LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG030217\
Data File : BG026035.D
Acq On : 2 Mar 2017 18:38
Operator : SJ/MA
Sample : I2056-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4B-20

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-BG021717.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	3.767	69	73	85	rVB	83774	134740	2.43%	0.350%
2	5.172	306	312	320	rVB	311715	456488	8.24%	1.186%
3	5.642	385	392	405	rBV	2120498	3372069	60.89%	8.758%
4	7.228	654	662	673	rBV	2005552	3429750	61.93%	8.908%
5	7.604	716	726	738	rBV	2094155	3611235	65.21%	9.379%
6	8.074	799	806	812	rBV	390791	655107	11.83%	1.701%
7	8.397	852	861	871	rBV	1564311	2700476	48.76%	7.014%
8	9.226	994	1002	1012	rBV	1198537	2141164	38.66%	5.561%
9	10.871	1273	1282	1294	rBV	528443	962449	17.38%	2.500%
10	13.303	1688	1696	1707	rBV	2846764	4421730	79.85%	11.484%
11	14.120	1829	1835	1840	rBV	480443	709690	12.82%	1.843%
12	14.672	1920	1929	1938	rBV2	774058	1285878	23.22%	3.340%
13	15.918	2131	2141	2147	rBV2	30233	61697	1.11%	0.160%
14	16.153	2173	2181	2191	rBV	2422634	3700939	66.83%	9.612%
15	16.394	2219	2222	2227	rVB2	59844	86741	1.57%	0.225%
16	17.157	2347	2352	2357	rBV2	41972	61213	1.11%	0.159%
17	17.210	2357	2361	2372	rVB3	48716	93243	1.68%	0.242%
18	17.404	2388	2394	2400	rBV	1031623	1528777	27.61%	3.971%
19	18.280	2539	2543	2549	rBV2	88415	150609	2.72%	0.391%
20	20.001	2830	2836	2848	rBV	4096787	5537800	100.00%	14.383%
21	21.294	3051	3056	3065	rBV	164049	269303	4.86%	0.699%
22	21.652	3110	3117	3125	rBV	894625	1506174	27.20%	3.912%
23	23.333	3399	3403	3408	rVB2	43873	75179	1.36%	0.195%
24	24.848	3652	3661	3679	rVB2	512842	1450024	26.18%	3.766%
25	26.006	3854	3858	3865	rVB4	40587	99305	1.79%	0.258%

