Electronic Supplementary Material (ESI) for Materials Advances.


# Efficient Photo-oxidation of Bisphenol A and Tetracycline through Sulfur-Doped g-$C_3N_4$/CD Heterojunctions

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**Supplementary Information**

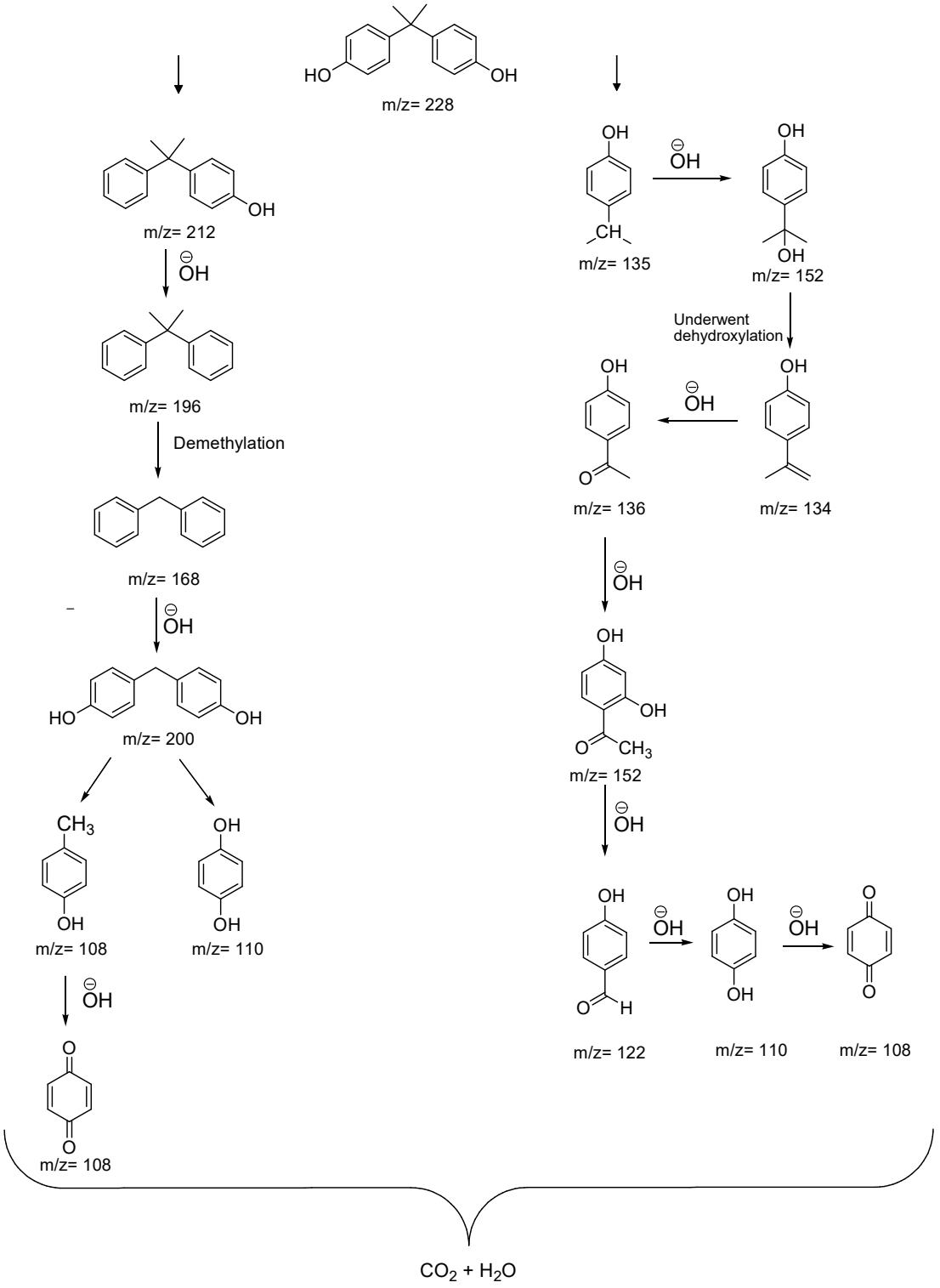


Figure S1: Proposed Pathway for Degradation of BPA

