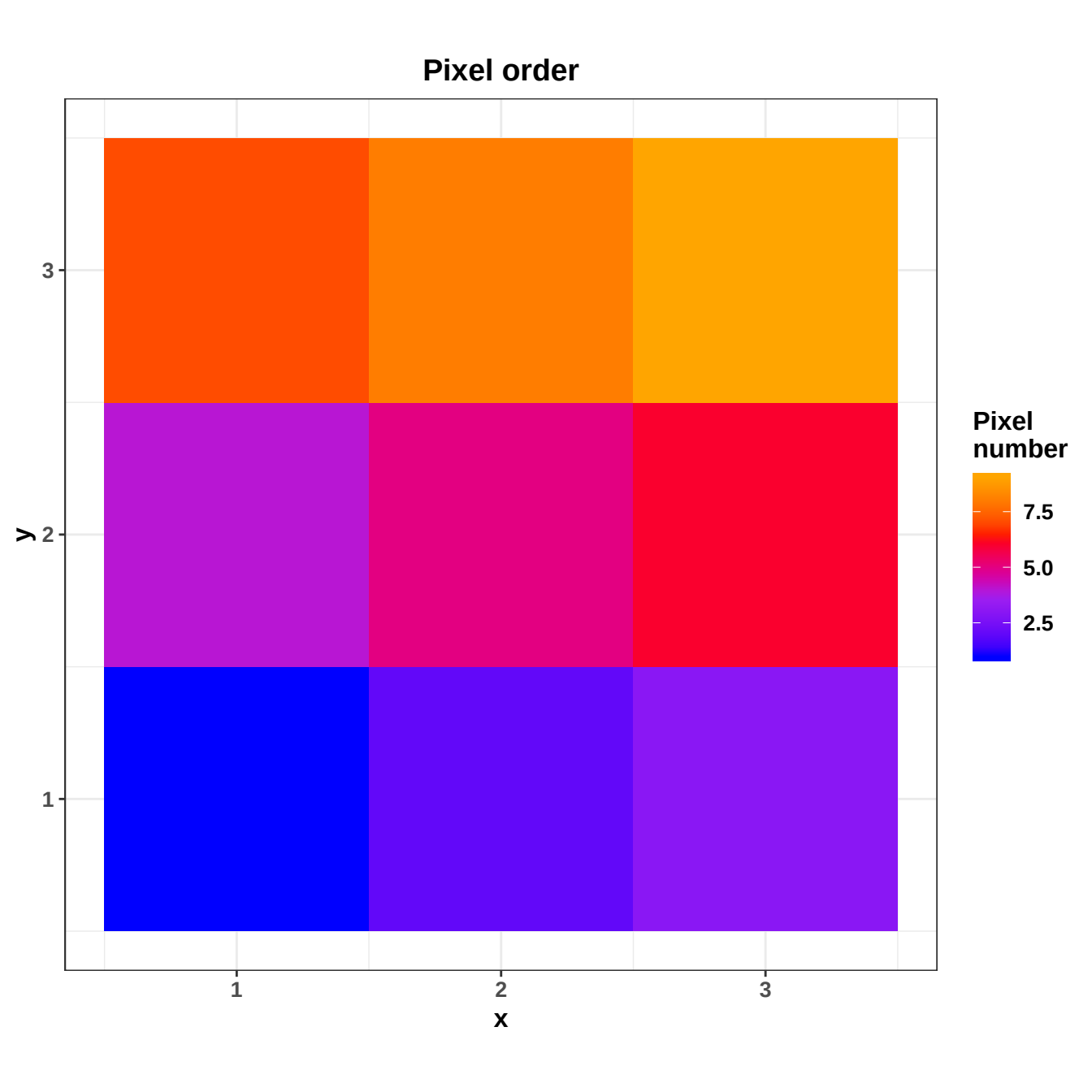
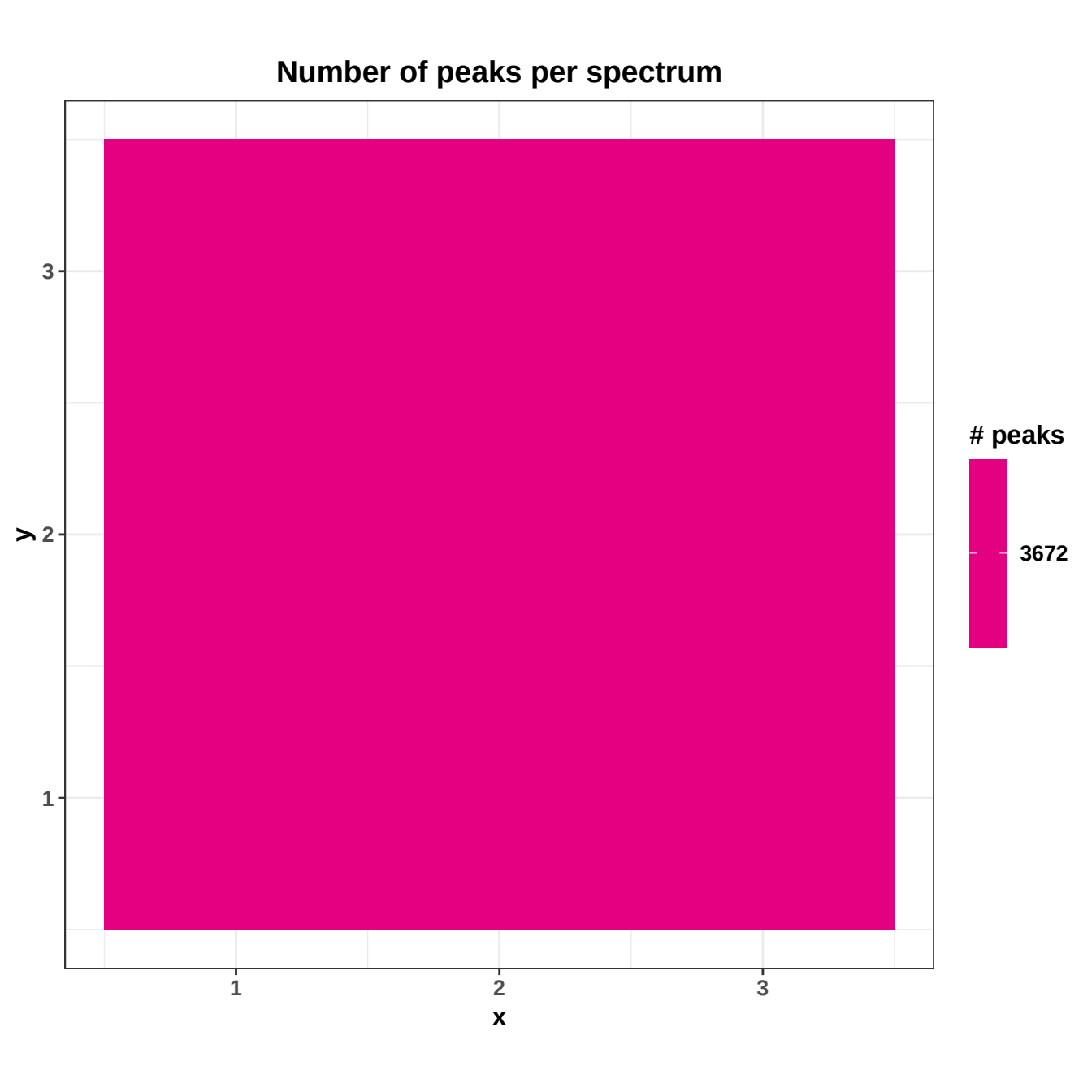
