LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033511.D
Acq On : 3 Apr 2018 6:01
Operator : SJ/JU
Sample : J2114-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 032718-DBRI-F-U-S

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-BG031918.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	3.482	27	33	43	rBV	138985	266885	7.44%	1.909%
2	3.570	43	48	57	rVB	76582	122999	3.43%	0.880%
3	5.773	418	423	433	rVB2	25218	41213	1.15%	0.295%
4	6.290	505	511	525	rBV	131711	292476	8.15%	2.092%
5	7.982	791	799	821	rBV2	72005	226919	6.32%	1.623%
6	8.376	859	866	880	rBV	284759	622486	17.35%	4.453%
7	8.864	942	949	960	rBV2	80462	186354	5.19%	1.333%
8	9.193	996	1005	1025	rBV	454900	934944	26.05%	6.688%
9	10.062	1146	1153	1168	rBV	344005	790708	22.03%	5.657%
10	11.743	1432	1439	1452	rBV	130160	289997	8.08%	2.075%
11	14.105	1834	1841	1864	rBV	1306401	2214394	61.71%	15.841%
12	14.898	1970	1976	1986	rBV	37143	64432	1.80%	0.461%
13	15.479	2069	2075	2088	rVB2	297335	534892	14.91%	3.827%
14	16.948	2318	2325	2341	rBV	725519	1266668	35.30%	9.062%
15	17.095	2347	2350	2360	rVB3	23255	42099	1.17%	0.301%
16	18.206	2533	2539	2551	rBV2	420733	769727	21.45%	5.507%
17	20.726	2962	2968	2982	rBV	2602366	3588457	100.00%	25.671%
18	22.548	3270	3278	3290	rBV	427256	893253	24.89%	6.390%
19	26.308	3906	3918	3935	rBV3	234081	829555	23.12%	5.935%

