Skyline Tutorial Webinar #22

Welcome to the next in the series of tutorial webinars designed to help you get the most out of Skyline mass spectrometry software.
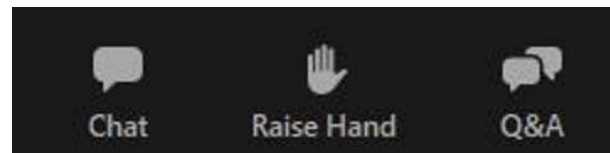
We'll begin shortly …

- *Webinar* **Audio:** <mark>Make sure you have audio during the webinar.</mark>
  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.

Skyline

Tutorial Webinar #22

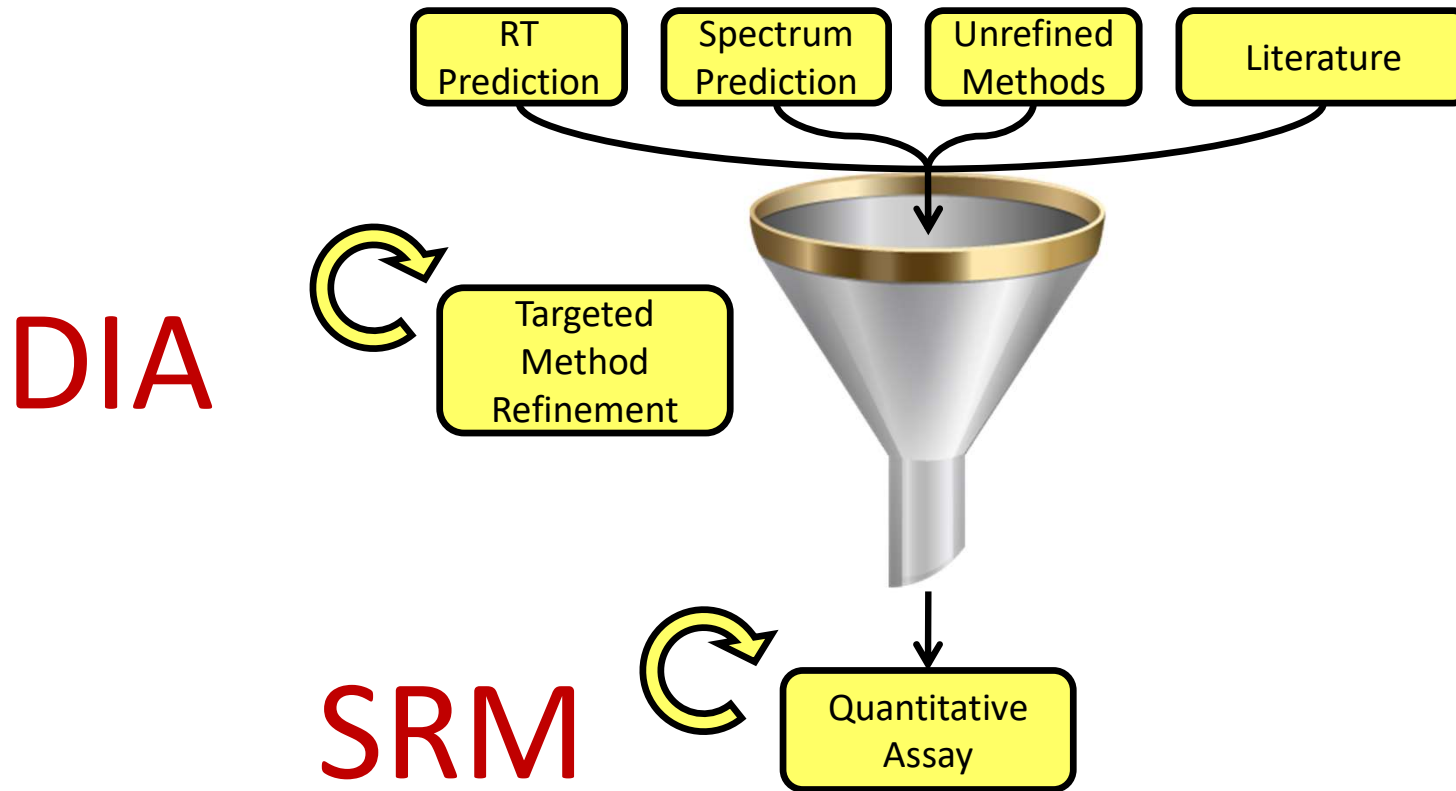# Using DIA Data To Create SRM Methods

With

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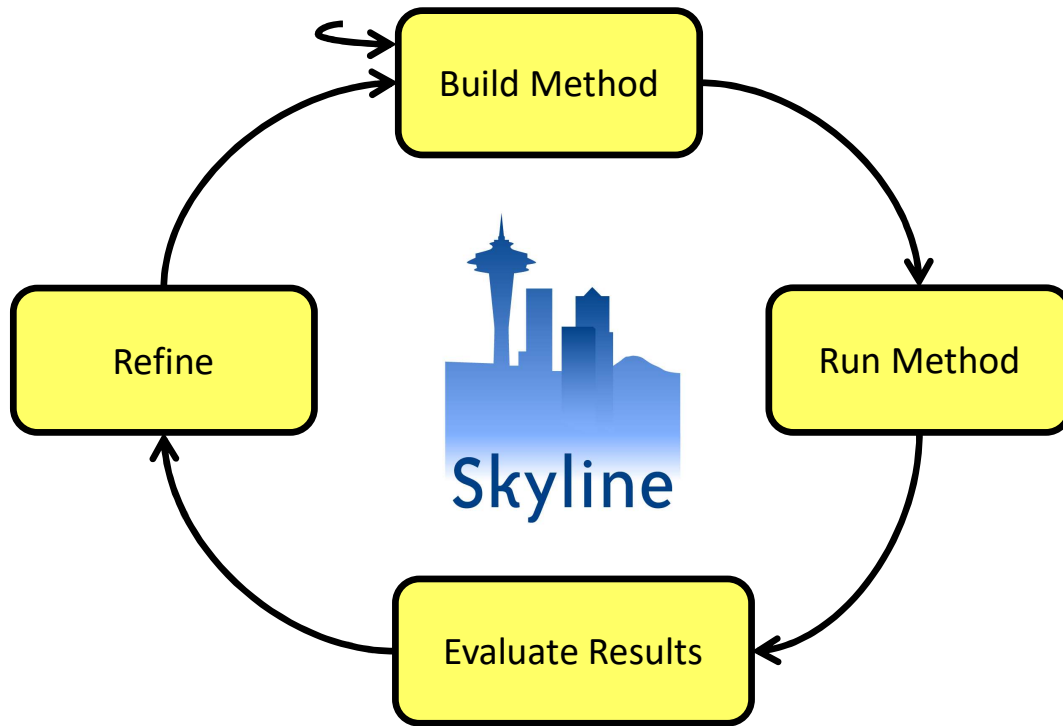Mark Belanger (Project Manager, Skyline)

Agenda

- Welcome 395+ registered, from the Skyline team!

- Using DIA Data To Create SRM Methods

  - Introduction with **Brendan MacLean**

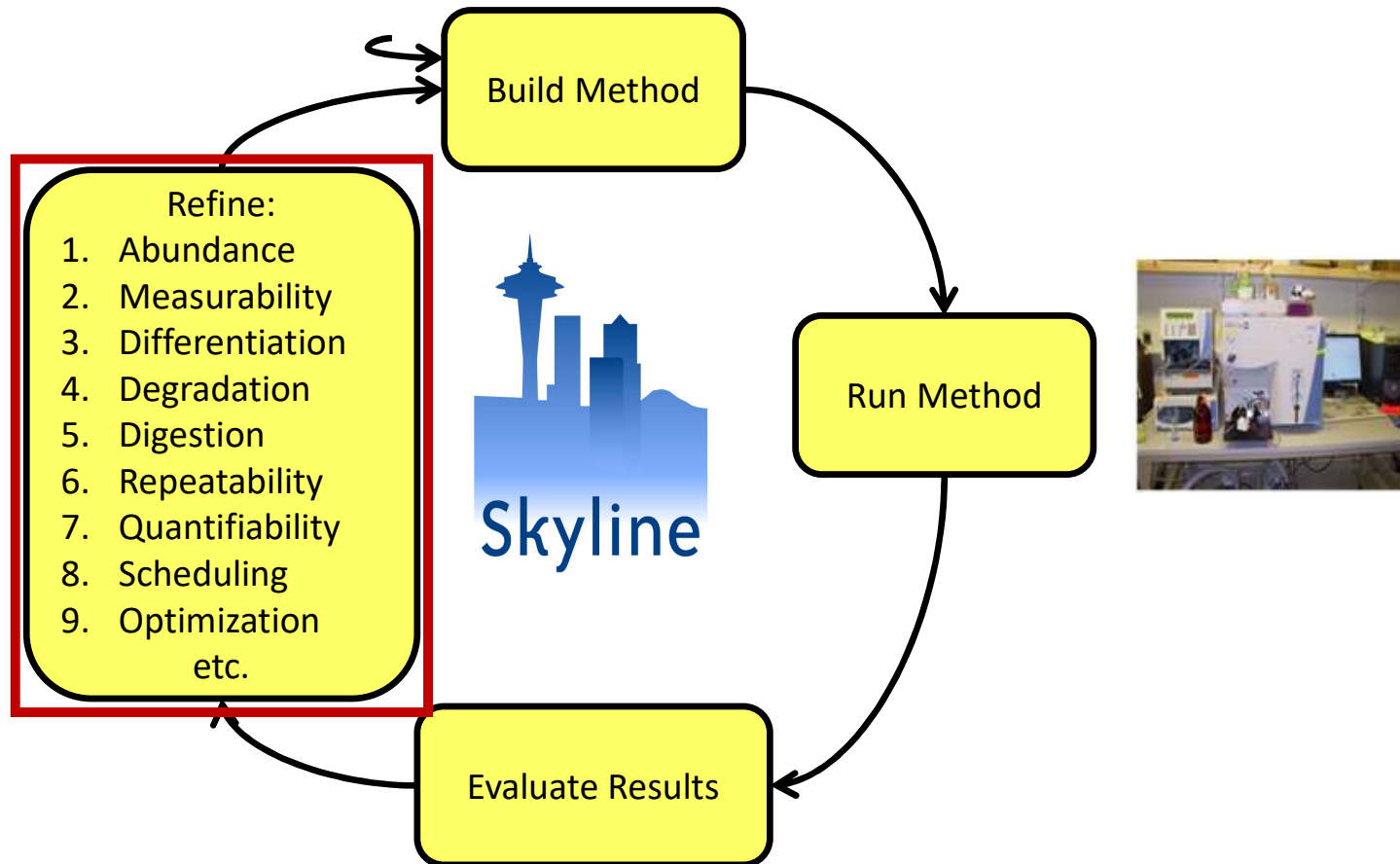 - Overview and Tutorial with **Deanna Plubell**