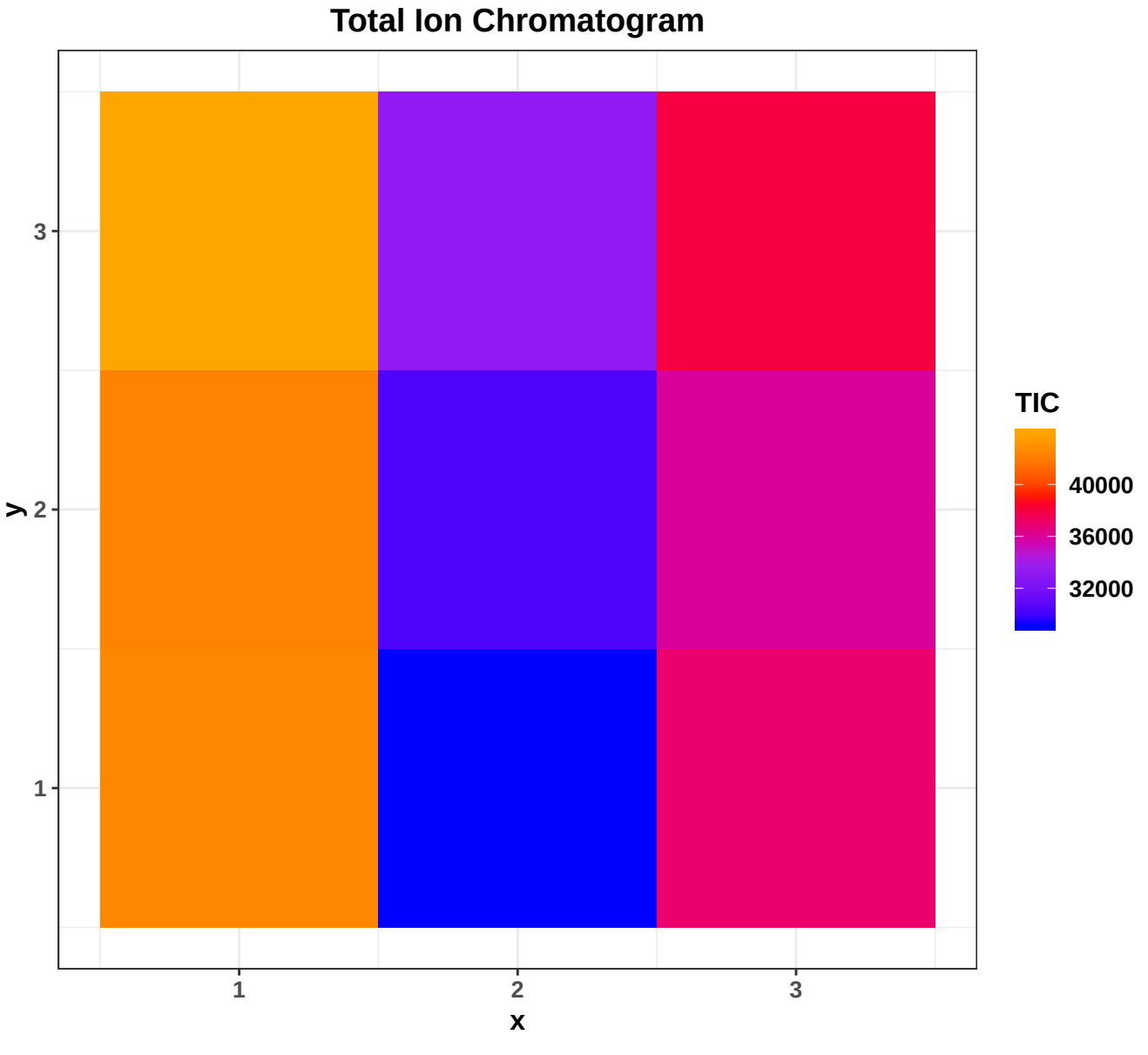
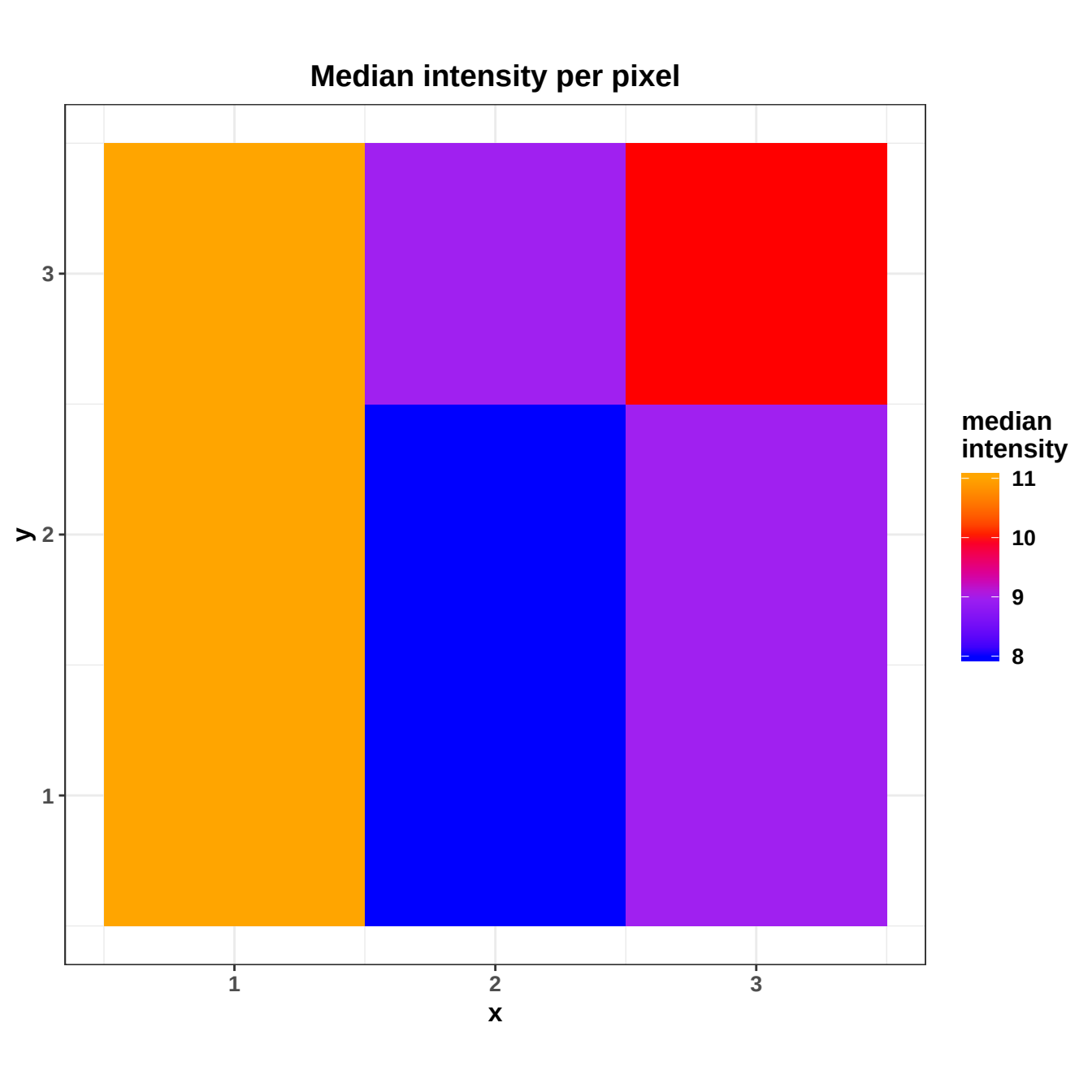
Testfile_analyze75

