Quantitation Report (Qedit)

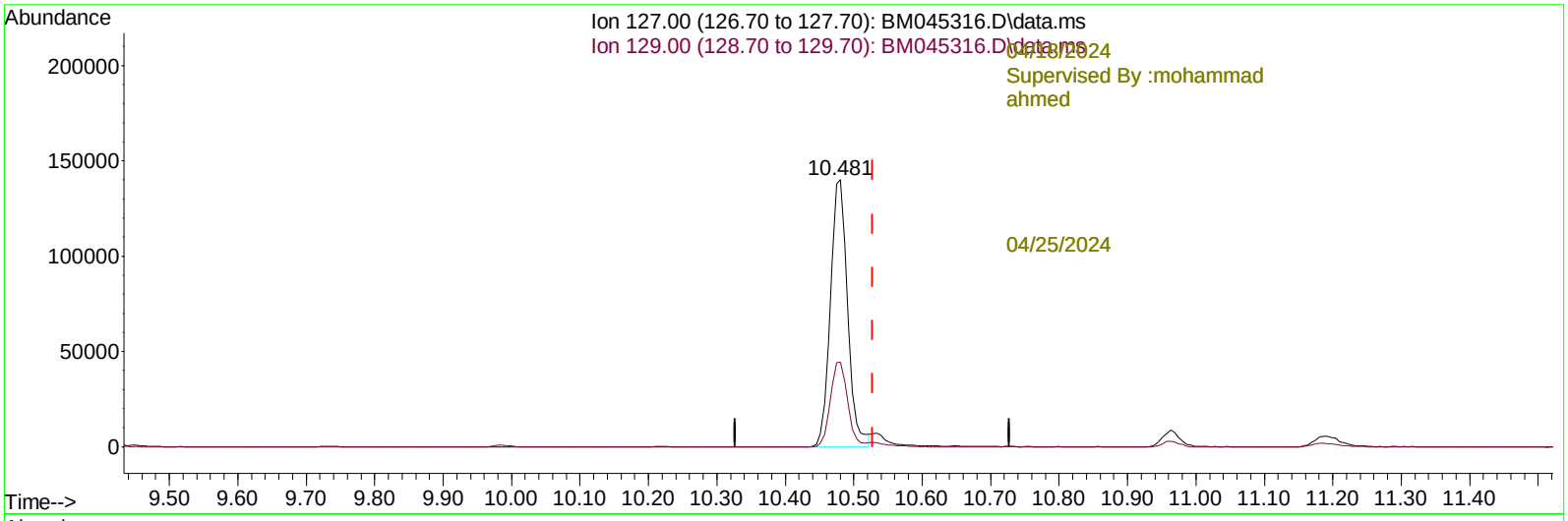
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045316.D
Acq On : 17 Apr 2024 14:36
Operator : MA/JU
Sample : P2051-12DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

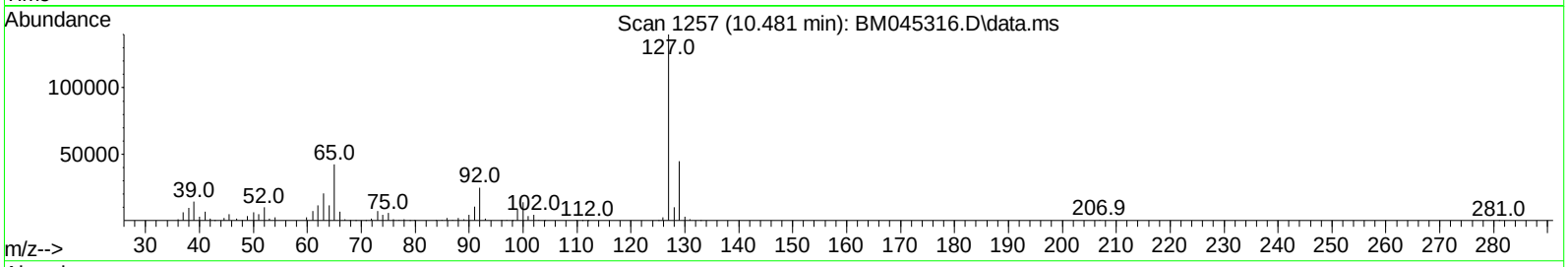
Quant Time: Apr 17 17:04:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 12:42:01 2024
Response via : Initial Calibration

