Quantitation Report (Qedit)

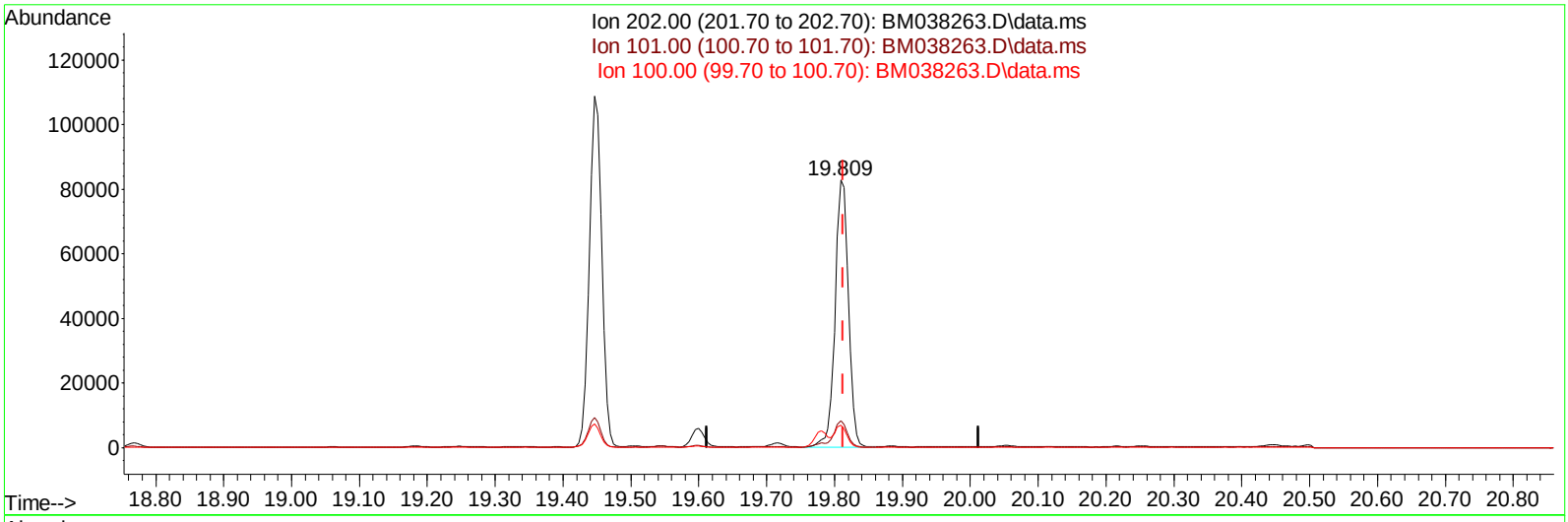
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038263.D
Acq On : 24 Dec 2022 10:08
Operator : CG/JU
Sample : N6015-18DL 5X
Misc :
ALS Vial : 71 Sample Multiplier: 1

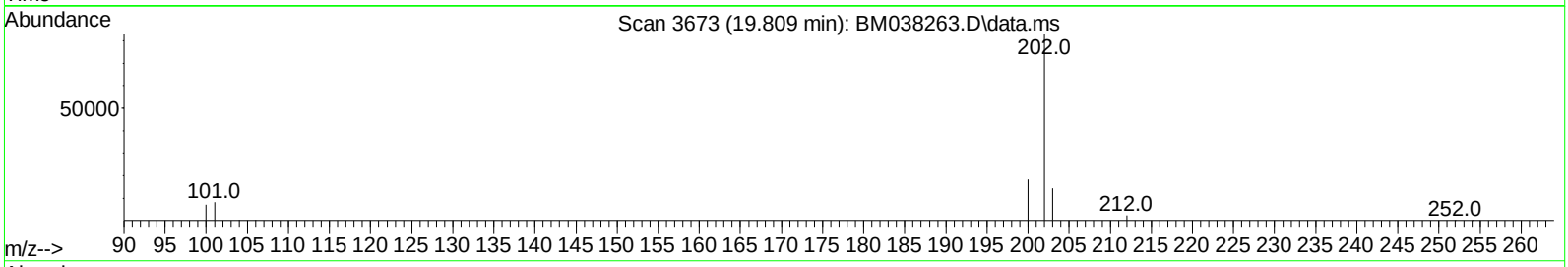
Quant Time: Dec 25 02:55:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration

