Quantitation Report (Qedit)

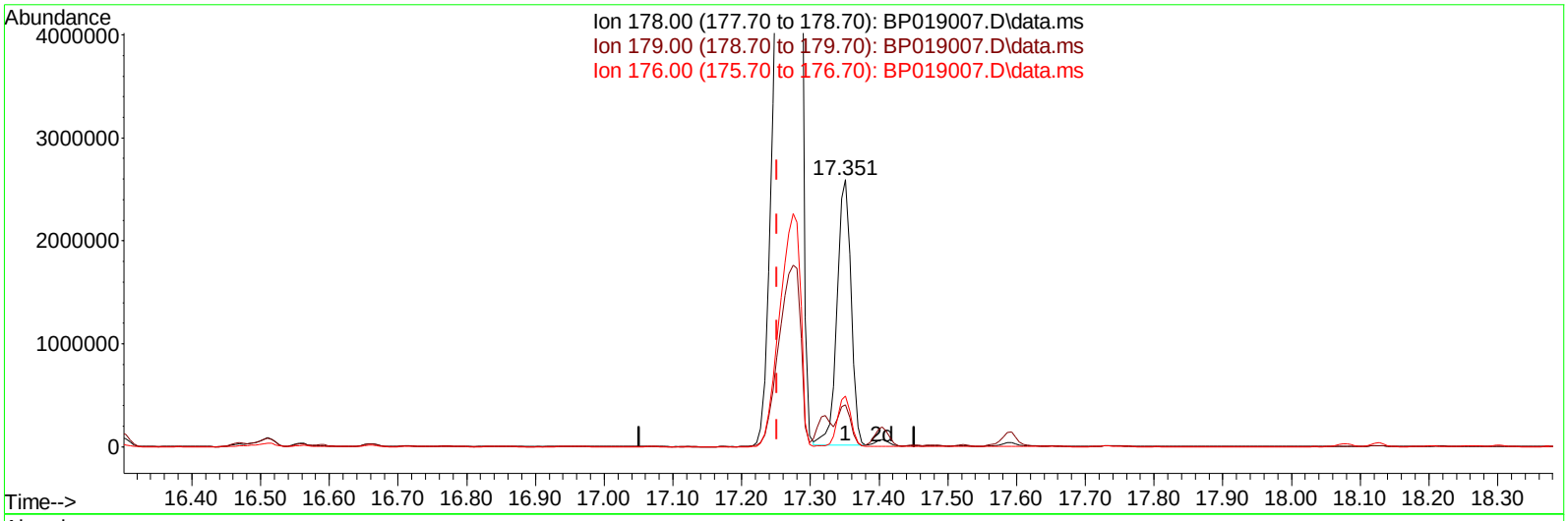
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019007.D
Acq On : 21 Dec 2023 19:39
Operator : MA/JU
Sample : 05626-10ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

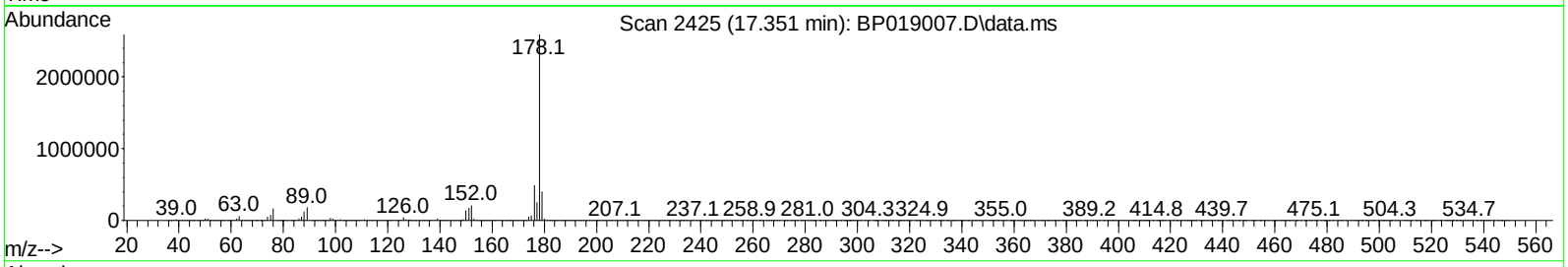
Quant Time: Dec 22 08:48:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 04:46:12 2023
Response via : Initial Calibration

