Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092723\
Data File : BM042087.D
Acq On : 27 Sep 2023 16:24
Operator : MA/JU
Sample : 04450-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
BBJ46

Quant Time: Sep 27 16:53:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.941 | 152 | 3272 | 0.400 | ng/ul | -0.01 |
| 4) Naphthalene-d8 | 10.757 | 136 | 9091 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.587 | 164 | 4254 | 0.400 | ng/ul | -0.01 |
| 13) Phenanthrene-d10 | 17.341 | 188 | 9175 | 0.400 | ng/ul | -0.01 |
| 17) Chrysene-d12 | 21.518 | 240 | 4723 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.918 | 264 | 5753 | 0.400 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.364 | 96 | 21289 | 4.775 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.341 | 152 | 4380 | 0.385 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.362 | 212 | 7921 | 0.407 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.402 | 88 | 1720 | 0.367 | ng/ul# | 90 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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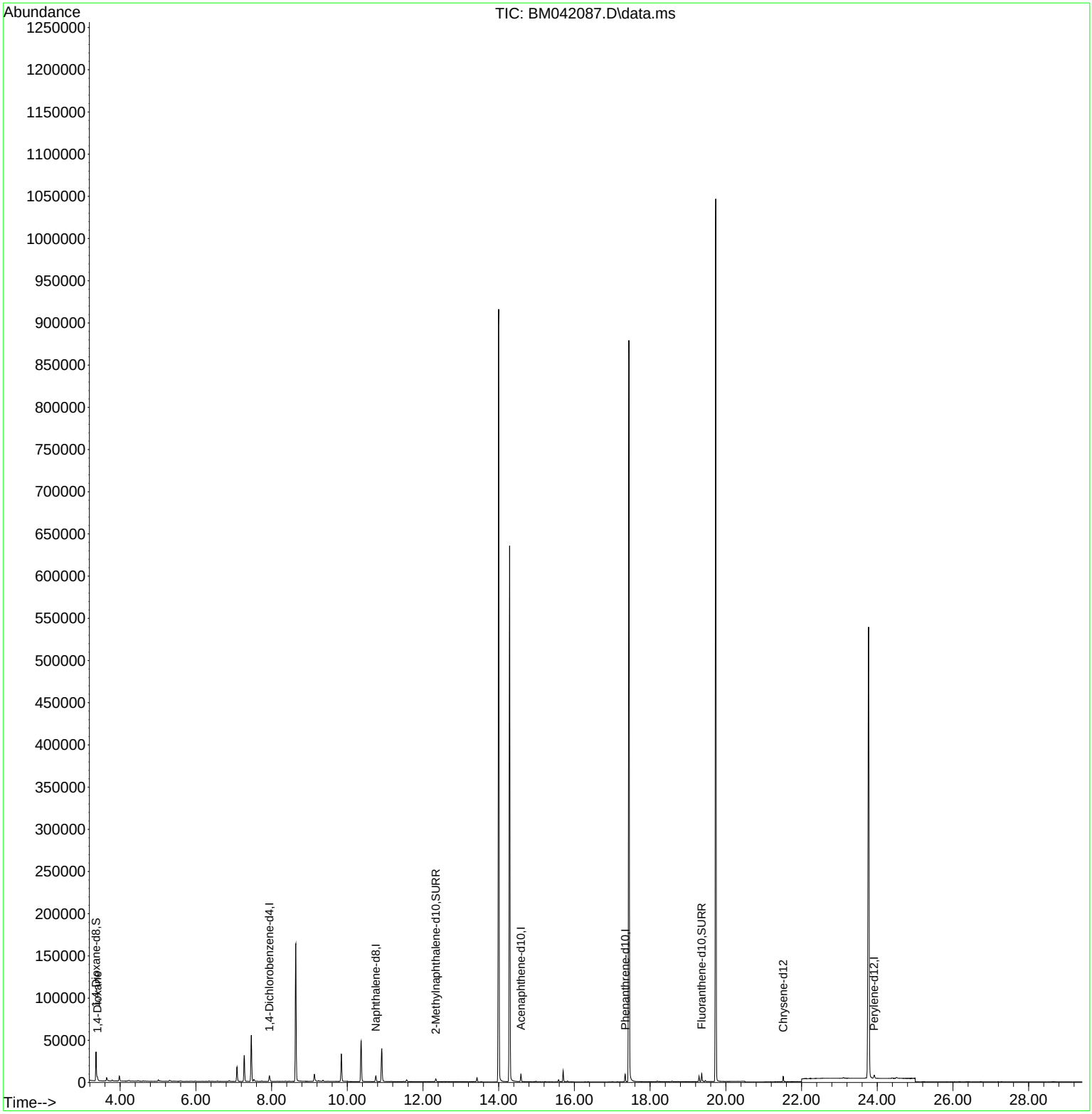

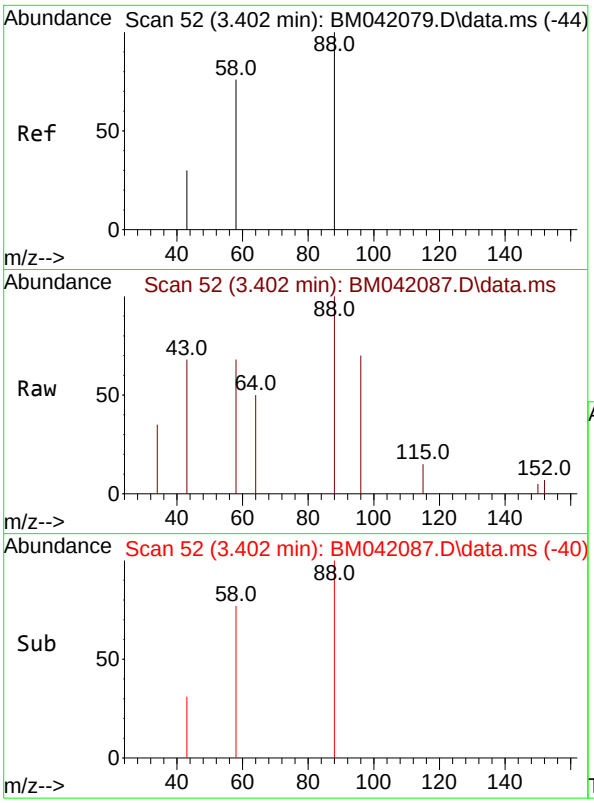


#2
1,4-Dioxane
Concen: 0.367 ng/ul
RT: 3.402 min Scan# 5
Delta R.T. -0.008 min
Lab File: BM042087.D
Acq: 27 Sep 2023 16:24

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Tgt Ion: 88 Resp: 1720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 68.5 | 42.9 | 64.3# |
| 58 | 68.5 | 56.4 | 84.6 |