Quantitation Report (Qedit)

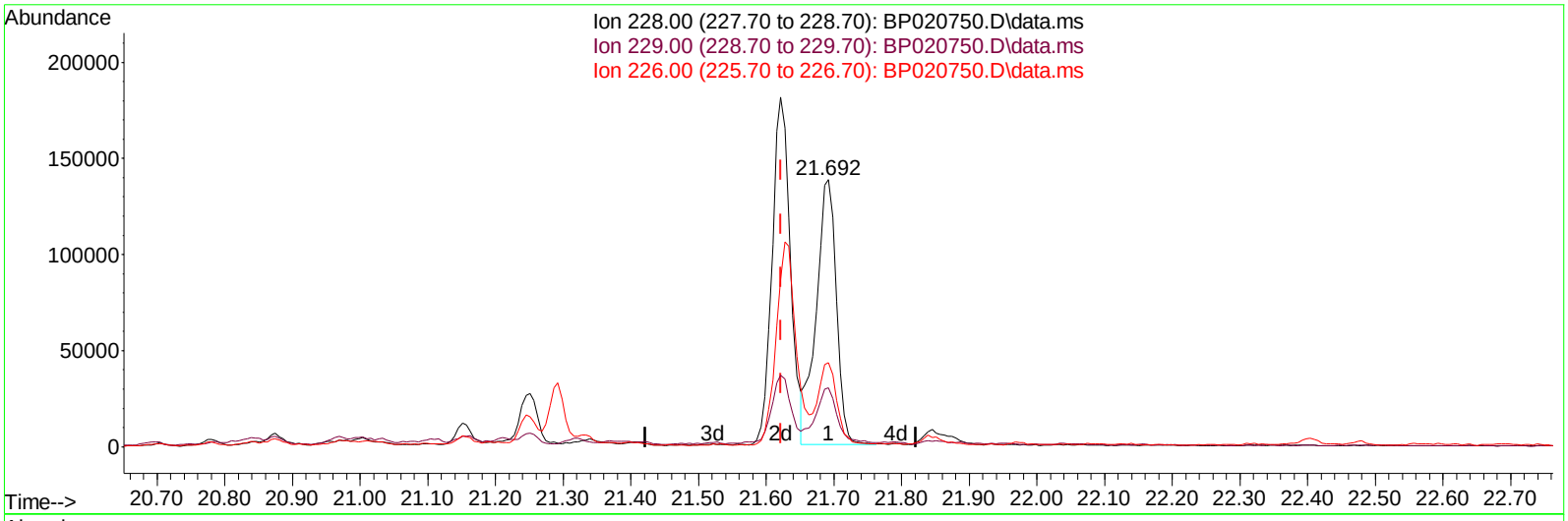
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020750.D
Acq On : 02 Jul 2024 14:26
Operator : MA/JU
Sample : P2962-06DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

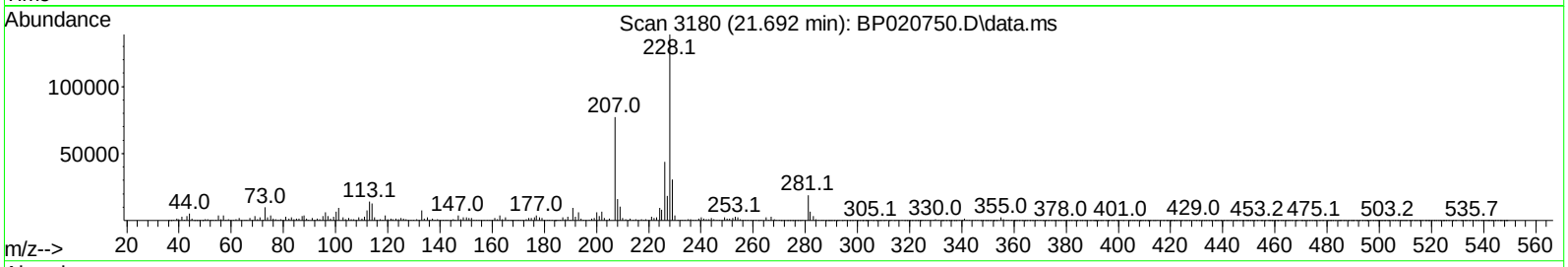
Quant Time: Jul 02 15:41:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

