

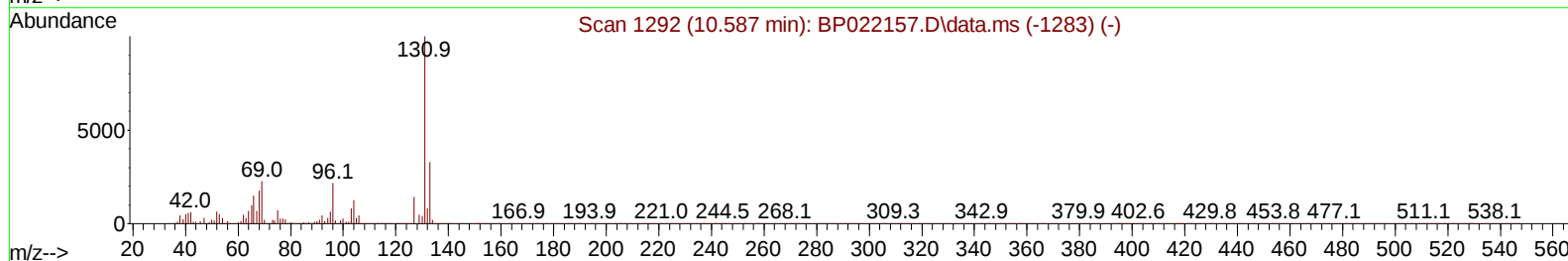
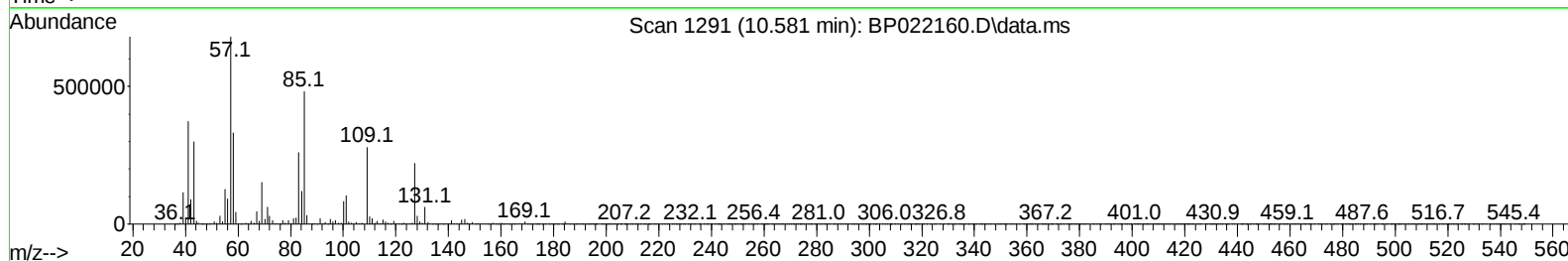
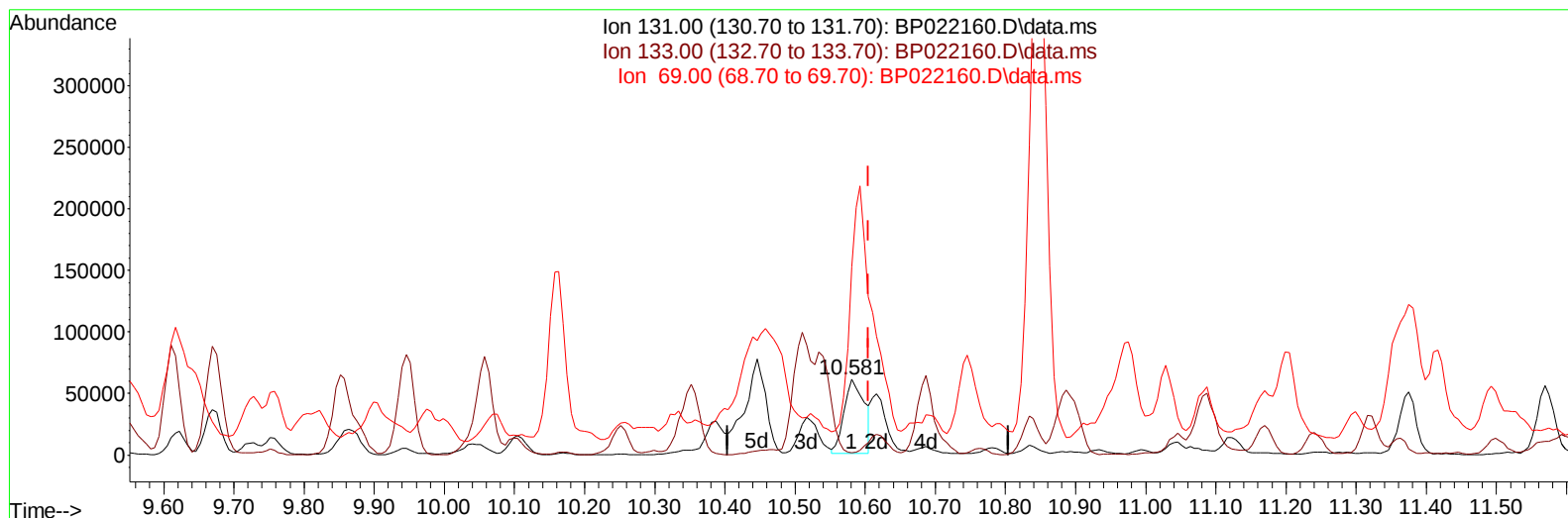
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
 Data File : BP022160.D  
 Acq On : 02 Oct 2024 13:25  
 Operator : RC/JU  
 Sample : P4016-12  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCVW3

