

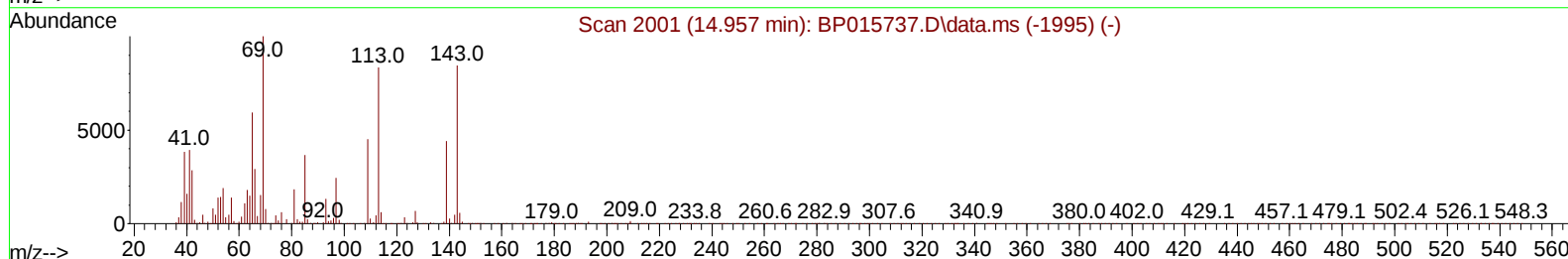
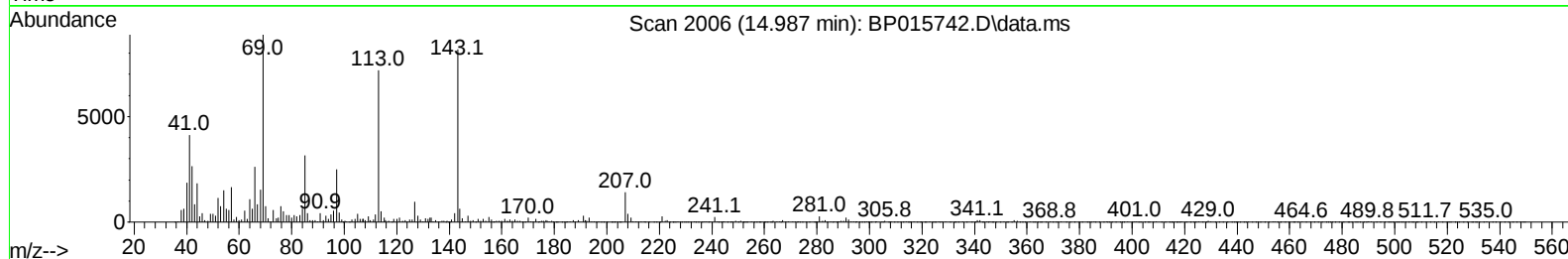
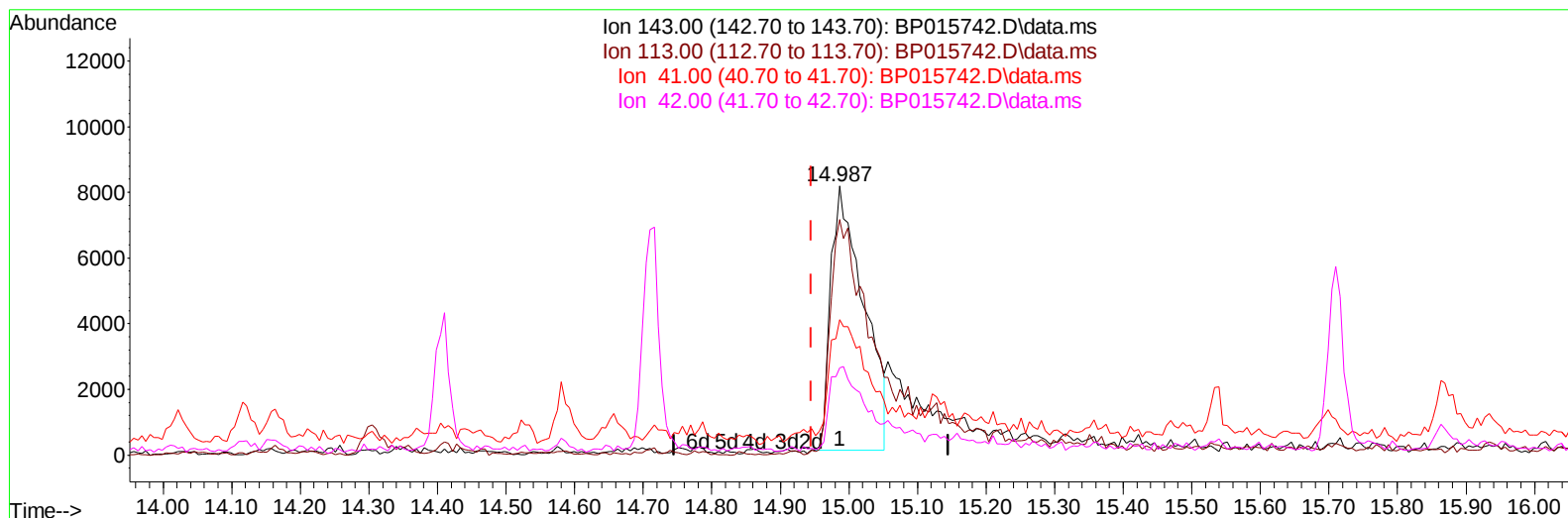
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062723\  
Data File : BP015742.D  
Acq On : 27 Jun 2023 12:23  
Operator : MA/JU  
Sample : 03084-09  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFM6

