



Figure 10 Positive TOF-SIMS imaging of a defective micro-electrode. The gold ion (196.600 - 197.400 amu) is imaged prior to surface modification with peptide (a), and after peptide modification (b), (c) distribution of a peptide-derived ion (C₄H₈N⁺; 70.016 - 70.144 amu), with copyright permission from the Publications Division of the American Chemical Society (2008) after (Makohliso et al. 1999).