Sum of corrected areas: 38501780

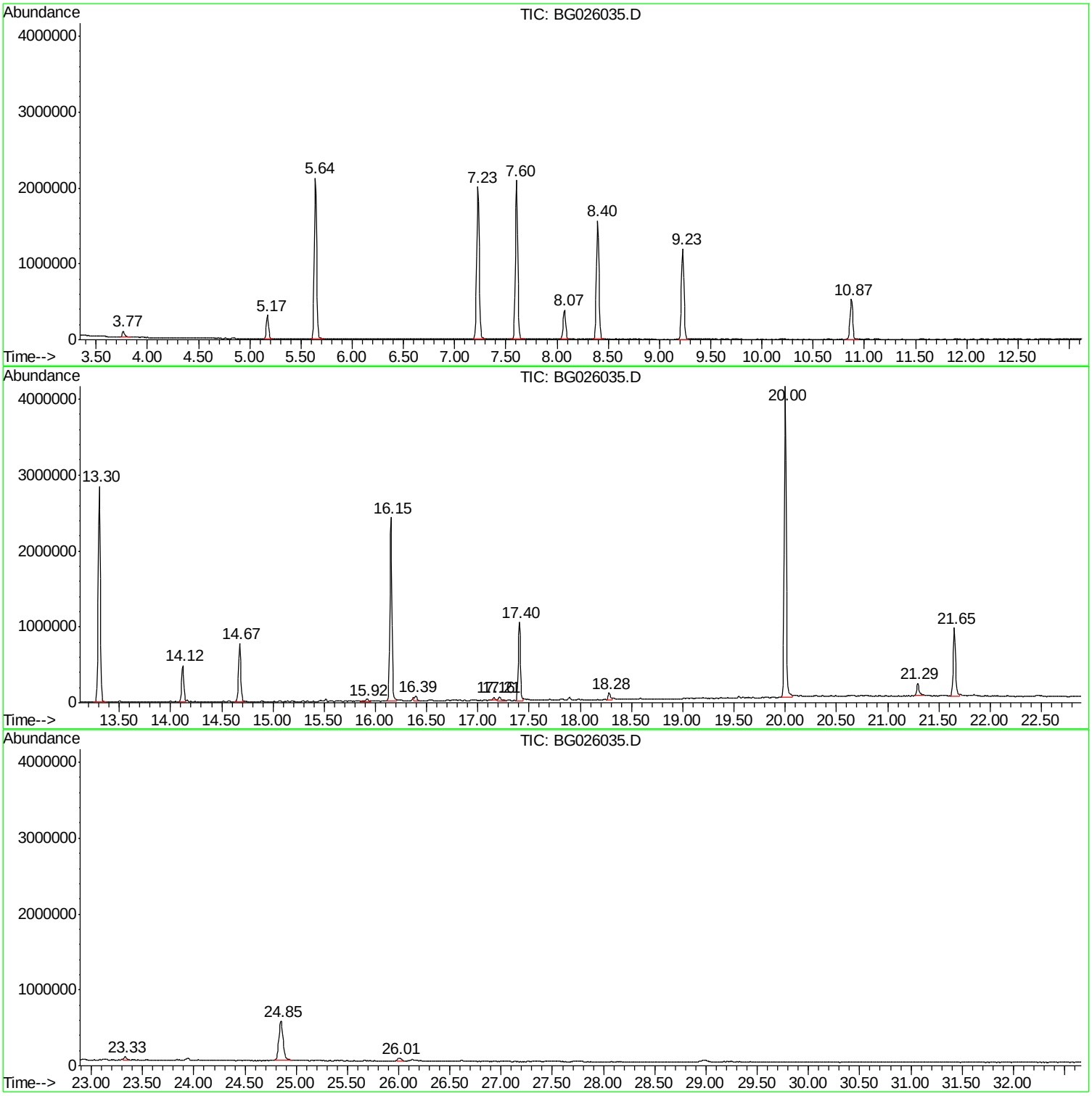
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\Data\BG030217\
Data File : BG026035.D
Acq On : 2 Mar 2017 18:38
Operator : SJ/MA
Sample : I2056-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4B-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\Data\BG030217\
Data File : BG026035.D
Acq On : 2 Mar 2017 18:38
Operator : SJ/MA
Sample : I2056-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4B-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

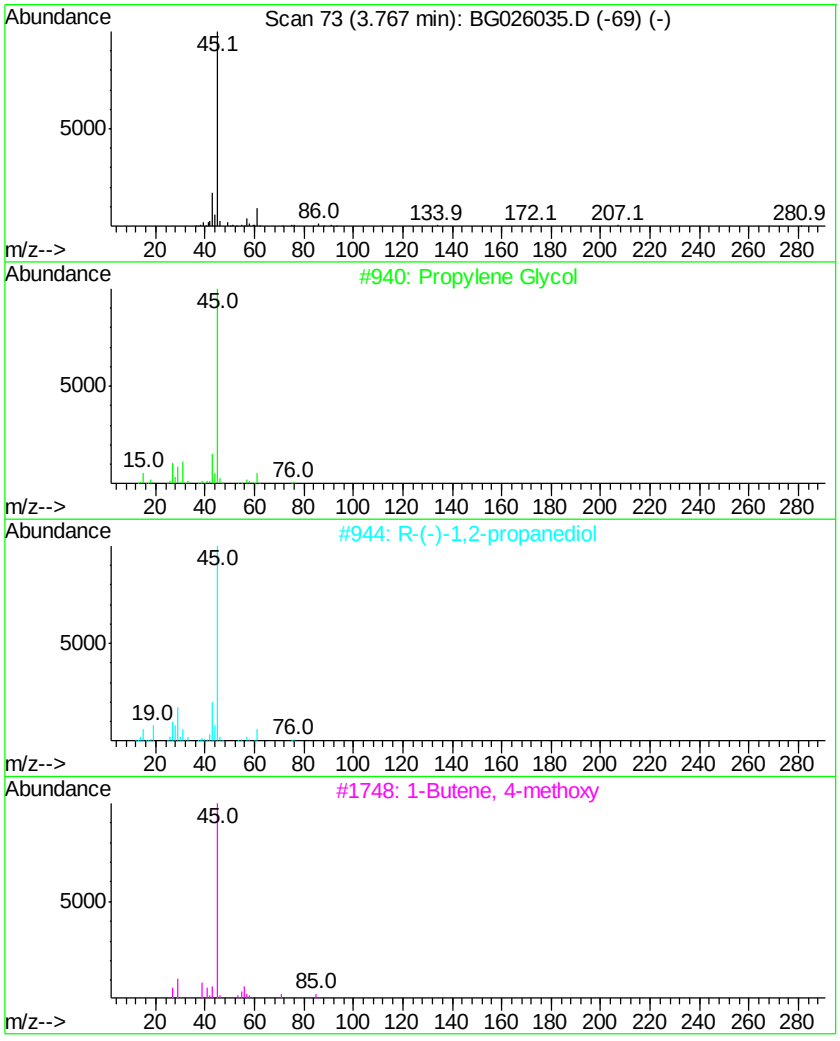
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

