1.9
Tune Overview

Std. Familiarization Time: 0:10:00

Approximate Video Time: 0:06:30

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Tune

Tune

- Optimizing instrument performance for a specific analysis

Types of Tune

- [Auto Tune]
- [Custom Tune]
- [Signal Monitor]

Auto Tune

- Usually, select [Auto Tune]
- When auto tune is complete, the result is saved in the batch

- Performing a Startup optimizes the hardware setting parameters; these provide the instrument's basic performance settings. In addition, performing an auto tune for each batch optimizes the parameters for the relevant acquisition

- [Auto Tune] cannot be selected for a batch that was created from a blank template

Custom Tune

- You can select each lens parameter to tune and then perform auto tune
- You can also adjust each tuning parameter manually by operating the slider or changing the value while you monitor the signal
- The result of manual tuning is saved in the batch

Signal Monitor

- You can monitor the signals
- While each tuning parameter can be changed, they are not save in the batch

Differences between Startup and Auto Tune

- Startup consists of some hardware settings and lens tune
- The purpose of Startup is to monitor the instrument status in a specific condition
- The Performance Report for Startup is important to monitor trends in instrument performance

Relationship between Hardware Settings and Auto Tune parameters

- Some hardware settings that were optimized in Startup will be also used in data acquisition

- When you use a preset method, Tune parameters for Auto Tune are acquired from the preset method. The optimized tune parameters are saved in the batch

- The standard lens tune parameters in Startup are not used for Auto Tune

Others

- Creating a tune report
- Tune in batch acquisition
- Vial settings when running tune
- For detailed custom tune operations and other special tunes, refer to “2.1 Custom Tune and Other Tunes” video