



Figure S1. Representative chromatogram and mass spectrum of detected thiol metabolites. DAS-12[C13]: $\text{H}_2\text{S}-^{13}\text{C}_6$ -2-IAN derivative; cysteine-ANL-6[C13]: cysteine- $^{13}\text{C}_6$ -2-IAN derivative; GSSG: oxidized GSH; GSH-ANL-6[C13]: GSH- $^{13}\text{C}_6$ -2-IAN derivative. [+Na]: compound-sodium adducts; [H+]: compound-proton adducts.