Quantitation Report (Qedit)

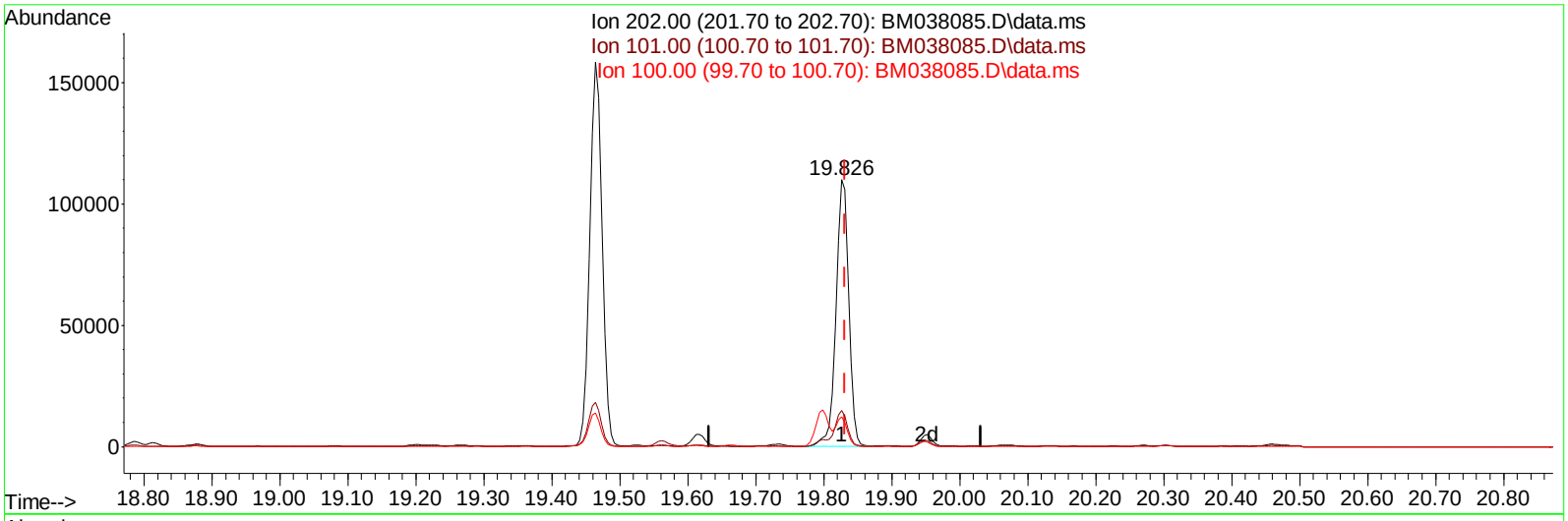
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038085.D
Acq On : 17 Dec 2022 02:17
Operator : CG/JU
Sample : N5925-24
Misc :
ALS Vial : 66 Sample Multiplier: 1

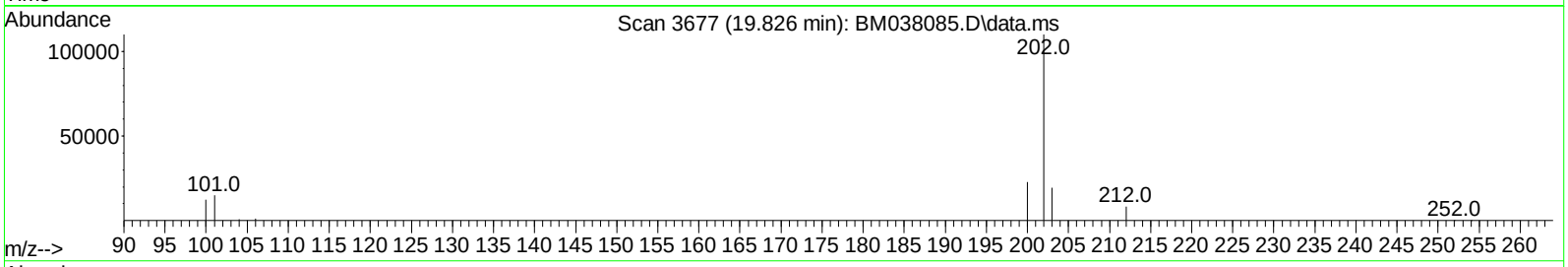
Quant Time: Dec 17 03:43:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration

