Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033583.D
Acq On : 22 Dec 2021 19:53
Operator : CG/JU
Sample : M5034-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 23 00:37:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 12:43:31 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00V2

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.915 | 152 | 474 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.720 | 136 | 1207 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.557 | 164 | 759 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.302 | 188 | 1720 | 0.400 | ng/ul | -0.01 |
| 17) Chrysene-d12 | 21.492 | 240 | 2017 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.883 | 264 | 2358 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.330 | 96 | 1736 | 4.290 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.321 | 152 | 419 | 0.260 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.330 | 212 | 1391 | 0.298 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 15) Phenanthrene | 17.347 | 178 | 469 | 0.084 | ng/ul# | 79 |
| 19) Fluoranthene | 19.361 | 202 | 347 | 0.056 | ng/ul# | 43 |
| 20) Pyrene | 19.719 | 202 | 268 | 0.041 | ng/ul# | 14 |
| 22) Chrysene | 21.531 | 228 | 231m | 0.037 | ng/ul | |
| 24) Benzo(b)fluoranthene | 23.153 | 252 | 189m | 0.025 | ng/ul | |

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

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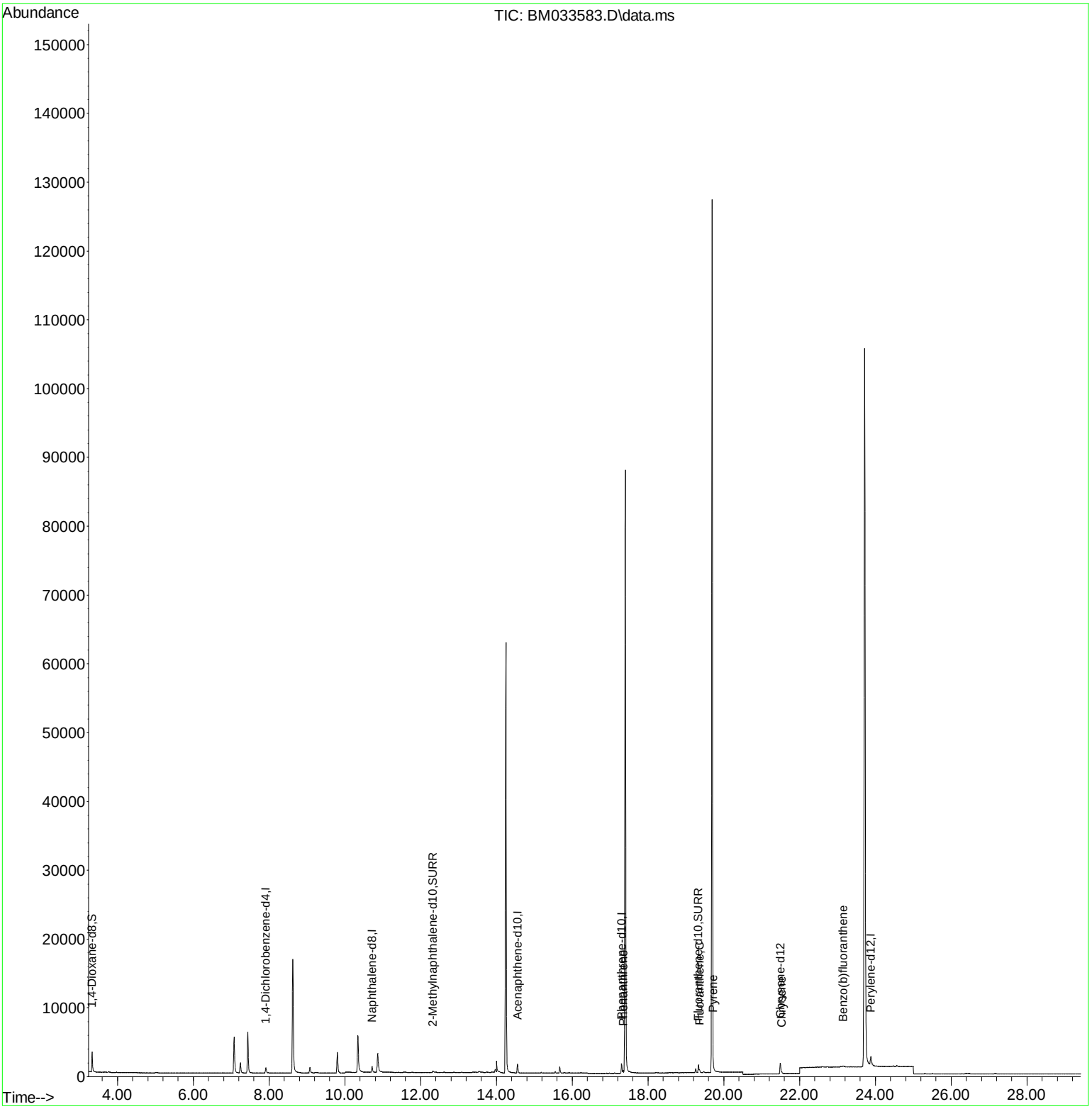
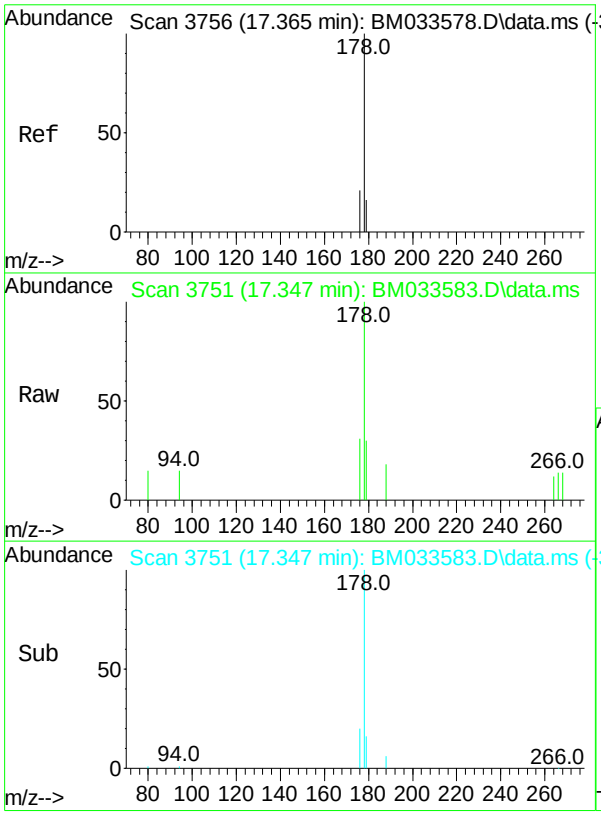
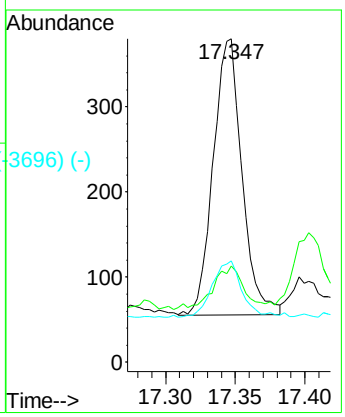





