Quantitation Report (Qedit)

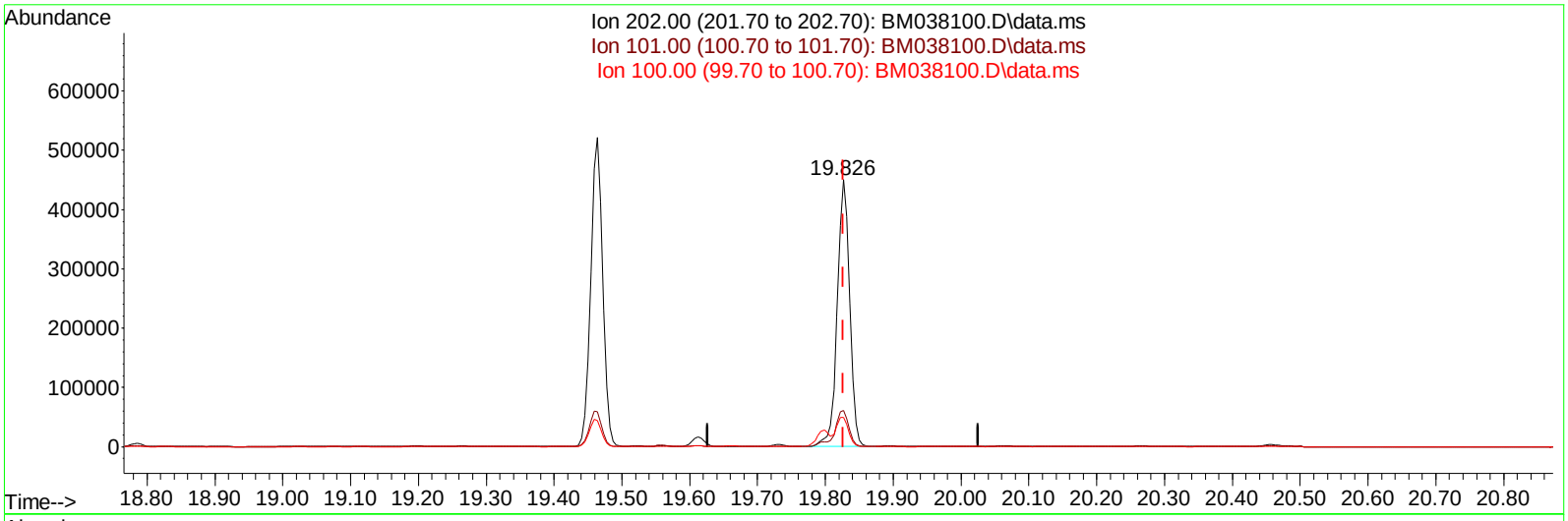
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038100.D
Acq On : 19 Dec 2022 13:38
Operator : CG/JU
Sample : N6006-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

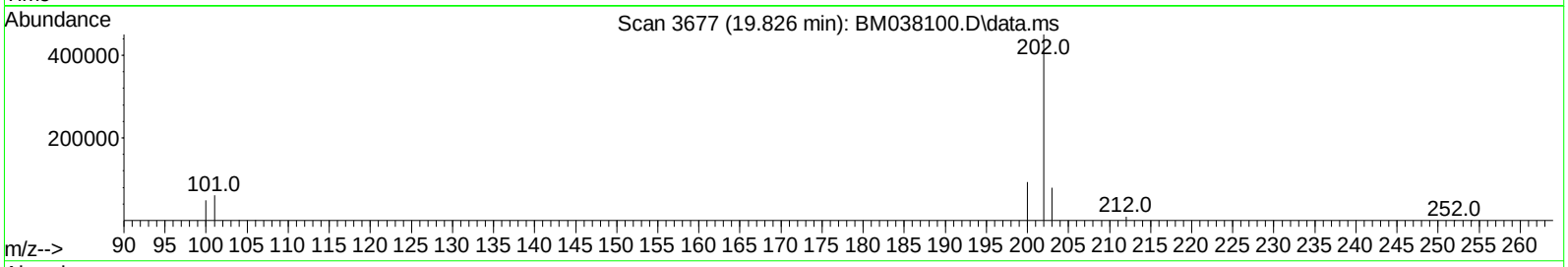
Quant Time: Dec 19 14:21:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration