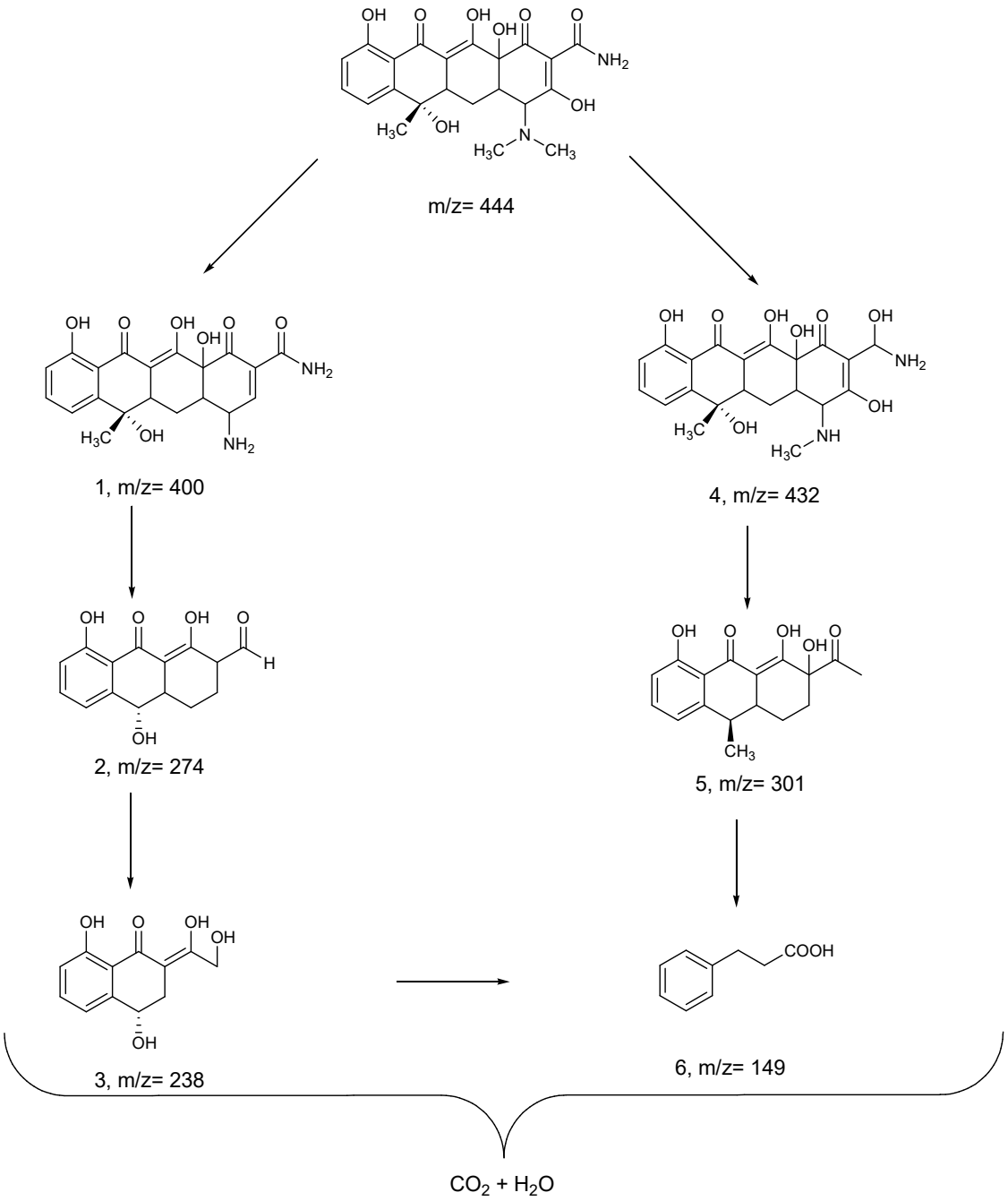


Figure S2: Proposed Pathway for degradation of TC

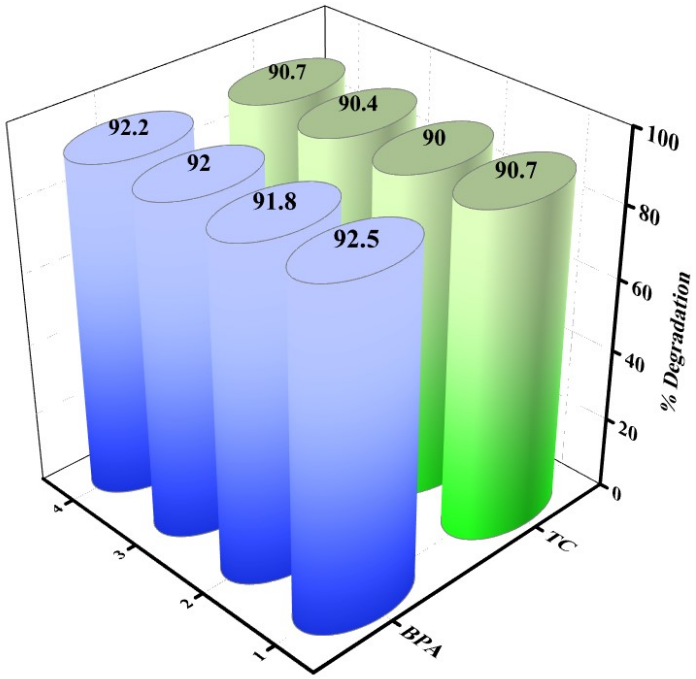


Figure S3: Degradation efficiency of SCN/CD3 after repeated experiments.

| Catalyst | Atomic % | | | |
|---|---|---|---|---|
| | C(1s) | N(1s) | O(1s) | S(2p) |
| SCN/CD3 | 39.66 | 56.41 | 3.67 | 0.26 |

Figure S4: Atomic % of elements detected by XPS