

Application of Surface Enhanced Raman Scattering to the Solution Based Detection of a Popular Legal High, 5,6-methylenedioxy-2-aminoindane (MDAI)

Samuel Mabbott^{1,2}, Omar Alharbi¹, Kate Groves¹ and Royston Goodacre¹

¹Manchester Institute of Biotechnology, School of Chemistry, The University of Manchester, Manchester, M1 7DN

²Centre for Molecular Nanometrology, Department of Pure and Applied Chemistry, University of Strathclyde, 295 Cathedral Street, Glasgow, G1 1XL

Supplementary Information

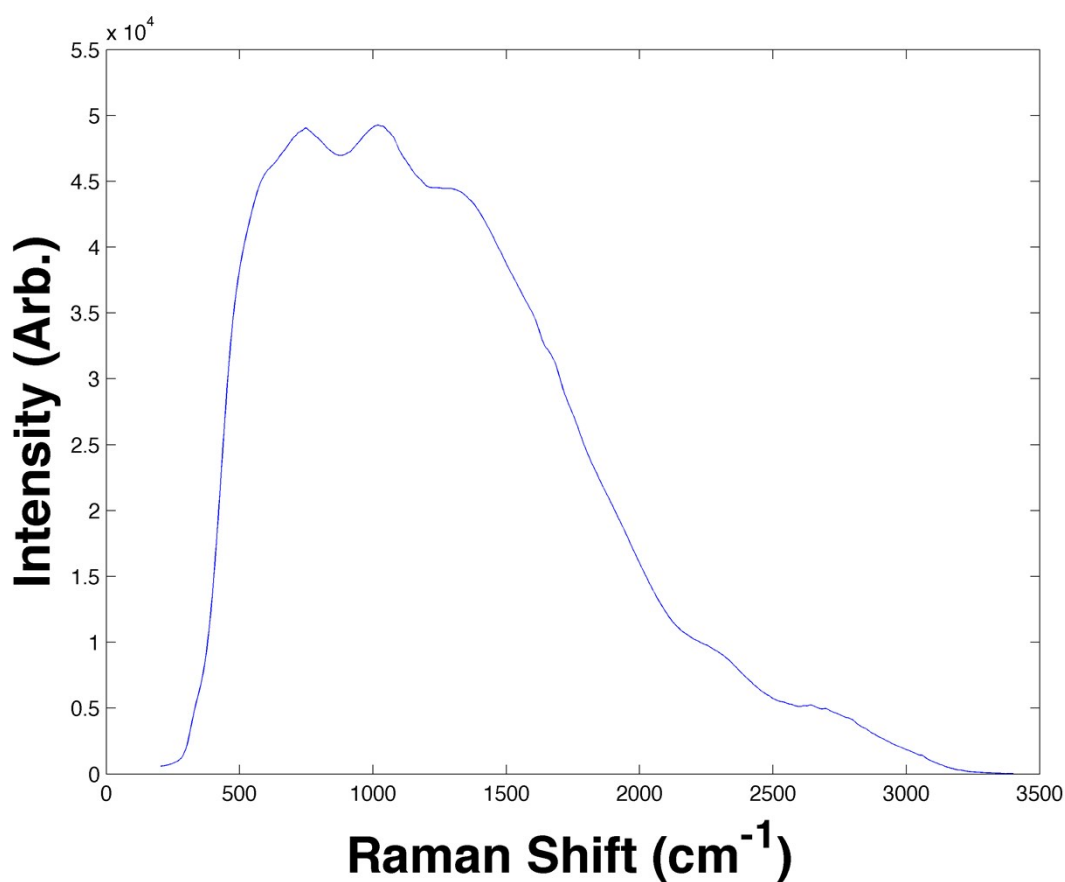


Figure S1 Raman spectrum of Pure MDAI powder taken using the DeltaNu Advantage benchtop Raman spectrometer (633 nm, 3 mW laser power)

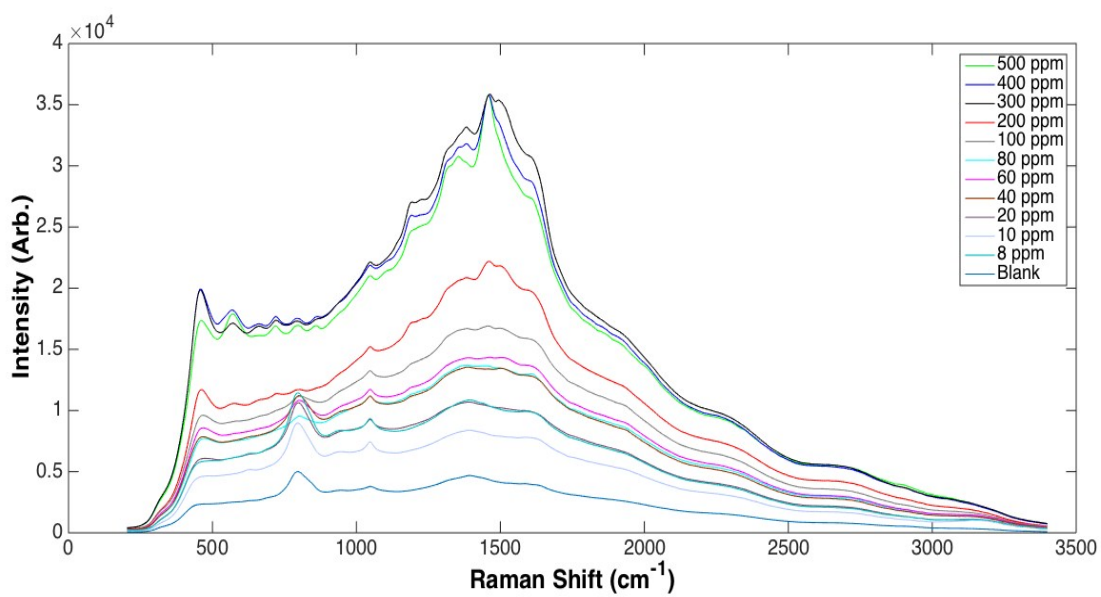


Figure S2 Mean SERS spectra of MDAI at concentrations ranging from 500 ppm down to 8 ppm (also including blank, with no MDAI present).