Quantitation Report (Qedit)

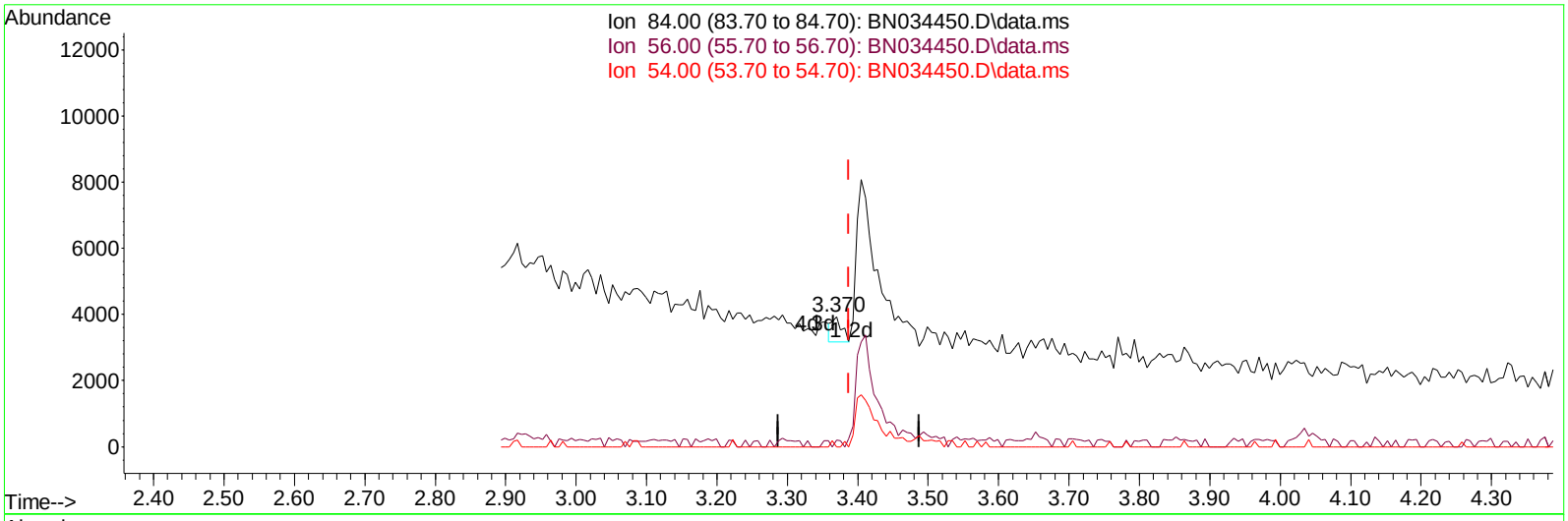
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034450.D
Acq On : 07 Oct 2024 22:51
Operator : RC/JU
Sample : P4131-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

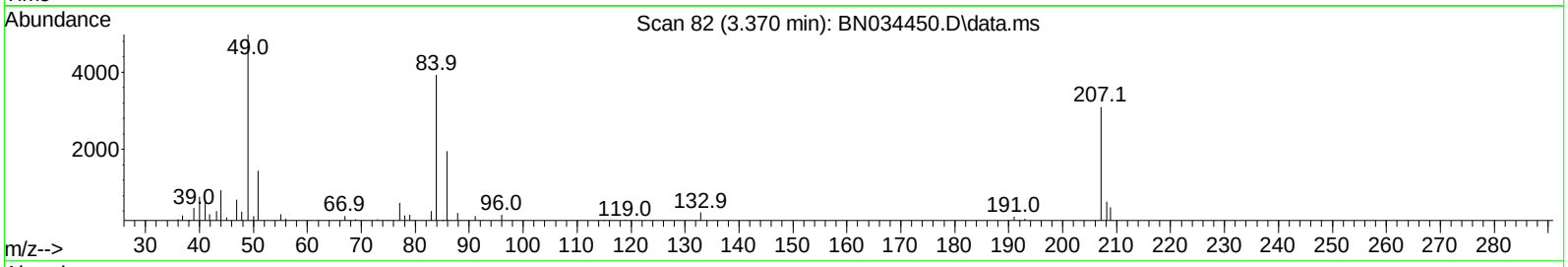
Quant Time: Oct 08 00:54:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