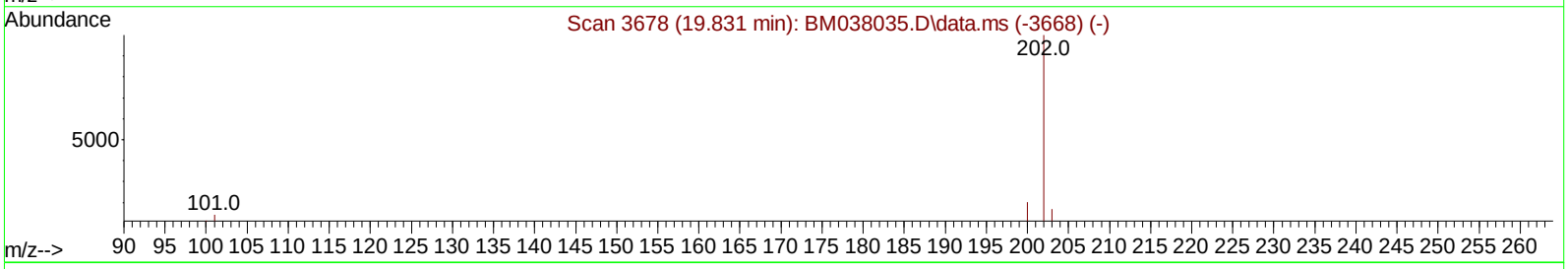
**Instrument :**
BNA_M
**ClientSampleId :**
DBYG6

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022




TIC: BM038085.D\data.ms

**(20) Pyrene**

**19.826min (-0.005) 1.75 ng/ul**

**response 143616**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.10 | 13.48 |
| 100.00 | 12.20 | 11.16 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**ClientSampleId :**
DBYG6

**Manual IntegrationsAPPROVED**

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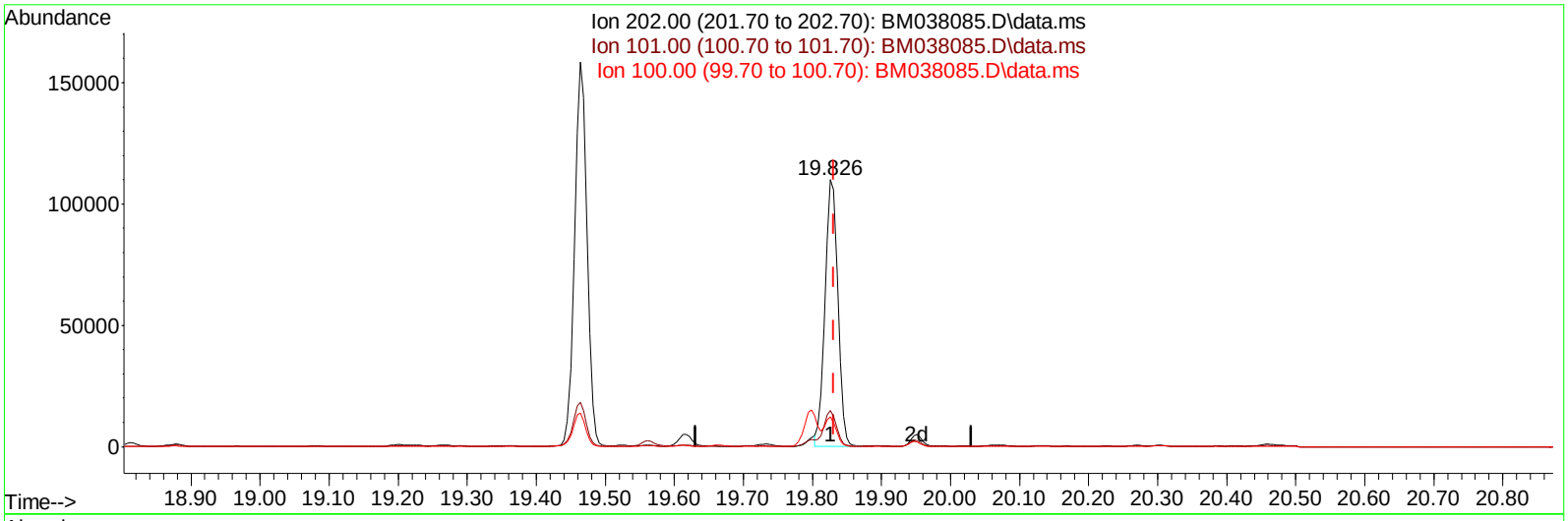