Manual IntegrationsAPPROVED

Quant Time: Jun 27 22:10:09 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jun 27 00:56:58 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/27/2023  
Supervised By :mohammad ahmed 06/27/2023



TIC: BP015742.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.987min (+ 0.041) 9.23 ng/u1

response 26828

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 94.00  | 87.69  |
| 41.00  | 45.70  | 50.43  |
| 42.00  | 31.20  | 32.43  |

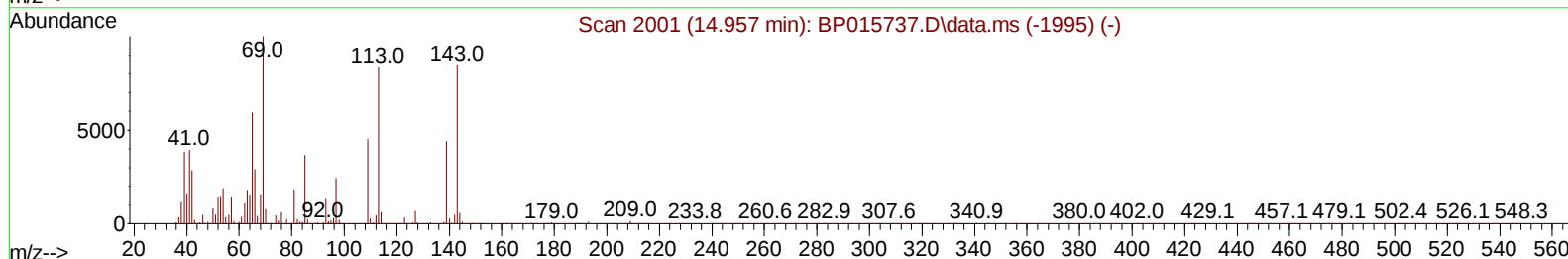
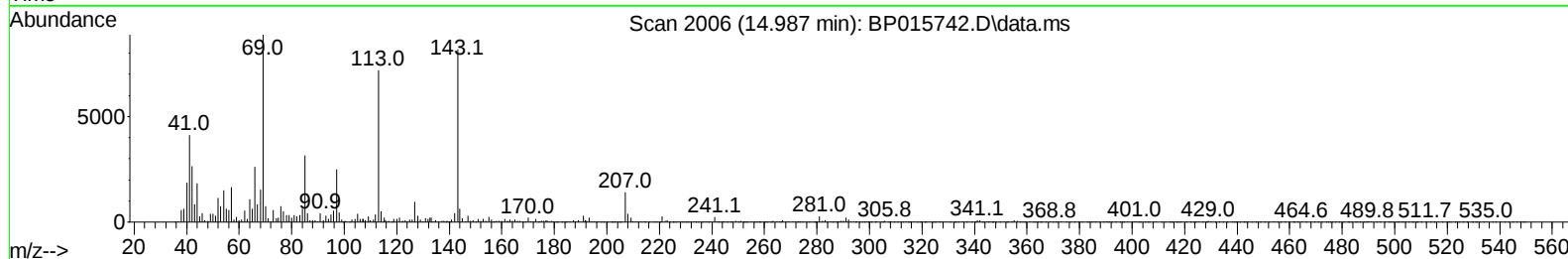
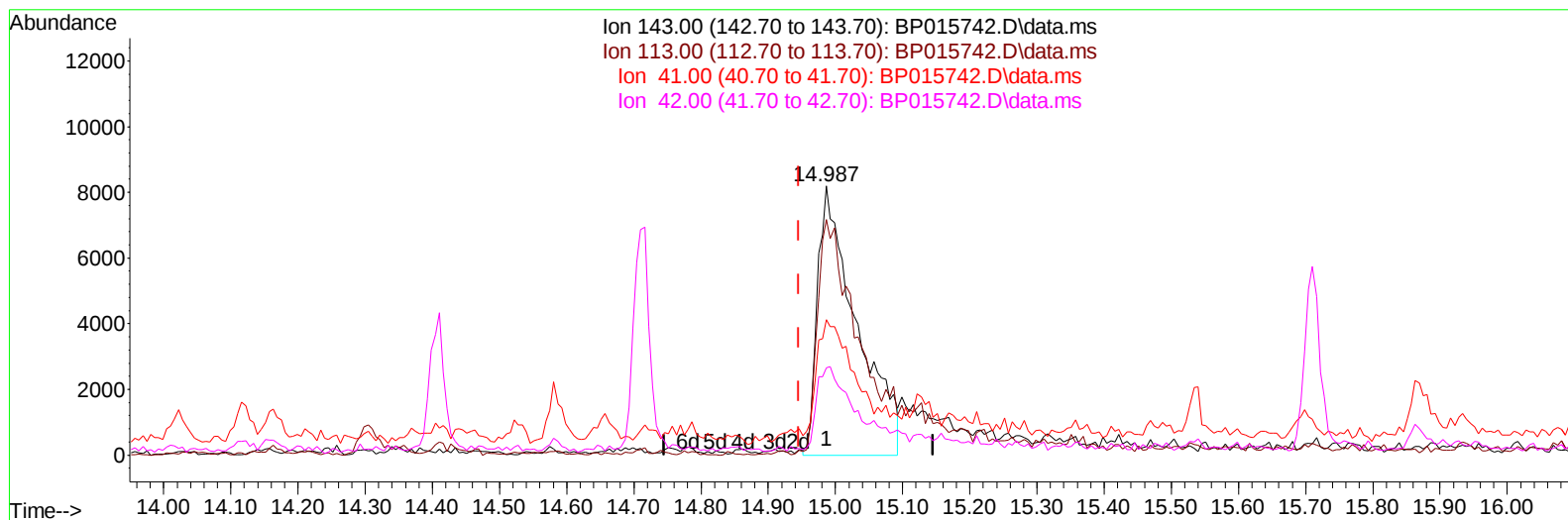
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062723\  
 Data File : BP015742.D  
 Acq On : 27 Jun 2023 12:23  
 Operator : MA/JU  
 Sample : 03084-09  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCFM6

