Supplementary Material

Modification of BSA with Aminophenyl Boronic Acid as Glycan Sensor based on Surface Plasmon Resonance and Isothermal Titration Calorimetry

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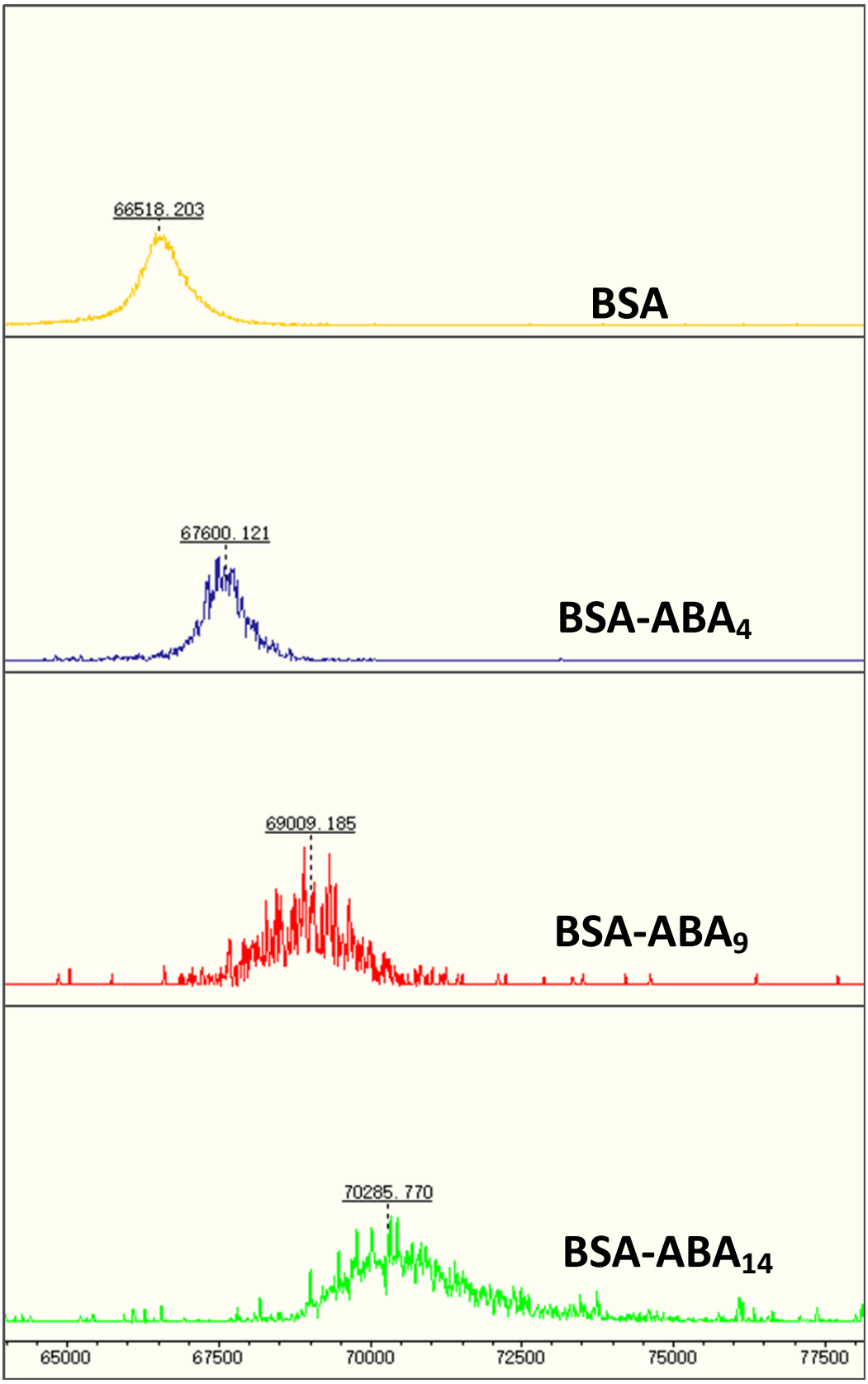

Figure 1. MALDI-TOF mass spectra of **BSA-ABA** conjugates.

