Quantitation Report (Qedit)

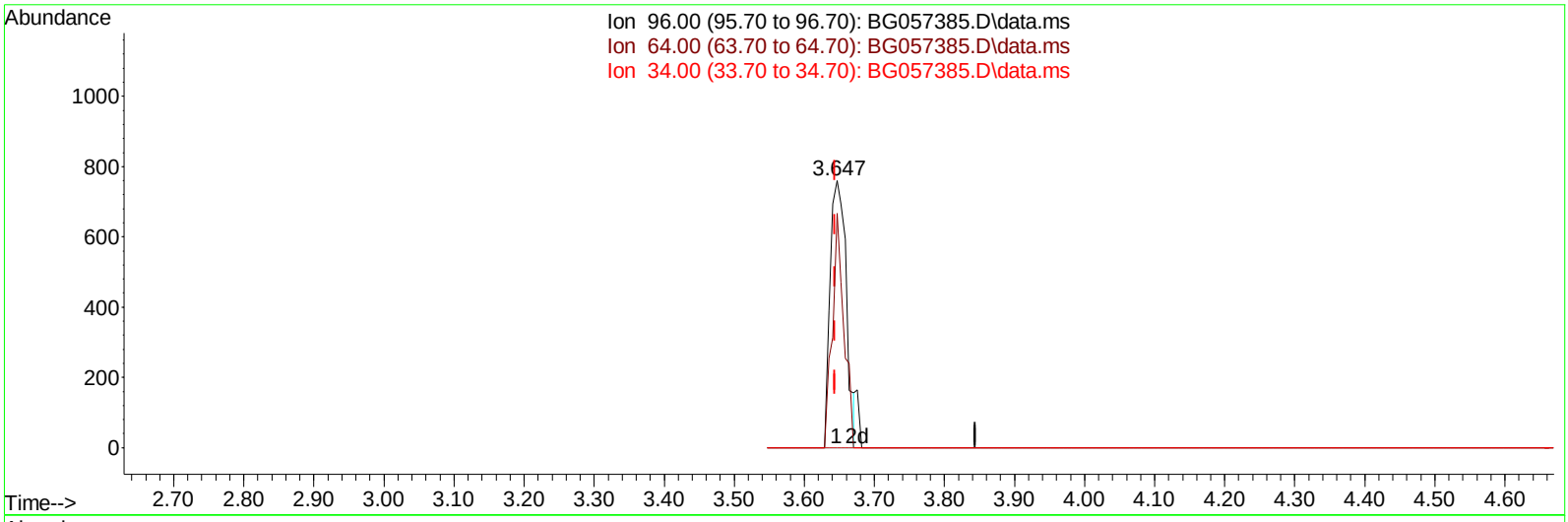
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057385.D
Acq On : 11 May 2023 1:48
Operator : CG/JU
Sample : 02591-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

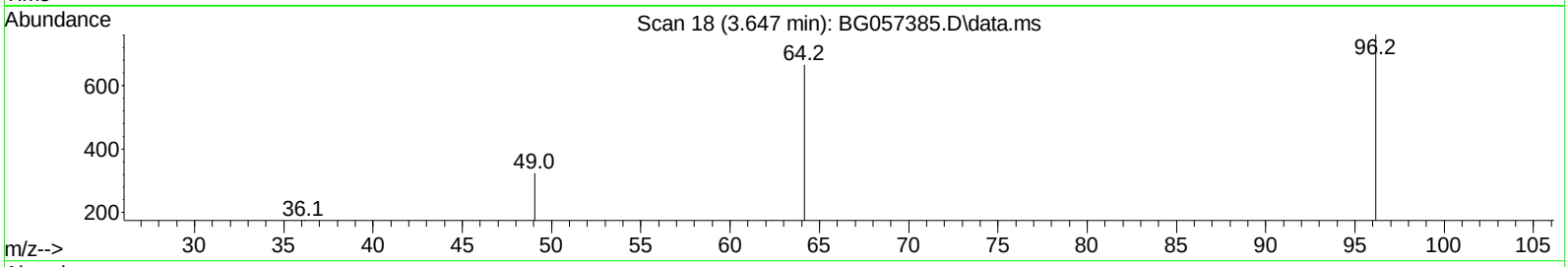
Quant Time: May 11 02:45:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

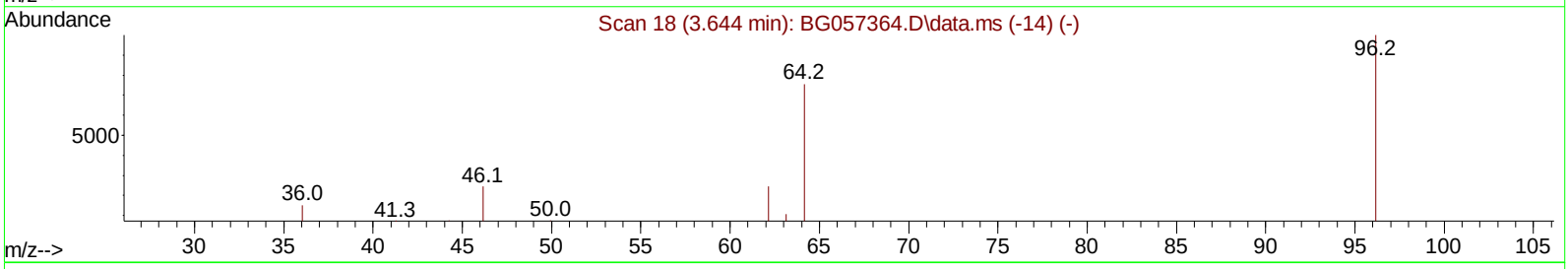
**Instrument :**
BNA_G
**ClientSampleId :**
JREF2

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023




TIC: BG057385.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.647min (+ 0.002) 3.27 ng/uL**

