***Cassia fistula* leaves extract profiling and its emphasis on induced ulcerative colitis in male rats through inhibition of Caspase 3 and cyclooxygenase-2**

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| **Supplement (S1)** |  TIC of the negative mode of LC/MS/MS analysis of *C. fistula* leaves extract |
| **Supplement (S2)** |  PBC of the negative mode of LC/MS/MS analysis of *C. fistula* leaves extract |
| **Supplement (S3)** |  TIC of the positive mode of LC/MS/MS analysis of *C. fistula* leaves extract |
| **Supplement (S4)** |  PBC of the positive mode of LC/MS/MS analysis of *C. fistula* leaves extract |

**S1. TIC of the negative mode of LC/MS/MS analysis of *C. fistula* leaves extract**

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**S2. PBC of the negative mode of LC/MS/MS analysis of *C. fistula* leaves extract**



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**S3. TIC of the positive mode of LC/MS/MS analysis of *C. fistula* leaves extract**

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**S4. PBC of the positive mode of LC/MS/MS analysis of *C. fistula* leaves extract**