Supporting a Broader Hypothesis

RT Prediction

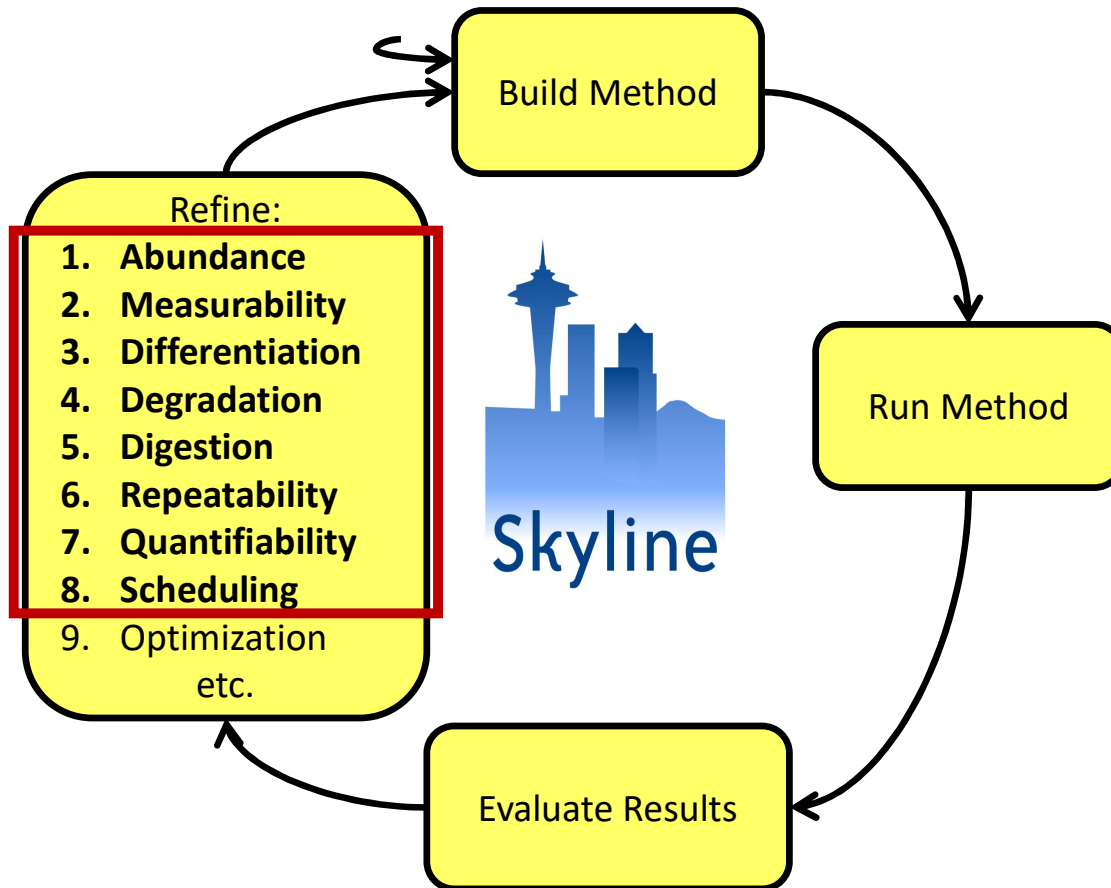Spectrum Prediction

Unrefined Methods

Literature

DIA

Targeted Method Refinement

SRM

Quantitative Assay

Targeted Method Refinement

Targeted Method Refinement

Targeted Method Refinement

DIA

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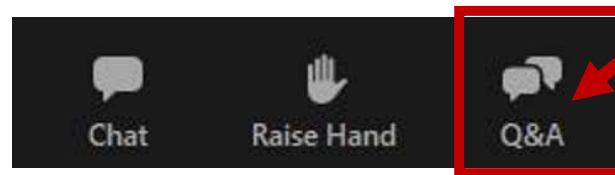   etc.

Build Method

Run Method

Evaluate Results

Skyline

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

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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.