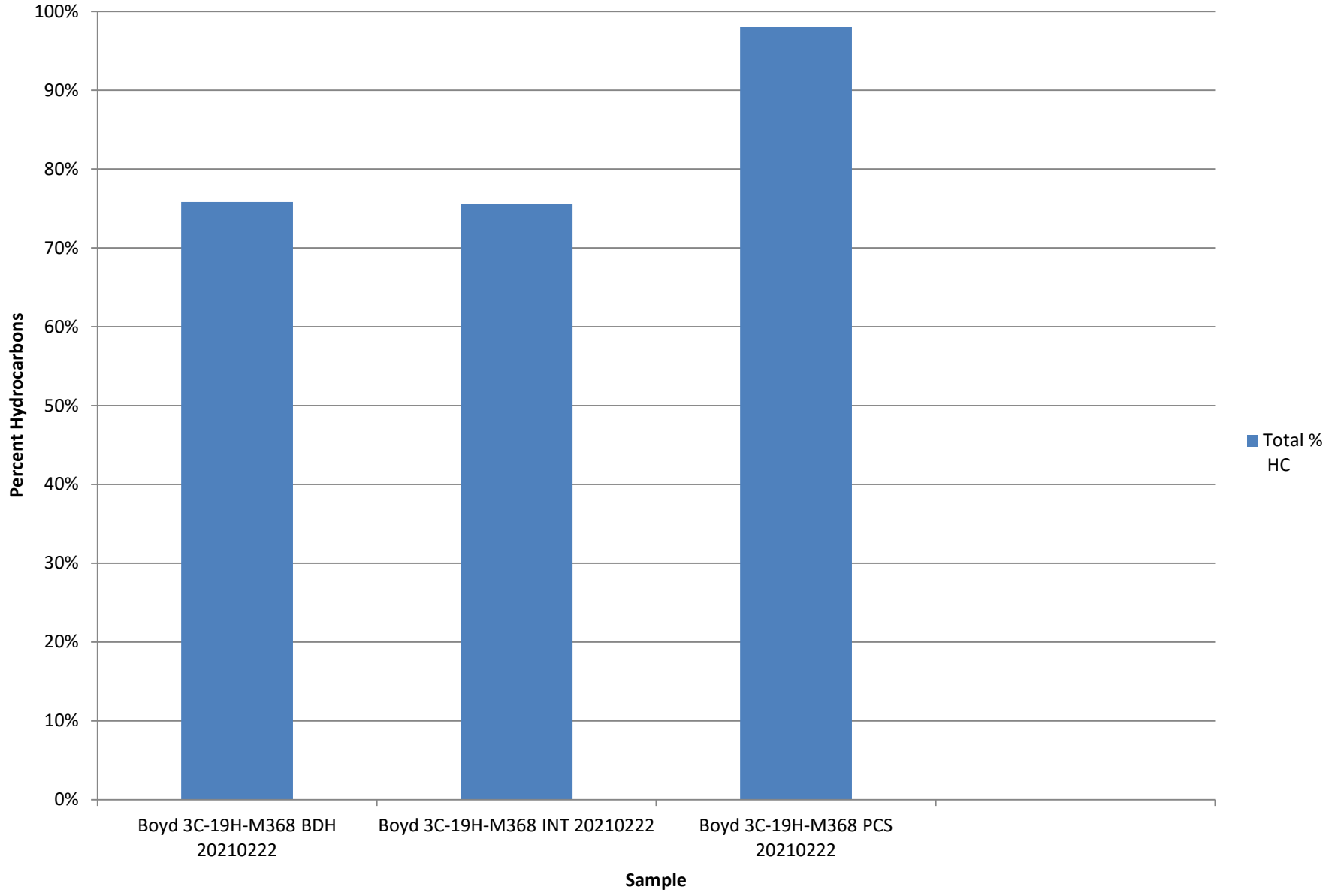
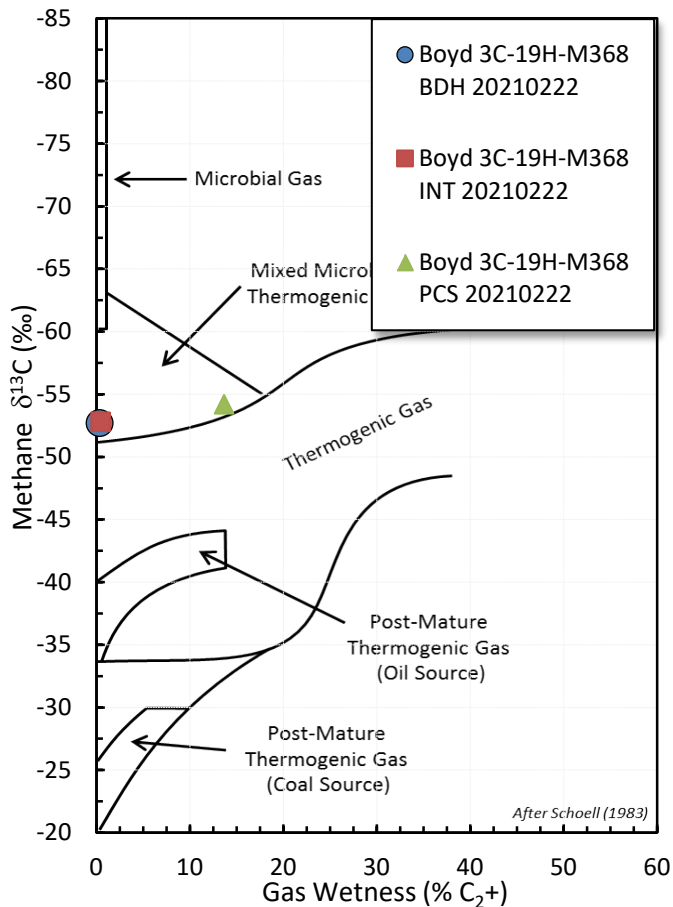


