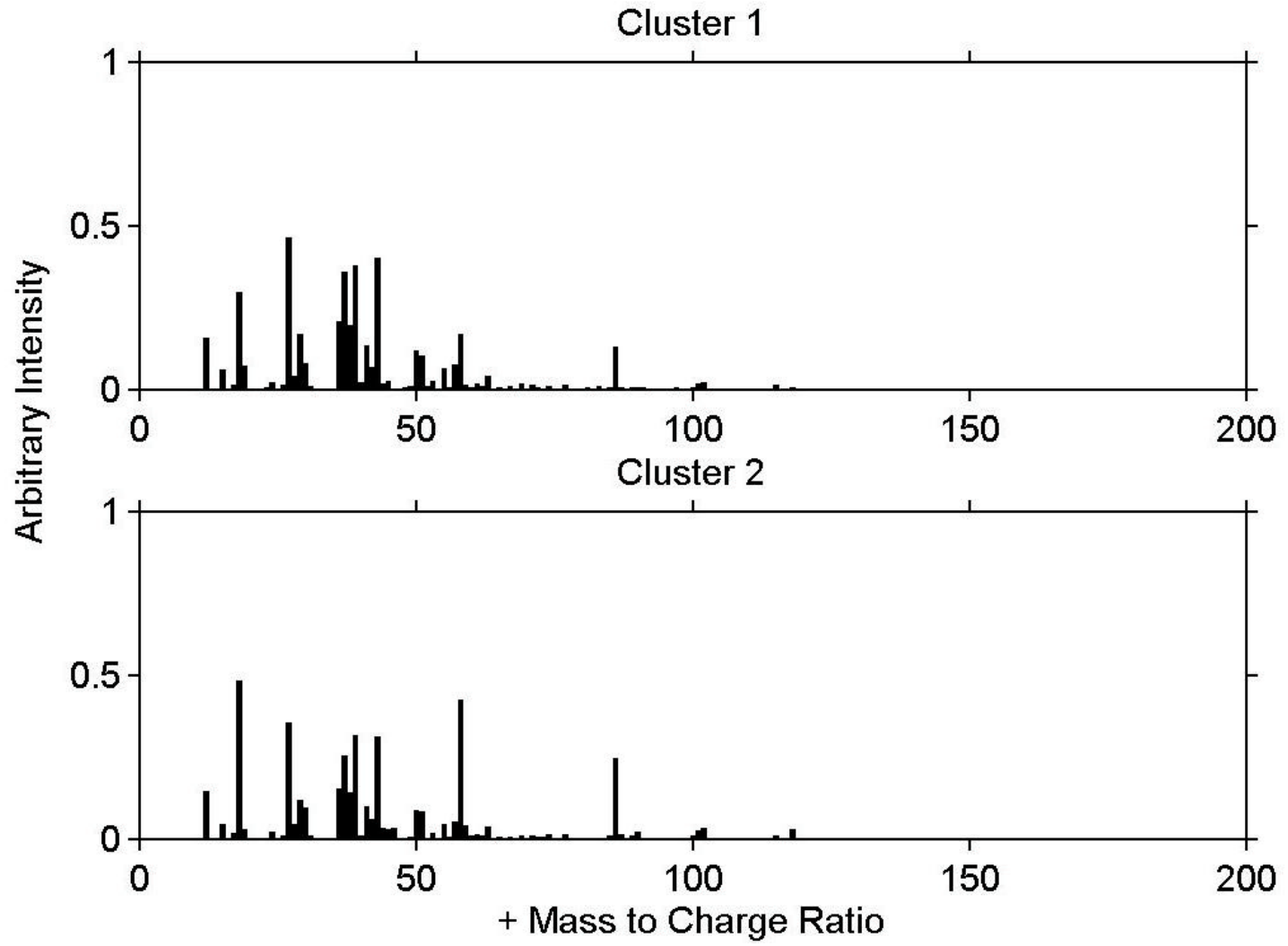
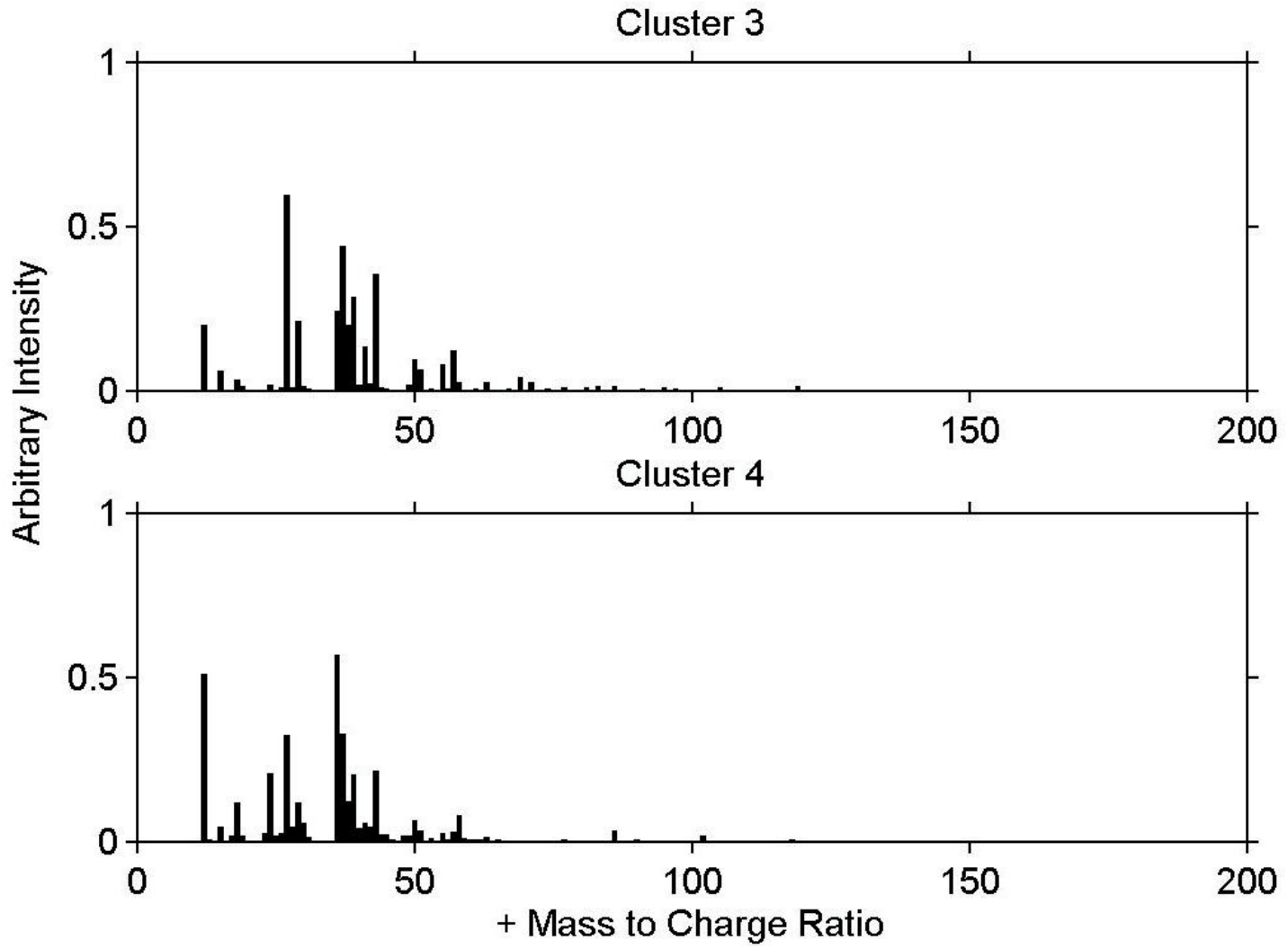
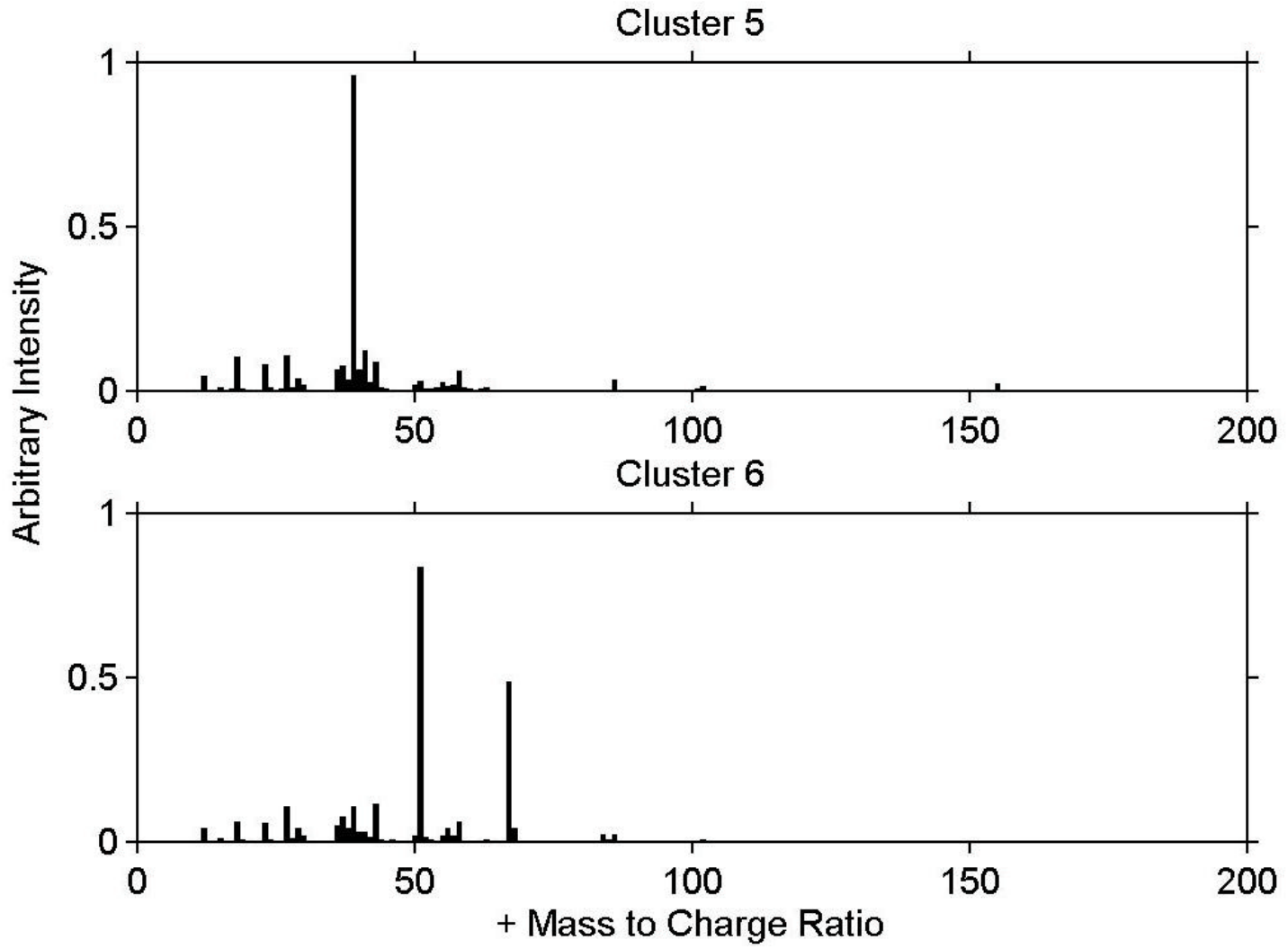


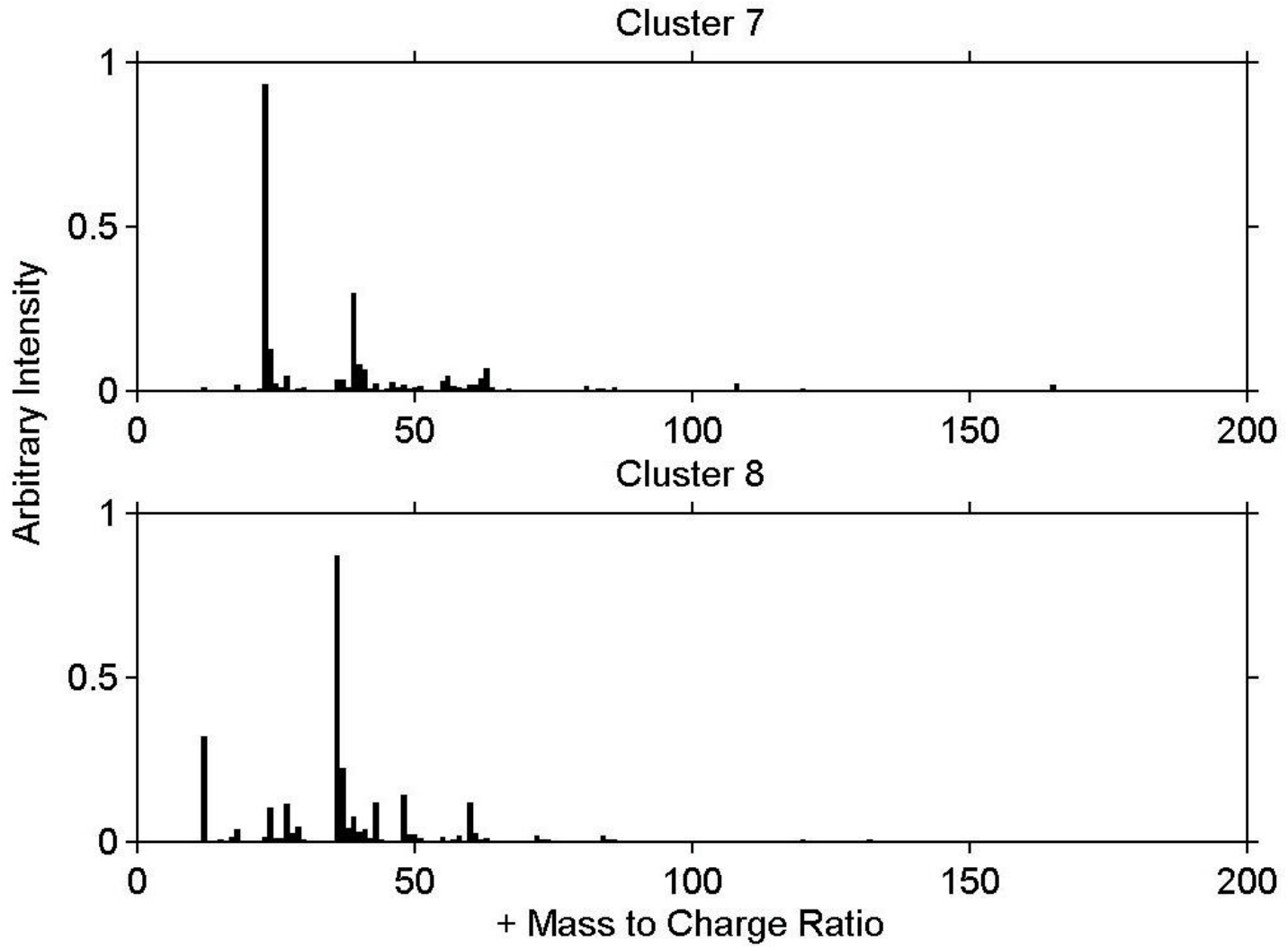
Appendix J: ART-2a positive-ion weight vectors for car vehicle dynamometer: mass-to-charge ratio and normalized intensity (vigilance factor = 0.5; 14 clusters).

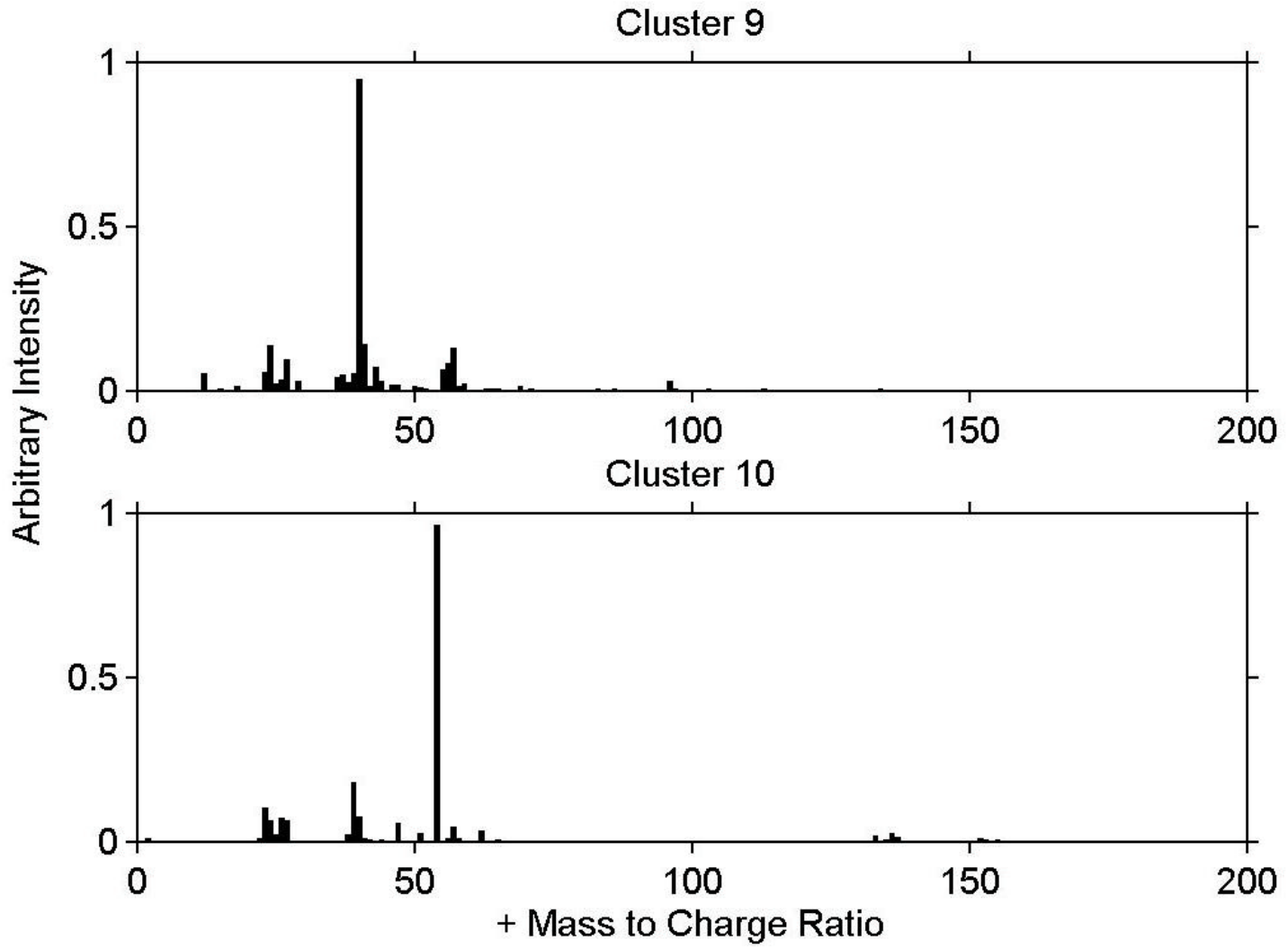
| Class # | Number of particles in the class | Number of particles matched to the class |
|---------|----------------------------------|--|
| | Car | Azusa |
| 1 | 335 | 636 |
| 2 | 147 | 574 |
| 3 | 134 | 607 |
| 4 | 102 | 559 |
| 5 | 93 | 378 |
| 6 | 90 | 91 |
| 7 | 82 | 746 |
| 8 | 48 | 277 |
| 9 | 35 | 126 |
| 10 | 18 | 13 |
| 11 | 17 | 56 |
| 12 | 12 | 1 |
| 13 | 11 | 12 |
| 14 | 10 | 235 |

