

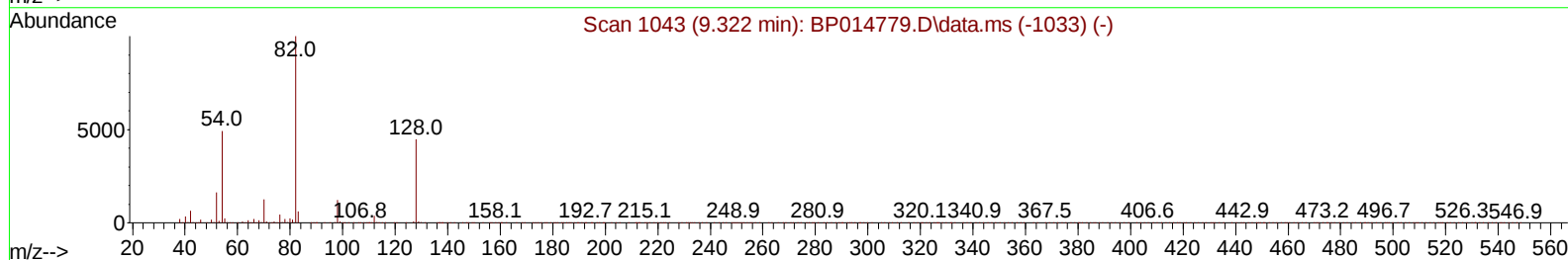
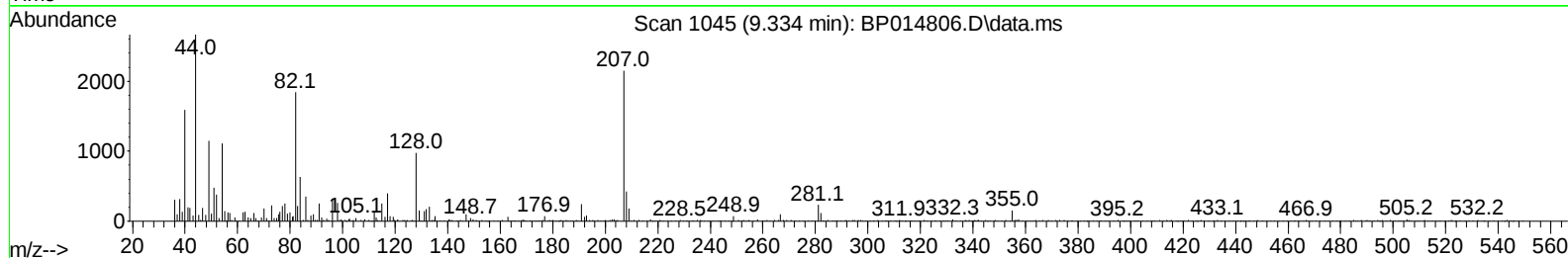
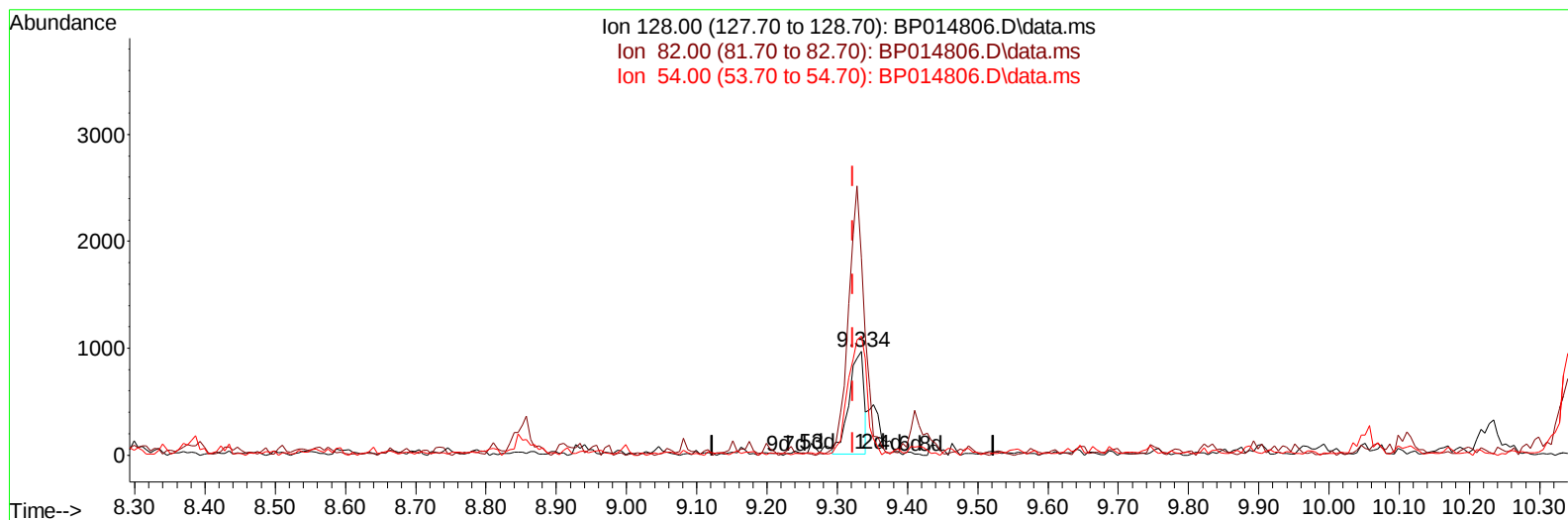
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042023\  
 Data File : BP014806.D  
 Acq On : 22 Apr 2023 00:11  
 Operator : CG/JU  
 Sample : 02296-22DL2 200X  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCBN4DL2