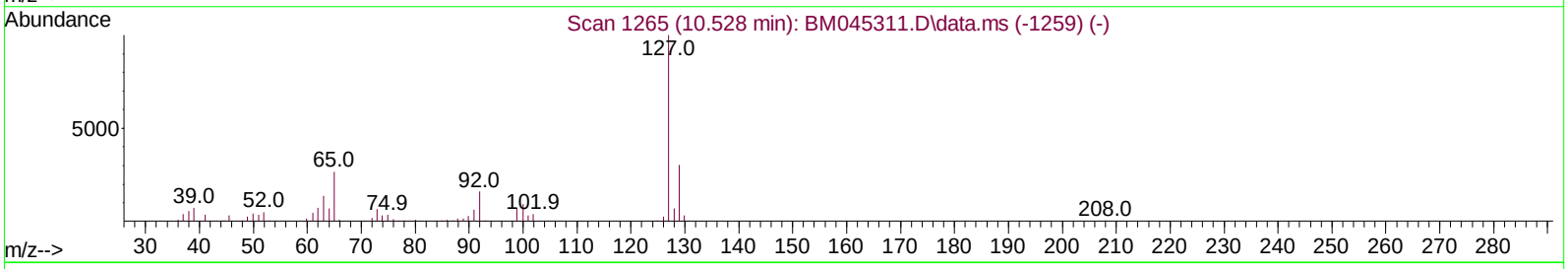
**Instrument :**
BNA_M
**ClientSampleId :**
C0RH9DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel




TIC: BM045316.D\data.ms

**(32) 4-Chloroaniline**

**10.481min (-0.047) 59.95 ng/ul**

**response 243456**

| Ion | Exp% | Act% |
|---|---|---|
| 127.00 | 100.00 | 100.00 |
| 129.00 | 32.70 | 31.79 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045316.D
Acq On : 17 Apr 2024 14:36
Operator : MA/JU
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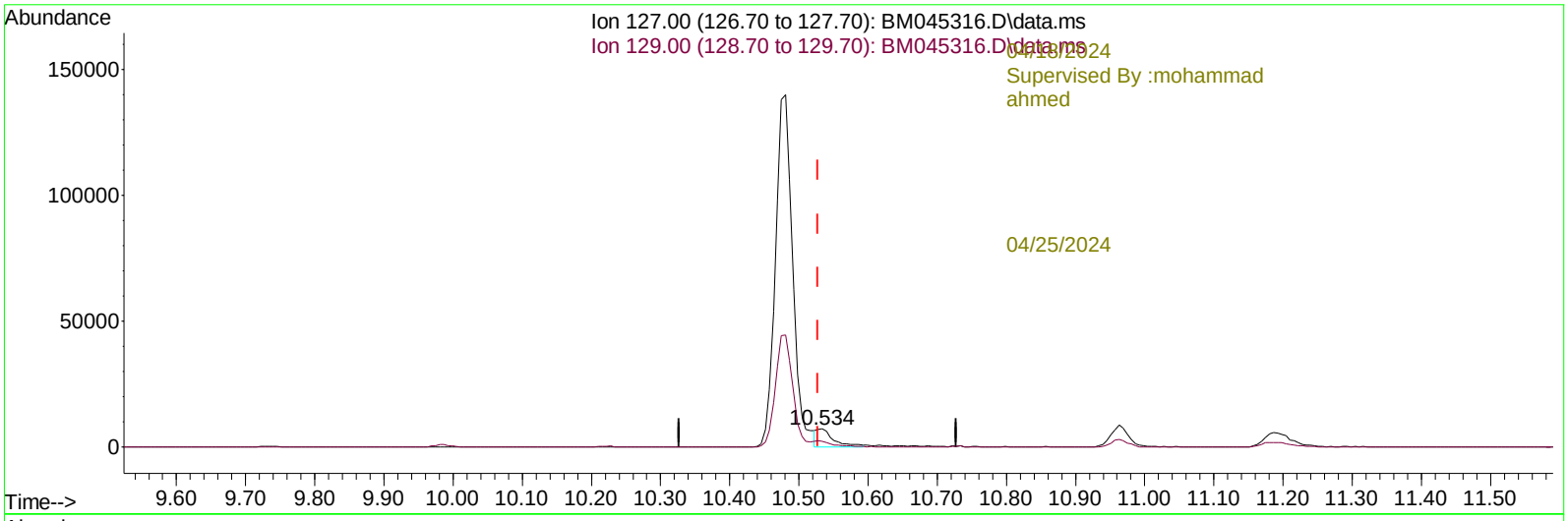
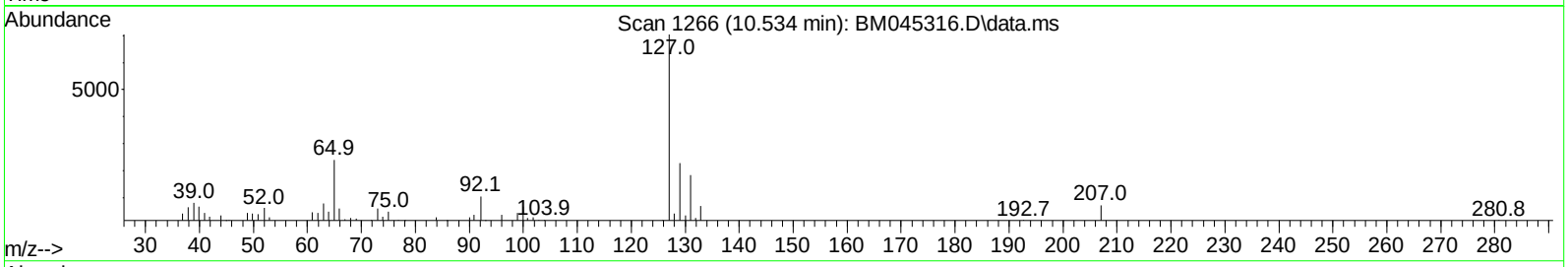
QLast Update : Wed Apr 17 12:42:01 2024
Response via : Initial Calibration