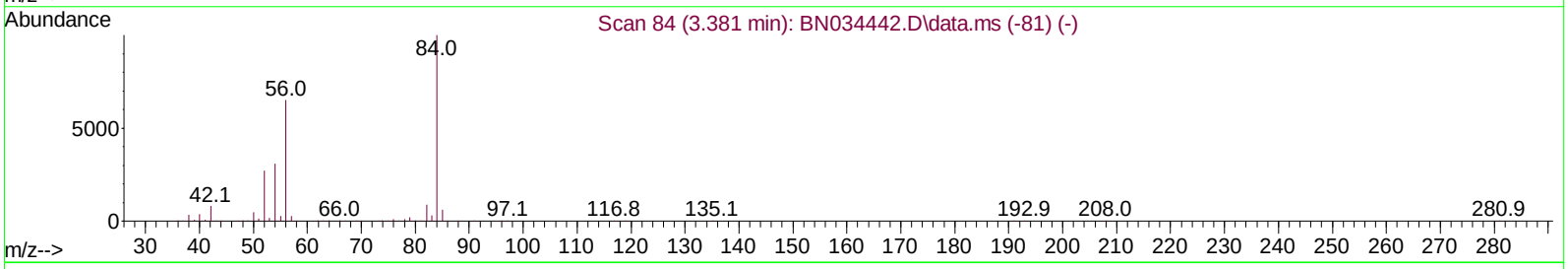
**Instrument :**
BNA_N
**ClientSampleId :**
A4EX8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024




TIC: BN034450.D\data.ms

**(4) Pyridine-d5 (S)**

**3.370min (-0.018) 0.04 ng/ul**

**response 759**

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 67.90 | 5.24# |
| 54.00 | 32.80 | 0.00# |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_N
**ClientSampleId :**
A4EX8

**Manual IntegrationsAPPROVED**

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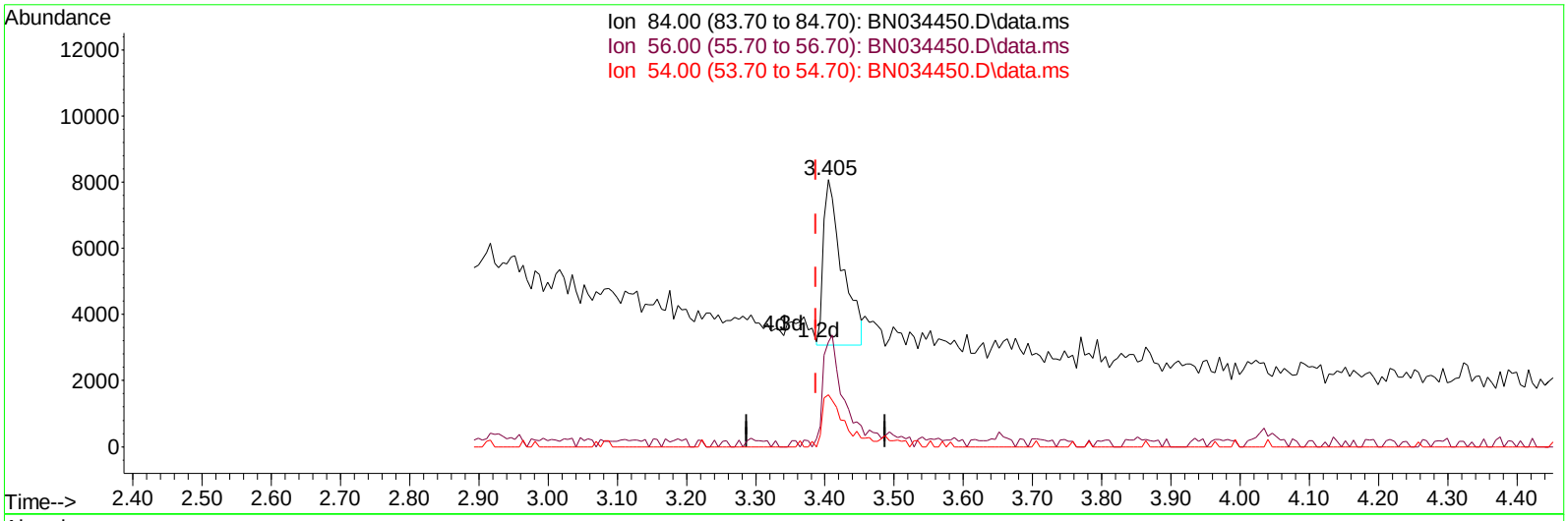
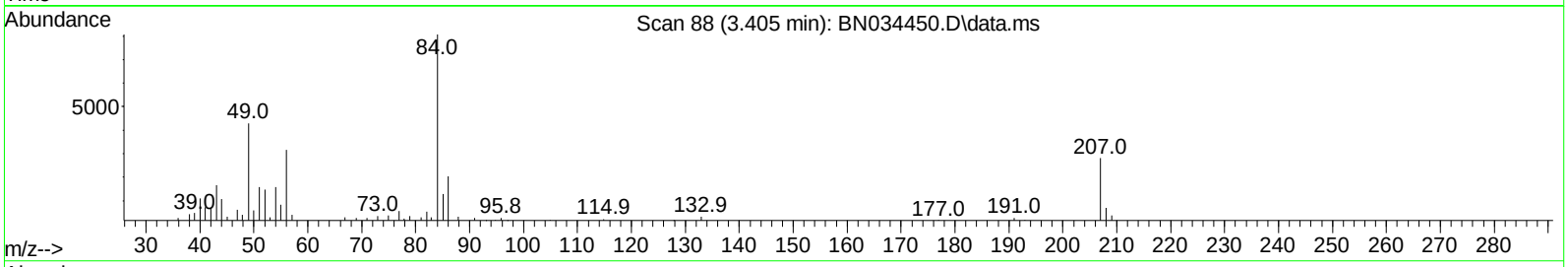
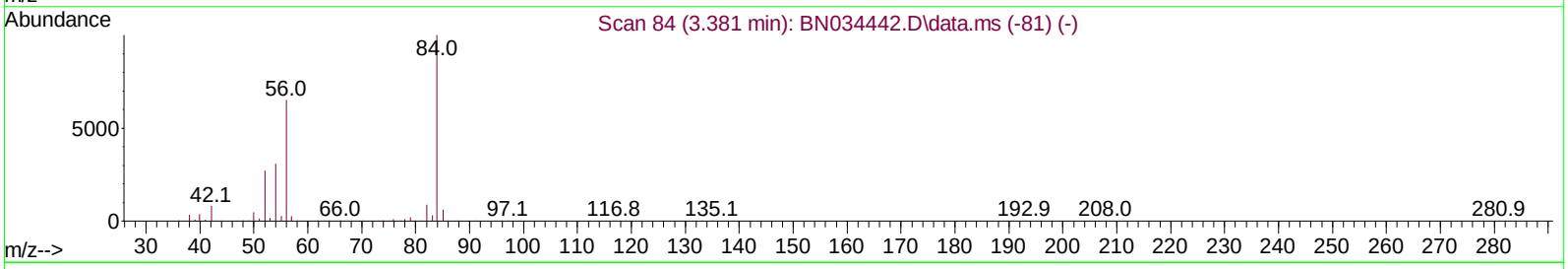
Supervised By :mohammad ahmed 10/09/2024




