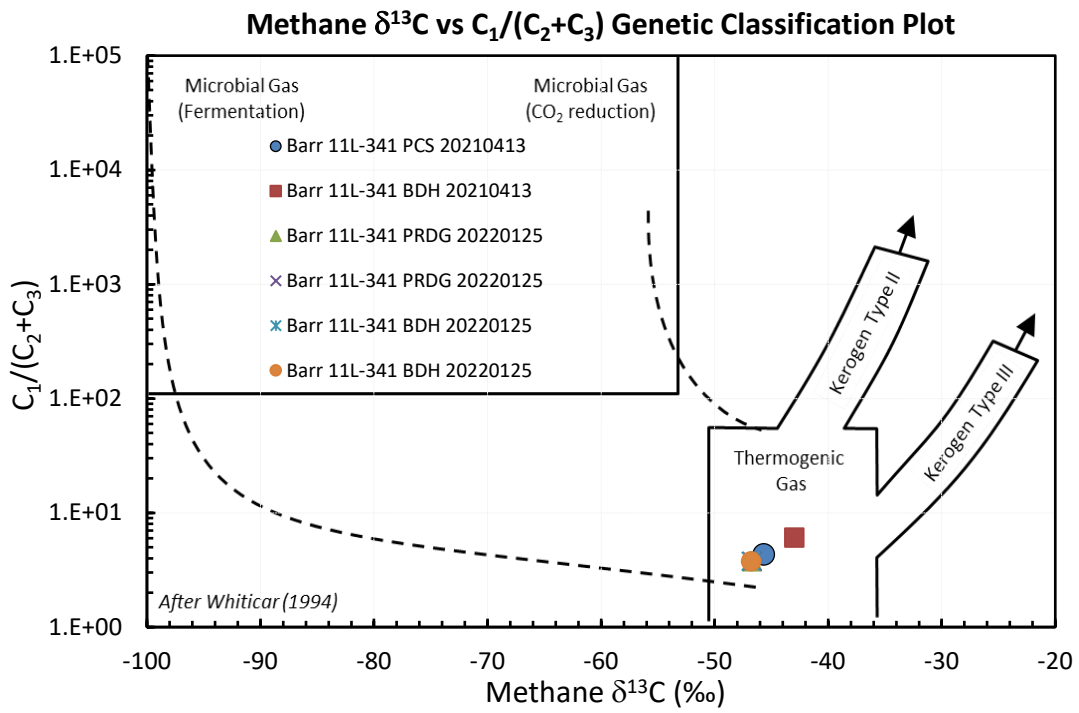
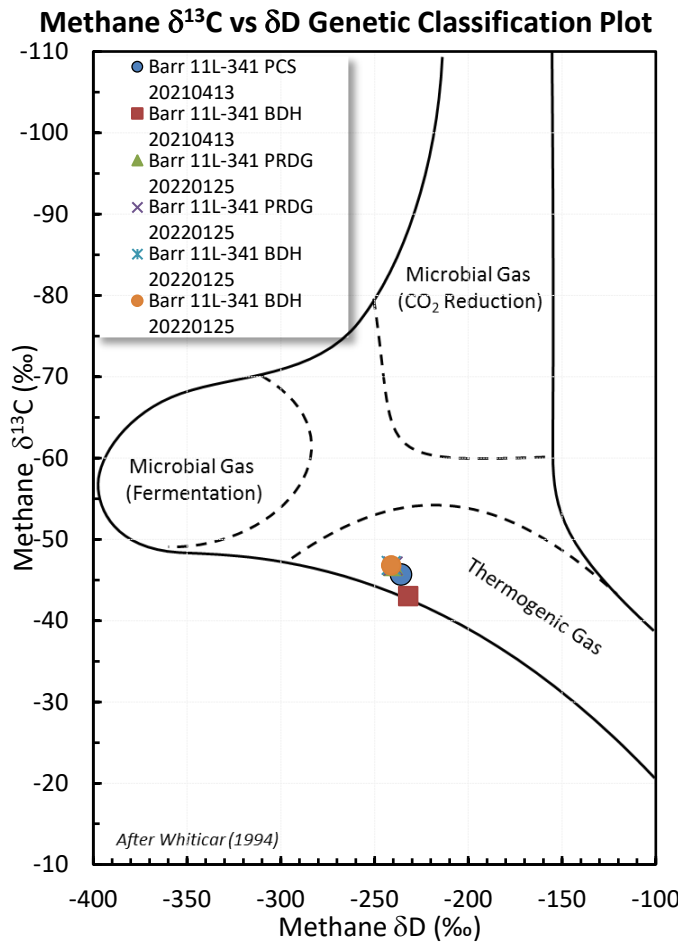
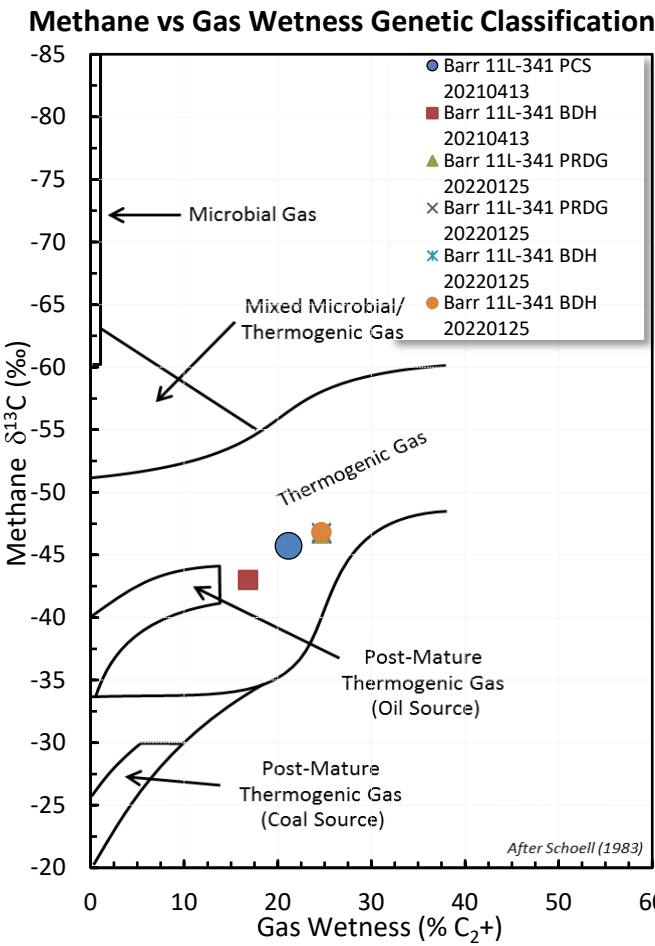
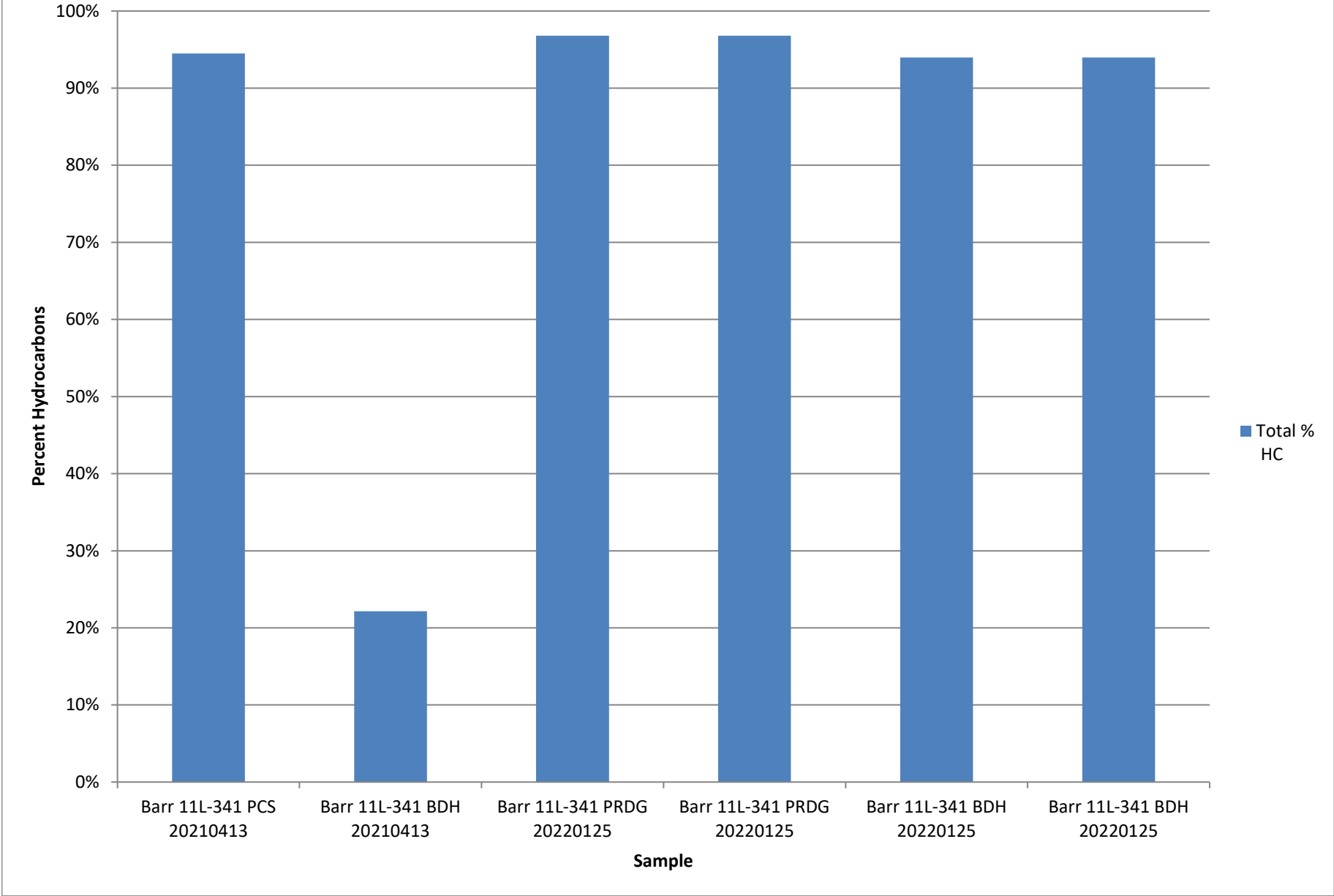


Stable Isotope Interpretive Plots



