Quantitation Report (Qedit)

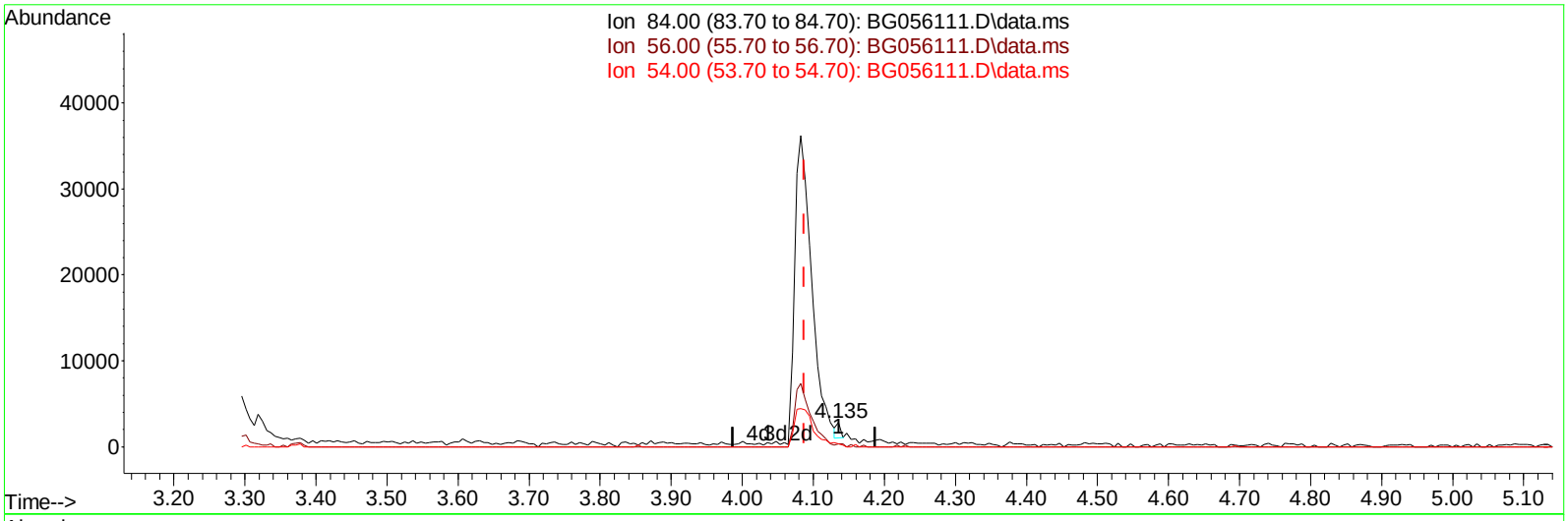
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056111.D
Acq On : 25 Dec 2022 5:58
Operator : CG/JU
Sample : N6017-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

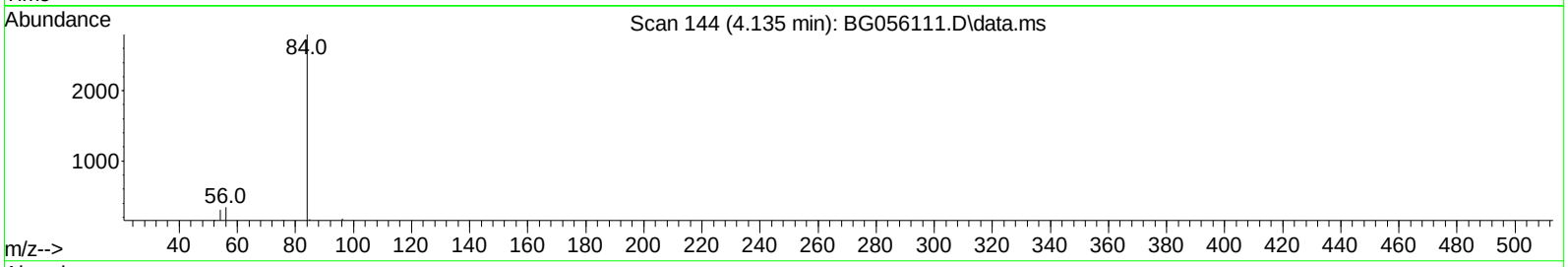
Quant Time: Dec 25 22:36:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 22:54:38 2022
Response via : Initial Calibration

