Quantitation Report (Qedit)

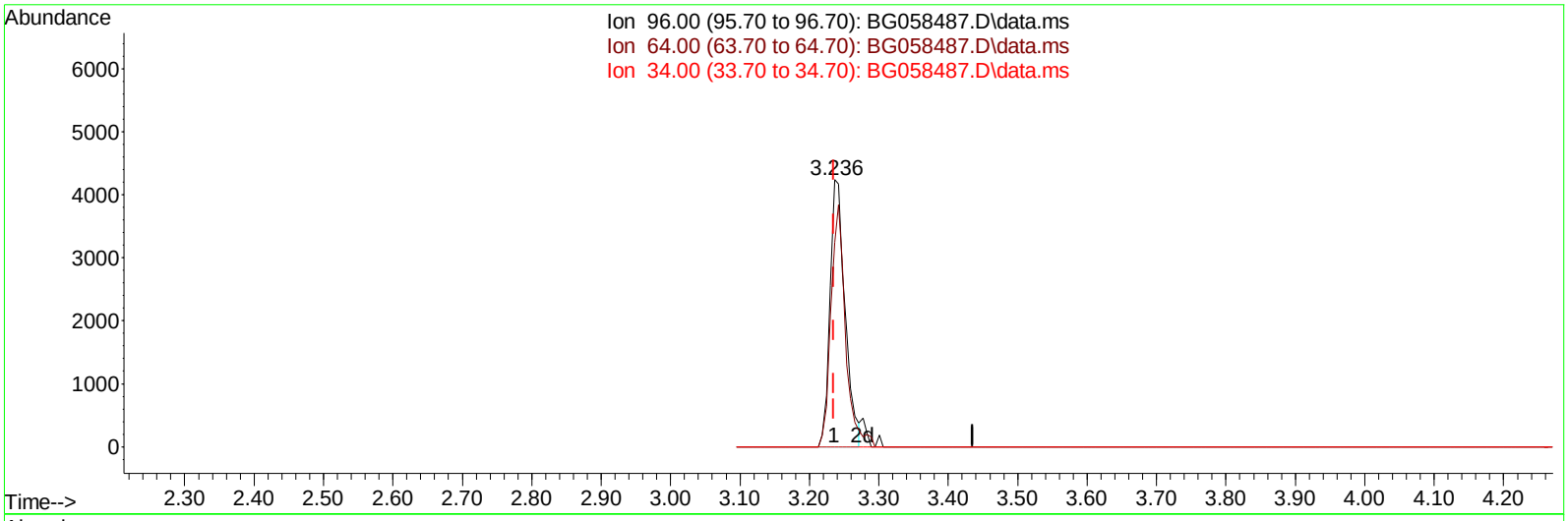
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072623\
Data File : BG058487.D
Acq On : 26 Jul 2023 20:37
Operator : MA/JU
Sample : 03553-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

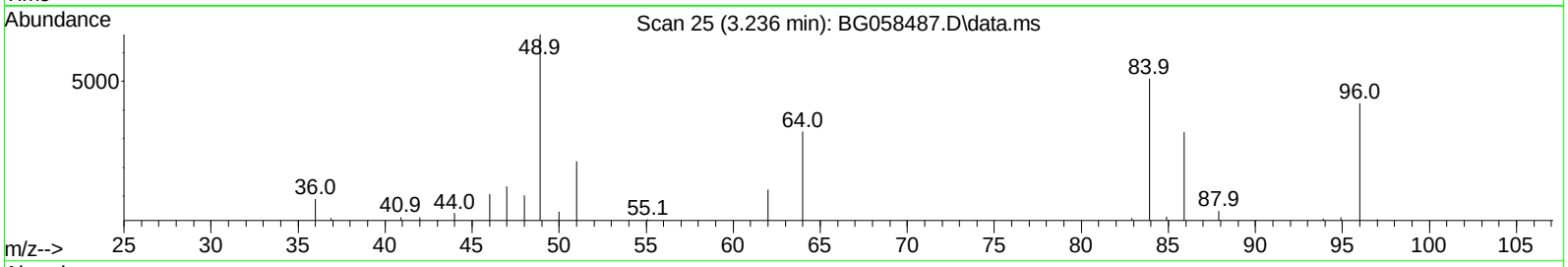
Quant Time: Jul 27 02:17:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 26 17:43:09 2023
Response via : Initial Calibration

