

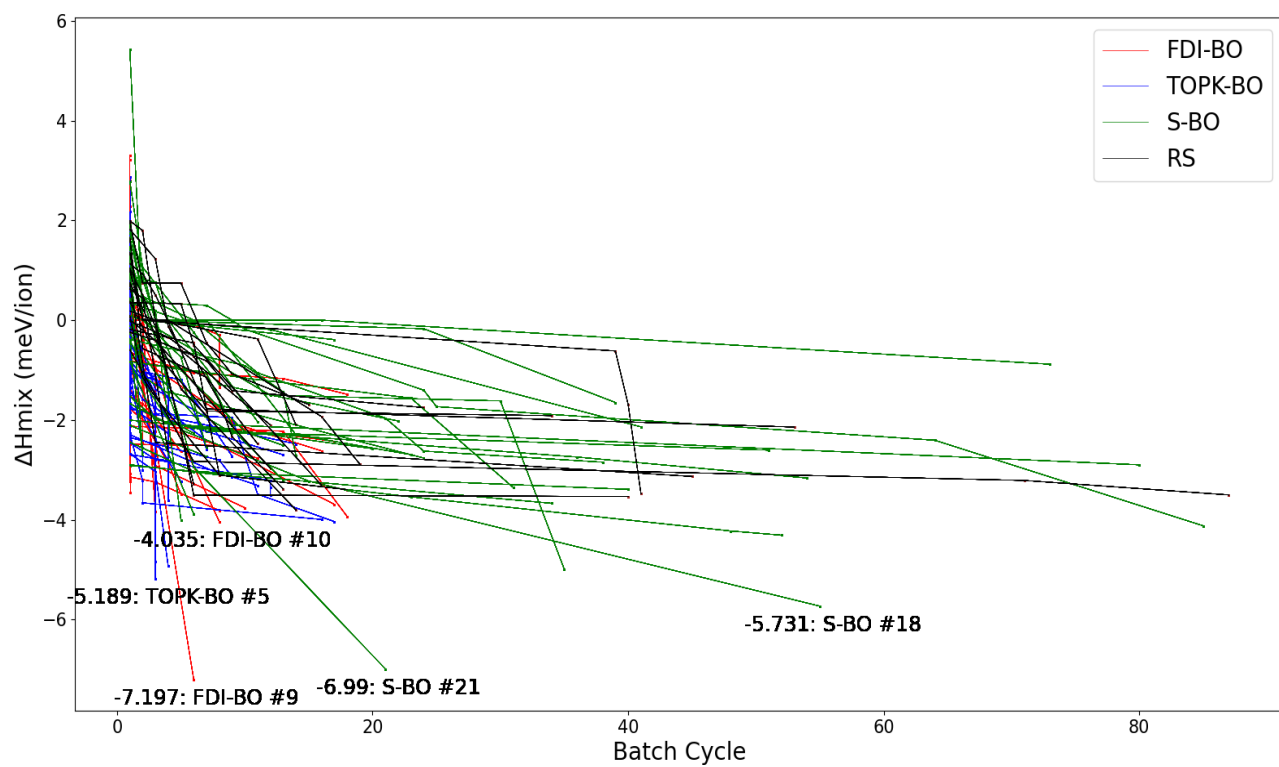
## **Supplementary Material for**

*Integrating Materials and Manufacturing Innovation*

Faux-Data Injection Optimization for Accelerating Data-Driven Discovery of  
Materials

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**Fig. S1:** Convergence Curves for 100 Sample Trials