Manual IntegrationsAPPROVED

Quant Time: Oct 02 14:02:21 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: BP022160.D\data.ms

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

**10.581min (-0.023) 10.31 ng/ul**

**response 120913**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 131.00 | 100.00 | 100.00  |
| 133.00 | 32.90  | 2.97#   |
| 69.00  | 22.40  | 248.85# |
| 0.00   | 0.00   | 0.00    |

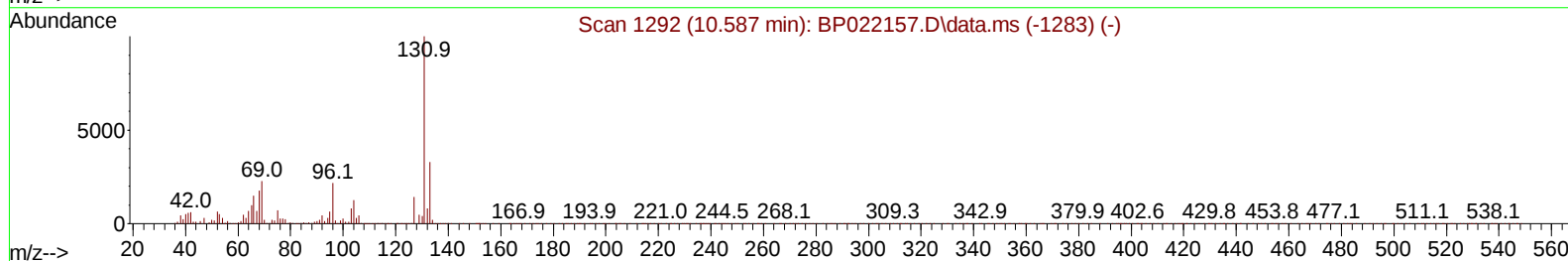
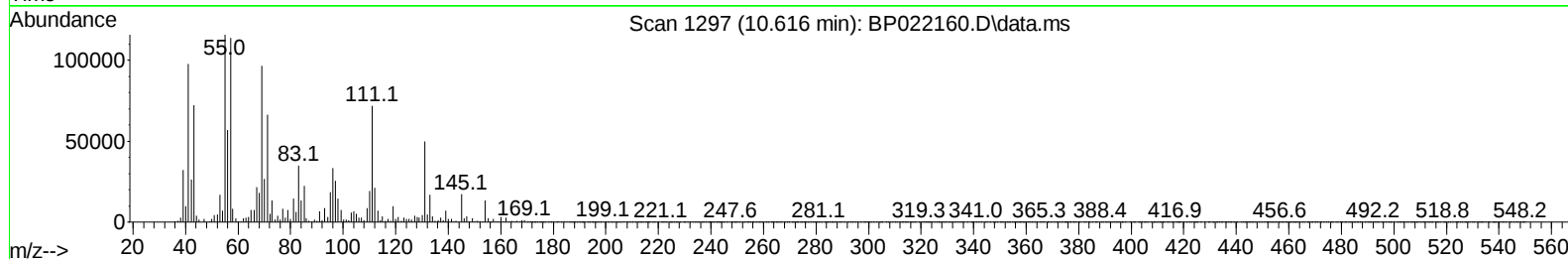
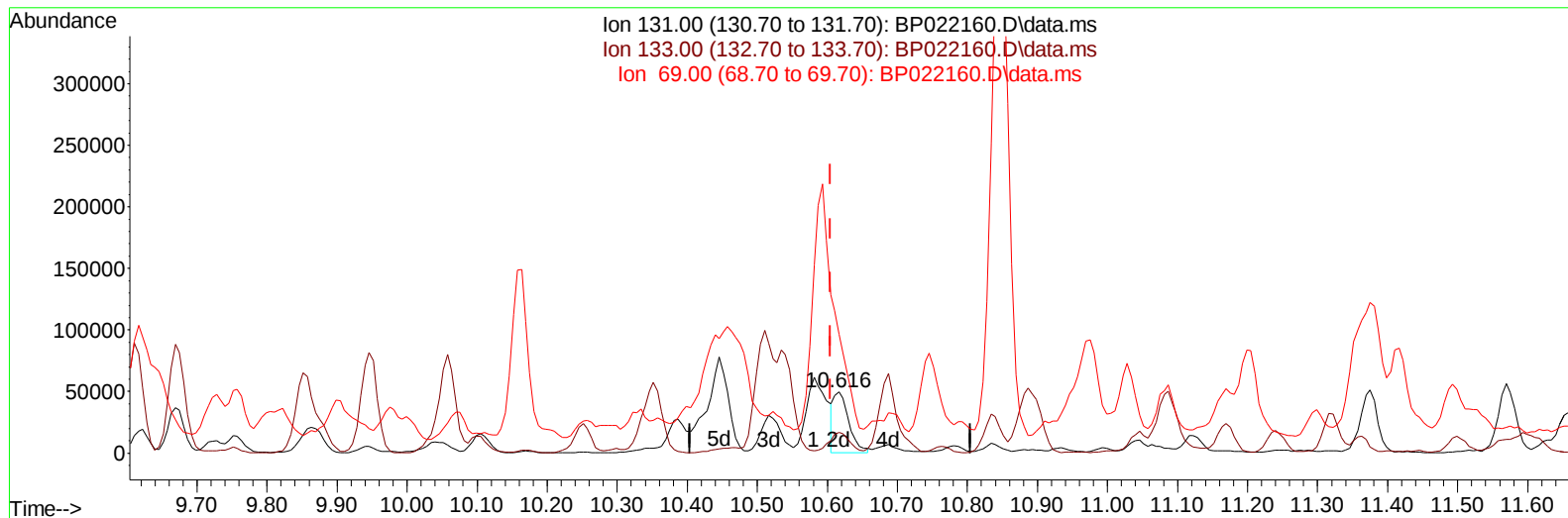
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Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BP022160.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.616min (+ 0.012) 6.39 ng/ul m

