

Destroy, create, transform and sublimate: laboratory dissociation studies on polycyclic aromatic hydrocarbons and analogues

Kamer, J.

## Citation

Kamer, J. (2025, October 22). *Destroy, create, transform and sublimate: laboratory dissociation studies on polycyclic aromatic hydrocarbons and analogues*. Retrieved from https://hdl.handle.net/1887/4273690

Version: Publisher's Version

License: License agreement concerning inclusion of doctoral thesis

in the Institutional Repository of the University of Leiden

Downloaded from: <a href="https://hdl.handle.net/1887/4273690">https://hdl.handle.net/1887/4273690</a>

**Note:** To cite this publication please use the final published version (if applicable).

## Propositions accompanying the thesis

## Destroy, Create Transform and Sublimate

Laboratory Dissociation Studies on Polycyclic Aromatic Hydrocarbons and Analogues

- 1. Benzonitrile is chemically of vital importance as it can play a role in both dissociation and association reactions in the ISM (Chapter 3).
- 2. PANHs should not be omitted in interstellar PAH research (Chapter 4 & 5).
- 3. Dissociation of PA(N)Hs in the ISM is not the end of their chemical, interstellar life cycle (Chapter 6).
- 4. Carbonaceous molecules containing five-membered rings are formed from small PAHs without carbon atom loss (Chapter 7).
- 5. Experimental data demands interpretation, not acceptance.
- 6. Few analytical techniques match the elegance of time-of-flight mass spectrometry.
- 7. Scientific breakthroughs rely more on creativity and imagination than on method.
- 8. Anything can happen in space.
- 9. Never awaken your supervisor from slumber.
- 10. Empathy is the best virtue a person can have.
- 11. The most difficult thing in academia is pronouncing everyone's name correctly.
- 12. Fail as much as you can.

Jerry Kamer Leiden, 22 oktober 2025