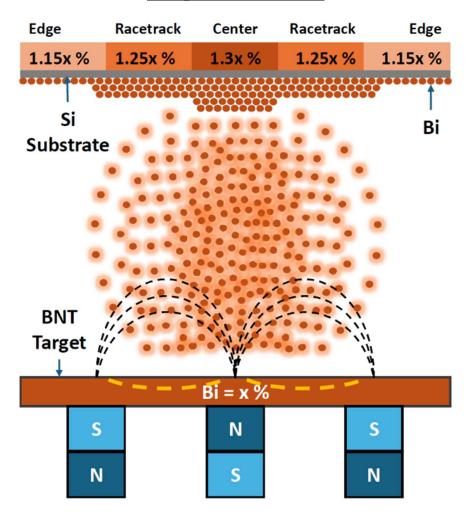
## **Graphical Abstract**



**Figure 1**: Illustrating the ballistic transport of Bi that causes its excess deposition compared to the lighter elements inside the growing films.