response 74902

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 131.00 | 100.00 | 100.00  |
| 133.00 | 32.90  | 34.08   |
| 69.00  | 22.40  | 194.28# |
| 0.00   | 0.00   | 0.00    |

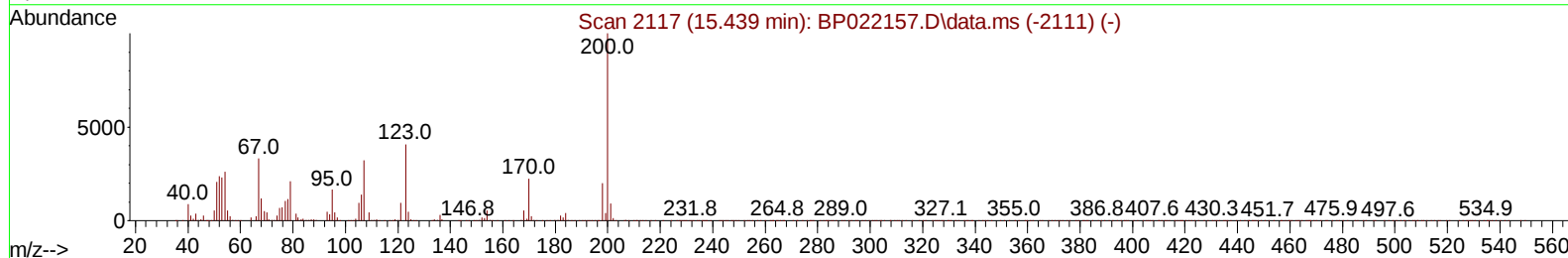
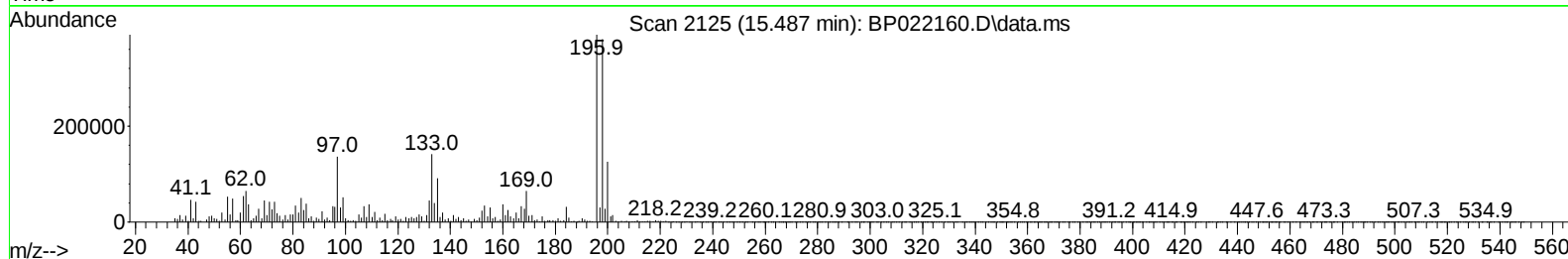
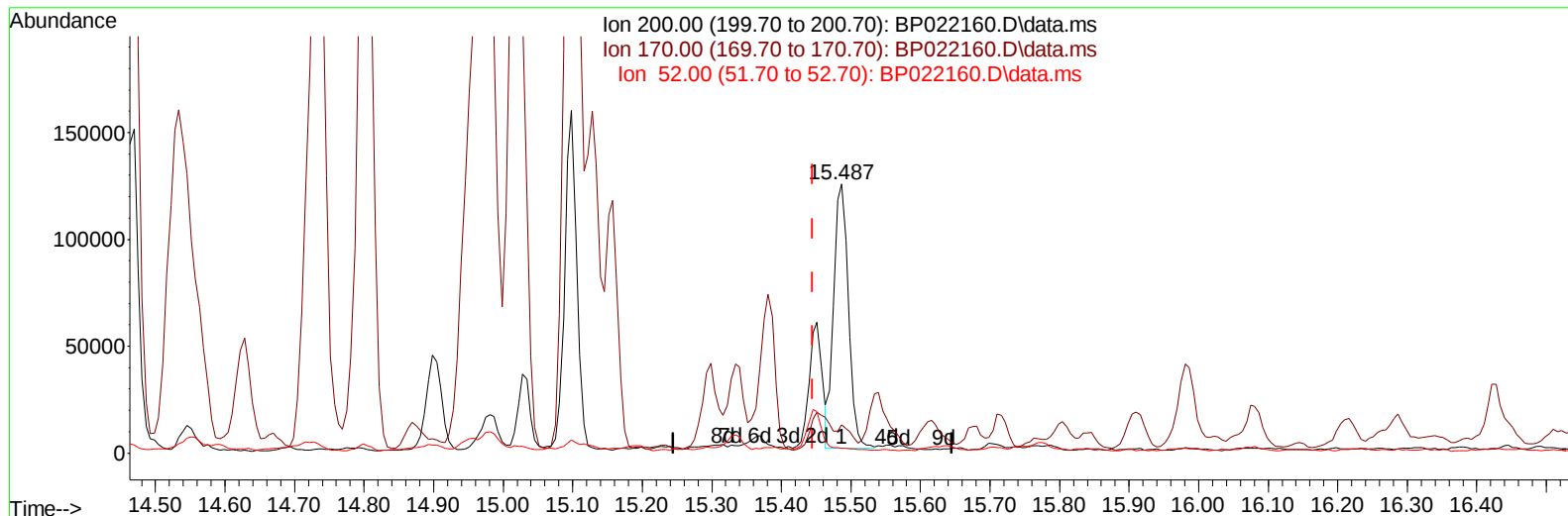
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022160.D  
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Operator : RC/JU  
Sample : P4016-12  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCVW3