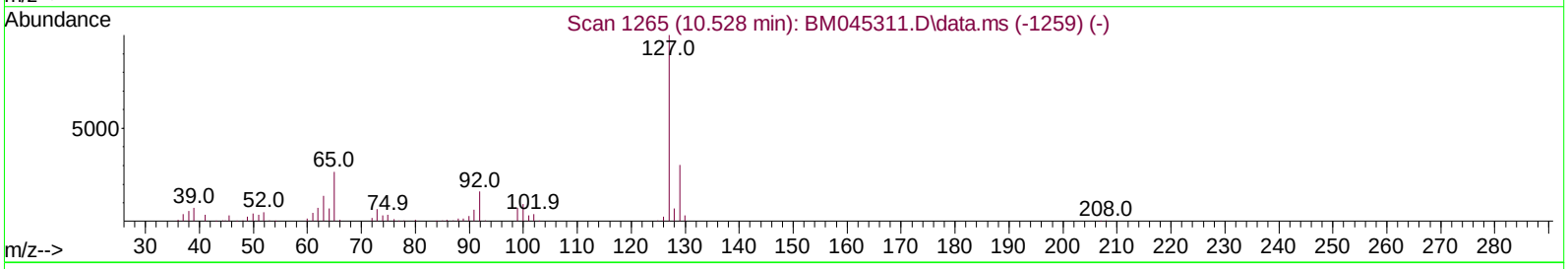
**Instrument :**
BNA_M
**ClientSampleId :**
C0RH9DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel




TIC: BM045316.D\data.ms

**(32) 4-Chloroaniline**

**10.534min (+ 0.006) 2.92 ng/ul m**

**response 11842**

| Ion | Exp% | Act% |
|---|---|---|
| 127.00 | 100.00 | 100.00 |
| 129.00 | 32.70 | 32.33 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045316.D
Acq On : 17 Apr 2024 14:36
Operator : MA/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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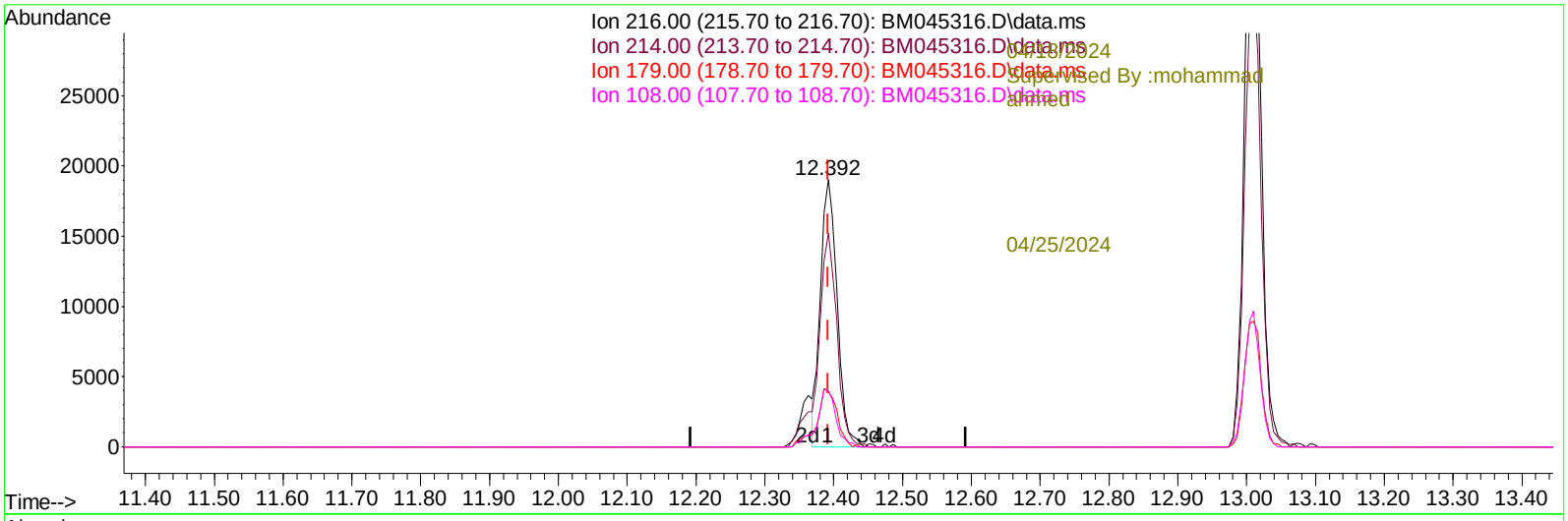
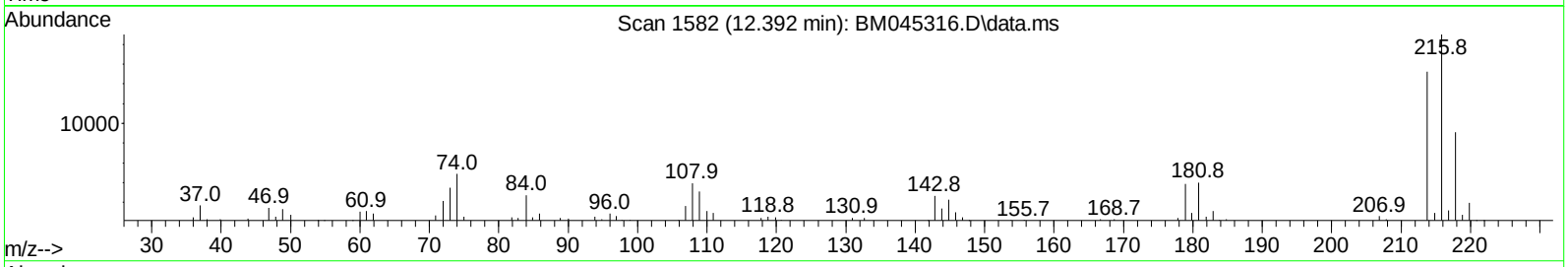
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 12:42:01 2024
Response via : Initial Calibration

