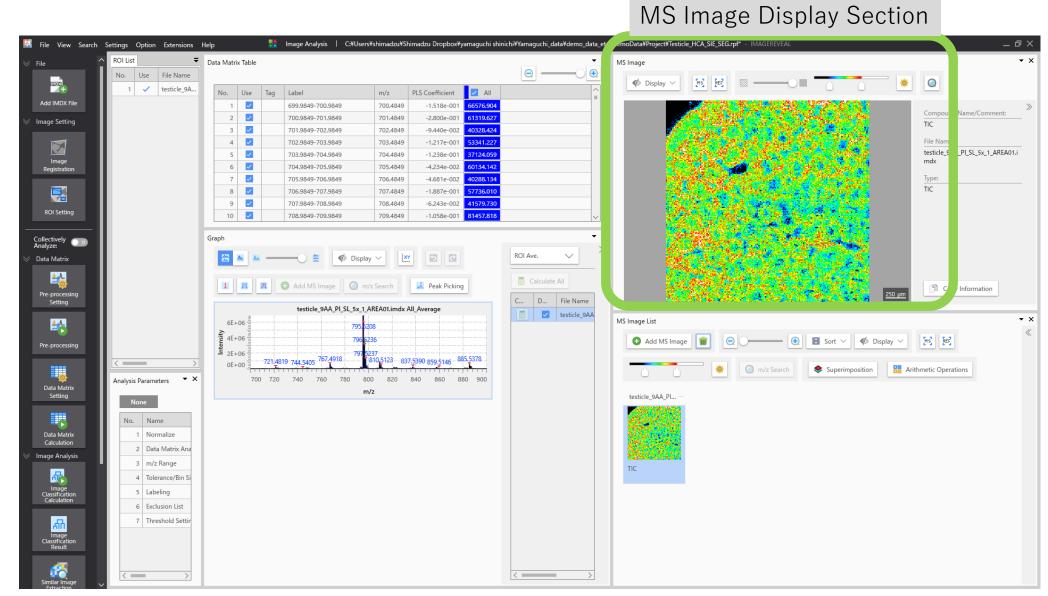
Adjusting MS images

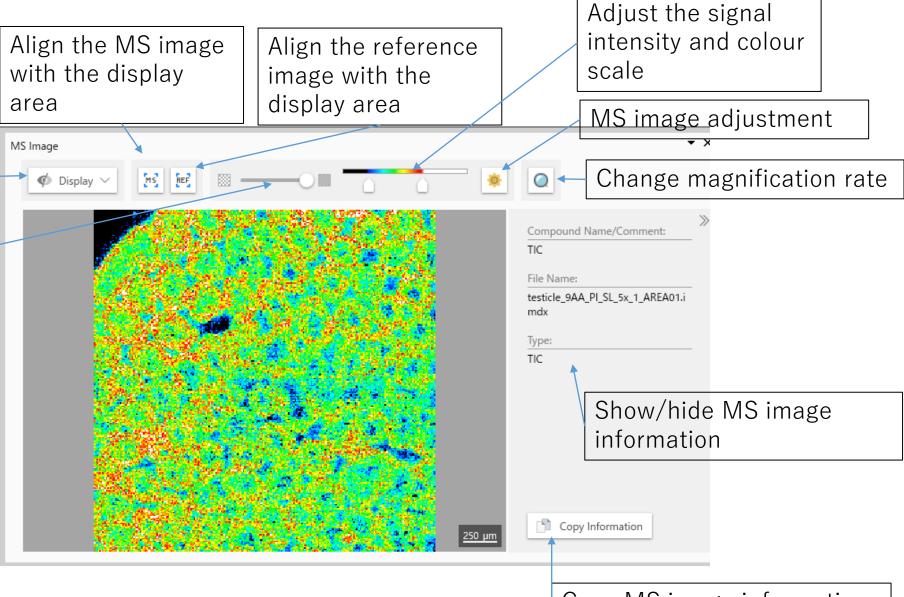
Main window



Functions

Choose the content to be displayed

Change the transparency of the MS image

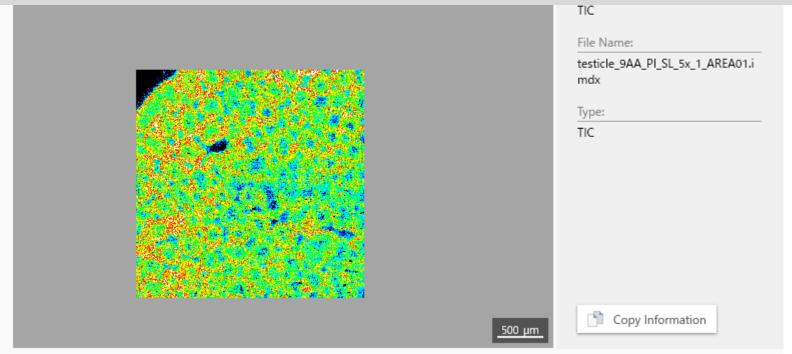


Copy MS image information

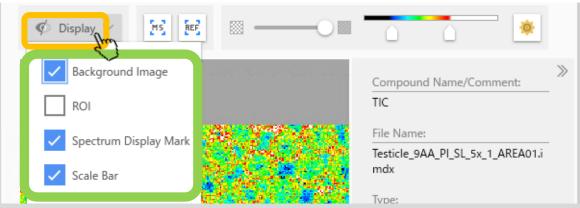
Change the magnification rate of MS Images



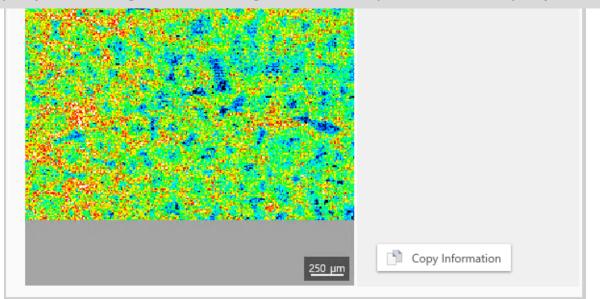
When the magnifying glass button is pressed, the magnification steps with the mouse wheel becomes finer.



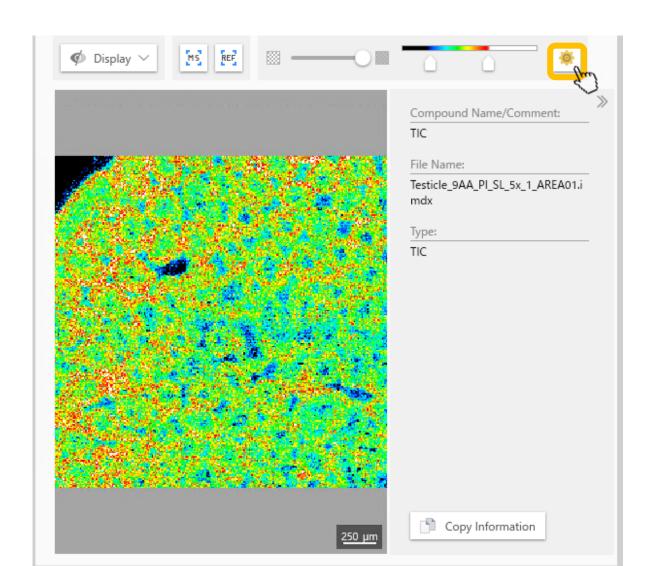