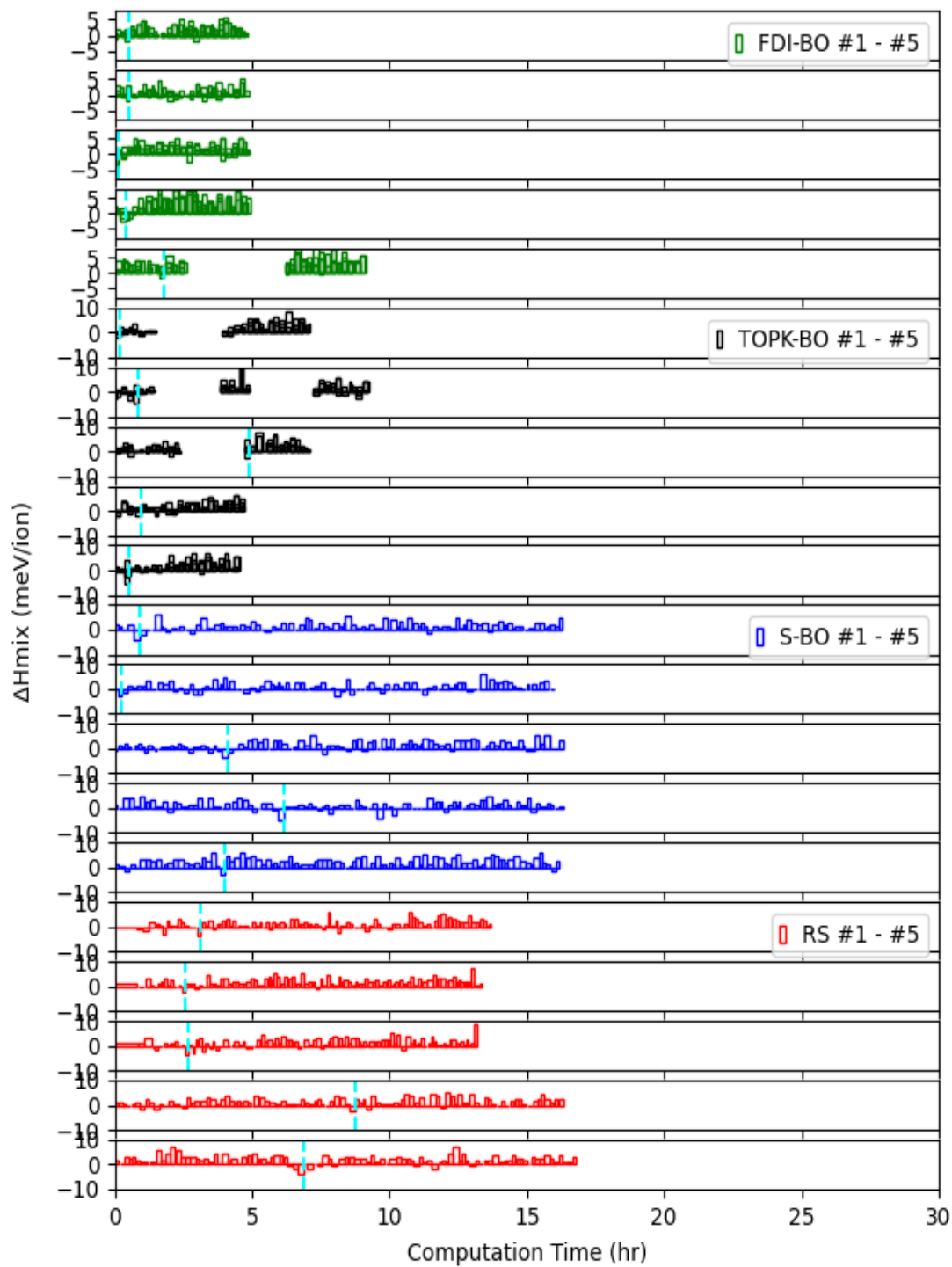


Fig. S2: Computational Profiles Set 1-5

