Quantitation Report (Qedit)

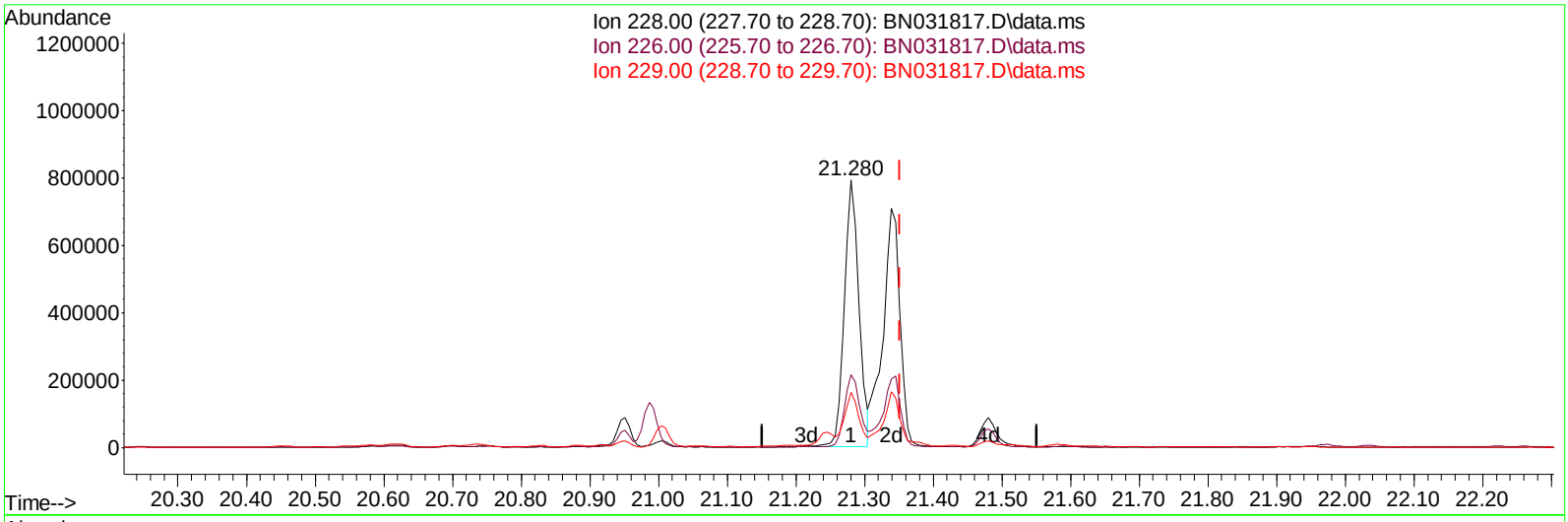
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031817.D
Acq On : 06 Jun 2024 13:55
Operator : MA/JU
Sample : P2634-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

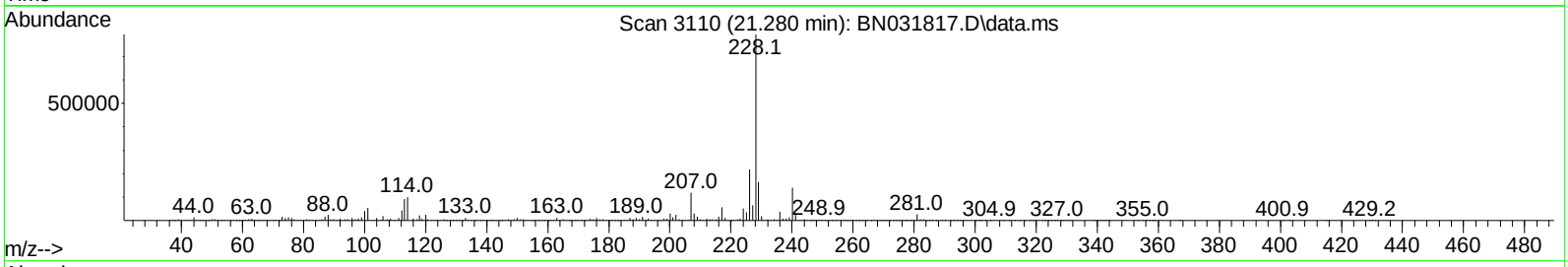
Quant Time: Jun 06 14:34:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