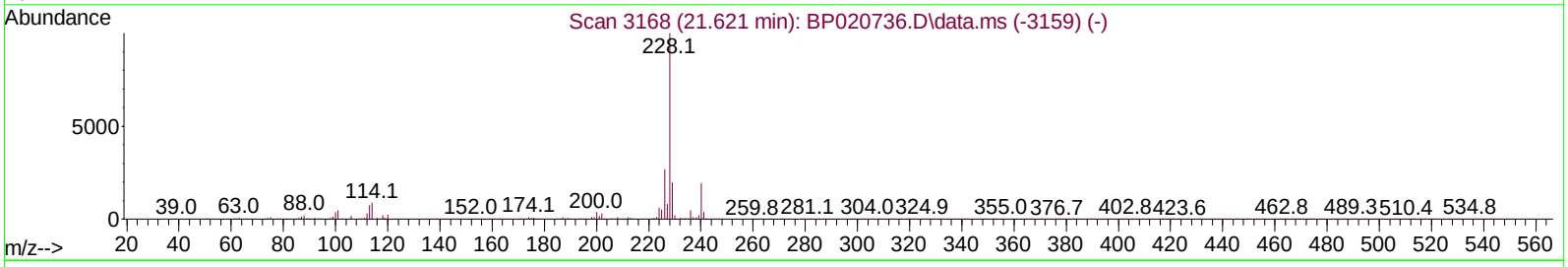
**Instrument :**
BNA_P
**ClientSampleId :**
C0T78DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024




TIC: BP020750.D\data.ms

**(85) Benzo(a)anthracene**

**21.692min (+ 0.071) 4.53 ng/ul**

**response 288241**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 19.00 | 22.15 |
| 226.00 | 26.40 | 31.52 |
| 0.00 | 0.00 | 0.00 |

