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Supplementary information

Engineered biosynthesis and characterisation of disaccharide-modified 8-deoxyamphoteronolides

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Fig. S3 LC-MS analysis of tetraenes. (A) Solvent gradient, (B) *S. nodosus amphL* extract, and (C) *S. nodosus amphL* pIJ10257-*nypY* extract.

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Fig. S5 HPLC analysis of purified mannosyl-8-deoxyamphotericin B.

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Fig. S9 Comparison of NMR spectra of 8-deoxyamphotericin B and its mannosylated form. The 1.05/1.06 doublet from the C6' methyl protons is shifted downfield to 1.09/1.10 ppm in mannosyl-8-deoxy-amphotericin B.

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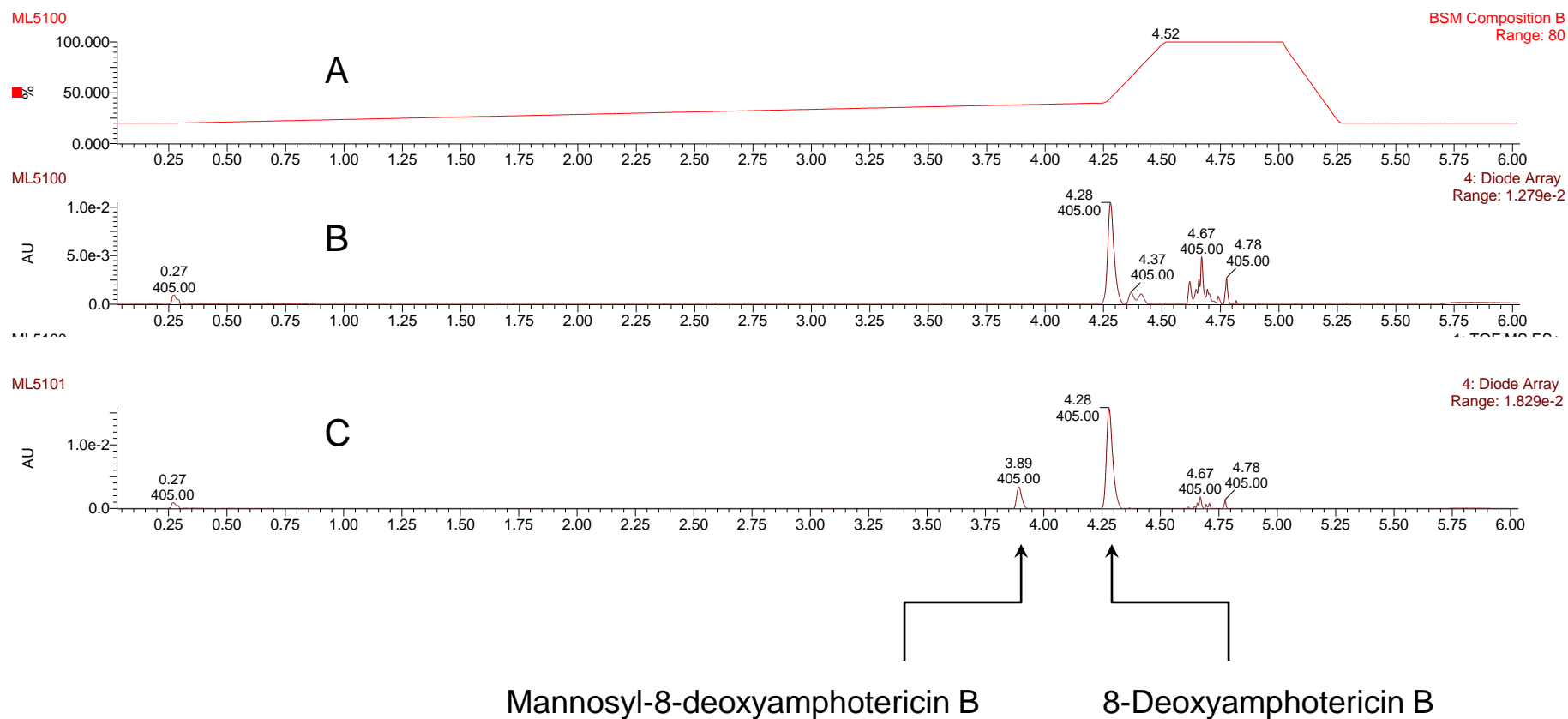


