

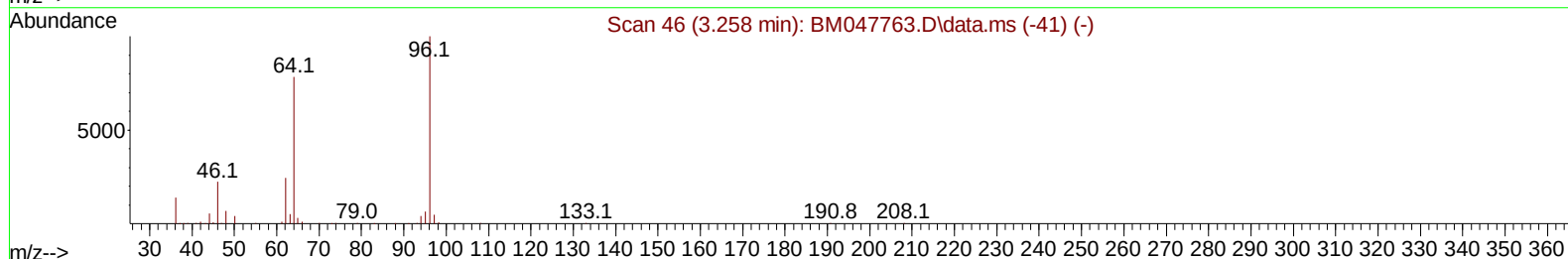
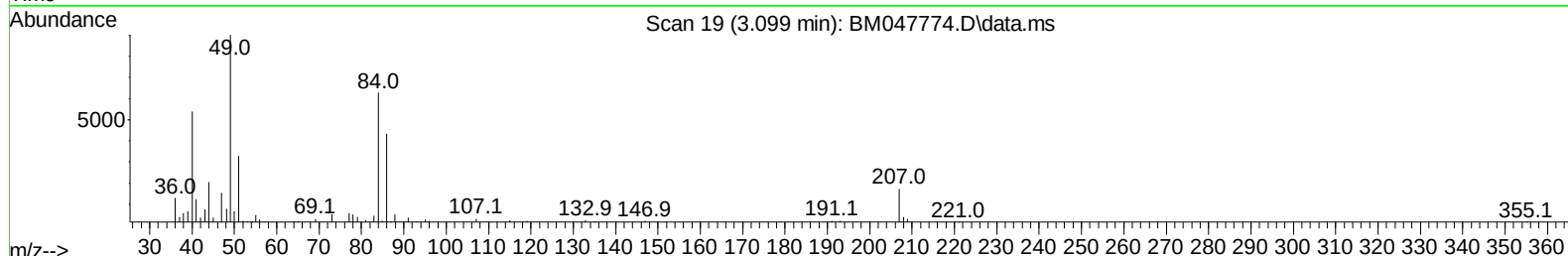
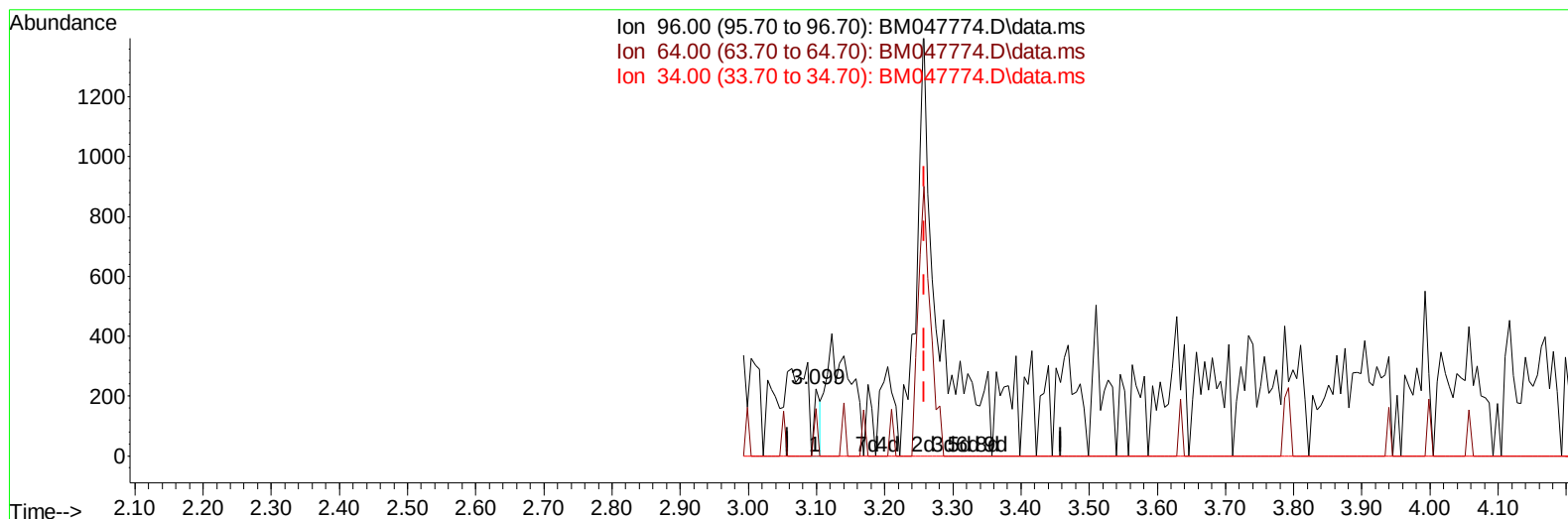
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100124\  
Data File : BM047774.D  
Acq On : 02 Oct 2024 12:46  
Operator : RC/JU  
Sample : P4018-06DL 10X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB2DL

