

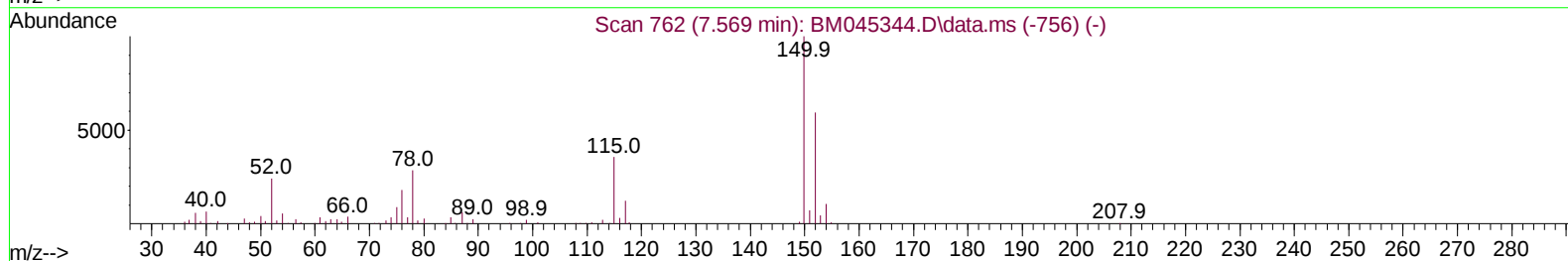
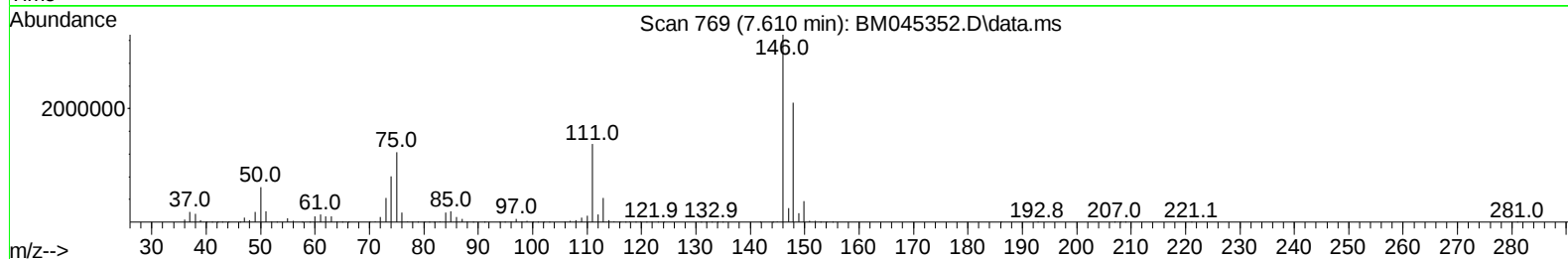
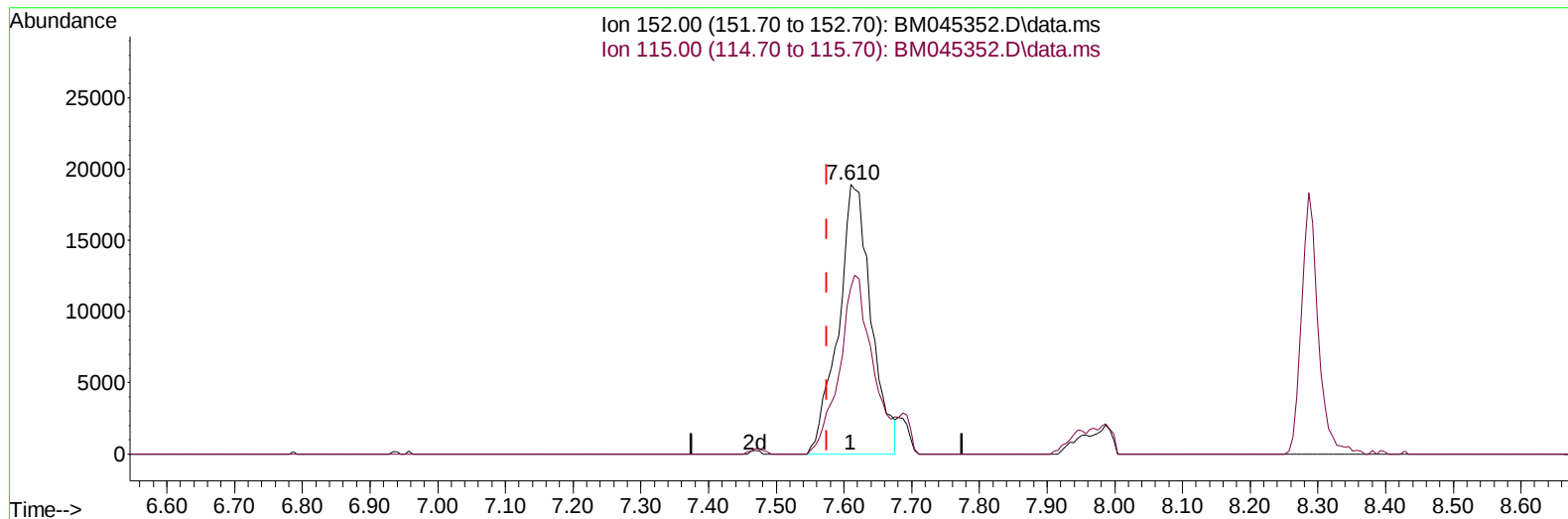
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041724\  
Data File : BM045352.D  
Acq On : 18 Apr 2024 13:04  
Operator : MA/JU  
Sample : P2099-01  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0R55

