LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043683.D
Acq On : 18 Nov 2019 21:32
Operator : JU
Sample : K5904-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 11-(4-7)

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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	3.156	6	11	21	rVB	76151	130760	5.21%	1.085%
2	5.095	336	341	351	rBV	107995	166810	6.64%	1.385%
3	5.588	418	425	437	rBV	468102	799729	31.85%	6.639%
4	7.192	690	698	712	rBV	503980	966081	38.47%	8.020%
5	7.539	749	757	767	rBV	539480	934341	37.21%	7.756%
6	7.991	827	834	842	rBV	96618	167534	6.67%	1.391%
7	8.314	882	889	901	rBV	370411	661699	26.35%	5.493%
8	9.154	1022	1032	1046	rBV	261895	548928	21.86%	4.557%
9	10.800	1304	1312	1331	rBV	92167	213351	8.50%	1.771%
10	13.244	1721	1728	1740	rBV	756624	1311404	52.23%	10.886%
11	14.078	1864	1870	1881	rBV	60202	122117	4.86%	1.014%
12	14.625	1957	1963	1977	rBV	202981	338382	13.48%	2.809%
13	16.117	2210	2217	2244	rBV	713025	1276860	50.85%	10.600%
14	17.368	2423	2430	2447	rBV	237780	444448	17.70%	3.690%
15	18.261	2577	2582	2588	rBV3	21804	33085	1.32%	0.275%
16	19.977	2868	2874	2888	rBV	1736155	2510951	100.00%	20.844%
17	21.276	3091	3095	3096	rBV2	47066	48938	1.95%	0.406%
18	21.634	3150	3156	3168	rBV	312469	573843	22.85%	4.764%
19	22.410	3282	3288	3293	rBV4	21620	32310	1.29%	0.268%
20	23.091	3399	3404	3412	rVB2	27385	51525	2.05%	0.428%
21	23.878	3532	3538	3545	rBV3	26483	55608	2.21%	0.462%
22	24.813	3687	3697	3712	rBV	217785	657570	26.19%	5.459%

