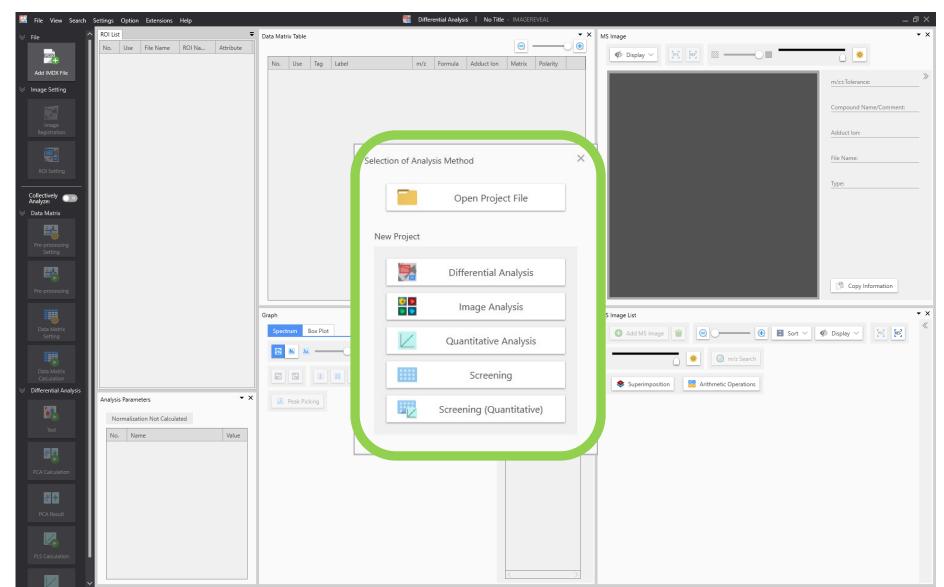
The Very Basics of IMAGEREVEAL MS

With differential analysis as an example

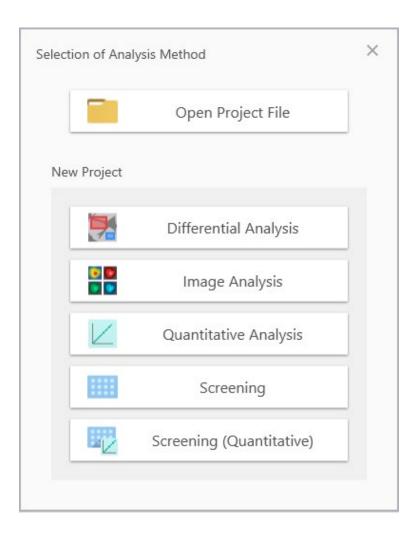
Startup icon



Startup window



Select a project



Open an existing project file

Look for differences

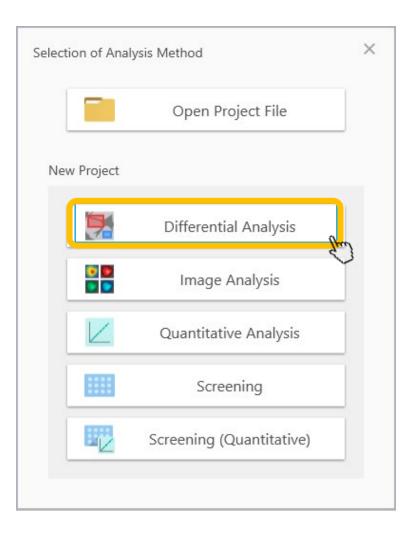
Look for localized features

Imaging by concentration

Process a large number of samples

Process a large number of samples quantitatively

Select a project (differential analysis in this example.)