Manual IntegrationsAPPROVED

Quant Time: Apr 18 13:59:43 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Apr 17 12:42:01 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/19/2024  
Supervised By :mohammad ahmed 04/25/2024



TIC: BM045352.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.610min (+ 0.035) 20.00 ng/u1

response 63653

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 115.00 | 55.90  | 61.81  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

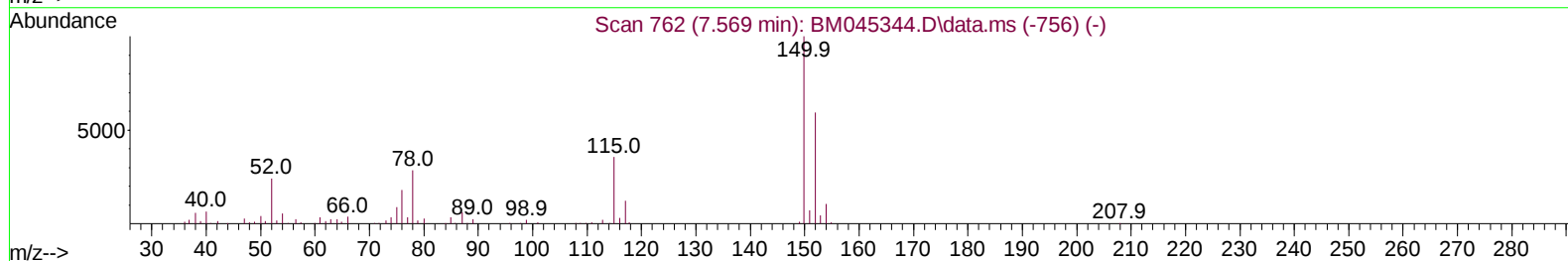
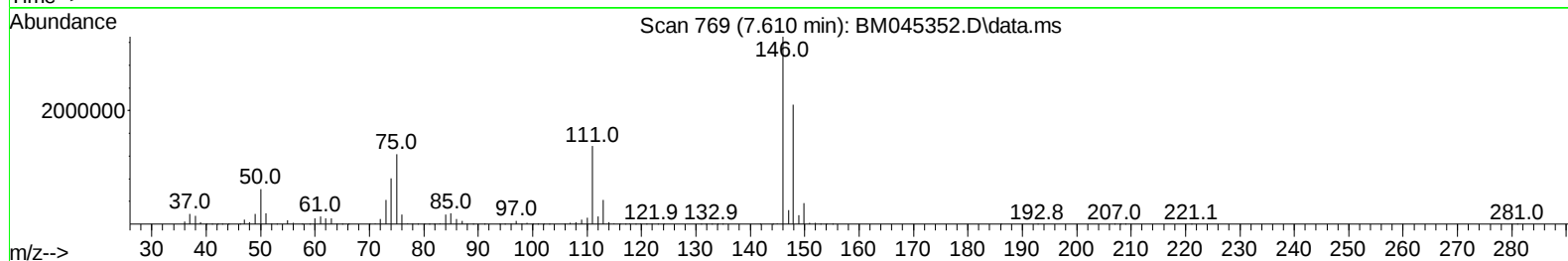
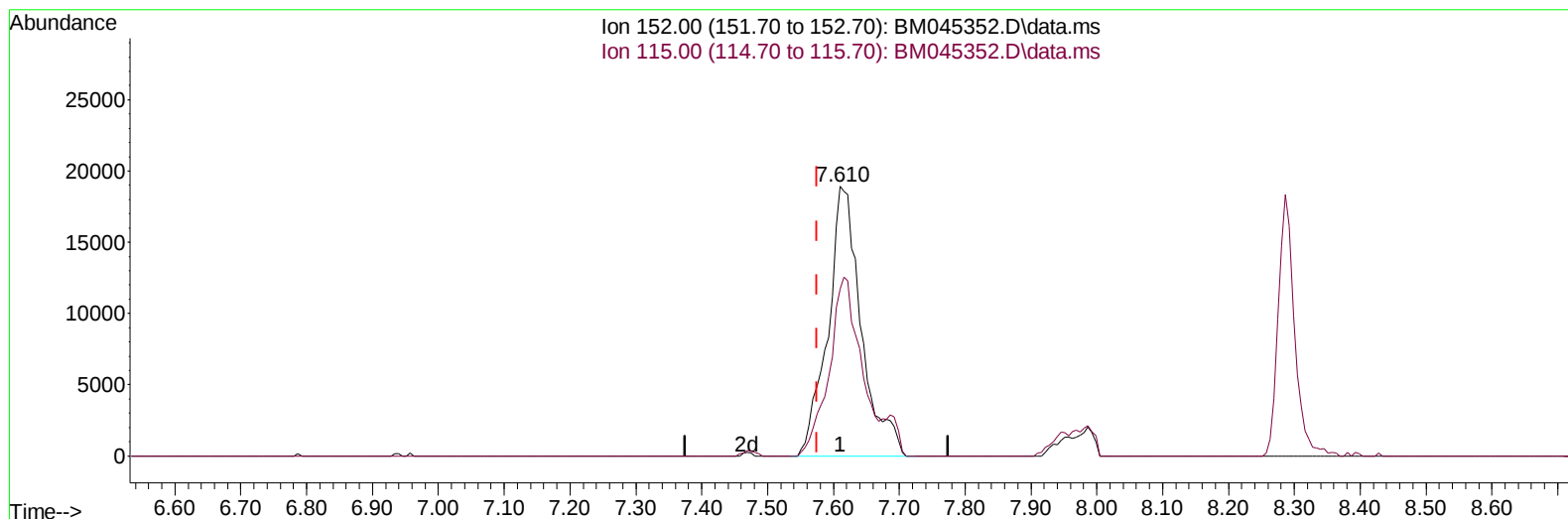
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041724\  
Data File : BM045352.D  
Acq On : 18 Apr 2024 13:04  
Operator : MA/JU  
Sample : P2099-01  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0R55