Click on "Display" to select which elements are displayed



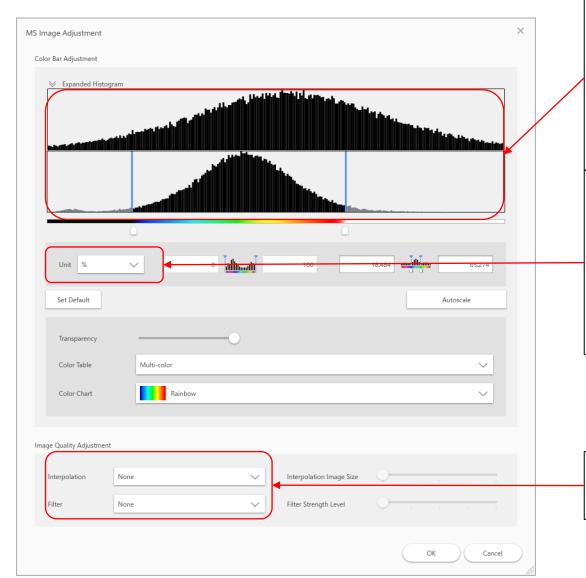
Choose whether to display "Background Image"/ROI/"Spectrum Display Mark"/"Scale Bar".



MS image adjustment



MS image adjustment



This is a histogram of the signal intensity in the image. The vertical axis represents the frequency (number of pixels), and the horizontal axis represents the signal intensity. The lower section is the overall histogram, and the upper section is a histogram with an expanded range of the color bar.

The following units can be selected.

