

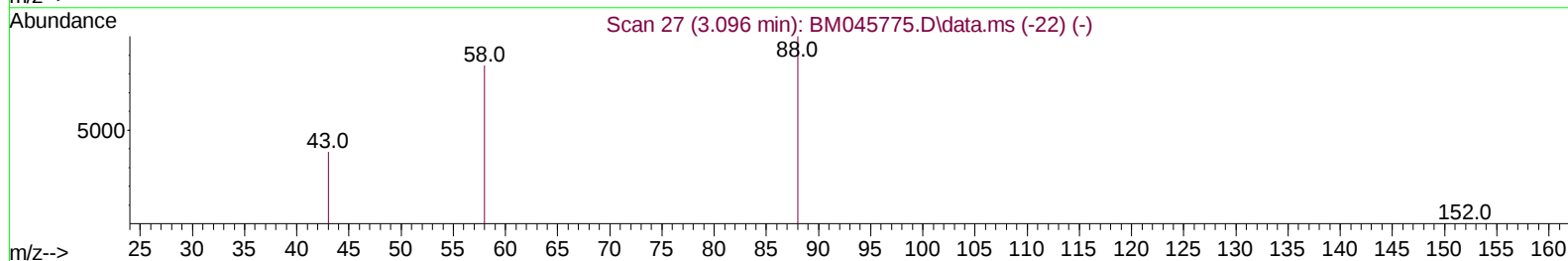
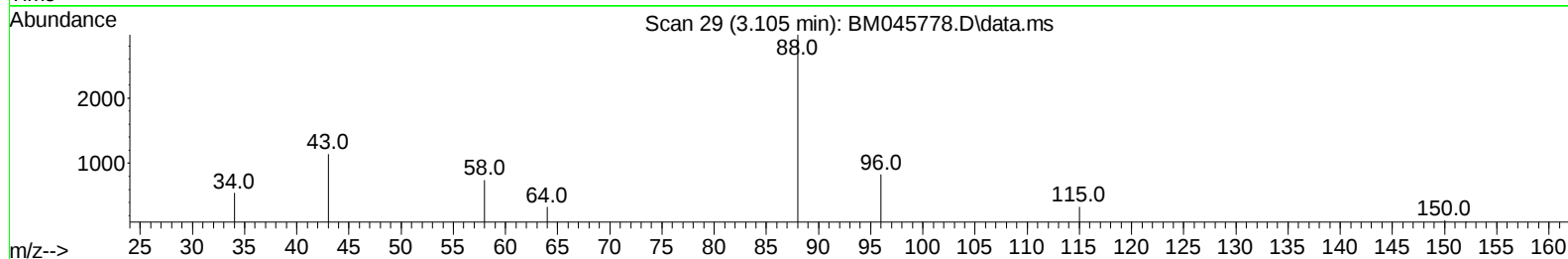
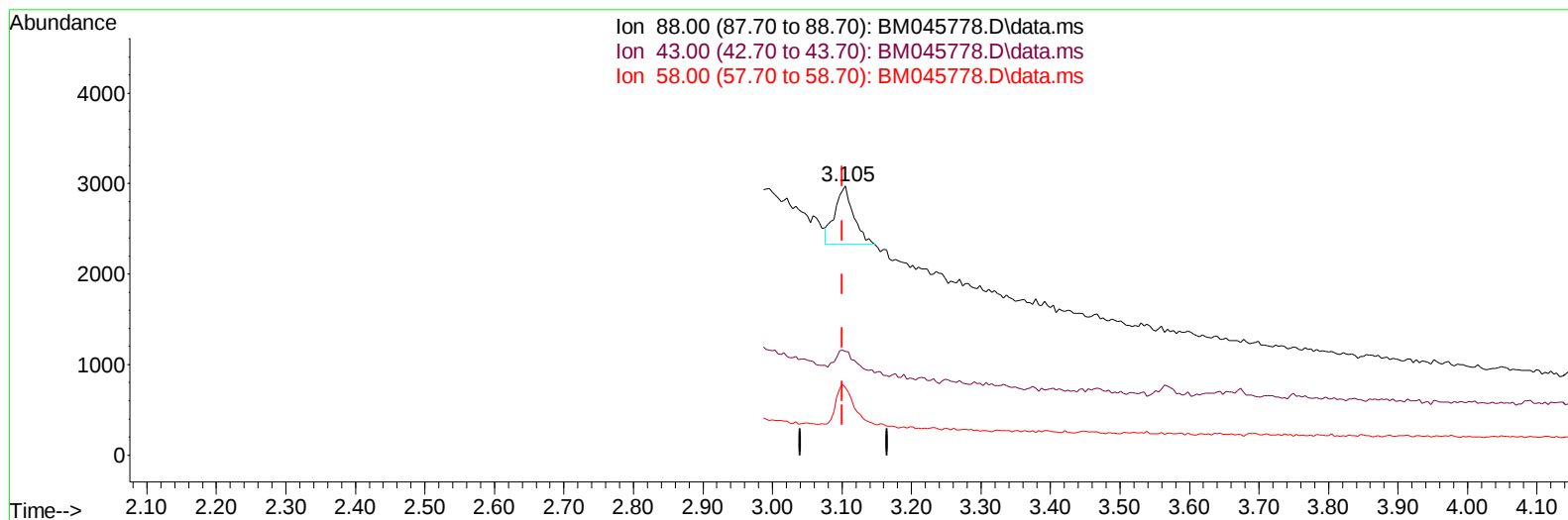
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052924\  
Data File : BM045778.D  
Acq On : 29 May 2024 12:19  
Operator : MA/JU  
Sample : P2409-03  
Misc : SFAM-SIM-MDL-SOIL-01  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Quant Time: May 29 12:57:38 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM052824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 29 00:02:49 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/30/2024  
Supervised By :mohammad ahmed 05/31/2024