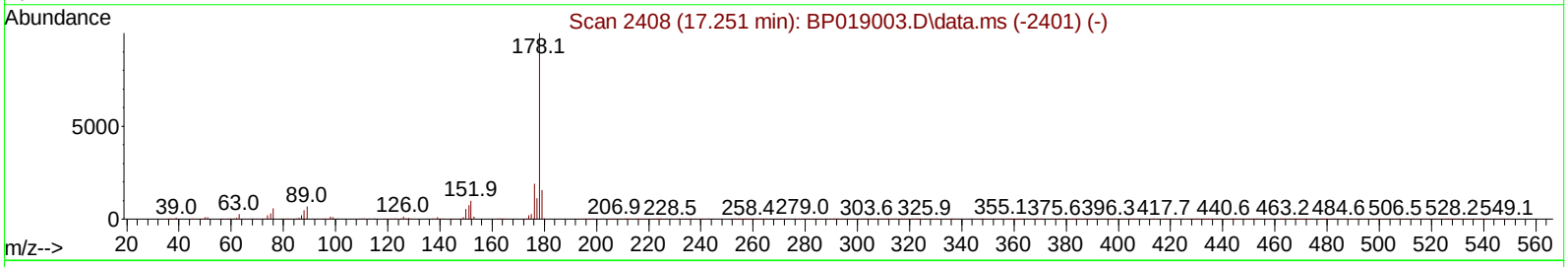
**Instrument :**
BNA_P
**ClientSampleId :**
DCLF6ME

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023




TIC: BP019007.D\data.ms

**(72) Phenanthrene**

**17.351min (+ 0.100) 79.65 ng/ul**

**response 3620641**

| Ion | Exp% | Act% |
|---|---|---|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.40 | 15.61 |
| 176.00 | 19.30 | 18.98 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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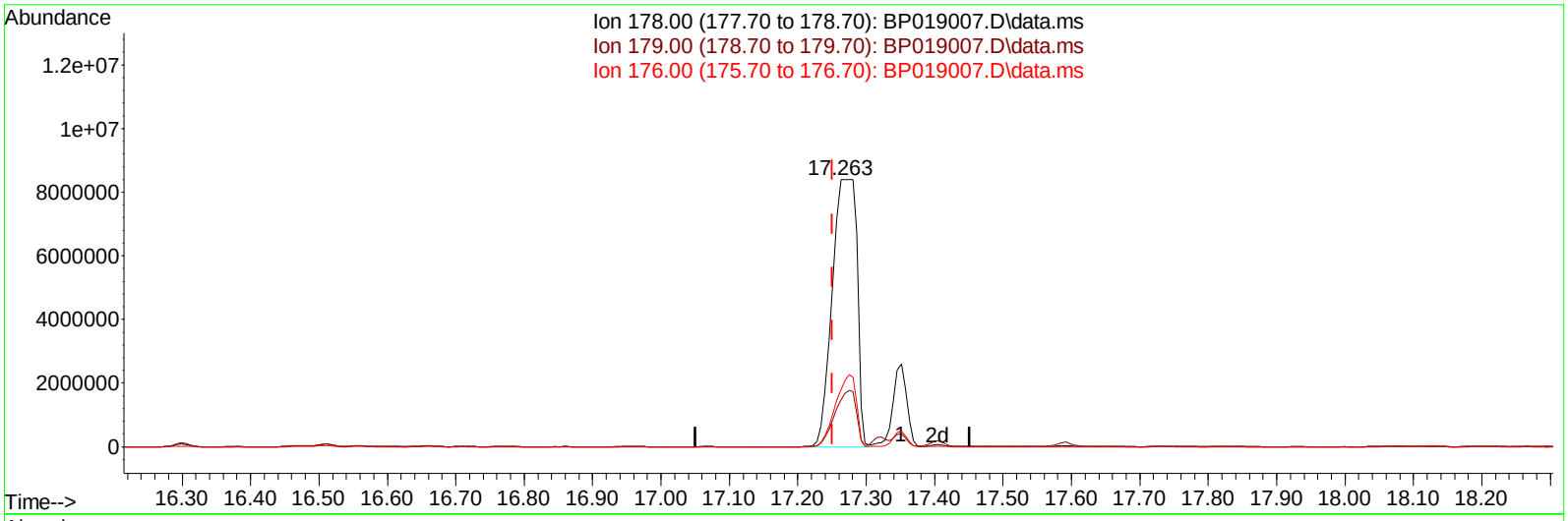


