Supporting Information for: Open port sampling interface mass spectrometry of wipe-based explosives, oxidizers, and narcotics for trace contraband detection

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Figure S1. Representative OPSI-MS mass spectra of wipe-based samples: (A) TNT, (B) RDX, (C) potassium chlorate, (D) sodium nitrate, (E) cocaine, and (F) Jim Shockey’s Gold black powder substitute propellant. Abbreviations: acetate (CH\textsubscript{3}COO\textsuperscript{-}): OAc\textsuperscript{-}, acetonitrile (CH\textsubscript{3}CN): MeCN, oxalic acid: OA, threonic acid: TA.
Figure S2. OPSI-MS response curves for wipe-based and solution-based samples of (A) TNT: m/z 226 [TNT-H]^−, (B) RDX: m/z 281 [RDX+OAc]^−, (C) potassium chlorate: m/z 83 ClO₃^−, (D) sodium nitrate: m/z 62 NO₃^−, and (E) cocaine: m/z 304 [cocaine+H]^+. 
Figure S3. Representative extracted ion chronogram profiles of replicate 1000 ng wipe-based samples of (A) PETN: m/z 375 [M+OAc] and (B) potassium perchlorate: m/z 99 ClO$_4$· (C) Total ion current (TIC) chronogram (m/z 60 – m/z 400) for replicate 100 ng wipe-based samples of Jim Shockey’s Gold black powder substitute.