Manual IntegrationsAPPROVED

Quant Time: Apr 18 13:59:43 2024  
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Reviewed By :Yogesh Patel 04/19/2024  
Supervised By :mohammad ahmed 04/25/2024



TIC: BM045352.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.610min (+ 0.035) 20.00 ng/ul m

response 66646

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 115.00 | 55.90  | 61.81  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |



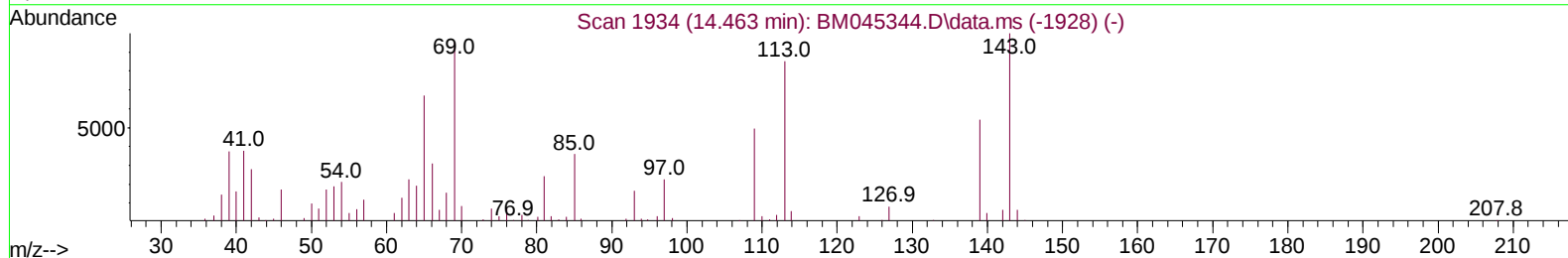
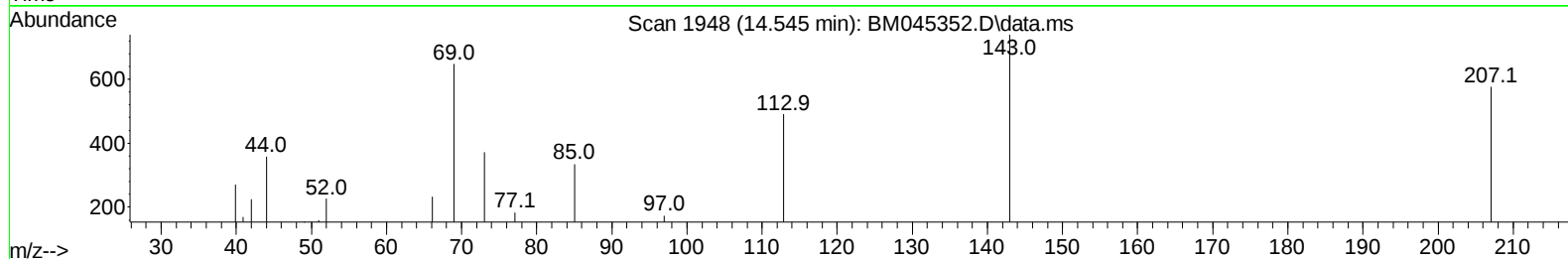
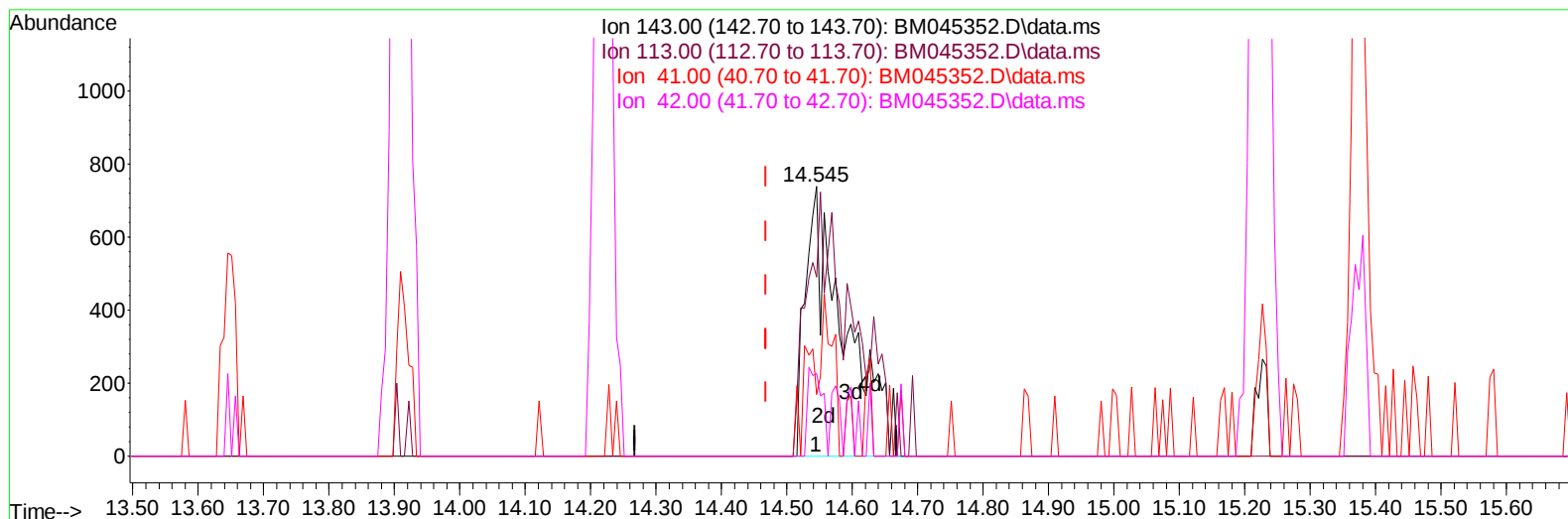
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041724\  
 Data File : BM045352.D  
 Acq On : 18 Apr 2024 13:04  
 Operator : MA/JU  
 Sample : P2099-01  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0R55