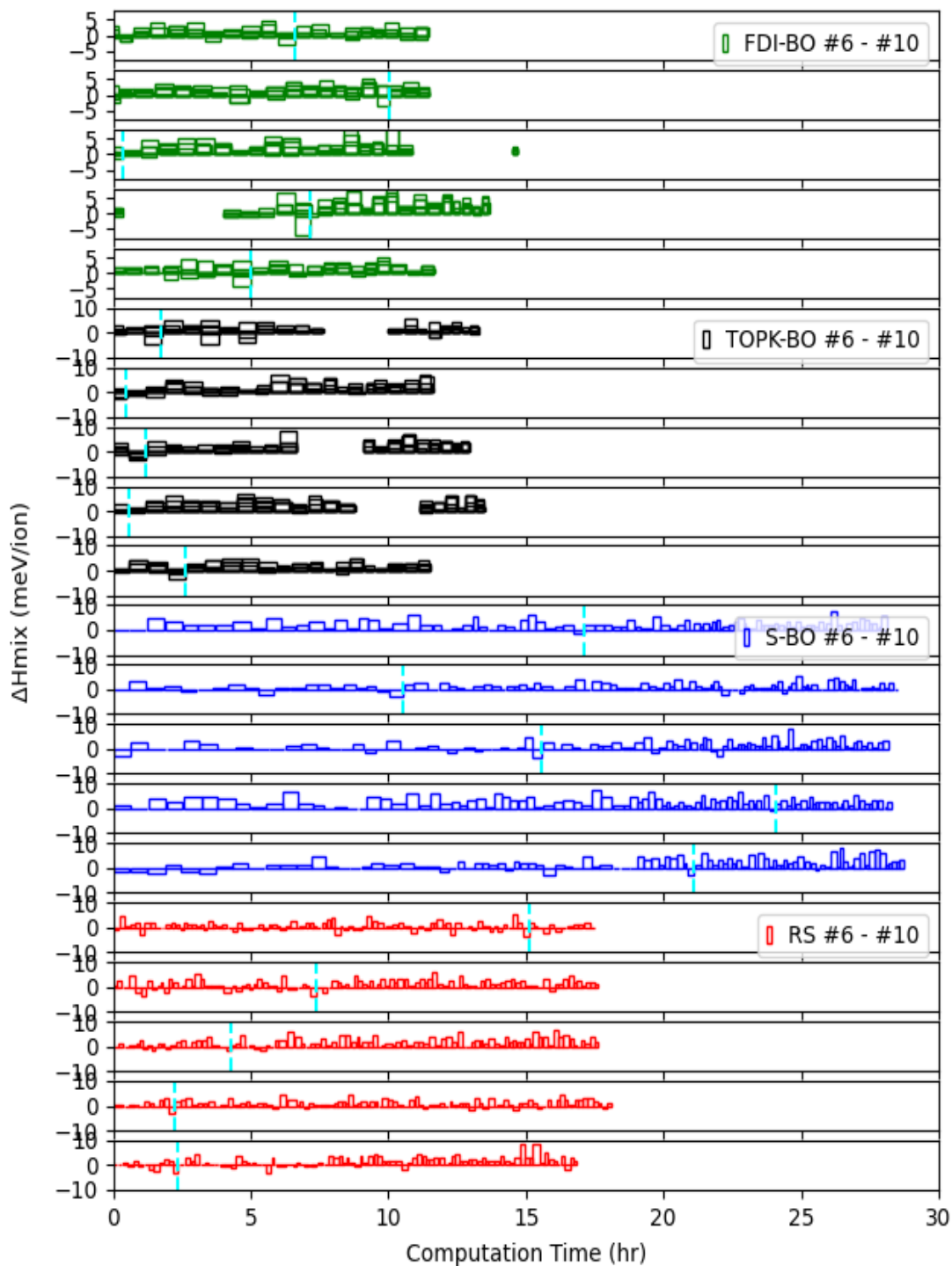


Fig. S3: Computational Profiles Set 6-10

