LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043730.D
Acq On : 20 Nov 2019 16:33
Operator : JU
Sample : K5904-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1-(18-20)

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:\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	3.147	5	10	21	rVB	83129	120323	4.14%	0.949%
2	5.092	334	341	350	rBV	102078	167698	5.78%	1.323%
3	5.580	415	424	437	rBV	508678	880487	30.33%	6.946%
4	7.184	686	697	711	rBV	535033	1032584	35.57%	8.145%
5	7.530	749	756	766	rBV	553398	984883	33.93%	7.769%
6	7.989	827	834	843	rBV	94180	162503	5.60%	1.282%
7	8.312	881	889	899	rBV	429361	743280	25.60%	5.863%
8	9.152	1023	1032	1058	rBV	278562	588006	20.25%	4.638%
9	10.797	1303	1312	1322	rBV	91868	196425	6.77%	1.549%
10	13.241	1720	1728	1744	rBV	891725	1496889	51.56%	11.808%
11	14.076	1864	1870	1885	rBV	60661	127797	4.40%	1.008%
12	14.622	1956	1963	1977	rBV2	180611	319387	11.00%	2.519%
13	16.114	2210	2217	2239	rBV	725062	1350766	46.53%	10.655%
14	17.366	2423	2430	2446	rBV	223969	426485	14.69%	3.364%
15	18.265	2578	2583	2592	rBV4	13454	32311	1.11%	0.255%
16	19.975	2868	2874	2891	rBV	1996114	2903118	100.00%	22.901%
17	21.631	3148	3156	3167	rBV2	274144	535039	18.43%	4.221%
18	23.870	3530	3537	3543	rVB7	14373	30532	1.05%	0.241%
19	24.804	3685	3696	3711	rBV2	179802	578305	19.92%	4.562%

