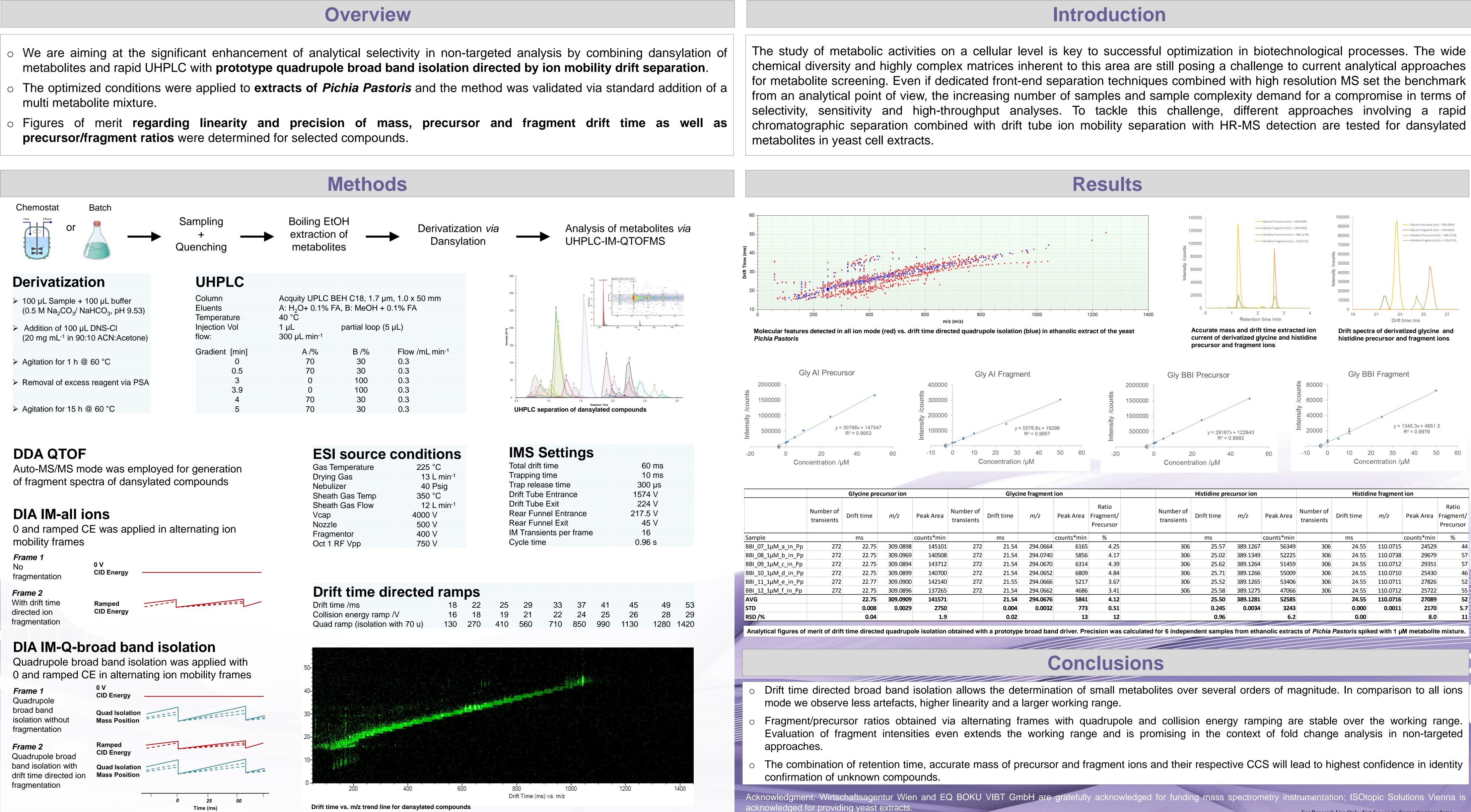
Evaluation and optimization of rapid DDA and DIA screening methods for yeast sub-metabolome analysis on a high-resolution **IM-Q-TOF** mass spectrometer

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- multi metabolite mixture.





Glycine precursor ion Glycine fragment						ion				Histidine precursor ion			Histidine fragment ion						
	Number of transients	Drift time	m/z	Peak Area	Number of transients	Drift time	m/z	Peak Area	Ratio Fragment/ Precursor	Numbo transio		Drift time	m/z	Peak Area	Number of transients	Drift time	m/z	Peak Area	Ratio Fragment/ Precursor
		ms		counts*min		ms		counts*min	%			ms		counts*min		ms		counts*min	%
_a_in_Pp	272	22.75	309.0898	145101	272	21.54	294.0664	6165	4.25		306	25.57	389.1267	56349	306	24.55	110.0715	24529	44
b_in_Pp	272	22.75	309.0969	140508	272	21.54	294.0740	5856	4.17		306	25.02	389.1349	52225	306	24.55	110.0738	29679	57
c_in_Pp	272	22.75	309.0894	143712	272	21.54	294.0670	6314	4.39		306	25.62	389.1264	51459	306	24.55	110.0712	29351	57
_d_in_Pp	272	22.75	309.0899	140700	272	21.54	294.0652	6809	4.84		306	25.71	389.1266	55009	306	24.55	110.0710	25430	46
e_in_Pp	272	22.77	309.0900	142140	272	21.55	294.0666	5217	3.67		306	25.52	389.1265	53406	306	24.55	110.0711	27826	52
f_in_Pp	272	22.75	309.0896	137265	272	21.54	294.0662	4686	3.41		306	25.58	389.1275	47066	306	24.55	110.0712	25722	55
		22.75	309.0909	141571		21.54	294.0676	5841	4.12			25.50	389.1281	52585		24.55	110.0716	27089	52
		0.008	0.0029	2750		0.004	0.0032	773	0.51			0.245	0.0034	3243		0.000	0.0011	2170	5.7
		0.04		1.9		0.02		13	12			0.96		6.2		0.00		8.0	11

