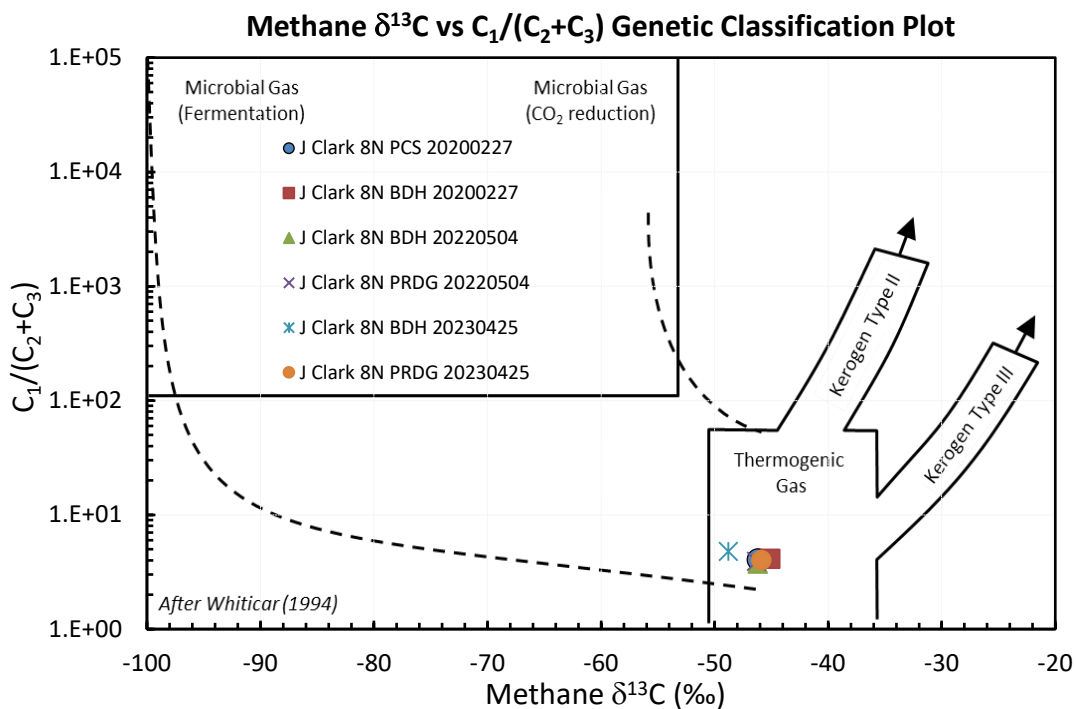
