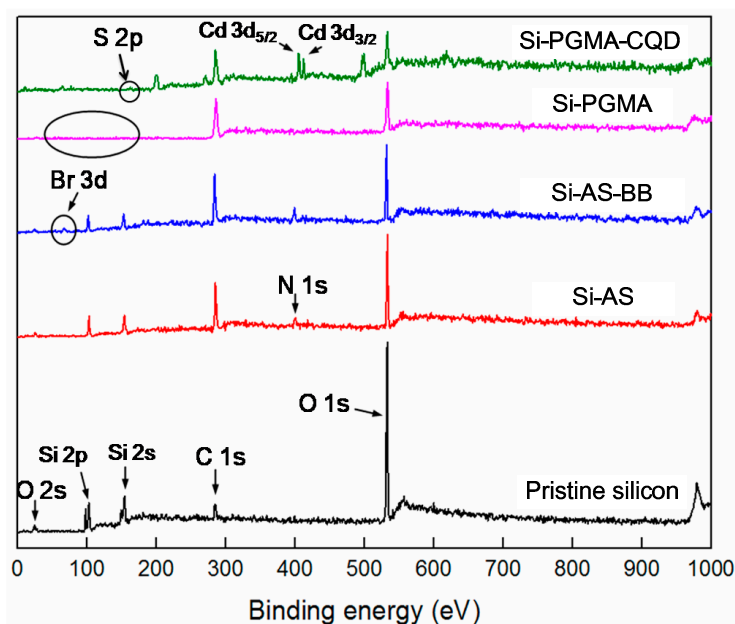
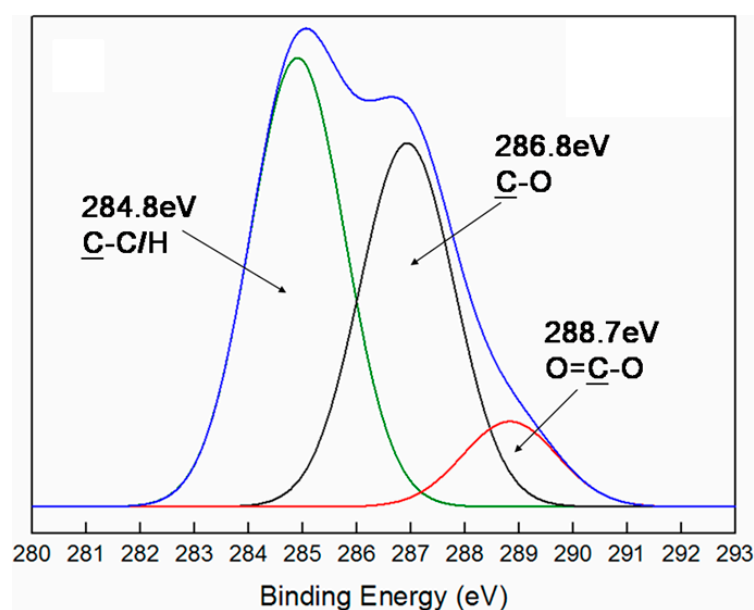


Figure S1: (a) XPS survey spectrum of a surface presenting pristine silicon, Si-AS, Si-AS-BB, Si-PGMA and Si-PGMA-CQD. (b) XPS C 1s core level spectrum of the Si-PGMA-CQD. XPS (c) Cd 3d and (d) S 2p core level spectra of the Si-PGMA-CQD functionalized surface.

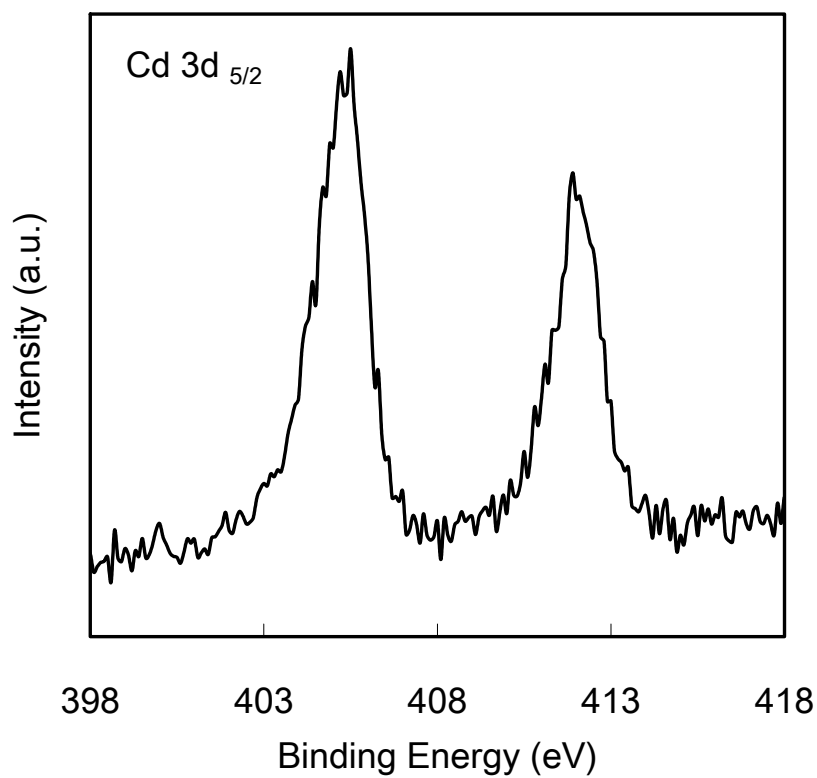
(a)



(b)



(c)



(d)

