Quantitation Report (Qedit)

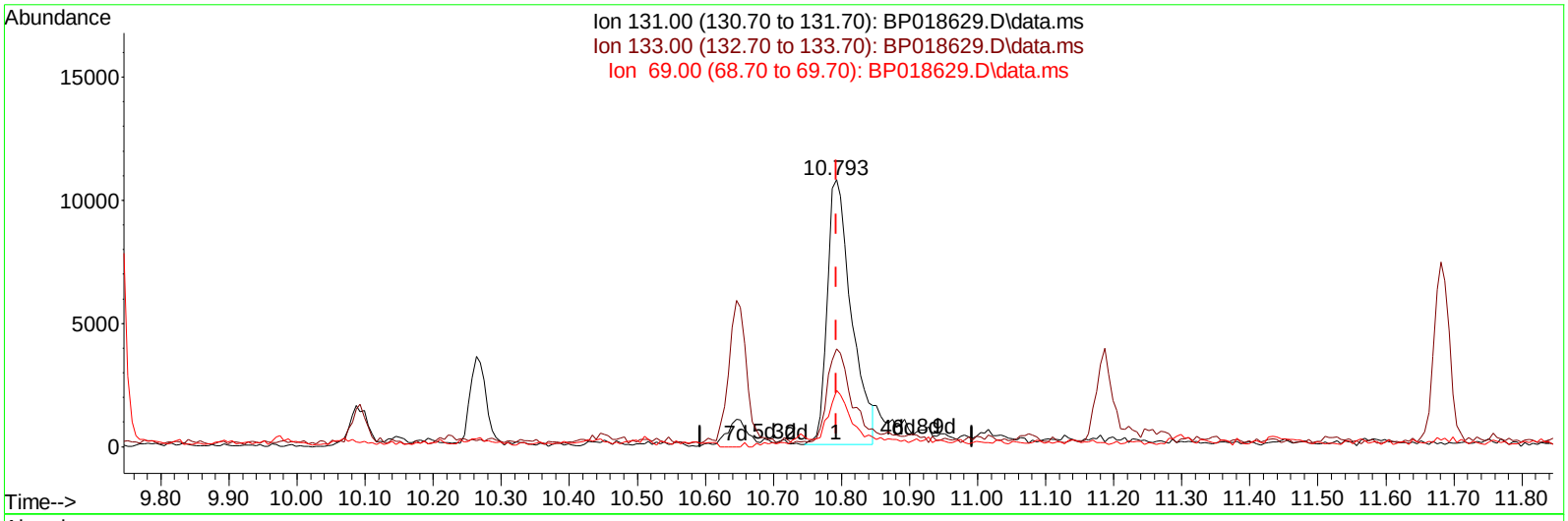
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

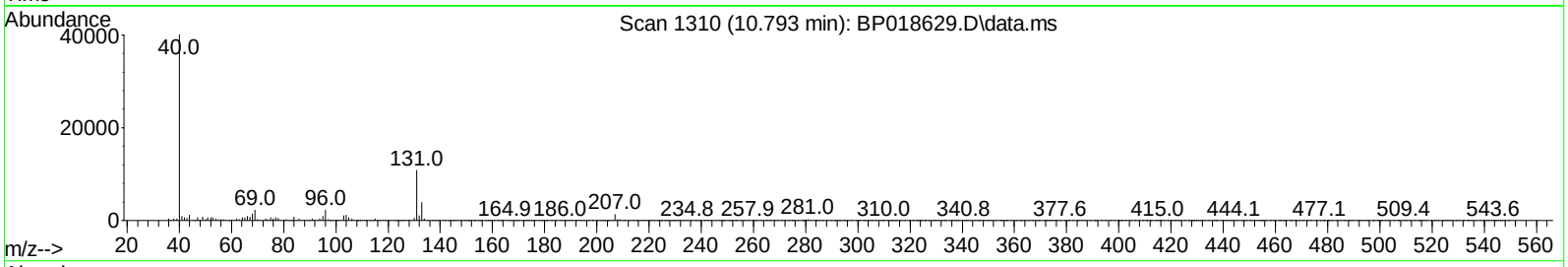
Quant Time: Dec 06 21:38:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

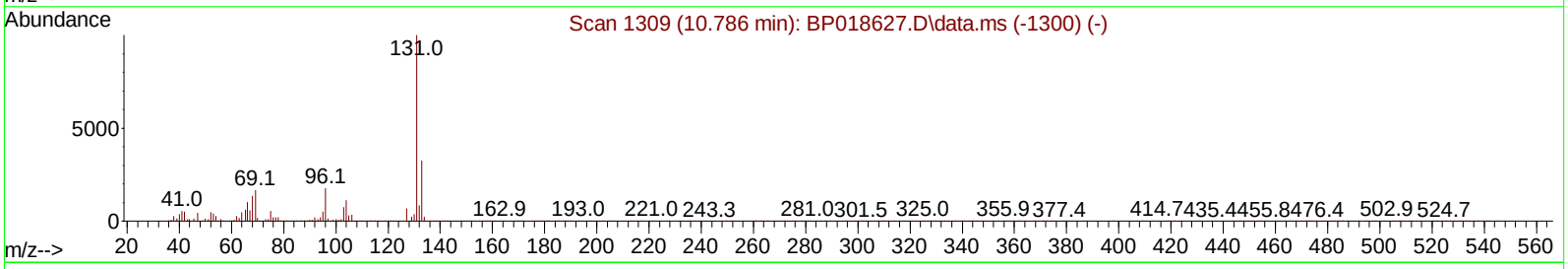
**Instrument :**
BNA_P
**ClientSampleId :**
E05M4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023




TIC: BP018629.D\data.ms

**(31) 4-Chloroaniline-d4 (S)**

**10.793min (+ 0.000) 0.86 ng/ul**

**response 26440**

| Ion | Exp% | Act% |
|---|---|---|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.70 | 36.74 |
| 69.00 | 16.90 | 21.05# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

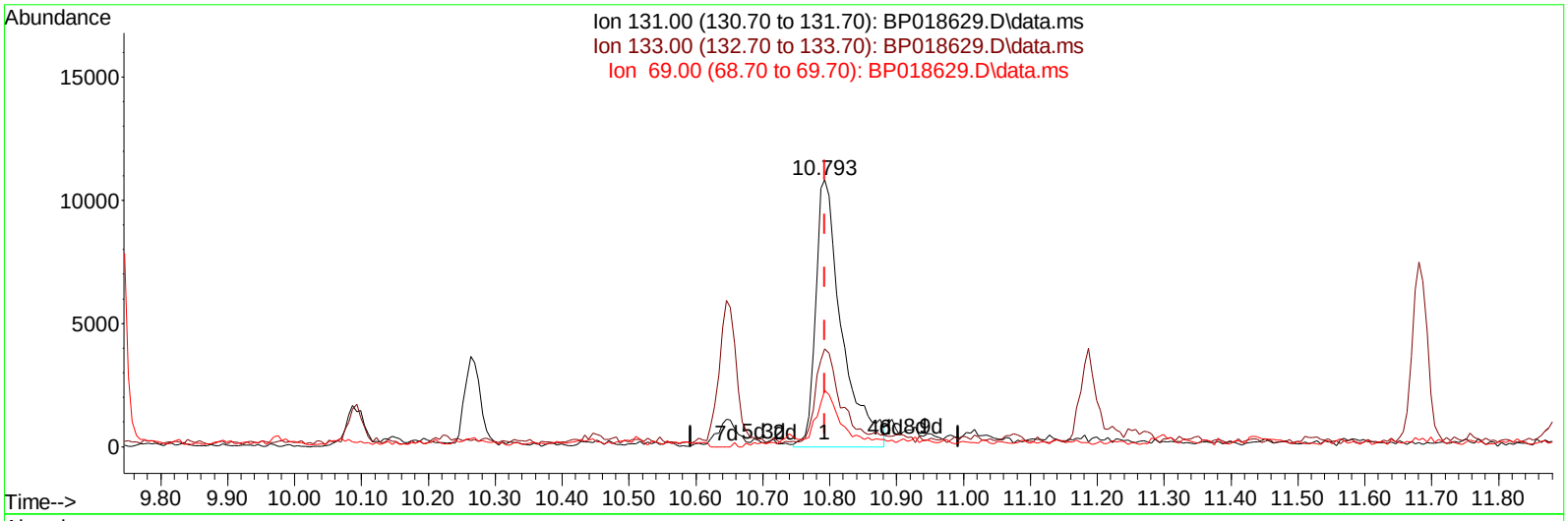
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