Manual IntegrationsAPPROVED

Quant Time: Apr 18 14:02:45 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 17 12:42:01 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/19/2024  
 Supervised By :mohammad ahmed 04/25/2024



TIC: BM045352.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

14.545min (+ 0.077) 2.49 ng/ul m

response 3099

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 78.80  | 66.31  |
| 41.00  | 36.50  | 22.73# |
| 42.00  | 23.30  | 30.45# |

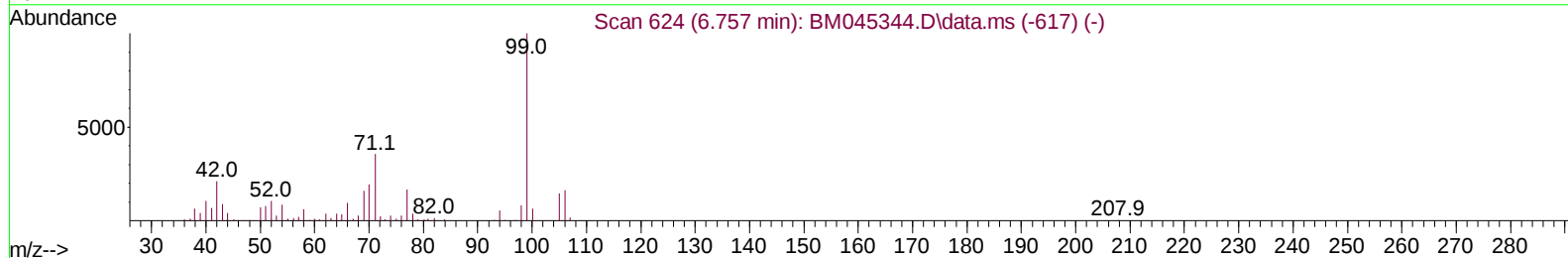
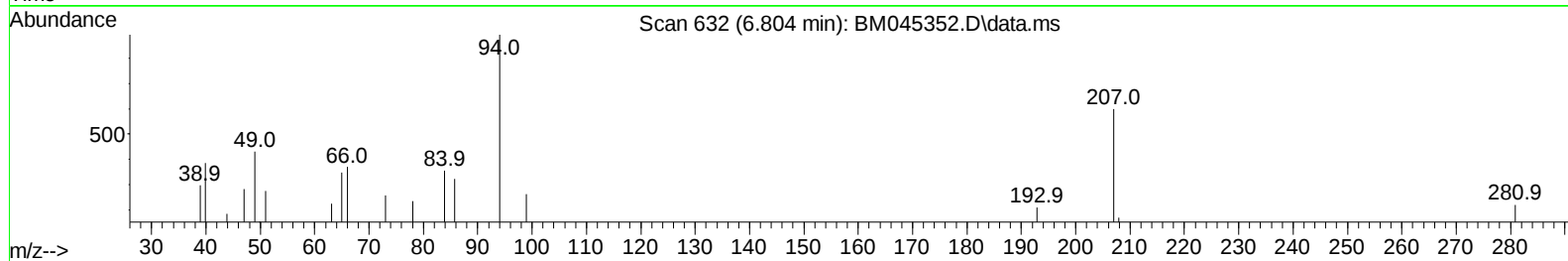
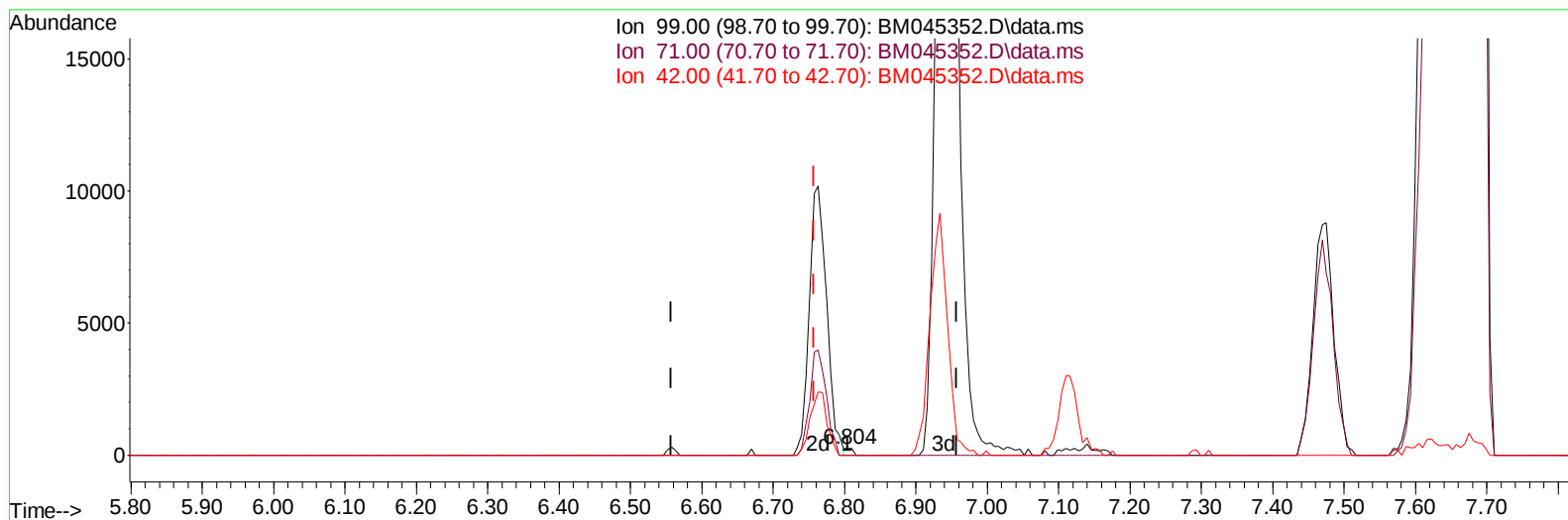
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041724\  
Data File : BM045352.D  
Acq On : 18 Apr 2024 13:04  
Operator : MA/JU  
Sample : P2099-01  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0R55