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C0T78DL

**Manual IntegrationsAPPROVED**

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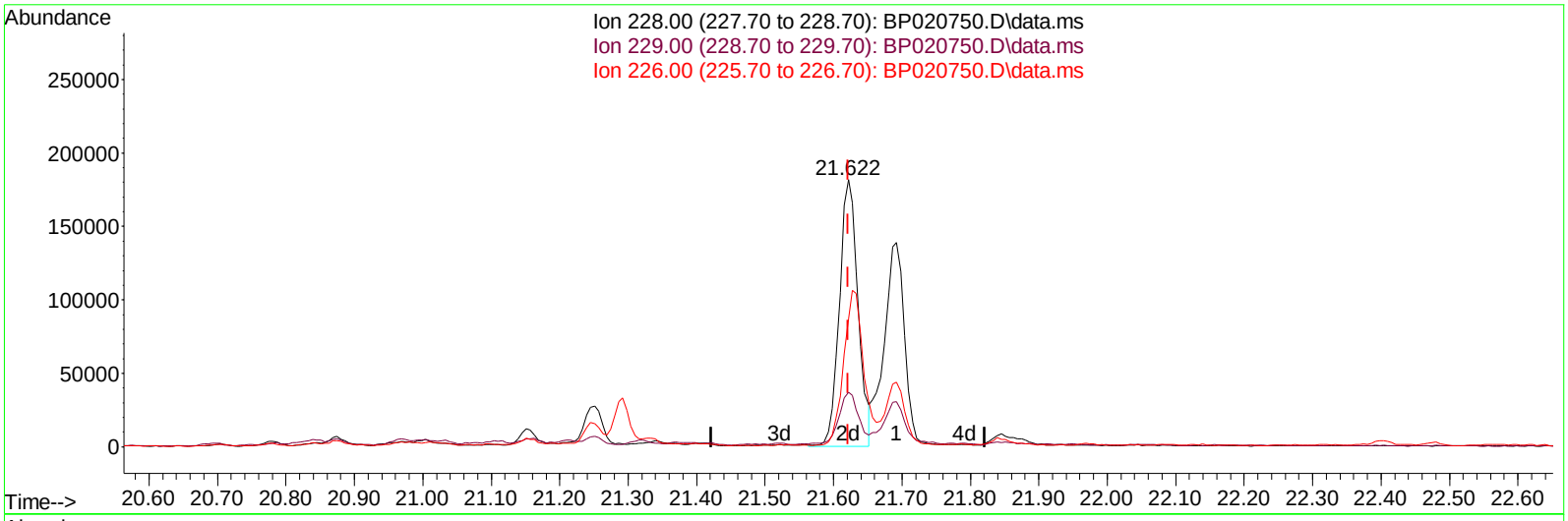
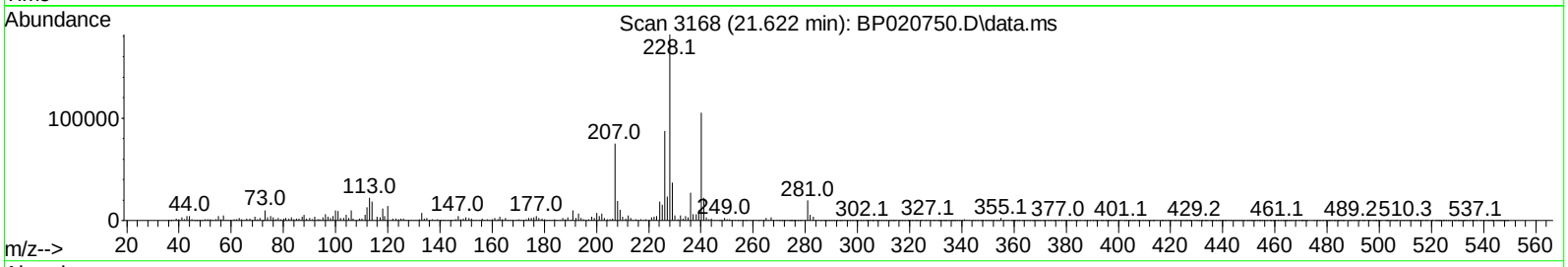
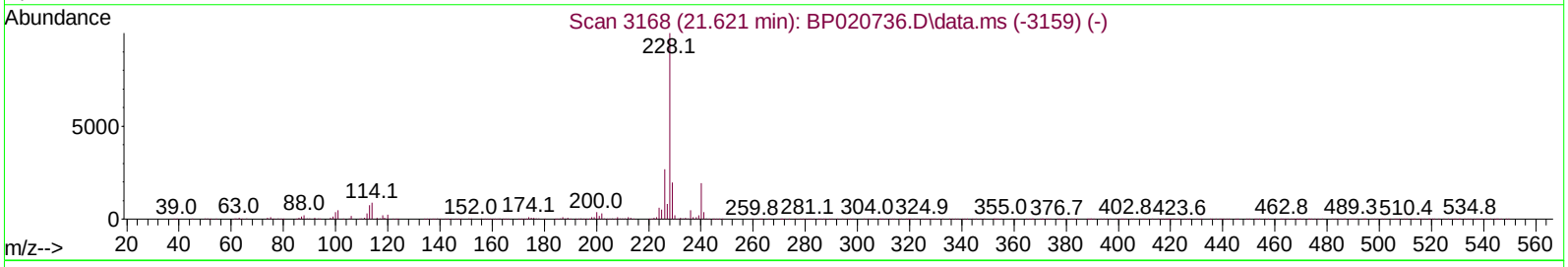