TIC: BM045778.D\data.ms

(2) 1,4-Dioxane

3.105min (+ 0.004) 0.13 ng/u1

response 1201

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 48.00  | 38.49  |
| 58.00 | 58.80  | 25.03# |
| 0.00  | 0.00   | 0.00   |

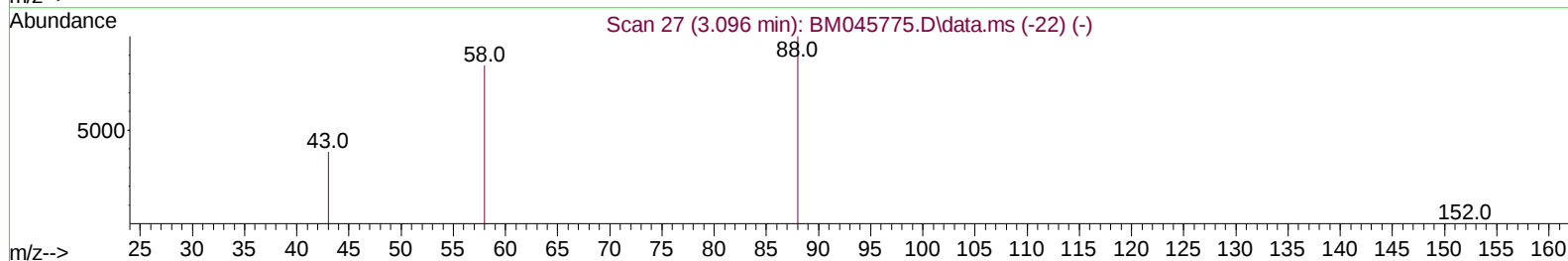
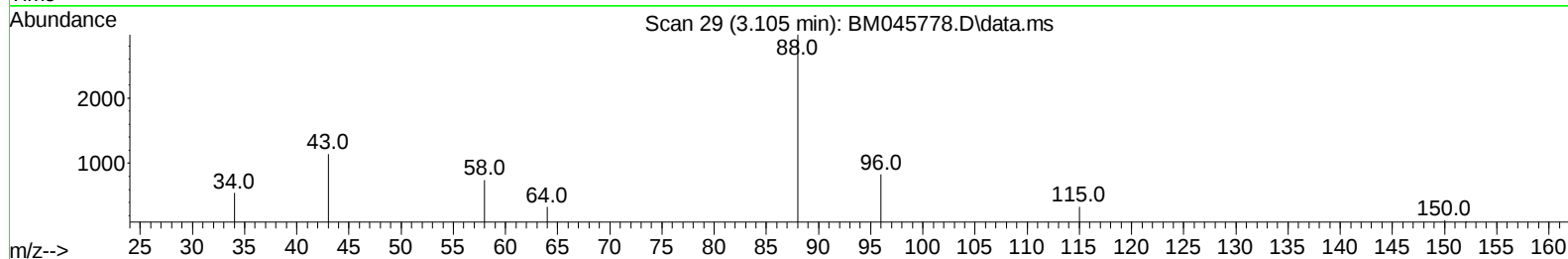
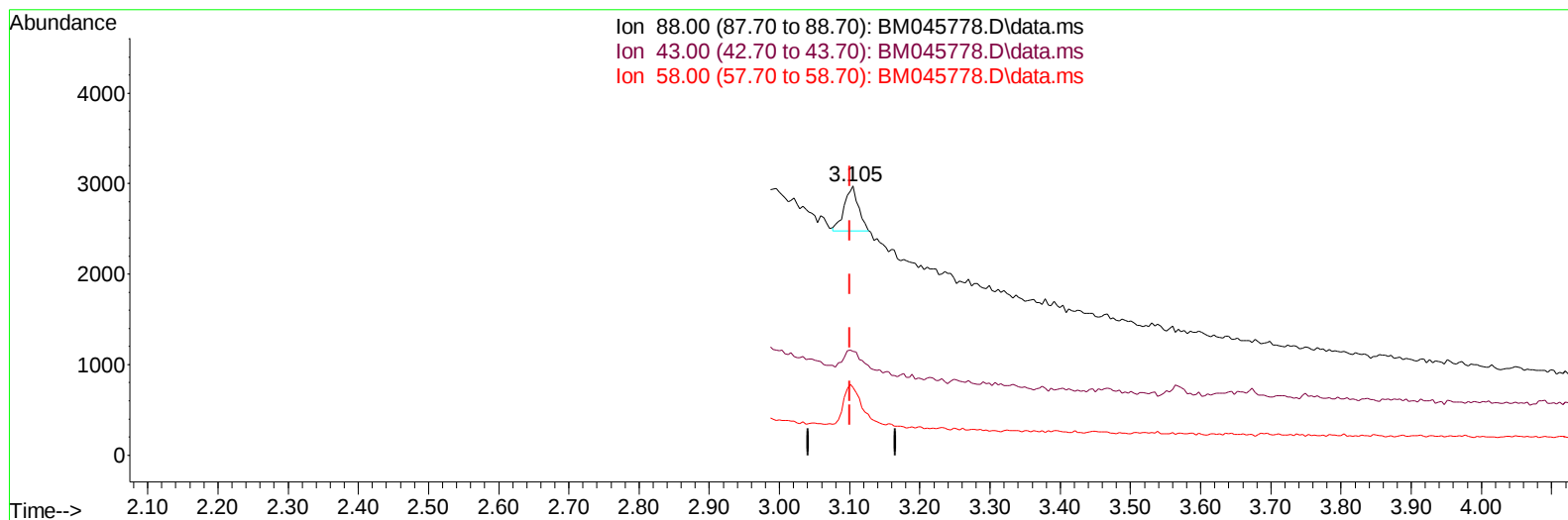
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052924\  
Data File : BM045778.D  
Acq On : 29 May 2024 12:19  
Operator : MA/JU  
Sample : P2409-03  
Misc : SFAM-SIM-MDL-SOIL-01  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Quant Time: May 29 12:57:38 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM052824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 29 00:02:49 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/30/2024  
Supervised By :mohammad ahmed 05/31/2024



