

Triton Analytics Corporation
 16840 Barker Springs, #302
 Houston, TX 77084
Z-type Summary

sample: **Low Sulfur Diesel**

data file/run date 107440 8/7/03

TAC ref: example

Assumed HTSD recovery: **100 % boiling below 1000F**

Note: values reported represent only a "best estimate"
Weight Percentage

Iso/normal paraffin ratio
 weighted average 0.85

average carbon # of n-paraffins 14.6

Z number Summary

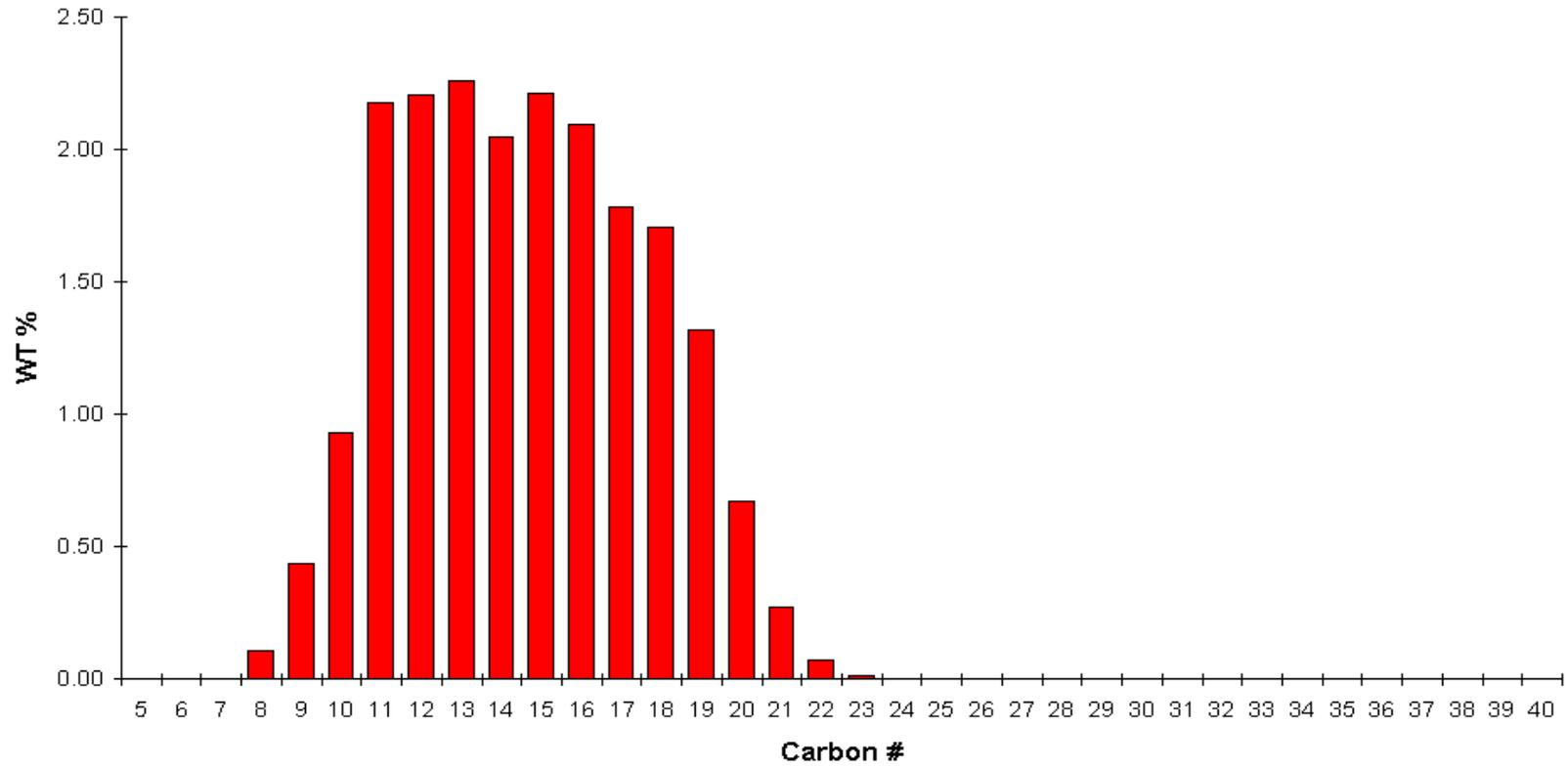
+2	37.47	Paraffins:	37.47
+0	19.56		
-2	14.21		
-4	4.02	Cyclanes:	37.79
-6p	0.00	Phenols	
-6	5.53		
-8	7.07		
-10b	0.14	Benzothiophenes	
-10	2.65	Monoaros:	15.38
-12	3.77		
-14	4.39		
-15	0.00	Carbazoles	
-16db	0.14	Dibenzothiophenes	
-16	0.67	Diaros:	8.96
-18	0.39		
-20	0.00		
-22bn	0.00	Benzonaphthothiophenes	
-22	0.00	Triaros:	0.39
-24	0.00		
-26	0.00		
-28	0.00	Tetraaros:	0.00
-30	0.00		
-32	0.00	Pentaaros:	0.00
			100.00

average # of carbons 14.3
 average # of hydrogens 26.5

phenolic oxygen 0.00 wt %
 thiophenic sulfur 0.05 wt %
 carbazolic nitrogen 0.00 wt %

