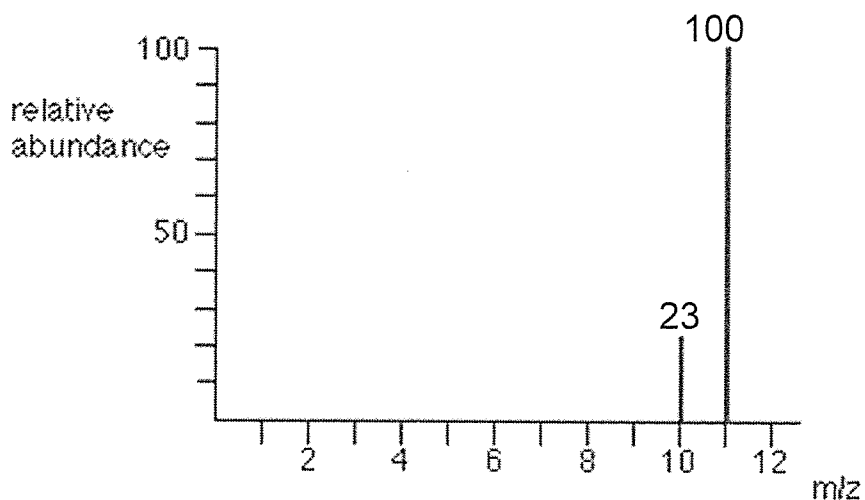# Isotope problem

1. Given the information in the mass spectrum below:

    (a) Calculate the relative percentage abundance of each of the isotopes.

    (b) Calculate the atomic mass of the element

    (c) Using the information from (b) identify the element.

    (d) Explain why the mass /charge ratio in most cases is the same as the mass of the isotope.

2. Given the information in the mass spectrum below:

    (a) Calculate the relative percentage abundance of each of the isotopes.

    (b) Calculate the relative atomic mass of the strontium sample

The mass spectrum of the element strontium