Supporting Information Biorg. Med. Cehem. Rep. 7:2 (2024) 20-32

The anti-pathogenic activity and DNA gyrase inhibition of freshwater crabs (Barytelphusa cunicularis) are related to their structure-activity relationship

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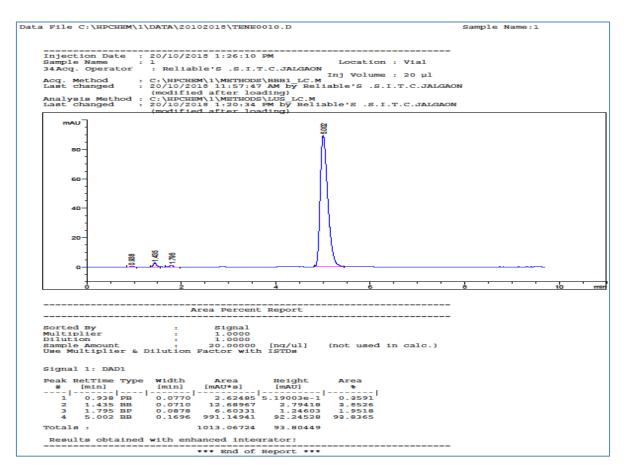


Figure S1: HPLC results for compound 1

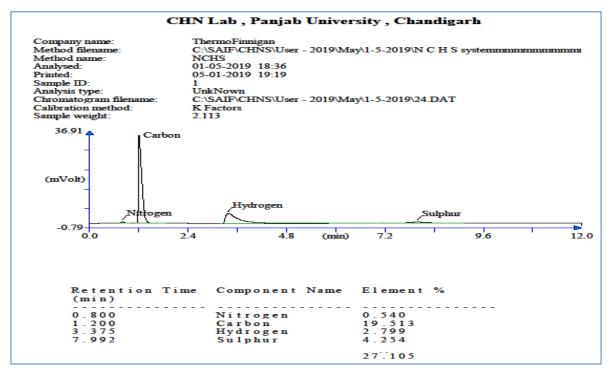


Figure S2: Elemental analysis results for compound 1

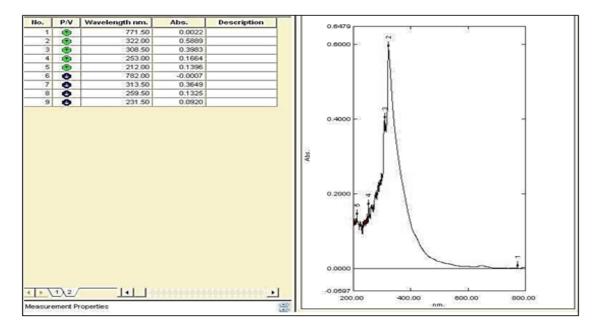


Figure S3: UV-visible analysis result for isolated compound 1