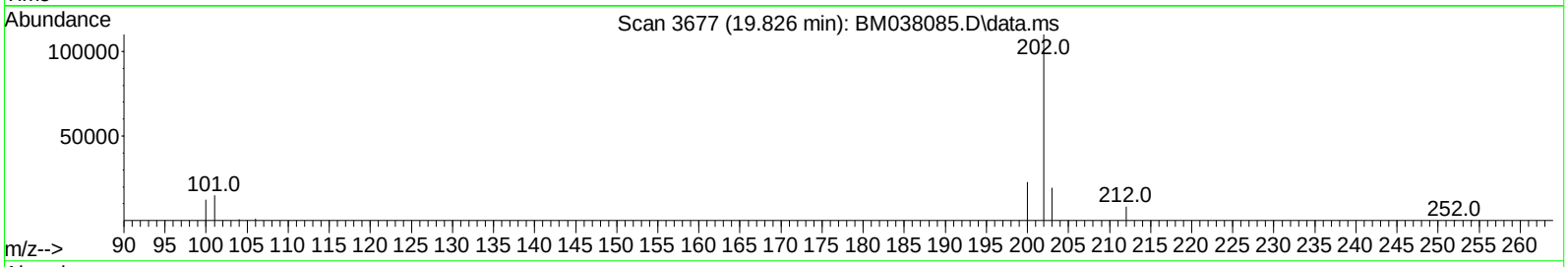


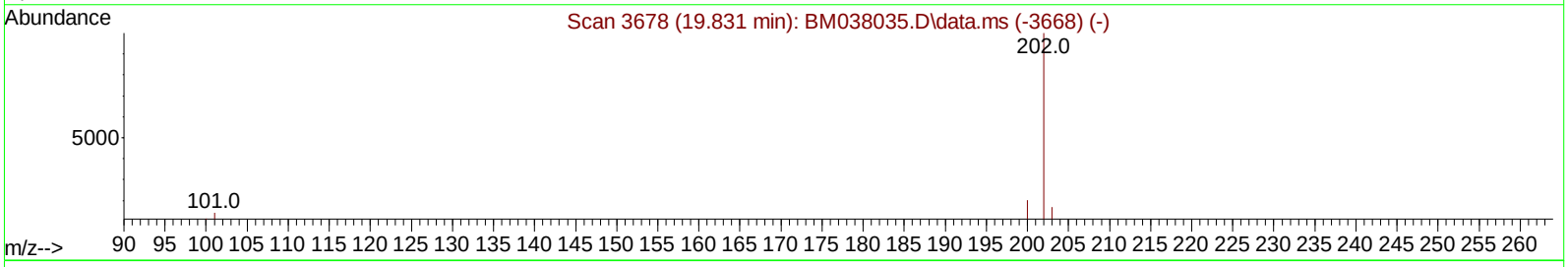


TIC: BM038085.D\data.ms

**(20) Pyrene**

**19.826min (-0.005) 1.71 ng/ul m**

**response 140028**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.10 | 13.48 |
| 100.00 | 12.20 | 11.16 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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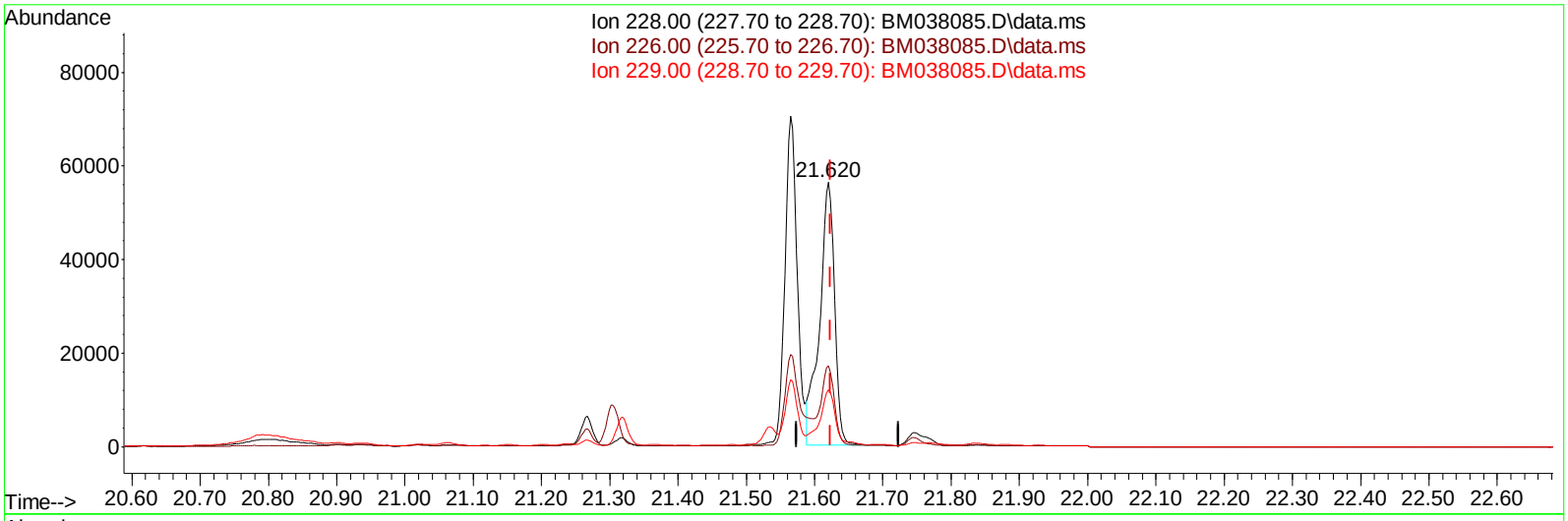
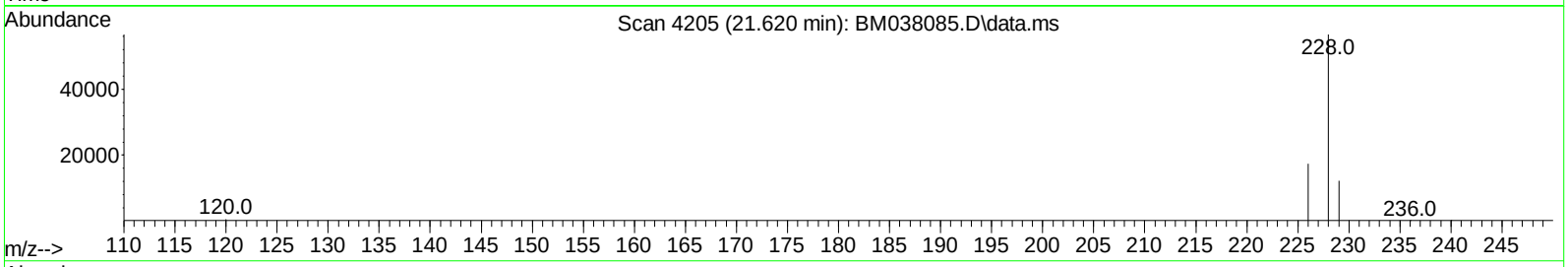
