

Electronic Supplementary Information (ESI)

Formation of Complex Organics by Covalent and Non-Covalent Interactions of the Sequential Reactions of 1-4 Acrylonitrile Molecules with the Benzonitrile Radical Cation

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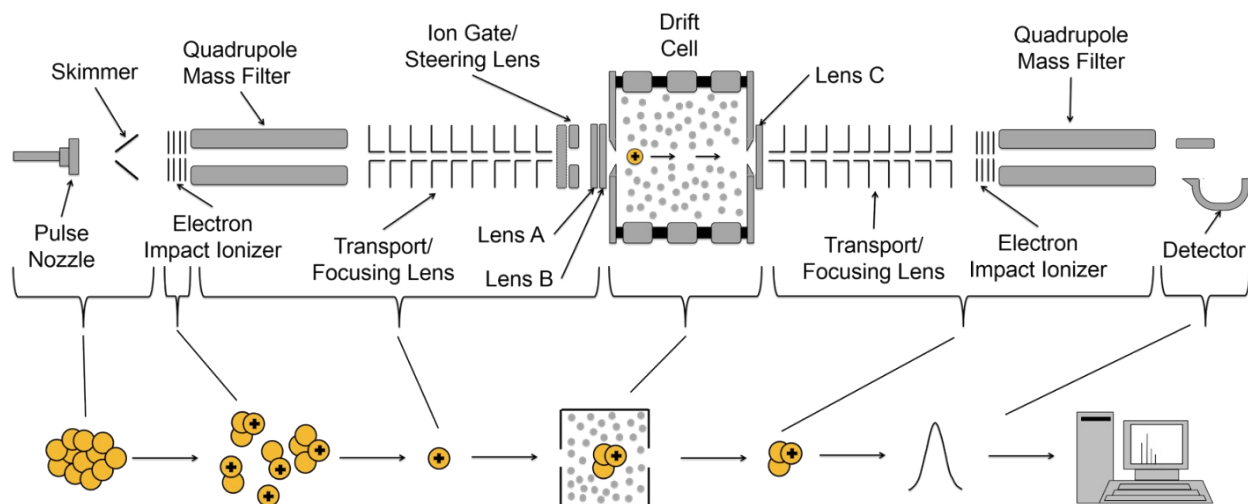


Fig. S1. Experimental set-up of the Mass-Selected Ion Mobility System

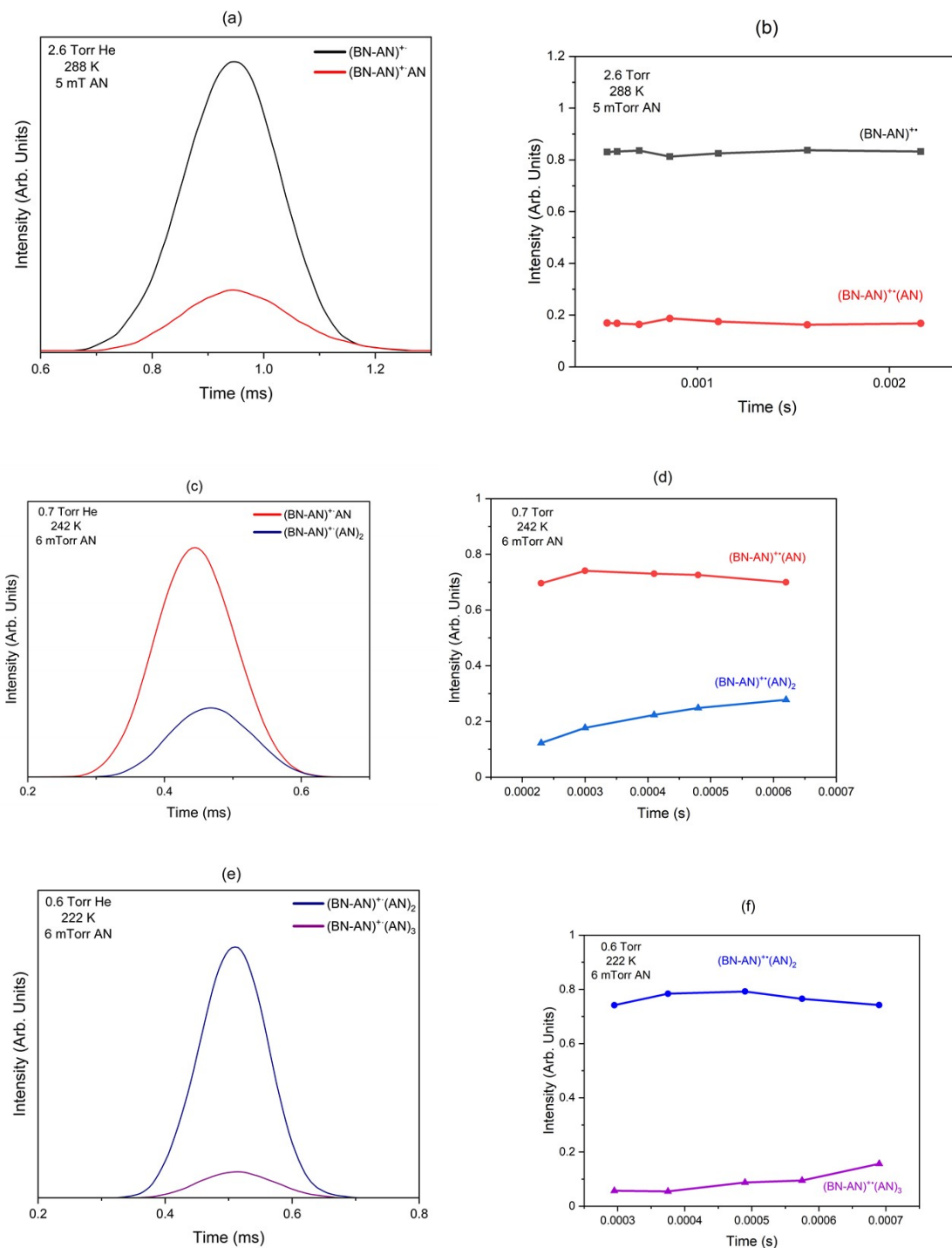


Fig. S2. Paired ATDs and time profiles for the formation of **(a-b)** $(\text{BN-AN})^+\text{AN}$, **(c-d)** $(\text{BN-AN})^+(\text{AN})_2$, **(e-f)** $(\text{BN-AN})^+(\text{AN})_3$ at the indicated temperatures and pressures as a result of the acrylonitrile association with the benzonitrile-acrylonitrile adduct.