

SUPPLEMENTARY DATA

Evolution of humic acids during *ex situ* bioremediation on a pilot level – an added value of the microbial activity

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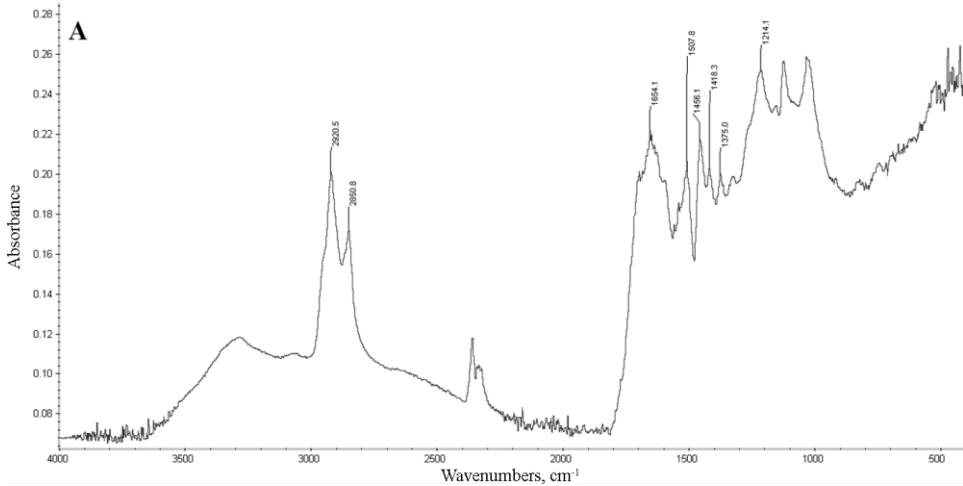
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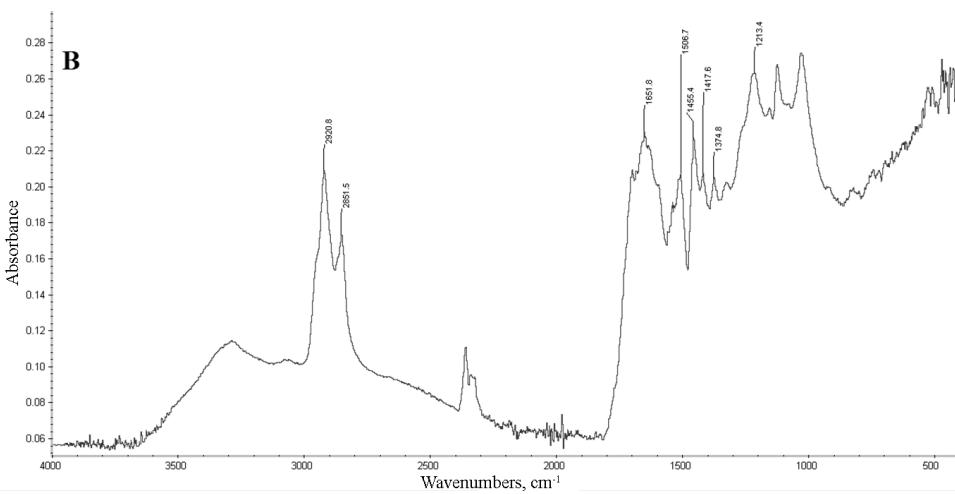
Fig. S1 A-D. FTIR spectra of HAs: A - 0 days, B - 60 days, C - 120 days, and D - 150 days.

Fig. S1 A-D.