Manual IntegrationsAPPROVED

Quant Time: Apr 22 01:37:50 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041823.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 20 02:32:50 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 04/24/2023  
 Supervised By :Jagrut Upadhyay 04/24/2023



TIC: BP014806.D\data.ms

(21) Nitrobenzene-d5 (S)

9.334min (+ 0.012) 0.17 ng/u1

response 1422

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 128.00 | 100.00 | 100.00  |
| 82.00  | 246.70 | 189.31# |
| 54.00  | 119.90 | 114.49  |
| 0.00   | 0.00   | 0.00    |

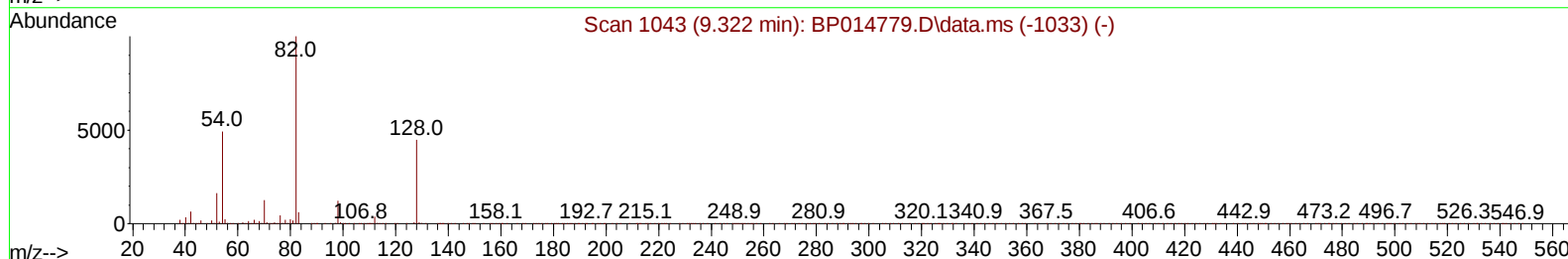
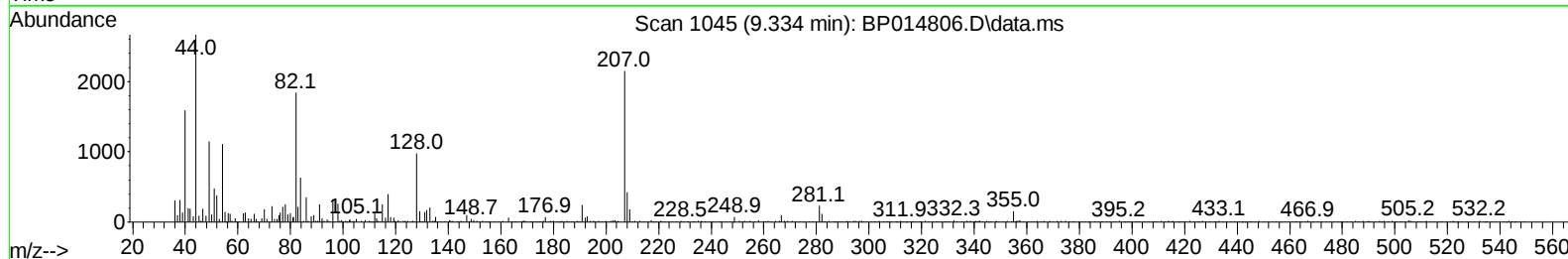
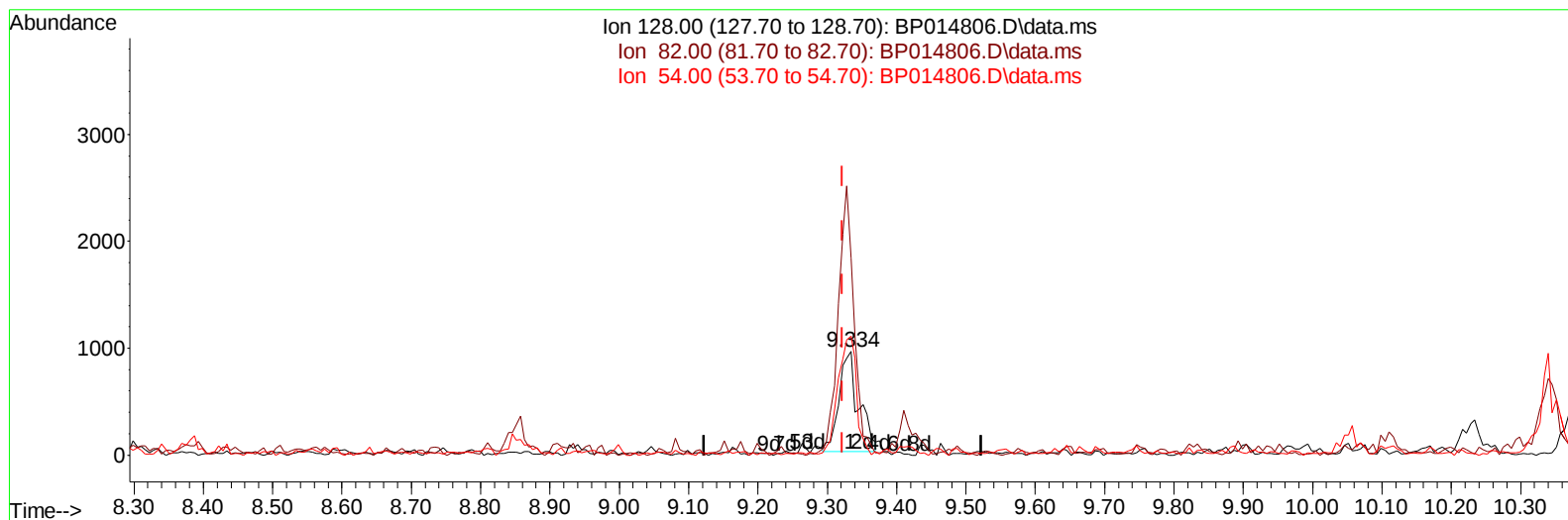
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042023\  
Data File : BP014806.D  
Acq On : 22 Apr 2023 00:11  
Operator : CG/JU  
Sample : 02296-22DL2 200X  
Misc :  
ALS Vial : 61 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCBN4DL2

