

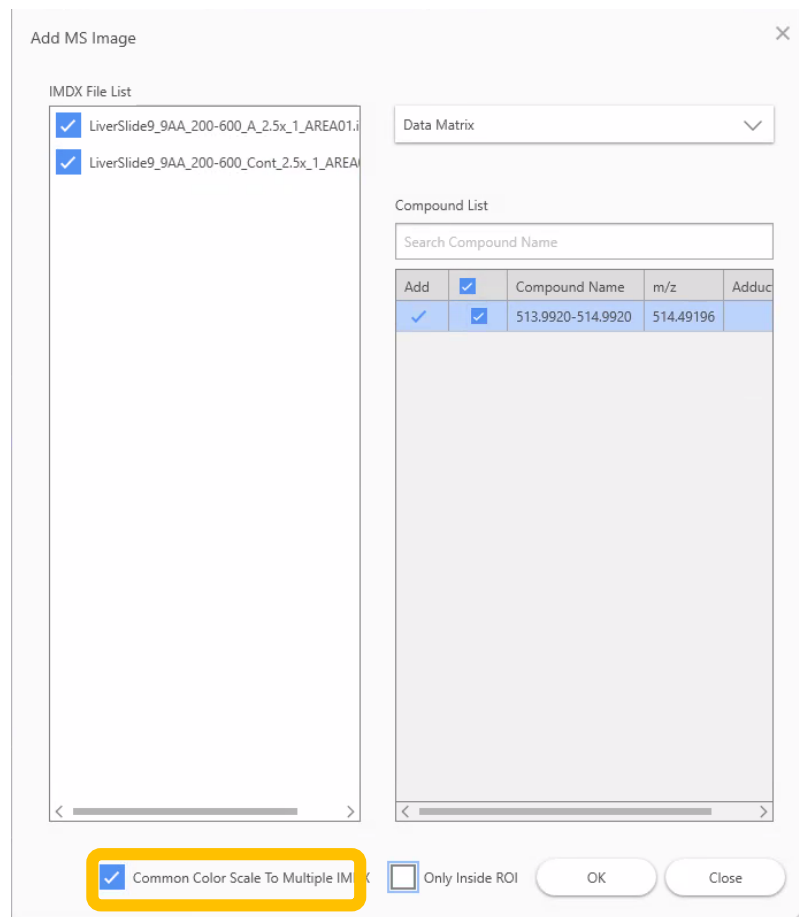
To use a common color bar
for multiple data

There are two ways to do this.

1. Create images with a common color bar
2. Make the color bars of selected images common.

Create images with a common
color bar

Select "Common color bar for multiple IMDX files" while in the "Add MS Image" mode.



Images will be added with a common color bar

The screenshot displays a software interface for mass spectrometry data analysis, divided into several panels:

- ROI List:** A table listing regions of interest (ROIs) with columns for No., Use, File Name, ROI Name, and Attribute.
- Data Matrix Table:** A table showing data points with columns for No., Use, Tag, Label, m/z, and PCA-Horiz.
- MS Image:** A large heatmap visualization of the data matrix, overlaid on a grayscale image of a sample. A color bar on the right indicates intensity levels. Metadata includes m/z: Tolerance (514.49196±0.5000), Compound Name/Comment (513.9920-514.9920), File Name (Liver_Slide9_9AA_200-600_Cont_2_5x_1_AREA01.imdx), and Type (Data Matrix).
- Graph:** A spectrum plot showing Intensity vs. m/z. The title is "Liver_Slide9_9AA_200-600". The x-axis ranges from 200 to 600 m/z, and the y-axis ranges from 0E+00 to 2E+06. Several peaks are labeled with their m/z values: 273.44015, 385.14354, 370.13863, 370.13863, 465.30221, and 465.30221.
- MS Image List:** A list of MS images, with one image (514.49196, 513.9920-514.9920) highlighted in a green box. The list includes columns for D..., File Name, and Sp.
- Analysis Parameters:** A table showing parameters for the analysis, such as TIC, Normalize, and Data Matrix Calculation.