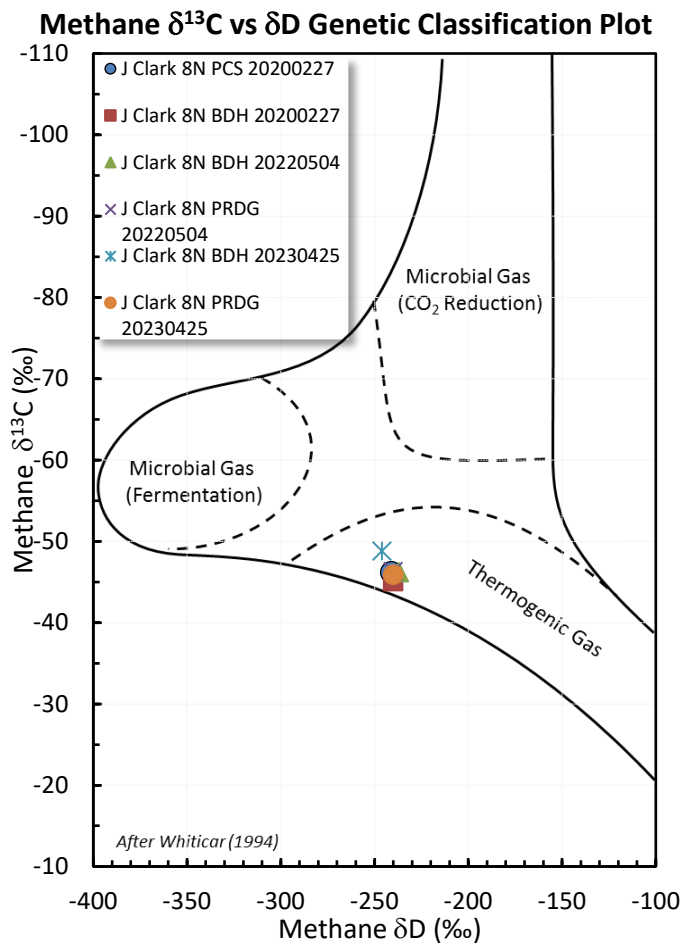
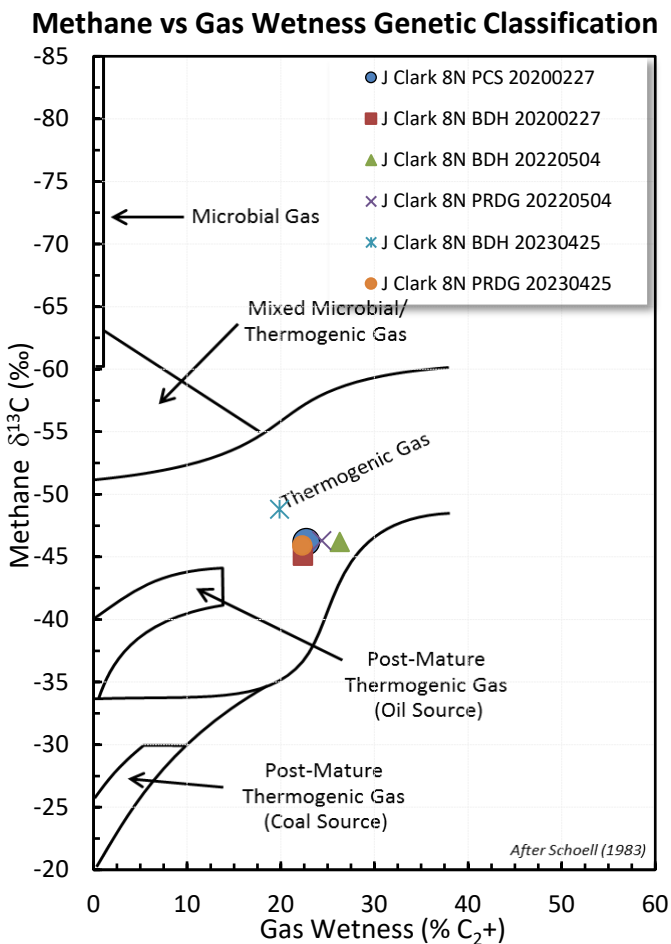