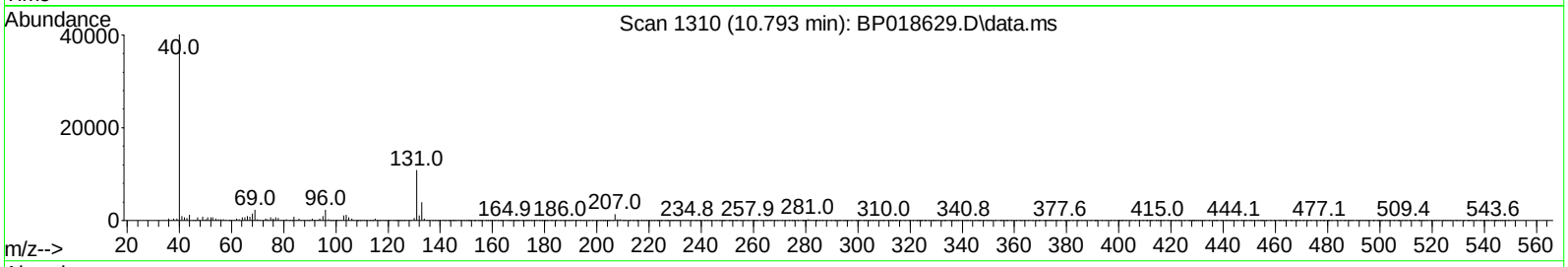
Quant Time: Dec 06 21:38:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

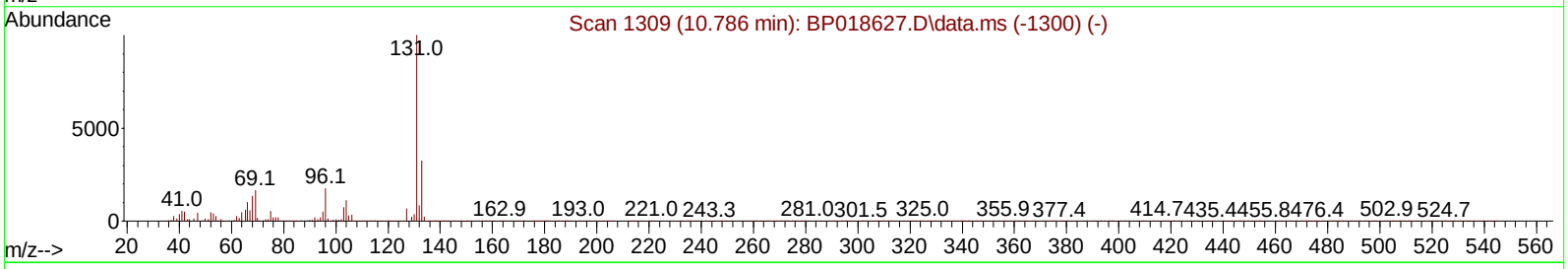
**Instrument :**
BNA_P
**ClientSampleId :**
E05M4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023




TIC: BP018629.D\data.ms

**(31) 4-Chloroaniline-d4 (S)**

**10.793min (+ 0.000) 0.96 ng/ul m**

**response 29429**

| Ion | Exp% | Act% |
|---|---|---|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.70 | 36.74 |
| 69.00 | 16.90 | 21.05# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

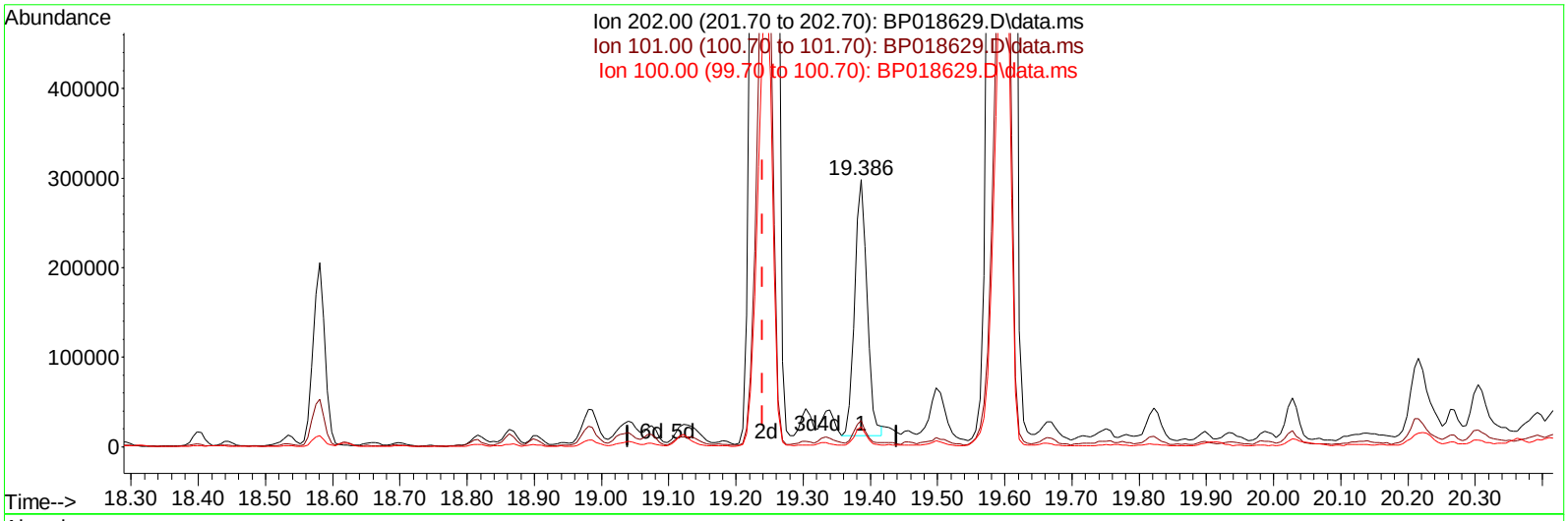
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

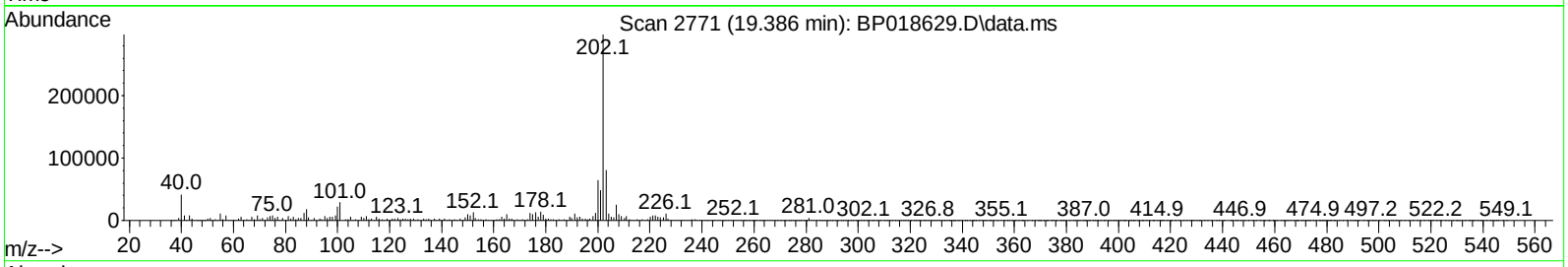
Quant Time: Dec 06 21:38:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

