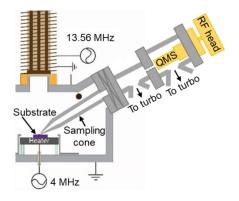
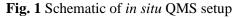
Supplemental Information





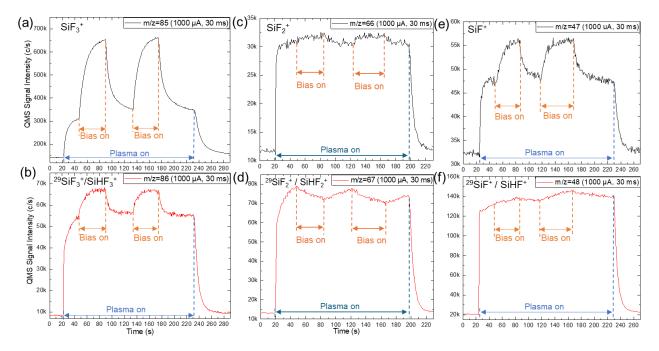


Fig. 2 Time-resolved mass spectra for SiF_x^+ (x = 1, 2, 3) and $SiHF_x^+$ ions during self-biased and appliedbiased etching of SiN_x with HF plasma

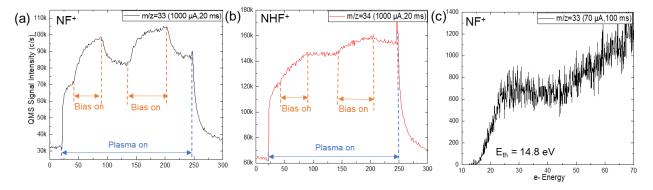


Fig. 3 Time-resolved mass spectra for (a) NF⁺ and (b) NHF⁺ ions; (c) electron energy scan of NF⁺