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2024  
Supervised By :mohammad ahmed 04/25/2024

Quant Time: Apr 18 14:04:23 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Apr 17 12:42:01 2024  
Response via : Initial Calibration



TIC: BM045352.D\data.ms

## (7) Phenol-d5 (S)

6.804min (+ 0.047) 0.03 ng/u1

response 183

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 99.00 | 100.00 | 100.00 |
| 71.00 | 32.50  | 0.00#  |
| 42.00 | 18.30  | 0.00#  |
| 0.00  | 0.00   | 0.00   |

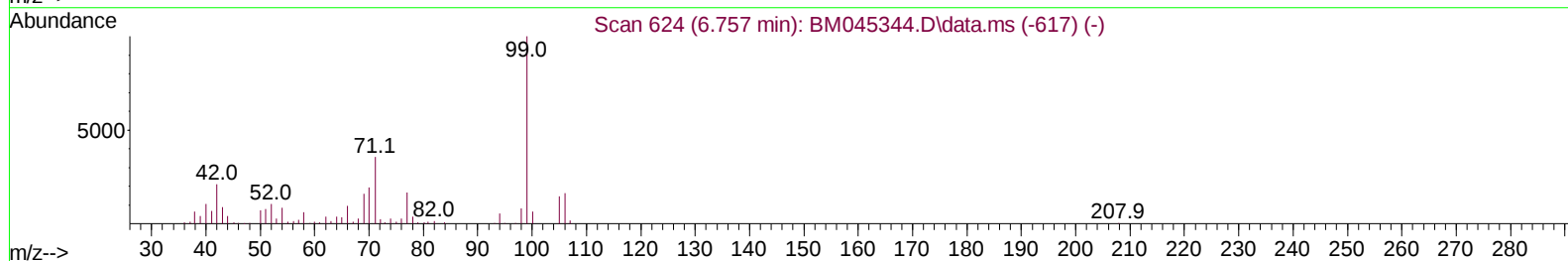
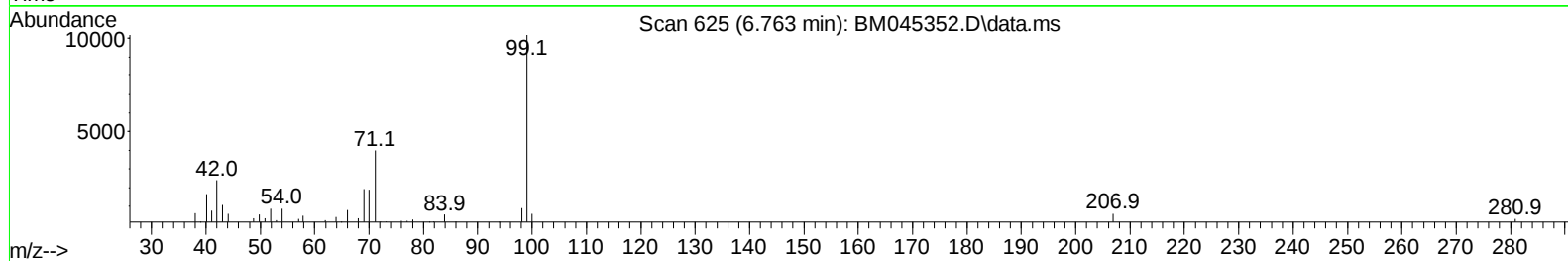
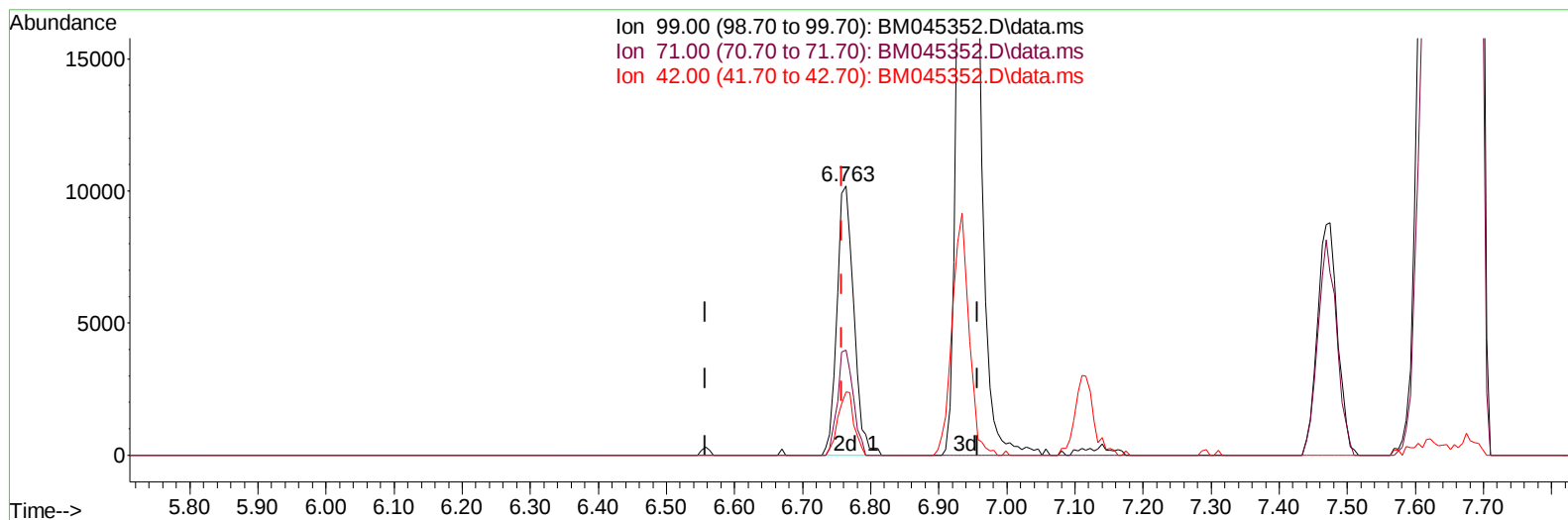
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041724\  
Data File : BM045352.D  
Acq On : 18 Apr 2024 13:04  
Operator : MA/JU  
Sample : P2099-01  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0R55

