

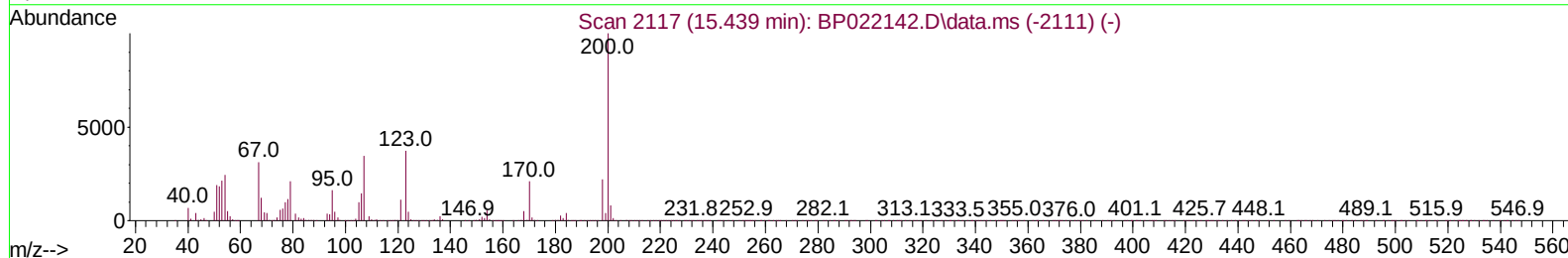
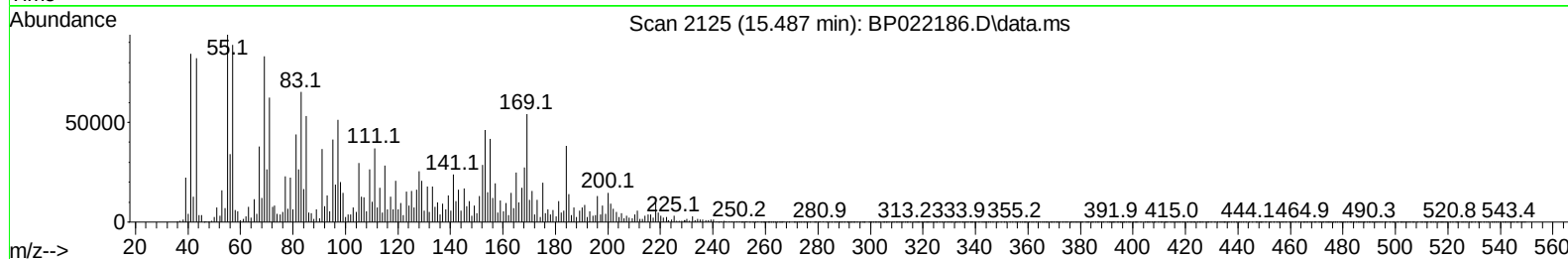
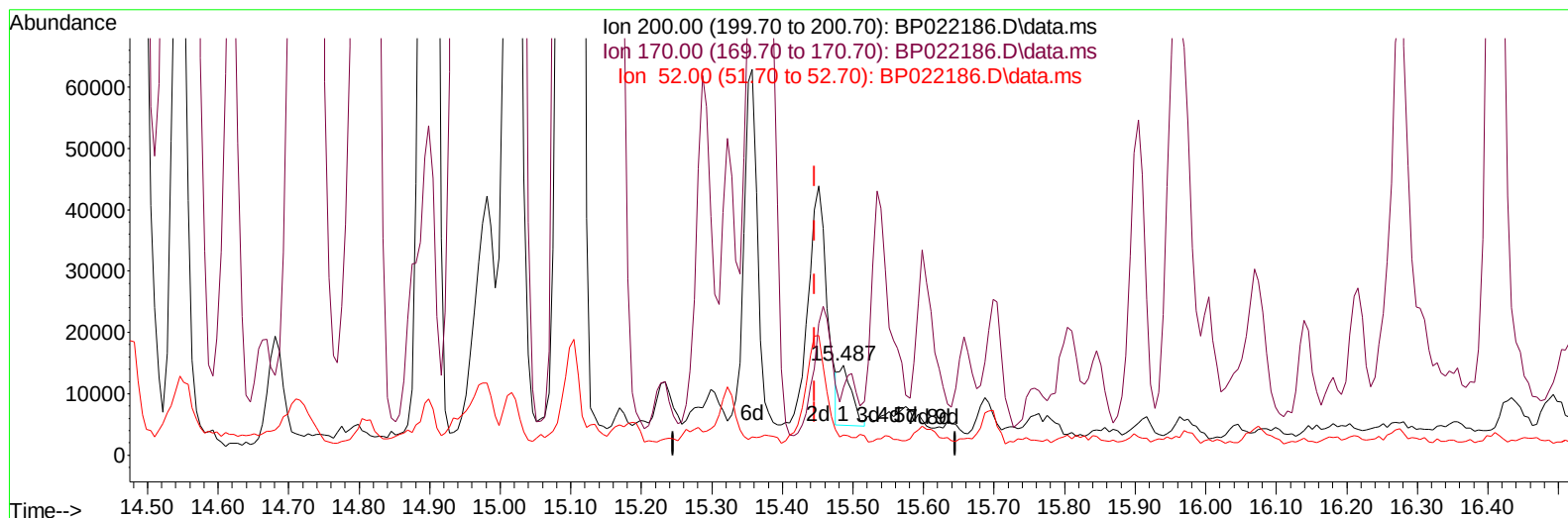
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022186.D  
Acq On : 03 Oct 2024 08:23  
Operator : RC/JU  
Sample : P4017-14  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDC96

