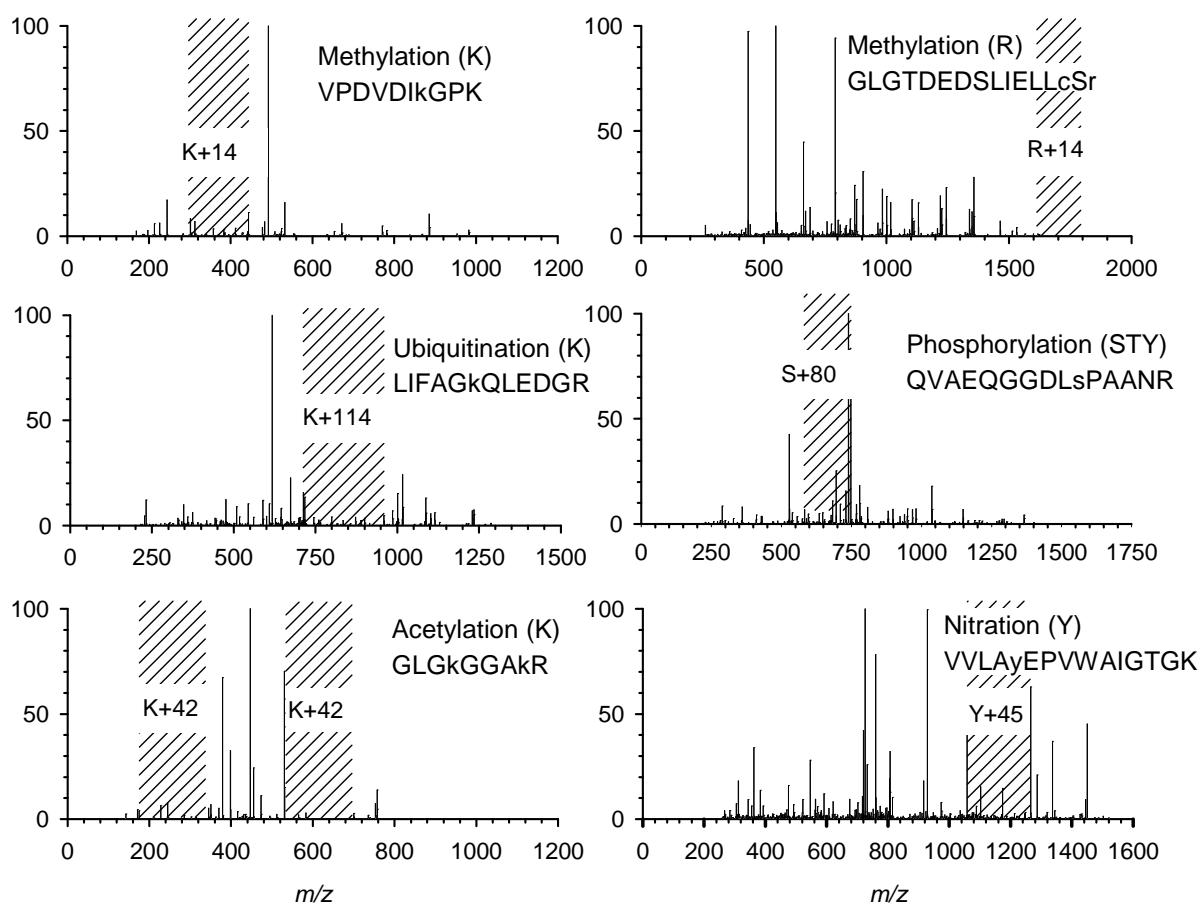


PTM-works – PTM Profiling

MS Bioworks PTM Profiling service (MSB-09) combines trypsin digestion with state of the art LC/MS/MS, employing Electron Transfer Dissociation (ETD), Collision Induced Dissociation (CID) and Higher Energy Collision Induced Dissociated (HCD) fragmentation regimes. Data are searched with the target PTM as a variable modification, common example PTMs and product ion spectra are shown below:



Our PTM Profiling service is best suited to targeting individual proteins, our methods are compatible with most buffers and we recommend submitting at least 1 μ g of material, in gel or solution. We provide a report summarizing the proteins identified, sites of modification for the target PTM along with localization probability based on A-Score. MSB-09 can be ordered directly from our website at www.msbioworks.com.