

Location	Sampling date	Size	Diacid (C ₂ -C ₁₂) Concentrations (mean) ng m ⁻³	Major species	Diacid-C / OC (diacid-C / TC) %	WSOC / OC (WSOC / TC) %	Reference
Fourteen Chinese cities	Jun–Jul 2003	PM _{2.5}	211–2162 (892)	C ₂ > Ph > C ₄ > C ₃	2.3 (1.4*)	48 (37)	Ho et al. (2007)
Fourteen Chinese cities	Jan 2003	PM _{2.5}	319–1940 (904)	C ₂ > C ₄ > Ph > C ₃	1.3 (1.0*)	41 (32)	Ho et al. (2007)
Xi'an, China	Jan–Feb 2009	PM ₁₀	1033–2653 (1843)	C ₂ > tPh > Ph > ωC ₂	1.1* (0.83)	54* (41*)	Cheng et al. (2013)
Xi'an, China	Aug 2009	PM ₁₀	478–2040 (1259)	C ₂ > Ph > C ₄ > C ₃	4.4* (3.8*)	80* (52*)	Cheng et al. (2013)
Beijing, China	Sep–Oct 2007	TSP	105–3056 (1208)	C ₂ > C ₄ > C ₃ > Ph	(3.0)		He et al. (2014)
Hong Kong, China	Aug 2003	PM _{2.5}	260–677 (454)	C ₂ > Ph > iPh > tPh	0.41		G. Wang et al. (2006)
Hong Kong, China	Feb 2004	PM _{2.5}	114–812 (771)	C ₂ > Ph > iPh > tPh	0.51		G. Wang et al. (2006)
Sapporo, Japan	May–Jul 2005	Tsp	106–787 (406)	C ₂ > C ₃ > C ₄ > Ph	4.8 (1.8)	44 (39)	Aggarwal and Kawamura (2008)
Chennai, India	Jan–Feb, May 2007	PM ₁₀	176–1436 (612)	C ₂ > C ₃ > C ₄ > tPh	(1.6)		Pavuluri et al. (2010)
Gosan, South Korea	Apr 2003–Apr 2004	Tsp	142–1875 (636)	C ₂ > C ₃ > C ₄ > ωC ₂			Kundu et al. (2010b)
Tokyo, Japan	Apr 1988–Feb 1989	Tsp	90–1360 (480)	C ₂ > C ₃ > C ₄ > C ₉	(0.95)		Kawamura and Ikushima (1993)
Ulaanbaatar, Mongolia	Nov 2007–Jan 2008	PM _{2.5}	146–779 (536)	tPh > C ₂ > C ₄ > Ph	0.8 (0.6)	53.2 (43.8)	Jung et al. (2010)
Chengdu, China	Jan 2013 (Daytime)	PM _{2.5}	1490–4690 (3450)	C ₂ > C ₄ > Ph > tPh	2.3* (4.8*)		Li et al. (2015)
Chengdu, China	Jan 2013 (Nighttime)	PM _{2.5}	1410–5250 (3330)	C ₂ > C ₄ > Ph > tPh	2.2* (4.2*)		Li et al. (2015)
Beijing, China	Sep 2013–Jul 2014	PM _{2.5}	110–2580 (506)	C ₂ > C ₄ > ωC ₂ > C ₃	2.0* (1.5*)	60* (45*)	This study

* Calculated from the mean values from the references.