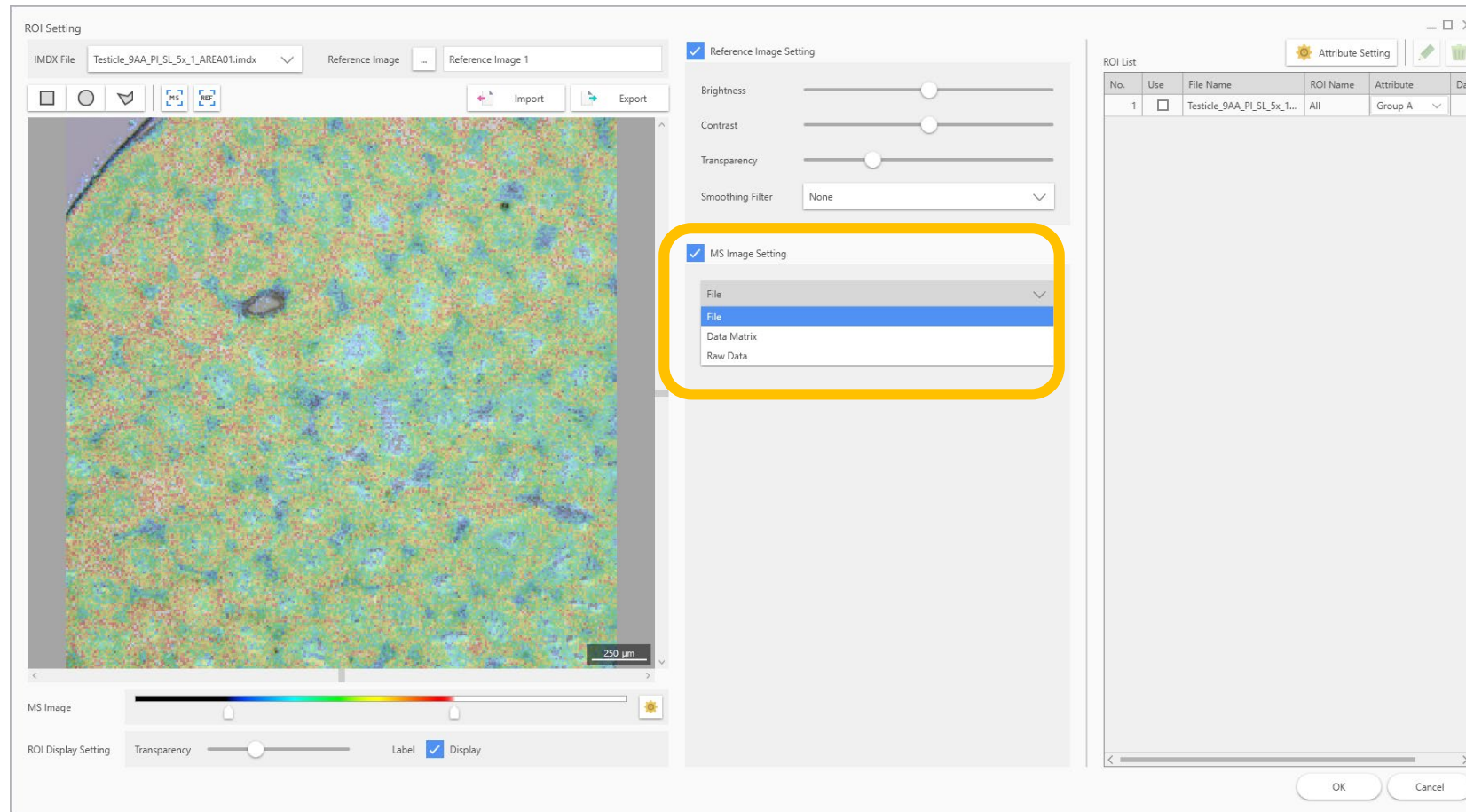


Setting ROI based on a  
specific  $m/z$  image

# “MS Image Setting” in “ROI Setting” window



- If the data matrix has been calculated, you can select "Data Matrix".
- If the data matrix has not been calculated, select "Raw Data" to create the MS image.

# In the “Raw Data”

The screenshot displays the 'MS Image Setting' window. At the top, there is a checked checkbox for 'MS Image Setting' and a dropdown menu set to 'Raw Data'. Below this is a section for 'Compound List' and 'Matrix Clusters', with a search bar for 'Search Compound Name'. A table lists various compounds with their m/z values and adduct ions. Below the table, there are input fields for 'm/z' (set to 800.00000) and 'Tolerance' (set to 0.2000 Da). A 'Create' button is located at the bottom right, and a warning message states: 'It may take some time to create the MS image from the raw data.'

Compound Name	m/z	Adduct Ion
9-AA (9-aminoacridine)	193.07712	M-H
9-AA (9-aminoacridine)	176.05057	M-NH3-H
9-AA (9-aminoacridine)	387.16152	2M-H
9-AA (9-aminoacridine)	370.13497	2M-NH3-H
CHCA(alpha-Cyano-4-hydroxycinnamic acid)	190.04987	M+H
CHCA(alpha-Cyano-4-hydroxycinnamic acid)	212.03181	M+Na
CHCA(alpha-Cyano-4-hydroxycinnamic acid)	228.00630	M+K
CHCA(alpha-Cyano-4-hydroxycinnamic acid)	172.03930	M-H2O+H
CHCA(alpha-Cyano-4-hydroxycinnamic acid)	194.02125	M-H2O+Na

The m/z can be specified by selecting from the “Compound List “or by entering the m/z.