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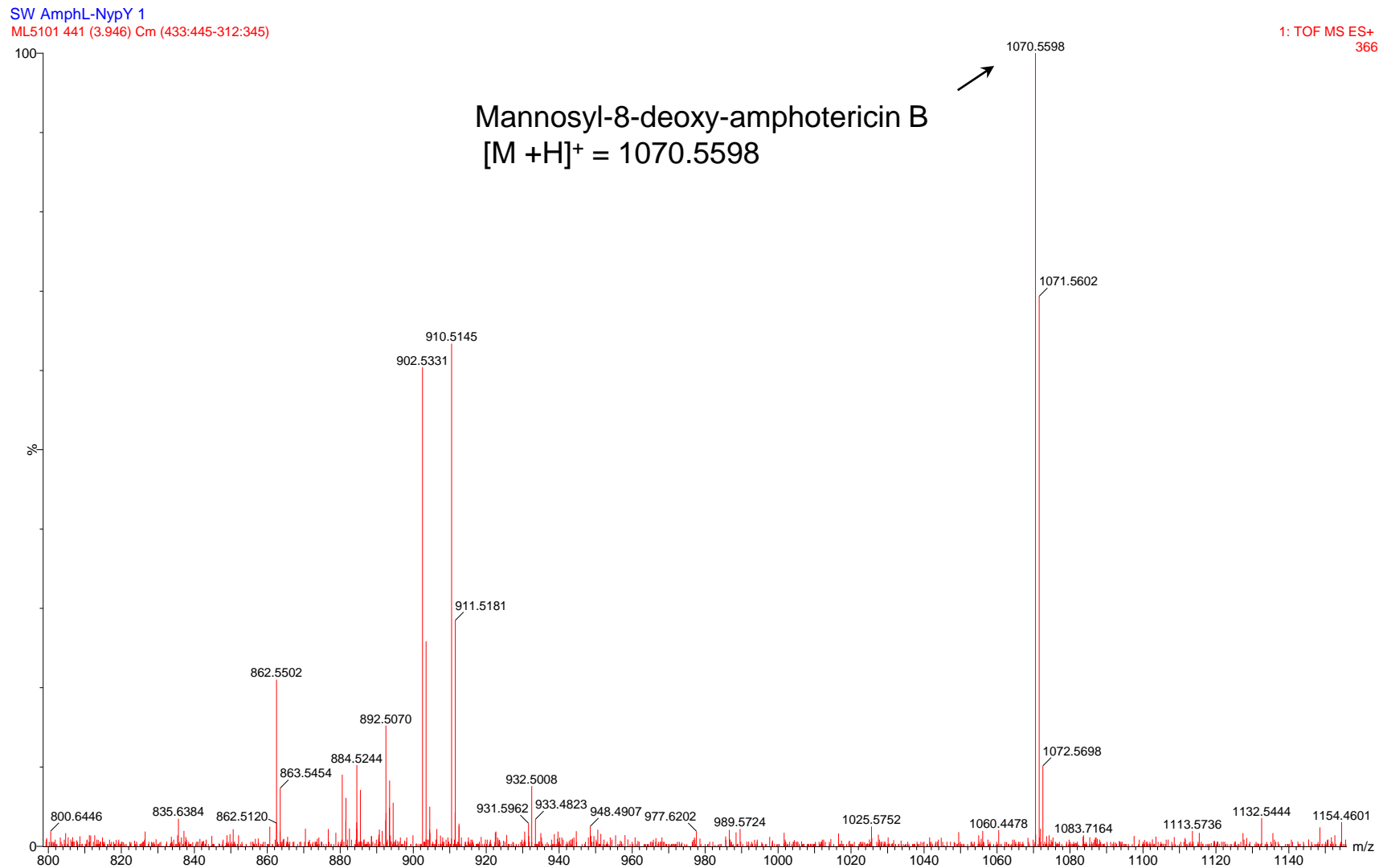


Fig. S3 LC-MS analysis of tetraenes. (A) Solvent gradient, (B) *S. nodosus amphL* extract, and (C) *S. nodosus amphL* pIJ10257-*nypY* extract.