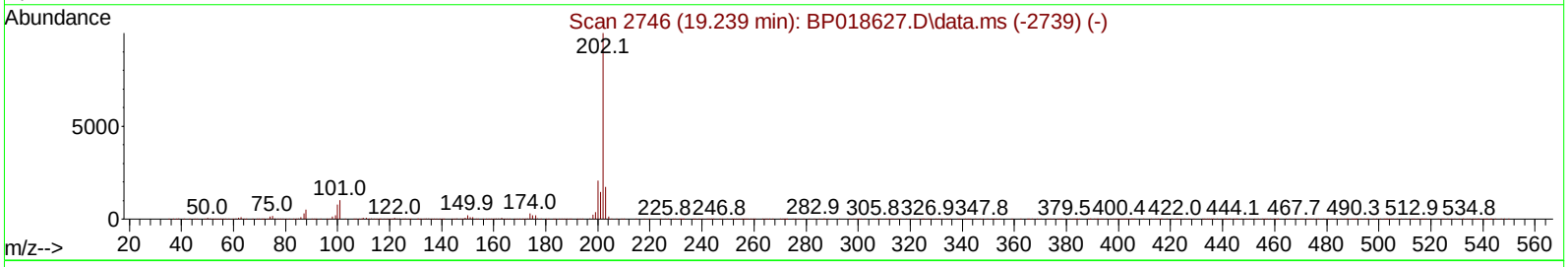
**Instrument :**
BNA_P
**ClientSampleId :**
E05M4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023




TIC: BP018629.D\data.ms

**(80) Fluoranthene**

**19.386min (+ 0.147) 3.65 ng/ul**

**response 367798**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 11.40 | 9.83 |
| 100.00 | 8.90 | 7.41 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

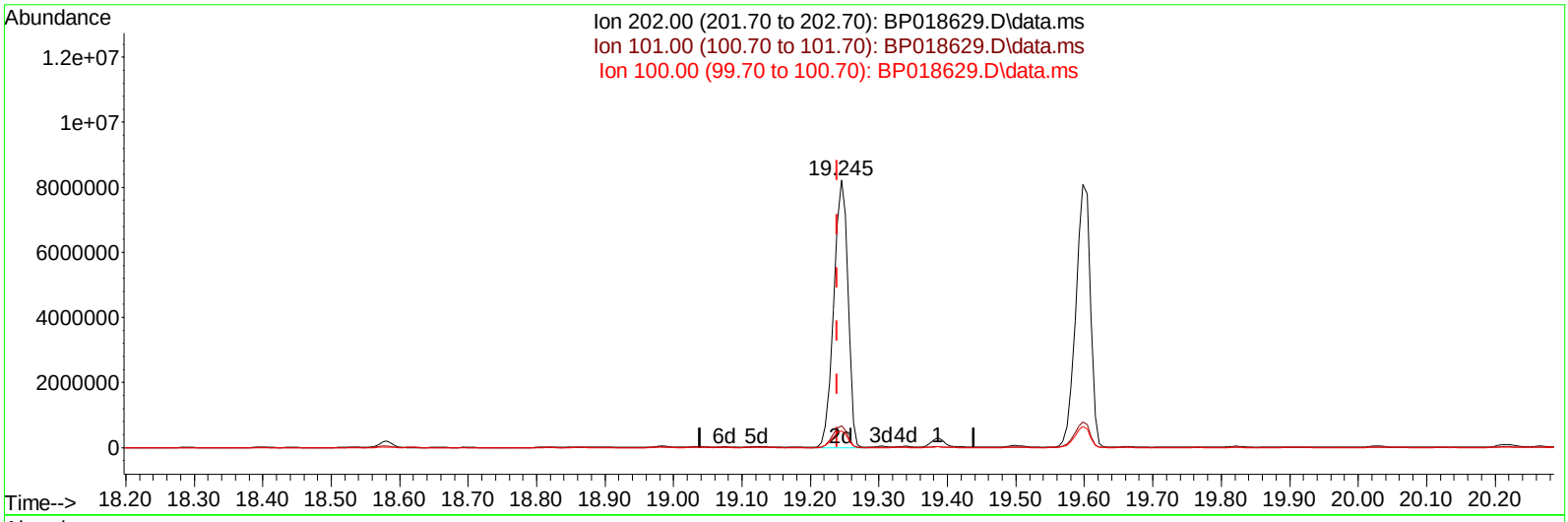
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

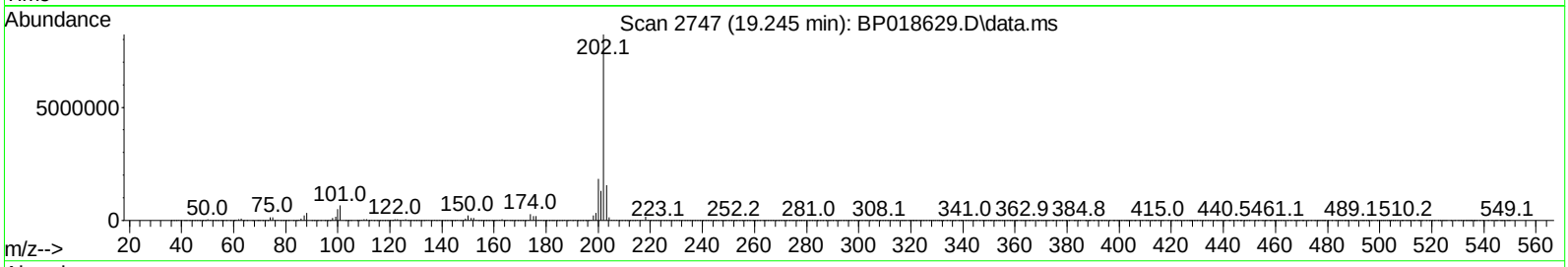
Quant Time: Dec 06 21:38:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

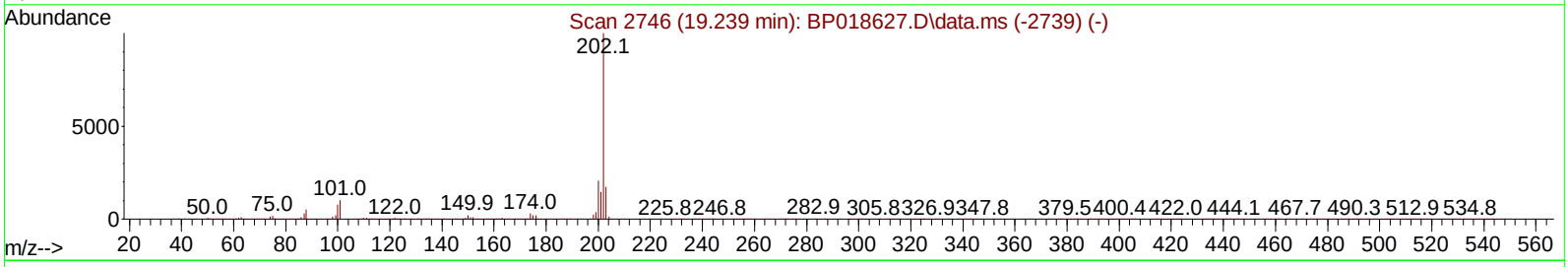
**Instrument :**
BNA_P
**ClientSampleId :**
E05M4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023




