

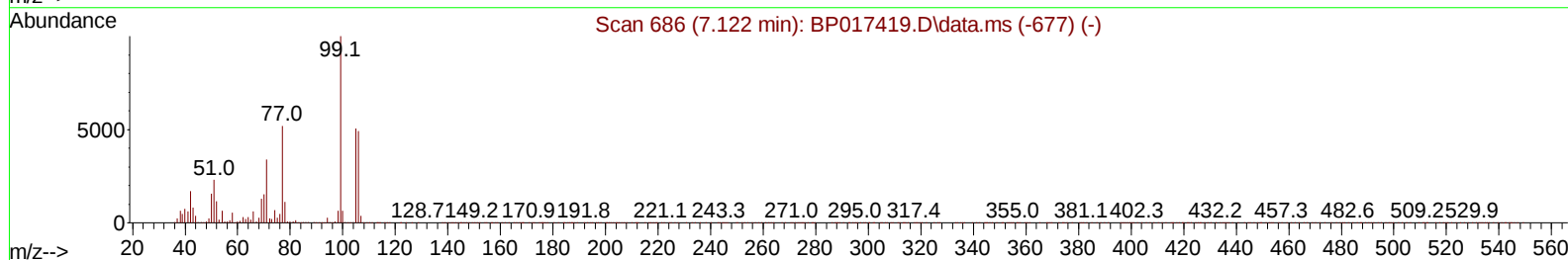
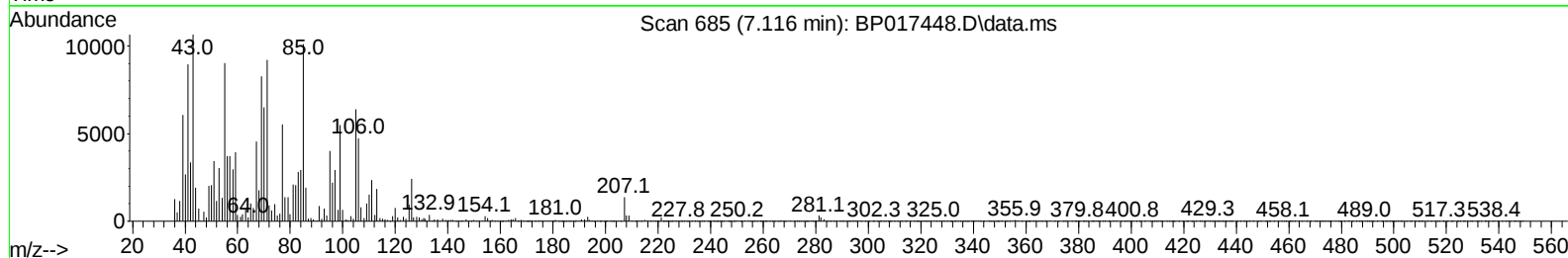
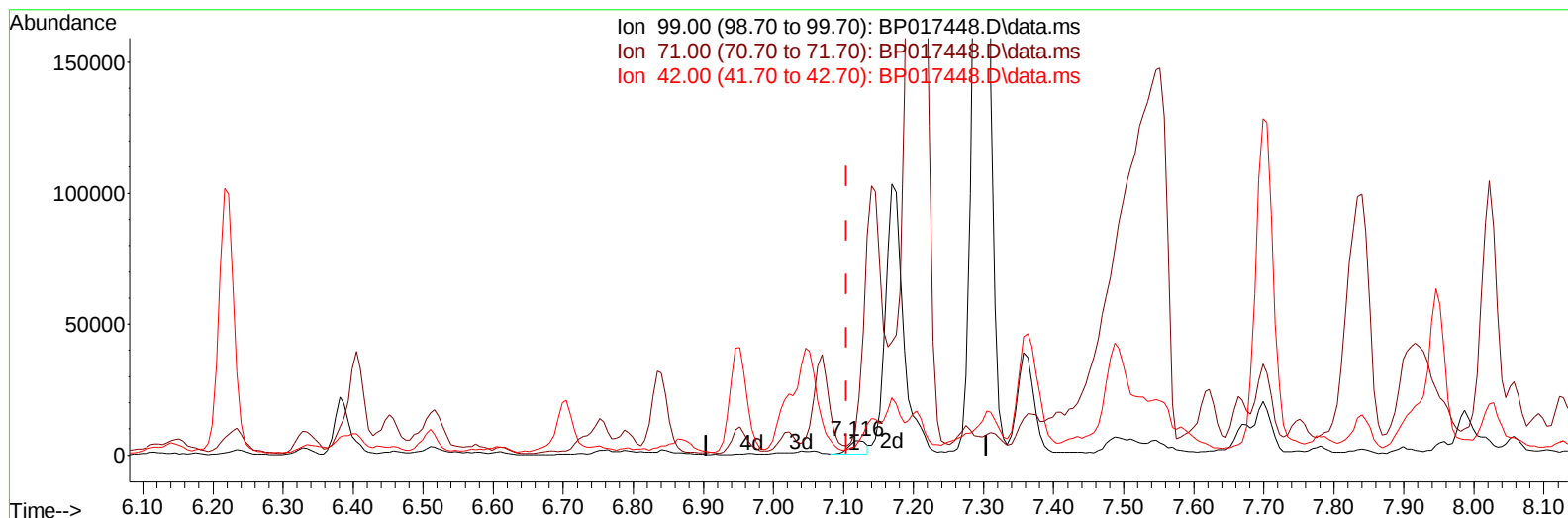
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092923\  
 Data File : BP017448.D  
 Acq On : 29 Sep 2023 16:11  
 Operator : MA/JU  
 Sample : 04497-11  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BBJ20

