



Figure S1. Purity of NAD in internal standard extract alone. Representative chromatogram with peak integration for LC-HRMS analysis of NAD labeling in internal standard extract. Labeling purity was calculated by the area under the curve (AA) as the percentage of $\text{NAD}/(\text{NAD} + ^{13}\text{C}_3^{15}\text{N}_1\text{-NAD})$. For this experiment this corresponded to $109549/(109459+29135834)= 99.63\%$ labeling.