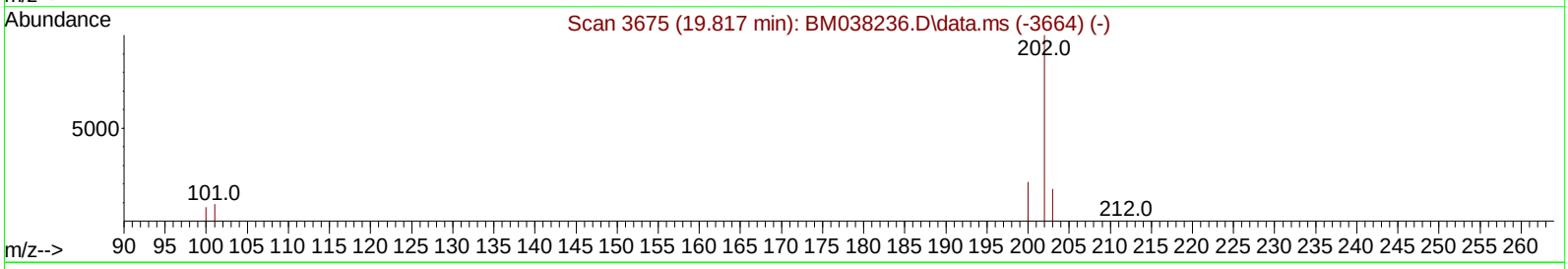
**Instrument :**
BNA_M
**ClientSampleId :**
DBXY7DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022




TIC: BM038263.D\data.ms

**(20) Pyrene**

**19.809min (-0.003) 1.81 ng/ul**

**response 110320**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 11.10 | 9.94 |
| 100.00 | 9.20 | 8.45 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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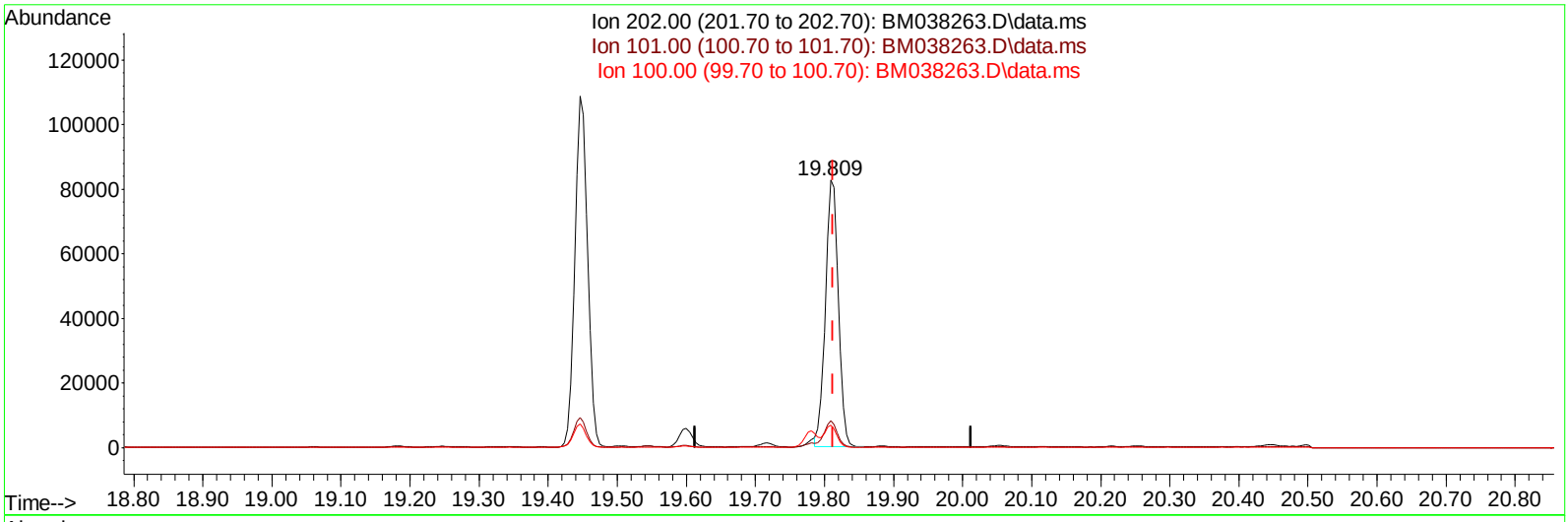


