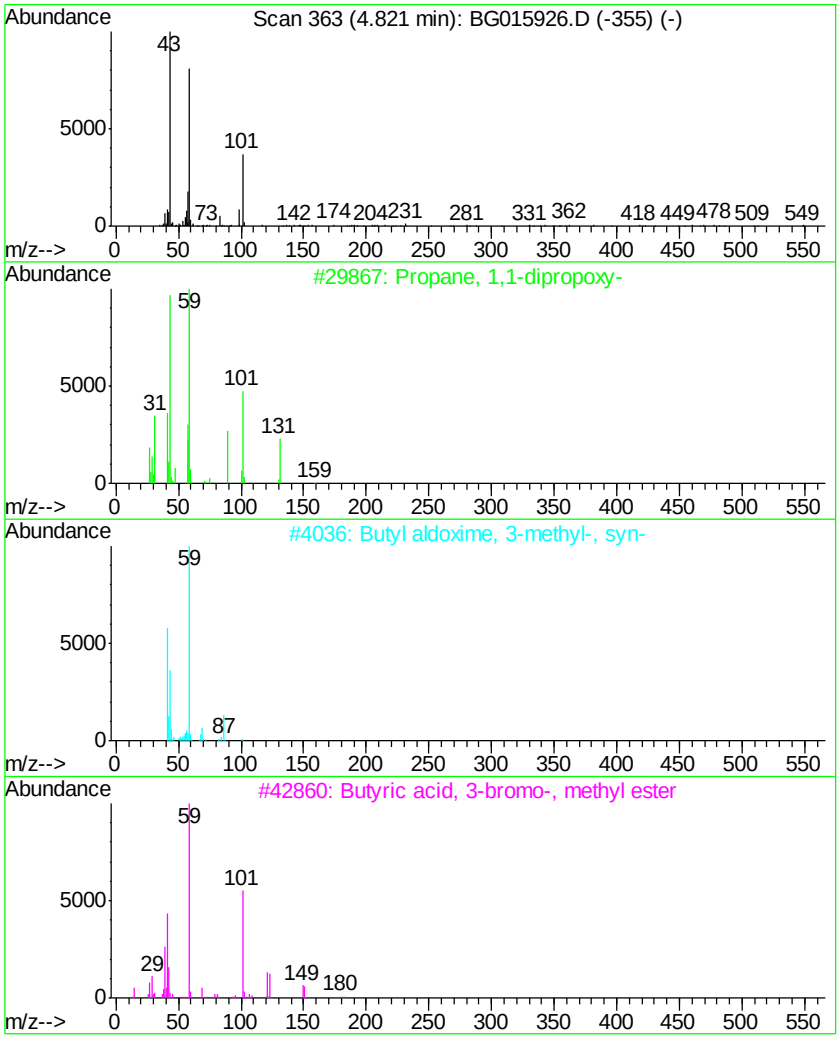
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

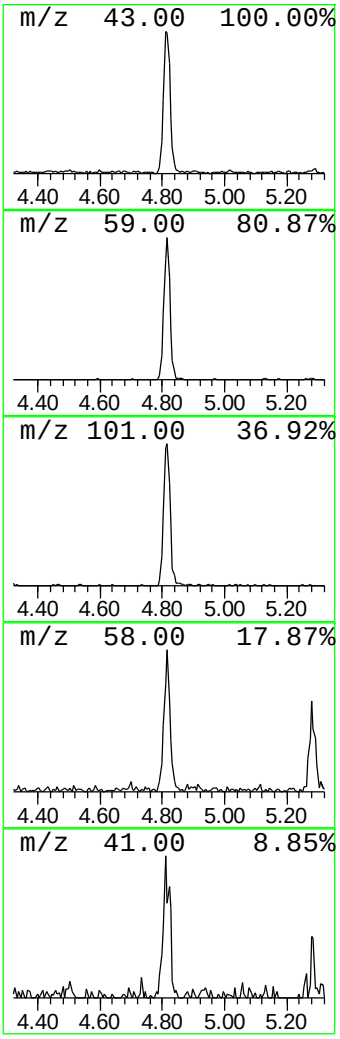
****

Peak Number 3 Propane, 1,1-dipropoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	15.66 ng	512126	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	56
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	38
3	Butyric acid, 3-bromo-, methyl e...	180	C5H9BrO2	021249-59-2	38
4	Guanidine	59	CH5N3	000113-00-8	38
5	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	33