Manual IntegrationsAPPROVED

Quant Time: Oct 02 13:27:31 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

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



TIC: BM047774.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.099min (-0.159) 0.02 ng/uL

response 143

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 85.50  | 70.22  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

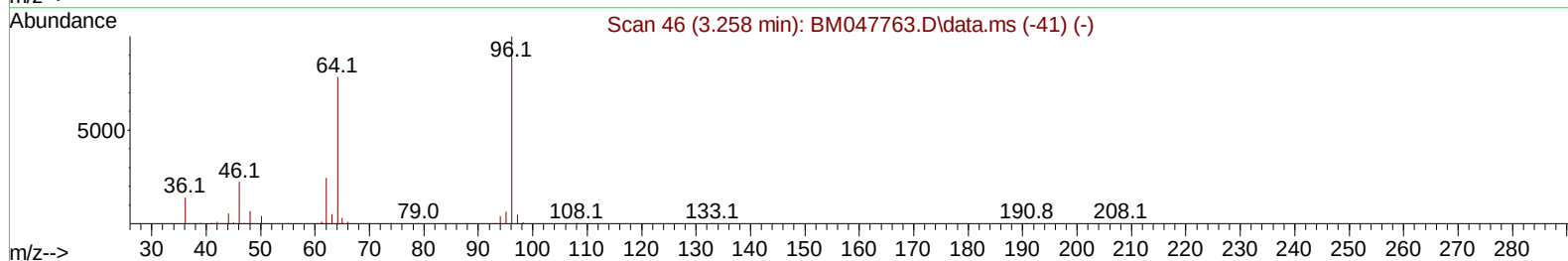
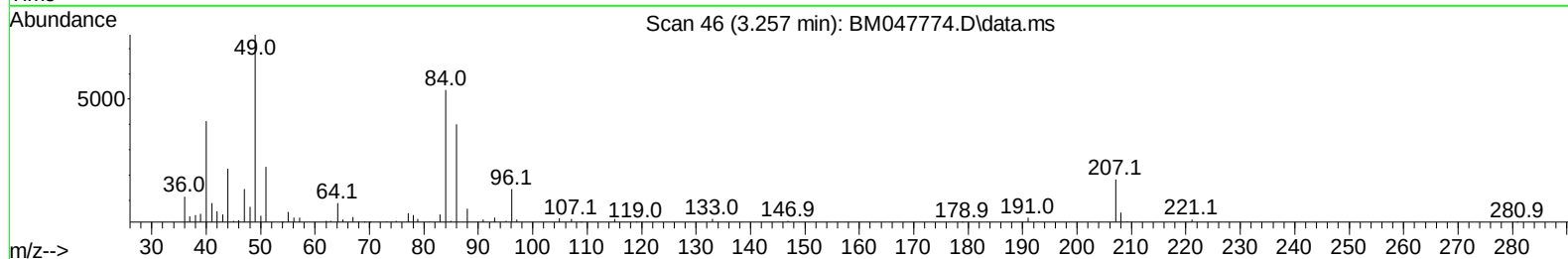
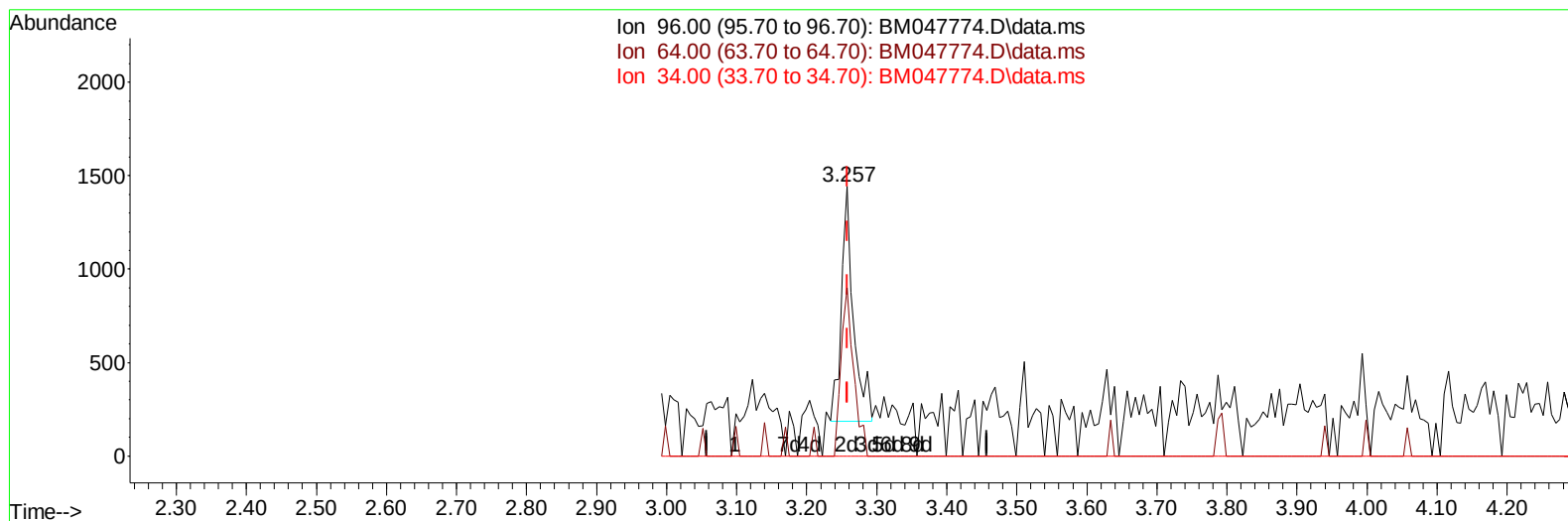
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**(3) 1,4-Dioxane-d8 (S)**

**3.257min (-0.001) 0.20 ng/uL m**

**response 1509**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 85.50  | 62.41# |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