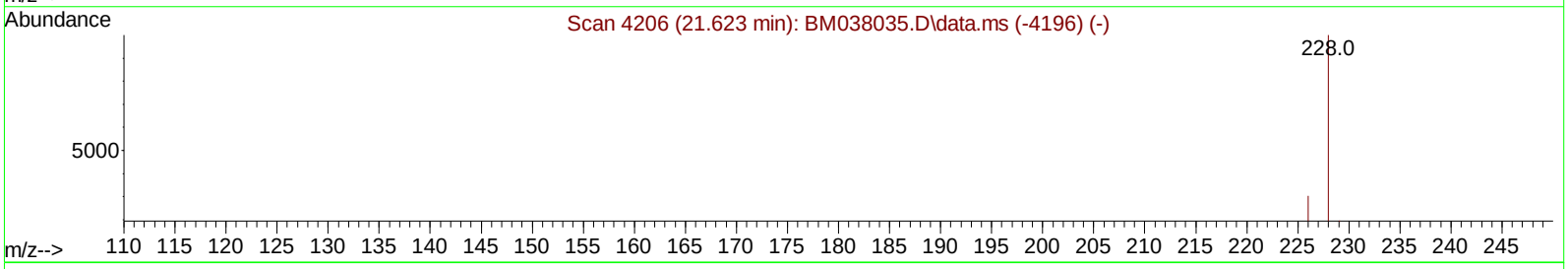



TIC: BM038085.D\data.ms

**(22) Chrysene**

**21.620min (-0.003) 1.26 ng/ul**

**response 85570**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 30.10 | 30.64 |
| 229.00 | 19.60 | 21.52 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

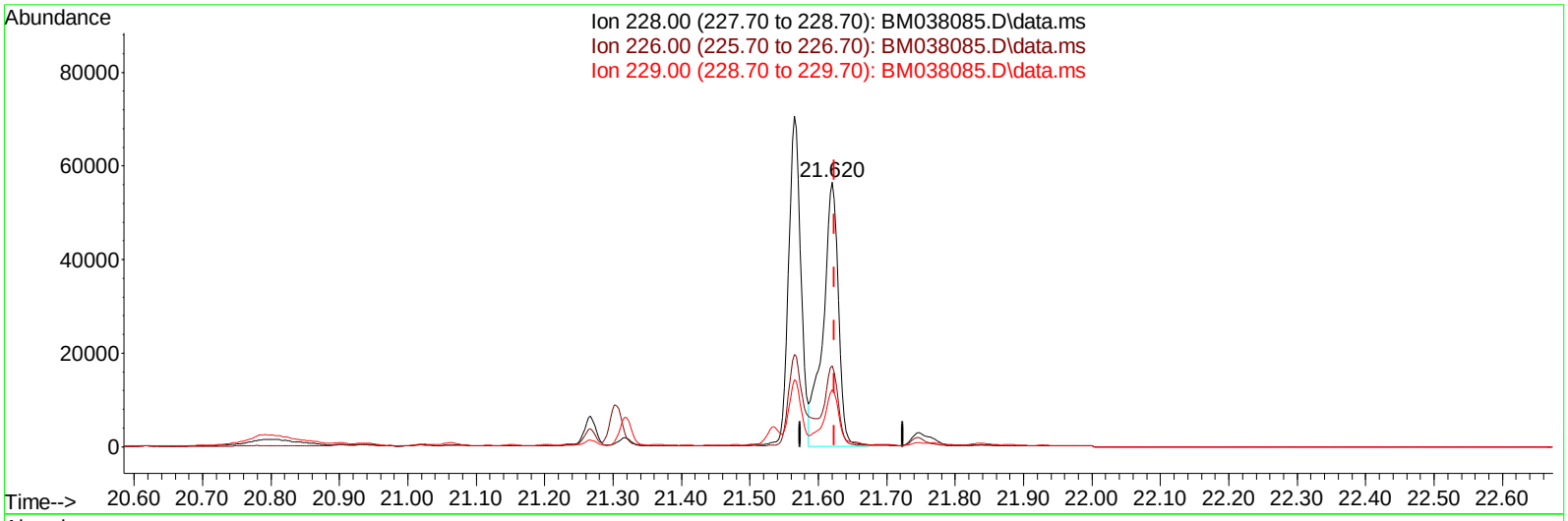
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038085.D
Acq On : 17 Dec 2022 02:17
Operator : CG/JU
Sample : N5925-24
Misc :
ALS Vial : 66 Sample Multiplier: 1