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2024  
Supervised By :mohammad ahmed 04/25/2024

Quant Time: Apr 18 14:04:23 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Apr 17 12:42:01 2024  
Response via : Initial Calibration



TIC: BM045352.D\data.ms

## (7) Phenol-d5 (S)

6.763min (+ 0.006) 3.11 ng/ul m

response 17579

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 99.00 | 100.00 | 100.00 |
| 71.00 | 32.50  | 39.13# |
| 42.00 | 18.30  | 23.45# |
| 0.00  | 0.00   | 0.00   |

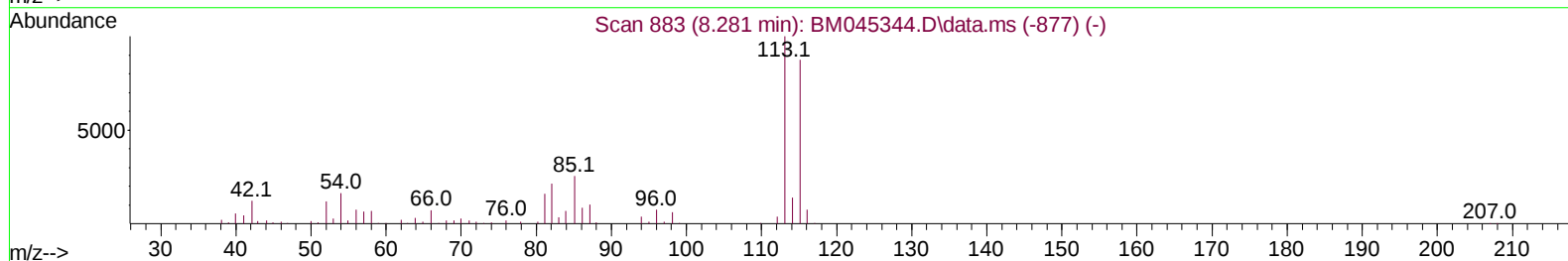
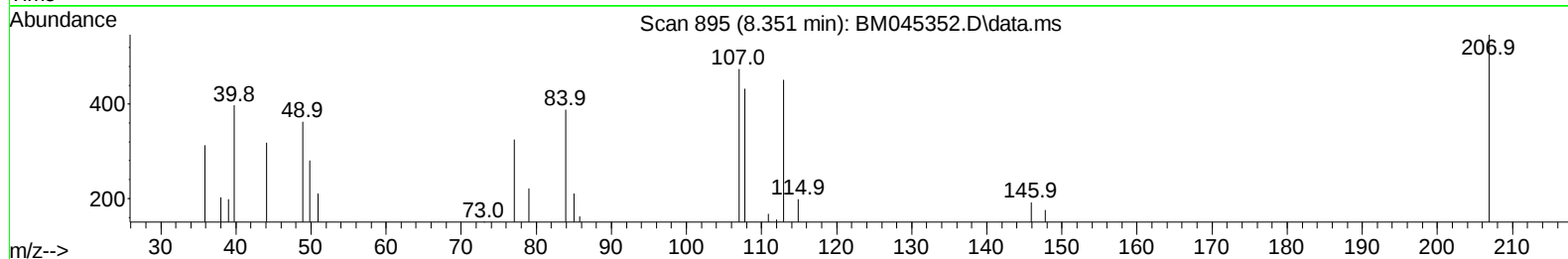
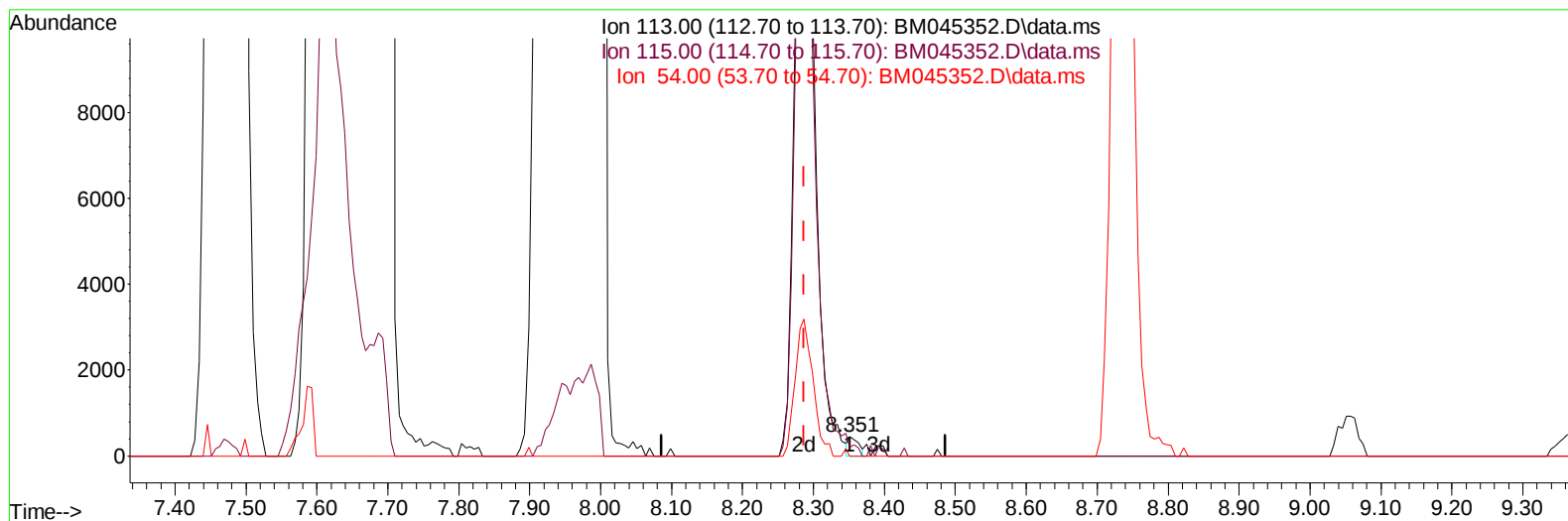
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041724\  
Data File : BM045352.D  
Acq On : 18 Apr 2024 13:04  
Operator : MA/JU  
Sample : P2099-01  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0R55

