Supplementary Information

to

Persistence and Repair of Bifunctional DNA Adducts in Tissues of Laboratory Animals Exposed to 1,3-Butadiene by Inhalation

by

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Figure S-1. Kinetic analysis of the removal of racemic (*S,S + R,R*) and *meso bis*-N7G-BD adducts from mouse liver DNA following treatment of B6C3F1 mice with 625 ppm 1,3 butadiene by inhalation for ten days.

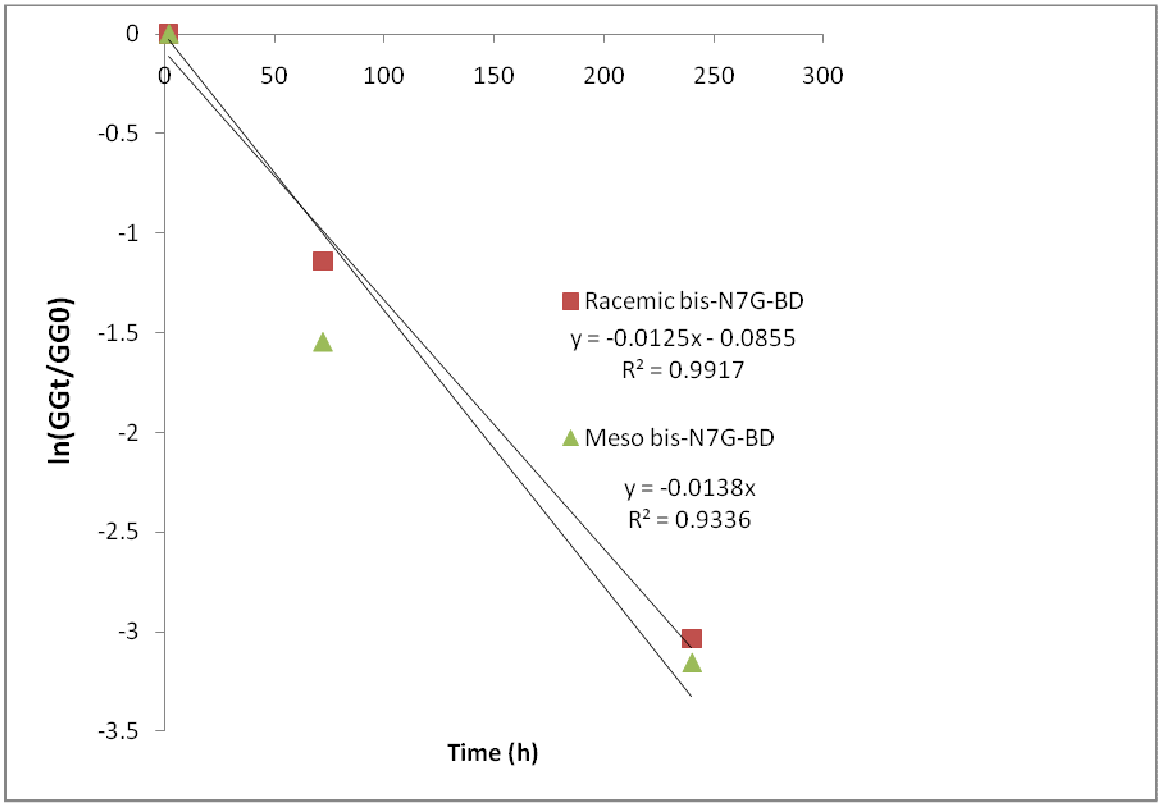

Figure S-2. Kinetic analysis of the removal of N7G-N1A-BD adducts from mouse liver DNA following treatment of B6C3F1 mice with 625 ppm 1,3 butadiene by inhalation for ten days.