#15
Phenanthrene
Concen: 0.084 ng/ul
RT: 17.347 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM033583.D
Acq: 22 Dec 2021 19:53

Tgt Ion:178 Resp: 46

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 29.7 | 15.0 | 22.6 |
| 176 | 31.3 | 17.9 | 26.9 |

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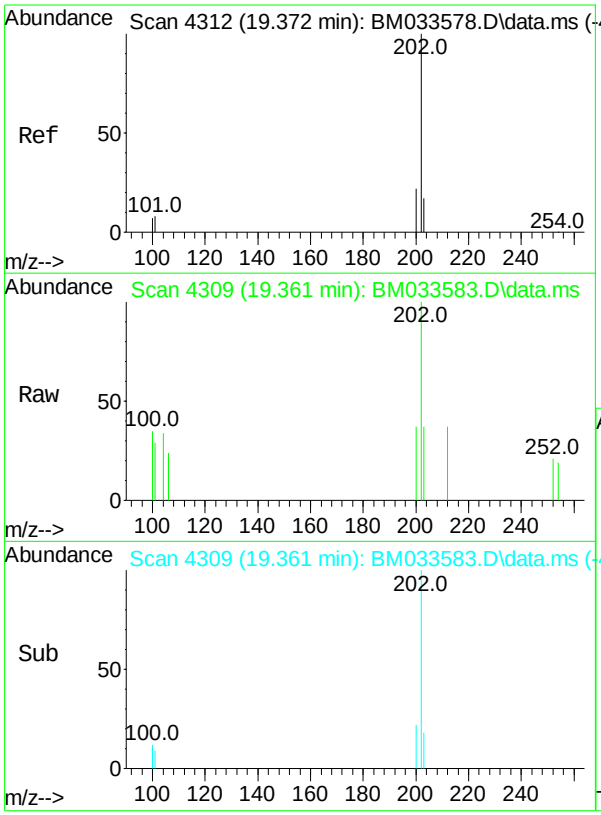
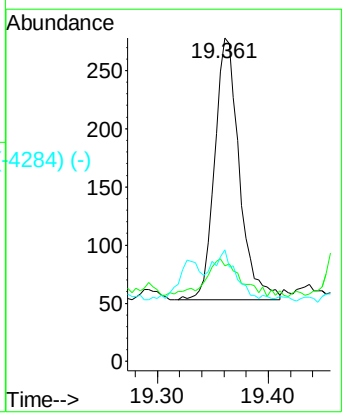
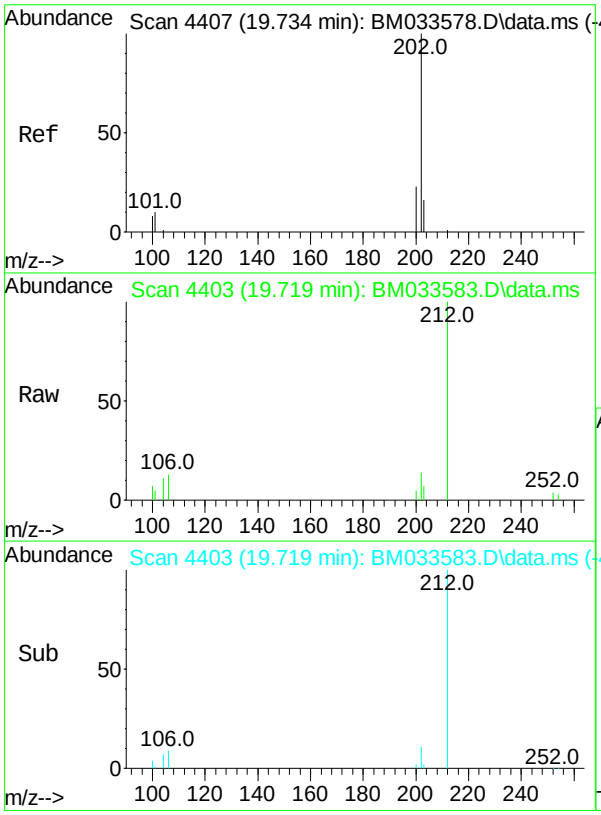



#19
Fluoranthene
Concen: 0.056 ng/ul
RT: 19.361 min Scan# 4309
Delta R.T. -0.004 min
Lab File: BM033583.D
Acq: 22 Dec 2021 19:53

Tgt Ion:202 Resp: 347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 29.5 | 9.2 | 13.8# |
| 100 | 34.5 | 7.2 | 10.8# |

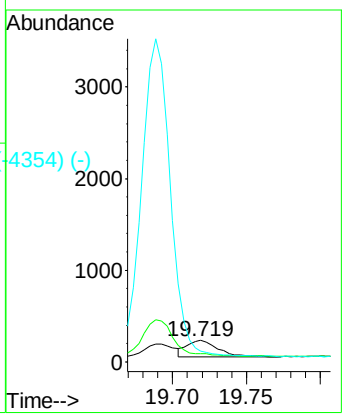





#20
Pyrene
Concen: 0.041 ng/ul
RT: 19.719 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM033583.D
Acq: 22 Dec 2021 19:53

Tgt Ion:202 Resp: 2

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 37.0 | 9.3 | 13.9 |
| 100 | 49.8 | 7.8 | 11.6 |

