LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017752.D
Acq On : 22 Jun 2015 19:13
Operator : TP/IZ
Sample : G2715-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 76-INFIELD(0-2)-4

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-BG061815.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	2.890	30	34	39	rBV	333516	393279	8.66%	1.262%
2	4.758	347	352	365	rVB	422104	594933	13.10%	1.909%
3	5.216	423	430	439	rBV	1653436	2313700	50.96%	7.426%
4	6.151	586	589	598	rBV	40781	68539	1.51%	0.220%
5	6.791	690	698	711	rBV	1677021	2607987	57.44%	8.370%
6	7.144	751	758	766	rBV	1645944	2575404	56.73%	8.266%
7	7.608	830	837	844	rBV	378676	605539	13.34%	1.943%
8	7.925	884	891	898	rBV	1051133	1708517	37.63%	5.483%
9	8.759	1026	1033	1041	rBV	937731	1563974	34.45%	5.019%
10	10.387	1304	1310	1318	rVB	538771	894688	19.71%	2.871%
11	11.721	1531	1537	1544	rVB	56573	91279	2.01%	0.293%
12	12.614	1684	1689	1695	rBV2	38781	57884	1.27%	0.186%
13	12.884	1727	1735	1744	rBV	2112450	3186438	70.18%	10.227%
14	13.724	1872	1878	1889	rVB	291916	406571	8.96%	1.305%
15	14.265	1963	1970	1980	rVB2	807928	1215797	26.78%	3.902%
16	15.052	2097	2104	2108	rBV	33728	47843	1.05%	0.154%
17	15.634	2196	2203	2212	rVB	251141	331642	7.30%	1.064%
18	15.757	2217	2224	2234	rBV	1831661	2516154	55.42%	8.075%
19	17.014	2431	2438	2447	rBV	1116647	1523365	33.55%	4.889%
20	17.931	2589	2594	2602	rBV	136188	210409	4.63%	0.675%
21	19.224	2809	2814	2822	rBV3	52038	89009	1.96%	0.286%
22	19.664	2883	2889	2902	rBV	3613383	4540068	100.00%	14.571%
23	20.945	3103	3107	3115	rBV	253097	386841	8.52%	1.242%
24	21.210	3147	3152	3164	rBV	1290186	1658223	36.52%	5.322%
25	23.436	3524	3531	3541	rVB2	861605	1570112	34.58%	5.039%

Sum of corrected areas: 31158195

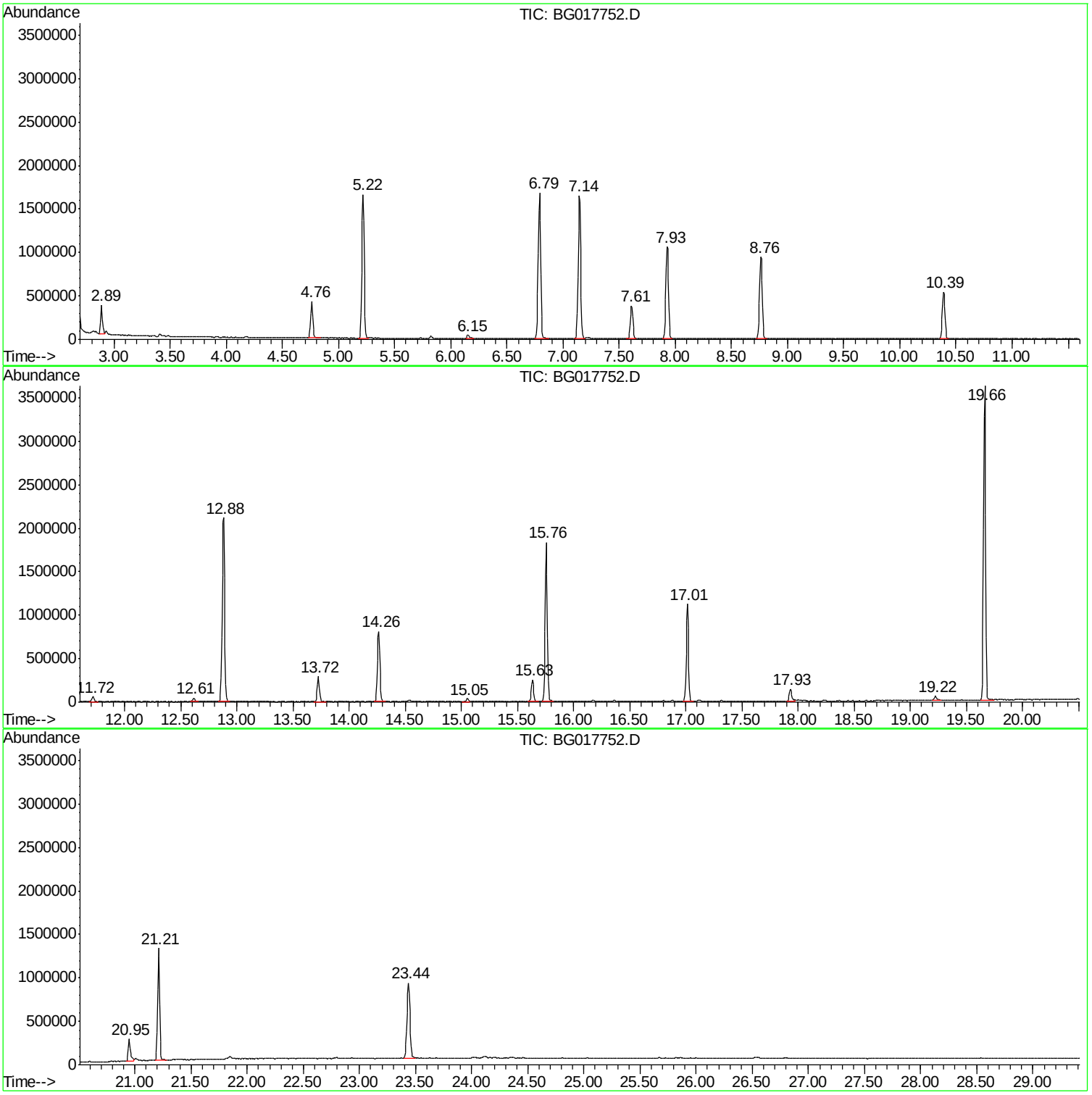
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017752.D
Acq On : 22 Jun 2015 19:13
Operator : TP/IZ
Sample : G2715-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
76-INFIELD(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.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\BG062215\
Data File : BG017752.D
Acq On : 22 Jun 2015 19:13
Operator : TP/IZ
Sample : G2715-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 76-INFIELD(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