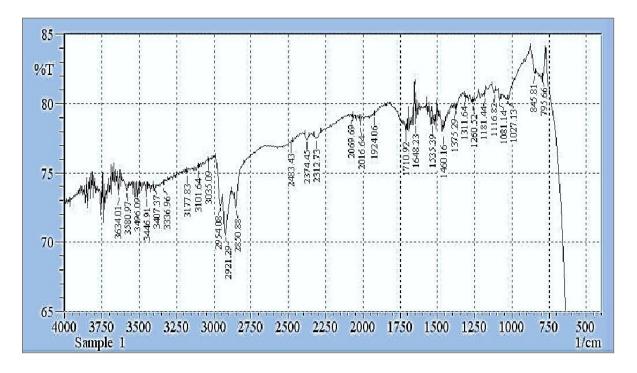


Figure S4: FTIR analysis results for isolated compound 1

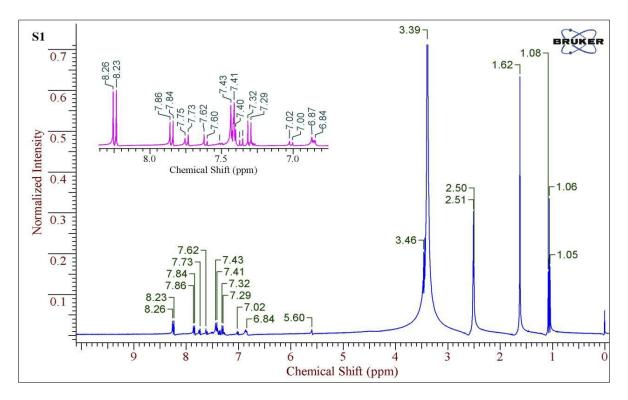


Figure S5: ¹HNMR Spectral result for isolated compound 1

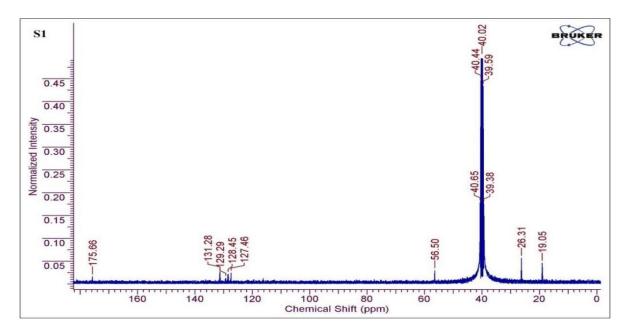


Figure S6: ¹³CNMR spectral result for isolated compound 1

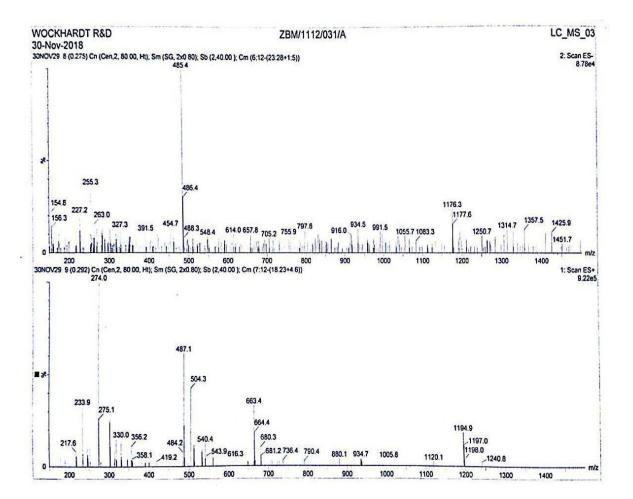


Figure S7: LC-MS spectral data for isolated compound 1



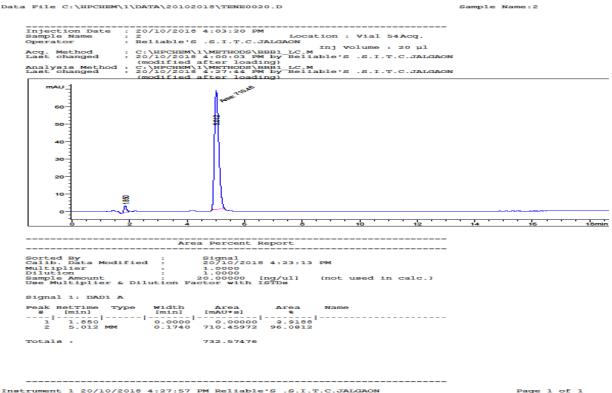


Figure S8: HPLC results for compound 2



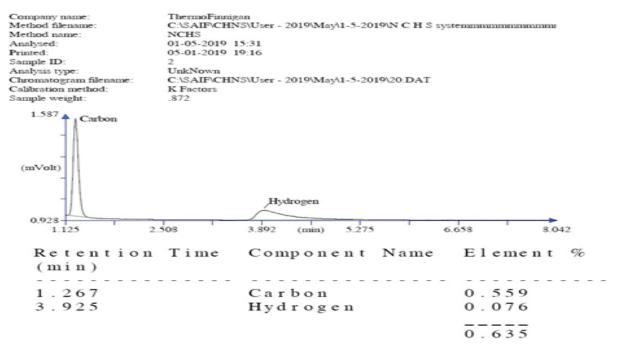


Figure S9: Elemental analysis results for compound 2