Manual IntegrationsAPPROVED

Quant Time: Sep 30 05:18:24 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 30 04:02:20 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/02/2023  
 Supervised By :mohammad ahmed 10/03/2023



TIC: BP017448.D\data.ms

(7) Phenol-d5 (S)

7.116min (+ 0.012) 0.36 ng/u1

response 8900

| Ion   | Exp%   | Act%    |
|-------|--------|---------|
| 99.00 | 100.00 | 100.00  |
| 71.00 | 33.30  | 167.61# |
| 42.00 | 17.40  | 61.06#  |
| 0.00  | 0.00   | 0.00    |

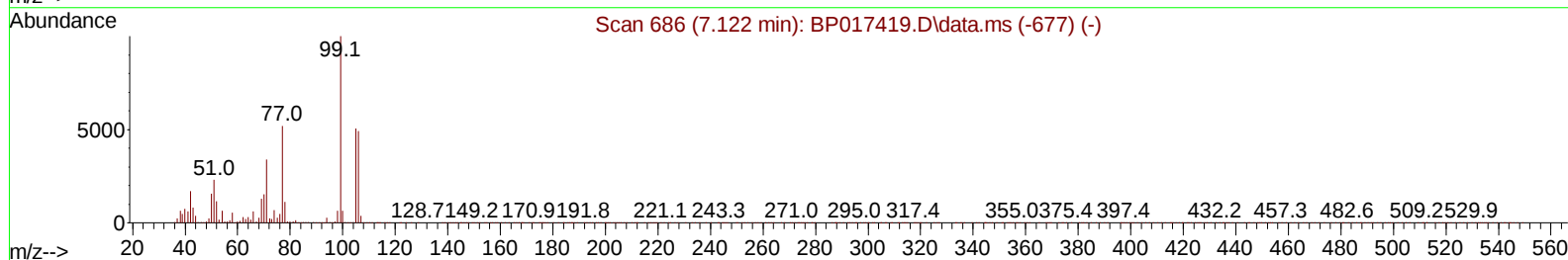
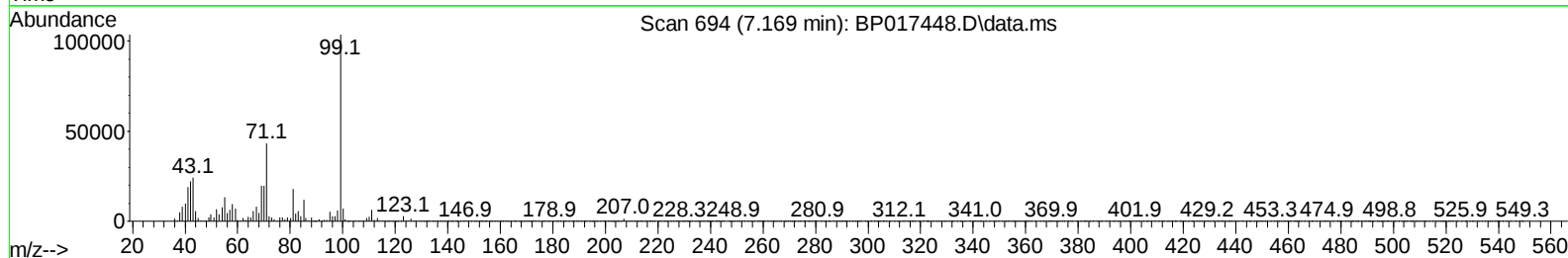
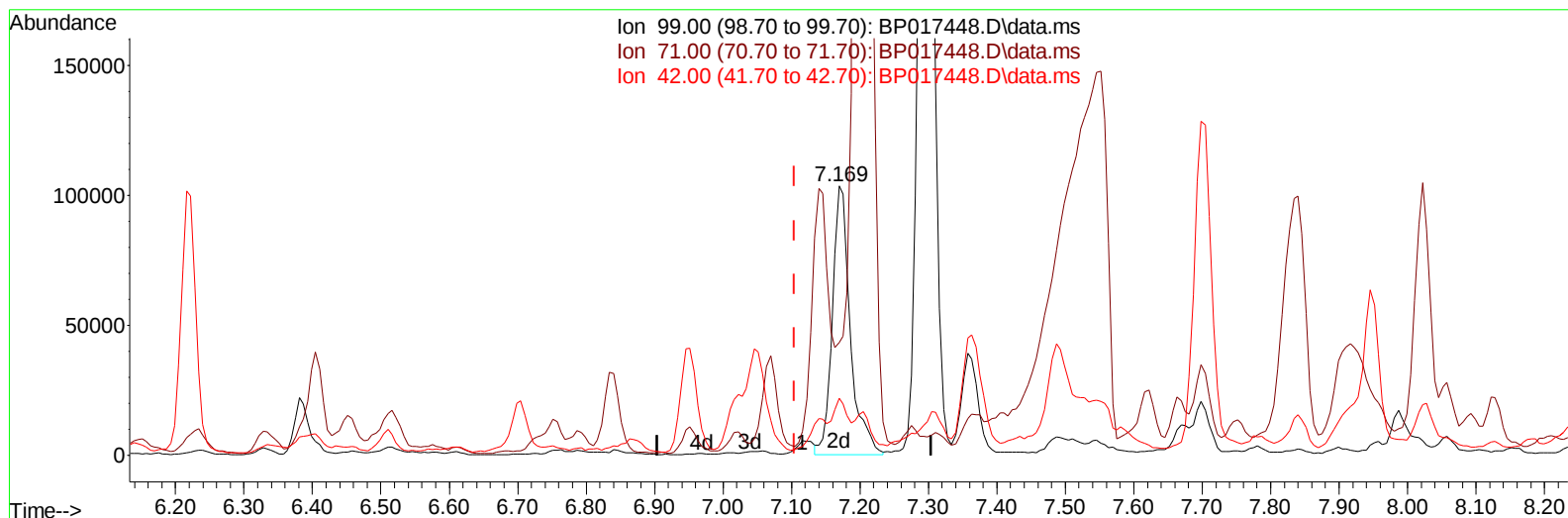
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092923\  
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Instrument :  
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Manual IntegrationsAPPROVED