# Total Percent Hydrocarbons

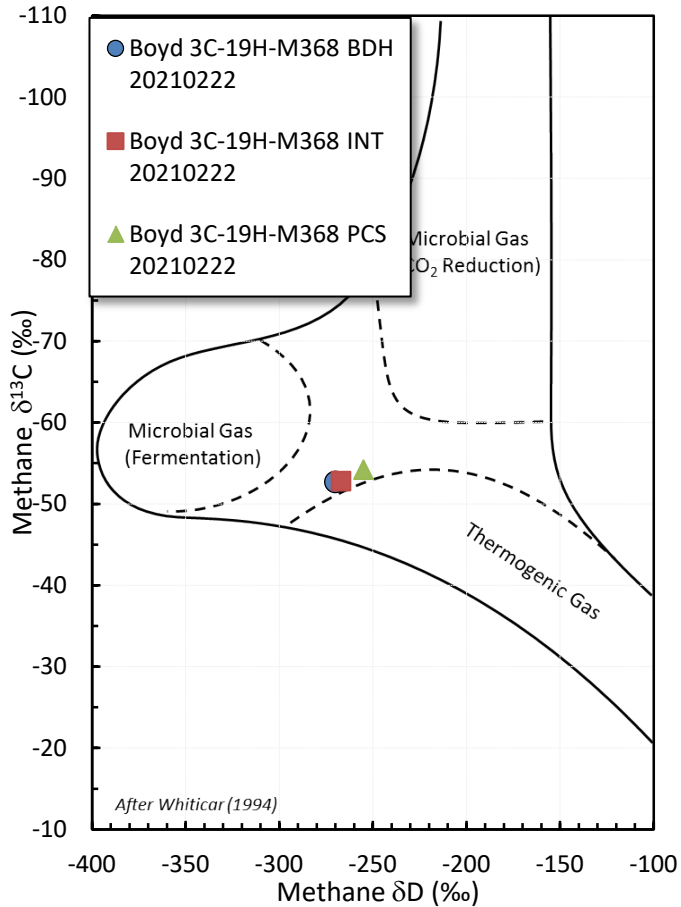


# Stable Isotope Interpretive Plots

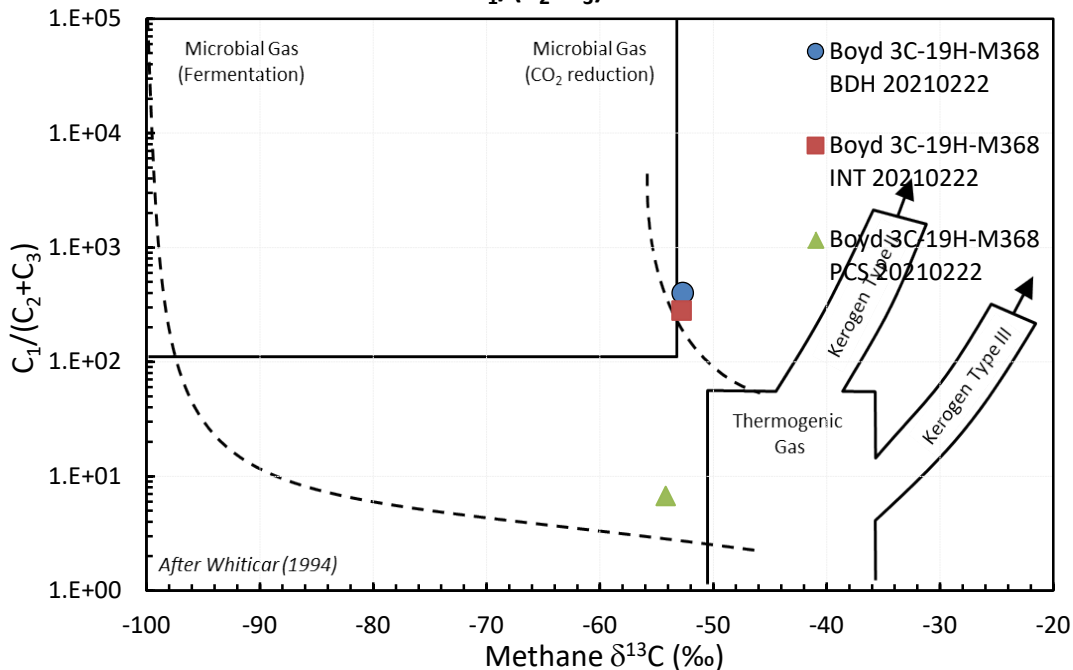