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015926.D
Acq On : 26 Jan 2015 23:47
Operator : TP/IZ
Sample : G1167-06
Misc : S
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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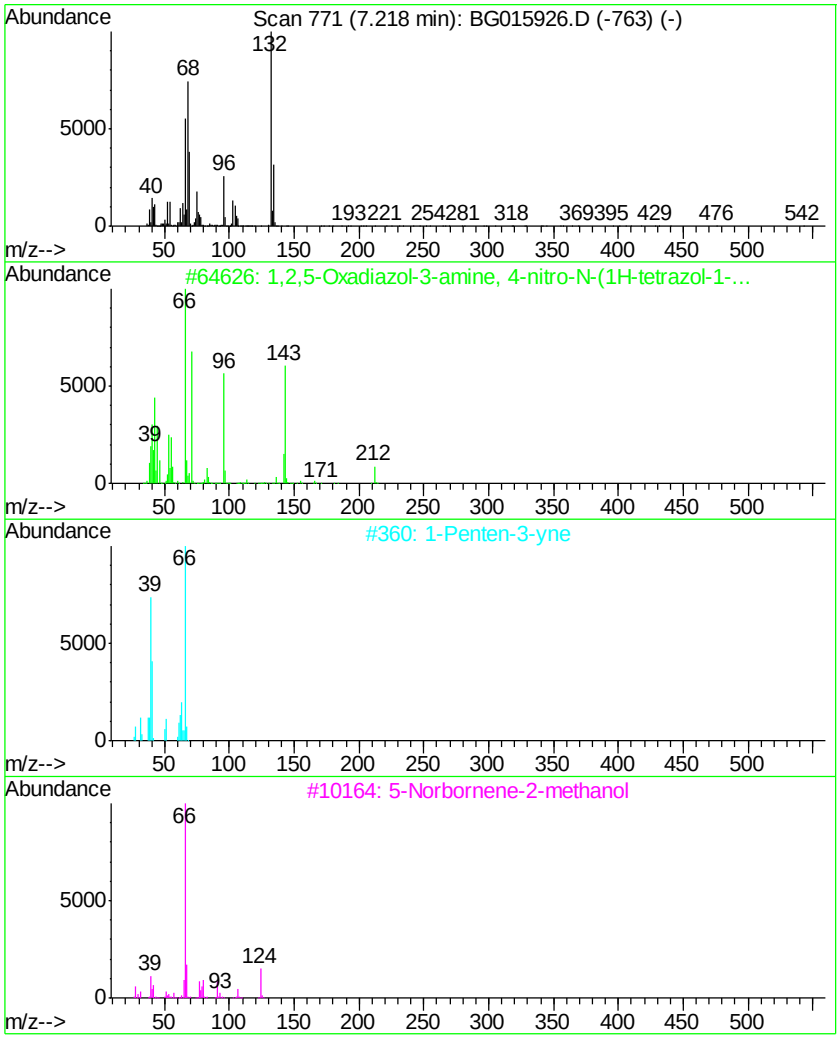
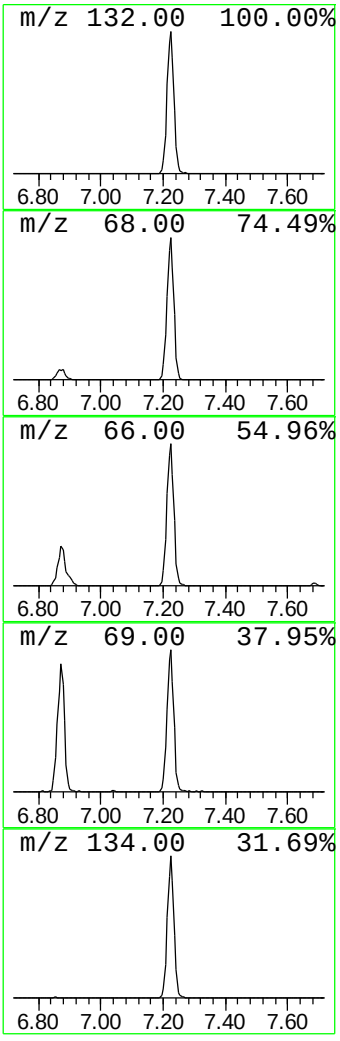
Peak Number 4 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	121.62 ng	3977150	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,5-Oxadiazol-3-amine, 4-nitro...	212	C4H4N8O3	1000277-41-1	35
2	1-Penten-3-yne	66	C5H6	000646-05-9	16
3	5-Norbornene-2-methanol	124	C8H12O	000095-12-5	16
4	1-(2-Cyanovinyl)aziridine-2-carb...	119	C6H5N3	1000191-13-8	16
5	Bicyclo[3.2.0]hept-2-en-6-one	108	C7H8O	013173-09-6	16