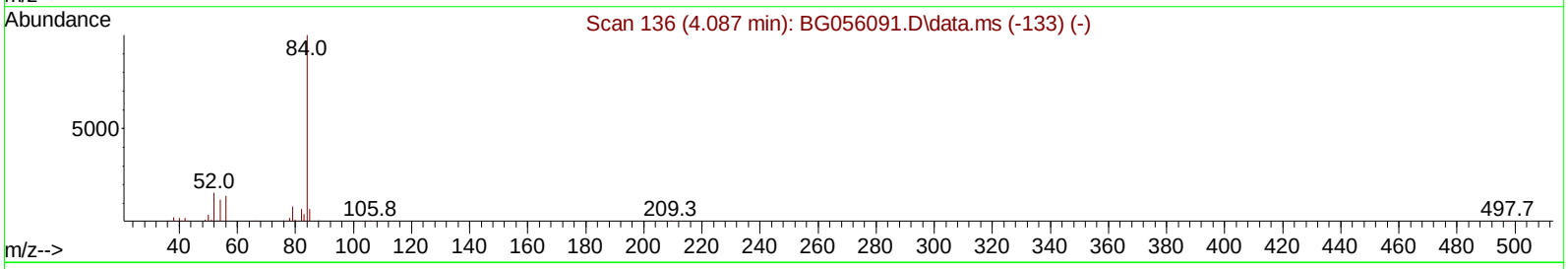
**Instrument :**
BNA_G
**ClientSampleId :**
DBYF8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022




TIC: BG056111.D\data.ms

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

**4.135min (+ 0.048) 0.22 ng/ul**

**response 631**

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 13.80 | 12.18 |
| 54.00 | 11.70 | 10.97 |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

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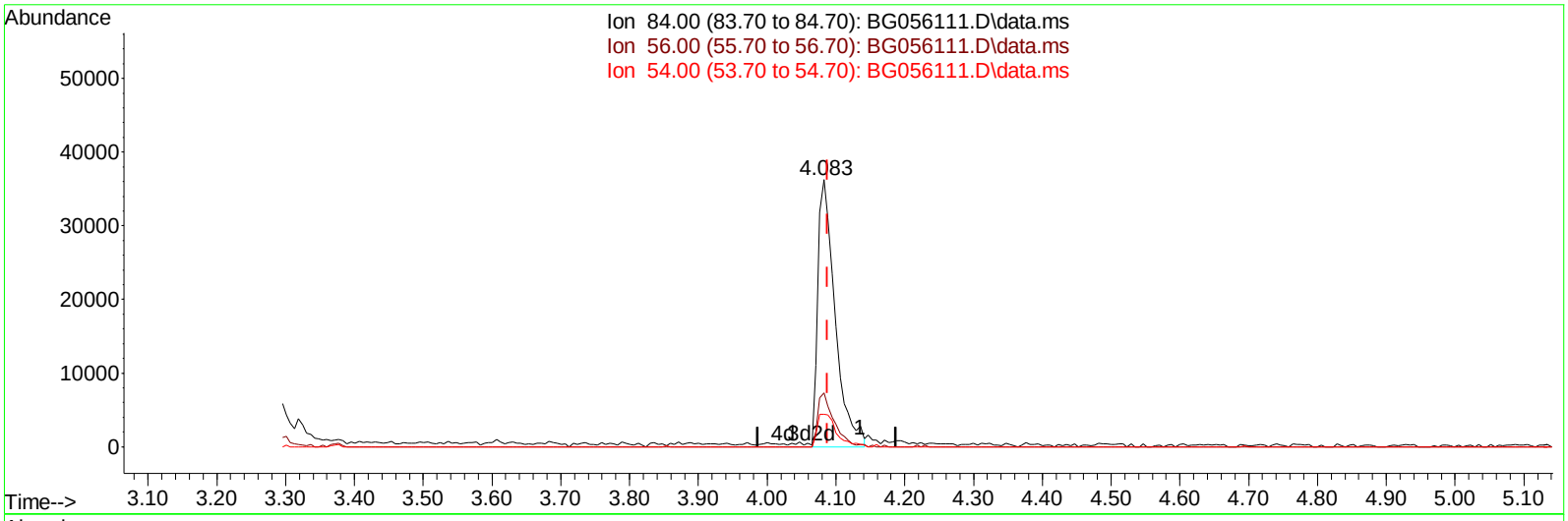


