

Analysis of nine N-nitrosamines using Liquid Chromatography-Accurate Mass High Resolution-Mass Spectrometry on a Q-Exactive instrument

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Supplementary

Information

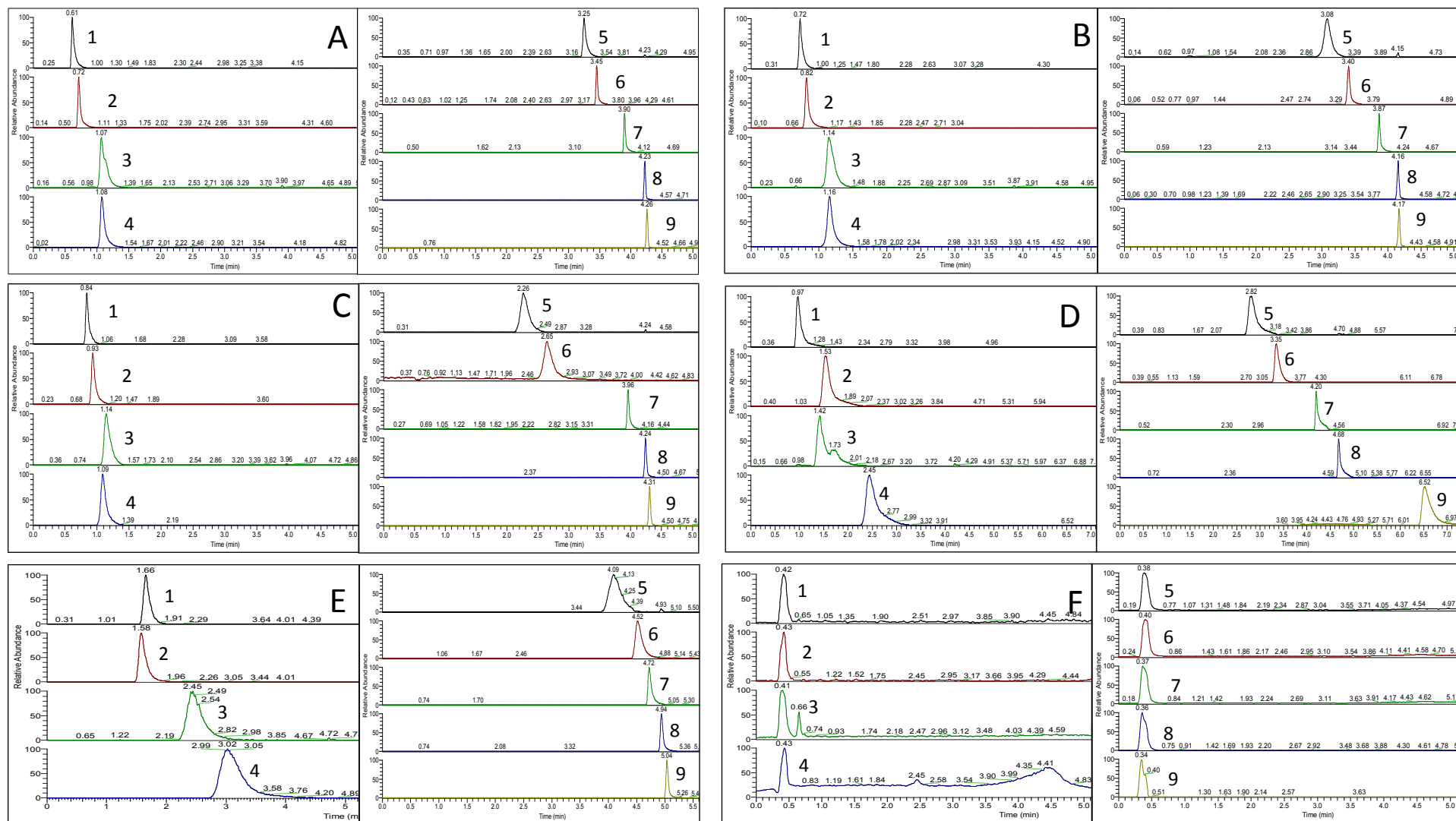


Fig. S1. Chromatograms recorded for the six tested chromatographic columns. A = C18; B = C8; C = PFP; D = Hypercarb; E = Amide 80 and F = Hilic. 1. NDMA, 2. NMor, 3. NMEA, 4. NPyr, 5. NDEA, 6. NPip, 7. NDPA, 8. NDBA, 9. NDPhA.

