Quantitation Report (Qedit)

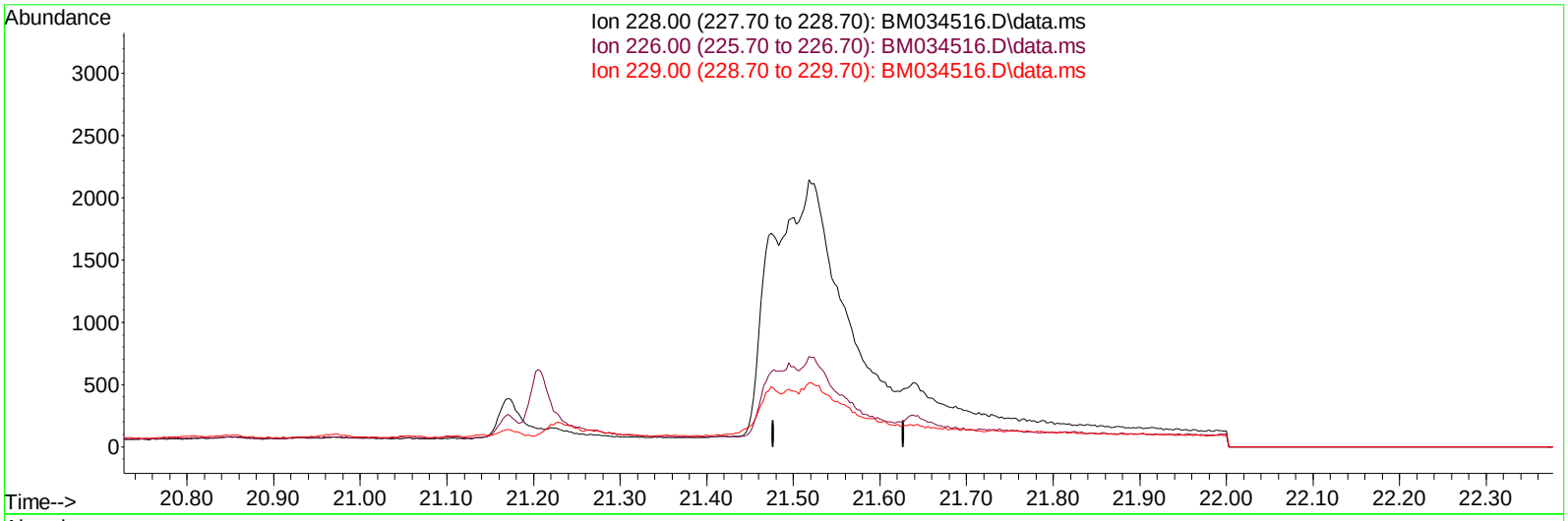
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
Data File : BM034516.D
Acq On : 06 Apr 2022 14:55
Operator : CG/JU
Sample : N2183-05DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

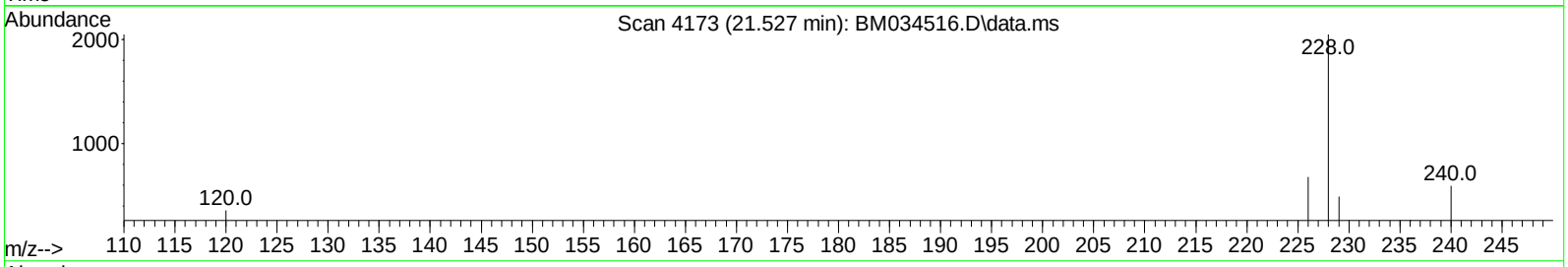
Quant Time: Apr 07 14:31:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 07 12:11:55 2022
Response via : Initial Calibration