TIC: BP018629.D\data.ms

**(80) Fluoranthene**

**19.245min (+ 0.006) 117.60 ng/ul m**

**response 11844136**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 11.40 | 8.14# |
| 100.00 | 8.90 | 6.23# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

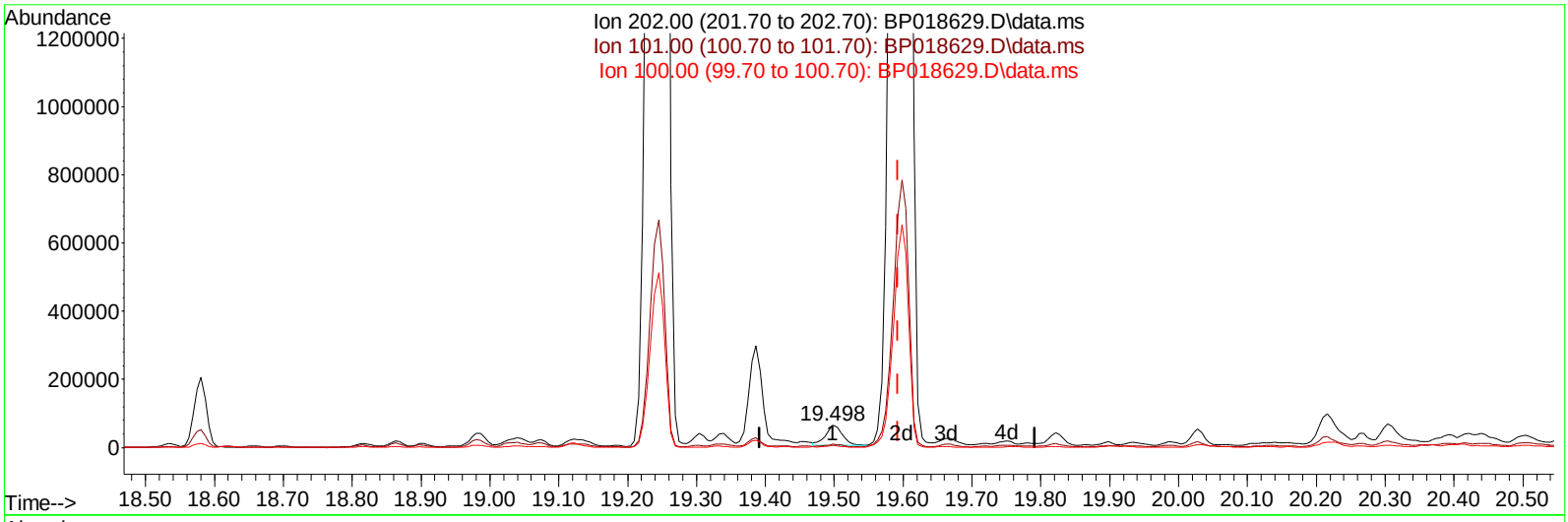
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

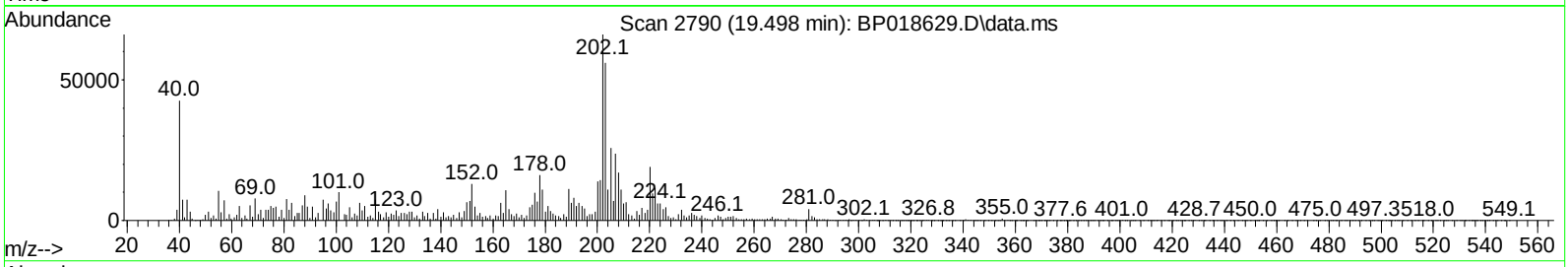
Quant Time: Dec 06 21:48:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

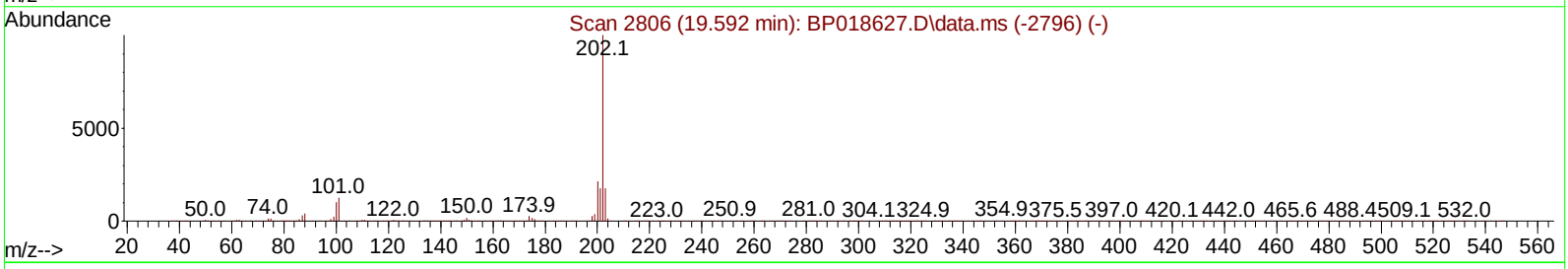
**Instrument :**
BNA_P
**ClientSampleId :**
E05M4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023




TIC: BP018629.D\data.ms

**(82) Pyrene**

**19.498min (-0.094) 0.95 ng/ul**

**response 96937**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 13.70 | 15.25 |
| 100.00 | 11.40 | 10.16 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

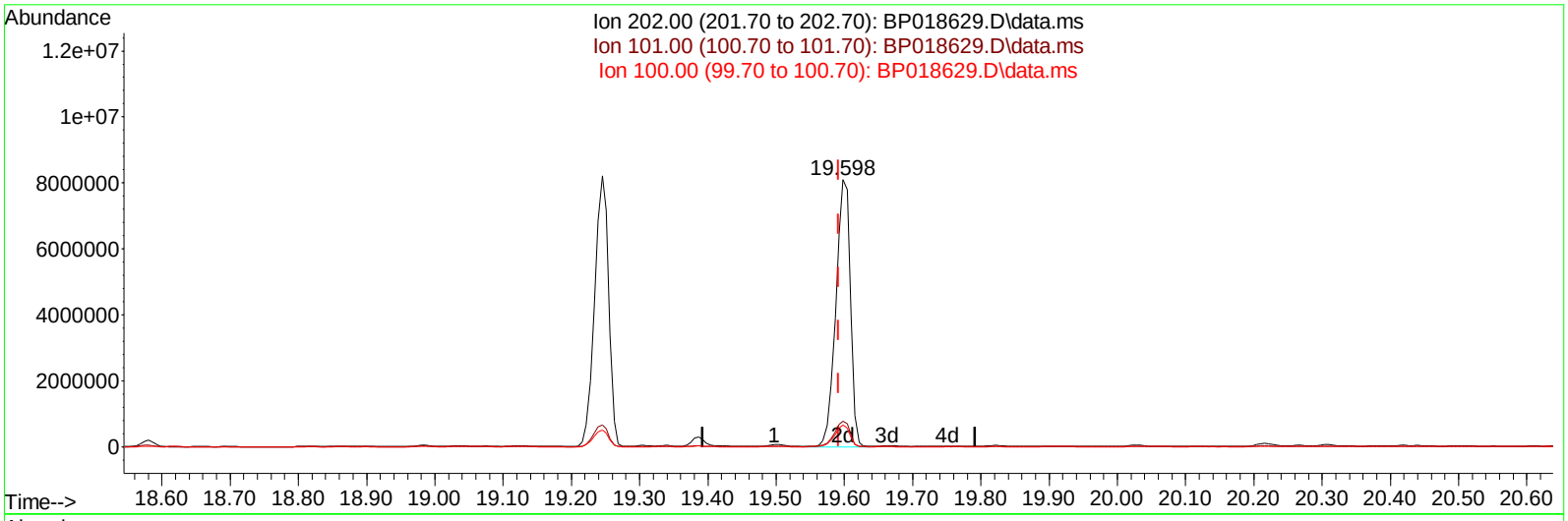
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