Manual IntegrationsAPPROVED

Quant Time: Apr 18 14:04:23 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Apr 17 12:42:01 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/19/2024  
Supervised By :mohammad ahmed 04/25/2024



TIC: BM045352.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.351min (+ 0.065) 0.10 ng/u1

response 456

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 115.00 | 91.20  | 44.03# |
| 54.00  | 13.00  | 0.00#  |
| 0.00   | 0.00   | 0.00   |

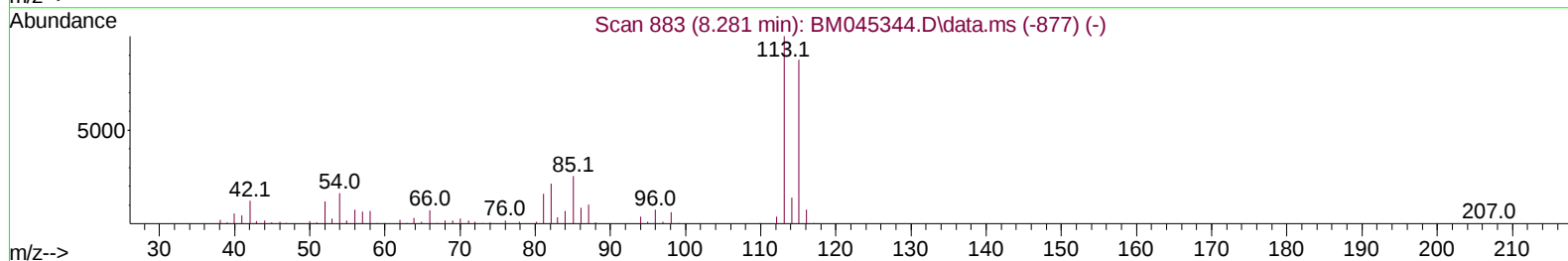
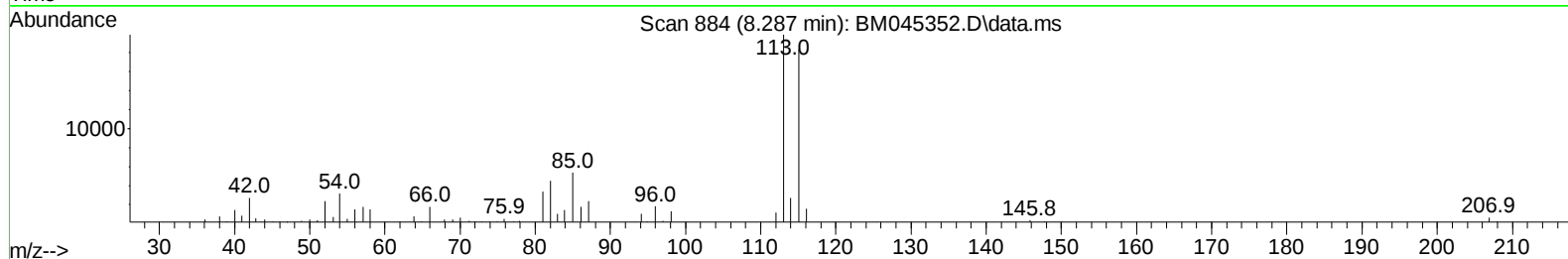
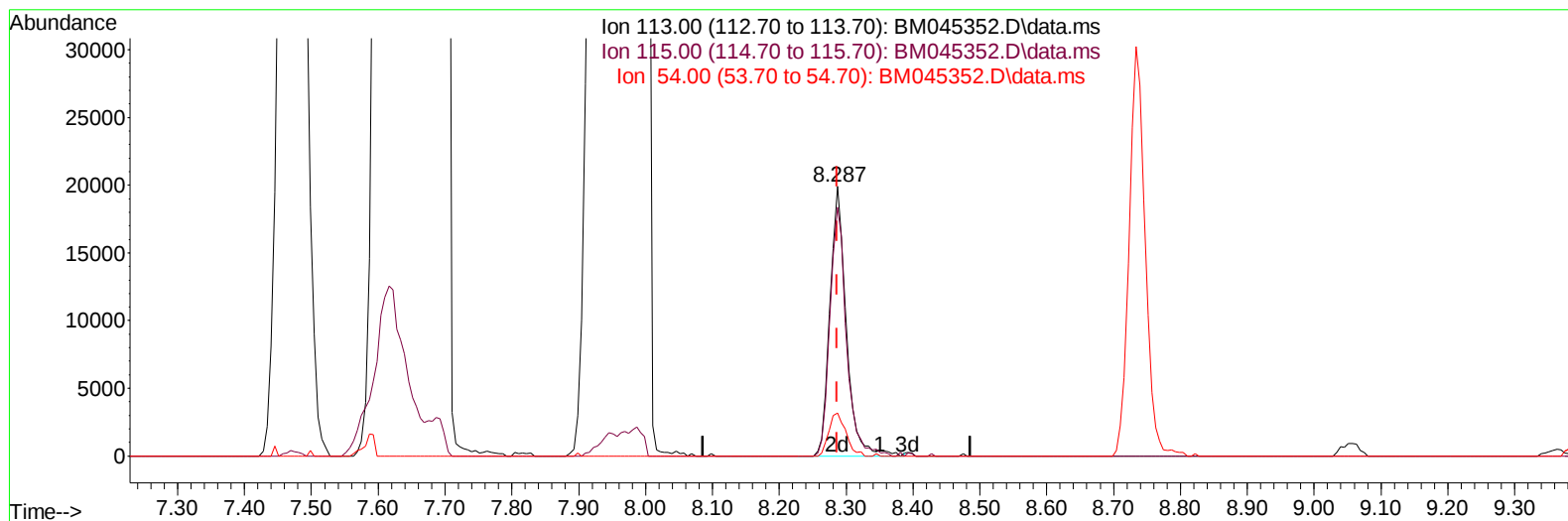
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041724\  
Data File : BM045352.D  
Acq On : 18 Apr 2024 13:04  
Operator : MA/JU  
Sample : P2099-01  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0R55

Manual IntegrationsAPPROVED

Quant Time: Apr 18 14:04:23 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Apr 17 12:42:01 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/19/2024  
Supervised By :mohammad ahmed 04/25/2024



TIC: BM045352.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.287min (+ 0.000) 7.63 ng/u1 m

response 33754

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 115.00 | 91.20  | 92.24  |
| 54.00  | 13.00  | 16.05# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041724\  
 Data File : BM045352.D  
 Acq On : 18 Apr 2024 13:04  
 Operator : MA/JU  
 Sample : P2099-01  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0R55

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2024  
 Supervised By :mohammad ahmed 04/25/2024

Quant Time: Apr 18 14:07:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 17 12:42:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.610  | 152  | 66646m   | 20.000 | ng/ul  | 0.04     |
| 20) Naphthalene-d8            | 10.339 | 136  | 149799   | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.222 | 164  | 85715    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 16.980 | 188  | 172135   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.198 | 240  | 180130   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.392 | 264  | 256662   | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.181  | 96   | 4102     | 2.298  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.587  | 84   | 26281    | 5.415  | ng/ul  | 0.02     |