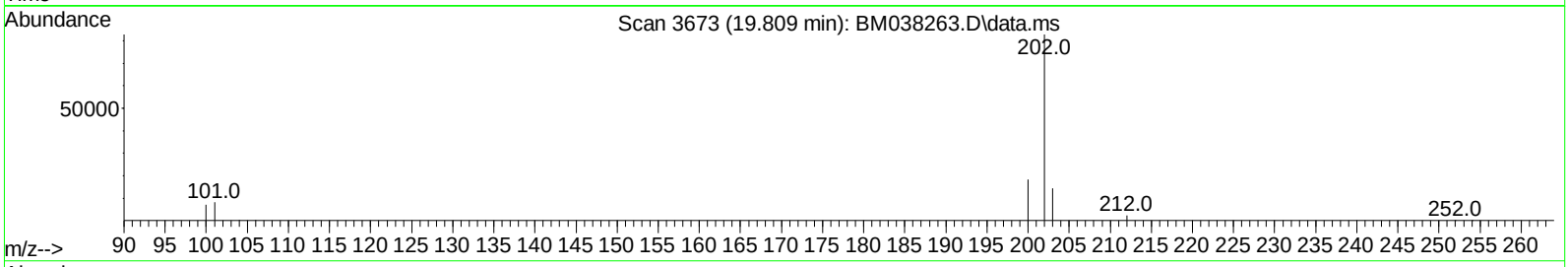


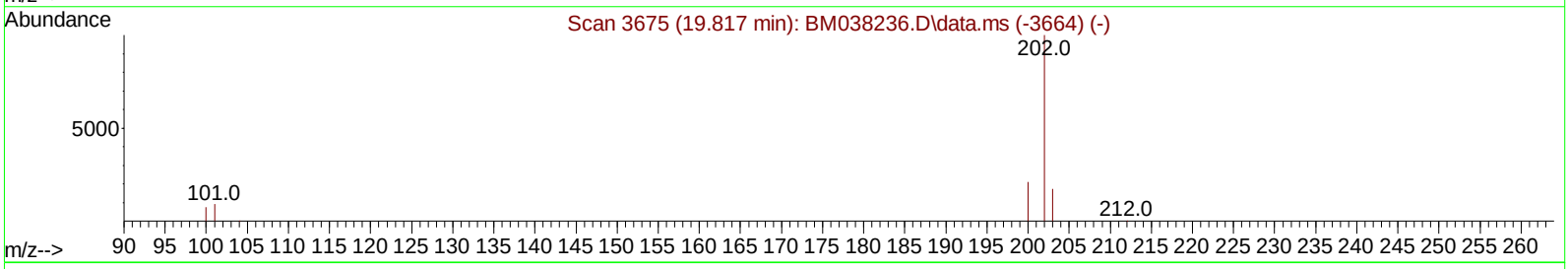


TIC: BM038263.D\data.ms

**(20) Pyrene**

**19.809min (-0.003) 1.78 ng/ul m**

**response 108080**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 11.10 | 9.94 |
| 100.00 | 9.20 | 8.45 |
| 0.00 | 0.00 | 0.00 |

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BNA_M
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**Manual IntegrationsAPPROVED**