**response 1215**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 70.80 | 87.52# |
| 34.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057385.D
Acq On : 11 May 2023 1:48
Operator : CG/JU
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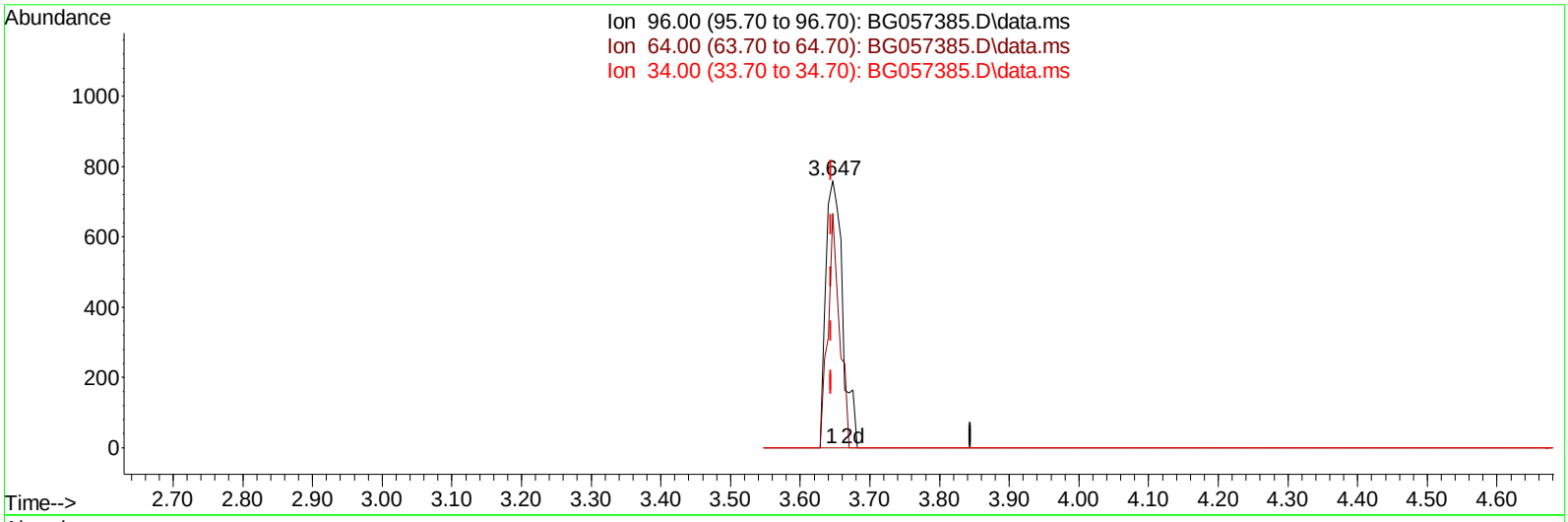
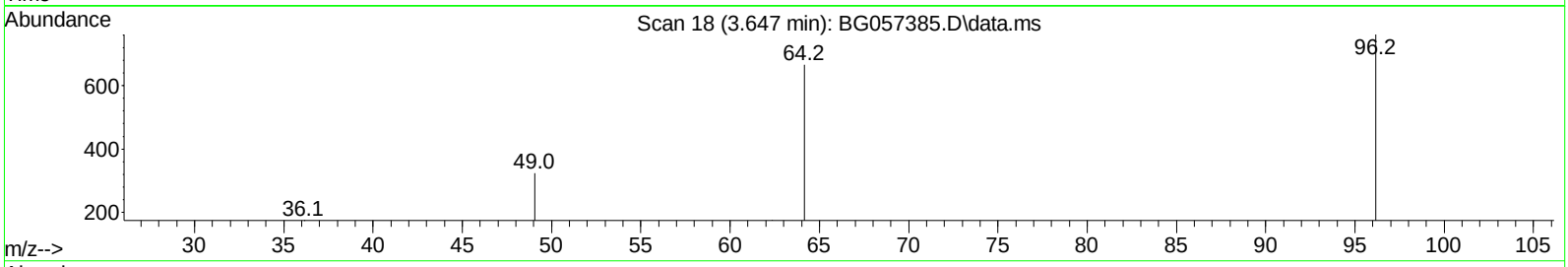
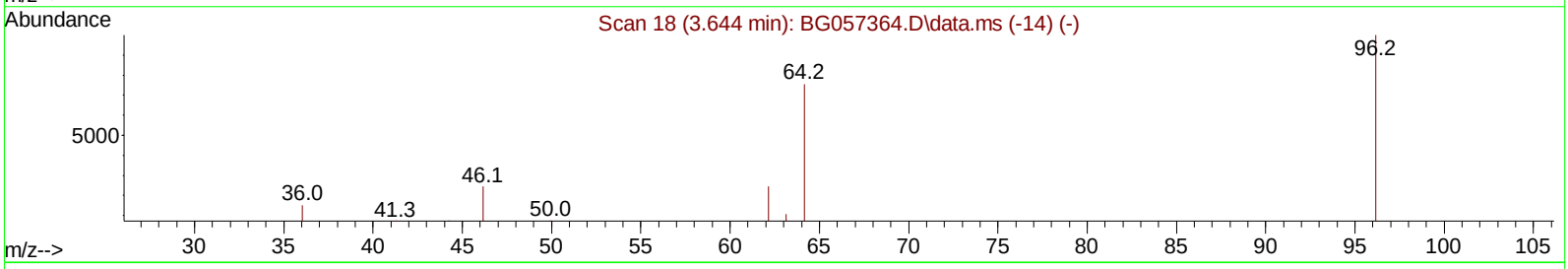
**Instrument :**
BNA_G
**ClientSampleId :**
JREF2

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023




TIC: BG057385.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.647min (+ 0.002) 3.43 ng/uL m**

**response 1273**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 70.80 | 87.52# |
| 34.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057385.D
Acq On : 11 May 2023 1:48
Operator : CG/JU
Sample : 02591-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 11 03:08:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
JREF2

