1. Find the molar mass for the following molecules.

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| 1. NO | 1. SnC2O4 |
| 1. ammonia | 1. acetic acid |
| 1. carbon dioxide | 1. CH3CH2CH3 |
| 1. calcium hydroxide | 1. iron (lll) chloride |
| 1. aluminum nitrate | 1. magnesium sulfate heptahydrate |

1. It was found that 2.41x10-2 moles of an oxide of iron has a mass of 5.6 grams. Is this oxide of iron FeO, Fe2O3, or Fe3O4?