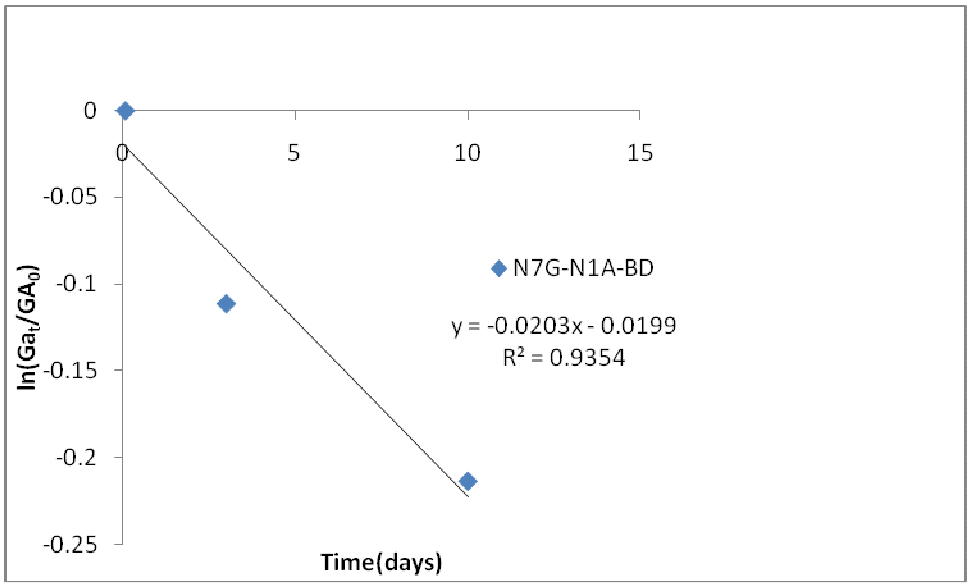

Figure S-3. Kinetic analysis of the removal of *1*,N^6-HMHP-dA adducts from mouse liver DNA following treatment of B6C3F1 mice with 625 ppm 1,3 butadiene by inhalation for ten days.

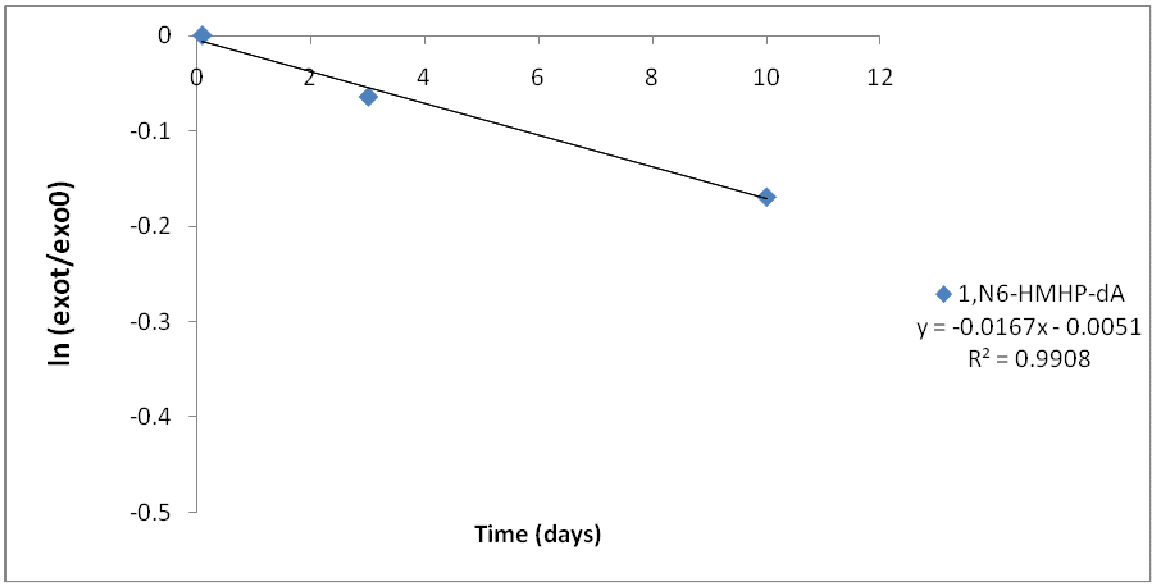

Figure S-4. Kinetic analysis of the removal of racemic (*S,S + R,R*) and *meso bis*-N7G-BD adducts from mouse kidney following treatment of B6C3F1 mice with 625 ppm 1,3 butadiene by inhalation for ten days.