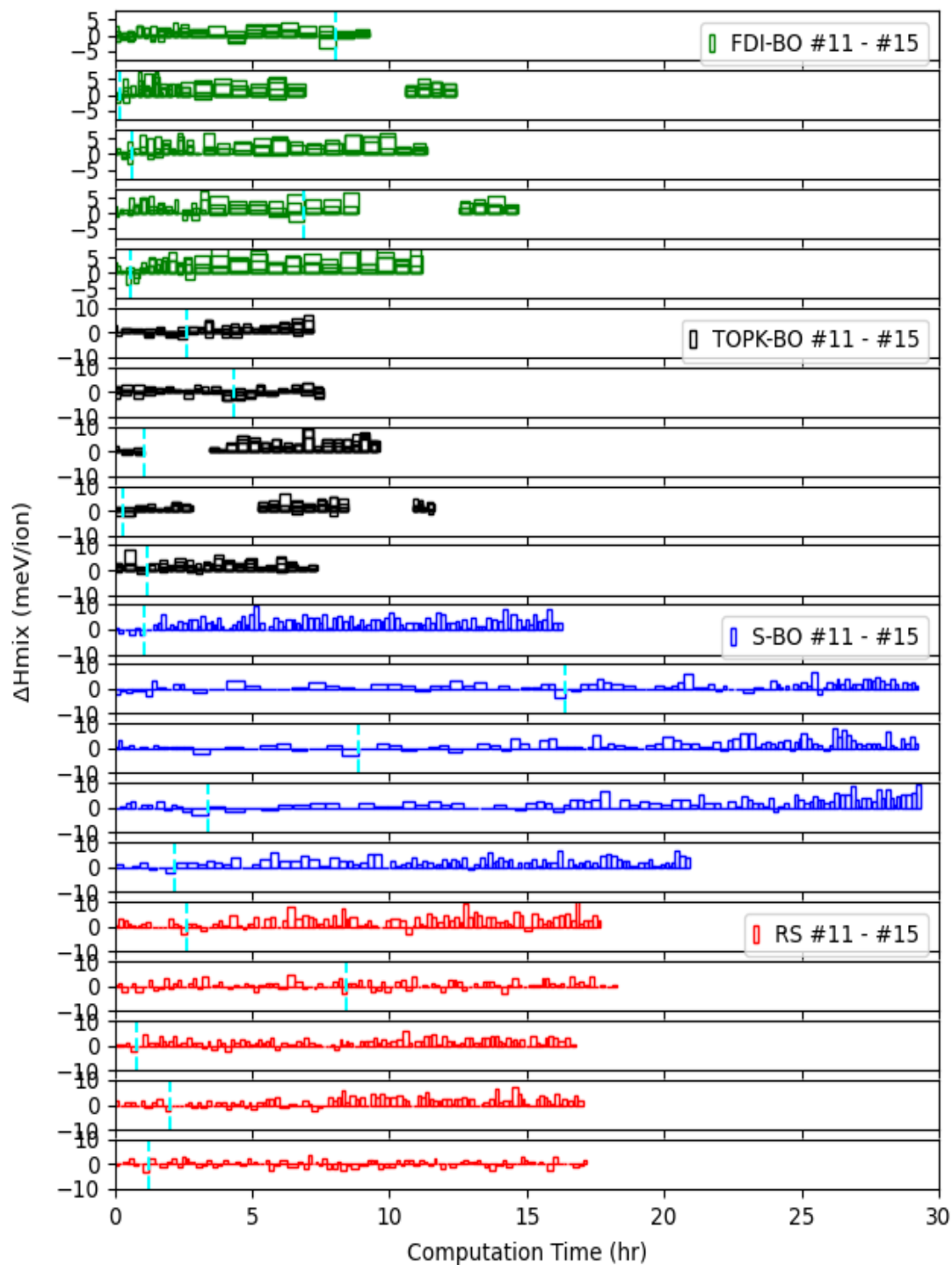


Fig. S4: Computational Profiles Set 11-15