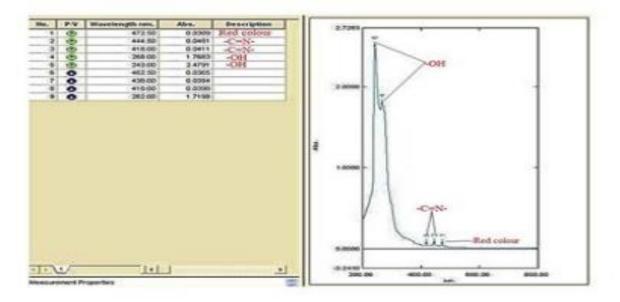


Figure S10: UV-visible analysis result for isolated compound 2

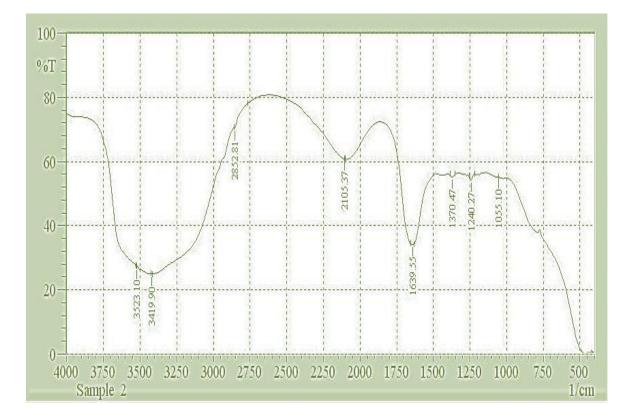


Figure S11: FTIR analysis results for isolated compound 2

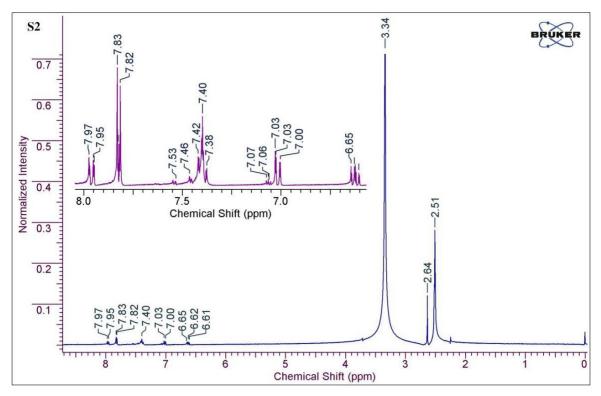


Figure 12: ¹HNMR Spectral result for isolated compound 2

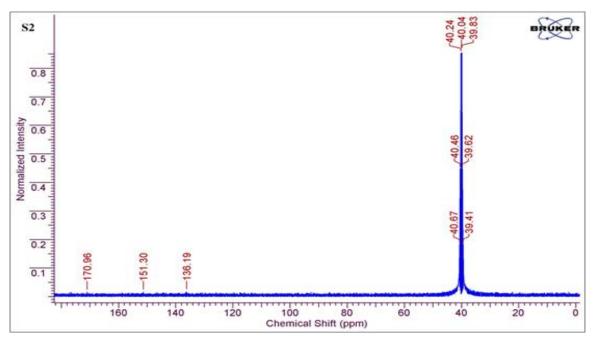


Figure S13: ¹³CNMR spectral result for isolated compound 2

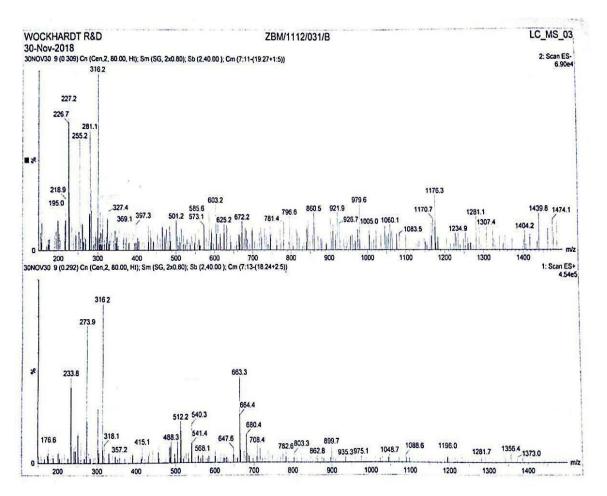
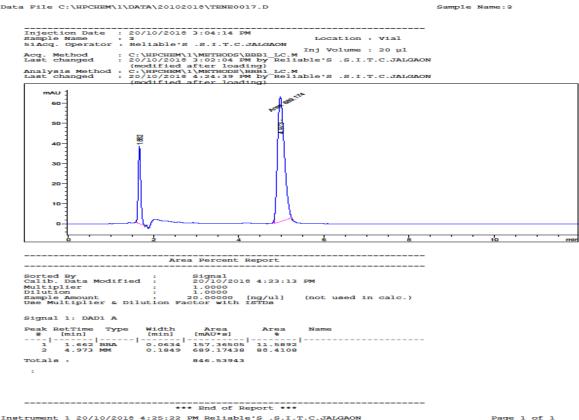
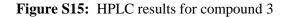


