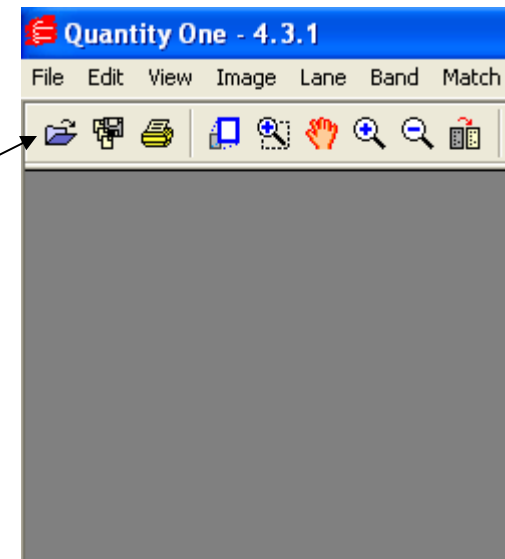


Quantifying Bands on a gel

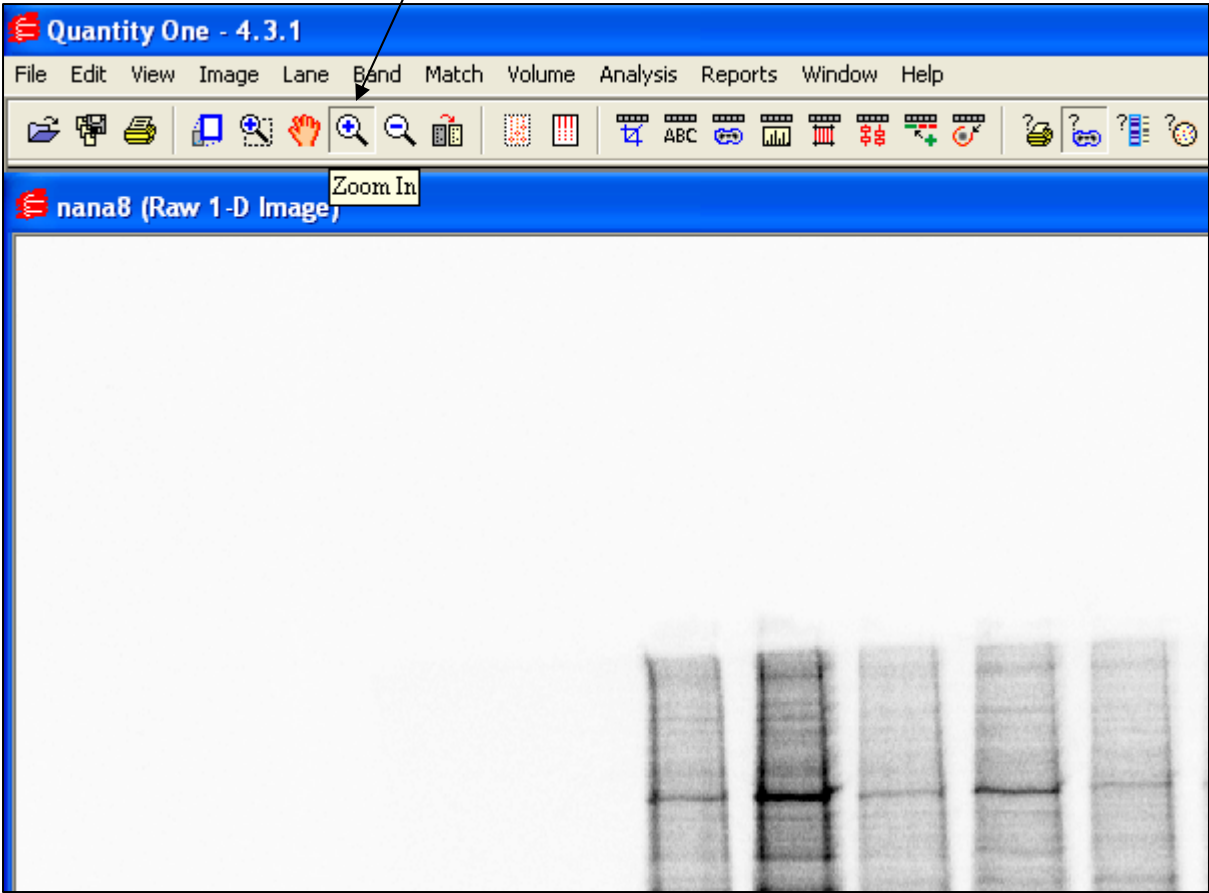
After capturing an image using either the FX Imager or the Multimager with Quantity One Basic, open Quantity One Full on the Multimager computer