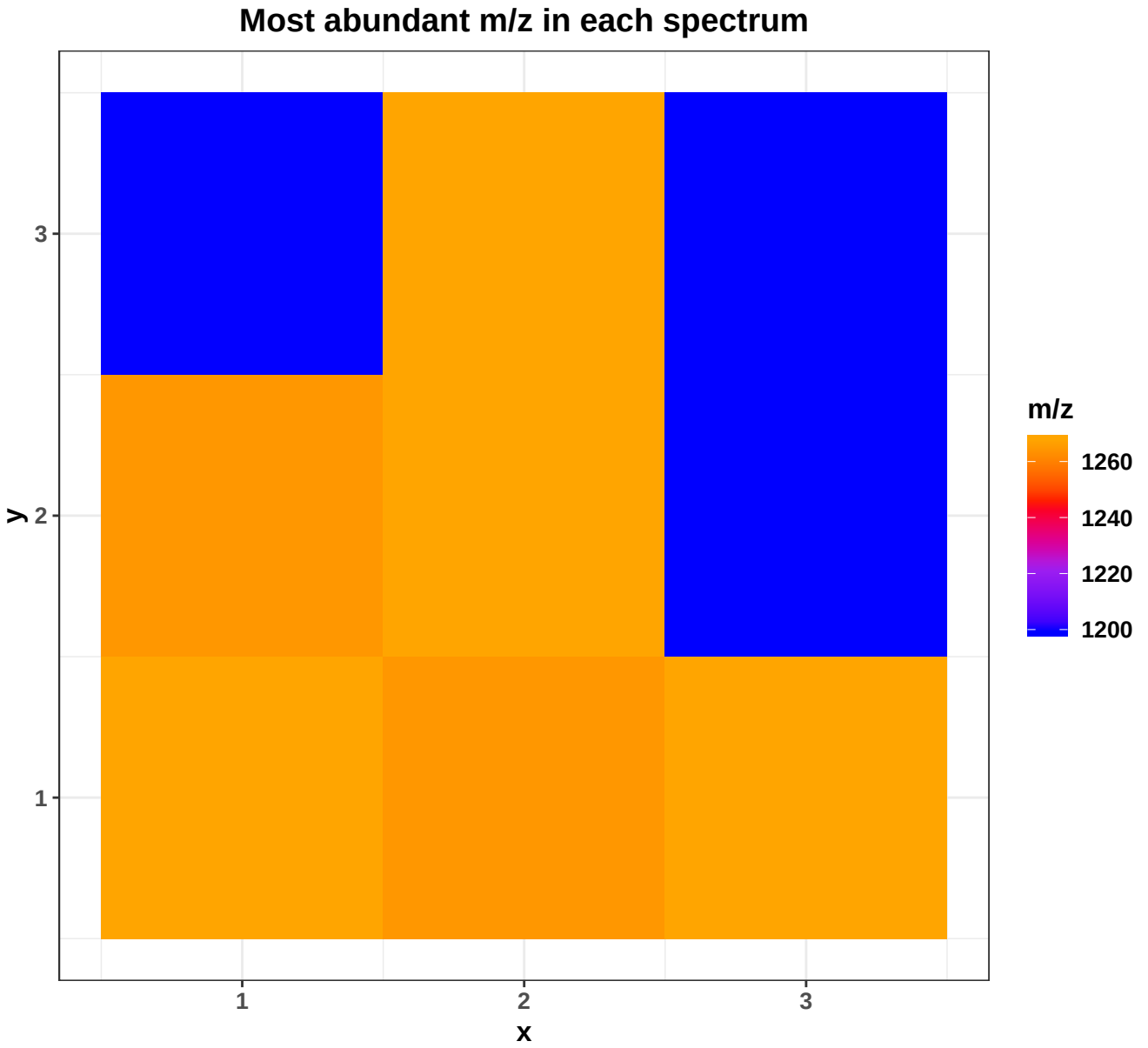
properties	values
Number of m/z features	3672
Range of m/z values	1199.47 − 1356.08
Number of pixels	9
Range of x coordinates	1 − 3
Range of y coordinates	1 − 3
Range of intensities	3 − 84
Median of intensities	9
Intensities > 0	100 %
Number of empty spectra	0
Median TIC ± sd	37005 ± 5329
Median # peaks per spectrum ± sd	3672 ± 0
Centroided	FALSE
calibrants (#valid/#input) in None	0 / 0