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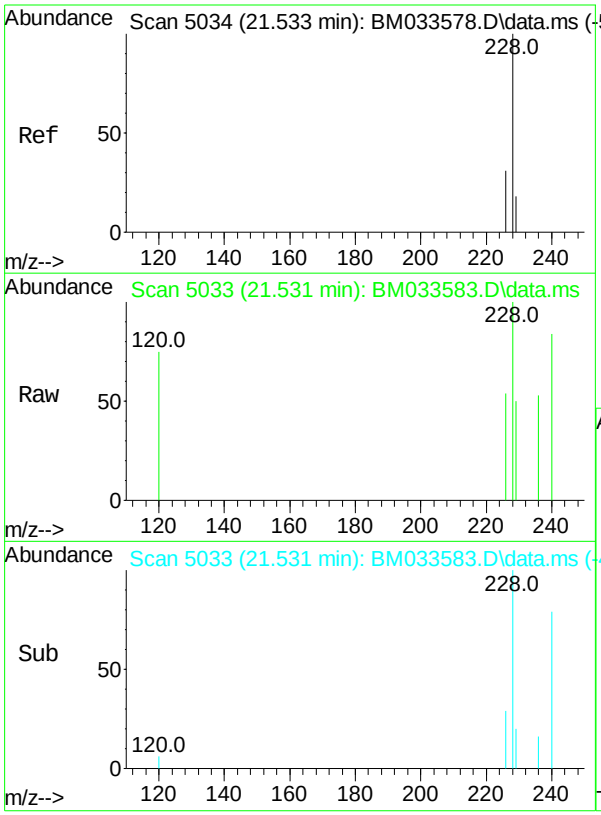
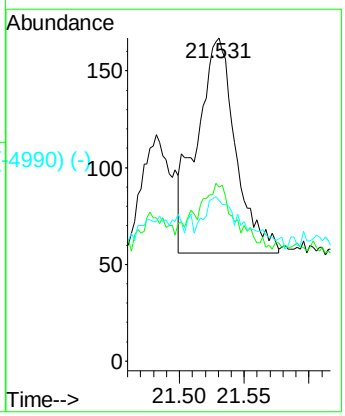
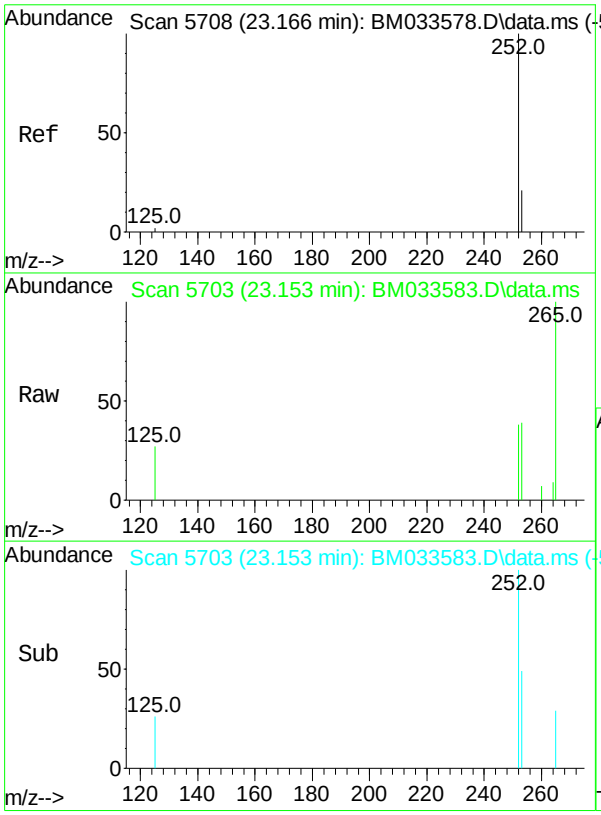



#22
Chrysene
Concen: 0.037 ng/ul m
RT: 21.531 min Scan# 5033
Delta R.T. 0.005 min
Lab File: BM033583.D
Acq: 22 Dec 2021 19:53

Tgt Ion:228 Resp: 231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 53.9 | 25.8 | 38.8# |
| 229 | 49.7 | 16.7 | 25.1# |

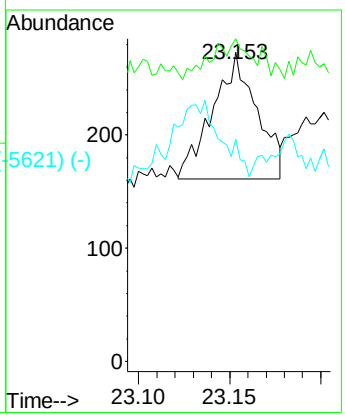





#24
Benzo(b)fluoranthene
Concen: 0.025 ng/ul m
RT: 23.153 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM033583.D
Acq: 22 Dec 2021 19:53

Tgt Ion:252 Resp: 18

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 104.4 | 0.0 | 64.2 |
| 125 | 71.8 | 0.0 | 28.8 |




**Instrument :**
BNA_M
**ClientSampleId :**
C00V2

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