Manual IntegrationsAPPROVED

Quant Time: Oct 03 08:58:45 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 24 15:23:13 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/04/2024  
Supervised By :mohammad ahmed 10/05/2024



TIC: BP022186.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.487min (+ 0.041) 2.34 ng/ul

response 12743

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.90  | 75.26# |
| 52.00  | 32.40  | 22.14# |
| 0.00   | 0.00   | 0.00   |

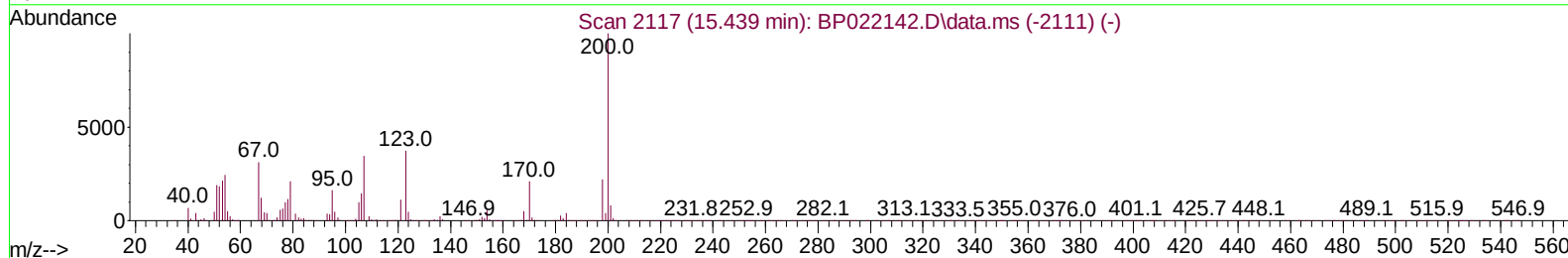
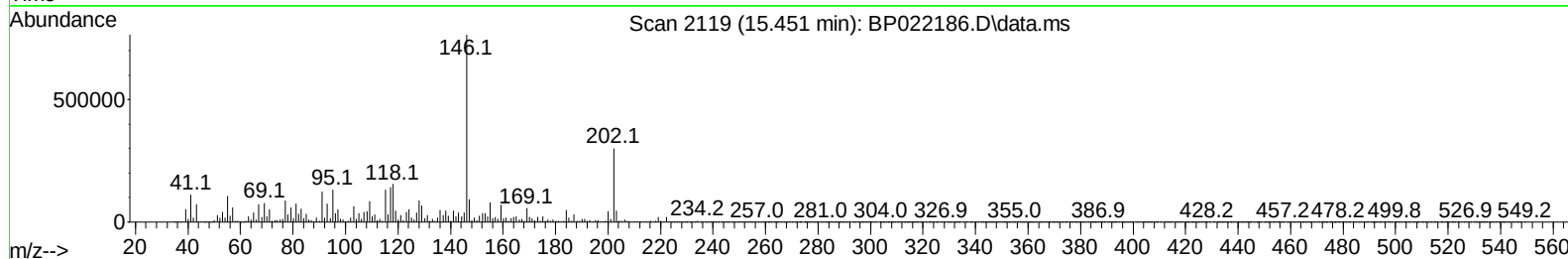
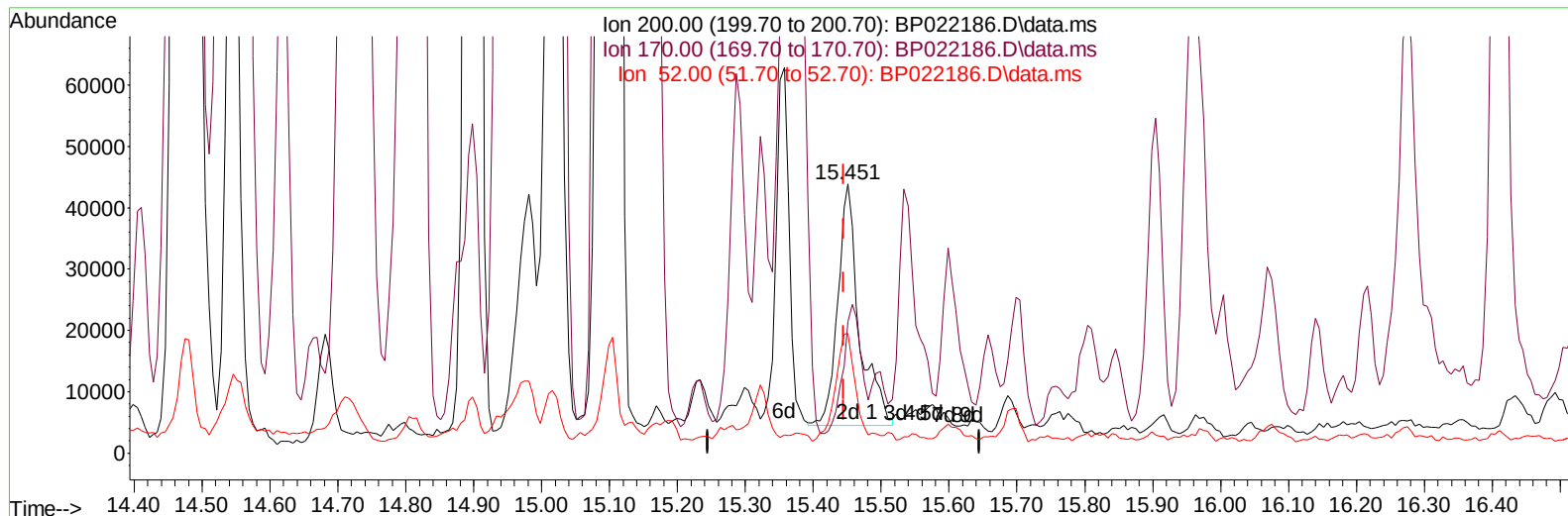
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022186.D  
Acq On : 03 Oct 2024 08:23  
Operator : RC/JU  
Sample : P4017-14  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDC96

Manual IntegrationsAPPROVED

Quant Time: Oct 03 08:58:45 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 24 15:23:13 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/04/2024  
Supervised By :mohammad ahmed 10/05/2024



TIC: BP022186.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.451min (+ 0.006) 15.92 ng/ul m

response 86520

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.90  | 49.01# |
| 52.00  | 32.40  | 44.36# |
| 0.00   | 0.00   | 0.00   |