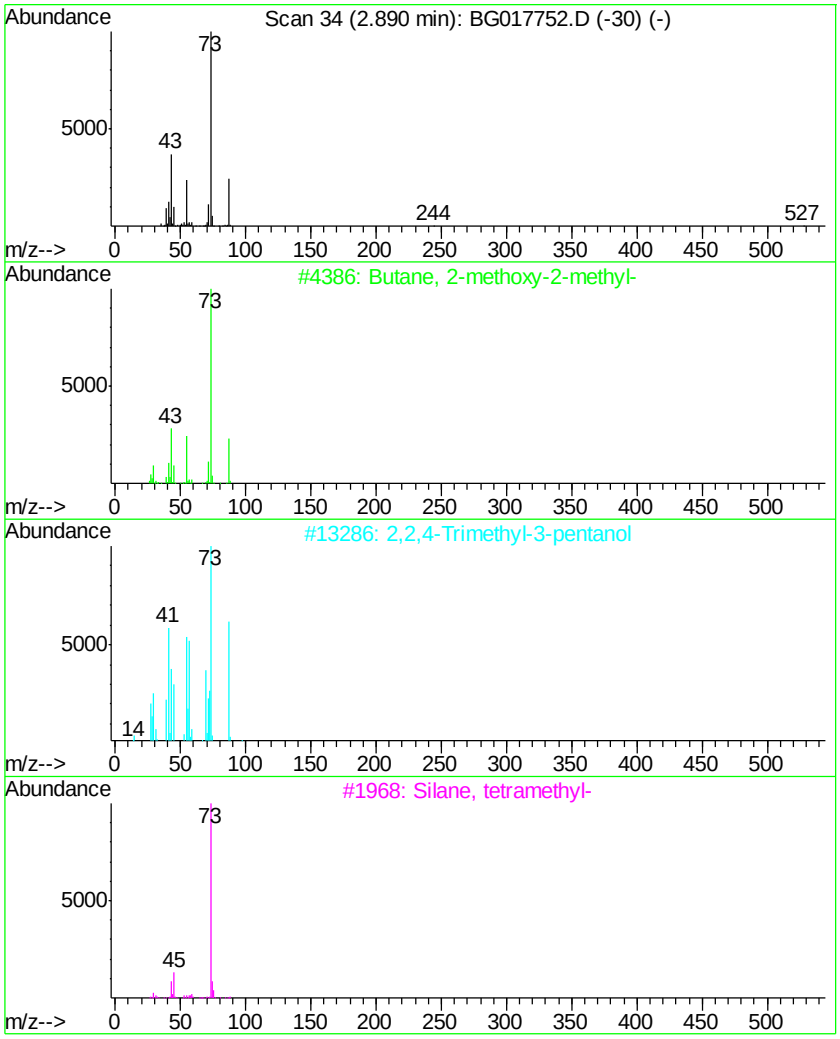
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

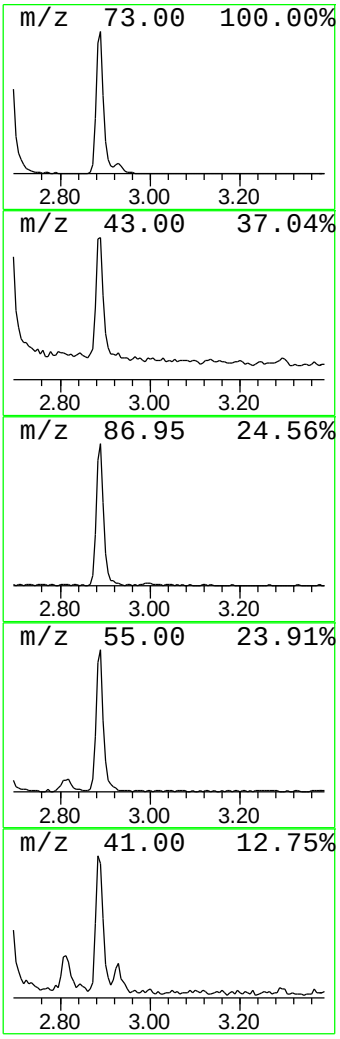
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	12.99 ng	393279	1,4-Dichlorobenzene-d4	7.61