TIC: BN034450.D\data.ms

**(4) Pyridine-d5 (S)**

**3.405min (+ 0.018) 0.46 ng/ul m**

**response 9483**

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 67.90 | 39.23# |
| 54.00 | 32.80 | 19.51# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

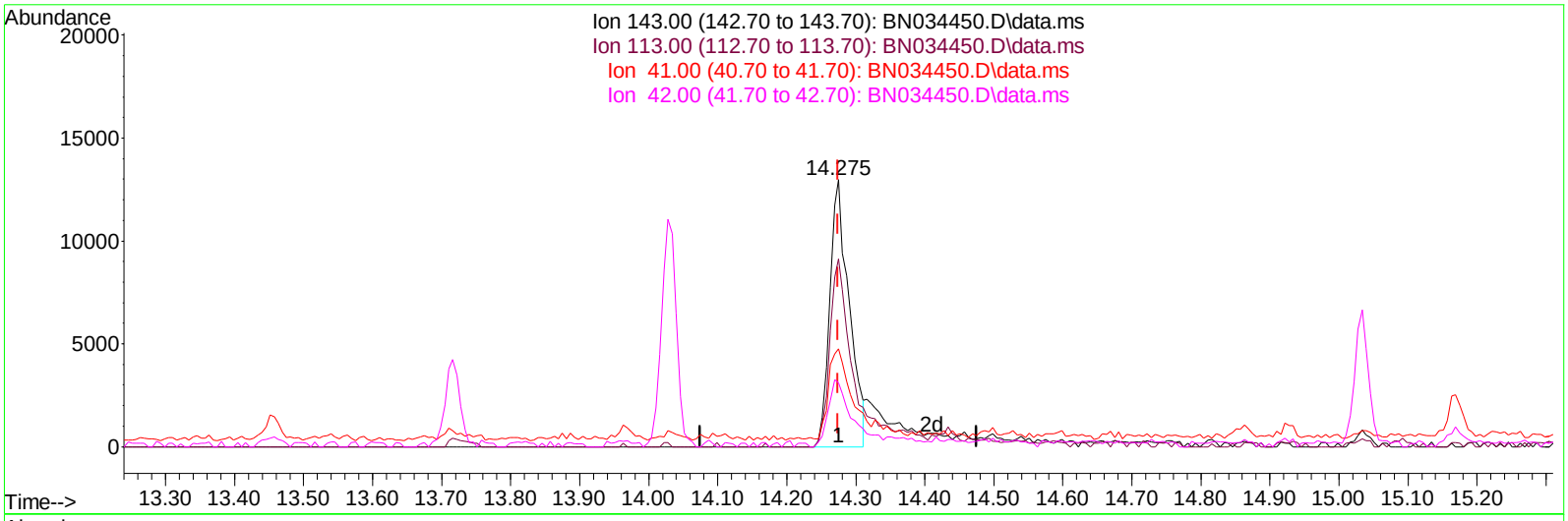
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034450.D
Acq On : 07 Oct 2024 22:51
Operator : RC/JU
Sample : P4131-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

