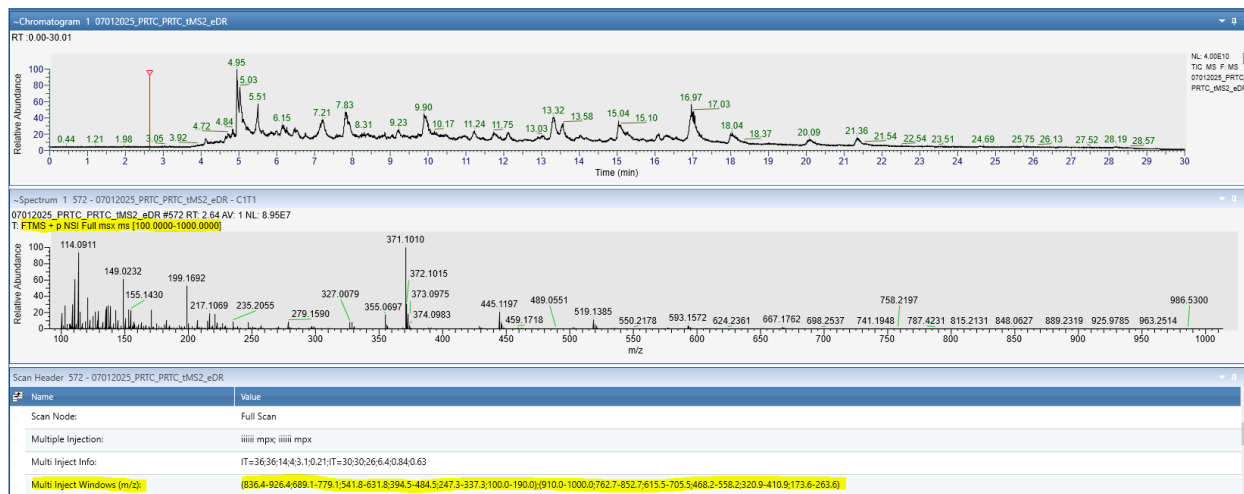


Screenshot from Freestyle



Screenshot from Orbitrap Astral Zoom website

<https://www.thermofisher.com/us/en/home/industrial/mass-spectrometry/liquid-chromatography-mass-spectrometry-lc-ms/lc-ms-systems/orbitrap-lc-ms/orbitrap-astral-zoom-mass-spectrometer/technology.html>

Enhanced dynamic range (eDR) mode

Significant improvements in Orbitrap analyzer dynamic range can be achieved with the enhanced dynamic range (eDR) mode on the Orbitrap Astral Zoom Mass Spectrometer. Customizable parameters allow for the selective filling of ions for Orbitrap analyzer full scans, increasing the signal-to-noise of peaks and providing panoramic spectra that can improve full MS-based data analysis or be paired with data-dependent acquisition experiments to provide more precursors for fragmentation.

