Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
Data File : BM045448.D
Acq On : 21 Apr 2024 06:09
Operator : MA/JU
Sample : P2077-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Apr 22 01:28:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 21 05:11:22 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.563 | 152 | 963 | 0.400 | ng/ul | -0.02 |
| 4) Naphthalene-d8 | 10.325 | 136 | 2967 | 0.400 | ng/ul | #-0.05 |
| 9) Acenaphthene-d10 | 14.210 | 164 | 1644 | 0.400 | ng/ul | -0.02 |
| 13) Phenanthrene-d10 | 17.069 | 188 | 286380 | 0.400 | ng/ul | # 0.06 |
| 17) Chrysene-d12 | 21.210 | 240 | 1929 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.393 | 264 | 3009 | 0.400 | ng/ul | -0.03 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.167 | 96 | 4057 | 3.143 | ng/ul | -0.01 |
| 6) 2-Methylnaphthalene-d10 | 11.947 | 152 | 1283 | 0.328 | ng/ul | -0.03 |
| 18) Fluoranthene-d10 | 19.016 | 212 | 2708 | 0.446 | ng/ul | -0.03 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.205 | 88 | 40 | 0.032 | ng/ul# | 64 |
| 20) Pyrene | 19.378 | 202 | 582 | 0.064 | ng/ul# | 1 |
| 26) Benzo(a)pyrene | 23.235 | 252 | 1139 | 0.109 | ng/ul# | 65 |