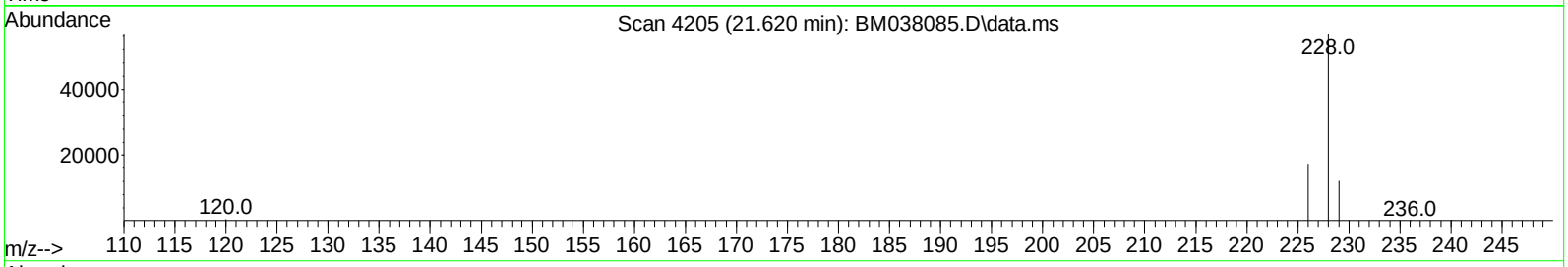
Quant Time: Dec 17 03:43:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration

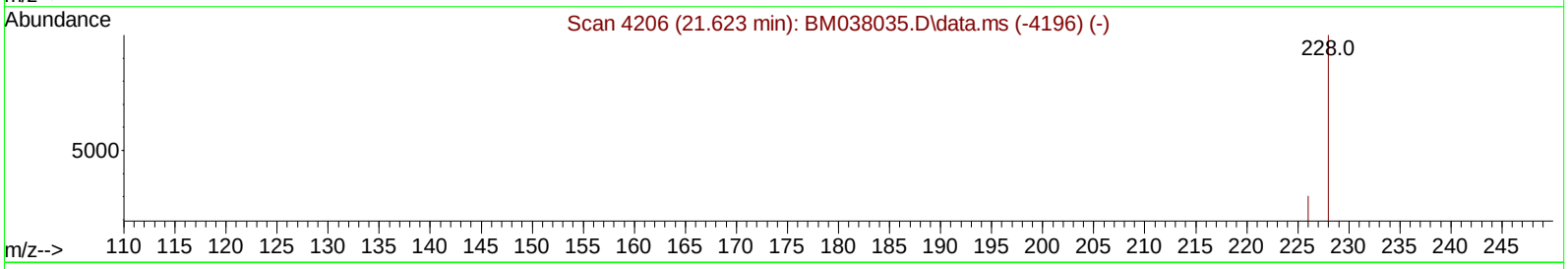
**Instrument :**
BNA_M
**ClientSampleId :**
DBYG6

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022




TIC: BM038085.D\data.ms

**(22) Chrysene**

**21.620min (-0.003) 1.30 ng/ul m**

**response 88327**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 30.10 | 30.64 |
| 229.00 | 19.60 | 21.52 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