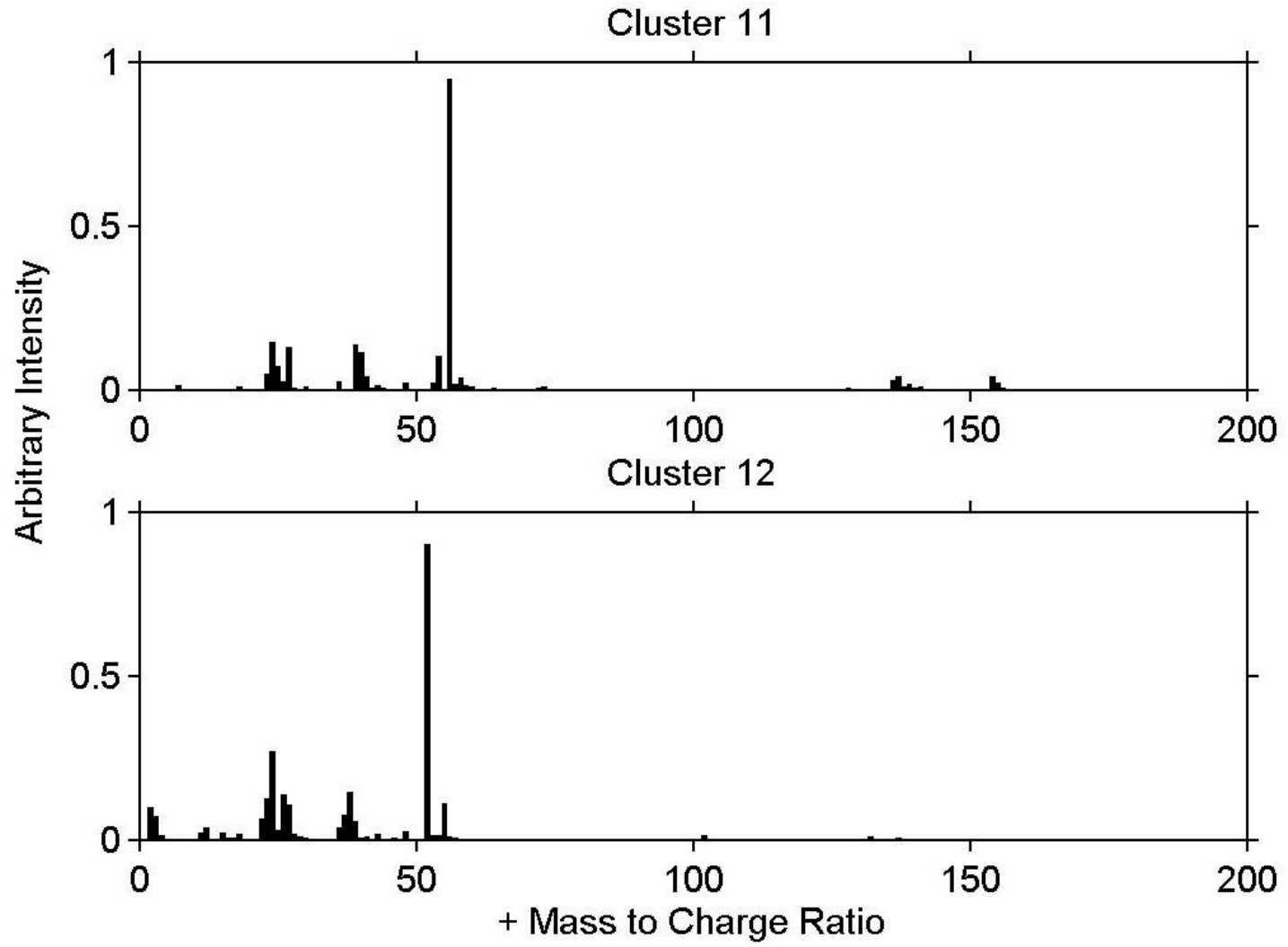


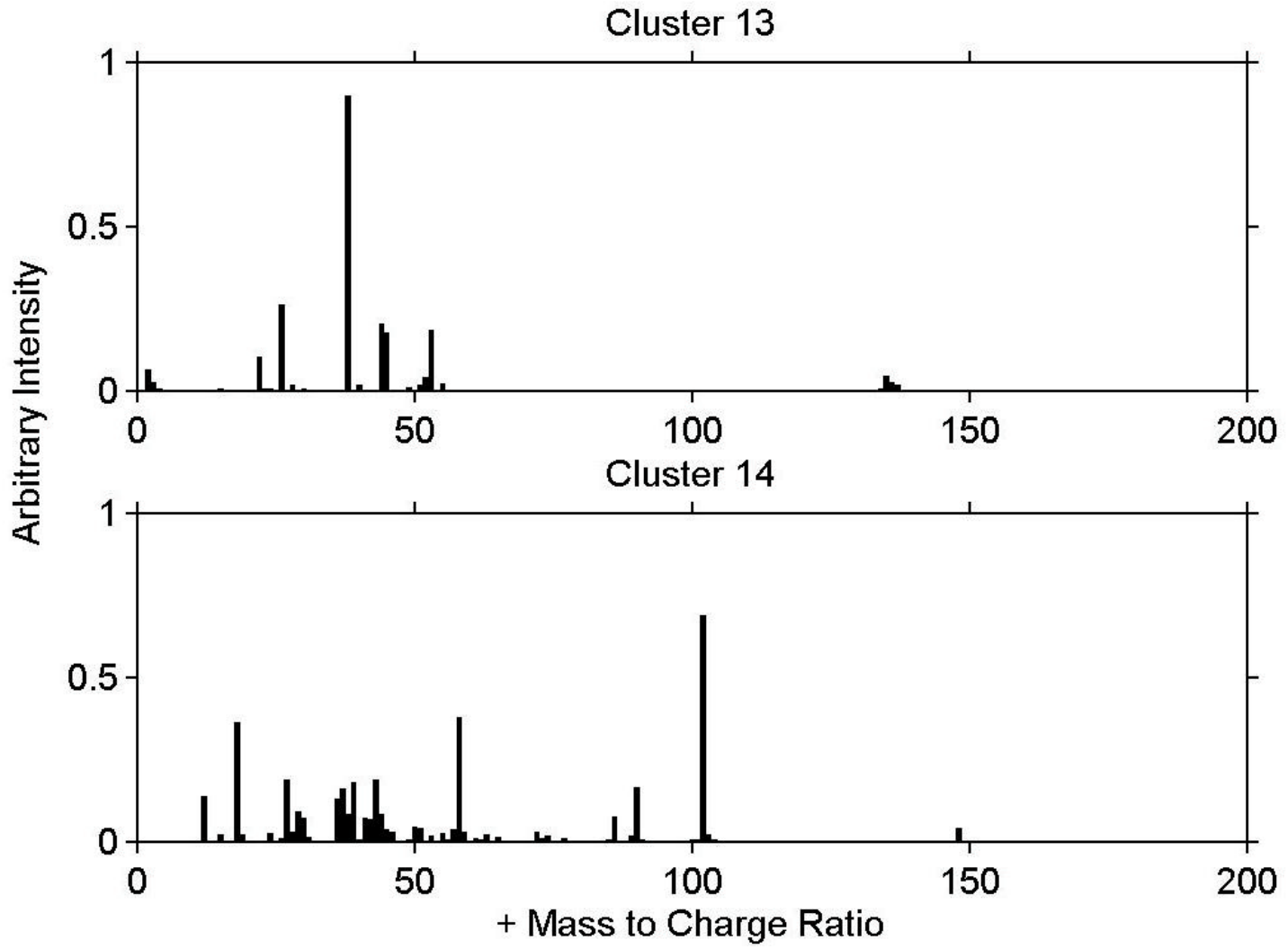






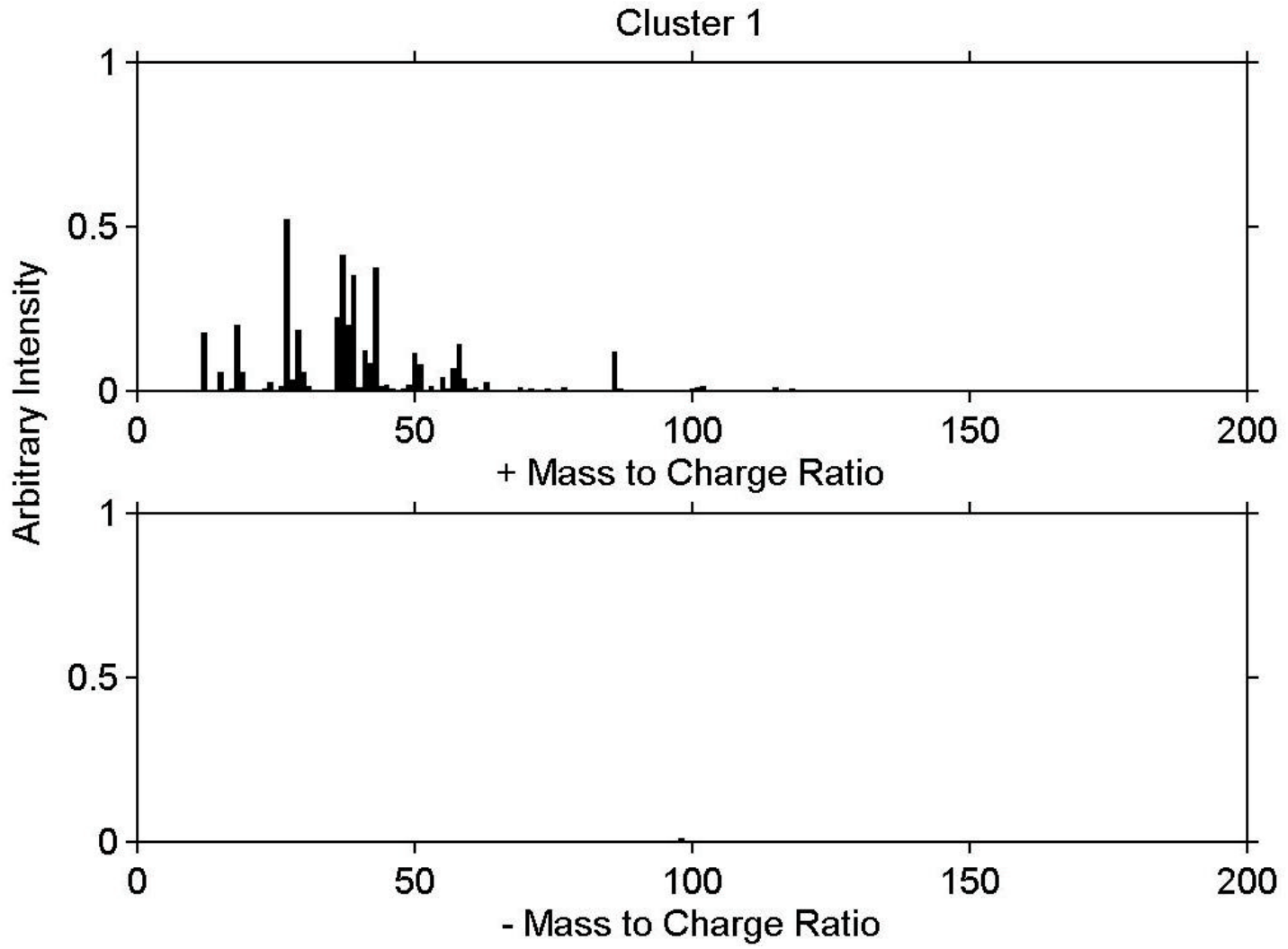


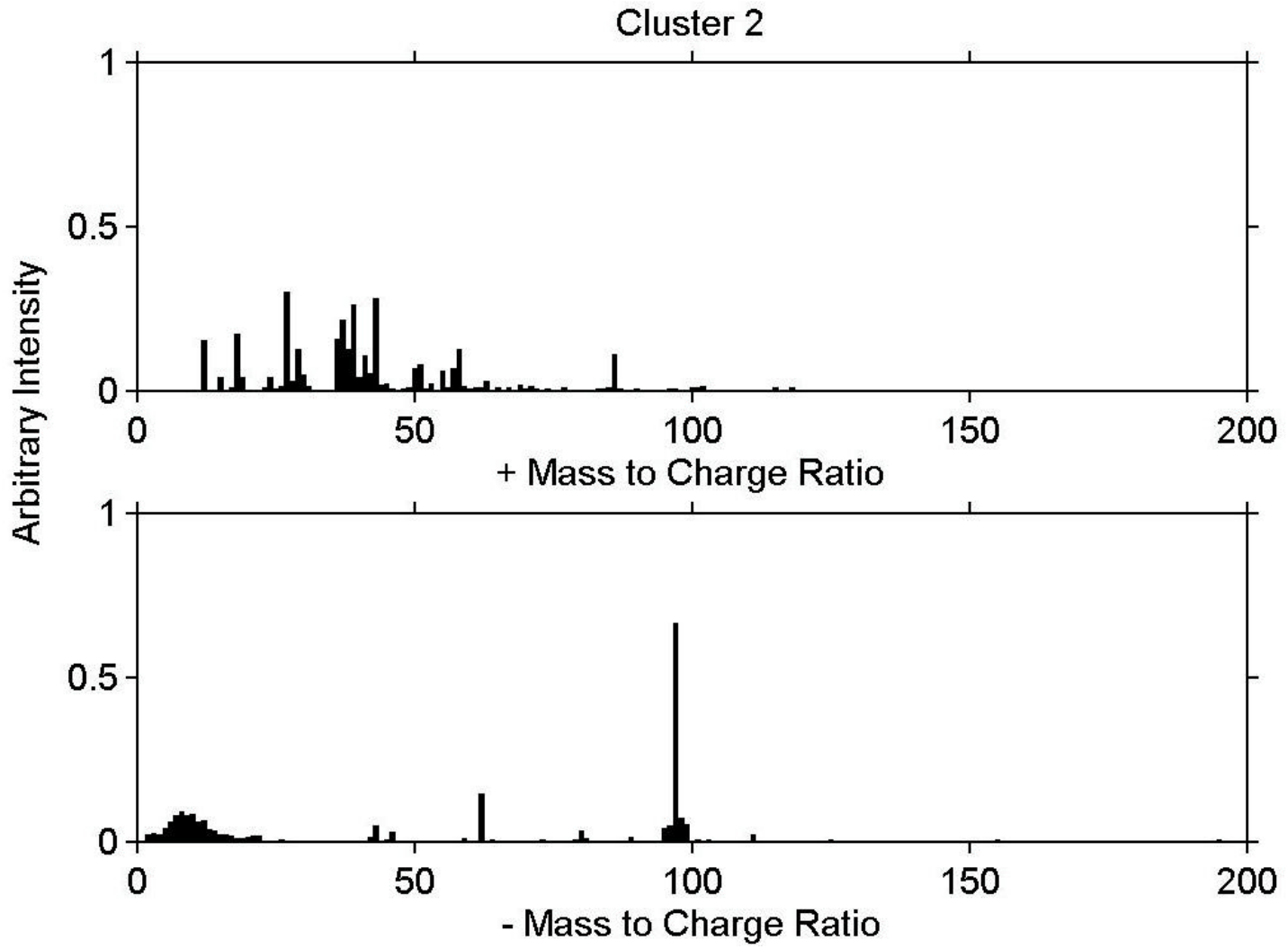


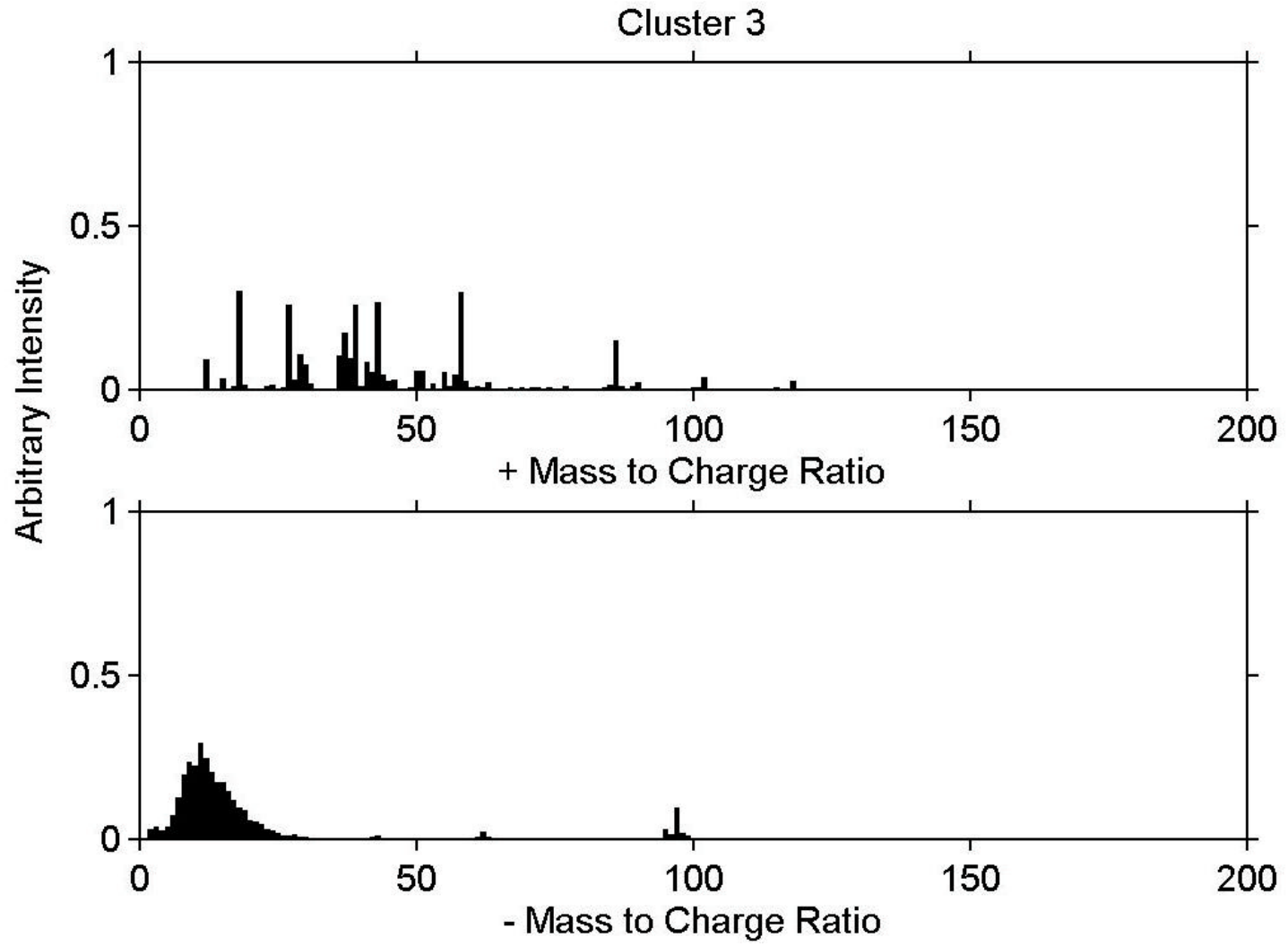


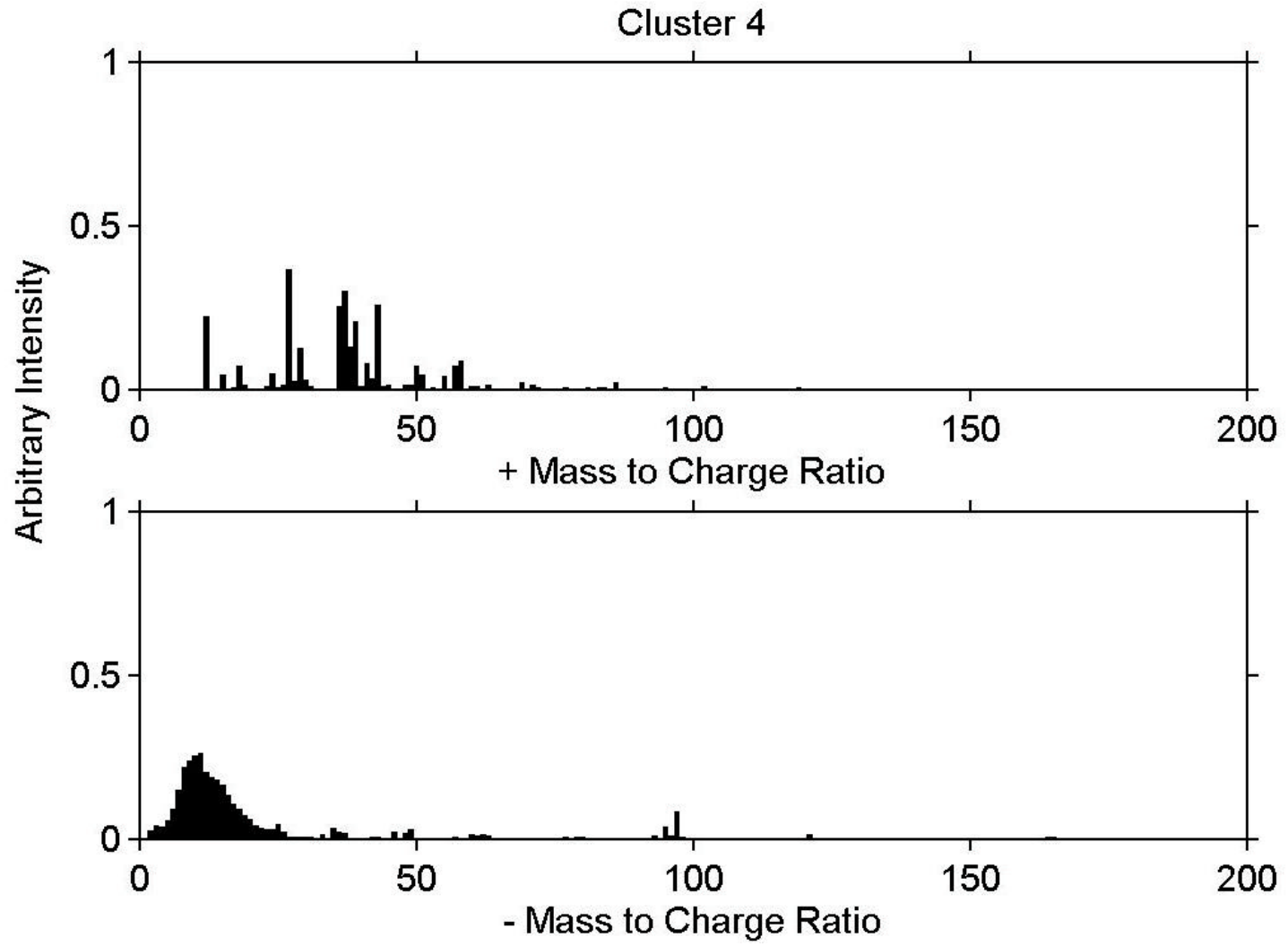
Appendix K: ART-2a dual-ion weight vectors for car vehicle dynamometer: mass-to-charge ratio and normalized intensity (vigilance factor = 0.5; 22 clusters)

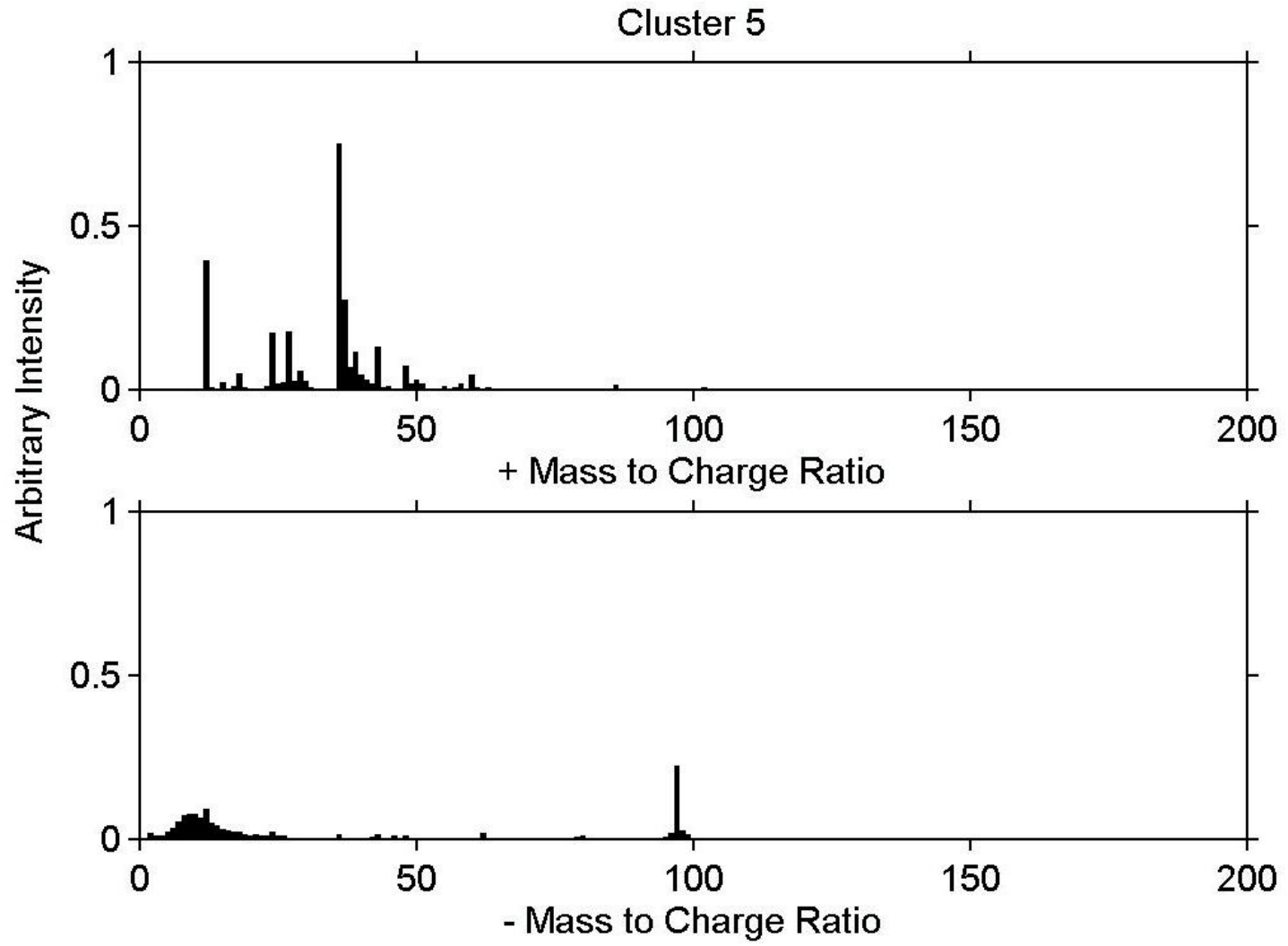
| Class # | Number of particles in the class | Number of particles in the class | Number of particles matched to the class |
|---------|----------------------------------|----------------------------------|--|
| | Cars | | Azusa |
| 1 | 195 | | 562 |
| 2 | 158 | | 412 |
| 3 | 115 | | 284 |
| 4 | 115 | | 379 |
| 5 | 86 | | 286 |
| 6 | 86 | | 65 |
| 7 | 67 | | 151 |
| 8 | 62 | | 443 |
| 9 | 57 | | 691 |
| 10 | 42 | | 0 |
| 11 | 30 | | 102 |
| 12 | 24 | | 107 |
| 13 | 21 | | 438 |
| 14 | 21 | | 49 |
| 15 | 21 | | 657 |
| 16 | 20 | | 28 |
| 17 | 19 | | 54 |
| 18 | 18 | | 10 |
| 19 | 11 | | 139 |
| 20 | 11 | | 107 |
| 21 | 10 | | 9 |
| 22 | 10 | | 1 |

