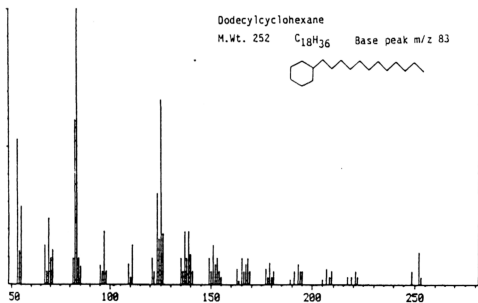
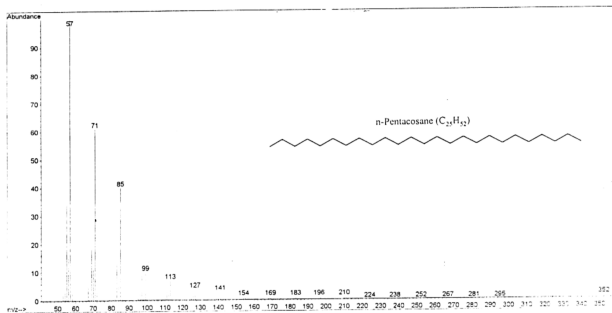


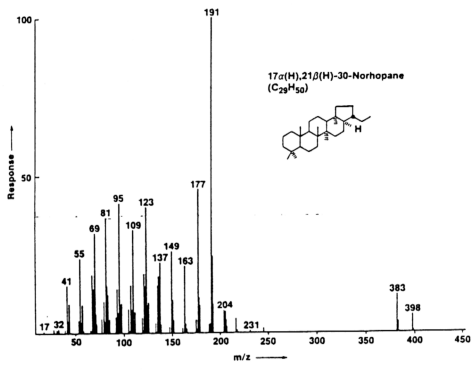
APPENDICES

Appendix A

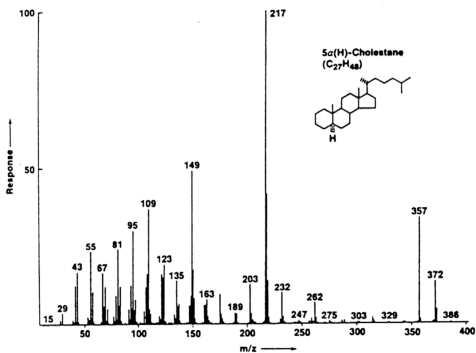
Mass spectra of some common hydrocarbons



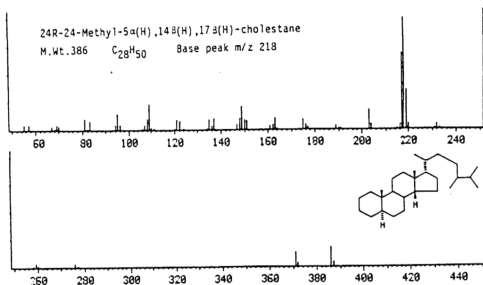
Adapted from Philp (1985).



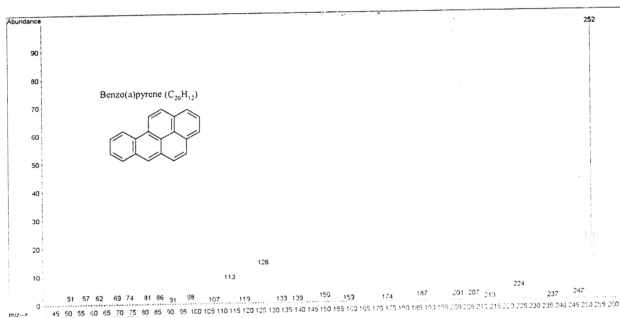
Adapted from Peters and Moldowan (1993).



Adapted from Peters and Moldowan (1993).



Adapted from Philp (1985).



Appendix B

Photographs of the sampling sites

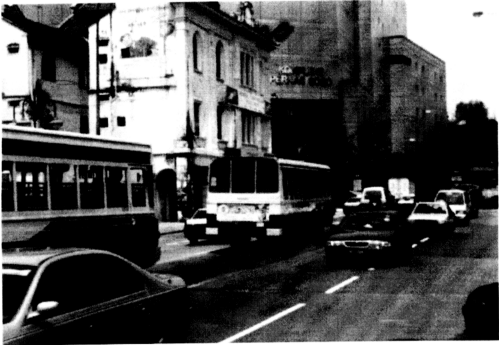
Note: Photographs were taken off peak hours.



