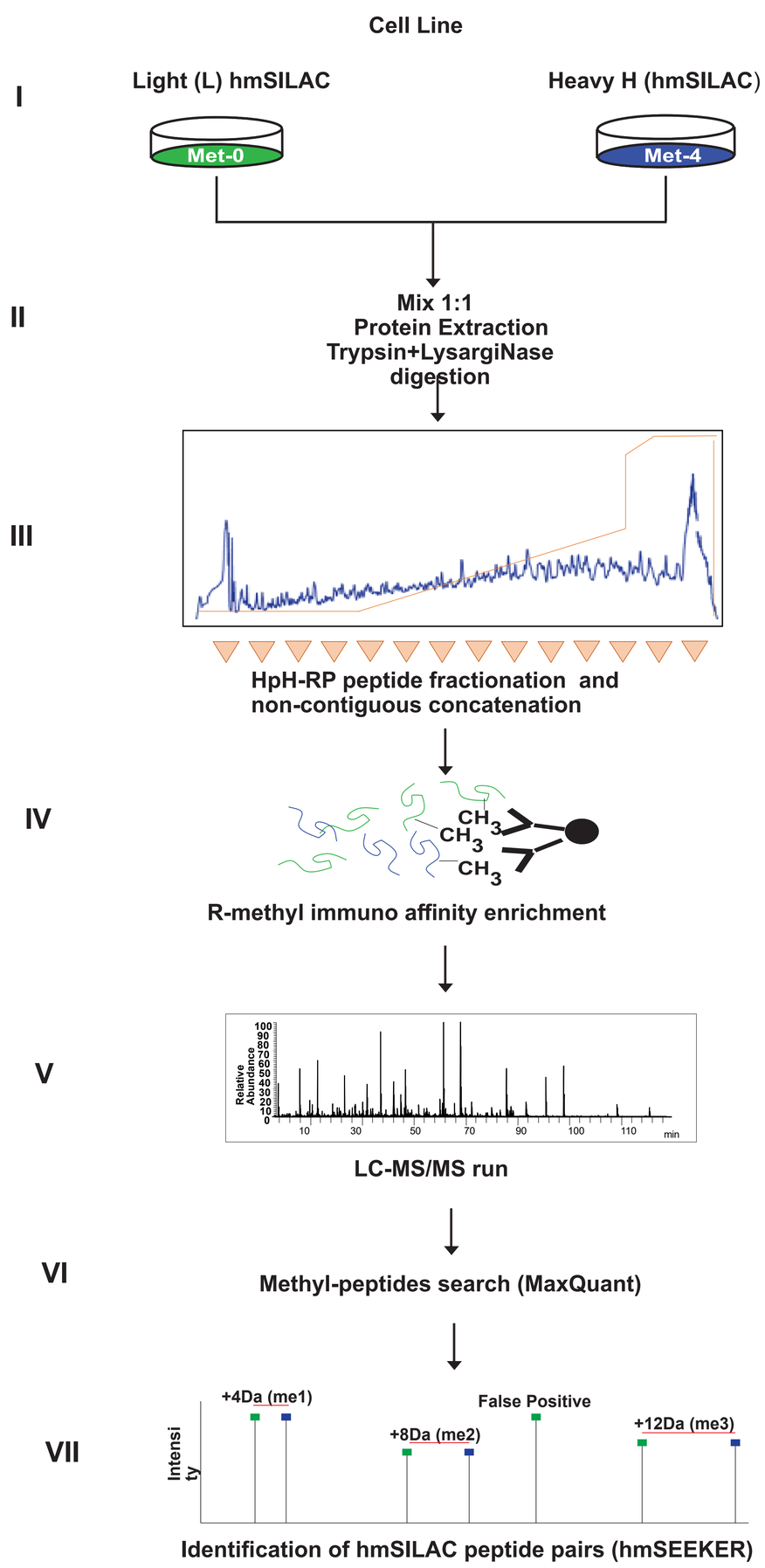
A


Cell Line
I
Light (L) hmSILAC
Heavy H (hmSILAC)
Met-0
Met-4
II
Mix 1:1
Protein Extraction
Trypsin+LysargiNase
digestion
III
HpH-RP peptide fractionation and
non-contiguous concatenation
IV
CH3
CH3
CH3
R-methyl immuno affinity enrichment
V
Relative Abundance
min
LC-MS/MS run
VI
Methyl-peptides search (MaxQuant)
VII
Intensity
+4Da (me1)
+8Da (me2)
False Positive
+12Da (me3)
Identification of hmSILAC peptide pairs (hmSEEKER)