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	22
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017752.D
Acq On : 22 Jun 2015 19:13
Operator : TP/IZ
Sample : G2715-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 76-INFIELD(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

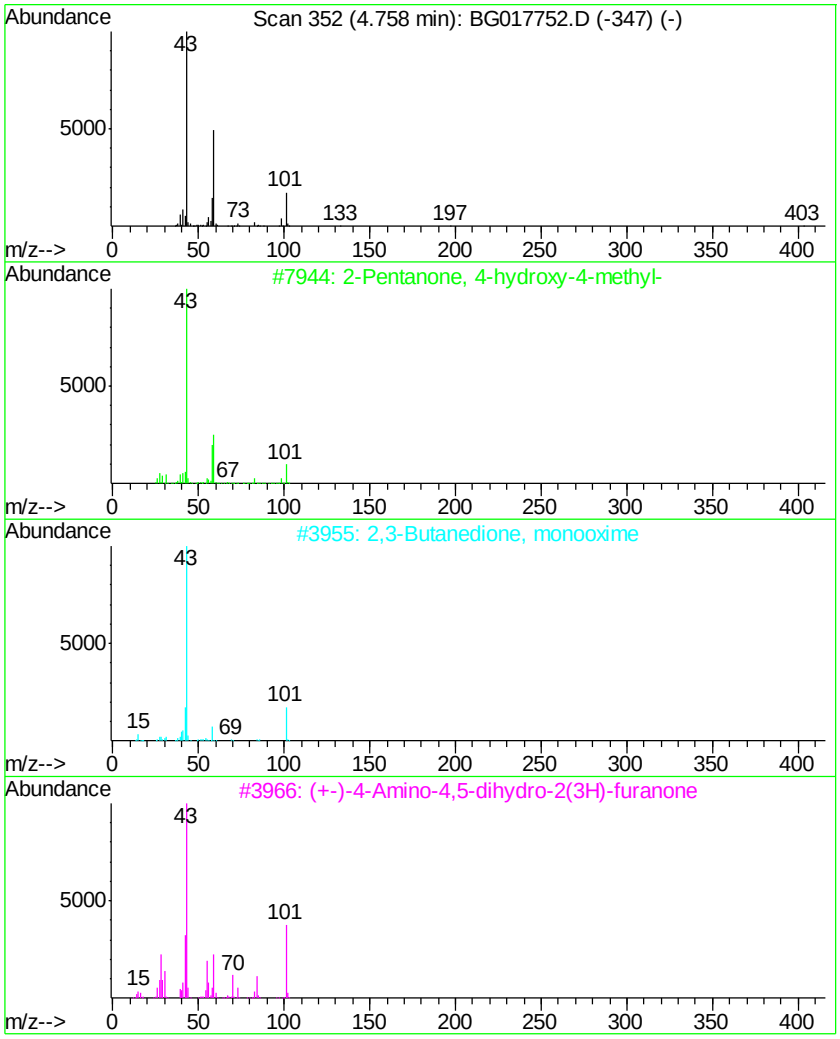
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

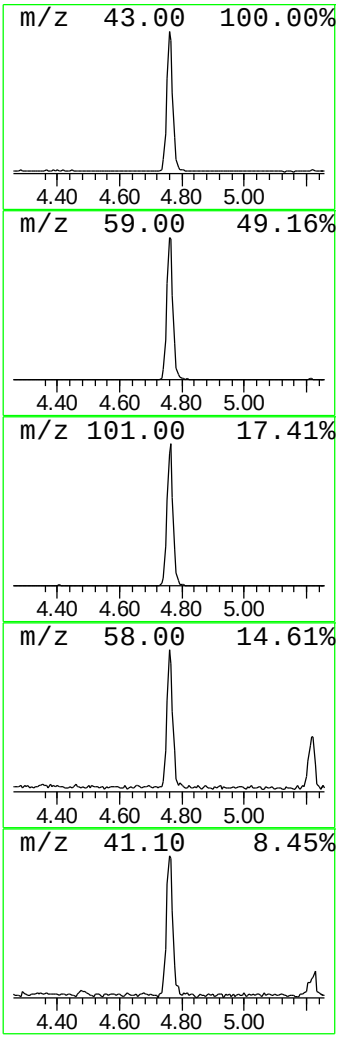
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	19.65 ng	594933	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017752.D
Acq On : 22 Jun 2015 19:13
Operator : TP/IZ
Sample : G2715-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 76-INFIELD(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