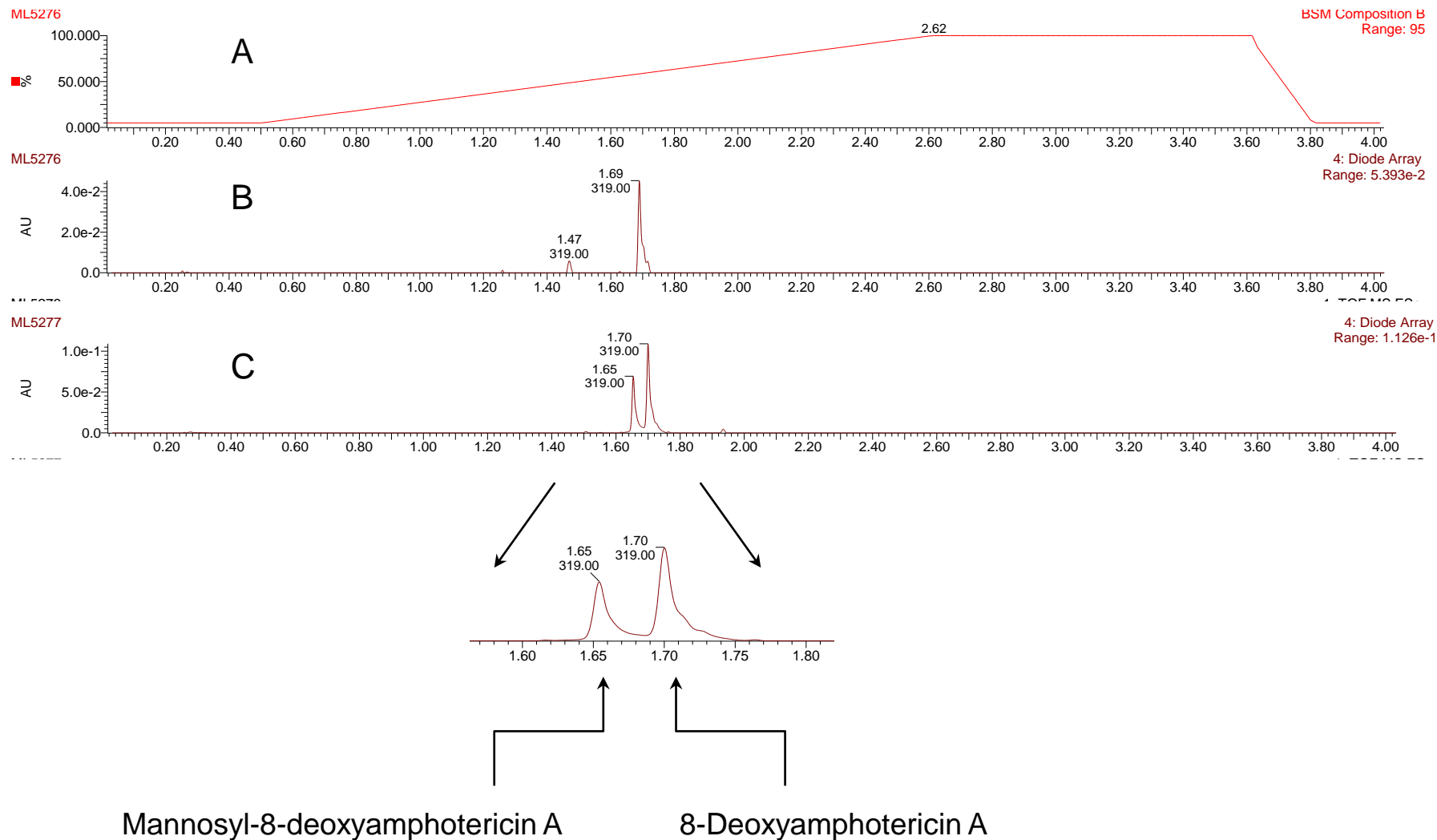


Fig. S4 Mass spectrometry of tetraene species eluting at 1.657 minutes (see Fig. S3C).