Open an existing project file

Look for differences

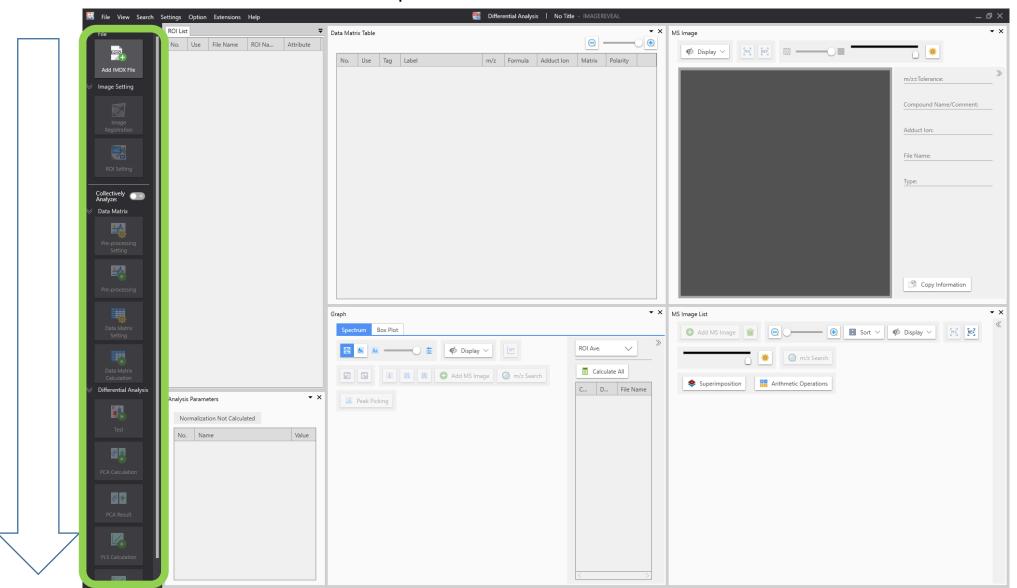
Look for localized features

Imaging by concentration

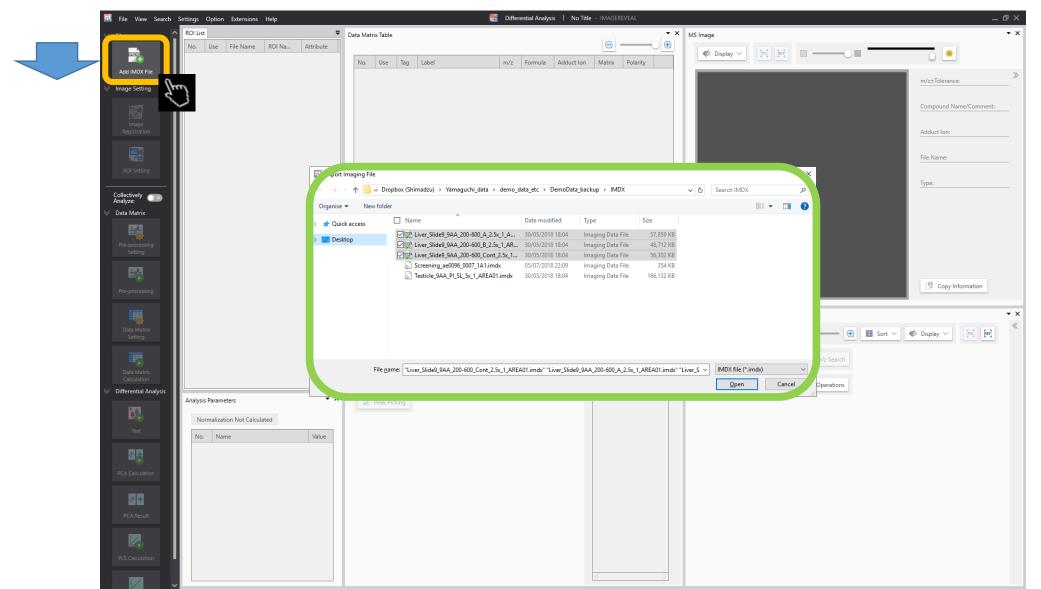
Process a large number of samples

