

Table 7 : Summary of peak detection results for five plasma spectra. Blue boldfaced numbers are side by side comparison between different Noise Threshold (h).

Noise threshold h	Spectra	Number of features after each step		Number of clusters of contiguous features	Number of monoisotopic peaks detected	Common monoisotopic peaks using different h	
		Baseline correction and denoising	Binning			$h = 100$ and 150	$h = 100$ and 200
100	1	922	454	19	18		
	2	1903	957	25	22		
	3	1477	758	27	27		
	4	1762	872	25	25		
	5	1692	837	16	16		
150	1	748	368	13	13	11	
	2	1507	763	21	20	7	
	3	1130	570	20	20	11	
	4	1419	698	22	20	10	
	5	1324	658	18	18	7	
200	1	646	320	13	13	8	10
	2	1211	606	18	18	4	10
	3	968	489	17	17	7	12
	4	1196	583	19	18	7	11
	5	1169	577	16	16	6	8