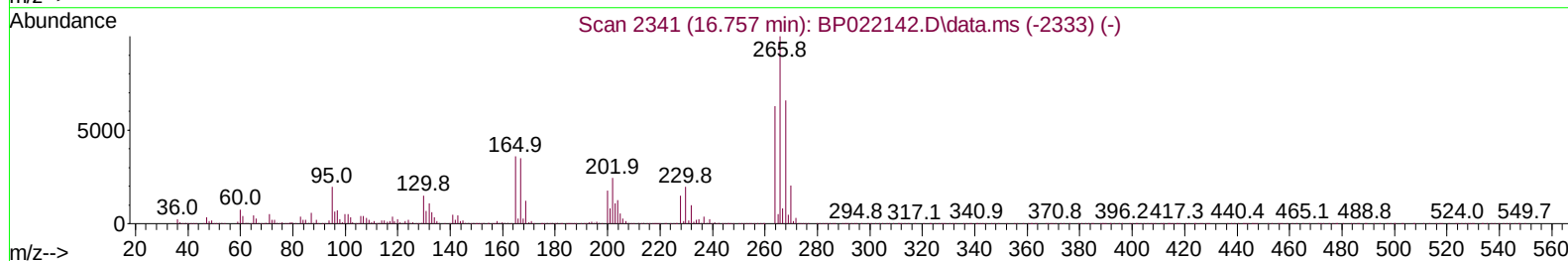
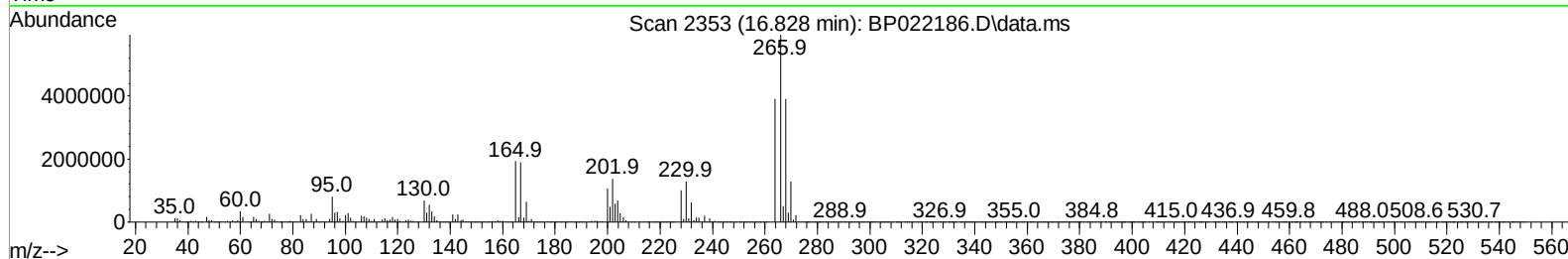
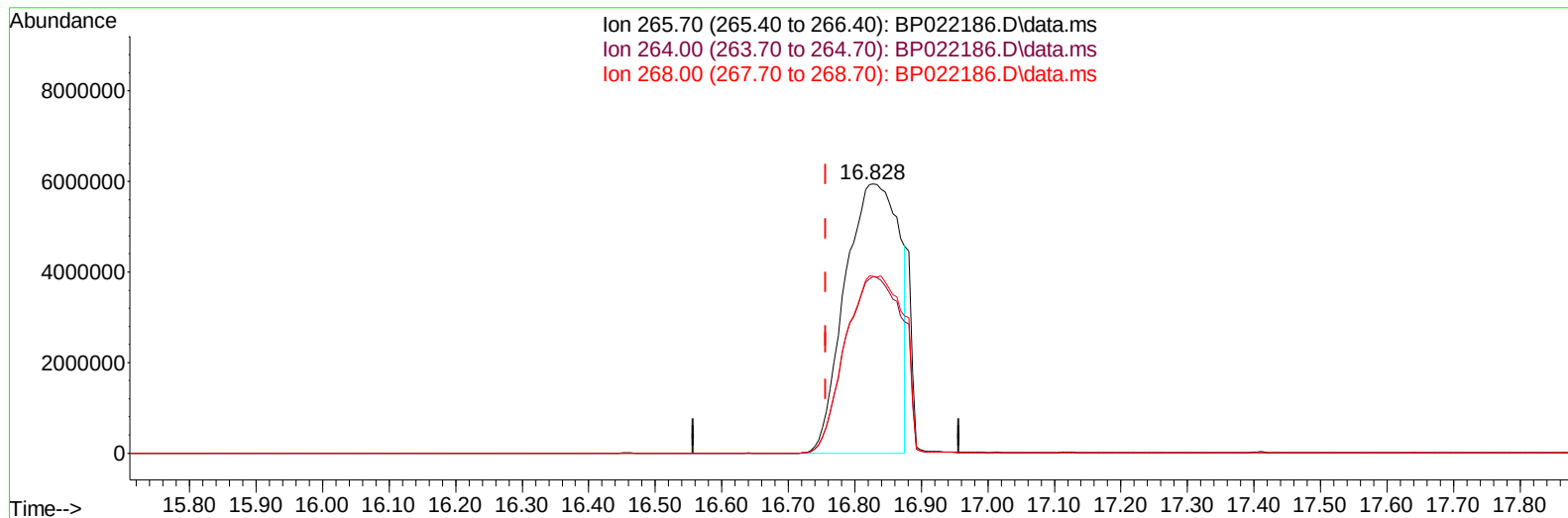
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022186.D  
Acq On : 03 Oct 2024 08:23  
Operator : RC/JU  
Sample : P4017-14  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDC96

