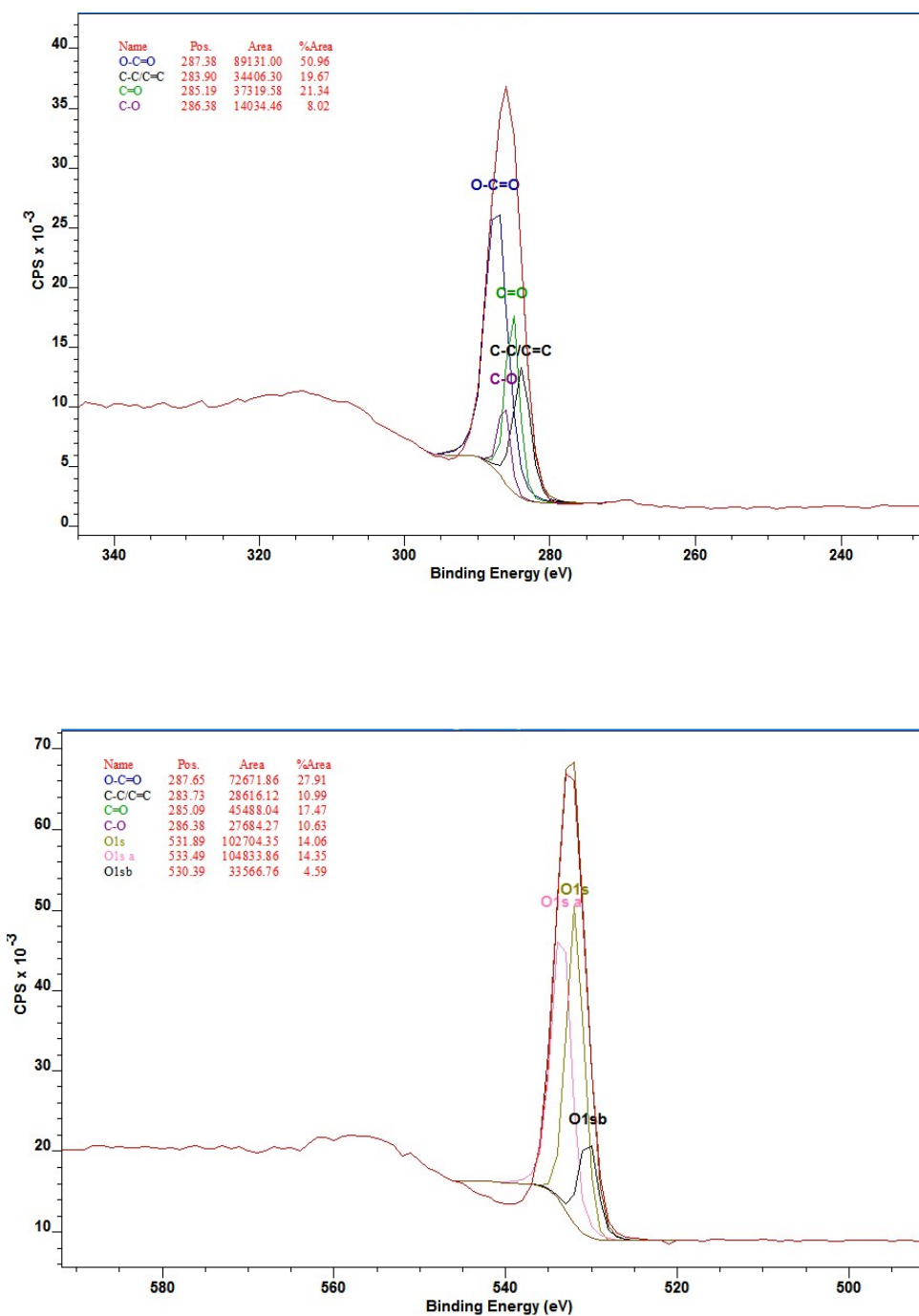


Supplementary Figure (S1):



Supplementary Figure (S1) a) XPS of C1s of GO and the inset is the percentages of each deconvoluted peak regardless oxygen showing a ratio 1:4 between C=C/C-C peak and the other oxygenated peaks. B) XPS of O1s of GO and the inset is the total percentage of each peak.