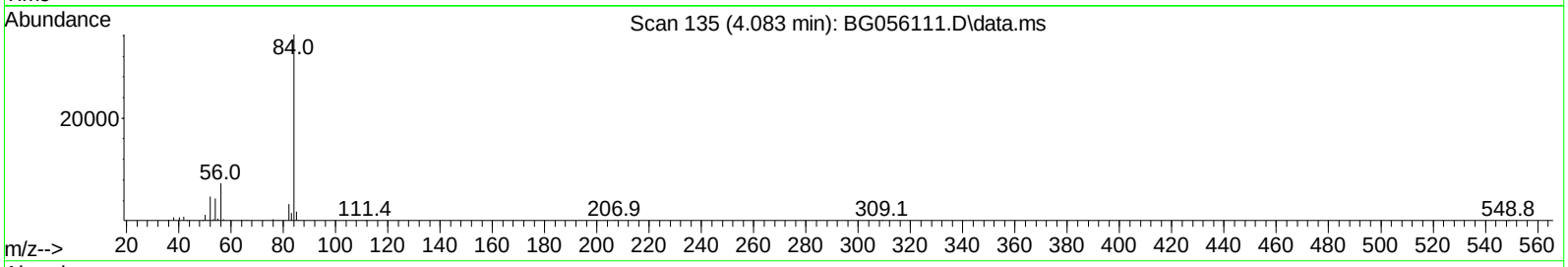


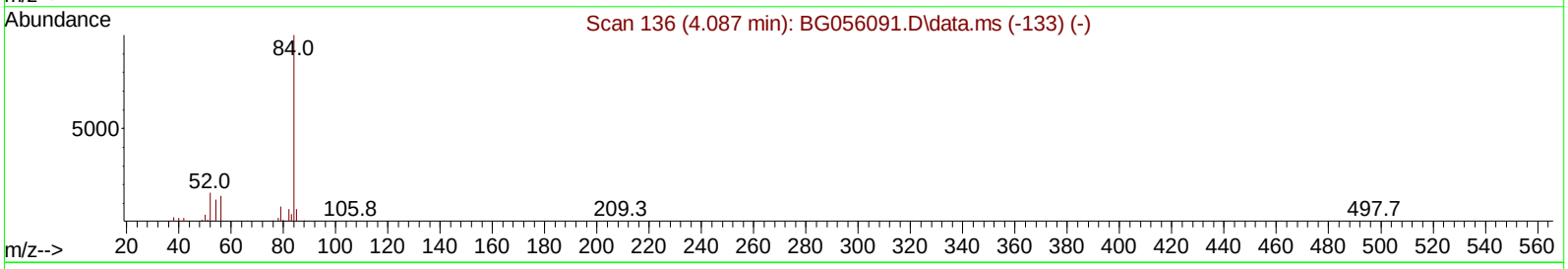


TIC: BG056111.D\data.ms

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

**4.083min (-0.005) 21.49 ng/ul m**

**response 62977**

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 13.80 | 20.24# |
| 54.00 | 11.70 | 12.20 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : N6017-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 22:54:38 2022
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
DBYF8