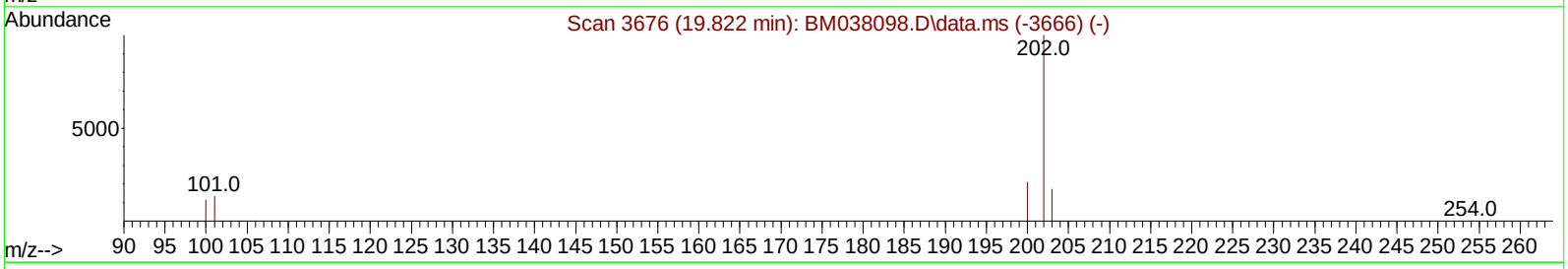
**Instrument :**
BNA_M
**ClientSampleId :**
DBXY9

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022




TIC: BM038100.D\data.ms

**(20) Pyrene**

**19.826min (-0.000) 6.87 ng/ul**

**response 563126**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.10 | 13.56 |
| 100.00 | 12.20 | 10.96 |
| 0.00 | 0.00 | 0.00 |

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**ClientSampleId :**
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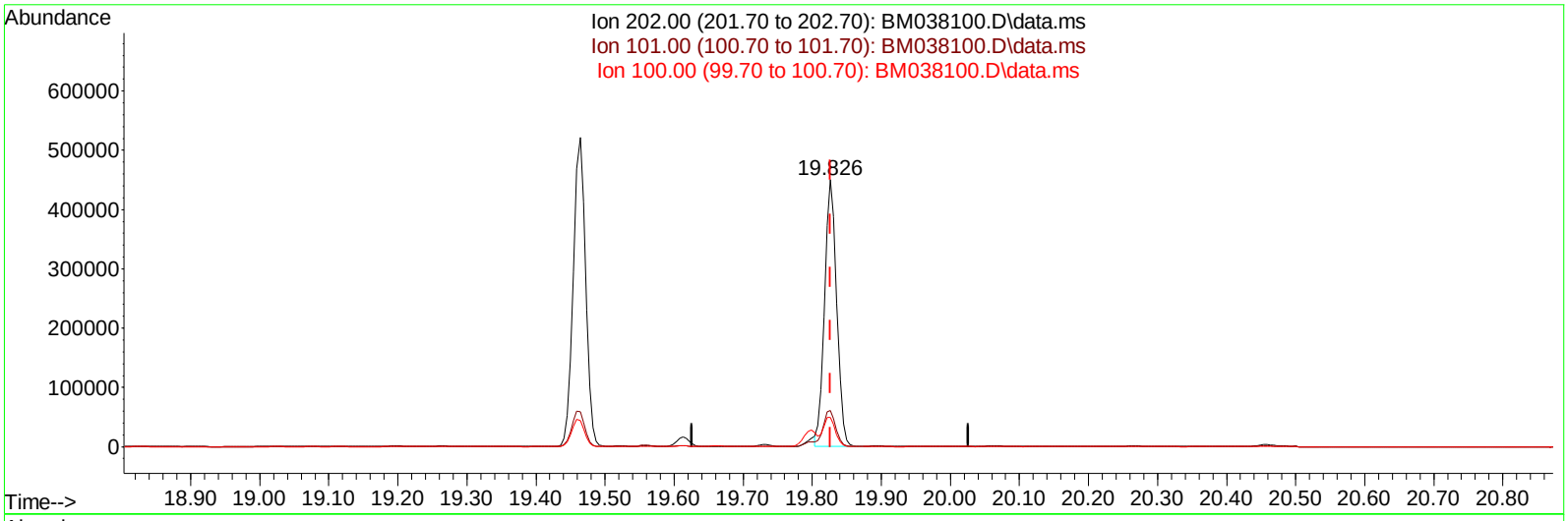