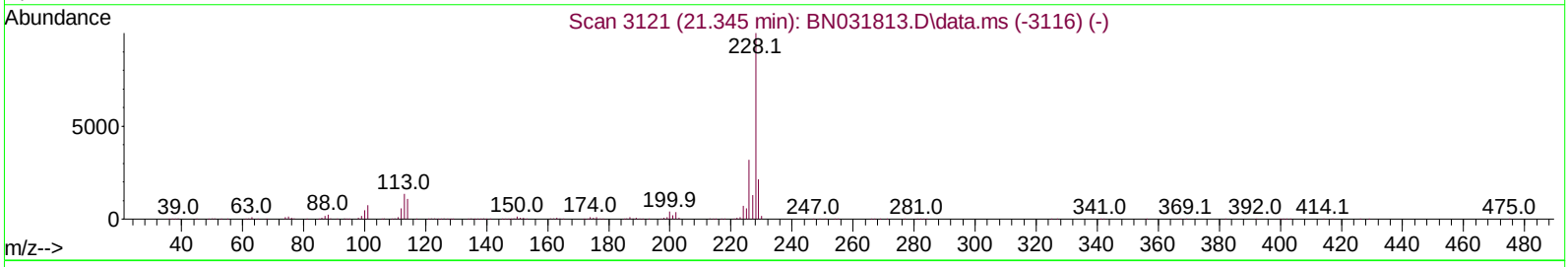
**Instrument :**
BNA_N
**ClientSampleId :**
BHBY4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024




TIC: BN031817.D\data.ms

**(87) Chrysene**

**21.280min (-0.071) 12.87 ng/ul**

**response 1162349**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 29.60 | 27.32 |
| 229.00 | 18.90 | 20.68 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_N
**ClientSampleId :**
BHBY4