No.	Use	File Name	ROI Na...	Attribute
1	✓	Liver_Slide...	All	Group A
2	✓	Liver_Slide...	All	Group A

No.	Use	Tag	Label	m/z	PCA-Horiz
			PCA-Horizontal Axis		
			PCA-Vertical Axis		
315	✓		513.9920-514.9920	514.4920	
31	✓		229.9920-230.9920	230.4920	
85	✓		283.9920-284.9920	284.4920	
30	✓		228.9920-229.9920	229.4920	
186	✓		384.9920-385.9920	385.4920	
316	✓		514.9920-515.9920	515.4920	
171	✓		369.9920-370.9920	370.4920	
32	✓		230.9920-231.9920	231.4920	
87	✓		285.9920-286.9920	286.4920	
72	✓		270.9920-271.9920	271.4920	

No.	Name	Value
1	Normalize	TIC
2	Normalize Reference Value Setting	Off
3	Normalize Minimum Threshold(%)	0
4	Normalize Calculation Method	Accumu
5	Data Matrix Analysis Method	Non-tar
6	m/z Range	199.9915
7	Tolerance/Bin Size (Da)	1.0000
8	Labeling	Off
9	Exclusion List	Off

Make the color bars of selected images common.

Select the images you want to make the color bar common.

2. Press the button that looks like a sun

1. Select multiple images.

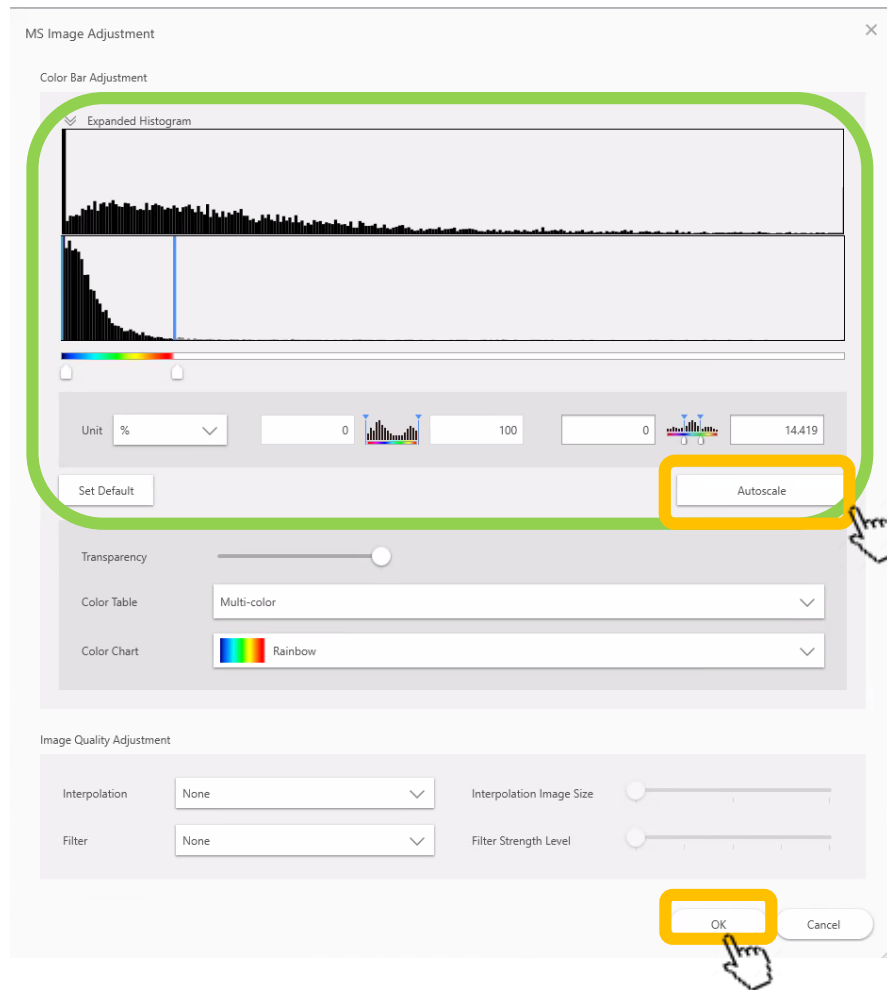
No.	Use	File Name	ROI Na...	Attribute
1	<input checked="" type="checkbox"/>	Liver_Slide...	All	Group A
2	<input checked="" type="checkbox"/>	Liver_Slide...	All	Group A

