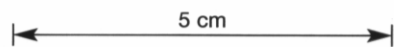


5260E

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BASS BASIN COAL GEOCHEMISTRY

TASMANIA DEPARTMENT OF MINES APEA JOURNAL AUTHORS P.W.BAILLIE & C.A.BACON

5260E

Parameter	M/Z	Cormorant	Nangkero	Pelican-1
Terpanes:				
18 α (H)-hopane/17 α (H)-hopane (Ts/Tm)	191	0.04	nd	0.05
C30 hopane/C30 moretane	191	3.77	1.84	2.53
C31 22S hopane/C31 22R hopane	191	1.55	1.10	1.46
C32 22S hopane/C32 22S hopane	191	1.55	0.39	1.35
Steranes:				
C29 20S $\alpha\alpha\alpha$ sterane / C29 20R $\alpha\alpha\alpha$ steranes	217	0.97	0.15	0.76
C29 $\alpha\beta\beta$ steranes / C29 $\alpha\alpha\alpha$ steranes + C29 $\alpha\beta\beta$ steranes	217	0.29	0.35	0.23
C27/C29 diasteranes	259	nd	nd	0.20
C27/C29 steranes	217	0.08	0.11	0.19
C29 diasteranes / C29 $\alpha\alpha\alpha$ steranes + C29 $\alpha\beta\beta$ steranes	217	0.17	0.33	0.35
C30 (hopane + moretane) / C29 (steranes + diasteranes)	191/217	6.22	6.41	5.56
C15 drimane/C16 homodrimane	123	0.58	0.57	0.41
Rearranged drimanes/normal drimanes	123	0.09	0.14	0.10
C15 alkylcyclohexane/C30 hopane	83/191	0.17	0.20	0.37
C15 alkylcyclohexane/C16 homodrimane	83/123	0.43	0.99	0.67
Prystane/phytane	183	10.0	12.5	15.6