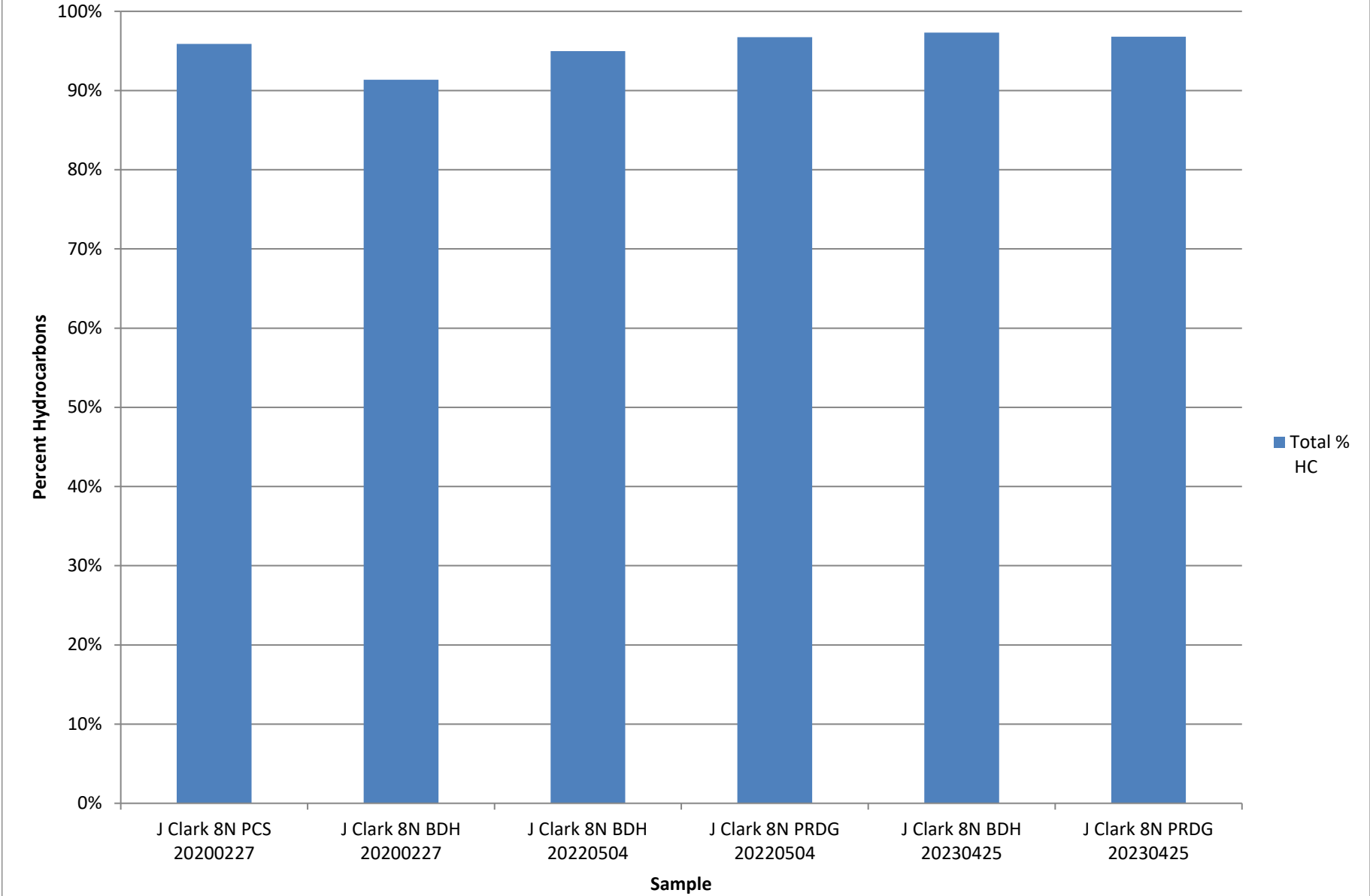