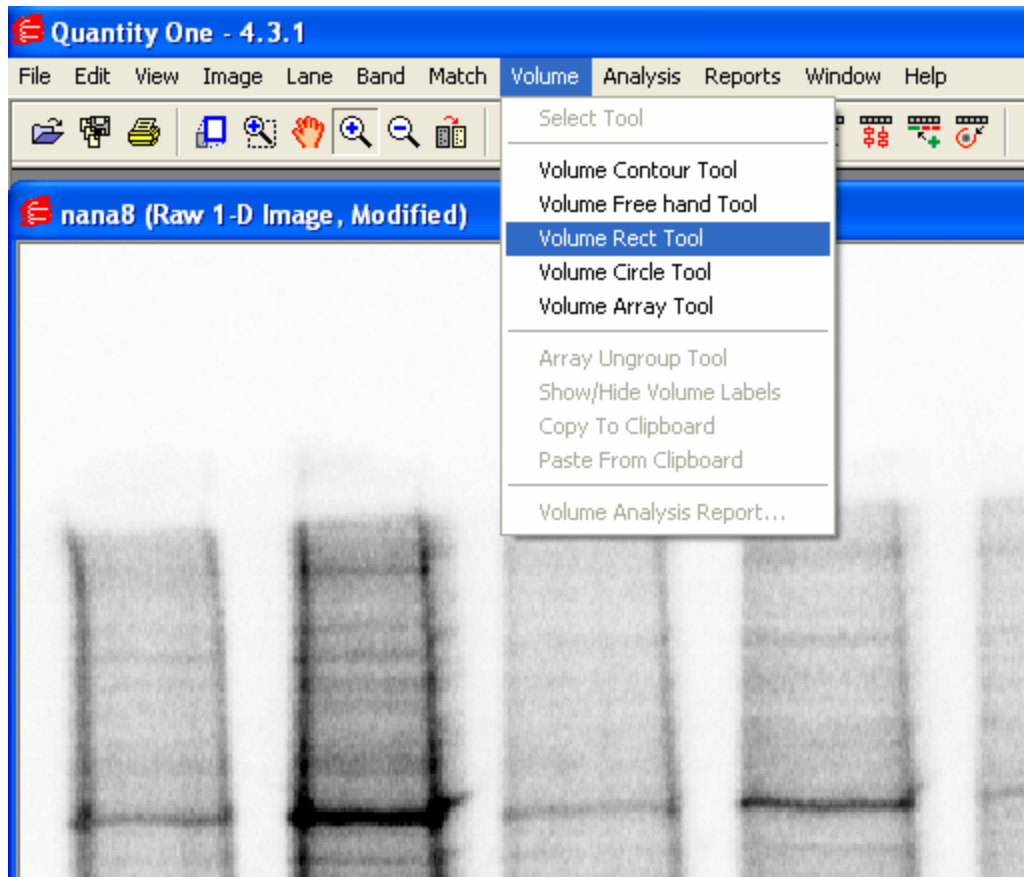
Open the image by clicking on the open file button and browsing to your image