Sum of corrected areas: 12046274

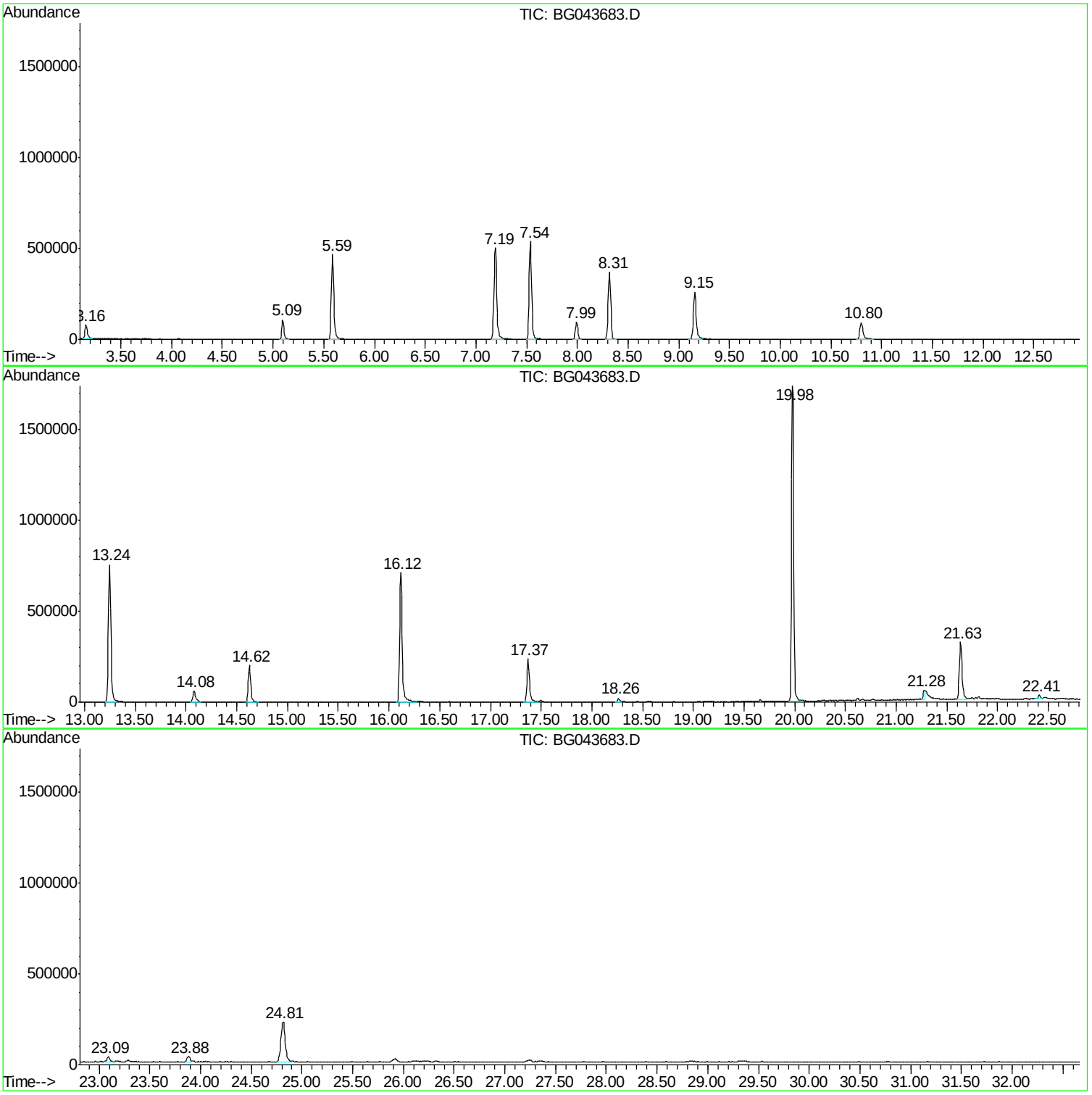
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043683.D
Acq On : 18 Nov 2019 21:32
Operator : JU
Sample : K5904-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
11-(4-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043683.D
Acq On : 18 Nov 2019 21:32
Operator : JU
Sample : K5904-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 11-(4-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

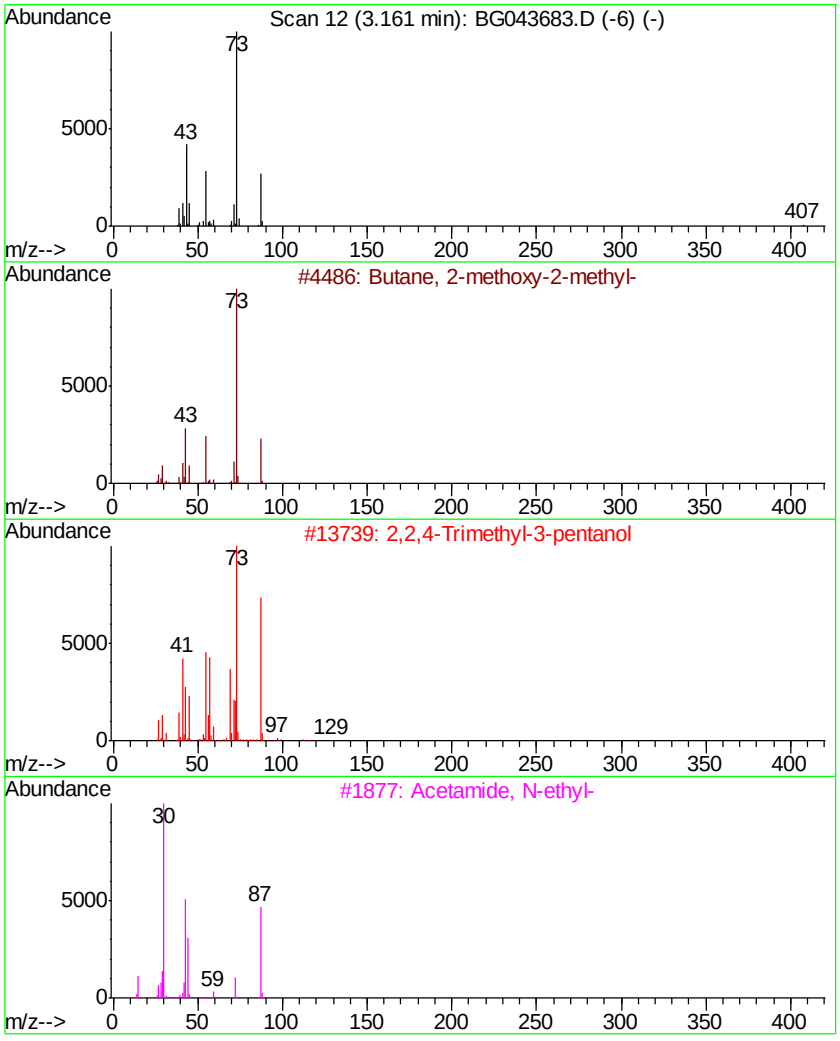
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