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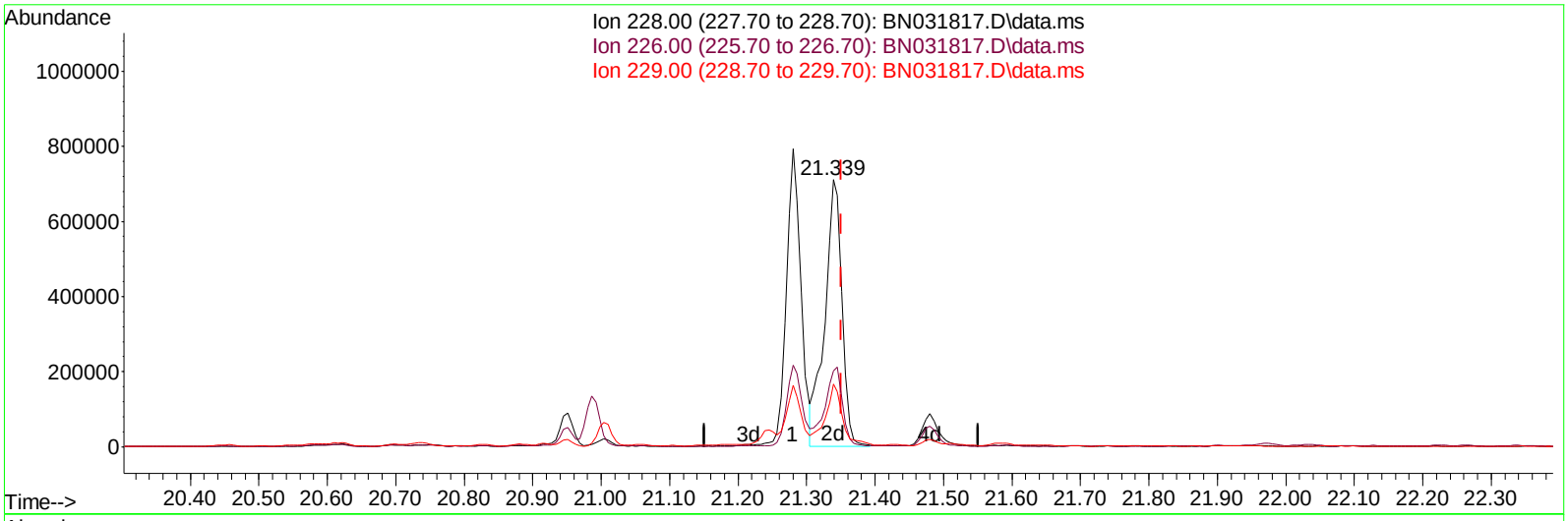
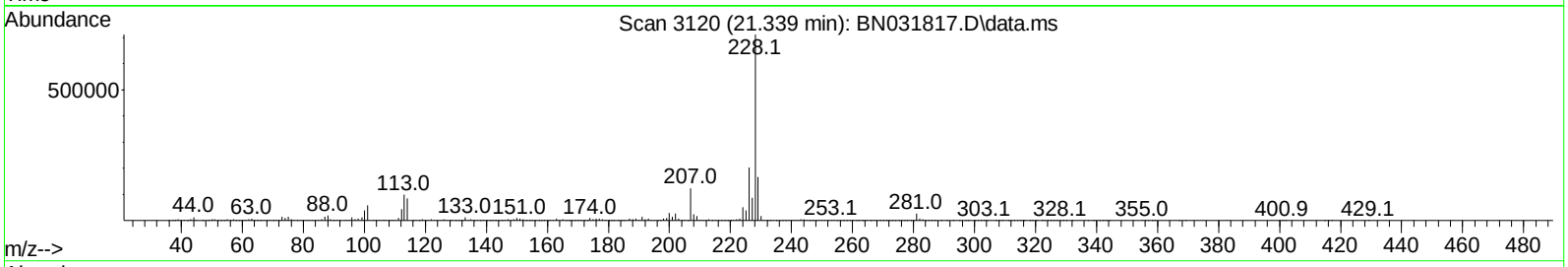
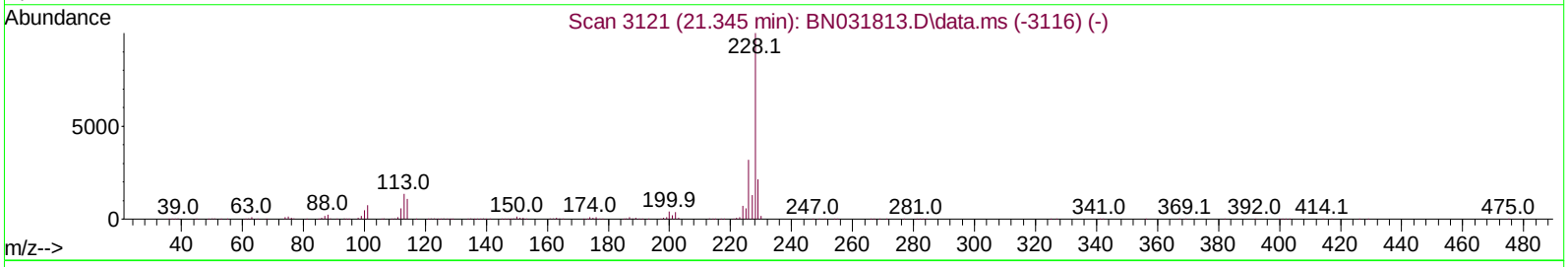
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024




TIC: BN031817.D\data.ms

**(87) Chrysene**

**21.339min (-0.012) 13.82 ng/ul m**

**response 1247551**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 29.60 | 28.54 |
| 229.00 | 18.90 | 23.40# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