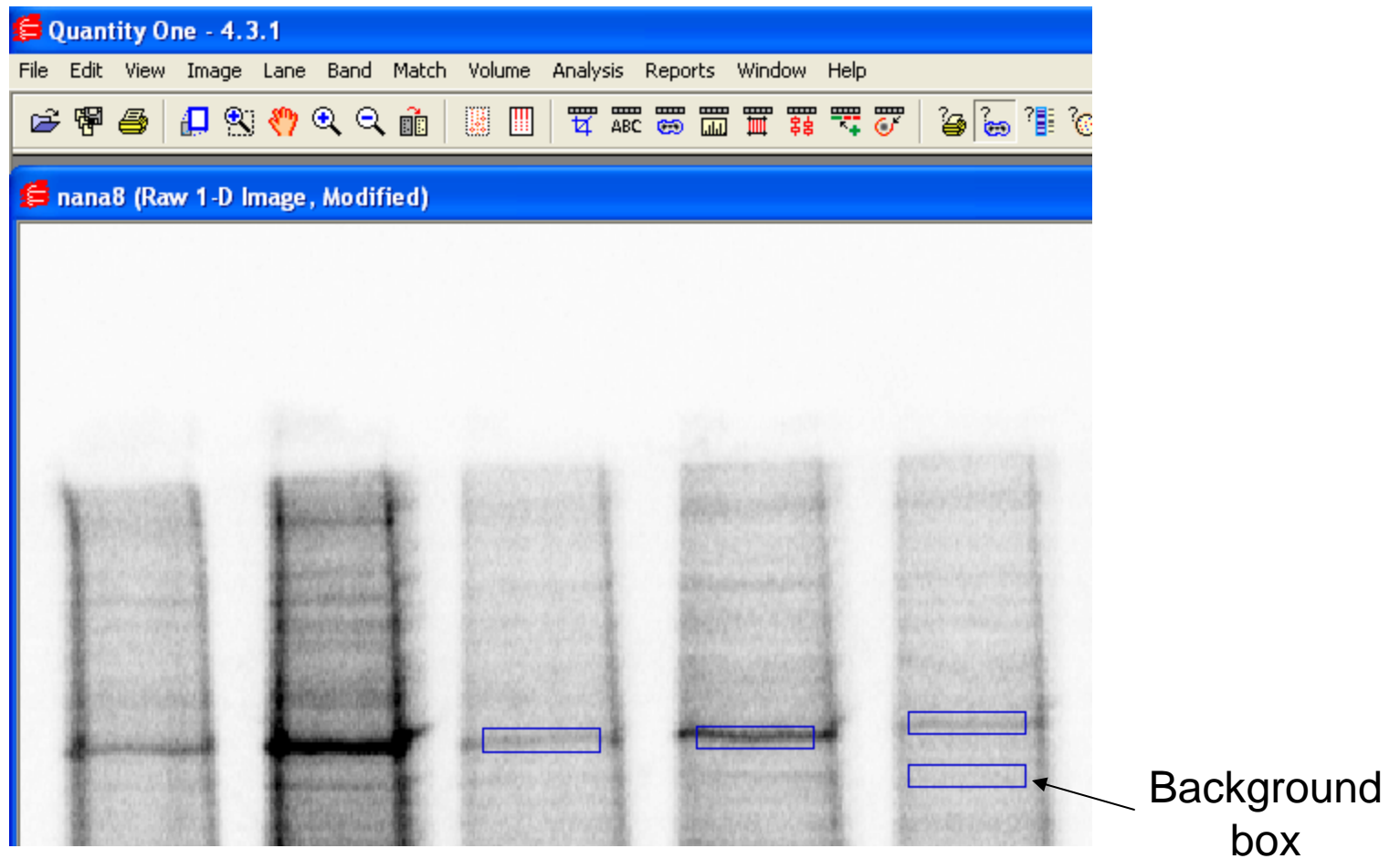
Zoom onto the bands you want to quantify by clicking the zoom button and then clicking the image several times until the desired zoom is reached.



