

Fig S5. The monoisotopic masses of candidate new cyclic peptide in *Amanita exitialis*. The two molecules corresponded to the cyclized core peptide sequences of FVFVASPP (A) and LFFPPDFRPP (B). The adduct ions of $[M+Na]^+$ and $[M+K]^+$ were shown in each section.

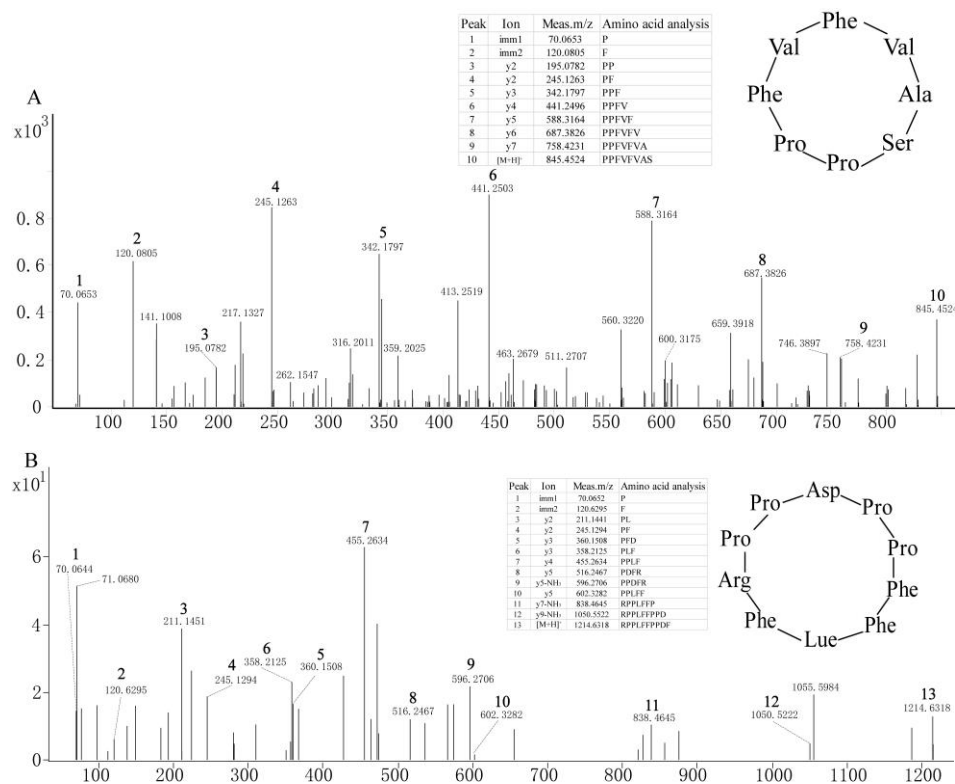


Fig S6. Tandem mass spectrometry of novel cyclic peptides in *Amanita exitialis*. Manual analysis of

amino acid compositions of Cyclo(FVFVASPP) (A) and Cyclo(LFFPPDFRPP) (B), with inserted tables of matched amino acids; immonium ions were shown when present. The determined cyclic peptides were shown as circles.