



Laura™

Radiochromatography Data
Collection and Analysis Software



v4.2.8.106



EXPERIENCE & EXPERTISE

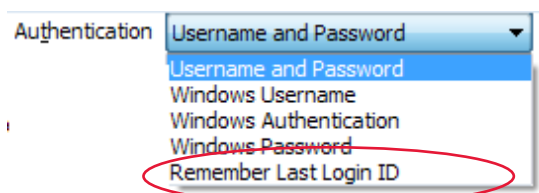
A new release of Laura v4.2.8.106 is now available

In this release functionality has been added for evaluation and data analysis, measurement control as well as general functionality for logging in and additional values when selecting a reference mask for measurements.

As always the full list of changes is available via the software release notes but here are a few of the more interesting additions and changes in this document.

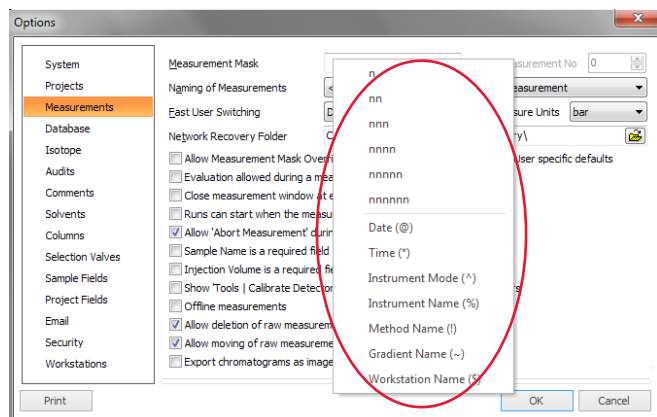
Remember last login

The functionality has been added for Laura to default to the last successfully logged in user to add convenience for the users if the site security rules allow such a function.



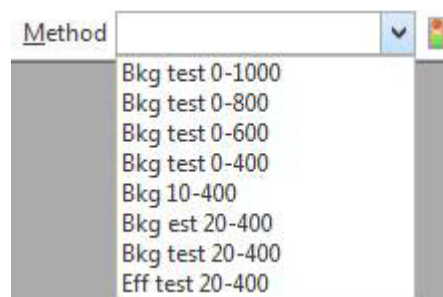
Adding a measurement reference mask

The functionality had been added to the measurement reference mask tool so that items such as measurement mode, method, gradient etc can be added to the mask profile.

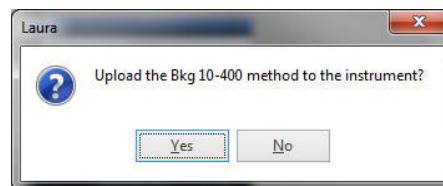


Select method

Functionality has been added so that methods can be selected from the instrument status view to apply initial conditions to stabilize the system ready for an upcoming sample injection.



Laura will then ask the user to confirm they want to upload this method to the instrument.



Laura will then set the detector and HPLC conditions suitable for this method.

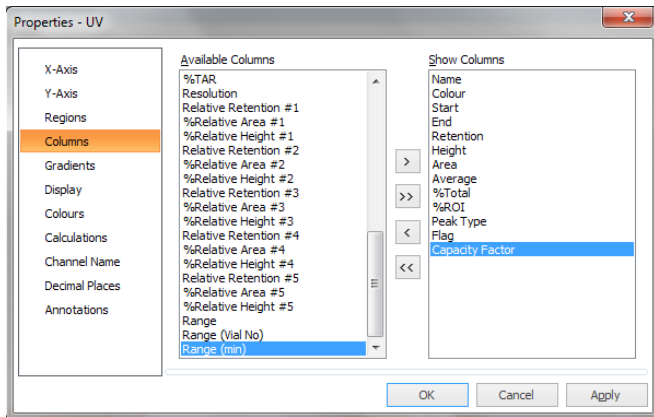
Updated Icon and Splash Screen



Data Evaluation

Report column capacity factor

The function to report column capacity factor has been made available for selection in the region table.

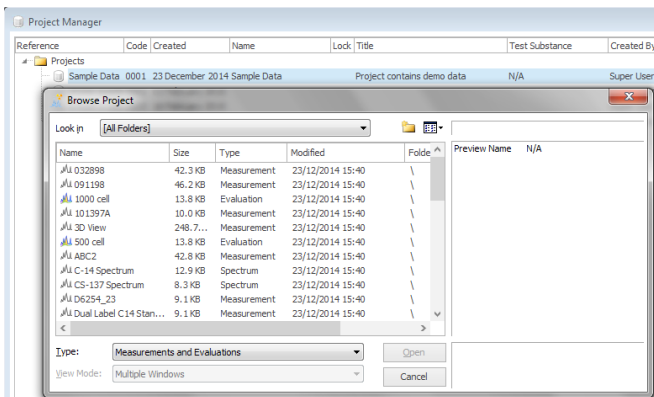


By selecting the function in the show columns list in view I properties the value is shown in the region table.