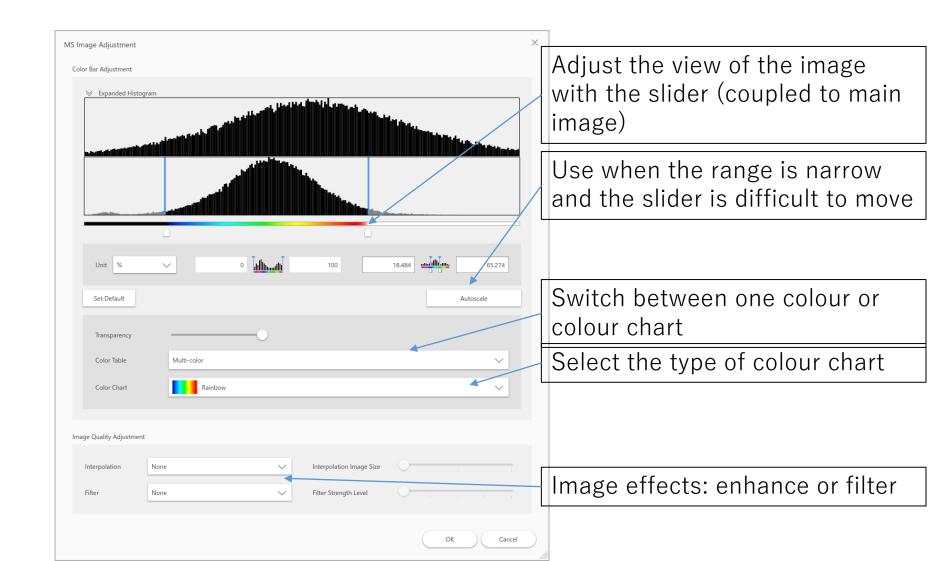
"%": A relative value with the maximum value set to 100.

"a.u": stands for "Arbitrary Units". This means that the values are comparable and do not have a specific physical unit. In this case, it refers to signal intensity.

Interpolation: Increases the number of pixels.

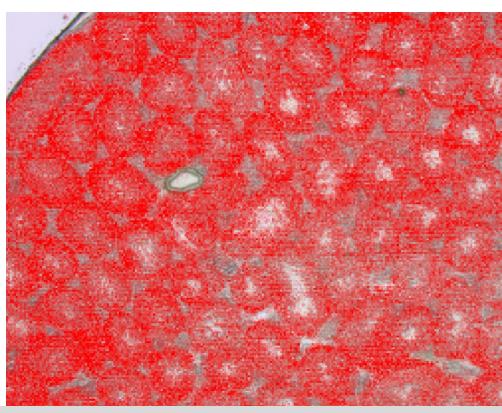
Filter: Calculates the signal intensity between pixels.

MS image adjustment

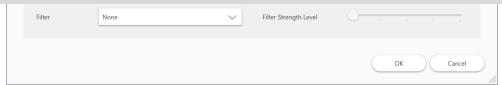


Single colour (transparent/specified colour)



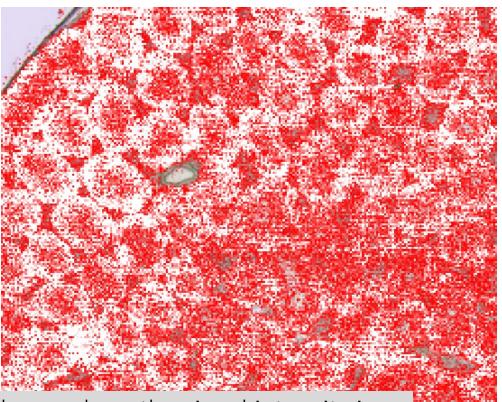


Select Transparent/Specified colour and the areas with strong signal intensity will appear in colour and areas where signal intensity is weak will appear transparent.

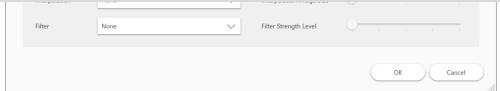


Single colour (transparent/specified colour/white)

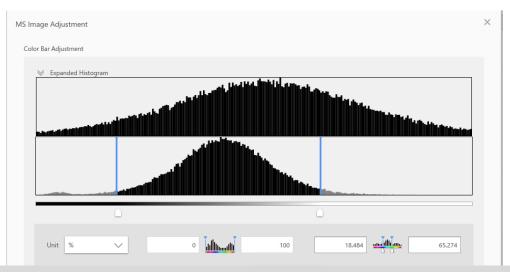


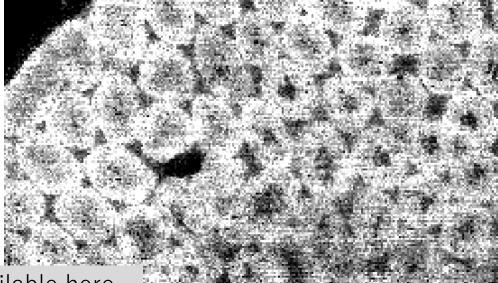


Similar to Transparent/specified colour, except that places where the signal intensity is saturated appear white.