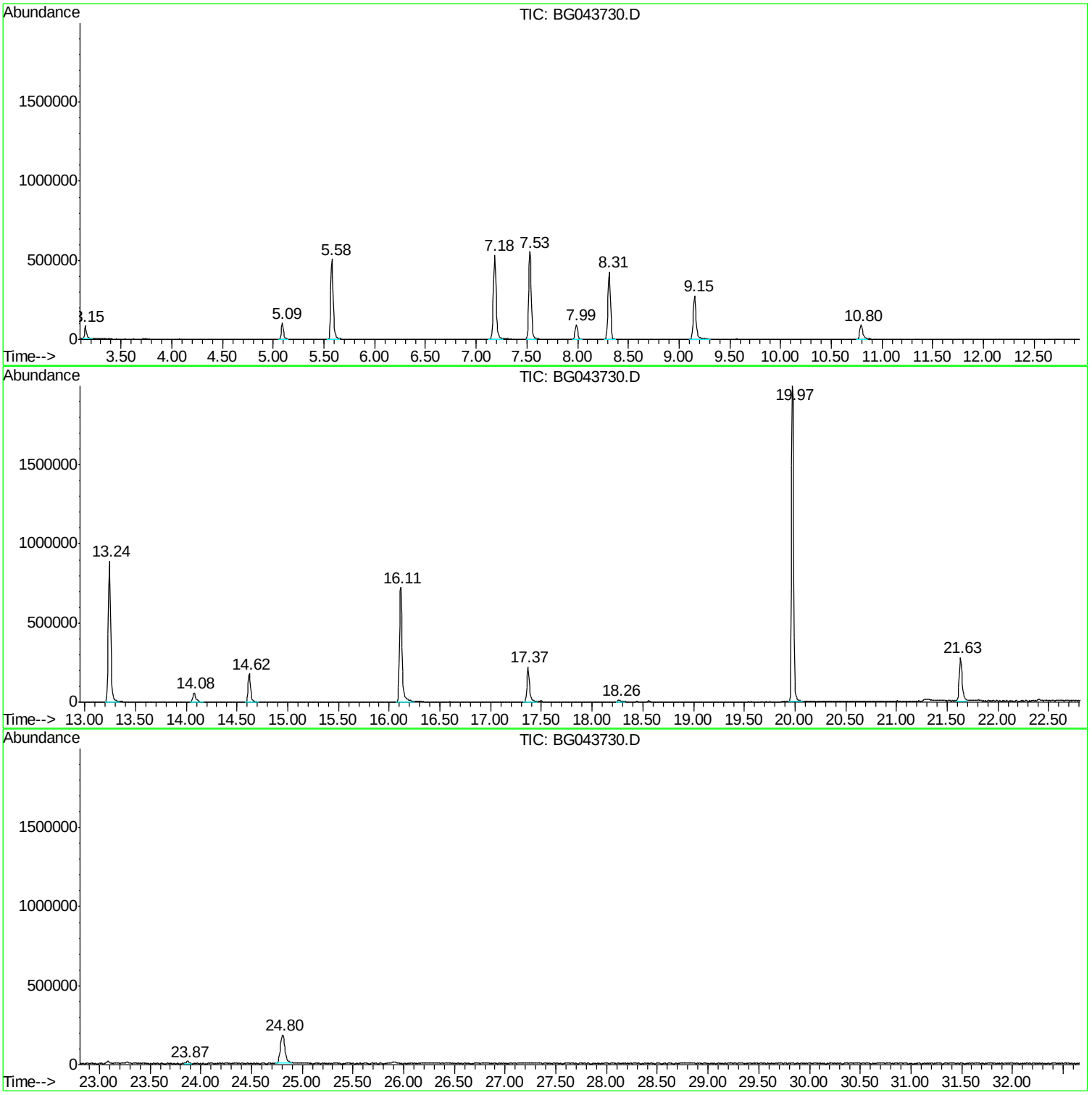
Sum of corrected areas: 12676818

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043730.D
Acq On : 20 Nov 2019 16:33
Operator : JU
Sample : K5904-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1-(18-20)

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\BG112019\
Data File : BG043730.D
Acq On : 20 Nov 2019 16:33
Operator : JU
Sample : K5904-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1-(18-20)

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

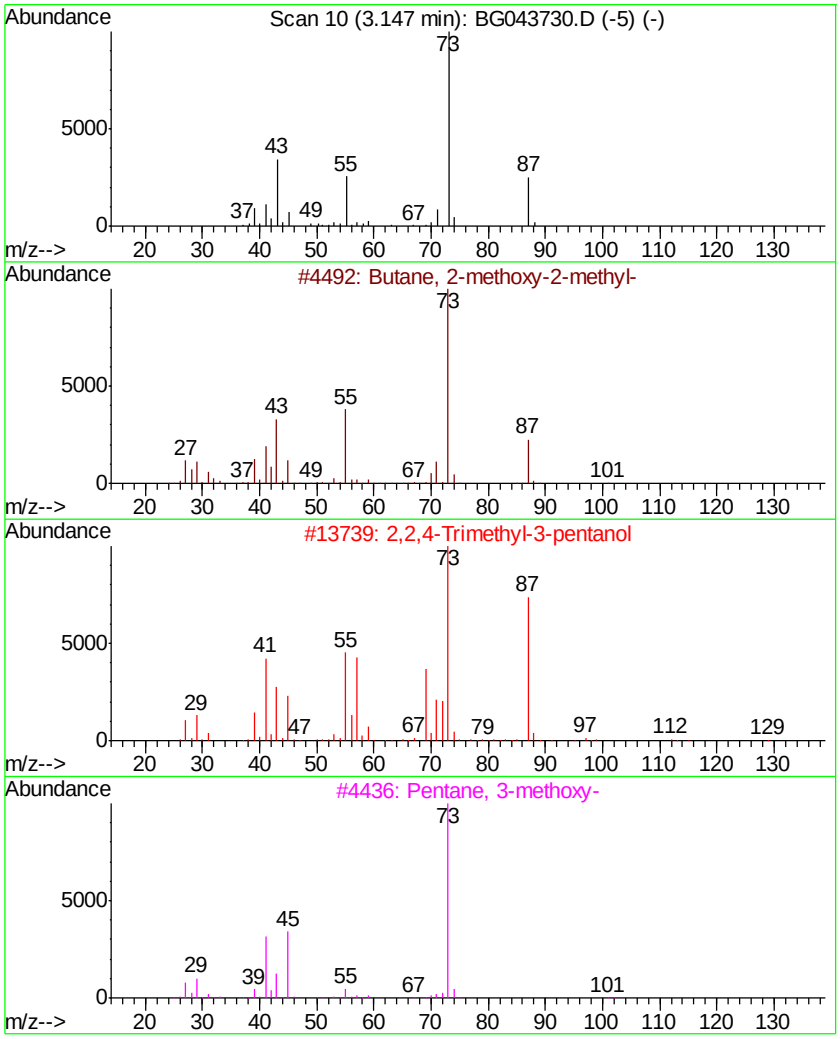
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

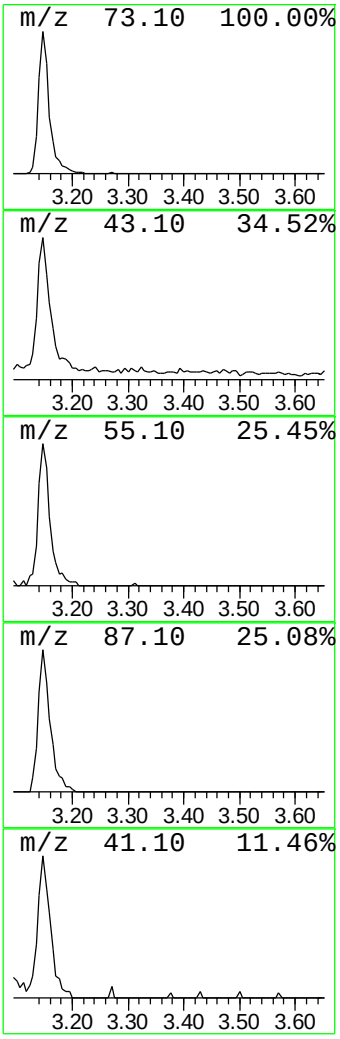
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	14.81 ng	120323	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	74
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043730.D
Acq On : 20 Nov 2019 16:33
Operator : JU
Sample : K5904-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1-(18-20)