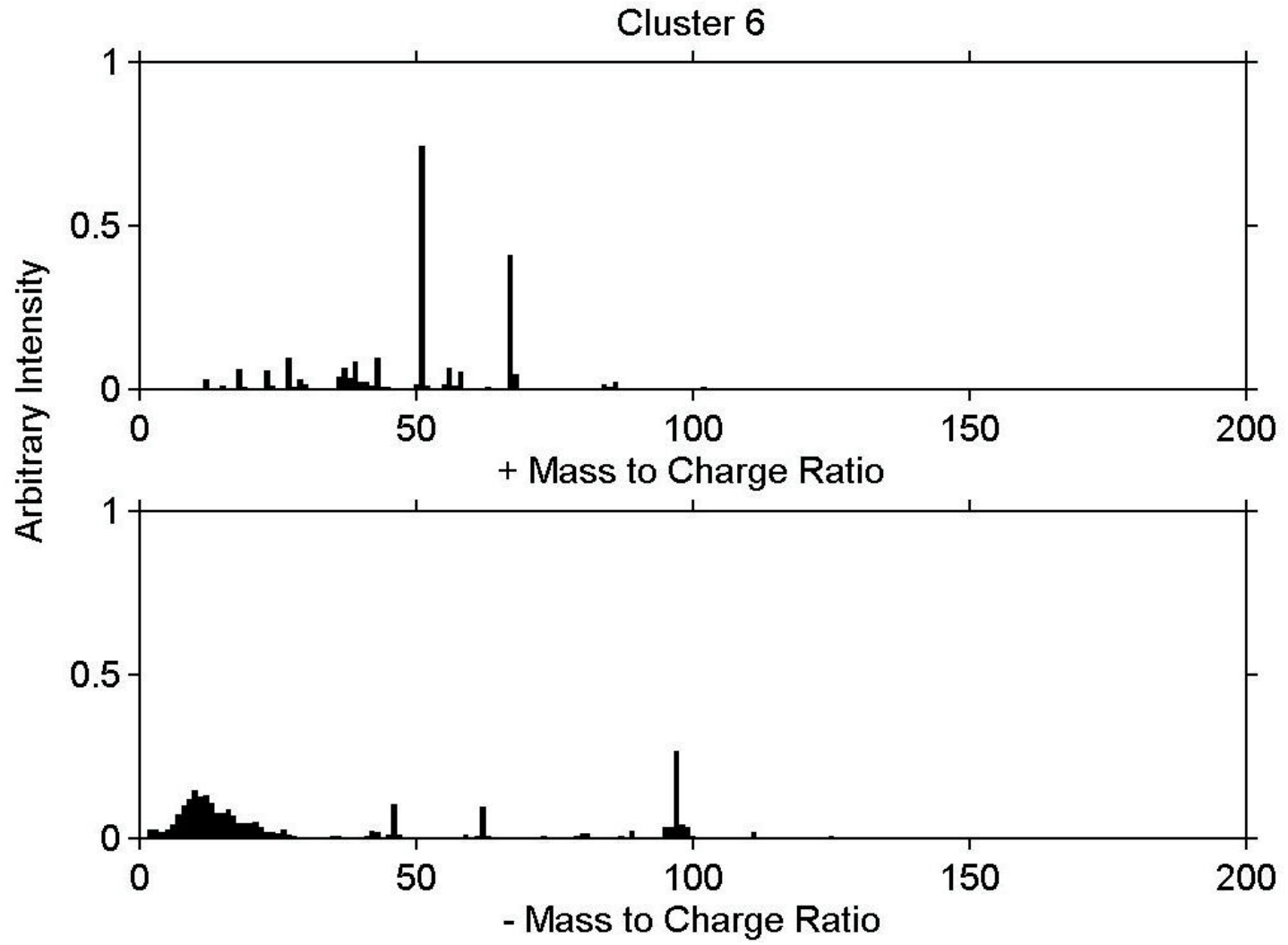


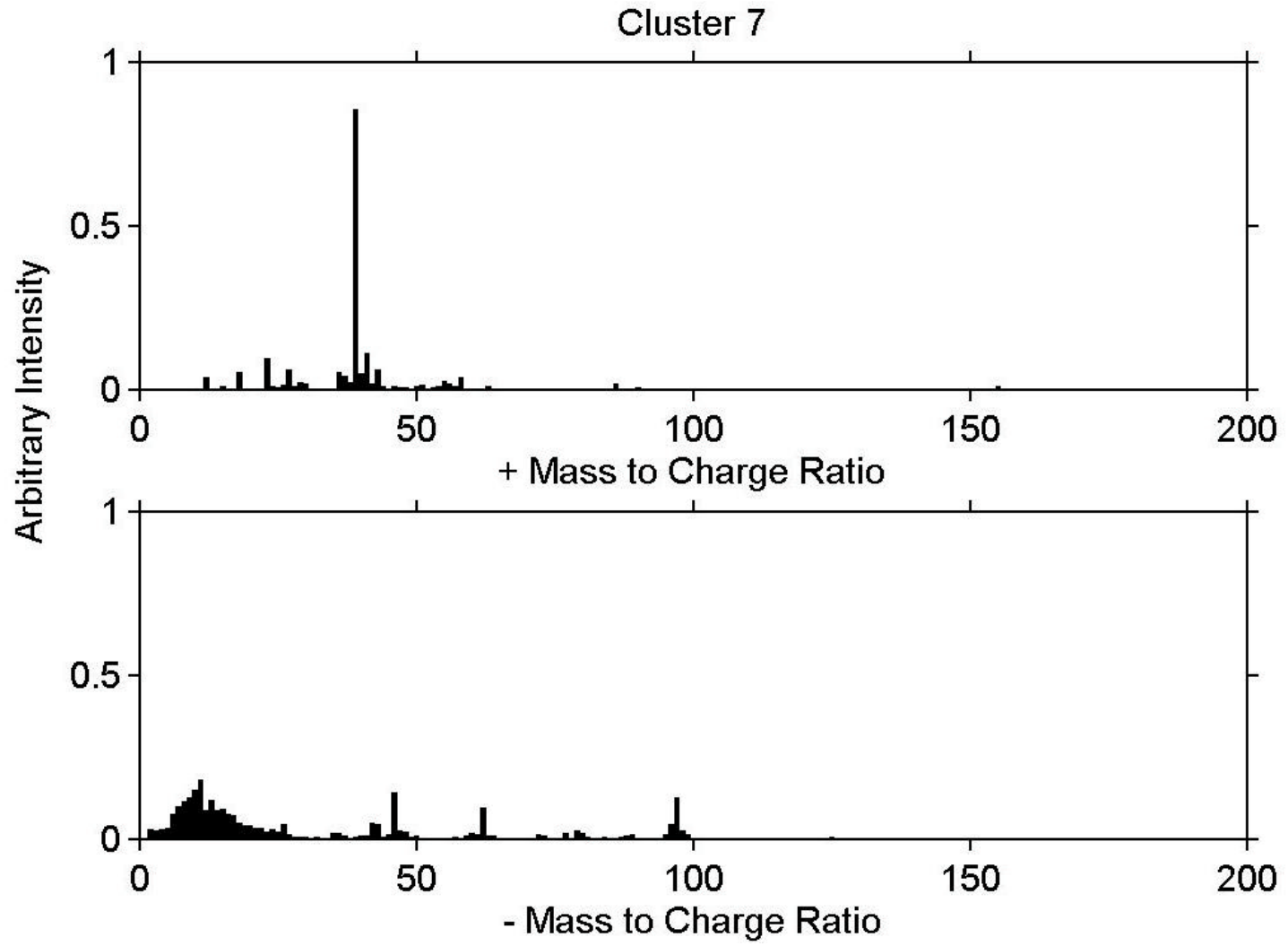


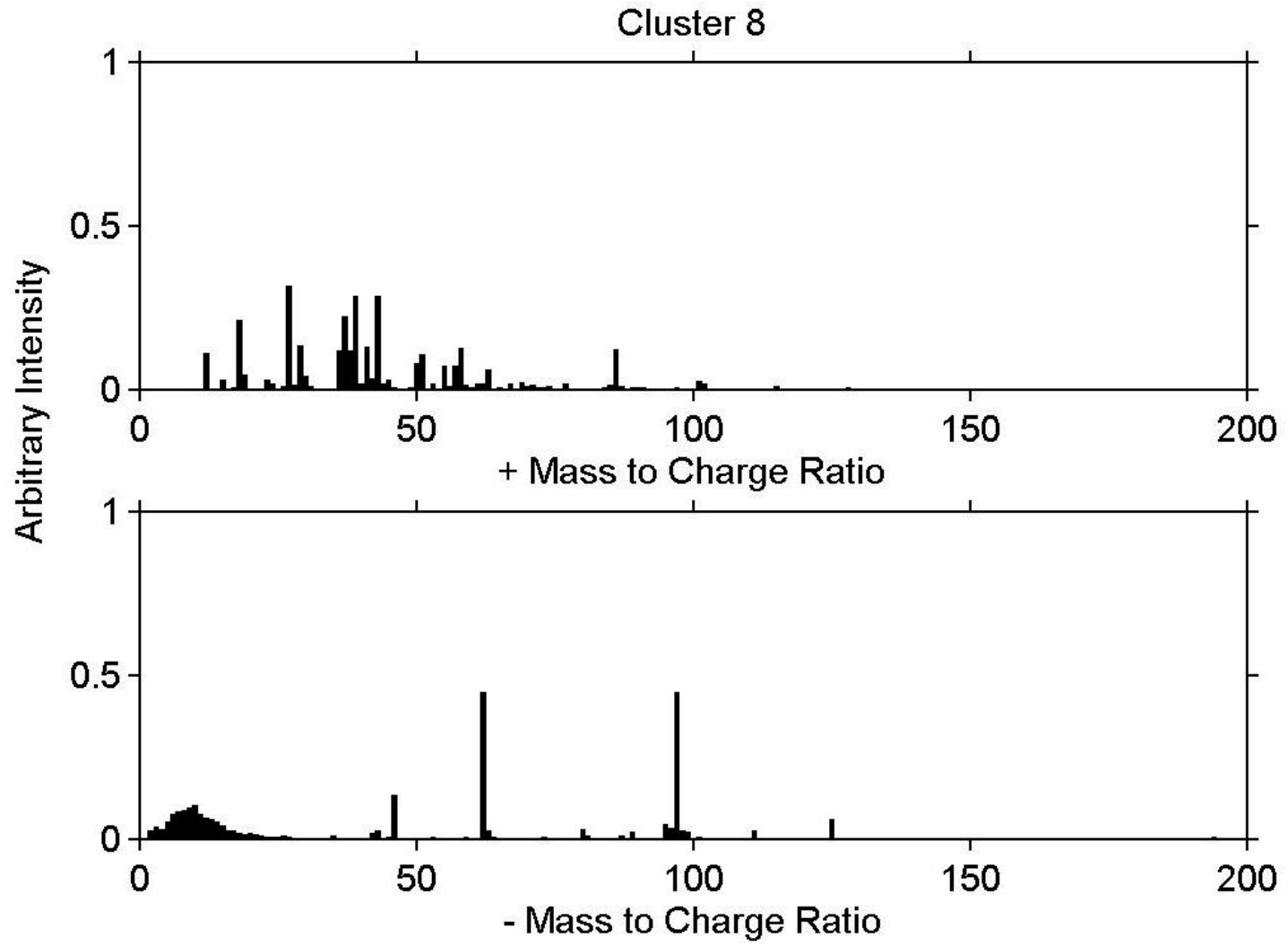


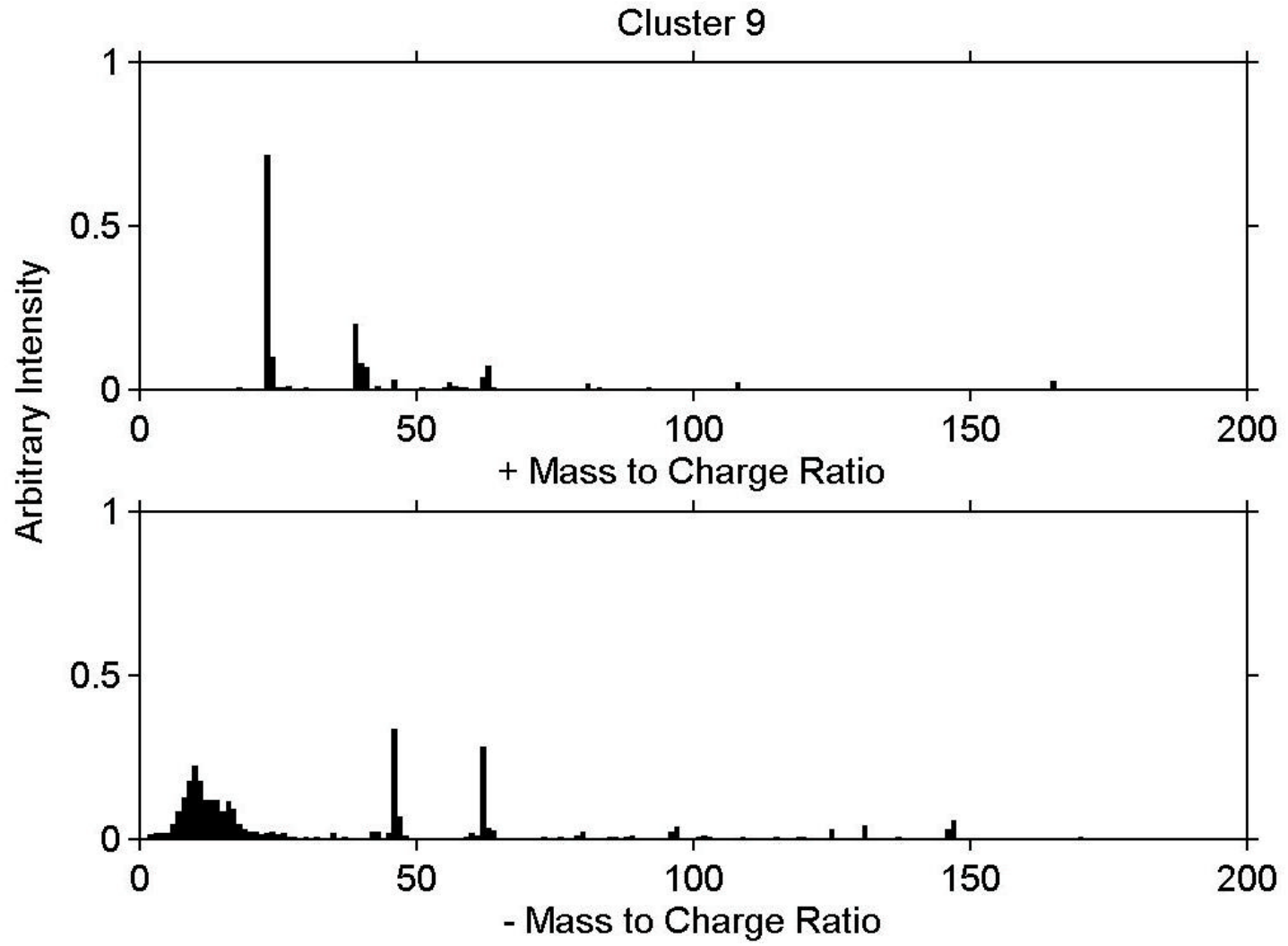


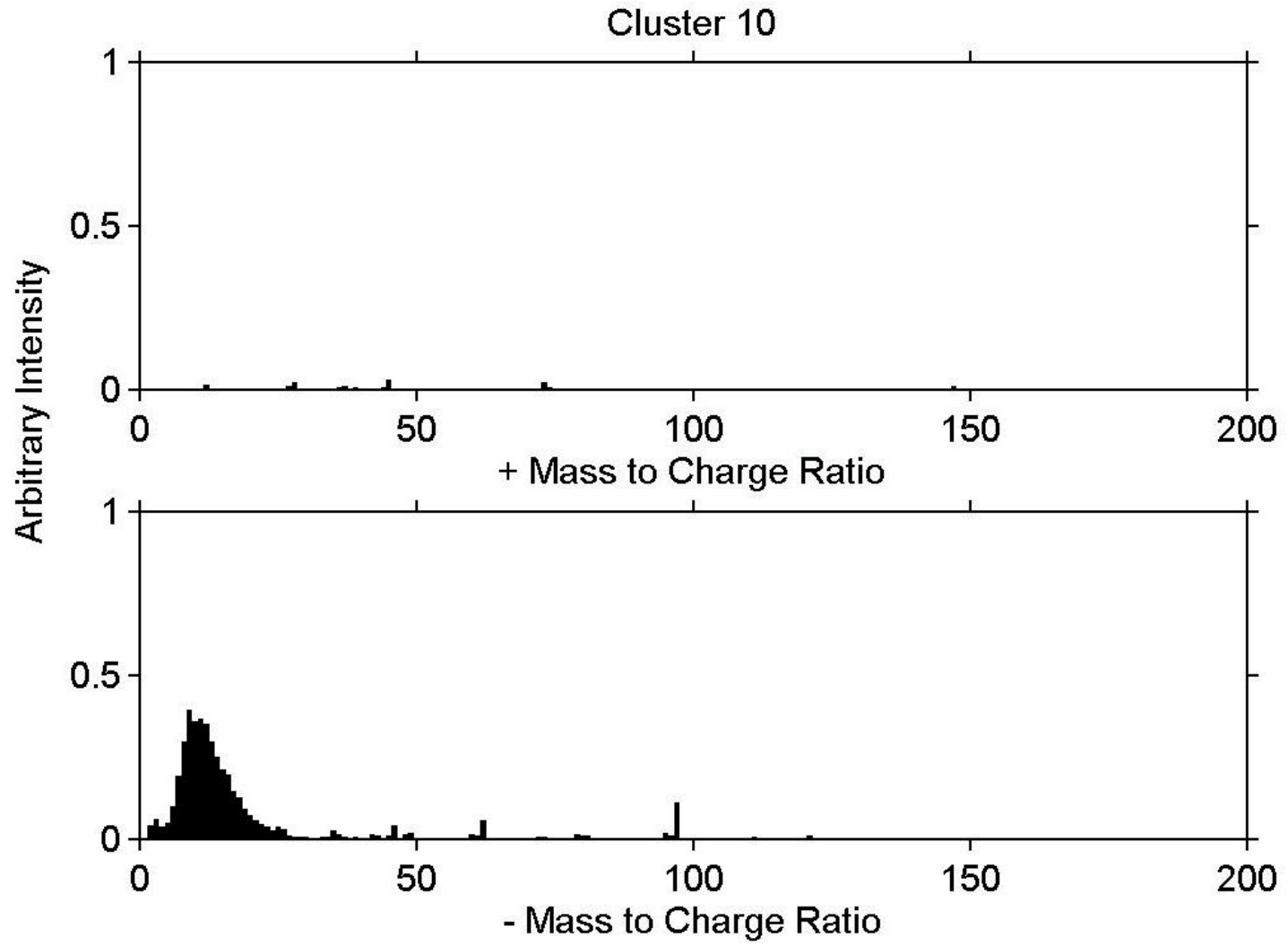


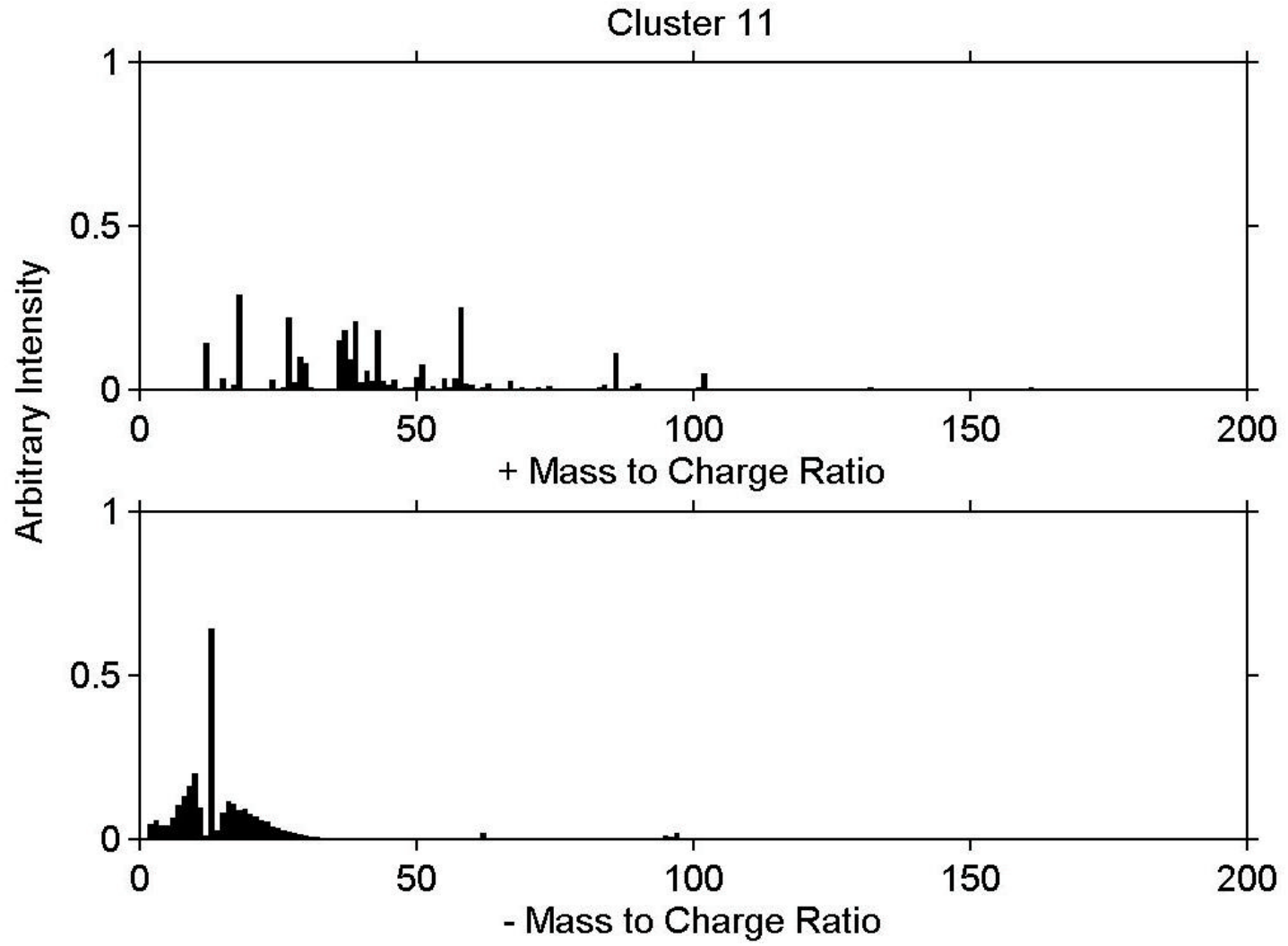


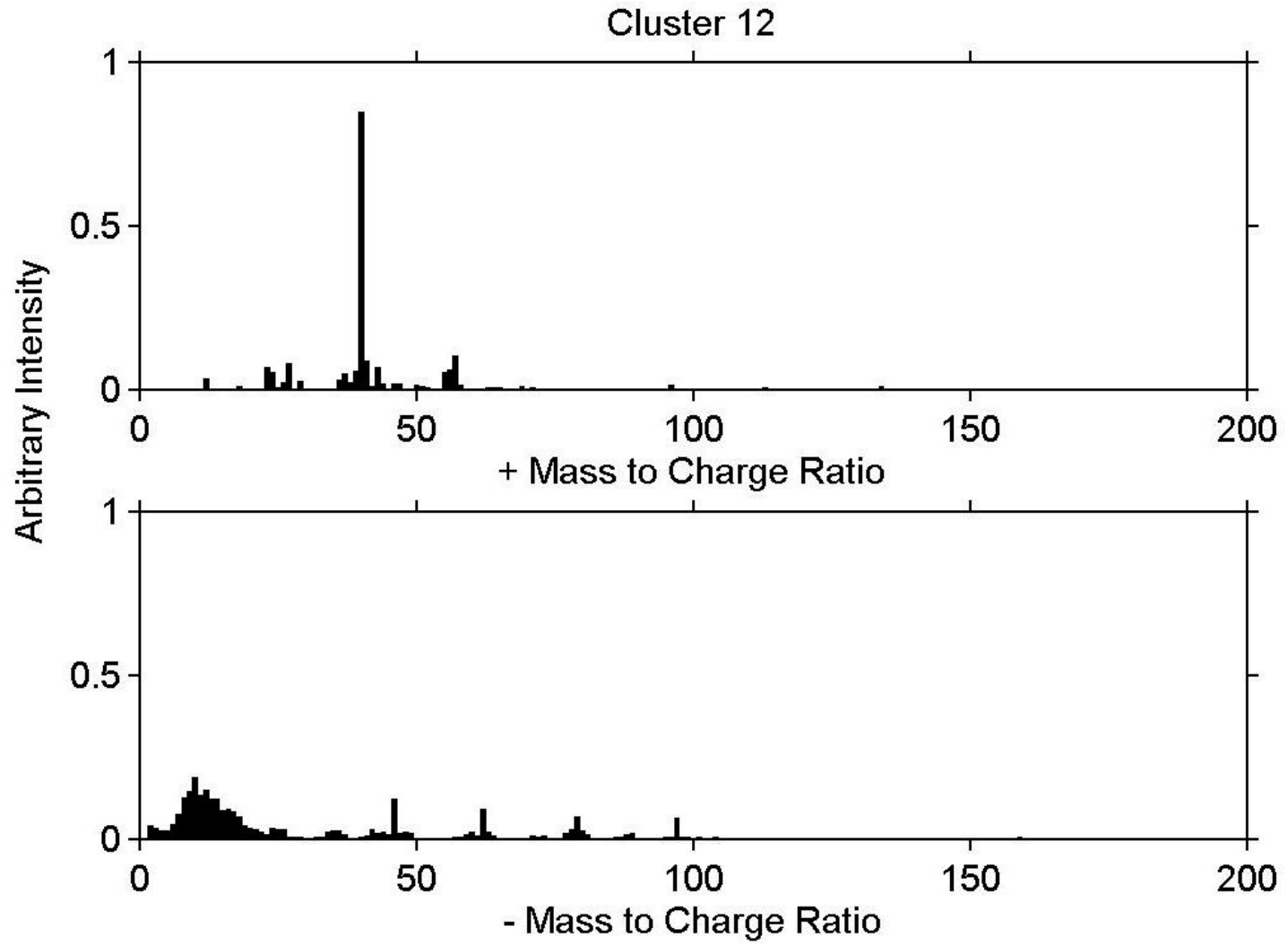


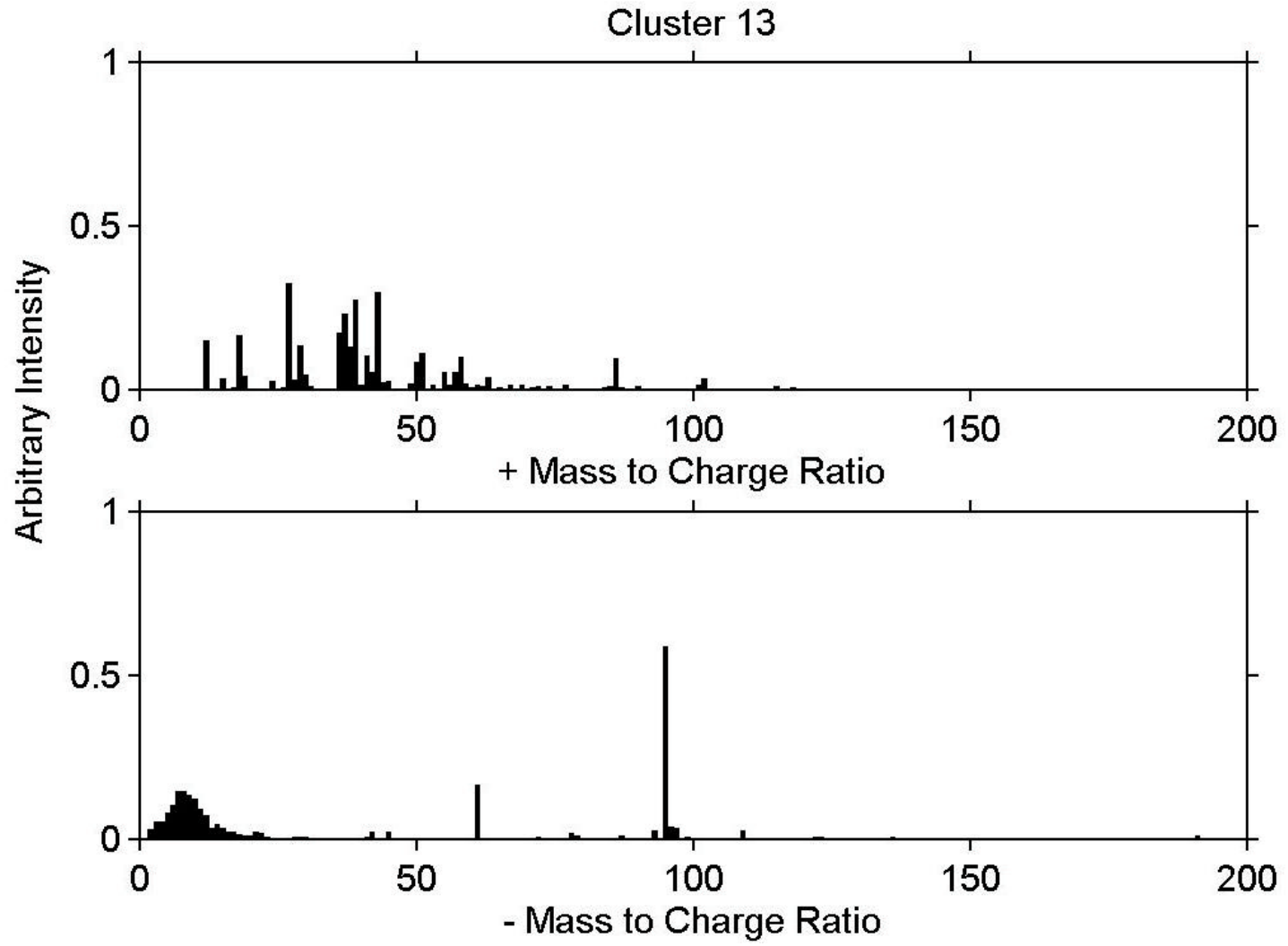


