Quantitation Report (Qedit)

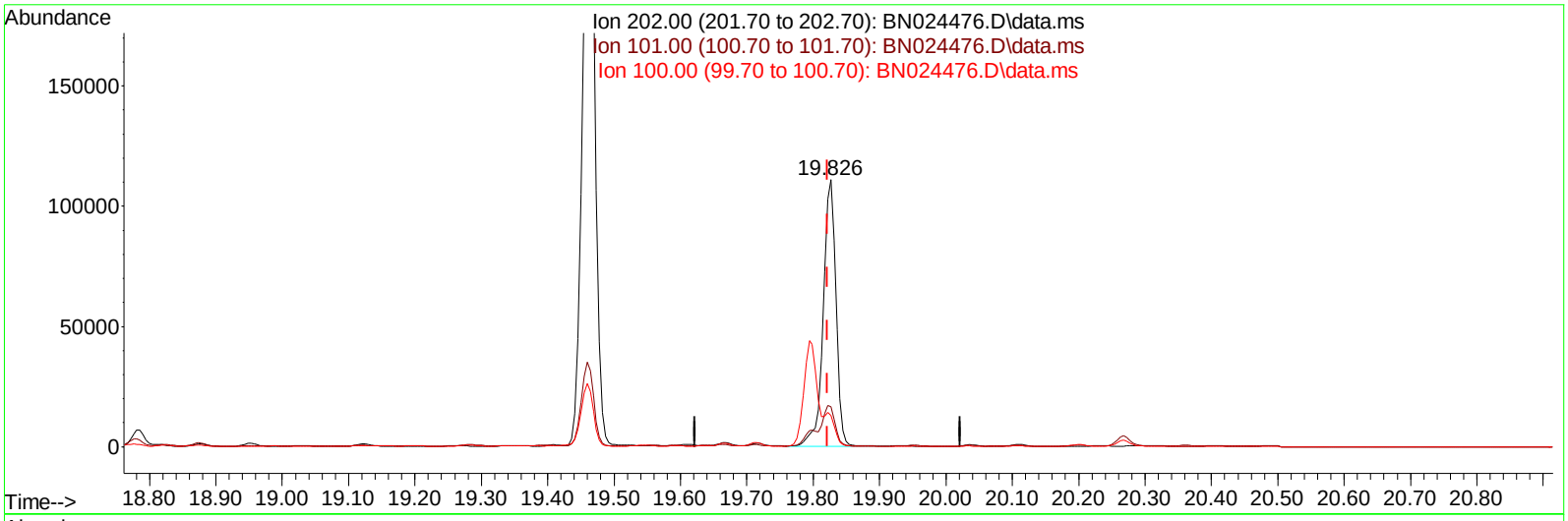
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024476.D
Acq On : 22 Mar 2023 10:52
Operator : CG/JU
Sample : 01810-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

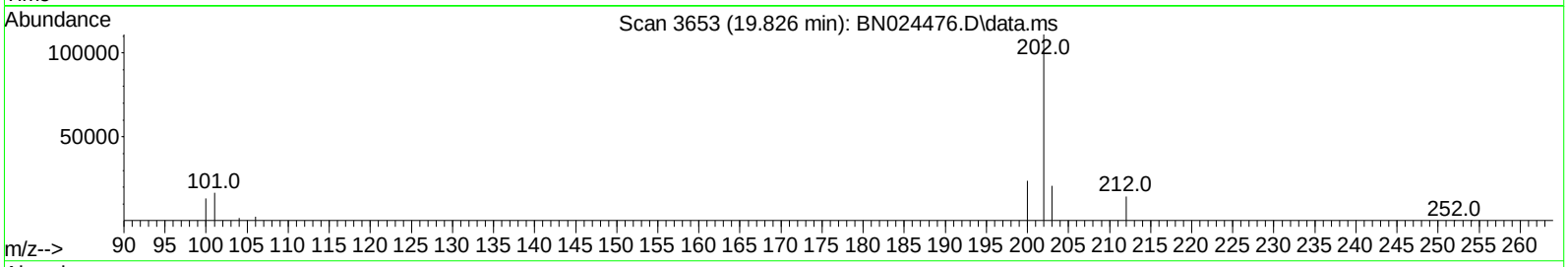
Quant Time: Mar 23 01:35:45 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 14:57:36 2023
Response via : Initial Calibration