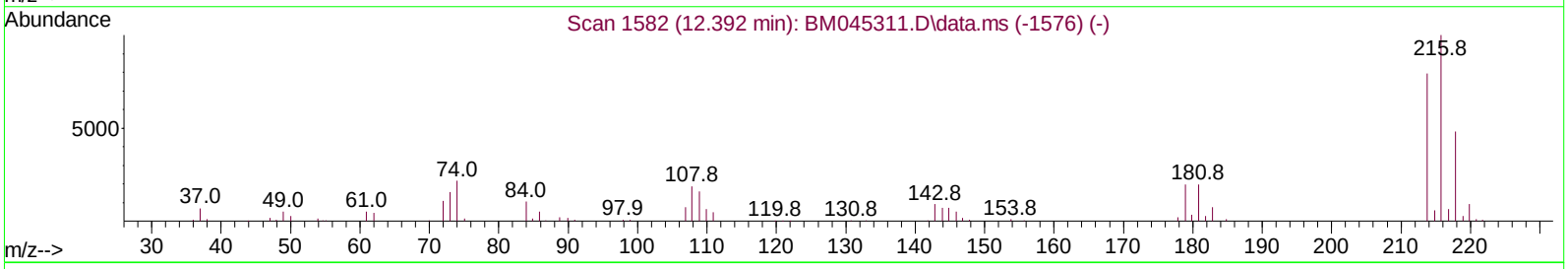
**Instrument :**
BNA_M
**ClientSampleId :**
C0RH9DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel




TIC: BM045316.D\data.ms

**(39) 1,2,4,5-Tetrachlorobenzene**

**12.392min (+ 0.000) 10.95 ng/ul**

**response 32042**

| Ion | Exp% | Act% |
|---|---|---|
| 216.00 | 100.00 | 100.00 |
| 214.00 | 79.40 | 80.03 |
| 179.00 | 20.80 | 20.42 |
| 108.00 | 18.70 | 20.78 |

Quantitation Report (Qedit)

