



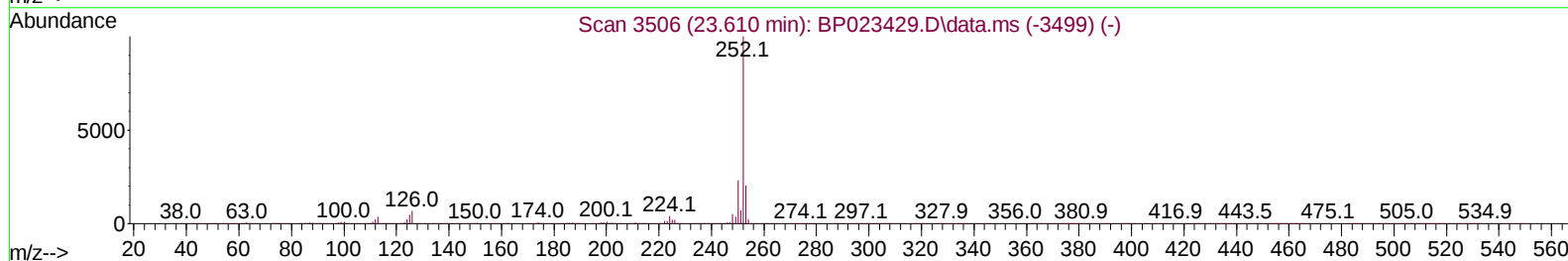
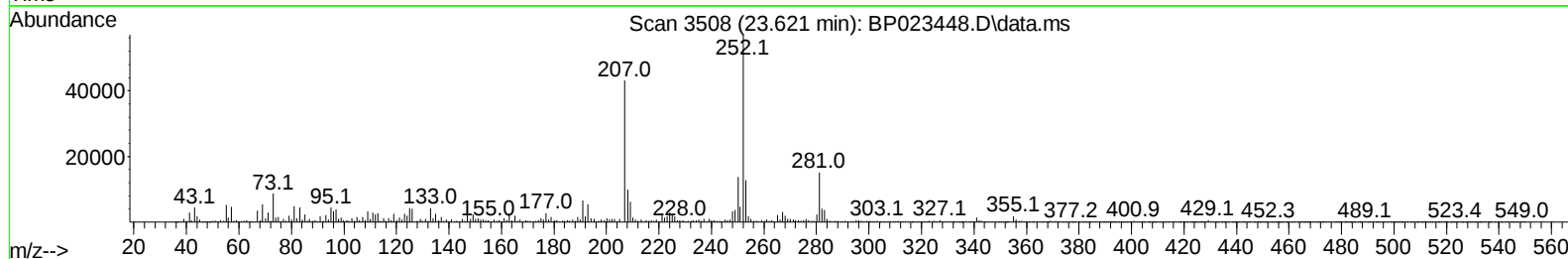
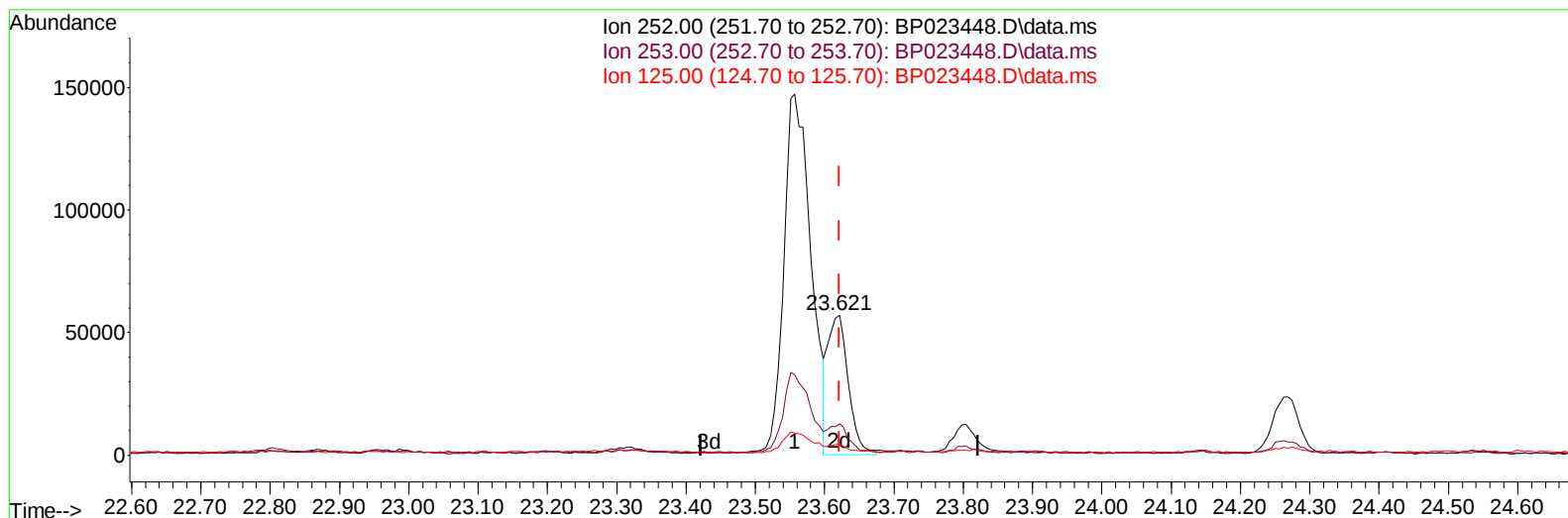
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121624\  
 Data File : BP023448.D  
 Acq On : 17 Dec 2024 00:33  
 Operator : RC/JU  
 Sample : P5234-06  
 Misc : GCMS CONFIRMATION  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AR0