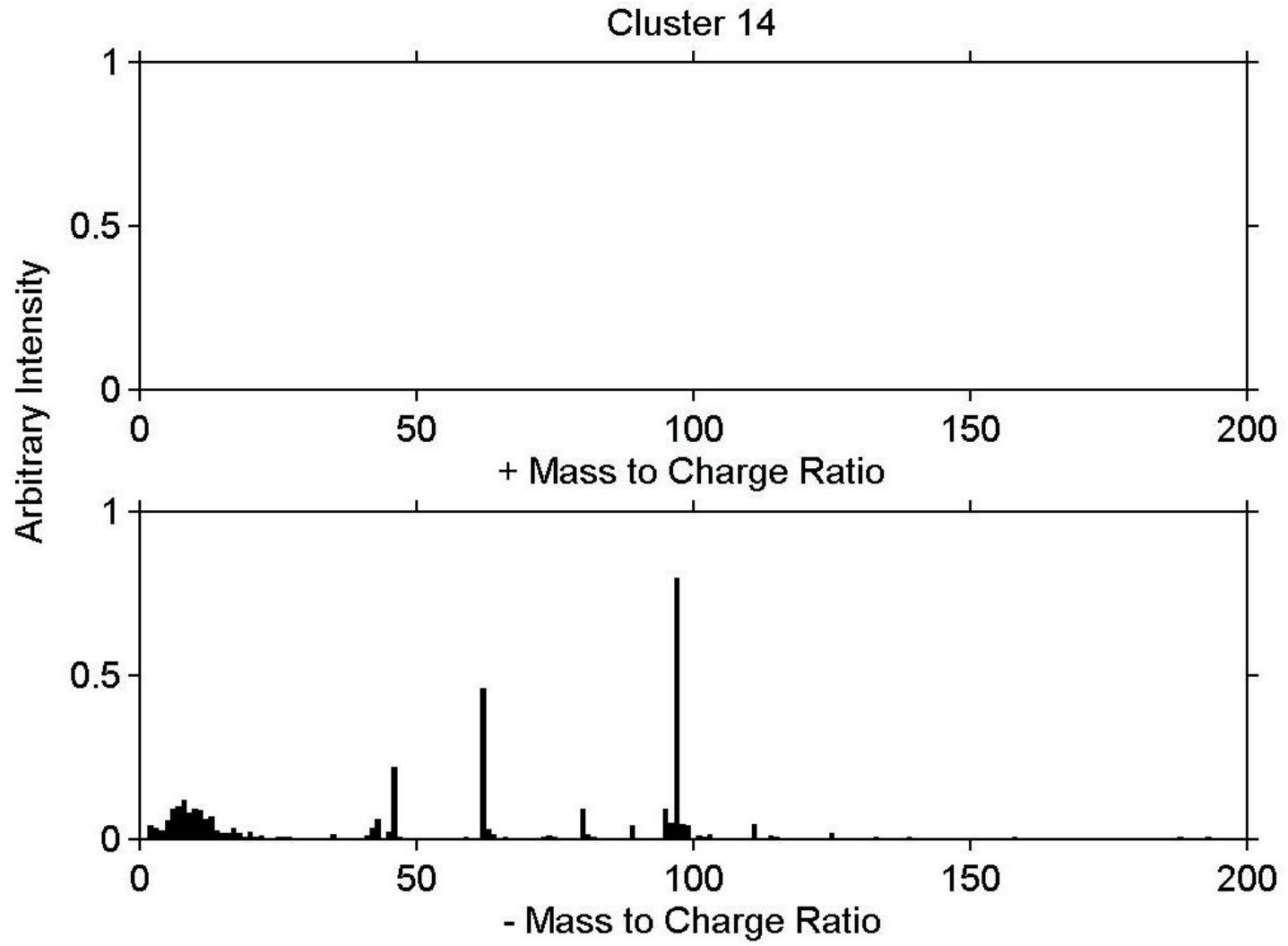


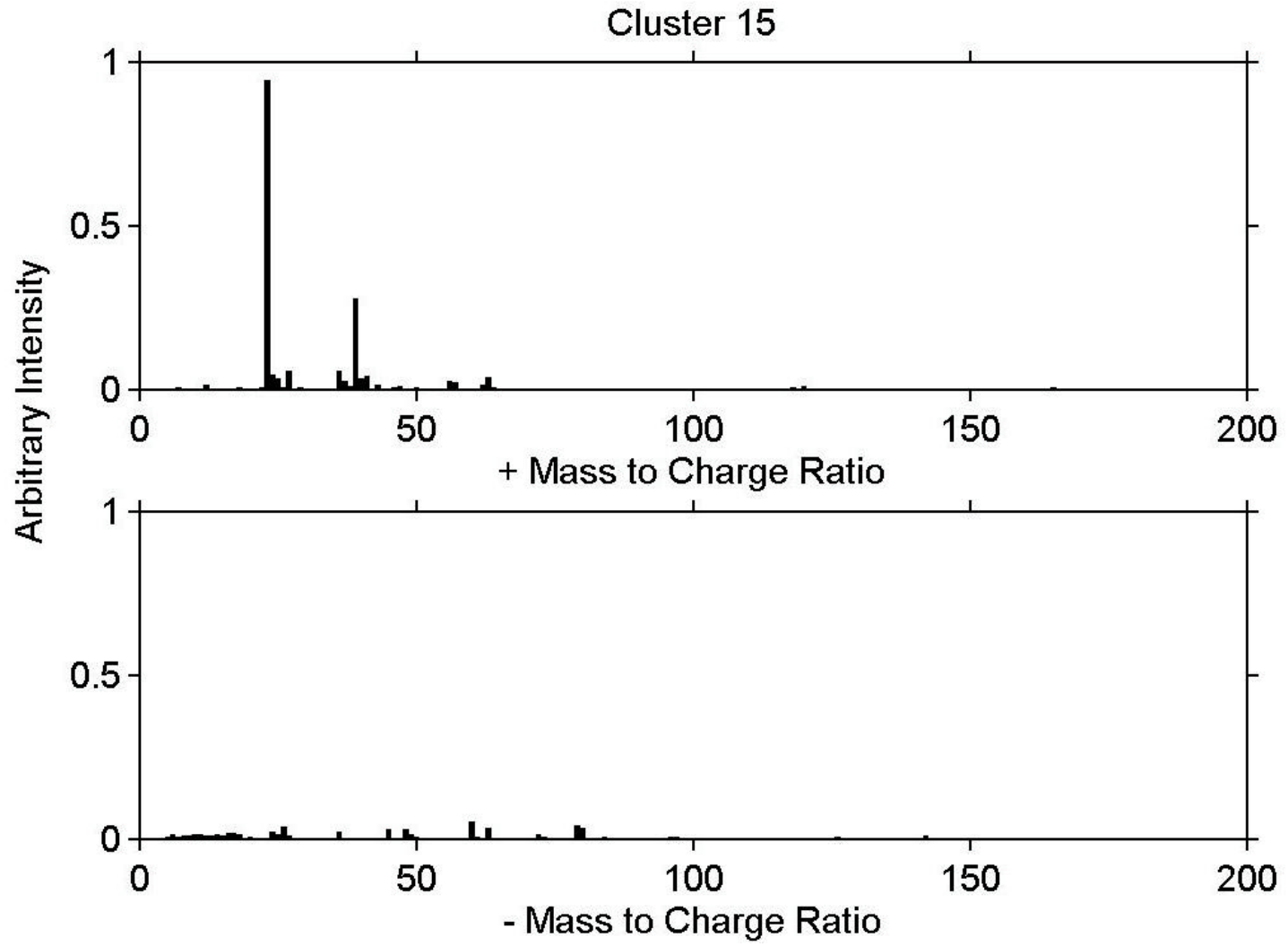


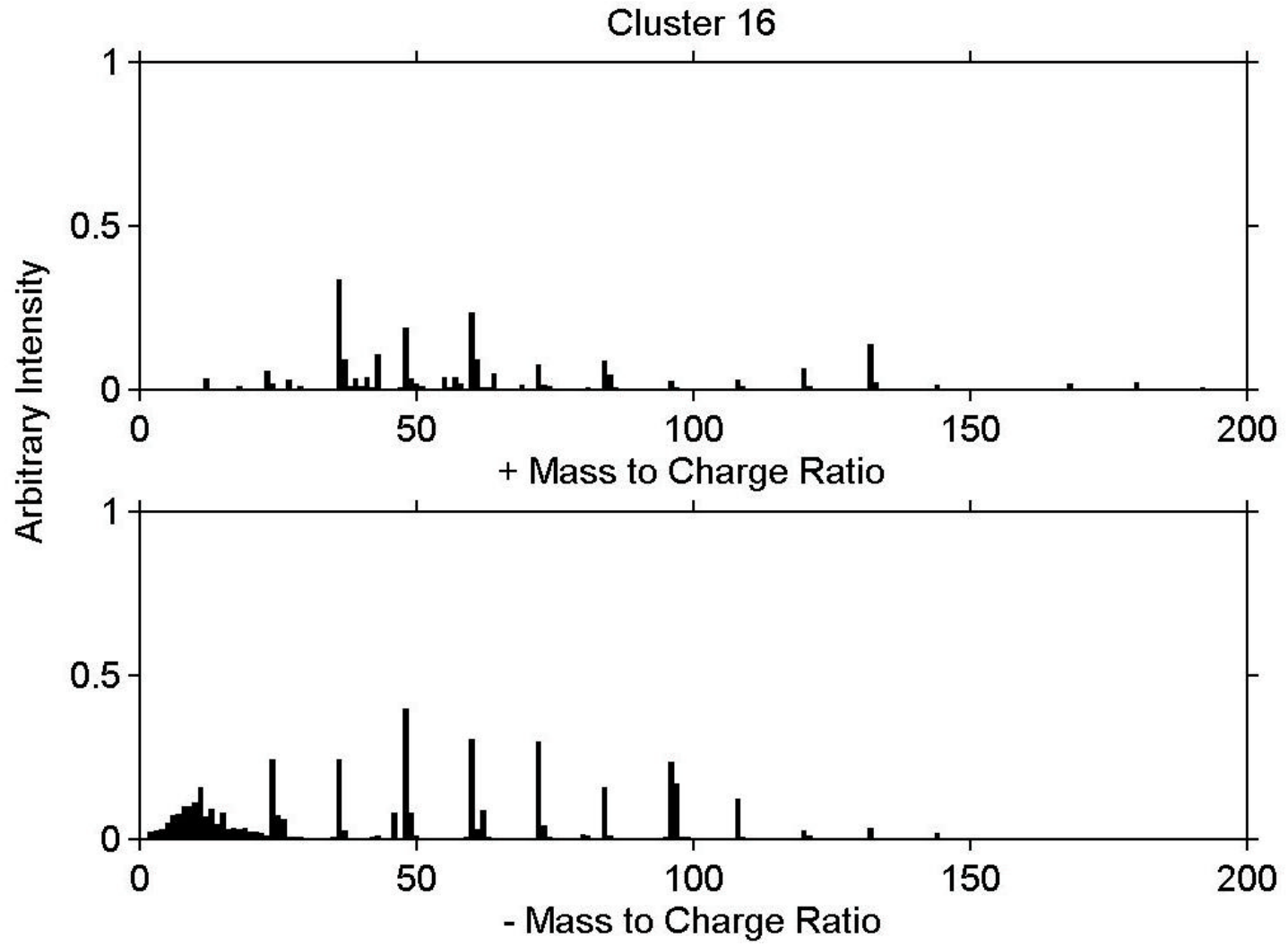


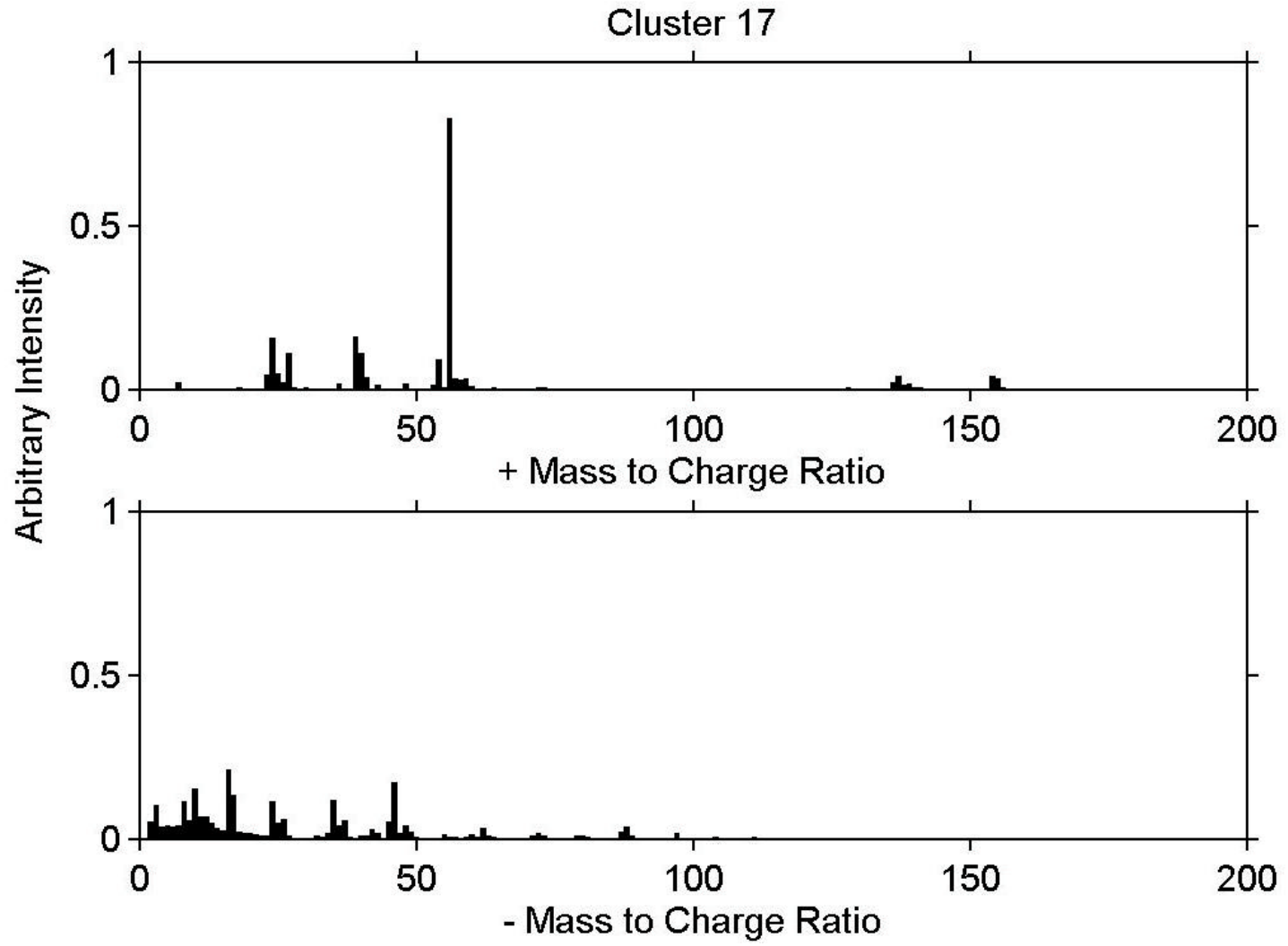


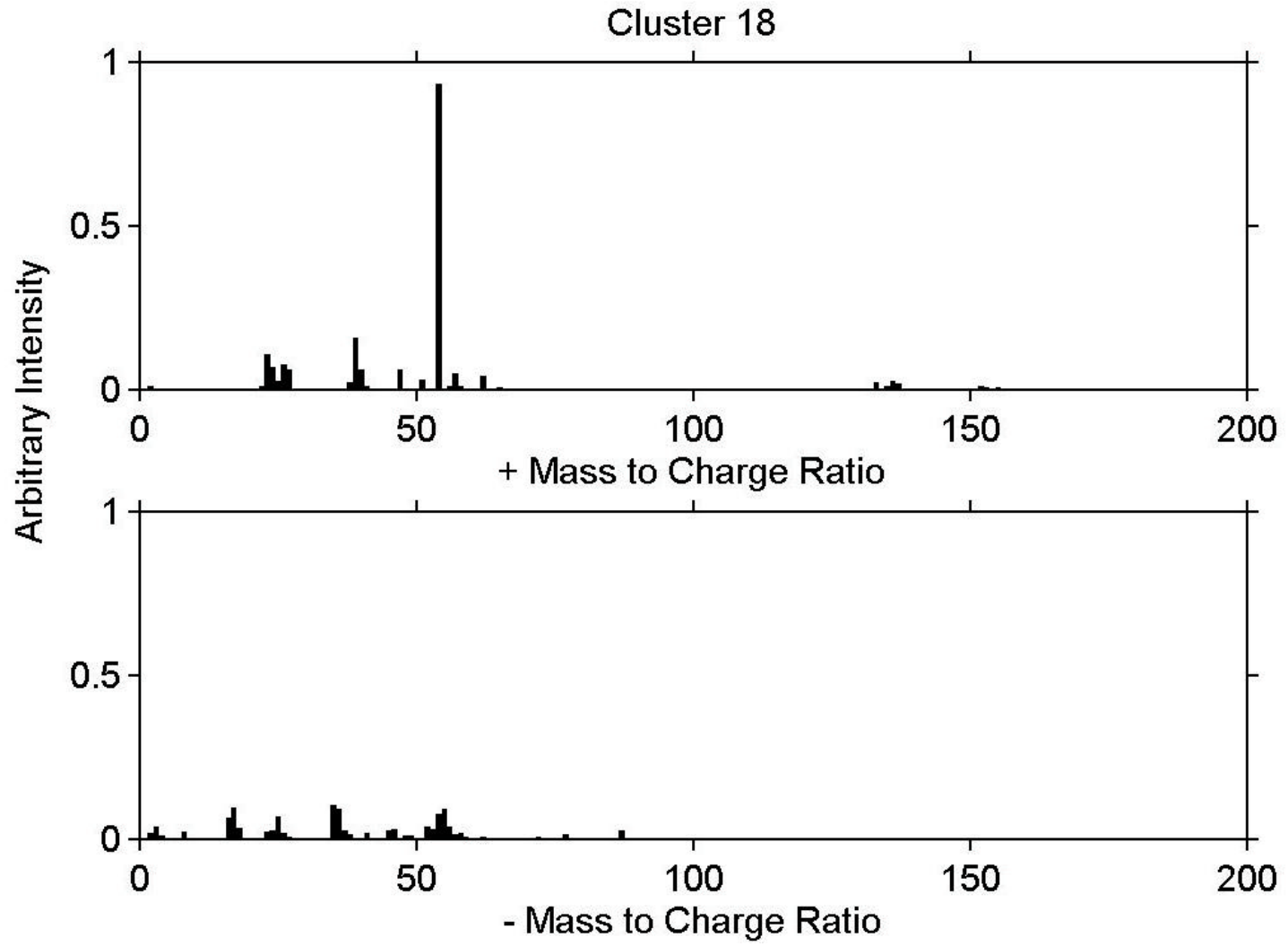


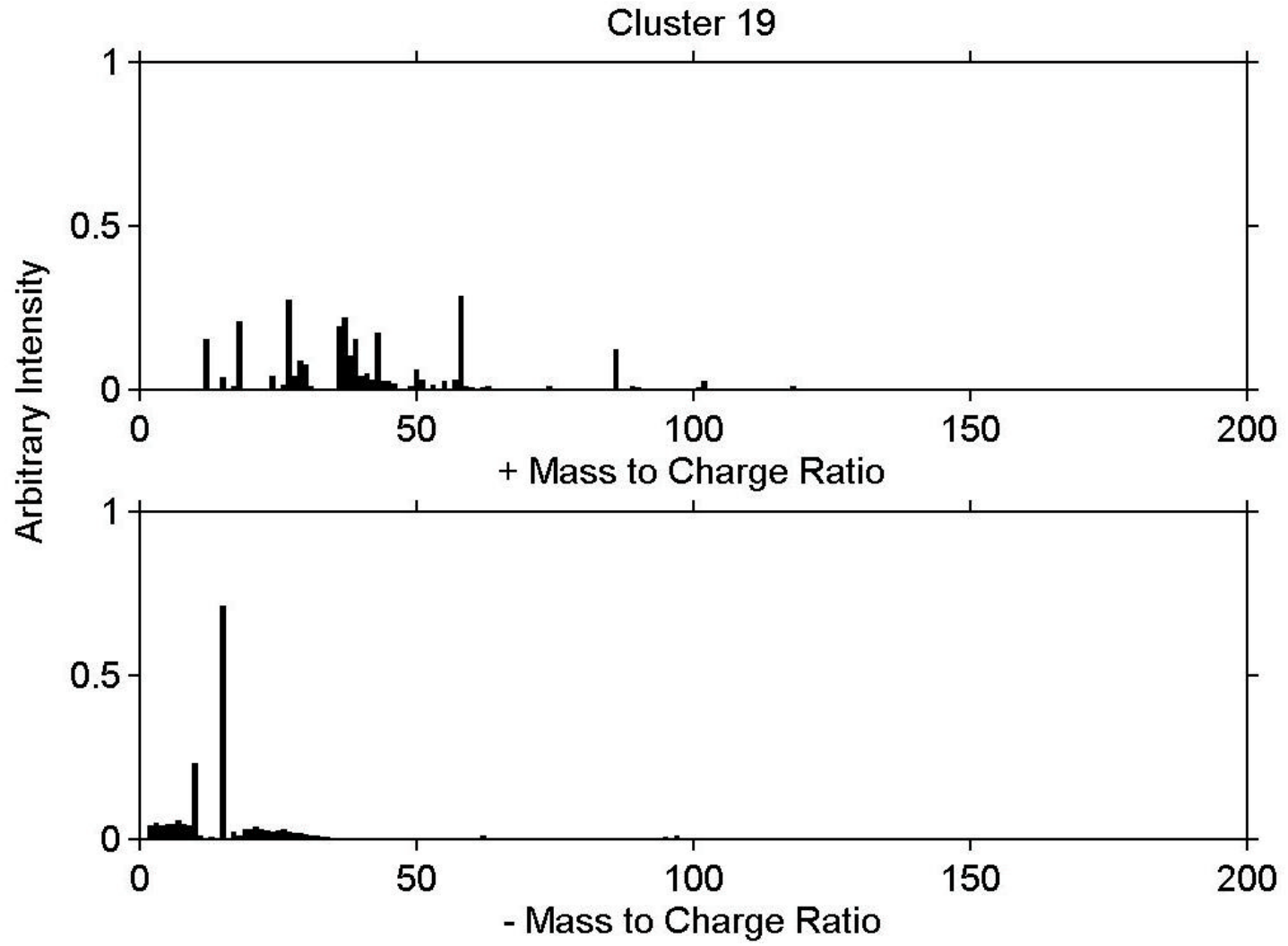


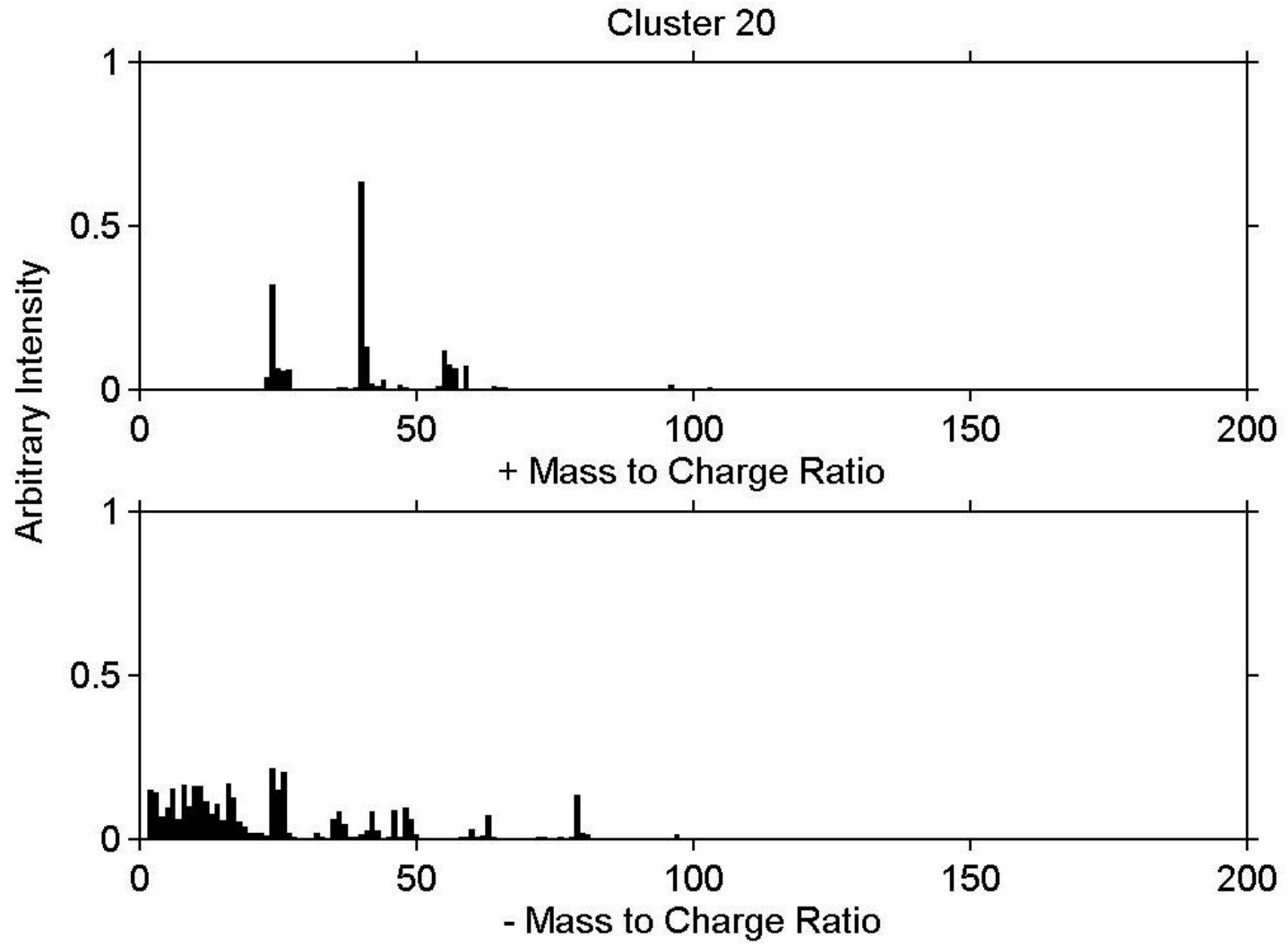


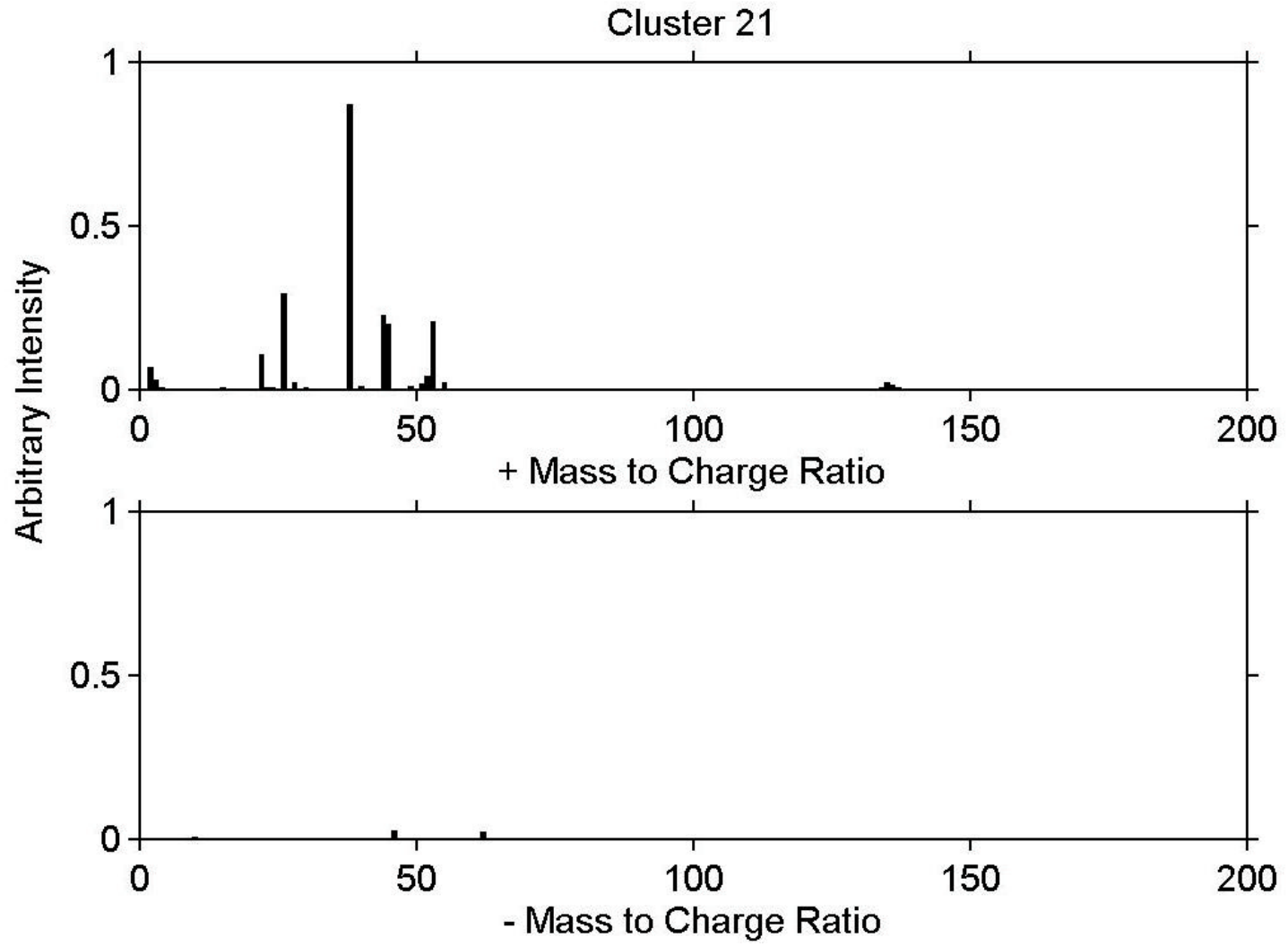


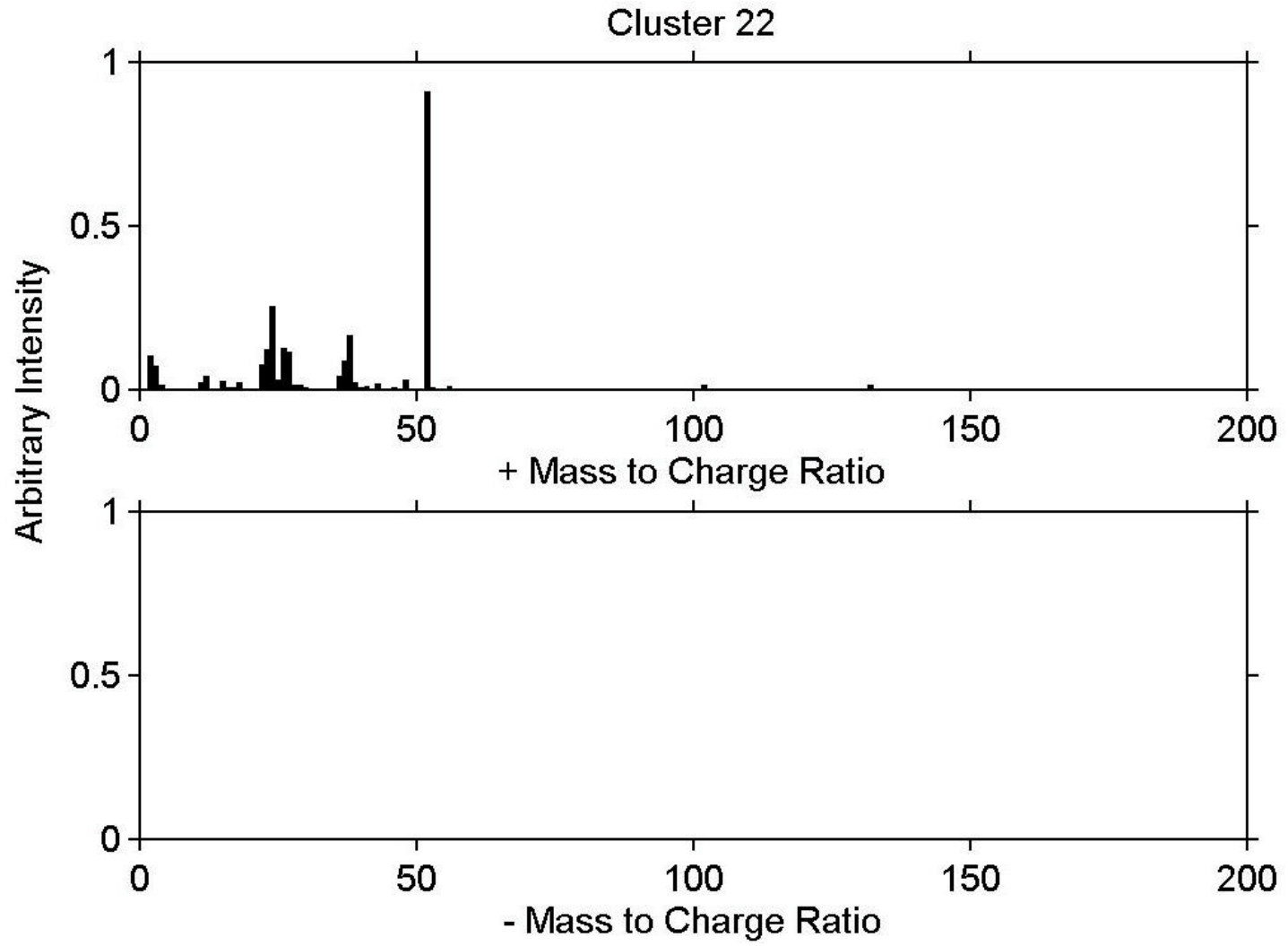