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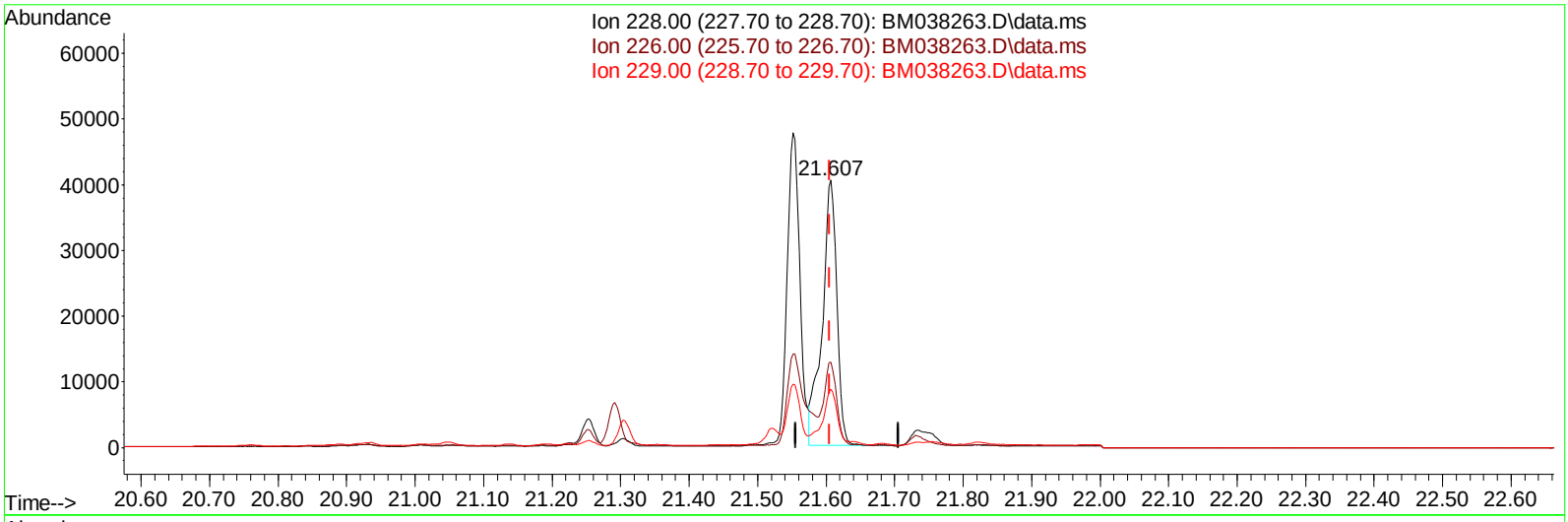
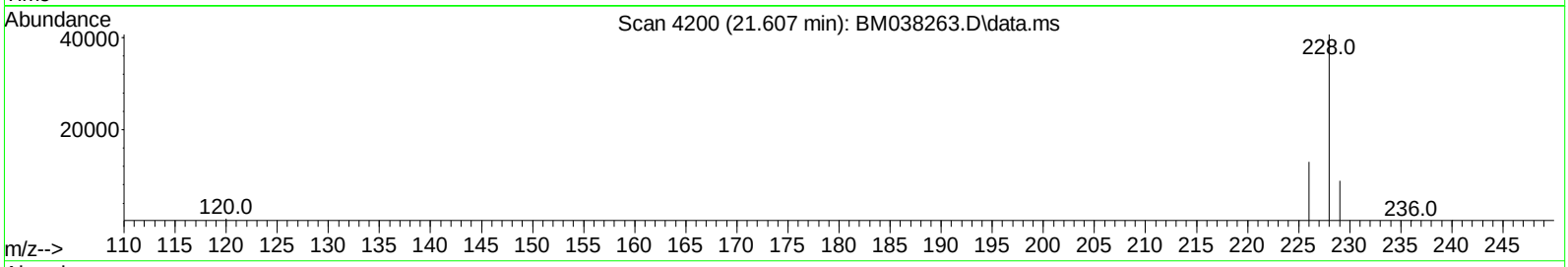
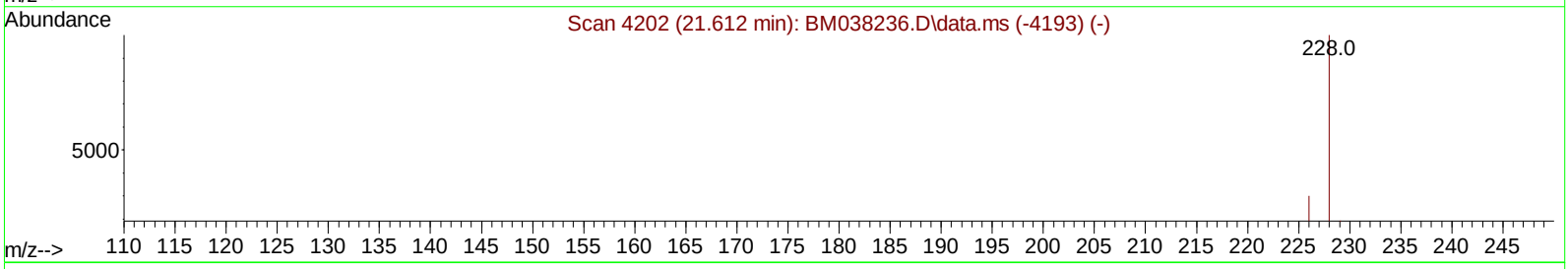



TIC: BM038263.D\data.ms

**(22) Chrysene**

**21.607min (+ 0.001) 1.28 ng/ul**

**response 60197**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 31.20 | 31.94 |
| 229.00 | 20.00 | 21.81 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

