**1a**

|  |  |  |  |
| --- | --- | --- | --- |
| Hmotnost benzenu, g | Navážka naftalenu, g | Bod tuhnutí benzenu | Bod tuhnutí roztoku |
| 17,52  | 0,200 | 6,150 | 5,720 |
| 0,199 | 5,130 |
| 0,200 | 4,705 |

**6b**

Tabulka 1 pro kyselinu boritou

|  |  |
| --- | --- |
| Objem činidla, ml | $$pH\_{exp}$$ |
| 0,0 | 5,78 |
| 0,5 | 6,72 |
| 1,0 | 6,98 |
| 1,5 | 7,19 |
| 2,0 | 7,30 |
| 2,5 | 7,40 |
| 3,0 | 7,56 |
| 3,5 | 7,61 |
| 4,0 | 7,66 |
| 4,5 | 7,74 |
| 5,0 | 7,77 |

Tabulka pro octan sodný

|  |  |
| --- | --- |
| Objem činidla, ml | $$pH\_{exp}$$ |
| 0,0 | 8,30 |
| 0,5 | 7,10 |
| 1,0 | 6,78 |
| 1,5 | 6,62 |
| 2,0 | 6,42 |
| 2,5 | 6,39 |
| 3,0 | 6,28 |
| 3,5 | 6,22 |
| 4,0 | 6,11 |
| 4,5 | 6,06 |
| 5,0 | 6,01 |