

Supplementary materials

Table S1. MRM transitions with corresponding MS parameters

	MRM transition	Declustering potential [V]	Entrance potential [V]	Collision energy [V]	Collision cell exit potential [V]
	Quantification				
	Confirmation				
2-OH-NAP	143 > 115	-10	-10	-34	-13
	144 > 116	-10	-10	-34	-13
1-OH-NAP	143 > 115	-10	-10	-34	-13
	144 > 116	-10	-10	-34	-13
2-OH-FLUO	181 > 152	-65	-10	-34	-17
	181 > 180	-55	-10	-28	-15
2-OH-PHEN	193 > 165	-50	-10	-40	-9
	194 > 166	-50	-10	-40	-9
3-OH-PHEN	193 > 165	-50	-10	-40	-9
	194 > 166	-50	-10	-40	-9
1-OH-PHEN	193 > 165	-50	-10	-40	-9
	194 > 166	-50	-10	-40	-9
9-OH-PHEN	193 > 165	-50	-10	-40	-9
	194 > 166	-50	-10	-40	-9
4-OH-PHEN	193 > 165	-50	-10	-40	-9
	194 > 166	-50	-10	-40	-9
1-OH-PYR	217 > 189	-40	-10	-46	-17
	218 > 190	-40	-10	-50	-19
6-OH-CHRY	243 > 215	-155	-10	-44	-13
	244 > 216	-155	-10	-44	-13
3-OH-BaP	267 > 239	-120	-10	-48	-21
	268 > 240	-120	-10	-48	-21
2-OH-NAP-d7	150 > 122	-85	-10	-36	-15
1-OH-NAP-d7	150 > 122	-85	-10	-36	-15
2-OH-FLUO-d9	190 > 188	-35	-10	-36	-17
2-OH-PHEN-d9	202 > 174	-130	-10	-42	-19
3-OH-PHEN-d9	202 > 174	-130	-10	-42	-19
1-OH-PHEN-d9	202 > 174	-130	-10	-42	-19
9-OH-PHEN-d8	201 > 173	-125	-10	-46	-19
1-OH-PYR-d9	226 > 198	-135	-10	-52	-19
3-OH-BaP-d11	278 > 250	-150	-10	-50	-27

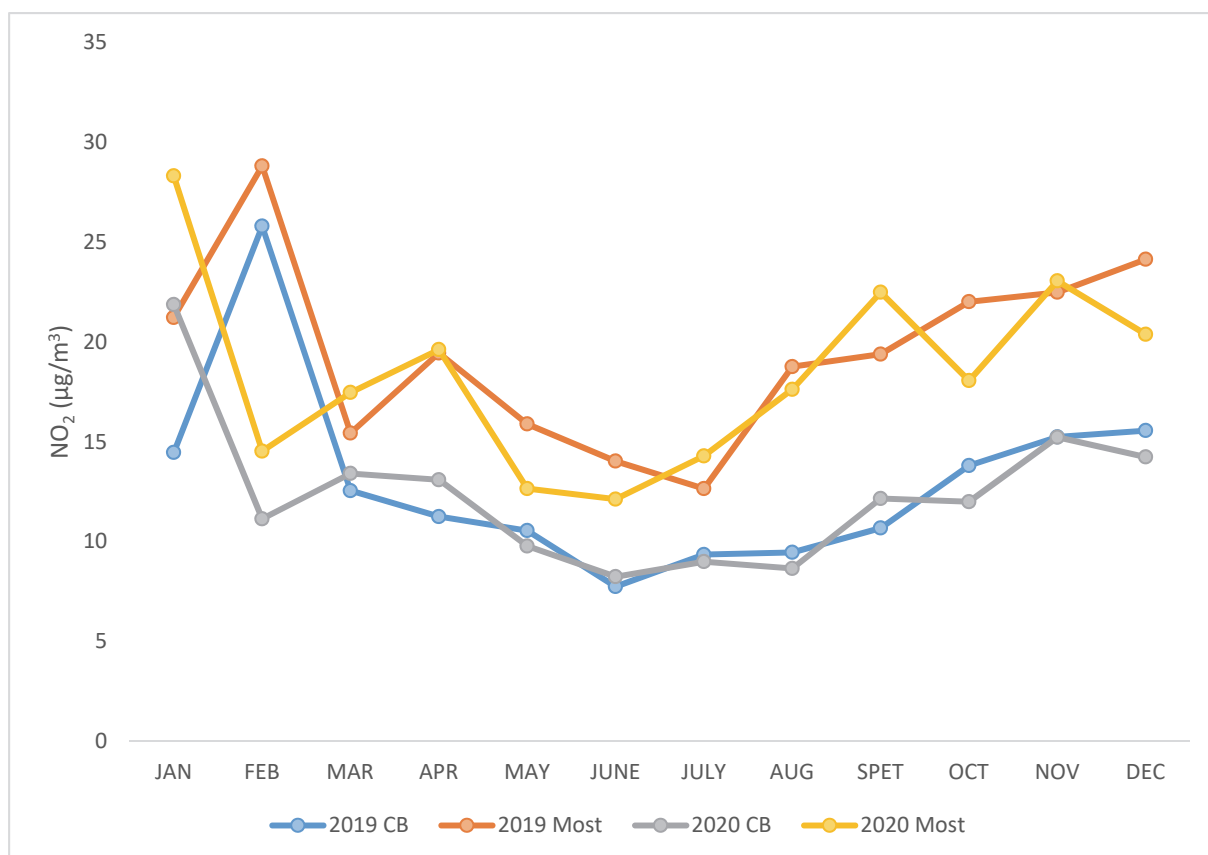


Fig. S2. Levels of NO₂ in studied localities of Most and České Budějovice (CB) in years of 2019 and 2020 (CHMI © 2022a)