

Supporting Information

Quantification of Trace Iodine Using Laser-Induced Breakdown Spectroscopy for Real-Time Monitoring of Off-Gas Streams

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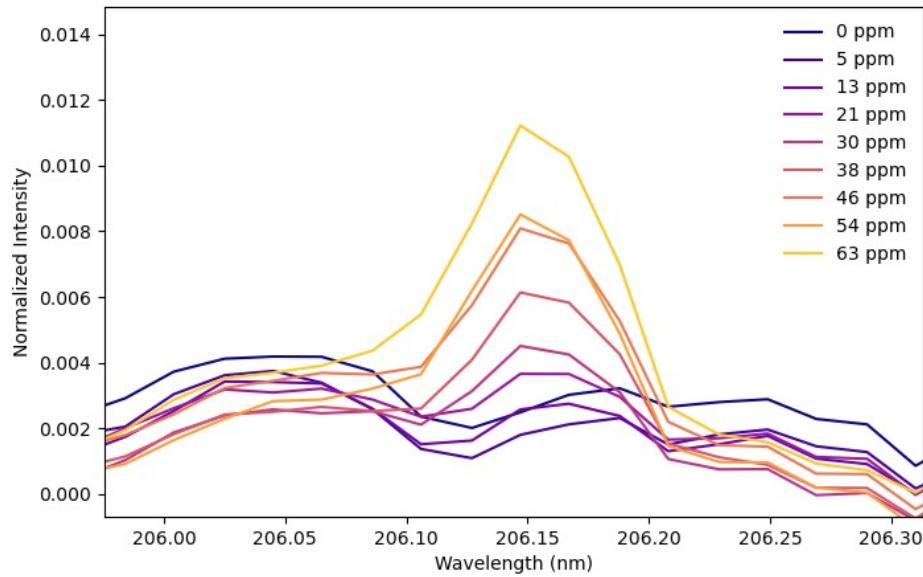


Figure S1. LIBS spectra showing the iodine 206.16 nm peak in a helium bulk gas.

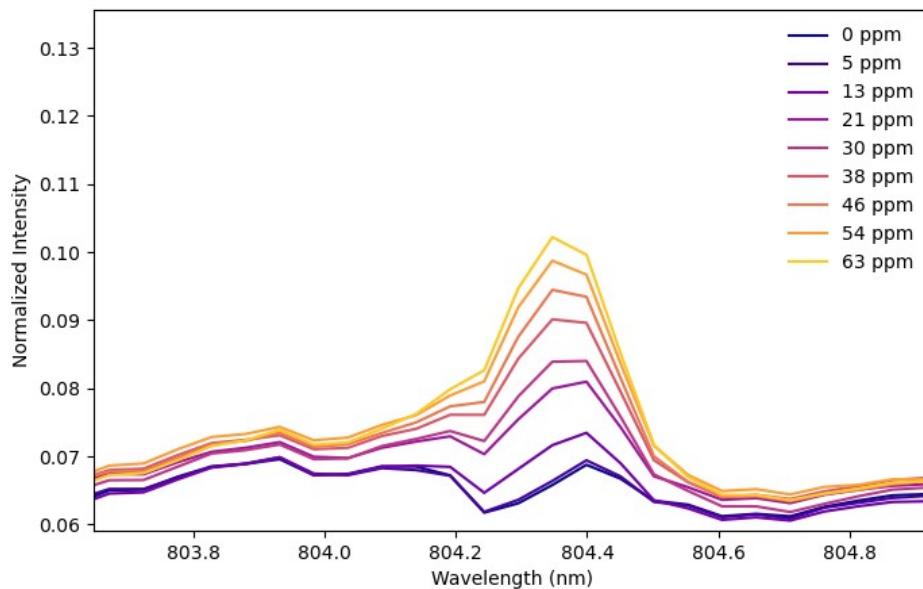


Figure S2. LIBS spectra showing the iodine 804.37 nm peak in a helium bulk gas.

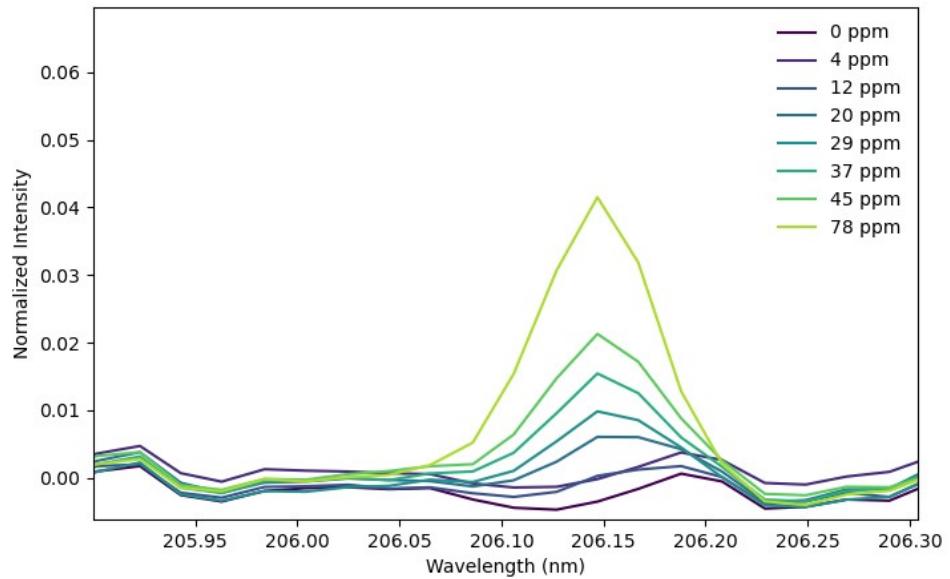


Figure S3. LIBS spectra showing the iodine 206.16 nm peak in an argon bulk gas.