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015926.D
Acq On : 26 Jan 2015 23:47
Operator : TP/IZ
Sample : G1167-06
Misc : S
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

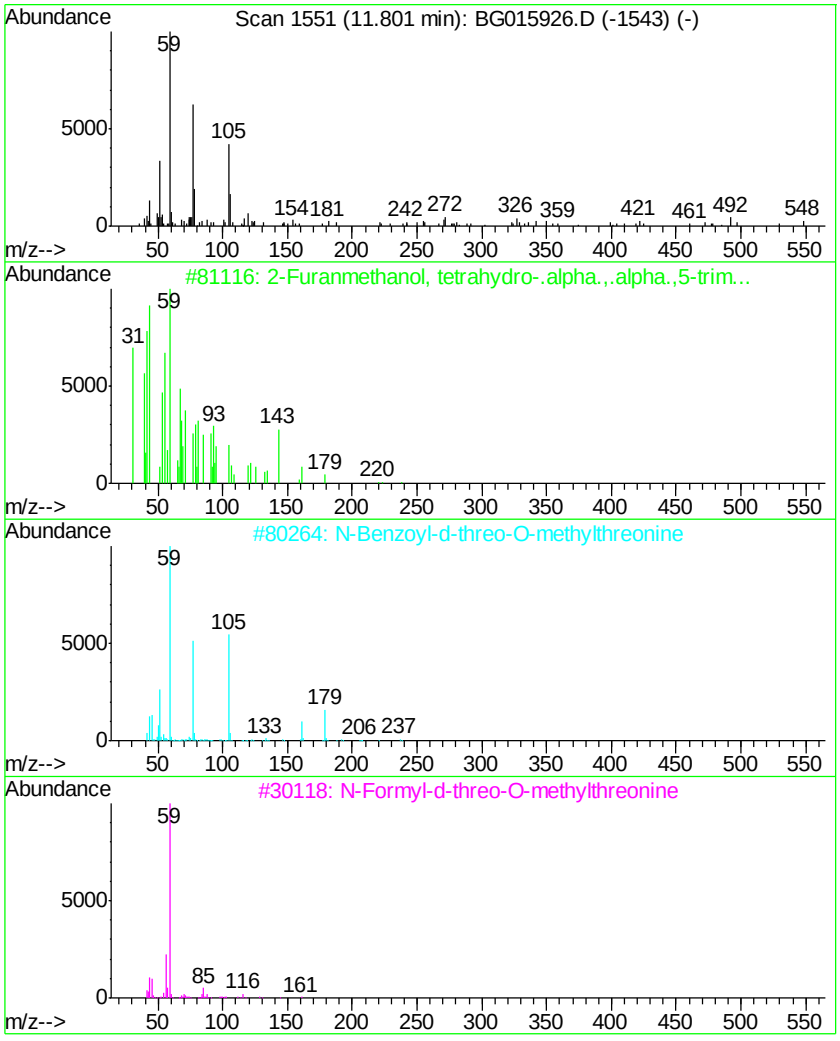
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

