About Na₂SO₄

 Na_2SO_4 is sodium sulfate. It contains Na^+ and SO_4^{2-} . $Na_2SO_4 \cdot 10 H_2O$ is a decahydrate.

$$Na_2SO_4 + 2C \longrightarrow Na_2S + 2CO_2$$

$$Na_2SO_4 + H_2SO_4 \Longrightarrow 2 NaHSO_4$$
 (1)

Isotopes

 $^{232}_{92}U_{140}$ is uranium-232.

Hydrocarbons

- H_3C-CH_3 is ethane,
- $H_2C=CH_2$ is ethylene,
- $H_2C \equiv CH_2$ is ethyne.