Process a large number of samples quantitatively

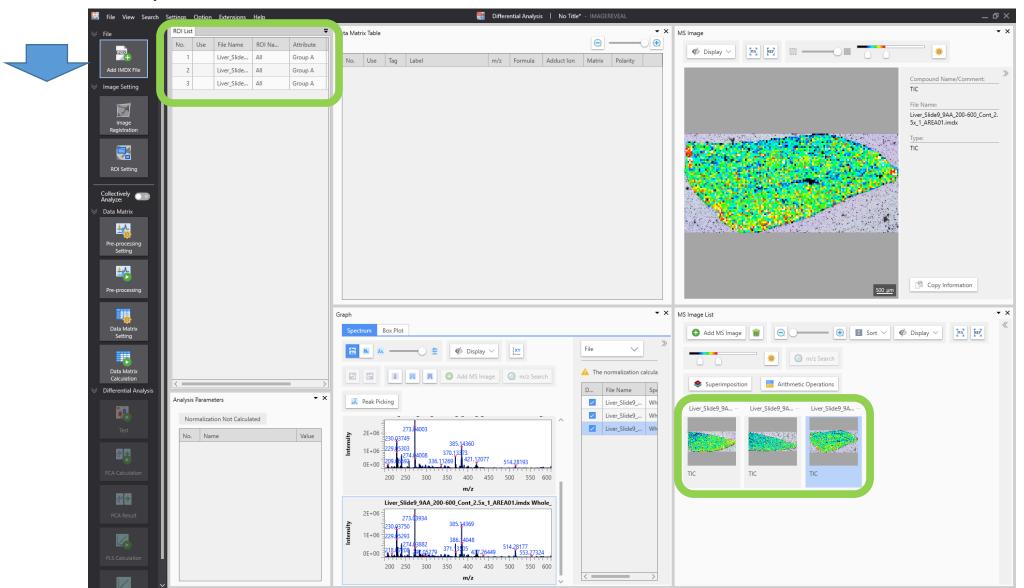
The analysis is basically carried out by going down the taskbar from top to bottom



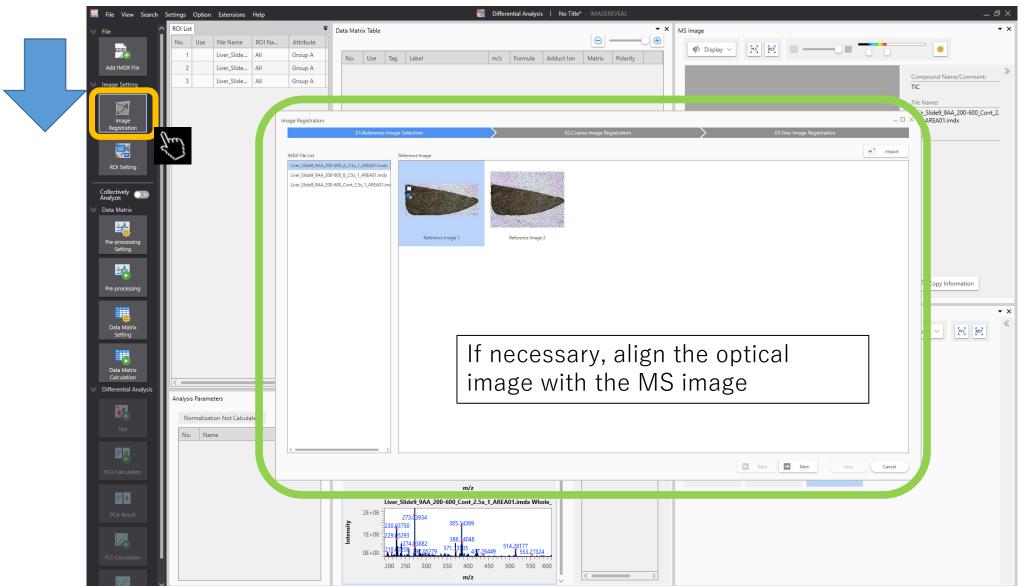
1. Add a data file (.imdx)