Capacity Factor
21.47

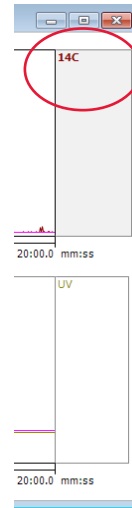
Browse measurement from the project manager tool (only available in database mode)

The function has been added so that users can browse the measurements within a project from the view I project manager utility.



More obvious "active tab"

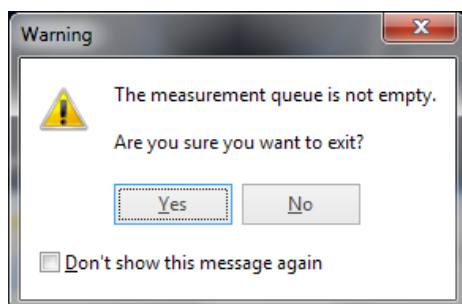
The colour of the active tab in the evaluation window has been enhanced to make the active tab more obvious to the user.



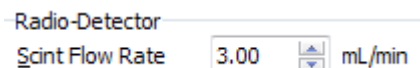
Measurement Control

Added warning when there are batches in the queue

An additional warning has been added to advise the user that there are items in the measurement queue when exiting the Laura application.

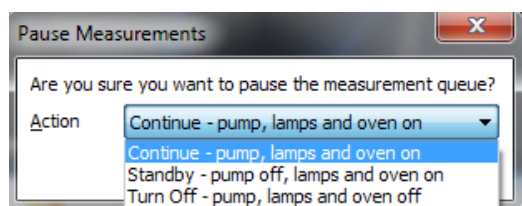


The functionality has now been added that when the measurement is started the scintillant pump on the Beta-RAM will start prior to the injection to eliminate any possible "spikes" due to the extra flow starting in the flow cell.



Pause measurement tool

The pause measurements function has been enhanced to give the user more options when pausing the measurement cycle.

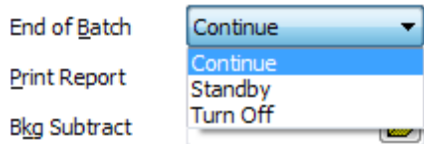


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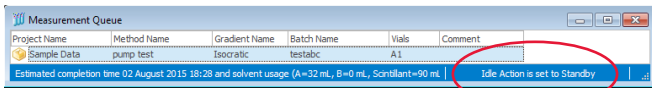
HPLC Control

Additional end of batch options

Additional options have been added to support the HPLC at the end of a batch.

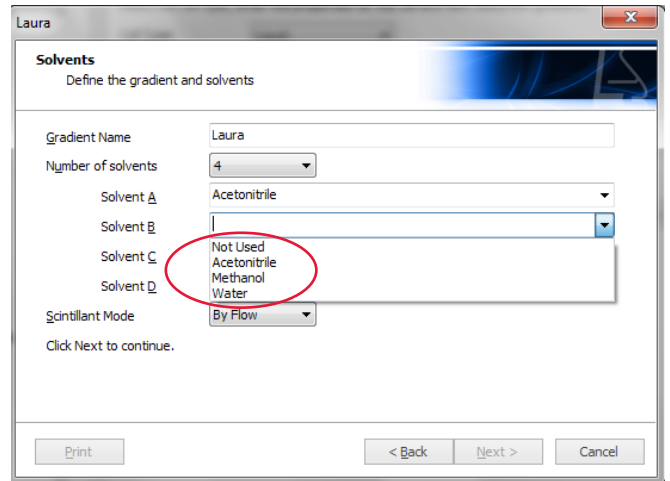


Additional information has been added to the measurement queue task bar to show the idle action status.



Added ability to enable binary solvent set up with quaternary pumps

The functionality has been added to select not used for solvent lines when using quaternary pumps to delivery 2 or 3 component solvent mixes.



Instrument Support

Added Instrument Support

We have implemented basic support for the Canberra DSA-LX MCA for use with the HPGe detector.



Added functionality to support control of the flow rate in real time for an isocratic pump set up for the Shimadzu Prominence and Nexera systems without LPGE.



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