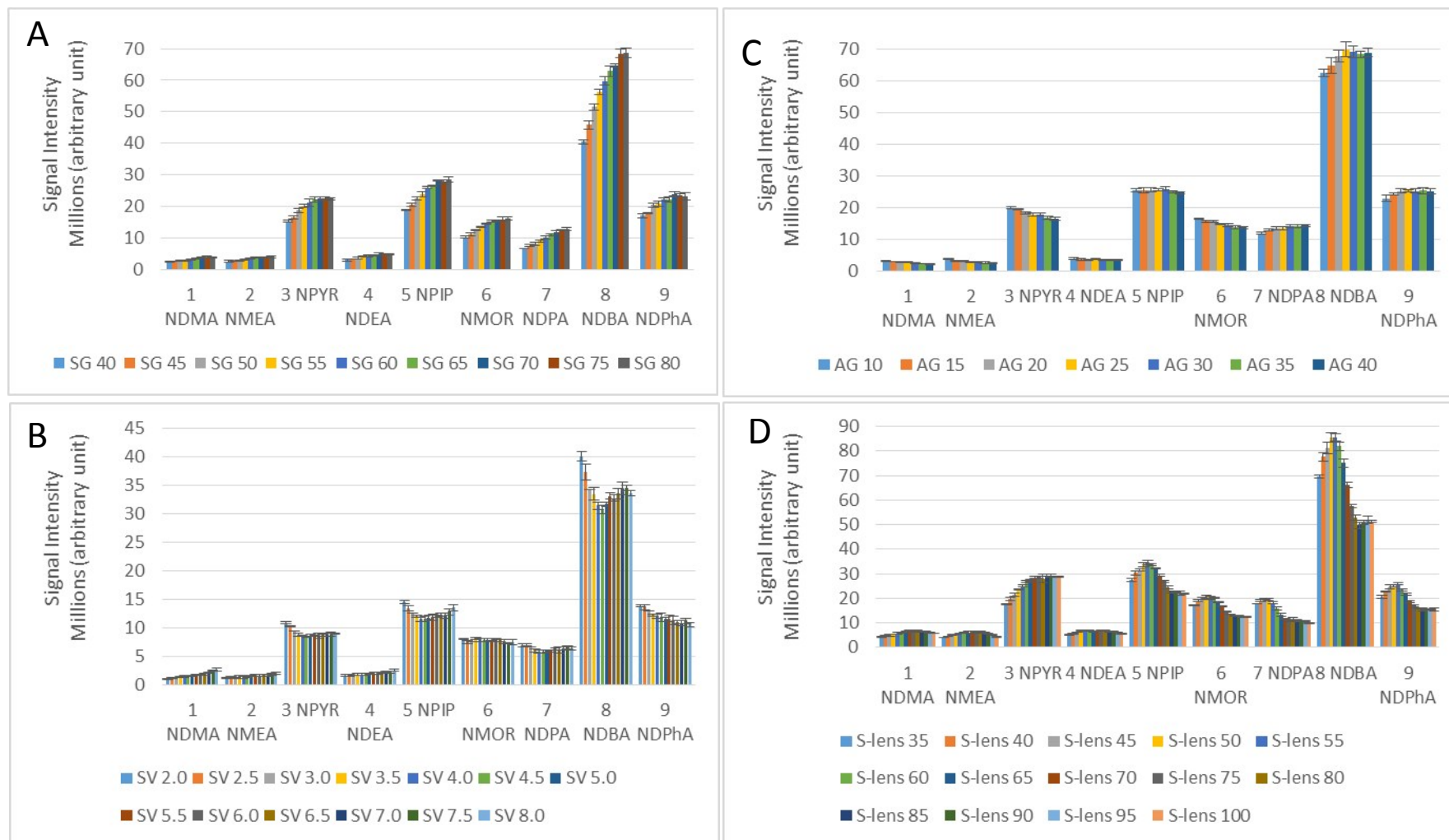


Fig. S2. Experimental results obtained by varying the sheath gas (A), the spray voltage (B), the auxiliary gas (C) and the S-Lens RF Level (D). Errors bars are standard deviations of three replicates.

