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Electronic supplementary information

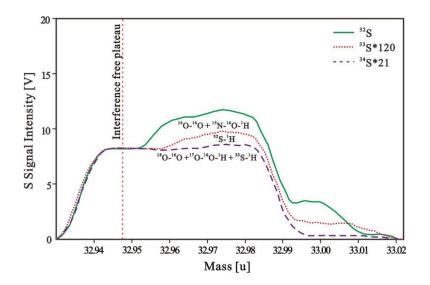


Fig. S1 Peak shapes for ³²S, ³³S and ³⁴S obtained from P-S-1 with the addition of 6 ml min⁻¹ N₂ into the central gas flow by using fs-laser. The vertical red dash line represents the interference-free plateau at the low mass side, in which S isotope ratios were determined. Polyatomic interferences of ³²S, ³³S and ³⁴S were indicated below the corresponding peak shape, respectively. Signal intensities of ³³S and ³⁴S were multiplied by 120 and 21 to match ³²S signal intensity, respectively.