**Influence of salinity on glycerol dialkyl glycerol tetraether**-**based indicators in Tibetan Plateau lakes: Implications for paleotemperature and paleosalinity reconstructions**

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**Supplementary Figures**

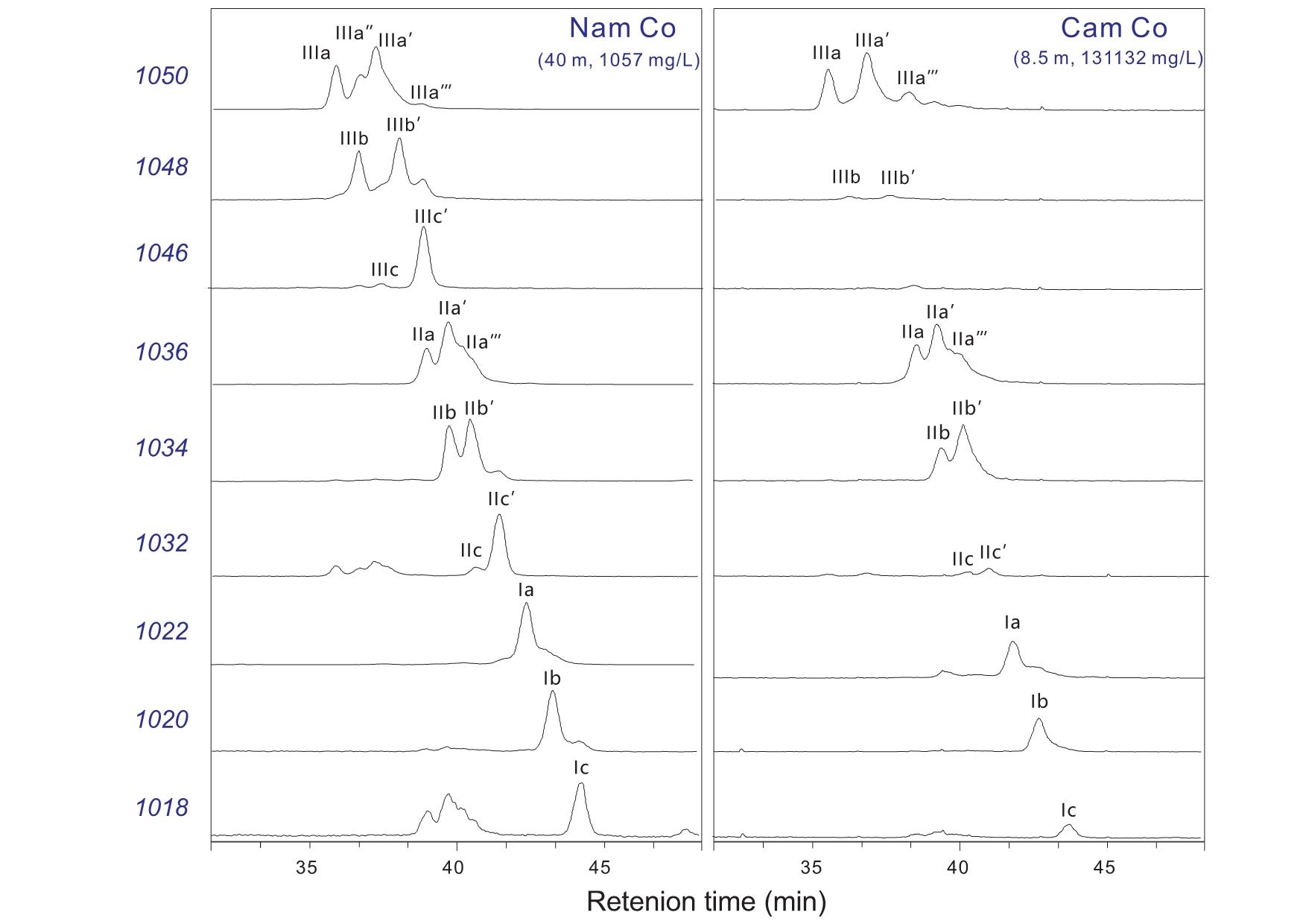


Fig. S1. Representative high-performance liquid chromatography/atmospheric pressure chemical ionization-mass spectrometry (HPLC/APCIMS) in TP lakes.

