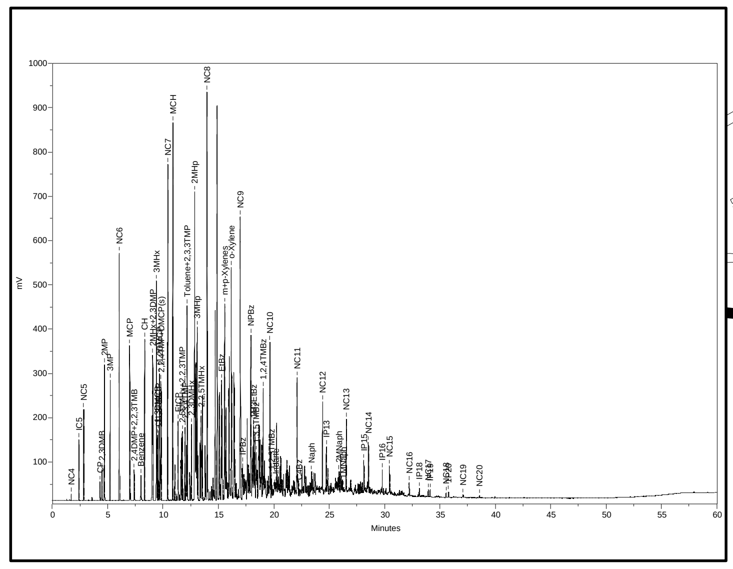
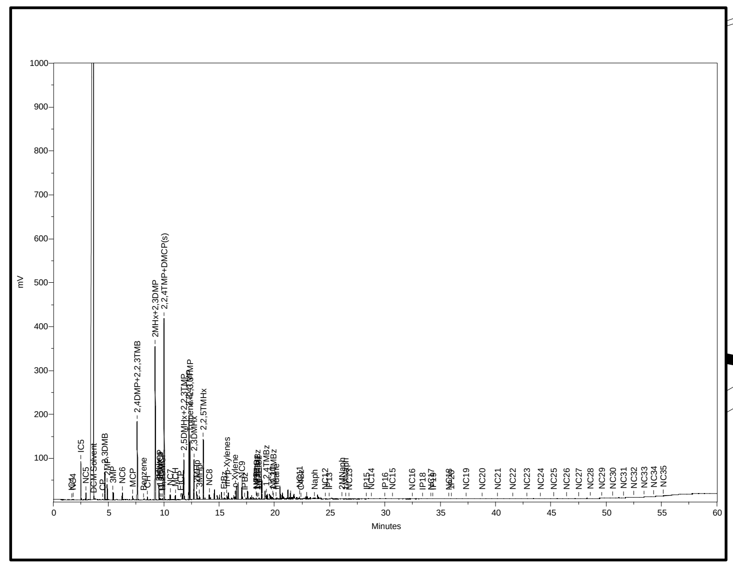
REFINERY SITE - HRGC/FID OF SELECTED FREE PRODUCT SAMPLES AND N-BUTANE CONCENTRATIONS MAP

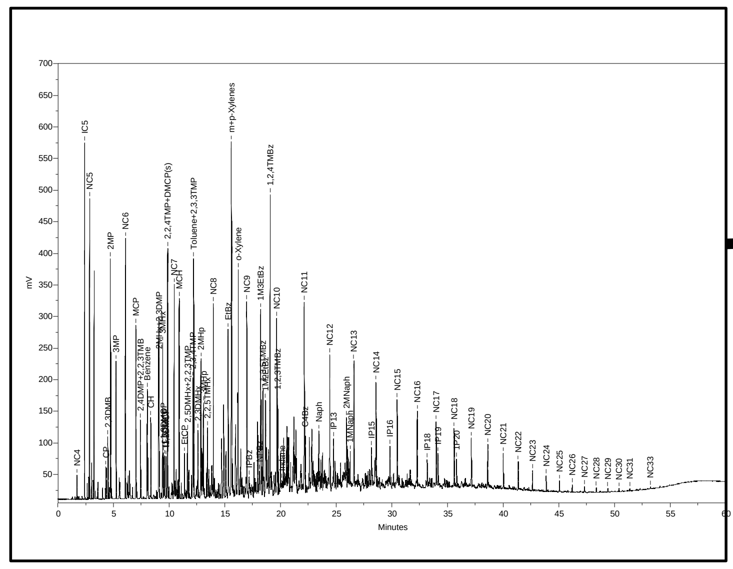
DOMINATE: Non degraded light oil that terminates at C20
Does not look like other crude types. Could be atmospheric distillate of crude oil
Heavy ends not present