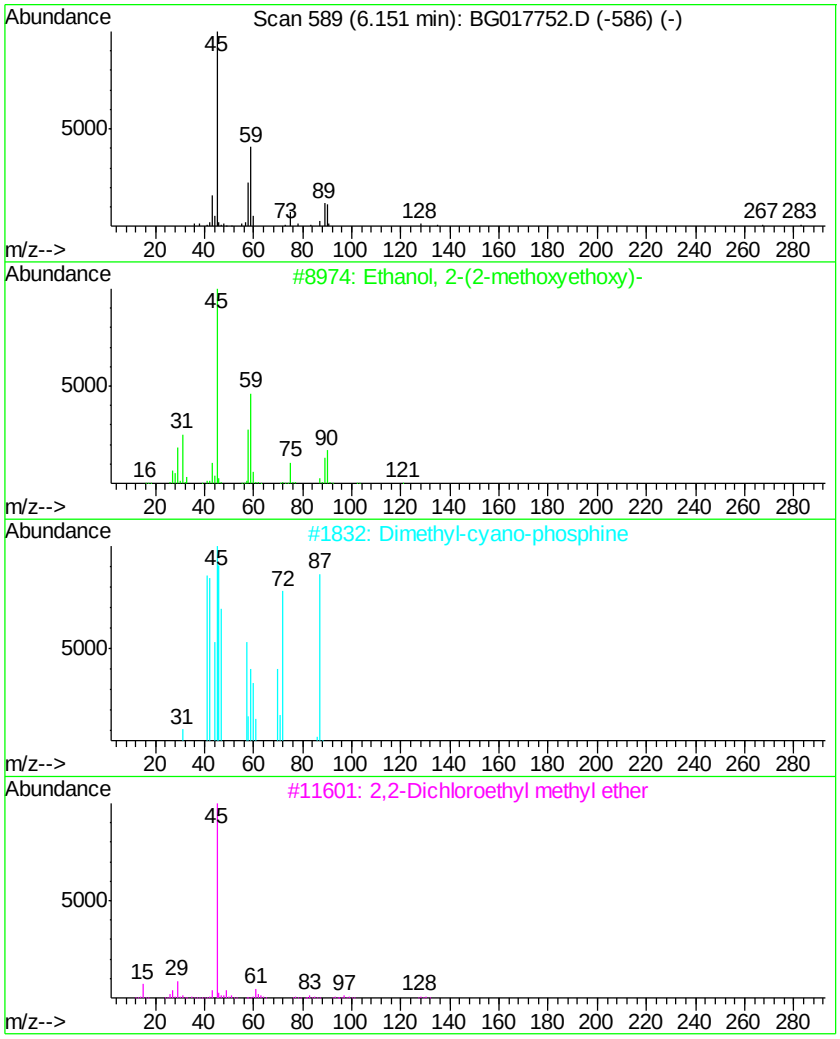
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

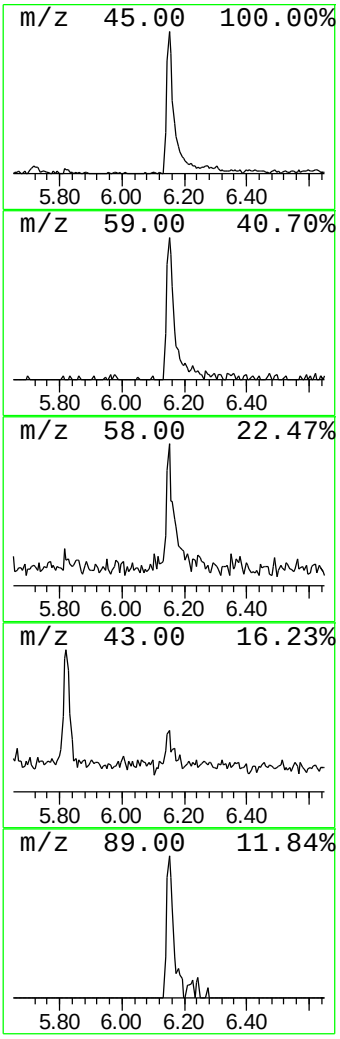
****

Peak Number 3 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	2.26 ng	68539	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2	Dimethyl-cyano-phosphine	87	C3H6NP	031641-57-3	40
3	2,2-Dichloroethyl methyl ether	128	C3H6Cl2O	034862-07-2	38
4	Hydrazine, (2-methoxyethyl)-	90	C3H10N2O	003044-15-3	37
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	36





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017752.D
Acq On : 22 Jun 2015 19:13
Operator : TP/IZ
Sample : G2715-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 76-INFIELD(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