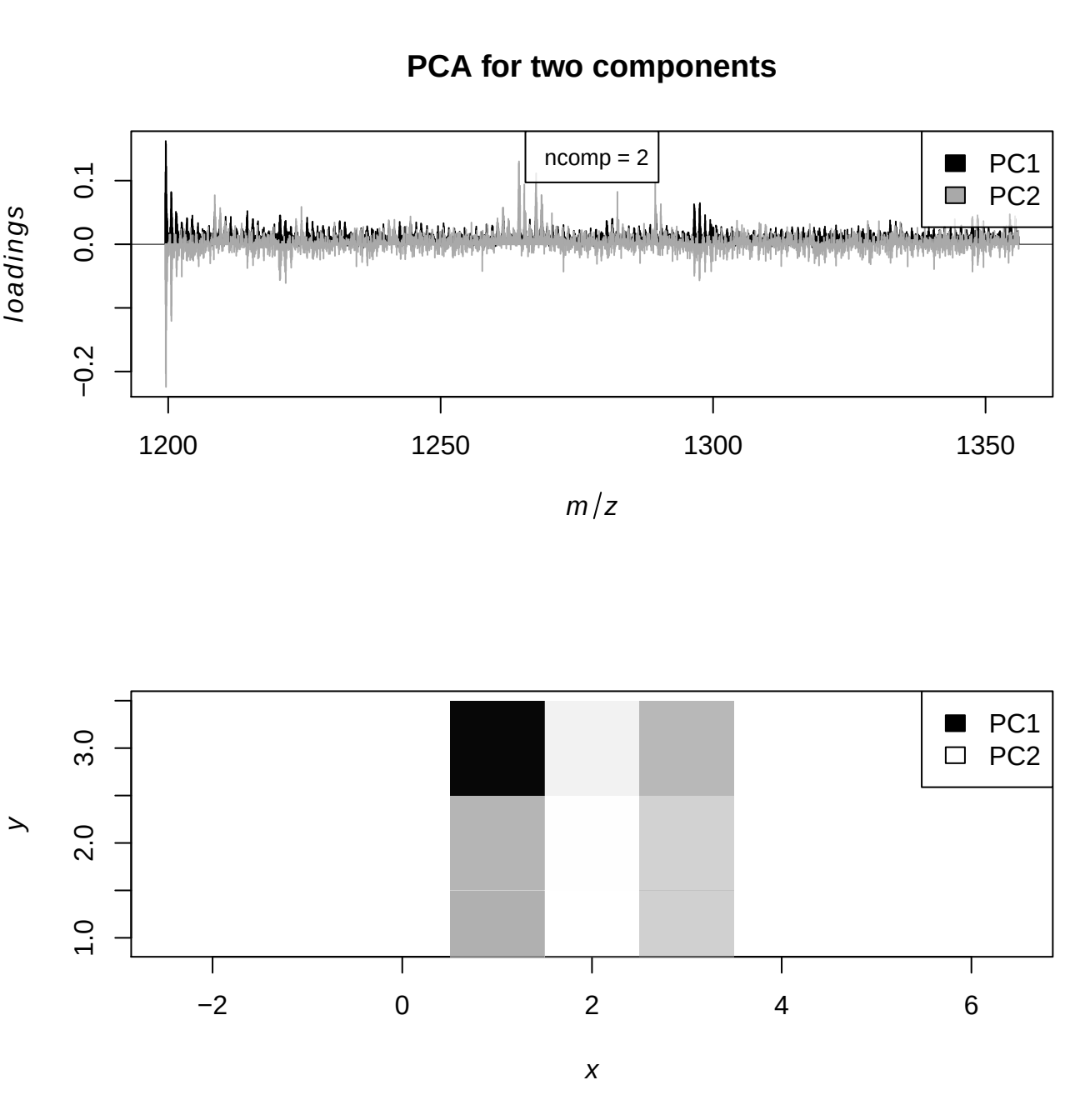

Pixel order
3
2
1
y
1
2
3
x
Pixel number
7.5
5.0
2.5

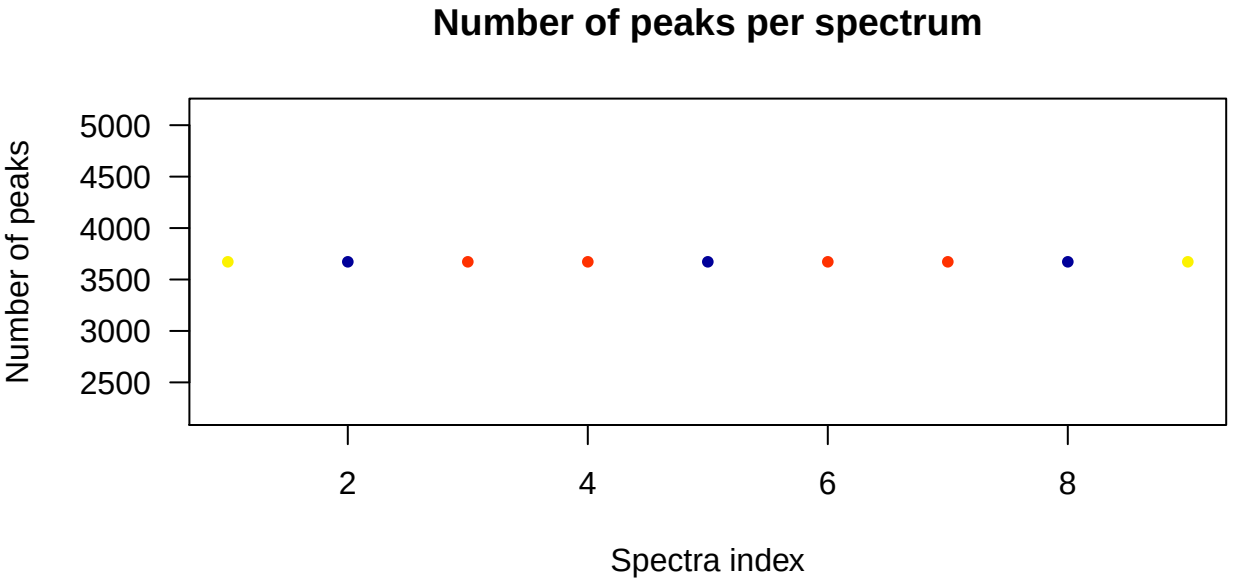

Number of peaks per spectrum
3
2
1
y
1
2
3
x
peaks
3672

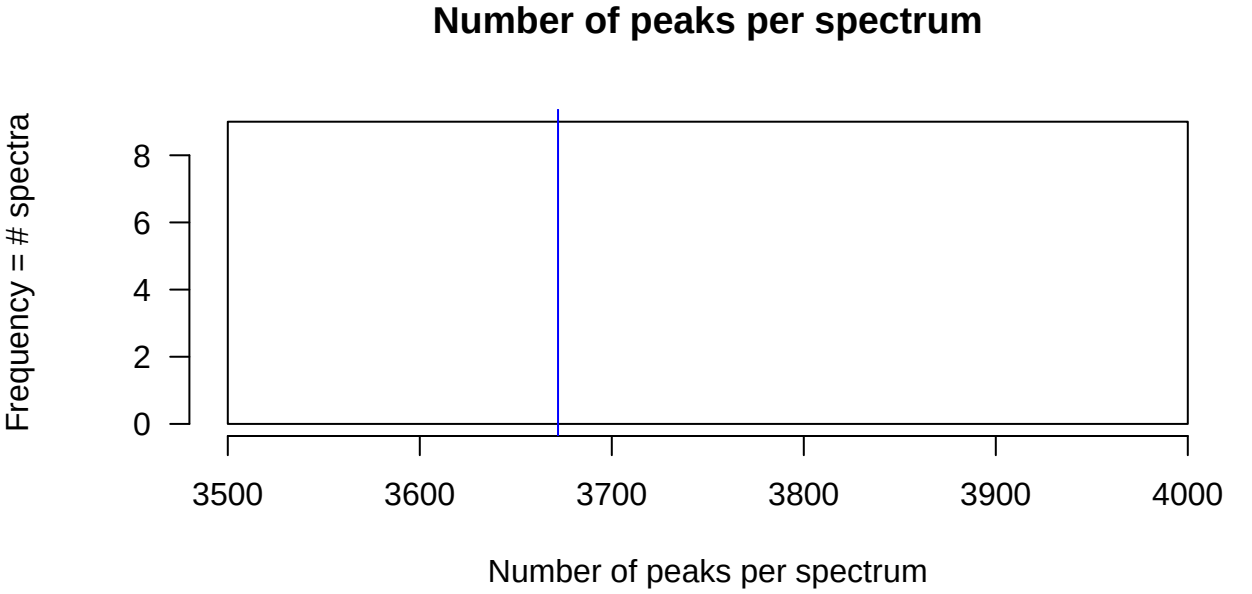

Total Ion Chromatogram
y
3
2
1
x
1
2
3
TIC
40000
36000
32000

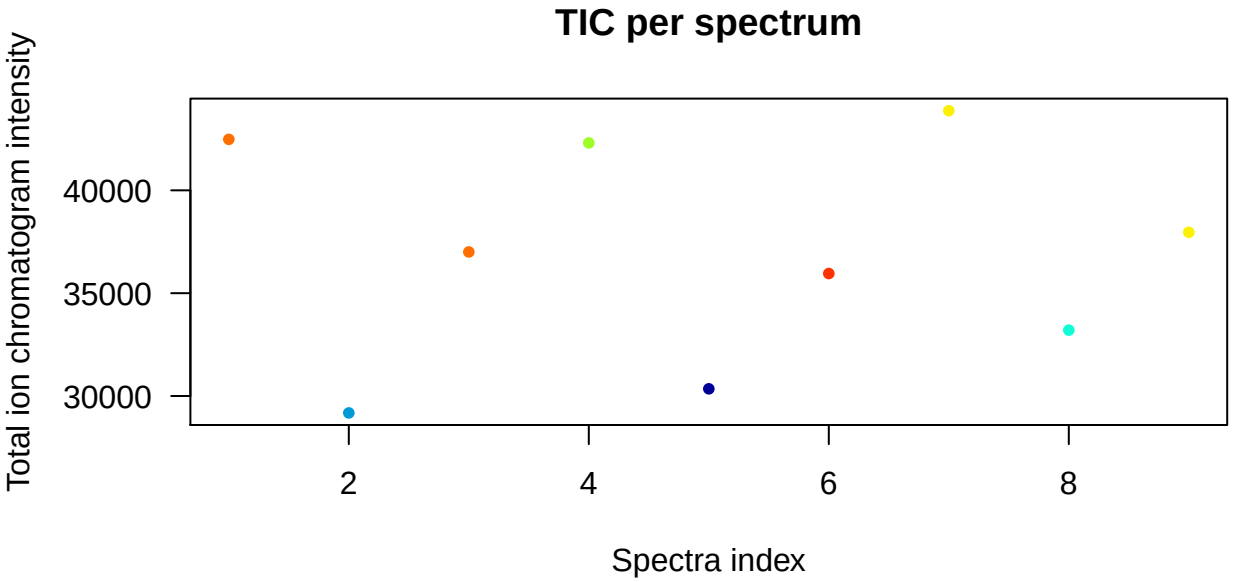