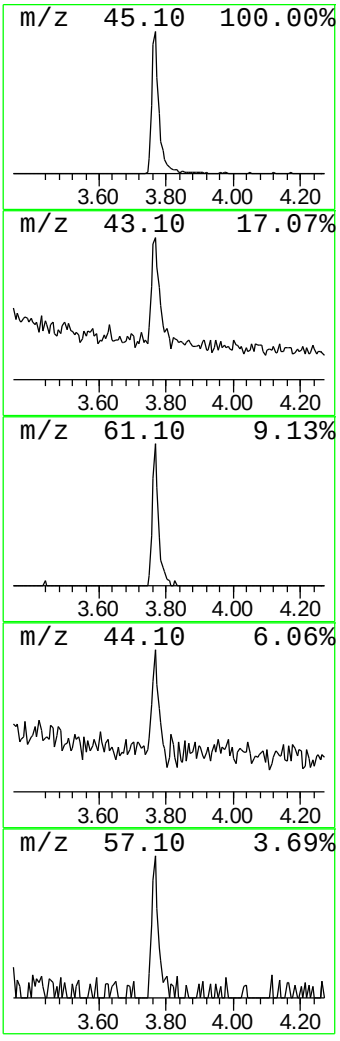
****

Peak Number 1 Propylene Glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	4.11 ng	134740	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
3	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	45
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	45
5	Hydrazine, (2-methoxyethyl)-	90	C3H10N2O	003044-15-3	9





Data Path : Z:\HPCHEM1\BNA G\Data\BG030217\
Data File : BG026035.D
Acq On : 2 Mar 2017 18:38
Operator : SJ/MA
Sample : I2056-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4B-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