**Manual IntegrationsAPPROVED**

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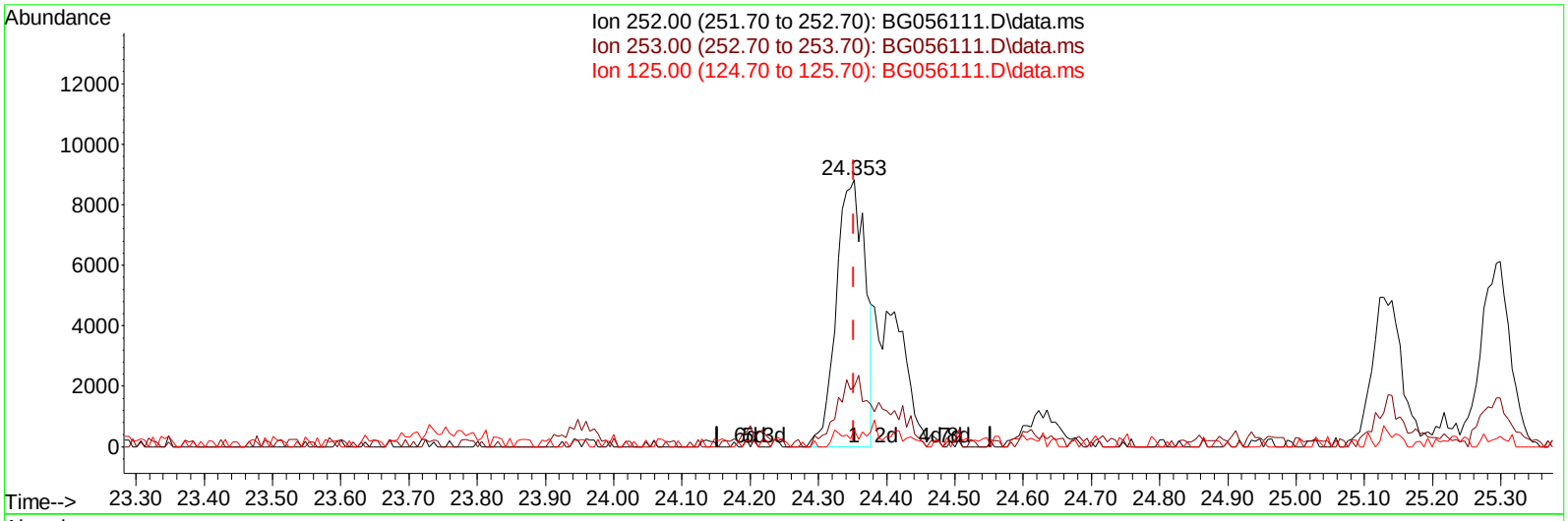


