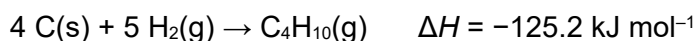
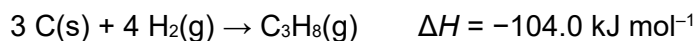
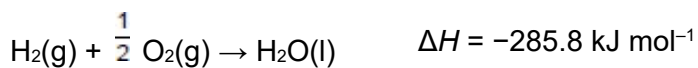


Q1.

Use this information to answer the question below



What is the enthalpy of combustion, in kJ mol^{-1} , of propane?

A -211.7

☐

B -419.7

☐

C -2220

☐

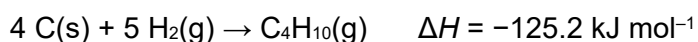
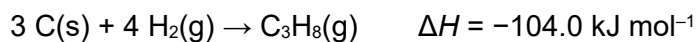
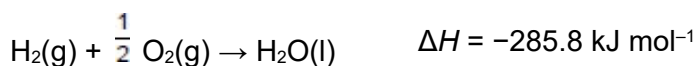
D -2878

☐

(Total 1 marks)

Q2.

Use this information to answer the question below



What is the enthalpy change, in kJ mol^{-1} , when butane reacts to form propane, hydrogen and carbon?

A +21.2

☐

B +17.5

☐

C -17.5

☐

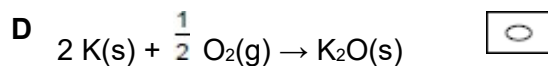
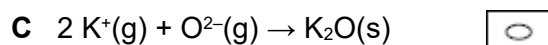
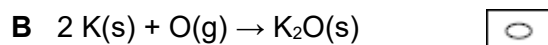
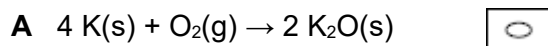
D -21.2

☐

(Total 1 marks)

Q3.

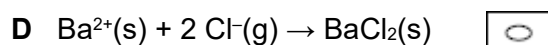
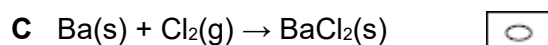
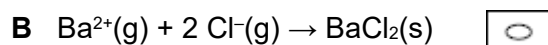
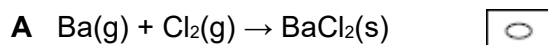
Which reaction has an enthalpy change equal to the standard enthalpy of formation of potassium oxide?



(Total 1 mark)

Q4.

Which reaction has a standard enthalpy change equal to the standard enthalpy of formation for barium chloride?



(Total 1 mark)