

Re: mass spec analysis help -----

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 - *Date:* Mon, 15 Oct 2007 16:50:00 GMT
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Is it a protein or nucleotide? Please give molecular weight of unlabeled sample. What is molecular formula, CmHnOlnKsq? Tell us something about the mass spec. Is it ESI, or MALDI? If it was ESI then was it LC/MS. Tell us something about chromatogram. Tell us something about the deconvolution of multiply charged peaks. This sample is for NMR right? Tell us something about hetcor.

"Kadi" <skarthickbabu@xxxxxxxxxx> wrote in message
<news:1192452630.038245.285260@xx>

Dear all ,

Is there any better way to find out how much of ¹³C and ¹⁵N labelled in my sample by mass spec.

current mass spectrum of my sample when compared to unlabelled sample shows that it has been labelled by both ¹³C and ¹⁵N.

but i wondering how could i calculate to know how much of each nuclei would be labelled.

my sample is isolated from bacteria, so it not like chemical synthesis , where i could be sure of 100 percent conversion etc.

I think you may be making a false assumption here.

if any software could simulate the spectra , plz let me know so that i can simulate the spectra for ¹³C and ¹⁵N labeling pattern separately and compare them to get some rough idea.

will be very happy if some one could help me out.

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thanks in advance.

doei
kadi

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