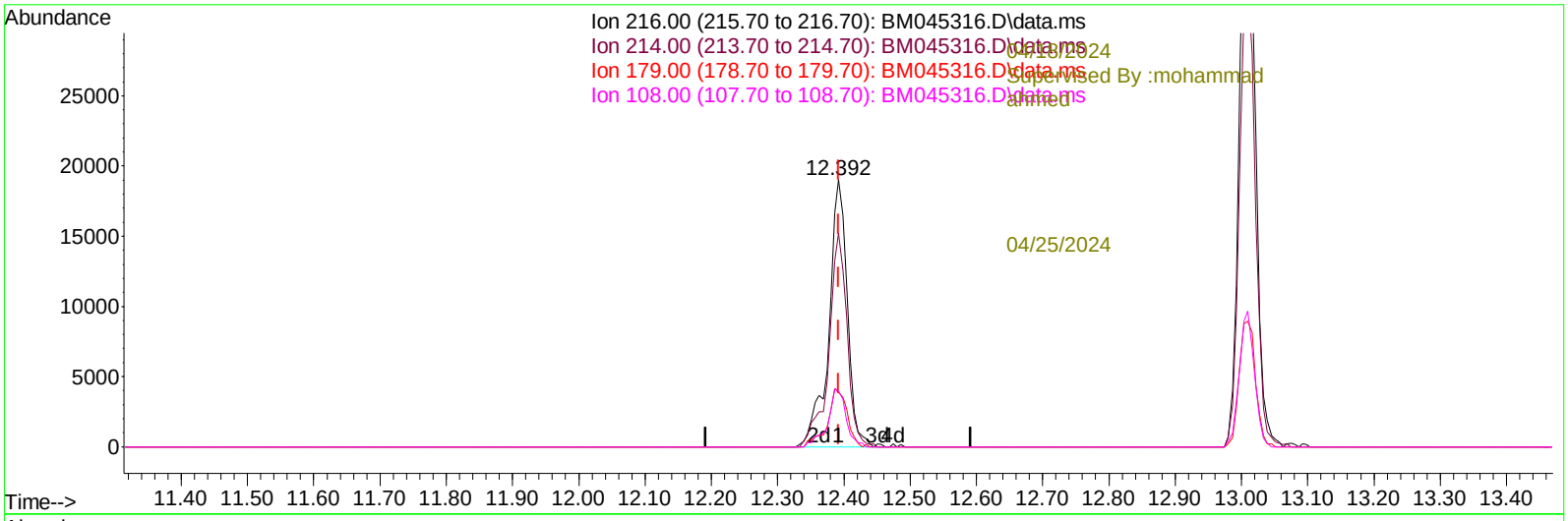
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045316.D
Acq On : 17 Apr 2024 14:36
Operator : MA/JU
Sample : P2051-12DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

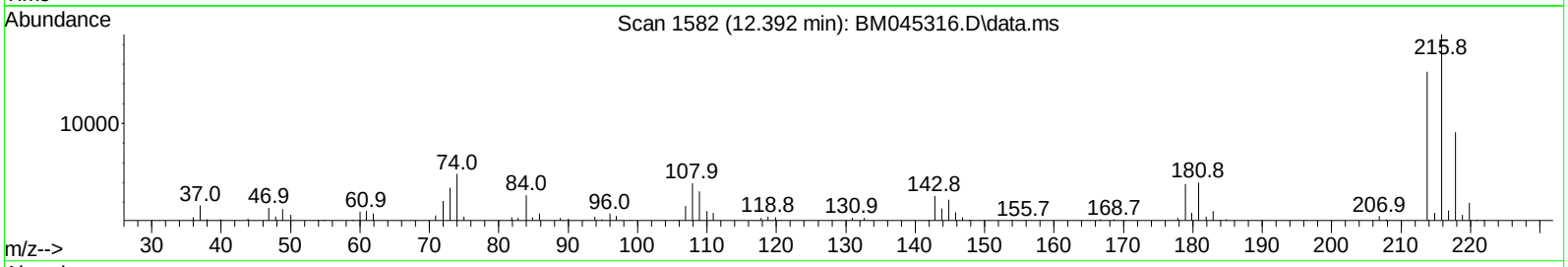
Quant Time: Apr 17 17:04:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 12:42:01 2024
Response via : Initial Calibration

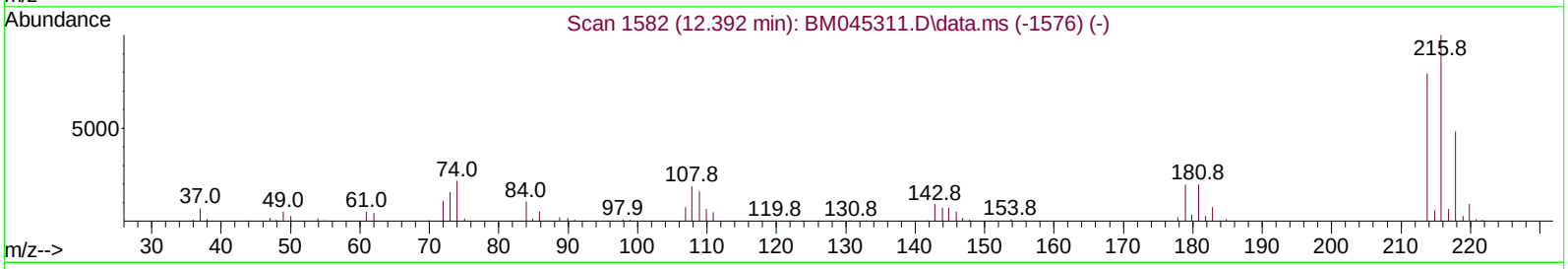
**Instrument :**
BNA_M
**ClientSampleId :**
C0RH9DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel




TIC: BM045316.D\data.ms

**(39) 1,2,4,5-Tetrachlorobenzene**

**12.392min (+ 0.000) 12.65 ng/ul m**

**response 37013**

| Ion | Exp% | Act% |
|---|---|---|
| 216.00 | 100.00 | 100.00 |
| 214.00 | 79.40 | 80.03 |
| 179.00 | 20.80 | 20.42 |
| 108.00 | 18.70 | 20.78 |