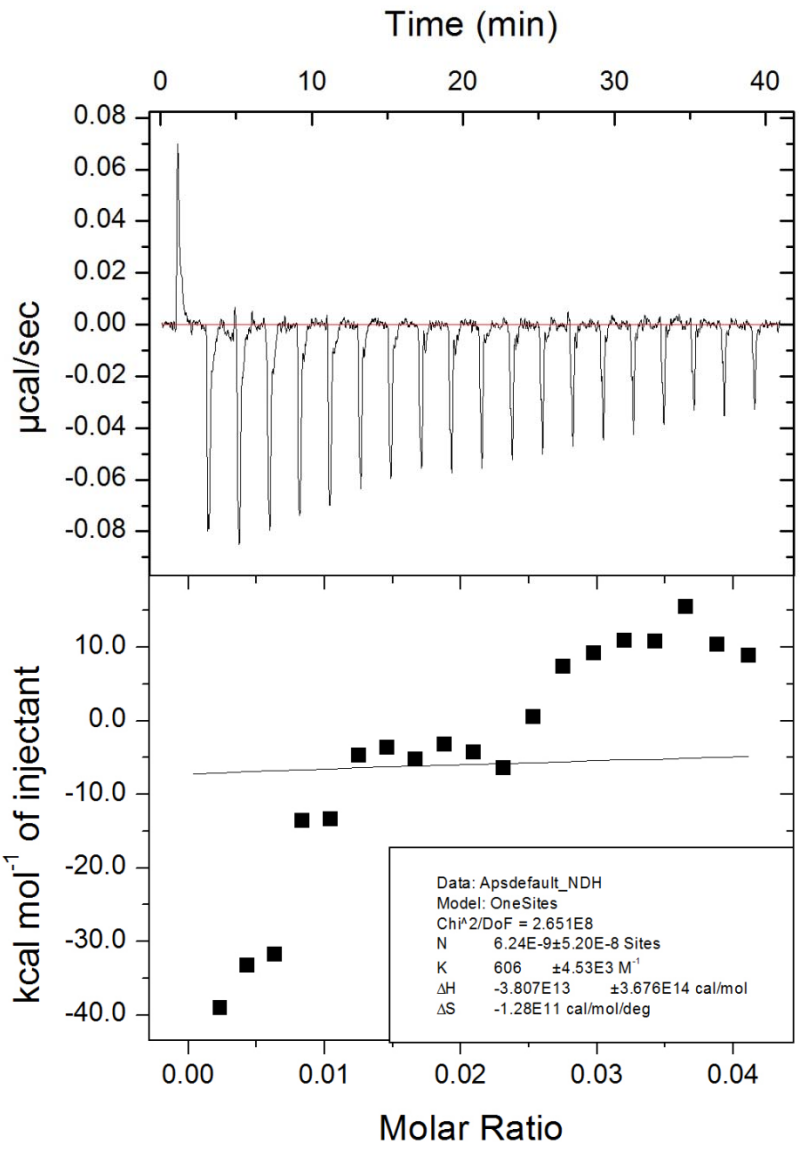

Figure 2. ITC titration curves obtained at 298 K for the titration of **BSA-ABA$_{14}$** with **Alkynyl-polymer**. The top panel shows the raw calorimetric data, Binding parameters were auto-generated after curve fitting using Microcal Origin. Data showed no binding or weak binding with K'_D in mM range .

	KA(1/M)	KD(M)	Rmax	n	Chi2
	2.04e4	4.91e-5	399		24.1
Req vs. Conc				1	

Figure 3. SPR state steady analysis of the interactions between **BSA-ABA$_{14}$** and **Gal-polymer**.