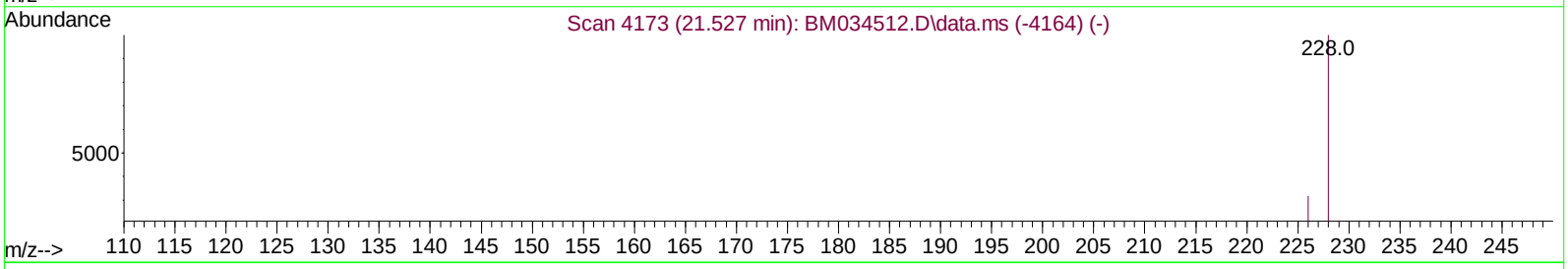
**Instrument :**
BNA_M
**ClientSampleId :**
C0R32DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022




TIC: BM034516.D\data.ms

**(22) Chrysene**

**21.527min (-21.527) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 0.00 |
| 226.00 | 32.30 | 0.00# |
| 229.00 | 20.90 | 0.00# |
| 0.00 | 0.00 | 0.00 |

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**ClientSampleId :**
C0R32DL

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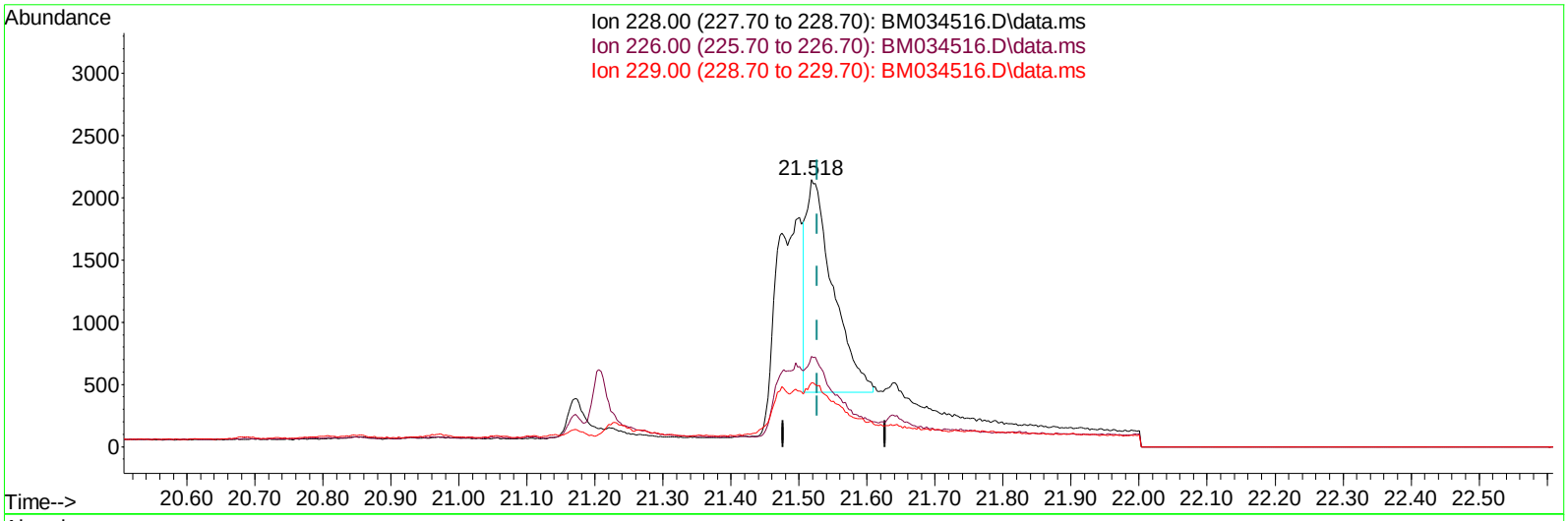