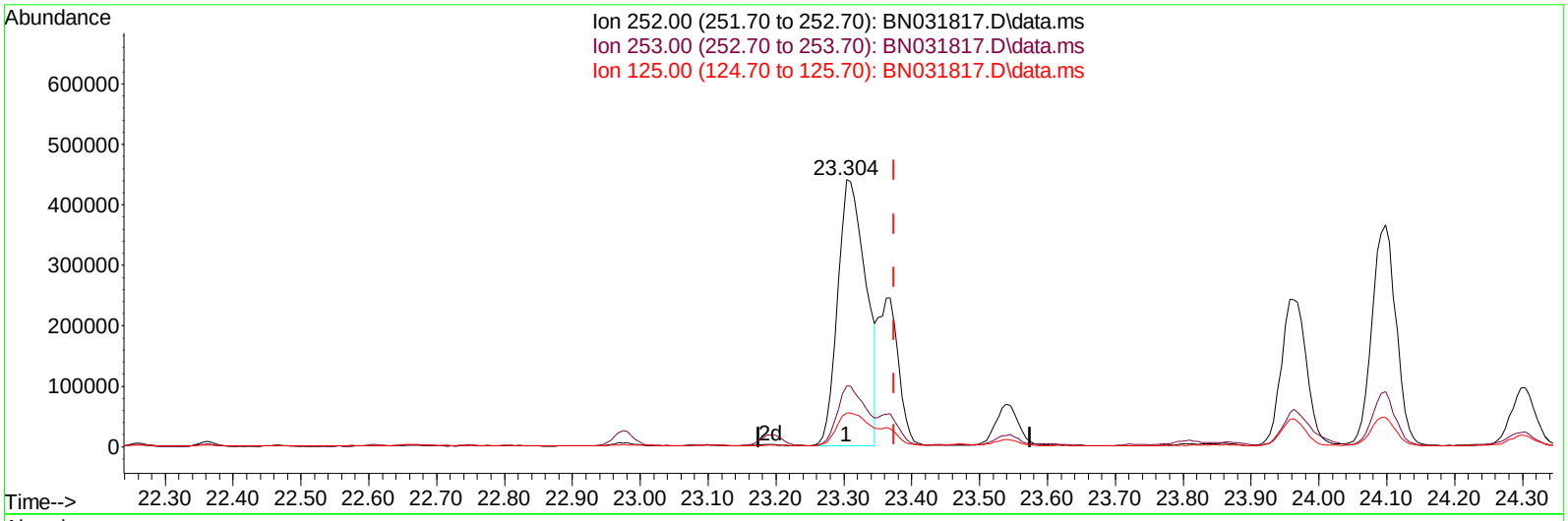
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031817.D
Acq On : 06 Jun 2024 13:55
Operator : MA/JU
Sample : P2634-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

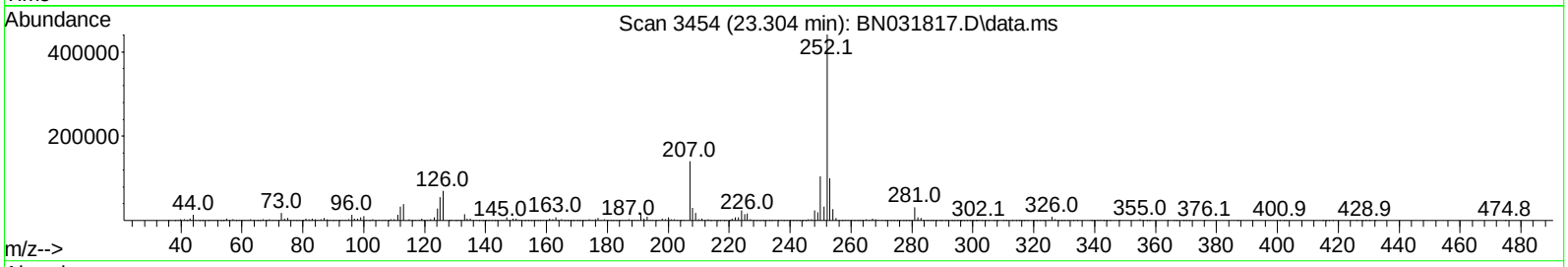
Quant Time: Jun 06 14:34:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