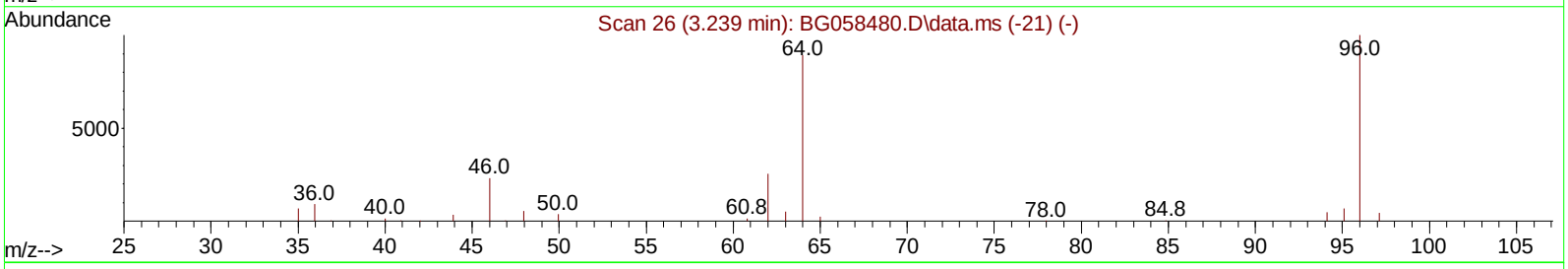
**Instrument :**
BNA_G
**ClientSampleId :**
A46Y6

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023




TIC: BG058487.D\data.ms

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

**3.236min (+ 0.001) 4.78 ng/uL**

**response 6486**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 91.80 | 76.46 |
| 34.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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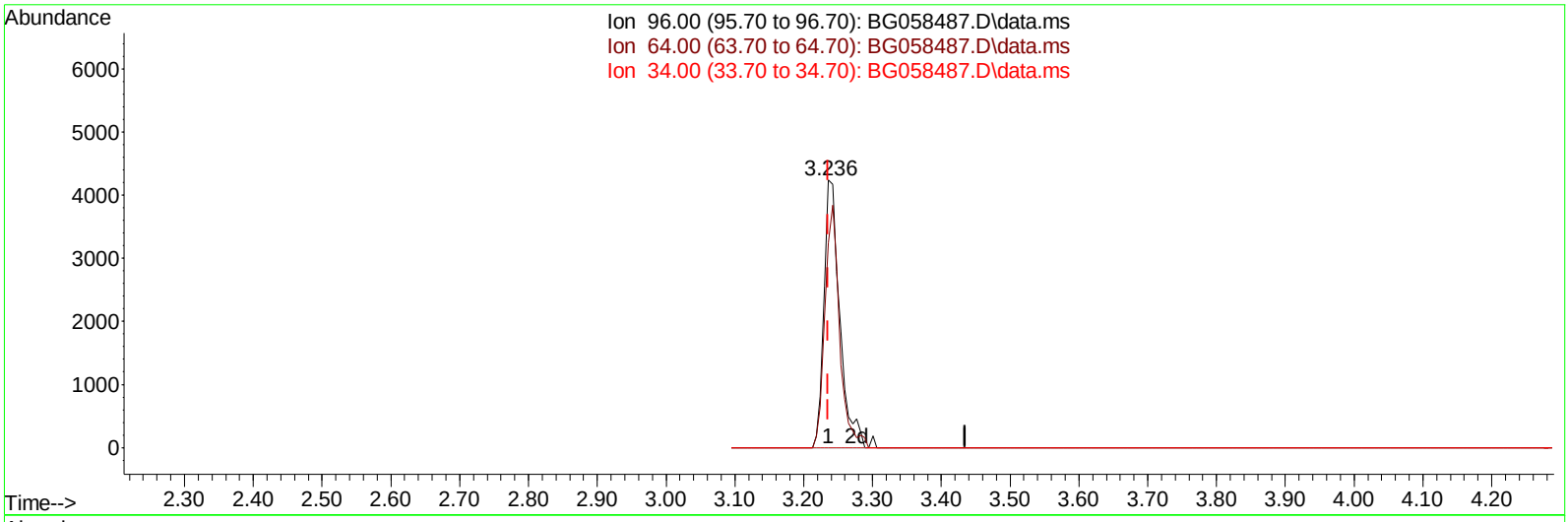


