

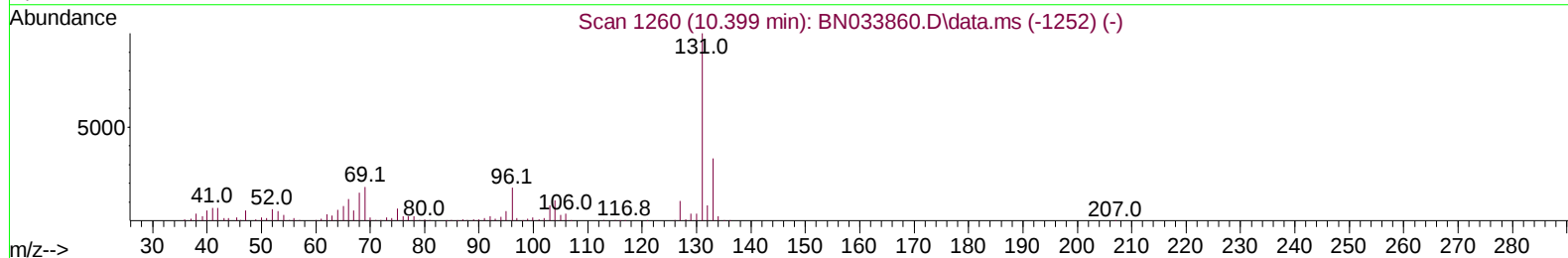
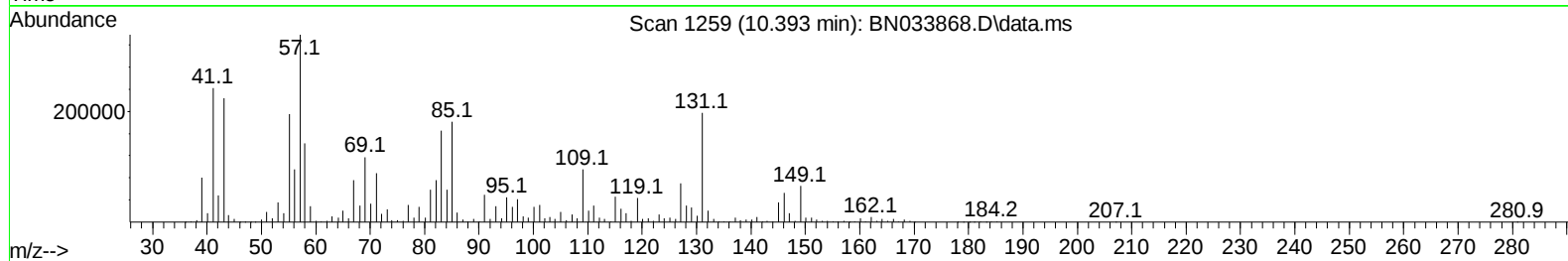
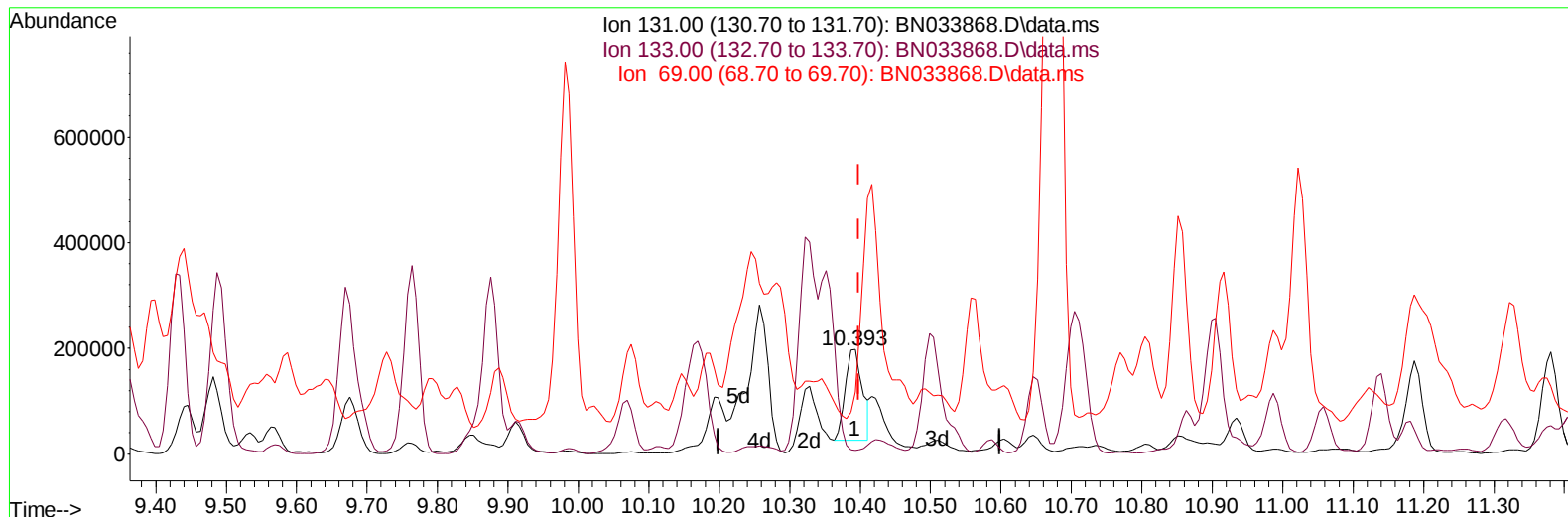
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091124\  
Data File : BN033868.D  
Acq On : 11 Sep 2024 19:33  
Operator : JU/RC  
Sample : P3878-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DDC04