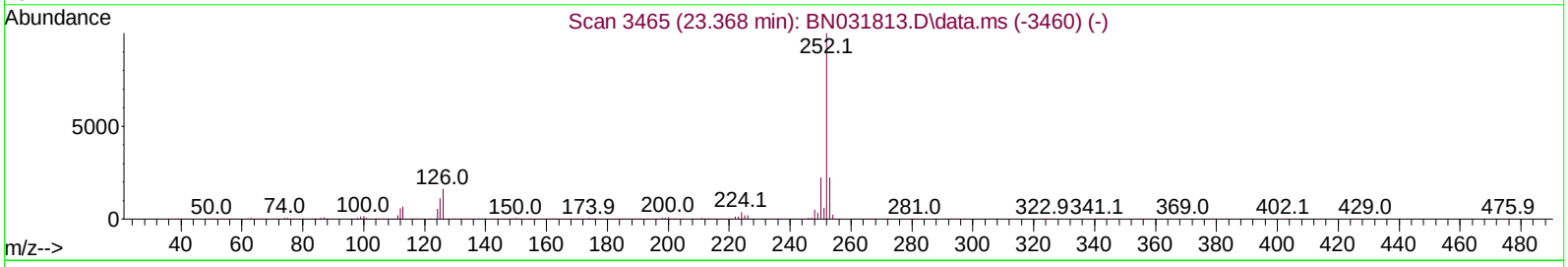
**Instrument :**
BNA_N
**ClientSampleId :**
BHBY4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024




TIC: BN031817.D\data.ms

**(91) Benzo(k)fluoranthene**

**23.304min (-0.071) 17.71 ng/ul**

**response 1273538**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.00 | 22.85 |
| 125.00 | 11.80 | 12.67 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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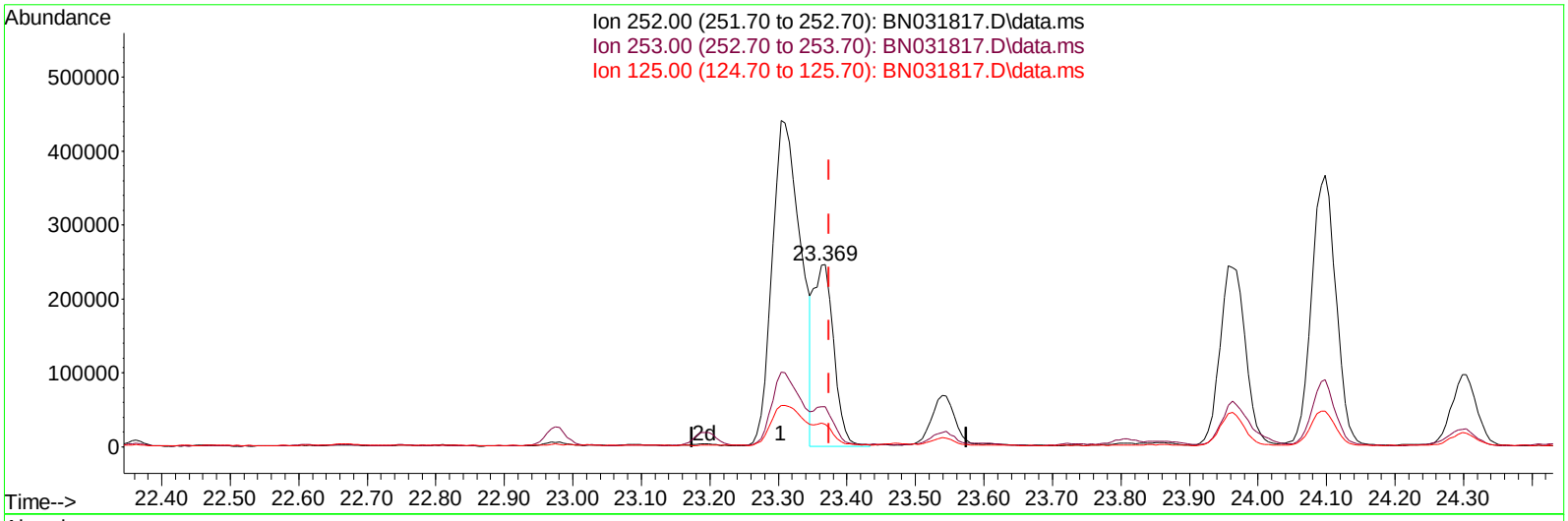
Acq On : 06 Jun 2024 13:55
Operator : MA/JU
Sample : P2634-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