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/11/2023
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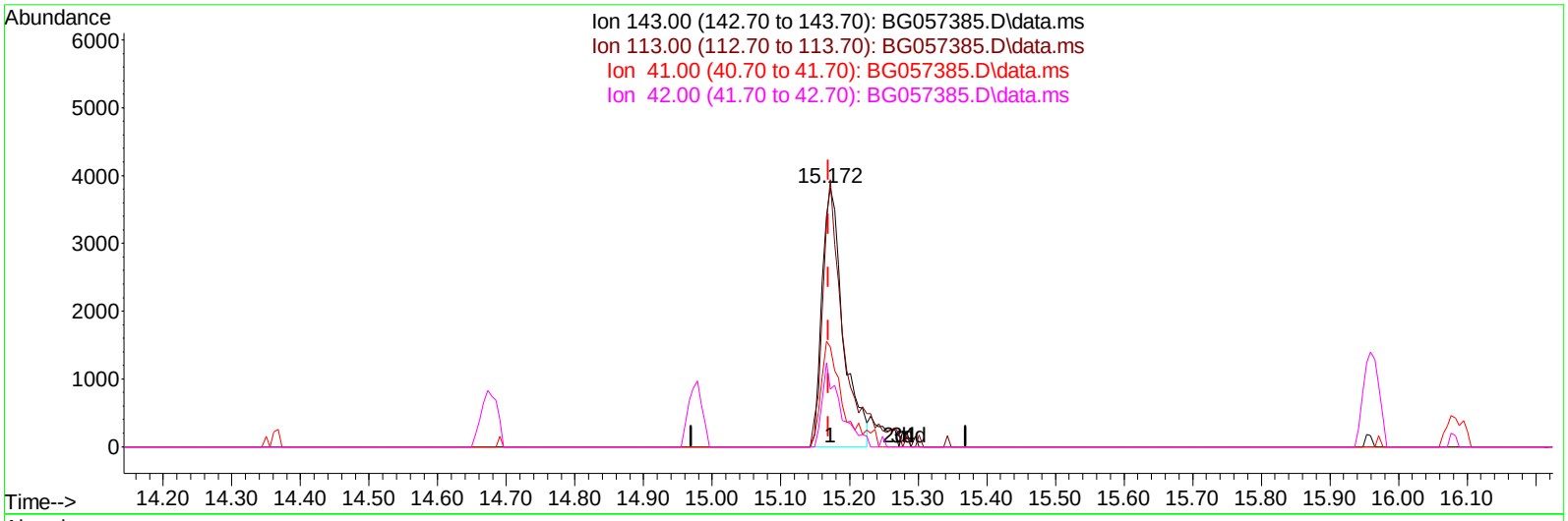
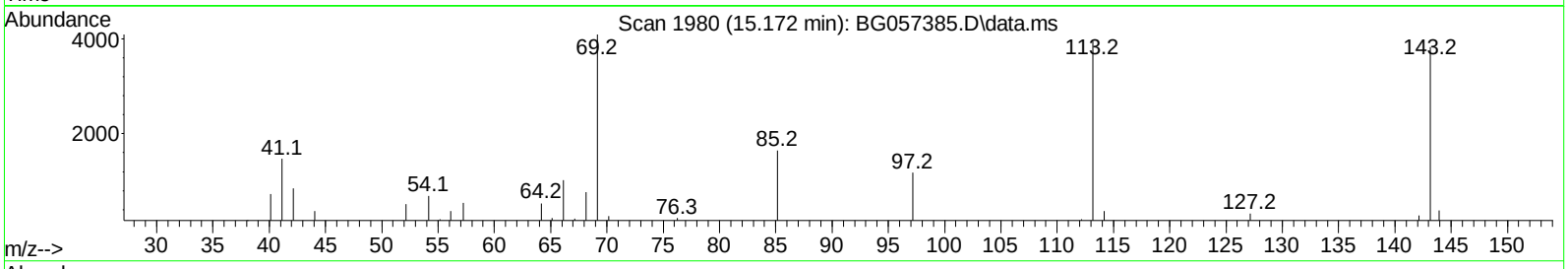
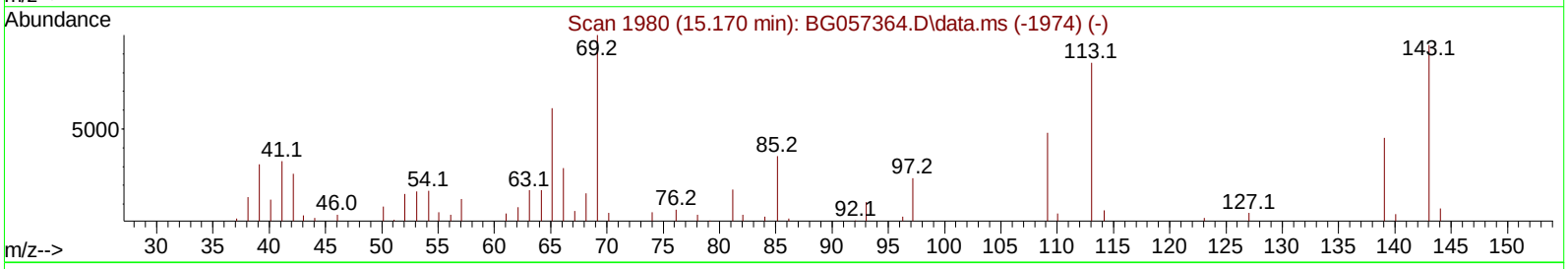



TIC: BG057385.D\data.ms

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

**15.172min (+ 0.002) 12.59 ng/ul**

**response 8158**

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 95.60 | 103.01 |
| 41.00 | 44.40 | 38.49 |
| 42.00 | 28.40 | 22.24# |

Quantitation Report (Qedit)

