Supplementary data

Development of a Gas-Cylinder-Free Plasma Desorption/Ionization System for On-Site Detection of Chemical Warfare Agents

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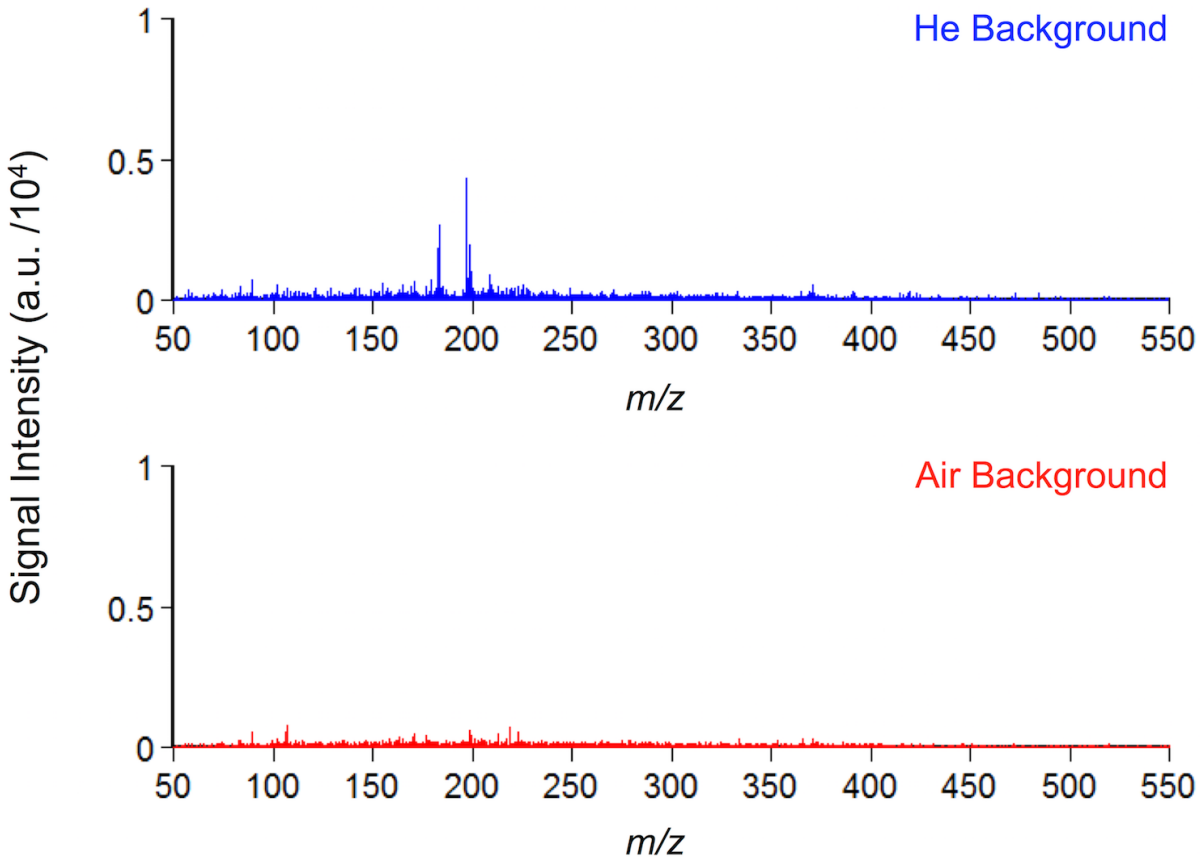

Fig. S-1. Background mass spectra of helium and air plasmas. The gas was directly irradiated to the edge of Teflon rod in the absence of a sample. Auto-instrumental tuning was set to the target ion of VX (m/z = 268).

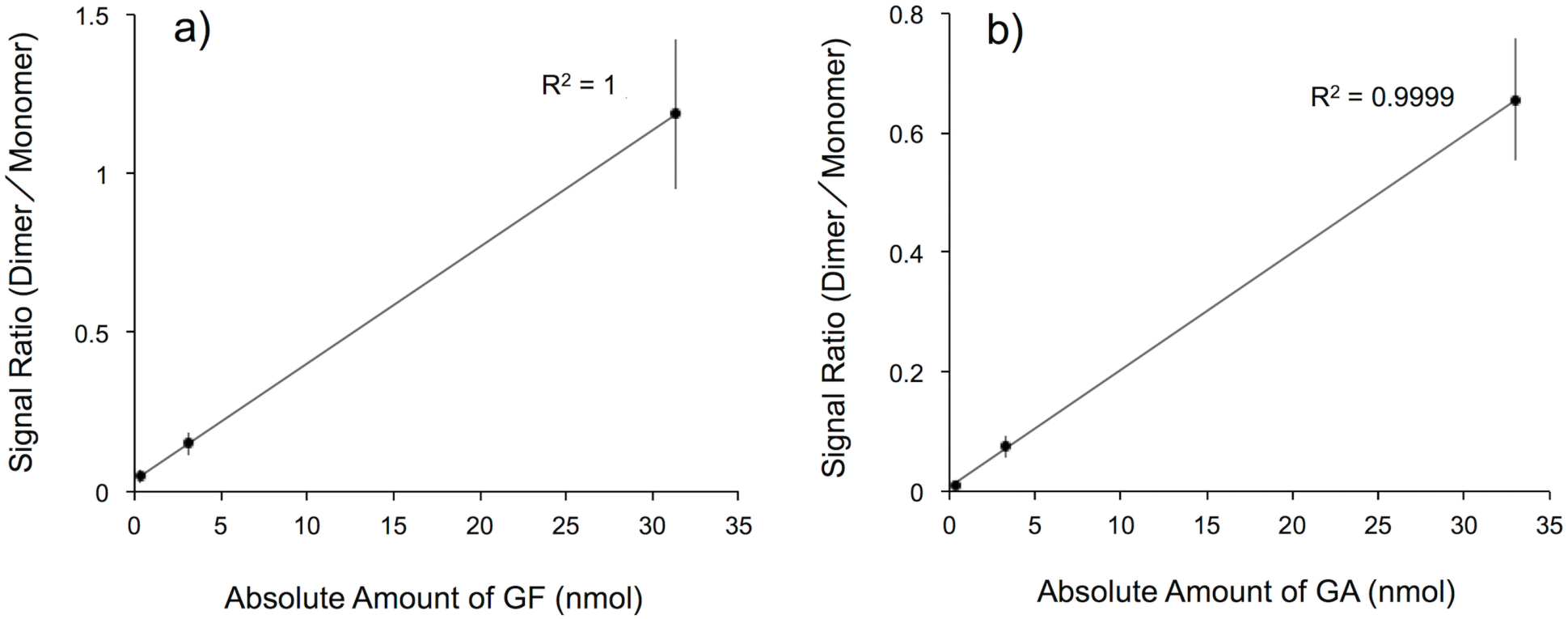

Fig. S-2. The relationship between the absolute amount of the CWA and the dimer/monomer signal ratio for (a) GF and (b) GA.