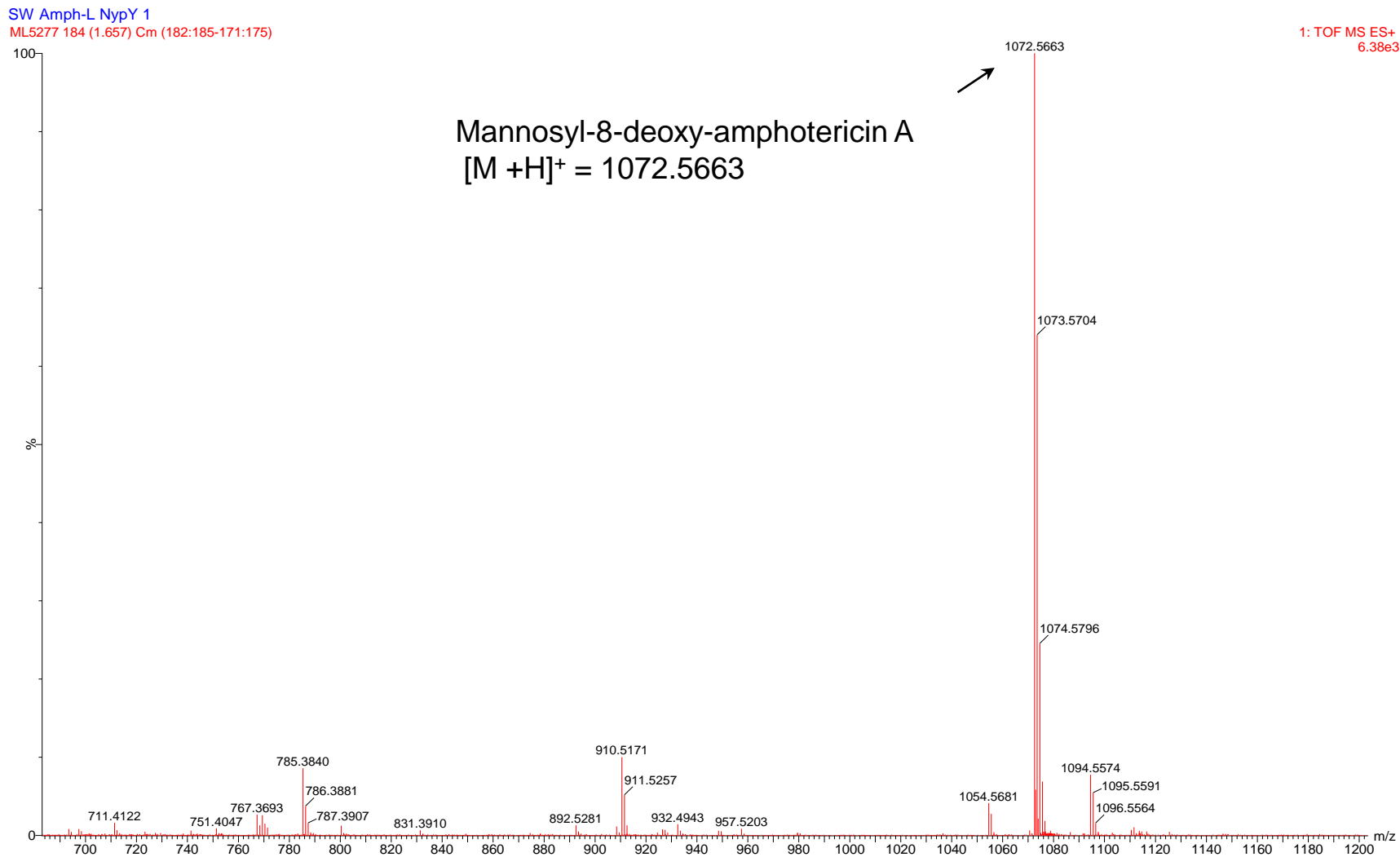


Fig. S5 HPLC analysis of purified mannosyl-8-deoxyamphotericin B.