Site No. 1: Pantai Baharu



Site No. 2: Jalan Travers



Site No. 3: Dang Wangi



Site No. 4: Jalan Ampang



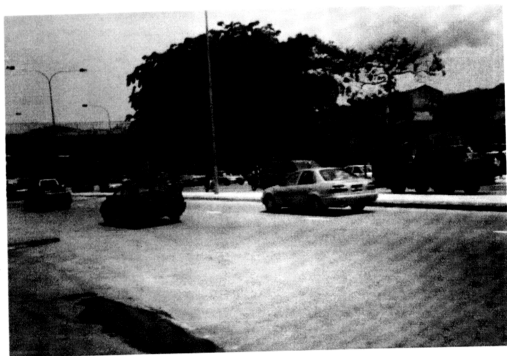
Site No. 5: Cheras



Site No. 6: Pudu



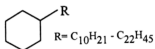
Site No. 7: Sentul



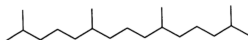
Site No. 8: Kepong

Appendix C

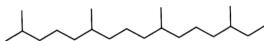
Chemical structures cited



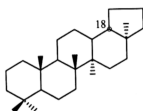
I. n-Alkylcyclohexanes



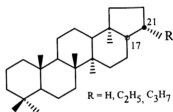
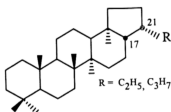
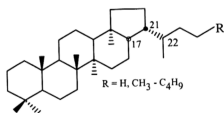
IIa. Pristane



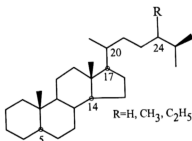
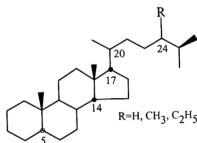
IIb. Phytane

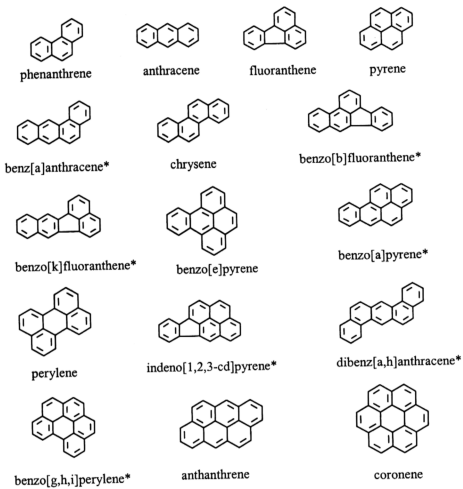


III. Ts

IV. Tm ($R=H$), norhopane ($R=C_2H_5$), hopane ($R=C_3H_7$)V. Normeretane ($R=C_2H_5$), moretane ($R=C_3H_7$)

VI. Homohopanes

VII. $\alpha\alpha$ -SteranesVIII. $\alpha\beta$ -Steranes



IX. PAHs (carcinogenic PAHs indicated by *).



X. Dibenzothiophene

Appendix D

Publications

The Malaysian Journal of

Analytical Sciences

ISSN 1394-2506

Editor-in-Chief: Prof. Sukiman Sarmani

Date: 15 Januari 2001

Prof Madya Dr Mohd Radzi Abas
Department of Chemistry
University of Malaya
50603 Kuala Lumpur.

Manuscript No. : SKAM XIII/AS/P71

Title : Heavy molecular weigh-weight organic compounds in the atmosphere: the hopanes

Dear colleague,

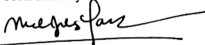
The enclosed manuscript has been has been accepted for publication in The Malaysian Journal of Analytical Sciences provided all corrections suggested by the Reviewer is attended to. If you don't agree with the comments made by the Reviewer please send back your original manuscripts together with the rebuttal to us.

Please ensure that you follow the format for the Malaysia Journal of Analytical Sciences closely (Refer to MJAS 4(1)1998). Only camera ready papers will be accepted for printing.

Return two (2) copies of your camera ready manuscripts plus a diskette to us within three weeks of acceptance of this letter.

Thank you.

Yours sincerely,



Assoc. Prof Dr Md Jelas Haron
Co-editor MJAS
Jabatan Kimia
Universiti Putra Malaysia
43400 Serdang Selangor

o/b Editor-in-Chief