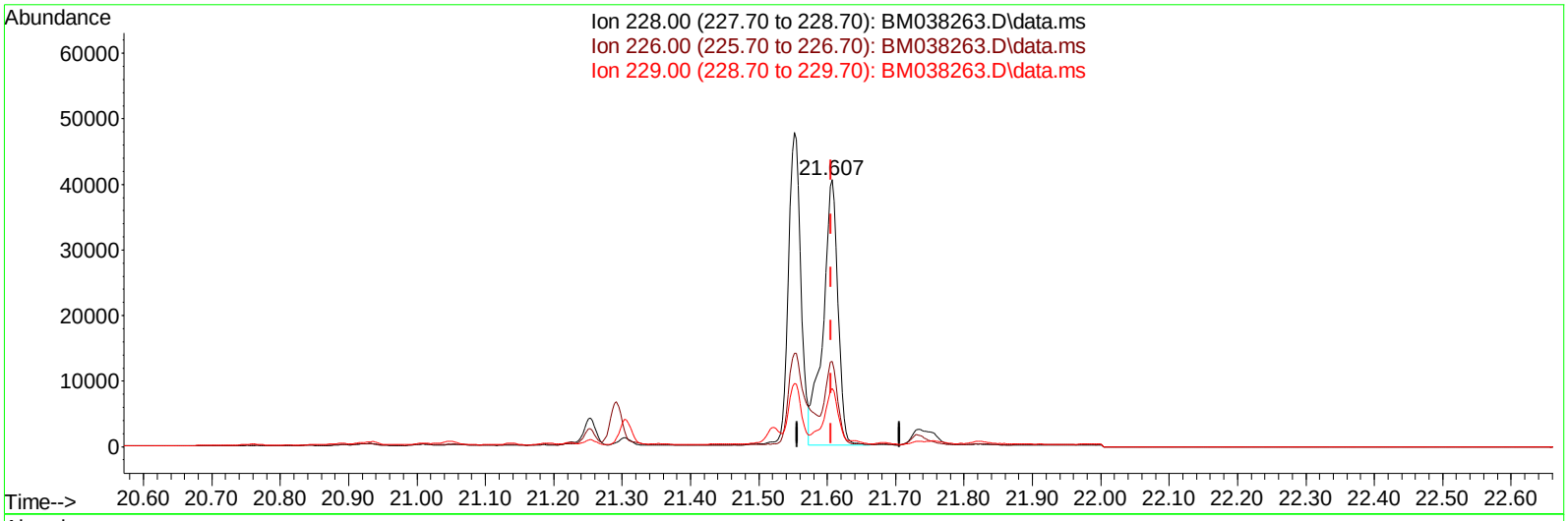
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038263.D
Acq On : 24 Dec 2022 10:08
Operator : CG/JU
Sample : N6015-18DL 5X
Misc :
ALS Vial : 71 Sample Multiplier: 1

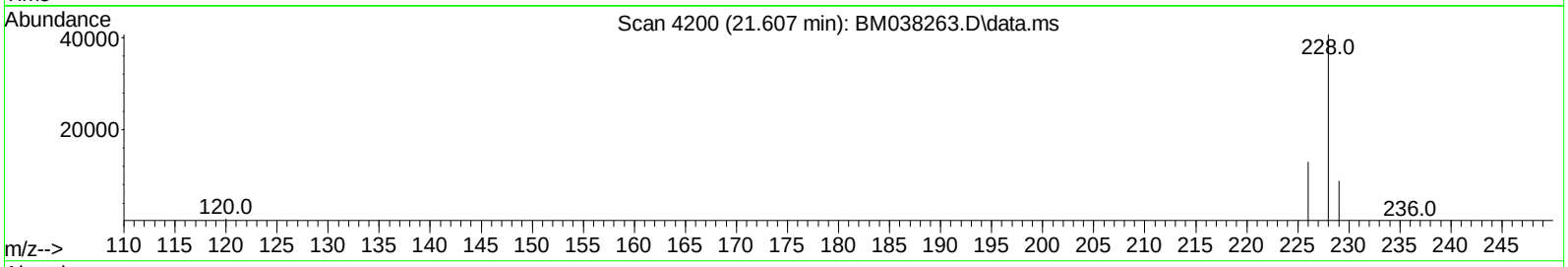
Quant Time: Dec 25 02:55:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration

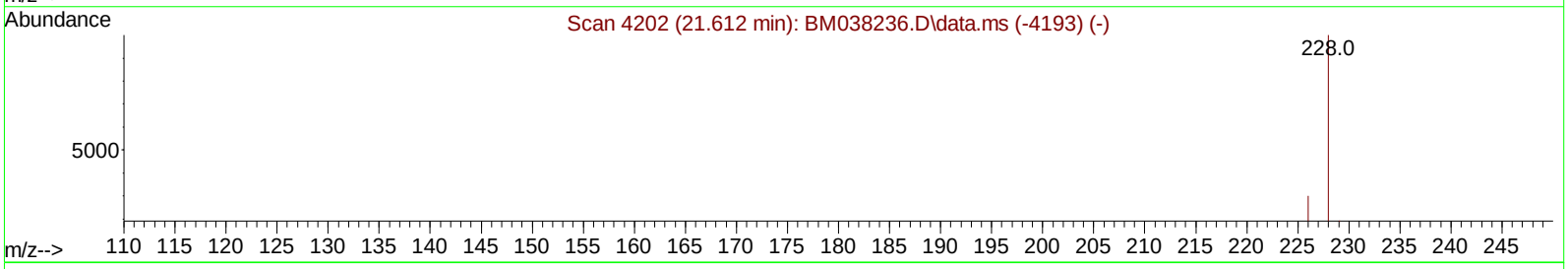
**Instrument :**
BNA_M
**ClientSampleId :**
DBXY7DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022




TIC: BM038263.D\data.ms

**(22) Chrysene**

**21.607min (+ 0.001) 1.31 ng/ul m**

**response 61421**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 31.20 | 31.94 |
| 229.00 | 20.00 | 21.81 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