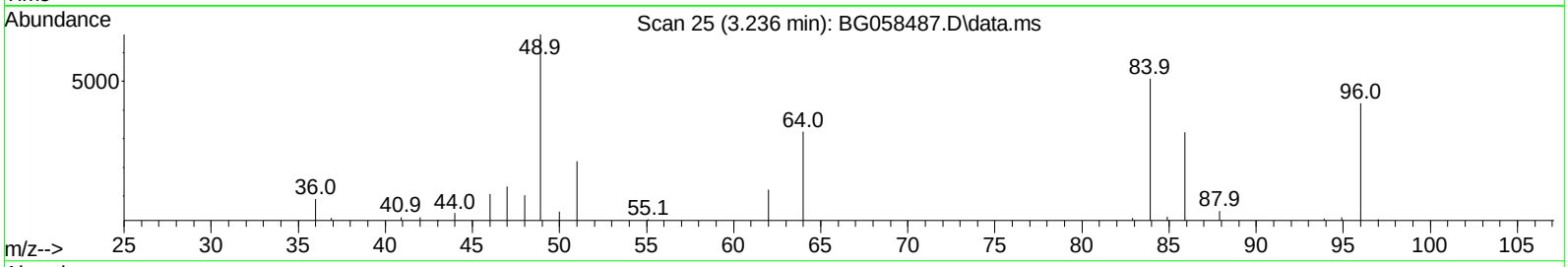


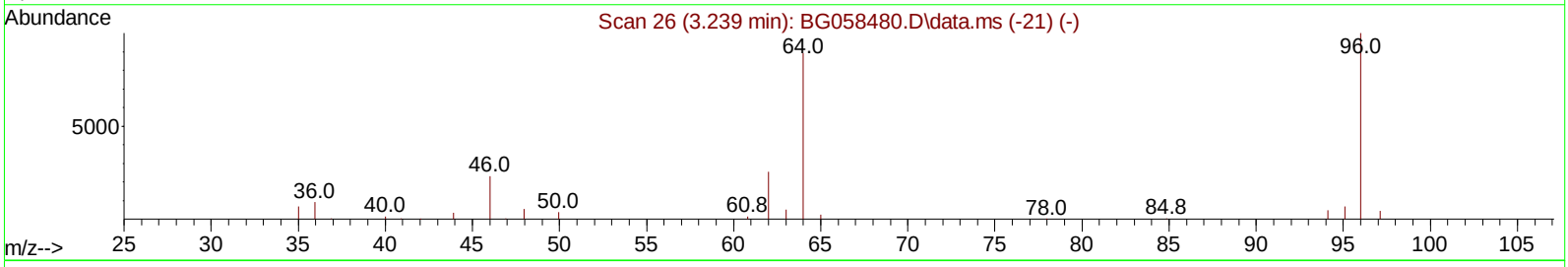


TIC: BG058487.D\data.ms

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

**3.236min (+ 0.001) 4.95 ng/uL m**

**response 6725**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 91.80 | 76.46 |
| 34.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 26 17:43:09 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
A46Y6