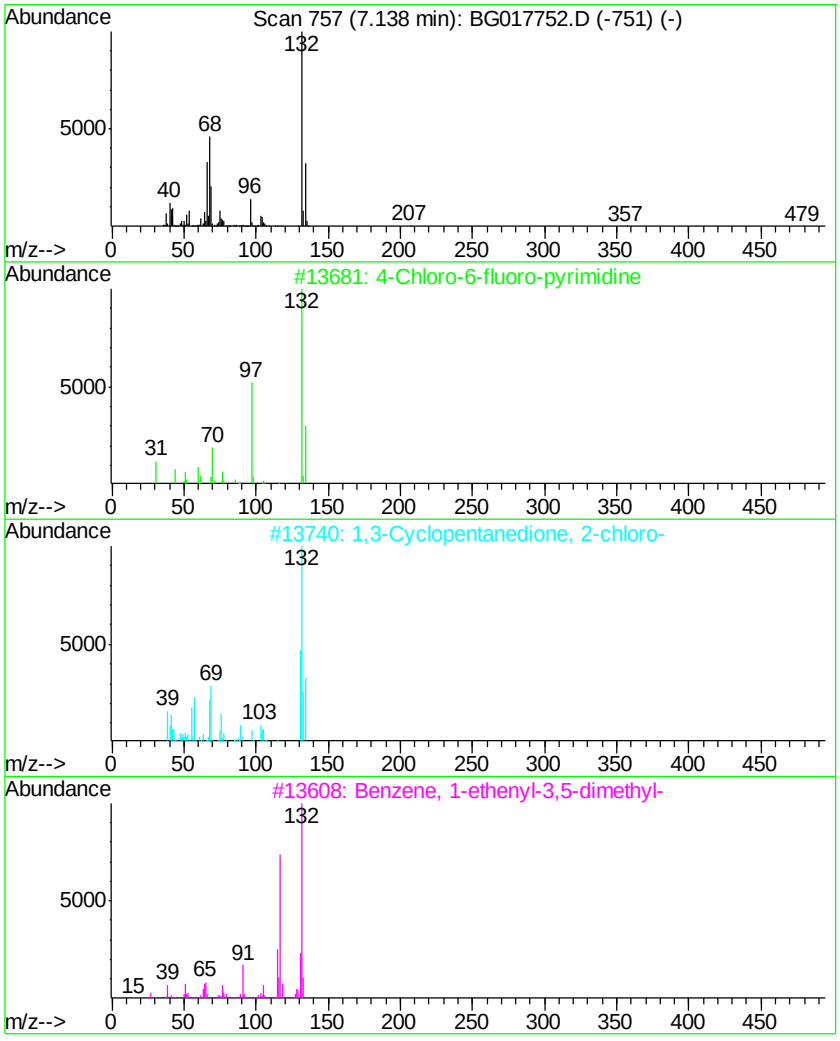
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

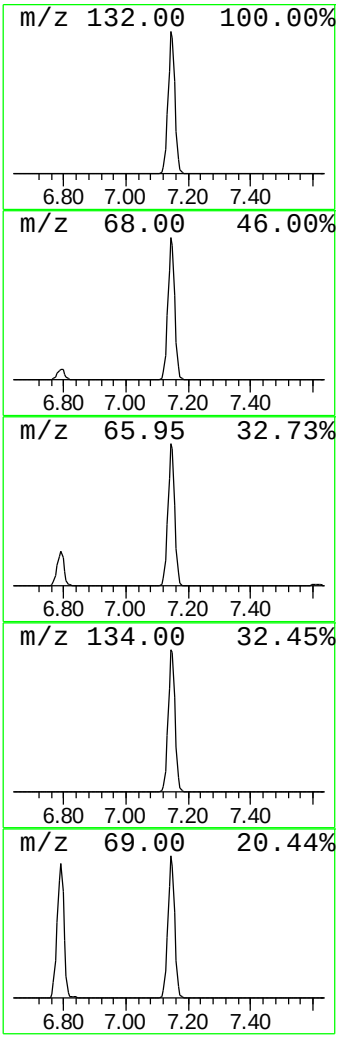
****

Peak Number 4 unknown7.14 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	85.06 ng	2575400	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017752.D
Acq On : 22 Jun 2015 19:13
Operator : TP/IZ
Sample : G2715-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 76-INFIELD(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

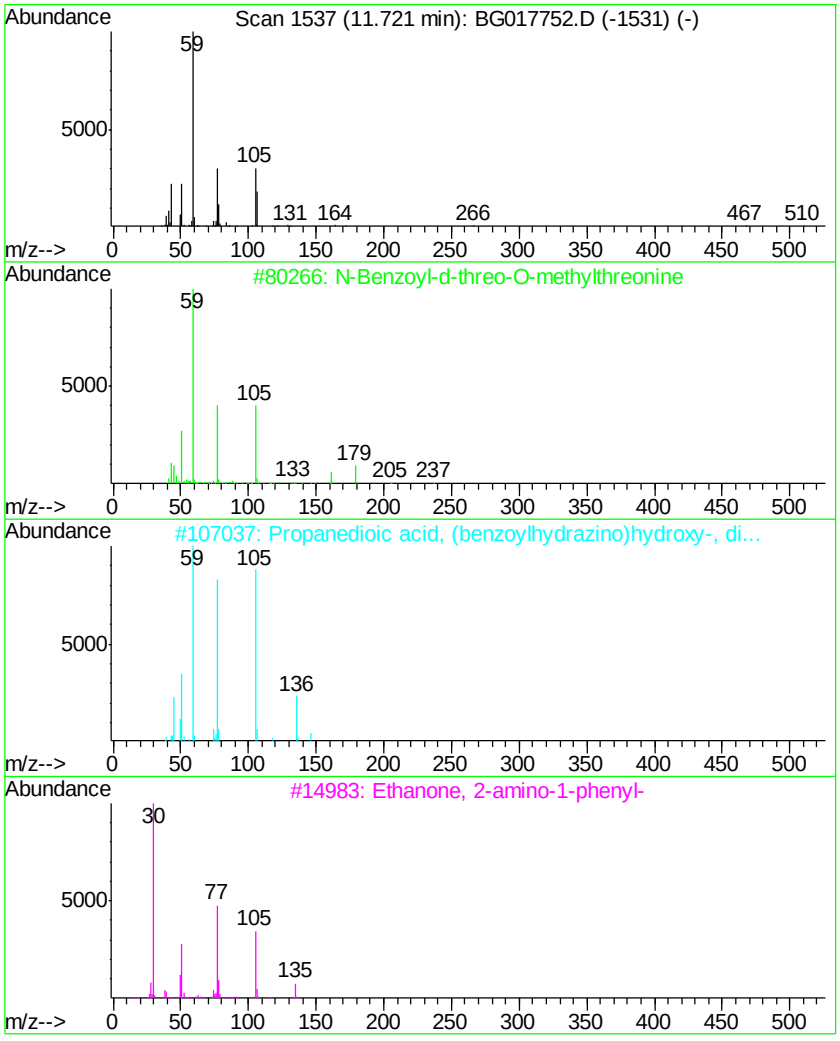
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

