**Table S3:** Multiple Reaction Monitoring (MRM) method parameters. The MRM product ions in brackets are uses as confirmation transitions.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Condition*** | ***5-HT*** | ***NA*** | ***DA*** | ***5-HMT*** | ***DHBA*** |
| ***RT (min)*** | 0.6 | 0.29 | 0.4 | 0.85 | 0.35 |
| ***MRM Precursor ion (m/z)*** | 177 | 170 | 154 | 191 | 140 |
| ***MRM Product ions (m/z)*** | 160.1 (115.2) | 152.0 (107.1) | 136.9 (118.9) | 160.1 (115.1) | 123.0 (105.1) |
| ***MRM CE (V)*** | -12 (-28) | -21 (-11) | -15 (-20) | -13 (-30) | -12 (-22) |

5-HT: Serotonin; NA: Noradrenaline; DA: Dopamine; 5-HMT: 5-hydroxy-N-*ω*-methyltryptamine; DHBA: 3,4-dihydroxybenzylamine; MRM CE : collision energy; RT : retention time