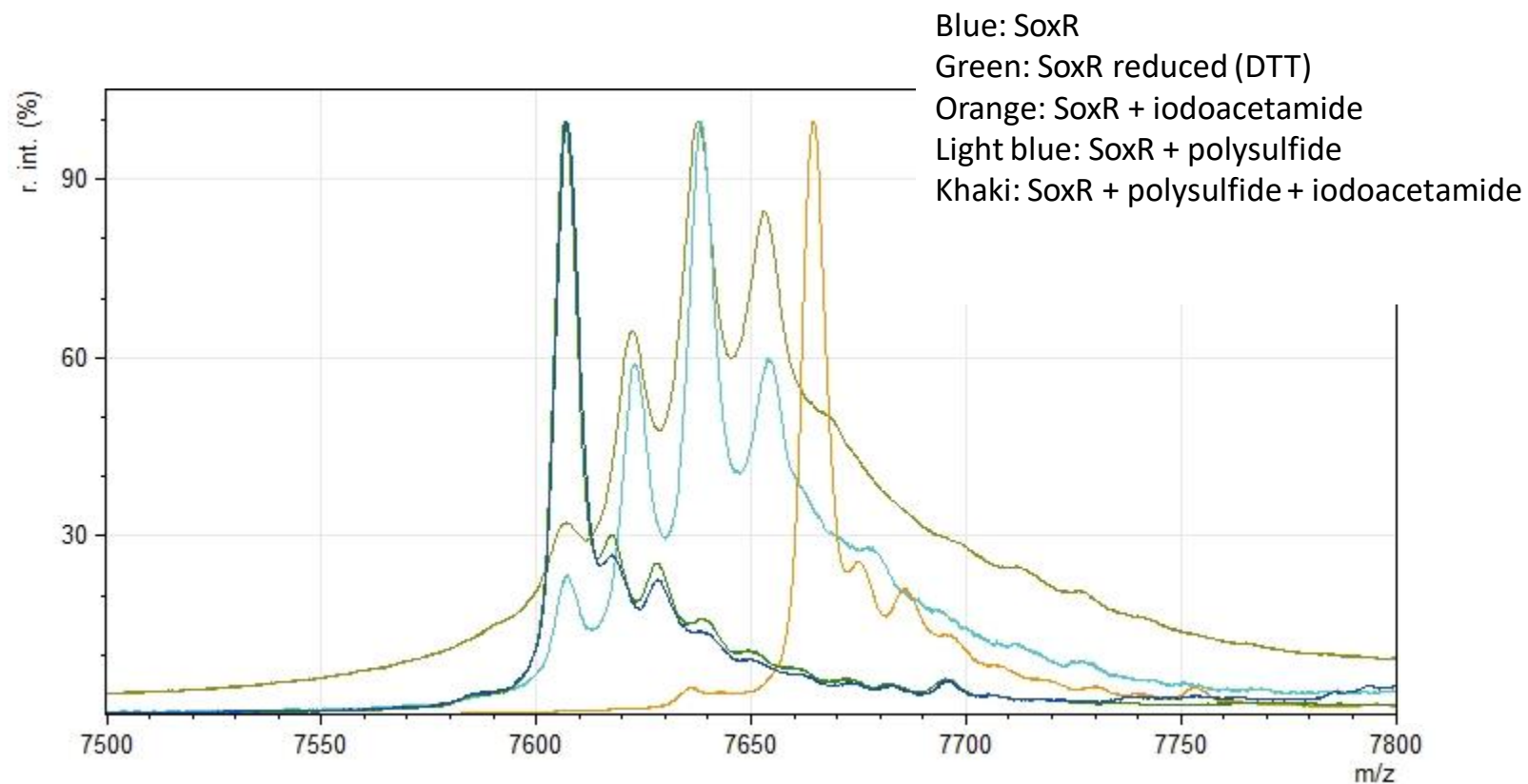


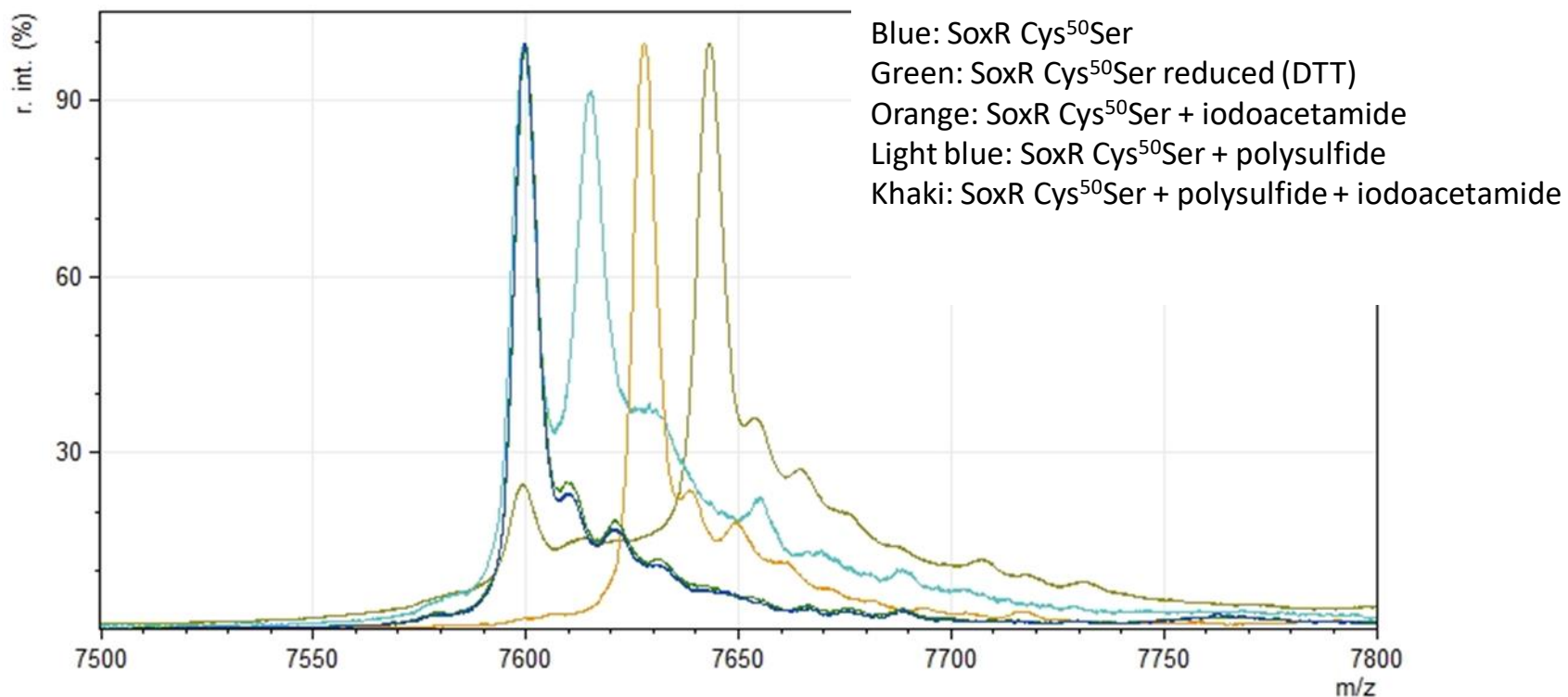
Figure S1. Mass spectra for SoxR and variants with Cys-Ser exchanges

SoxR wildtype



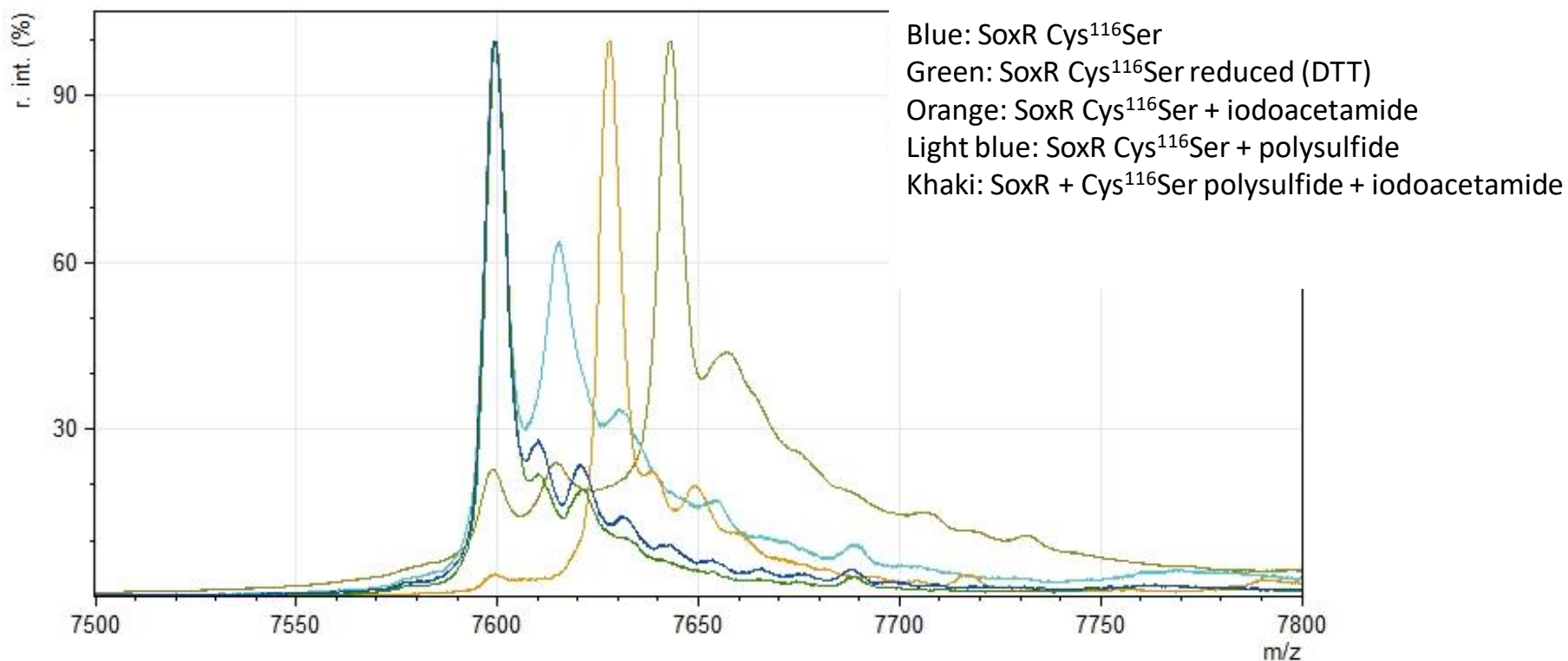
Masses are shown for the $mz/2$ species. Mass spectra obtained for the CuCl_2 oxidized protein were almost identical to those for the as isolated protein and are not shown for clarity.