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

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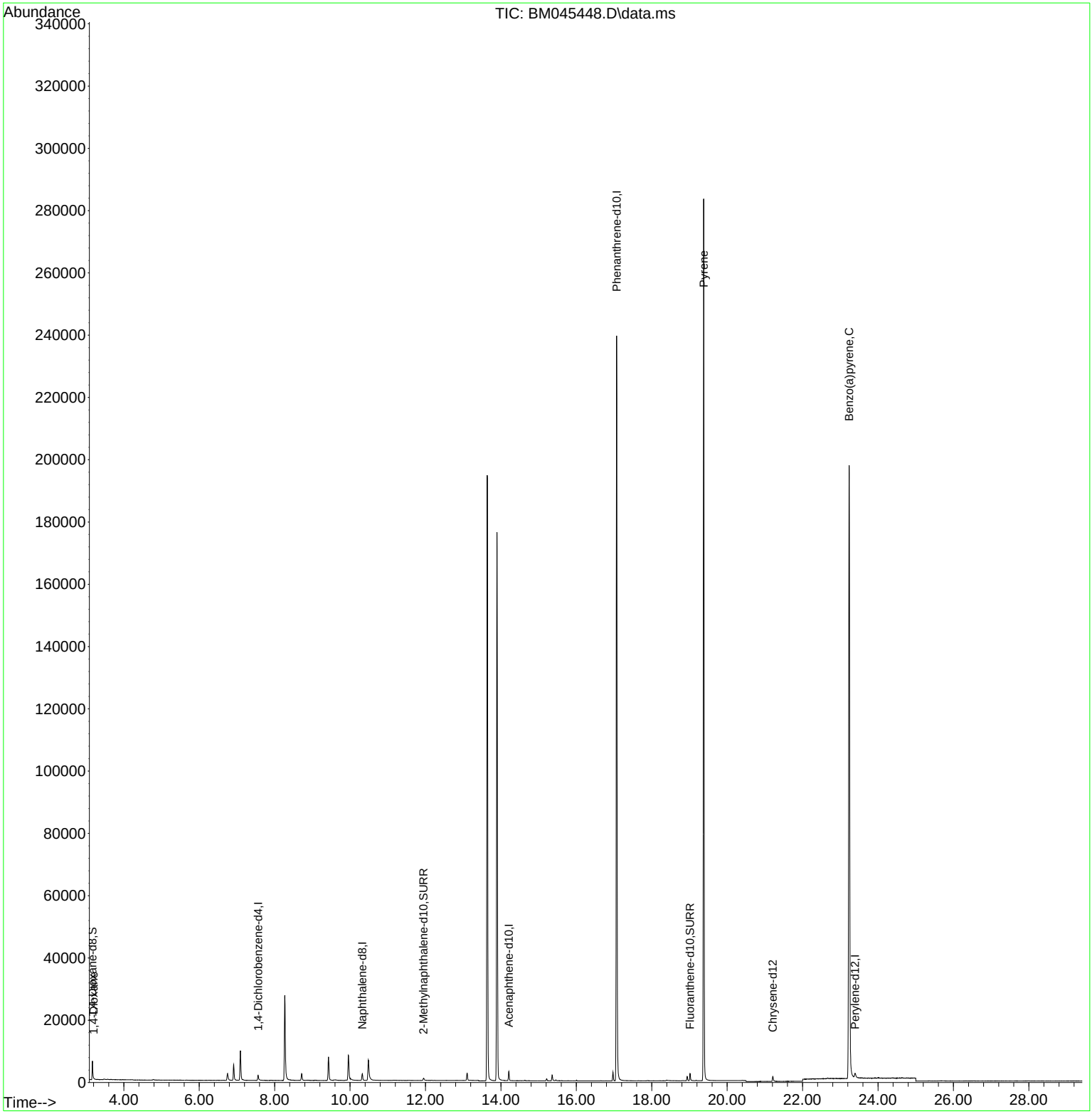
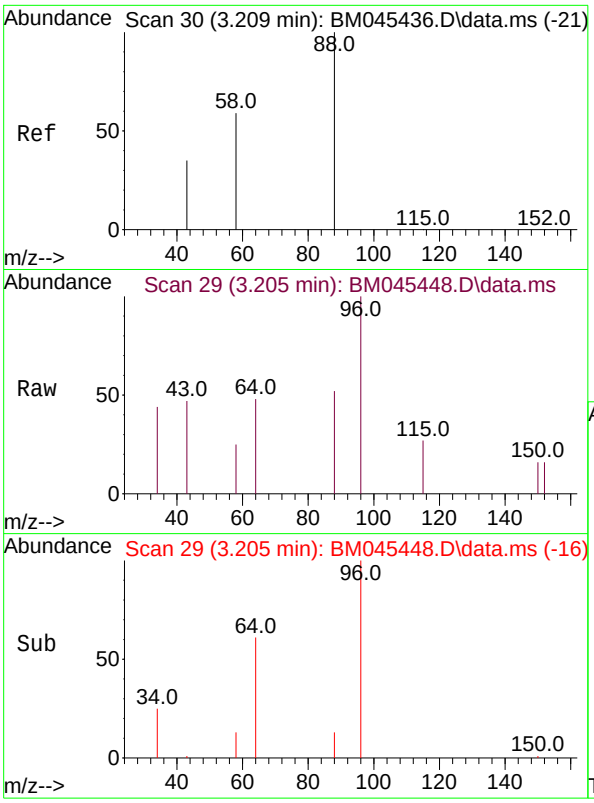