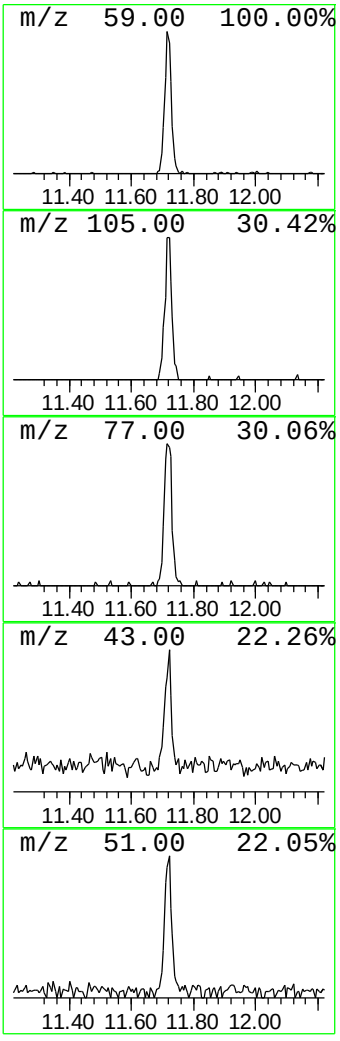
****

Peak Number 6 N-Benzoyl-d-threo-O-methylt... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	2.04 ng	91279	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Benzoyl-d-threo-O-methylthreonine	237	C12H15NO4	131644-54-7	56
2	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	17
3	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	12
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	9
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017752.D
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Operator : TP/IZ
Sample : G2715-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 76-INFIELD(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

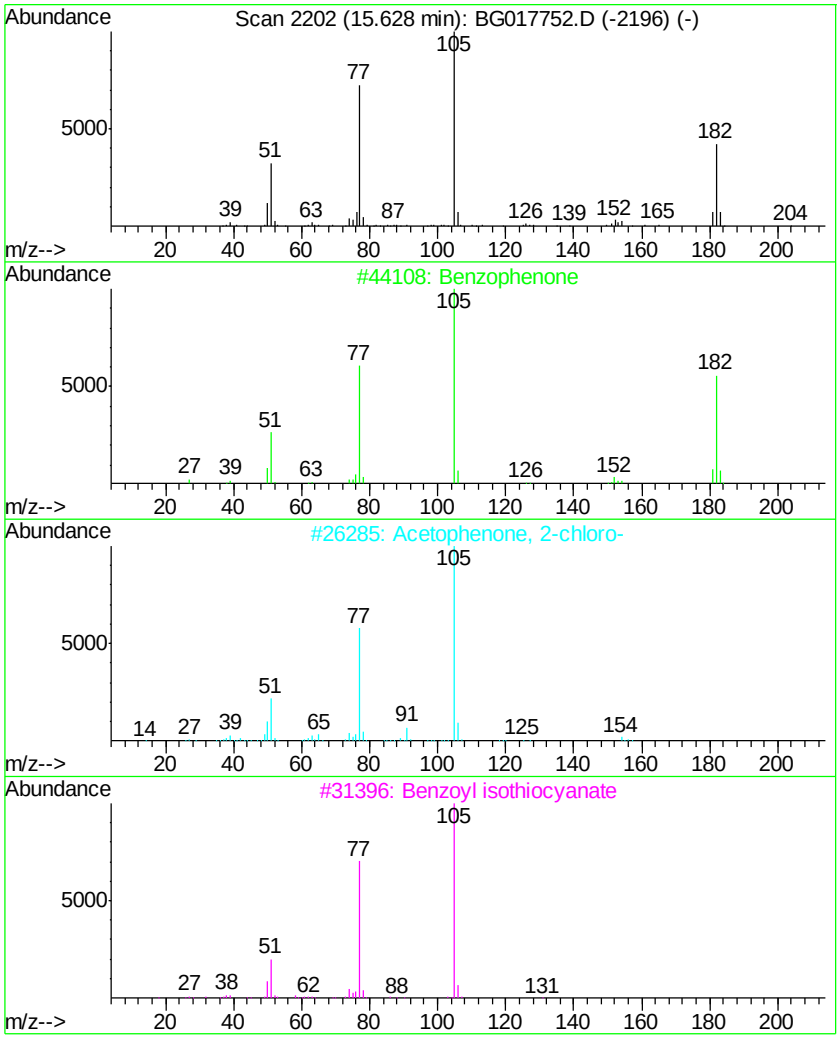
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