Manual IntegrationsAPPROVED

Quant Time: Jun 27 22:25:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 27 00:56:58 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/27/2023  
 Supervised By :mohammad ahmed 06/27/2023



TIC: BP015742.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

**14.987min (+ 0.041) 11.34 ng/ul m**

**response 32951**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 94.00  | 87.69  |
| 41.00  | 45.70  | 50.43  |
| 42.00  | 31.20  | 32.43  |

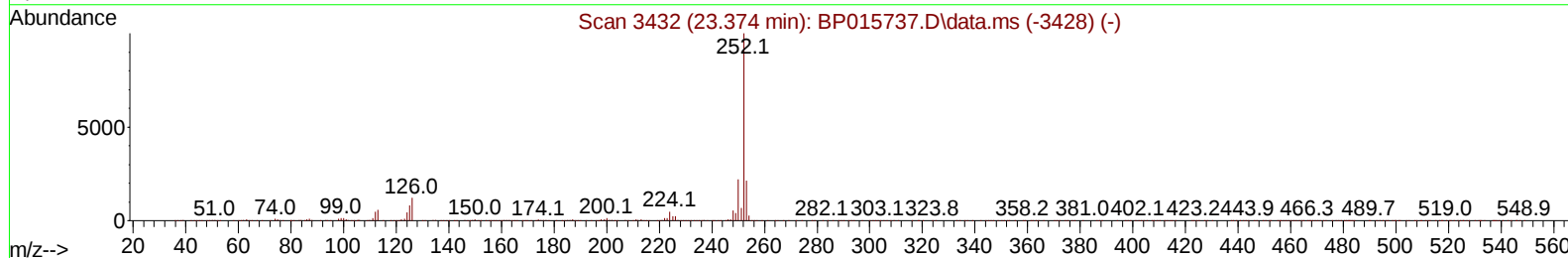
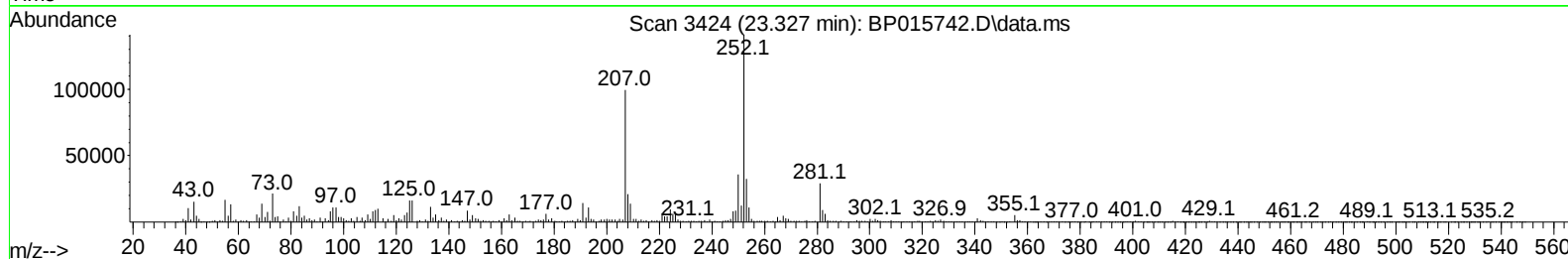
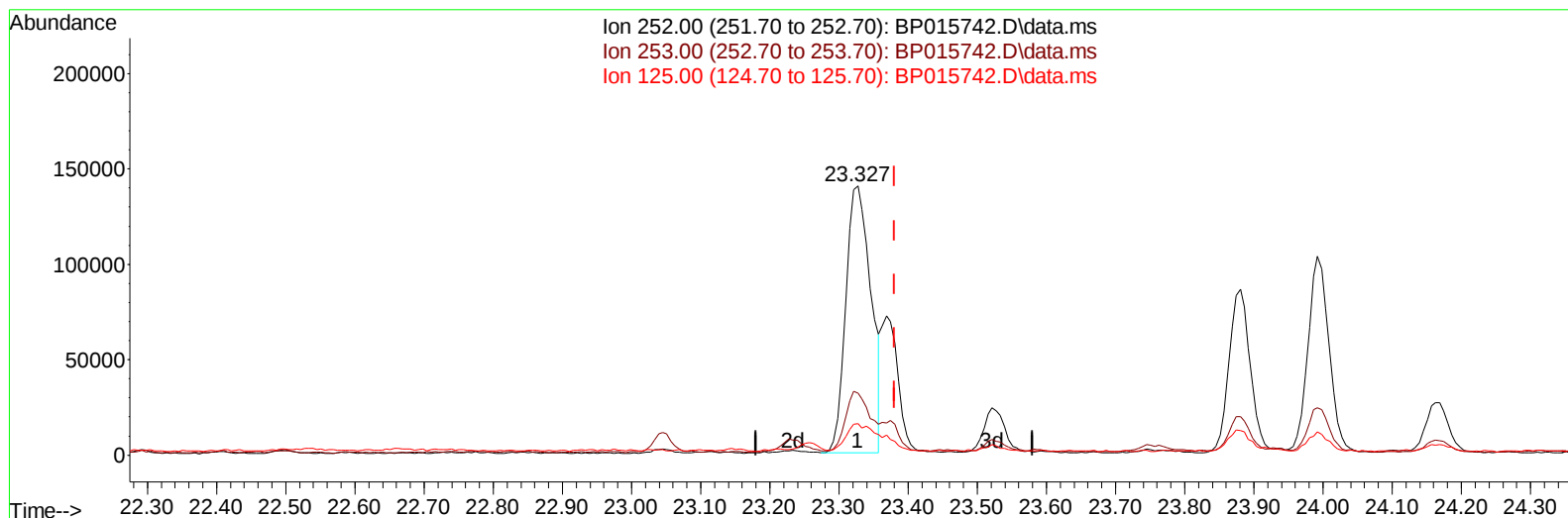
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062723\  
 Data File : BP015742.D  
 Acq On : 27 Jun 2023 12:23  
 Operator : MA/JU  
 Sample : 03084-09  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCFM6