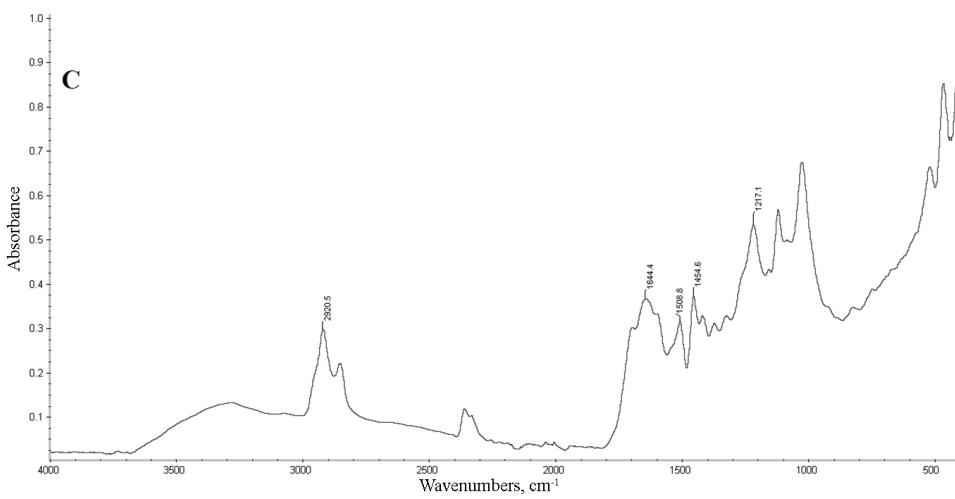


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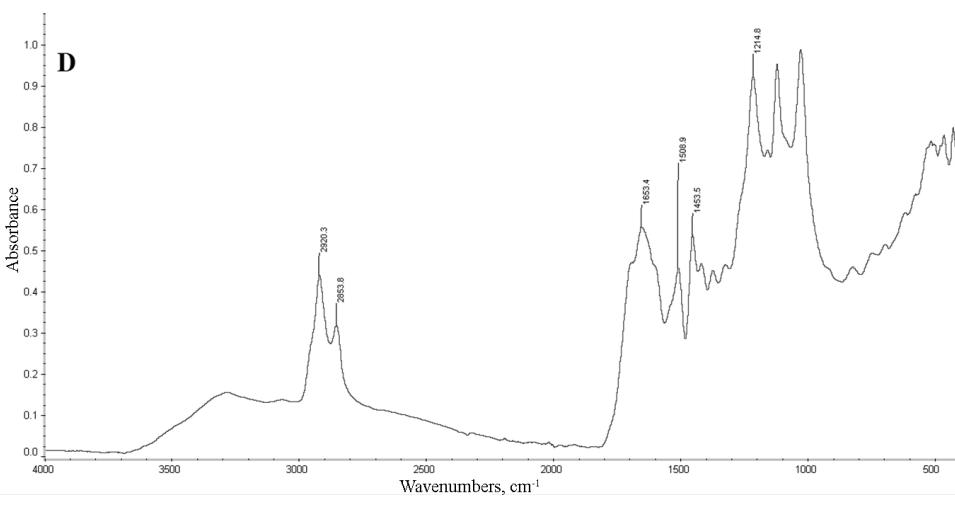
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24 Table SI. Numbers of total chemoorganotrophs (TC) and hydrocarbon degrading (DHC)
25 microorganisms and percentage of DHC in TC during bioremediation process of the polluted
26 biopile.

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28 Table SI.

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| 30 | 31 | 32 | 33 | 34 | 35 | Bioremediation day | Total chemoorganotrophic bacteria (CFU g ⁻¹) | Hydrocarbon- degrading bacteria (CFU g ⁻¹) | Percentage of hydrocarbon degraders in the total bacterial count |
|----|----|----|------------|----|----|--------------------|---|--|---|
| | | | 0 | | | | 1.05x10 ⁶ | 1.88x10 ⁵ | 17.91 |
| | | | 60 | | | | 1.22x10 ⁷ | 1.98x10 ⁶ | 16.23 |
| | | | 120 | | | | 9.88x10 ⁶ | 9.00x10 ⁵ | 9.10 |
| | | | 150 | | | | 1.20x10 ⁷ | 9.50x10 ⁶ | 79.17 |