SoxR Cys⁵⁰Ser



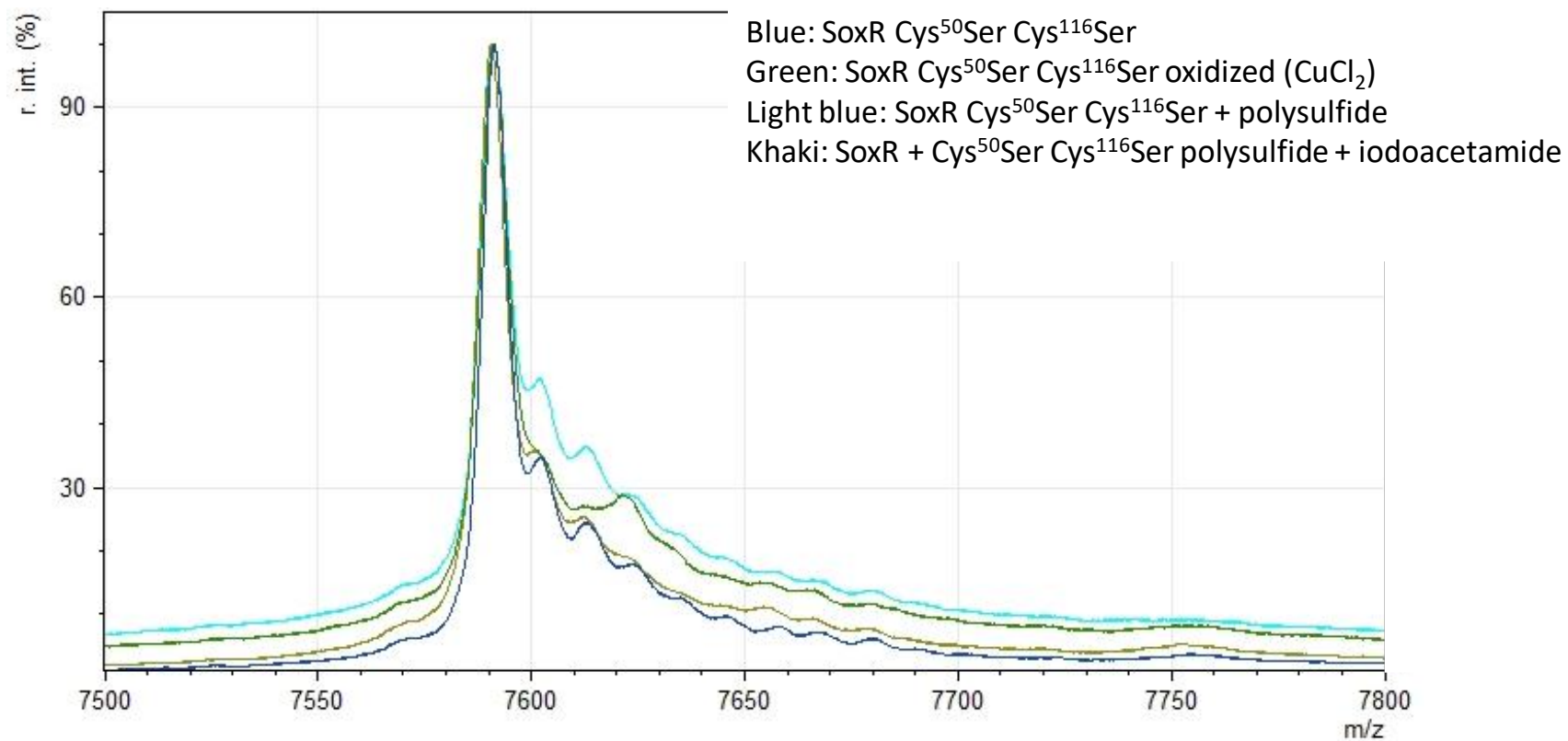
Masses are shown for the $mz/2$ species. Mass spectra obtained for the CuCl_2 oxidized protein were almost identical to those for the as isolated protein and are not shown for clarity.

SoxR Cys¹¹⁶Ser



Masses are shown for the $mz/2$ species. Mass spectra obtained for the CuCl_2 oxidized protein were almost identical to those for the as isolated protein and are not shown for clarity.

SoxR Cys⁵⁰Ser Cys¹¹⁶Ser



Masses are shown for the $mz/2$ species.