Manual IntegrationsAPPROVED

Quant Time: Dec 17 01:02:54 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 11 00:30:30 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024  
 Supervised By :mohammad ahmed 12/19/2024



TIC: BP023448.D\data.ms

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

**23.621min ( 0.000) 2.24 ng/u1 m**

**response 115874**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.90  | 22.30  |
| 125.00 | 5.40   | 7.40#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121624\  
 Data File : BP023448.D  
 Acq On : 17 Dec 2024 00:33  
 Operator : RC/JU  
 Sample : P5234-06  
 Misc : GCMS CONFIRMATION  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 COAR0

Manual IntegrationsAPPROVED

Quant Time: Dec 17 01:04:55 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 11 00:30:30 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024  
 Supervised By :mohammad ahmed 12/19/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.534  | 152  | 166110   | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.275 | 136  | 592647   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.151 | 164  | 407513   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 16.945 | 188  | 805279   | 20.000 | ng/ul | -0.01    |
| 79) Chrysene-d12              | 21.380 | 240  | 721610   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.539 | 264  | 828612   | 20.000 | ng/ul | -0.04    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0d       | 0.000  | ng/uL |          |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul |          |
| 7) Phenol-d5                  | 0.000  | 99   | 0d       | 0.000  | ng/ul |          |
| 9) Bis-(2-Chloroethyl)eth...  | 0.000  | 67   | 0d       | 0.000  | ng/ul |          |
| 11) 2-Chlorophenol-d4         | 0.000  | 132  | 0d       | 0.000  | ng/ul |          |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.000  | ng/ul |          |
| 21) Nitrobenzene-d5           | 0.000  | 128  | 0d       | 0.000  | ng/ul |          |
| 24) 2-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/ul |          |
| 28) 2,4-Dichlorophenol-d3     | 0.000  | 165  | 0d       | 0.000  | ng/ul |          |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000  | ng/ul |          |
| 46) Dimethylphthalate-d6      | 0.000  | 166  | 0d       | 0.000  | ng/ul |          |
| 49) Acenaphthylene-d8         | 0.000  | 160  | 0d       | 0.000  | ng/ul |          |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/ul |          |
| 60) Fluorene-d10              | 0.000  | 176  | 0d       | 0.000  | ng/ul |          |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/ul |          |
| 73) Anthracene-d10            | 0.000  | 188  | 0d       | 0.000  | ng/ul |          |
| 81) Pyrene-d10                | 0.000  | 212  | 0d       | 0.000  | ng/ul |          |
| 92) Benzo(a)pyrene-d12        | 0.000  | 264  | 0d       | 0.000  | ng/ul |          |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 61) Fluorene                  | 15.222 | 166  | 47878    | 1.559  | ng/ul | 98       |
| 72) Phenanthrene              | 16.998 | 178  | 1069973  | 25.701 | ng/ul | 99       |
| 80) Fluoranthene              | 19.092 | 202  | 1906636  | 44.135 | ng/ul | 99       |
| 82) Pyrene                    | 19.469 | 202  | 751787   | 16.399 | ng/ul | 100      |
| 85) Benzo(a)anthracene        | 21.363 | 228  | 563929   | 11.654 | ng/ul | 99       |
| 87) Chrysene                  | 21.422 | 228  | 835828   | 18.024 | ng/ul | 98       |
| 90) Benzo(b)fluoranthene      | 23.557 | 252  | 395232   | 7.592  | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.621 | 252  | 115874m  | 2.237  | ng/ul |          |
| -----                         |        |      |          |        |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121624\  
Data File : BP023448.D  
Acq On : 17 Dec 2024 00:33  
Operator : RC/JU  
Sample : P5234-06  
Misc : GCMS CONFIRMATION  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AR0

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/18/2024  
Supervised By :mohammad ahmed 12/19/2024

Quant Time: Dec 17 01:04:55 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Dec 11 00:30:30 2024  
Response via : Initial Calibration

