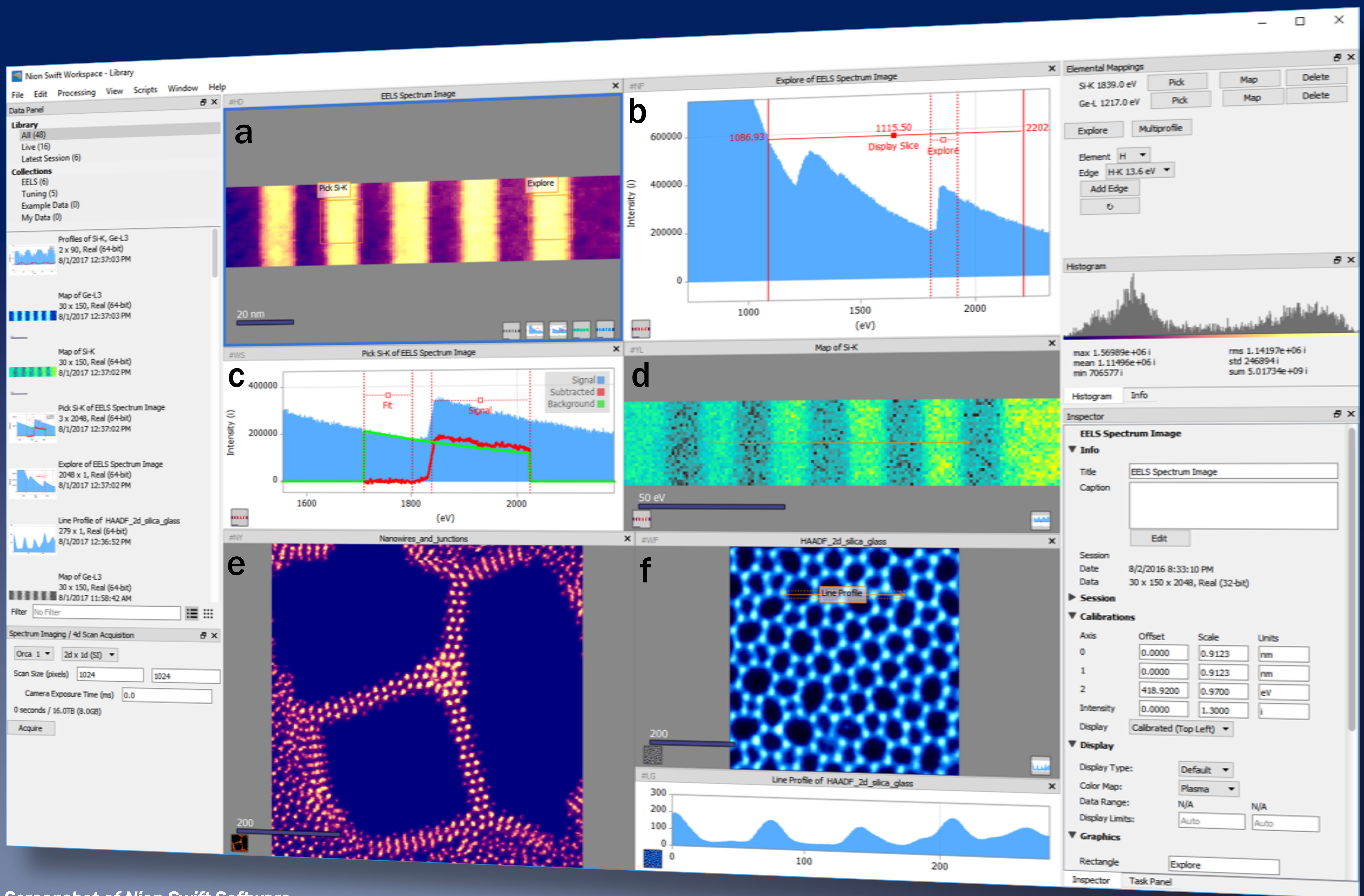


# Python-powered acquisition and analysis



Screenshot of Nion Swift Software.

a-d) EELS Spectrum image of MAG\*I\*CAL (a) with EELS Spectrum (b), fit of Si-K edge (c), used to generate EELS Map of Si (d), data courtesy Mike Kundmann, e-Metrikos.

e) Nanowires sculpted in MoS<sub>2</sub>, courtesy Junhao Lin, Juan-Carlos Idrobo, Sok Pantelides and Steve Pennycook, ORNL & UT.

f) HAADF imaging of 2D silica glass, Huang et al., Nano Letters 12 (2012) 1081.

- customizable, Python-based open source software
- optimized for 3D and 4D data acquisition and processing

nion

Swift Software