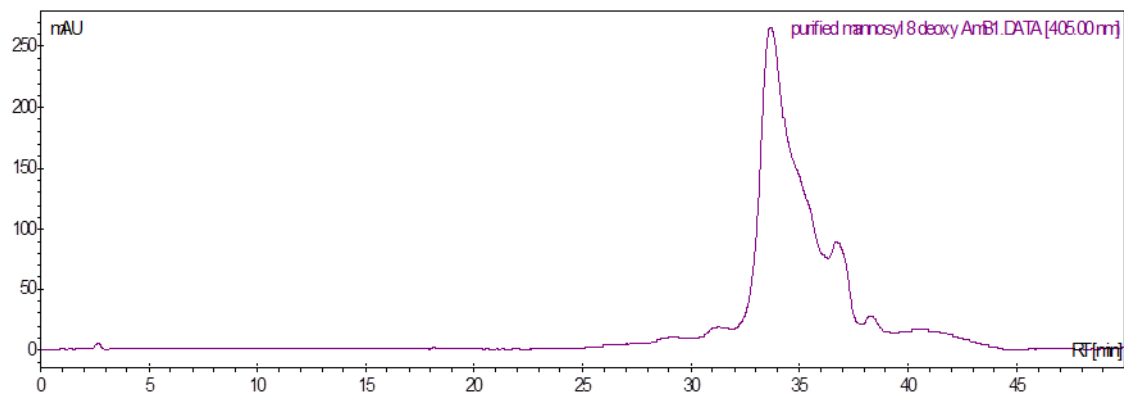


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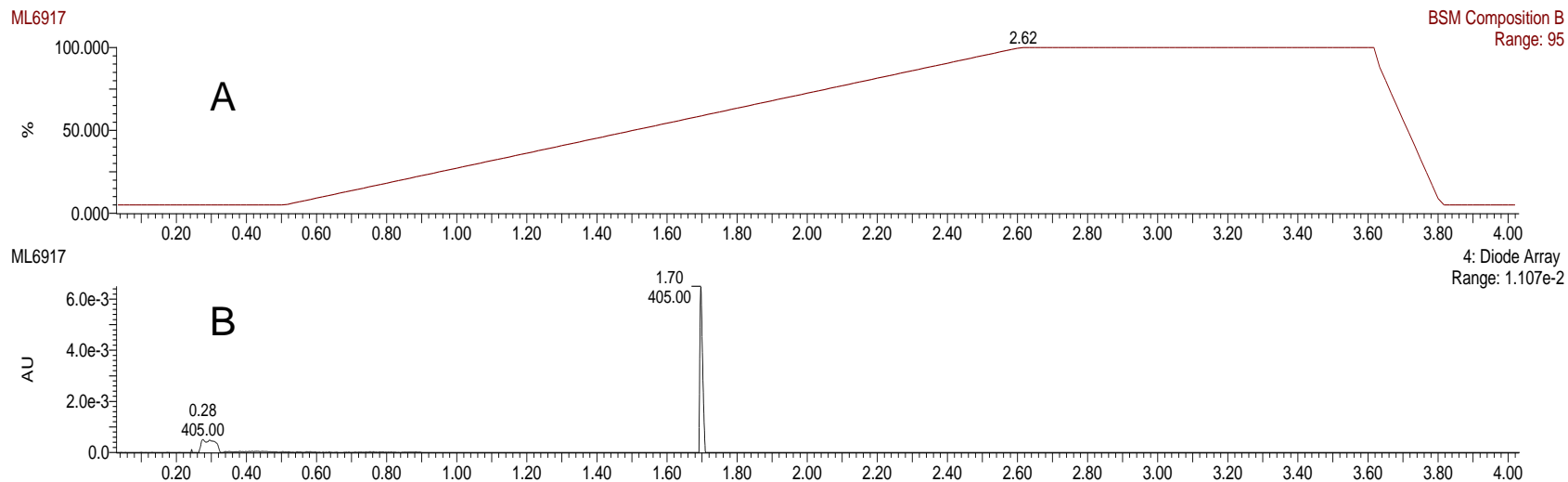


Fig. S7 Mass spectrometry of mannosyl-8-deoxyamphotericin B eluting at 1.7 minutes (see Fig. S6B).