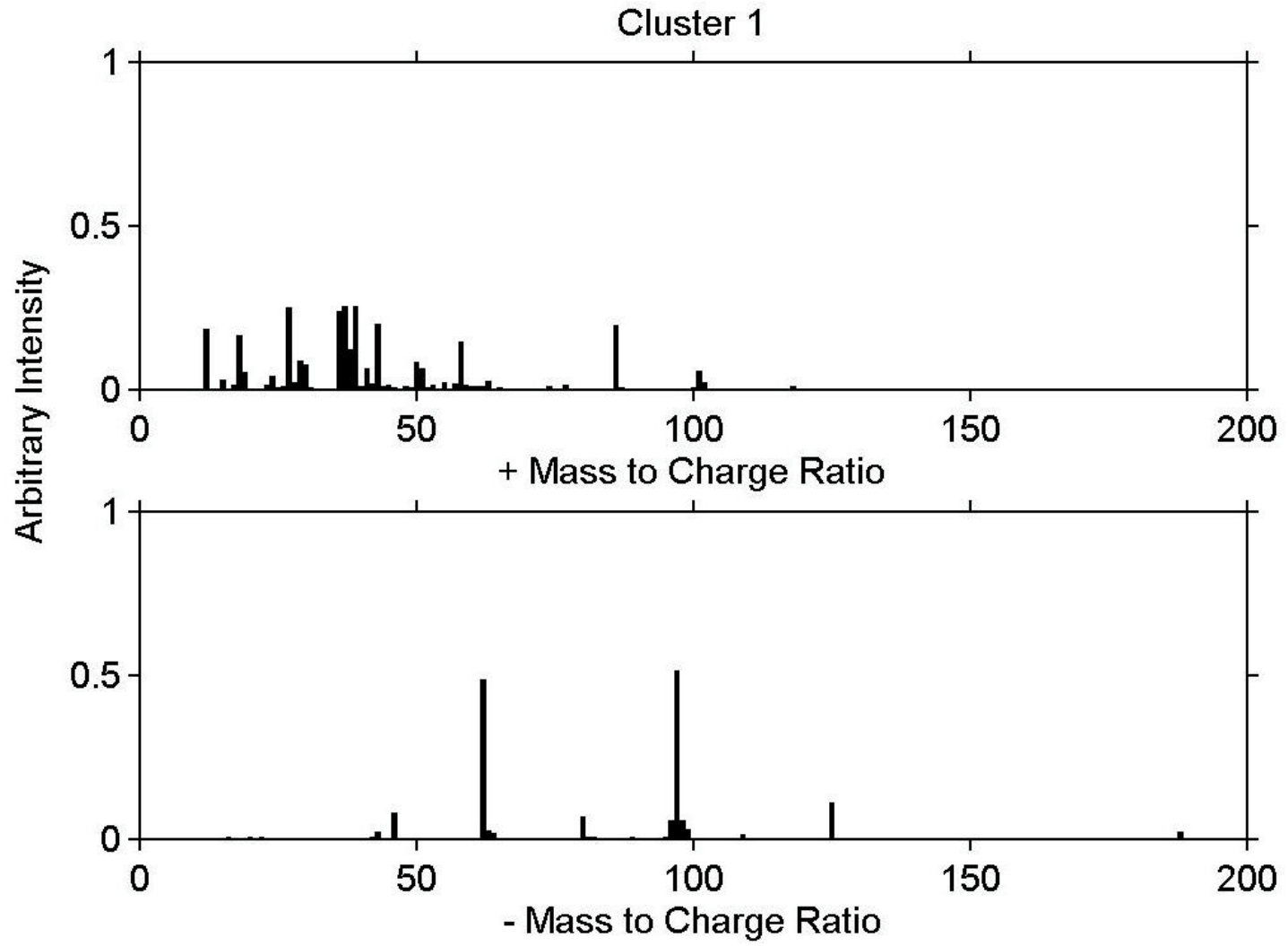


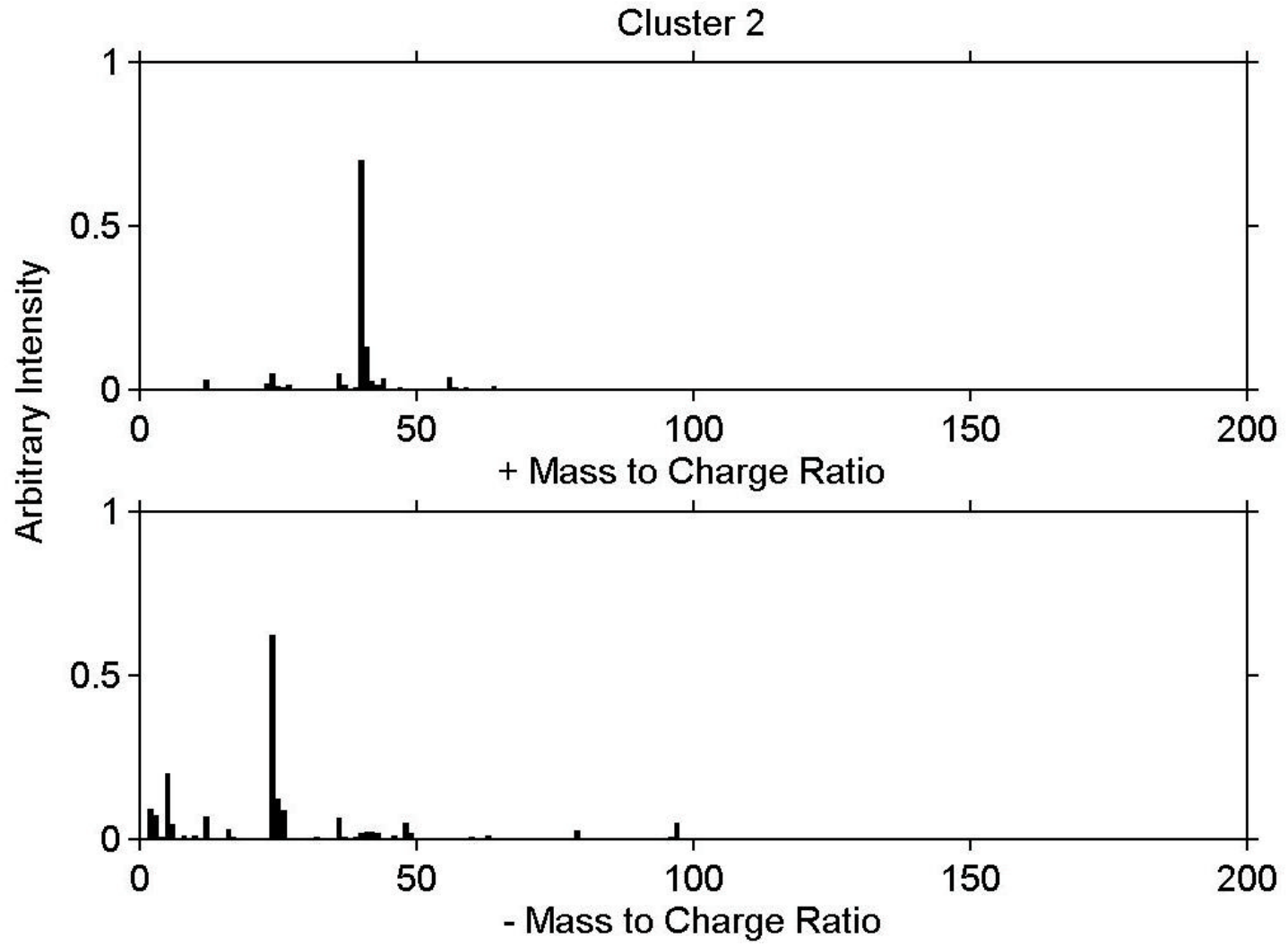


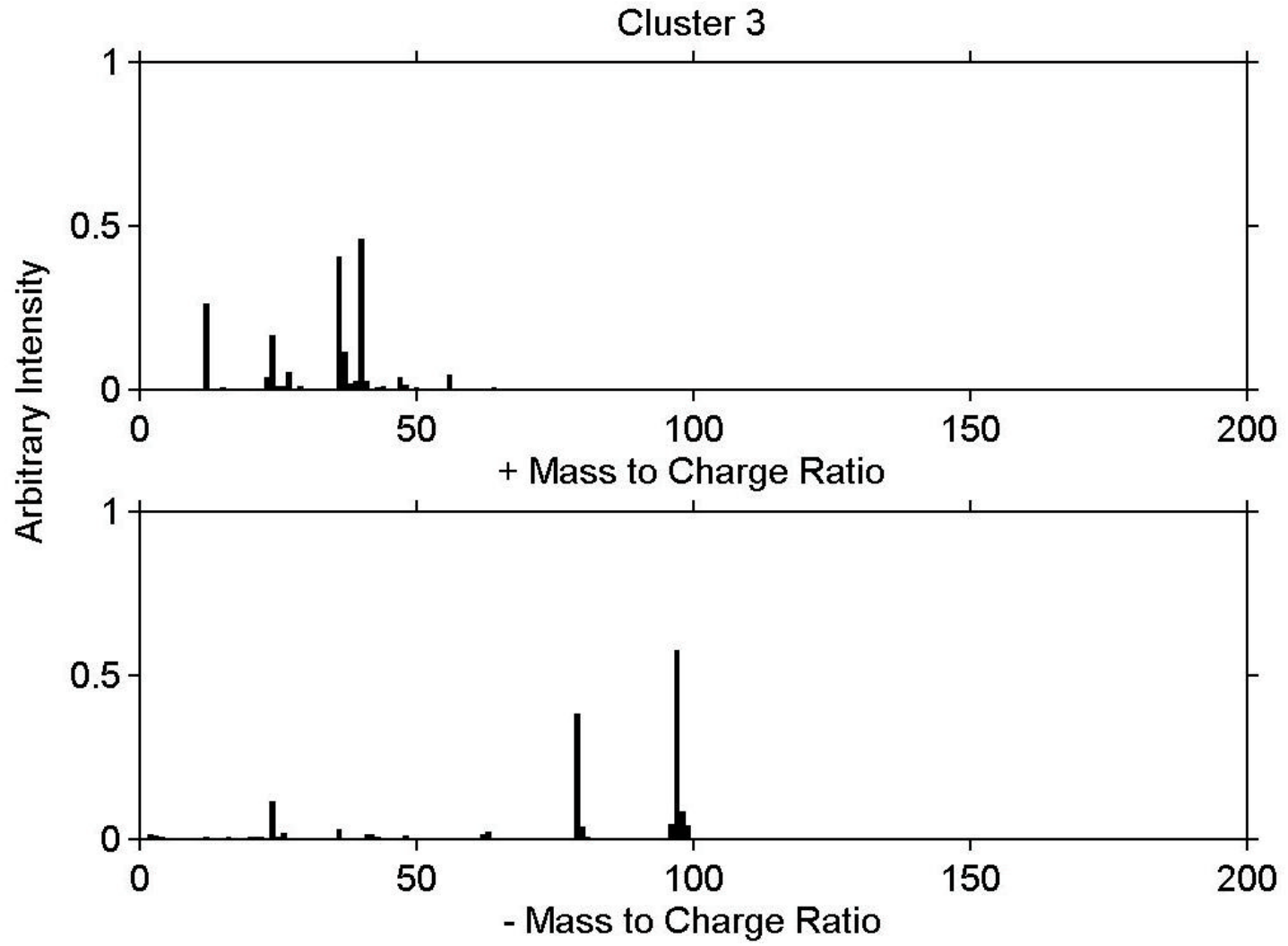


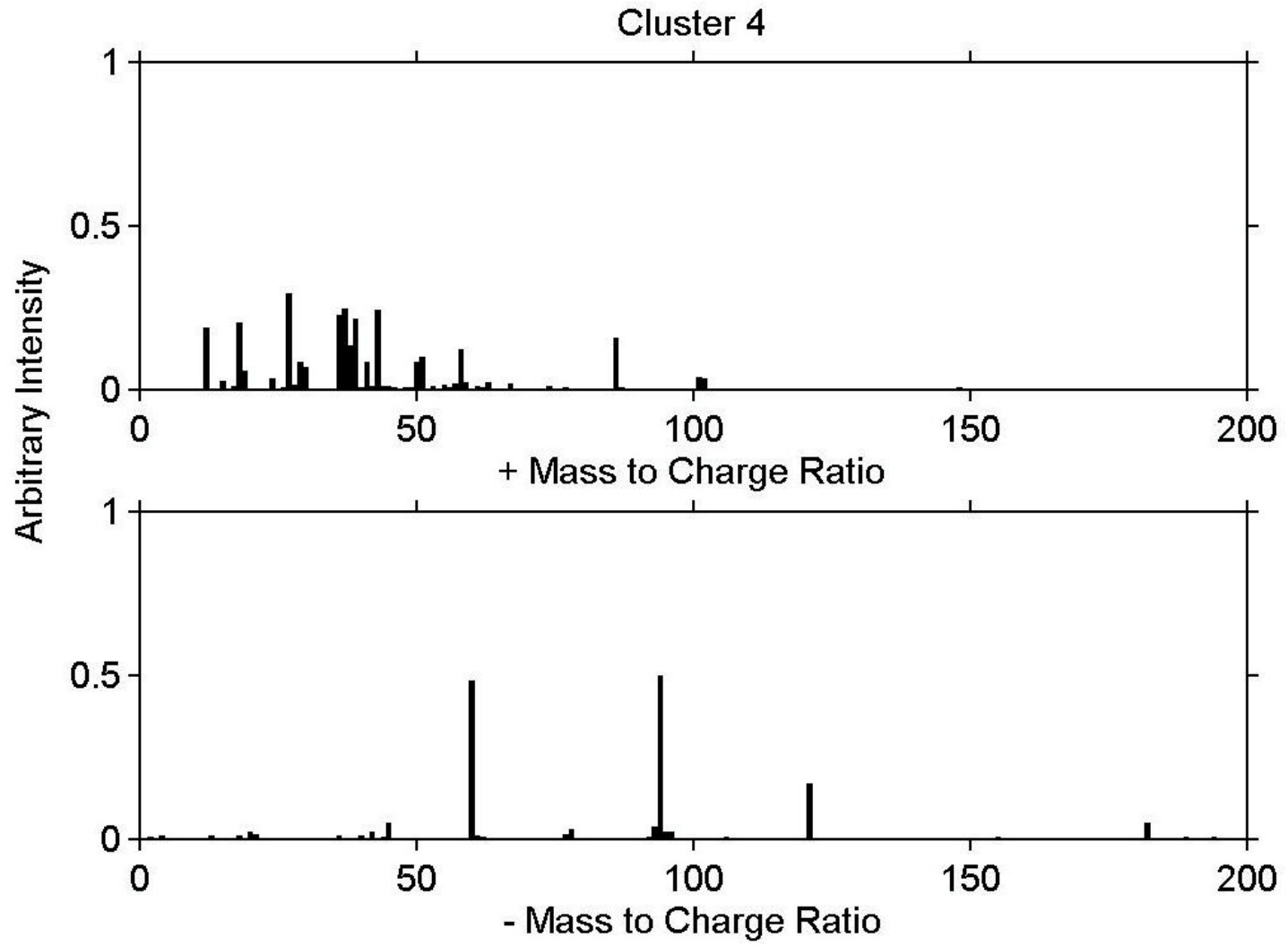
Appendix L: ART-2a dual-ion weight vectors for diesel vehicle dynamometer: mass-to-charge ratio and normalized intensity (vigilance factor = 0.7; 11 clusters)