Manual IntegrationsAPPROVED

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TIC: BP022160.D\data.ms

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

15.487min (+ 0.041) 33.10 ng/u1

response 182416

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.90  | 10.53# |
| 52.00  | 32.40  | 1.87#  |
| 0.00   | 0.00   | 0.00   |

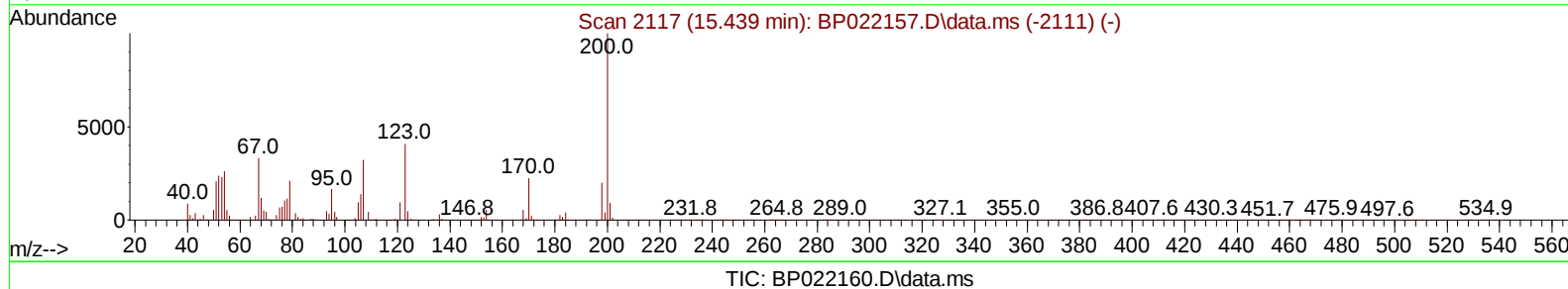
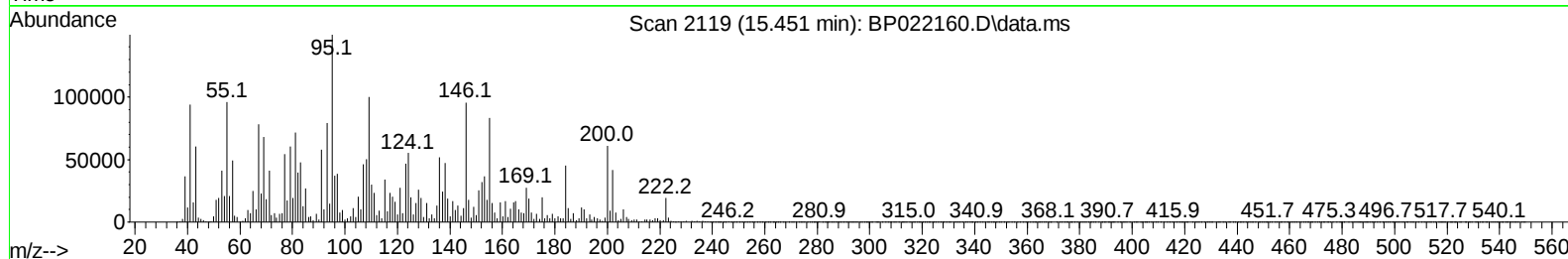
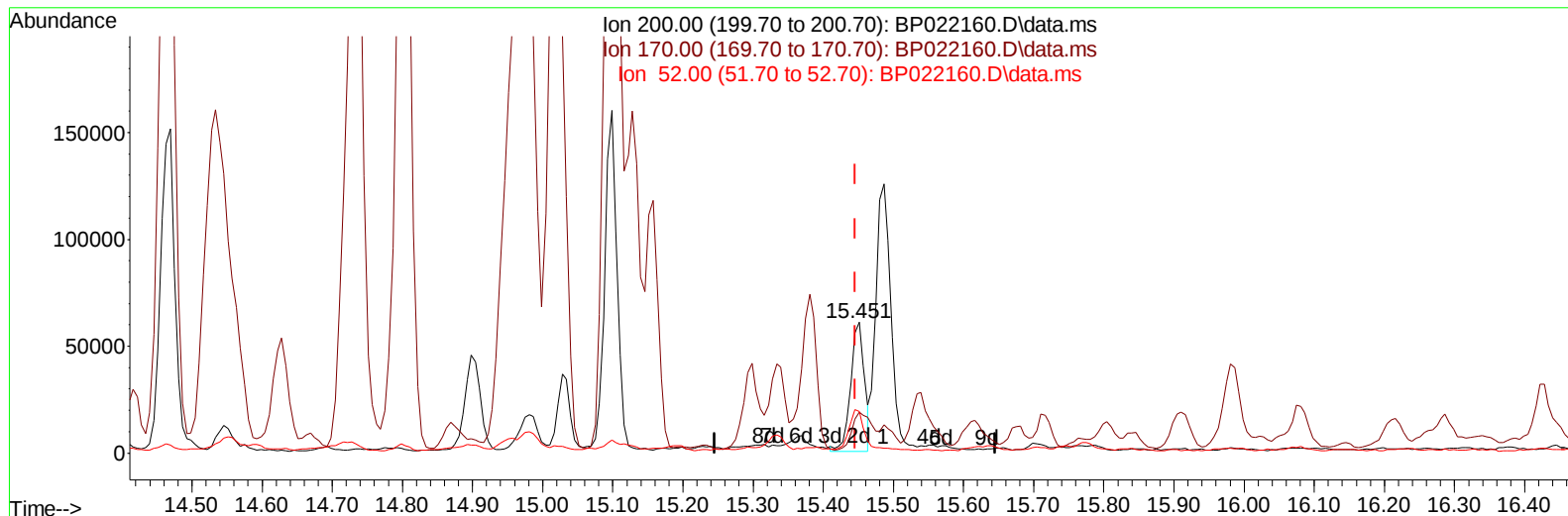
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022160.D  
Acq On : 02 Oct 2024 13:25  
Operator : RC/JU  
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Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCVW3

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION  
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Reviewed By :Yogesh Patel 10/04/2024  
Supervised By :mohammad ahmed 10/05/2024



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

15.451min (+ 0.006) 14.80 ng/ul m

response 81599

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.90  | 31.12# |
| 52.00  | 32.40  | 31.72  |
| 0.00   | 0.00   | 0.00   |

