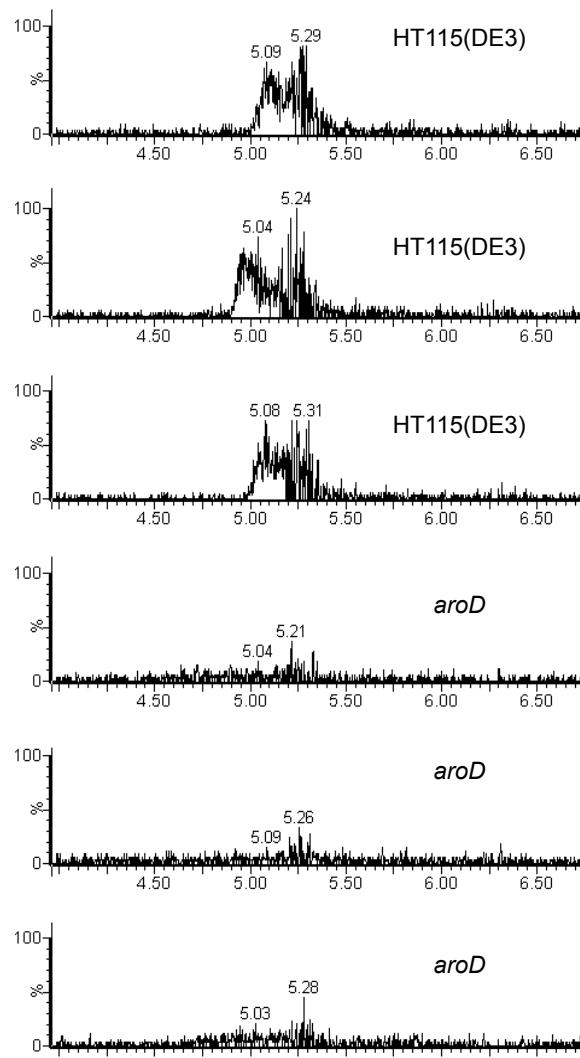
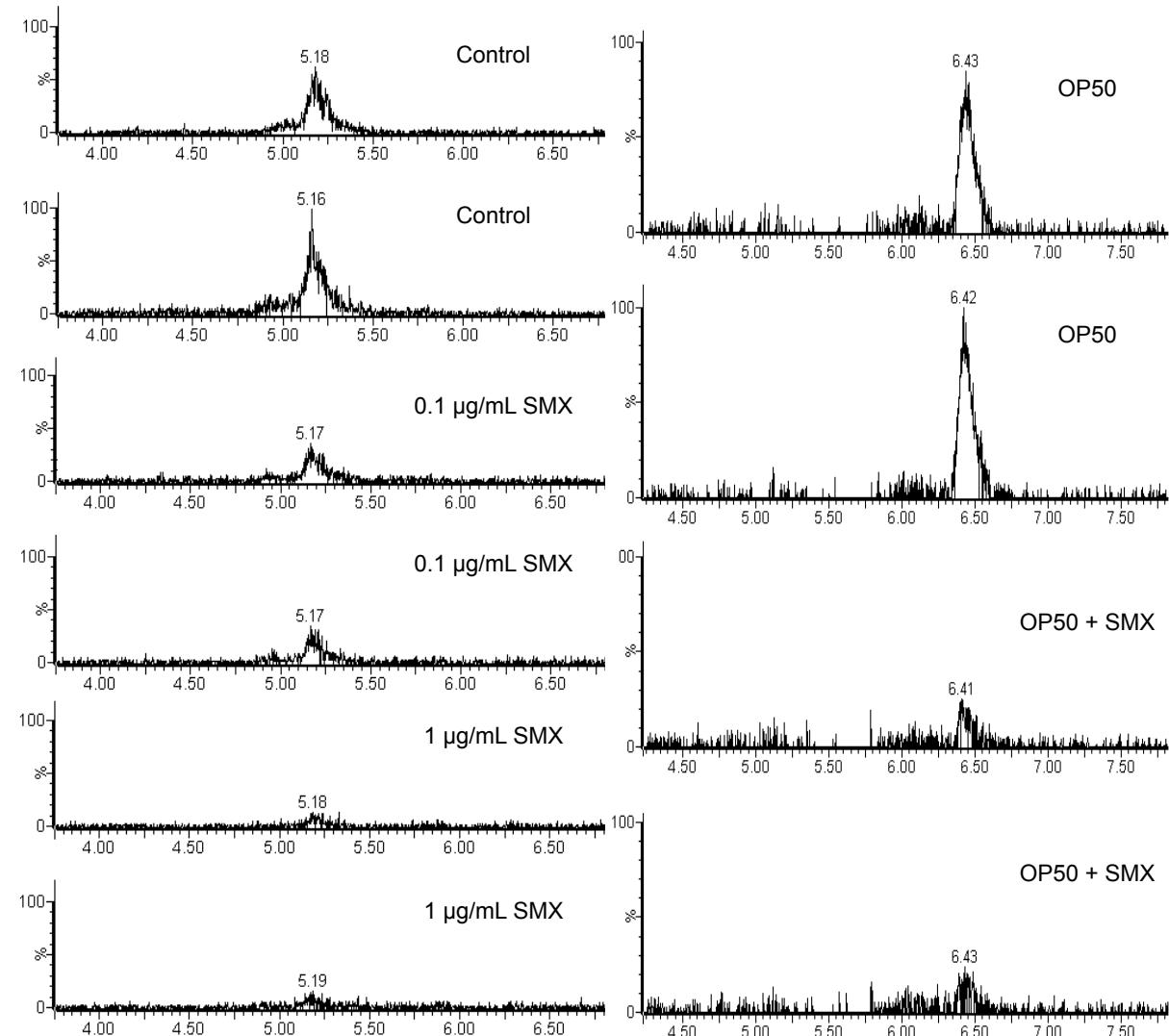