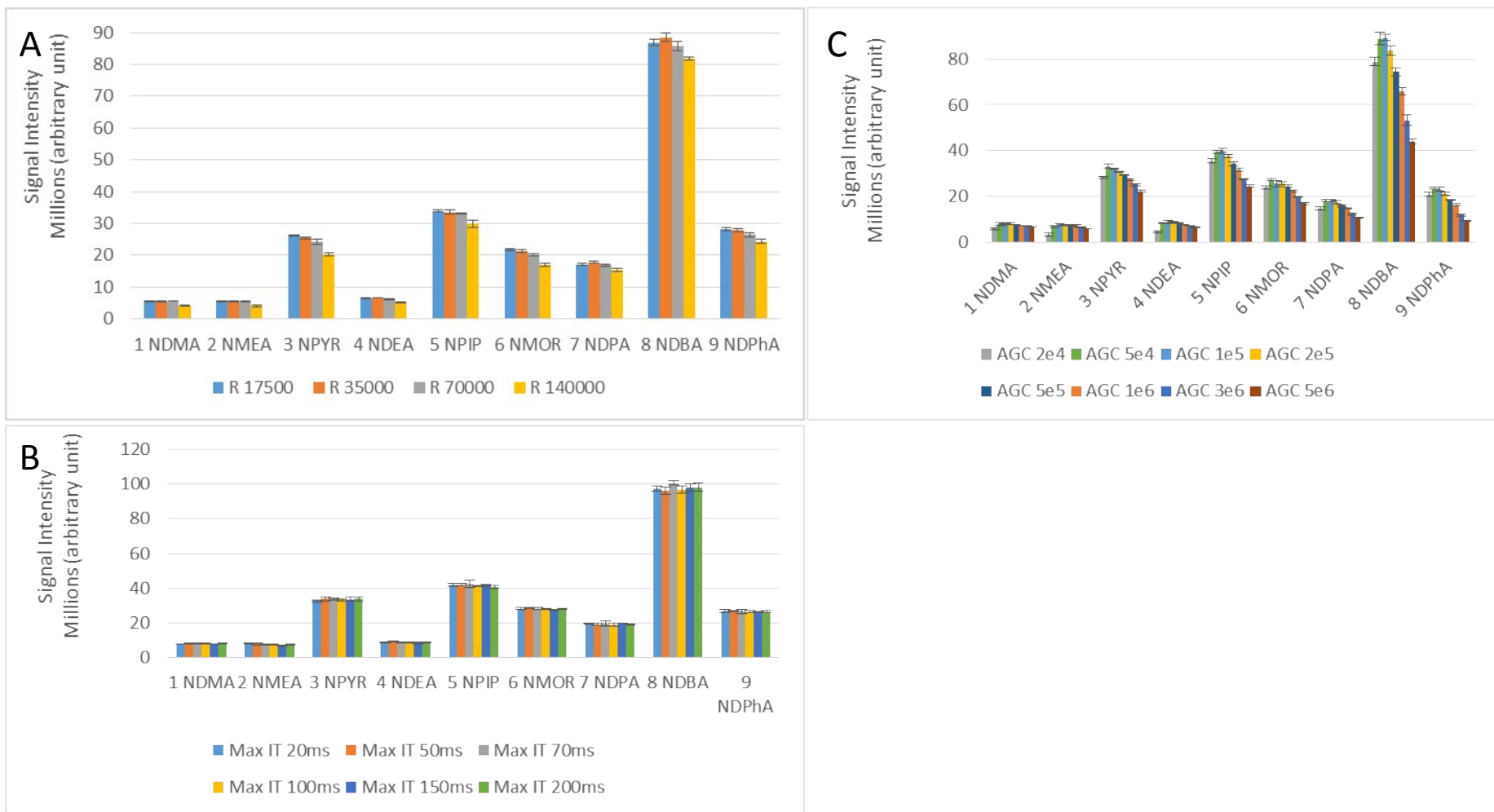


Fig. S3. Experimental results obtained by varying the resolution (A), the maximum injection time (B) and the automatic gain control (C). Errors bars are standard deviations of three replicates.