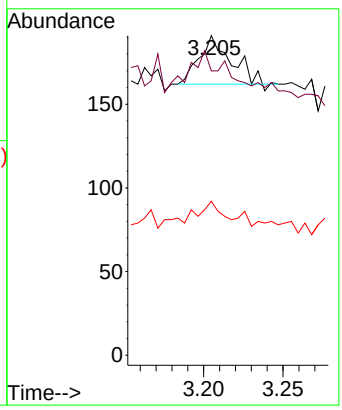


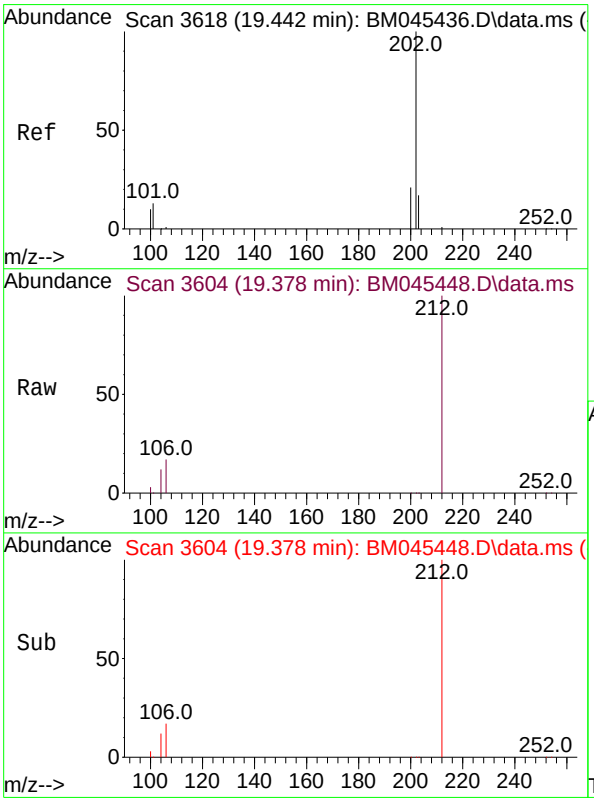

#2
1,4-Dioxane
Concen: 0.032 ng/ul
RT: 3.205 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM045448.D
Acq: 21 Apr 2024 06:09

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

Tgt Ion: 88 Resp: 40

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 89.0 | 36.8 | 55.2# |
| 58 | 48.2 | 35.4 | 53.2 |

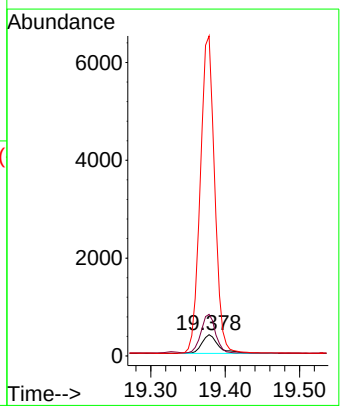


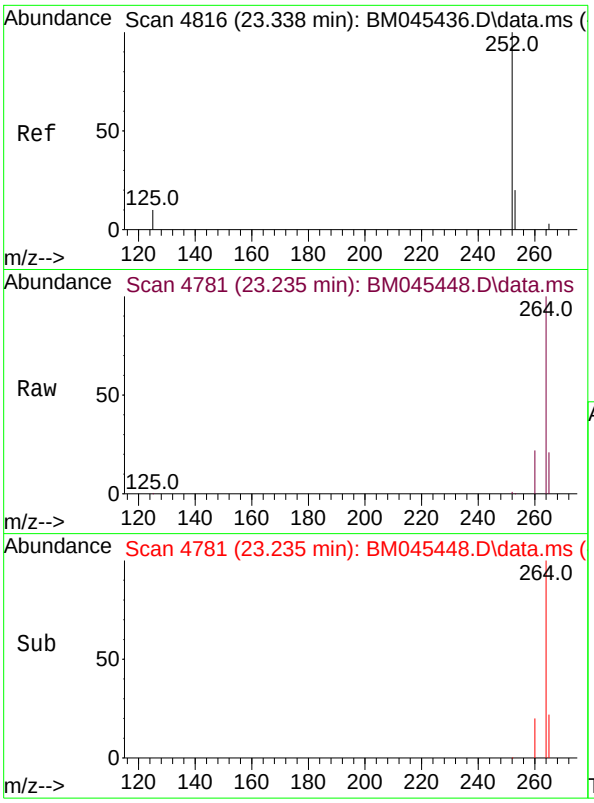




#20
Pyrene
Concen: 0.064 ng/ul
RT: 19.378 min Scan# 3604
Delta R.T. -0.064 min
Lab File: BM045448.D
Acq: 21 Apr 2024 06:09

Tgt Ion:202 Resp: 582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 195.9 | 11.5 | 17.3# |
| 100 | 1503.9 | 10.6 | 15.8# |






#26
Benzo(a)pyrene
Concen: 0.109 ng/ul
RT: 23.235 min Scan# 4
Delta R.T. -0.094 min
Lab File: BM045448.D
Acq: 21 Apr 2024 06:09

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

Tgt Ion:252 Resp: 1139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 59.1 | 31.6 | 47.4# |
| 125 | 44.6 | 19.5 | 29.3# |