## Supplementary materials

<table>
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<th>Daily maximum of relative PN contribution (%)</th>
<th>Daily minimum of relative PN contribution (%)</th>
<th>Enrichment factor</th>
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**Table S1.** Enrichment factor of the relative PN contribution for the semi-urban area, Rocklea under the influence of upwind pollution during the nucleation burst events. Only data between the period of 08:00-16:00 have been used in the calculation.