Figure S14: LC-MS spectral data for isolated compound 2

Data File C:\HPCHEM\1\DATA\20102018\TENE0017.D





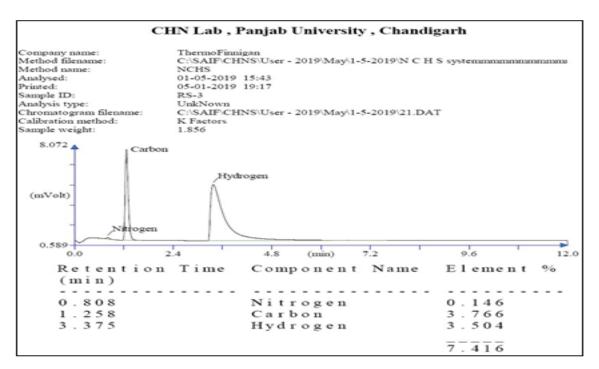


Figure S16: Elemental analysis results for compound 3

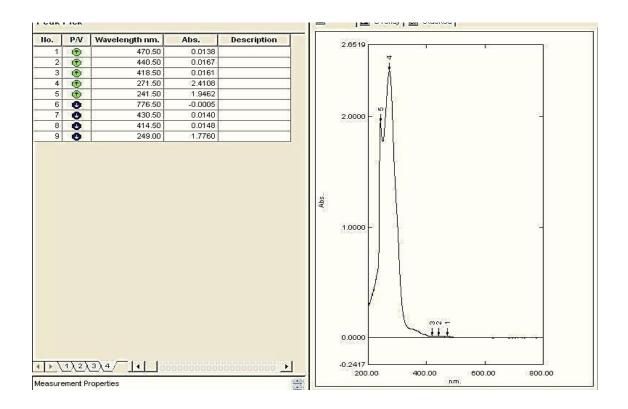


Figure S17: UV-visible analysis result for isolated compound 3

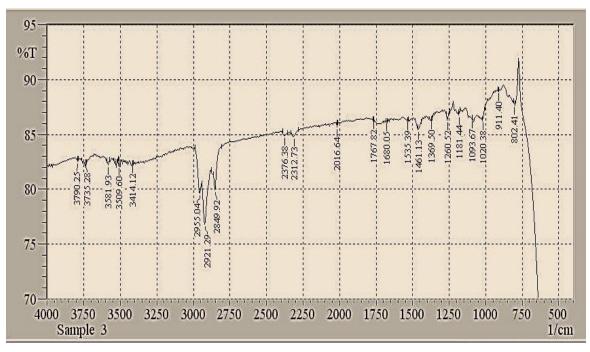


Figure S18: FTIR analysis results for isolated compound 3

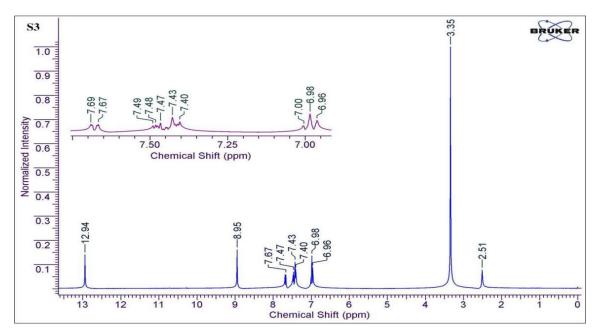


Figure S19: ¹HNMR Spectral result for isolated compound 3

