

Supplementary Material

***In vivo* ocular pharmacokinetics and toxicity of siponimod in albino rabbits**

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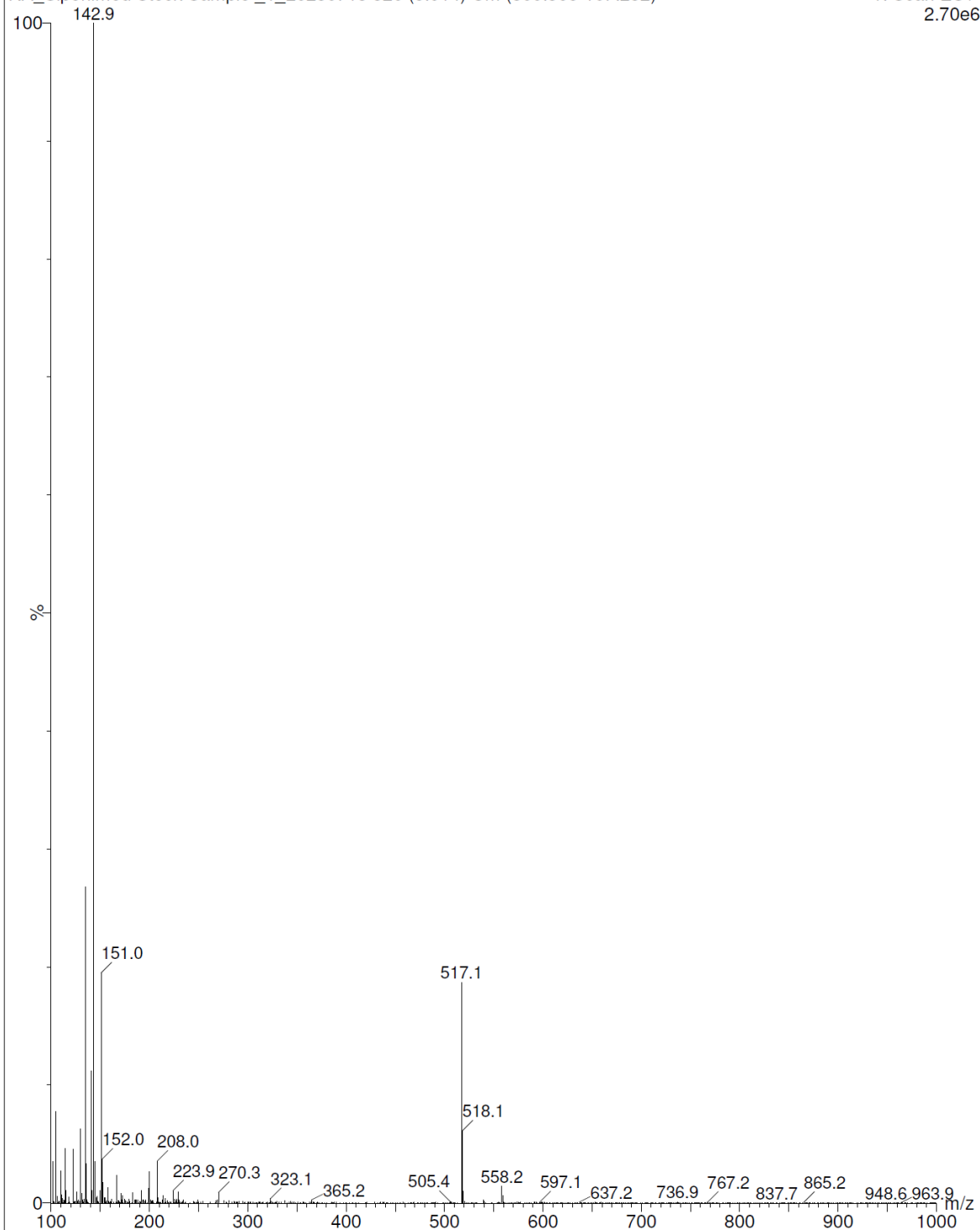
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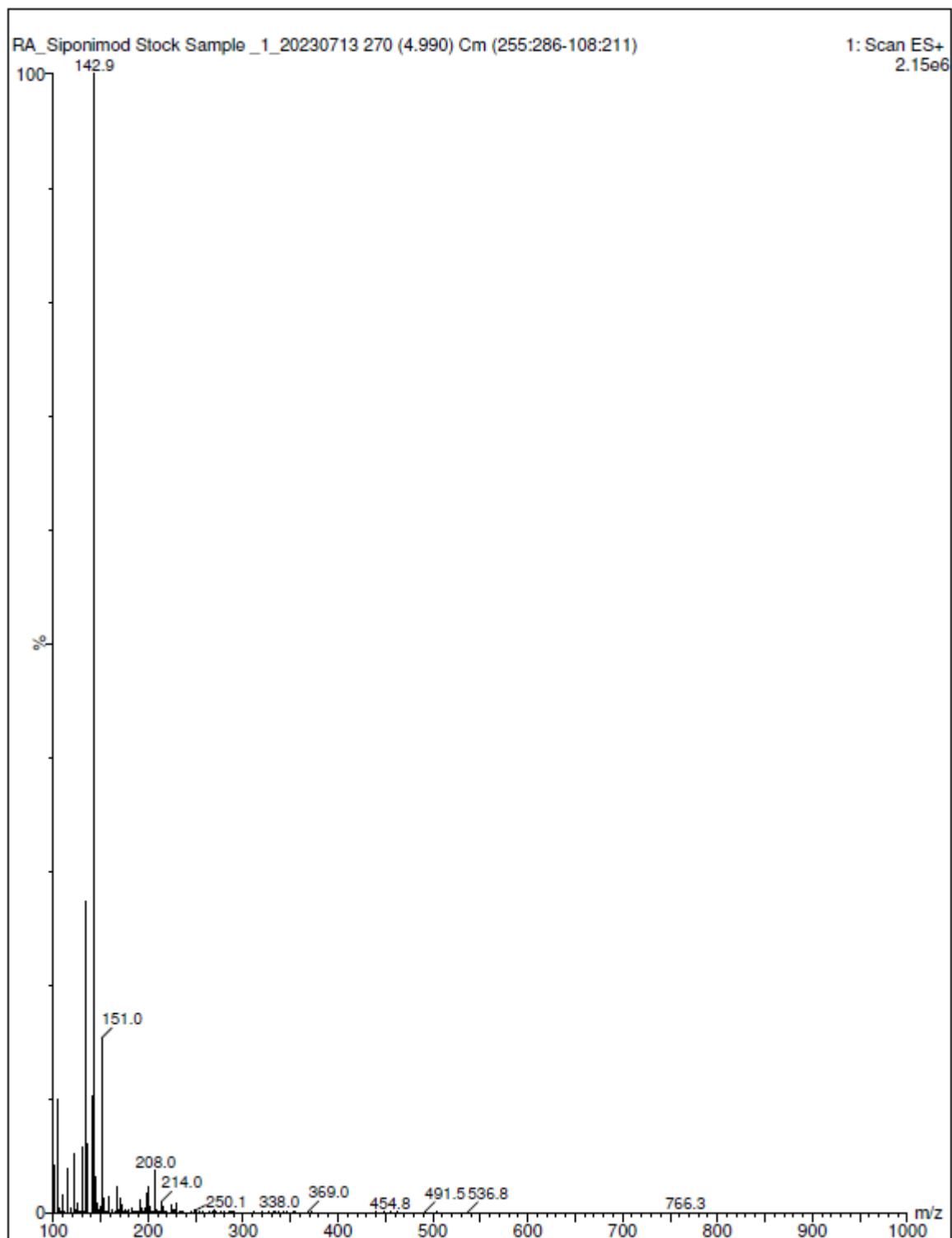
(A)

