

Electronic Supplementary Information

Simultaneous analysis of depurinated nucleic acid stem-loop and free adenine for ricin toxicity assay by hydrophilic interaction liquid chromatography–high-resolution mass spectrometry (HILIC-HRMS)

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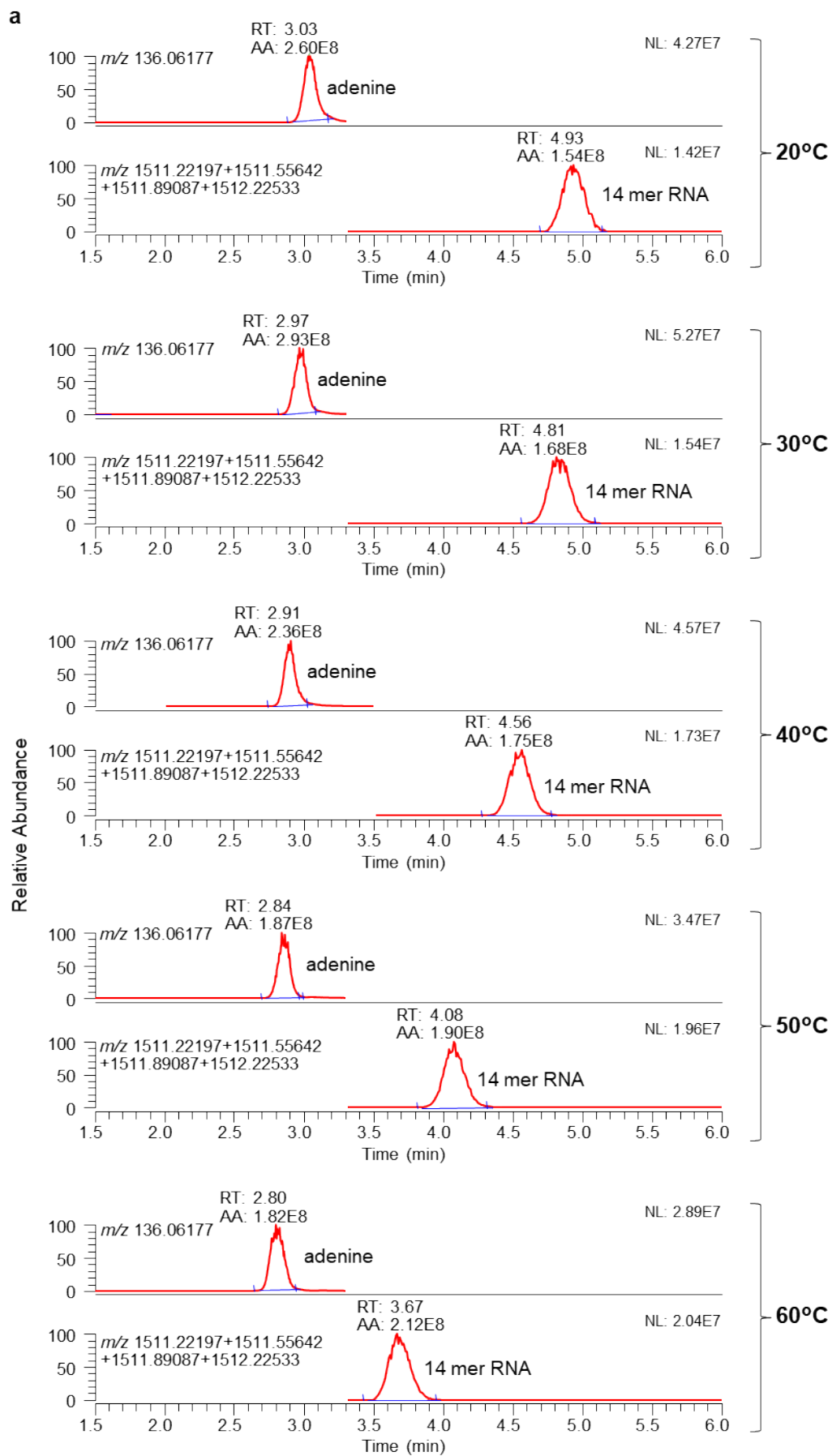
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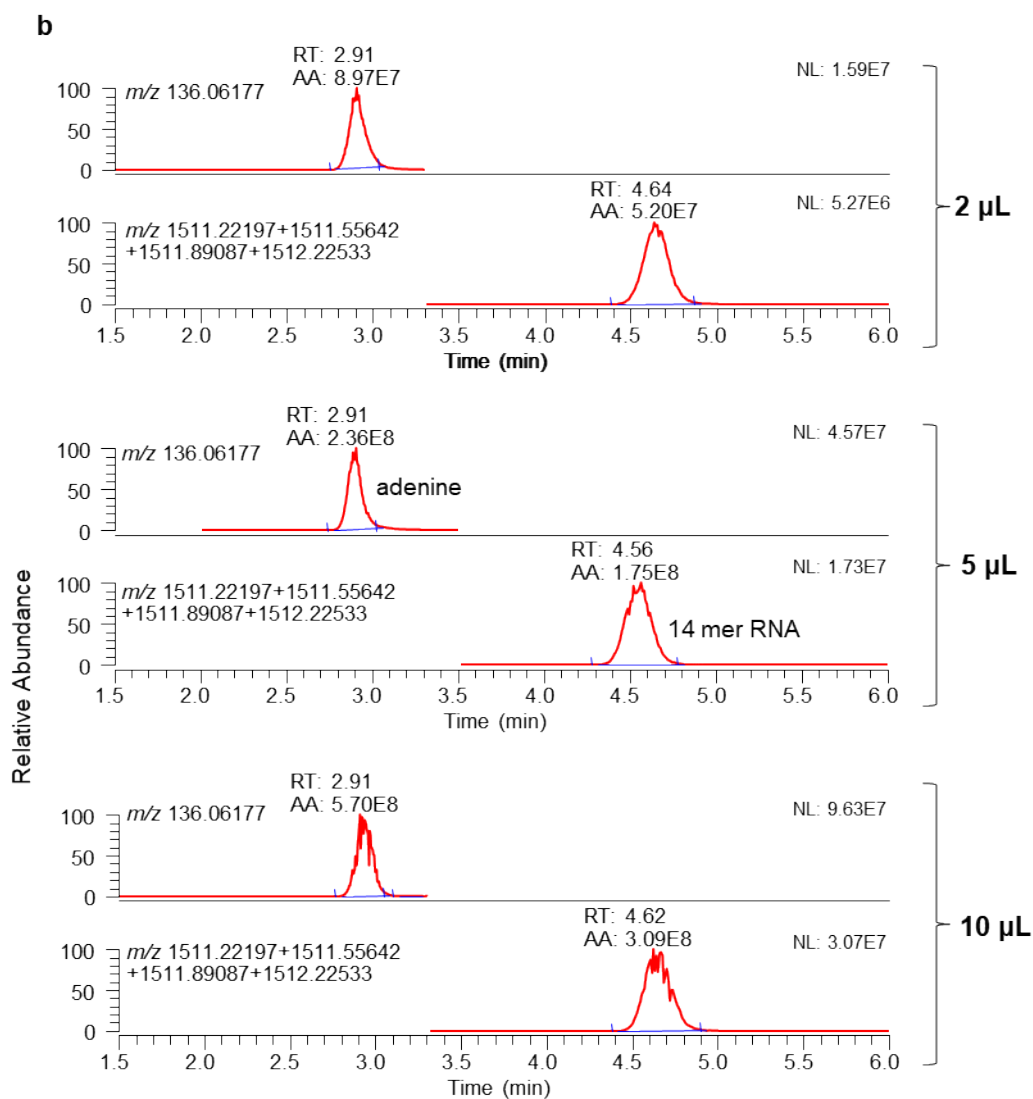
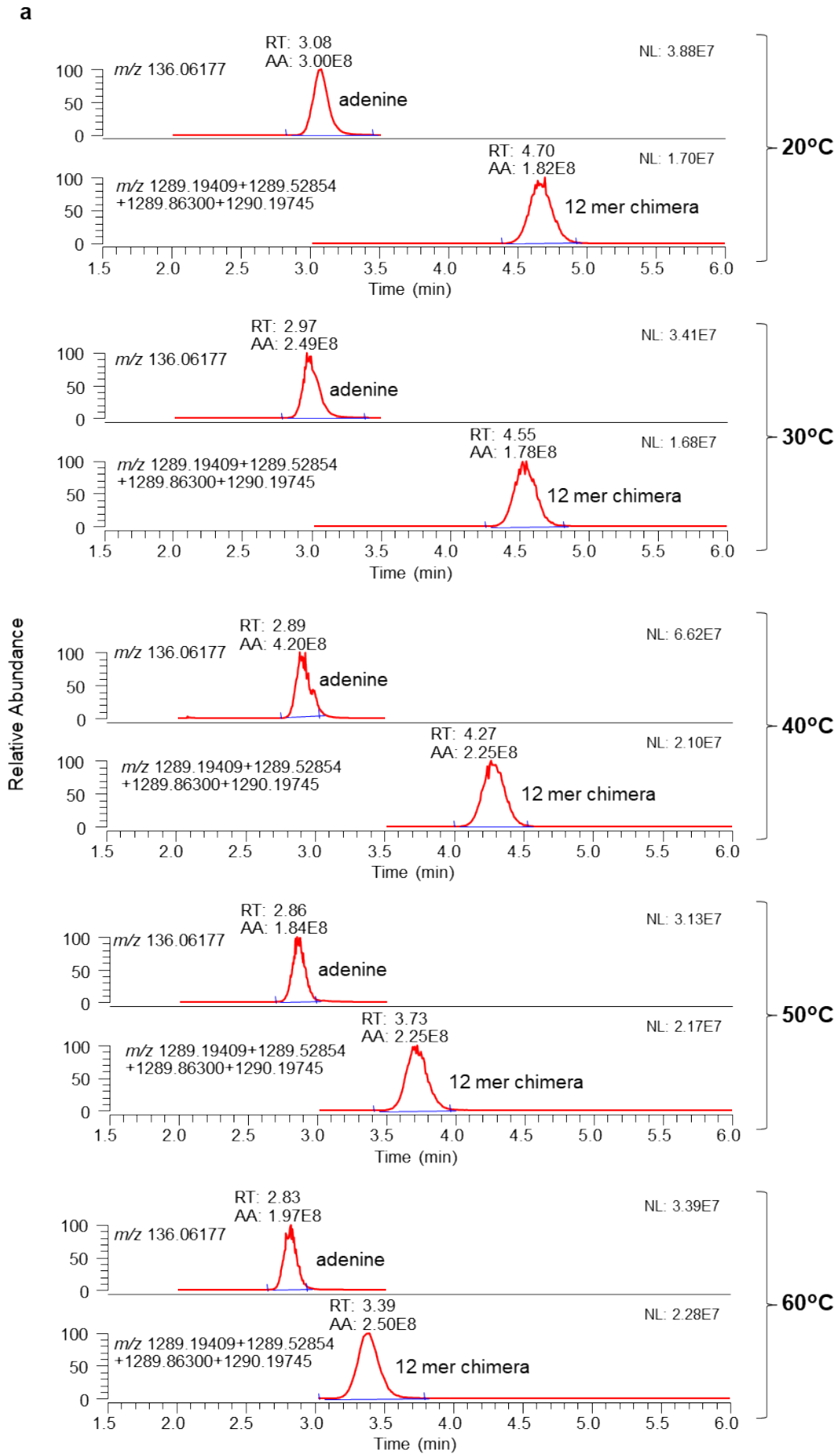


Fig. S1. (a) Optimization of the column oven temperature for adenine and the 14 mer RNA stem-loop. The injection volume was 5 µL. (b) Optimization of the injection volume. The column temperature is 40°C. Mass tolerance: ± 5 ppm.