Manual IntegrationsAPPROVED

Quant Time: Sep 12 02:04:15 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 11 01:58:59 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/12/2024  
Supervised By :mohammad ahmed 09/13/2024



TIC: BN033868.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.393min (-0.006) 11.75 ng/ul

response 287345

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.00  | 3.23#  |
| 69.00  | 17.80  | 59.48# |
| 0.00   | 0.00   | 0.00   |

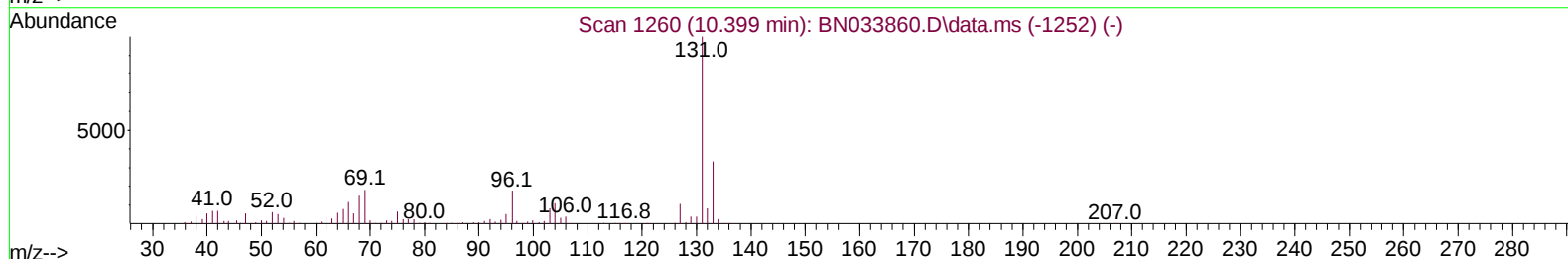
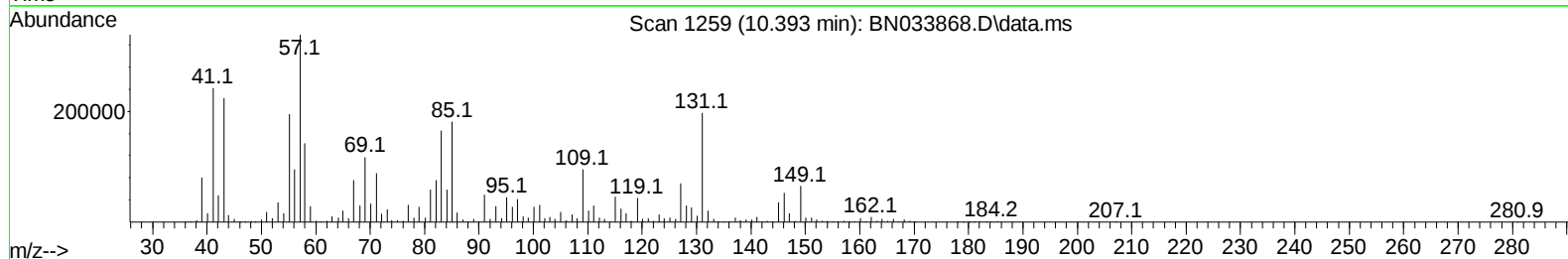
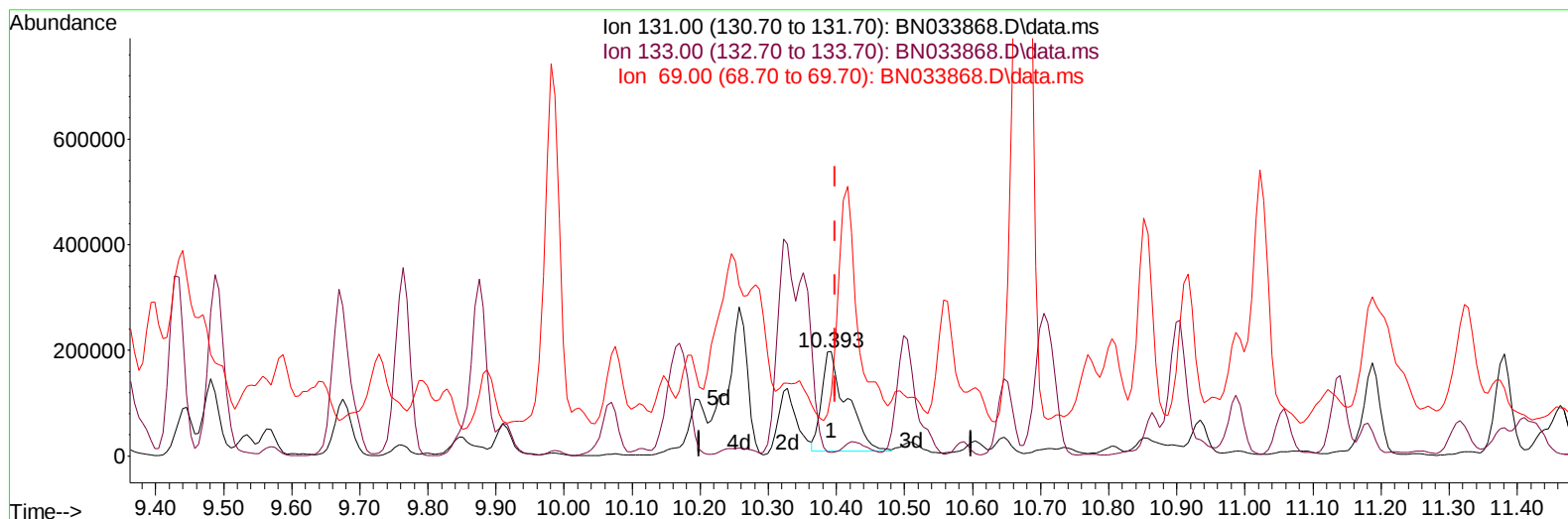
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091124\  
Data File : BN033868.D  
Acq On : 11 Sep 2024 19:33  
Operator : JU/RC  
Sample : P3878-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DDC04

Manual IntegrationsAPPROVED

Quant Time: Sep 12 02:04:15 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 11 01:58:59 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/12/2024  
Supervised By :mohammad ahmed 09/13/2024



TIC: BN033868.D\data.ms

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

**10.393min (-0.006) 19.65 ng/ul m**

**response 480412**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.00  | 3.23#  |
| 69.00  | 17.80  | 59.48# |
| 0.00   | 0.00   | 0.00   |