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/24/2023  
Supervised By :Jagrut Upadhyay 04/24/2023

Quant Time: Apr 22 01:37:50 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041823.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Apr 20 02:32:50 2023  
Response via : Initial Calibration



TIC: BP014806.D\data.ms

## (21) Nitrobenzene-d5 (S)

9.334min (+ 0.012) 0.22 ng/ul m

response 1844

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 128.00 | 100.00 | 100.00  |
| 82.00  | 246.70 | 189.31# |
| 54.00  | 119.90 | 114.49  |
| 0.00   | 0.00   | 0.00    |

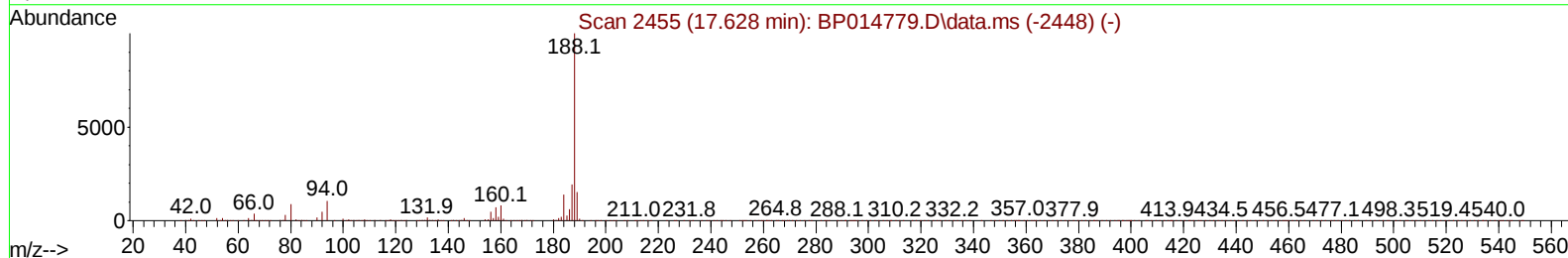
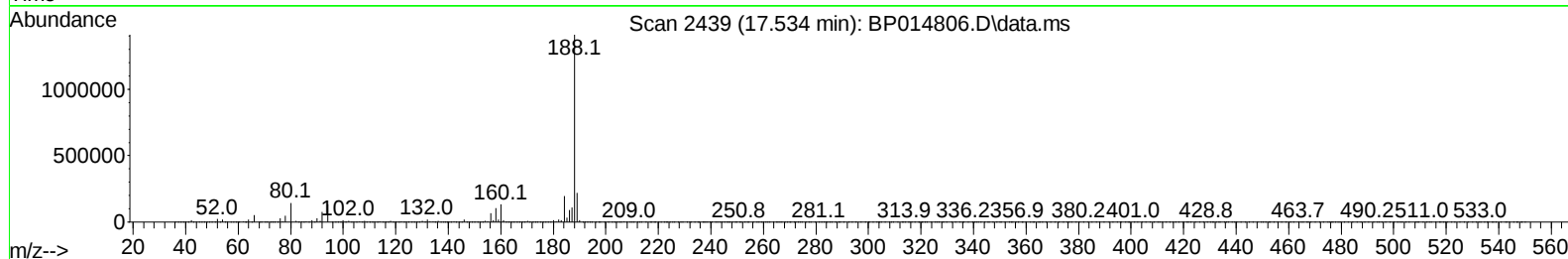
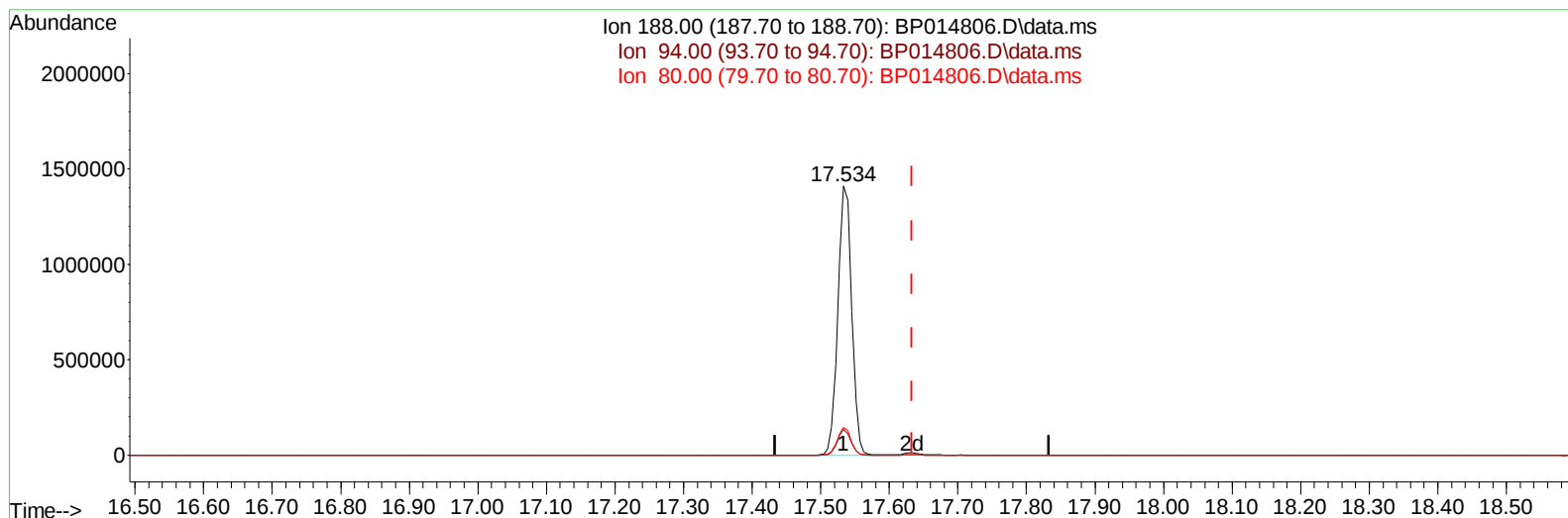
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042023\  
 Data File : BP014806.D  
 Acq On : 22 Apr 2023 00:11  
 Operator : CG/JU  
 Sample : 02296-22DL2 200X  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCBN4DL2

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/24/2023  
 Supervised By :Jagrut Upadhyay 04/24/2023

Quant Time: Apr 22 01:37:50 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041823.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 20 02:32:50 2023  
 Response via : Initial Calibration



TIC: BP014806.D\data.ms

## (73) Anthracene-d10 (S)

17.534min (-0.100) 20.70 ng/u1

response 1965610

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 10.50  | 9.52   |
| 80.00  | 9.20   | 10.23  |
| 0.00   | 0.00   | 0.00   |