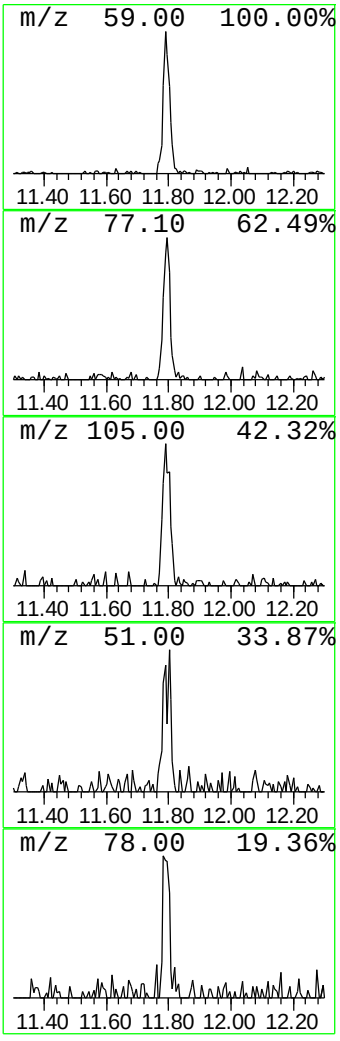
****

Peak Number 6 unknown11.80 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.13 ng	145164	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furanmethanol, tetrahydro-.alp...	238	C15H26O2	026184-88-3	47
2	N-Benzoyl-d-threo-O-methylthreonine	237	C12H15NO4	131644-54-7	38
3	N-Formyl-d-threo-O-methylthreonine	161	C6H11NO4	1000214-69-5	23
4	Hydrazine, trimethyl-	74	C3H10N2	001741-01-1	23
5	Benzaldehyde	106	C7H6O	000100-52-7	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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Acq On : 26 Jan 2015 23:47
Operator : TP/IZ
Sample : G1167-06
Misc : S
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

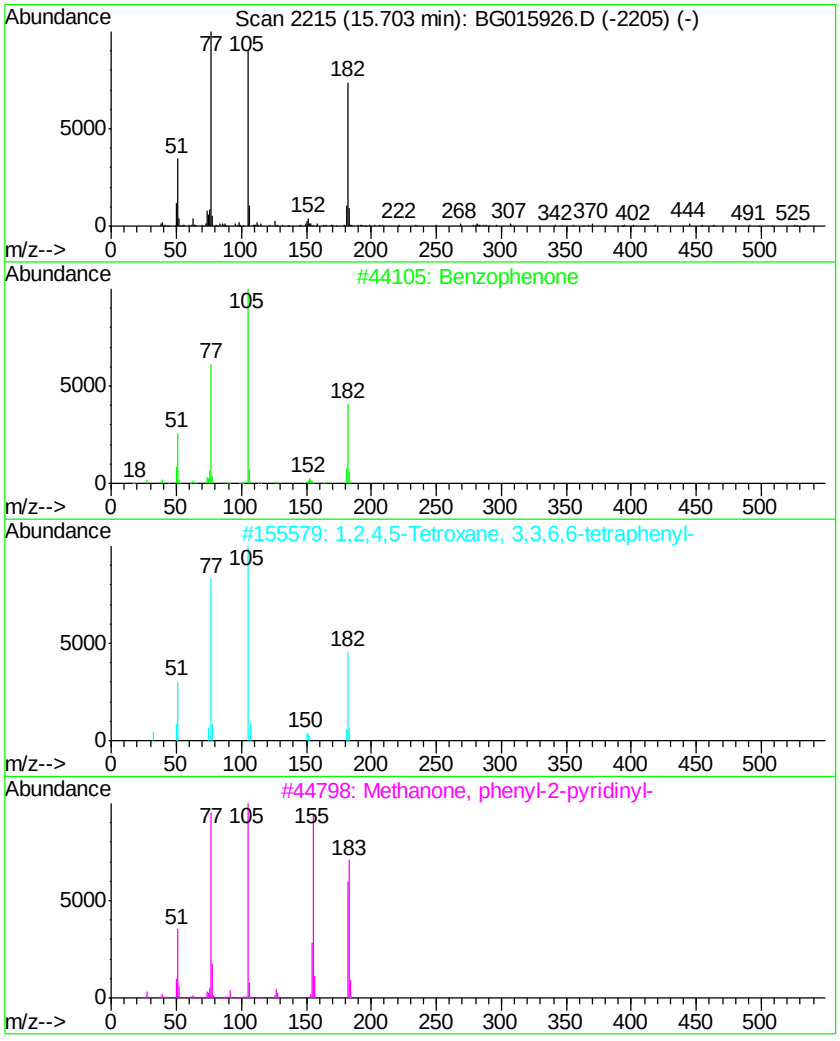
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