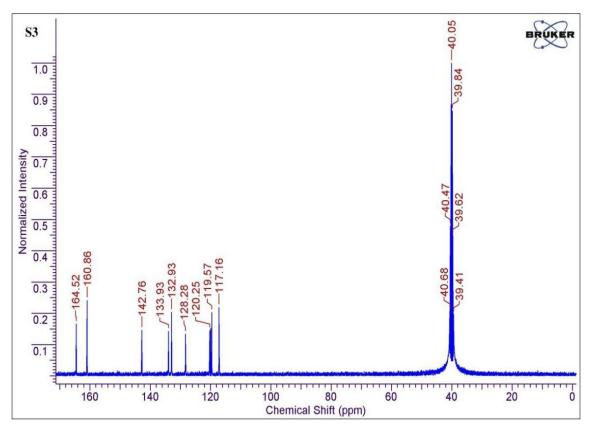


Figure S20: ¹³CNMR spectral result for isolated compound 3

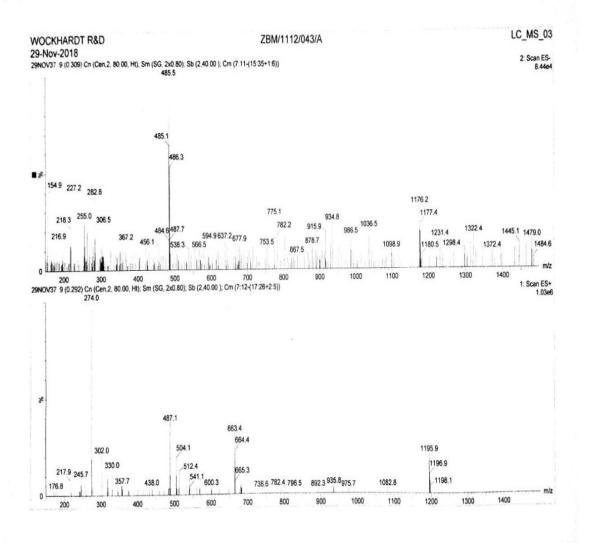
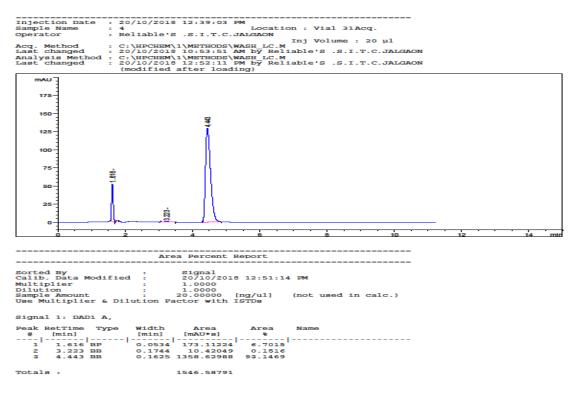


Figure S21: LC-MS spectral data for isolated compound 3

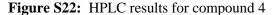
Data File C:\HPCHEM\1\DATA\20102018\LURS0041.D

Sample Name:4



Instrument 1 20/10/2018 12:52:12 PM Reliable'S .S.I.T.C.JALGAON

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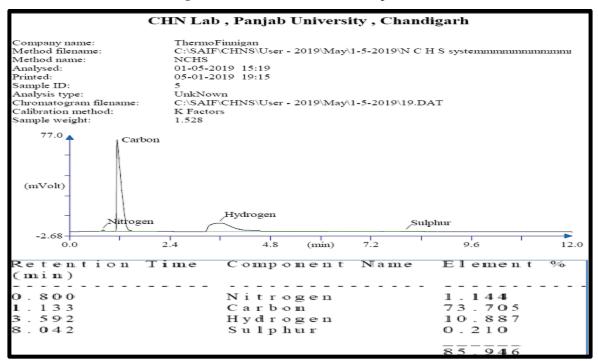