Total Percent Hydrocarbons



GAS COMPOSITION

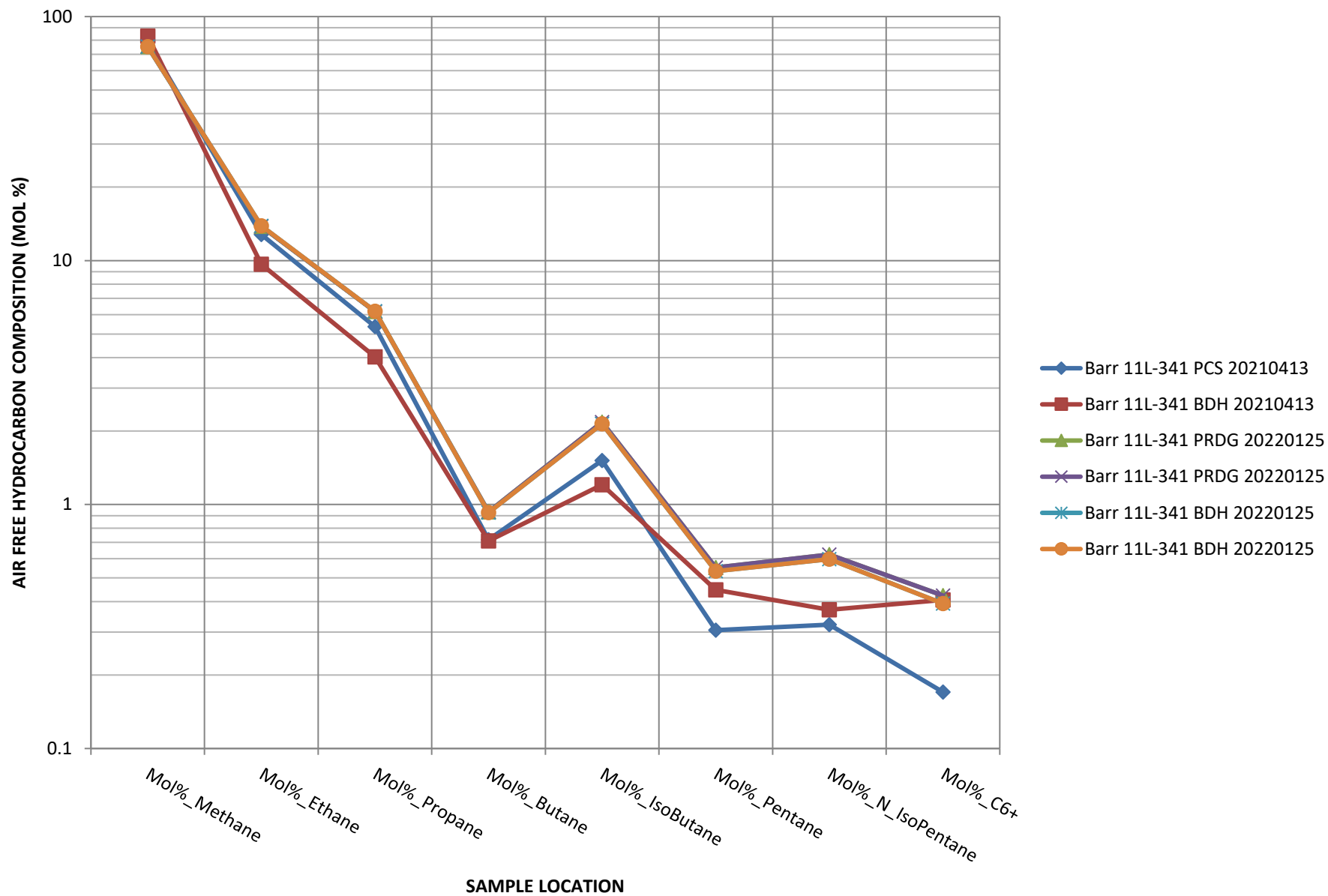
Legend:

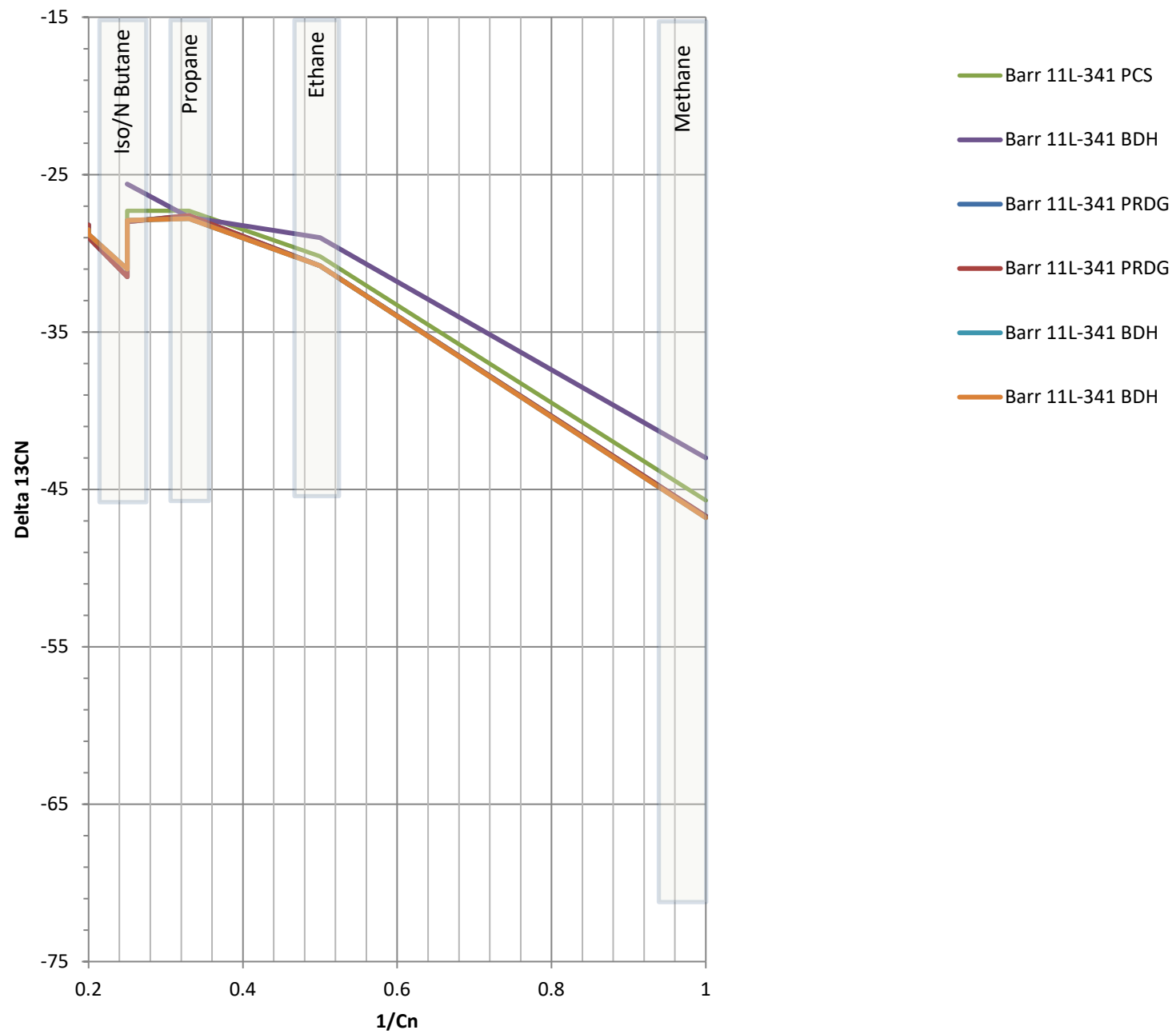
- Barr 11L-341 PCS 20210413
- Barr 11L-341 BDH 20210413
- Barr 11L-341 PRDG 20220125
