

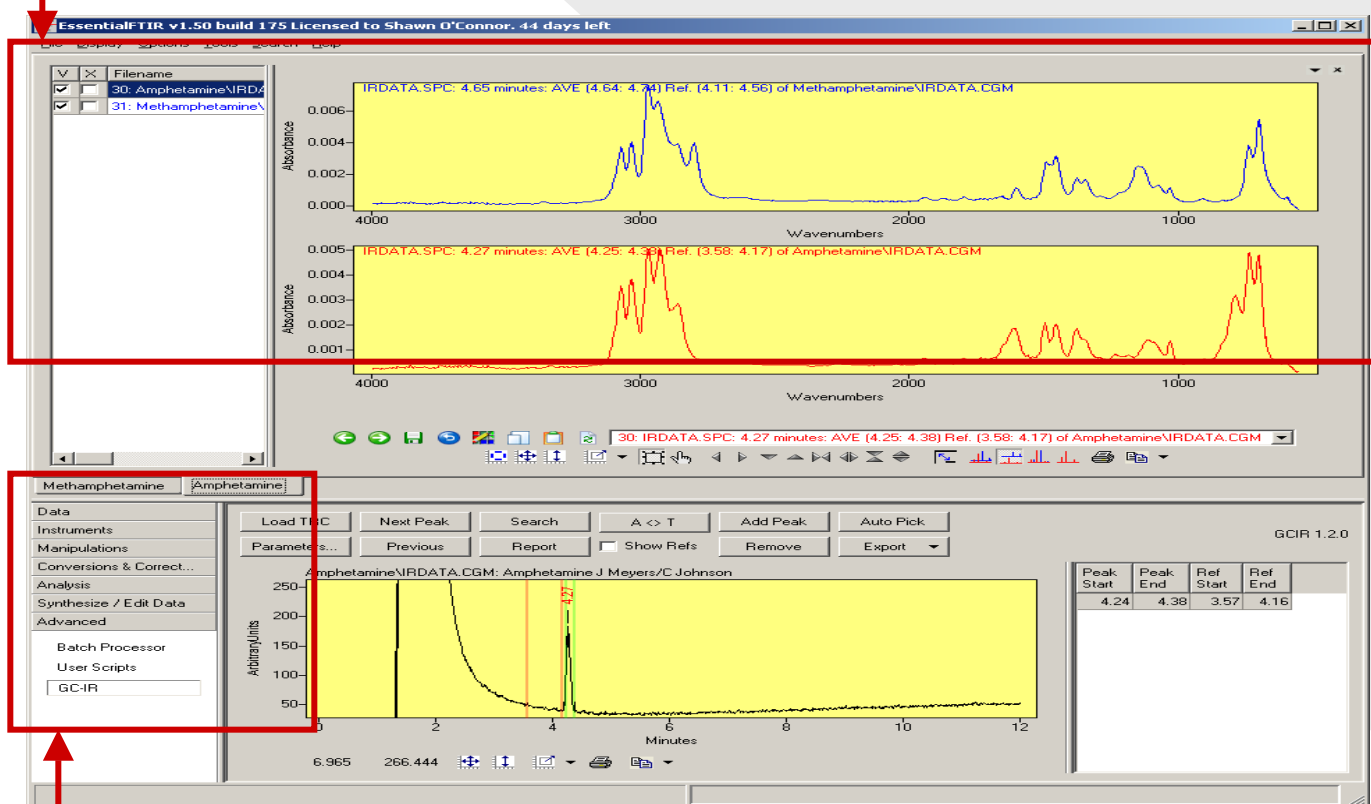
Solutions Serving Science

Essential FTIR Data Analysis Software

Essential FTIR Data Analysis Software helps to simplify the process of collecting and analyzing IRDI & II data. The software includes simple to use tab-based navigation and can be easily integrated with the current IRD Control Software. A broad range of data files and libraries can be used with Essential FTIR. This ability allows the customer to use previously constructed libraries and older data files to create and expand existing libraries.