Median intensity per pixel
3
2
1
y
1
2
3
x
median intensity
11
10
9
8

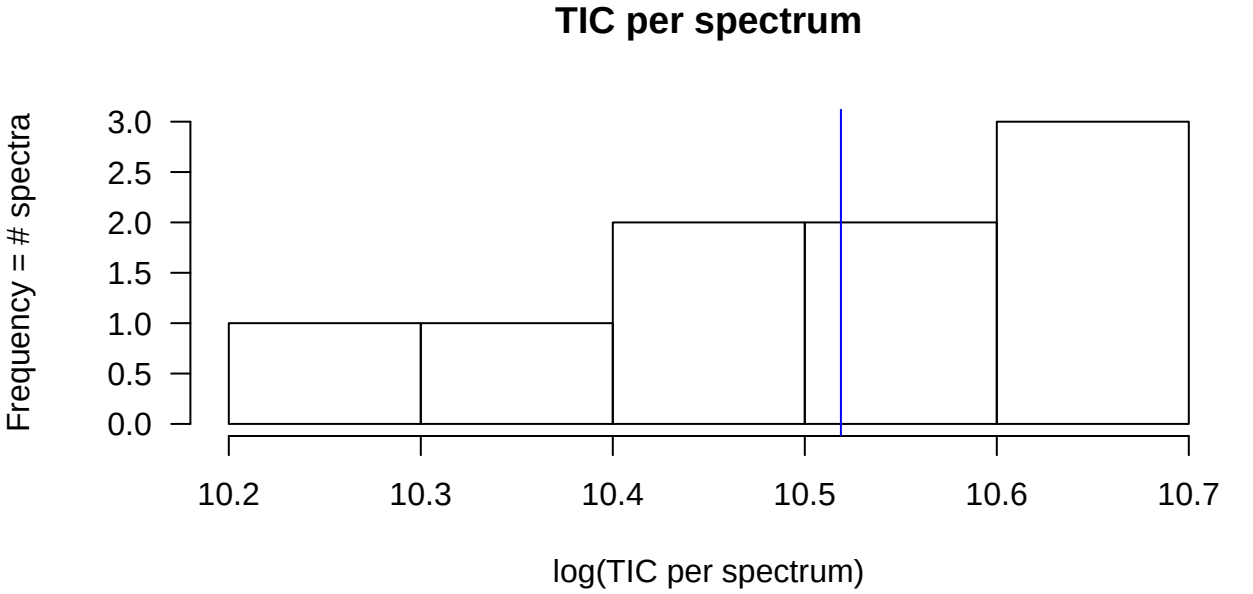

Most abundant m/z in each spectrum
3
2
1
y
1
2
3
x
m/z
1260
1240
1220
1200

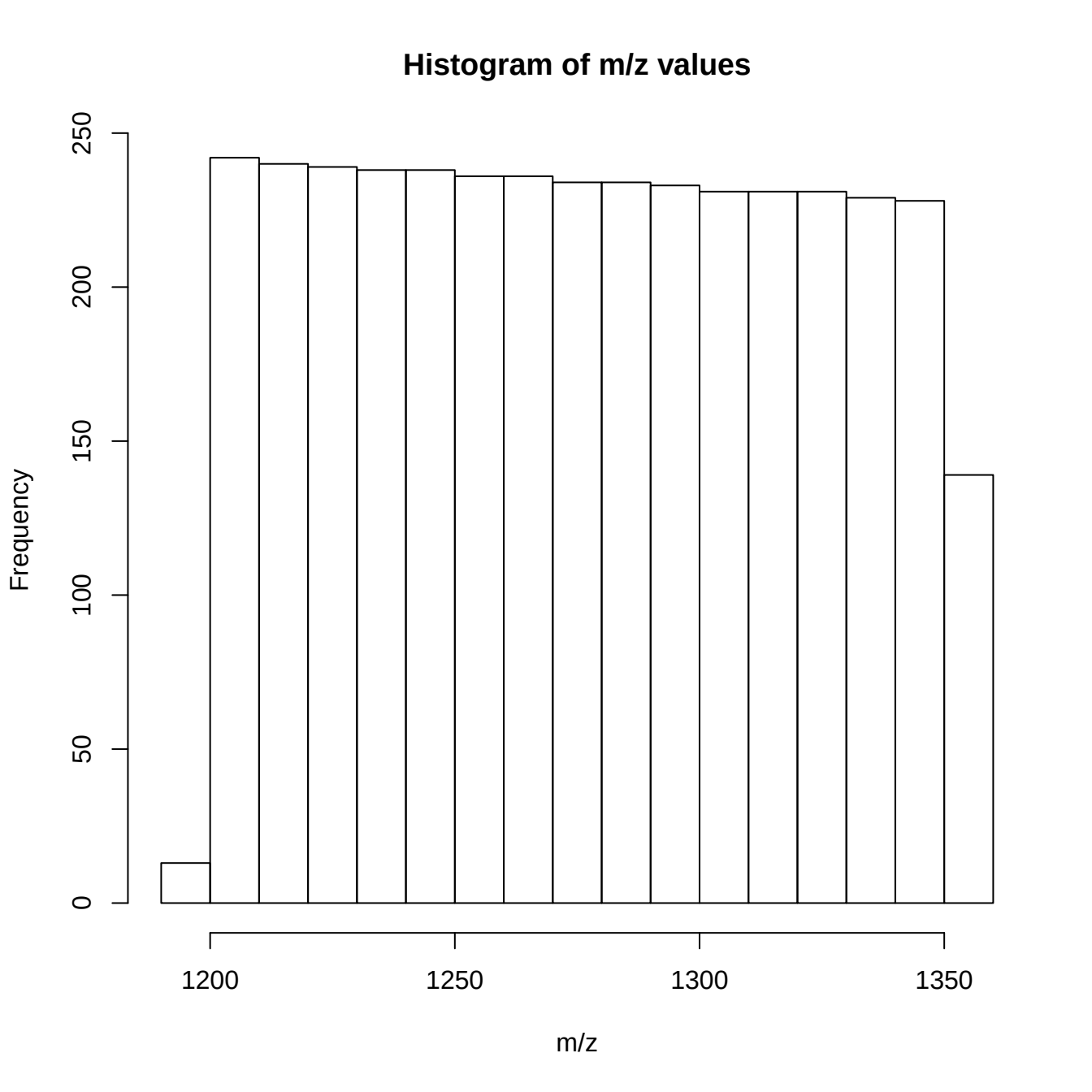

PCA for two components
ncomp = 2
PC1
PC2
loadings
0.1
0.0
−0.2
1200
1250
1300
1350
m/z
PC1
PC2
y
3.0
2.0
1.0
−2
0
2
4
6
x