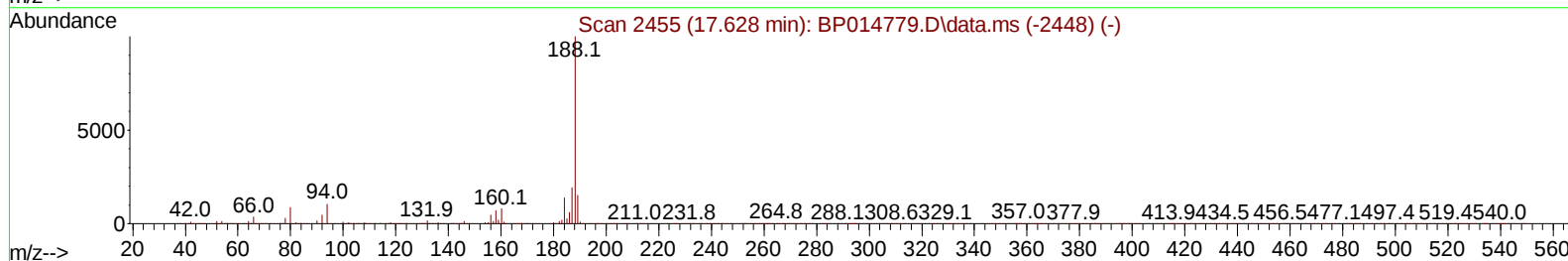
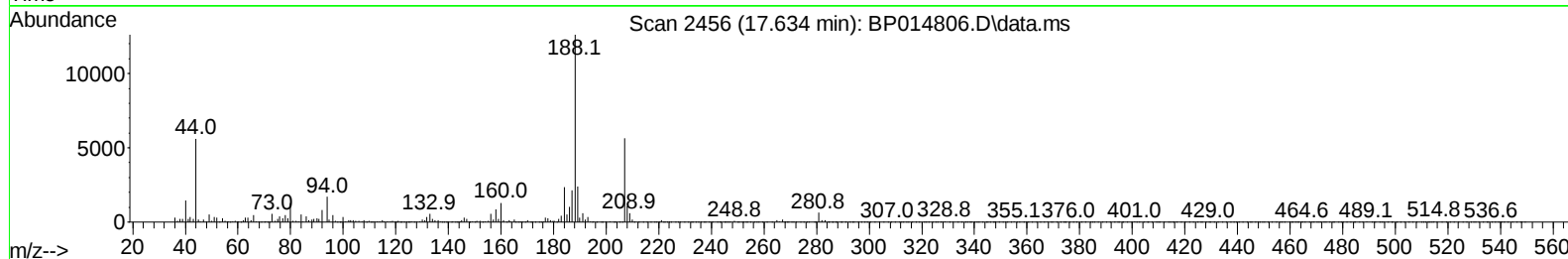
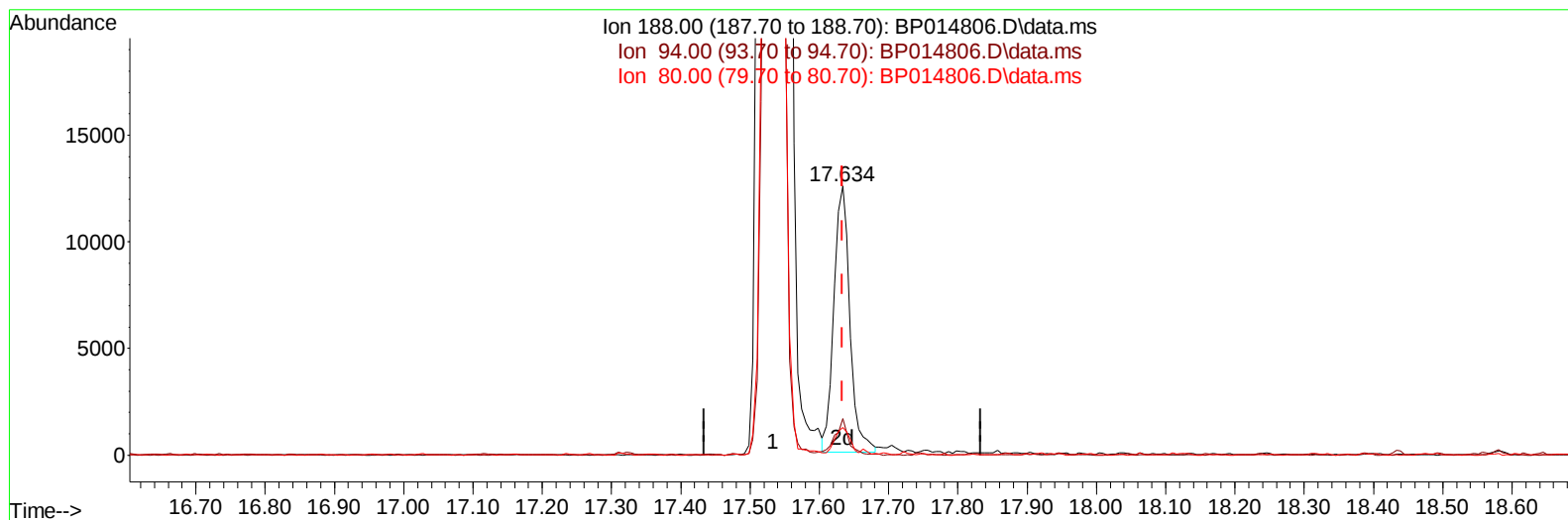
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042023\  
 Data File : BP014806.D  
 Acq On : 22 Apr 2023 00:11  
 Operator : CG/JU  
 Sample : 02296-22DL2 200X  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCBN4DL2

Manual IntegrationsAPPROVED

Quant Time: Apr 22 01:37:50 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041823.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 20 02:32:50 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 04/24/2023  
 Supervised By :Jagrut Upadhyay 04/24/2023



TIC: BP014806.D\data.ms

(73) Anthracene-d10 (S)

17.634min (-0.000) 0.21 ng/ul m

response 20086

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 10.50  | 13.54# |
| 80.00  | 9.20   | 10.22  |
| 0.00   | 0.00   | 0.00   |