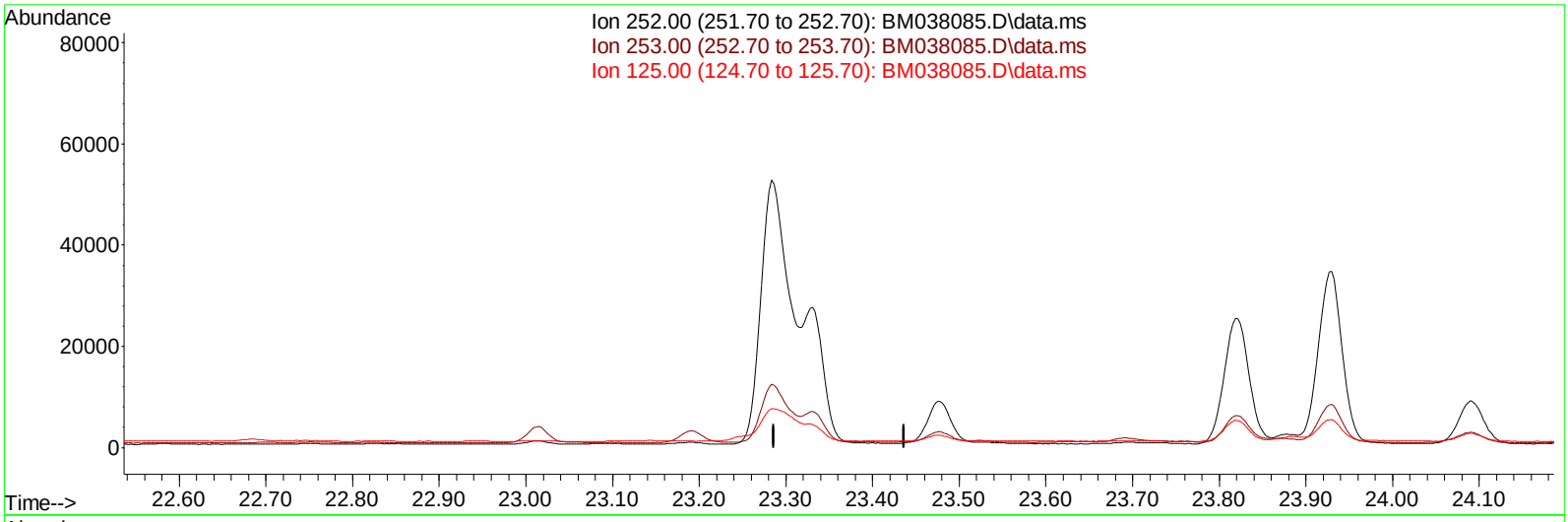
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038085.D
Acq On : 17 Dec 2022 02:17
Operator : CG/JU
Sample : N5925-24
Misc :
ALS Vial : 66 Sample Multiplier: 1

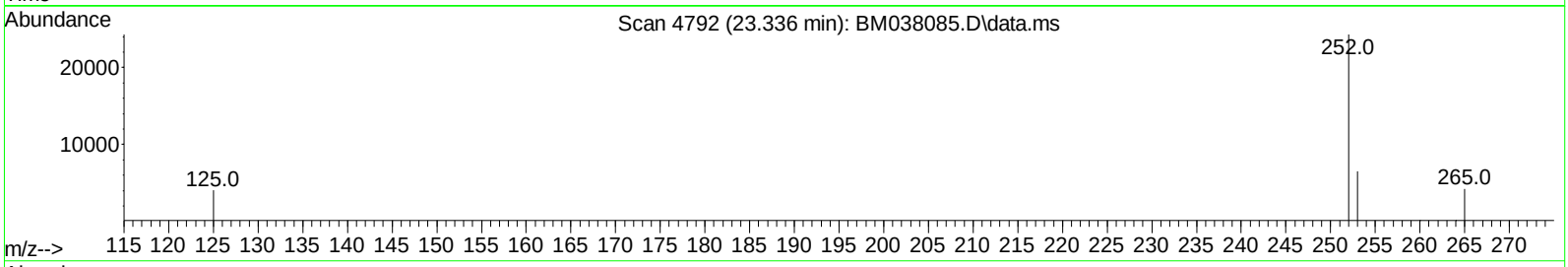
Quant Time: Dec 17 03:43:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration

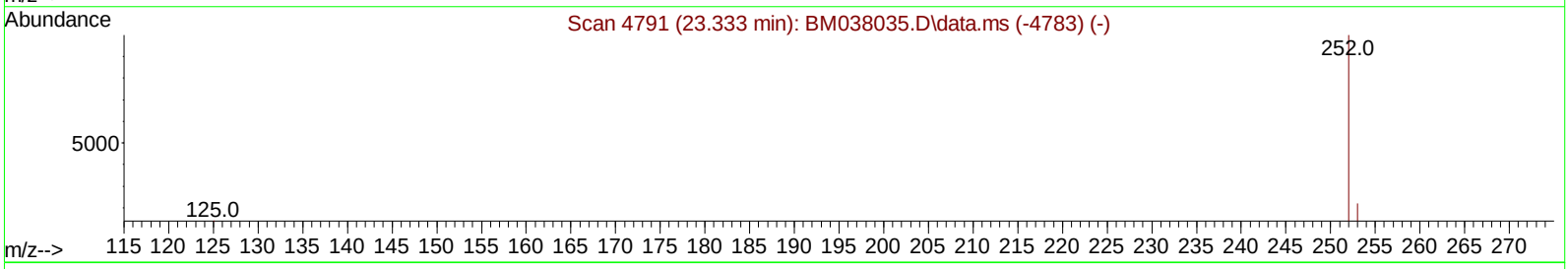
**Instrument :**
BNA_M
**ClientSampleId :**
DBYG6

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022




TIC: BM038085.D\data.ms

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

**23.336min (-23.336) 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)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038085.D
Acq On : 17 Dec 2022 02:17
Operator : CG/JU
Sample : N5925-24
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Dec 17 03:43:37 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 : Thu Dec 15 21:53:17 2022
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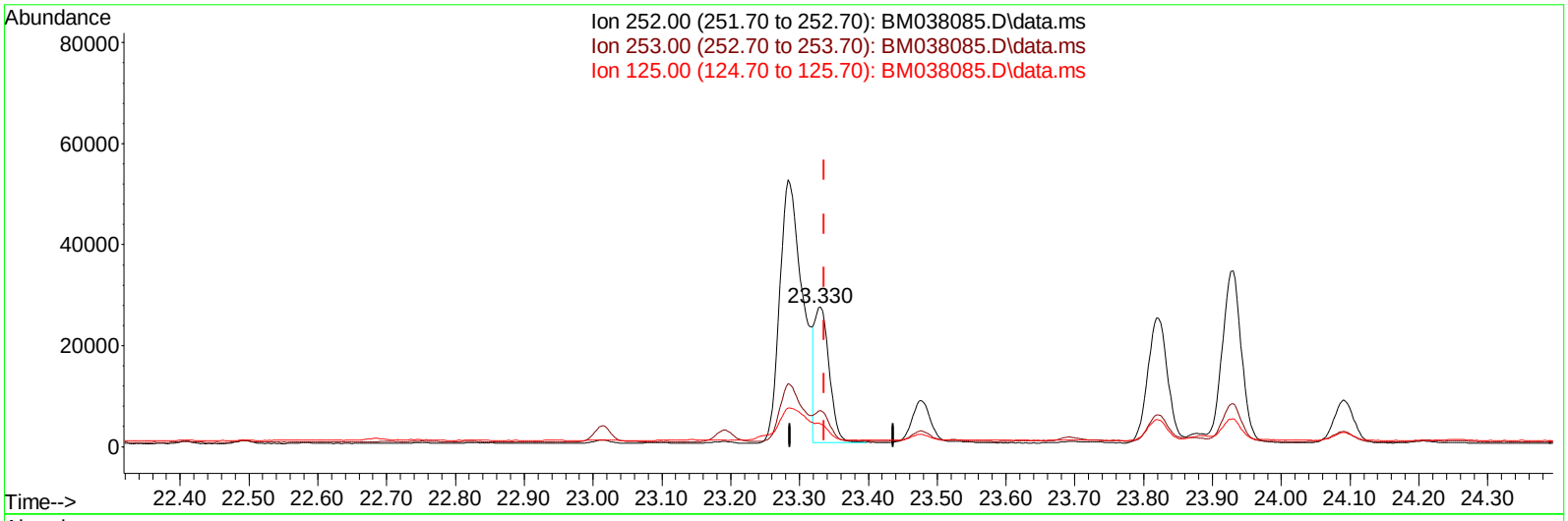
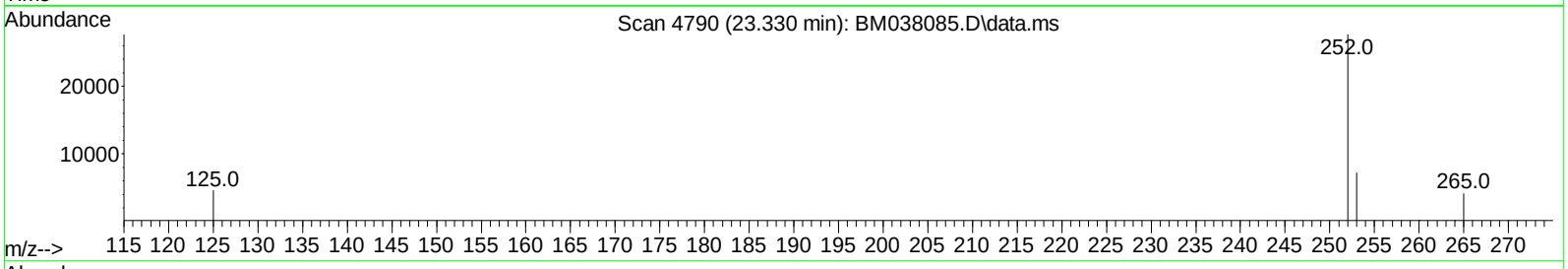
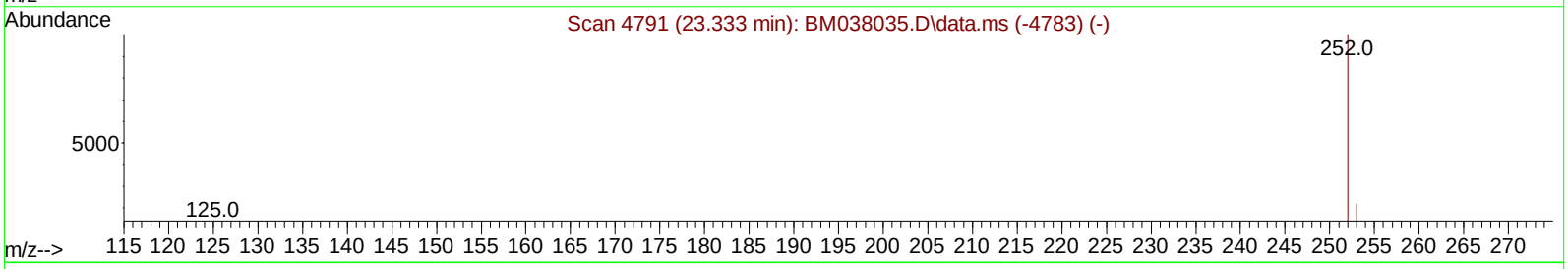
**Instrument :**
BNA_M
**ClientSampleId :**
DBYG6

