Figure (a) shows the net production rates of ozone ($O_3$) for different scenarios: $O_3$, mod – OVOCs – NO$_2$, $O_3$, mod – OVOCs, $O_3$, mod – NO$_2$. The net production rates are indicated as $P(O_3)_{net}$ (ppb h$^{-1}$). Figure (b) similarly displays the net production rates of PAN for the scenarios: PAN mod – OVOCs – NO$_2$, PAN mod – OVOCs, PAN mod – NO$_2$, with the net production rates denoted as $P(PAN)_{net}$ (ppb h$^{-1}$).