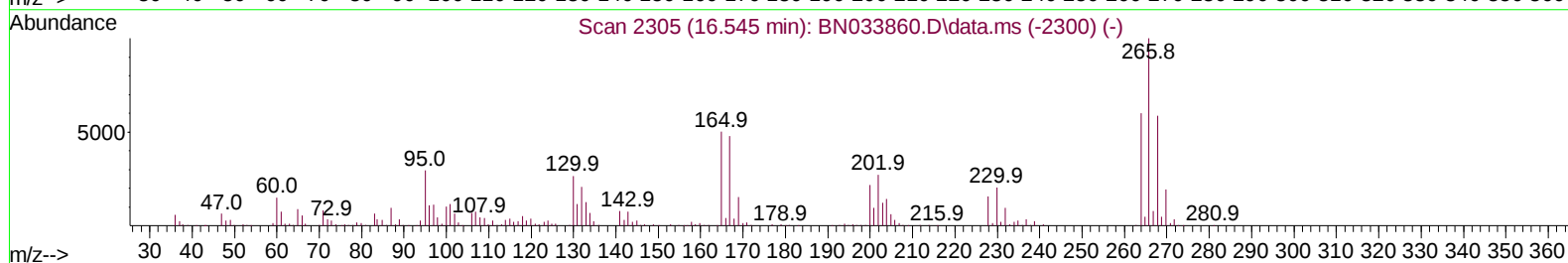
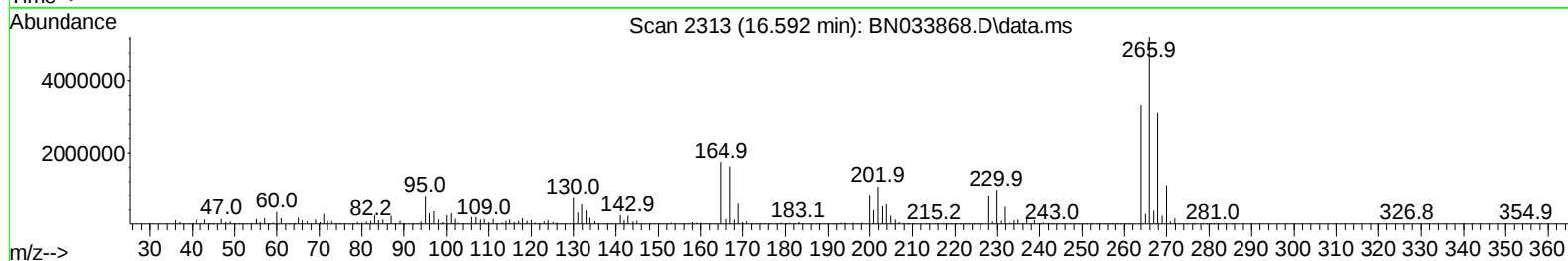
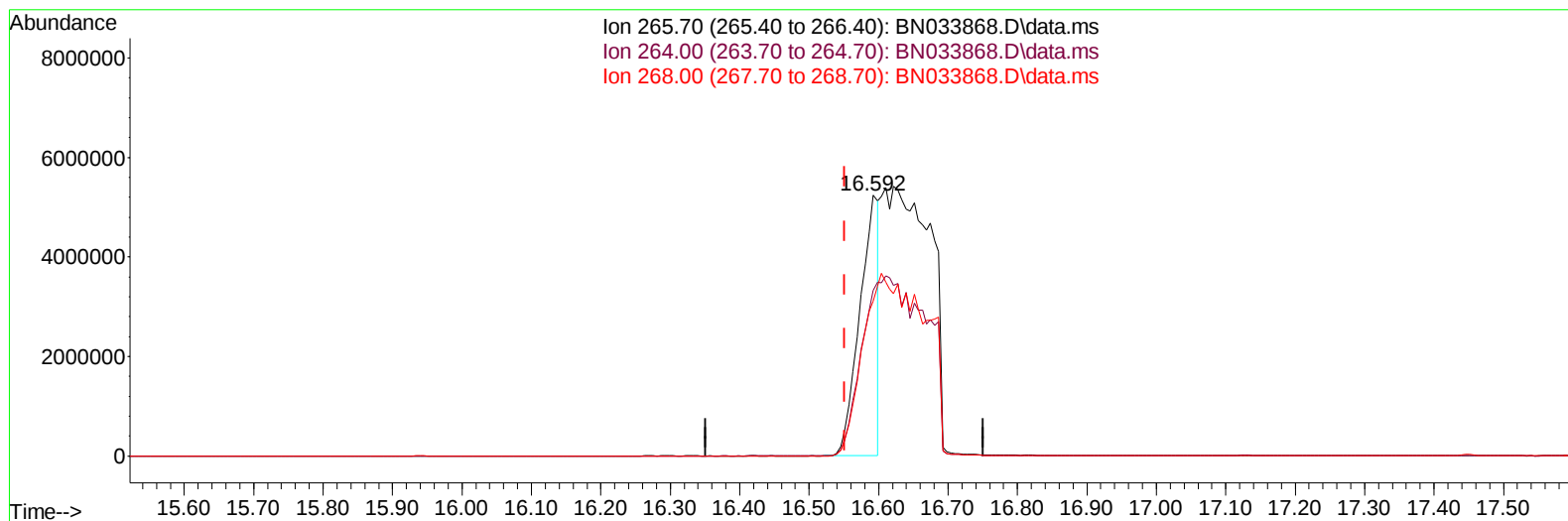
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091124\  
Data File : BN033868.D  
Acq On : 11 Sep 2024 19:33  
Operator : JU/RC  
Sample : P3878-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DDC04