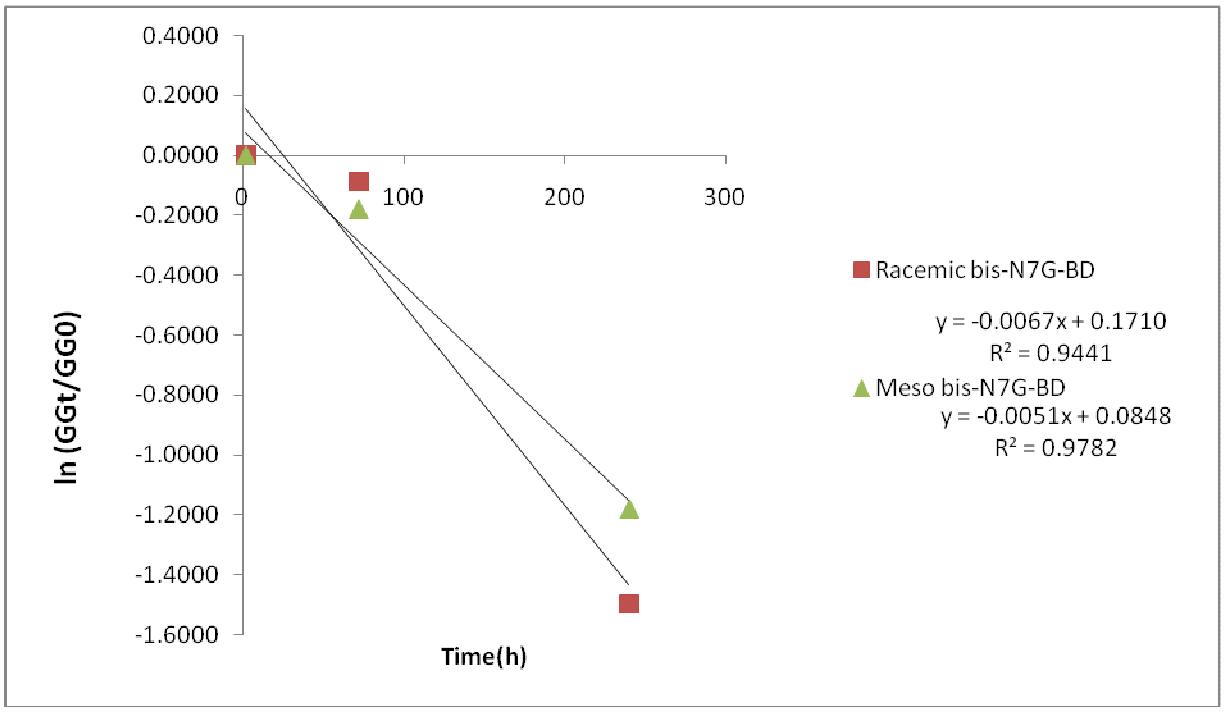

Figure S-5. Kinetic analysis of the removal of N7G-N1A-BD adducts from mouse kidney following treatment of B6C3F1 mice with 625 ppm 1,3 butadiene by inhalation for ten days.

