

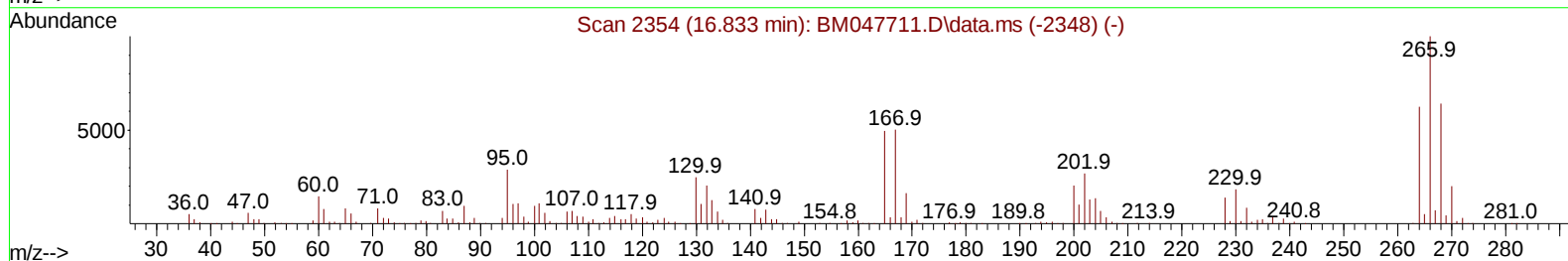
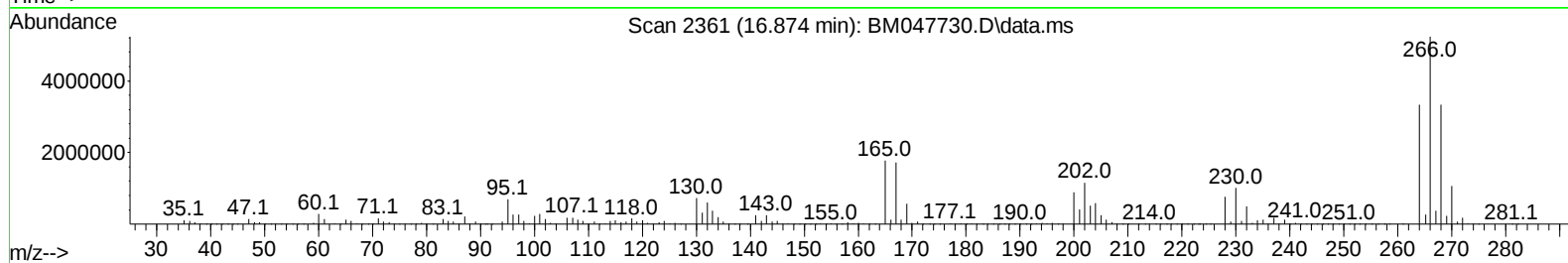
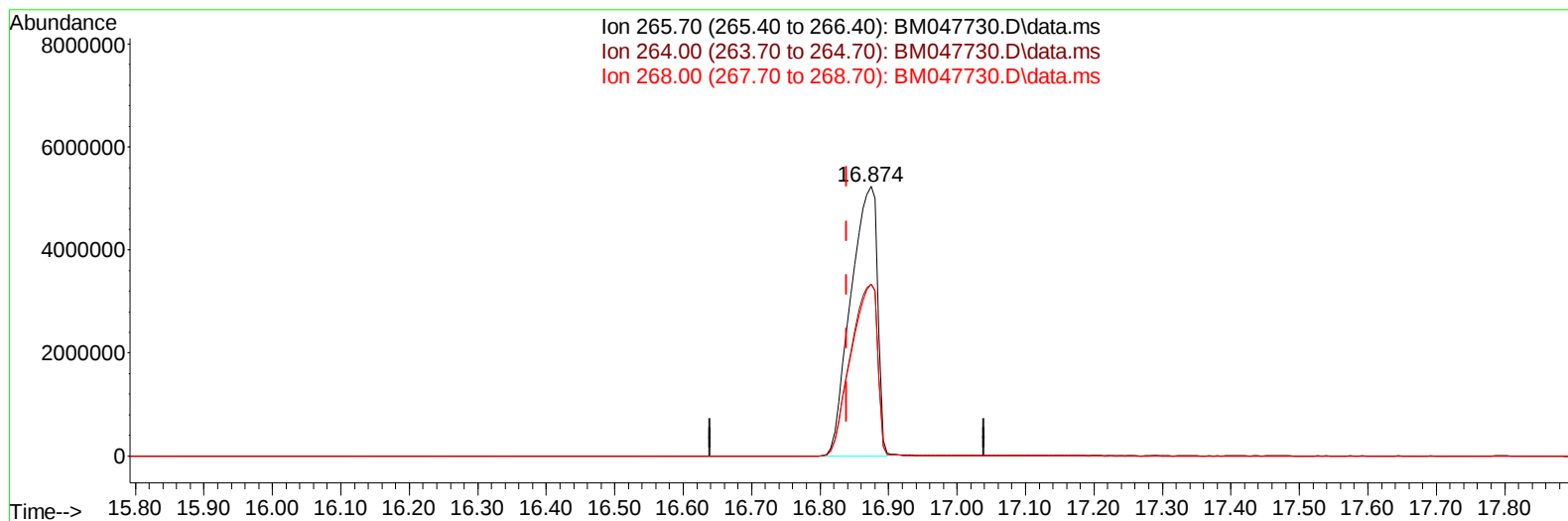
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047730.D  
Acq On : 30 Sep 2024 23:50  
Operator : RC/JU  
Sample : P4018-13  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCE0