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/28/2023
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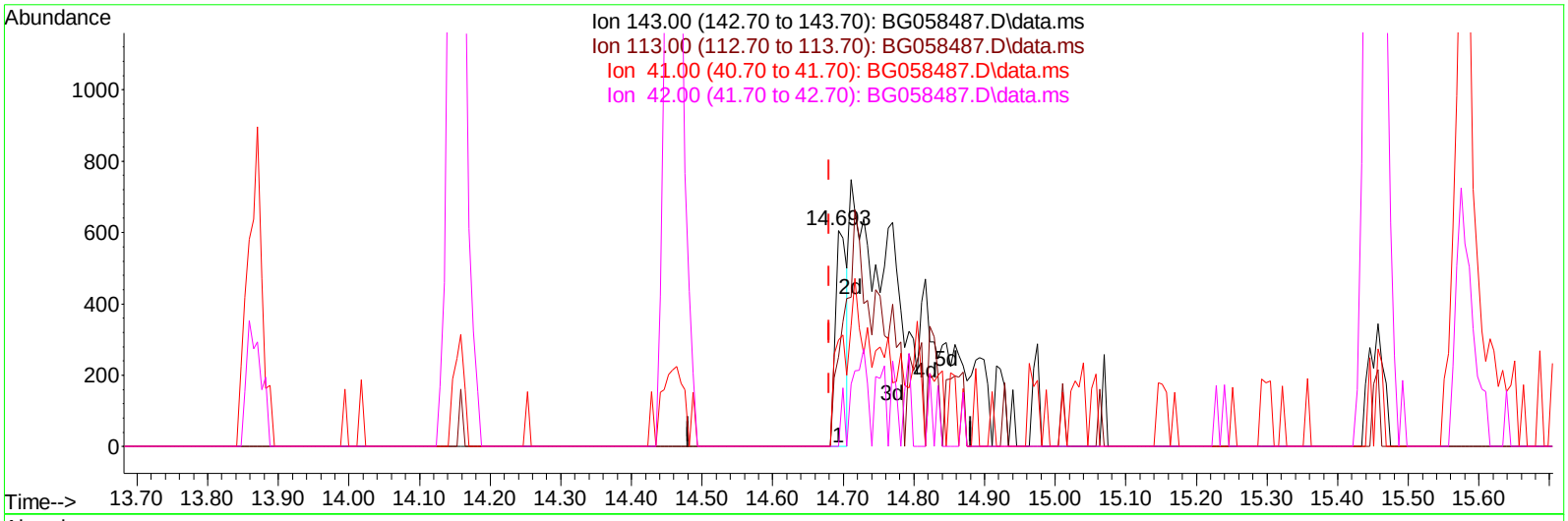