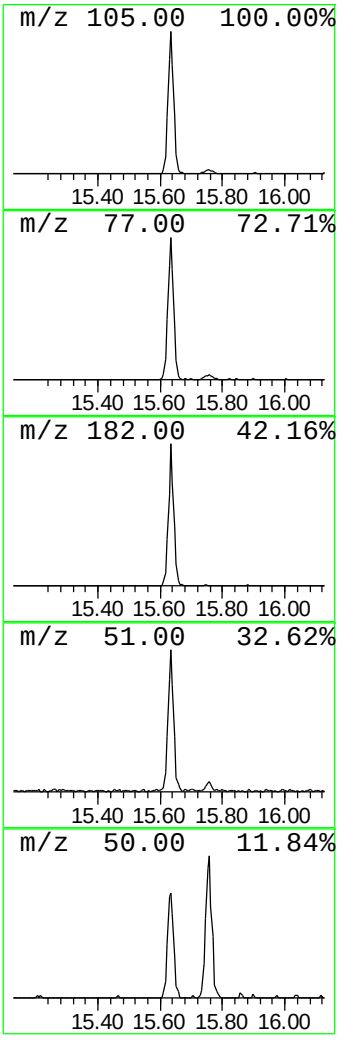
****

Peak Number 7 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	5.46 ng	331642	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	52
3	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	50
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	50
5	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017752.D
Acq On : 22 Jun 2015 19:13
Operator : TP/IZ
Sample : G2715-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 76-INFIELD(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

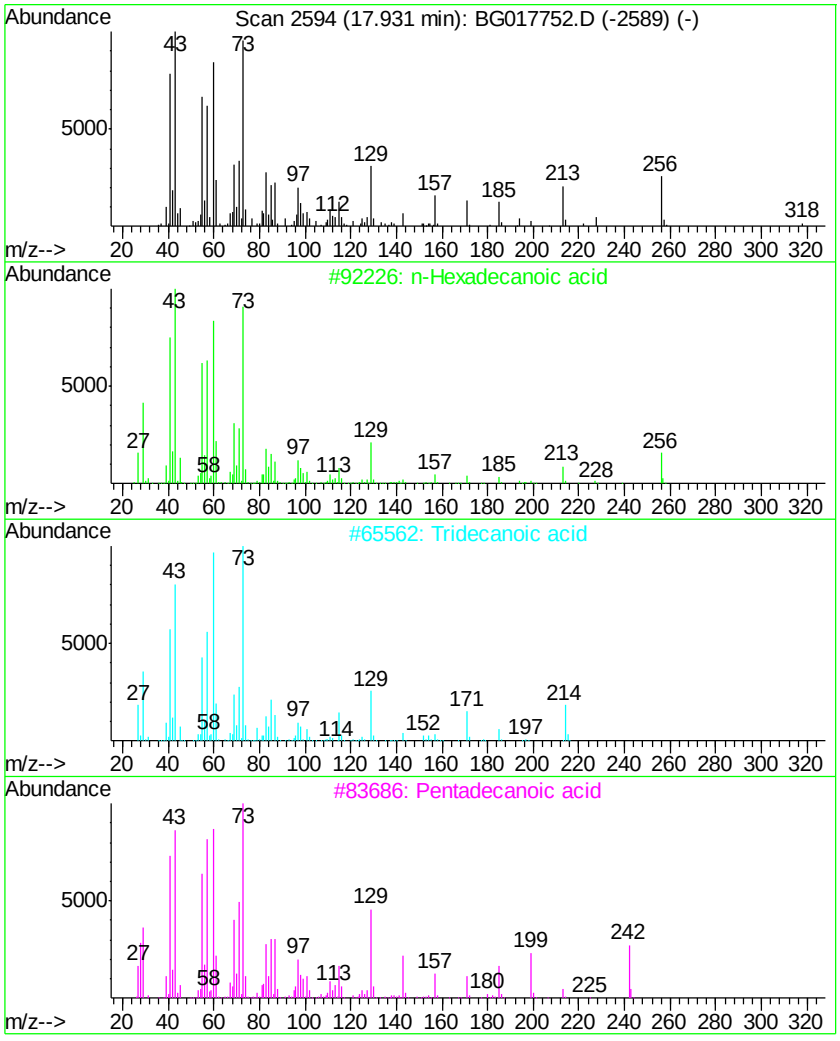
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

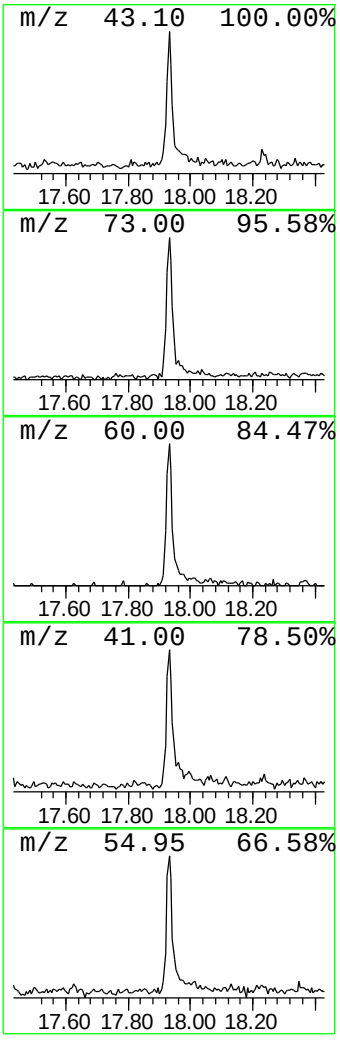
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.76 ng	210409	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
4	Nonanoic acid	158	C9H18O2	000112-05-0	43
5	Glucose	180	C6H12O6	000050-99-7	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017752.D
Acq On : 22 Jun 2015 19:13
Operator : TP/IZ
Sample : G2715-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 76-INFIELD(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