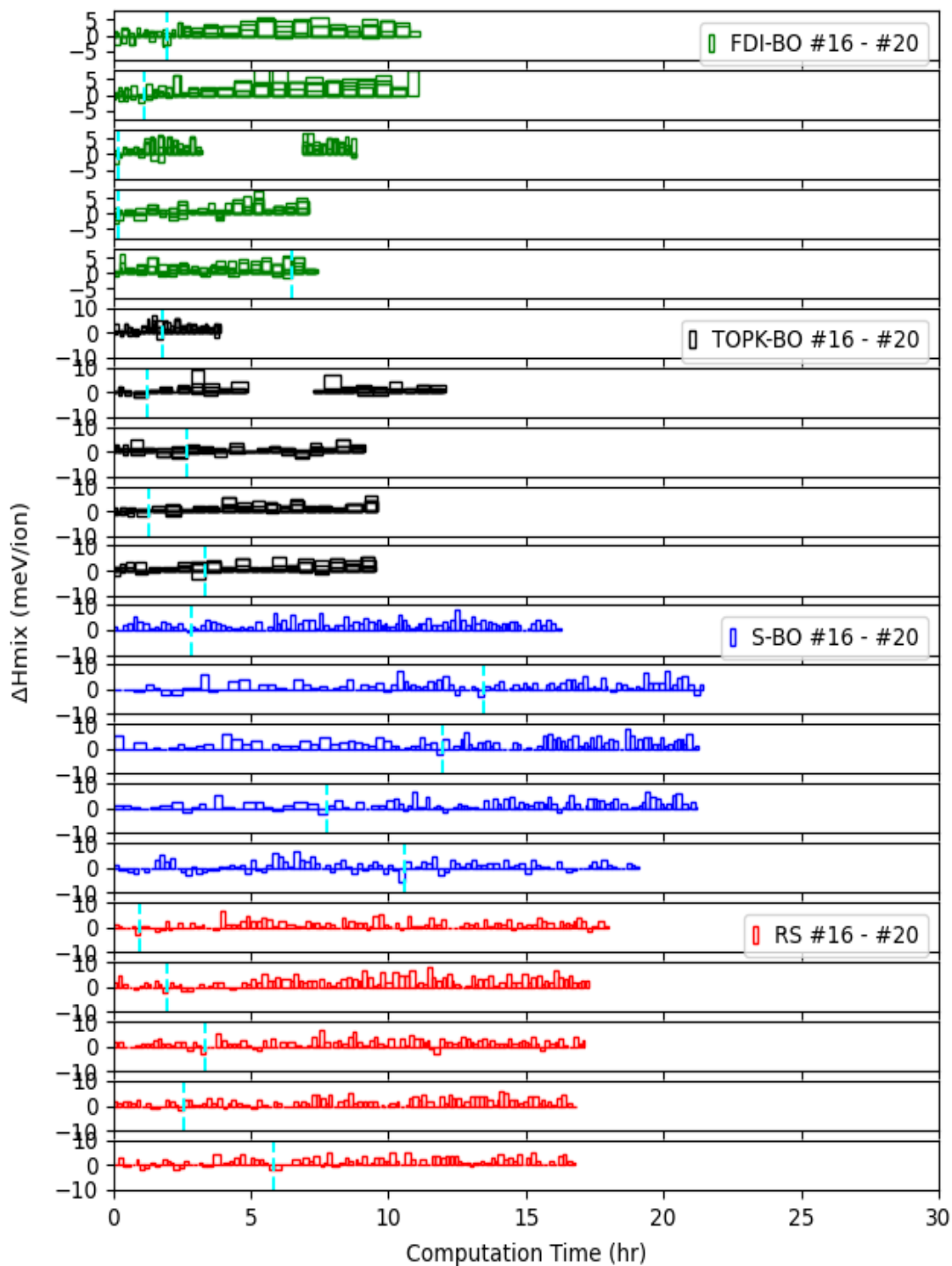


Fig. S4: Computational Profiles Set 16-20