Sum of corrected areas: 13978458

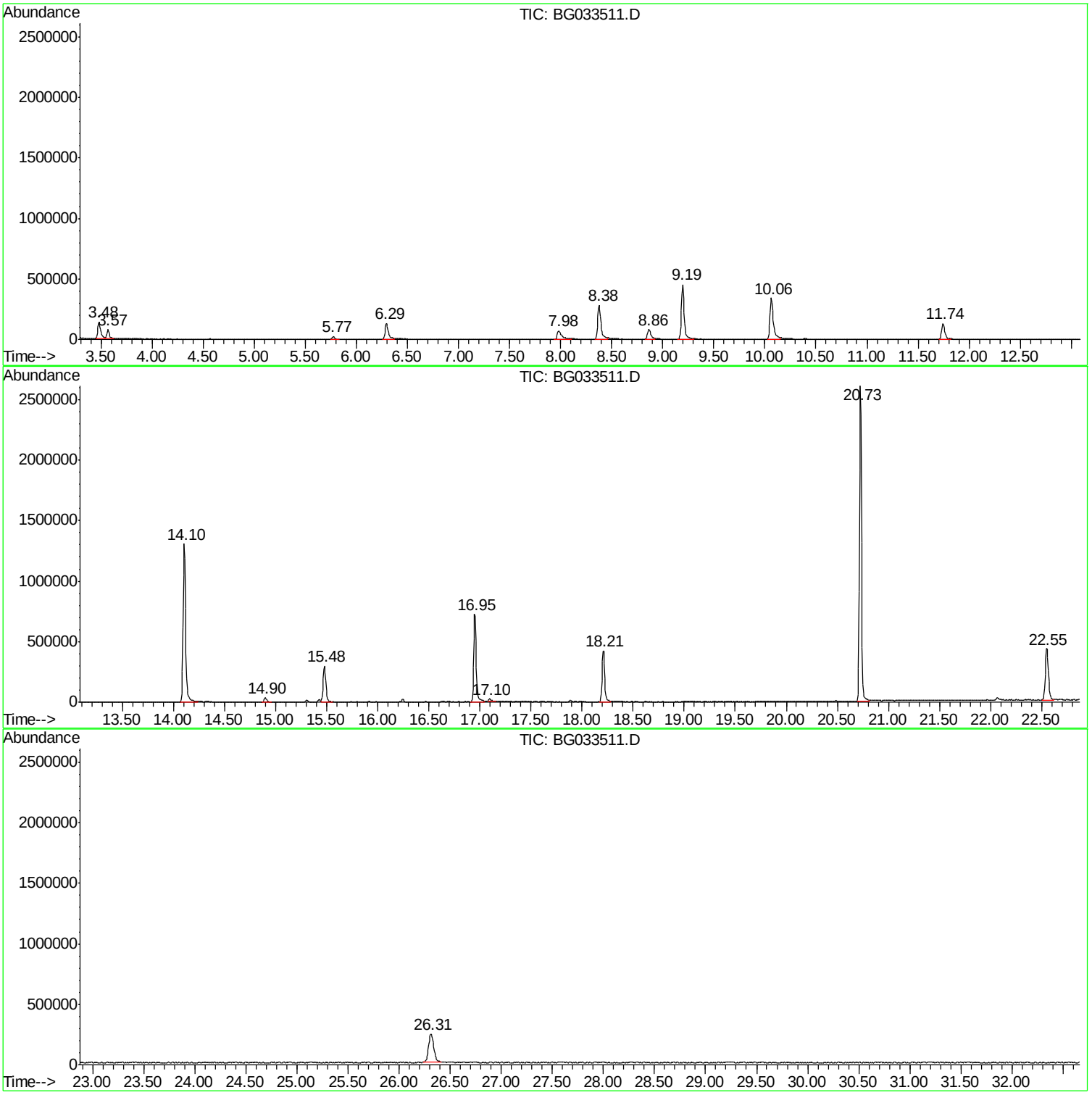
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033511.D
Acq On : 3 Apr 2018 6:01
Operator : SJ/JU
Sample : J2114-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 032718-DBRI-F-U-S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033511.D
Acq On : 3 Apr 2018 6:01
Operator : SJ/JU
Sample : J2114-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 032718-DBRI-F-U-S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

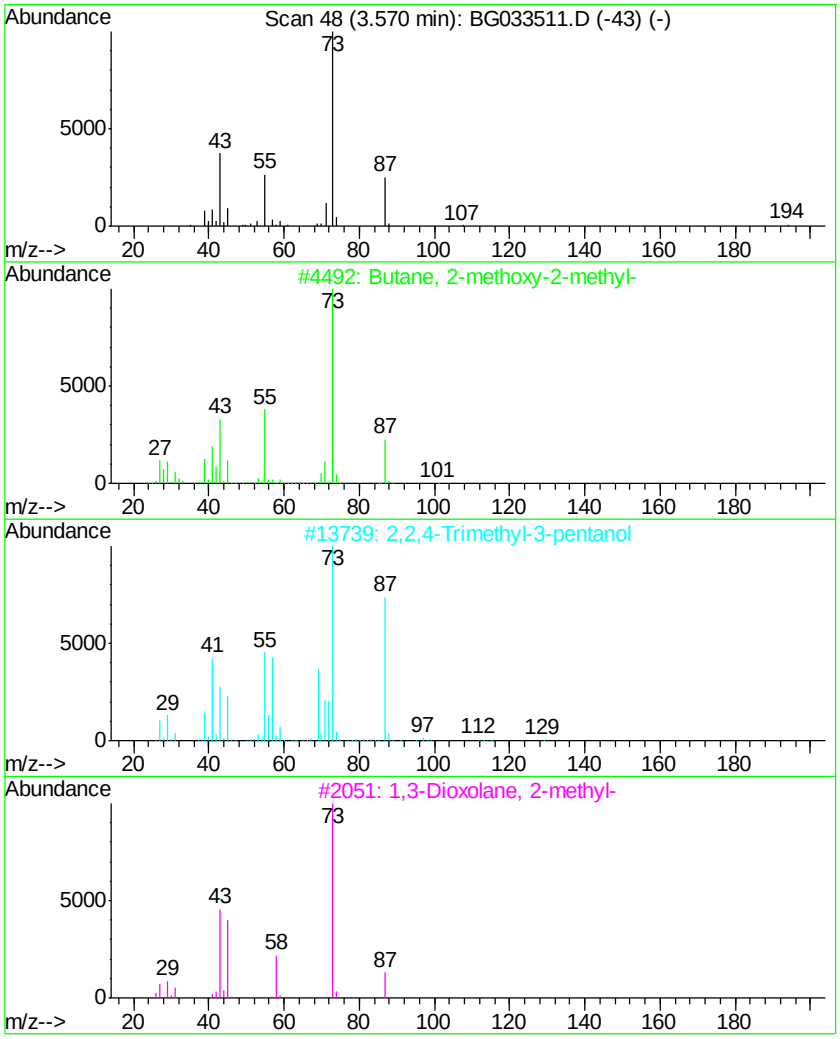
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