Stable Isotope Interpretive Plots



Total Percent Hydrocarbons



GAS COMPOSITION

GAS COMPOSITION (MOL %)

Parameter

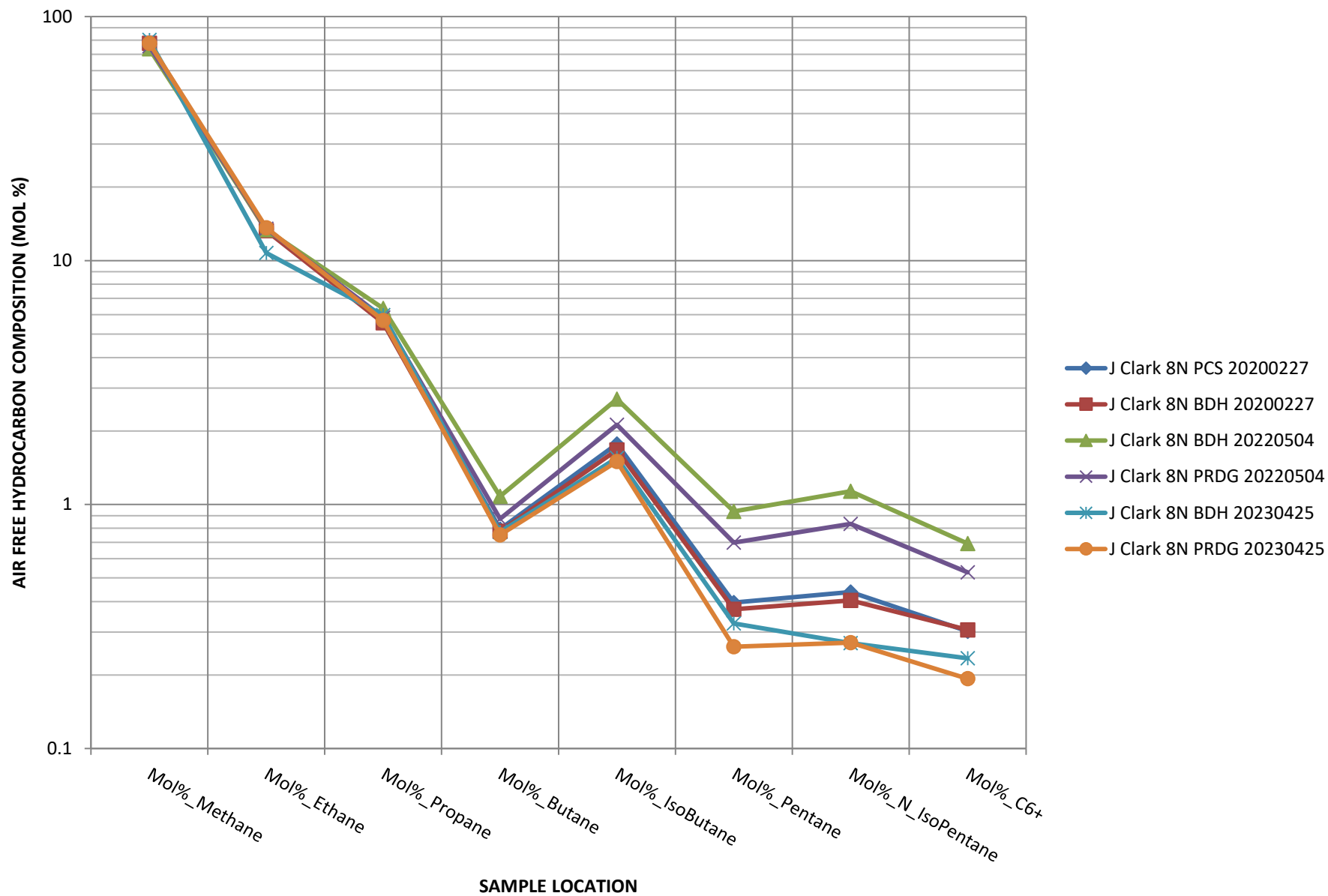
Legend:

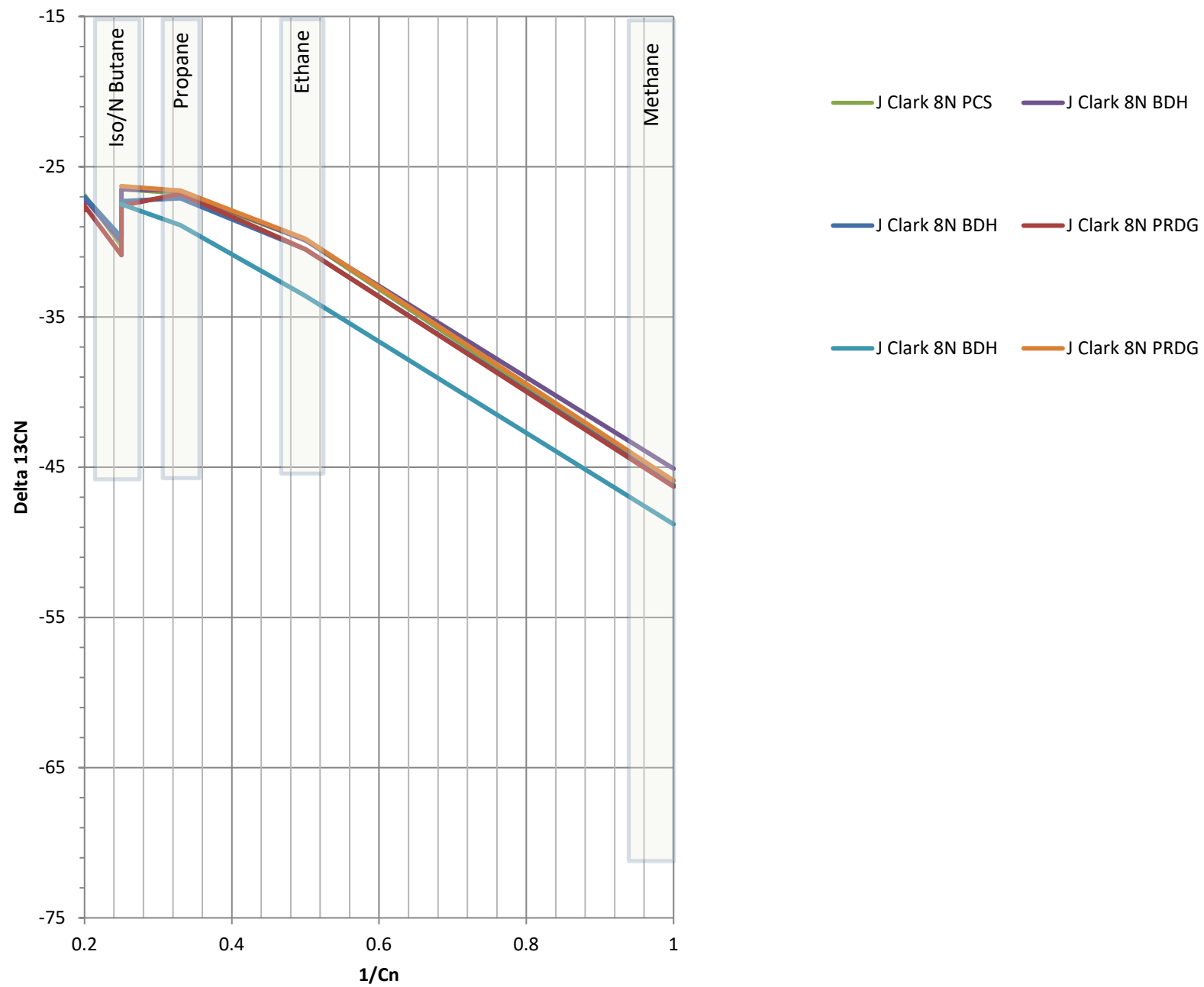
- J Clark 8N PCS 20200227
- J Clark 8N BDH 20200227
- J Clark 8N BDH 20220504
- J Clark 8N PRDG 20220504
- J Clark 8N BDH 20230425
- J Clark 8N PRDG 20230425

Parameter	J Clark 8N PCS 20200227	J Clark 8N BDH 20200227	J Clark 8N BDH 20220504	J Clark 8N PRDG 20220504	J Clark 8N BDH 20230425	J Clark 8N PRDG 20230425
Mol% Nitrogen	1.2	5.0	3.0	0.5	2.0	0.5
Mol% Oxygen						
Mol% Argon	0.25	1.2	0.7	0.03	0.5	0.08
Mol% O2+AR	2.5	2.2	1.3	2.8		2.5
Mol% CarbonDioxide						
Mol% Helium						0.012
Mol% hydrogen	70	65	65	75	75	70
Mol% Methane	12	11	11	12	10	12
Mol% Ethane	5.5	5.0	6.0	5.5	6.0	5.5
Mol% Propane	0.8	0.7	1.0	0.9	0.7	0.7
Mol% Butane	1.6	1.4	2.5	2.0	1.4	1.4
Mol% IsoButane	0.4	0.35	0.9	0.7	0.35	0.25
Mol% N_Pentane	0.45	0.4	1.0	0.8	0.25	0.25
Mol% IsoPentane	0.3	0.28	0.7	0.5	0.22	0.18
Mol% C6+						