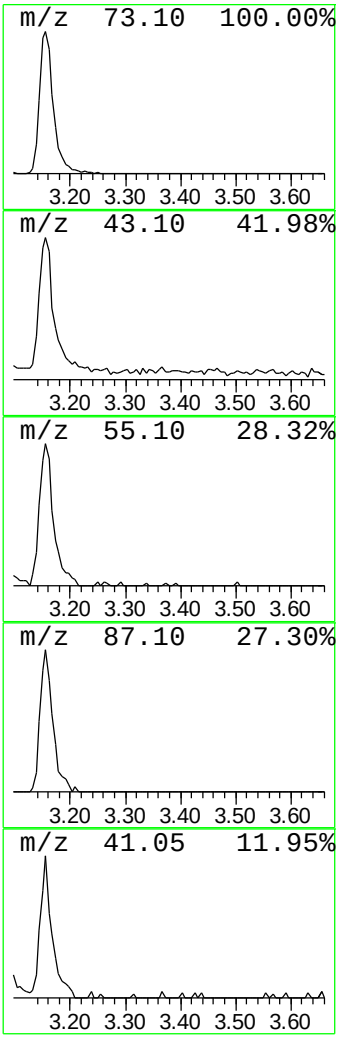
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	15.61 ng	130760	1,4-Dichlorobenzene-d4	7.99

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	42
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	32
4	1,4-Butanediamine	88	C4H12N2	000110-60-1	10
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043683.D
Acq On : 18 Nov 2019 21:32
Operator : JU
Sample : K5904-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 11-(4-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