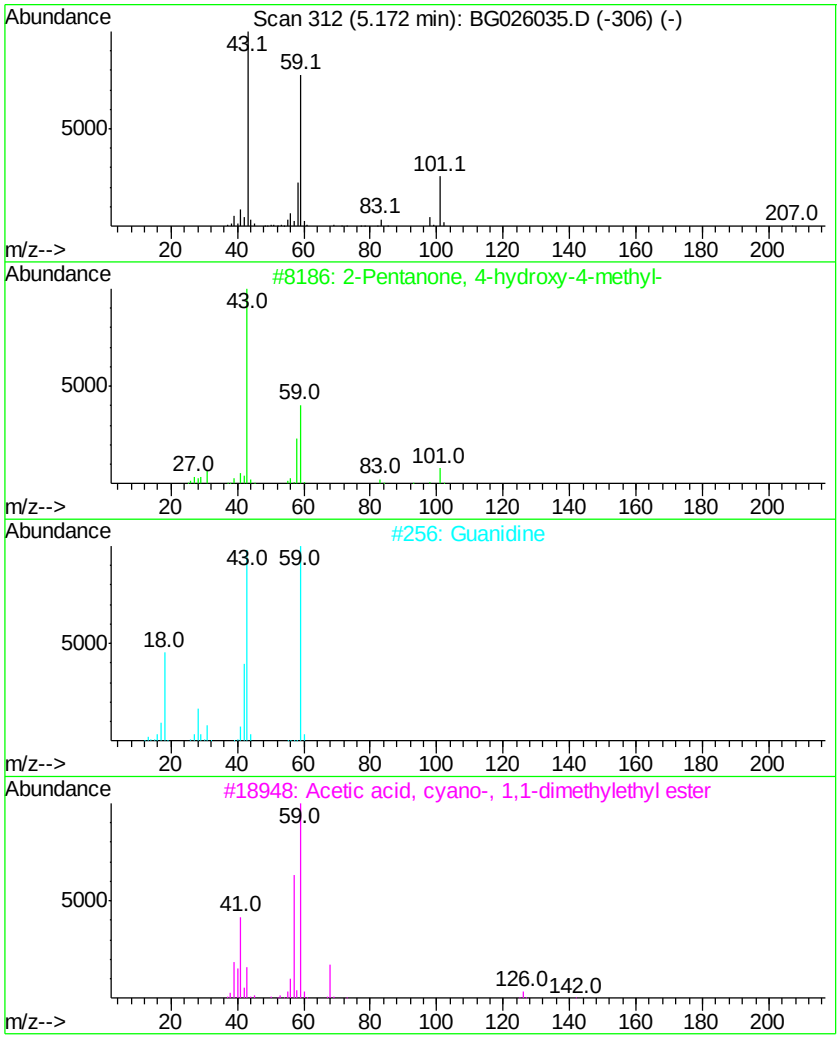
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

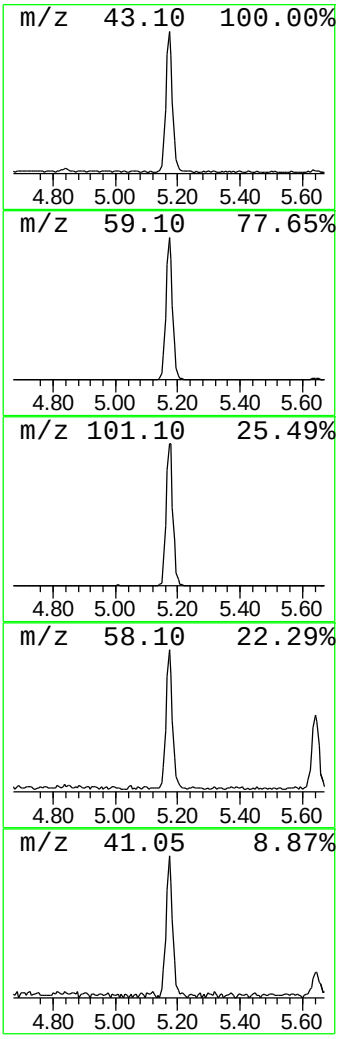
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	13.94 ng	456488	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	47
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	16
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA G\Data\BG030217\
Data File : BG026035.D
Acq On : 2 Mar 2017 18:38
Operator : SJ/MA
Sample : I2056-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4B-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