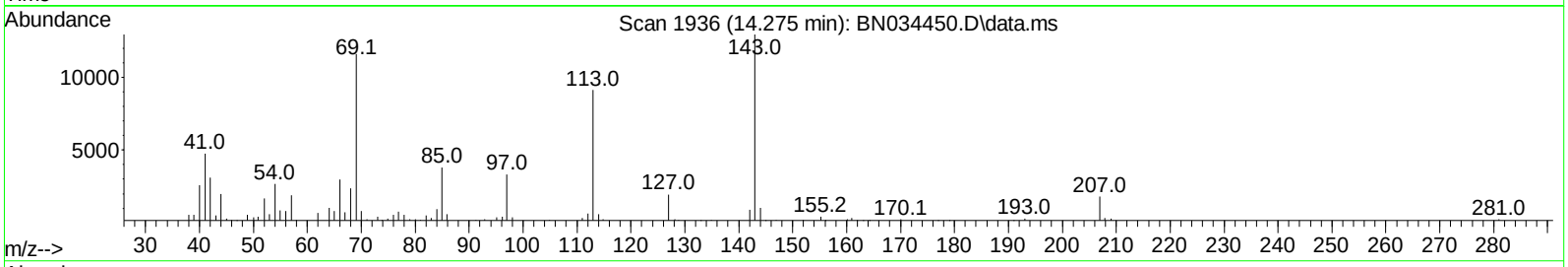
Quant Time: Oct 08 00:54:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

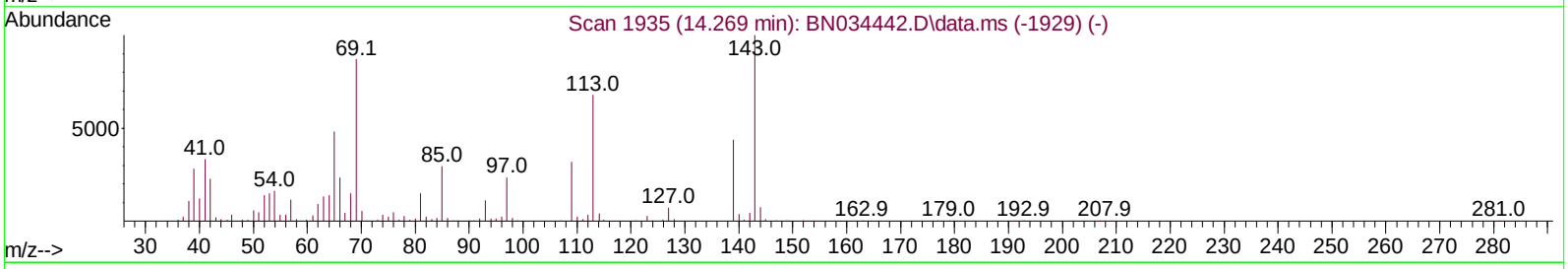
**Instrument :**
BNA_N
**ClientSampleId :**
A4EX8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024




