

Supporting Information

Chemical Pathways of Epoxidized and Hydroxylated Fatty Acid Methyl Esters and Triglycerides with Phosphoric Acid

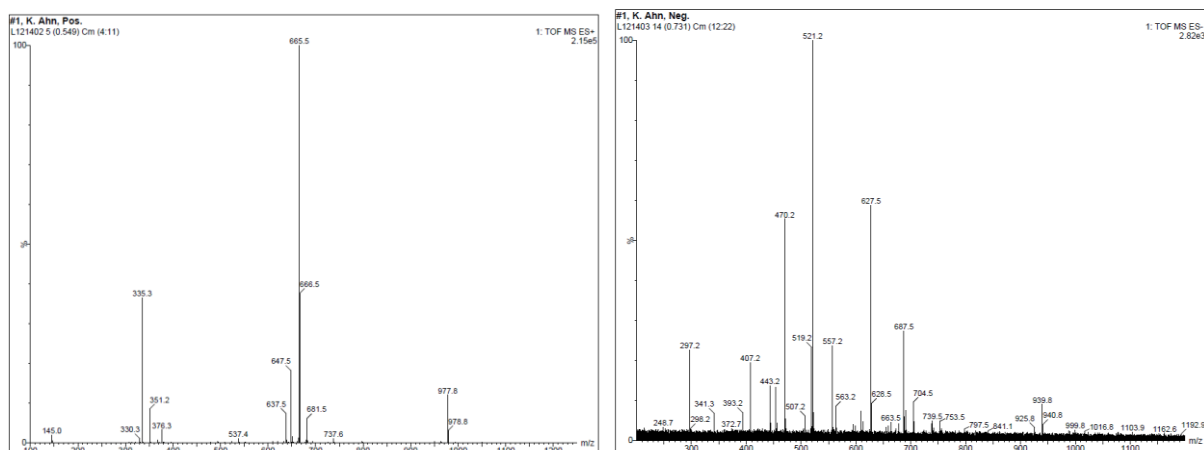
Kollbe Ahn¹, Stefan Kraft², Susan Sun^{1}*

¹Bio-Materials & Technology Lab, Department of Grain Science & Industry, Kansas State

University, Manhattan, KS 66506

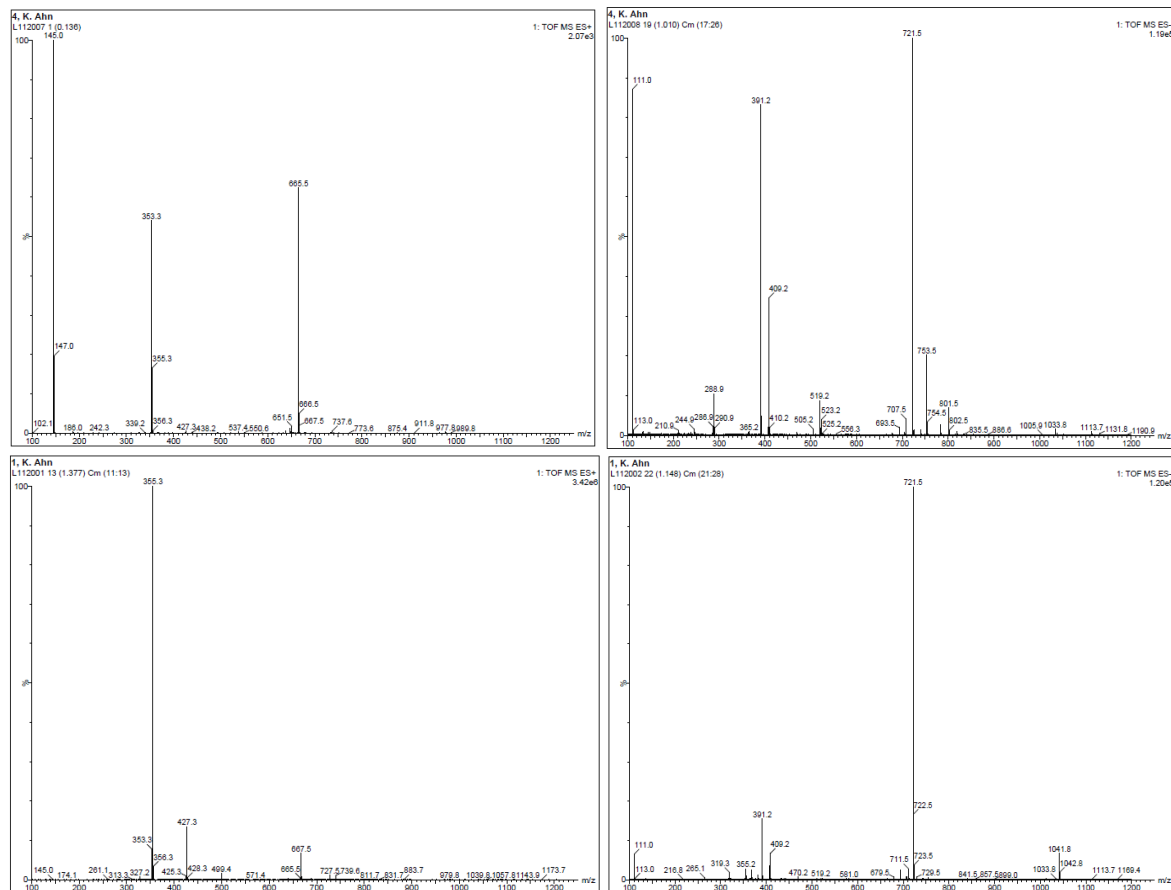
²Department of Chemistry, Kansas State University, Manhattan, KS 66506