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

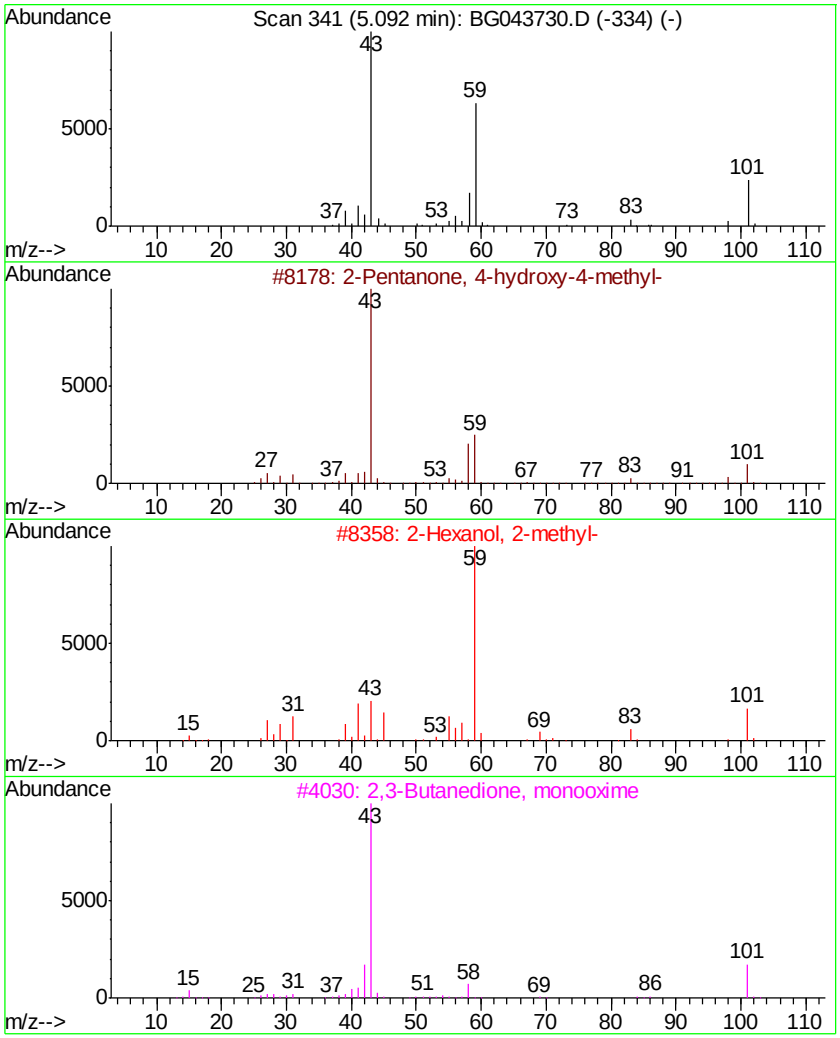
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

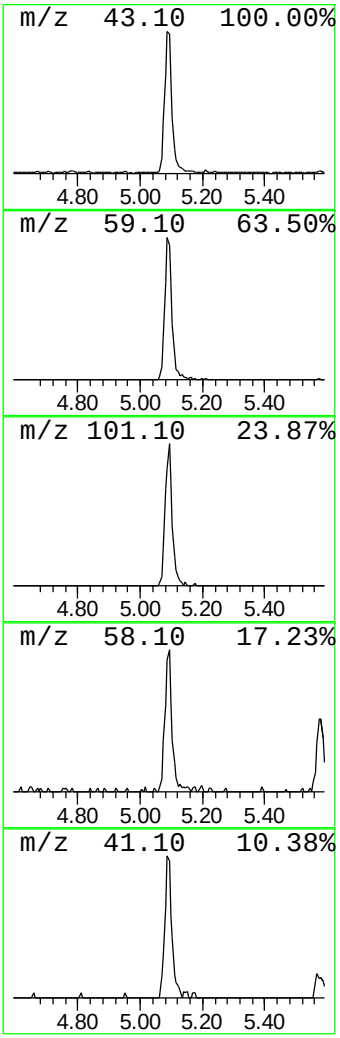
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	20.64 ng	167698	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	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	23
5	3-Heptanol	116	C7H16O	000589-82-2	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043730.D
Acq On : 20 Nov 2019 16:33
Operator : JU
Sample : K5904-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1-(18-20)