Quant Time: Sep 30 05:18:24 2023  
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Reviewed By :Yogesh Patel 10/02/2023  
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TIC: BP017448.D\data.ms

(7) Phenol-d5 (S)

7.169min (+ 0.065) 7.64 ng/ul m

response 188476

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 99.00 | 100.00 | 100.00 |
| 71.00 | 33.30  | 41.77# |
| 42.00 | 17.40  | 21.22# |
| 0.00  | 0.00   | 0.00   |

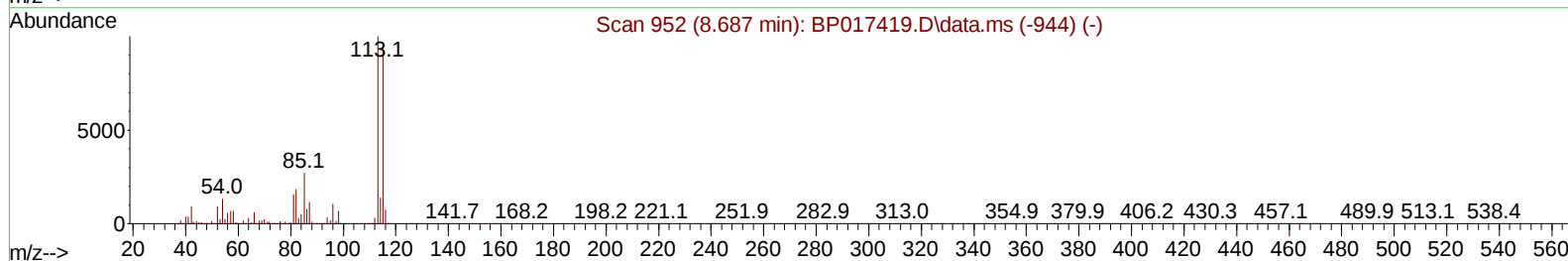
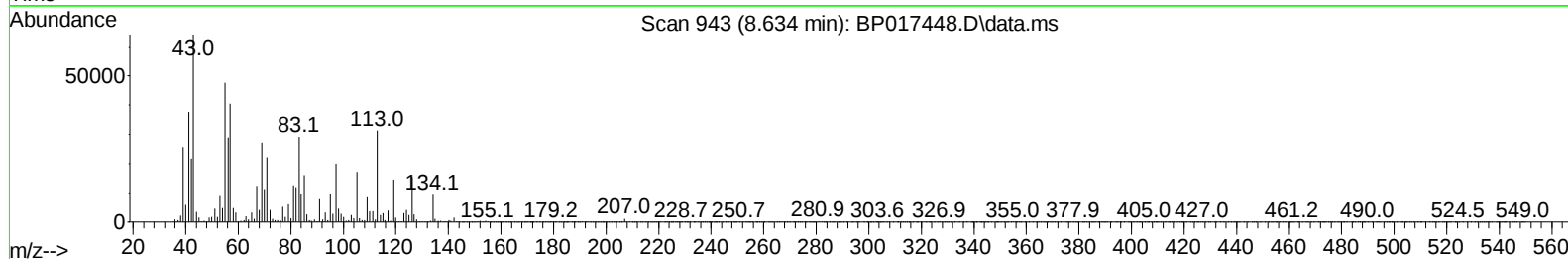
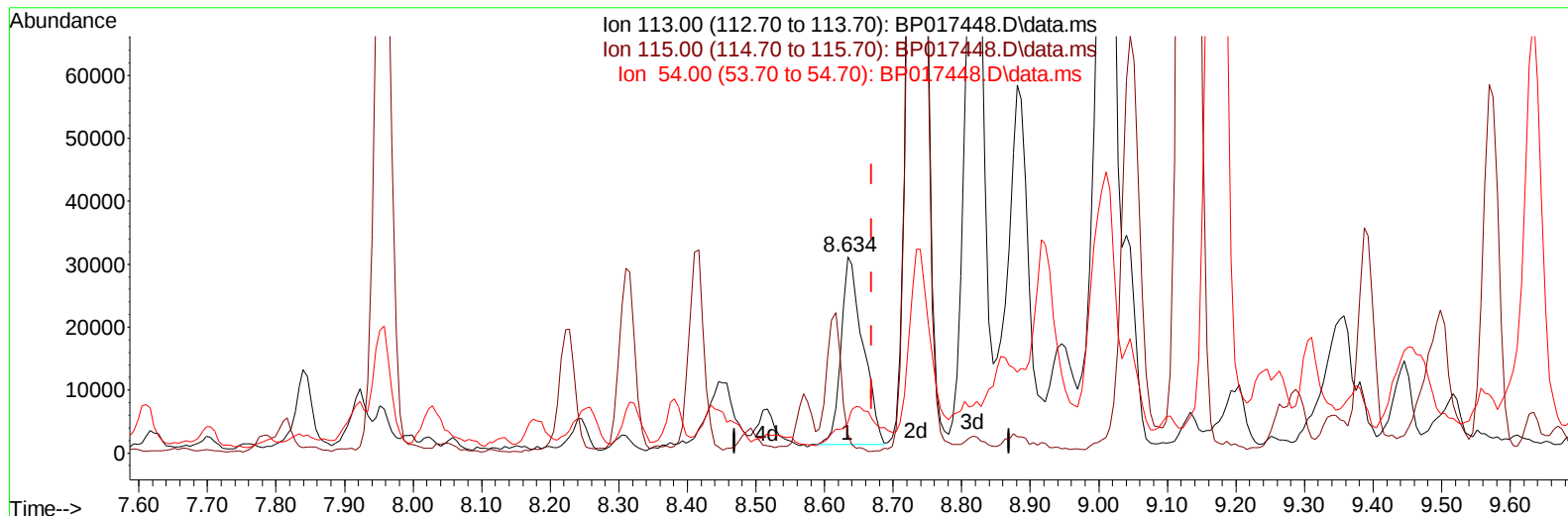
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092923\  
Data File : BP017448.D  
Acq On : 29 Sep 2023 16:11  
Operator : MA/JU  
Sample : 04497-11  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BBJ20

Manual IntegrationsAPPROVED

Quant Time: Sep 30 05:21:12 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Sep 30 04:02:20 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/02/2023  
Supervised By :mohammad ahmed 10/03/2023



TIC: BP017448.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.634min (-0.035) 3.44 ng/u1

response 65922

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 115.00 | 93.10  | 9.65#  |
| 54.00  | 12.10  | 15.62# |
| 0.00   | 0.00   | 0.00   |