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Normal Paraffin Distribution

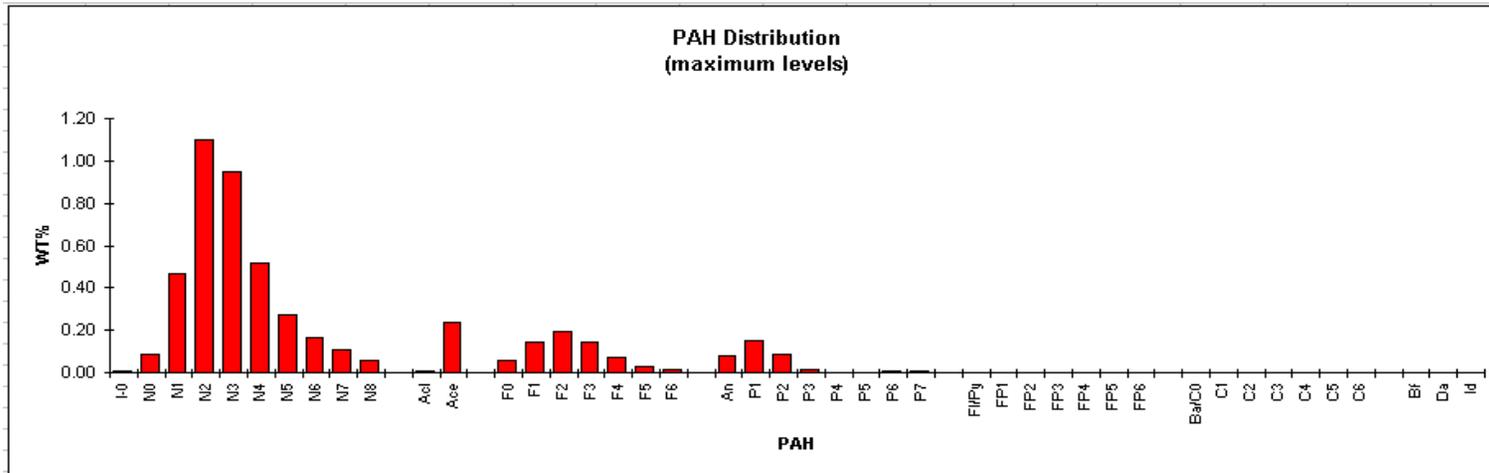
Low Sulfur Diesel



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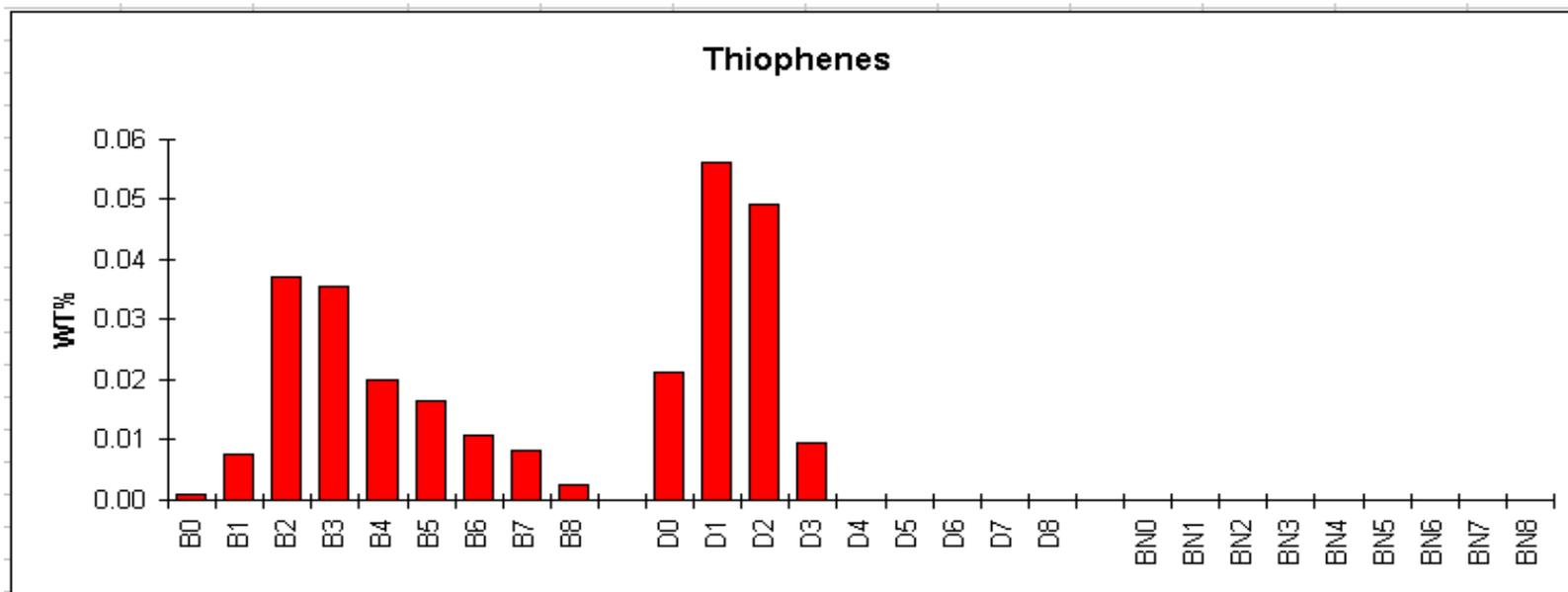


