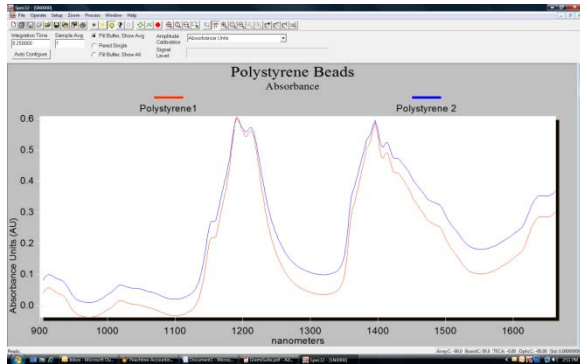
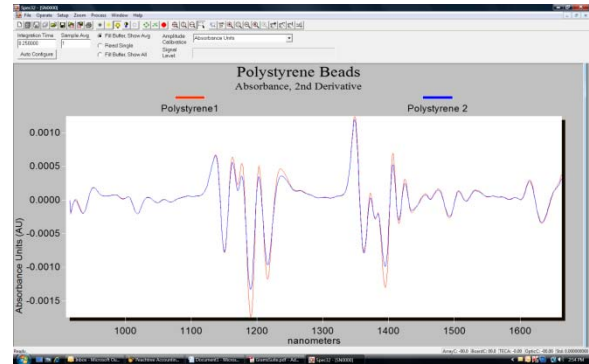


CDI Spec 32 Data Acquisition Software



Absorbance Spectra of Polystyrene Beads



2nd Derivative of the Absorbance Spectra

Key Features:

- Easy to use, intuitive
- Graph Data
 - ❖ Display up to 128 spectra
 - ❖ Display data in counts, transmission or absorbance units
- ❖ Load external file for radiometric calibration or use internal black body correction curve
- Trace Logging
 - ❖ Use system clock or file skip counter to generate time interval between saved files
- Save Data as ASCII, Binary or SPC format
- Create spreadsheet
 - ❖ In CDI ASCII Spectrum file (*.dat), generic single or double column ASCII or SPC formats
- Wavelength Interpolation
- Display X axis in nm or cm^{-1} (absolute or Raman shift)
- Auto Wavelength Calibration
- External Trigger Control
- External Lamp Control
- Detector temperature set point control
- Savitsky-Golay Processing
 - ❖ Smooth, first or second derivatives
- Peak Detection
- CIE Colorimetry functions
- Active X Control
- My Instrument interface for Grams/AI
 - ❖ Run spectrometer from Grams/AI
- Embedded IQ predict Module
 - ❖ Run real time predictions with calibrations built with Grams/AI