RA_Siponimod Stock Sample _1_20230713 320 (5.914) Cm (300:368-107:232)

1: Scan ES+
2.70e6

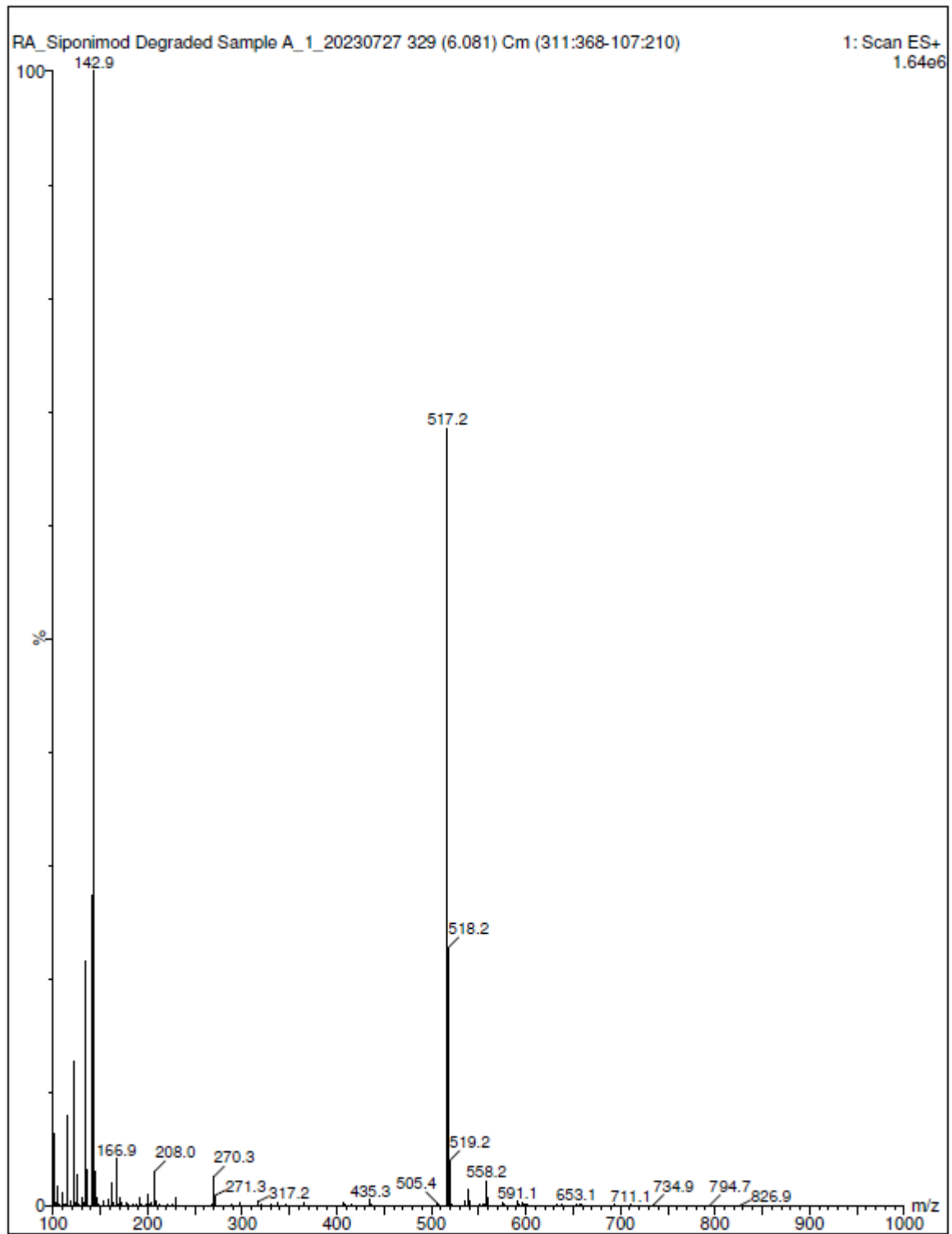


(B)