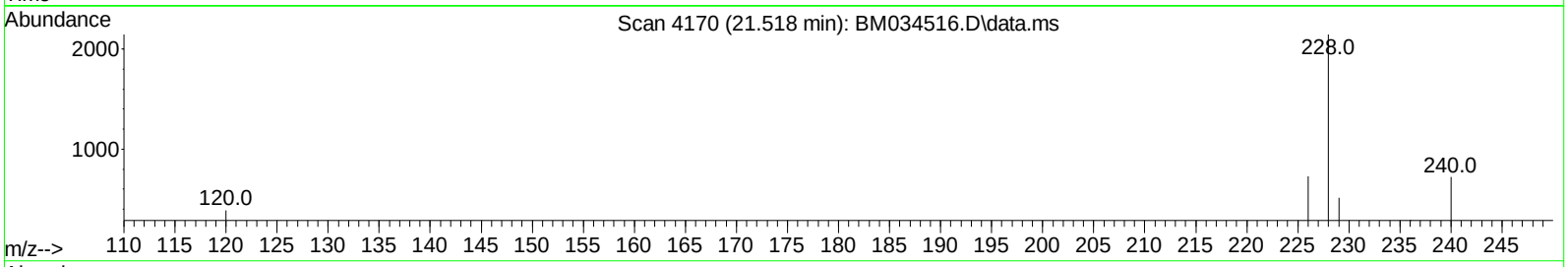


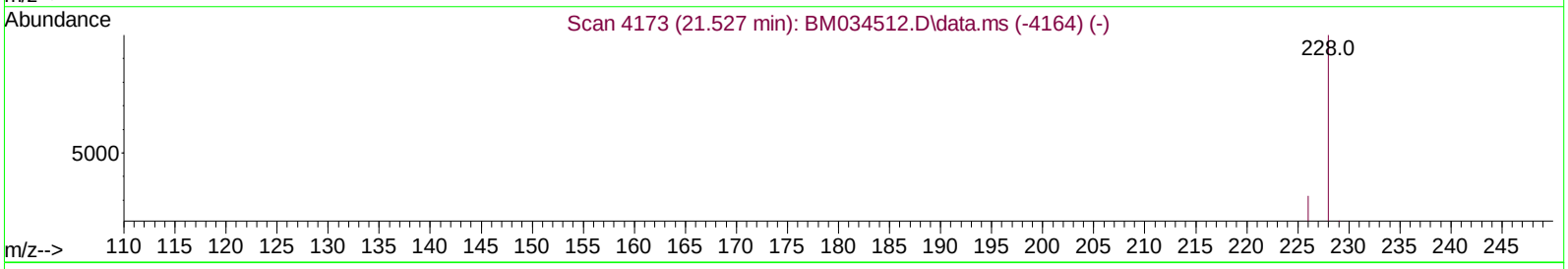


TIC: BM034516.D\data.ms

**(22) Chrysene**

**21.518min (-0.009) 0.43 ng/ul m**

**response 4660**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 32.30 | 33.89 |
| 229.00 | 20.90 | 23.87 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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ALS Vial : 6 Sample Multiplier: 1

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QLast Update : Thu Apr 07 12:11:55 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C0R32DL