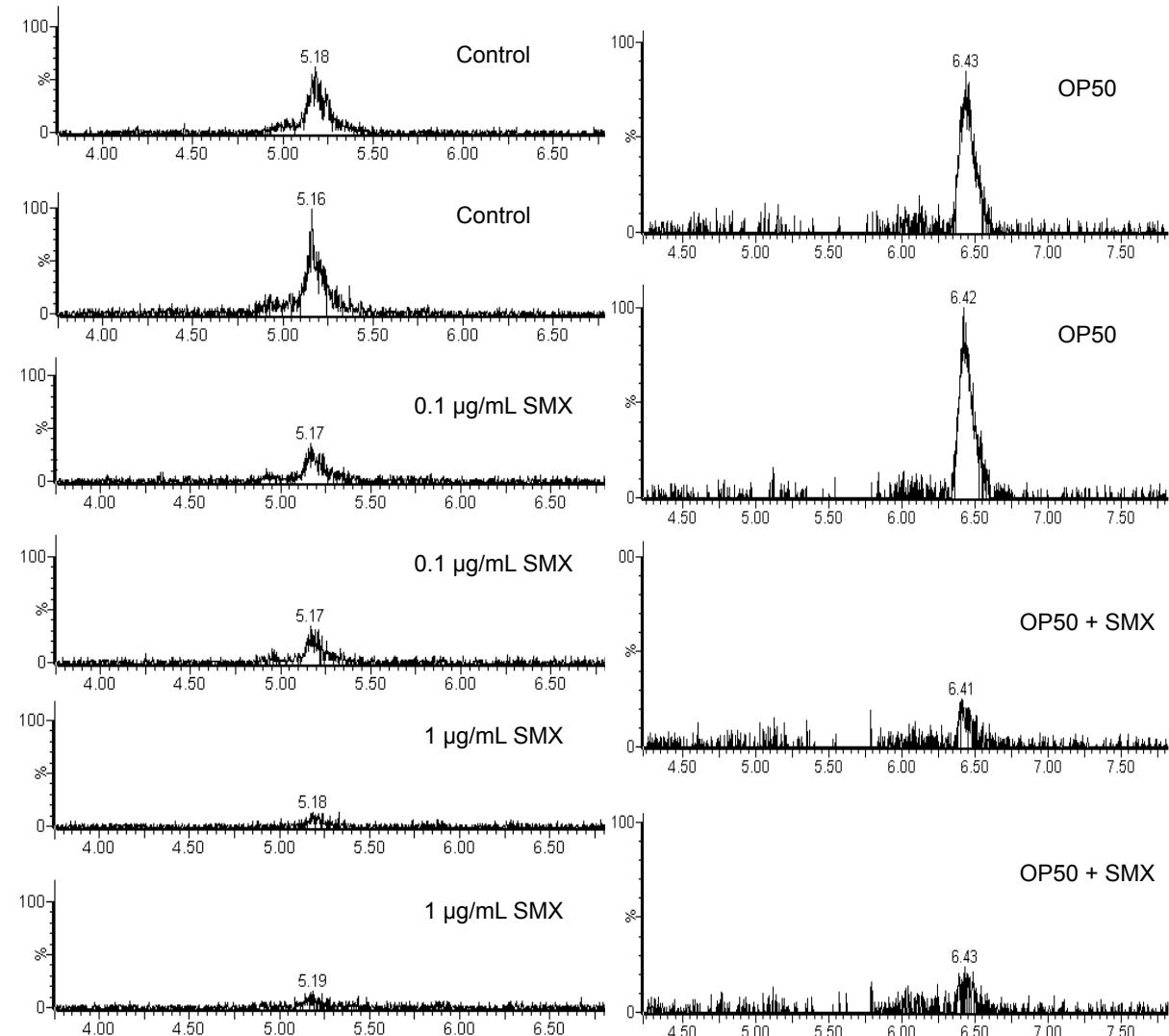
(A) HT115(DE3) vs aroD



(B) OP50 E. coli + SMX



(C) C. elegans on OP50 + SMX



(A) Comparison of formylTHF Glu_3 levels on HT115(DE3) and HT115(DE3)aroD *E. coli*, 3 biological replicates each ($m/z = -730.244 \pm 0.1$ Da)

(B) Traces of formylTHF Glu_3 levels in OP50 *E. coli* and OP50 treated with 0.1 µg/ml and 1 µg/ml SMX, 2 biological replicates each ($m/z = -730.244 \pm 0.1$ Da)

(C) HPLC-MS traces of 5-methylTHF Glu_5 levels in *C. elegans* grown on OP50 *E. coli* and OP50 plus 128 µg/ml SMX, 2 biological replicates for each condition ($m/z = -974.344 \pm 0.1$ Da)