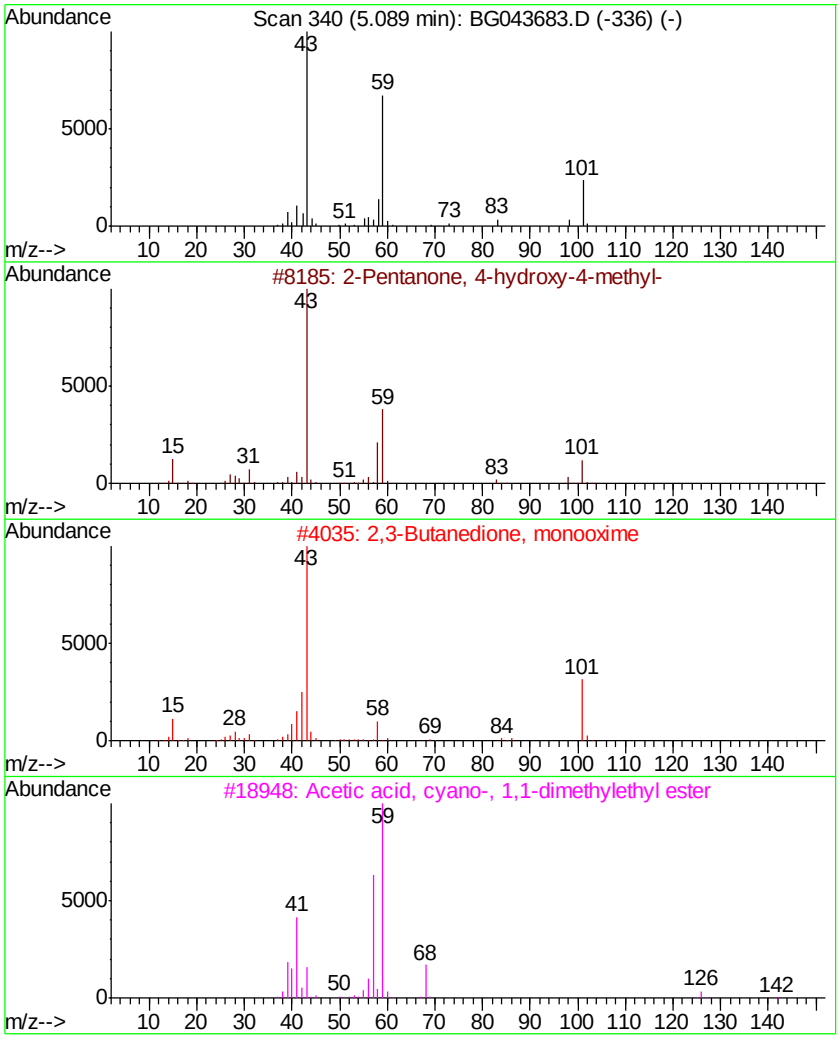
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

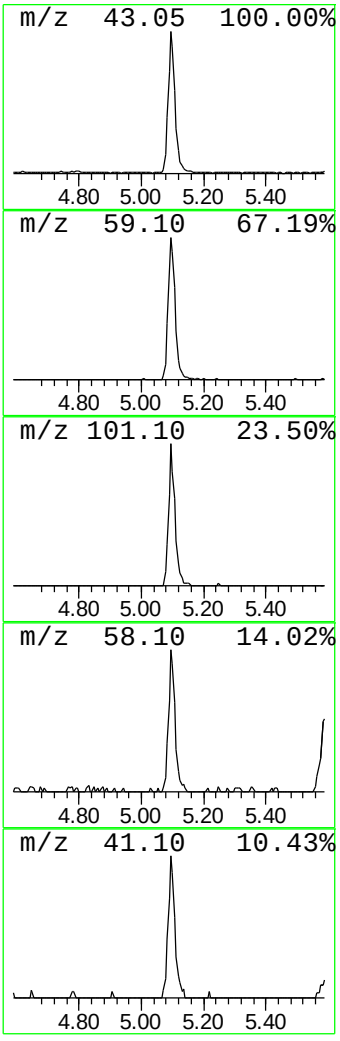
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	19.91 ng	166810	1,4-Dichlorobenzene-d4	7.99

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	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043683.D
Acq On : 18 Nov 2019 21:32
Operator : JU
Sample : K5904-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 11-(4-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