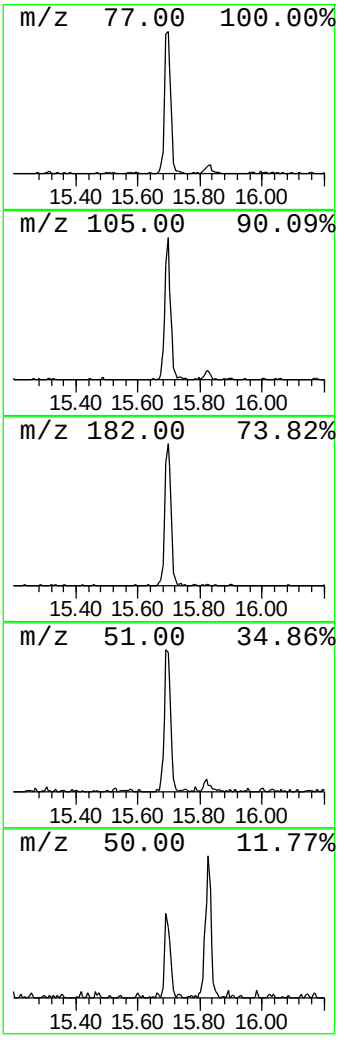
****

Peak Number 7 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	6.96 ng	496724	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	92
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	64
4	Azobenzene	182	C12H10N2	000103-33-3	59
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	37





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015926.D
Acq On : 26 Jan 2015 23:47
Operator : TP/IZ
Sample : G1167-06
Misc : S
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

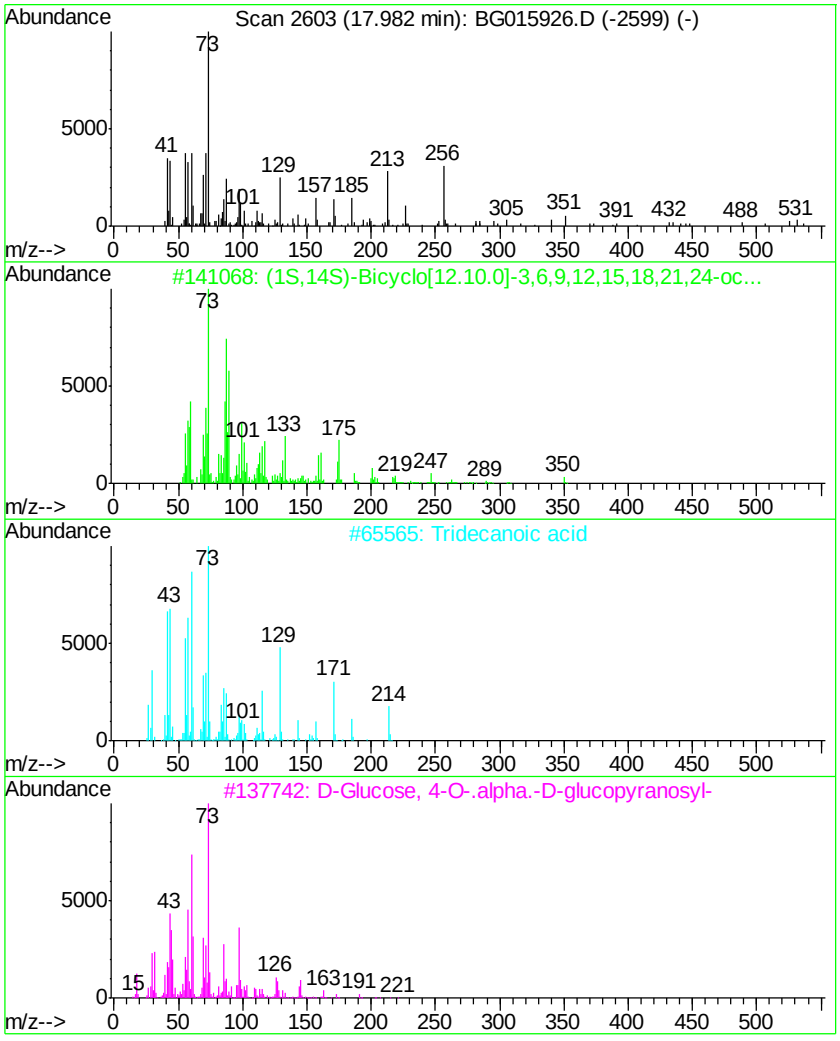
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