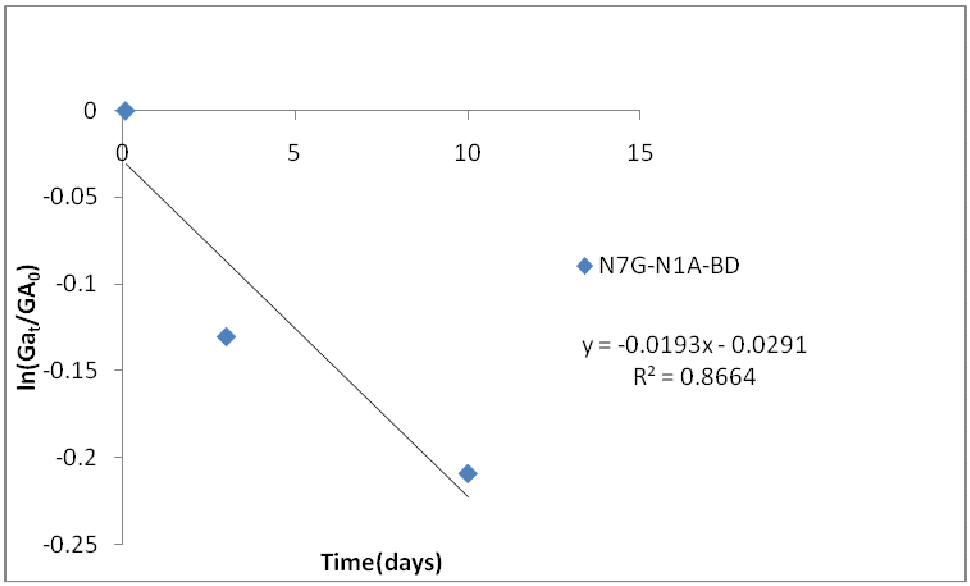

Figure S-6. Kinetic analysis of the removal of *1*,N^6-HMHP-dA adducts from mouse kidney DNA following treatment of B6C3F1 mice with 625 ppm 1,3 butadiene by inhalation for ten days.

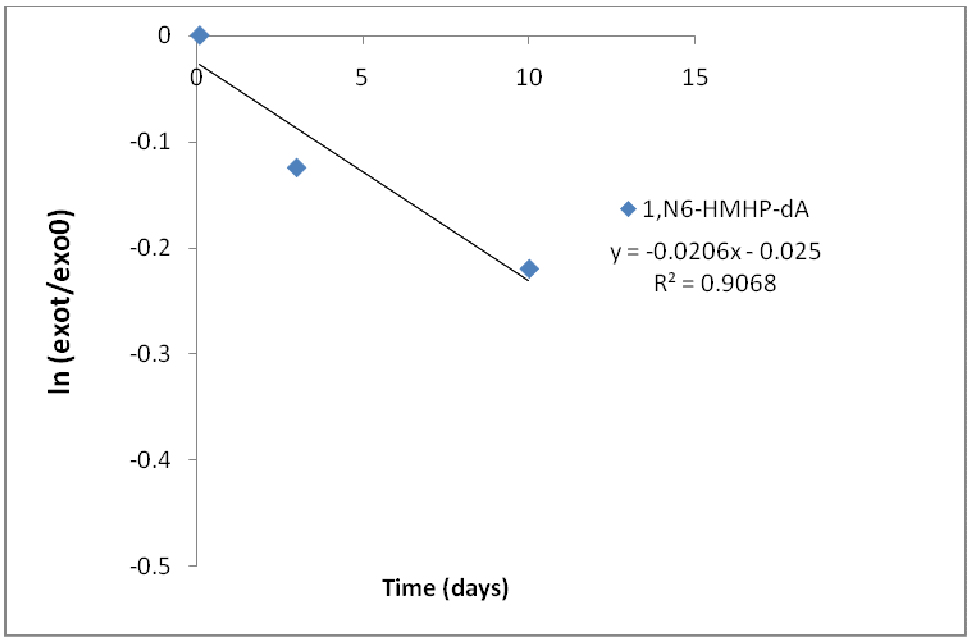

Figure S-7. Kinetic analysis of the removal of racemic (*S,S + R,R*) *bis*-N7G-BD adducts from mouse lung following treatment of B6C3F1 mice with 625 ppm 1,3 butadiene by inhalation for ten days.

