

Supplemental Information for Publication

Helium Conservation by Discontinuous Introduction in the Flowing Atmospheric-
Pressure Afterglow Source for Ambient Desorption-Ionization Mass Spectrometry

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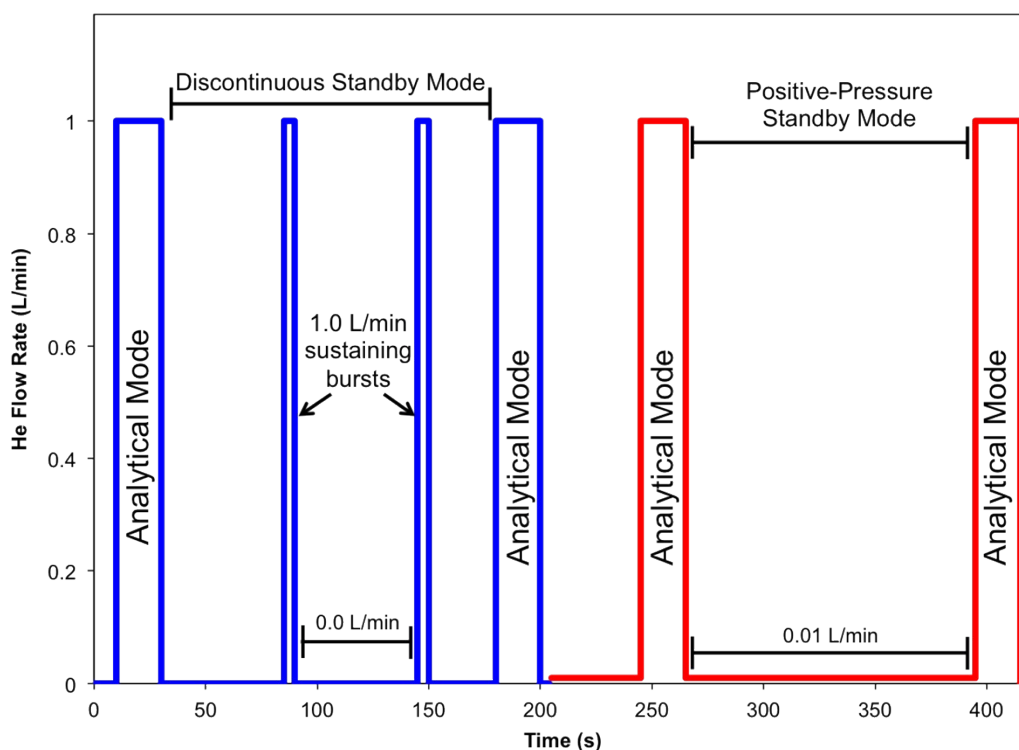


Figure S1: Operation of discontinuous standby mode, positive pressure standby mode and analytical modes of operation for helium conservation with the flowing atmospheric-pressure afterglow source in terms of time and helium flow rate.

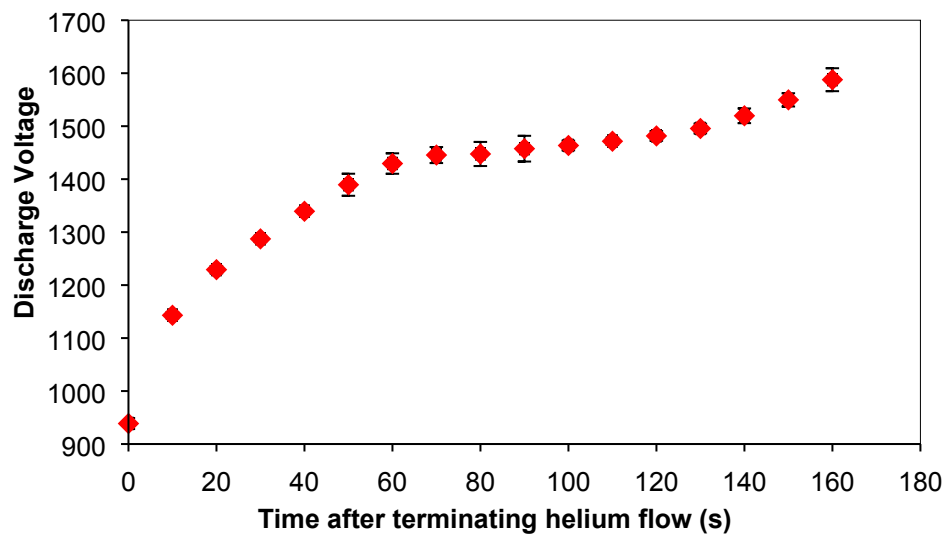


Figure S2: Change in voltage after helium flow it turned off. Error bars indicate the standard deviation of three trials. These data were obtained with a constant current of 30 mA and an initial helium flow of 1 L/min.