| 7) Phenol-d5                  | 6.763  | 99   | 17579m   | 3.111  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.940  | 67   | 126925   | 37.706 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.116  | 132  | 64565    | 14.586 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.287  | 113  | 33754m   | 7.632  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.734  | 128  | 41177    | 35.786 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.445  | 143  | 42732    | 35.185 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.975  | 165  | 64944    | 29.166 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.498 | 131  | 104266   | 29.411 | ng/ul  | -0.01    |
| 46) Dimethylphthalate-d6      | 13.651 | 166  | 213694   | 35.806 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.910 | 160  | 256737   | 36.414 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.545 | 143  | 3099m    | 2.488  | ng/ul  | 0.08     |
| 60) Fluorene-d10              | 15.222 | 176  | 189113   | 35.543 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.374 | 200  | 25886    | 25.363 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.080 | 188  | 290745   | 37.547 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.392 | 212  | 341724   | 38.528 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.250 | 264  | 473626   | 37.827 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 32) 4-Chloroaniline           | 10.522 | 127  | 25462    | 7.381  | ng/ul  | 94       |
| -----                         |        |      |          |        |        |          |

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

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Acq On : 18 Apr 2024 13:04  
Operator : MA/JU  
Sample : P2099-01  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0R55

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2024  
Supervised By :mohammad ahmed 04/25/2024

Quant Time: Apr 18 14:07:21 2024  
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