TIC: BM045778.D\data.ms

(2) 1,4-Dioxane

3.105min (+ 0.004) 0.07 ng/ul m

response 689

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 48.00  | 38.49  |
| 58.00 | 58.80  | 25.03# |
| 0.00  | 0.00   | 0.00   |

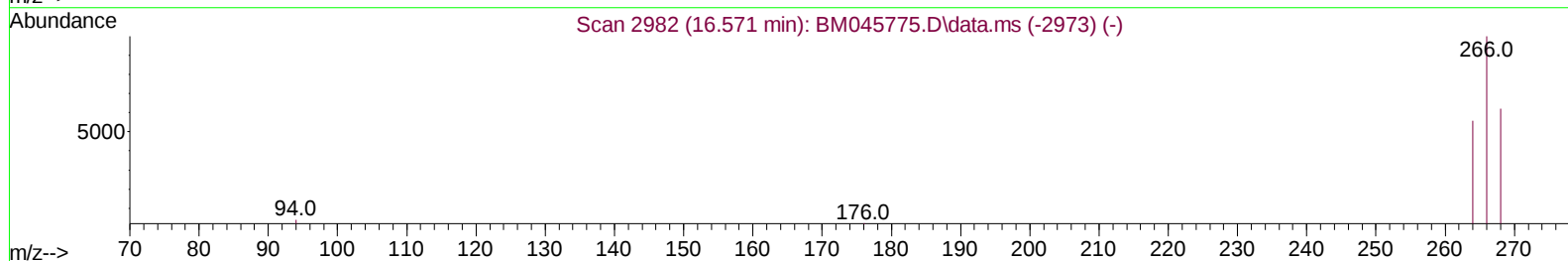
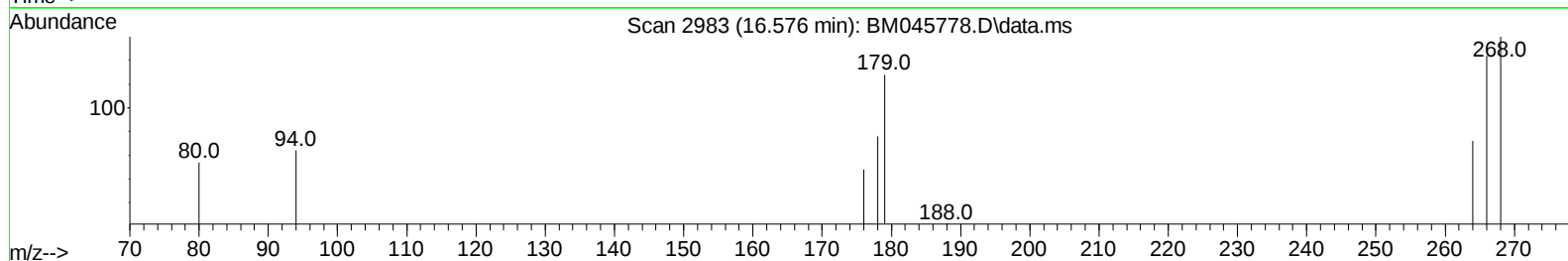
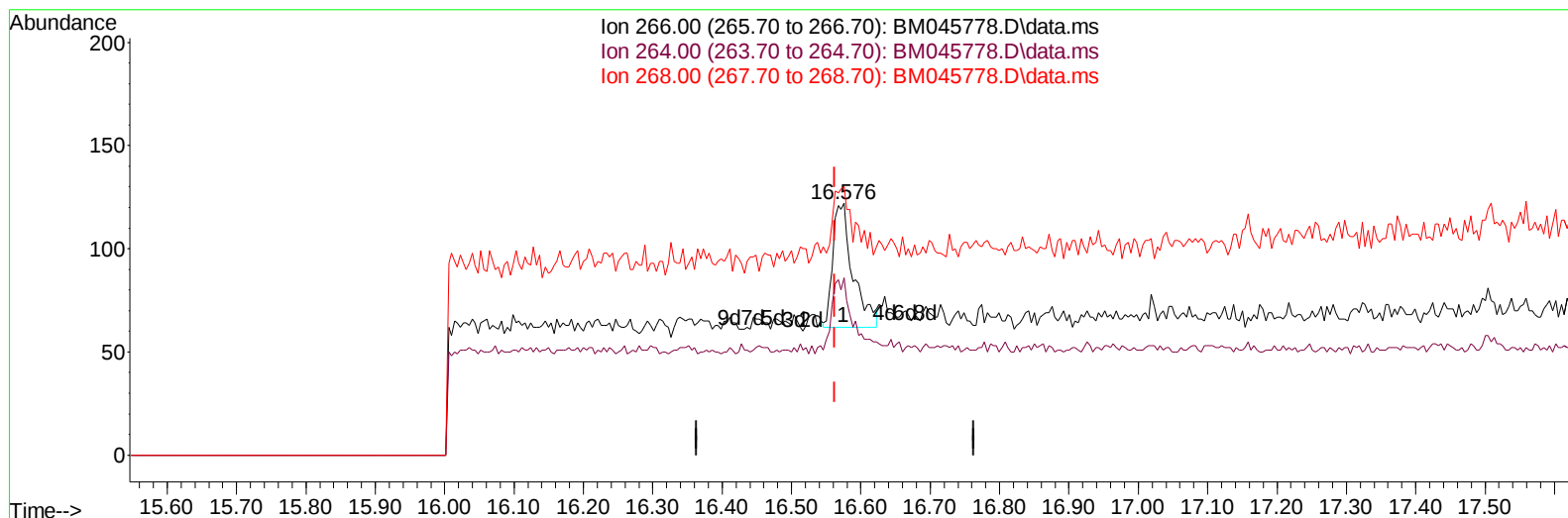
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052924\  
Data File : BM045778.D  
Acq On : 29 May 2024 12:19  
Operator : MA/JU  
Sample : P2409-03  
Misc : SFAM-SIM-MDL-SOIL-01  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-SOIL-QT2-2024-03