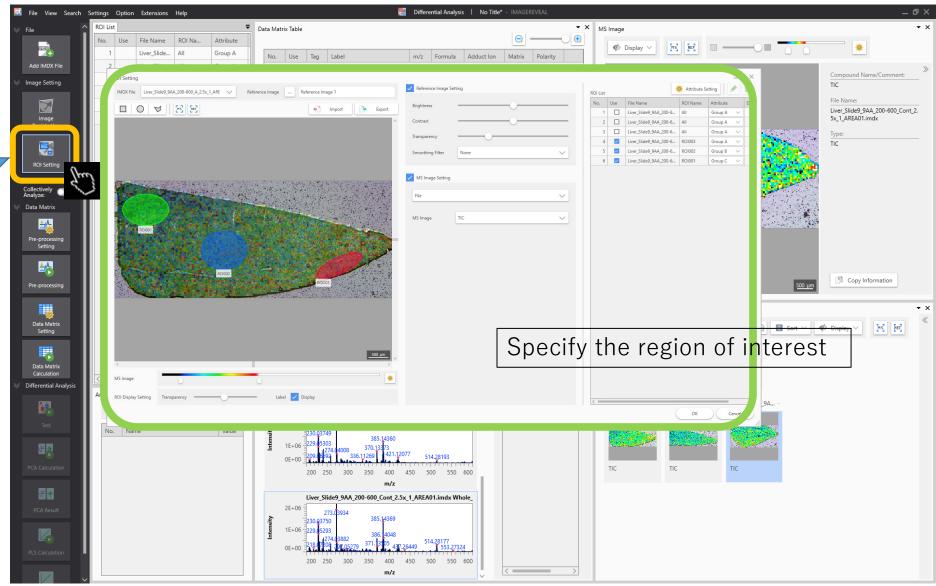
Example with three data files added:



