Anaerobic Conversion of Hydrothermal Liquefaction Aqueous phase: Fate of Organics and Intensification with Granule Activated Carbon/Ozone Pretreatment

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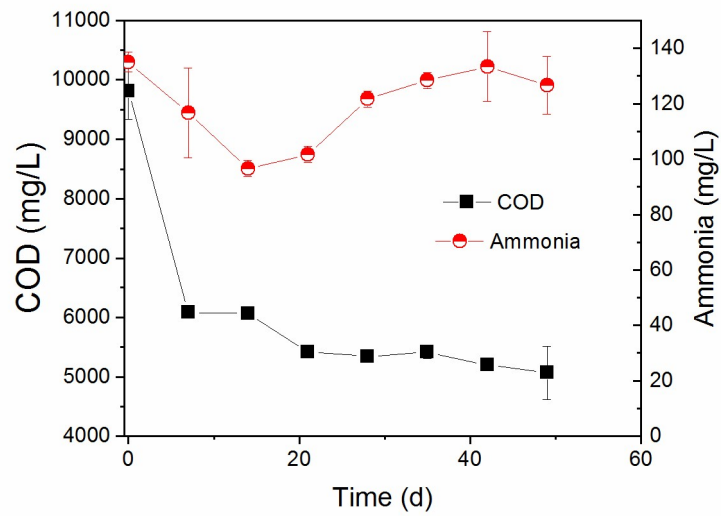**Fig. 1S** The changes of ammonia and COD concentrations in GAC added HTL aqueous phase (10 g COD/L).

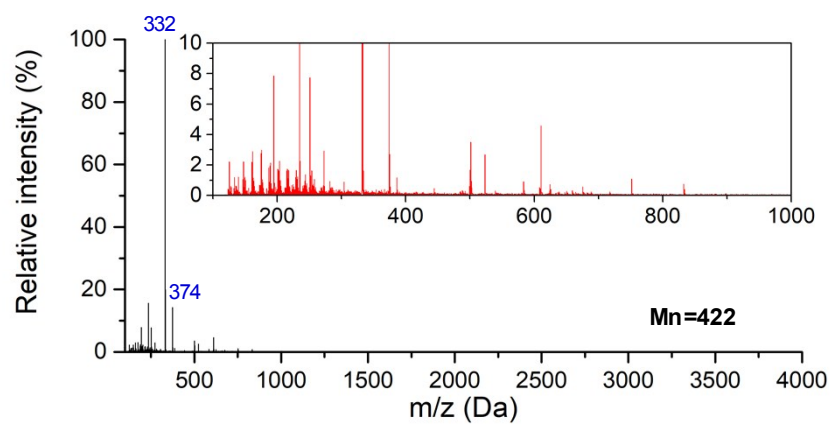**Fig. 2S** MALDI-TOF-MS analysis of ozone pretreated HTL aqueous phase.

Table 1S The kinetic parameters from the modified Gompertz model

Experimental set	Mm	Rm	λ	R^2
	mL/g COD	mL/d·gCOD	d	
OP_1	217	17.9	9.0	0.984
OG_1	215	17.6	7.7	0.986
GAC_1	213	17.3	6.5	0.993
C_1	219	15.7	5.9	0.995
OP_2	193	10.4	13.4	0.989
OG_2	209	12.1	11.1	0.992
GAC_2	219	11.9	9.5	0.993
C_2	180	9.3	12.2	0.994
OP_r	146	7.5	14.0	0.983
OG_r	208	11.4	6.1	0.983
GAC_r	217	11.3	3.7	0.978
C_r	114	5.7	12.9	0.923
OP_3	111	2.4	36.9	0.974
OG_3	202	6.3	28.1	0.987
GAC_3	212	5.8	19.3	0.991
C_3	53	1.1	36.3	0.853