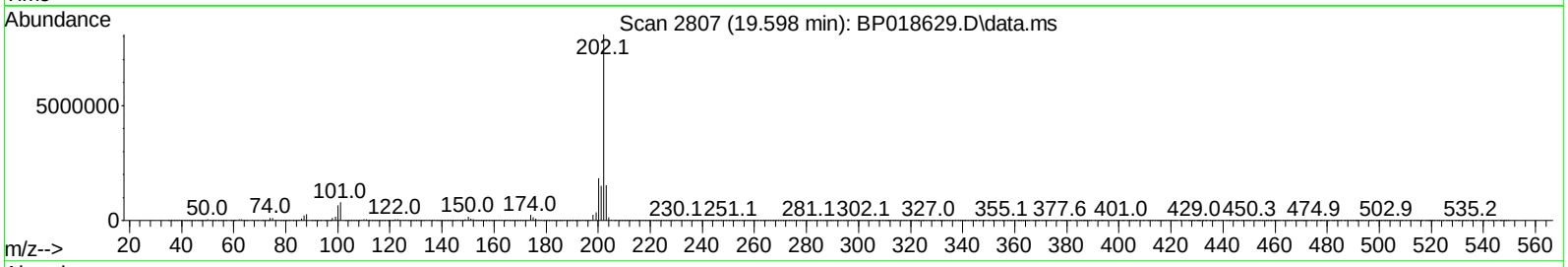
Quant Time: Dec 06 21:48:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

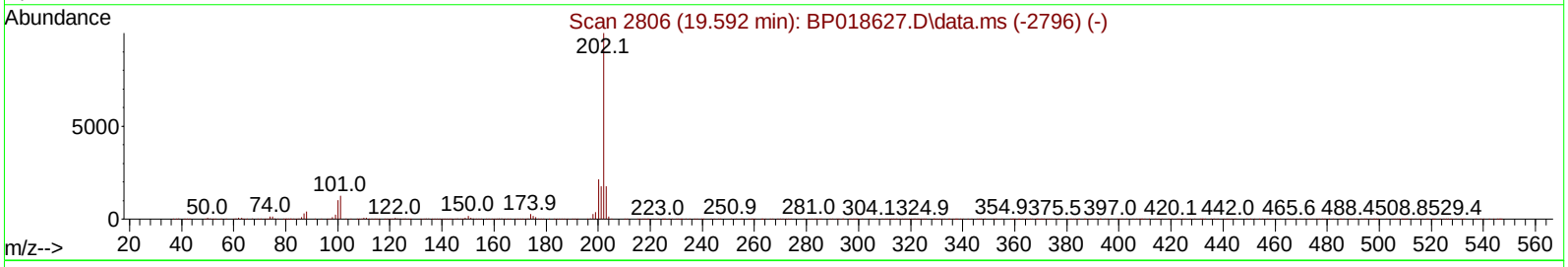
**Instrument :**
BNA_P
**ClientSampleId :**
E05M4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023




TIC: BP018629.D\data.ms

**(82) Pyrene**

**19.598min (+ 0.006) 118.53 ng/ul m**

**response 12043141**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 13.70 | 9.69# |
| 100.00 | 11.40 | 8.07# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

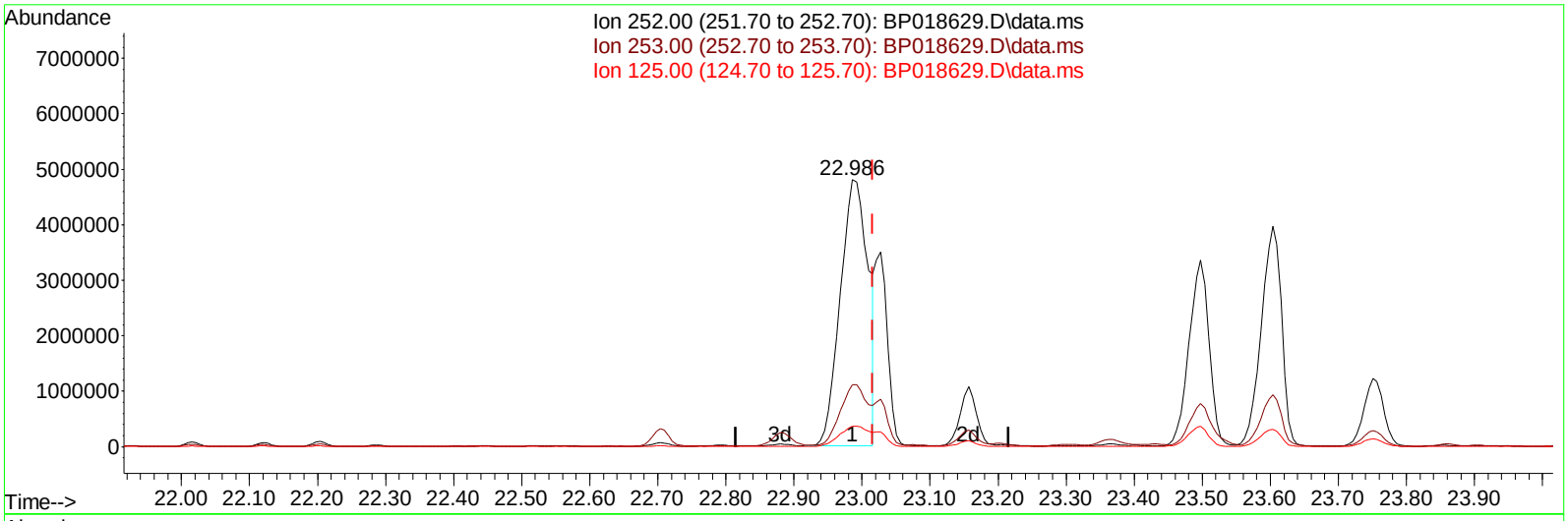
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

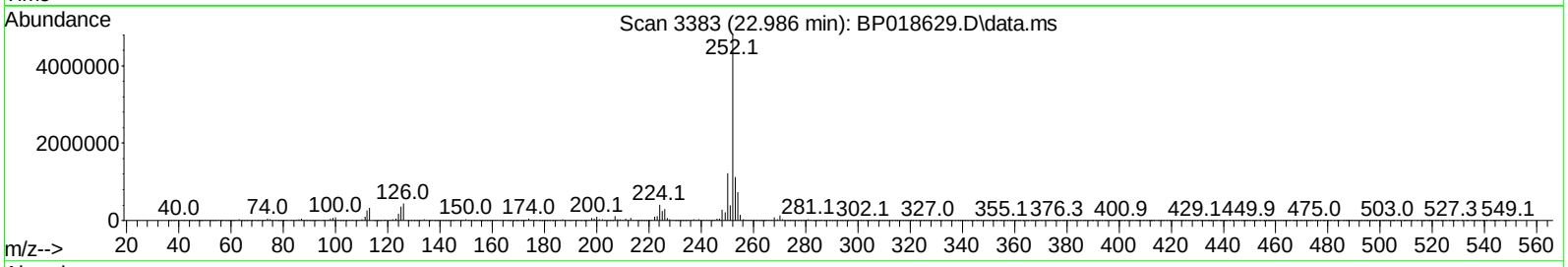
Quant Time: Dec 06 21:49:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