**Manual IntegrationsAPPROVED**

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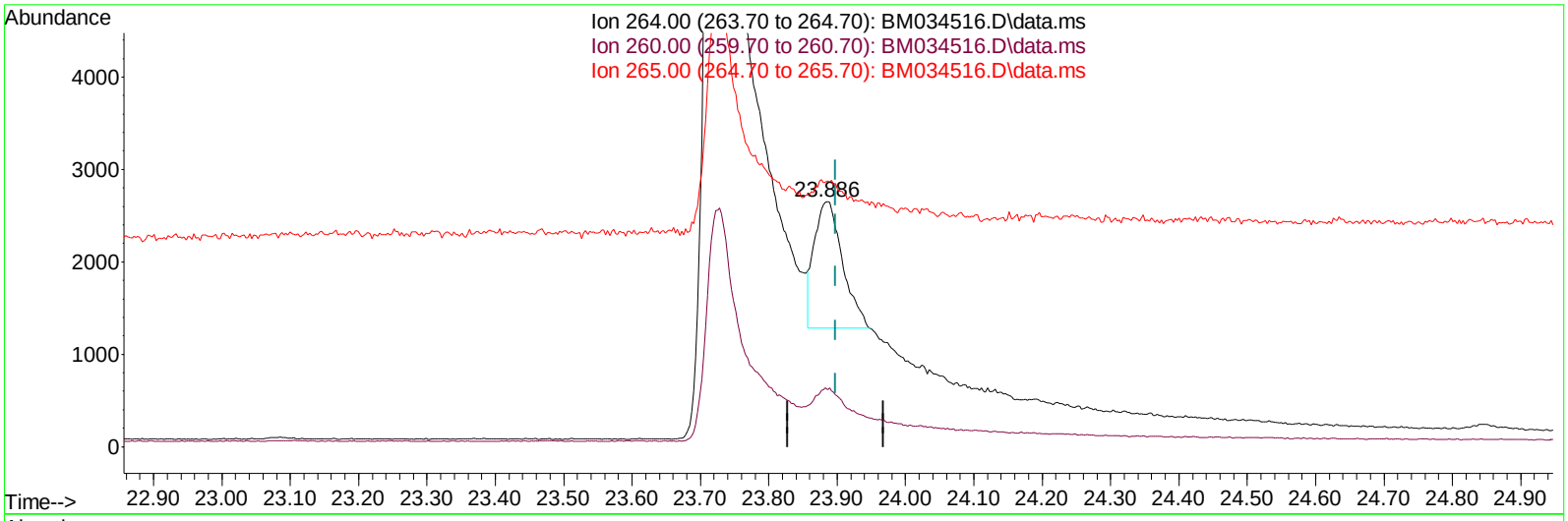