## Methane vs Gas Wetness Genetic Classification



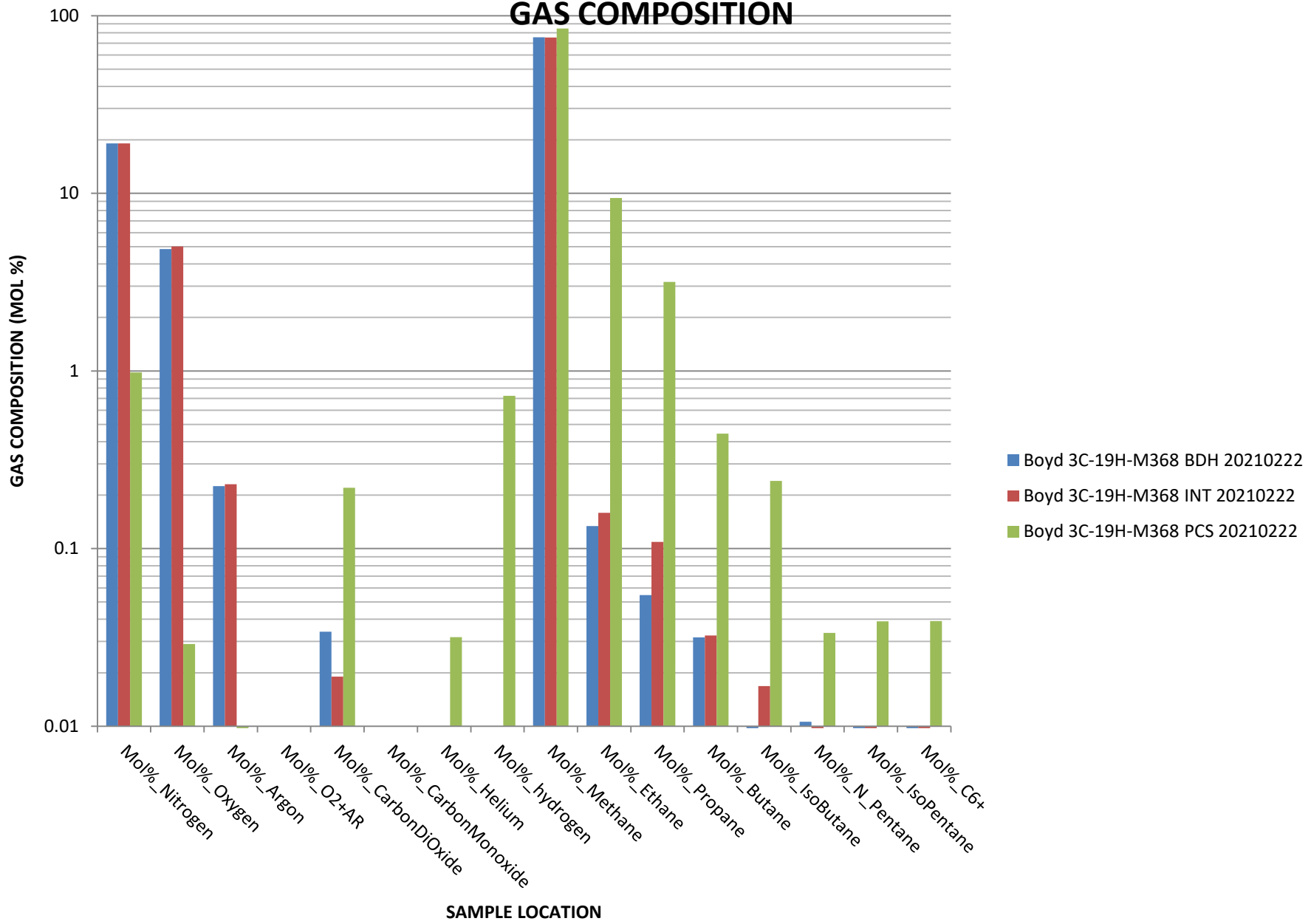
## Methane $\delta^{13}\text{C}$ vs $\delta\text{D}$ Genetic Classification Plot