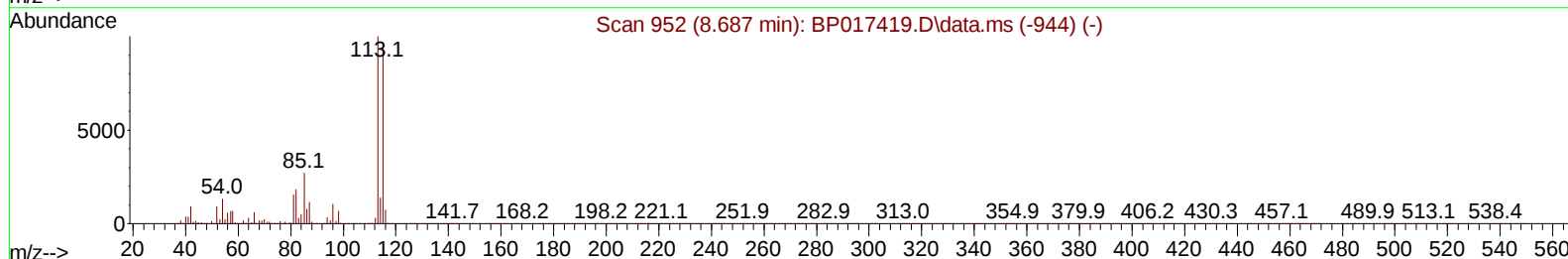
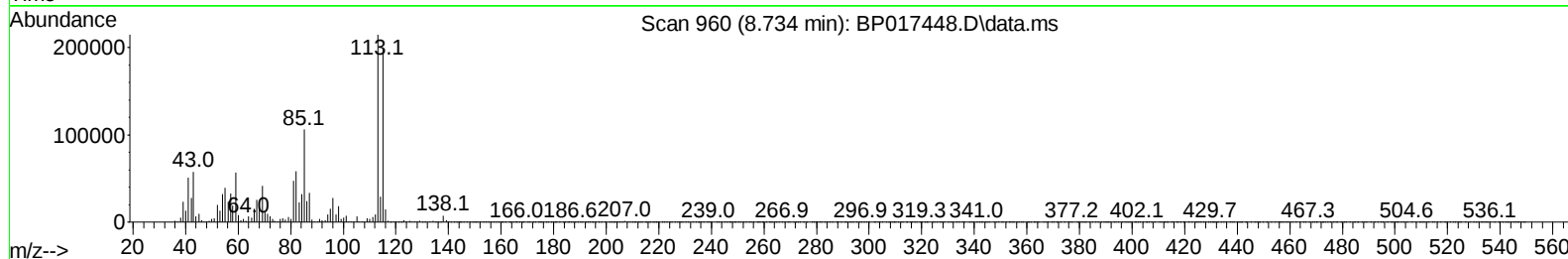
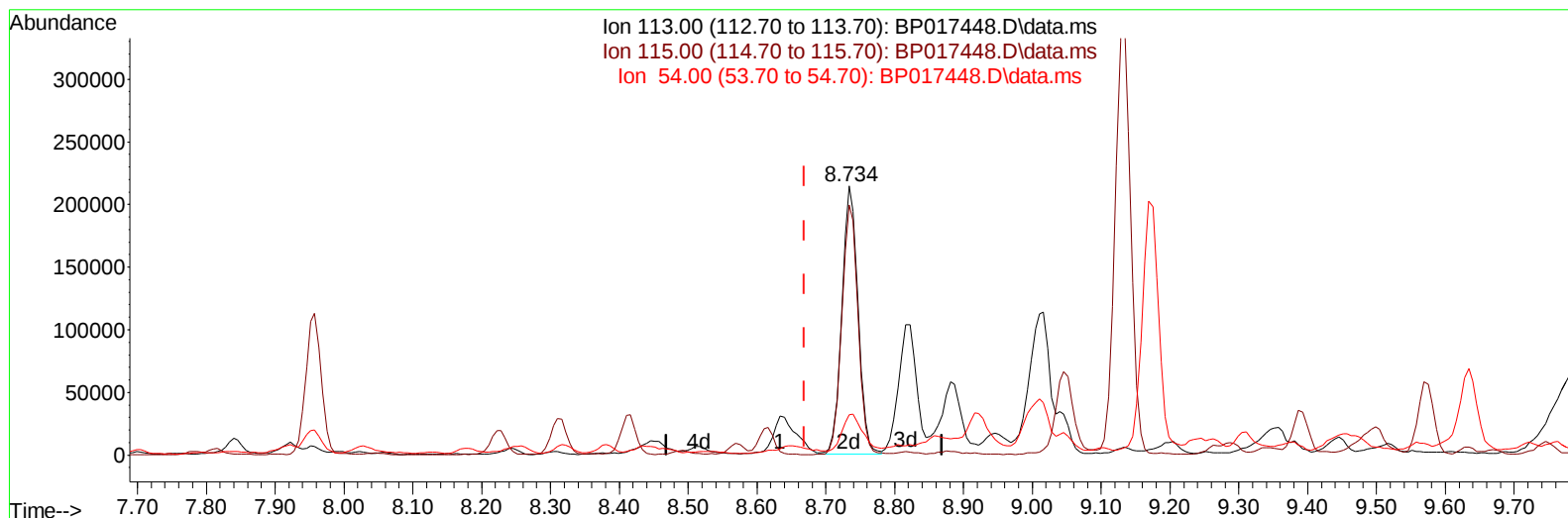
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092923\  
 Data File : BP017448.D  
 Acq On : 29 Sep 2023 16:11  
 Operator : MA/JU  
 Sample : 04497-11  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BBJ20

Manual IntegrationsAPPROVED

Quant Time: Sep 30 05:21:12 2023  
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TIC: BP017448.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.734min (+ 0.065) 18.25 ng/ul m

response 349947

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 115.00 | 93.10  | 92.96  |
| 54.00  | 12.10  | 15.08# |
| 0.00   | 0.00   | 0.00   |