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/01/2024  
Supervised By :mohammad ahmed 10/01/2024

Quant Time: Oct 01 00:26:46 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Sep 28 02:30:36 2024  
Response via : Initial Calibration



TIC: BM047730.D\data.ms

## (71) Pentachlorophenol (C)

16.874min (+ 0.035) 1520.23 ng/u1

response 14149554

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 62.70  | 63.88  |
| 268.00 | 63.60  | 63.75  |
| 0.00   | 0.00   | 0.00   |

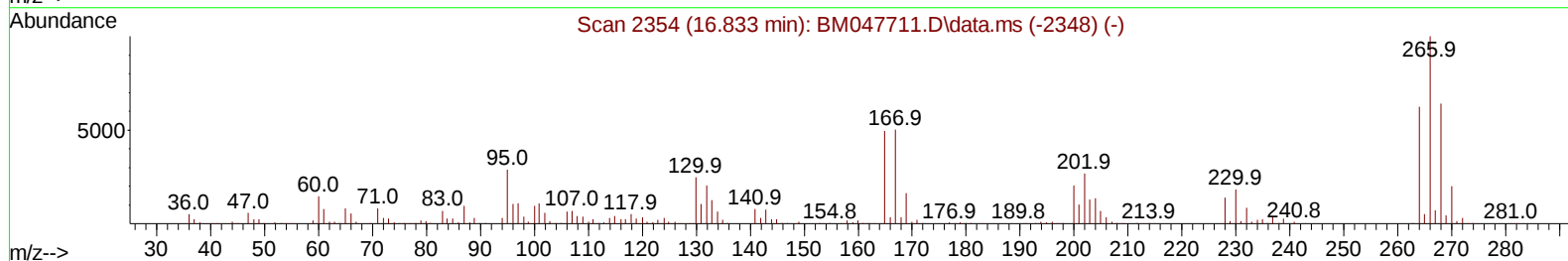
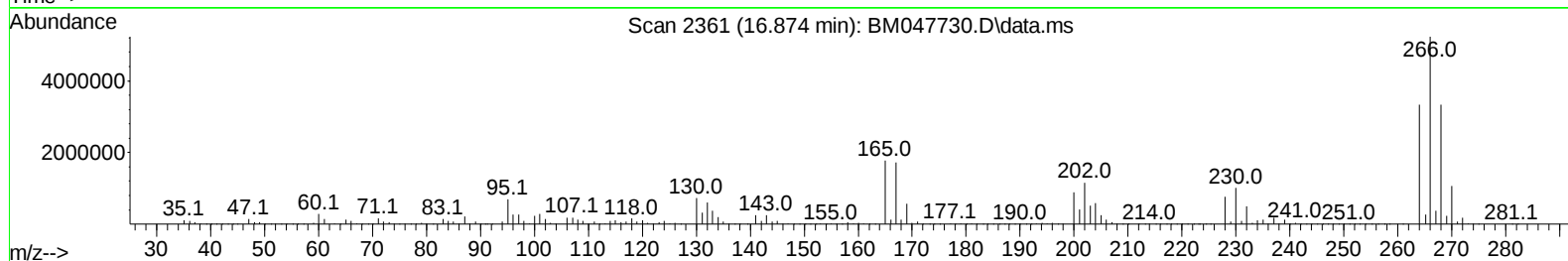
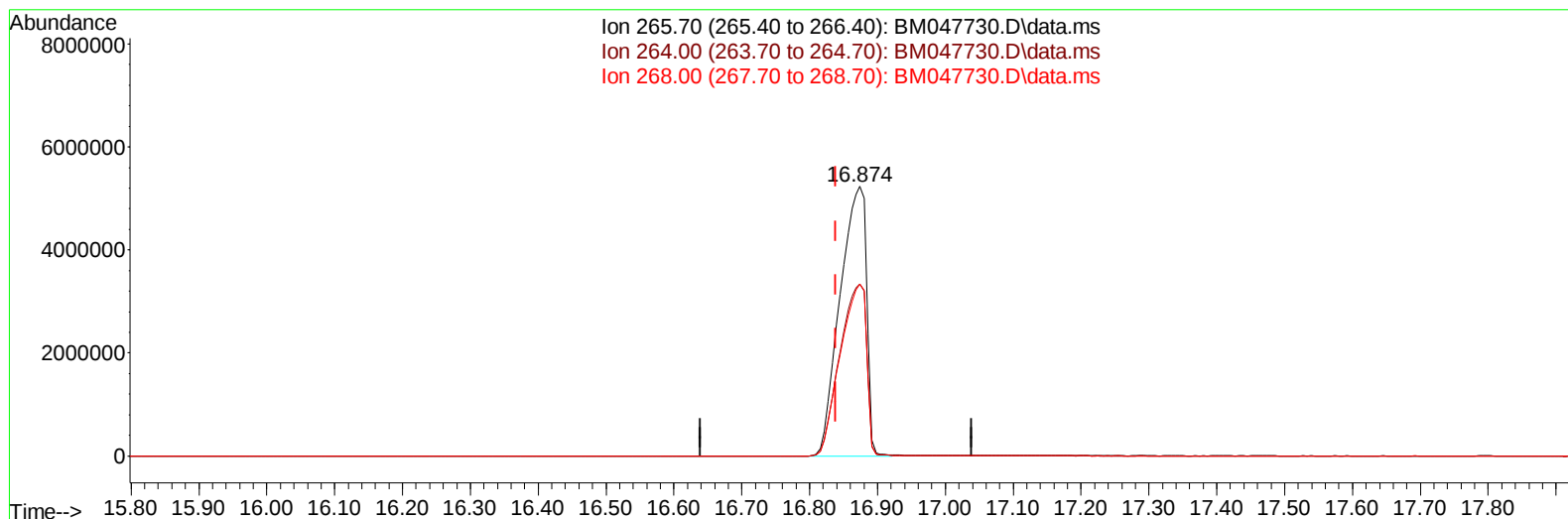
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TIC: BM047730.D\data.ms