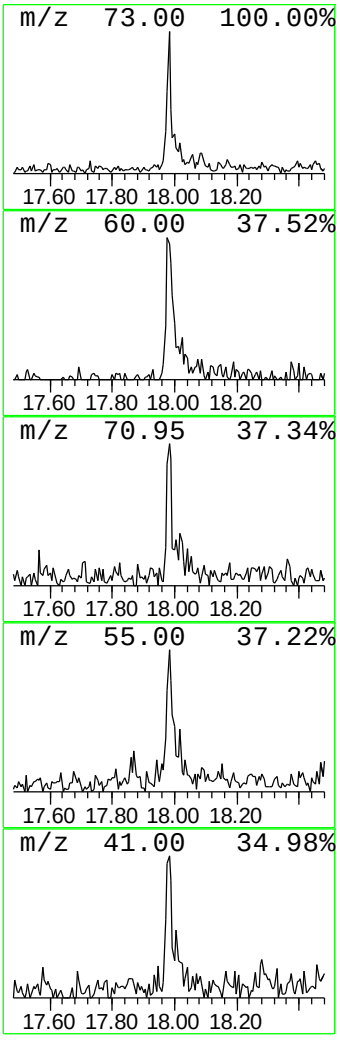
****

Peak Number 8 unknown17.98 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	2.66 ng	265720	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,14S)-Bicyclo[12.10.0]-3,6,9,...	350	C16H30O8	136982-93-9	14
2	Tridecanoic acid	214	C13H26O2	000638-53-9	12
3	D-Glucose, 4-O-.alpha.-D-glucopy...	342	C12H22O11	000069-79-4	12
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	10
5	Isotridecyl alcohol, trimethylsi...	272	C16H36OSi	1000298-49-8	10





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Acq On : 26 Jan 2015 23:47
Operator : TP/IZ
Sample : G1167-06
Misc : S
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