Figure S1



Positive ESI-MS (left) and negative ESI-MS (right) of **Polymer-5-6-T**

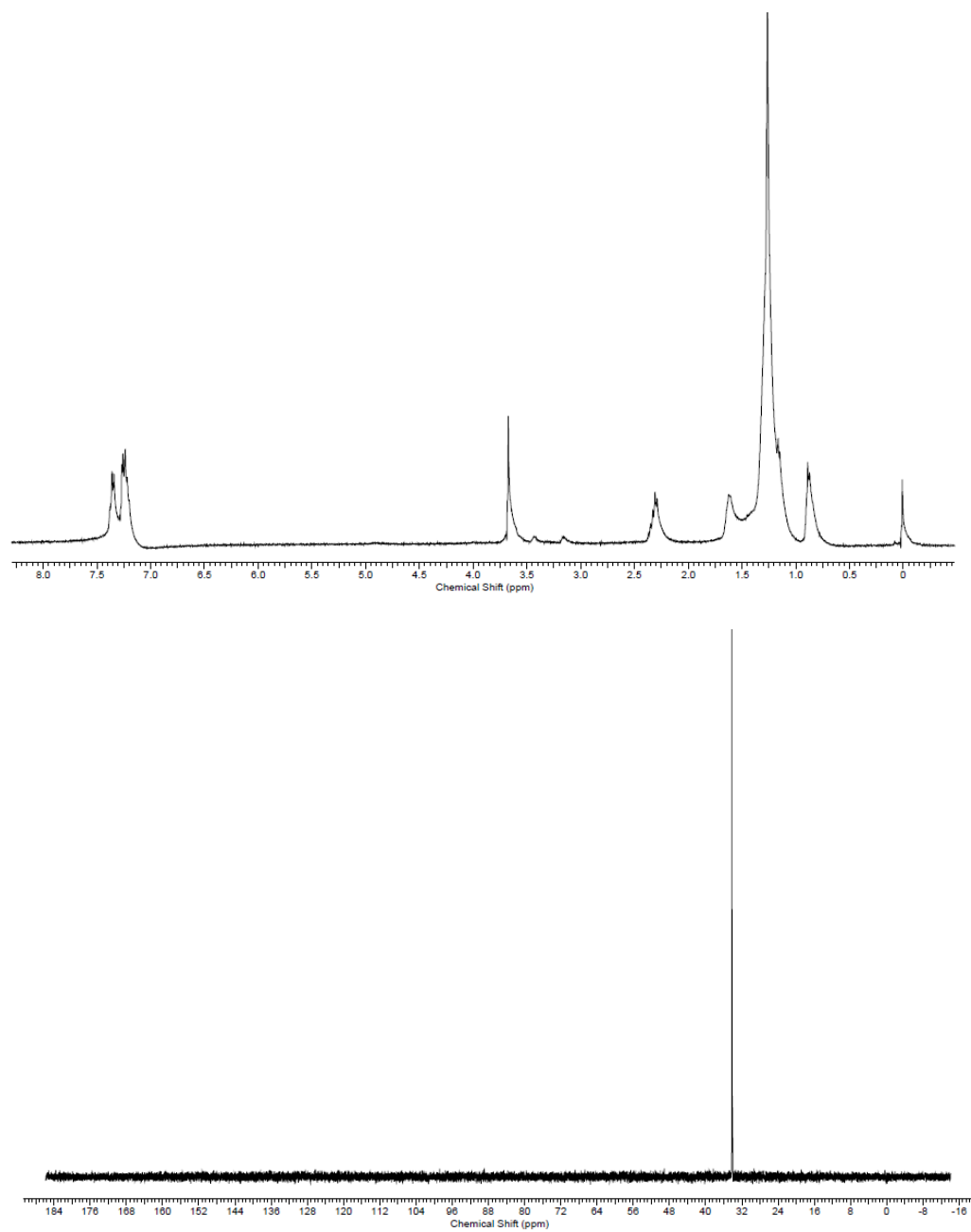
Figure S2



Top: Unlabeled reaction of positive ESI-MS (left) and negative ESI-MS (right) of **Polymer-5-6-P**.

Bottom: O^{18} labeled reaction of positive ESI-MS (left) and negative ESI-MS (right) of **Polymer-5-6-P**.

Figure S3



Top: ^1H NMR of **9a-b**. Bottom: ^{31}P NMR of **9a-b**