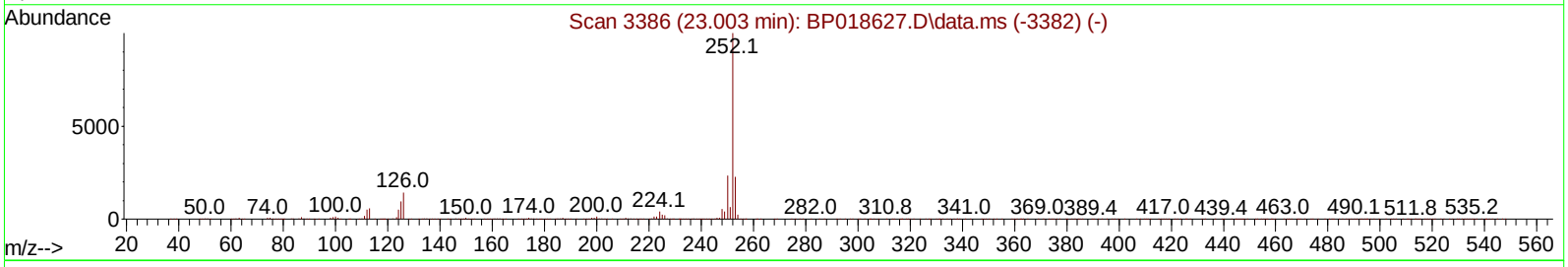
**Instrument :**
BNA_P
**ClientSampleId :**
E05M4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023




TIC: BP018629.D\data.ms

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

**22.986min (-0.029) 129.68 ng/ul**

**response 13639138**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.10 | 23.36 |
| 125.00 | 10.00 | 7.64# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

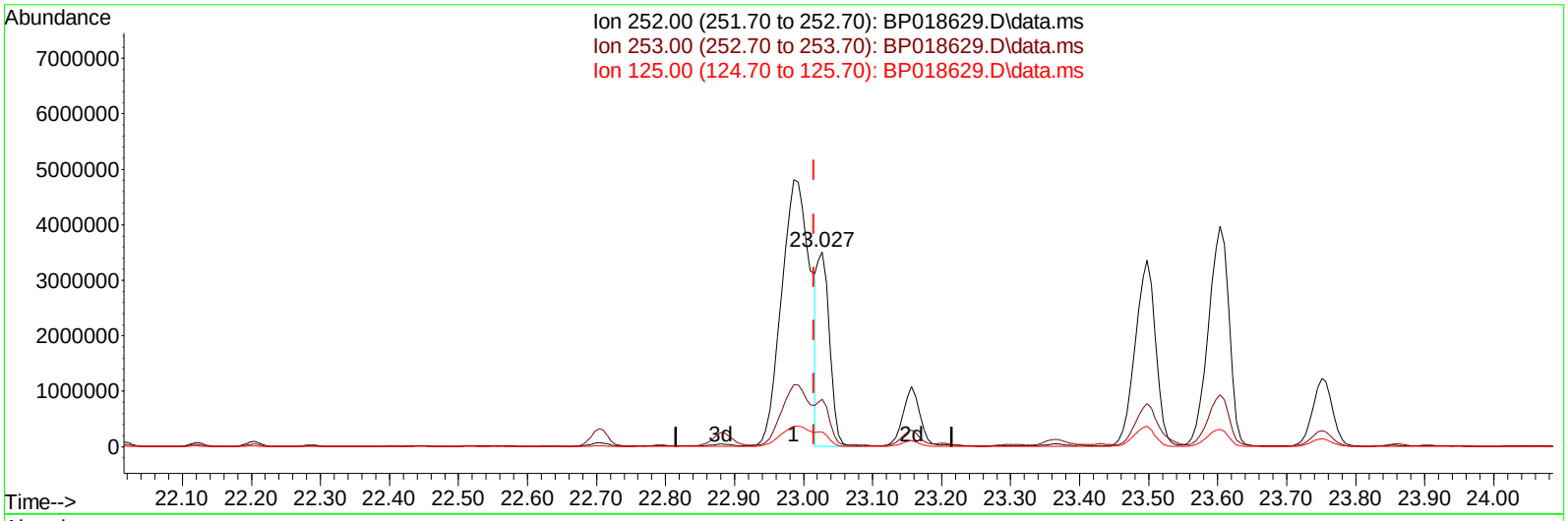
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

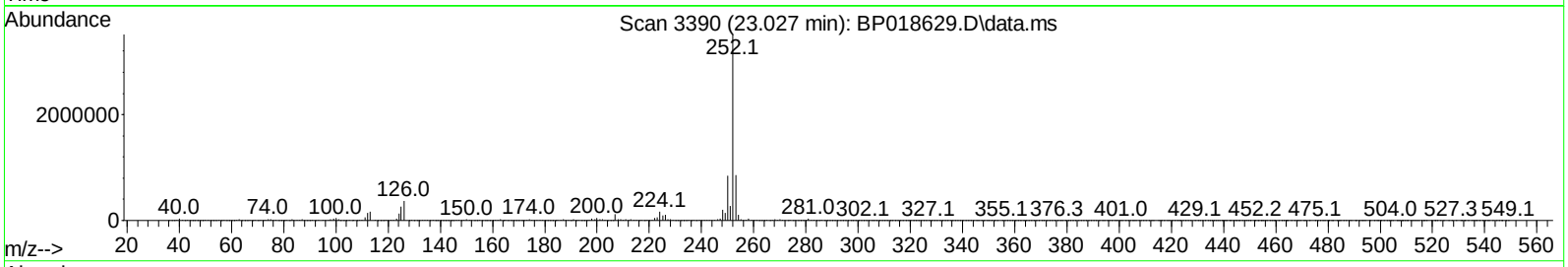
Quant Time: Dec 06 21:49:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

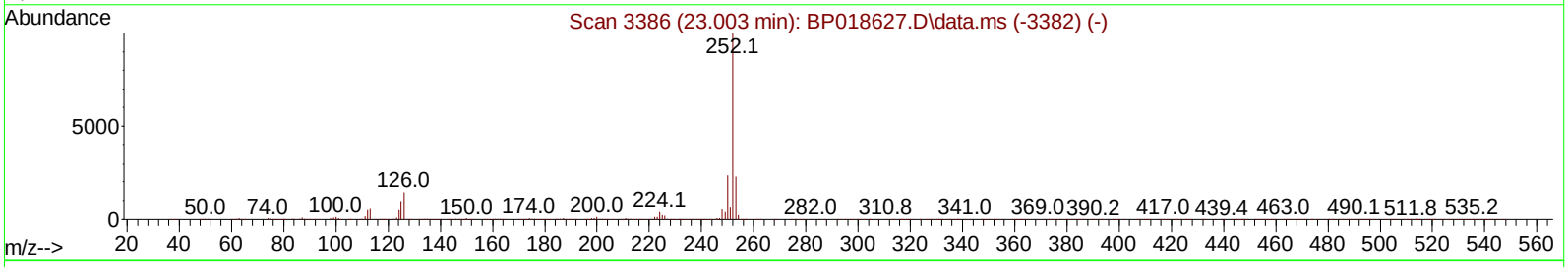
**Instrument :**
BNA_P
**ClientSampleId :**
E05M4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023




