**Peak maximum counts**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Mass | PH3+NH3 | PH3+N2 |
| 4 atoms | P4 | 124 | 25 counts, broad peak | 120 counts, several peaks |
| P3N | 107 | 25 counts, broad peak | 100 counts |
| P2N2 | 90 | 8 counts | 6 counts |
| PN3 | 73 | 20 counts | 25 counts |
| N4 | 56 | 10 counts | 5 counts |
|  |  |  |  |  |
|  | P6 | 186 | 6 counts | 100 counts, broad peak |
| 6 atoms | P5N | 169 | 8 counts | 7 counts, broad peak |
| P4N2 | 152 | 10 counts | 35 counts, broad peak |
| P3N3 | 135 | 22 counts,broadpeak | 85 counts, several peaks |
| P2N4 | 118 | 10 counts | 8 counts, broad peak |
| PN5 | 101 | 11 counts, broad peak | 40 counts, several peaks |
| N6 | 84 | 10 counts, broad peak | 4 counts |