I0	Indene	F0	Fluorene	Fl/Py	Fluoranthene/pyrene
N0	naphthalene	F1	C1-fluorenes	FP1	C1-fluoranthene/pyrenes
N1	C1-naphthalenes	F2	C2-fluorenes	FP2	C2-fluoranthene/pyrenes
N2	C2-naphthalenes	F3	C3-fluorenes	FP3	C3-fluoranthene/pyrenes
N3	C3-naphthalenes	F4	C4-fluorenes	FP4	C4-fluoranthene/pyrenes
N4	C4-naphthalenes	F5	C5-fluorenes	FP5	C5-fluoranthene/pyrenes
N5	C5-naphthalenes	F6	C6-fluorenes	FP6	C6-fluoranthene/pyrenes
N6	C6-naphthalenes	An	Anthracene/phenanthrene	Ba/C0	Benzo(a)anthracene/chrysene
N7	C7-naphthalenes	P1	C1-anthracene/phenanthrenes	C1	C1-Benzo(a)anthracene/chrysenes
N8	C8-naphthalenes	P2	C2-anthracene/phenanthrenes	C2	C2-Benzo(a)anthracene/chrysenes
AcI	Acenaphthylene	P3	C3-anthracene/phenanthrenes	C3	C3-Benzo(a)anthracene/chrysenes
Ace	Acenaphthene	P4	C4-anthracene/phenanthrenes	C4	C4-Benzo(a)anthracene/chrysenes
		P5	C5-anthracene/phenanthrenes	C5	C5-Benzo(a)anthracene/chrysenes
		P6	C6-anthracene/phenanthrenes	C6	C6-Benzo(a)anthracene/chrysenes
		P7	C7-anthracene/phenanthrenes	Bf	Benzo(b),(k)fluoranthenes/(a)pyrene
		P8	C8-anthracene/phenanthrenes	Da	Dibenz(a,h)anthracene
				Id	Indeno(1,2,3-cd)pyrene/benzo(ghi)perylene

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B0	Benzothiophene	D0	Dibenzothiophene	BN0	Benzonaphthothiophene
B1	C1-benzothiophenes	D1	C1-dibenzothiophenes	BN1	C1-Benzonaphthothiophenes
B2	C2-benzothiophenes	D2	C2-dibenzothiophenes	BN2	C2-Benzonaphthothiophenes
B3	C3-benzothiophenes	D3	C3-dibenzothiophenes	BN3	C3-Benzonaphthothiophenes
B4	C4-benzothiophenes	D4	C4-dibenzothiophenes	BN4	C4-Benzonaphthothiophenes
B5	C5-benzothiophenes	D5	C5-dibenzothiophenes	BN5	C5-Benzonaphthothiophenes
B6	C6-benzothiophenes	D6	C6-dibenzothiophenes	BN6	C6-Benzonaphthothiophenes
B7	C7-benzothiophenes	D7	C7-dibenzothiophenes	BN7	C7-Benzonaphthothiophenes
B8	C8-benzothiophenes	D8	C8-dibenzothiophenes	BN8	C8-Benzonaphthothiophenes

average molecular weights
 183.7 Benzothiophenes

202.8 Dibenzothiophenes

248.0 Benzonaphthothiophenes

weight percent thiophenic sulfur 0.05 %

**Reconstructed Ion Chromatogram
Low Sulfur Diesel**