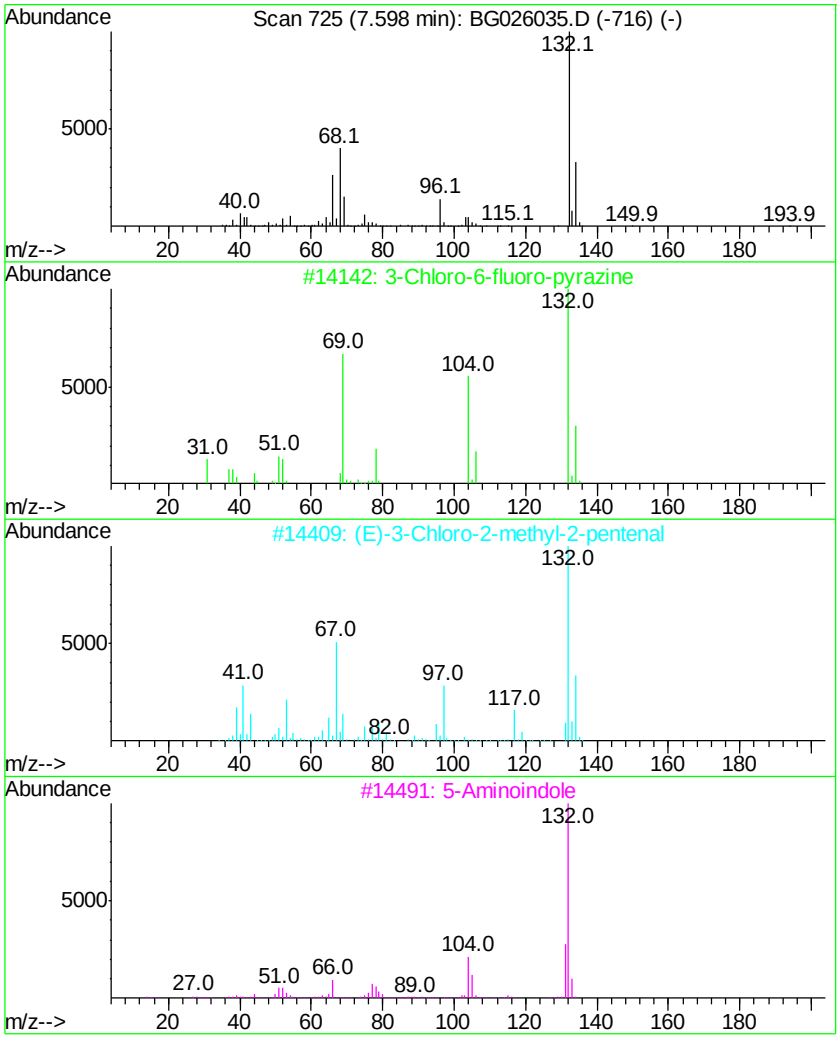
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

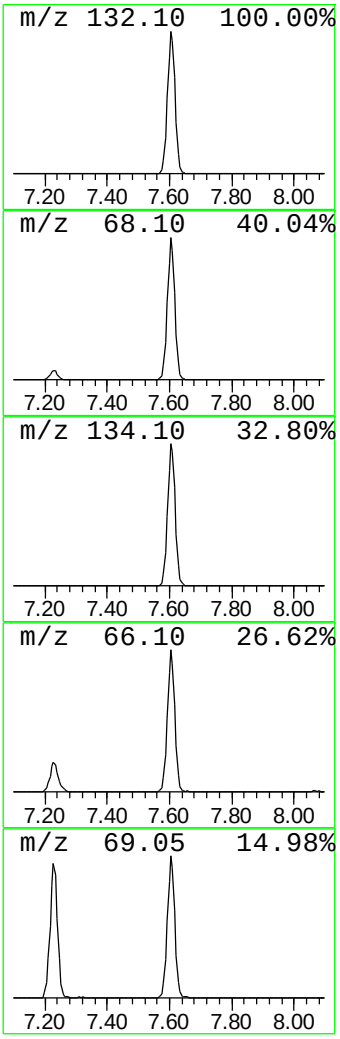
****

Peak Number 3 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	110.25 ng	3611240	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA G\Data\BG030217\
Data File : BG026035.D
Acq On : 2 Mar 2017 18:38
Operator : SJ/MA
Sample : I2056-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4B-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

