

Supplementary Table S1

Significant peaks and ROC-AUC observed between BC and HV samples in the training set across four chip types

<i>m/z</i>	P value				ROC-AUC	
	H50	IMAC	CM10	Q10	Up-regulated	Down-regulated
2003		0.001				0.305
3072				0.000	0.753	
3180		0.005			0.67	
3187			0.000		0.703	
3316	0.000					0.205
3623			0.000		0.753	
3629	0.000				0.775	
3667			0.000		0.718	
3807		0.001			0.646	
3808			0.000		0.749	
3814	0.000				0.838	
3851			0.000		0.777	
6183		0.003			0.624	
6428	0.000					0.273
6467	0.000					0.294
6624	0.000					0.232
6667	0.001					0.323
6936		0.000			0.729	
6939				0.001		0.262
7923			0.001		0.667	
7925		0.004			0.671	
8204				0.005	0.695	
8799	0.000				0.721	
8857	0.000				0.699	
8916				0.001	0.755	
8947	0.005				0.642	
9004	0.000				0.721	
9078		0.000			0.713	
9351		0.001				0.347
9423			0.006			0.357
9564			0.000			0.31
9922			0.000		0.684	
10063		0.001			0.696	
11721		0.004			0.673	
12864				0.002		0.378
13742			0.001			
13756				0.000	0.695	
13855	0.000				0.679	
13870		0.000			0.788	
13918		0.004			0.674	
13929				0.000		0.342

15235		0.000	0.775	
15846	0.001		0.663	
15857		0.000	0.817	
16050	0.002		0.661	
16052		0.000	0.813	
16055			0.000	0.655
16500			0.000	0.608
20980		0.000		0.276
21711			0.001	0.319
28268			0.001	0.295
28951			0.003	0.335
29155			0.004	0.323

The five peaks selected for analysis in this study are indicated in bold type.