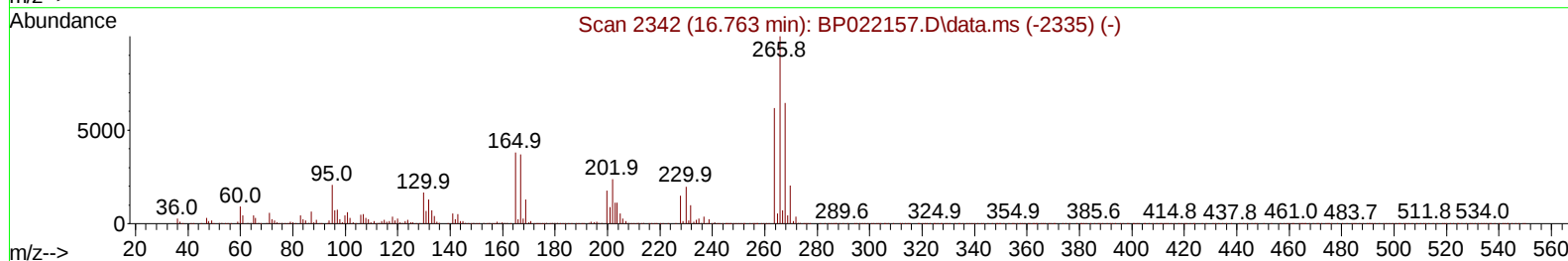
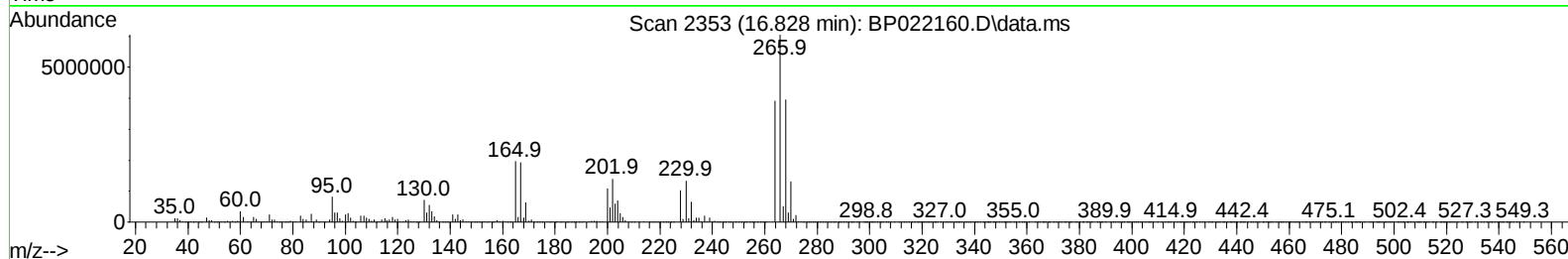
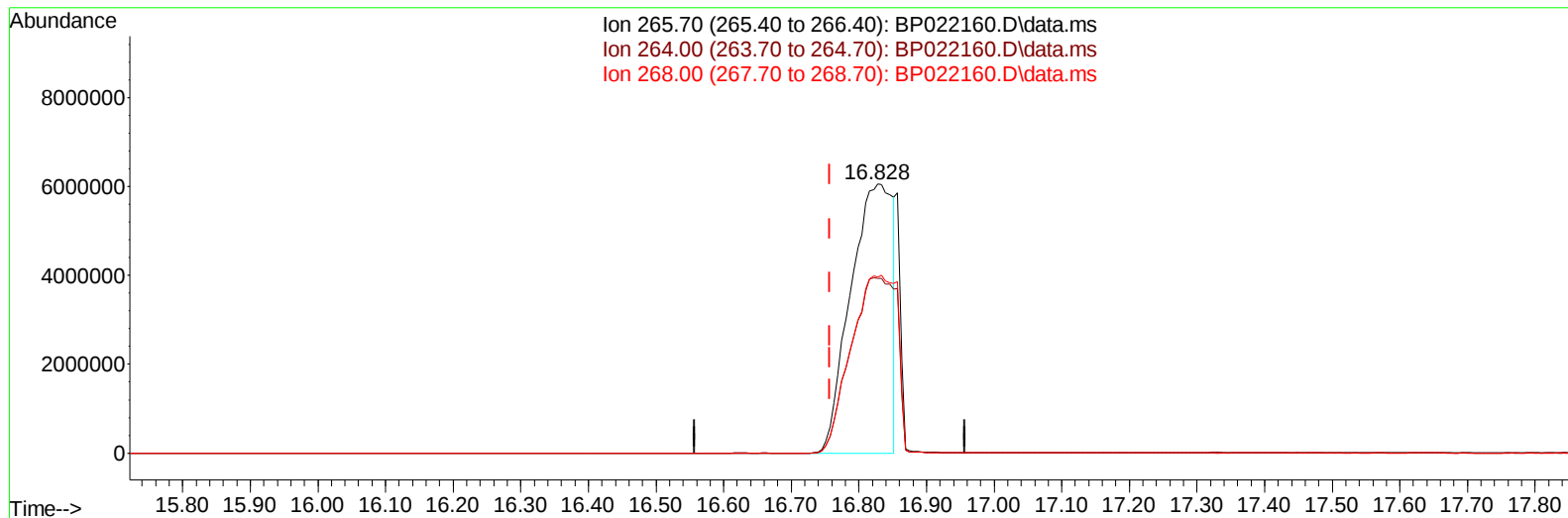
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022160.D  
Acq On : 02 Oct 2024 13:25  
Operator : RC/JU  
Sample : P4016-12  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCVW3

## Manual IntegrationsAPPROVED

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

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QLast Update : Tue Sep 24 15:23:13 2024  
Response via : Initial Calibration



TIC: BP022160.D\data.ms

## (71) Pentachlorophenol (C)

16.828min (+ 0.071) 3005.86 ng/u1

response 25962048

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 62.80  | 64.87  |
| 268.00 | 64.20  | 65.48  |
| 0.00   | 0.00   | 0.00   |