TIC: BP018629.D\data.ms

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

**23.027min (+ 0.012) 42.10 ng/ul m**

**response 4428132**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.10 | 24.27 |
| 125.00 | 10.00 | 7.56# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

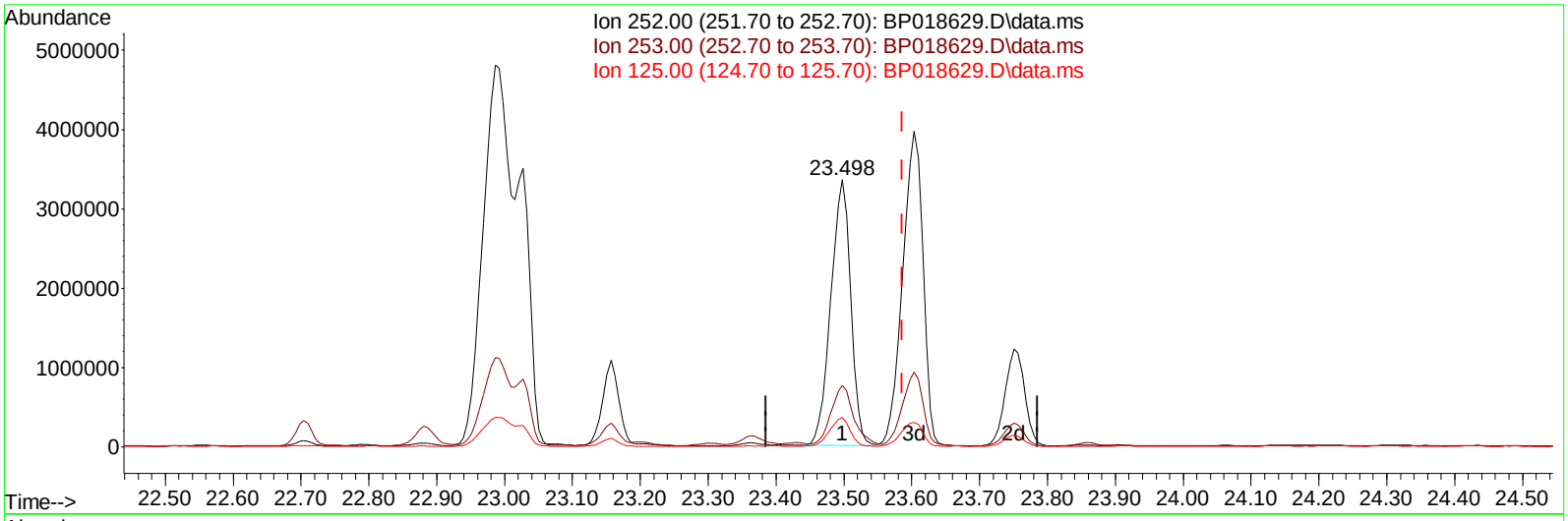
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

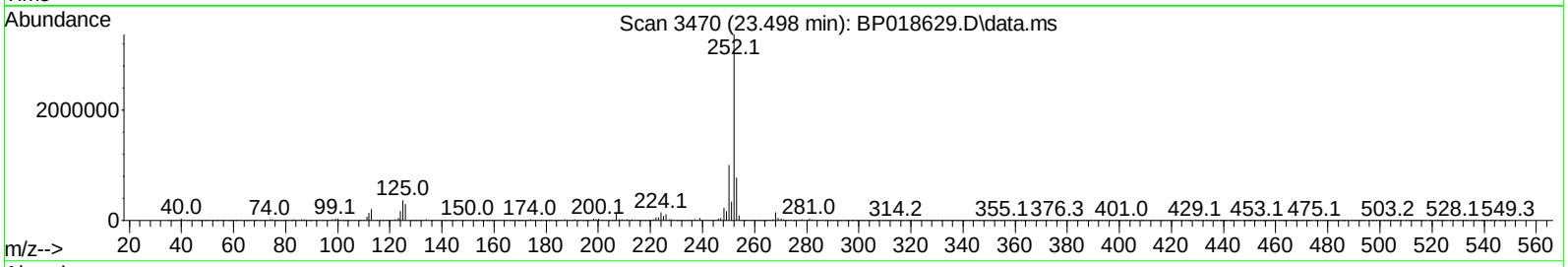
Quant Time: Dec 06 21:49:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

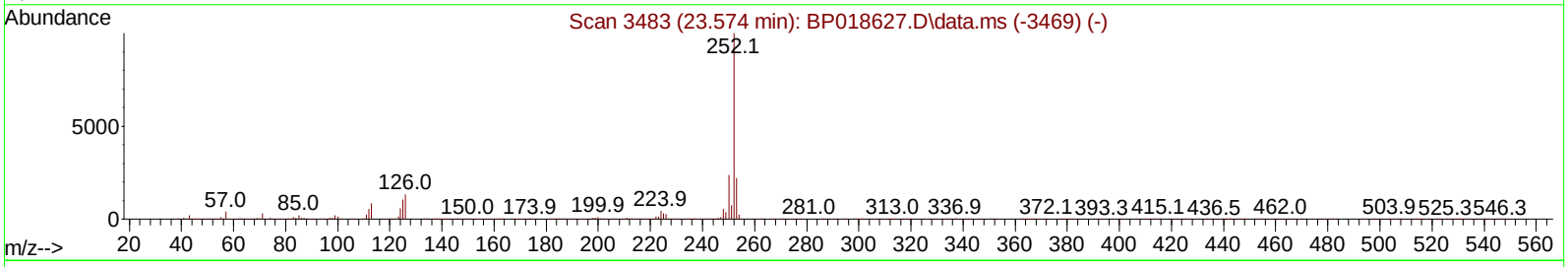
**Instrument :**
BNA_P
**ClientSampleId :**
E05M4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023




TIC: BP018629.D\data.ms

**(93) Benzo(a)pyrene (C)**

**23.498min (-0.088) 68.84 ng/ul**

**response 6837144**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.30 | 23.05 |
| 125.00 | 11.50 | 10.94 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

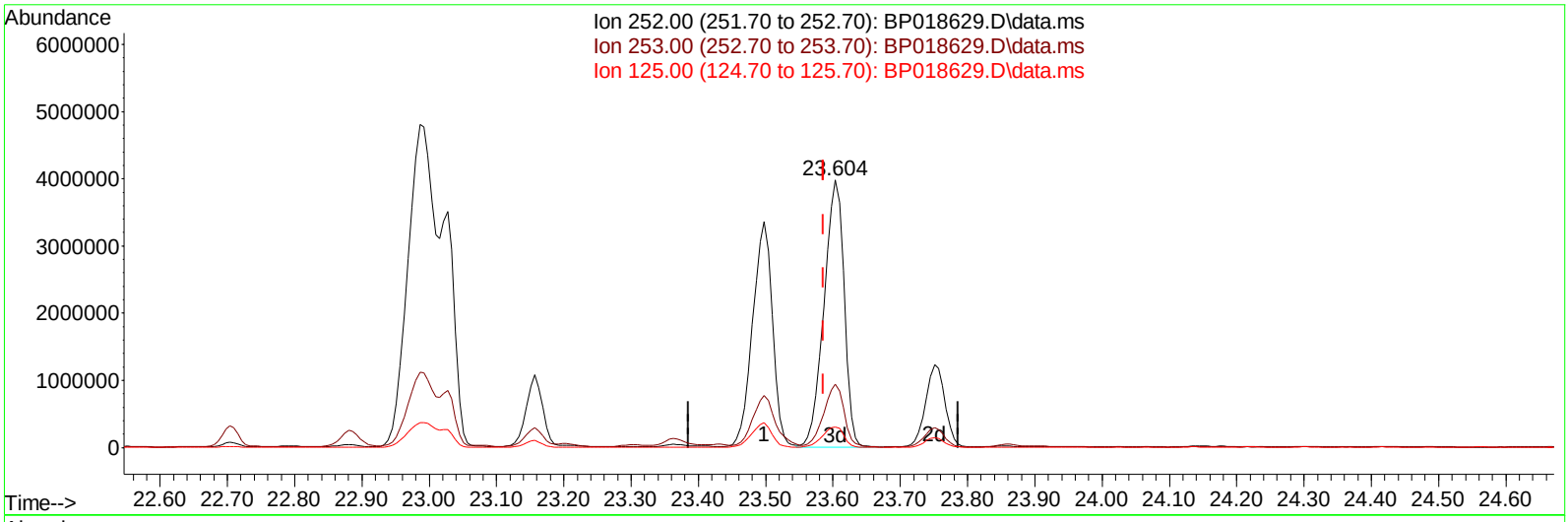
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