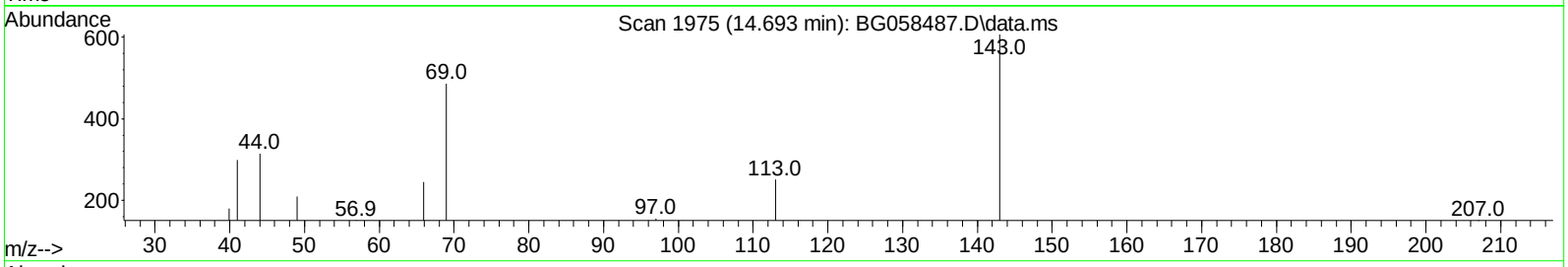


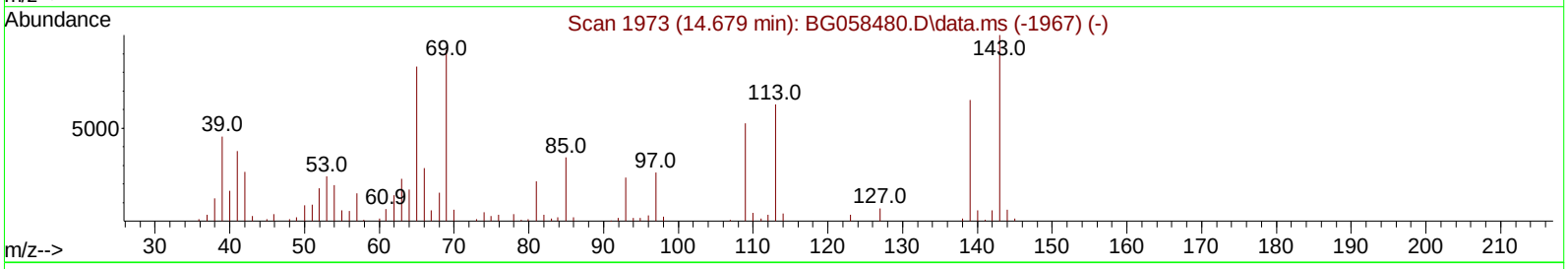


TIC: BG058487.D\data.ms

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

**14.693min (+ 0.013) 0.39 ng/ul**

**response 685**

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 67.80 | 41.42# |
| 41.00 | 46.40 | 49.34 |
| 42.00 | 30.60 | 0.00# |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072623\
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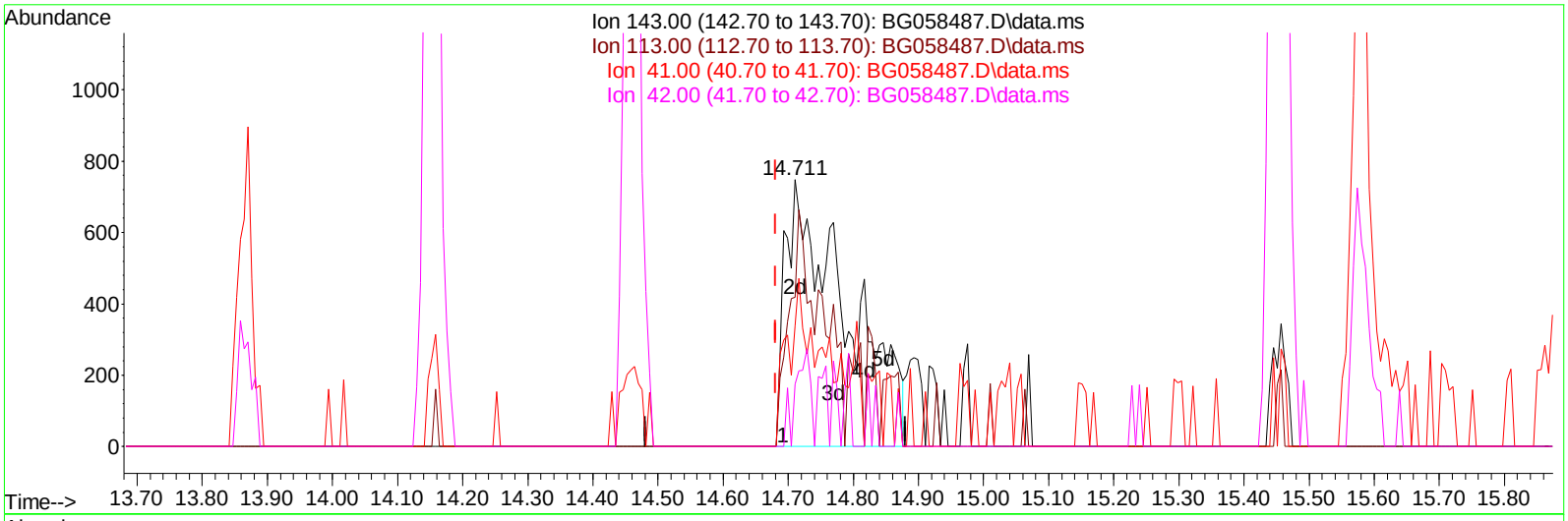
Acq On : 26 Jul 2023 20:37
Operator : MA/JU
Sample : 03553-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