Manual IntegrationsAPPROVED

Quant Time: Oct 03 08:58:45 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 24 15:23:13 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/04/2024  
Supervised By :mohammad ahmed 10/05/2024



TIC: BP022186.D\data.ms

(71) Pentachlorophenol (C)

16.828min (+ 0.071) 3956.97 ng/uI

response 33702346

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 62.80  | 65.66  |
| 268.00 | 64.20  | 65.62  |
| 0.00   | 0.00   | 0.00   |

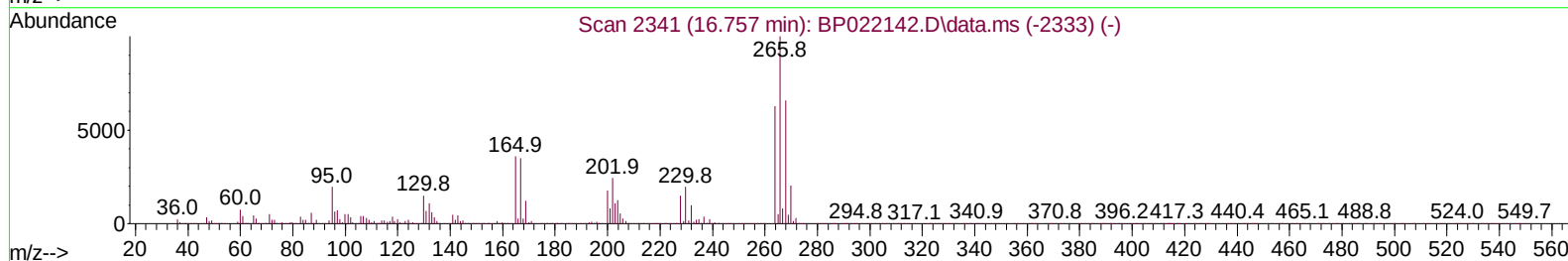
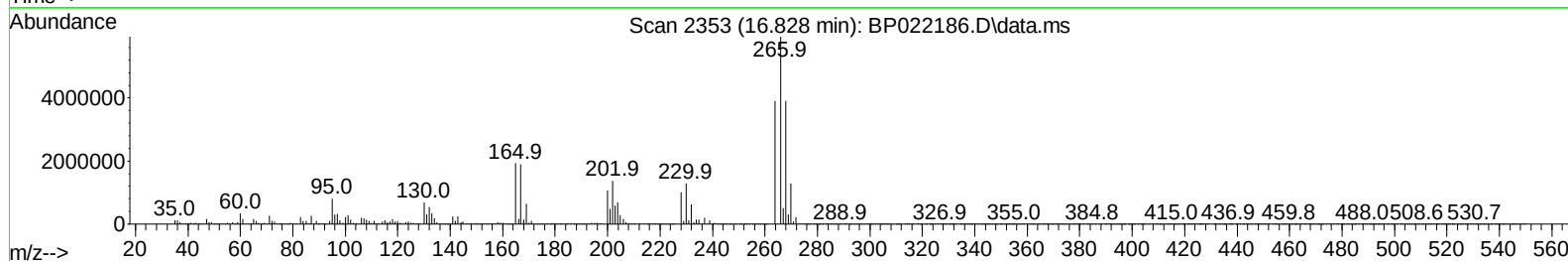
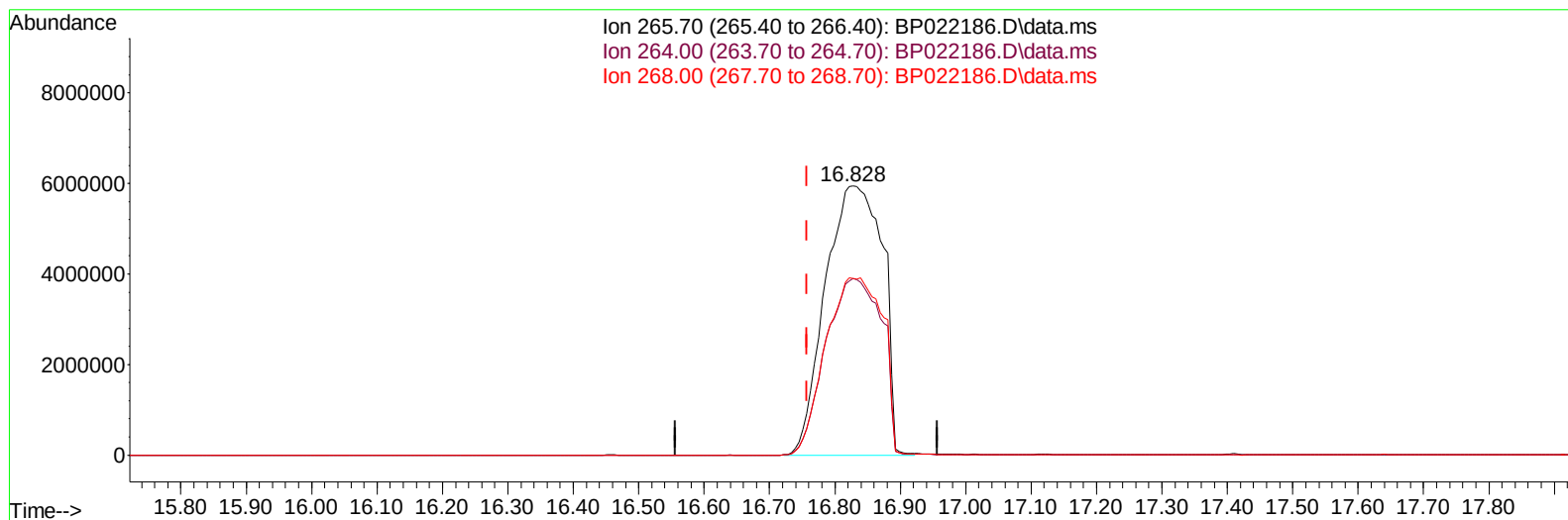
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022186.D  
Acq On : 03 Oct 2024 08:23  
Operator : RC/JU  
Sample : P4017-14  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDC96

Manual IntegrationsAPPROVED

Quant Time: Oct 03 08:58:45 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 24 15:23:13 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/04/2024  
Supervised By :mohammad ahmed 10/05/2024



TIC: BP022186.D\data.ms

(71) Pentachlorophenol (C)

16.828min (+ 0.071) 4232.02 ng/ul m

response 36045018

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 62.80  | 65.66  |
| 268.00 | 64.20  | 65.62  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
 Data File : BP022186.D  
 Acq On : 03 Oct 2024 08:23  
 Operator : RC/JU  
 Sample : P4017-14  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DDC96