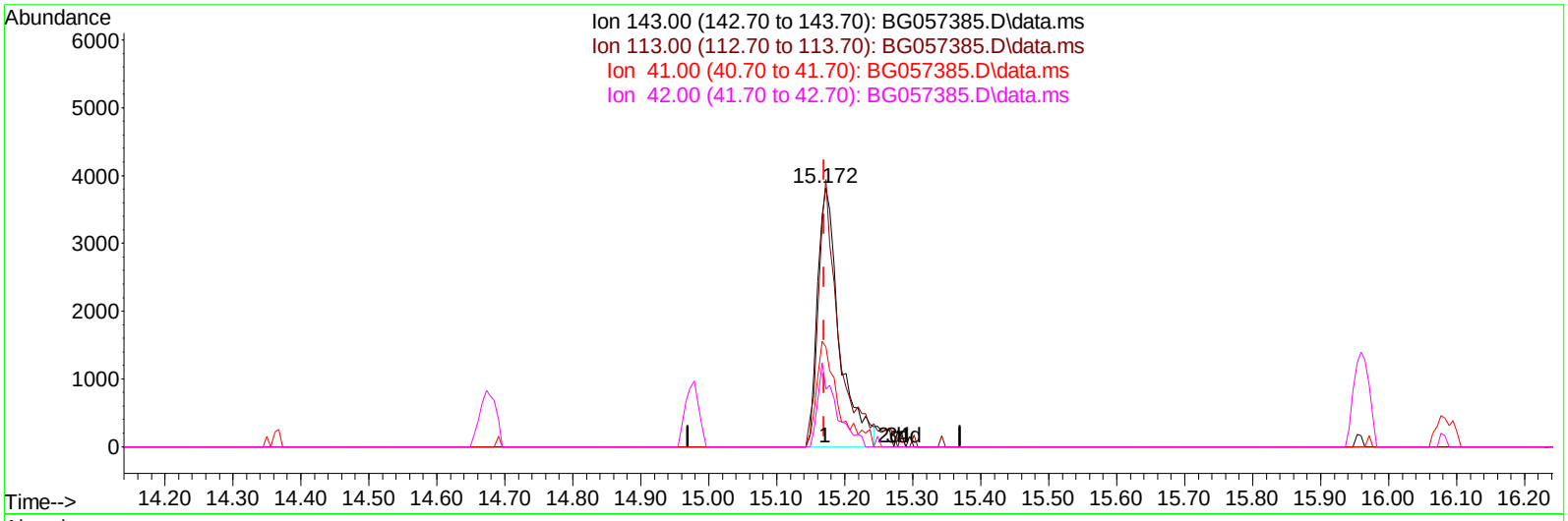
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057385.D
Acq On : 11 May 2023 1:48
Operator : CG/JU
Sample : 02591-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

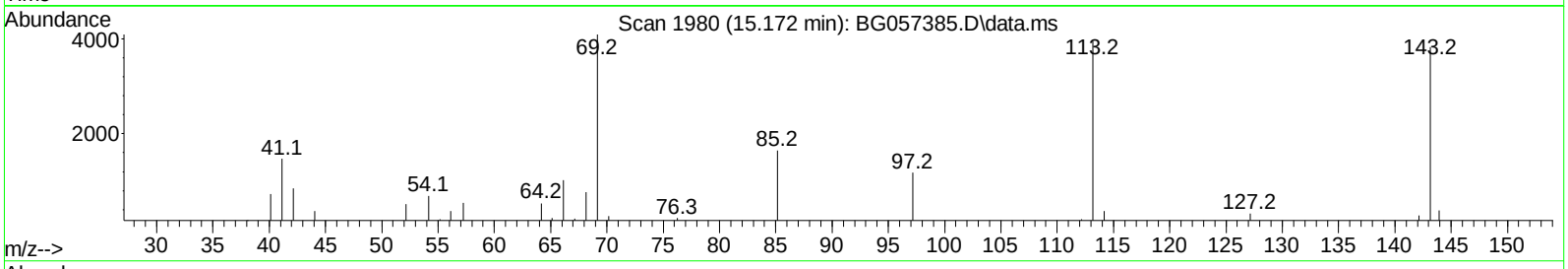
Quant Time: May 11 03:08:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

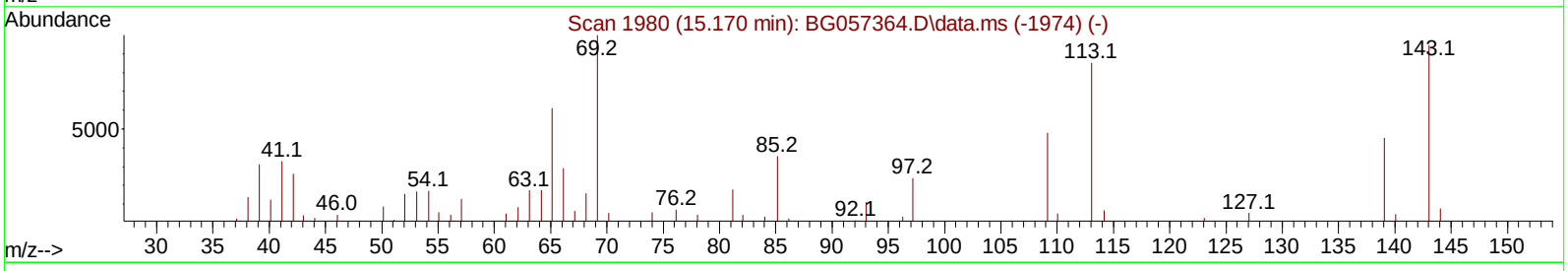
**Instrument :**
BNA_G
**ClientSampleId :**
JREF2

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023




TIC: BG057385.D\data.ms

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

**15.172min (+ 0.002) 13.18 ng/ul m**

**response 8537**

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 95.60 | 103.01 |
| 41.00 | 44.40 | 38.49 |
| 42.00 | 28.40 | 22.24# |

Quantitation Report (Qedit)