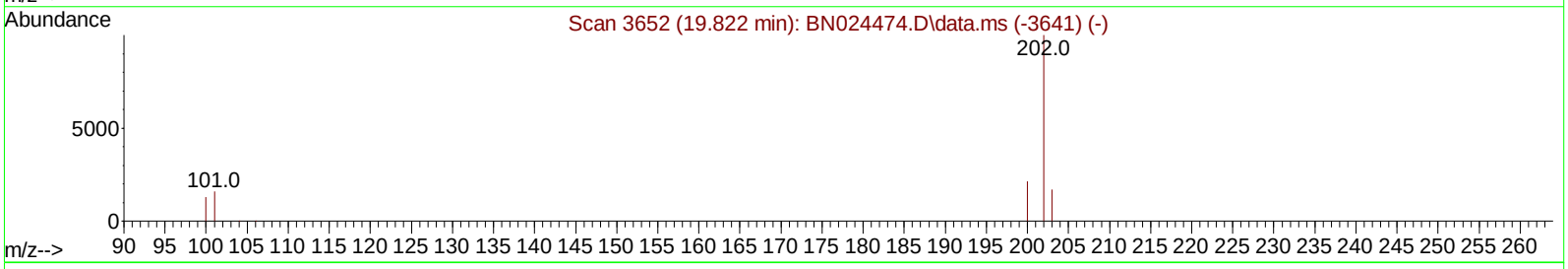
**Instrument :**
BNA_N
**ClientSampleId :**
DCAF9

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023




TIC: BN024476.D\data.ms

**(20) Pyrene**

**19.826min (+ 0.005) 1.26 ng/ul**

**response 146844**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.10 | 15.06 |
| 100.00 | 11.70 | 11.81 |
| 0.00 | 0.00 | 0.00 |

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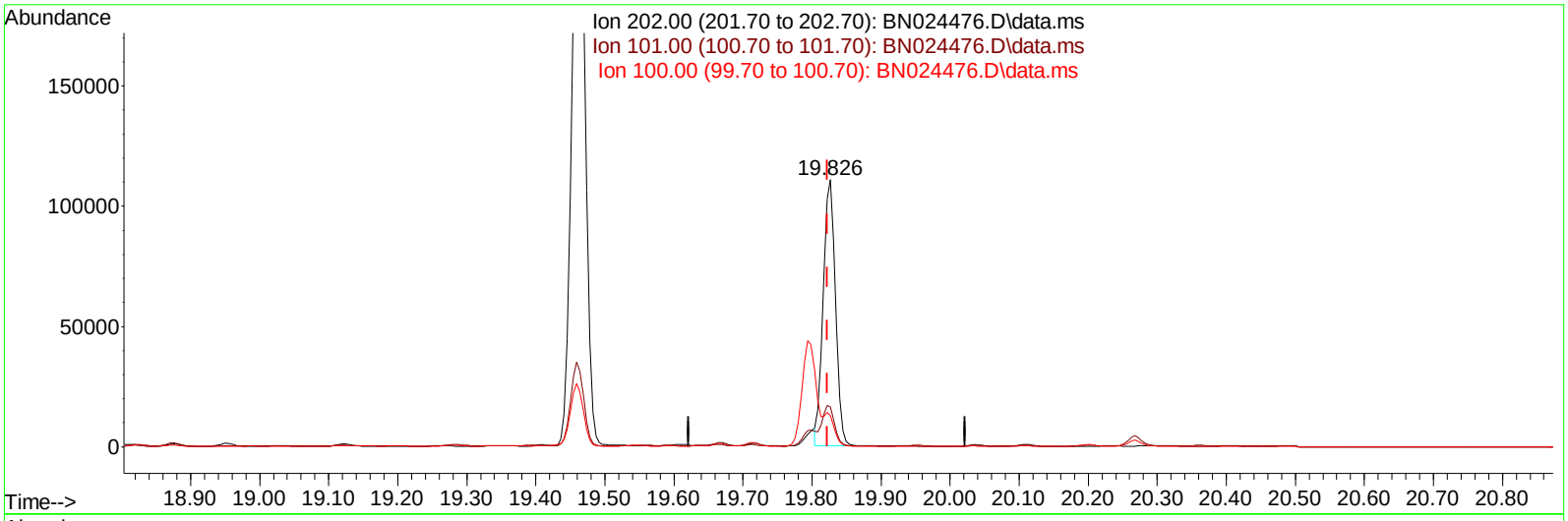