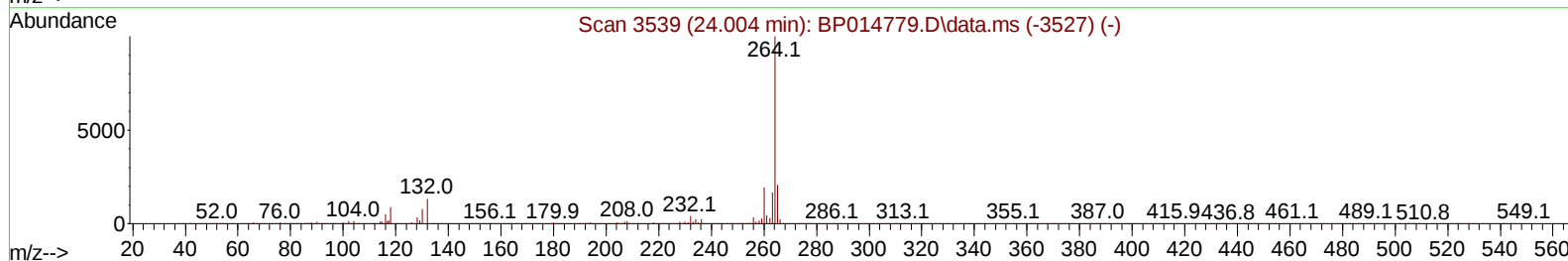
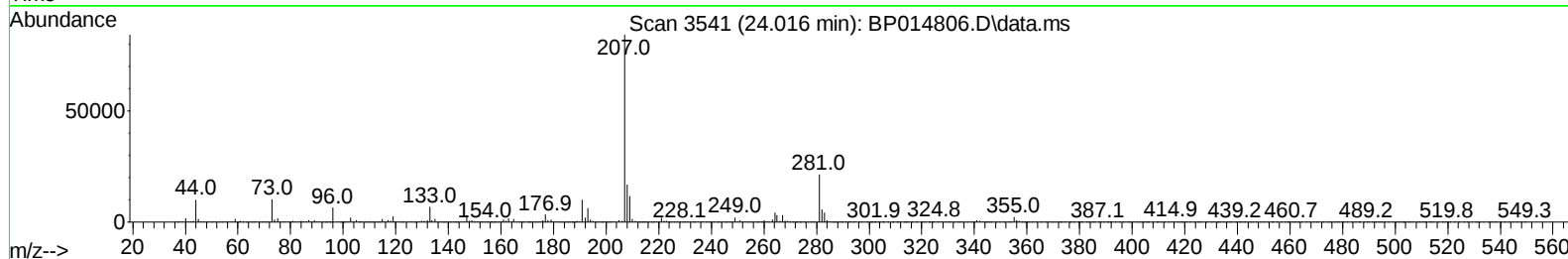
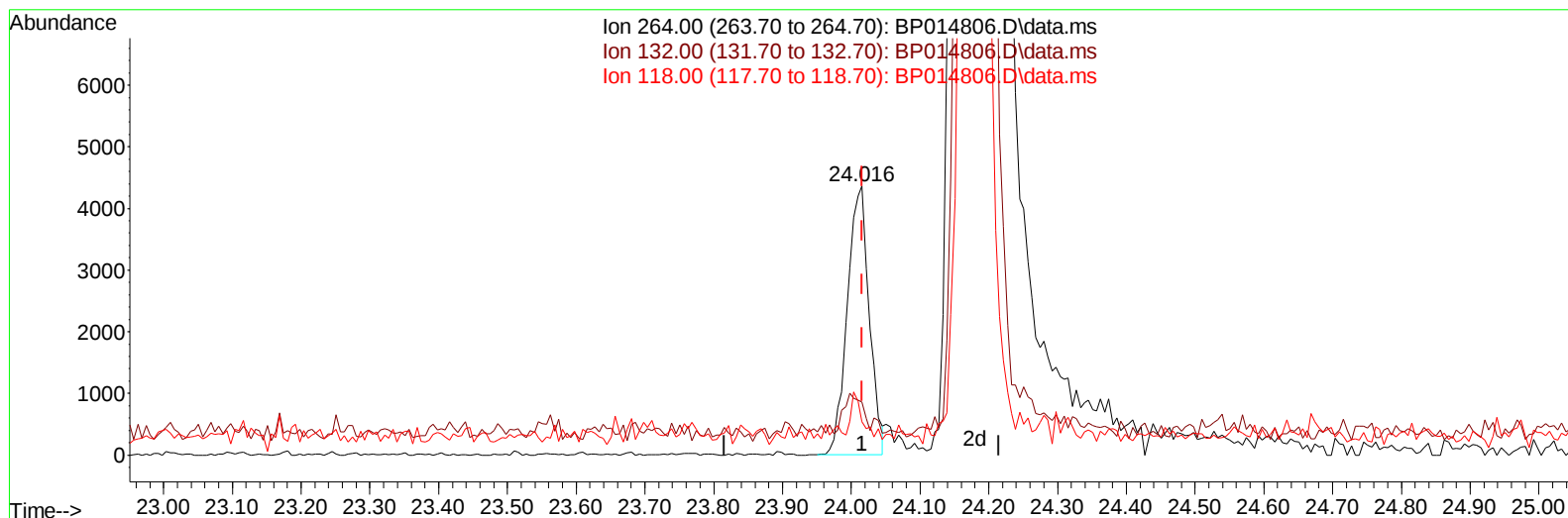
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042023\  
Data File : BP014806.D  
Acq On : 22 Apr 2023 00:11  
Operator : CG/JU  
Sample : 02296-22DL2 200X  
Misc :  
ALS Vial : 61 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCBN4DL2