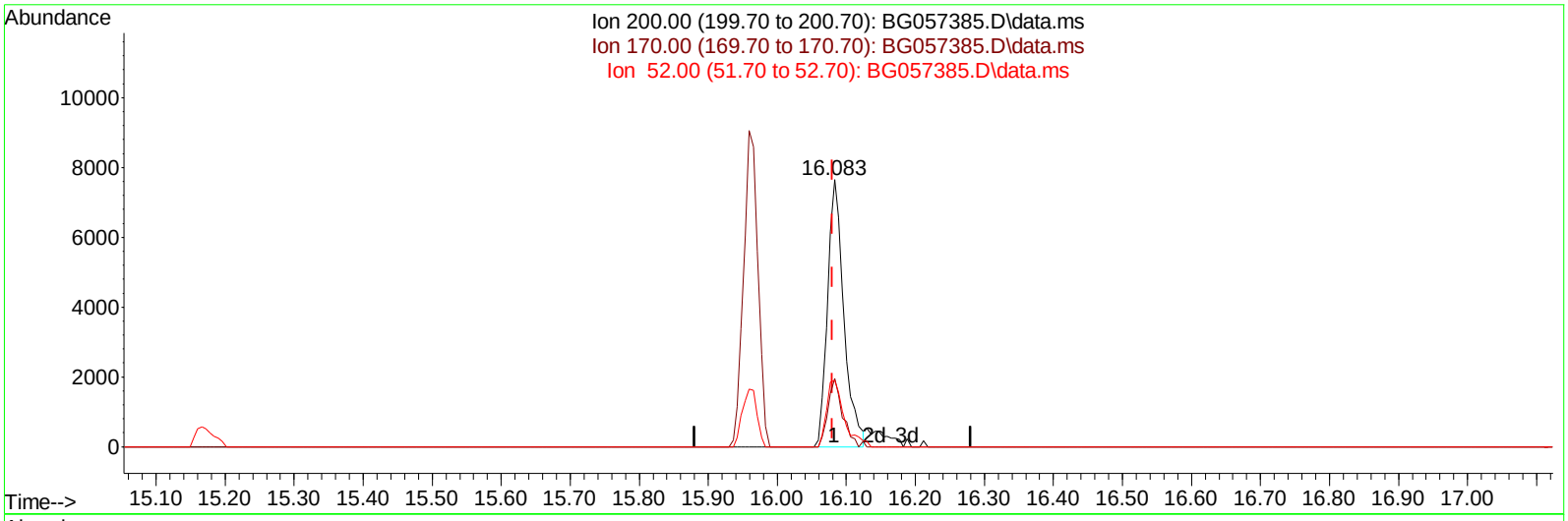
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057385.D
Acq On : 11 May 2023 1:48
Operator : CG/JU
Sample : 02591-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

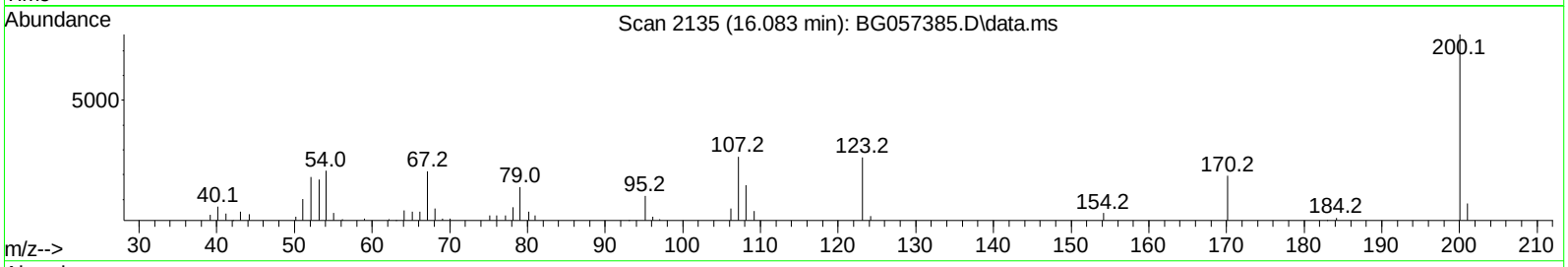
Quant Time: May 11 03:08:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

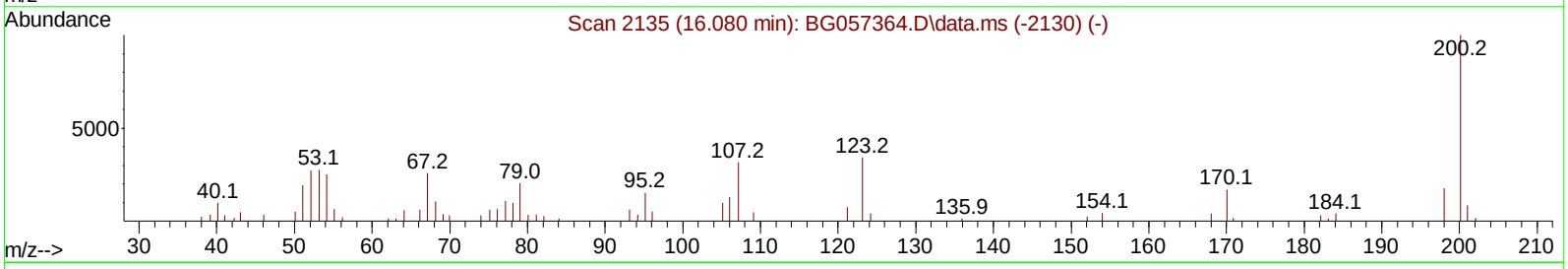
**Instrument :**
BNA_G
**ClientSampleId :**
JREF2

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023




TIC: BG057385.D\data.ms

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

**16.083min (+ 0.003) 15.74 ng/ul**

**response 12626**

| Ion | Exp% | Act% |
|---|---|---|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.80 | 25.60 |
| 52.00 | 34.60 | 24.86# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

