

Figure 1: Evolution of the oxygen atomic concentration as a function of sputtering time. The inserted lines serve as guides to eyes.

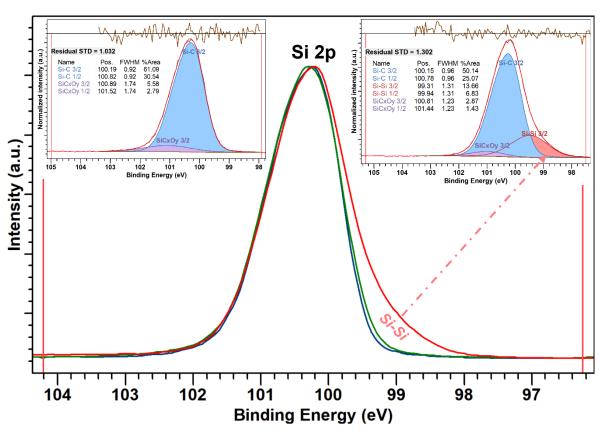


Figure 2: Overlay of the Si 2p detailed spectra after 5 minutes of sputtering with various GCIB recipes. The top left is the reference spectrum while the top right highlights the Si-Si region for 10kV 30nA. The center is the overlay of all recipes.