- Barr 11L-341 PRDG 20220125
- Barr 11L-341 BDH 20220125
- Barr 11L-341 BDH 20220125

Parameter	Barr 11L-341 PCS 20210413	Barr 11L-341 BDH 20210413	Barr 11L-341 PRDG 20220125	Barr 11L-341 PRDG 20220125	Barr 11L-341 BDH 20220125	Barr 11L-341 BDH 20220125
Mol%_Nitrogen	2.5	60	0.5	0.5	3.0	3.0
Mol%_Oxygen	0.00	0.00	0.00	0.00	0.00	0.00
Mol%_Argon	0.6	2.5	0.06	0.06	0.7	0.7
Mol%_O2+AR	2.5	0.00	2.8	2.8	2.5	2.5
Mol%_CarbonDiOxide	0.00	0.00	0.00	0.00	0.00	0.00
Mol%_Helium	0.00	9.5	0.00	0.00	0.00	0.00
Mol%_hydrogen	70	18	70	70	70	70
Mol%_Methane	12	2.2	13	13	13	13
Mol%_Ethane	5.0	0.9	6.0	6.0	6.0	6.0
Mol%_Propane	0.7	0.15	0.9	0.9	0.9	0.9
Mol%_Butane	1.4	0.28	2.2	2.2	2.2	2.2
Mol%_IsoButane	0.3	0.1	0.55	0.55	0.5	0.5
Mol%_N_Pentane	0.32	0.08	0.6	0.6	0.55	0.55
Mol%_IsoPentane	0.16	0.09	0.45	0.45	0.4	0.4
Mol%_C6+	0.00	0.00	0.00	0.00	0.00	0.00