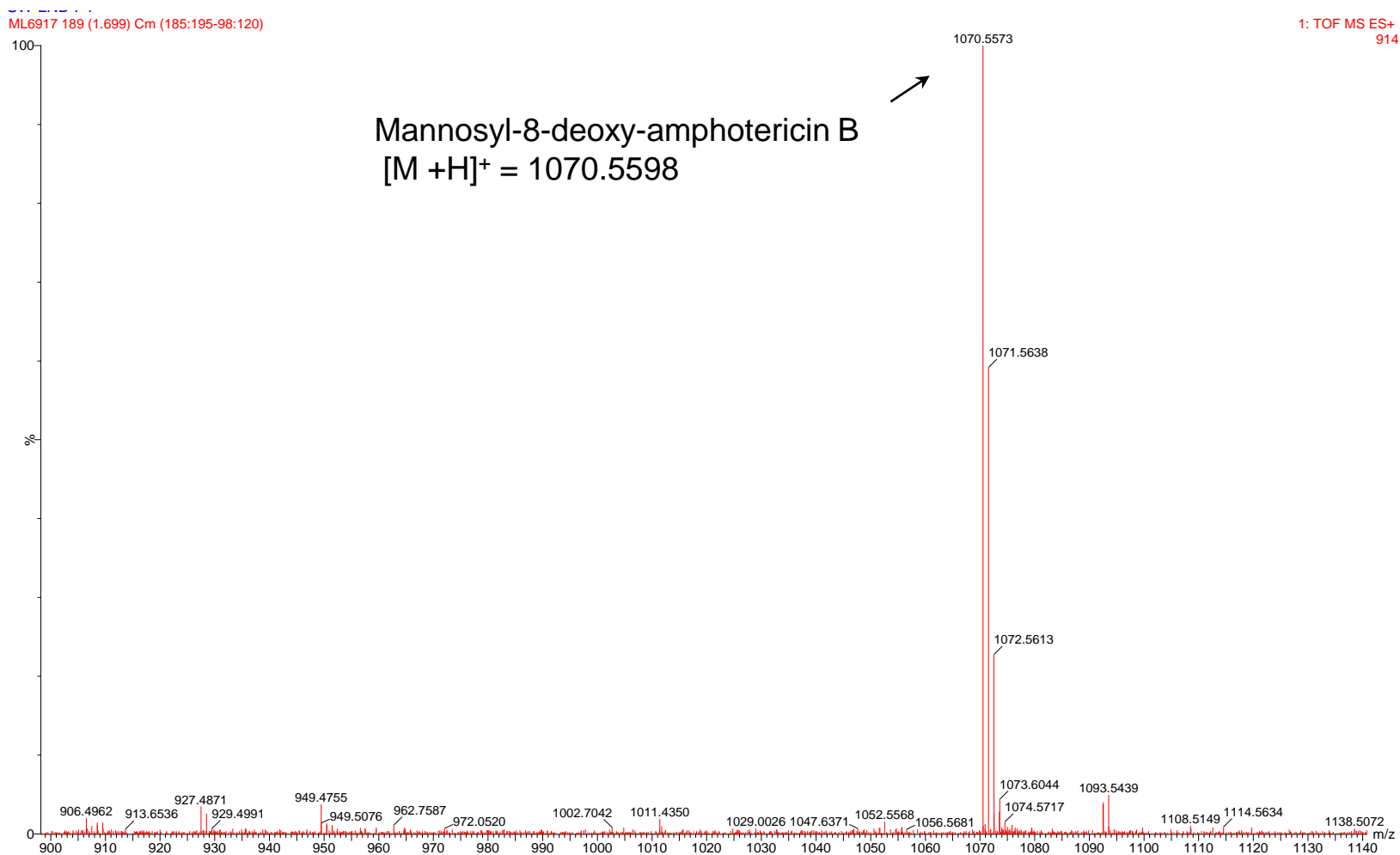


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