

**Figure 1.** TPD profile of mass 97 measured after photolysis at 254 nm (red), and 206 nm (green) at 10.12 eV photoionization. Average spectrum (blue) measured at photoionization energy of 10.01 eV after photolysis at 206 nm.



**Figure 2.** TPD profile of mass 97 measured after photolysis at 254 nm (red), and 206 nm (green) at 10.12 eV photoionization. Blue and black color spectra measured at photoionization energy of 10.01 eV (blue) after photolysis at 206 nm.