

Steps in NMR Data Processing

- Apply Window (Weighting) Function to FID
- Zero-Fill if Needed
- Fourier Transform
- Phase Correction
- Baseline Correction
- Reference: Set Exact Chemical Shift of Reference Peak
- Integration: Measure Relative Peak Areas, Normalize to a Peak with Known Number of Hydrogens
- Peak Picking: Label Each NMR Line with Its Chemical Shift in ppm or Hz
- Expansion: Horizontal Enlargement to Show Details
- Plot: Send Graphics to Printer