|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| kDa | 5 - 15 | 16 - 30 | 31 - 45 | 45 - 60 | 61+ | Total Peaks |
|  **RNase A (13.7kDa)** |
| **Pre** | 0 | 1 | 0 | 0 | 0 | **1** |
| **30% Power** | 0 | 1 | 0 | 0 | 0 | **1** |
| **50% Power** | 0 | 4 | 1 | 0 | 0 | **5** |
|  **RNase B (14.8 kDa)** |
| **Pre** | 0 | 1 | 0 | 0 | 0 | **1** |
| **30% Power** | 0 | 1 | 0 | 0 | 0 | **1** |
| **50% Power** | 7 | 7 | 0 | 2 | 0 | **16** |
|  **DNase I (approx. 31 kDa)** |
| **Pre** | 0 | 0 | 1 | 0 | 0 | **1** |
| **30% Power** | 5 | 0 | 1 | 1 | 1 | **8** |
| **50% Power** | 2 | 1 | 5 | 5 | 6 | **19** |

**S2 Table:** Increasing microwave power results in an increase in number of peaks due to fragmentation.