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024  
Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 29 12:57:38 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM052824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 29 00:02:49 2024  
Response via : Initial Calibration



TIC: BM045778.D\data.ms

## (14) Pentachloropheno1

16.576min (+ 0.013) 0.10 ng/u1

response 121

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 266.00 | 100.00 | 100.00 |
| 264.00 | 60.10  | 68.60  |
| 268.00 | 62.70  | 69.42  |
| 0.00   | 0.00   | 0.00   |

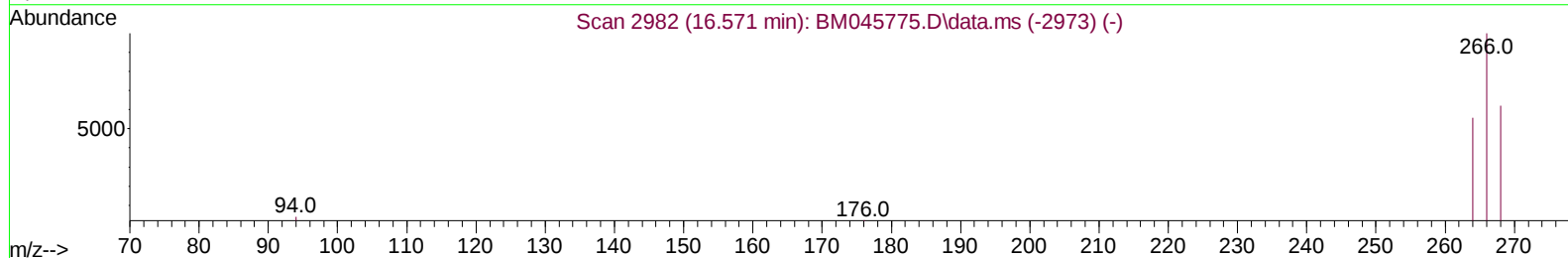
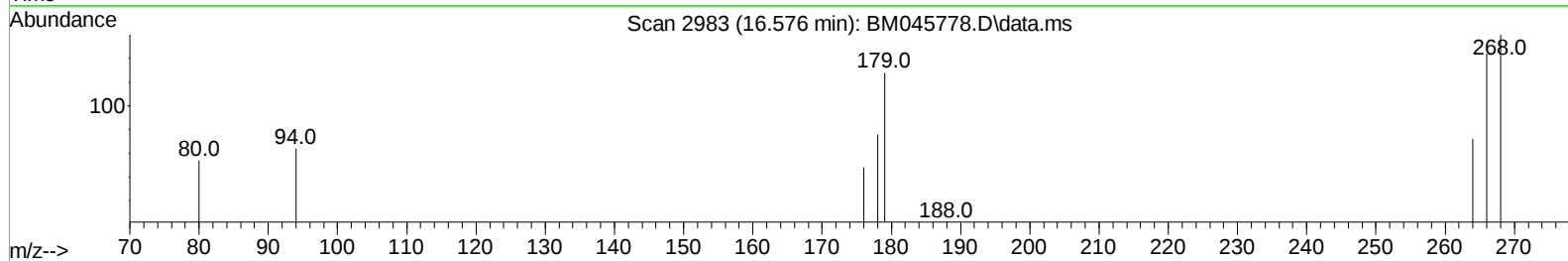
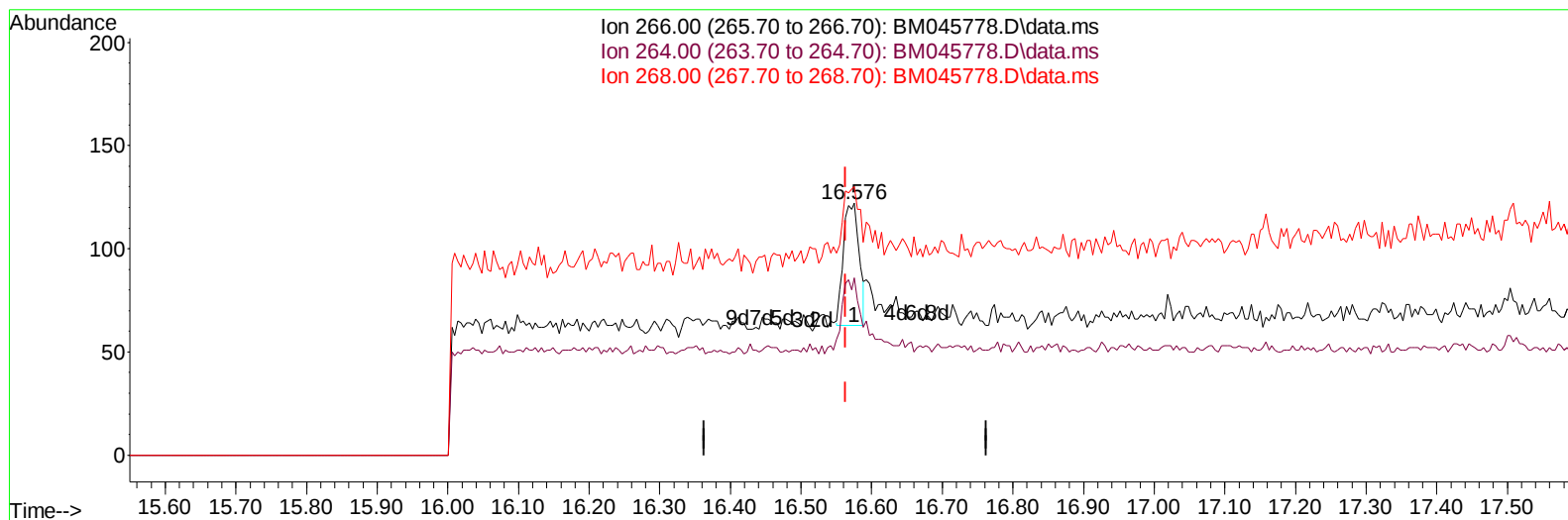
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052924\  
 Data File : BM045778.D  
 Acq On : 29 May 2024 12:19  
 Operator : MA/JU  
 Sample : P2409-03  
 Misc : SFAM-SIM-MDL-SOIL-01  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-SOIL-QT2-2024-03