No.	Use	Tag	Label	m/z	PCA-Horiz...
			PCA-Horizontal Axis		
			PCA-Vertical Axis		
1	<input checked="" type="checkbox"/>		199.9920-200.9920	200.4920	
2	<input checked="" type="checkbox"/>		200.9920-201.9920	201.4920	
3	<input checked="" type="checkbox"/>		201.9920-202.9920	202.4920	
4	<input checked="" type="checkbox"/>		202.9920-203.9920	203.4920	
5	<input checked="" type="checkbox"/>		203.9920-204.9920	204.4920	
6	<input checked="" type="checkbox"/>		204.9920-205.9920	205.4920	
7	<input checked="" type="checkbox"/>		205.9920-206.9920	206.4920	
8	<input checked="" type="checkbox"/>		206.9920-207.9920	207.4920	
9	<input checked="" type="checkbox"/>		207.9920-208.9920	208.4920	
10	<input checked="" type="checkbox"/>		208.9920-209.9920	209.4920	

No.	Name	Value
1	Normalize	TIC
2	Normalize Reference Value Setting	Off
3	Normalize Minimum Threshold(%)	0
4	Normalize Calculation Method	Accumu
5	Data Matrix Analysis Method	Non-tar
6	m/z Range	199.991
7	Tolerance/Bin Size (Da)	1.0000
8	Labeling	Off
9	Exclusion List	Off
10	Threshold Setting	Off

D...	File Name	Sp
<input checked="" type="checkbox"/>	Liver_Slide9_...	Wh
<input type="checkbox"/>	Liver_Slide9_...	Wh
<input type="checkbox"/>	Liver_Slide9_...	Wh
<input type="checkbox"/>	Liver_Slide9_...	Wh

The "Color Bar Adjustment" that combines multiple data is displayed.



Press [Autoscale].

- Change the value if necessary.

A common color bar will be applied.

The screenshot displays a software interface for mass spectrometry data analysis, divided into several panels:

- File Panel:** Contains options for 'Add IMDX File', 'Image Registration', 'ROI Setting', 'Collectively Analyze', 'Data Matrix', 'Pre-processing Setting', 'Pre-processing', 'Data Matrix Setting', 'Data Matrix Calculation', and 'Differential Analysis'.
- ROI List:** A table with columns: No., Use, File Name, ROI Na..., Attribute. It lists two rows with 'Use' checked and 'Attribute' as 'Group A'.
- Data Matrix Table:** A table with columns: No., Use, Tag, Label, m/z, PCA-Horiz... It lists various m/z ranges and their corresponding PCA values.
- MS Image:** A large heatmap showing intensity distribution. A color bar on the right indicates the intensity scale. Metadata includes: m/z±Tolerance: 514.49196±0.5000, Compound Name/Comment: 513.9920-514.9920, File Name: Liver_Slide9_9AA_200-600_Cont_2_5x_1_AREA01.imdx, Type: Data Matrix, and a 'Copy Information' button.
- Graph:** A 'Spectrum' plot showing intensity vs. m/z. The title is 'Liver_Slide9_9AA_200-600'. The y-axis is 'Intensity' (0E+00 to 2E+06) and the x-axis is 'm/z' (200 to 600). Peaks are labeled with their m/z values: 273.44015, 311.101152, 370.13363, 385.14354, 465.30221, and 467.87.
- MS Image List:** A panel showing a list of MS images with a 'TIC' (Total Ion Chromatogram) plot below it.

If you want to return to the original settings, press [Reset to Default].