TIC: BP020750.D\data.ms

**(85) Benzo(a)anthracene**

**21.622min (+ 0.000) 5.38 ng/ul m**

**response 342118**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 19.00 | 20.40 |
| 226.00 | 26.40 | 48.08# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

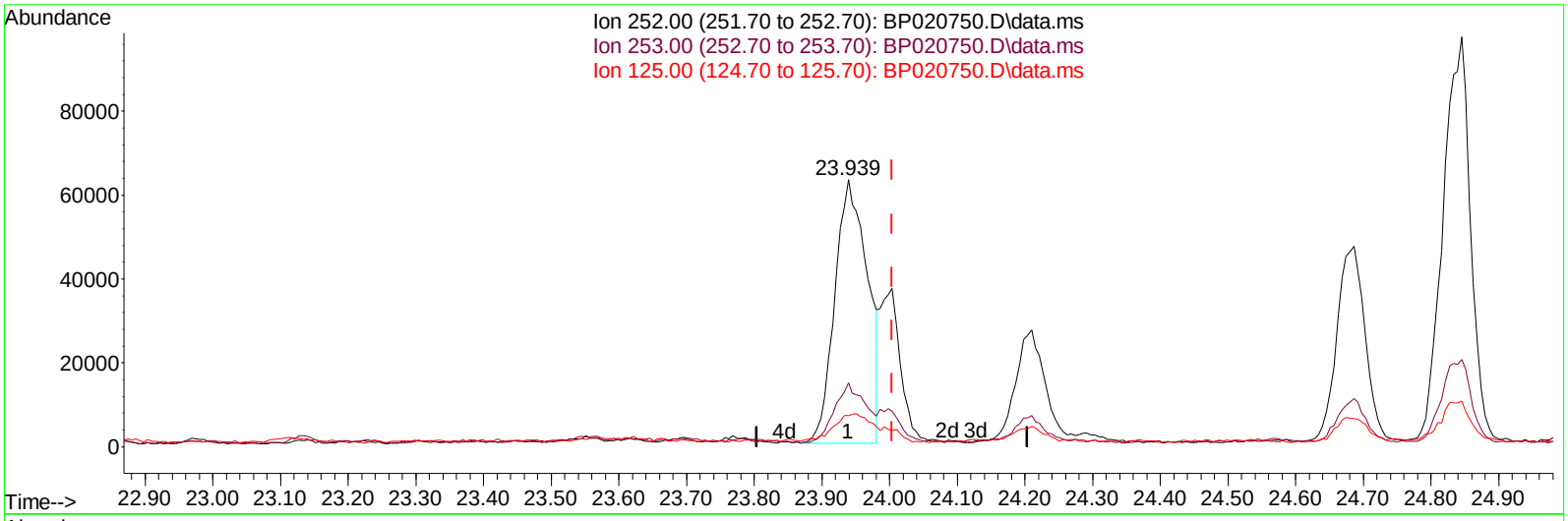
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020750.D
Acq On : 02 Jul 2024 14:26
Operator : MA/JU
Sample : P2962-06DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

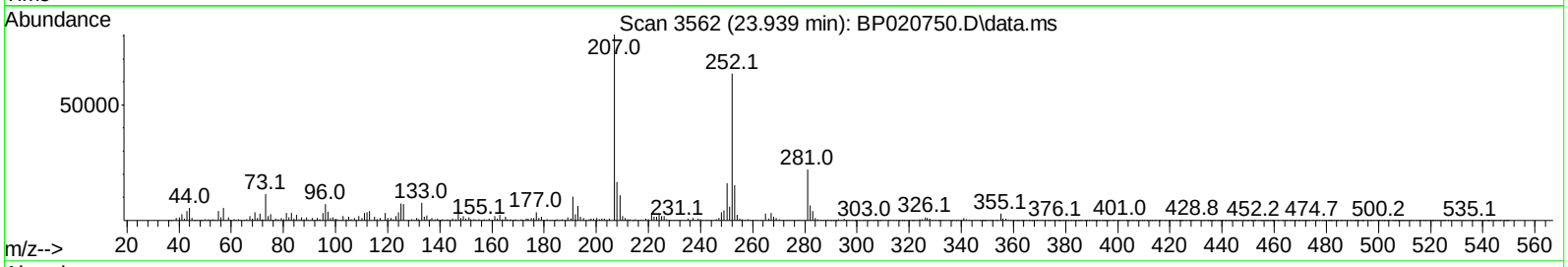
Quant Time: Jul 02 15:42:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

