Supplementary Materials:

Table S1. The quality values of NCs and MPCs for studied compounds taken from [19].

| PAH | $C_{QVNCs}$, ng/L | $C_{QVMPCs}$, ng/L |
|-----|-------------------|-------------------|
| Ace | 0.7               | 70                |
| Fle | 0.7               | 70                |
| Ant | 0.7               | 70                |
| Flu | 3.0               | 300               |
| Pyr | 0.7               | 70                |
| BaA | 0.1               | 10                |
| Chr | 3.4               | 340               |
| BbF | 0.1               | 10                |
| BkF | 0.4               | 40                |
| BaP | 0.5               | 50                |
| DBA | 0.5               | 50                |
| BPe | 0.3               | 30                |
| IDP | 0.4               | 40                |

Figure S1. Relationship between the mean TPAHs concentration and the daily discharge in the Tumen River estuary (a) and the Partizanskaya River estuary (b).
**Figure S2.** (A)—Relative abundance of DPAHs in the Tumen River (left) and Partizanskaya River (right); (B)—Relative abundance of PPAHs in the Tumen River (left) and Partizanskaya River (right).