Supplemental Section Figures

Figure S1: The single acquisition mass spectrum of insulin showing charge state +3 - +6 obtained on a Waters SYNAPT G2 mass spectrometer by touching a sample of 1 picomole of insulin in 2,5-DHAP matrix using a metal spatula against the skimmer of the nano-spray ion source with a source temperature of 150º C.

Figure S2: Summed mass spectrum of 1 picomole of insulin in 2,5-DHAP matrix applied to a spatula and tapped against the entrance end of a 2 cm glass tubing affixed to the skimmer of the SYNAPT G2. The skimmer source was heated to 150º C but no heat was applied to the glass tubing.

Figure S3: Summed mass spectrum of 1 picomole of insulin in 2,5-DHAP applied to the entrance end of a 10 cm copper tube affixed to the skimmer of the SYNAPT G2 nanospray source and heated separately from the 150º C of the ion source.
Figure S2
Figure S3