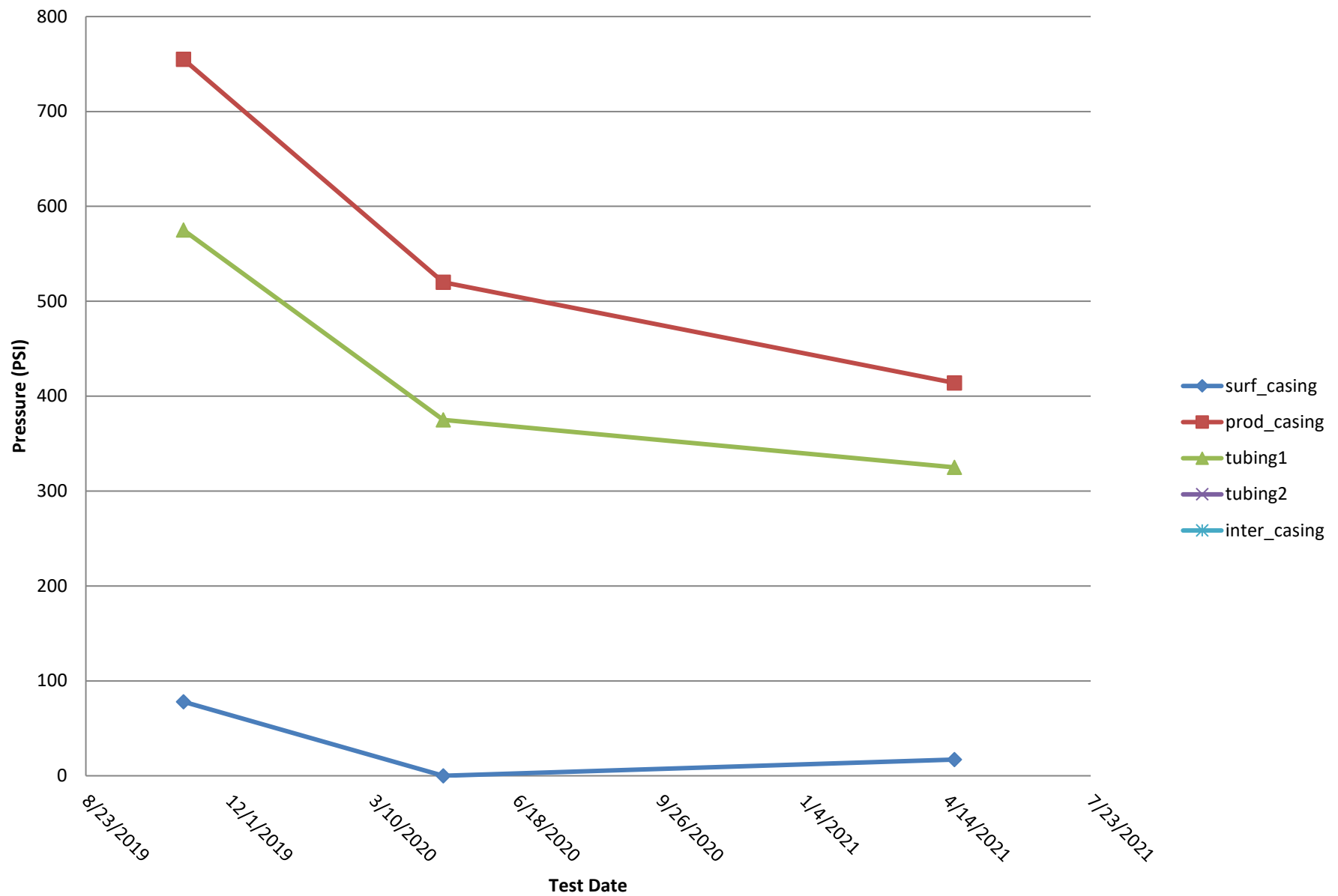
- J Clark 8N PCS 20200227
- J Clark 8N BDH 20200227
- J Clark 8N BDH 20220504
- J Clark 8N PRDG 20220504
- J Clark 8N BDH 20230425
- J Clark 8N PRDG 20230425