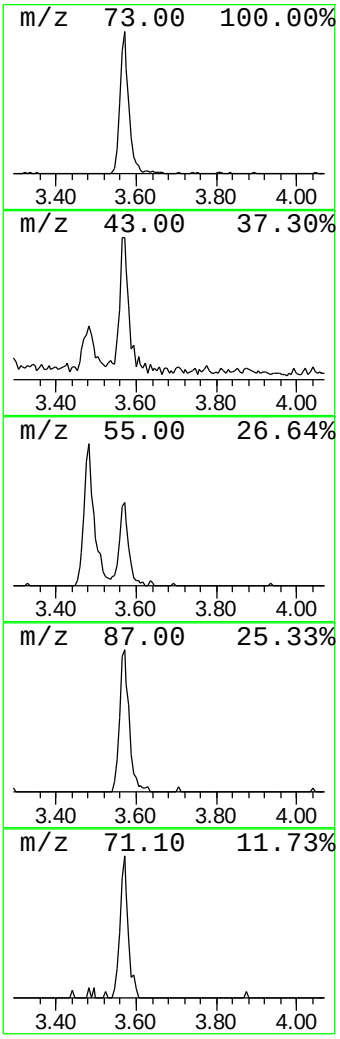
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	13.20 ng	122999	1,4-Dichlorobenzene-d4	8.86

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	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033511.D
Acq On : 3 Apr 2018 6:01
Operator : SJ/JU
Sample : J2114-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 032718-DBRI-F-U-S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