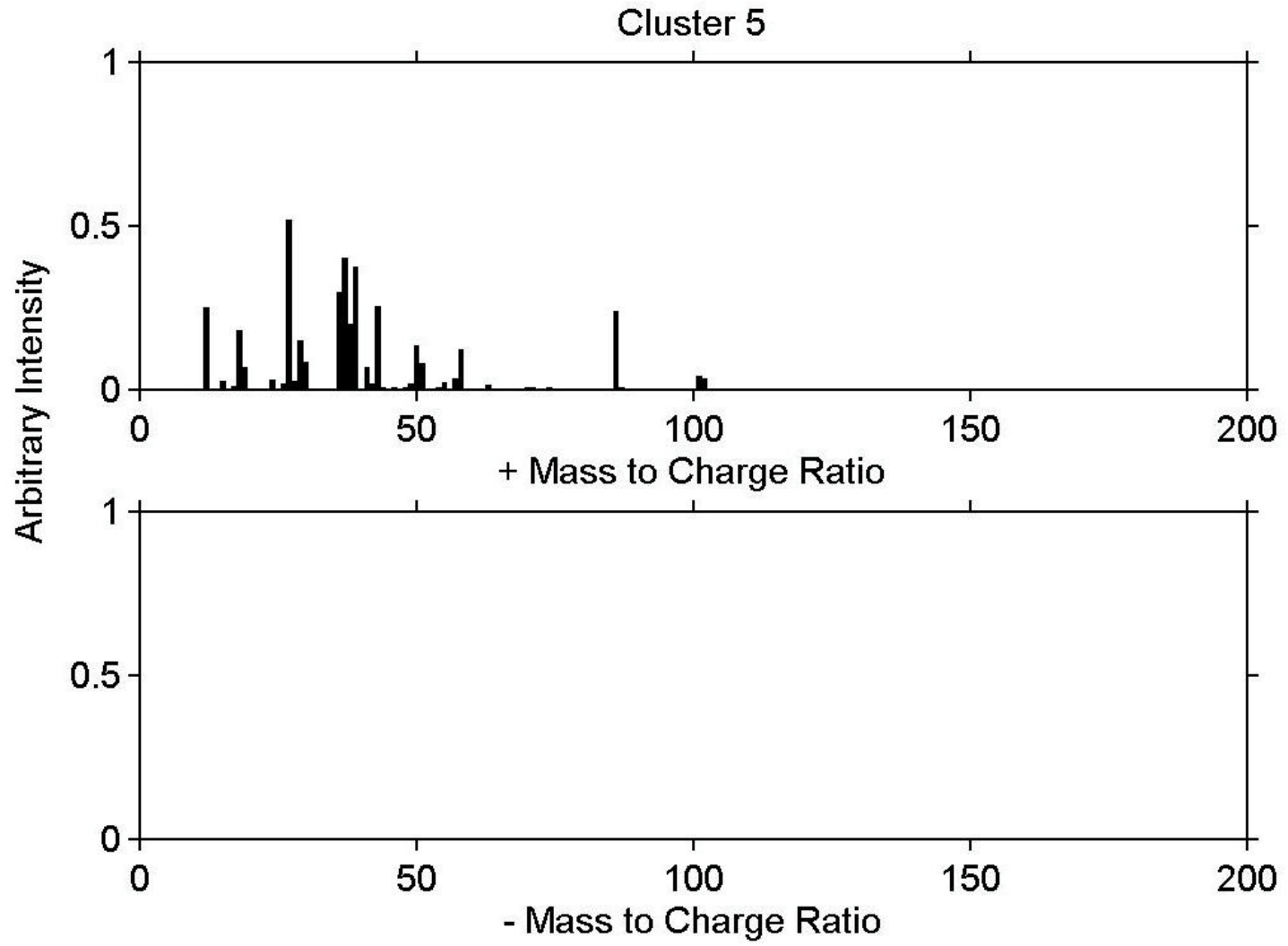
| Class # | Number of particles in the class | Number of particles matched to the class |
|---------|----------------------------------|--|
| | Diesel | Azusa |
| 1 | 165 | 33 |
| 2 | 124 | 2 |
| 3 | 120 | 4 |
| 4 | 94 | 35 |
| 5 | 88 | 340 |
| 6 | 72 | 128 |
| 7 | 49 | 3 |
| 8 | 41 | 2 |
| 9 | 30 | 11 |
| 10 | 29 | 8 |
| 11 | 18 | 3 |