Figure S23: Elemental analysis results for compound 4

0.	P/V	Wavelength nm.	Abs.	Description	1.1738	
1	1	769.50	-0.0002		1,1736	
2	1	648.00	0.0130			
3	1	503.00	0.0048	19		10
4	1	487.00	0.0055		1.0000 -	25
5	1	319.50	1.0670		1.0000 -	
6	1	306.00	0.1890			
7	1	270.50	0.1016			
8	1	265.00	0.0981			
9	1	246.00	0.0825			
10	0	765.50	-0.0013			

Figure S24: UV-visible analysis result for isolated compound 4

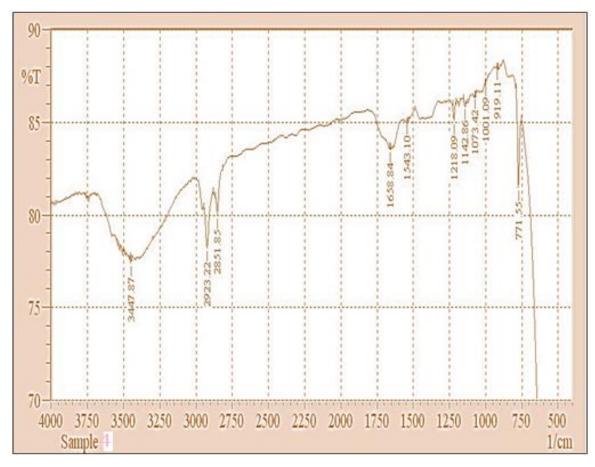


Figure S25: FTIR analysis results for isolated compound 4

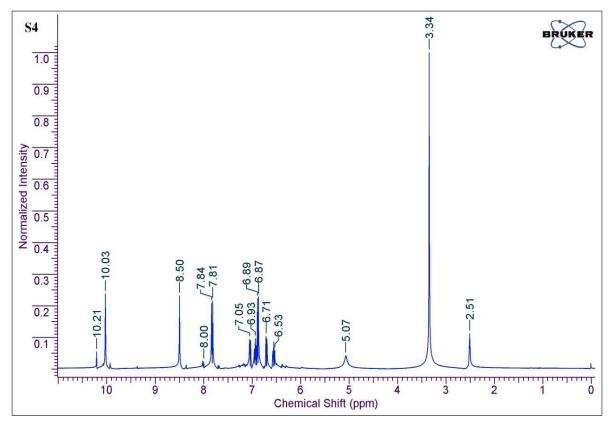


Figure S26: ¹HNMR Spectral result for isolated compound 4

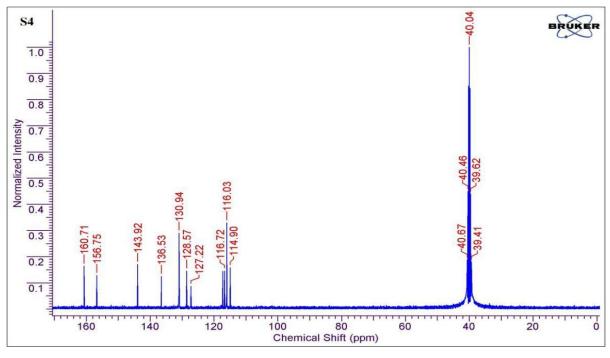


Figure S27: ¹³CNMR spectral result for isolated compound 4

		222
WOCKHARDT R&D 29-Nov-2018	ZBM/1112/043/C	LC_MS_03
29NOV39 8 (0 275) Cn (Cen.2, 80 00, Ht), Sm (SG, 2x0 80). 227.1	2: Scan ES- 1.80e5	

Figure S28: LC-MS spectral data for isolated compound 4