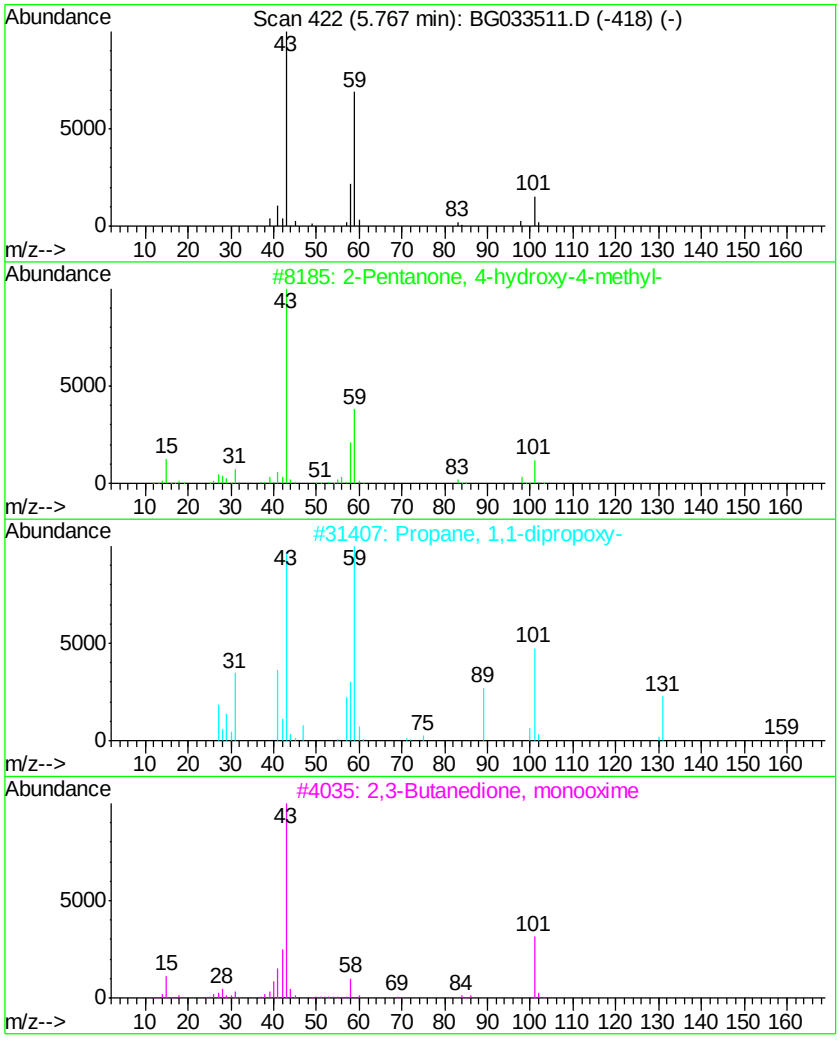
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

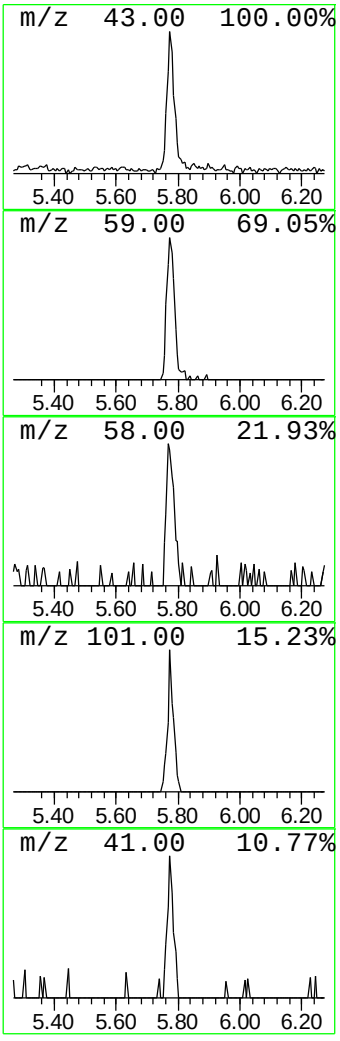
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	4.42 ng	41213	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
4	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	28
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033511.D
Acq On : 3 Apr 2018 6:01
Operator : SJ/JU
Sample : J2114-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 032718-DBRI-F-U-S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