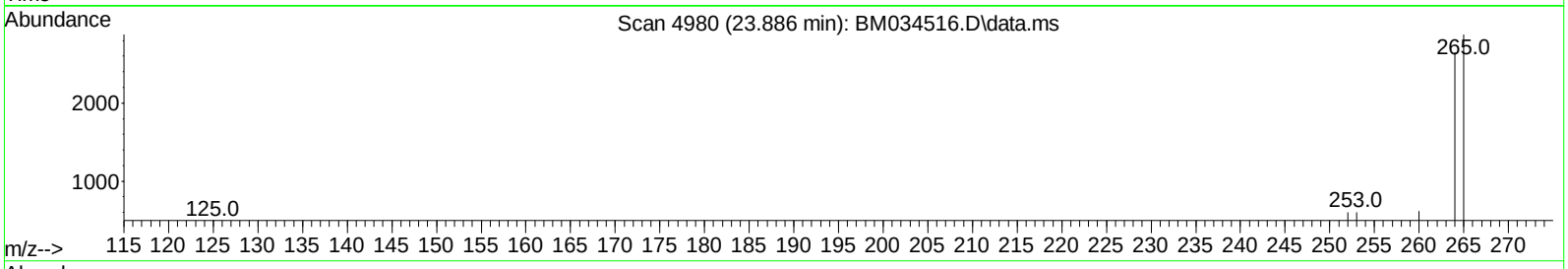


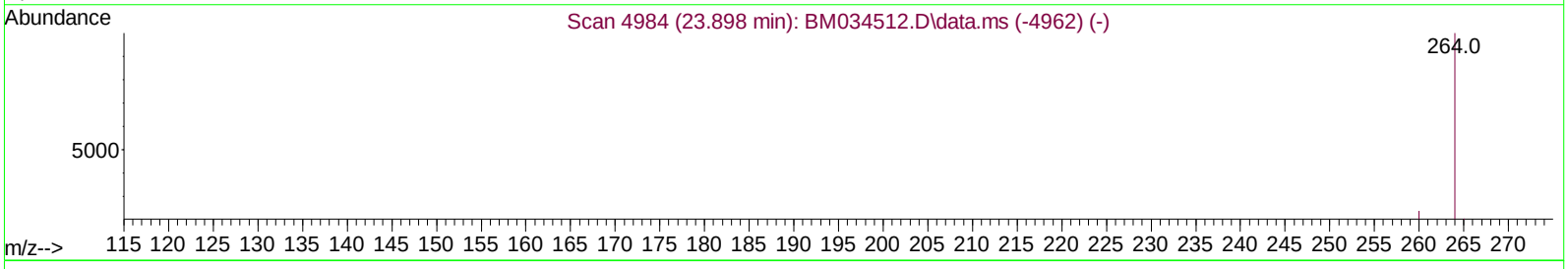


TIC: BM034516.D\data.ms

**(23) Perylene-d12 (I)**

**23.886min (-0.012) 0.40 ng/ul**

**response 3935**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 27.80 | 23.32 |
| 265.00 | 95.30 | 108.44 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
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Acq On : 06 Apr 2022 14:55
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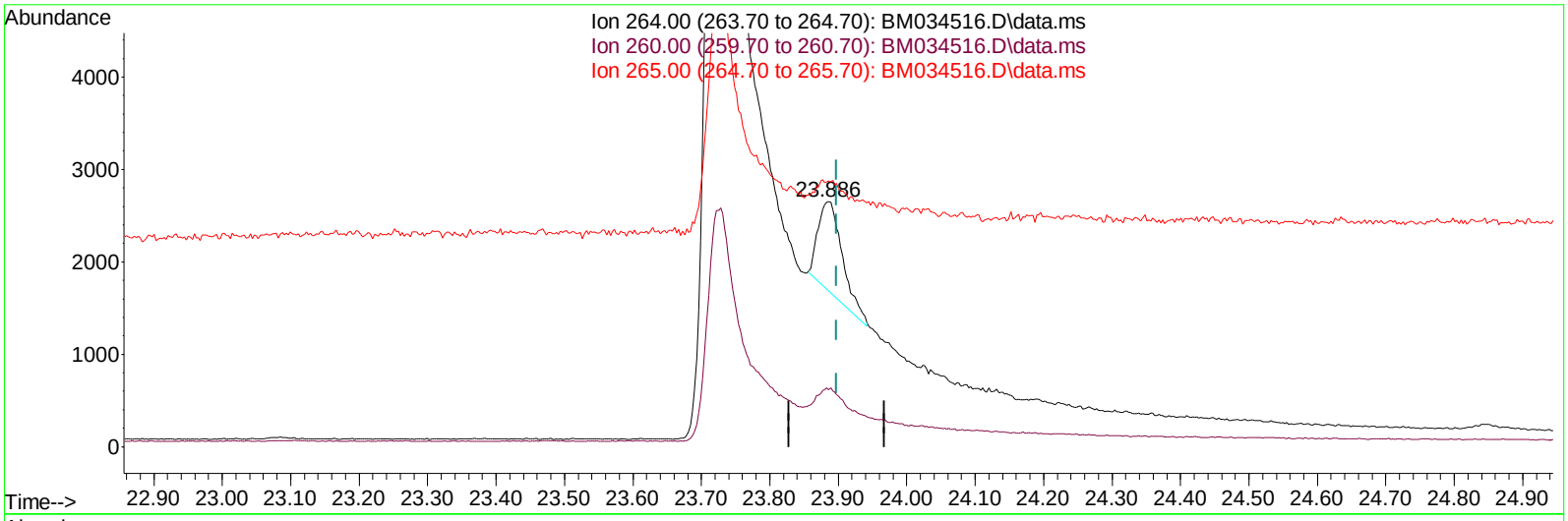
Sample : N2183-05DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

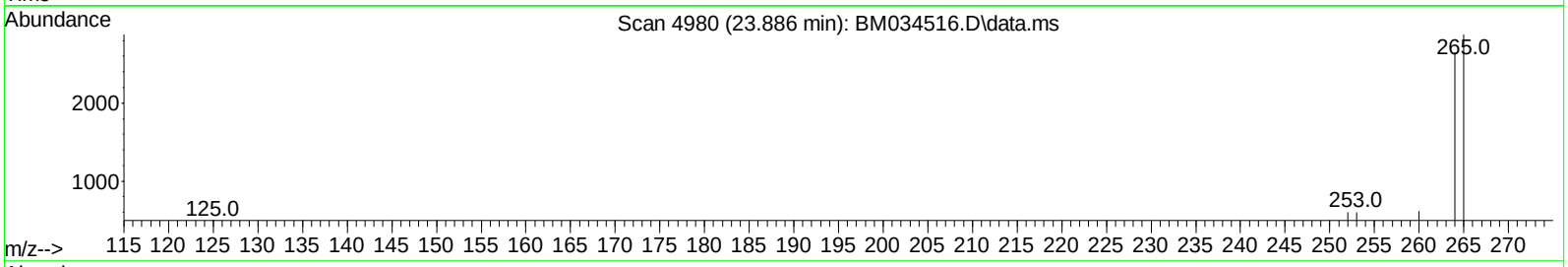
Quant Time: Apr 07 14:31:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 07 12:11:55 2022
Response via : Initial Calibration