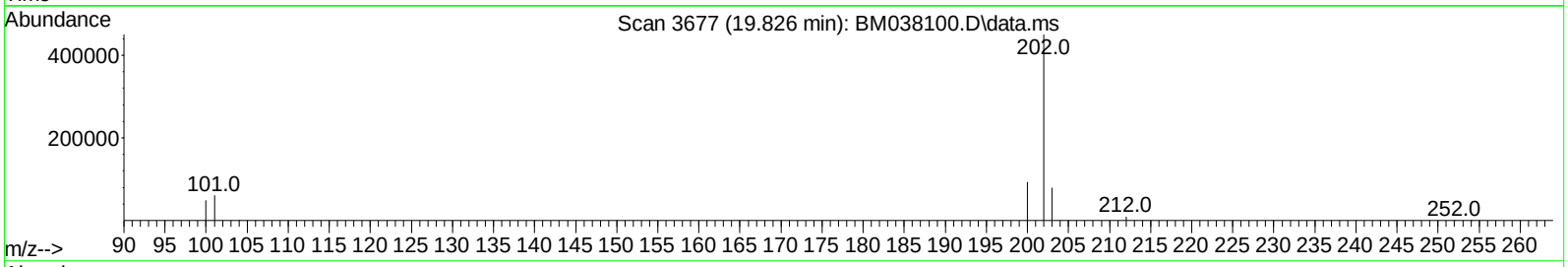


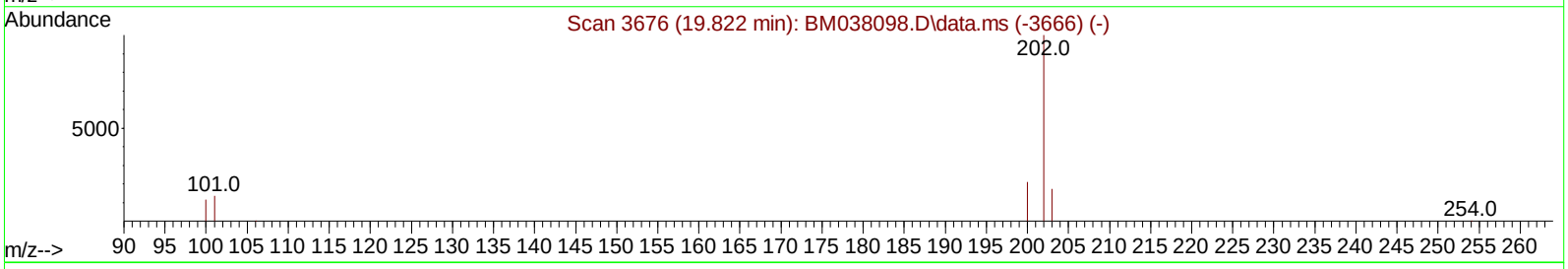


TIC: BM038100.D\data.ms

**(20) Pyrene**

**19.826min (-0.000) 6.69 ng/ul m**

**response 548022**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.10 | 13.56 |
| 100.00 | 12.20 | 10.96 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Acq On : 19 Dec 2022 13:38
Operator : CG/JU
Sample : N6006-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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**Instrument :**
BNA_M
**ClientSampleId :**
DBXY9