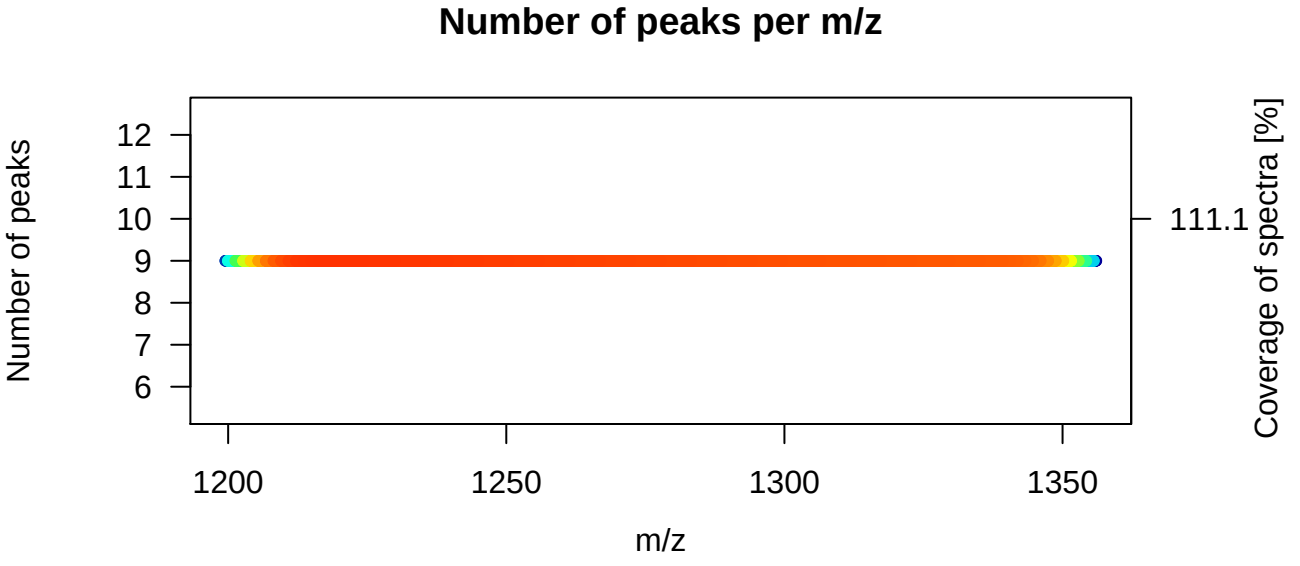

Number of peaks per spectrum
Number of peaks
5000
4500
4000
3500
3000
2500
2
4
6
8
Spectra index

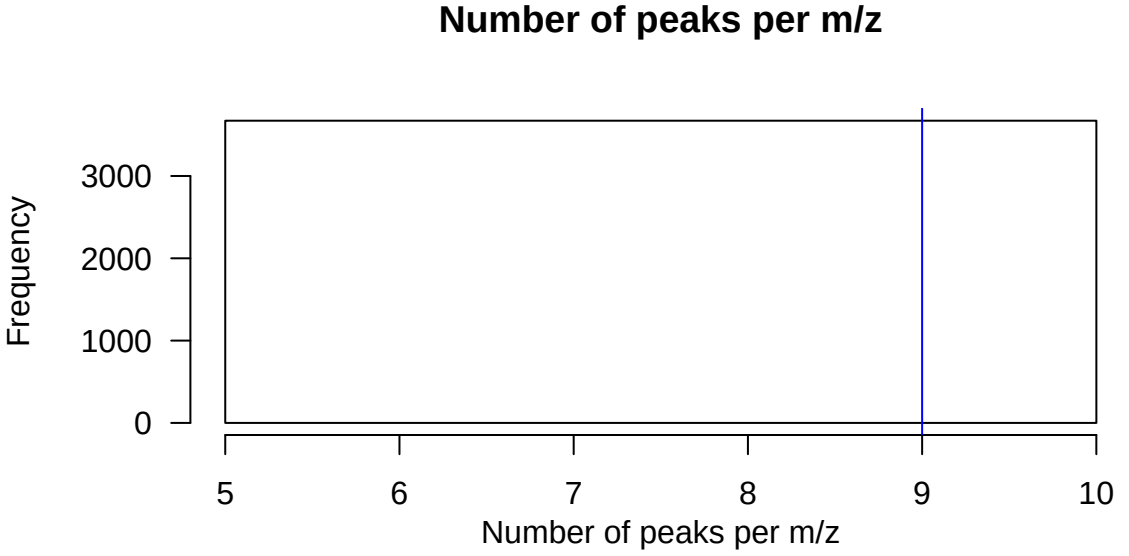

Number of peaks per spectrum
Frequency = # spectra
8
6
4
2
0
3500
3600
3700
3800
3900
4000
Number of peaks per spectrum

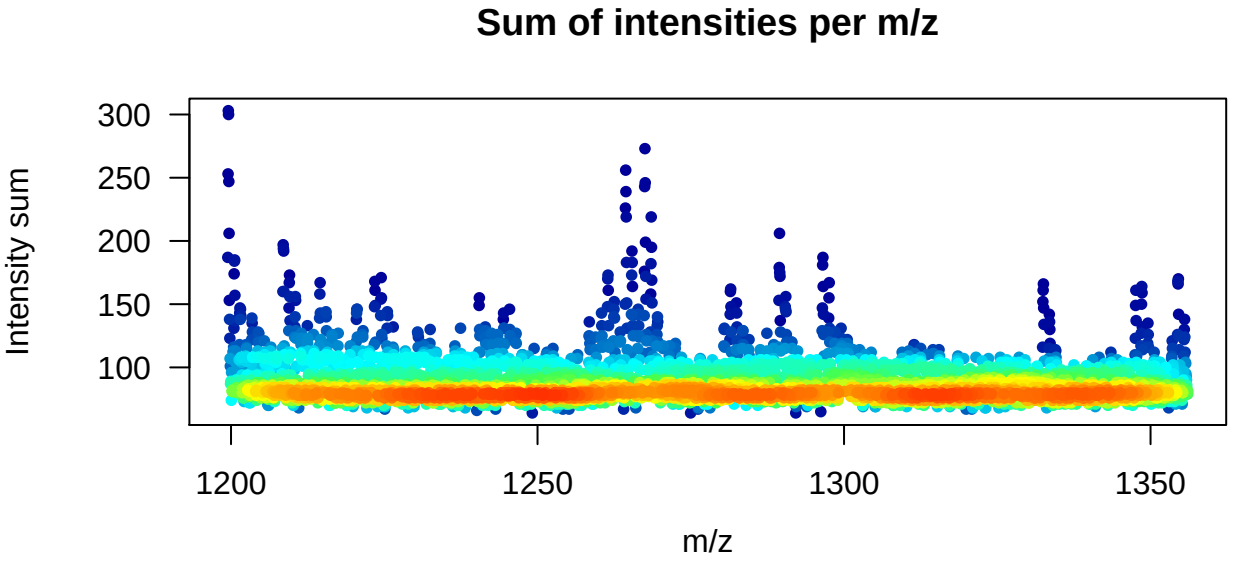

TIC per spectrum
Total ion chromatogram intensity
40000
35000
30000
2
4
6
8
Spectra index