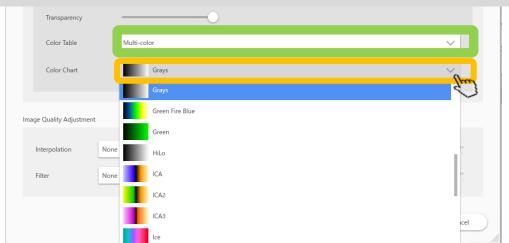


Multi-colour





Various colour charts can be applied. Grayscale is available here.



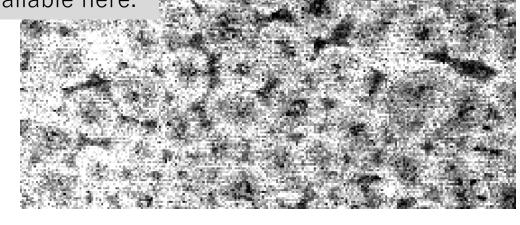
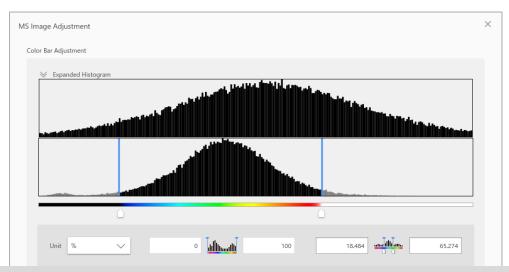


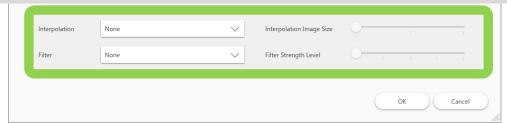
Image effects: interpolation and filter

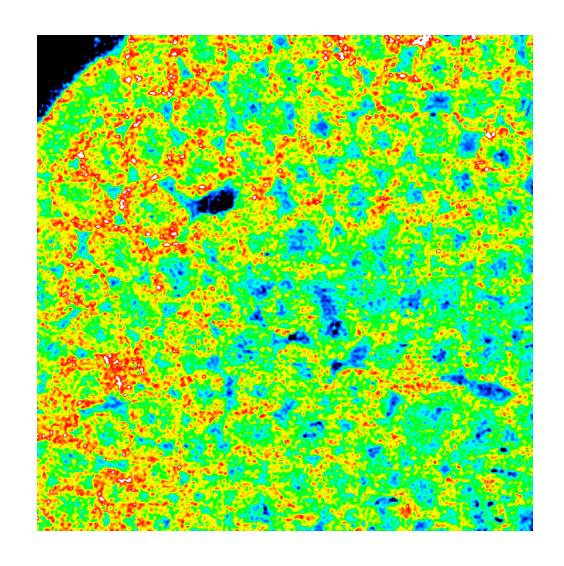


interpolation: Increase the pixel count of the image

Filter: Make the image smoother

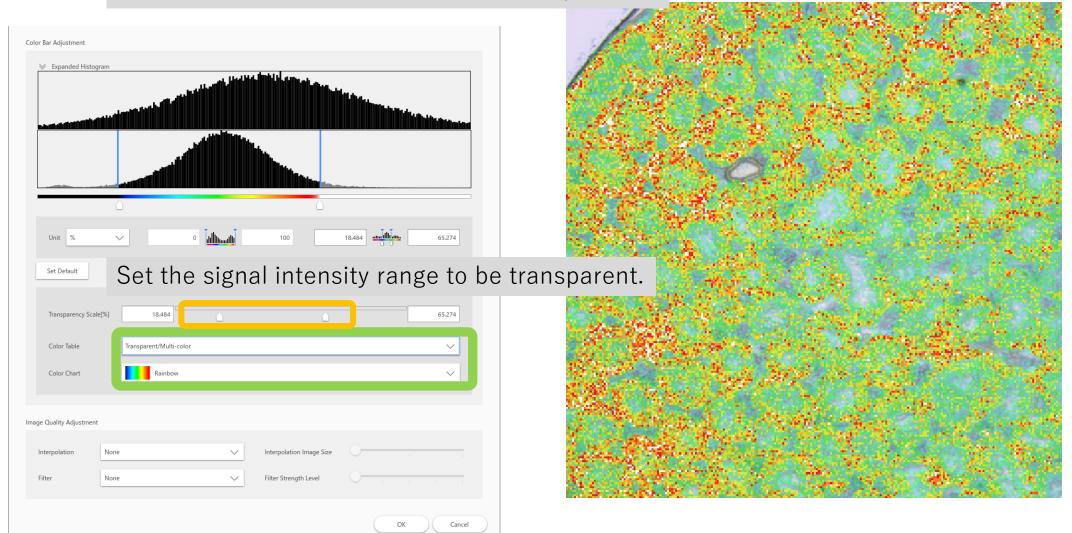
Adjust the strength of the effect using the slider