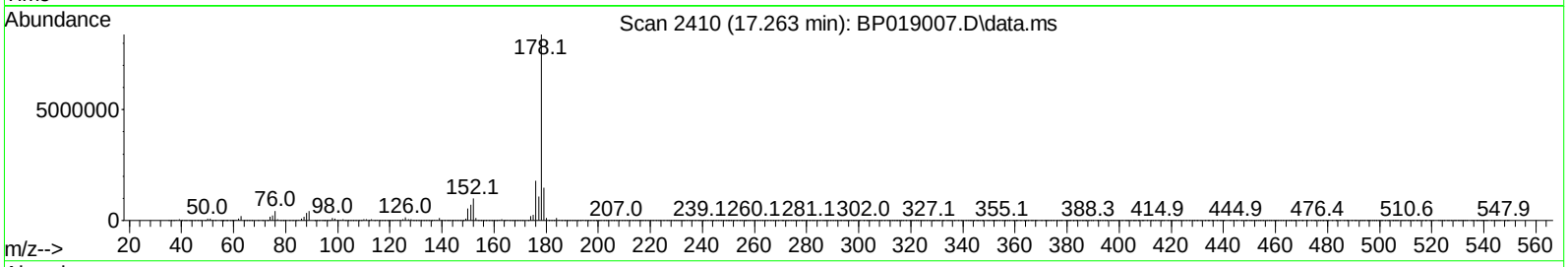


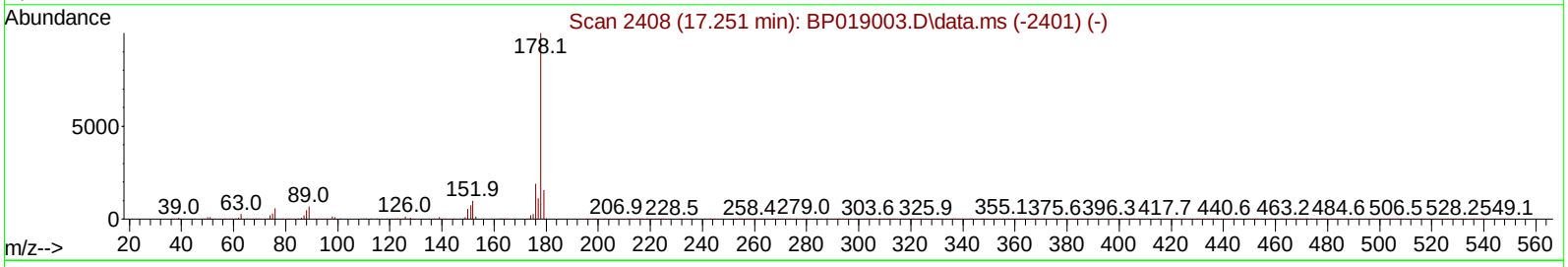


TIC: BP019007.D\data.ms

**(72) Phenanthrene**

**17.263min (+ 0.012) 464.97 ng/ul m**

**response 21135802**

| Ion | Exp% | Act% |
|---|---|---|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.40 | 17.52 |
| 176.00 | 19.30 | 21.35 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Data File : BP019007.D
Acq On : 21 Dec 2023 19:39
Operator : MA/JU
Sample : 05626-10ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 22 23:27:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 04:46:12 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
DCLF6ME

**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.822 | 152 | 130360 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.616 | 136 | 502753 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.457 | 164 | 339712 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.216 | 188 | 752645 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.304 | 240 | 801176 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 23.657 | 264 | 972490 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.252 | 96 | 3194 | 0.835 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 6.999 | 99 | 59288 | 4.532 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.158 | 67 | 40272 | 5.194 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.352 | 132 | 50547 | 4.952 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.534 | 113 | 35419 | 3.345 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.981 | 128 | 27445 | 6.133 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.705 | 143 | 29377 | 6.332 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.246 | 165 | 56791 | 5.987 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.763 | 131 | 54129 | 4.366 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.875 | 166 | 217908 | 7.187 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.145 | 160 | 222489 | 6.664 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.681 | 143 | 25968 | 5.218 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.451 | 176 | 192667 | 7.570 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.592 | 200 | 26799 | 5.938 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 17.316 | 188 | 290181 | 7.334 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.545 | 212 | 252099 | 4.042 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.504 | 264 | 164806 | 2.906 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 30) Naphthalene | 10.675 | 128 | 6218517 | 203.893 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.281 | 142 | 3593457 | 166.312 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.499 | 142 | 1843171 | 84.471 | ng/ul | 99 |
| 50) Acenaphthylene | 14.175 | 152 | 139061 | 3.705 | ng/ul# | 88 |
| 52) Acenaphthene | 14.534 | 153 | 6675208 | 268.960 | ng/ul | 99 |
| 61) Fluorene | 15.516 | 166 | 6954326 | 254.790 | ng/ul | 99 |
| 72) Phenanthrene | 17.263 | 178 | 21135802m | 464.970 | ng/ul | |
| 74) Anthracene | 17.351 | 178 | 3620641 | 79.463 | ng/ul | 100 |
| 80) Fluoranthene | 19.233 | 202 | 14697867 | 199.379 | ng/ul# | 91 |
| 82) Pyrene | 19.580 | 202 | 6884301 | 92.570 | ng/ul# | 90 |
| 85) Benzo(a)anthracene | 21.286 | 228 | 3145436 | 48.369 | ng/ul | 99 |
| 87) Chrysene | 21.339 | 228 | 2458789 | 41.058 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 22.939 | 252 | 1636811 | 22.828 | ng/ul | 97 |
| 91) Benzo(k)fluoranthene | 22.986 | 252 | 521532 | 7.517 | ng/ul | 97 |
| 93) Benzo(a)pyrene | 23.551 | 252 | 270079 | 4.122 | ng/ul# | 95 |
| 94) Indeno(1,2,3-cd)pyrene | 26.098 | 276 | 138747 | 1.772 | ng/ul# | 93 |
| 95) Dibenzo(a,h)anthracene | 26.121 | 278 | 79579 | 1.222 | ng/ul | 95 |

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

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