HYDROCARBON COMPOSITION

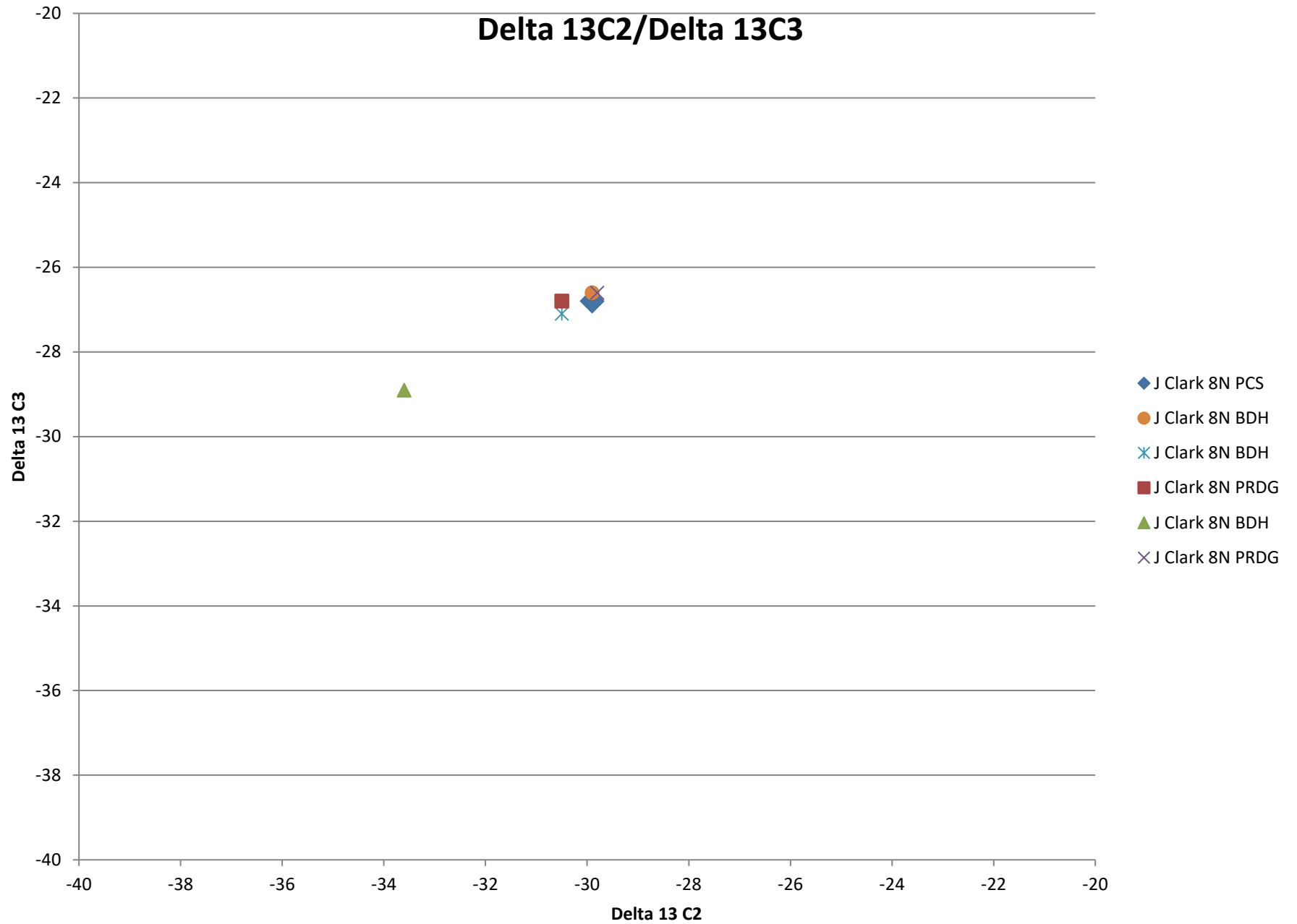




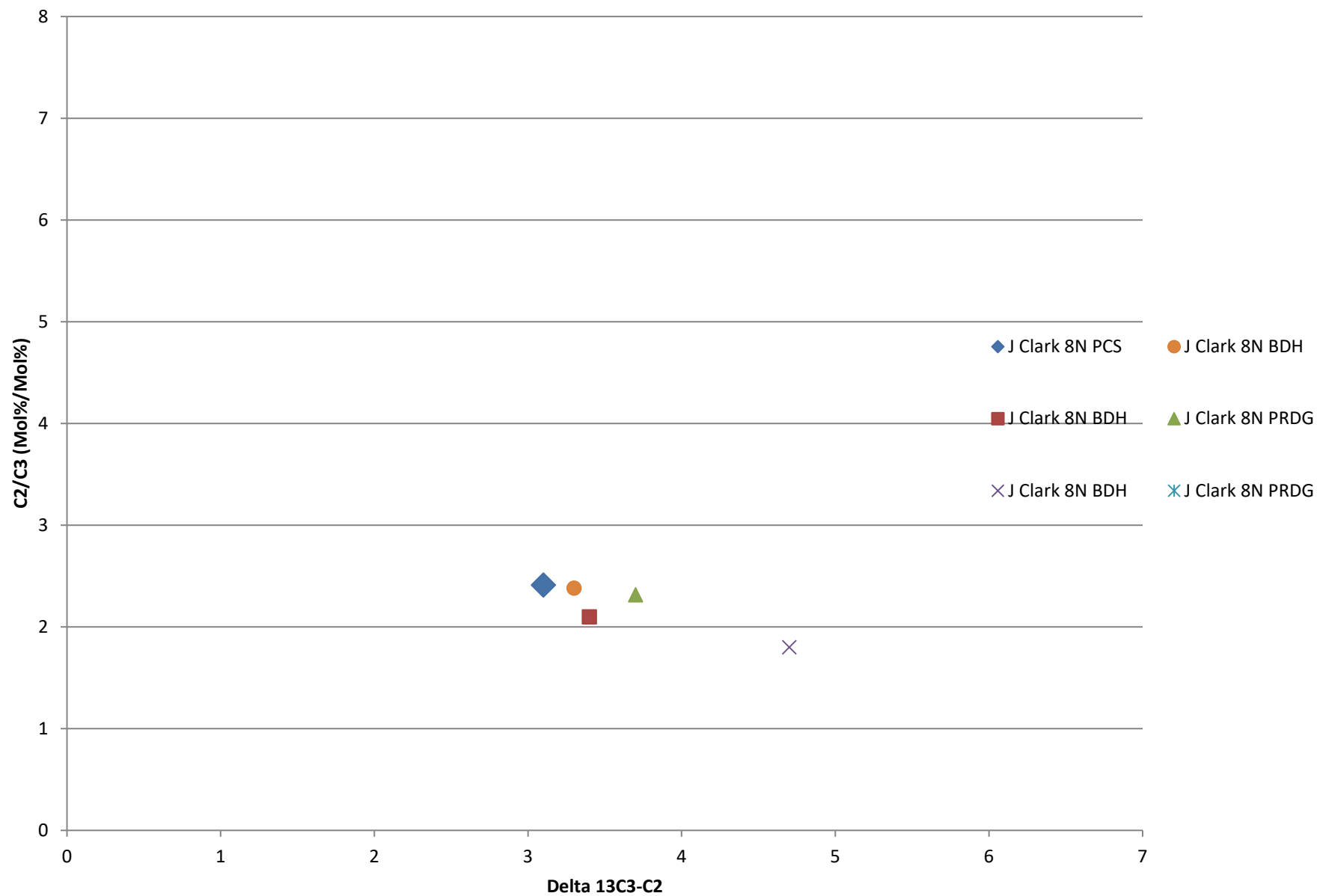
Bradenhead Test Summary



Delta 13C2/Delta 13C3



Delta13 C2/C3 vs. Delta 13C3-C2



Delta 13 IC4/ Delta NC4