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024  
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 29 12:57:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM052824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 29 00:02:49 2024  
 Response via : Initial Calibration



TIC: BM045778.D\data.ms

## (14) Pentachloropheno1

16.576min (+ 0.013) 0.07 ng/ul m

response 91

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 266.00 | 100.00 | 100.00 |
| 264.00 | 60.10  | 91.21# |
| 268.00 | 62.70  | 92.31# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052924\  
 Data File : BM045778.D  
 Acq On : 29 May 2024 12:19  
 Operator : MA/JU  
 Sample : P2409-03  
 Misc : SFAM-SIM-MDL-SOIL-01  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-SOIL-QT2-2024-03

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024  
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 29 12:57:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM052824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 29 00:02:49 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.480  | 152  | 7423     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.255 | 136  | 22631    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.127 | 164  | 11682    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.871 | 188  | 23579    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.061 | 240  | 15366    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.174 | 264  | 17154    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.071  | 96   | 3312     | 0.345 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.855 | 152  | 11306    | 0.361 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.900 | 212  | 19931    | 0.376 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.105  | 88   | 689m     | 0.074 | ng/ul  |          |
| 5) Naphthalene              | 10.304 | 128  | 4038     | 0.069 | ng/ul# | 95       |
| 7) 2-Methylnaphthalene      | 11.932 | 142  | 2474     | 0.067 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.152 | 142  | 2467     | 0.064 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.850 | 152  | 3521     | 0.065 | ng/ul  | 95       |
| 11) Acenaphthene            | 14.192 | 153  | 2599     | 0.067 | ng/ul  | 98       |
| 12) Fluorene                | 15.182 | 166  | 2872     | 0.066 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.576 | 266  | 91m      | 0.075 | ng/ul  |          |
| 15) Phenanthrene            | 16.913 | 178  | 4415     | 0.066 | ng/ul  | 95       |
| 16) Anthracene              | 17.002 | 178  | 3824     | 0.062 | ng/ul  | 92       |
| 19) Fluoranthene            | 18.928 | 202  | 4748     | 0.067 | ng/ul# | 93       |
| 20) Pyrene                  | 19.295 | 202  | 4776     | 0.065 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.044 | 228  | 3602     | 0.061 | ng/ul  | 94       |
| 22) Chrysene                | 21.044 | 228  | 3602     | 0.059 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 22.548 | 252  | 4041     | 0.064 | ng/ul# | 26       |
| 25) Benzo(k)fluoranthene    | 22.589 | 252  | 4181     | 0.067 | ng/ul# | 50       |
| 26) Benzo(a)pyrene          | 23.080 | 252  | 3552     | 0.067 | ng/ul# | 21       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.249 | 276  | 4187     | 0.071 | ng/ul# | 51       |
| 28) Dibenzo(a,h)anthracene  | 25.266 | 278  | 2900     | 0.067 | ng/ul# | 50       |
| 29) Benzo(g,h,i)perylene    | 25.876 | 276  | 4061     | 0.069 | ng/ul# | 73       |
| -----                       |        |      |          |       |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052924\  
Data File : BM045778.D  
Acq On : 29 May 2024 12:19  
Operator : MA/JU  
Sample : P2409-03  
Misc : SFAM-SIM-MDL-SOIL-01  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-SOIL-QT2-2024-03

## Manual IntegrationsAPPROVED

Quant Time: May 29 12:57:38 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM052824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 29 00:02:49 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/30/2024  
Supervised By :mohammad ahmed 05/31/2024

