Welcome to the next in the series of tutorial webinars designed to help you get the most out of Skyline mass spectrometry software.

We’ll begin shortly …

• **Webinar Audio:** Make sure you have audio during the webinar. Click Audio Settings in the lower left-hand corner of the screen:
  • Computer audio (preferred) – through your computer’s speakers or a headset
  • Phone call (US and International numbers available) By phone, use conference ID: 977 3811 3390

**Note: we currently have music playing which you should be able to hear.**

• Submit Skyline Questions: the Q&A form in Zoom to submit Skyline questions to the presenters
• Have logistic issues? Use the Chat applet in Zoom for report webinar software (Zoom) issues or other problems.
Using DIA Data To Create SRM Methods

With

Brendan MacLean (Principal Developer, Skyline)
Deanna Plubell (Targeted proteomics researcher)
Mark Belanger (Project Manager, Skyline)
Agenda

• Welcome 395+ registered, from the Skyline team!

• Using DIA Data To Create SRM Methods
  • Introduction with Brendan MacLean
  • Overview and Tutorial with Deanna Plubell
Supporting a Broader Hypothesis

- **RT Prediction**
- **Spectrum Prediction**
- **Unrefined Methods**
- **Literature**

**DIA**

**SRM**

**Quantitative Assay**

**Targeted Method Refinement**
Targeted Method Refinement

- Build Method
- Run Method
- Evaluate Results
- Refine

Skyline
Targeted Method Refinement

Build Method

Run Method

Evaluate Results

Refine:
1. Abundance
2. Measurability
3. Differentiation
4. Degradation
5. Digestion
6. Repeatability
7. Quantifiability
8. Scheduling
9. Optimization

etc.
Targeted Method Refinement

Refine:
1. Abundance
2. Measurability
3. Differentiation
4. Degradation
5. Digestion
6. Repeatability
7. Quantifiability
8. Scheduling
9. Optimization etc.

Build Method

Run Method

Evaluate Results

DIA
Deanna Plubell

• Overview

• Tutorial
Questions?

• Ask any questions at the Q&A form in Zoom:

• Take the post-webinar survey:

  https://skyline.ms/survey4webinar.url
Tutorial Webinar #22

This ends this Skyline Tutorial Webinar.

Please give us feedback on the webinar at the following survey:
https://skyline.ms/survey4webinar.url

A recording of today’s meeting will be available shortly at the Skyline website.

We look forward to seeing you at a future Skyline Tutorial Webinar.