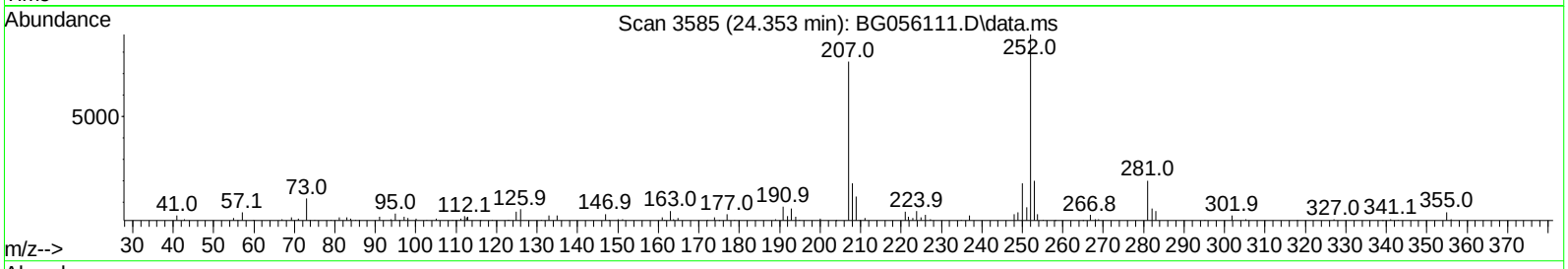


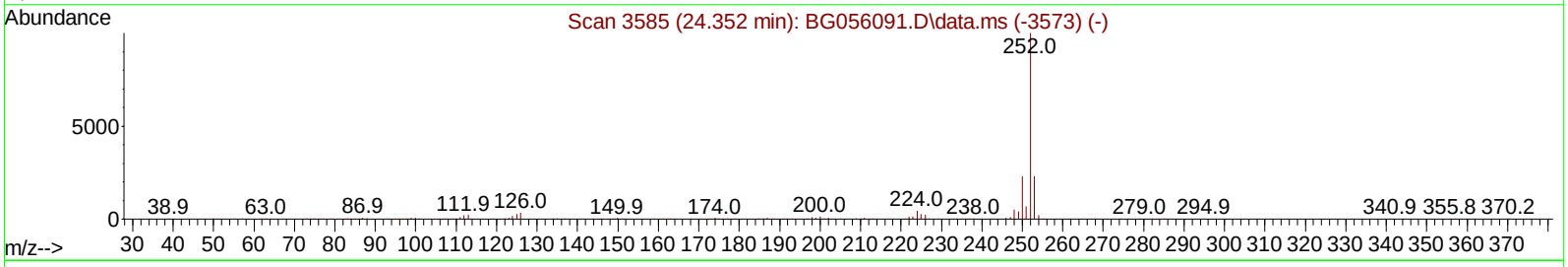


TIC: BG056111.D\data.ms

**(90) Benzo(b)fluoranthene**

**24.353min (+ 0.001) 1.05 ng/ul**

**response 26002**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.10 | 22.65 |
| 125.00 | 2.80 | 6.30# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**Instrument :**
BNA_G
**ClientSampleId :**
DBYF8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/26/2022
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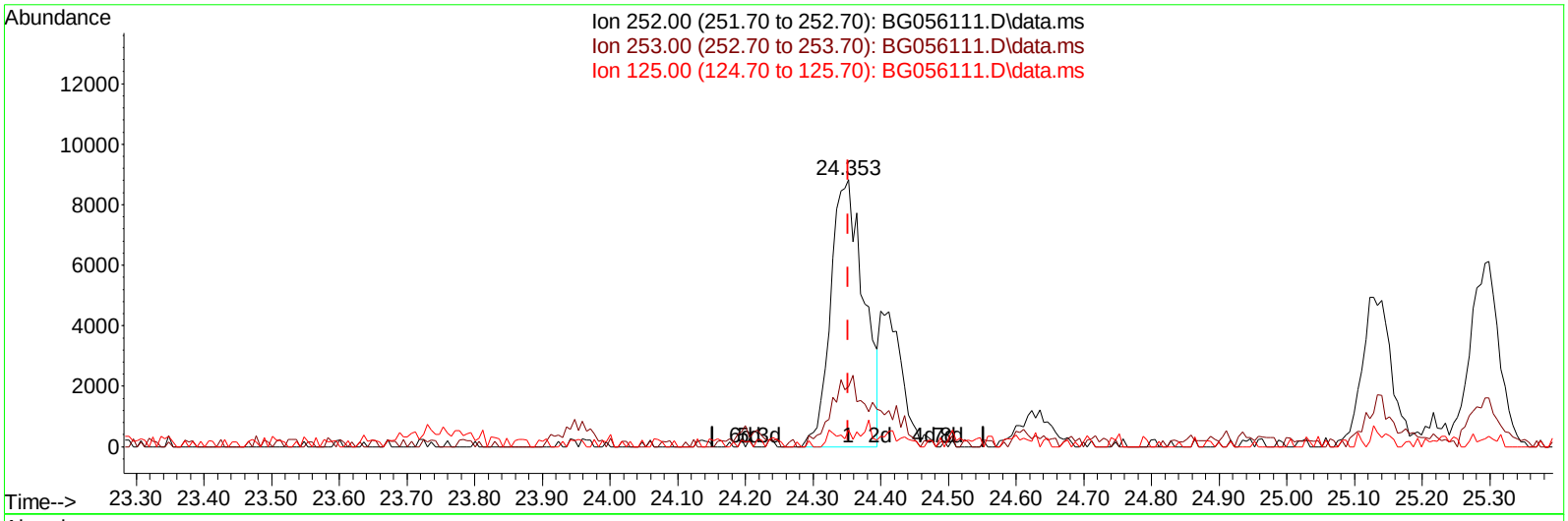