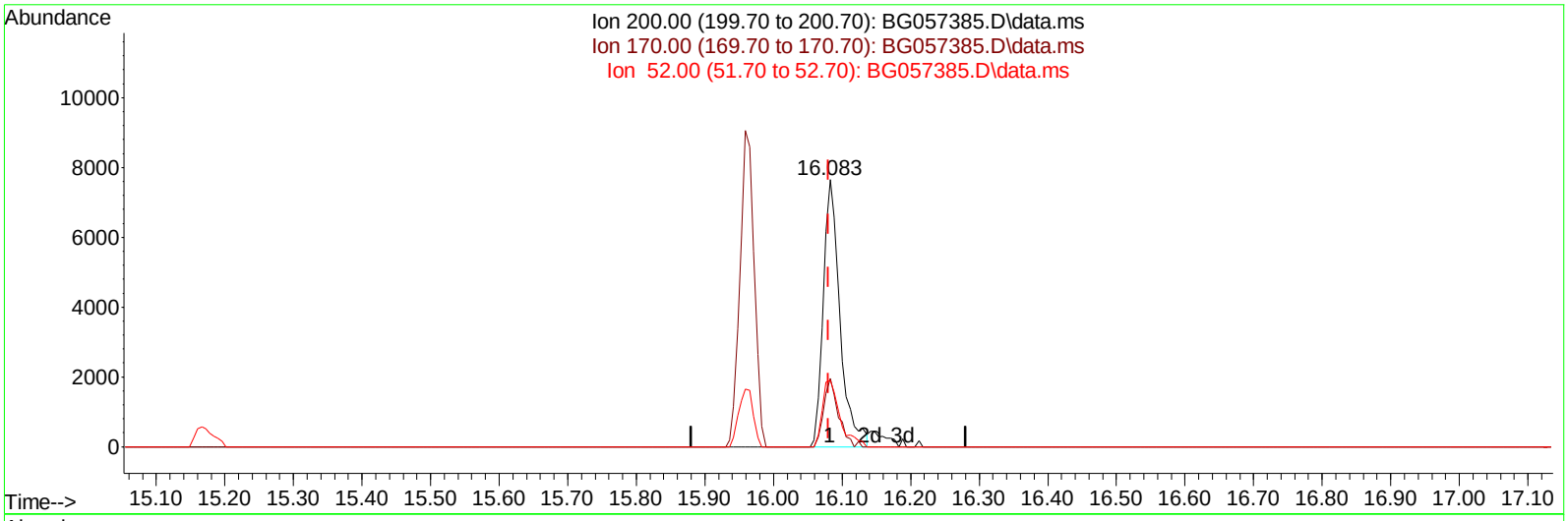
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057385.D
Acq On : 11 May 2023 1:48
Operator : CG/JU
Sample : 02591-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

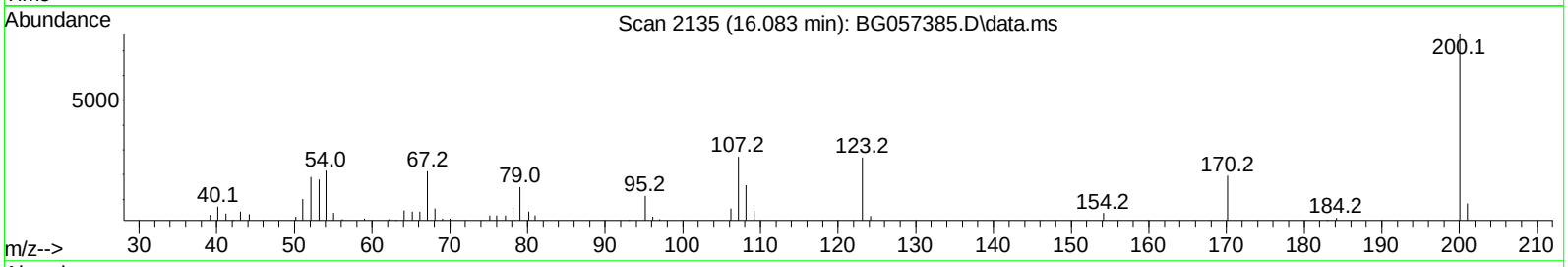
Quant Time: May 11 03:08:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

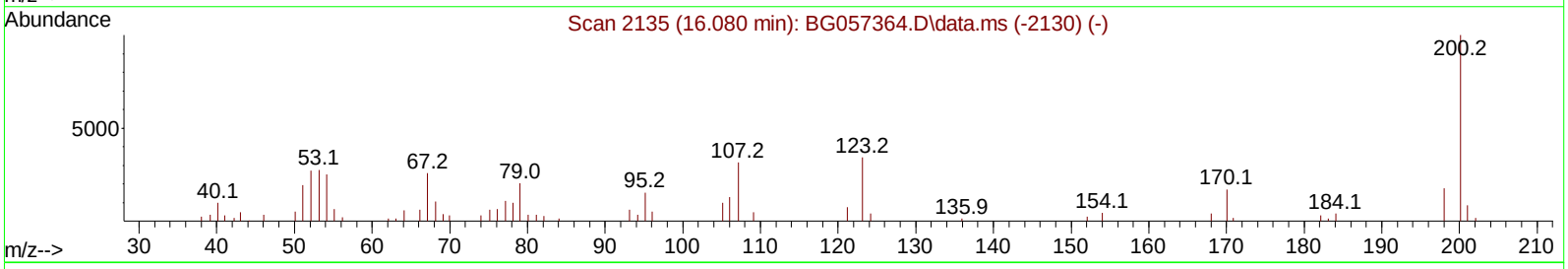
**Instrument :**
BNA_G
**ClientSampleId :**
JREF2

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023




TIC: BG057385.D\data.ms

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

**16.083min (+ 0.003) 16.13 ng/ul m**

**response 12937**

| Ion | Exp% | Act% |
|---|---|---|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.80 | 25.60 |
| 52.00 | 34.60 | 24.86# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057385.D
Acq On : 11 May 2023 1:48
Operator : CG/JU
Sample : 02591-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 11 03:08:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
JREF2

