

Supporting Information (Figures)

Integration of semi-empirical MS/MS library with characteristic features for annotation of novel amino acid conjugated bile acids

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Figure S1. Comparison of MS intensities of amino acid conjugated lithocholic acid (LCA), deoxycholic acid (DCA) and cholic acid (CA) in negative and positive mode, normalized to the intensity of negative mode.

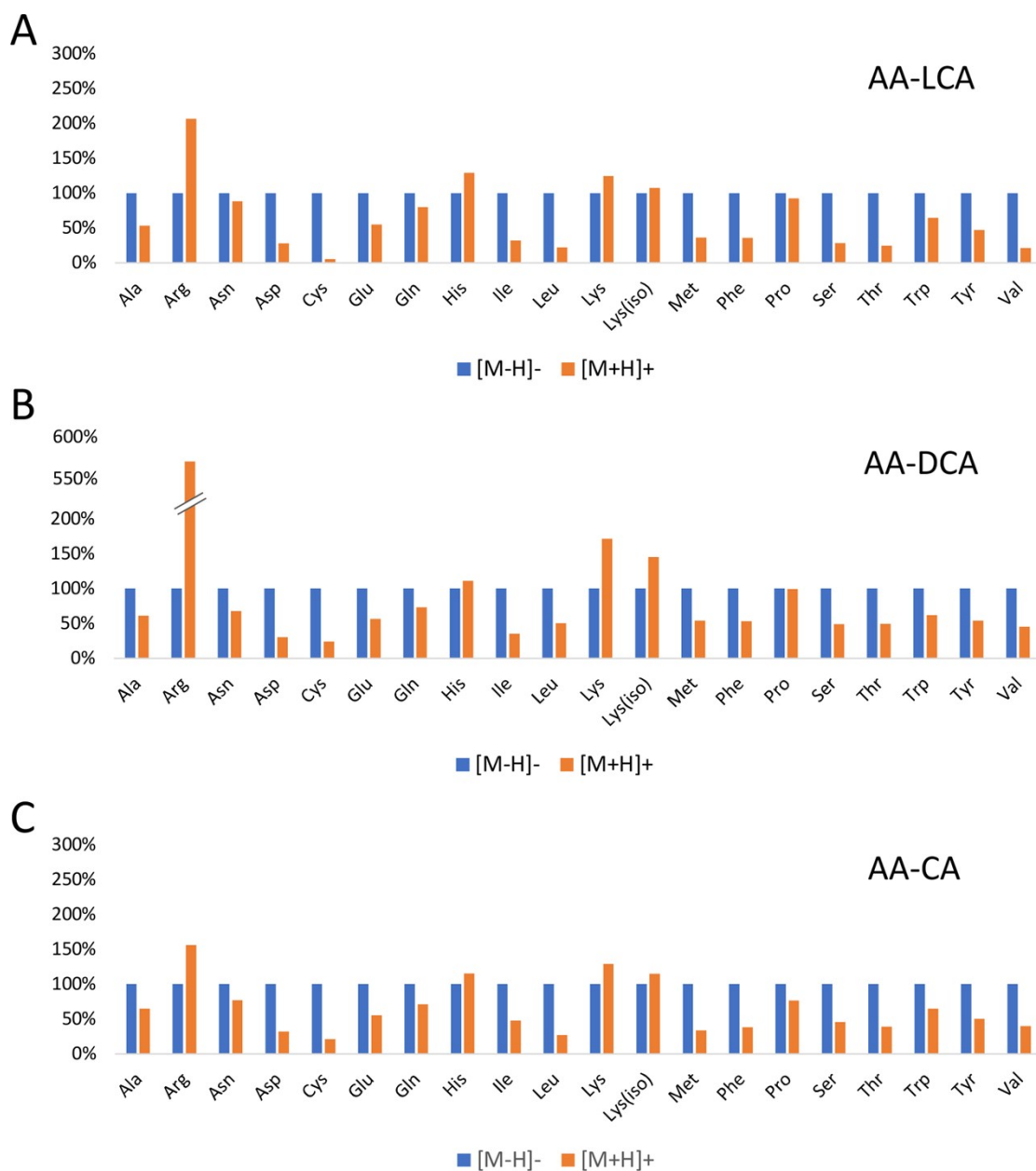


Figure S2. MS/MS spectra of cysteine conjugated lithocholic acid (LCA), deoxycholic acid (DCA) and cholic acid (CA) in negative mode.