Manual IntegrationsAPPROVED

Quant Time: Oct 03 09:02:02 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 24 15:23:13 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/04/2024  
 Supervised By :mohammad ahmed 10/05/2024

| Compound                      | R.T.   | QIon | Response  | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|-----------|----------|--------|----------|
| -----                         |        |      |           |          |        |          |
| Internal Standards            |        |      |           |          |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.705  | 152  | 134880    | 20.000   | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.469 | 136  | 528899    | 20.000   | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.322 | 164  | 386824    | 20.000   | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.145 | 188  | 875472    | 20.000   | ng/ul  | 0.03     |
| 79) Chrysene-d12              | 21.545 | 240  | 887078    | 20.000   | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.839 | 264  | 1075873   | 20.000   | ng/ul  | 0.02     |
| System Monitoring Compounds   |        |      |           |          |        |          |
| 3) 1,4-Dioxane-d8             | 3.223  | 96   | 9448      | 2.744    | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.640  | 84   | 91266     | 9.272    | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.899  | 99   | 214542    | 19.445   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.046  | 67   | 152451    | 22.439   | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.252  | 132  | 157469    | 19.726   | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.411  | 113  | 84552     | 9.671    | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.846  | 128  | 93905     | 23.722   | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.558  | 143  | 96019     | 21.392   | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.116 | 165  | 186408    | 19.124   | ng/ul  | 0.02     |
| 31) 4-Chloroaniline-d4        | 10.581 | 131  | 233167    | 20.048   | ng/ul  | -0.02    |
| 46) Dimethylphthalate-d6      | 13.722 | 166  | 596289    | 19.941   | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.010 | 160  | 653040    | 20.628   | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.546 | 143  | 146335    | 28.610   | ng/ul  | 0.02     |
| 60) Fluorene-d10              | 15.322 | 176  | 531814    | 20.106   | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.451 | 200  | 86520m    | 15.918   | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.240 | 188  | 853202    | 20.876   | ng/ul  | 0.02     |
| 81) Pyrene-d10                | 19.592 | 212  | 989229    | 21.525   | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.598 | 264  | 1135382   | 20.064   | ng/ul  | -0.01    |
| Target Compounds              |        |      |           |          |        |          |
|                               |        |      |           |          |        | Qvalue   |
| 29) 2,4-Dichlorophenol        | 10.134 | 162  | 24183     | 2.497    | ng/ul# | 89       |
| 30) Naphthalene               | 10.516 | 128  | 1490119   | 53.545   | ng/ul  | 98       |
| 36) 2-Methylnaphthalene       | 12.134 | 142  | 2312146   | 111.798  | ng/ul  | 98       |
| 37) 1-Methylnaphthalene       | 12.346 | 142  | 1337238   | 64.112   | ng/ul  | 100      |
| 41) 2,4,6-Trichlorophenol     | 12.757 | 196  | 65028     | 7.585    | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.834 | 196  | 24457     | 2.634    | ng/ul  | 93       |
| 43) 1,1'-Biphenyl             | 13.146 | 154  | 251873    | 9.105    | ng/ul# | 92       |
| 52) Acenaphthene              | 14.387 | 153  | 146953    | 6.126    | ng/ul  | 90       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.981 | 232  | 7830544   | 876.203  | ng/ul  | 96       |
| 61) Fluorene                  | 15.381 | 166  | 224087    | 7.555    | ng/ul# | 82       |
| 71) Pentachlorophenol         | 16.828 | 266  | 36045018m | 4232.020 | ng/ul  |          |
| 72) Phenanthrene              | 17.187 | 178  | 919102    | 20.023   | ng/ul  | 96       |
| 80) Fluoranthene              | 19.245 | 202  | 105937    | 2.017    | ng/ul# | 83       |
| 82) Pyrene                    | 19.622 | 202  | 125428    | 2.218    | ng/ul# | 83       |
| 86) Bis(2-ethylhexyl)phtha... | 21.457 | 149  | 64119     | 2.218    | ng/ul# | 86       |
| -----                         |        |      |           |          |        |          |

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