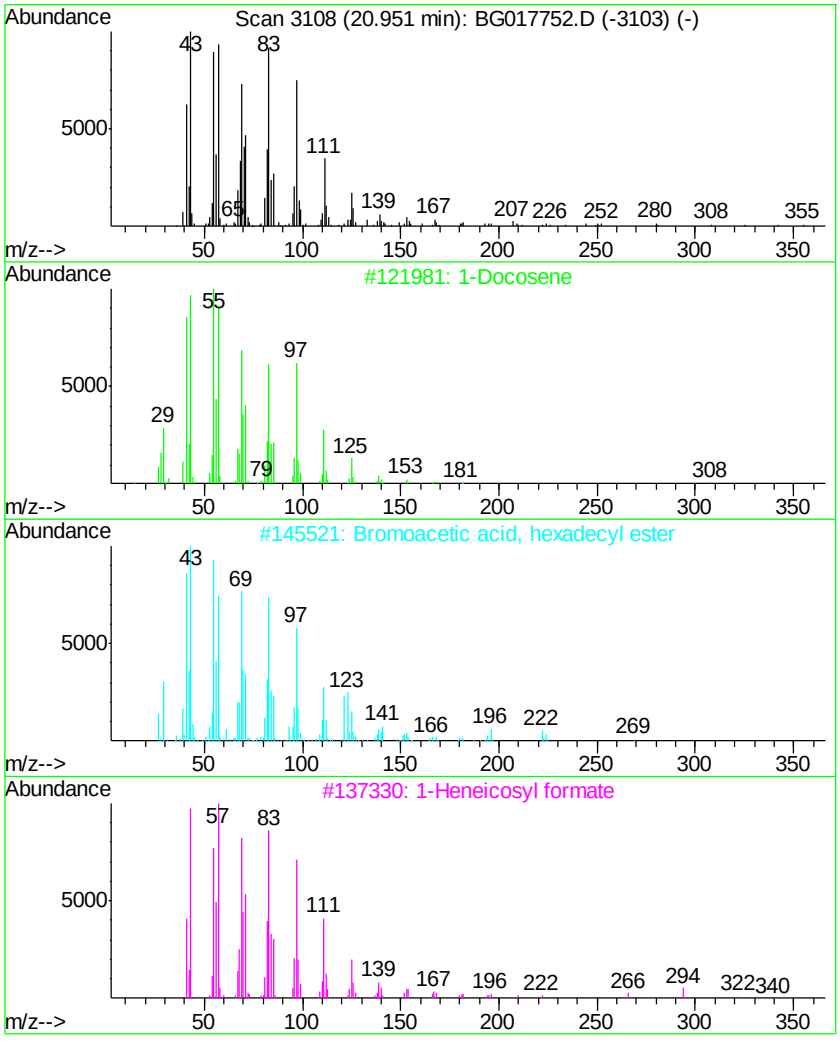
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

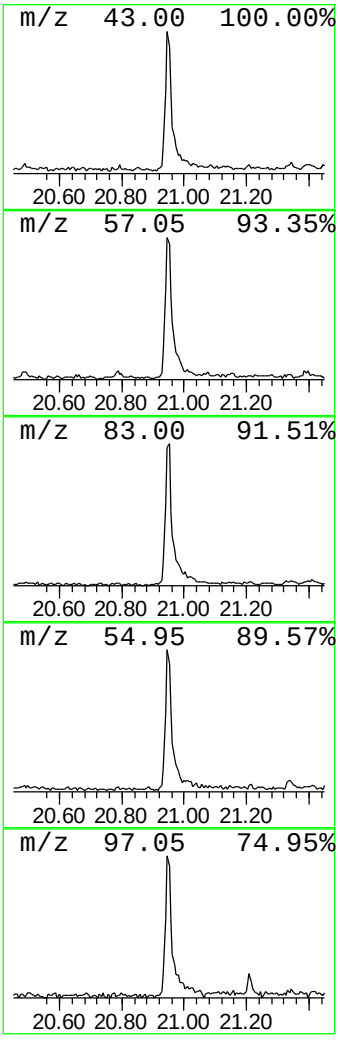
****

Peak Number 9 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	4.67 ng	386841	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017752.D
Acq On : 22 Jun 2015 19:13
Operator : TP/IZ
Sample : G2715-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 76-INFIELD(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.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...	2.89	13.0	ng	393279	1	7.61	605539	20.0
2-Pentanone, 4-hy...	4.76	19.6	ng	594933	1	7.61	605539	20.0
Ethanol, 2-(2-met...	6.15	2.3	ng	68539	1	7.61	605539	20.0
unknown7.14	7.14	85.1	ng	2575400	1	7.61	605539	20.0
N-Benzoyl-d-threo...	11.72	2.0	ng	91279	2	10.39	894688	20.0
Benzophenone	15.63	5.5	ng	331642	3	14.26	1215800	20.0
n-Hexadecanoic acid	17.93	2.8	ng	210409	4	17.01	1523370	20.0
1-Docosene	20.95	4.7	ng	386841	5	21.21	1658220	20.0