TIC: BN034450.D\data.ms

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

**14.275min (+ 0.000) 2.44 ng/ul**

**response 25374**

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 76.90 | 70.36 |
| 41.00 | 41.70 | 36.64 |
| 42.00 | 28.50 | 23.98 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
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Acq On : 07 Oct 2024 22:51
Operator : RC/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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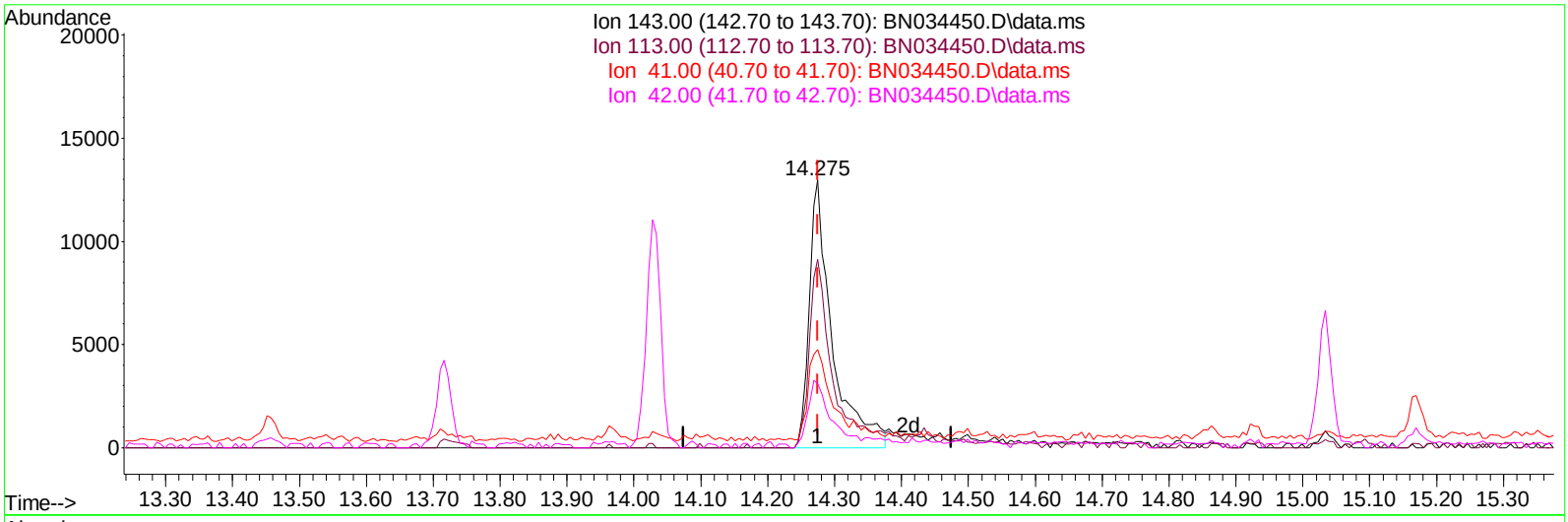
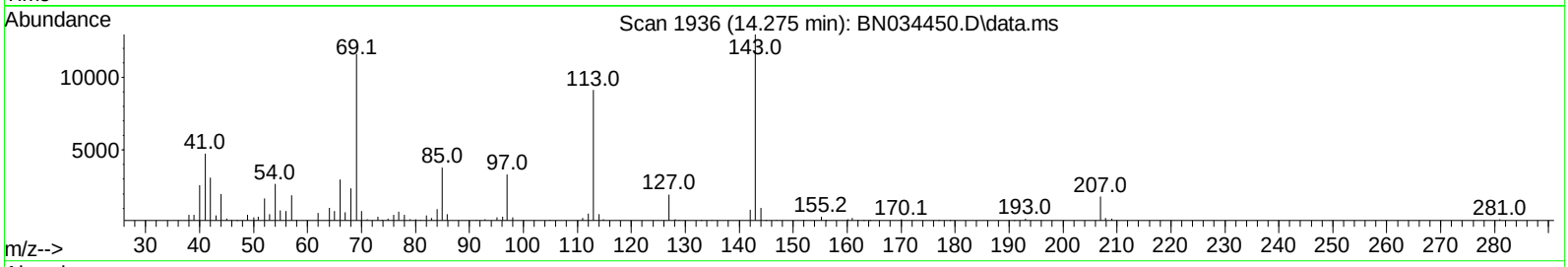
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