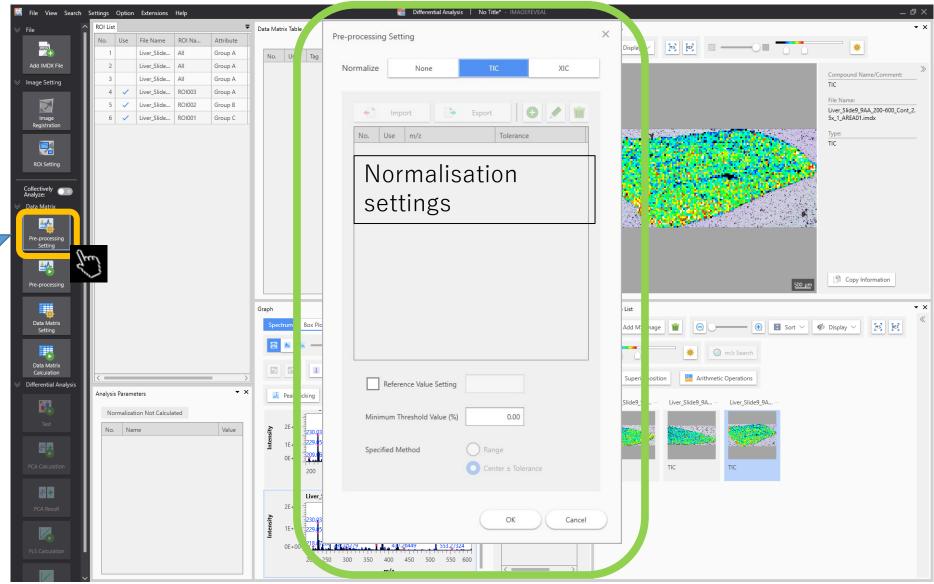
2. Image registration



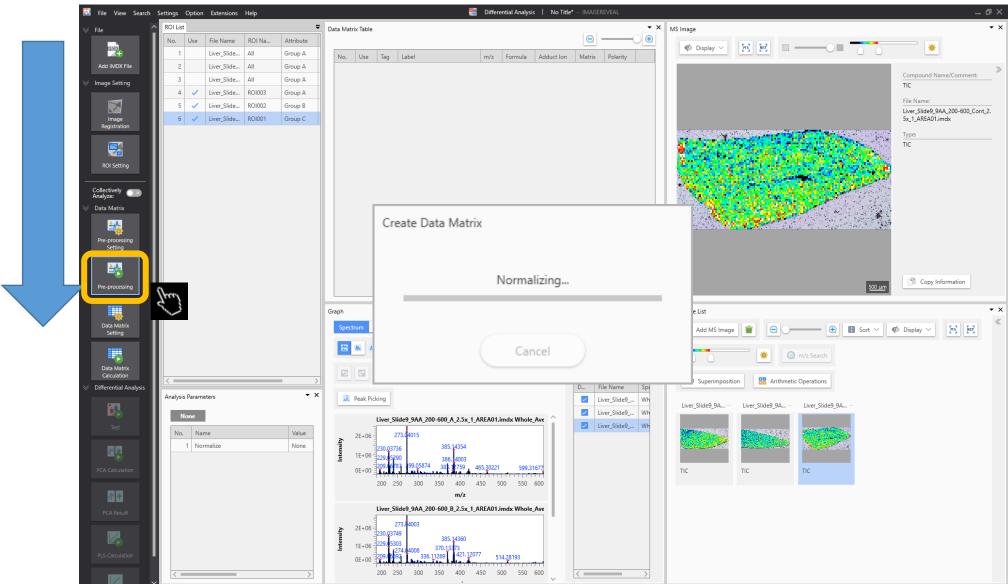
3. ROI settings



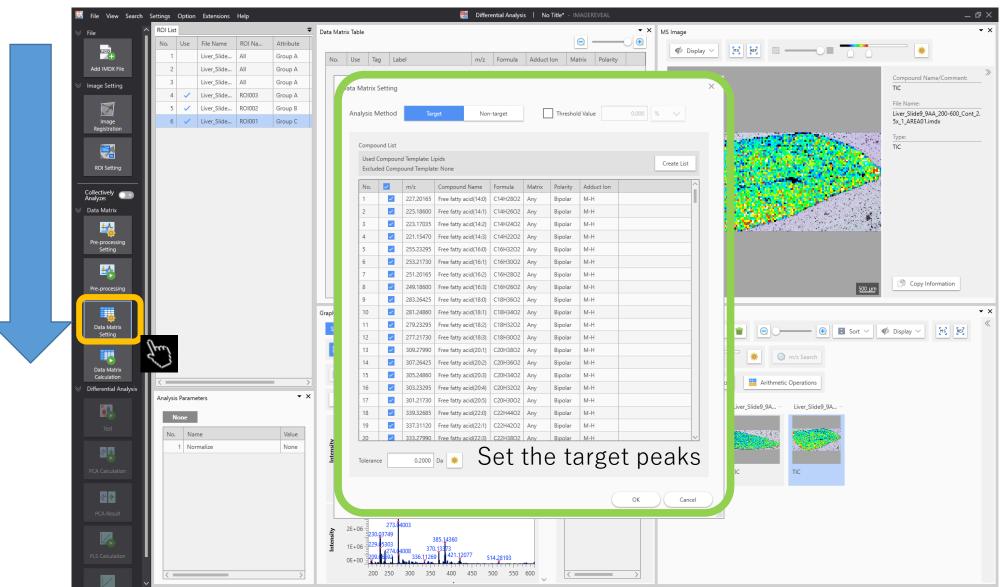
4. Pre-processing settings