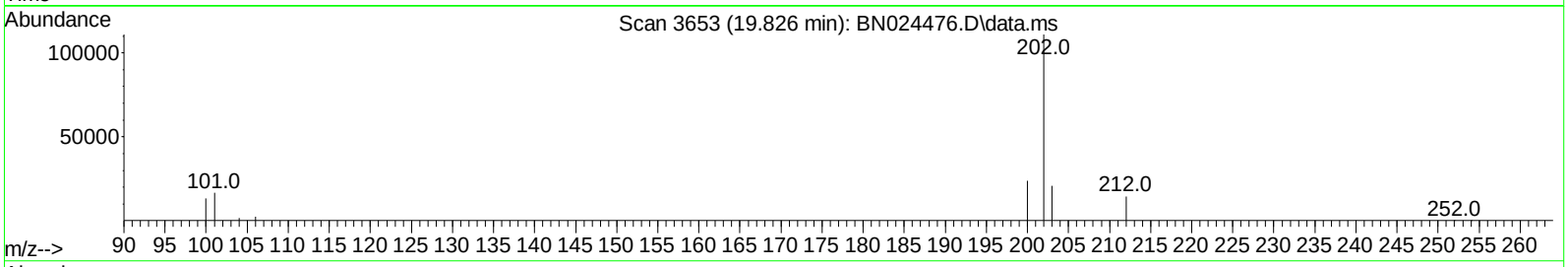


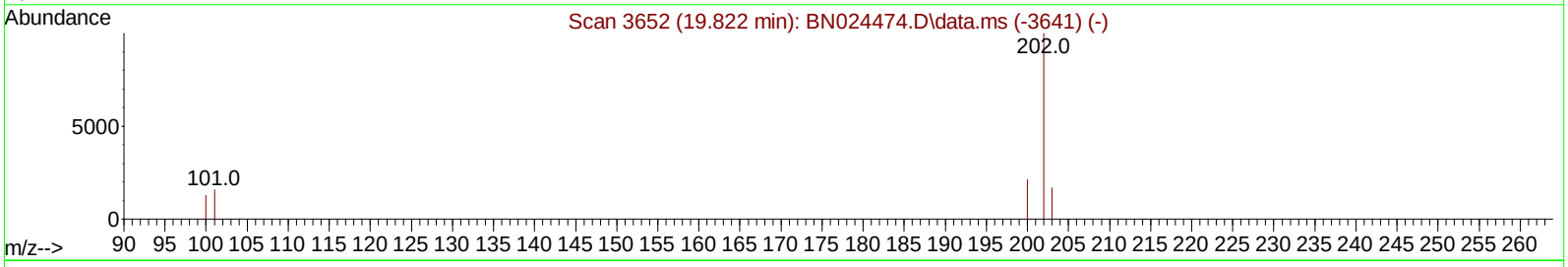


TIC: BN024476.D\data.ms

**(20) Pyrene**

**19.826min (+ 0.005) 1.20 ng/ul m**

**response 139377**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.10 | 15.06 |
| 100.00 | 11.70 | 11.81 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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**Instrument :**
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**Manual IntegrationsAPPROVED**

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Supervised By :Jagrut Upadhyay 03/23/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.029 | 152 | 11667 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.850 | 136 | 34965 | 0.400 | ng/ul | | 0.01 |
| 9) Acenaphthene-d10 | 14.666 | 164 | 25254 | 0.400 | ng/ul | # | 0.00 |
| 13) Phenanthrene-d10 | 17.409 | 188 | 40496 | 0.400 | ng/ul | | 0.00 |
| 17) Chrysene-d12 | 21.594 | 240 | 28825 | 0.400 | ng/ul | | 0.00 |
| 23) Perylene-d12 | 24.097 | 264 | 23954 | 0.400 | ng/ul | # | 0.02 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.393 | 96 | 59343 | 4.622 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.423 | 152 | 14681 | 0.353 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 19.431 | 212 | 35254 | 0.460 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 5) Naphthalene | 10.905 | 128 | 26508882 | 303.740 | ng/ul | # | 92 |
| 7) 2-Methylnaphthalene | 12.500 | 142 | 2482785 | 46.891 | ng/ul | | 99 |
| 8) 1-Methylnaphthalene | 12.720 | 142 | 4025467 | 72.343 | ng/ul | | 99 |
| 10) Acenaphthylene | 14.384 | 152 | 375104 | 3.560 | ng/ul | # | 97 |
| 11) Acenaphthene | 14.735 | 153 | 6499174 | 80.061 | ng/ul | | 96 |
| 12) Fluorene | 15.716 | 166 | 3893843 | 42.954 | ng/ul | | 99 |
| 14) Pentachlorophenol | 17.059 | 266 | 107713 | 9.576 | ng/ul | # | 73 |
| 15) Phenanthrene | 17.451 | 178 | 3416500 | 29.456 | ng/ul | | 99 |
| 16) Anthracene | 17.544 | 178 | 306506 | 3.012 | ng/ul | | 99 |
| 19) Fluoranthene | 19.459 | 202 | 343638 | 2.995 | ng/ul | | 98 |
| 20) Pyrene | 19.826 | 202 | 139377m | 1.198 | ng/ul | | |

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

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