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

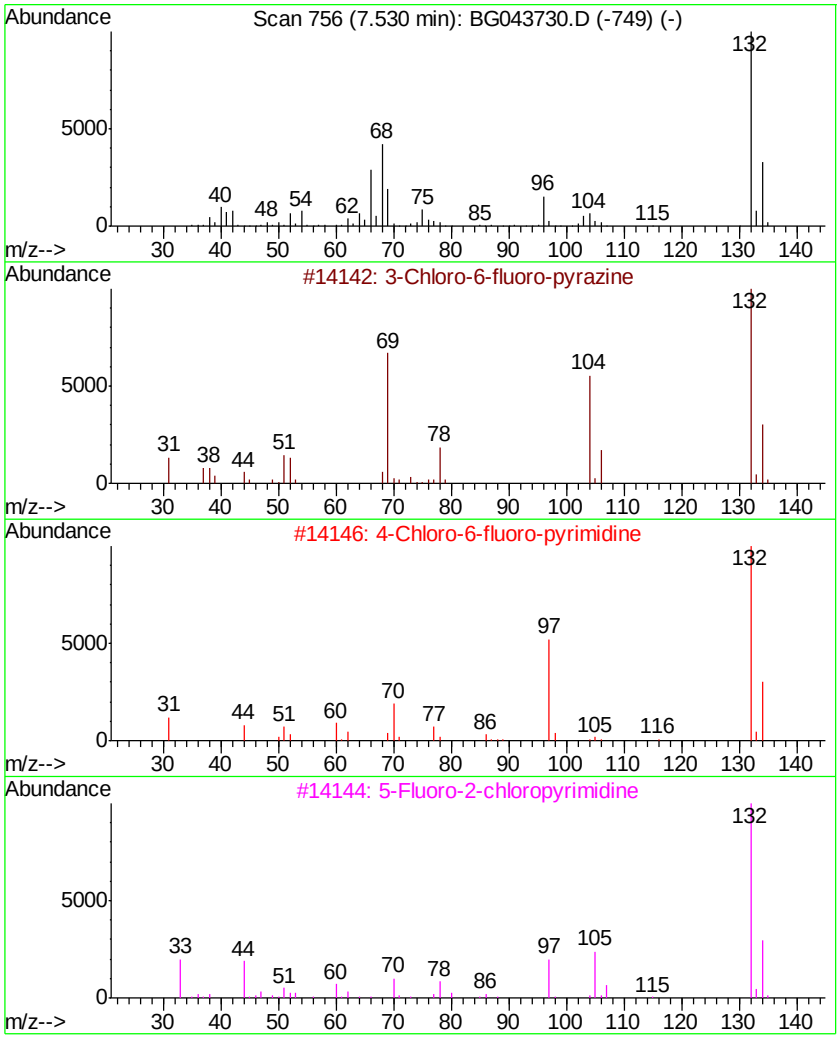
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

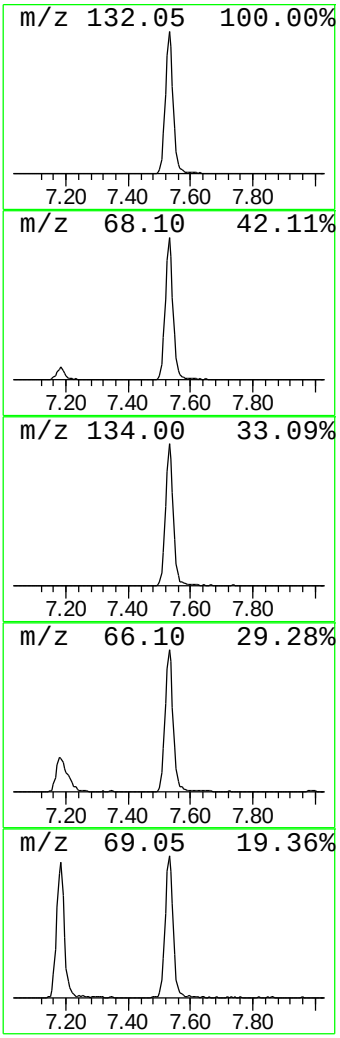
****

Peak Number 3 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	121.21 ng	984883	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112019\
Data File : BG043730.D
Acq On : 20 Nov 2019 16:33
Operator : JU
Sample : K5904-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1-(18-20)

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...	3.15	14.8	ng	120323	1	7.99	162503	20.0
2-Pentanone, 4-hy...	5.09	20.6	ng	167698	1	7.99	162503	20.0
unknown7.53	7.53	121.2	ng	984883	1	7.99	162503	20.0