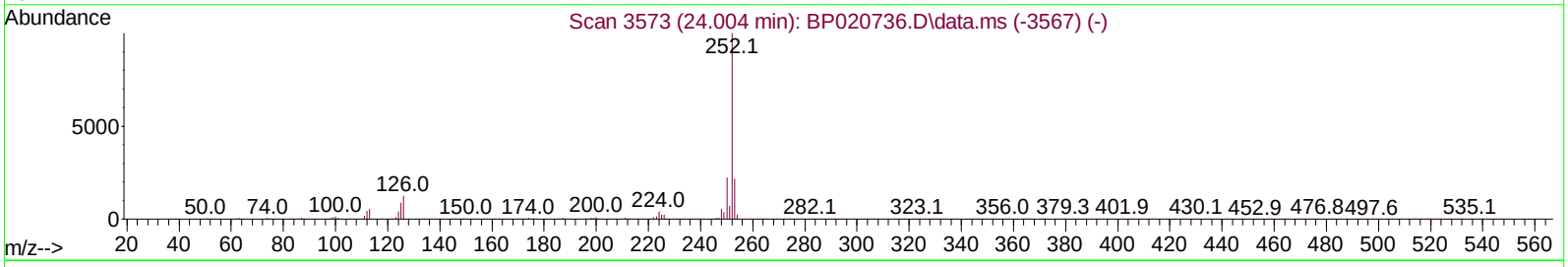
**Instrument :**
BNA_P
**ClientSampleId :**
C0T78DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024




TIC: BP020750.D\data.ms

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

**23.939min (-0.065) 3.09 ng/ul**

**response 210559**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.00 | 23.84 |
| 125.00 | 9.90 | 11.72 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

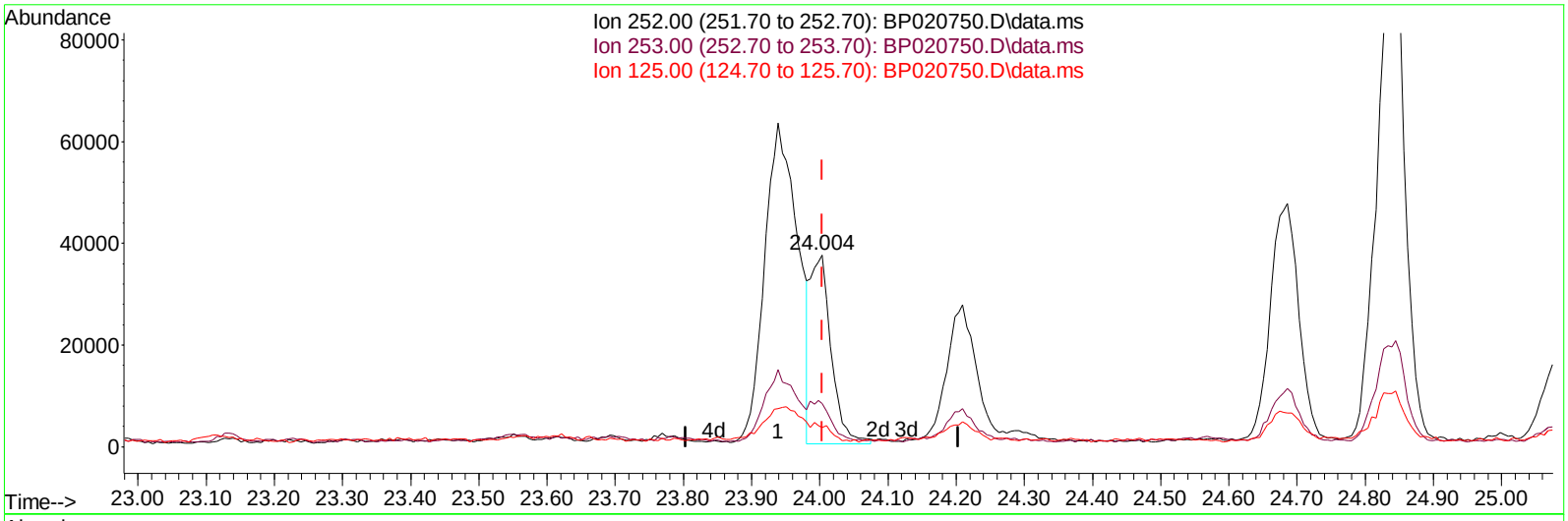
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020750.D
Acq On : 02 Jul 2024 14:26
Operator : MA/JU
Sample : P2962-06DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