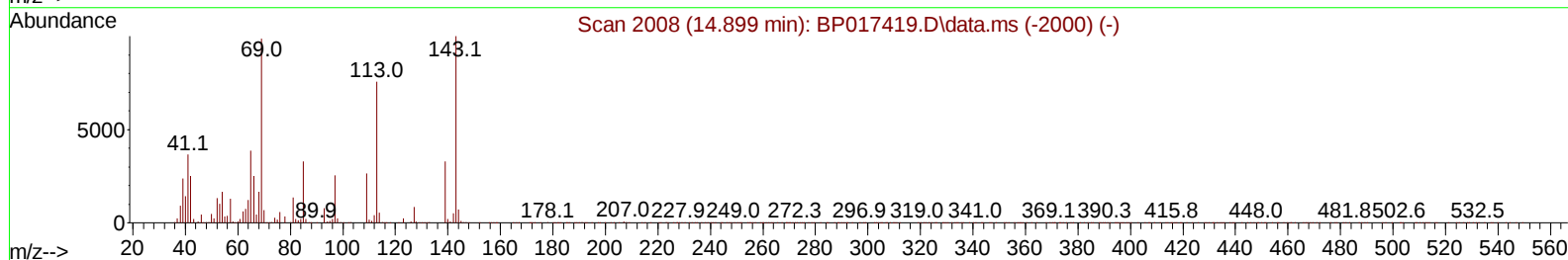
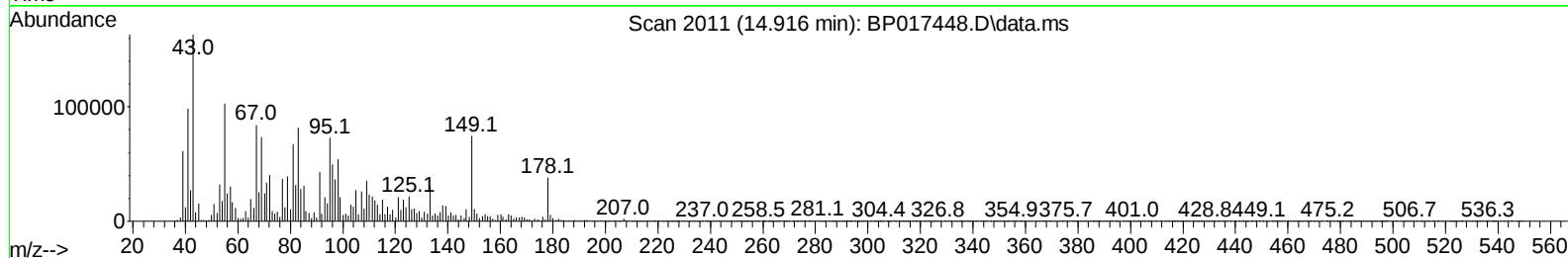
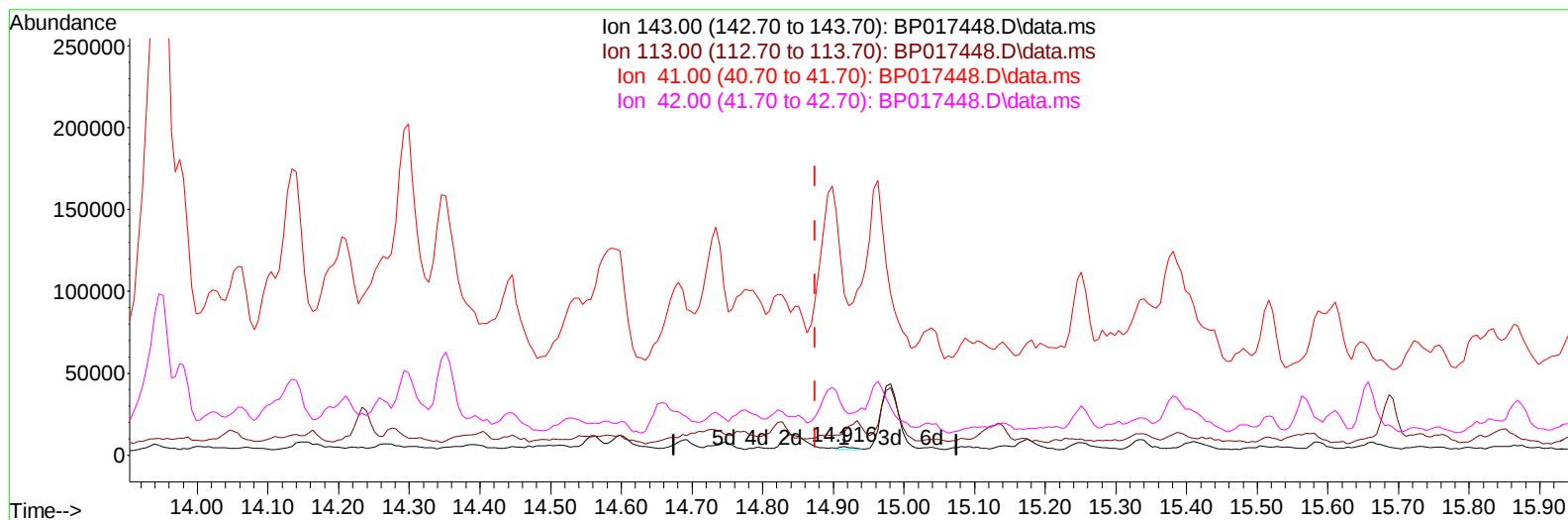
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092923\  
Data File : BP017448.D  
Acq On : 29 Sep 2023 16:11  
Operator : MA/JU  
Sample : 04497-11  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BBJ20