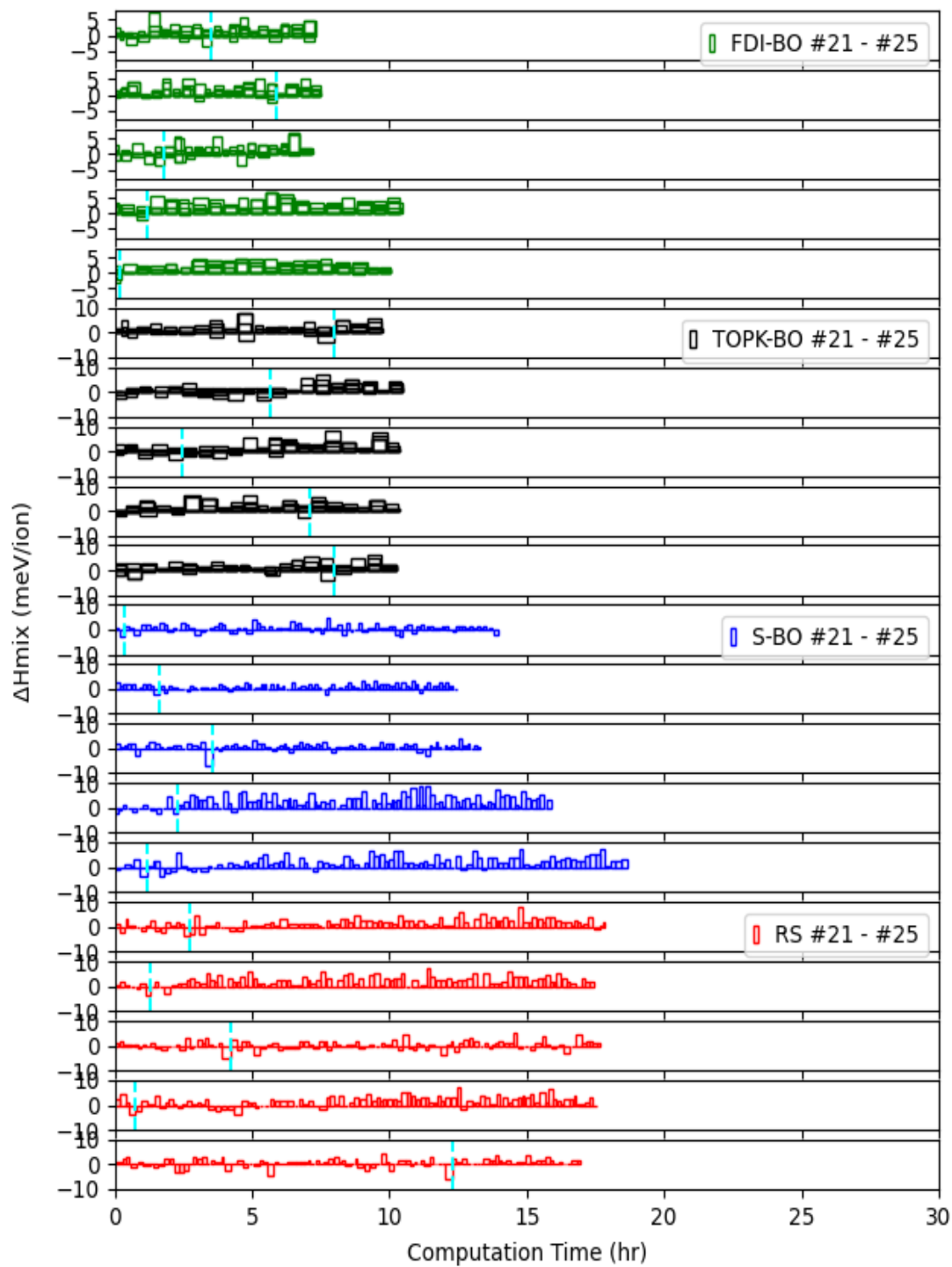


Fig. S5: Computational Profiles Set 21-25