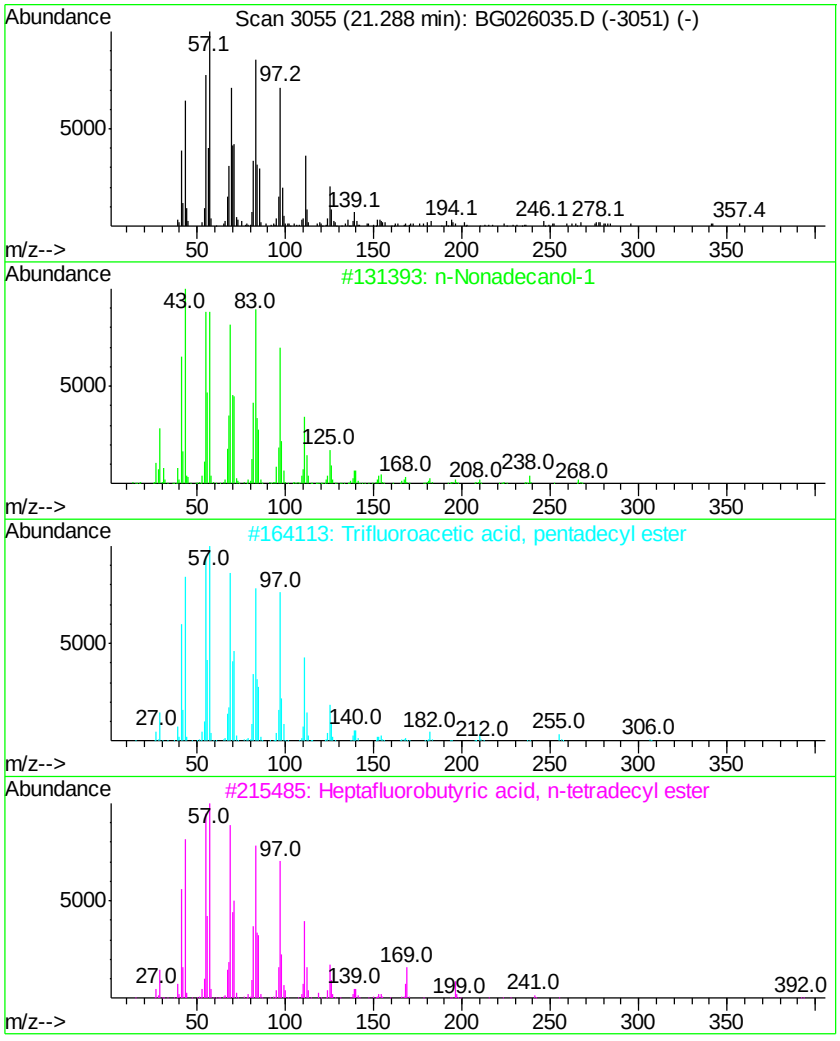
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

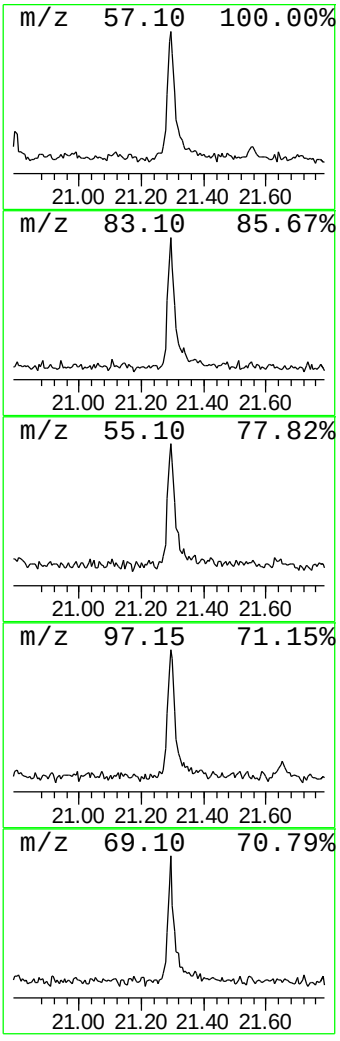
****

Peak Number 5 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	3.58 ng	269303	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG030217\
Data File : BG026035.D
Acq On : 2 Mar 2017 18:38
Operator : SJ/MA
Sample : I2056-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4B-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propylene Glycol	3.77	4.1	ng	134740	1	8.07	655107	20.0
2-Pentanone, 4-hy...	5.17	13.9	ng	456488	1	8.07	655107	20.0
unknown7.60	7.60	110.3	ng	3611240	1	8.07	655107	20.0
n-Nonadecanol-1	21.29	3.6	ng	269303	5	21.65	1506170	20.0