

**Supporting information for:**  
**Time resolved laser spectroscopy for the in situ**  
**characterization of methacrylate monomer flow**  
**within Spruce**

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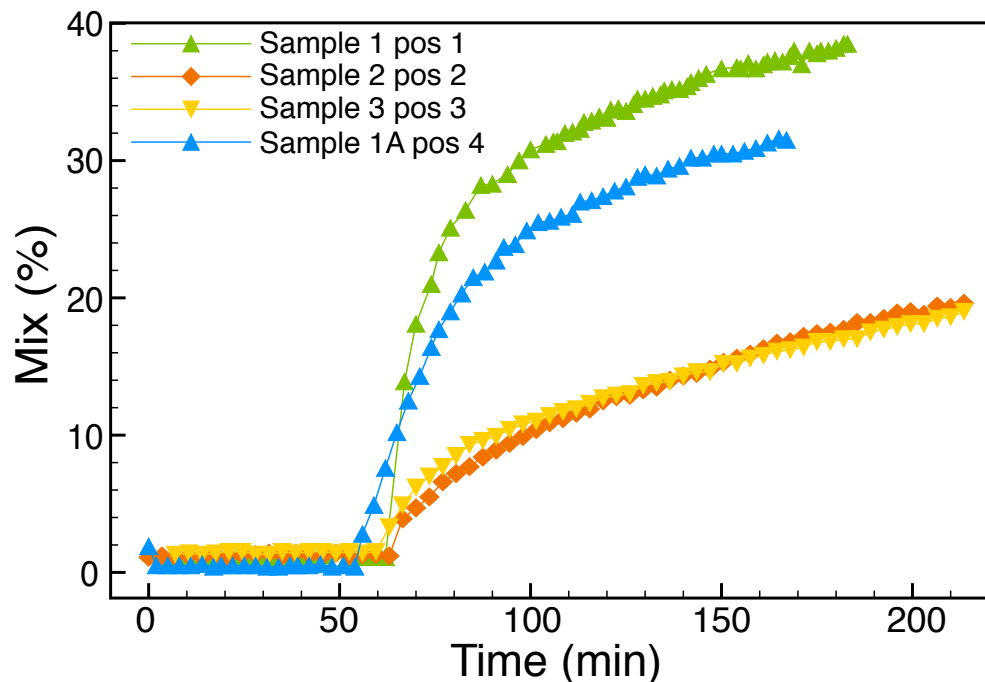


Figure S1: Percentage of monomer relative to the total mass of the treated sample, per  $\text{cm}^3$  calculated from spectra taken at a specific positions along the length of treated spruce and monitored over time. Time = 0 min, monomer added to the sample and vacuum applied. Time = 60 min ( $\pm 5$  min), vacuum released and samples allowed to soak.

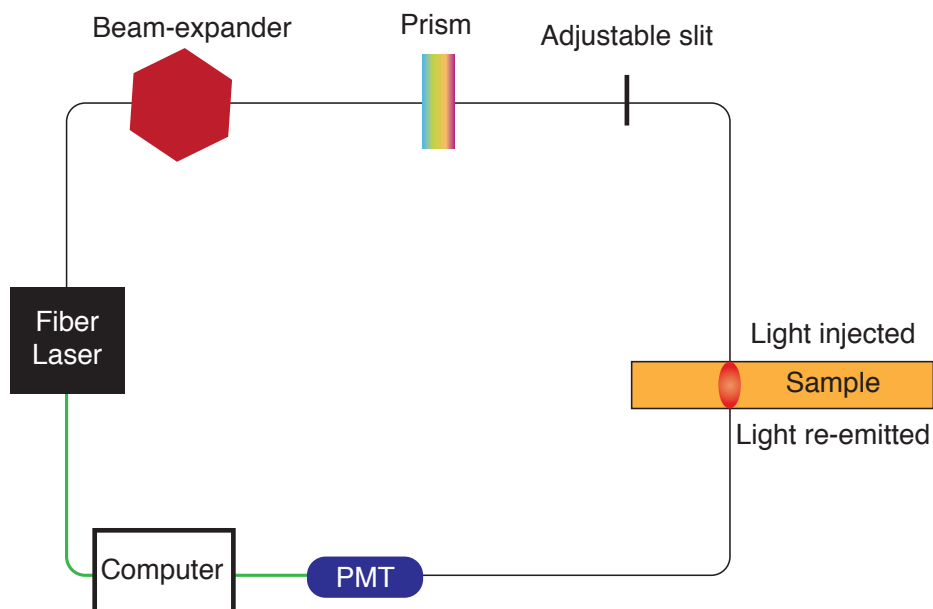


Figure S2: Schematic of a simplified version of the optical set-up.