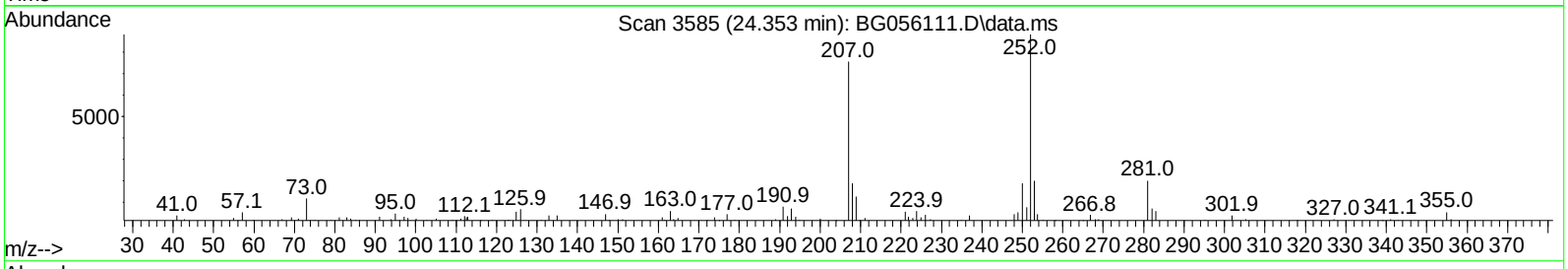


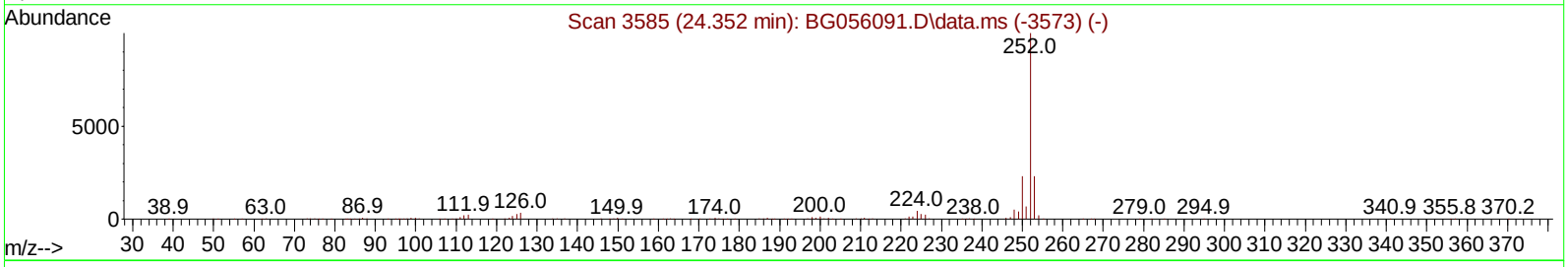


TIC: BG056111.D\data.ms

**(90) Benzo(b)fluoranthene**

**24.353min (+ 0.001) 1.21 ng/ul m**

**response 30008**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.10 | 22.65 |
| 125.00 | 2.80 | 6.30# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
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Misc :
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**Instrument :**
BNA_G
**ClientSampleId :**
DBYF8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.348 | 152 | 37630 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.180 | 136 | 152570 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.952 | 164 | 141082 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.690 | 188 | 353601 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.991 | 240 | 351817 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.458 | 264 | 375709 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.642 | 96 | 4714 | 5.244 | ng/uL | -0.01 |
| 4) Pyridine-d5 | 4.083 | 84 | 62977m | 21.486 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.473 | 99 | 94378 | 27.649 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.649 | 67 | 37817 | 28.110 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.866 | 132 | 61842 | 30.654 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 9.036 | 113 | 72149 | 28.085 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.517 | 128 | 34181 | 30.760 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.246 | 143 | 45000 | 30.995 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.781 | 165 | 91285 | 28.294 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.304 | 131 | 81243 | 22.263 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.341 | 166 | 312595 | 28.628 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.653 | 160 | 345545 | 28.022 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.117 | 143 | 46314 | 28.177 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.939 | 176 | 297339 | 27.587 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 16.039 | 200 | 61364 | 26.996 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.790 | 188 | 461718 | 28.256 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 20.052 | 212 | 585915 | 30.155 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.217 | 264 | 557840 | 29.212 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 80) Fluoranthene | 19.723 | 202 | 36293 | 1.588 | ng/ul# | 98 |
| 82) Pyrene | 20.081 | 202 | 27483 | 1.192 | ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 24.353 | 252 | 30008m | 1.210 | ng/ul | |

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

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