Manual IntegrationsAPPROVED

Quant Time: Apr 22 01:37:50 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041823.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Apr 20 02:32:50 2023  
Response via : Initial Calibration

Reviewed By :Christian Giraldo 04/24/2023  
Supervised By :Jagrut Upadhyay 04/24/2023



TIC: BP014806.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

24.016min (-0.000) 0.14 ng/u1

response 9645

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 132.00 | 14.30  | 19.60# |
| 118.00 | 8.90   | 12.40# |
| 0.00   | 0.00   | 0.00   |

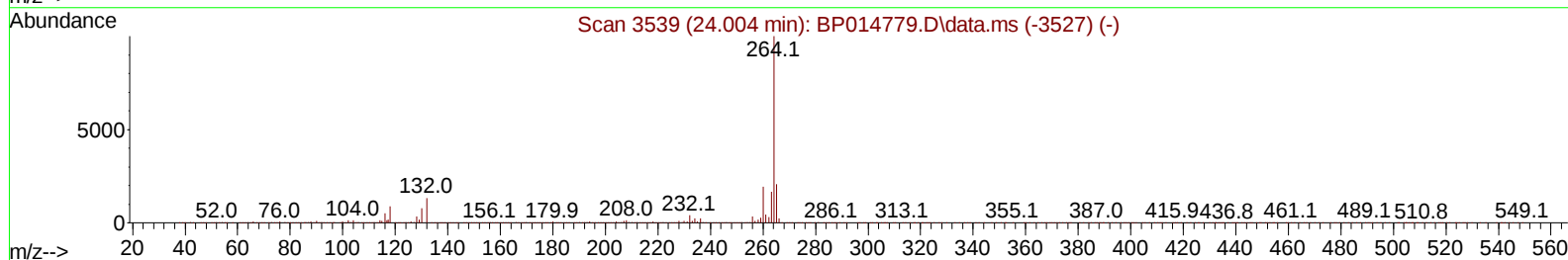
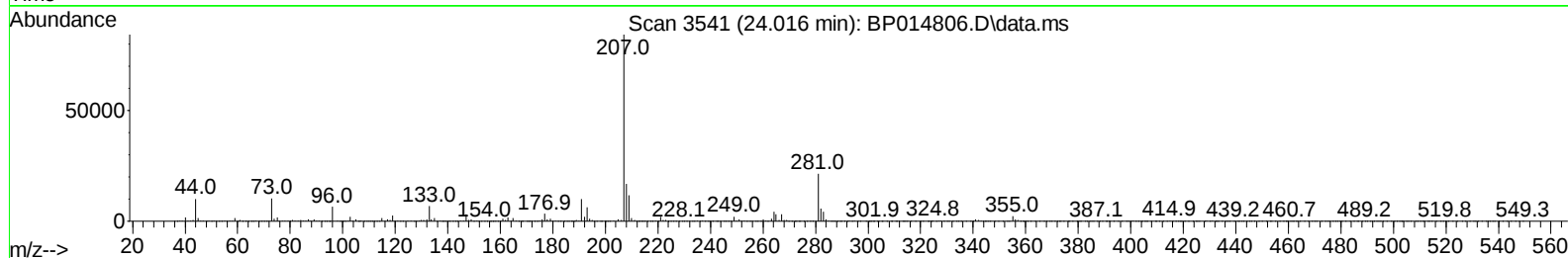
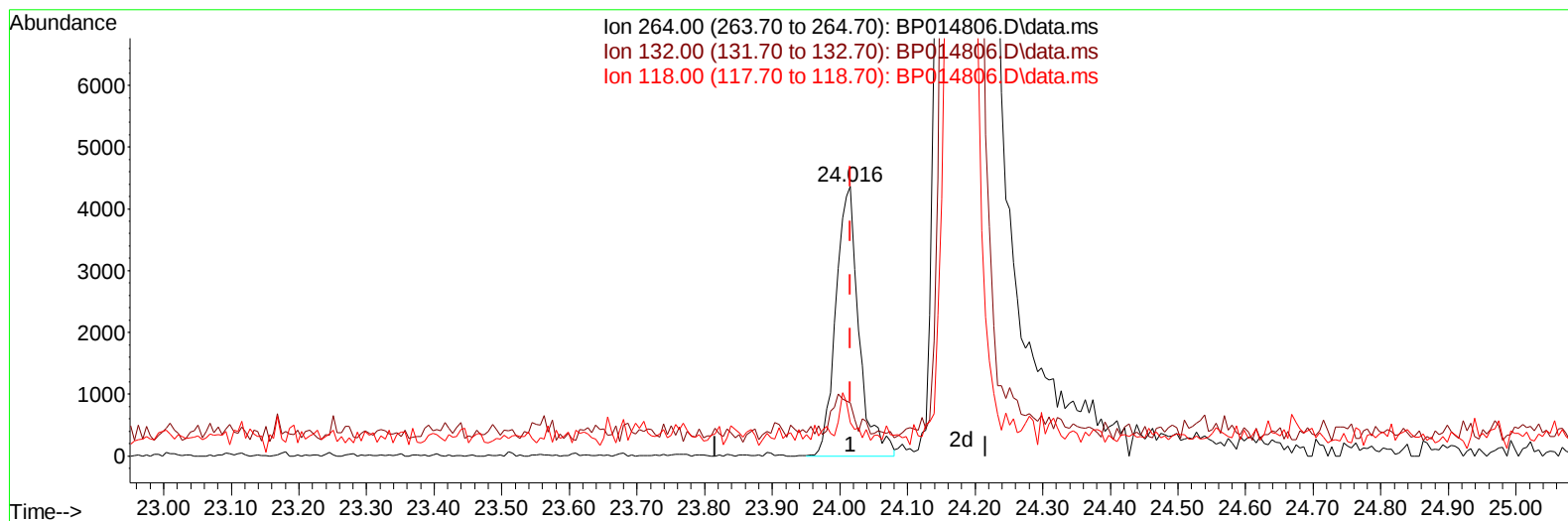
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042023\  
Data File : BP014806.D  
Acq On : 22 Apr 2023 00:11  
Operator : CG/JU  
Sample : 02296-22DL2 200X  
Misc :  
ALS Vial : 61 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCBN4DL2