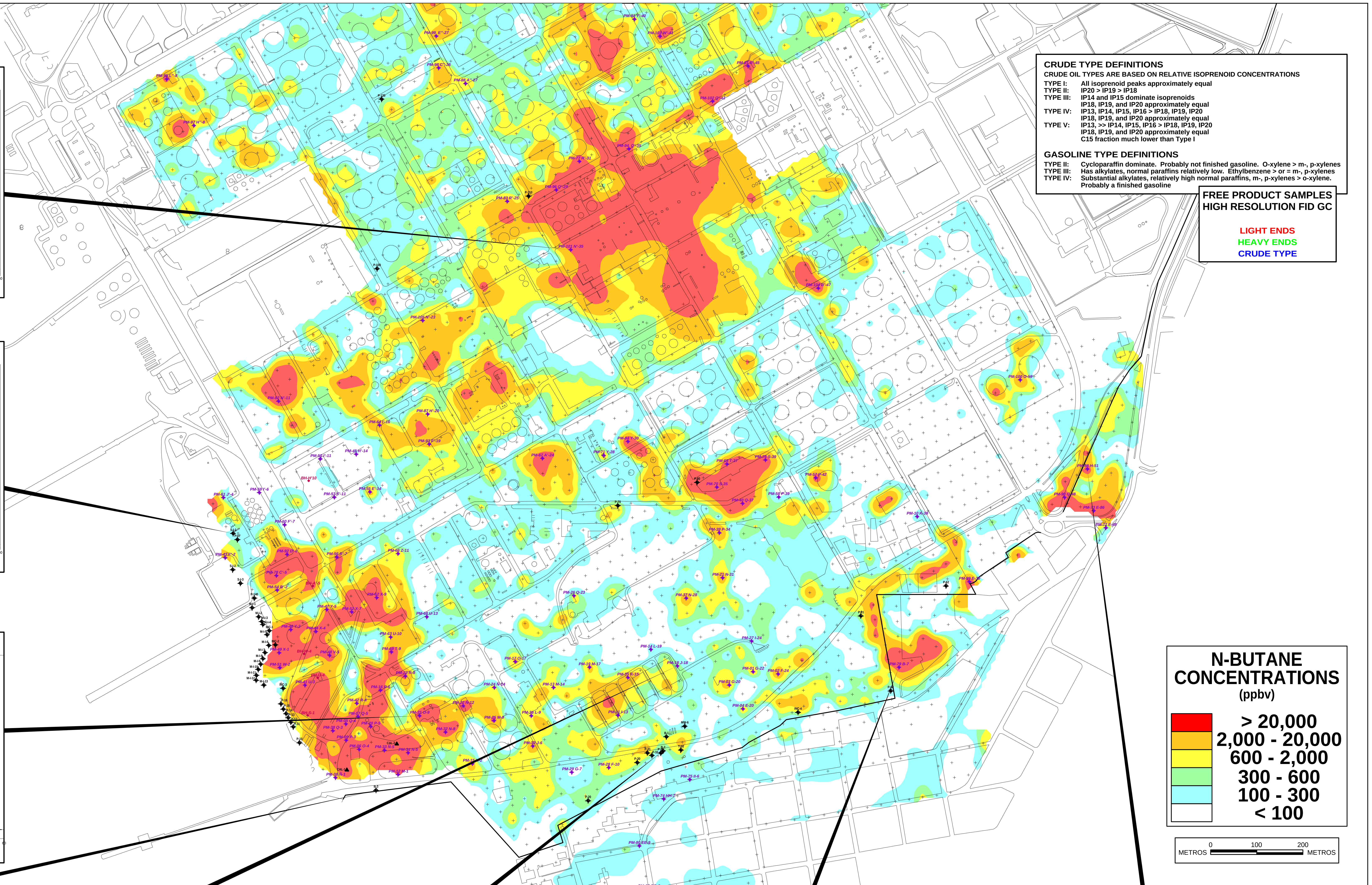


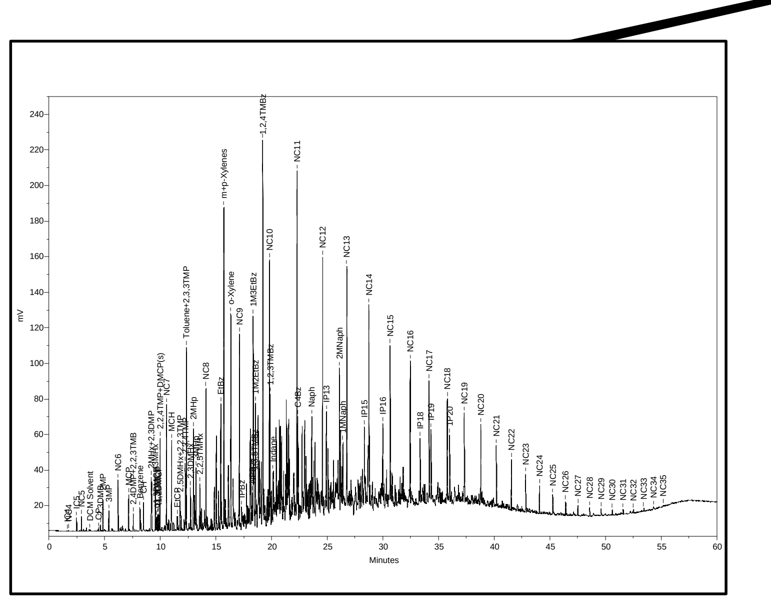
Entirely alkylate stream
Heavy ends not present



