Blood from trauma rats (laparotomy with bowel crush, no hemorrhagic shock) was withdrawn before trauma, preceding injection (baseline – B) of labeled 13C-glucose (iLC). Blood was then collected at 5, 10, 15 and 35 minutes after iLC. Metabolites of glycolysis and Krebs cycles were monitored, as they have been previously shown to increase in plasma after trauma/hemorrhagic shock [14]. In left, the total levels of the metabolite (integrated peak areas – arbitrary units) are indicated through stacked bar graphs, including the unlabeled parent (blue – M+0) and heavy isotopologues (either M+2, M+3, M+4 or M+6 depending on the expected labeling pattern from catabolism of 13C-glucose – a schematic overview is provided in the upper right corner). In the right hand panels, only heavy isotopologues (red, yellow, orange, green) are shown. Metabolic profiles were not affected by trauma alone. Extended version of in text Figure 4.