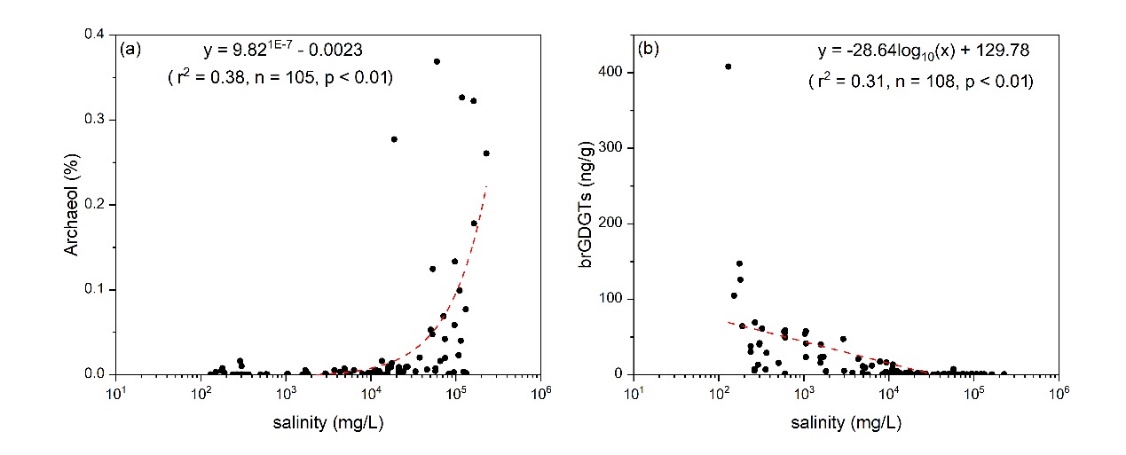
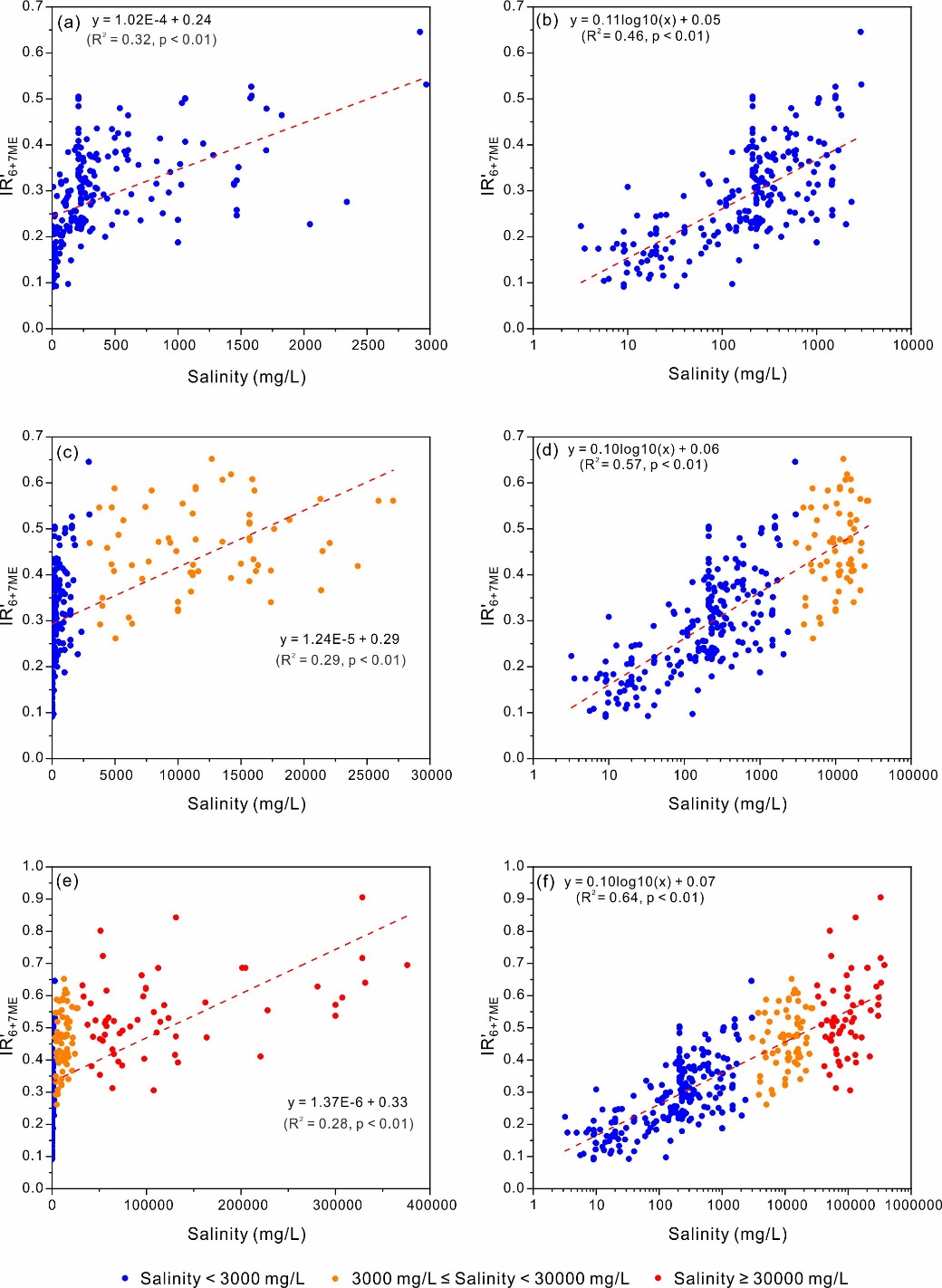


Fig. S2. Correlations of salinity with (a) relative amount of archaeol and (b) concentration of brGDGTs in TP lakes.

Fig. S3. Correlation between IR'6+7ME index and salinity in different salinity ranges under linear (a, c, and e) and logarithmic scale (b, d, and f) of salinity.