

SI Fig.2. Showing the overall 2nd ion signal of the $^{18}\text{O}^-$, $^{16}\text{O}^-$, $^{18}\text{O}^-+^{16}\text{O}^-$ and selected cation species LaO_2^- , NbO_3^- , and SbO^- species; the data is obtained by summing the signal in the depth region highlighted in figure 1a and then normalized to the total counts