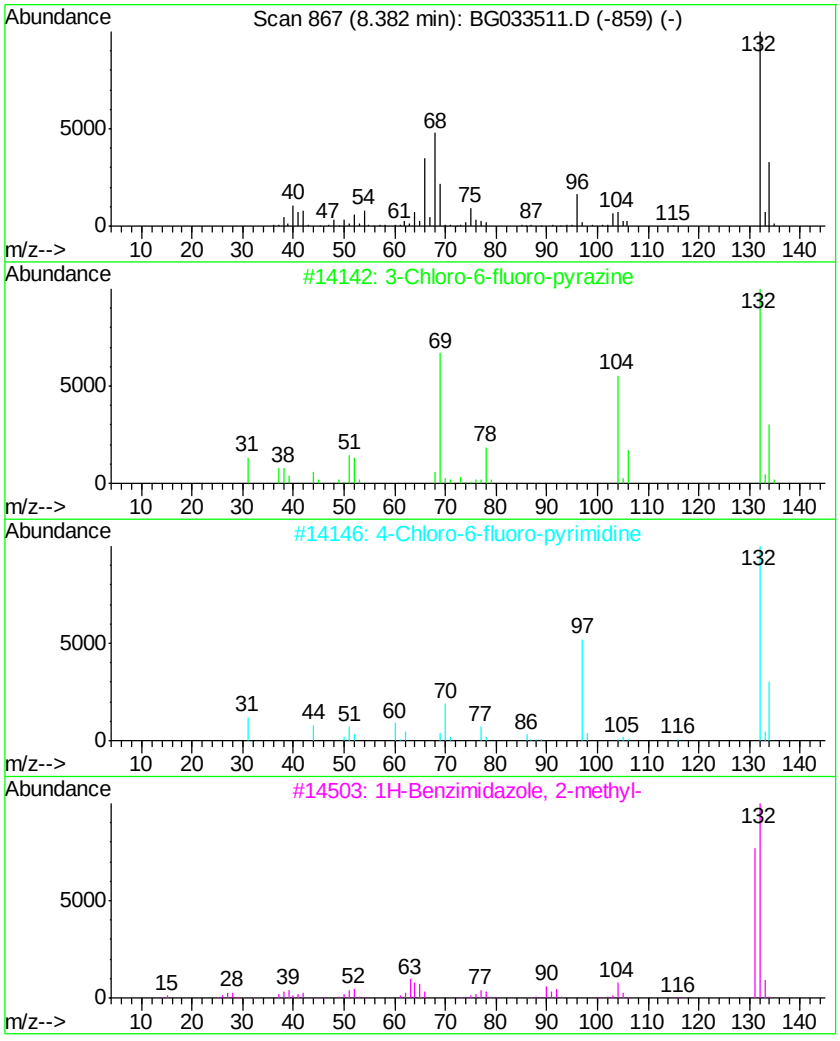
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

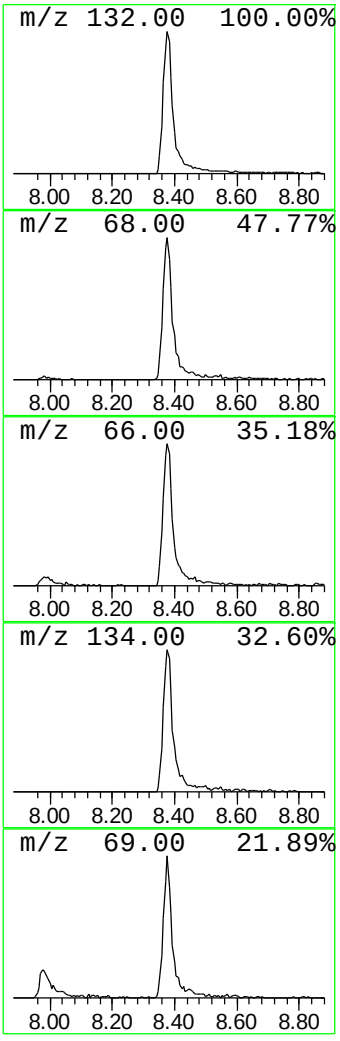
****

Peak Number 4 unknown8.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	66.81 ng	622486	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	30
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG040218\
Data File : BG033511.D
Acq On : 3 Apr 2018 6:01
Operator : SJ/JU
Sample : J2114-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 032718-DBRI-F-U-S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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
Butane, 2-methoxy...	3.57	13.2	ng	122999	1	8.86	186354	20.0
2-Pentanone, 4-hy...	5.77	4.4	ng	41213	1	8.86	186354	20.0
unknown8.38	8.38	66.8	ng	622486	1	8.86	186354	20.0