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/11/2023
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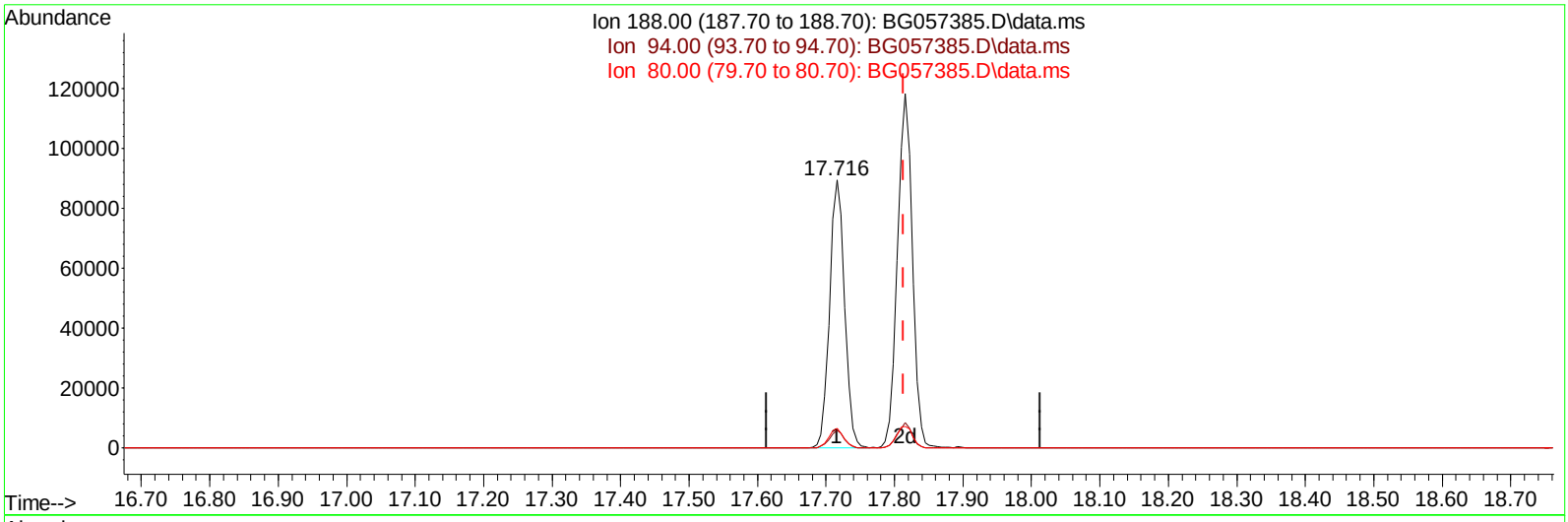