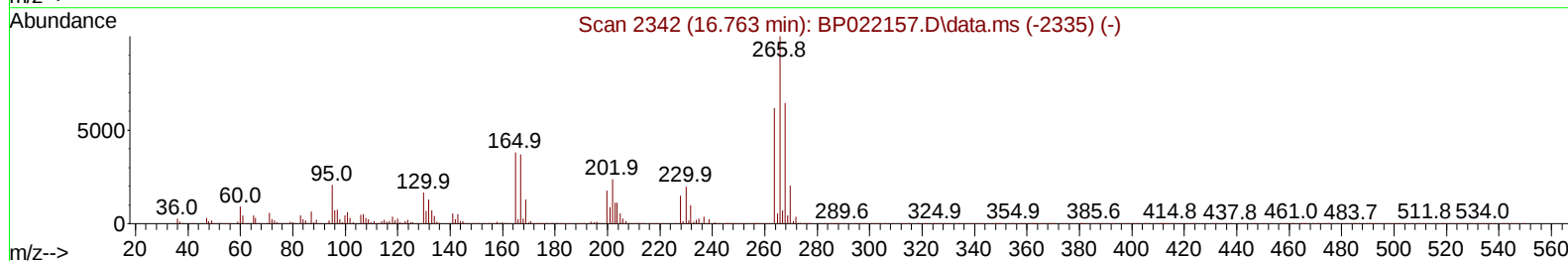
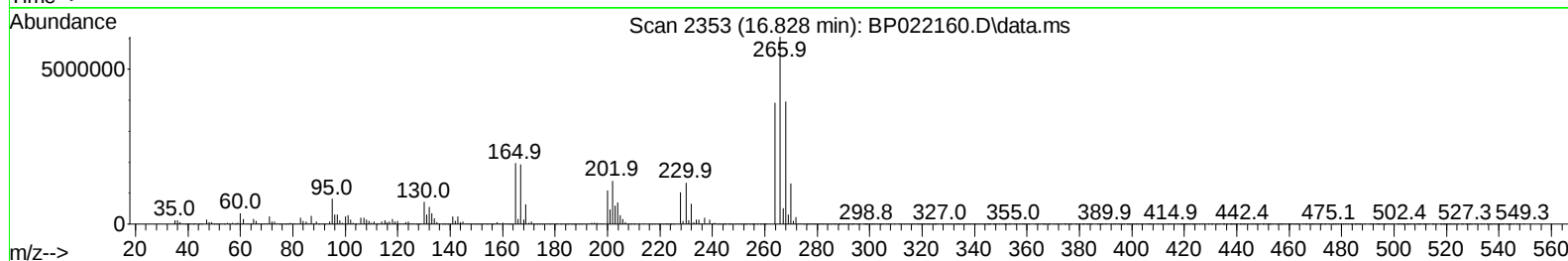
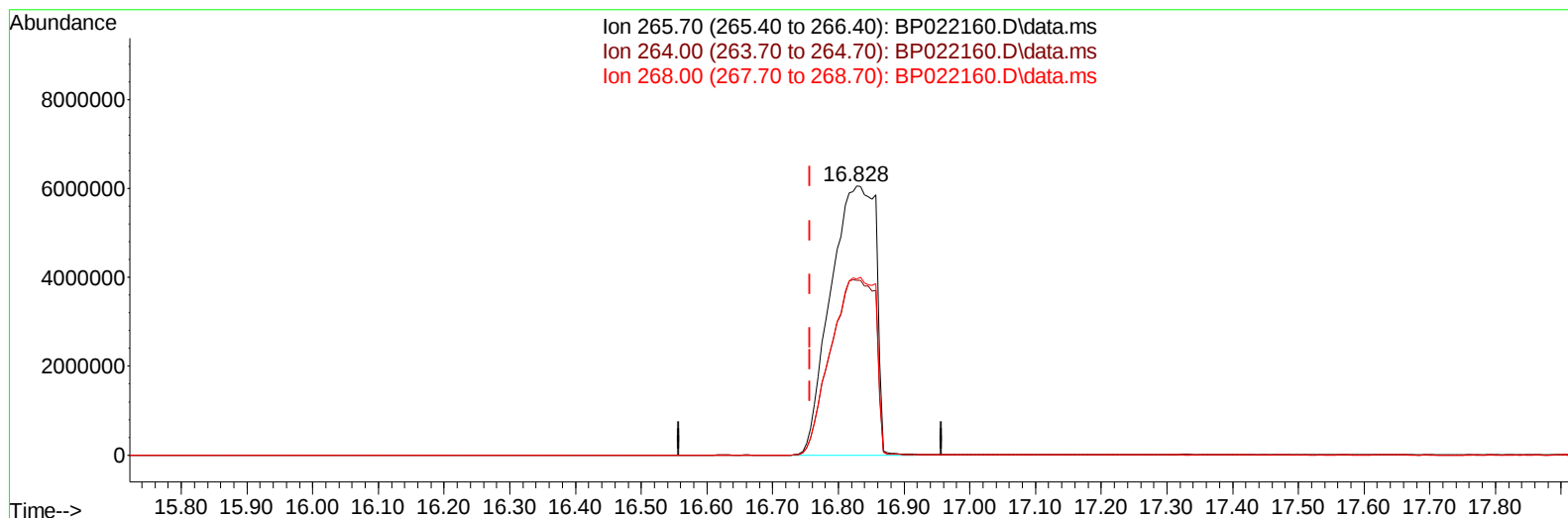
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022160.D  
Acq On : 02 Oct 2024 13:25  
Operator : RC/JU  
Sample : P4016-12  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCVW3