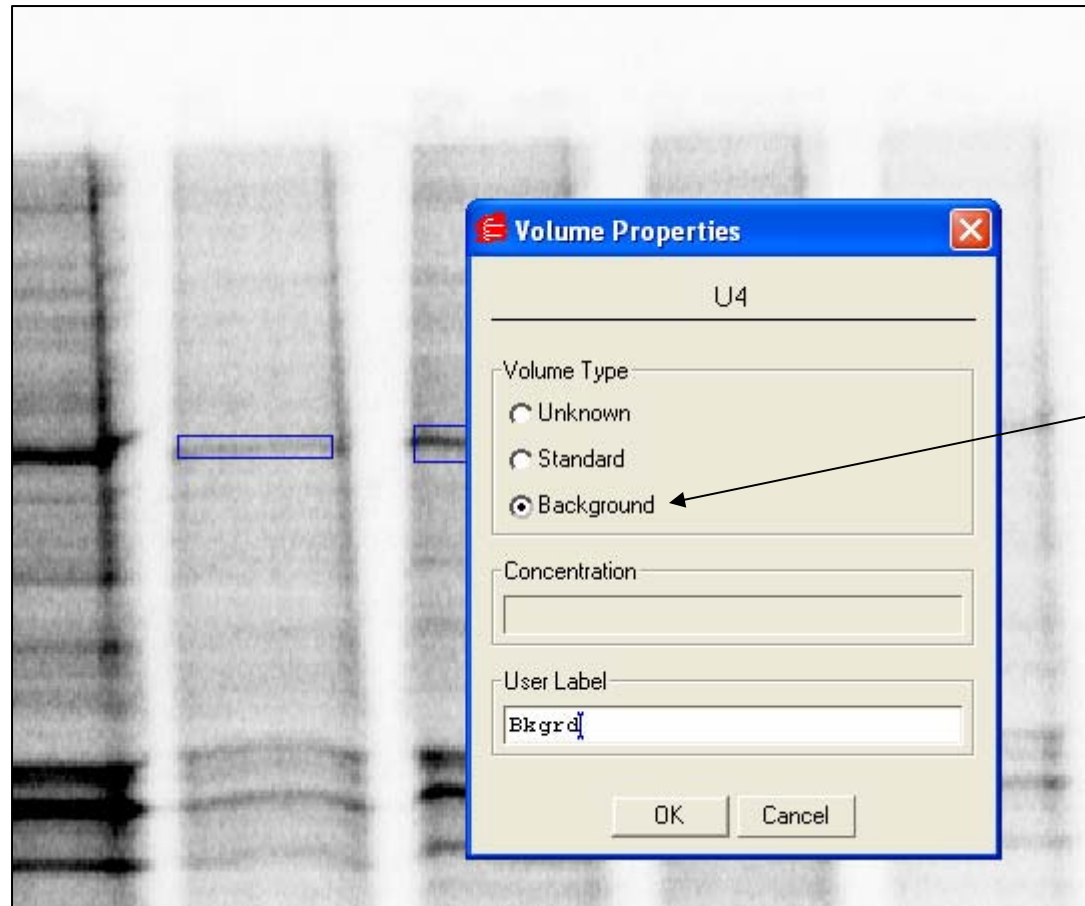
Select the Volume Rect Tool under the Volume tab to select your bands



Once you have a box over one of your bands, copy and paste that box to create other boxes. This will keep all the boxes the same area, which is essential to a good quantification. You will need an additional box over a blank part of a track to use as a background.