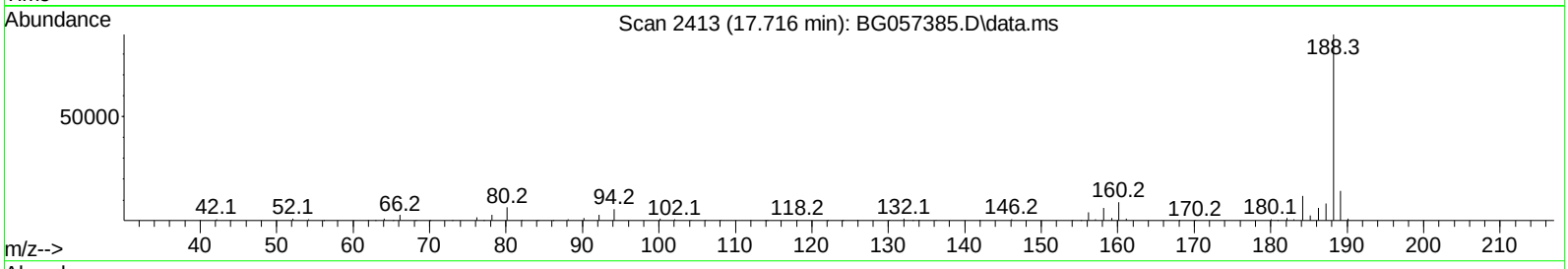


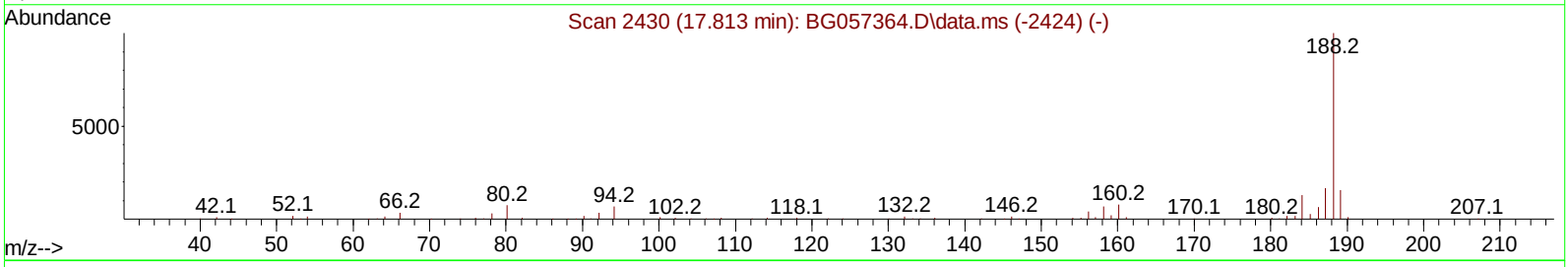


TIC: BG057385.D\data.ms

**(73) Anthracene-d10 (S)**

**17.716min (-0.097) 21.91 ng/ul**

**response 135352**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 7.90 | 6.44 |
| 80.00 | 7.70 | 7.19 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057385.D
Acq On : 11 May 2023 1:48
Operator : CG/JU
Sample : 02591-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 11 03:08:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
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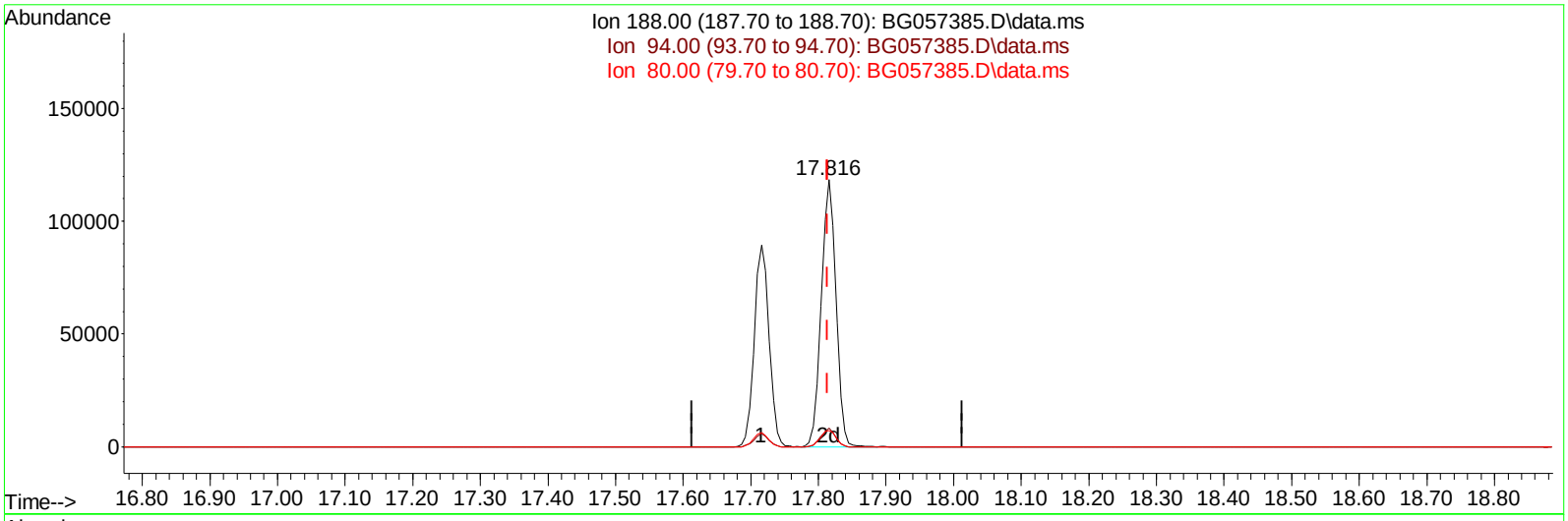
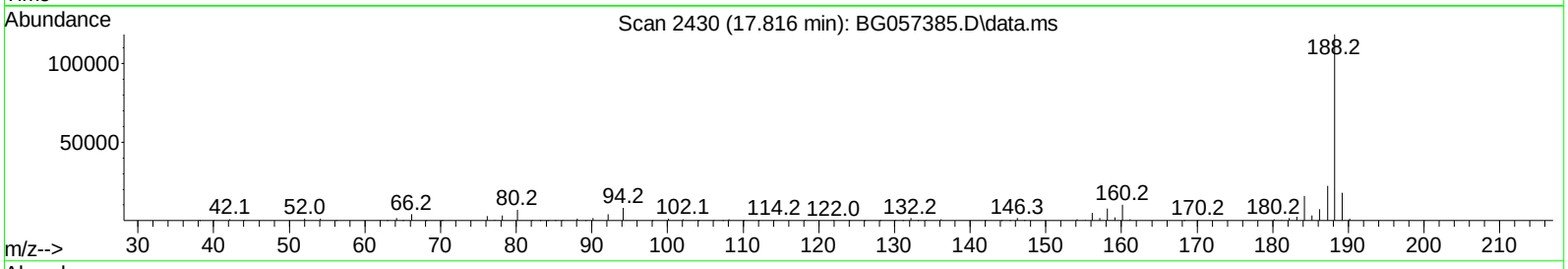
Response via : Initial Calibration

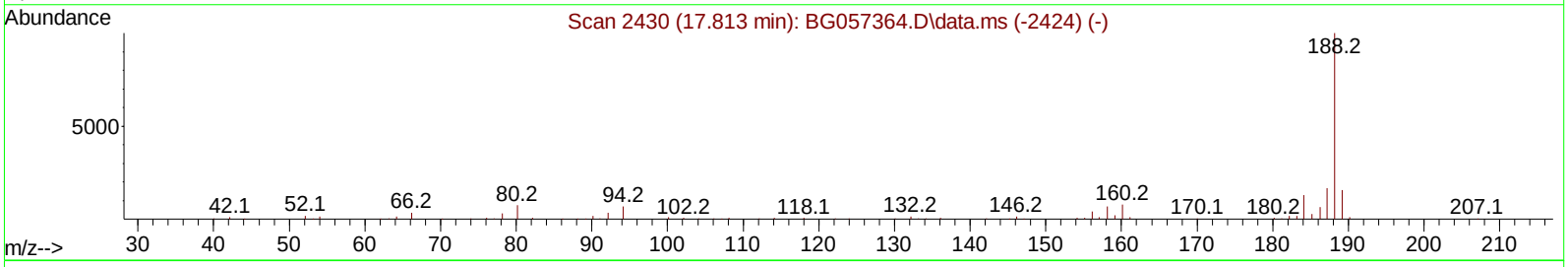
**Instrument :**
BNA_G
**ClientSampleId :**
JREF2

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023




TIC: BG057385.D\data.ms

**(73) Anthracene-d10 (S)**

**17.816min (+ 0.002) 28.90 ng/ul m**

**response 178520**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 7.90 | 7.01 |
| 80.00 | 7.70 | 6.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057385.D
Acq On : 11 May 2023 1:48
Operator : CG/JU
Sample : 02591-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 11 03:09:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
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**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/11/2023
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.364 | 152 | 16344 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.201 | 136 | 69597 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.978 | 164 | 56176 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.716 | 188 | 135352 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 22.028 | 240 | 124576 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.529 | 264 | 131149 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.647 | 96 | 1273m | 3.427 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 7.506 | 99 | 32375 | 20.946 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.671 | 67 | 19356 | 21.291 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.894 | 132 | 24382 | 23.937 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 9.063 | 113 | 24430 | 20.796 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.544 | 128 | 13348 | 24.083 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.273 | 143 | 16681 | 25.789 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.819 | 165 | 32675 | 26.183 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.330 | 131 | 6927 | 4.188 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.362 | 166 | 114153 | 25.645 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.679 | 160 | 136815 | 27.347 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.172 | 143 | 8537m | 13.176 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.959 | 176 | 112580 | 27.150 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 16.083 | 200 | 12937m | 16.132 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.816 | 188 | 178520m | 28.895 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 20.083 | 212 | 213788 | 28.912 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.288 | 264 | 176133 | 26.361 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
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