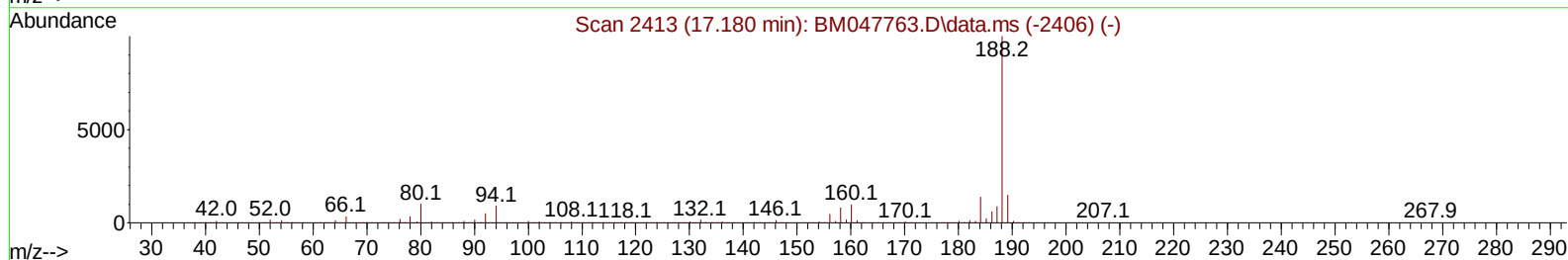
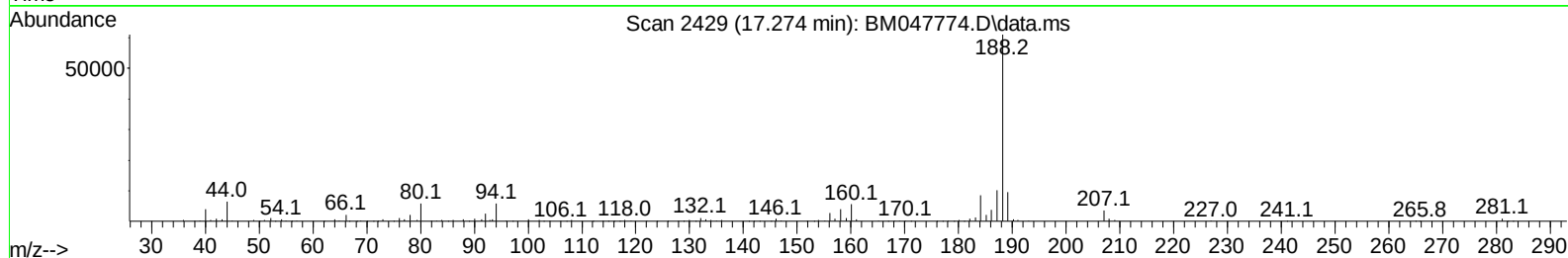
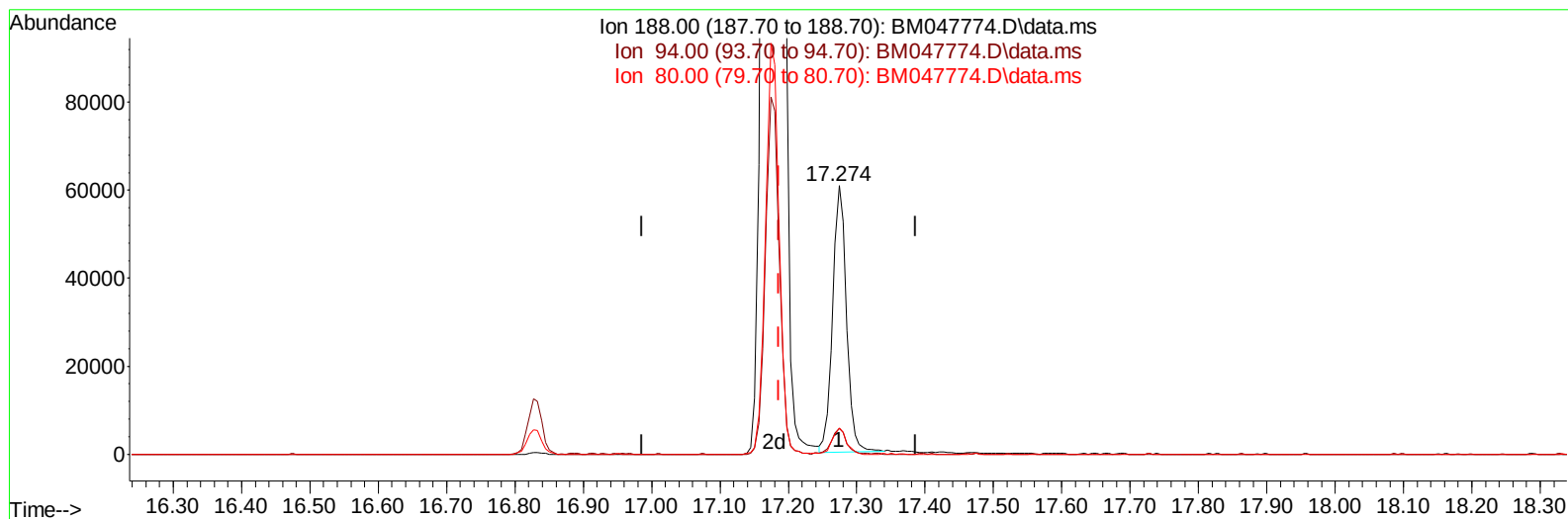
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Data File : BM047774.D  
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ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB2DL