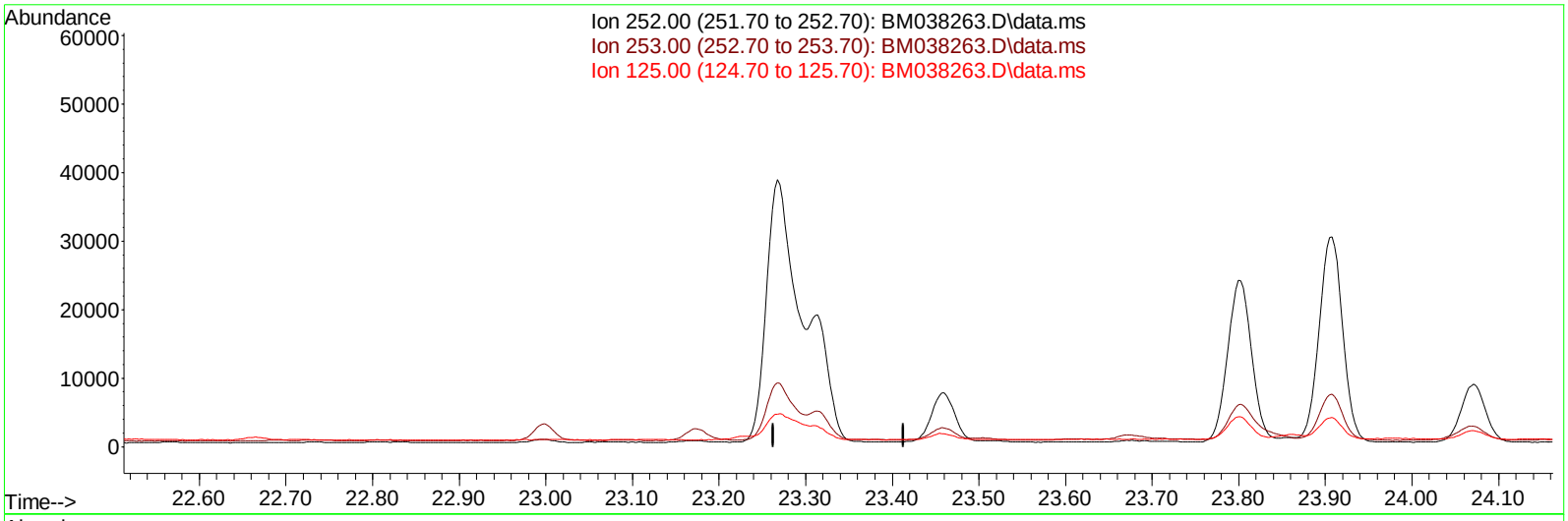
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038263.D
Acq On : 24 Dec 2022 10:08
Operator : CG/JU
Sample : N6015-18DL 5X
Misc :
ALS Vial : 71 Sample Multiplier: 1

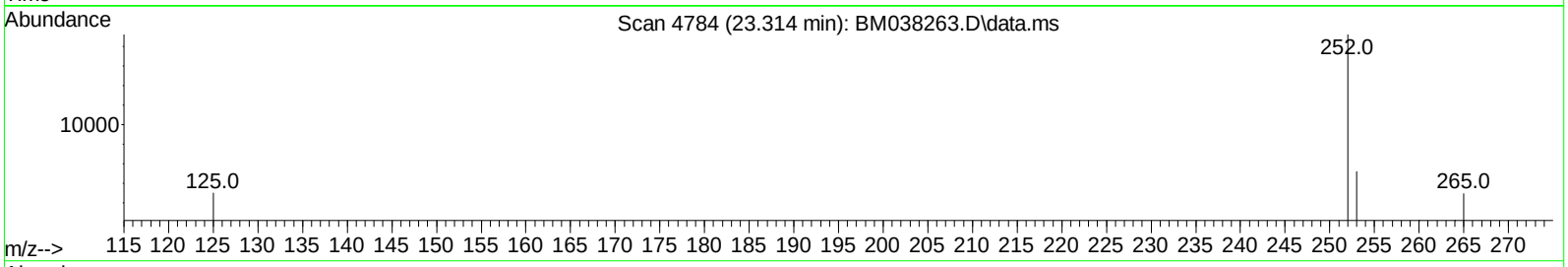
Quant Time: Dec 25 02:55:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration