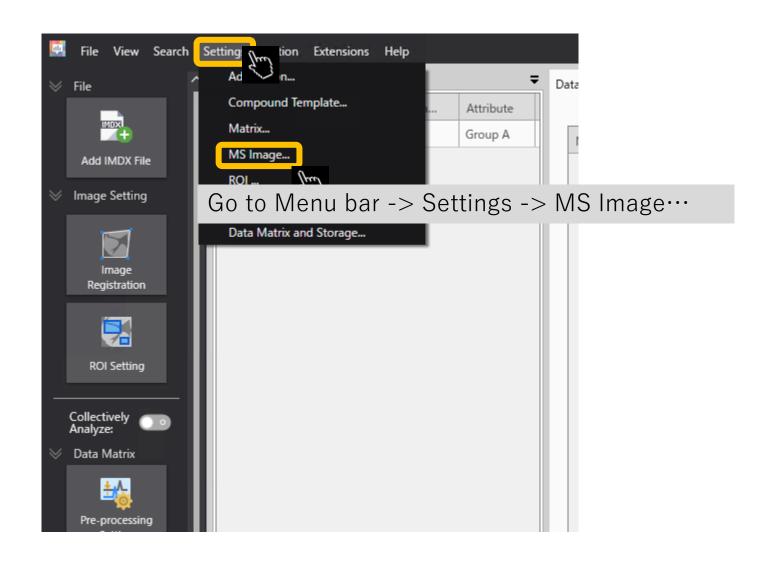


Transparent/Multi-color

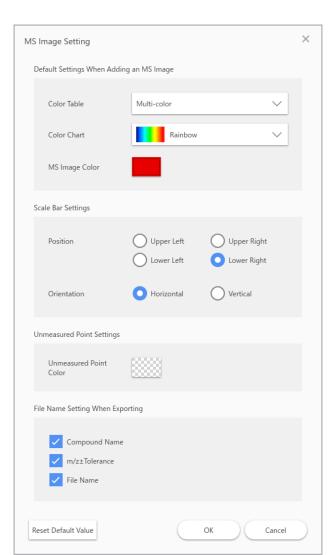
Combination of "Multi-color" and "Transparent".



Initial settings for MS images



MS image settings

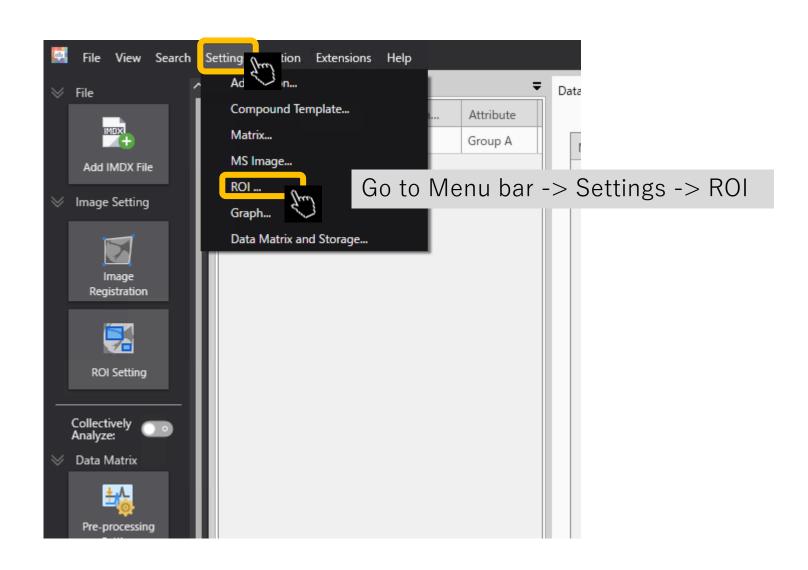


Parameters can be set for creating MS images.

Settings can be applied for:

- colour charts
- scale bars
- unmeasured points
- exported file names

ROI display settings



ROI display settings