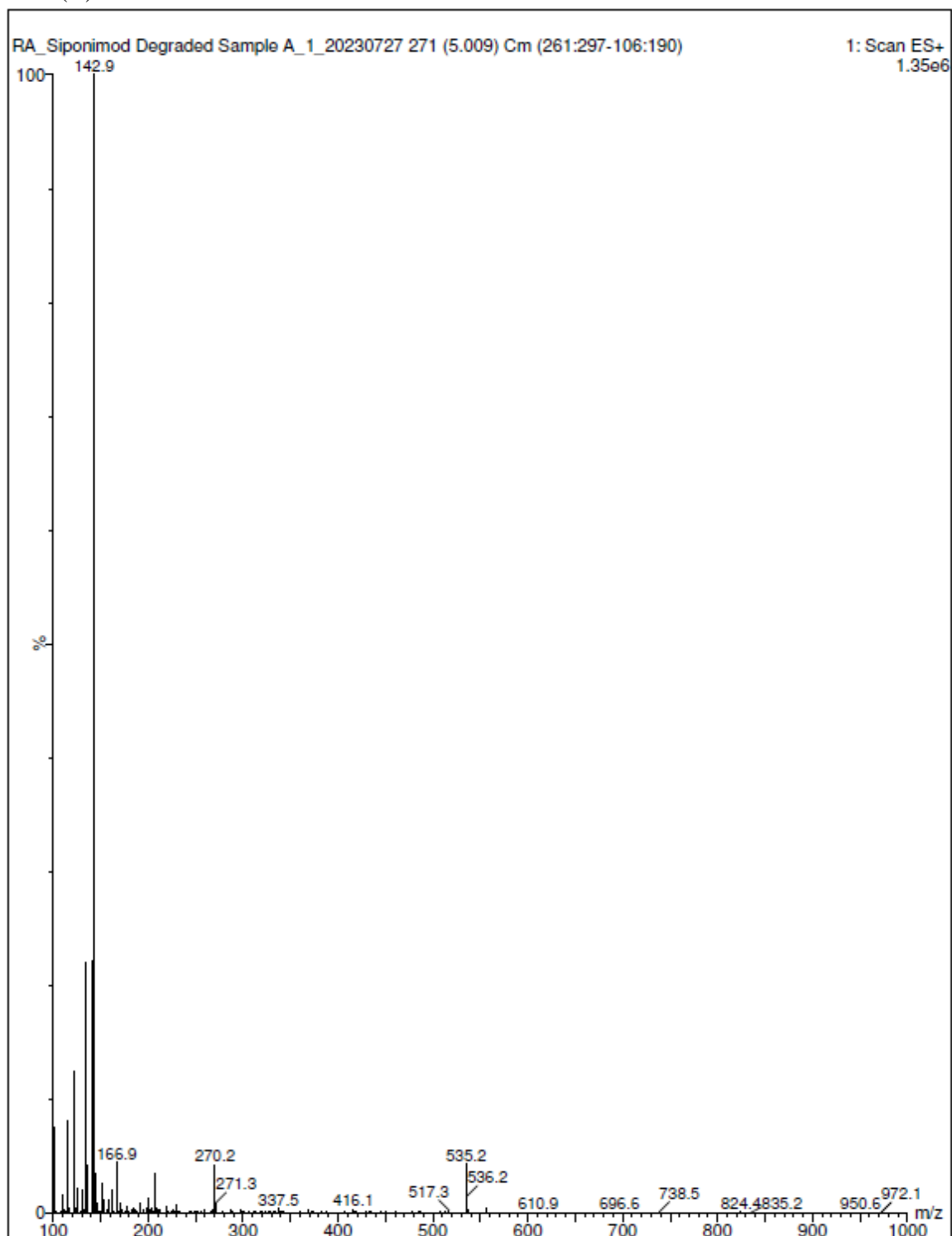


Supplementary Figure 1. Mass spectra of freshly prepared siponimod solution (10 $\mu\text{g/mL}$). (A) shows siponimod (molecular weight 516.6 g/mol) at m/z 517, with a retention time of 5.79 minutes. (B) shows the mass spectrum at 4.99 minutes with no recognizable peak at m/z of 535.

