Editor-in-Chief of Journal of the Serbian Chemical Society

Thanks very much for your e-mail regarding our research work with entitled **“**QTAIM investigation of decorated graphyne and boron nitride for Li detection**”.**

I am enclosing herewith the revised manuscript. All changes and corrections were marked in yellow.

The following corrections have been performed according to the referees’ comments (the reviewer's **comments** are in italics).

In response to reviewer 1 comments

1. *There are too many grammatical shortcomings in the English of the  
   manuscript. Consider reviewing the English of the manuscript, specially the  
   second part of the results and discussion.*

We have corrected all the grammatical shortcomings of the manuscript

1. *The objective of the work must clearly clarified in Introduction.*

This comment was considered in last section of Introduction.

1. *How did the authors choose the number of Li atoms in the structures? How  
   many Li atoms are in the structures? Why they did not include more or fewer  
   Li atoms in the structures.*

The main objective of this theoretical work concerns to achievement of valuable information on the strength and nature of interactions of Li on GY and BN–yne systems. In order to there are three different positions in GY and BN–yne systems, so that we obtain these optimized positions of Li atoms in these positions.(the number of Li atoms in Figure 1 were corrected).

1. *Some of the abbreviations are not defined in the manuscript.*

This comment was considered in the manuscript.

1. *Use two digits after decimal places for bond lengths.*

Digits after decimal places for bond lengths were changed to two digits.

1. *Represent the atom symbols in the figures.*

The atom symbols in the figures were added.

I hope the revised manuscript will be suitable for publication the Serbian Chemical Society

With best regards,

Sincerely Yours,

Leila Zeidabadinejad