**Manual IntegrationsAPPROVED**

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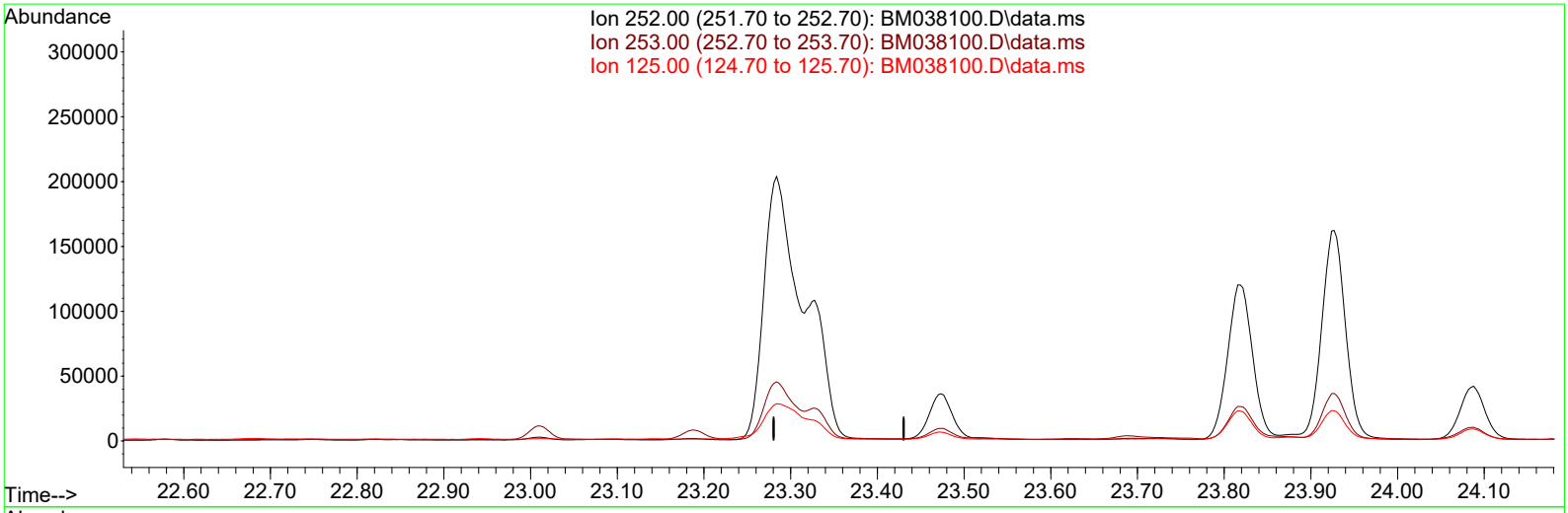


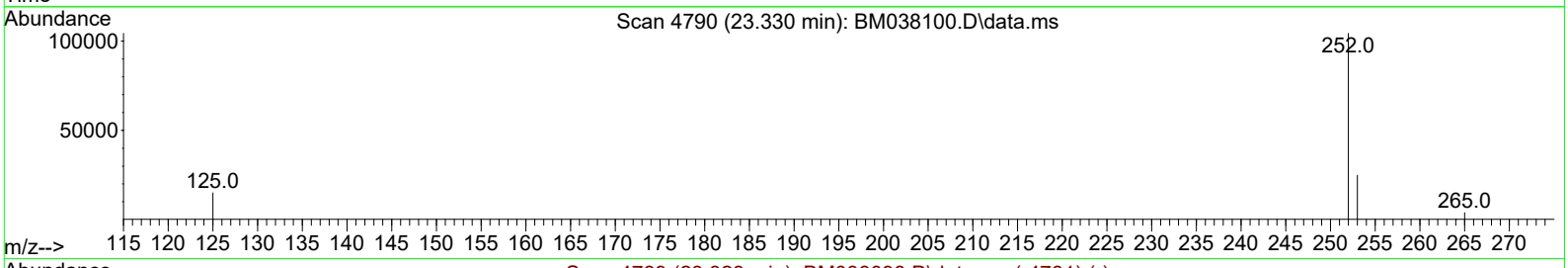


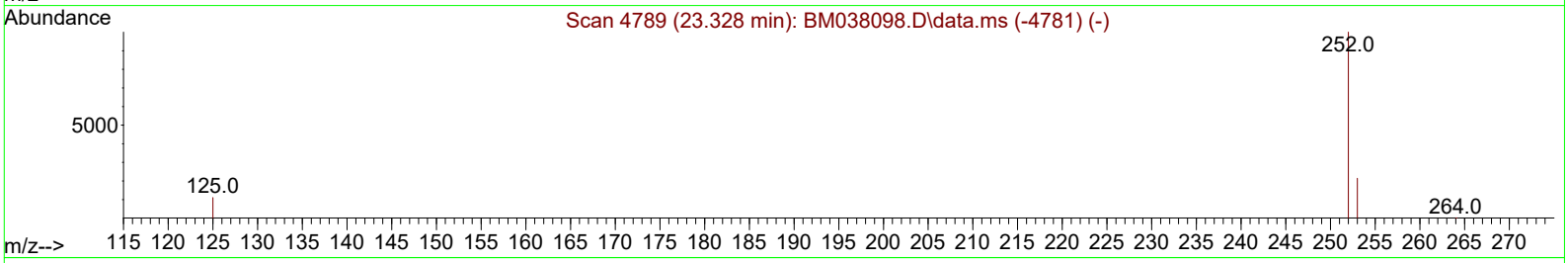


TIC: BM038100.D\data.ms

**(25) Benzo(k)fluoranthene**

**23.330min (-23.330) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 0.00 |
| 253.00 | 26.00 | 0.00# |
| 125.00 | 21.40 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
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**Instrument :**
BNA_M
**ClientSampleId :**
DBXY9