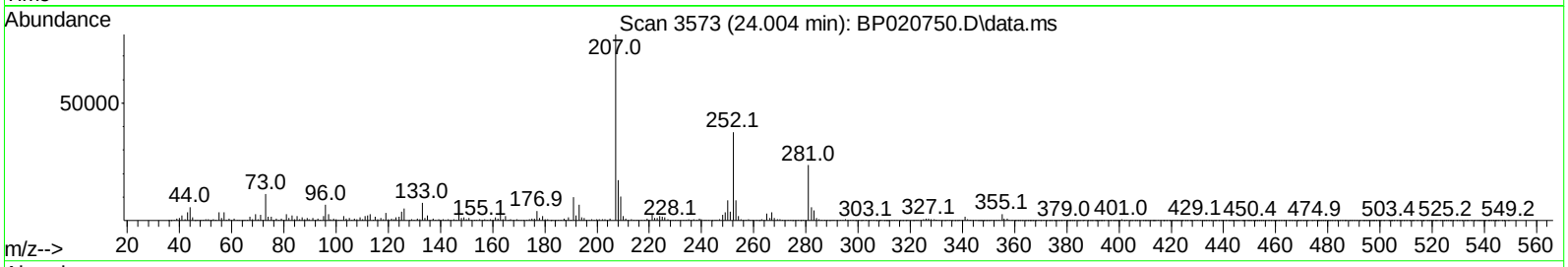
Quant Time: Jul 02 15:42:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

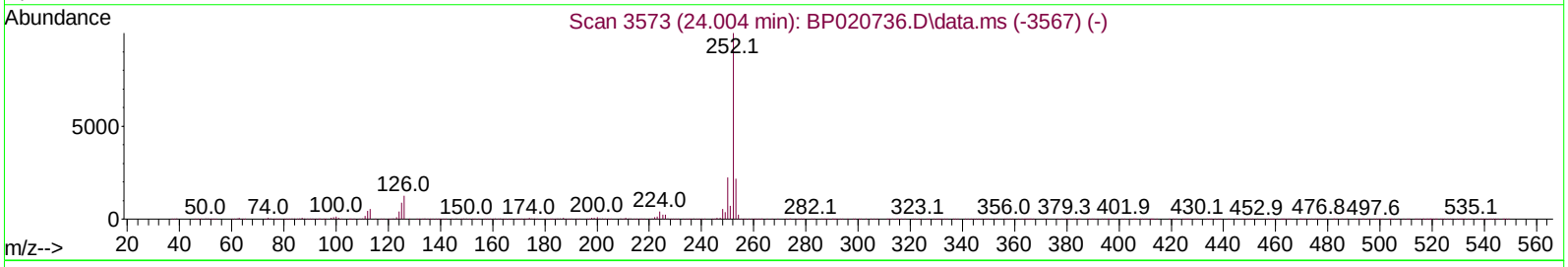
**Instrument :**
BNA_P
**ClientSampleId :**
C0T78DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024