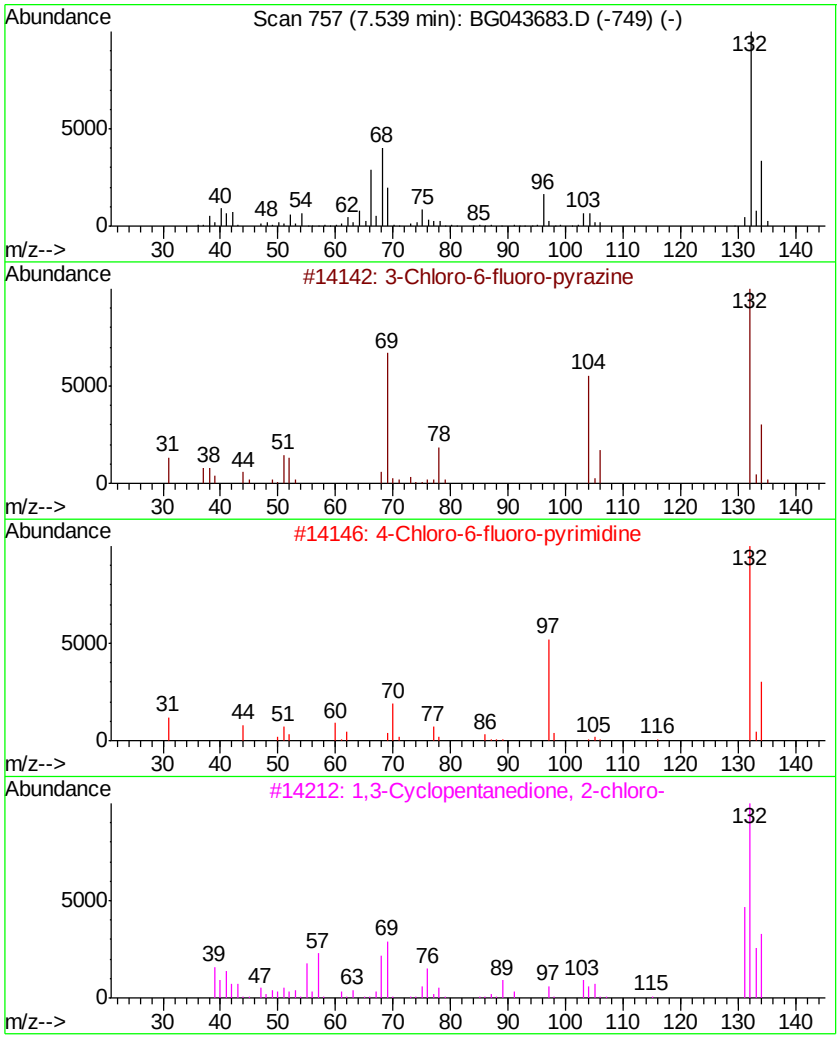
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

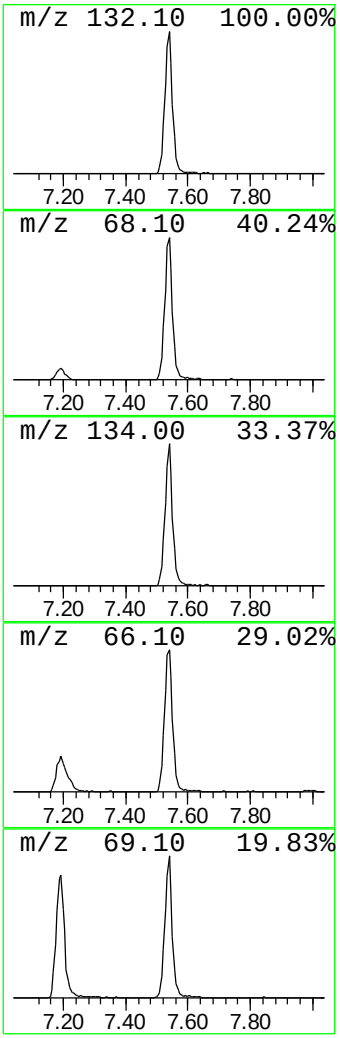
****

Peak Number 3 unknown7.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	111.54 ng	934341	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111819\
Data File : BG043683.D
Acq On : 18 Nov 2019 21:32
Operator : JU
Sample : K5904-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
11-(4-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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...	3.16	15.6	ng	130760	1	7.99	167534	20.0
2-Pentanone, 4-hy...	5.09	19.9	ng	166810	1	7.99	167534	20.0
unknown7.54	7.54	111.5	ng	934341	1	7.99	167534	20.0