Manual IntegrationsAPPROVED

Quant Time: Sep 30 05:19:41 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Sep 30 04:02:20 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/02/2023  
Supervised By :mohammad ahmed 10/03/2023



TIC: BP017448.D\data.ms

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

**14.916min (+ 0.041) 0.26 ng/u1**

**response 2487**

| Ion    | Exp%   | Act%     |
|--------|--------|----------|
| 143.00 | 100.00 | 100.00   |
| 113.00 | 74.90  | 267.51#  |
| 41.00  | 36.70  | 1857.50# |
| 42.00  | 26.40  | 516.96#  |

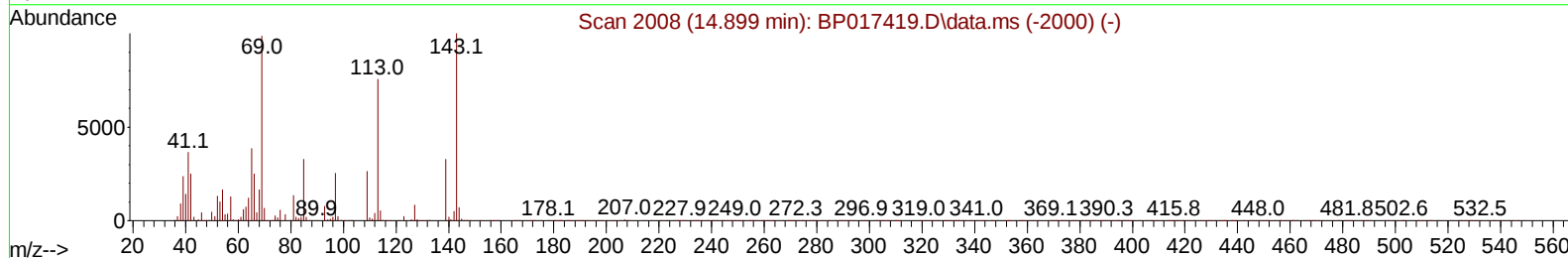
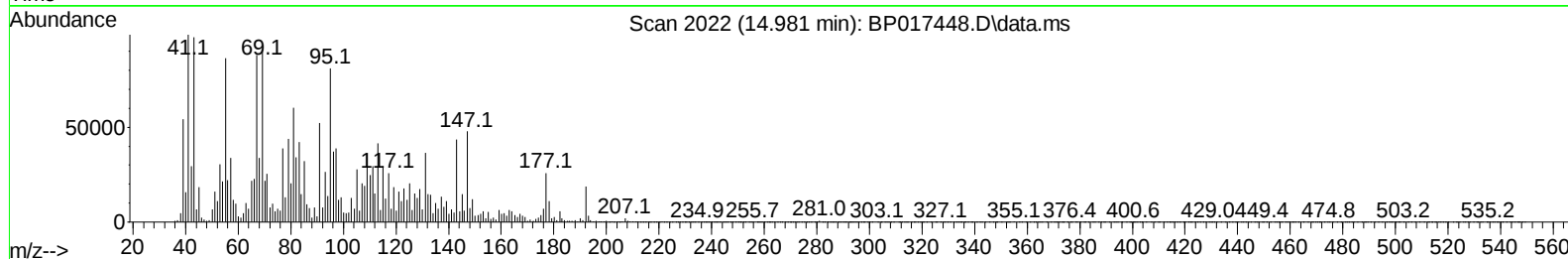
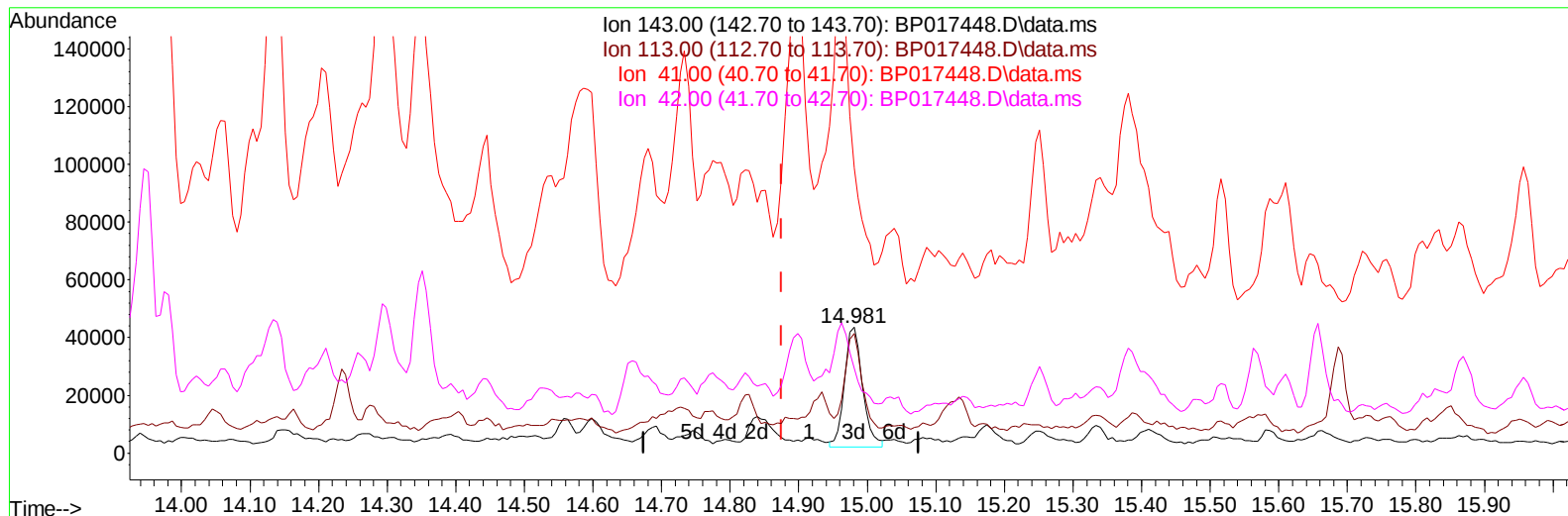
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092923\  
Data File : BP017448.D  
Acq On : 29 Sep 2023 16:11  
Operator : MA/JU  
Sample : 04497-11  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BBJ20

