# Familiarizing Yourself with the Instrument Window

In the Instrument window, familiarize yourself with the drop-down menus in the Menu bar, the buttons in the Command toolbar, the buttons in the Integration Events toobar, and the shortcut menus that are accessed by right-clicking in a window.

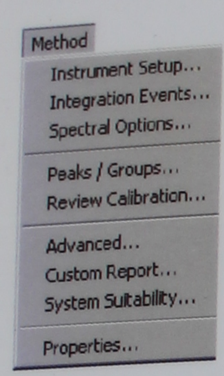
✓**Tip** If you cycle the power to the Surveyor AS, wait until the autosampler completes the initialization process before you open the Instrument window.

## Features of the Instrument Window

**Channel Selector**
Lists the discrete and multi-chromatogram wavelengths that are contained in the instrument setup section of the method, as well as the scan wavelength that is currently selected, and the spectrum max plot.

**Menu Bar**

**Drop-down Method Menu**

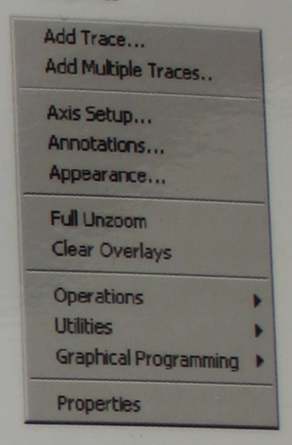



**Integration Events Toolbar**
Contains the Integration Events buttons.

**Title Bar**
The title bar for the Instrument window lists the instrument name, the method, the data file, the pretreatment method, and the project.

**Command Toolbar**
Contains shortcuts to the frequently used features of ChromQuest.

**Chromatogram Window Shortcut Menu**




**Status Bar**
Displays the status of the run, as well as instructions associated with the integration buttons.

## Command Toolbar Buttons

**Instrument Setup**
Displays the Instrument Setup window in which you enter the instrument control parameters, select auxiliary traces, enter the baseline check parameters, and select a type of trigger.

**Peak / Group Tables**
Displays the Peak and Group tables for the detector that is currently shown in the Channel Selector list box.

**Integration Events**
Displays the Integration Events table for the wavelength shown in the Channel Selector list box and the method shown in the Title Bar.

**Sequence Edit**
Displays the Sequence table.

**Sequence Process**
Displays the Sequence Process dialog box.

**Review Peak Calibration**
Displays the Calibration window.

**Edit Custom Report**
Displays the custom report for the active method.

**Analyze**
Integrates the current data file.

**Single Analysis / Calibration**
Allows you to apply new sample amounts to your unknowns and enter individual calibration levels into the peak table.

**Preview**
Allows you to preview the baseline.

**Single Run**
Displays the Single Run Acquisition dialog box.

**Sequence Run**
Displays the Sequence Run Acquisition dialog box.

**Display Run Queue**
Displays the status of the sequences and single runs that have been submitted.

**Stop Run**
Allows you to abort the current run, the current sequence, or all items in the run queue.

**Main Menu**
Displays the Main Menu window in which you perform administrative tasks.

**Instrument Wizard**
Displays the Instrument Wizard, which guides you through the creation of methods, sequences, and sample runs.

## The Method Menu

**Instrument Setup Window**
Allows you to do the following:

- Enter the control parameters for each of the modules in your instrument.
- Add an auxiliary trace to record the backpressure of your system during a run.
- Enter baseline check parameters if the Baseline Check option in the
- Configuration Options dialog box is selected.

Select a type of trigger.

**Integration Events Window**
Contains the integration table(s) for your method.

**Spectral Options Window**
Contains the following pages: Library, Purity, Spectrum, Multi-chromatogram, and Ratio.

**Peaks / Groups Window**
Contains the Peak table, which is used to identify and to quantitate peaks, and the Group tables, which are used to combine peaks into groups and to calculate group totals.

**Review Calibration Window**
Displays the calibration table, a graphical display of the calibration points, the calibration parameters, and the regression statistics for each named peak.

**Advanced Window**
Contains the following pages: Export, Custom Parameters, Column / Performance, Files, and Advanced Reports.

To calculate performance parameters such as capacity factor and resolution, enter your column parameters in the Column / Performance page.

**Custom Report Window**
Allows you to create a report for each data file.

**System Suitability Window**
Allows you to enter system suitability parameters for each named peak and to perform noise and drift tests for the discrete and multi-chromatogram wavelengths in your method.

**Properties Dialog Box**
Contains the following pages: Description, Options, Calibration, and Audit trail.

In the Calibration page, you can do the following:

- Select the Amount / Area or the Area / Amount *response factor definition*.
- Select or deselect the automatic averaging of standard replicates.
- Specify the number of standard replicates in the rolling average.