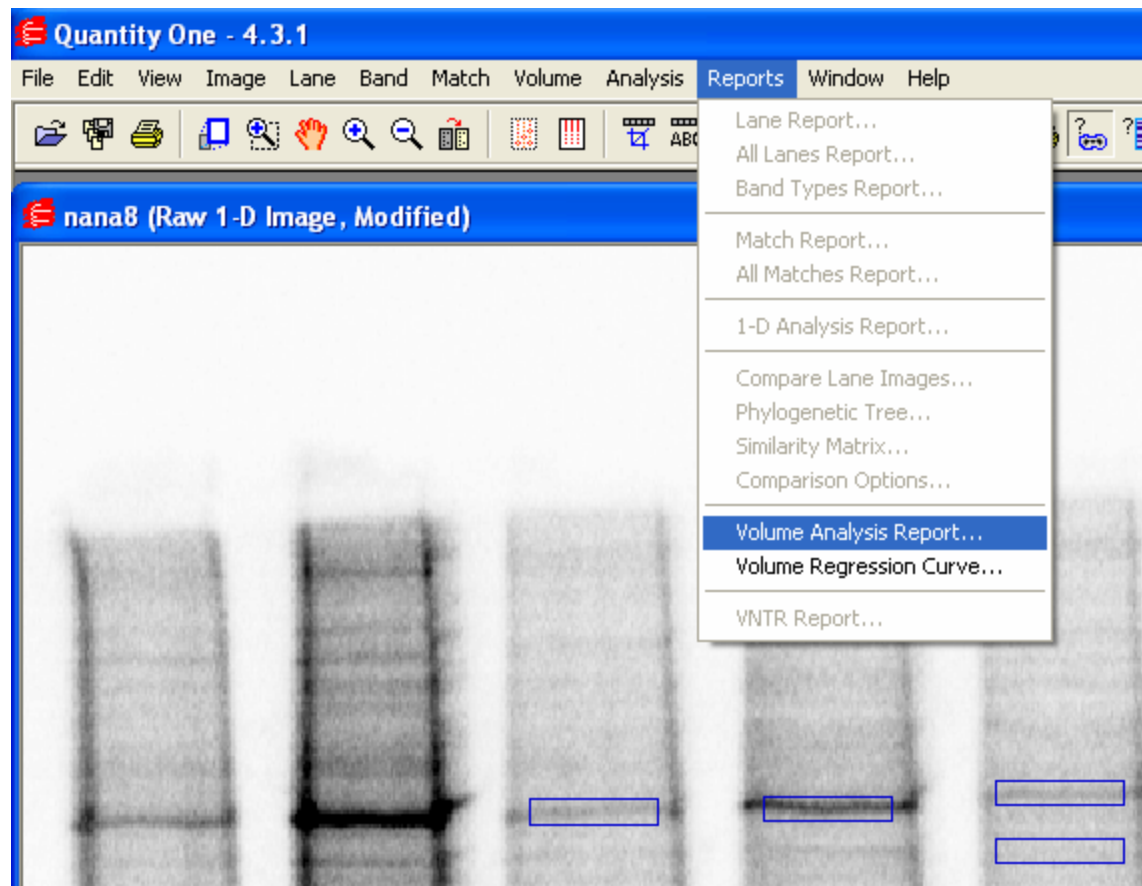


Double click on the background box. This will bring up the box below. Click the background button to define the area as background. You can give the box a name as well.