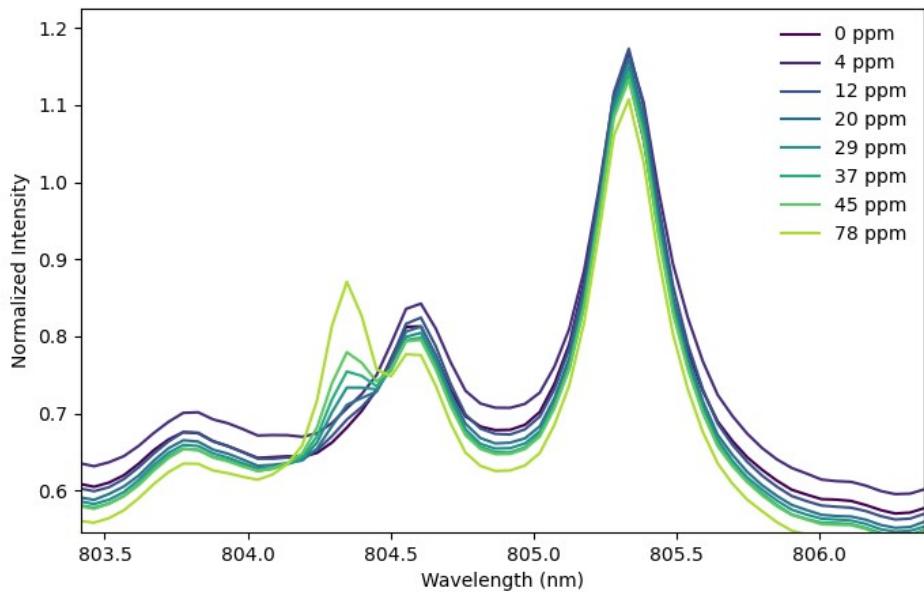


Figure S4. LIBS spectra showing the iodine 804.37 nm peak in an argon bulk gas. The other spectral features shown here correspond to the argon emissions.

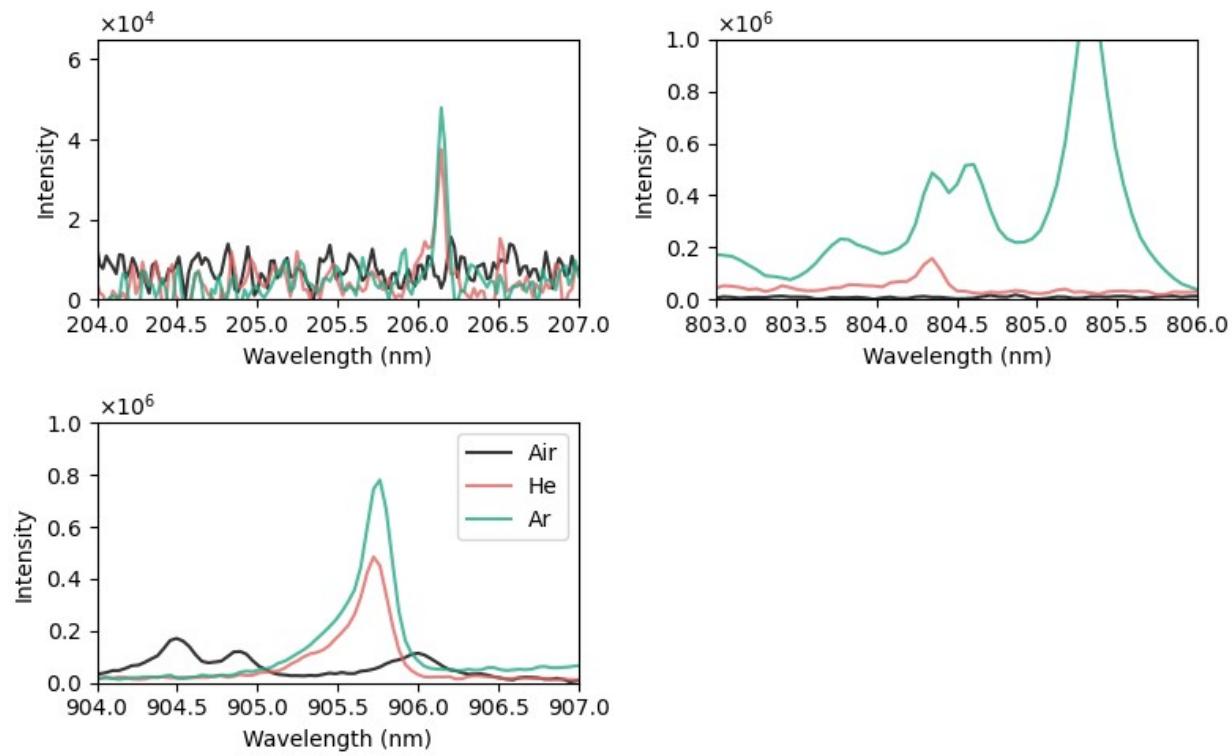


Figure S5. Overlaid spectra of nominally 80 ppm iodine in (black) air, (red) helium, and (green) argon.