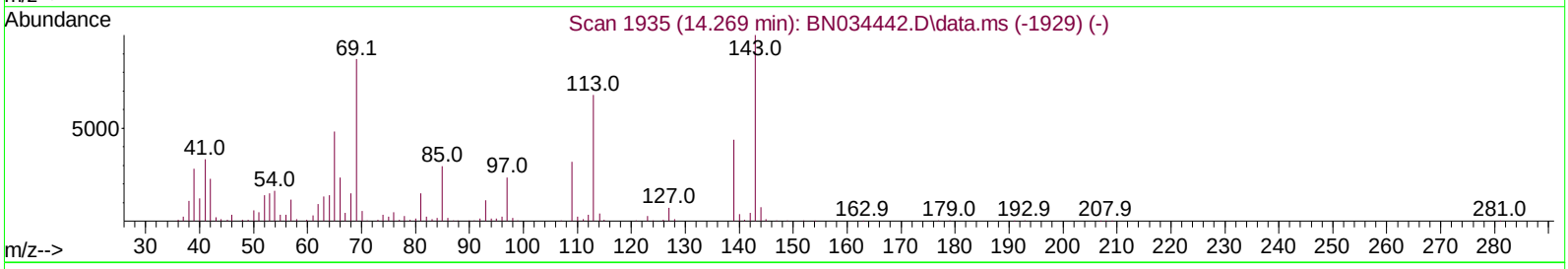
**Instrument :**
BNA_N
**ClientSampleId :**
A4EX8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024




TIC: BN034450.D\data.ms

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

**14.275min (+ 0.000) 2.97 ng/ul m**

**response 30895**

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 76.90 | 70.36 |
| 41.00 | 41.70 | 36.64 |
| 42.00 | 28.50 | 23.98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
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Acq On : 07 Oct 2024 22:51
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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**Instrument :**
BNA_N
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A4EX8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.375 | 152 | 282196 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.134 | 136 | 1138073 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.028 | 164 | 679310 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 16.787 | 188 | 1225245 | 20.000 | ng/ul | -0.01 |
| 79) Chrysene-d12 | 21.028 | 240 | 955576 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.733 | 264 | 1167803 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.999 | 96 | 10251 | 1.482 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.405 | 84 | 9483m | 0.461 | ng/ul | 0.02 |
| 7) Phenol-d5 | 6.581 | 99 | 181913 | 7.263 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.734 | 67 | 123133 | 7.924 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 6.917 | 132 | 177475 | 9.002 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.093 | 113 | 140423 | 6.814 | ng/ul | -0.01 |
| 21) Nitrobenzene-d5 | 8.522 | 128 | 83627 | 9.219 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.234 | 143 | 90041 | 9.653 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.769 | 165 | 158796 | 9.039 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.287 | 131 | 67433 | 2.536 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.457 | 166 | 503576 | 9.919 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 13.716 | 160 | 573603 | 10.043 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 14.275 | 143 | 30895m | 2.965 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.034 | 176 | 426842 | 9.921 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.169 | 200 | 32942 | 4.509 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 16.887 | 188 | 580840 | 10.083 | ng/ul | -0.01 |
| 81) Pyrene-d10 | 19.198 | 212 | 461180 | 8.662 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 23.545 | 264 | 340602 | 5.678 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 16) Acetophenone | 8.193 | 105 | 33267 | 1.019 | ng/ul | 97 |
| 72) Phenanthrene | 16.828 | 178 | 391619 | 5.797 | ng/ul | 99 |
| 74) Anthracene | 16.922 | 178 | 73817 | 1.070 | ng/ul | 97 |
| 80) Fluoranthene | 18.863 | 202 | 936153 | 15.040 | ng/ul | 98 |
| 82) Pyrene | 19.228 | 202 | 566930 | 8.473 | ng/ul | 95 |
| 85) Benzo(a)anthracene | 21.010 | 228 | 377177 | 5.536 | ng/ul | 93 |
| 86) Bis(2-ethylhexyl)phtha... | 20.975 | 149 | 199624 | 4.545 | ng/ul# | 98 |
| 87) Chrysene | 21.063 | 228 | 462703 | 7.118 | ng/ul | 95 |
| 90) Benzo(b)fluoranthene | 22.886 | 252 | 712915 | 10.013 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.945 | 252 | 230372 | 3.280 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.604 | 252 | 190253 | 2.829 | ng/ul# | 89 |
| 94) Indeno(1,2,3-cd)pyrene | 26.715 | 276 | 220470 | 2.646 | ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 26.763 | 278 | 86996 | 1.291 | ng/ul# | 93 |

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

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