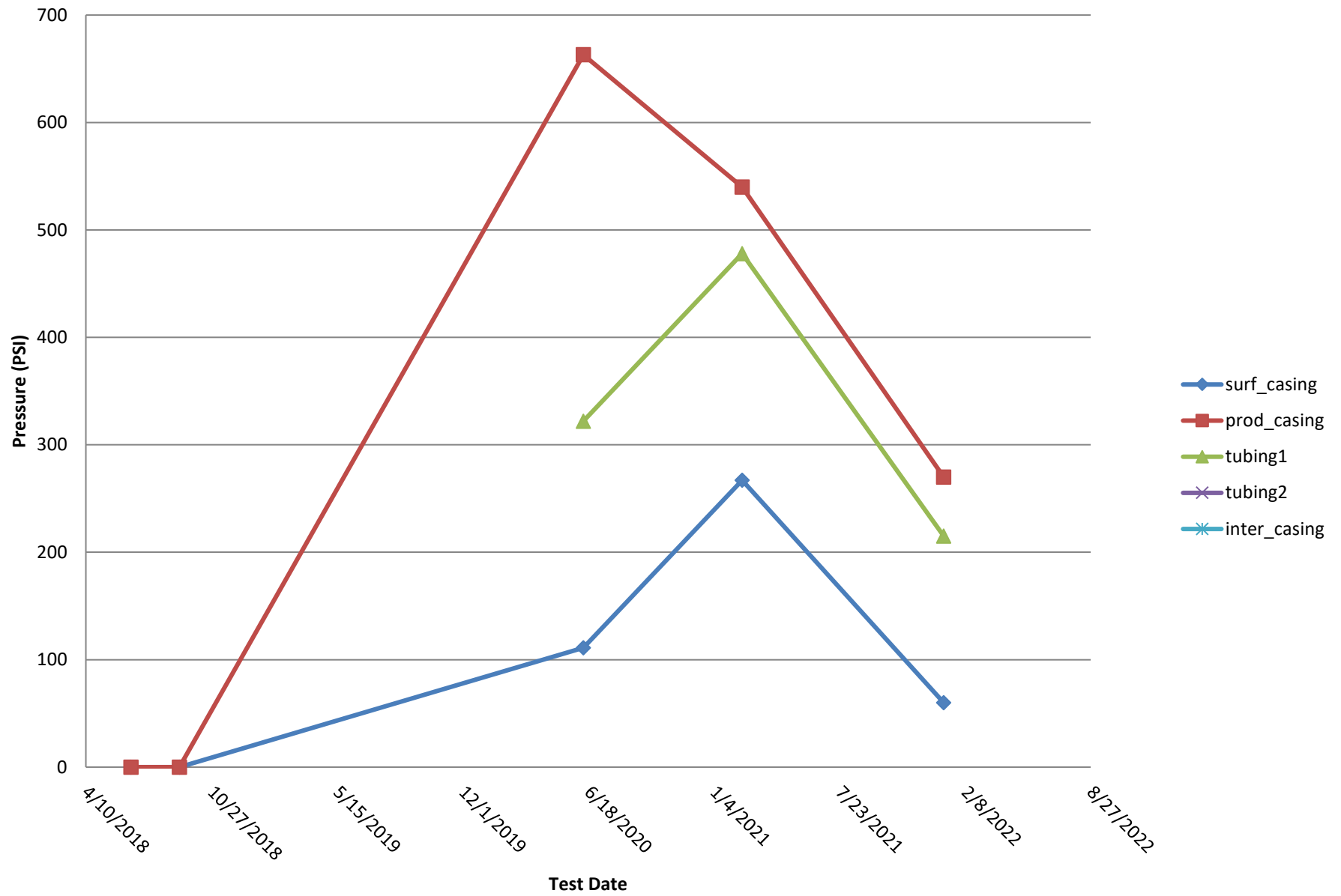
- Barr 11L-341 PCS 20210413
- Barr 11L-341 BDH 20210413
- Barr 11L-341 PRDG 20220125
- Barr 11L-341 PRDG 20220125
- Barr 11L-341 BDH 20220125
- Barr 11L-341 BDH 20220125