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/20/2022
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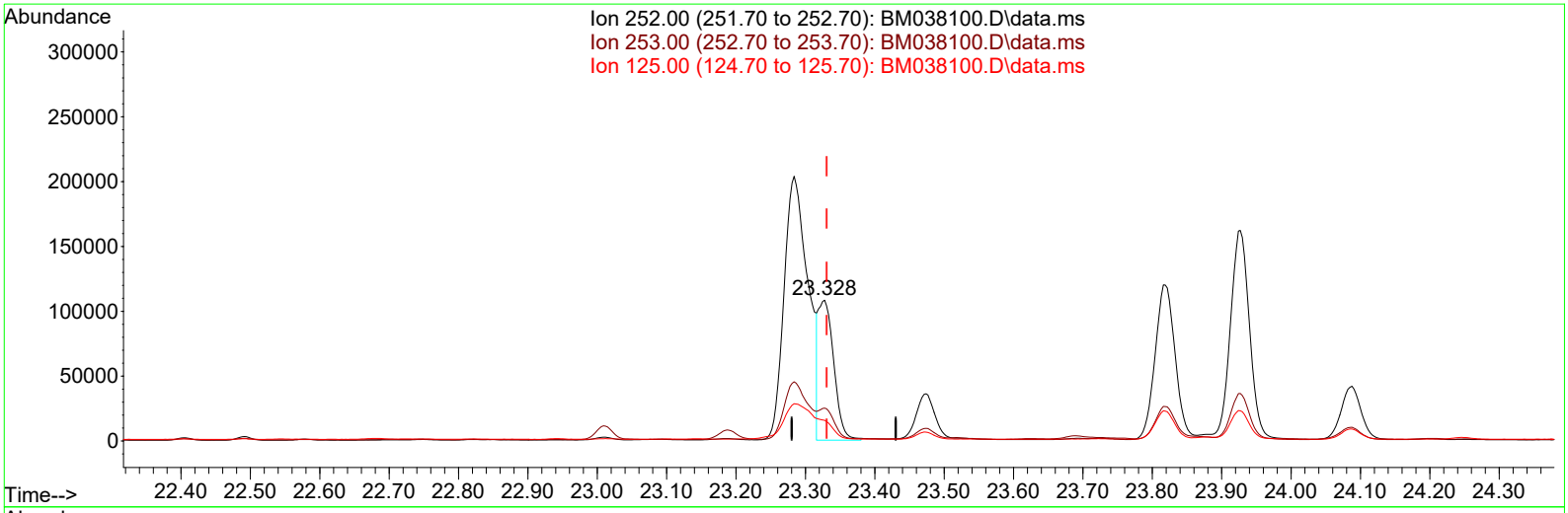