Manual IntegrationsAPPROVED

Quant Time: Sep 12 02:06:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 11 01:58:59 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/12/2024  
Supervised By :mohammad ahmed 09/13/2024



TIC: BN033868.D\data.ms

(71) Pentachlorophenol (C)

16.592min (+ 0.041) 761.74 ng/u1

response 9836655

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 63.90  | 63.37  |
| 268.00 | 66.00  | 59.31  |
| 0.00   | 0.00   | 0.00   |

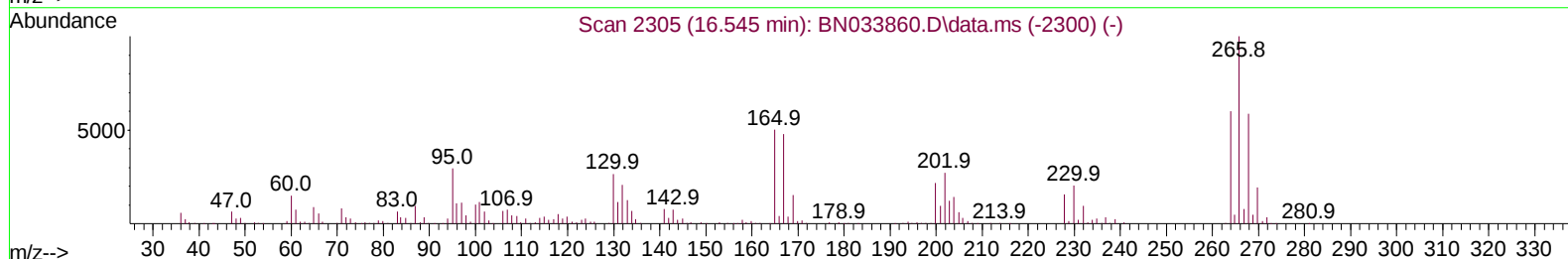
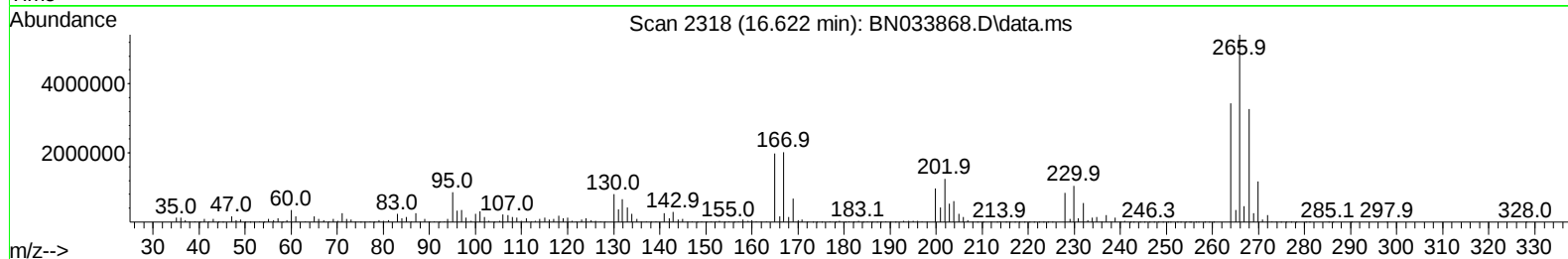
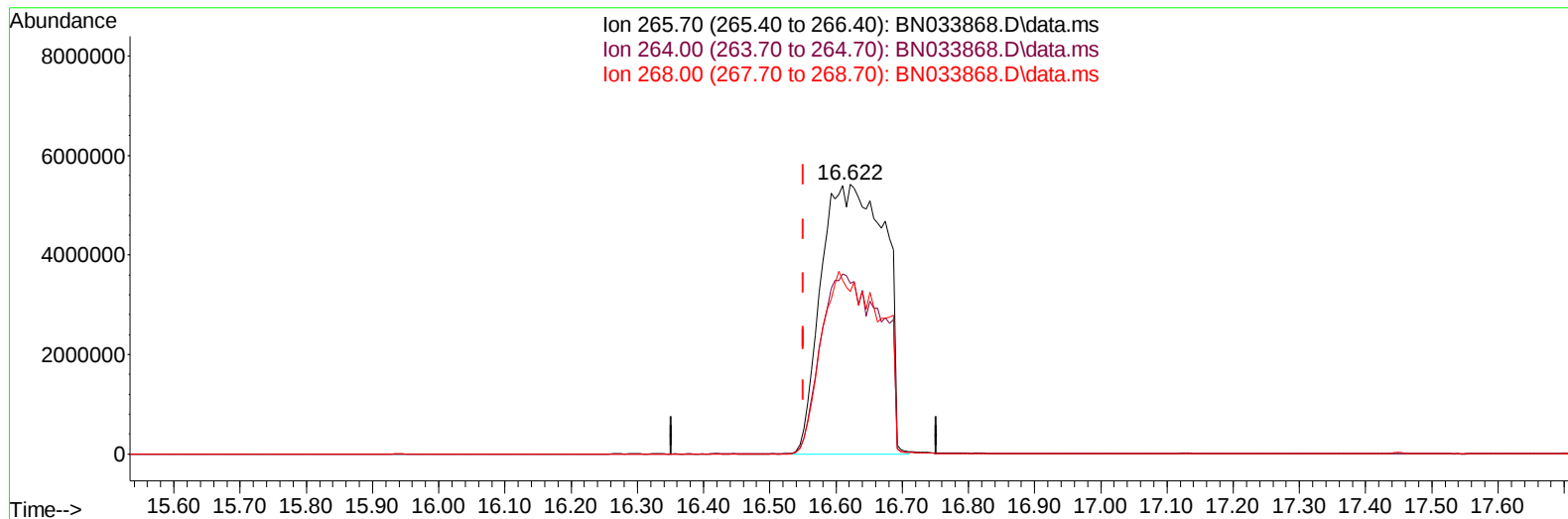
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091124\  
Data File : BN033868.D  
Acq On : 11 Sep 2024 19:33  
Operator : JU/RC  
Sample : P3878-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DDC04

Manual IntegrationsAPPROVED

Quant Time: Sep 12 02:06:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 11 01:58:59 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/12/2024  
Supervised By :mohammad ahmed 09/13/2024



TIC: BN033868.D\data.ms

(71) Pentachlorophenol (C)

16.622min (+ 0.071) 2780.10 ng/ul m

response 35900653

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 63.90  | 63.30  |
| 268.00 | 66.00  | 60.36  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091124\  
 Data File : BN033868.D  
 Acq On : 11 Sep 2024 19:33  
 Operator : JU/RC  
 Sample : P3878-15  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DDC04