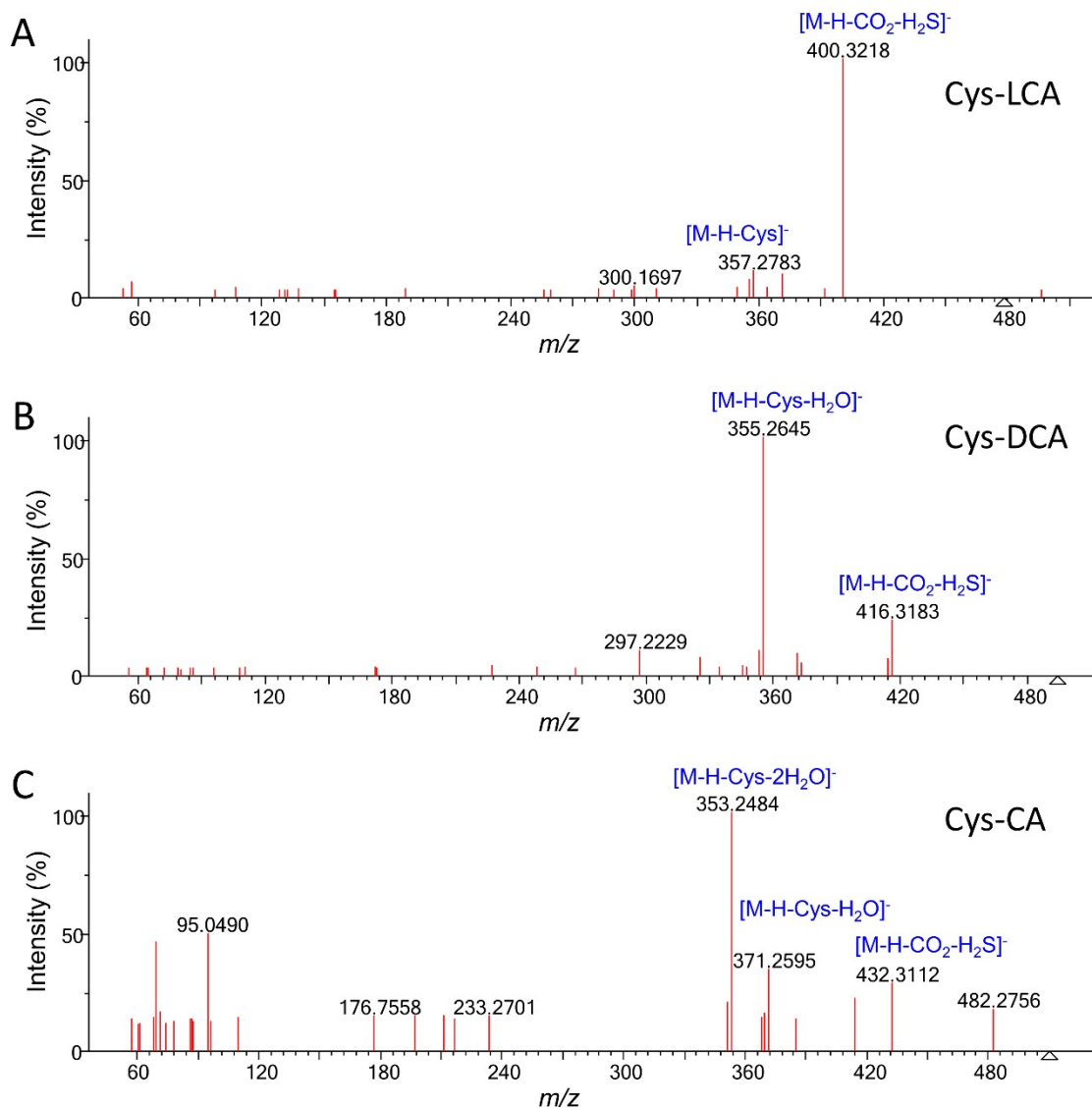


Figure S3. Workflow of semi-empirical library development in negative mode.

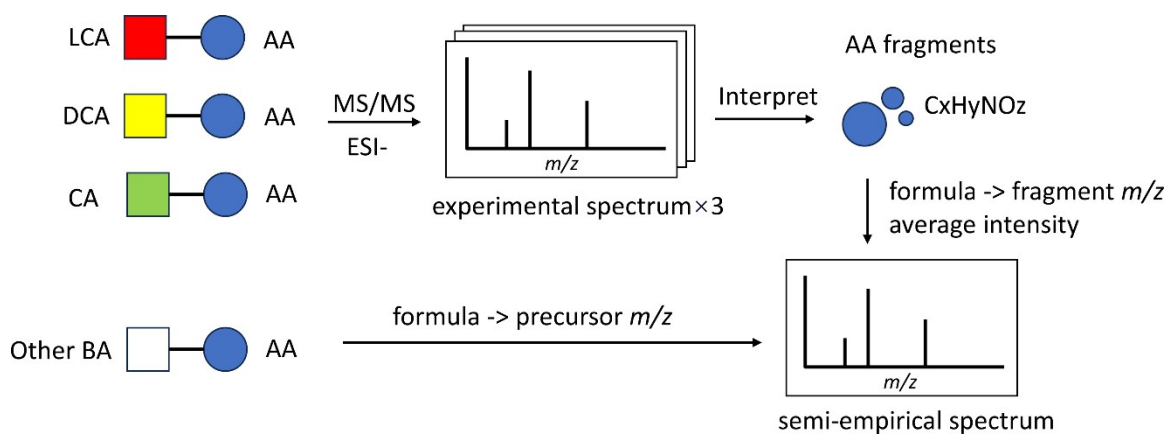


Figure S3: MS/MS spectra of amino acid conjugated cholic acid (CA) in positive mode, compared with MS/MS spectra of unconjugated CA.

m/z of amino acid-related fragments are labeled. Triangles on the m/z axis show the positions of precursors.