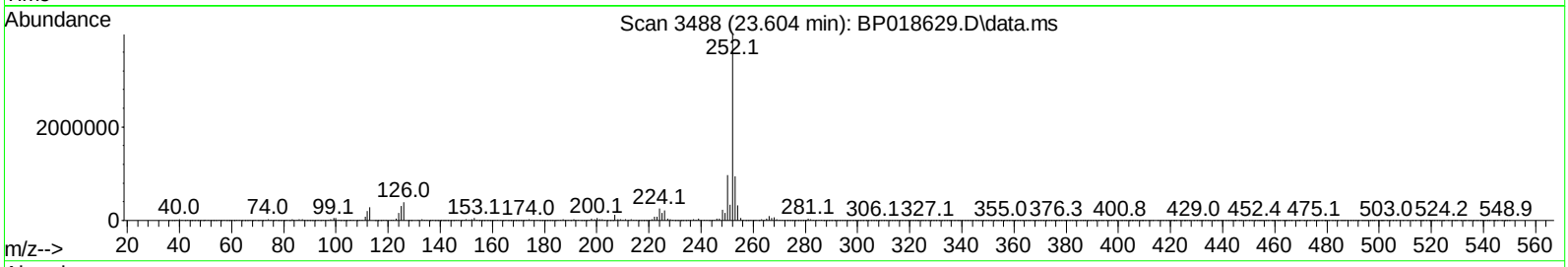
Quant Time: Dec 06 21:49:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

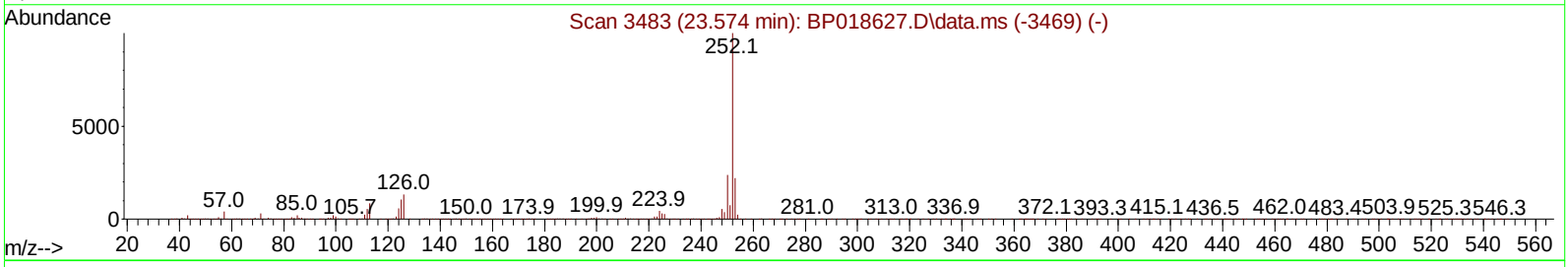
**Instrument :**
BNA_P
**ClientSampleId :**
E05M4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023




TIC: BP018629.D\data.ms

**(93) Benzo(a)pyrene (C)**

**23.604min (+ 0.018) 83.97 ng/ul m**

**response 8340655**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.30 | 23.63 |
| 125.00 | 11.50 | 7.80# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Dec 06 21:50:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
E05M4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.852 | 152 | 315783 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.646 | 136 | 1249526 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.481 | 164 | 733644 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.228 | 188 | 1256431 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.321 | 240 | 1094613 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 23.698 | 264 | 1474340 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.269 | 96 | 9279 | 1.001 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.693 | 84 | 46601 | 1.877 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.016 | 99 | 203803 | 6.431 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.187 | 67 | 115883 | 6.170 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.381 | 132 | 155931 | 6.306 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.557 | 113 | 150628 | 5.873 | ng/ul | -0.01 |
| 21) Nitrobenzene-d5 | 9.010 | 128 | 75206 | 6.762 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.728 | 143 | 77306 | 6.705 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.263 | 165 | 170937 | 7.250 | ng/ul | -0.01 |
| 31) 4-Chloroaniline-d4 | 10.793 | 131 | 29429m | 0.955 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.892 | 166 | 508305 | 7.763 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 14.169 | 160 | 542285 | 7.521 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 14.681 | 143 | 39321 | 3.658 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.469 | 176 | 407747 | 7.419 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.586 | 200 | 28970 | 3.845 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.322 | 188 | 519561 | 7.866 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.563 | 212 | 559967 | 6.572 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.545 | 264 | 659300 | 7.669 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 6) Benzaldehyde | 6.987 | 77 | 26611 | 1.626 | ng/ul | 97 |
| 8) Phenol | 7.046 | 94 | 107132 | 3.447 | ng/ul | 98 |
| 16) Acetophenone | 8.675 | 105 | 718760 | 18.805 | ng/ul | 100 |
| 50) Acenaphthylene | 14.198 | 152 | 914635 | 11.283 | ng/ul | 99 |
| 56) Dibenzofuran | 14.875 | 168 | 122871 | 1.649 | ng/ul | 96 |
| 72) Phenanthrene | 17.269 | 178 | 4538191 | 59.805 | ng/ul | 99 |
| 74) Anthracene | 17.357 | 178 | 1572060 | 20.668 | ng/ul | 100 |
| 77) Carbazole | 17.633 | 167 | 301297 | 4.970 | ng/ul | 99 |
| 80) Fluoranthene | 19.245 | 202 | 11844136m | 117.597 | ng/ul | |
| 82) Pyrene | 19.598 | 202 | 12043141m | 118.528 | ng/ul | |
| 85) Benzo(a)anthracene | 21.310 | 228 | 8918343 | 100.377 | ng/ul | 94 |
| 87) Chrysene | 21.363 | 228 | 8792698 | 107.465 | ng/ul | 95 |
| 90) Benzo(b)fluoranthene | 22.986 | 252 | 13639138 | 125.470 | ng/ul# | 96 |
| 91) Benzo(k)fluoranthene | 23.027 | 252 | 4428132m | 42.101 | ng/ul | |
| 93) Benzo(a)pyrene | 23.604 | 252 | 8340655m | 83.972 | ng/ul | |
| 94) Indeno(1,2,3-cd)pyrene | 26.192 | 276 | 7770689 | 65.479 | ng/ul# | 92 |
| 95) Dibenzo(a,h)anthracene | 26.192 | 278 | 2140630 | 21.684 | ng/ul# | 81 |
| 96) Benzo(g,h,i)perylene | 26.956 | 276 | 6822102 | 71.431 | ng/ul# | 94 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Dec 06 21:50:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
E05M4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023