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/24/2023  
Supervised By :Jagrut Upadhyay 04/24/2023

Quant Time: Apr 22 01:37:50 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041823.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Apr 20 02:32:50 2023  
Response via : Initial Calibration



TIC: BP014806.D\data.ms

## (92) Benzo(a)pyrene-d12 (S)

24.016min (-0.000) 0.15 ng/u1 m

response 10304

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 132.00 | 14.30  | 19.60# |
| 118.00 | 8.90   | 12.40# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042023\  
 Data File : BP014806.D  
 Acq On : 22 Apr 2023 00:11  
 Operator : CG/JU  
 Sample : 02296-22DL2 200X  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCBN4DL2

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/24/2023  
 Supervised By :Jagrut Upadhyay 04/24/2023

Quant Time: Apr 22 01:37:50 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041823.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 20 02:32:50 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.158  | 152  | 313208   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.987 | 136  | 1326394  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.787 | 164  | 865721   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.534 | 188  | 1965610  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.604 | 240  | 1594671  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.180 | 264  | 1348215  | 20.000 | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0d       | 0.000  | ng/uL  |          |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul  |          |
| 7) Phenol-d5                  | 7.299  | 99   | 1211     | 0.045  | ng/ul  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.469  | 67   | 3399     | 0.203  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.681  | 132  | 2678     | 0.133  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.858  | 113  | 1733     | 0.082  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.334  | 128  | 1844m    | 0.222  | ng/ul  | 0.01     |
| 24) 2-Nitrophenol-d4          | 10.057 | 143  | 1233     | 0.164  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.587 | 165  | 2667     | 0.131  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000  | ng/ul  |          |
| 46) Dimethylphthalate-d6      | 14.181 | 166  | 13853    | 0.202  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.481 | 160  | 12518    | 0.158  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/ul  |          |
| 60) Fluorene-d10              | 15.769 | 176  | 12124    | 0.206  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/ul  |          |
| 73) Anthracene-d10            | 17.634 | 188  | 20086m   | 0.212  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.845 | 212  | 19178    | 0.210  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.016 | 264  | 10304m   | 0.147  | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 30) Naphthalene               | 11.040 | 128  | 5816244  | 78.242 | ng/ul  | 99       |
| 36) 2-Methylnaphthalene       | 12.628 | 142  | 435502   | 8.776  | ng/ul  | 100      |
| 37) 1-Methylnaphthalene       | 12.846 | 142  | 204047   | 4.147  | ng/ul  | 100      |
| 52) Acenaphthene              | 14.851 | 153  | 116864   | 1.991  | ng/ul  | 99       |
| 56) Dibenzofuran              | 15.181 | 168  | 156094   | 1.889  | ng/ul  | 97       |
| 61) Fluorene                  | 15.828 | 166  | 67907    | 1.007  | ng/ul  | 99       |
| -----                         |        |      |          |        |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042023\  
Data File : BP014806.D  
Acq On : 22 Apr 2023 00:11  
Operator : CG/JU  
Sample : 02296-22DL2 200X  
Misc :  
ALS Vial : 61 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCBN4DL2

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/24/2023  
Supervised By :Jagrut Upadhyay 04/24/2023

Quant Time: Apr 22 01:37:50 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041823.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Apr 20 02:32:50 2023  
Response via : Initial Calibration

