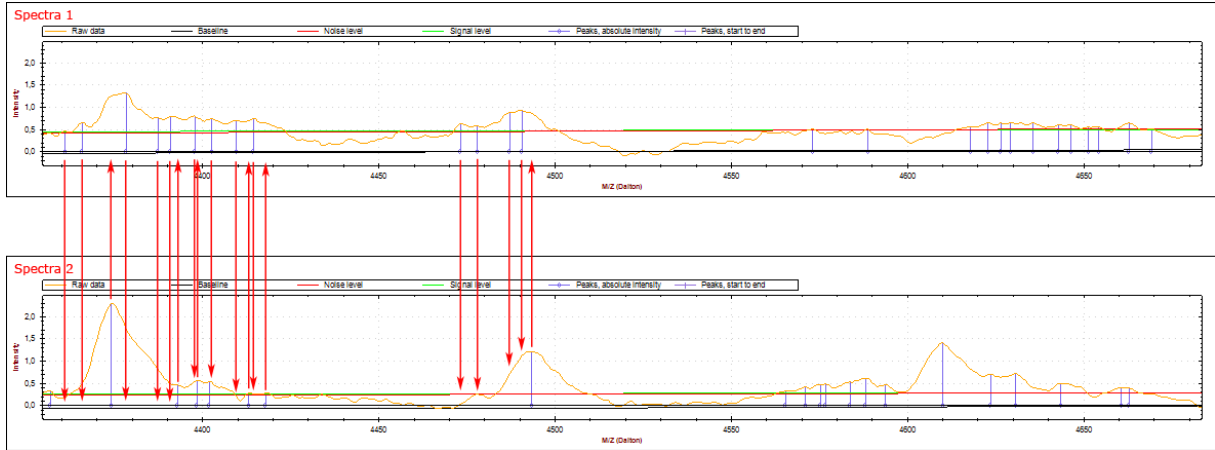


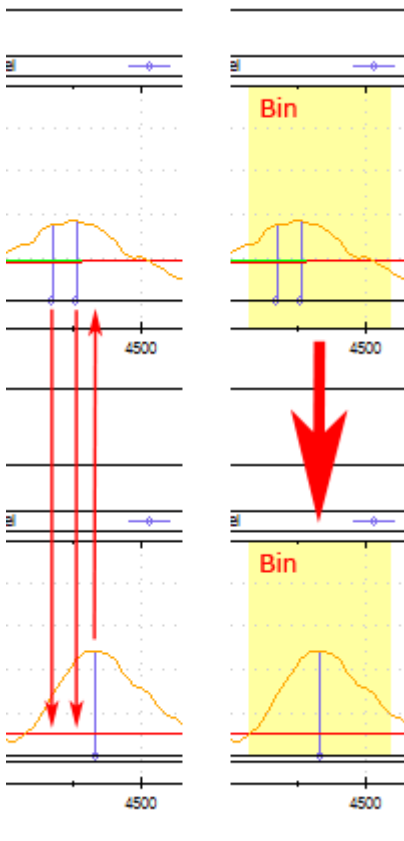
Binning: From Peaks to Bins

When peaks are extracted from unprocessed (raw) SELDI / MALDI spectra they have different Dalton values. Peaks from two different spectra that have peaks on different Dalton cannot be compared with each other.



So in order to be able to compare the peaks from two different spectra these peaks must be processed once more by a method called Binning. Binning creates Bins that are identical for all spectra. Peaks are then placed into such Bins and then these Bins can be compared with each other without a problem.

Just like it is shown in this picture below:

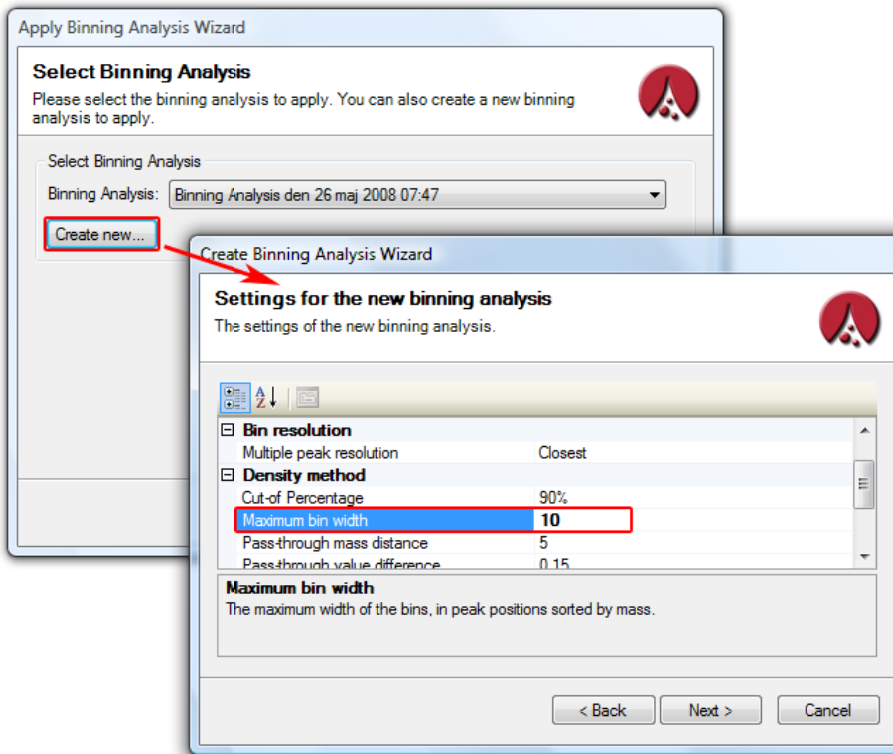


“Minimum Peak Width” parameter

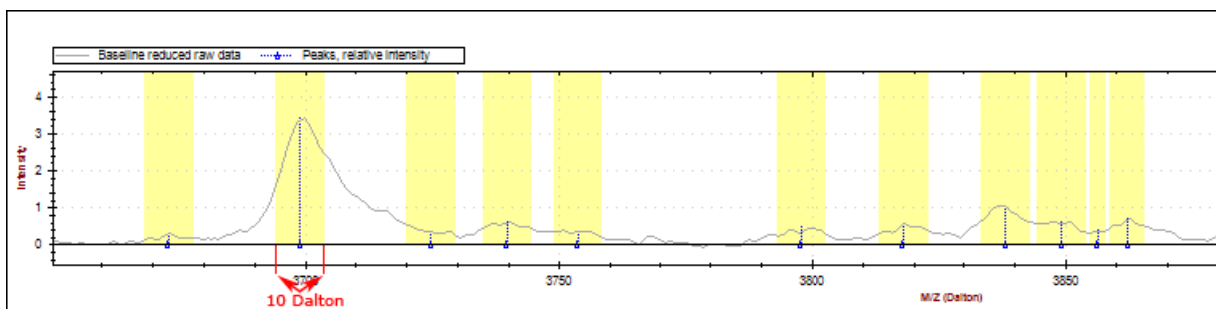
It is possible to change the width of a Bin using the parameter “Minimum Peak Width”.



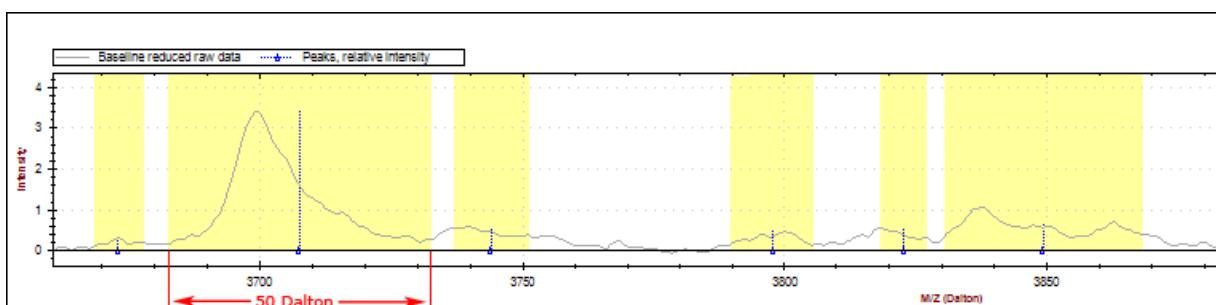
Start a new Binning analysis and select the “Create new” option. Then change the “Maximum bin width” to a Dalton value of your choosing.



If the “Maximum bin width” is set to 10, then no Bin will be allowed to be wider than 10 Dalton:



However, if the “Maximum bin width” is set to 50, then Bins will be larger than 10 Dalton, but no Bin will be allowed to be wider than 50 Dalton:





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