

SUPPORTING INFORMATION FOR MANUSCRIPT TITLED
“Chemoenzymatic Synthesis of Oligohyaluronan-Lipid Conjugates”

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Figure S1. MALDI-TOF (negative mode) profile of HA-DiPhPE digested over different time intervals with hyaluronidase

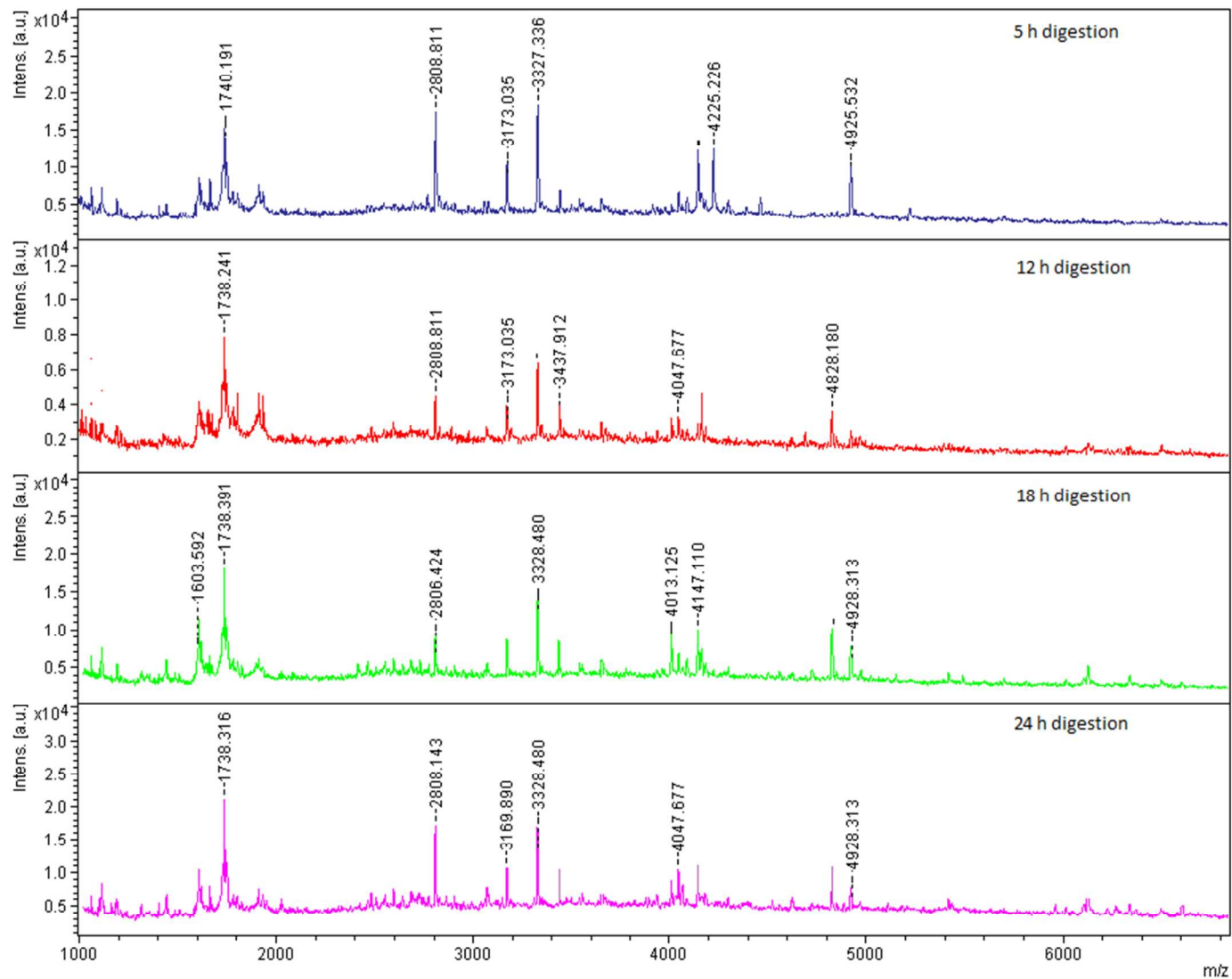
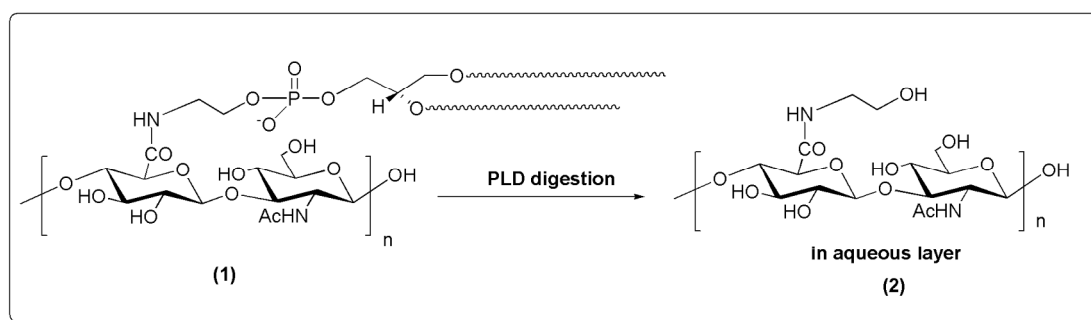
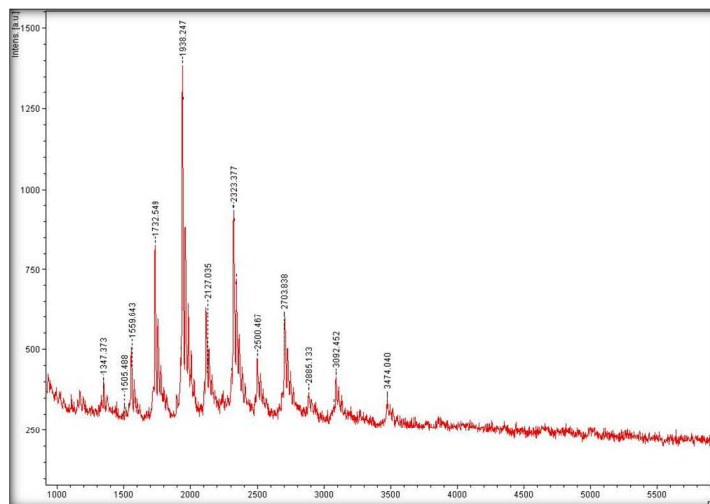


Figure S2. MALDI-TOF (negative mode) analysis of aqueous layer obtained after Phospholipase digestion of HA_n-DiPhPE



Parent HA _n -DiPhPE (1)	Observed MW of HA (2)	Expected MW of HA (2)
HA ₁₀ -DiPhPE	1938	1939 (M-H ₂ O)
HA ₁₀ -DiPhPE	1957	1957 (M)
HA ₁₀ -(DiPhPE) ₂	1981	1982 (M-H ₂ O)
HA ₁₂ -DiPhPE	2321	2318 (M-H ₂ O)
HA ₁₂ -DiPhPE	2338	2336 (M)
HA ₁₂ -(DiPhPE) ₂	2360	2361 (M)
HA ₁₄ -DiPhPE	2703	2698 (M-H ₂ O)
HA ₁₄ -(DiPhPE) ₂	2741	2741 (M-H ₂ O)
HA ₁₆ -DiPhPE	3092	3095 (M)



Representative MALDI profile