Quantitation Report (Qedit)

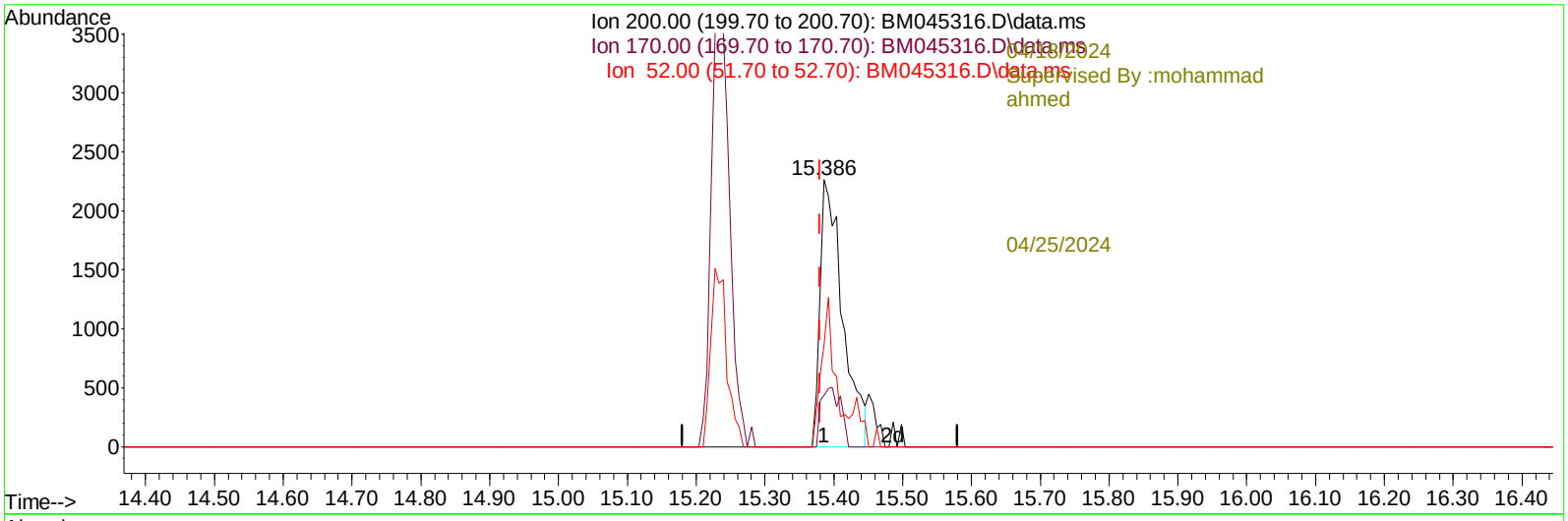
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045316.D
Acq On : 17 Apr 2024 14:36
Operator : MA/JU
Sample : P2051-12DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

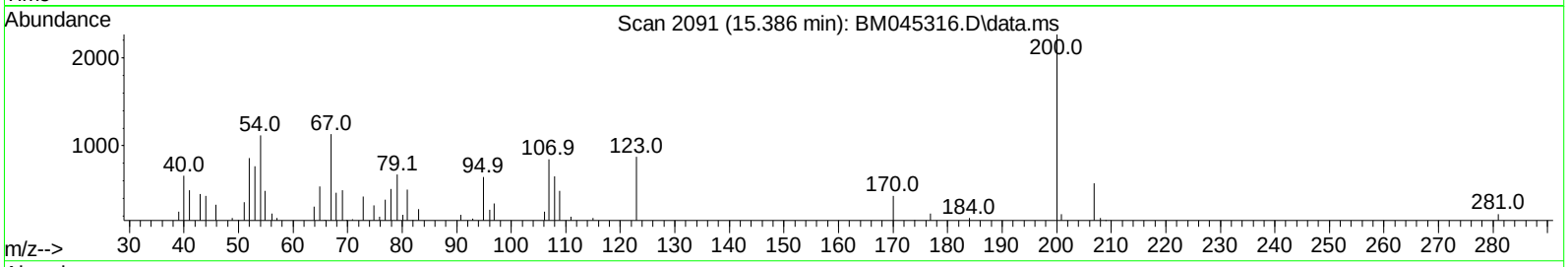
Quant Time: Apr 17 17:04:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 12:42:01 2024
Response via : Initial Calibration