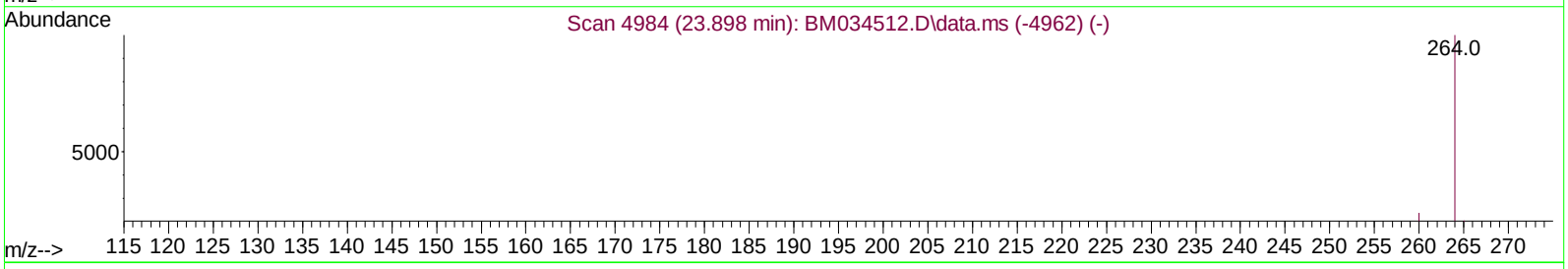
**Instrument :**
BNA_M
**ClientSampleId :**
C0R32DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022




TIC: BM034516.D\data.ms

**(23) Perylene-d12 (I)**

**23.886min (-0.012) 0.40 ng/ul m**

**response 2352**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 27.80 | 23.32 |
| 265.00 | 95.30 | 108.44 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

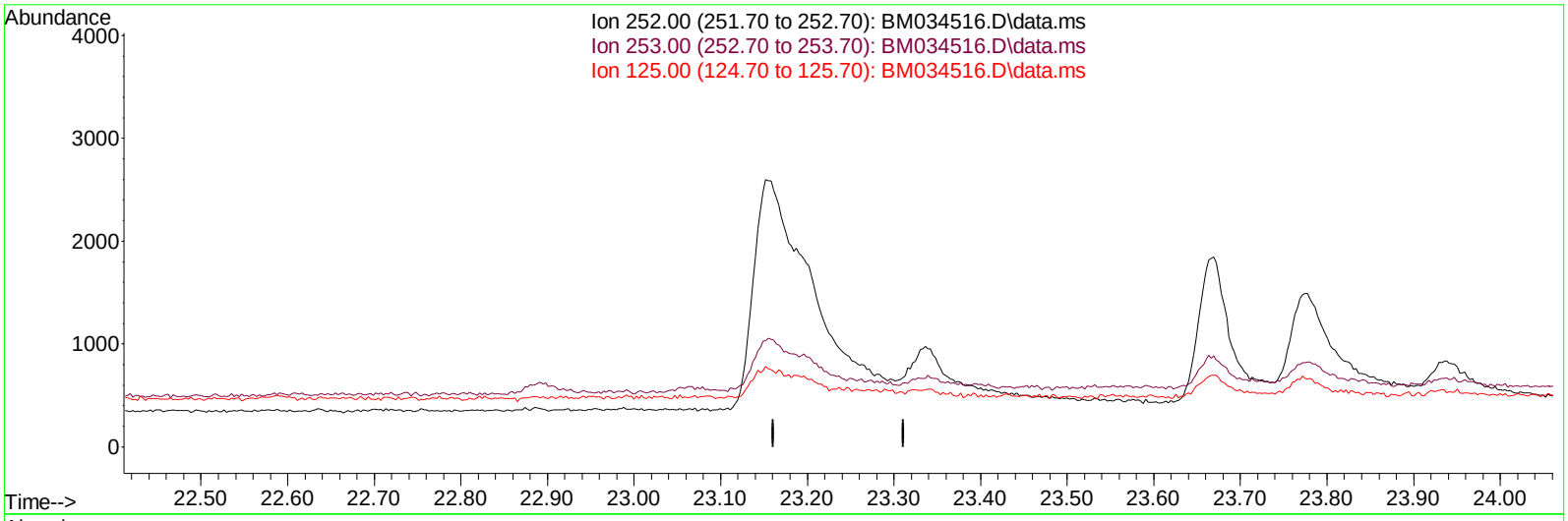
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
Data File : BM034516.D
Acq On : 06 Apr 2022 14:55
Operator : CG/JU
Sample : N2183-05DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