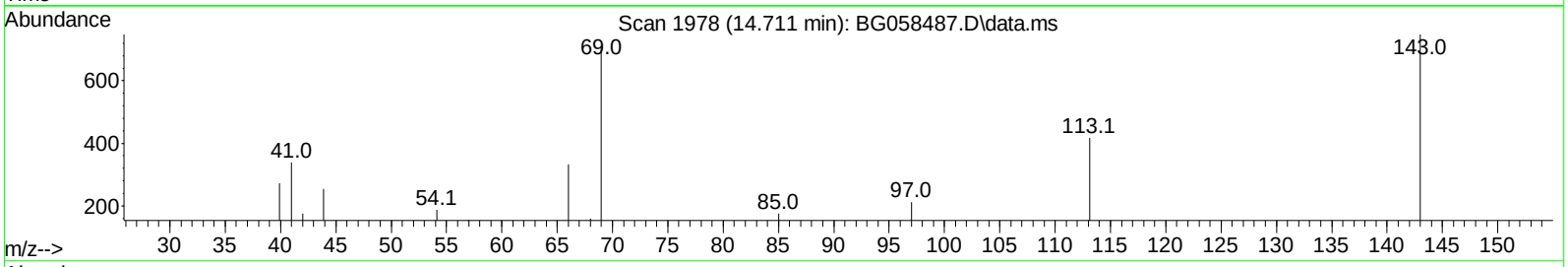
Quant Time: Jul 27 02:17:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 26 17:43:09 2023
Response via : Initial Calibration

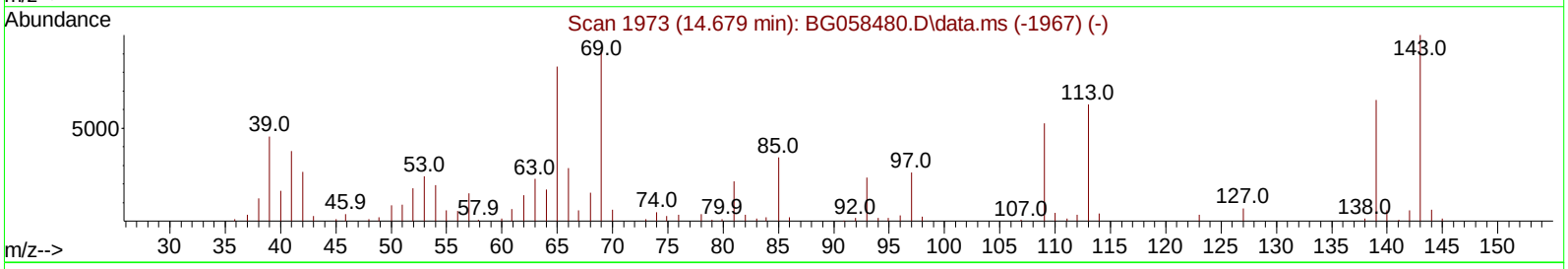
**Instrument :**
BNA_G
**ClientSampleId :**
A46Y6

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023




TIC: BG058487.D\data.ms

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

**14.711min (+ 0.030) 2.76 ng/ul m**

**response 4831**

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 67.80 | 55.88 |
| 41.00 | 46.40 | 45.32 |
| 42.00 | 30.60 | 23.53# |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072623\
Data File : BG058487.D
Acq On : 26 Jul 2023 20:37
Operator : MA/JU
Sample : 03553-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 27 03:43:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
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**Instrument :**
BNA_G
**ClientSampleId :**
A46Y6

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.813 | 152 | 49978 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.616 | 136 | 213670 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.458 | 164 | 150329 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.208 | 188 | 373747 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.444 | 240 | 341054 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.517 | 264 | 391245 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.236 | 96 | 6725m | 4.953 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.659 | 84 | 37905 | 9.405 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.985 | 99 | 26285 | 5.544 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.143 | 67 | 84914 | 28.655 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.349 | 132 | 73548 | 22.161 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.524 | 113 | 46634 | 12.895 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.976 | 128 | 47547 | 29.688 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.699 | 143 | 51820 | 29.637 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.240 | 165 | 86440 | 25.789 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.757 | 131 | 120744 | 24.849 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.865 | 166 | 337020 | 29.073 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.153 | 160 | 379812 | 31.265 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.711 | 143 | 4831m | 2.759 | ng/ul | 0.03 |
| 60) Fluorene-d10 | 15.457 | 176 | 305987 | 31.882 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.580 | 200 | 39134 | 20.552 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.302 | 188 | 566557 | 35.083 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.599 | 212 | 717425 | 35.615 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.305 | 264 | 738081 | 39.031 | ng/ul | 0.00 |

Target Compounds Qvalue

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

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