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022




TIC: BM038085.D\data.ms

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

**23.330min (-0.006) 0.59 ng/ul m**

**response 39724**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00 | 26.02 |
| 125.00 | 21.40 | 16.57# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038085.D
Acq On : 17 Dec 2022 02:17
Operator : CG/JU
Sample : N5925-24
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Dec 17 03:43:37 2022
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**Instrument :**
BNA_M
**ClientSampleId :**
DBYG6

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.055 | 152 | 5147 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.867 | 136 | 16345 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.680 | 164 | 9404 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.417 | 188 | 19866 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.582 | 240 | 15573 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.038 | 264 | 14651 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.406 | 96 | 26001 | 3.696 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.445 | 152 | 6503 | 0.273 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.436 | 212 | 14643 | 0.259 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.916 | 128 | 12133 | 0.245 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.522 | 142 | 2495 | 0.082 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.737 | 142 | 1102 | 0.035 | ng/ul | 98 |
| 10) Acenaphthylene | 14.402 | 152 | 13353 | 0.271 | ng/ul | 98 |
| 11) Acenaphthene | 14.740 | 153 | 1668 | 0.045 | ng/ul | 97 |
| 12) Fluorene | 15.725 | 166 | 3991 | 0.096 | ng/ul | 99 |
| 14) Pentachlorophenol | 17.067 | 266 | 426 | 0.052 | ng/ul | 97 |
| 15) Phenanthrene | 17.459 | 178 | 87715 | 1.311 | ng/ul | 99 |
| 16) Anthracene | 17.548 | 178 | 18271 | 0.295 | ng/ul | 97 |
| 19) Fluoranthene | 19.464 | 202 | 200713 | 2.495 | ng/ul | 96 |
| 20) Pyrene | 19.826 | 202 | 140028m | 1.705 | ng/ul | |
| 21) Benzo(a)anthracene | 21.565 | 228 | 87024 | 1.293 | ng/ul | 99 |
| 22) Chrysene | 21.620 | 228 | 88327m | 1.301 | ng/ul | |
| 24) Benzo(b)fluoranthene | 23.284 | 252 | 120909 | 1.740 | ng/ul | 91 |
| 25) Benzo(k)fluoranthene | 23.330 | 252 | 39724m | 0.592 | ng/ul | |
| 26) Benzo(a)pyrene | 23.930 | 252 | 66034 | 1.128 | ng/ul# | 88 |
| 27) Indeno(1,2,3-cd)pyrene | 26.599 | 276 | 48311 | 0.658 | ng/ul# | 86 |
| 28) Dibenzo(a,h)anthracene | 26.609 | 278 | 13073 | 0.228 | ng/ul# | 90 |
| 29) Benzo(g,h,i)perylene | 27.394 | 276 | 32540 | 0.522 | ng/ul | 97 |

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

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