Manual IntegrationsAPPROVED

Quant Time: Oct 02 14:02:21 2024  
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Reviewed By :Yogesh Patel 10/04/2024  
Supervised By :mohammad ahmed 10/05/2024



TIC: BP022160.D\data.ms

(71) Pentachlorophenol (C)

16.828min (+ 0.071) 3344.85 ng/ul m

response 28889921

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 62.80  | 64.87  |
| 268.00 | 64.20  | 65.48  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
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 Operator : RC/JU  
 Sample : P4016-12  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCVW3

## Manual IntegrationsAPPROVED

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

Quant Time: Oct 02 14:06:21 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

| Compound                      | R.T.   | QIon | Response  | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|-----------|----------|--------|----------|
| -----                         |        |      |           |          |        |          |
| Internal Standards            |        |      |           |          |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.699  | 152  | 143970    | 20.000   | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 10.463 | 136  | 533229    | 20.000   | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.328 | 164  | 400623    | 20.000   | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.145 | 188  | 887798    | 20.000   | ng/ul  | 0.03     |
| 79) Chrysene-d12              | 21.545 | 240  | 909065    | 20.000   | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.845 | 264  | 1124655   | 20.000   | ng/ul  | 0.02     |
| System Monitoring Compounds   |        |      |           |          |        |          |
| 3) 1,4-Dioxane-d8             | 3.217  | 96   | 10705     | 2.913    | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.634  | 84   | 158403    | 15.077   | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.893  | 99   | 227663    | 19.331   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.040  | 67   | 145611    | 20.079   | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.246  | 132  | 173210    | 20.328   | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.411  | 113  | 163460    | 17.516   | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.840  | 128  | 84390     | 21.145   | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.552  | 143  | 95849     | 21.181   | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.105 | 165  | 192915    | 19.631   | ng/ul  | 0.01     |
| 31) 4-Chloroaniline-d4        | 10.616 | 131  | 74902m    | 6.388    | ng/ul  | 0.01     |
| 46) Dimethylphthalate-d6      | 13.722 | 166  | 566936    | 18.307   | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.010 | 160  | 630558    | 19.231   | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.551 | 143  | 86407     | 16.312   | ng/ul  | 0.02     |
| 60) Fluorene-d10              | 15.334 | 176  | 497380    | 18.157   | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.451 | 200  | 81599m    | 14.804   | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.234 | 188  | 798763    | 19.272   | ng/ul  | 0.02     |
| 81) Pyrene-d10                | 19.598 | 212  | 938064    | 19.918   | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.616 | 264  | 1094009   | 18.495   | ng/ul  | 0.00     |
| Target Compounds              |        |      |           |          |        |          |
|                               |        |      |           |          |        | Qvalue   |
| 30) Naphthalene               | 10.516 | 128  | 529870    | 18.885   | ng/ul  | 98       |
| 36) 2-Methylnaphthalene       | 12.128 | 142  | 1024632   | 49.141   | ng/ul  | 98       |
| 37) 1-Methylnaphthalene       | 12.340 | 142  | 592853    | 28.193   | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.746 | 196  | 20647     | 2.325    | ng/ul  | 94       |
| 42) 2,4,5-Trichlorophenol     | 12.822 | 196  | 44663     | 4.645    | ng/ul  | 93       |
| 43) 1,1'-Biphenyl             | 13.140 | 154  | 96674     | 3.374    | ng/ul# | 65       |
| 52) Acenaphthene              | 14.393 | 153  | 78713     | 3.168    | ng/ul  | 93       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.981 | 232  | 3595323   | 388.444  | ng/ul  | 97       |
| 61) Fluorene                  | 15.393 | 166  | 104803    | 3.412    | ng/ul# | 85       |
| 71) Pentachlorophenol         | 16.828 | 266  | 28889921m | 3344.852 | ng/ul  |          |
| 72) Phenanthrene              | 17.181 | 178  | 523287    | 11.242   | ng/ul# | 96       |
| 86) Bis(2-ethylhexyl)phtha... | 21.469 | 149  | 54189     | 1.829    | ng/ul# | 88       |
| -----                         |        |      |           |          |        |          |

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

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ALS Vial : 5 Sample Multiplier: 1

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DCVW3

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