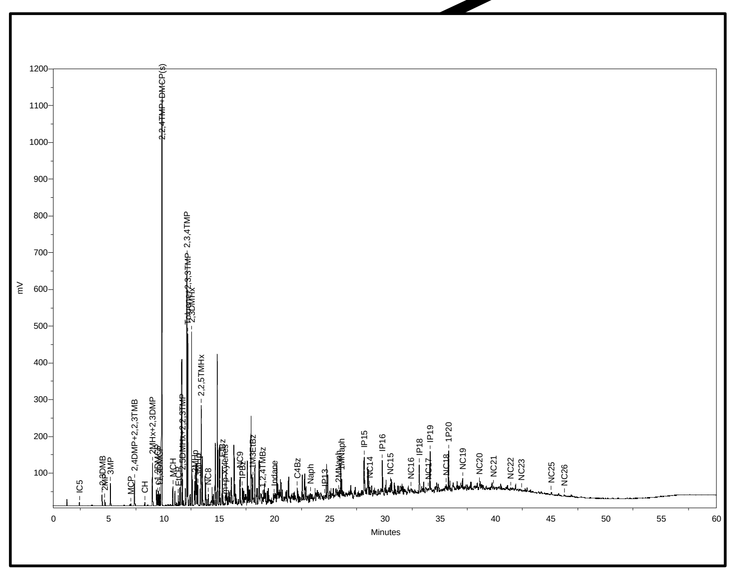
DOMINATE: Gasoline Type IV
SUBORDINATE: Minimally biodegraded crude oil
CRUDE TYPE: I