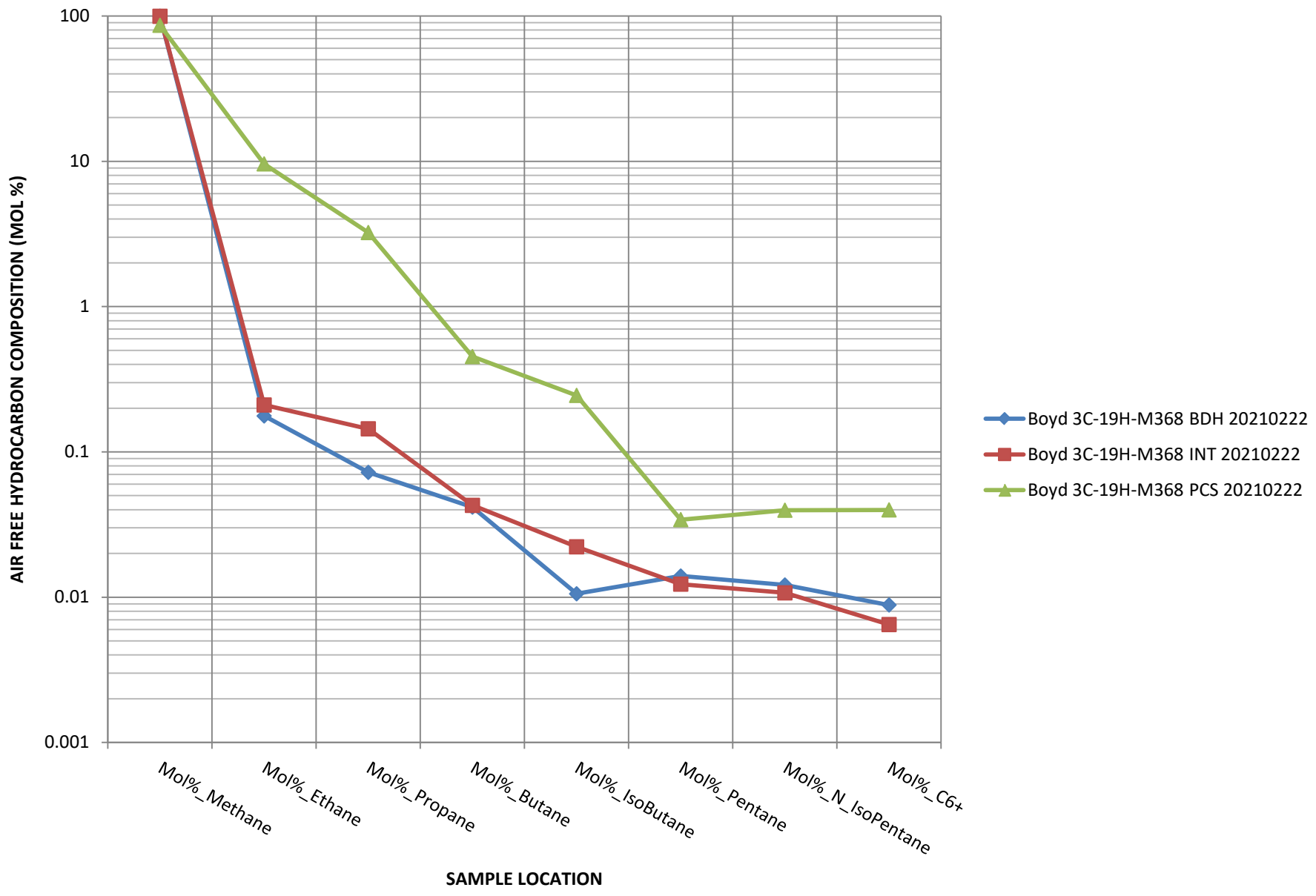
## Methane $\delta^{13}\text{C}$ vs $\text{C}_1/(\text{C}_2+\text{C}_3)$ Genetic Classification Plot

