

Overlap Density Heatmap

A new patented technology for improved analysis of multiple spectra and chromatograms

Problems

- Can't see the forest through the trees; details of problems cloud view of situation as a whole
- Overlay, stacked, or offset spectra obliterate trends in large dataset

Solution

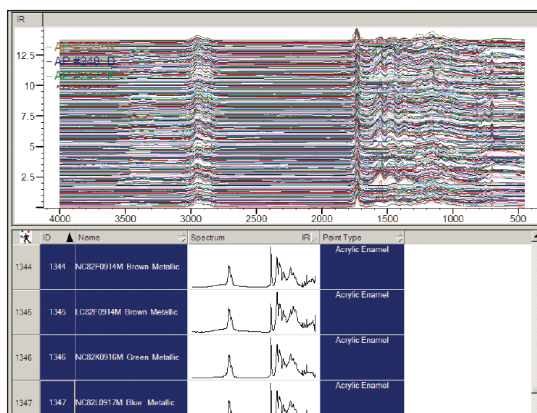
- Overlap Density Heatmaps (ODHs) offer unparalleled visualization of multiple spectra/chromatograms
- Identify trends in data quickly and visually with color-coded "Heatmap"
- Filter out noise and enhance data signal

Key Benefits

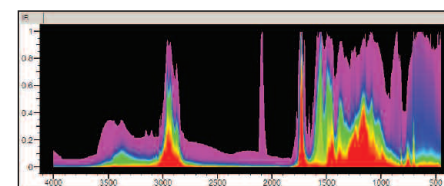
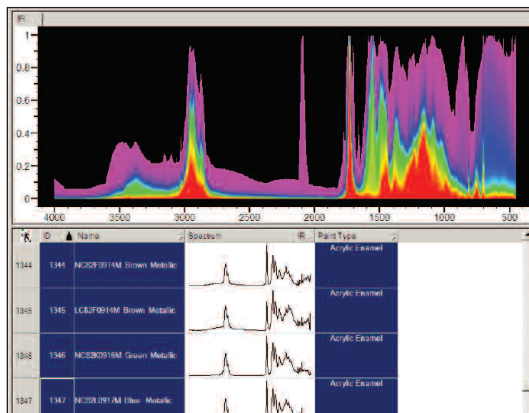
- Visual data mining and analysis tool
- Easily visualize common features in overlapped spectral chromatograms
- Color-coded to distinguish "similar" and "dissimilar" objects
- Choose display level

KnowItAll® Overlap Density Heatmap Workflow

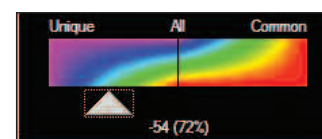
Multiple spectra are difficult to interpret.



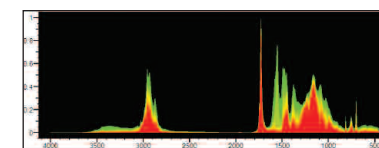
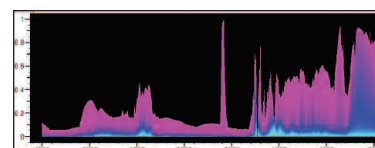
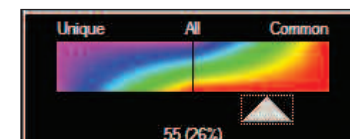
A single heatmap represents all spectra.



Dissimilar



Similar



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For more details, please visit
www.knowitall.com/ODH