Manual IntegrationsAPPROVED

Quant Time: Sep 30 05:19:41 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Sep 30 04:02:20 2023  
Response via : Initial Calibration

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TIC: BP017448.D\data.ms

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

**14.981min (+ 0.106) 7.75 ng/ul m**

**response 75222**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 74.90  | 94.91#  |
| 41.00  | 36.70  | 226.57# |
| 42.00  | 26.40  | 67.56#  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092923\  
 Data File : BP017448.D  
 Acq On : 29 Sep 2023 16:11  
 Operator : MA/JU  
 Sample : 04497-11  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BBJ20

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2023  
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 30 06:11:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
 Quant Title : SVOA CALIBRATION  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.957  | 152  | 300381   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.804 | 136  | 1215859  | 20.000 | ng/ul  | # 0.02   |
| 38) Acenaphthene-d10          | 14.657 | 164  | 777962   | 20.000 | ng/ul  | 0.01     |
| 64) Phenanthrene-d10          | 17.439 | 188  | 1713425  | 20.000 | ng/ul  | 0.01     |
| 79) Chrysene-d12              | 21.569 | 240  | 1609187  | 20.000 | ng/ul  | 0.01     |
| 88) Perylene-d12              | 24.145 | 264  | 1825079  | 20.000 | ng/ul  | 0.02     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.299  | 96   | 23062    | 3.154  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.740  | 84   | 171940   | 8.410  | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 7.169  | 99   | 188476m  | 7.640  | ng/ul  | 0.06     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.299  | 67   | 466293   | 31.319 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.499  | 132  | 504537   | 25.786 | ng/ul  | 0.03     |
| 15) 4-Methylphenol-d8         | 8.734  | 113  | 349947m  | 18.245 | ng/ul  | 0.06     |
| 21) Nitrobenzene-d5           | 9.175  | 128  | 298581   | 33.969 | ng/ul  | 0.02     |
| 24) 2-Nitrophenol-d4          | 9.887  | 143  | 335133   | 35.114 | ng/ul  | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 10.457 | 165  | 545519   | 30.253 | ng/ul  | 0.05     |
| 31) 4-Chloroaniline-d4        | 10.963 | 131  | 8838     | 0.338  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.081 | 166  | 1873454  | 33.616 | ng/ul  | 0.02     |
| 49) Acenaphthylene-d8         | 14.357 | 160  | 2107927  | 32.886 | ng/ul  | 0.02     |
| 54) 4-Nitrophenol-d4          | 14.981 | 143  | 75222m   | 7.747  | ng/ul  | 0.11     |
| 60) Fluorene-d10              | 15.657 | 176  | 1620440  | 33.774 | ng/ul  | 0.01     |
| 65) 4,6-Dinitro-2-methylph... | 15.810 | 200  | 211629   | 21.914 | ng/ul  | 0.02     |
| 73) Anthracene-d10            | 17.545 | 188  | 2505010  | 32.964 | ng/ul  | 0.02     |
| 81) Pyrene-d10                | 19.792 | 212  | 2988059  | 34.337 | ng/ul  | 0.01     |
| 92) Benzo(a)pyrene-d12        | 23.980 | 264  | 2839898  | 32.319 | ng/ul  | 0.02     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 30) Naphthalene               | 10.863 | 128  | 70190    | 1.109  | ng/ul# | 74       |
| 37) 1-Methylnaphthalene       | 12.687 | 142  | 120737   | 2.858  | ng/ul# | 95       |
| -----                         |        |      |          |        |        |          |

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

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