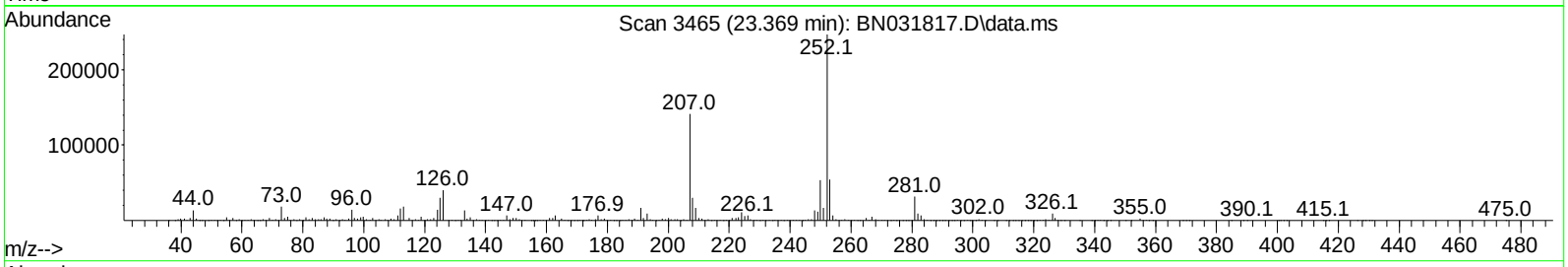
Quant Time: Jun 06 14:34:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

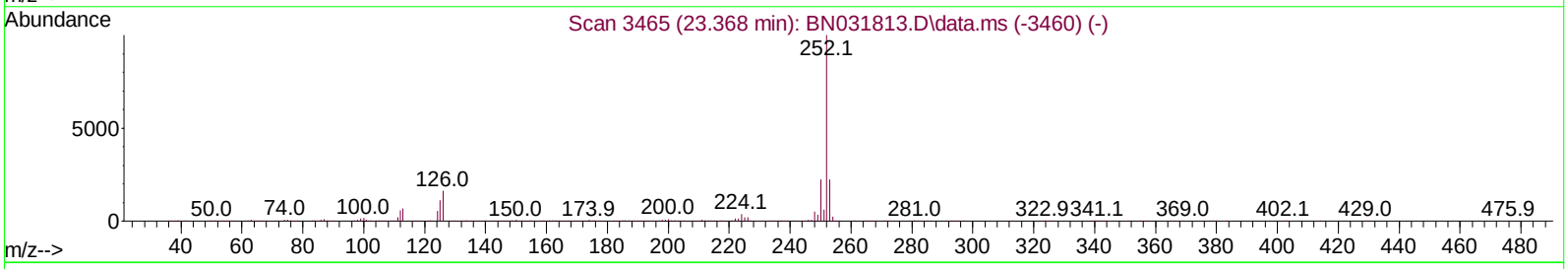
**Instrument :**
BNA_N
**ClientSampleId :**
BHBY4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024