(71) Pentachlorophenol (C)

16.874min (+ 0.035) 1524.12 ng/ul m

response 14185815

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 62.70  | 63.88  |
| 268.00 | 63.60  | 63.75  |
| 0.00   | 0.00   | 0.00   |

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## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/01/2024  
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Quant Time: Oct 01 00:31:54 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 28 02:30:36 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response  | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|-----------|----------|--------|----------|
| -----                         |        |      |           |          |        |          |
| Internal Standards            |        |      |           |          |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.810  | 152  | 253262    | 20.000   | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.604 | 136  | 1055947   | 20.000   | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.445 | 164  | 642376    | 20.000   | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.186 | 188  | 1220229   | 20.000   | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.403 | 240  | 1180793   | 20.000   | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.409 | 264  | 1360052   | 20.000   | ng/ul  | 0.00     |
|                               |        |      |           |          |        |          |
| System Monitoring Compounds   |        |      |           |          |        |          |
| 3) 1,4-Dioxane-d8             | 3.258  | 96   | 18212     | 2.324    | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.681  | 84   | 136057    | 5.929    | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.975  | 99   | 321811    | 13.438   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.140  | 67   | 214955    | 12.649   | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.346  | 132  | 269958    | 15.494   | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.516  | 113  | 284026    | 15.952   | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.963  | 128  | 132227    | 15.727   | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.687  | 143  | 141142    | 17.518   | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.222 | 165  | 274942    | 17.083   | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.734 | 131  | 349199    | 14.034   | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.857 | 166  | 865561    | 18.585   | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.139 | 160  | 1057759   | 19.156   | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.633 | 143  | 114881    | 12.389   | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.433 | 176  | 774759    | 19.206   | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.545 | 200  | 89375     | 12.516   | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.286 | 188  | 1125285   | 18.755   | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.562 | 212  | 1372034   | 20.473   | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.203 | 264  | 1379105   | 19.544   | ng/ul  | 0.00     |
|                               |        |      |           |          |        |          |
| Target Compounds              |        |      |           |          |        |          |
| 23) Isophorone                | 9.534  | 82   | 46745     | 1.094    | ng/ul# | 88       |
| 36) 2-Methylnaphthalene       | 12.263 | 142  | 64537     | 1.672    | ng/ul  | 97       |
| 37) 1-Methylnaphthalene       | 12.486 | 142  | 43188     | 1.100    | ng/ul# | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.069 | 232  | 1561110   | 149.689  | ng/ul# | 98       |
| 71) Pentachlorophenol         | 16.874 | 266  | 14185815m | 1524.125 | ng/ul  |          |
| -----                         |        |      |           |          |        |          |

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

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