Manual IntegrationsAPPROVED

Quant Time: Jun 27 22:26:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 27 00:56:58 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/27/2023  
 Supervised By :mohammad ahmed 06/27/2023



TIC: BP015742.D\data.ms

(91) Benzo(k)fluoranthene

23.327min (-0.053) 6.61 ng/u1

response 352913

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.20  | 23.10  |
| 125.00 | 9.10   | 11.68# |
| 0.00   | 0.00   | 0.00   |

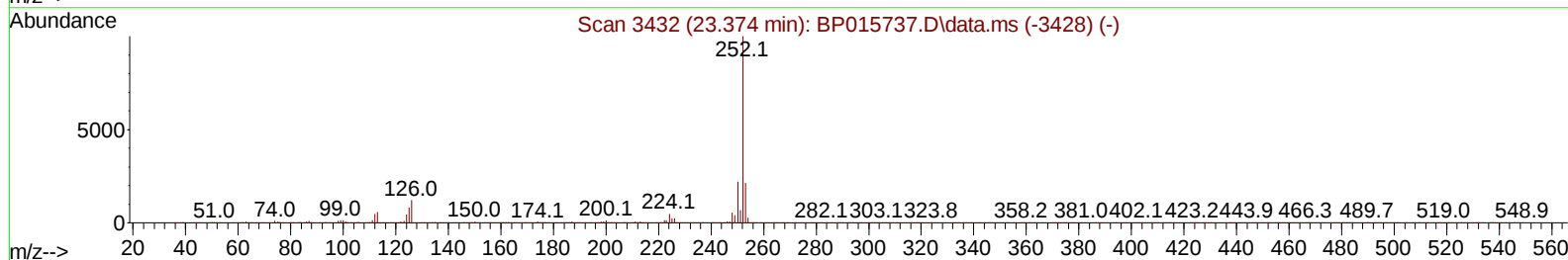
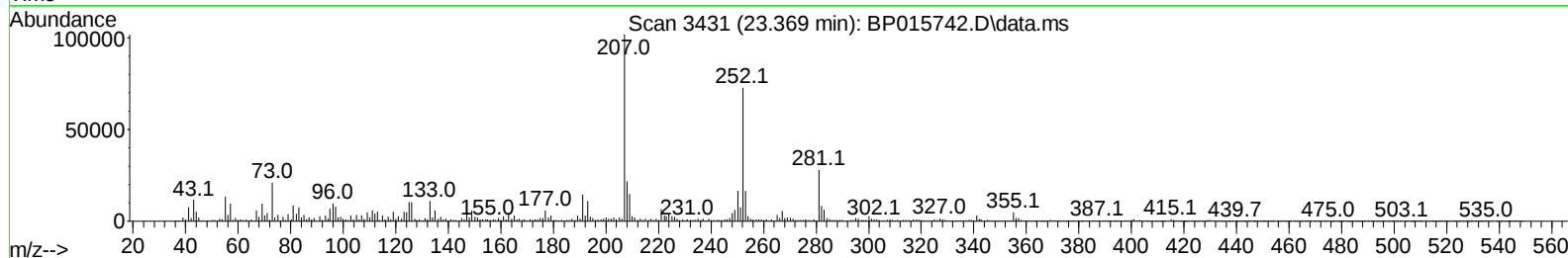
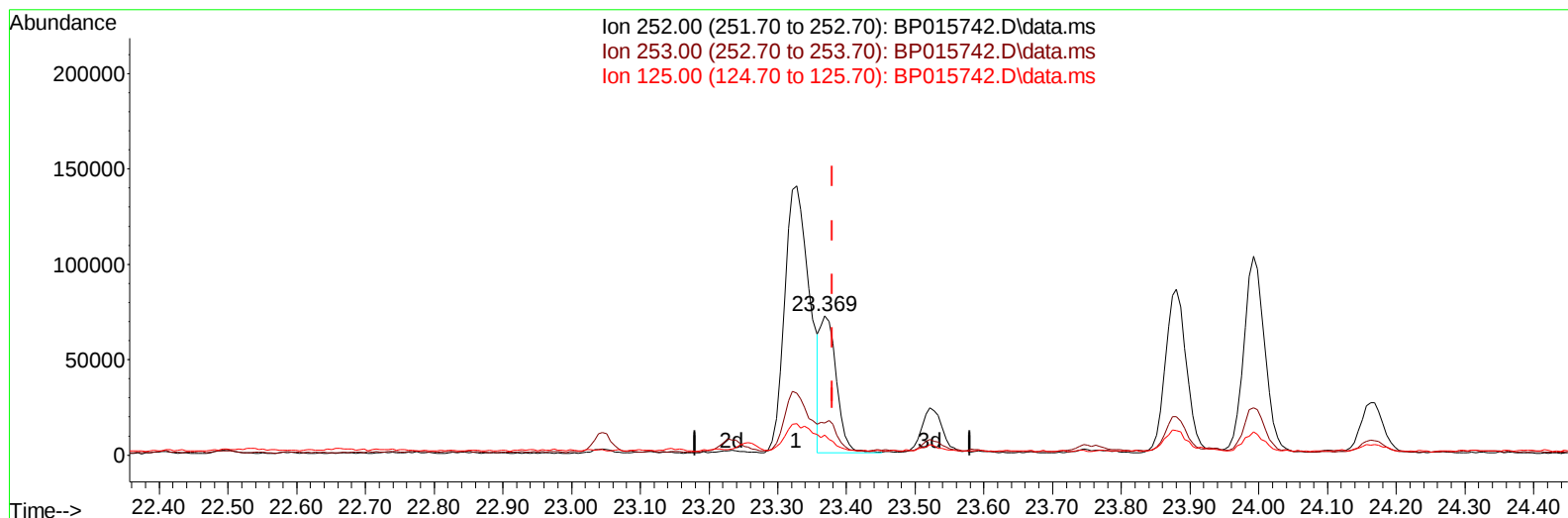
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062723\  
Data File : BP015742.D  
Acq On : 27 Jun 2023 12:23  
Operator : MA/JU  
Sample : 03084-09  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFM6