TIC: BN031817.D\data.ms

**(91) Benzo(k)fluoranthene**

**23.369min (-0.006) 7.02 ng/ul m**

**response 505054**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.00 | 22.04 |
| 125.00 | 11.80 | 12.16 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031817.D
Acq On : 06 Jun 2024 13:55
Operator : MA/JU
Sample : P2634-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 06 14:36:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
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**Instrument :**
BNA_N
**ClientSampleId :**
BHBY4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.669 | 152 | 314480 | 20.000 | ng/ul | -0.02 |
| 20) Naphthalene-d8 | 10.457 | 136 | 1321233 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.316 | 164 | 806292 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.063 | 188 | 1644039 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.298 | 240 | 1444021 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.233 | 264 | 1226279 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.187 | 96 | 44196 | 5.814 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.587 | 84 | 552403 | 25.815 | ng/ul | -0.01 |
| 7) Phenol-d5 | 6.846 | 99 | 798139 | 29.605 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.011 | 67 | 460008 | 29.171 | ng/ul | -0.02 |
| 11) 2-Chlorophenol-d4 | 7.205 | 132 | 647534 | 31.478 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.375 | 113 | 607760 | 27.655 | ng/ul | -0.01 |
| 21) Nitrobenzene-d5 | 8.828 | 128 | 324644 | 32.136 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.546 | 143 | 339606 | 32.544 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.075 | 165 | 587519 | 30.157 | ng/ul | -0.01 |
| 31) 4-Chloroaniline-d4 | 10.593 | 131 | 790398 | 27.325 | ng/ul | -0.02 |
| 46) Dimethylphthalate-d6 | 13.728 | 166 | 1701194 | 30.286 | ng/ul | -0.02 |
| 49) Acenaphthylene-d8 | 14.004 | 160 | 2059504 | 31.887 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 14.522 | 143 | 306997 | 27.297 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.310 | 176 | 1506025 | 31.687 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.440 | 200 | 217454 | 26.314 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.163 | 188 | 2270126 | 32.253 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.463 | 212 | 2662928 | 34.461 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.033 | 264 | 1881840 | 32.138 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 50) Acenaphthylene | 14.034 | 152 | 83289 | 1.141 | ng/ul | 98 |
| 52) Acenaphthene | 14.381 | 153 | 73052 | 1.513 | ng/ul | 97 |
| 61) Fluorene | 15.369 | 166 | 59073 | 1.118 | ng/ul | 96 |
| 72) Phenanthrene | 17.104 | 178 | 1343818 | 16.046 | ng/ul | 99 |
| 74) Anthracene | 17.198 | 178 | 234341 | 2.761 | ng/ul | 100 |
| 77) Carbazole | 17.469 | 167 | 131386 | 1.816 | ng/ul | 96 |
| 80) Fluoranthene | 19.128 | 202 | 2961821 | 32.072 | ng/ul | 100 |
| 82) Pyrene | 19.492 | 202 | 2716412 | 28.669 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.280 | 228 | 1163391 | 12.037 | ng/ul | 99 |
| 87) Chrysene | 21.339 | 228 | 1247551m | 13.818 | ng/ul | |
| 90) Benzo(b)fluoranthene | 23.304 | 252 | 1273538 | 17.375 | ng/ul | 97 |
| 91) Benzo(k)fluoranthene | 23.369 | 252 | 505054m | 7.022 | ng/ul | |
| 93) Benzo(a)pyrene | 24.098 | 252 | 908771 | 13.238 | ng/ul | 94 |
| 94) Indeno(1,2,3-cd)pyrene | 27.533 | 276 | 635534 | 8.034 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 27.568 | 278 | 143635 | 2.224 | ng/ul# | 91 |
| 96) Benzo(g,h,i)perylene | 28.568 | 276 | 620518 | 9.868 | ng/ul | 97 |

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

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