Manual IntegrationsAPPROVED

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TIC: BM047774.D\data.ms

(64) Phenanthrene-d10 (I)

17.274min (+ 0.088) 20.00 ng/u1

response 84997

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 10.10  | 9.57   |
| 80.00  | 11.30  | 9.74   |
| 0.00   | 0.00   | 0.00   |

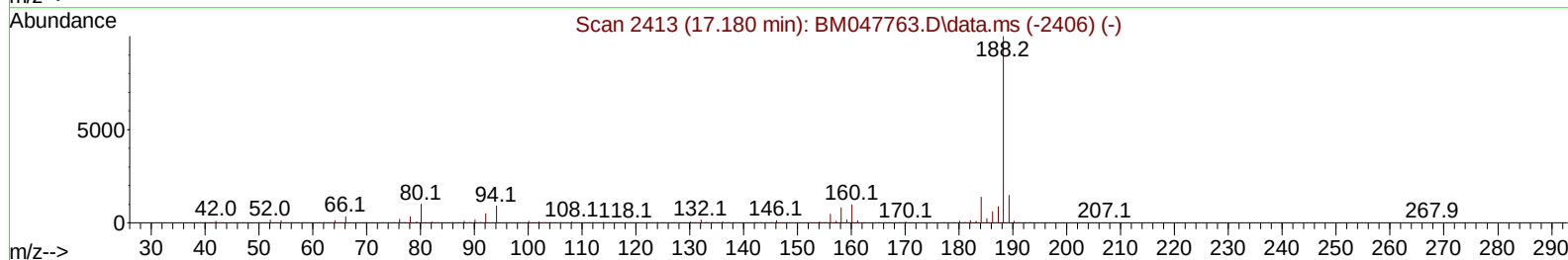
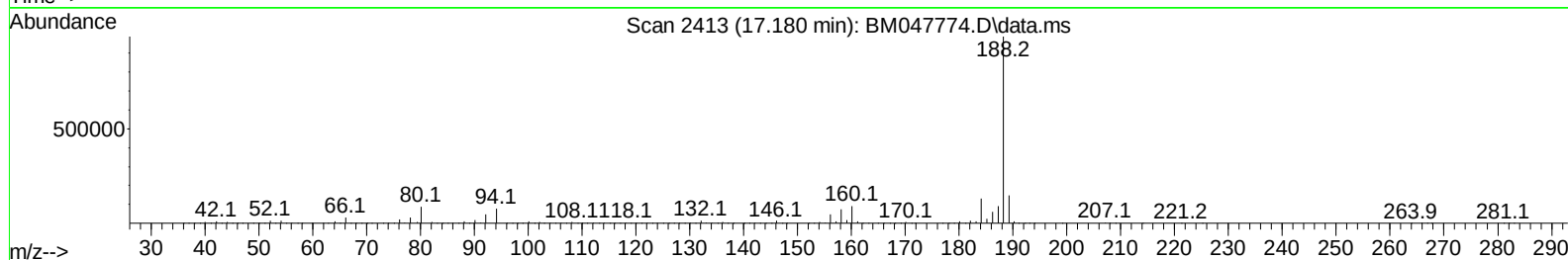
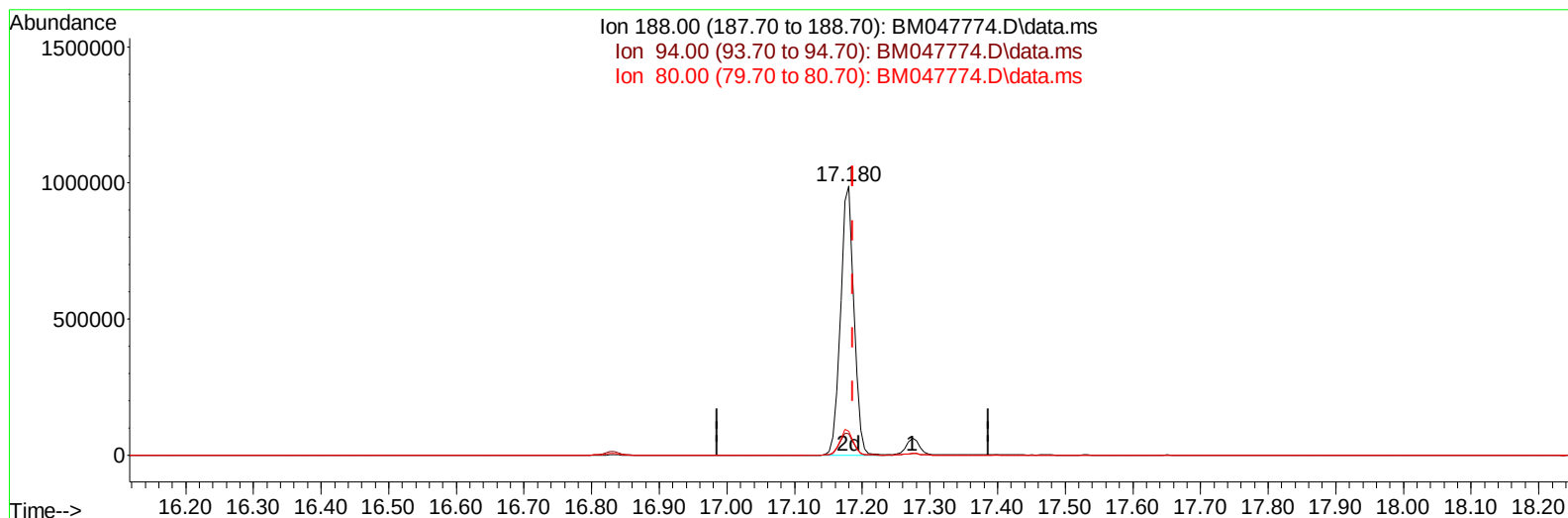
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ALS Vial : 38 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BM047774.D\data.ms