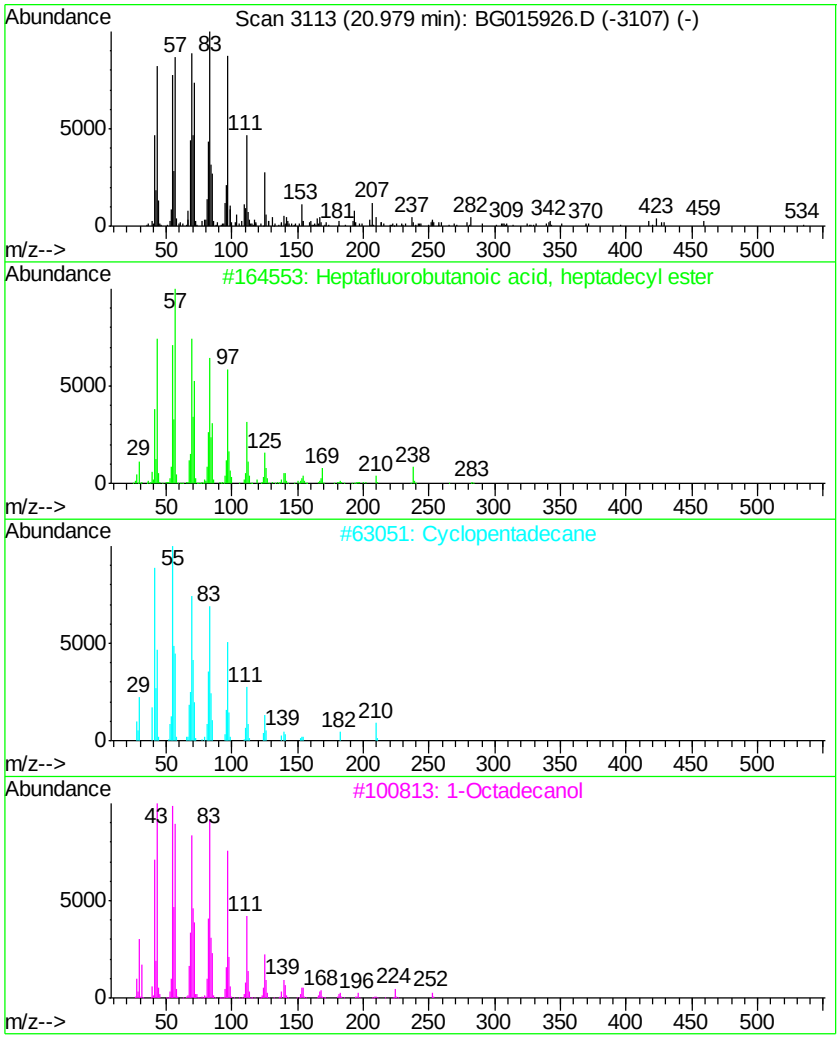
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

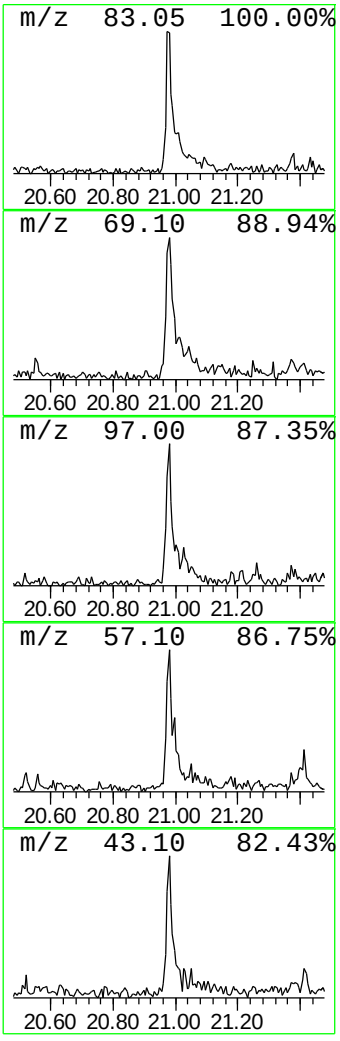
****

Peak Number 9 Heptafluorobutanoic acid, h... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	4.10 ng	538231	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
2	Cyclopentadecane	210	C15H30	000295-48-7	89
3	1-Octadecanol	270	C18H38O	000112-92-5	87
4	1-Octadecene	252	C18H36	000112-88-9	86
5	Cyclopropane, 1-(1,2-dimethylpro...	252	C18H36	041977-42-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015926.D
Acq On : 26 Jan 2015 23:47
Operator : TP/IZ
Sample : G1167-06
Misc : S
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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
1-Pentene, 2-methyl-	2.82	8.3	ng	271515	1	7.69	654053	20.0
unknown2.91	2.91	7.8	ng	254500	1	7.69	654053	20.0
Propane, 1,1-dipr...	4.82	15.7	ng	512126	1	7.69	654053	20.0
unknown7.22	7.22	121.6	ng	3977150	1	7.69	654053	20.0
unknown11.80	11.80	3.1	ng	145164	2	10.47	927370	20.0
Benzophenone	15.70	7.0	ng	496724	3	14.33	1428090	20.0
unknown17.98	17.98	2.7	ng	265720	4	17.08	1998620	20.0
Heptafluorobutano...	20.98	4.1	ng	538231	5	21.27	2625810	20.0