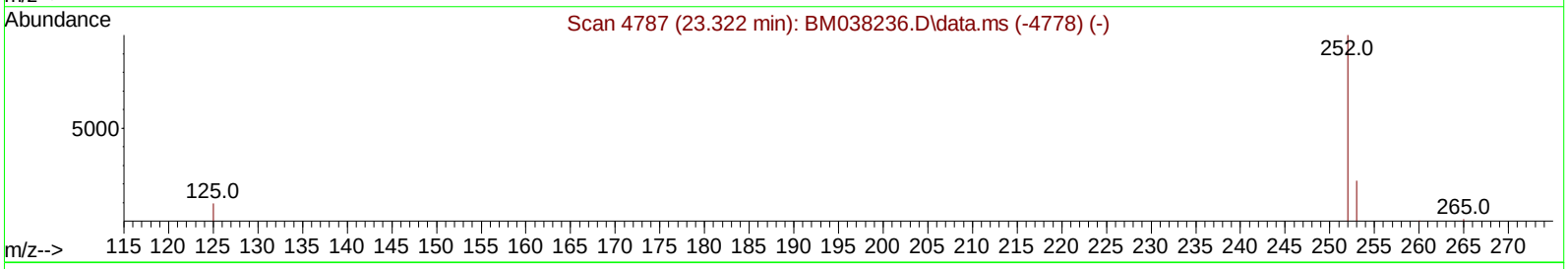
**Instrument :**
BNA_M
**ClientSampleId :**
DBXY7DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022




TIC: BM038263.D\data.ms

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

**23.313min (-23.313) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 0.00 |
| 253.00 | 28.10 | 0.00# |
| 125.00 | 18.00 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

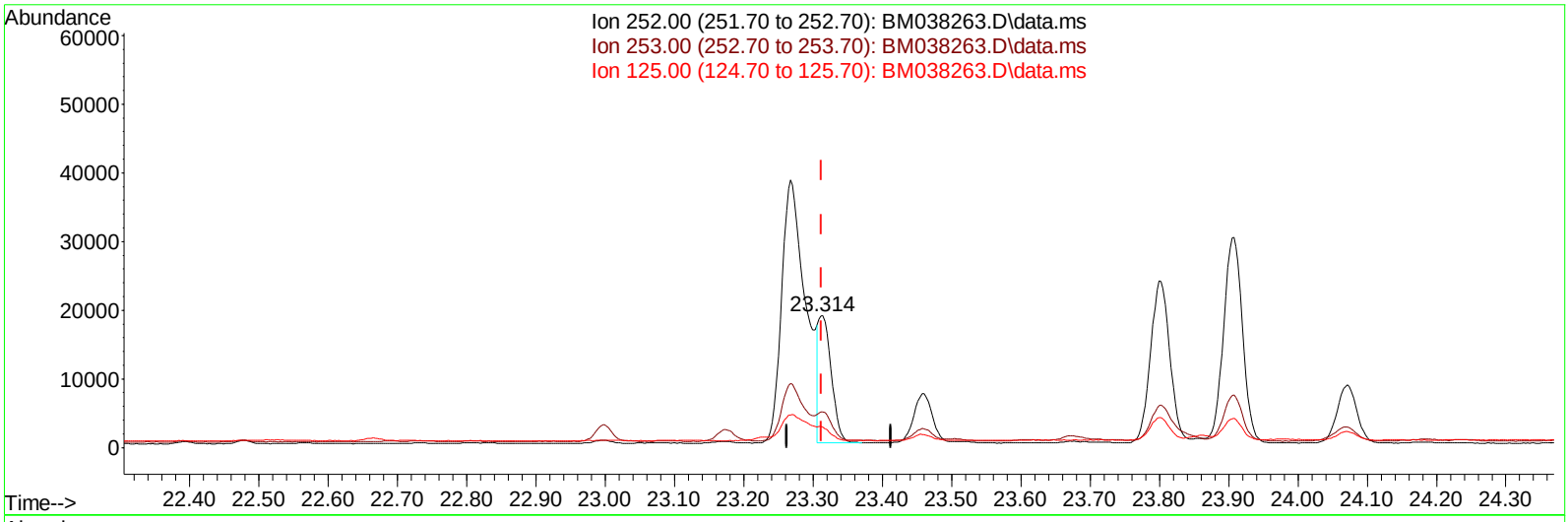
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038263.D
Acq On : 24 Dec 2022 10:08
Operator : CG/JU
Sample : N6015-18DL 5X
Misc :
ALS Vial : 71 Sample Multiplier: 1

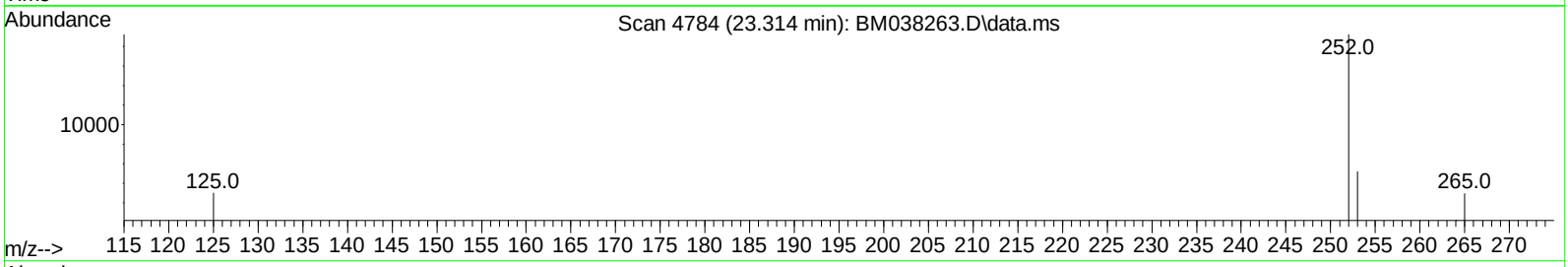
Quant Time: Dec 25 02:55:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration