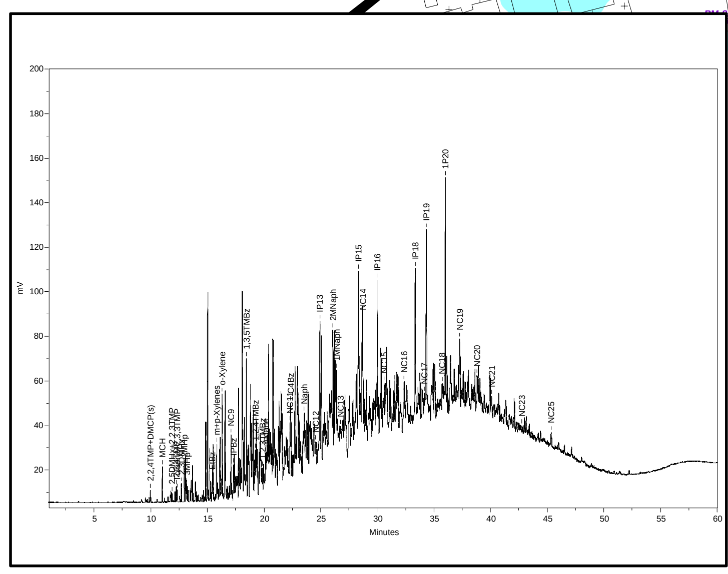




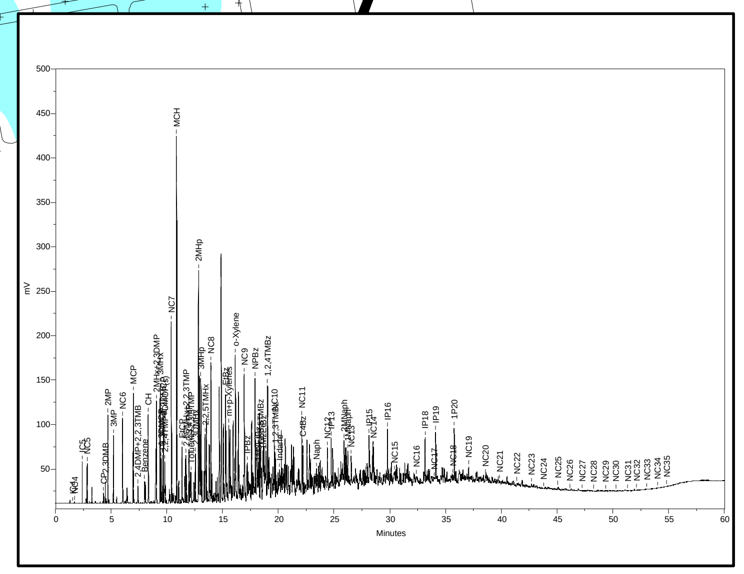
SUBORDINATE: Gasoline Type IV
DOMINATE: Minimally biodegraded crude
CRUDE TYPE: I



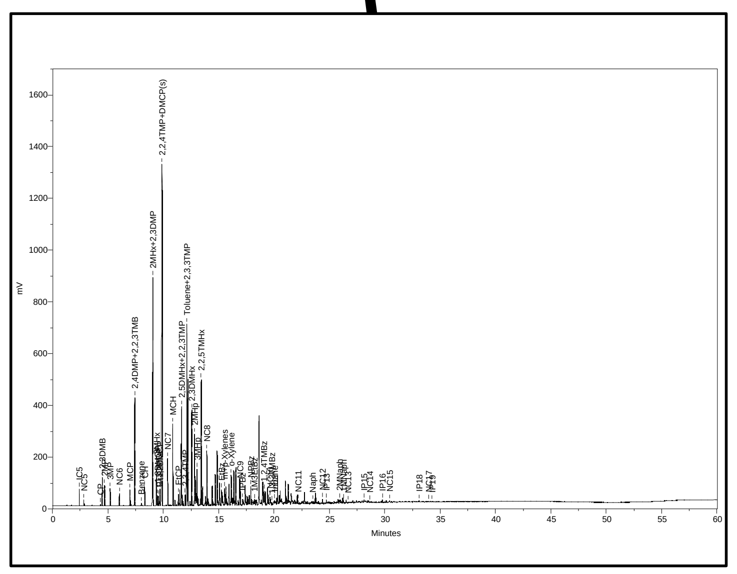
DOMINATE: Mostly alkylate stream
SUBORDINATE: Severely degraded crude oil
CRUDE TYPE: II



VERY SUBORDINATE: Cycloparaffin rich
DOMINATE: Entirely severely degraded crude (older)
CRUDE TYPE: II



DOMINATE: Straight run gasoline cut? (no alkylates)
SUBORDINATE: Severely biodegraded crude or diesel fuel oil
CRUDE TYPE: II



DOMINATE: Very weathered alkylate rich, cycloparaffin rich.
Probably not finished gasoline
Heavy ends not present