(A)

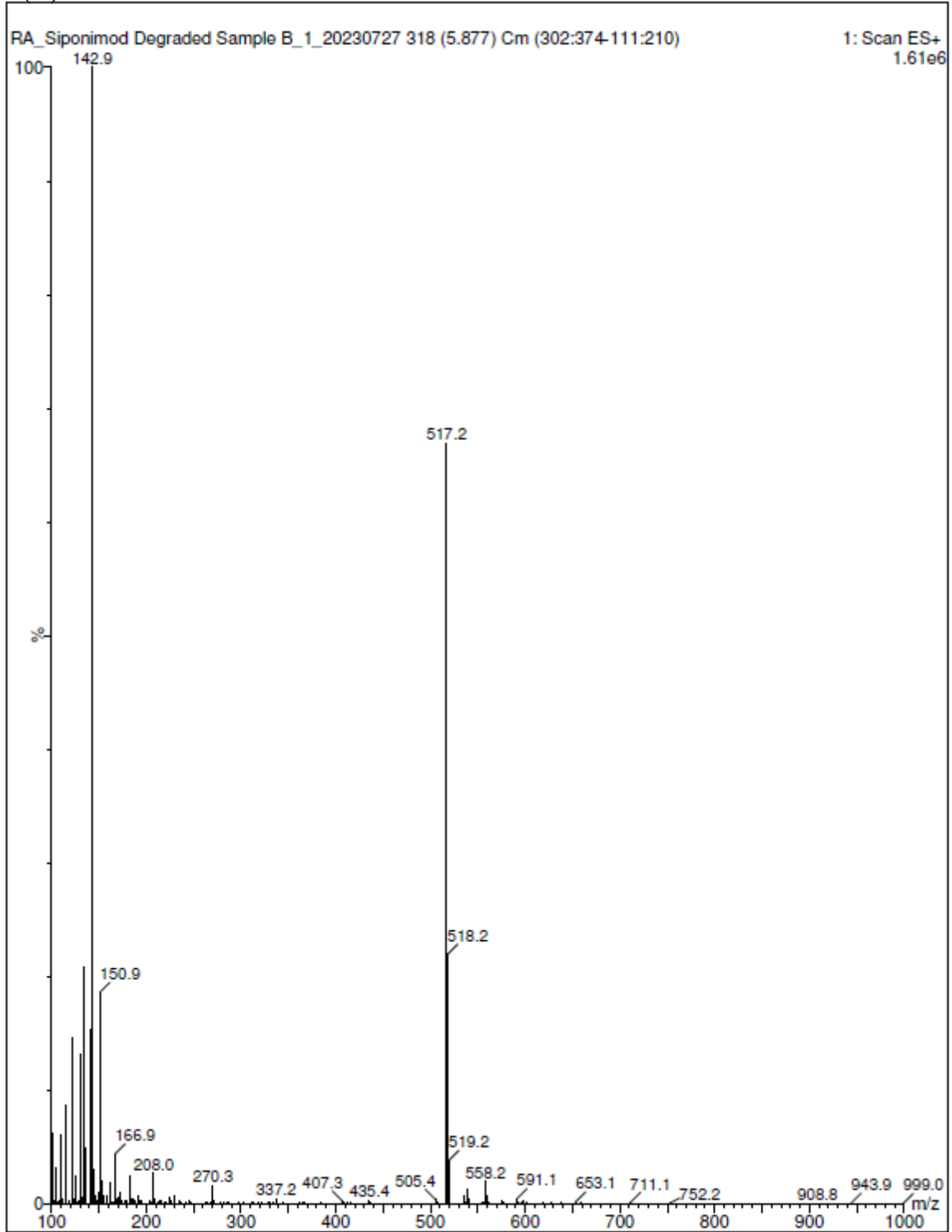


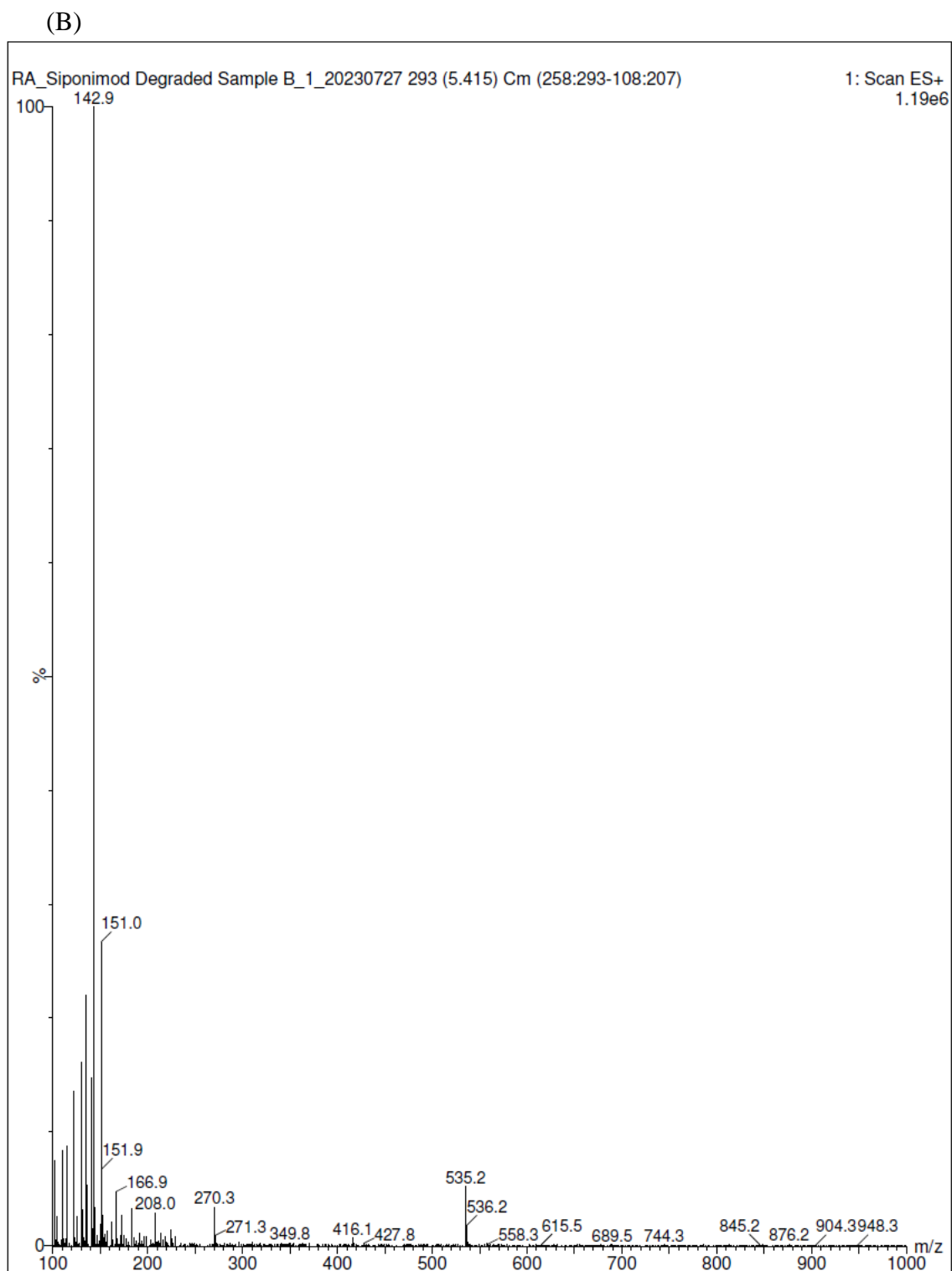
(B)



Supplementary Figure 2. Mass spectra of degraded sponimod solution (15 days at 40 °C). (A) mass spectrum showing sponimod at 517 m/z with a retention time of 5.98 minutes. (B) mass spectrum showing the degradation product of sponimod at m/z of 535 with a retention time of 5.00 minutes. This product uniquely appears in the degraded samples.

(A)





Supplementary Figure 3. Mass spectra of degraded siponimod solution (45 days at 40 °C). (A) mass spectrum showing siponimod at 517 m/z with a retention time of 5.97 minutes. (B) mass spectrum showing the degradation product of siponimod at m/z of 535 with a retention time of 5.00 minutes. This product uniquely appears in the degraded samples.