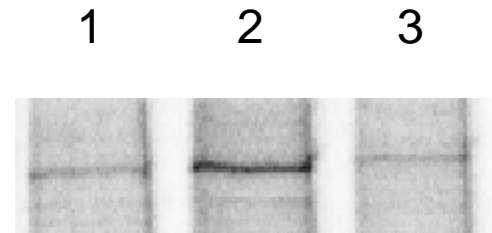
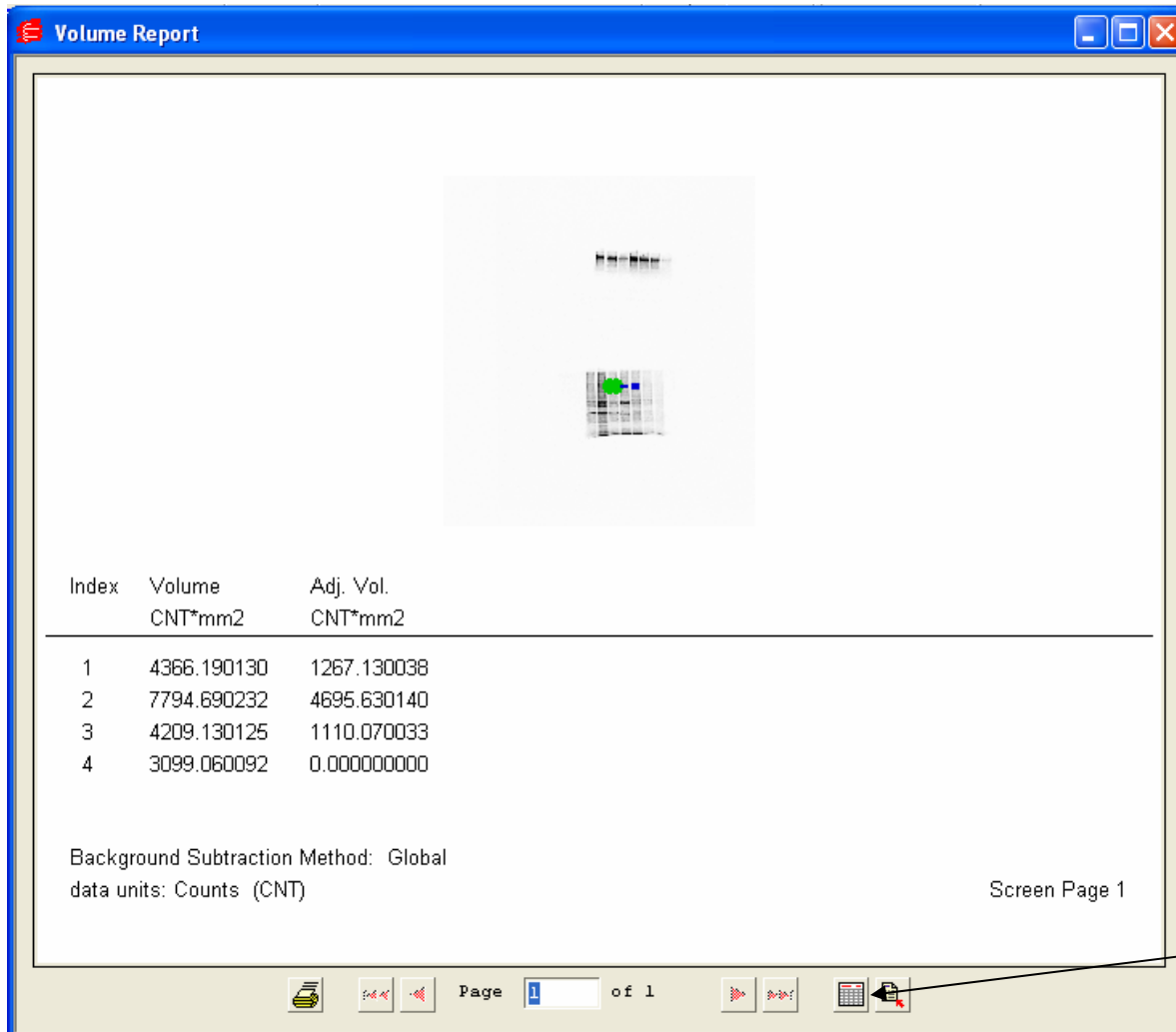


Click this
box

Click on the Volume Analysis Report under the Reports menu to create your quantification report. You will want Volume and adj. vol. checked, and you want global checked for the background method.



Here is the Volume report. You can see from the adj. vol. menu the numbers for the three bands. Compare the results with the image. You can also export the results to a spreadsheet.



Click here to export to a .txt file, which can be opened with excel.