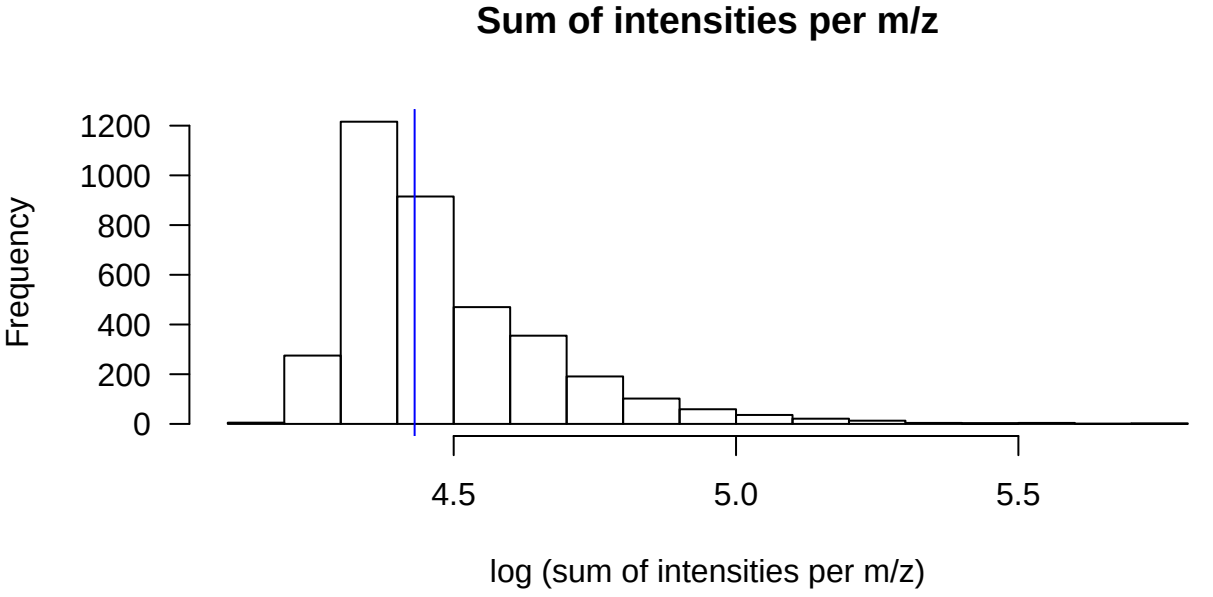

TIC per spectrum
Frequency = # spectra
3.0
2.5
2.0
1.5
1.0
0.5
0.0
10.2
10.3
10.4
10.5
10.6
10.7
log(TIC per spectrum)