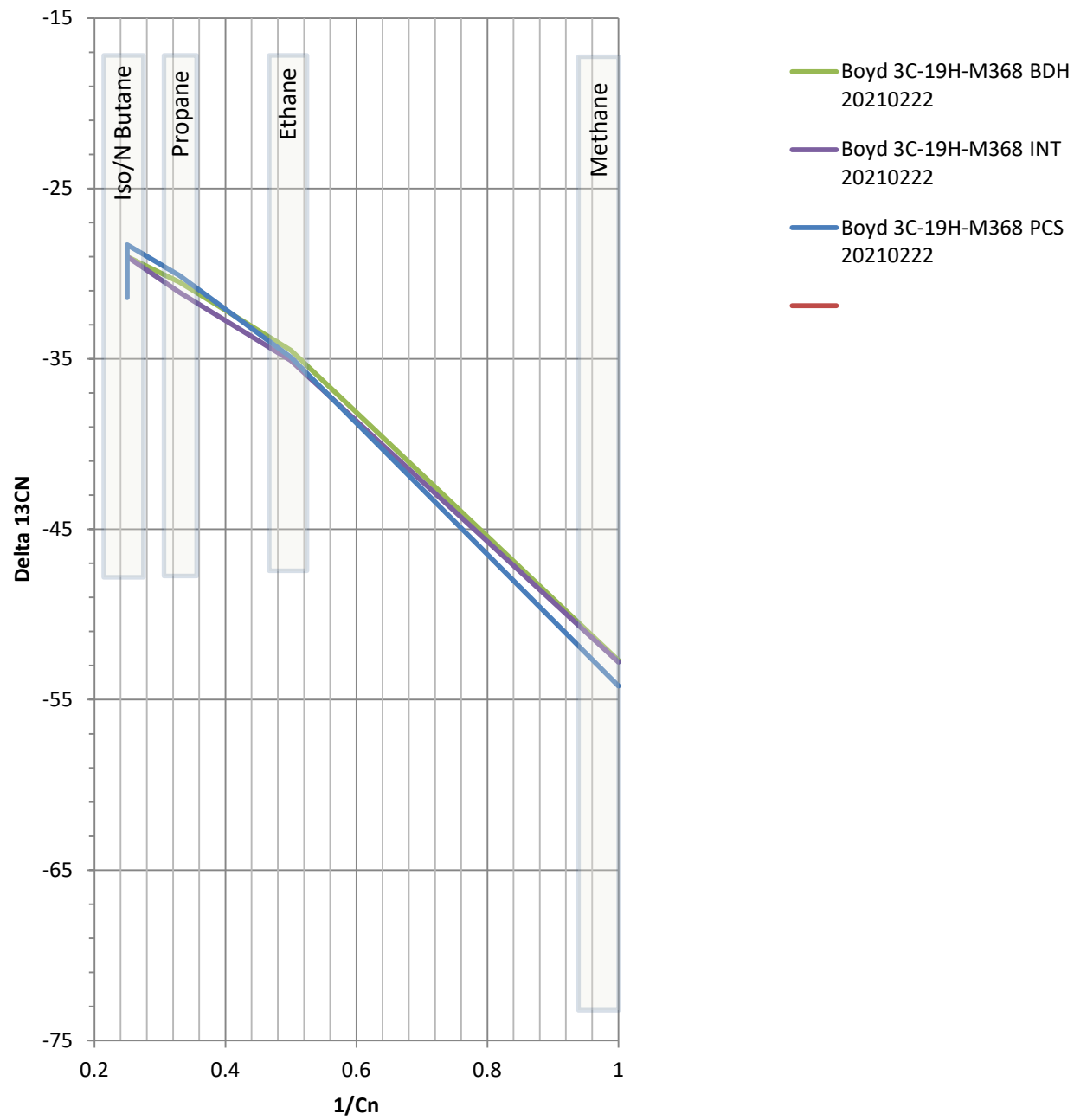


# GAS COMPOSITION

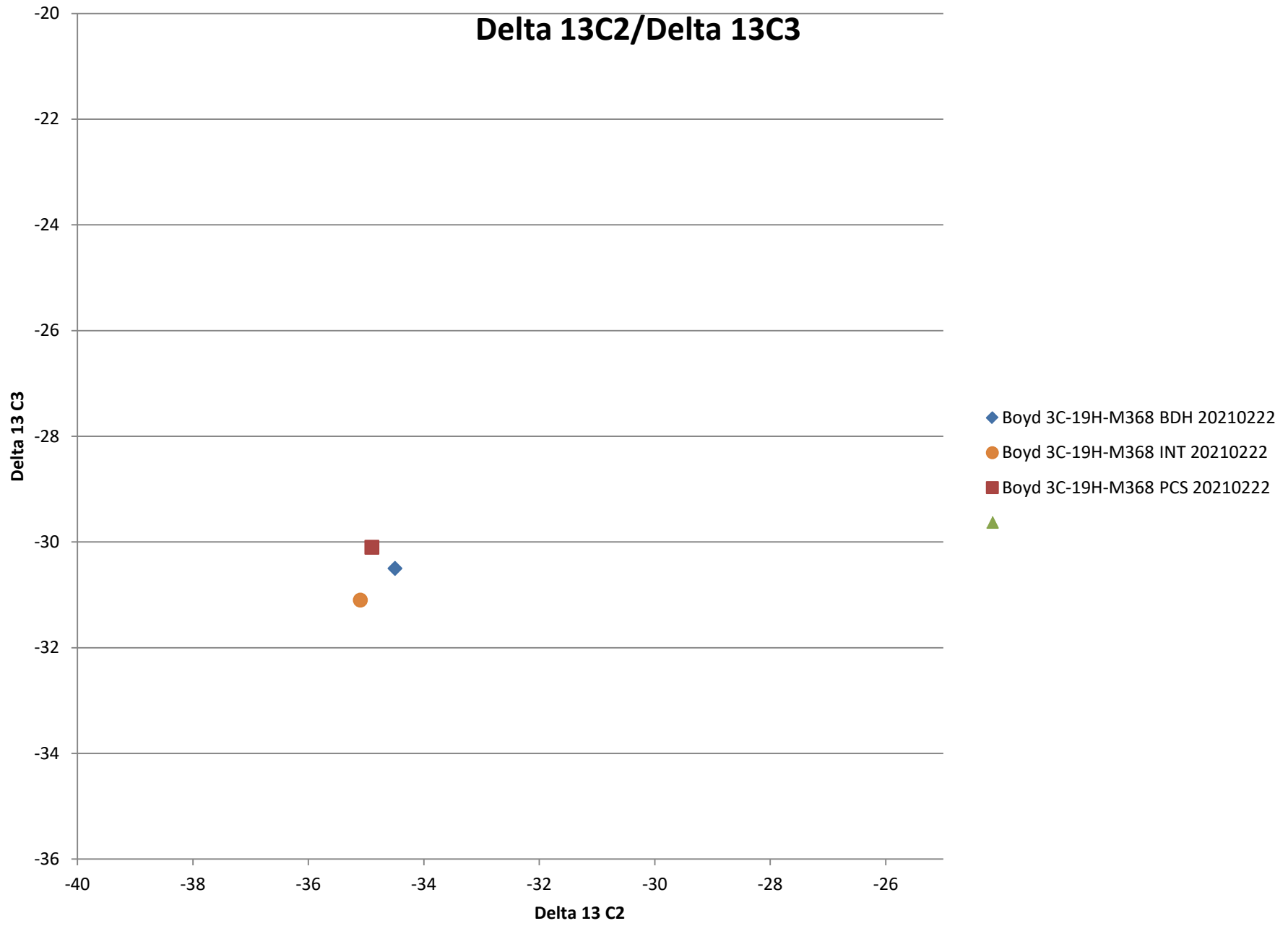


# AIR FREE HYDROCARBON COMPOSITION





# Delta 13C2/Delta 13C3



### Delta13 C2/C3 vs. Delta 13C3-C2