TIC: BP020750.D\data.ms

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

**24.004min (+ 0.000) 1.15 ng/ul m**

**response 78390**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.00 | 22.61 |
| 125.00 | 9.90 | 10.11 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020750.D
Acq On : 02 Jul 2024 14:26
Operator : MA/JU
Sample : P2962-06DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jul 02 15:44:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
C0T78DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.740 | 152 | 239755 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.510 | 136 | 984079 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.363 | 164 | 623360 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.175 | 188 | 1175176 | 20.000 | ng/ul | -0.01 |
| 79) Chrysene-d12 | 21.645 | 240 | 907395 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.004 | 264 | 1111028 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.275 | 96 | 5287 | 0.947 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.693 | 84 | 76228 | 4.685 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.922 | 99 | 118774 | 6.040 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.081 | 67 | 74640 | 5.987 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.281 | 132 | 100227 | 6.236 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.440 | 113 | 104810 | 6.563 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.887 | 128 | 50291 | 6.922 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.599 | 143 | 55776 | 7.671 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.134 | 165 | 102874 | 6.869 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.646 | 131 | 128249 | 6.110 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.769 | 166 | 331123 | 7.640 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 14.051 | 160 | 370161 | 7.157 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 14.604 | 143 | 26645 | 4.024 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.369 | 176 | 276875 | 7.592 | ng/ul | -0.02 |
| 65) 4,6-Dinitro-2-methylph... | 15.504 | 200 | 20476 | 3.457 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.275 | 188 | 388624 | 7.368 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.663 | 212 | 403989 | 7.411 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.763 | 264 | 395196 | 7.312 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 30) Naphthalene | 10.563 | 128 | 4775590 | 90.667 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.163 | 142 | 1383421 | 39.209 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.387 | 142 | 811290 | 22.493 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.181 | 154 | 183575 | 3.938 | ng/ul | 99 |
| 50) Acenaphthylene | 14.087 | 152 | 866545 | 14.833 | ng/ul | 99 |
| 52) Acenaphthene | 14.428 | 153 | 138525 | 3.575 | ng/ul | 100 |
| 56) Dibenzofuran | 14.769 | 168 | 53688 | 1.028 | ng/ul | 100 |
| 61) Fluorene | 15.428 | 166 | 421836 | 10.054 | ng/ul | 99 |
| 72) Phenanthrene | 17.216 | 178 | 1880732 | 30.562 | ng/ul | 100 |
| 74) Anthracene | 17.304 | 178 | 502387 | 7.937 | ng/ul | 99 |
| 80) Fluoranthene | 19.316 | 202 | 673964 | 10.121 | ng/ul | 99 |
| 82) Pyrene | 19.692 | 202 | 1008556 | 14.769 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.622 | 228 | 342118m | 5.379 | ng/ul | |
| 87) Chrysene | 21.692 | 228 | 285814 | 4.754 | ng/ul | 96 |
| 90) Benzo(b)fluoranthene | 23.939 | 252 | 210559 | 3.128 | ng/ul | 96 |
| 91) Benzo(k)fluoranthene | 24.004 | 252 | 78390m | 1.151 | ng/ul | |
| 93) Benzo(a)pyrene | 24.845 | 252 | 270652 | 4.260 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.809 | 276 | 102383 | 1.256 | ng/ul | 95 |
| 96) Benzo(g,h,i)perylene | 29.974 | 276 | 114093 | 1.715 | ng/ul | 99 |

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

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