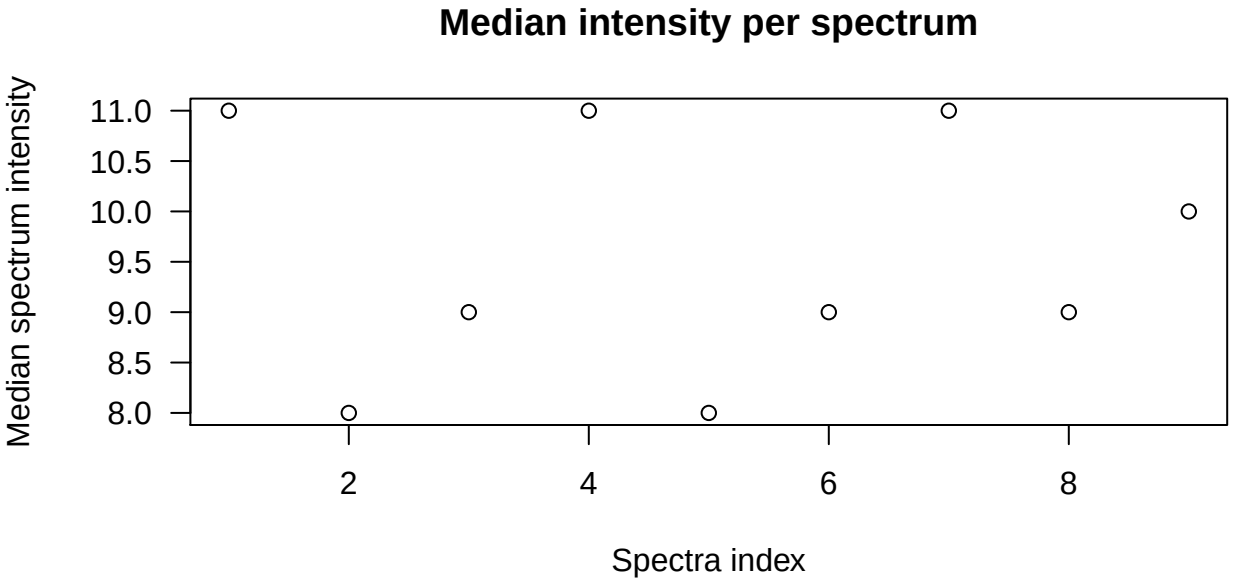

Histogram of m/z values
Frequency
0
50
100
150
200
250
1200
1250
1300
1350
m/z

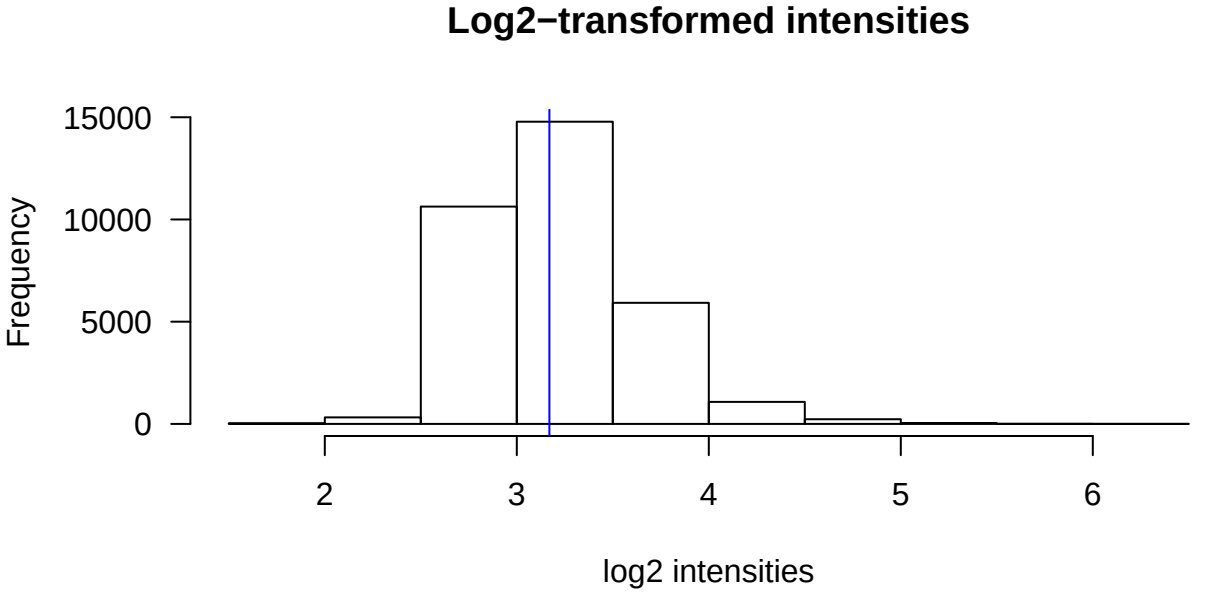

Number of peaks per m/z
Number of peaks
12
11
10
9
8
7
6
111.1
Coverage of spectra [%]
1200
1250
1300
1350
m/z

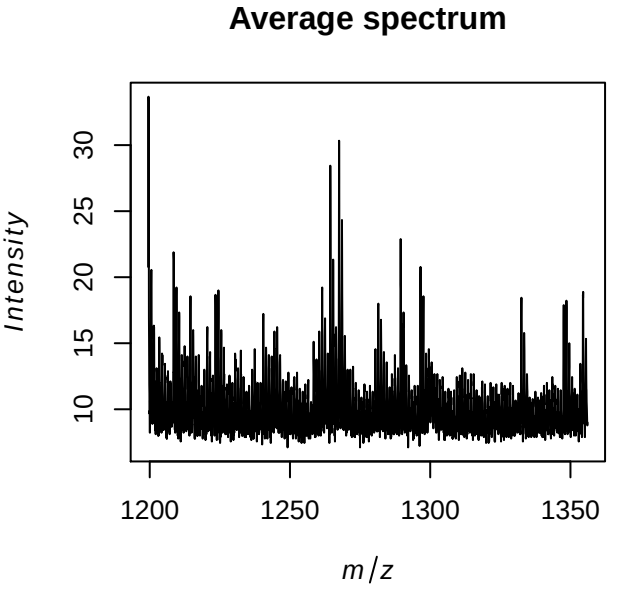

Number of peaks per m/z
Frequency
3000
2000
1000
0
5
6
7
8
9
10
Number of peaks per m/z

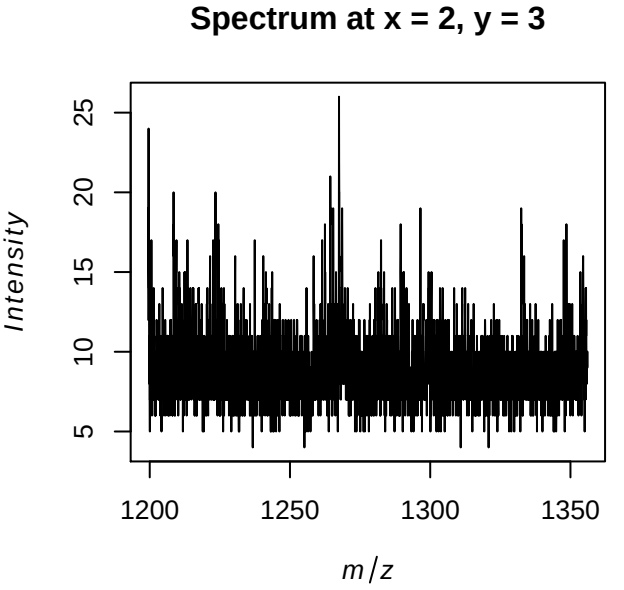

Sum of intensities per m/z
Intensity sum
300
250
200
150
100
1200
1250
1300
1350
m/z

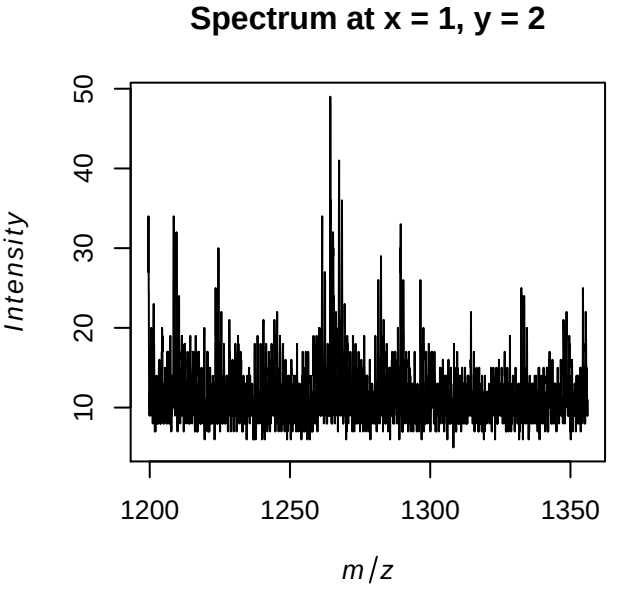

Sum of intensities per m/z
Frequency
1200
1000
800
600
400
200
0
4.5
5.0
5.5
log (sum of intensities per m/z)

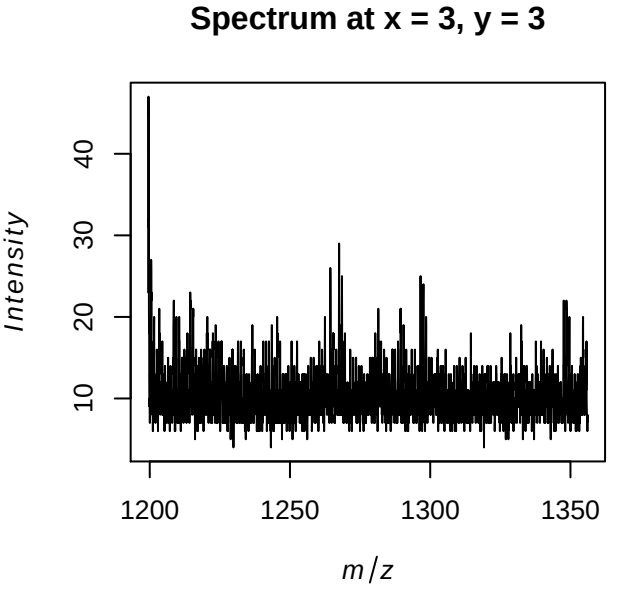

Median intensity per spectrum
Median spectrum intensity
11.0
10.5
10.0
9.5
9.0
8.5
8.0
2
4
6
8
Spectra index


Log2−transformed intensities
Frequency
15000
10000
5000
0
2
3
4
5
6
log2 intensities


Average spectrum
Intensity
10
15
20
25
30
1200
1250
1300
1350
m/z


Spectrum at x = 2, y = 3
Intensity
5
10
15
20
25
1200
1250
1300
1350
m/z


Spectrum at x = 1, y = 2
Intensity
10
20
30
40
50
1200
1250
1300
1350
m/z


Spectrum at x = 3, y = 3
Intensity
10
20
30
40
1200
1250
1300
1350
m/z