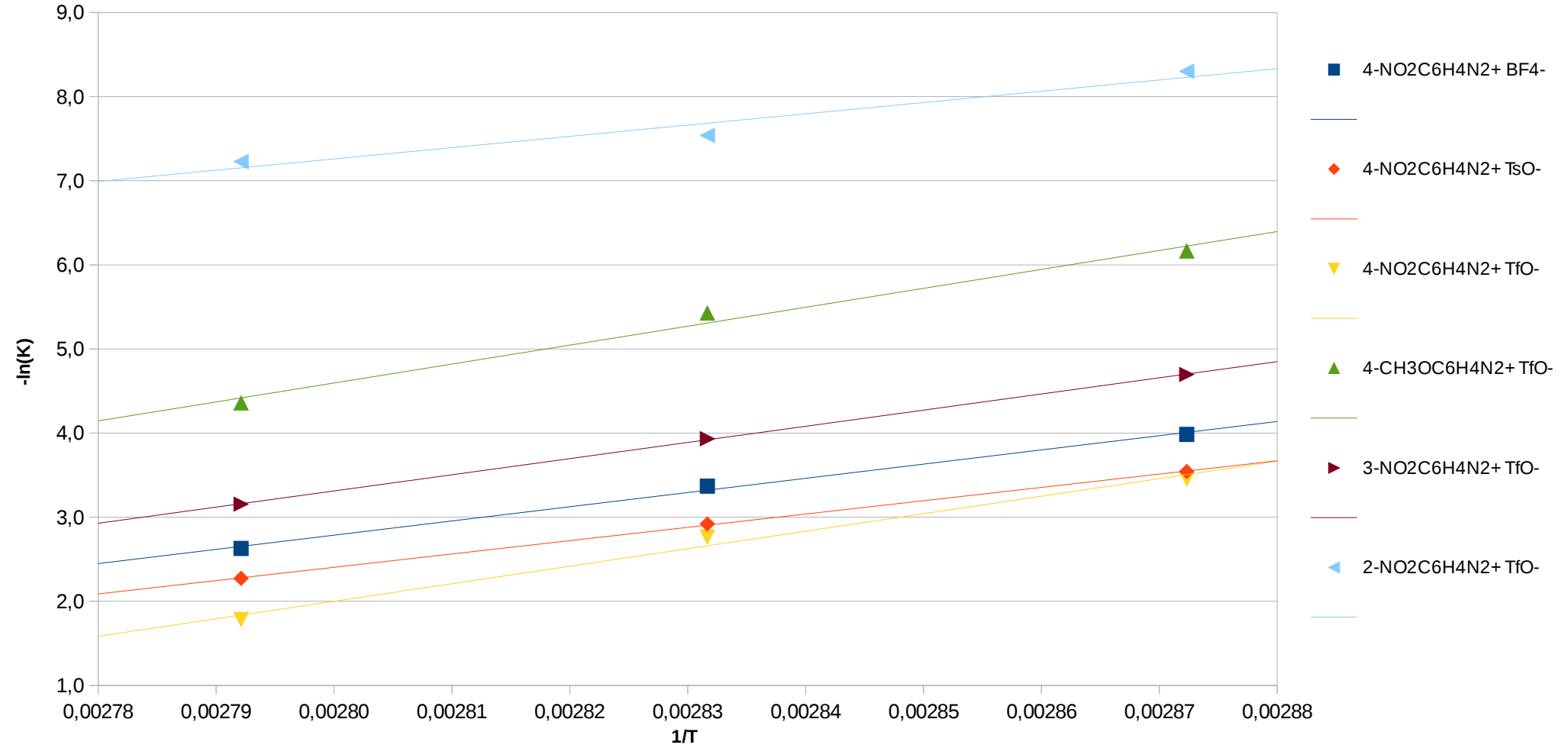


Arrhenius analysis for diazonium salts

Substance	T1	T2	T3	1/(T1+273)	1/(T2+273)	1/(T3+273)	-lnK25	K25	tg a	Ea
	75	80	85	0,0028723	0,0028317	0,0027921				
4-NO2C6H4N2+ BF4-	1,86E-02	3,44E-02	7,21E-02	3,9846	3,3697	2,6297	12,142	5,33245E-06	16885,7	140,32
4-NO2C6H4N2+ TsO-	2,89E-02	5,39E-02	1,03E-01	3,5439	2,9206	2,2730	11,183	1,39142E-05	15844,2	131,67
4-NO2C6H4N2+ TfO-	3,16E-02	6,30E-02	1,68E-01	3,4546	2,7646	1,7838	13,532	1,32752E-06	20814,8	172,97
4-CH3OC6H4N2+ TfO-	2,10E-03	4,40E-03	1,28E-02	6,1658	5,4262	4,3583	17,070	3,86082E-08	22517,0	187,12
3-NO2C6H4N2+ TfO-	9,12E-03	1,96E-02	4,26E-02	4,6973	3,9332	3,1559	13,960	8,65523E-07	19217,4	159,70
2-NO2C6H4N2+ TfO-	2,48E-04	5,32E-04	7,26E-04	8,3021	7,5389	7,2286	14,690	4,17143E-07	13410,4	111,44



-ln(p)	p-NO ₂ -Ph-N ₂ ⁺ BF ₄ ⁻	p-NO ₂ -Ph-N ₂ ⁺ TsO ⁻	p-NO ₂ -Ph-N ₂ ⁺ TfO ⁻	p-CH ₃ O-Ph-N ₂ ⁺ TfO ⁻
0,002872325147207	3,98459369826298	3,54391368386375	3,45459815838927	6,16581793425276
0,002831657935721	3,36969871460278	2,92062480106719	2,7646205525906	5,42615073805792
0,002792126204104	2,62970123469123	2,2730262907525	1,78379129957888	4,35831010805657