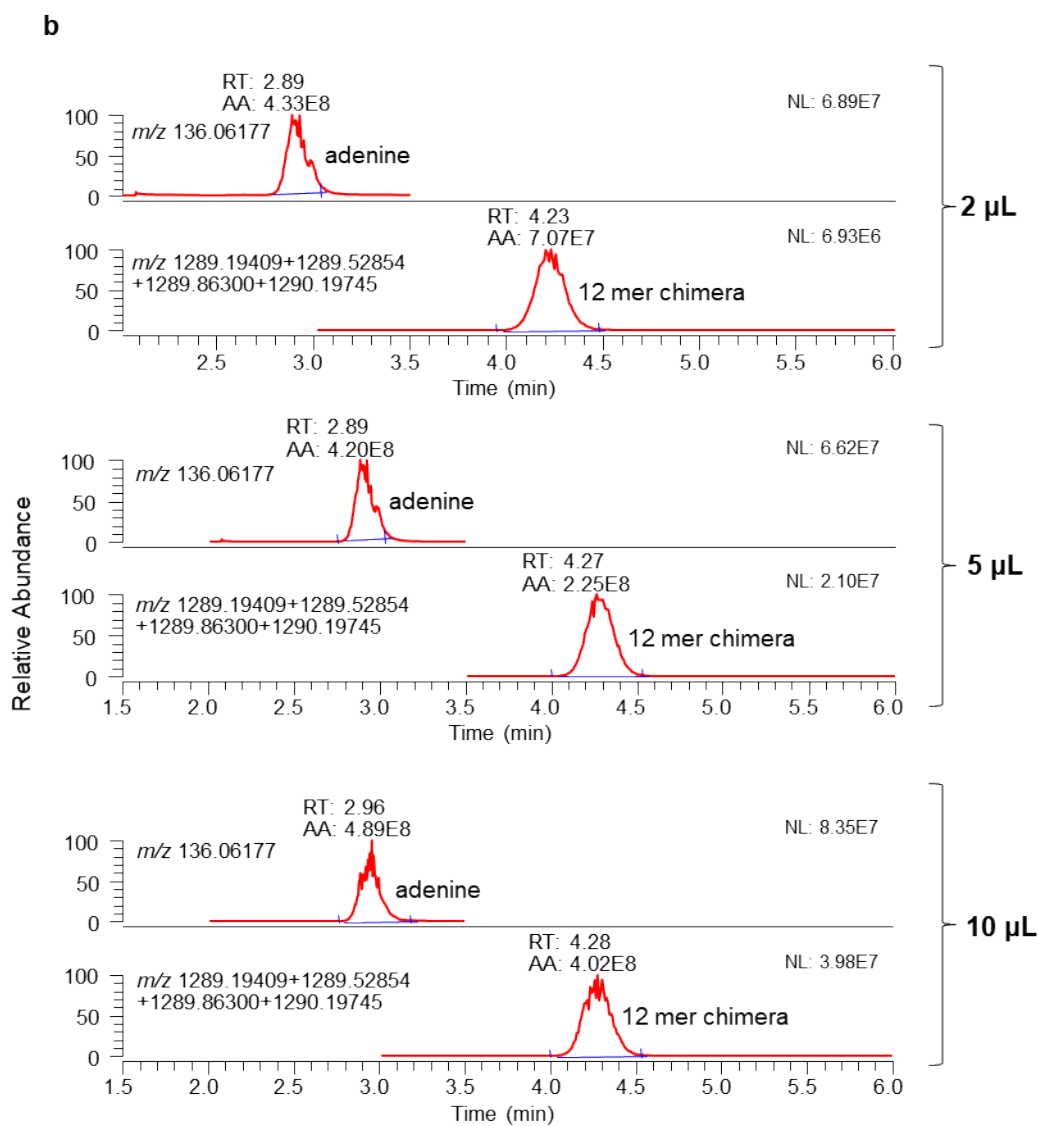


Fig. S2. (a) Optimization of the column oven temperature for adenine and the 12 mer RNA/DNA chimera stem-loop. The injection volume was 5 µL. (b) Optimization of the injection volume. The column temperature is 40°C. Mass tolerance: ± 5 ppm.