Manual IntegrationsAPPROVED

Quant Time: Jun 27 22:26:02 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jun 27 00:56:58 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/27/2023  
Supervised By :mohammad ahmed 06/27/2023



TIC: BP015742.D\data.ms

(91) Benzo(k)fluoranthene

23.369min (-0.012) 2.26 ng/u1 m

response 120366

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.20  | 22.90  |
| 125.00 | 9.10   | 14.26# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062723\  
 Data File : BP015742.D  
 Acq On : 27 Jun 2023 12:23  
 Operator : MA/JU  
 Sample : 03084-09  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCFM6

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/27/2023  
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 22:26:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 27 00:56:58 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.063  | 152  | 137625   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.893 | 136  | 502203   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.710 | 164  | 284932   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.475 | 188  | 642060   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.563 | 240  | 667037   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.110 | 264  | 822048   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.387  | 96   | 9811     | 2.565  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul  |          |
| 7) Phenol-d5                  | 7.234  | 99   | 134047   | 11.384 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.387  | 67   | 97950    | 13.445 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.593  | 132  | 127205   | 14.311 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.805  | 113  | 57984    | 6.233  | ng/ul  | 0.02     |
| 21) Nitrobenzene-d5           | 9.252  | 128  | 53772    | 14.010 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.981  | 143  | 60703    | 13.551 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.552 | 165  | 96227    | 12.055 | ng/ul  | 0.03     |
| 31) 4-Chloroaniline-d4        | 11.087 | 131  | 49076    | 4.786  | ng/ul  | 0.05     |
| 46) Dimethylphthalate-d6      | 14.122 | 166  | 341504   | 15.507 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.410 | 160  | 390188   | 15.761 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.987 | 143  | 32951m   | 11.338 | ng/ul  | 0.04     |
| 60) Fluorene-d10              | 15.710 | 176  | 295107   | 16.274 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.869 | 200  | 39749    | 10.067 | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.575 | 188  | 429908   | 14.659 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.798 | 212  | 610054   | 14.006 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.939 | 264  | 657319   | 15.851 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 50) Acenaphthylene            | 14.440 | 152  | 29756    | 1.091  | ng/ul  | 96       |
| 72) Phenanthrene              | 17.516 | 178  | 112869   | 3.236  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.475 | 202  | 373851   | 6.906  | ng/ul  | 99       |
| 82) Pyrene                    | 19.828 | 202  | 311418   | 5.640  | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.545 | 228  | 196043   | 4.178  | ng/ul  | 97       |
| 87) Chrysene                  | 21.598 | 228  | 228100   | 5.124  | ng/ul  | 98       |
| 90) Benzo(b)fluoranthene      | 23.327 | 252  | 352913   | 6.681  | ng/ul# | 96       |
| 91) Benzo(k)fluoranthene      | 23.369 | 252  | 120366m  | 2.255  | ng/ul  |          |
| 93) Benzo(a)pyrene            | 23.992 | 252  | 215574   | 4.671  | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.804 | 276  | 189432   | 3.023  | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 27.639 | 276  | 180142   | 3.495  | ng/ul  | 96       |
| -----                         |        |      |          |        |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062723\  
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Operator : MA/JU  
Sample : 03084-09  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFM6

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/27/2023  
Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 22:26:45 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION  
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