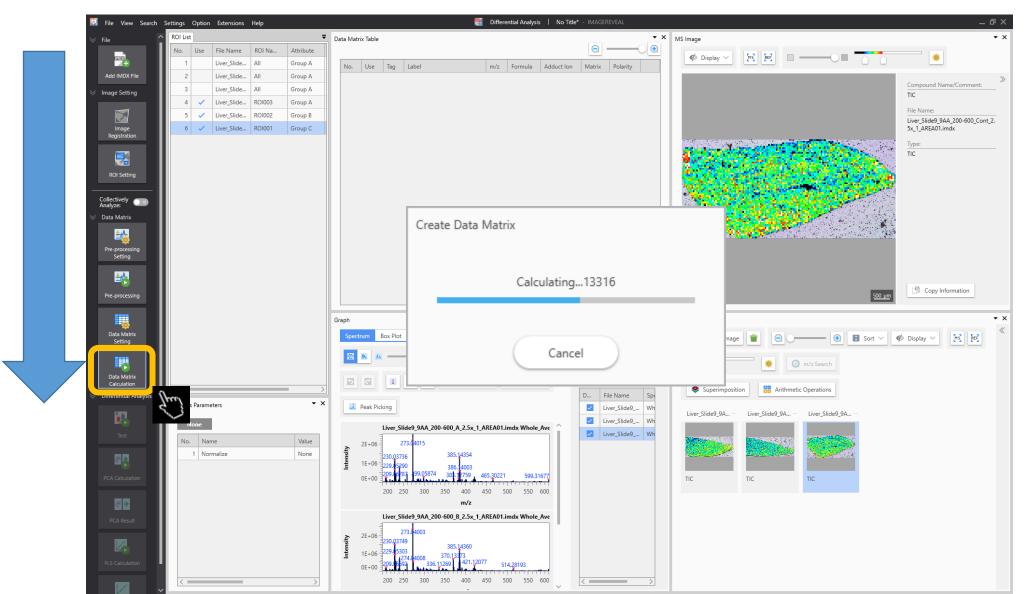
5. Pre-processing



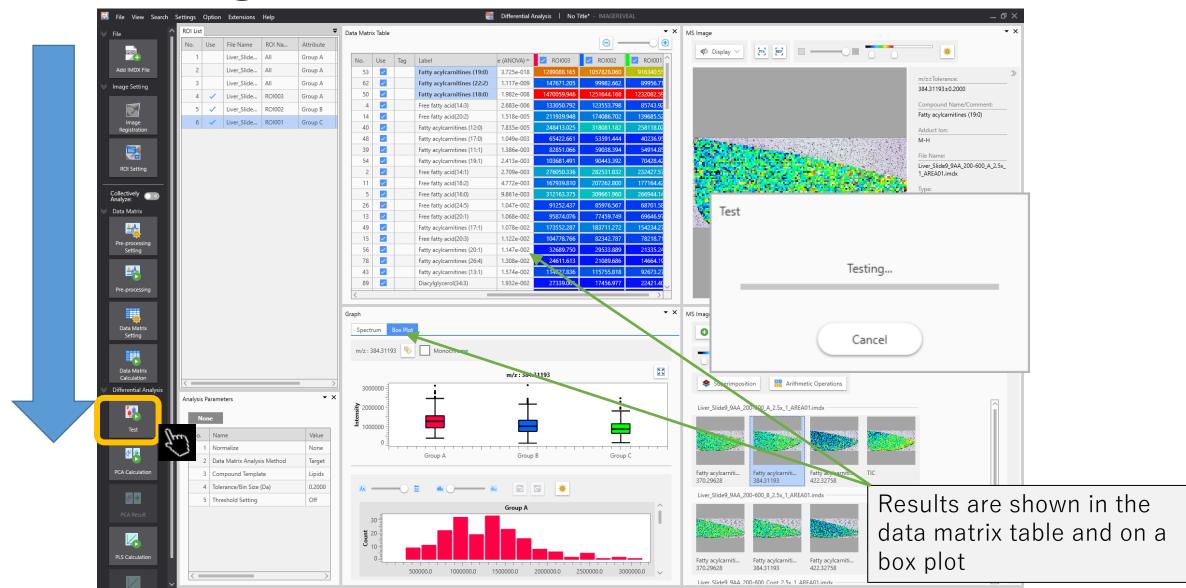
6. Data matrix settings



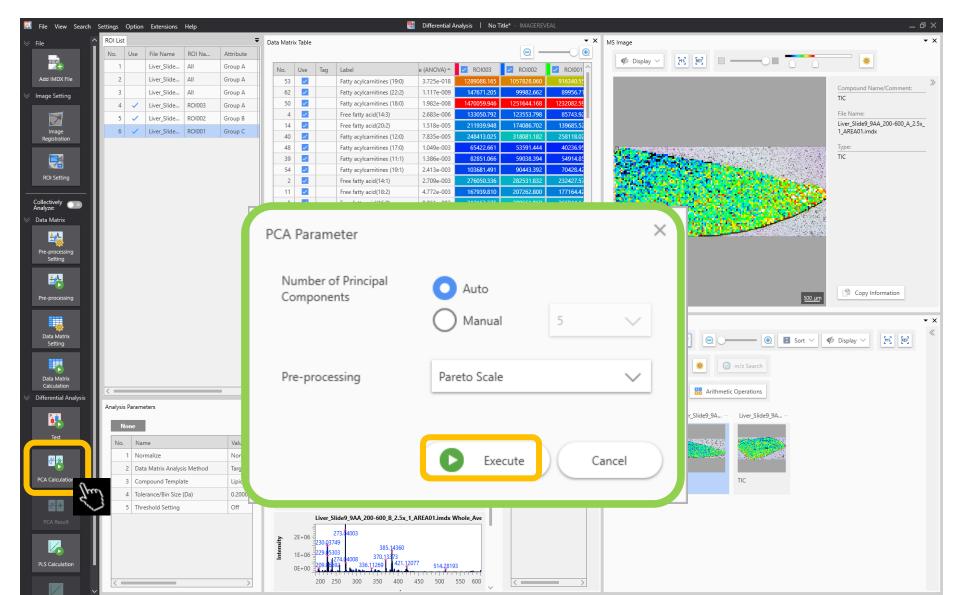
7. Data matrix calculation



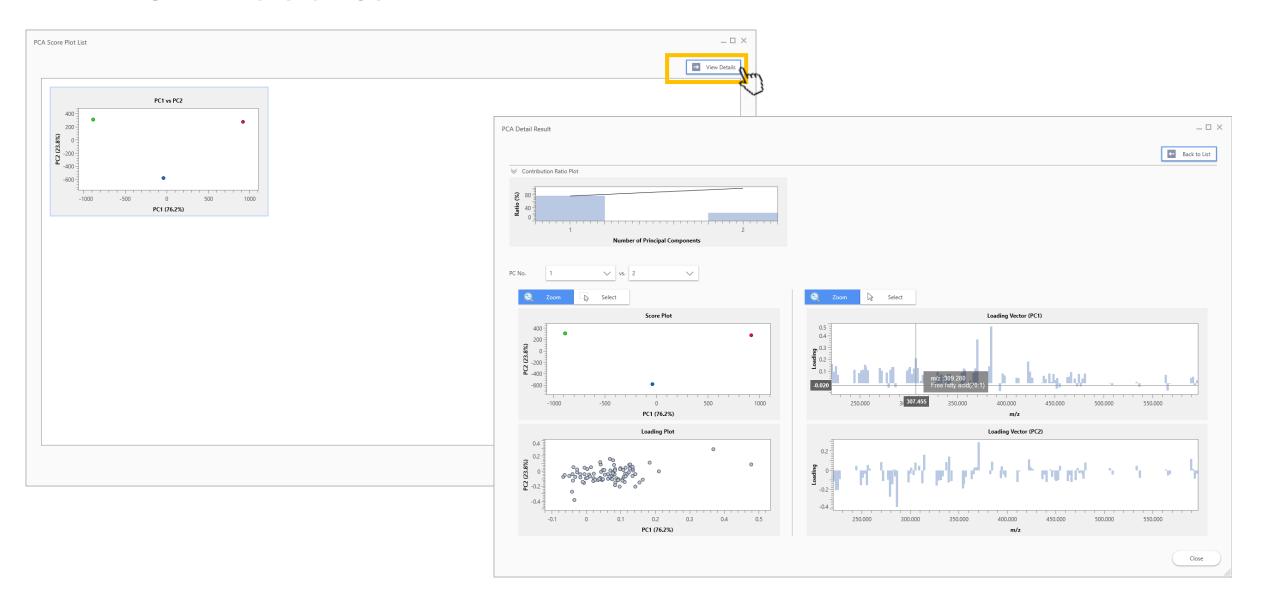