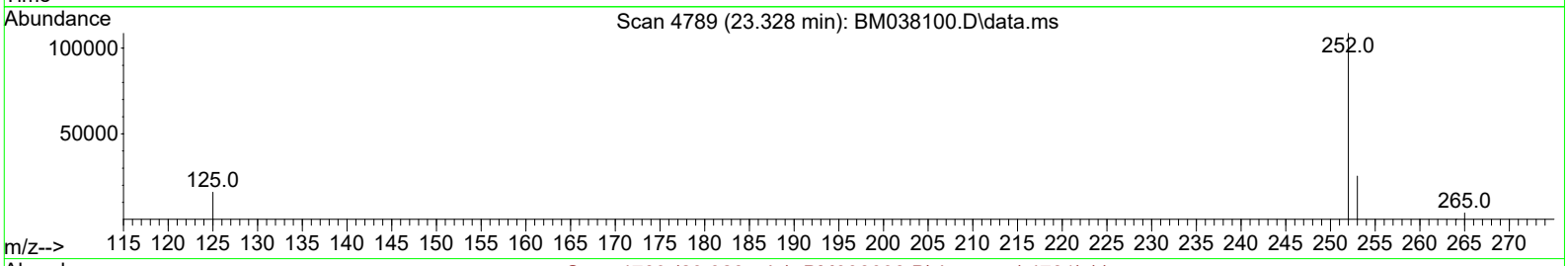


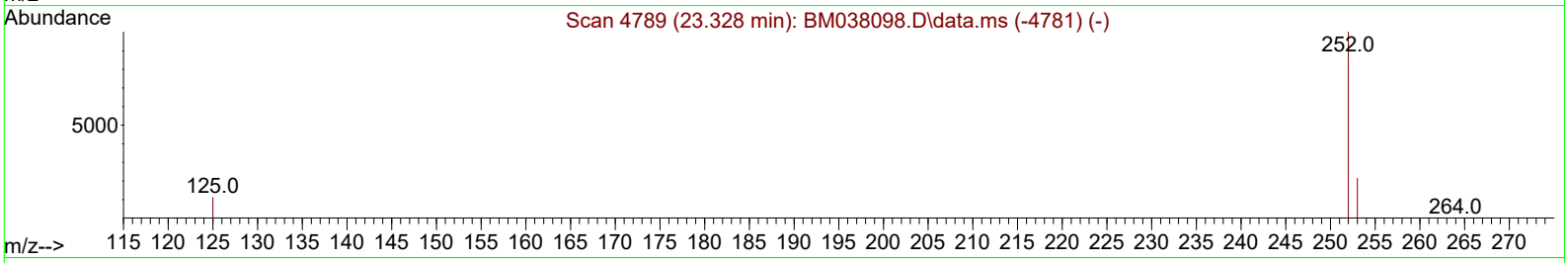


TIC: BM038100.D\data.ms

**(25) Benzo(k)fluoranthene**

**23.328min (-0.003) 2.46 ng/ul m**

**response 166150**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00 | 23.31 |
| 125.00 | 21.40 | 14.68# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Sample : N6006-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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**Instrument :**
BNA_M
**ClientSampleId :**
DBXY9

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.051 | 152 | 4687 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.867 | 136 | 14977 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.680 | 164 | 8410 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.413 | 188 | 17709 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.583 | 240 | 15540 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.035 | 264 | 14751 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.406 | 96 | 33990 | 5.306 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.445 | 152 | 8681 | 0.397 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.431 | 212 | 20093 | 0.357 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.917 | 128 | 13043 | 0.287 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.517 | 142 | 5229 | 0.188 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.737 | 142 | 4215 | 0.148 | ng/ul | 99 |
| 10) Acenaphthylene | 14.402 | 152 | 27830 | 0.631 | ng/ul | 100 |
| 11) Acenaphthene | 14.740 | 153 | 6875 | 0.206 | ng/ul | 99 |
| 12) Fluorene | 15.721 | 166 | 7191 | 0.194 | ng/ul | 99 |
| 14) Pentachlorophenol | 17.067 | 266 | 273 | 0.037 | ng/ul | 94 |
| 15) Phenanthrene | 17.455 | 178 | 196994 | 3.303 | ng/ul | 99 |
| 16) Anthracene | 17.548 | 178 | 45333 | 0.822 | ng/ul | 99 |
| 19) Fluoranthene | 19.464 | 202 | 637319 | 7.940 | ng/ul | 96 |
| 20) Pyrene | 19.826 | 202 | 548022m | 6.688 | ng/ul | |
| 21) Benzo(a)anthracene | 21.565 | 228 | 311065 | 4.633 | ng/ul | 99 |
| 22) Chrysene | 21.618 | 228 | 323644 | 4.779 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 23.284 | 252 | 486675 | 6.957 | ng/ul | 89 |
| 25) Benzo(k)fluoranthene | 23.328 | 252 | 166150m | 2.461 | ng/ul | |
| 26) Benzo(a)pyrene | 23.927 | 252 | 307619 | 5.221 | ng/ul# | 84 |
| 27) Indeno(1,2,3-cd)pyrene | 26.592 | 276 | 229593 | 3.105 | ng/ul# | 88 |
| 28) Dibenzo(a,h)anthracene | 26.599 | 278 | 54059 | 0.938 | ng/ul | 99 |
| 29) Benzo(g,h,i)perylene | 27.387 | 276 | 216239 | 3.442 | ng/ul | 97 |

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

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