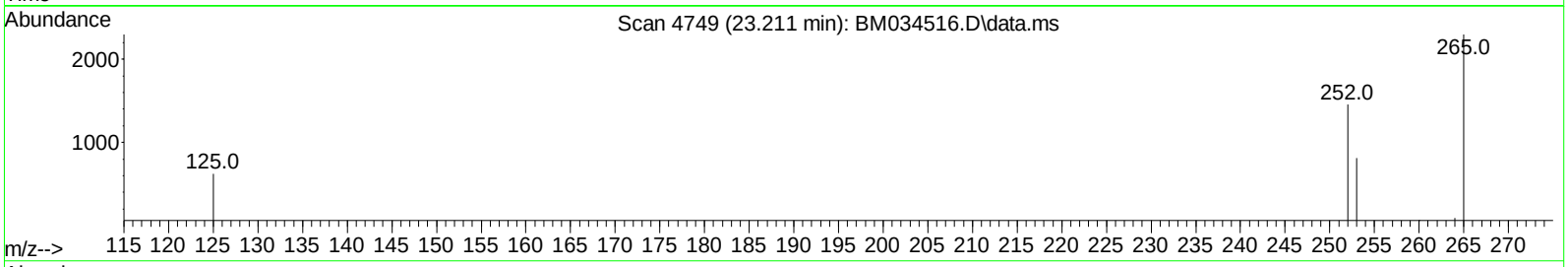
Quant Time: Apr 07 14:31:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 07 12:11:55 2022
Response via : Initial Calibration

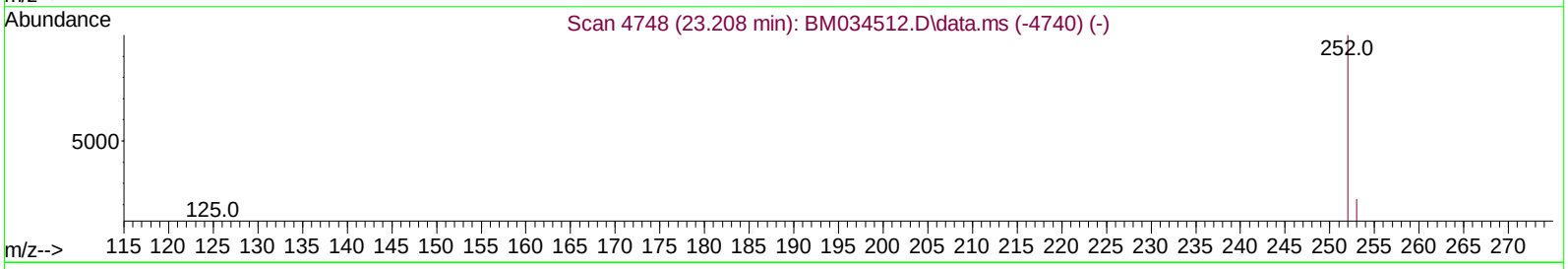
**Instrument :**
BNA_M
**ClientSampleId :**
C0R32DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022




TIC: BM034516.D\data.ms

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

**23.211min (-23.211) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 0.00 |
| 253.00 | 33.50 | 0.00# |
| 125.00 | 15.00 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Operator : CG/JU
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ALS Vial : 6 Sample Multiplier: 1