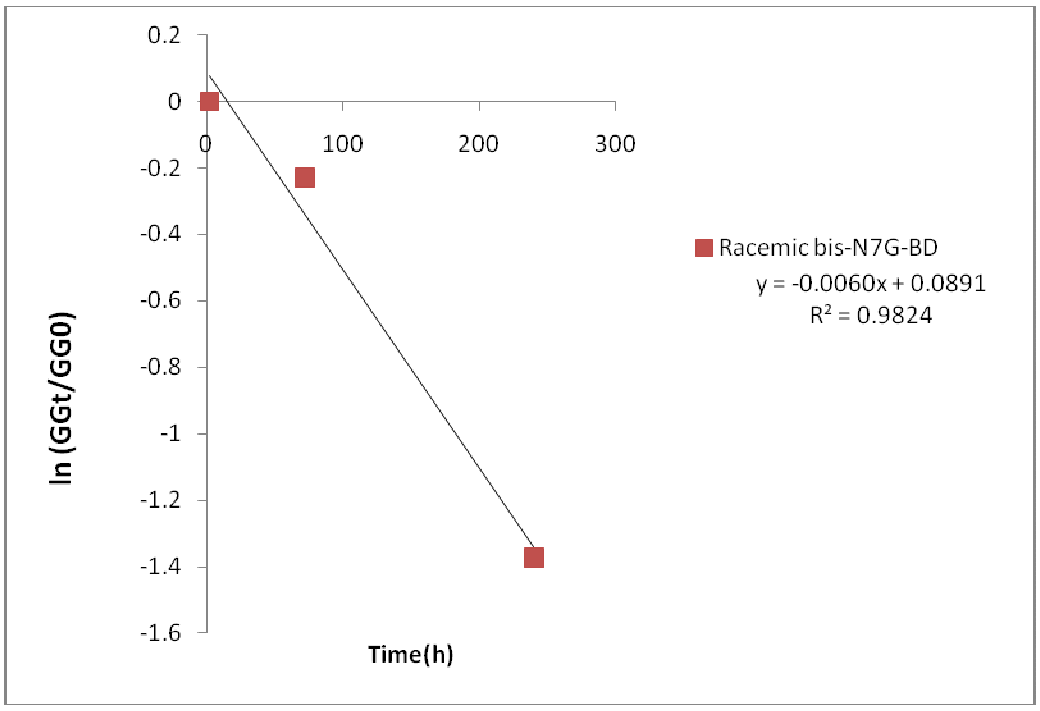

Figure S-8. Kinetic analysis of the removal of N7G-N1A-BD adducts from mouse lung following treatment of B6C3F1 mice with 625 ppm 1,3 butadiene by inhalation for ten days.

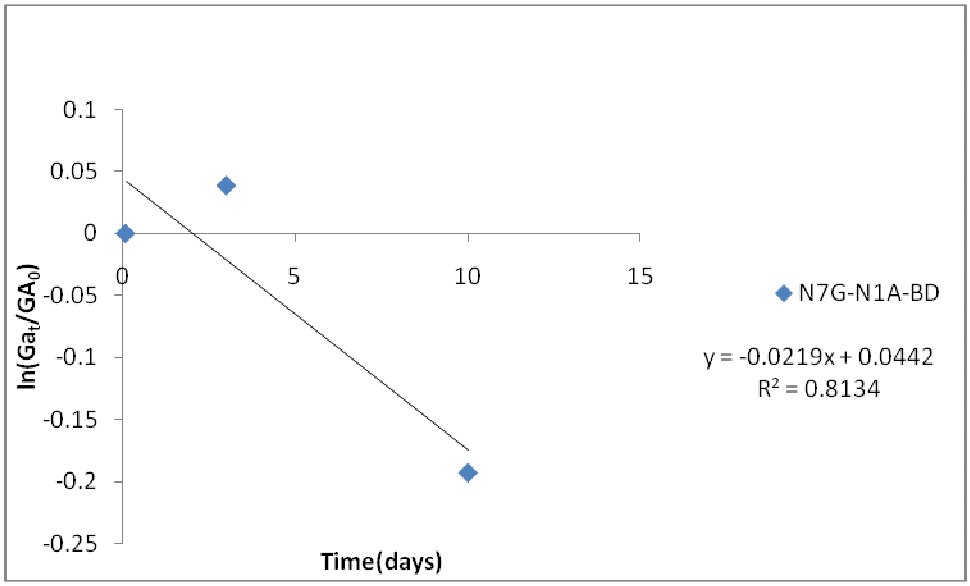

Figure S-9. Kinetic analysis of the removal of racemic (*S,S + R,R*) *bis*-N7G-BD adducts from rat liver DNA following treatment of F344 rats with 1250 ppm 1,3 butadiene by inhalation for ten days.