(64) Phenanthrene-d10 (I)

17.180min (-0.006) 20.00 ng/ul m

response 1368641

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 10.10  | 7.90#  |
| 80.00  | 11.30  | 8.95#  |
| 0.00   | 0.00   | 0.00   |

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 Sample : P4018-06DL 10X  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DDCB2DL

## Manual IntegrationsAPPROVED

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

Quant Time: Oct 03 02:56:40 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  | 246906   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.598 | 136  | 1018739  | 20.000 | ng/ul  | #-0.01   |
| 38) Acenaphthene-d10          | 14.439 | 164  | 648751   | 20.000 | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.180 | 188  | 1368641m | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.403 | 240  | 1262496  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.403 | 264  | 1496803  | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.257  | 96   | 1509m    | 0.198  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.687  | 84   | 18843    | 0.842  | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 6.969  | 99   | 22749    | 0.974  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.140  | 67   | 15593    | 0.941  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.340  | 132  | 18687    | 1.100  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.510  | 113  | 16432    | 0.947  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.963  | 128  | 8829     | 1.088  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.681  | 143  | 8082     | 1.040  | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.222 | 165  | 16626    | 1.071  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.733 | 131  | 24504    | 1.021  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.845 | 166  | 65124    | 1.385  | ng/ul  | -0.01    |
| 49) Acenaphthylene-d8         | 14.133 | 160  | 69962    | 1.255  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/ul  |          |
| 60) Fluorene-d10              | 15.433 | 176  | 56116    | 1.377  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/ul  |          |
| 73) Anthracene-d10            | 17.274 | 188  | 84373    | 1.254  | ng/ul  | -0.01    |
| 81) Pyrene-d10                | 19.562 | 212  | 99046    | 1.382  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.197 | 264  | 101498   | 1.307  | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 58) 2,3,4,6-Tetrachlorophenol | 15.063 | 232  | 14049    | 1.334  | ng/ul# | 93       |
| 71) Pentachlorophenol         | 16.833 | 266  | 910504   | 87.217 | ng/ul  | 100      |
| -----                         |        |      |          |        |        |          |

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

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