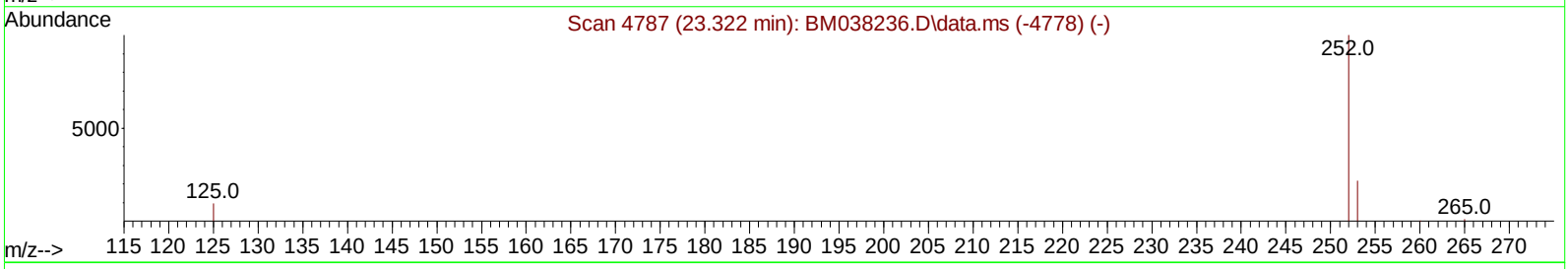
**Instrument :**
BNA_M
**ClientSampleId :**
DBXY7DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022




TIC: BM038263.D\data.ms

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

**23.314min (+ 0.001) 0.50 ng/ul m**

**response 24031**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10 | 27.14 |
| 125.00 | 18.00 | 15.54 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038263.D
Acq On : 24 Dec 2022 10:08
Operator : CG/JU
Sample : N6015-18DL 5X
Misc :
ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 25 02:55:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBXY7DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.030 | 152 | 4904 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.841 | 136 | 14520 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.658 | 164 | 8215 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.397 | 188 | 16463 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.569 | 240 | 10991 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.019 | 264 | 11321 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.394 | 96 | 6484 | 1.300 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.425 | 152 | 1939 | 0.091 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.419 | 212 | 3620 | 0.088 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.891 | 128 | 11530 | 0.271 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.496 | 142 | 2432 | 0.092 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.716 | 142 | 1353 | 0.050 | ng/ul | 97 |
| 10) Acenaphthylene | 14.380 | 152 | 12520 | 0.276 | ng/ul | 99 |
| 11) Acenaphthene | 14.718 | 153 | 2725 | 0.084 | ng/ul | 97 |
| 12) Fluorene | 15.703 | 166 | 2682 | 0.076 | ng/ul# | 98 |
| 15) Phenanthrene | 17.439 | 178 | 55404 | 1.006 | ng/ul | 99 |
| 16) Anthracene | 17.532 | 178 | 14179 | 0.268 | ng/ul | 99 |
| 19) Fluoranthene | 19.446 | 202 | 138604 | 2.302 | ng/ul | 98 |
| 20) Pyrene | 19.809 | 202 | 108080m | 1.776 | ng/ul | |
| 21) Benzo(a)anthracene | 21.552 | 228 | 59630 | 1.237 | ng/ul | 97 |
| 22) Chrysene | 21.607 | 228 | 61421m | 1.309 | ng/ul | |
| 24) Benzo(b)fluoranthene | 23.267 | 252 | 91229 | 1.821 | ng/ul | 90 |
| 25) Benzo(k)fluoranthene | 23.314 | 252 | 24031m | 0.499 | ng/ul | |
| 26) Benzo(a)pyrene | 23.908 | 252 | 57535 | 1.316 | ng/ul# | 88 |
| 27) Indeno(1,2,3-cd)pyrene | 26.570 | 276 | 44452 | 0.733 | ng/ul# | 88 |
| 28) Dibenzo(a,h)anthracene | 26.577 | 278 | 11218 | 0.238 | ng/ul# | 85 |
| 29) Benzo(g,h,i)perylene | 27.362 | 276 | 45237 | 0.886 | ng/ul | 96 |

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

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