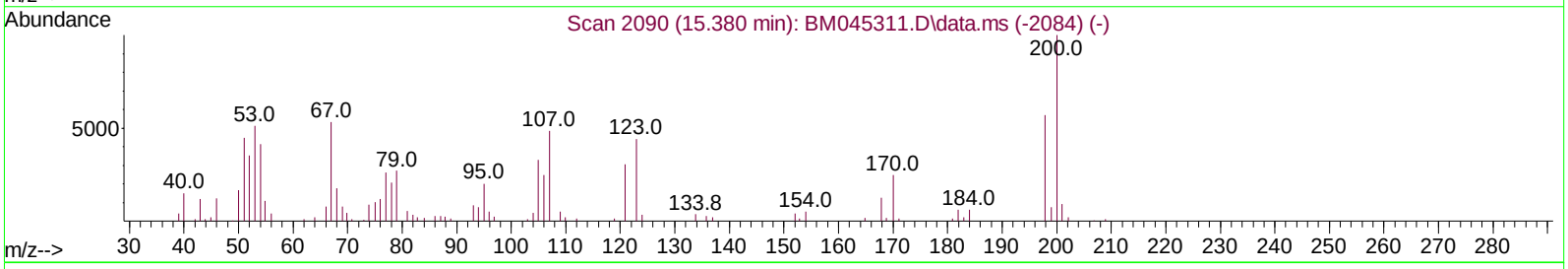
**Instrument :**
BNA_M
**ClientSampleId :**
C0RH9DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel




TIC: BM045316.D\data.ms

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

**15.386min (+ 0.006) 4.00 ng/ul**

**response 5157**

| Ion | Exp% | Act% |
|---|---|---|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 18.30 | 19.18 |
| 52.00 | 40.20 | 38.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

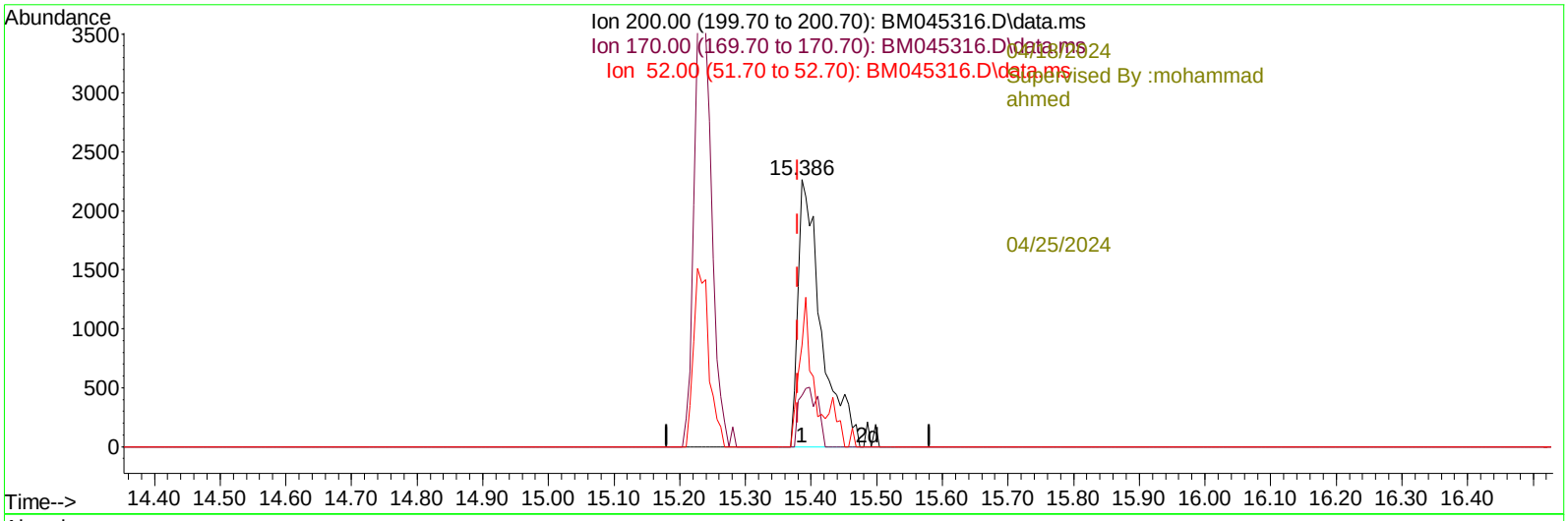
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045316.D
Acq On : 17 Apr 2024 14:36
Operator : MA/JU
Sample : P2051-12DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