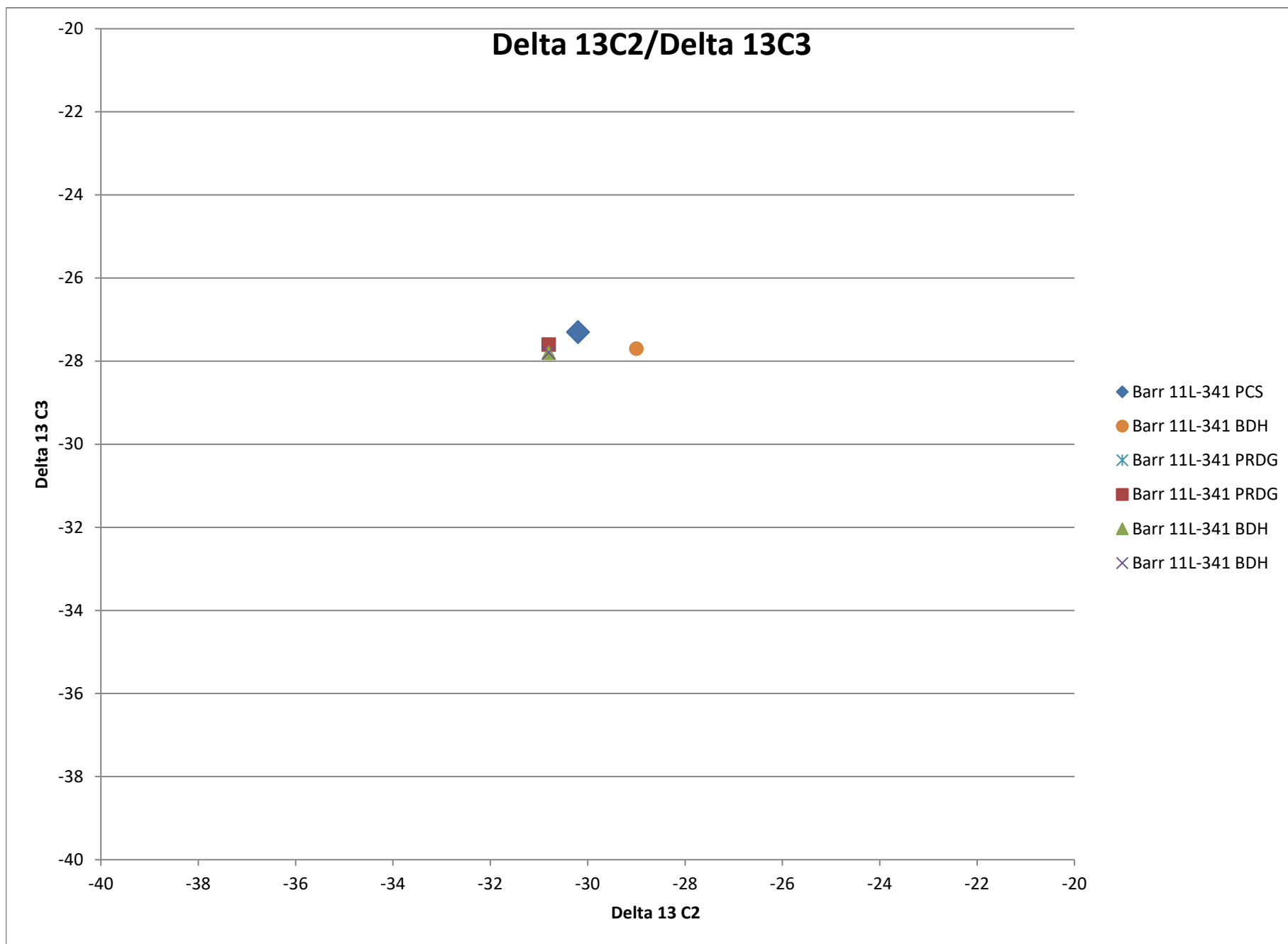
HYDROCARBON COMPOSITION



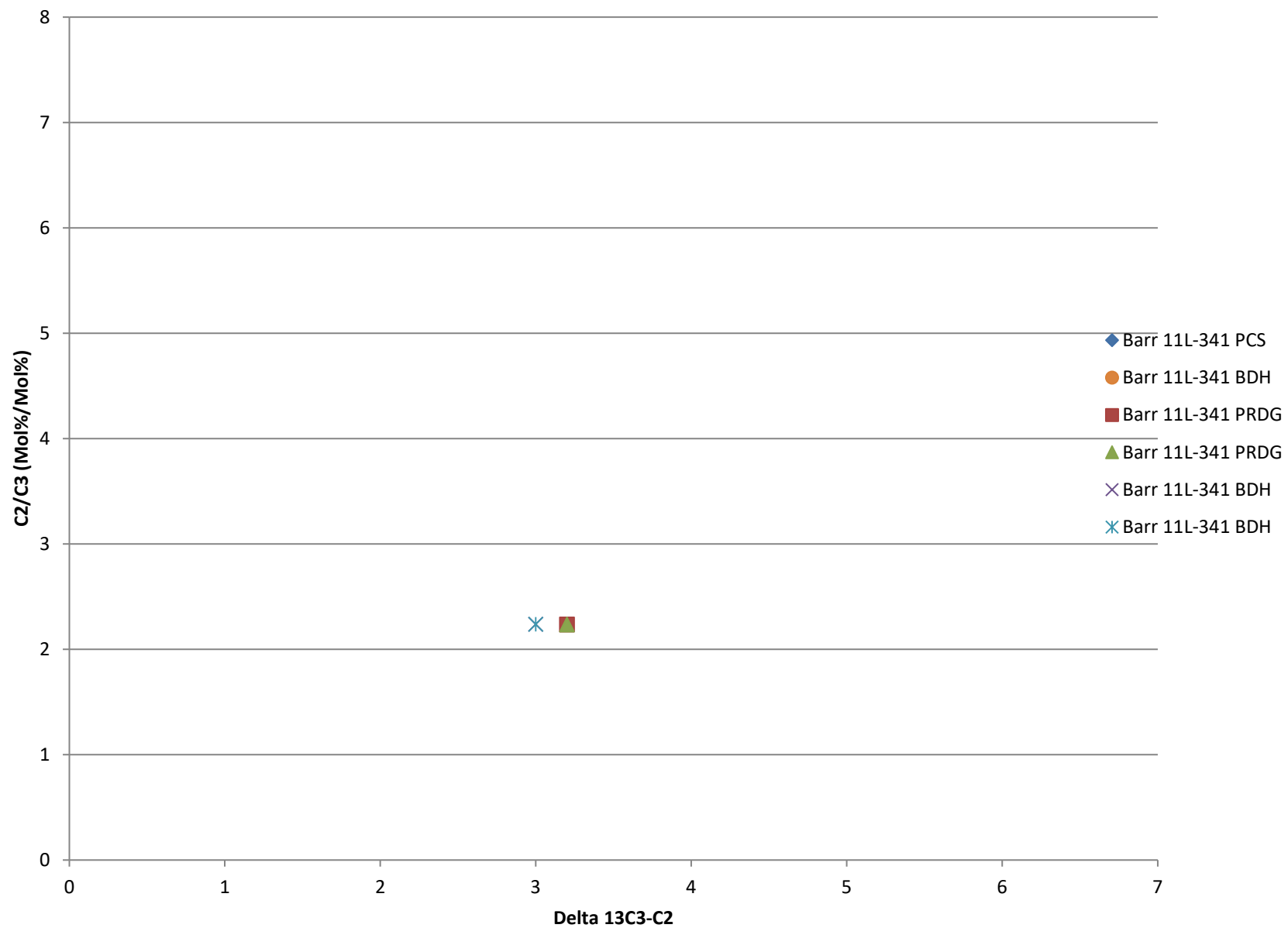


Bradenhead Test Summary





Delta13 C2/C3 vs. Delta 13C3-C2



Delta 13 IC4/ Delta NC4