8. Testing



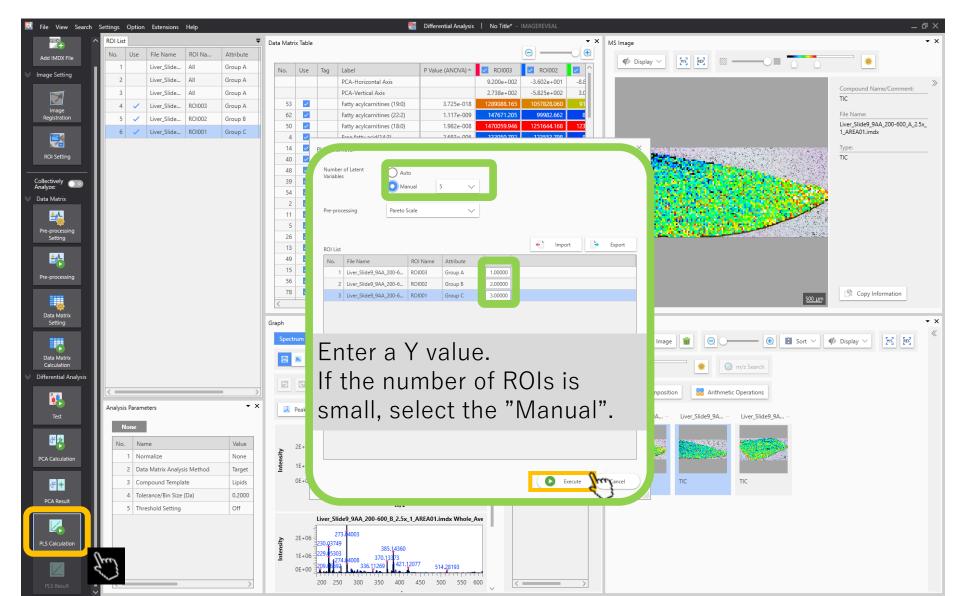
9. PCA calculation



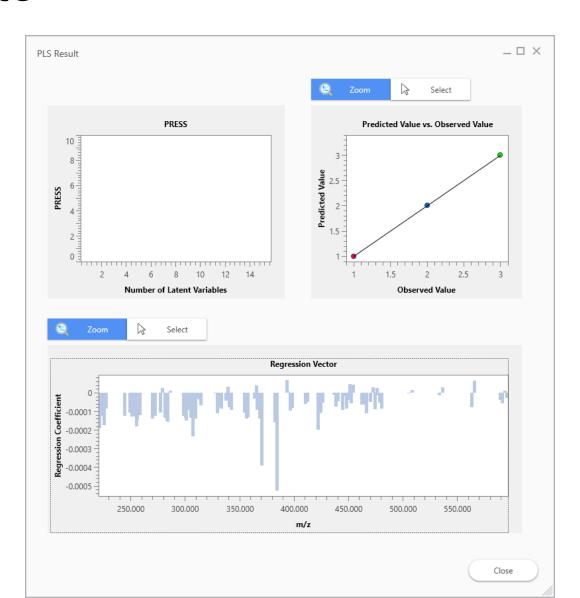
PCA results



10. PLS calculation



PLS results



Summary

- Analysis is carried out by going down the vertical taskbar on the left from top to bottom
- In this example we carried out a "differential analysis" task, but analysis can be carried out in the same way for other analysis modes