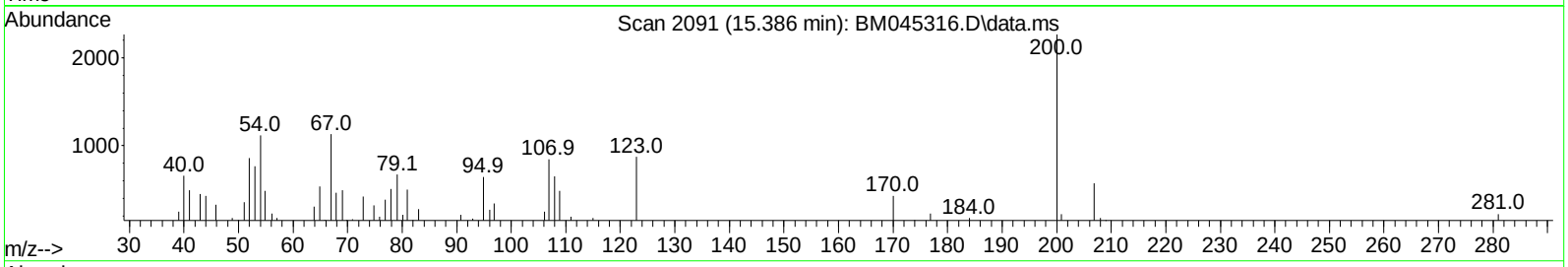
Quant Time: Apr 17 17:04:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 12:42:01 2024
Response via : Initial Calibration

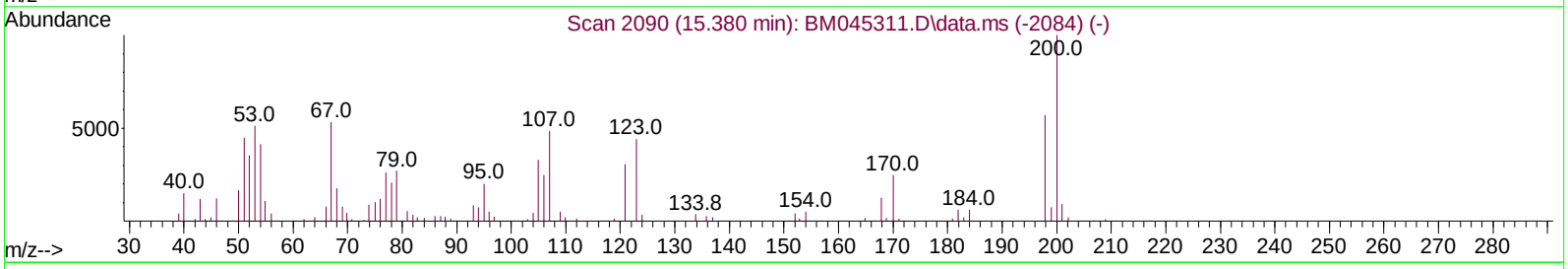
**Instrument :**
BNA_M
**ClientSampleId :**
C0RH9DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel




TIC: BM045316.D\data.ms

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

**15.386min (+ 0.006) 4.42 ng/ul m**

**response 5704**

| Ion | Exp% | Act% |
|---|---|---|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 18.30 | 19.18 |
| 52.00 | 40.20 | 38.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045316.D
Acq On : 17 Apr 2024 14:36
Operator : MA/JU
Sample : P2051-12DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 18 00:00:30 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

**Instrument :**
BNA_M
**ClientSampleId :**
C0RH9DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel
04/18/2024
Supervised By :mohammad ahmed
04/25/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.581 | 152 | 55718 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.351 | 136 | 176346 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.227 | 164 | 107006 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.986 | 188 | 217670 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.203 | 240 | 228874 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.397 | 264 | 298867 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.193 | 96 | 1350 | 0.905 | ng/uL | 0.02 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 6.763 | 99 | 4421 | 0.936 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.940 | 67 | 28214 | 10.026 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.116 | 132 | 17067 | 4.612 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.298 | 113 | 8376 | 2.265 | ng/ul | 0.01 |
| 21) Nitrobenzene-d5 | 8.740 | 128 | 11992 | 8.853 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.451 | 143 | 11276 | 7.887 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.987 | 165 | 18471 | 7.046 | ng/ul | 0.01 |
| 31) 4-Chloroaniline-d4 | 10.504 | 131 | 27866 | 6.677 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.663 | 166 | 67062 | 9.001 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.916 | 160 | 75511 | 8.579 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 0.000 | 143 | 0d | 0.000 | ng/ul | |
| 60) Fluorene-d10 | 15.233 | 176 | 60812 | 9.155 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.386 | 200 | 5704m | 4.420 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.092 | 188 | 91252 | 9.319 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.398 | 212 | 111182 | 9.866 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.256 | 264 | 133959 | 9.188 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 8) Phenol | 6.793 | 94 | 7303 | 1.493 | ng/ul | 93 |
| 22) Nitrobenzene | 8.793 | 77 | 1768437 | 532.126 | ng/ul | 94 |
| 32) 4-Chloroaniline | 10.534 | 127 | 11842m | 2.916 | ng/ul | |
| 39) 1,2,4,5-Tetrachloroben... | 12.392 | 216 | 37013m | 12.648 | ng/ul | |
| 75) 1,2,3,4-Tetrachloroben... | 13.010 | 216 | 71991 | 26.241 | ng/uL | 98 |

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

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**Instrument :**
BNA_M
**ClientSampleId :**
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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel

04/18/2024
Supervised By :mohammad ahmed

04/25/2024