Data Display

- Data can be displayed in full-screen mode for increased resolution
- Control over the display colors including the color of individual spectra in a window
- Overlay, stack and superimpose display modes for visual comparison of spectra
- Export spectral display to standard graphics file formats, including metafiles and jpegs



User Interface

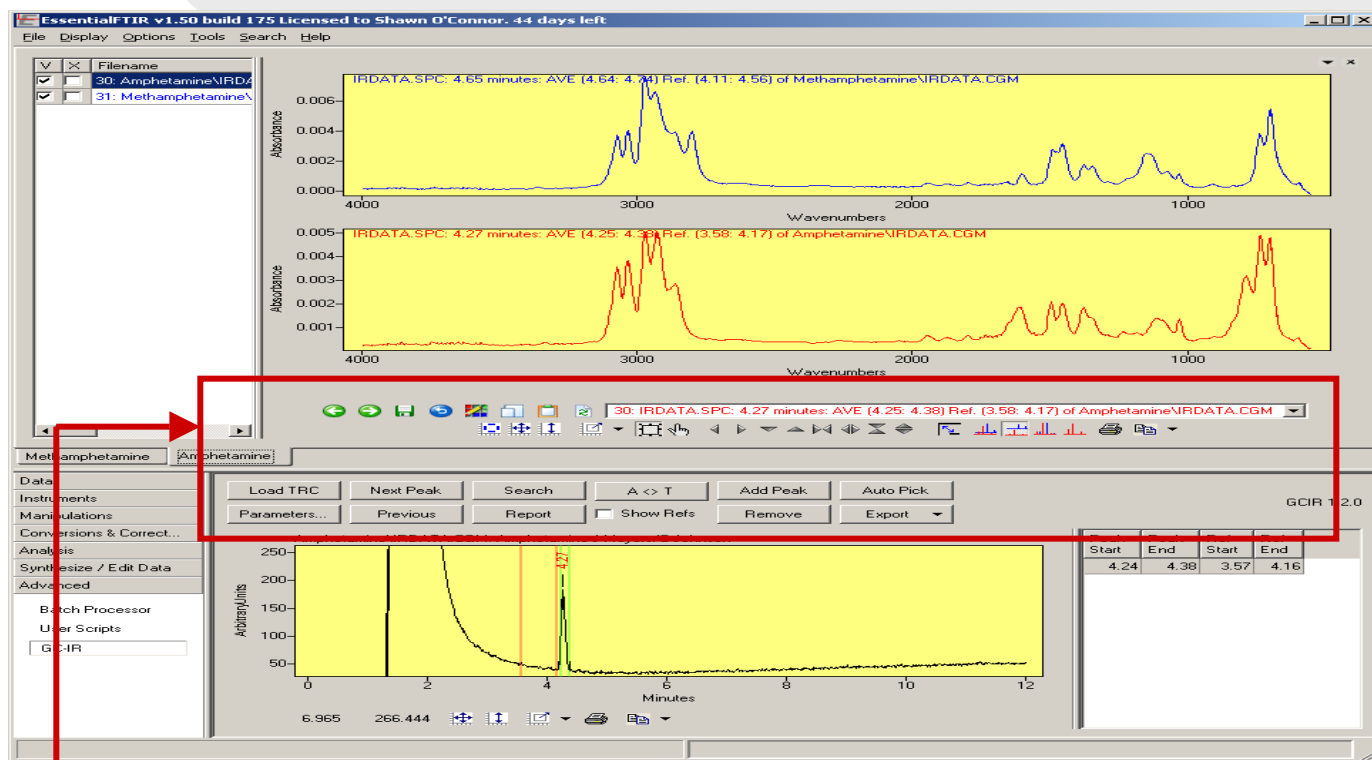
- Intuitive modeless tool-box based design increases productivity by minimizing navigation
- Tabbed Data workspaces help to organize work sessions
- Powerful batch processing capabilities allow users to easily create sequences of commands

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date founded: 1999

ASAP
Analytical Solutions
And Providers

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Essential FTIR Data Analysis Software



Report Generation

- Users can create sequences of processing steps without having to write any programming code.
- Reports are generated in .rtf (Rich Text File) format, which most word processors can read and write
- Tabulated results can be exported to Excel or clipboard
- Search is performed in the background, allowing the user to continue with other tasks

Spectral Manipulation

- Convert data between absorbance, transmittance and diffuse reflectance formats
- Zap Spectral Regions
- Manual Baseline Correction
- Automatic Baseline Correction
- 5 to 99 point smoothing, with Savitsky-Golay, moving average, Hannig and Hamming window method

Data Analysis

- Ability to handle multiple file formats for all IR spectral analysis in your lab.
- Compute integrated areas of spectral regions
- Peak picking automatically tabulates the peaks in a spectrum
- Signal to Noise can be computed over user defined limits
- Search unknown spectra against libraries of data

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