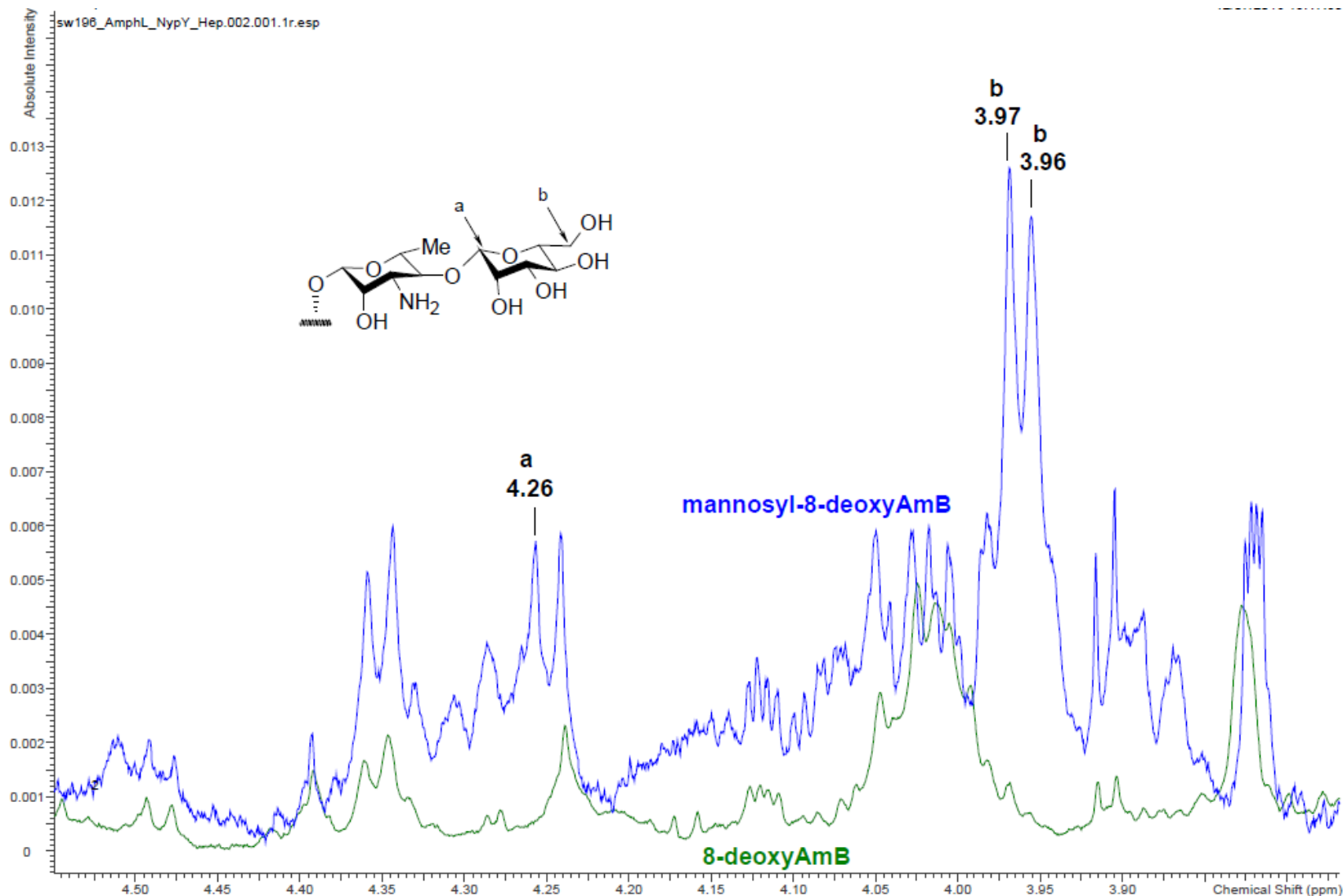


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