Manual IntegrationsAPPROVED

Quant Time: Sep 12 03:08:43 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 11 01:58:59 2024  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/12/2024  
 Supervised By :mohammad ahmed 09/13/2024

| Compound                      | R.T.   | QIon | Response  | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|-----------|----------|--------|----------|
| -----                         |        |      |           |          |        |          |
| Internal Standards            |        |      |           |          |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.505  | 152  | 239306    | 20.000   | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.269 | 136  | 1046087   | 20.000   | ng/ul  | # 0.01   |
| 38) Acenaphthene-d10          | 14.151 | 164  | 787027    | 20.000   | ng/ul  | 0.01     |
| 64) Phenanthrene-d10          | 16.934 | 188  | 1645053   | 20.000   | ng/ul  | # 0.04   |
| 79) Chrysene-d12              | 21.133 | 240  | 1689920   | 20.000   | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.921 | 264  | 2135617   | 20.000   | ng/ul  | 0.01     |
| System Monitoring Compounds   |        |      |           |          |        |          |
| 3) 1,4-Dioxane-d8             | 3.117  | 96   | 20673     | 3.525    | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.517  | 84   | 55087     | 3.160    | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 6.716  | 99   | 645123    | 30.375   | ng/ul  | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.852  | 67   | 396521    | 30.091   | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.058  | 132  | 503706    | 30.130   | ng/ul  | 0.02     |
| 15) 4-Methylphenol-d8         | 8.228  | 113  | 517344    | 29.604   | ng/ul  | 0.02     |
| 21) Nitrobenzene-d5           | 8.652  | 128  | 264018    | 31.665   | ng/ul  | 0.01     |
| 24) 2-Nitrophenol-d4          | 9.363  | 143  | 276209    | 32.215   | ng/ul  | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 9.916  | 165  | 527162    | 32.647   | ng/ul  | 0.03     |
| 31) 4-Chloroaniline-d4        | 10.393 | 131  | 480412m   | 19.652   | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.569 | 166  | 1588724   | 27.011   | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.840 | 160  | 1896770   | 28.666   | ng/ul  | 0.01     |
| 54) 4-Nitrophenol-d4          | 14.387 | 143  | 348718    | 28.889   | ng/ul  | 0.02     |
| 60) Fluorene-d10              | 15.157 | 176  | 1480574   | 29.702   | ng/ul  | 0.01     |
| 65) 4,6-Dinitro-2-methylph... | 15.281 | 200  | 81667     | 8.326    | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.028 | 188  | 2288024   | 29.583   | ng/ul  | 0.04     |
| 81) Pyrene-d10                | 19.316 | 212  | 2750756   | 29.214   | ng/ul  | 0.02     |
| 92) Benzo(a)pyrene-d12        | 23.733 | 264  | 3261908   | 29.734   | ng/ul  | 0.01     |
| Target Compounds              |        |      |           |          |        |          |
|                               |        |      |           |          | Qvalue |          |
| 30) Naphthalene               | 10.316 | 128  | 2010540   | 35.137   | ng/ul  | 96       |
| 36) 2-Methylnaphthalene       | 11.946 | 142  | 3821968   | 96.969   | ng/ul  | 98       |
| 37) 1-Methylnaphthalene       | 12.169 | 142  | 2292048   | 57.450   | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.569 | 196  | 28015     | 1.860    | ng/ul  | 93       |
| 42) 2,4,5-Trichlorophenol     | 12.646 | 196  | 36021     | 2.177    | ng/ul  | 93       |
| 43) 1,1'-Biphenyl             | 12.975 | 154  | 422347    | 7.118    | ng/ul  | 93       |
| 52) Acenaphthene              | 14.210 | 153  | 130452    | 2.524    | ng/ul# | 85       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.810 | 232  | 6415309   | 467.271  | ng/ul# | 88       |
| 61) Fluorene                  | 15.210 | 166  | 386569    | 6.685    | ng/ul# | 89       |
| 71) Pentachlorophenol         | 16.622 | 266  | 35900653m | 2780.095 | ng/ul  |          |
| 72) Phenanthrene              | 16.975 | 178  | 1873042   | 20.649   | ng/ul  | 96       |
| 86) Bis(2-ethylhexyl)phtha... | 21.075 | 149  | 124004    | 1.596    | ng/ul# | 86       |
| -----                         |        |      |           |          |        |          |

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