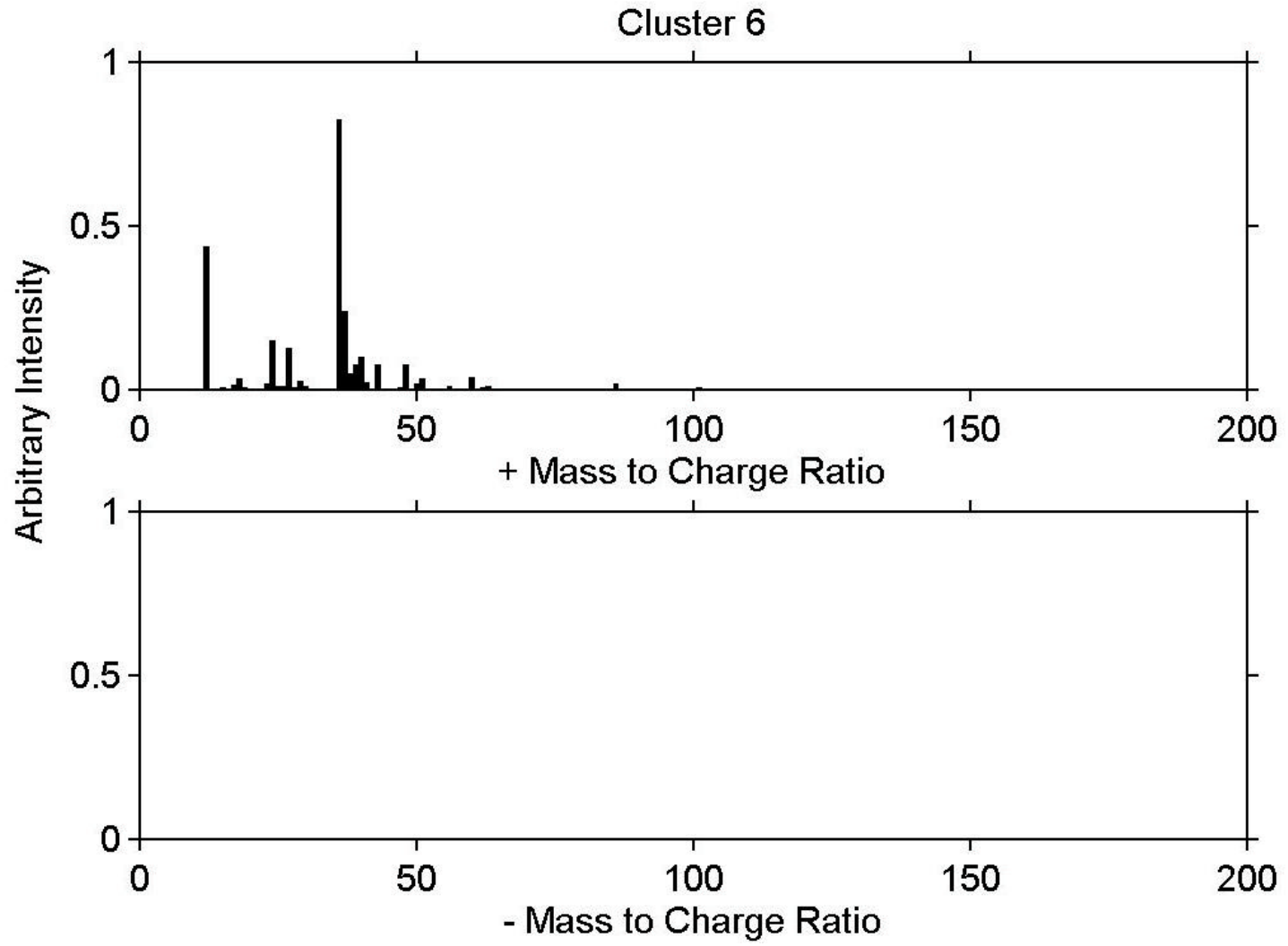


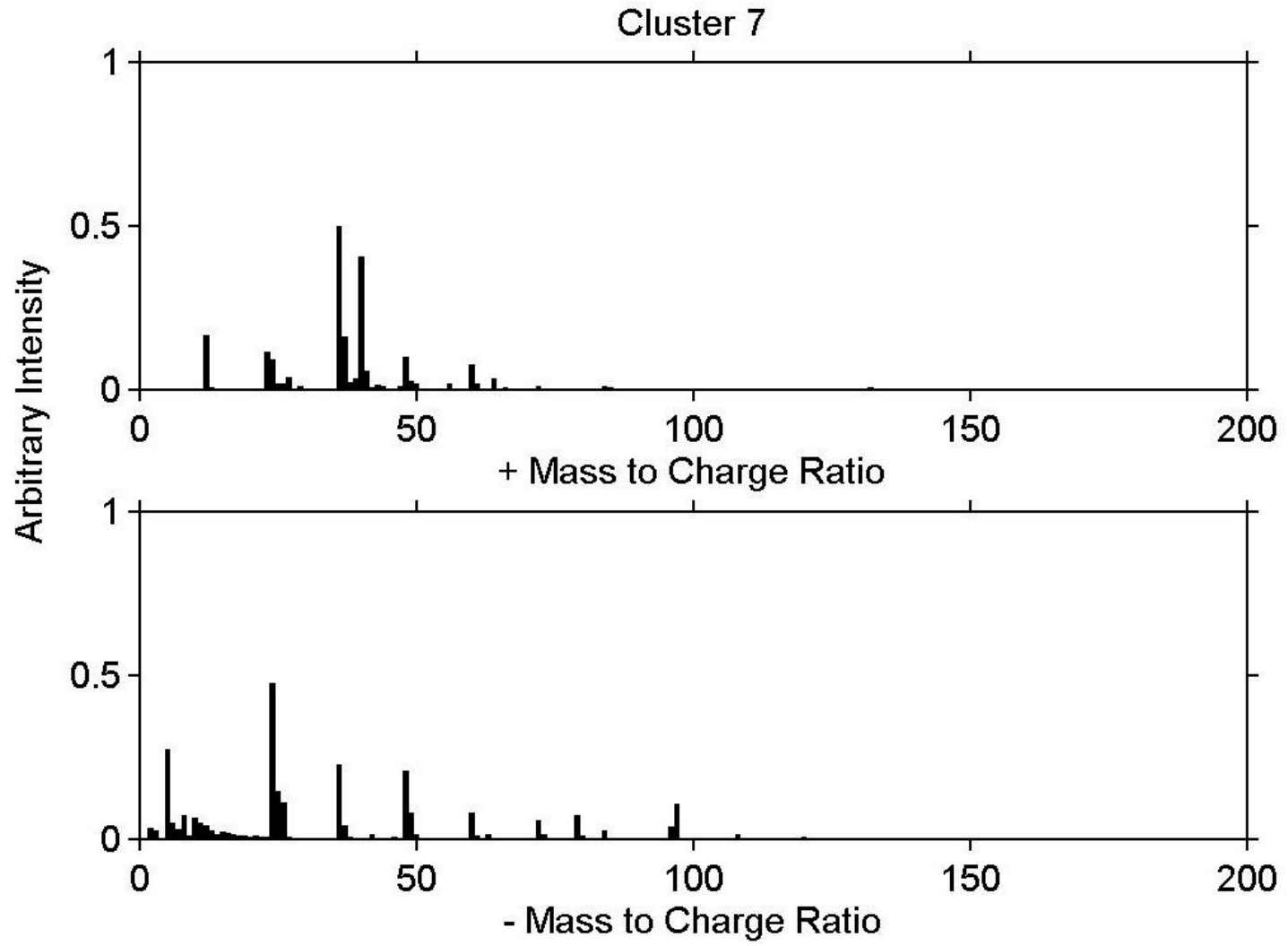


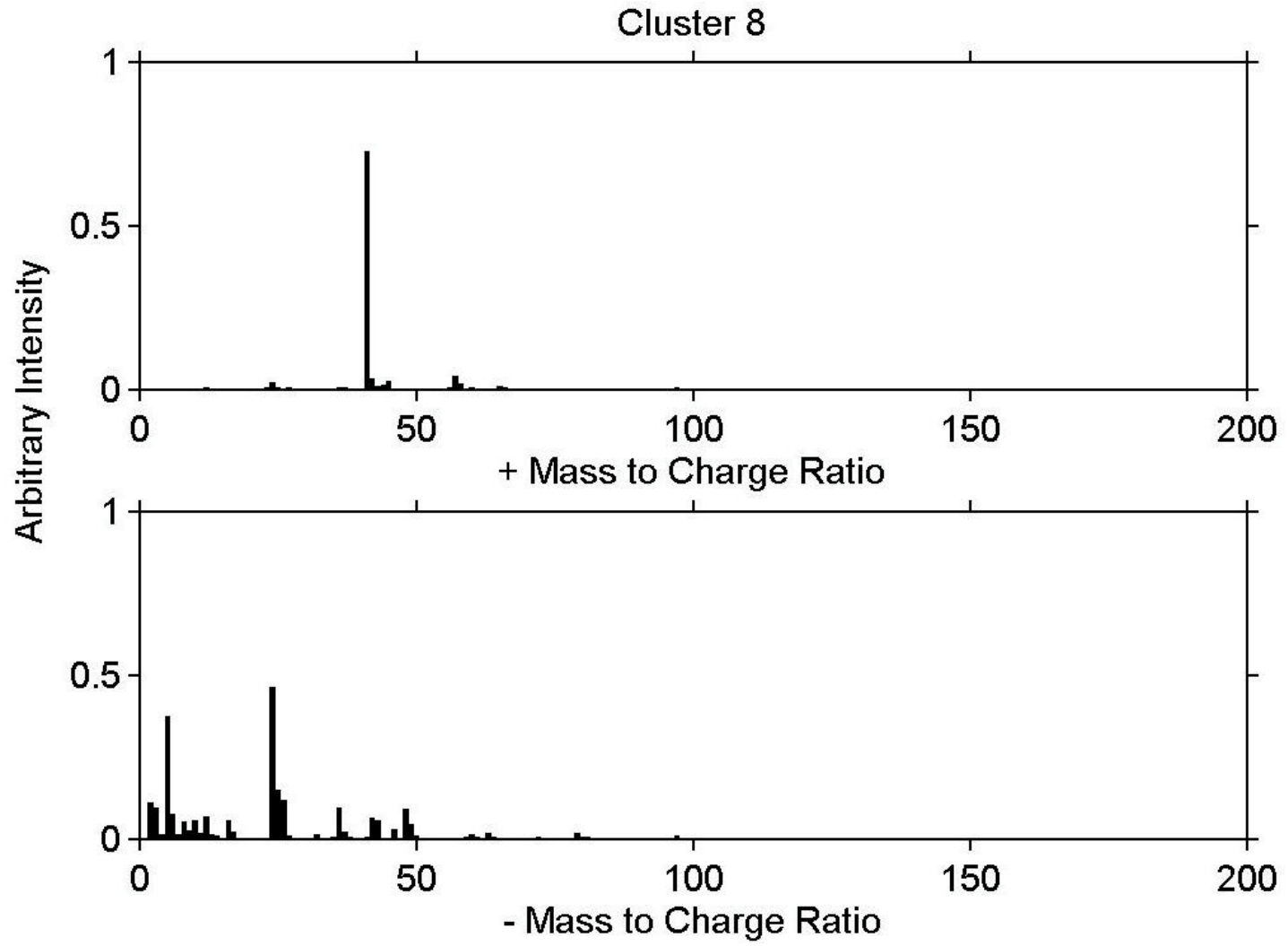


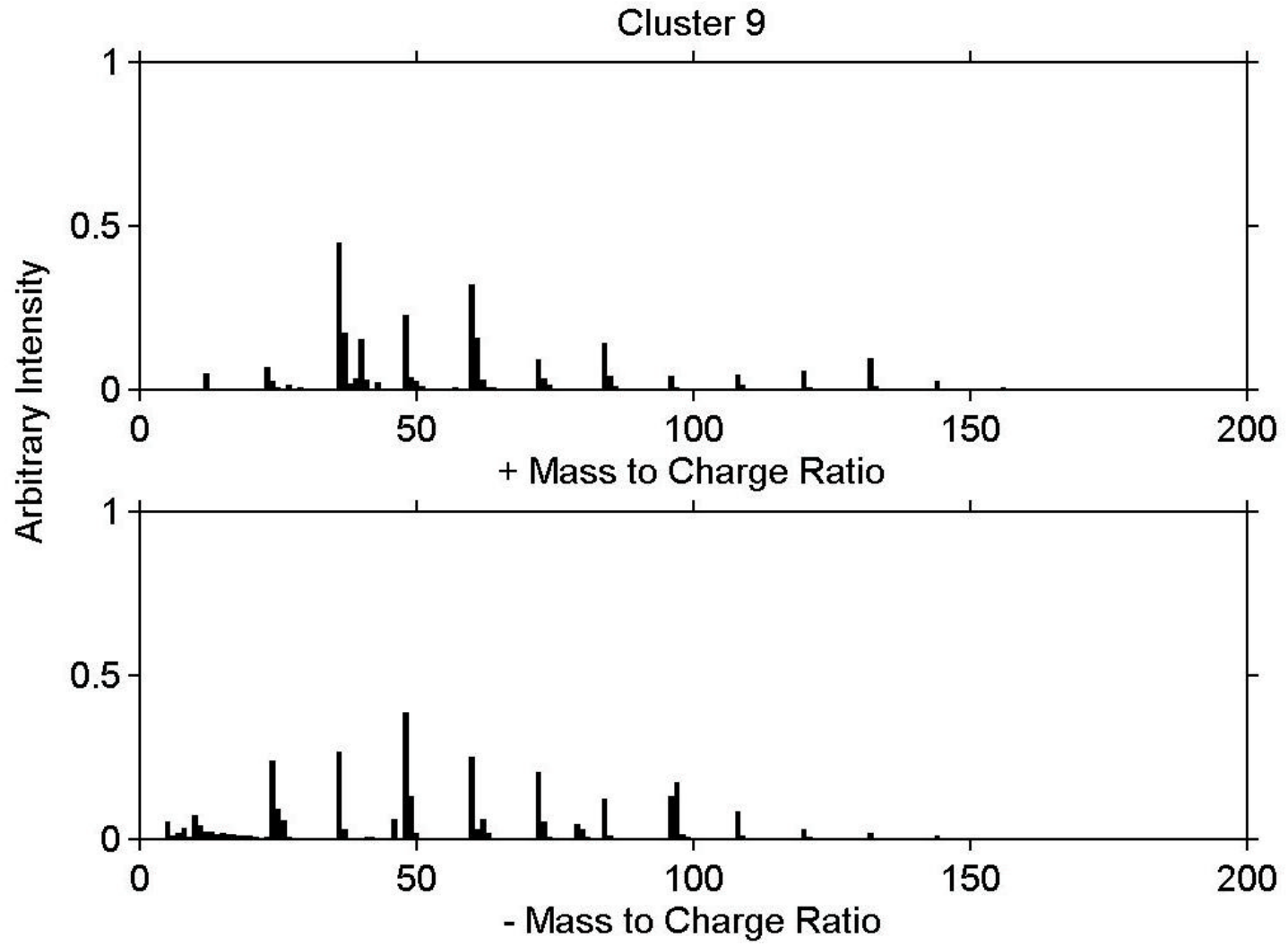


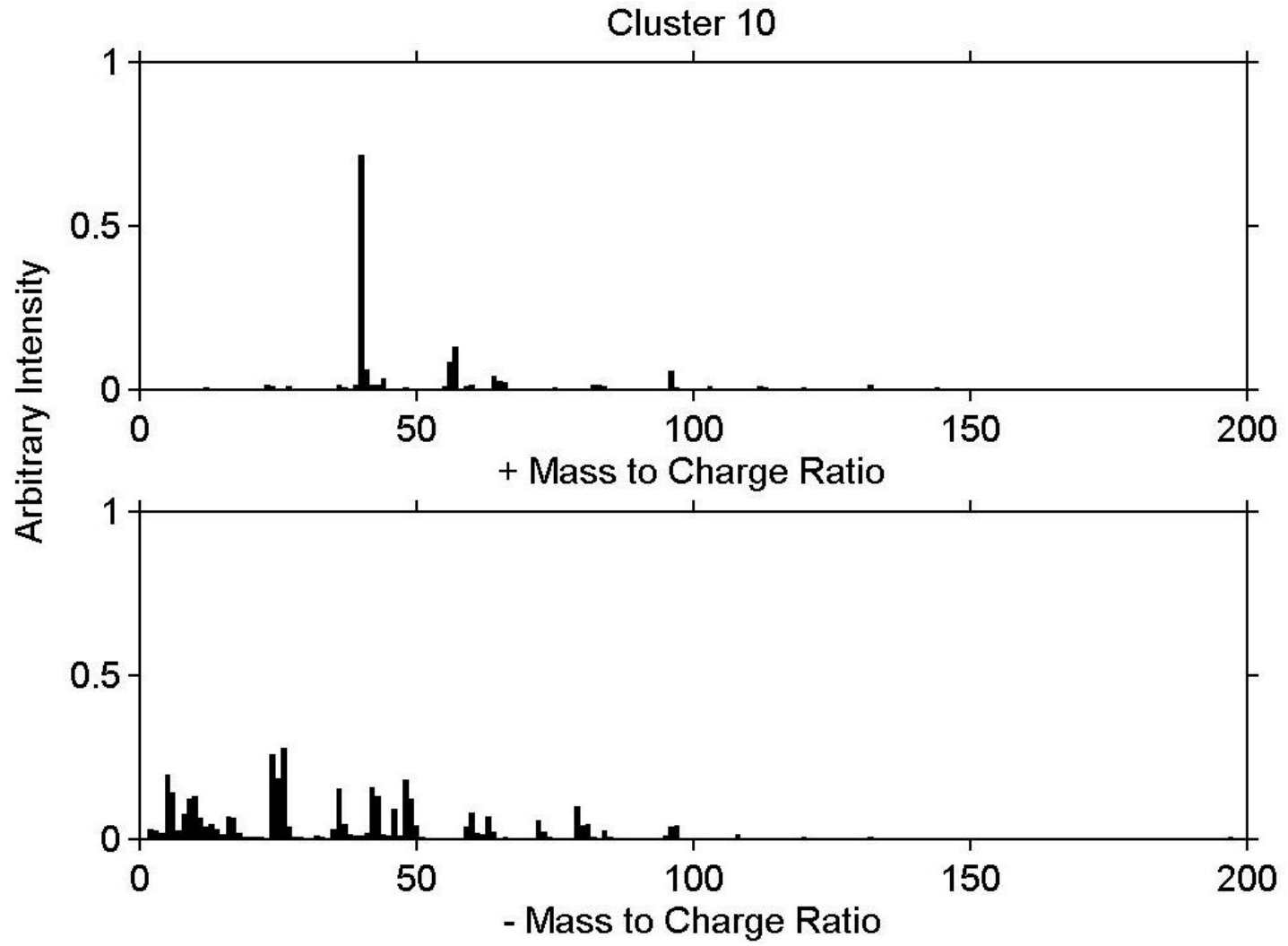


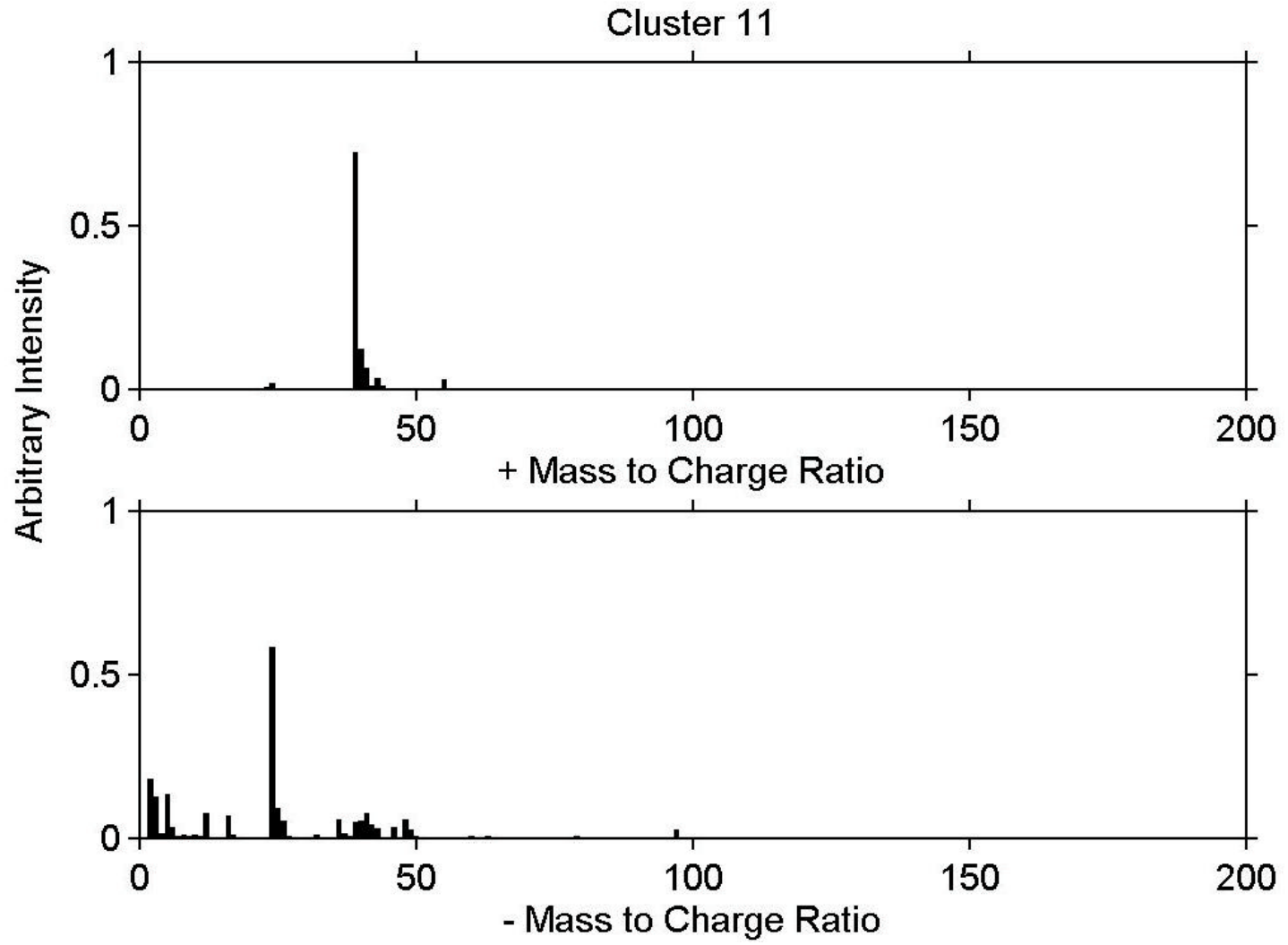












Appendix M: ART-2a dual-ion weight vectors for car vehicle dynamometer: mass-to-charge ratio and normalized intensity (vigilance factor = 0.7; 27 clusters)

