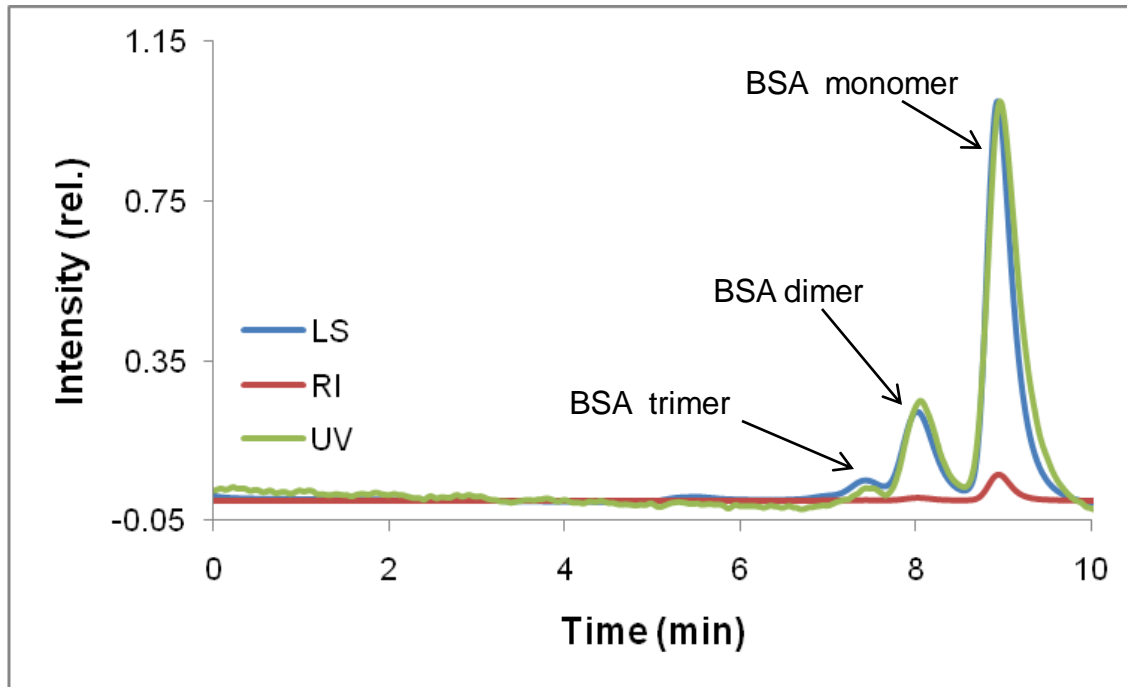


## Light Scattering Detection of BSA on Zenix SEC-300 (3 $\mu$ m, 300 $\text{\AA}$ , 7.8x300mm)

The chromatogram shows an overlay of the ultraviolet (UV), differential refractive index (RI) and multi angle light scattering data (MALS) for a sample of bovine serum albumin; showing the monomer, dimer and trimer. The chromatogram illustrates the power of light scattering used with Sepax's Zenix SEC in protein characterization. The light scattering data makes it possible to determine the molecular weight of the monomer, dimer and trimer.



Column: Zenix SEC-300 (3 $\mu$ m, 300 $\text{\AA}$ , 7.8x300mm)  
 Mobile Phase: 0.1M Phosphate Buffer  
 Flow Rate: 1.0 mL/min  
 Temperature: 25 $^{\circ}$ C  
 Triple Detection: Hitachi-Elite LaChrom L-2130 pump equipped with a multi-angle light scattering detector (DAWN-HELIOS: Wyatt Technology), a refractive index detector (Hitachi L-2490) and a UV-Vis detector (Hitachi 2420)  
 Injection Volume: 20  $\mu$ L  
 Samples: BSA (20mg/mL)

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