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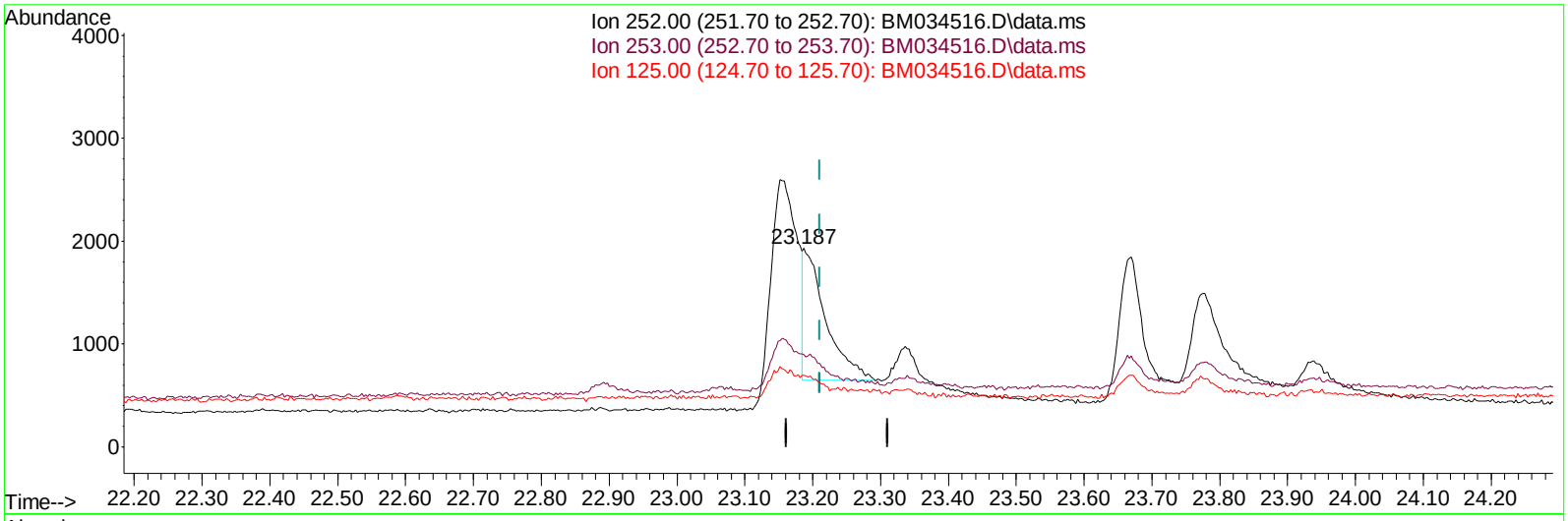
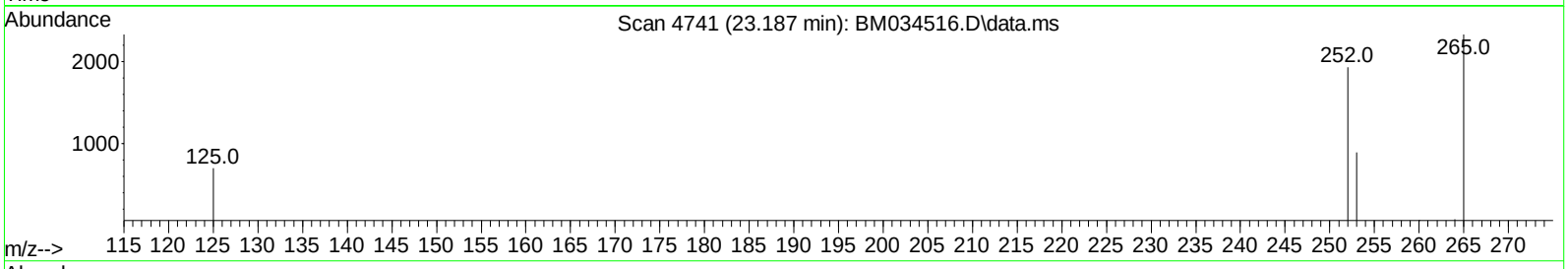
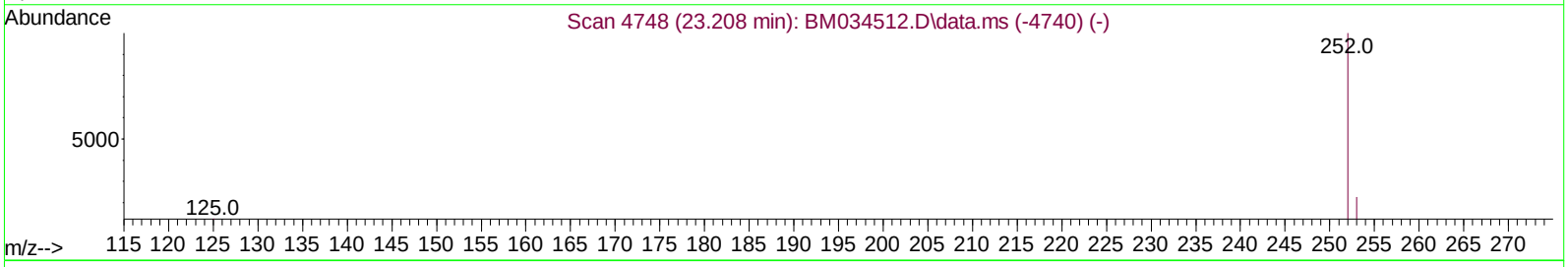
**Instrument :**
BNA_M
**ClientSampleId :**
C0R32DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022




TIC: BM034516.D\data.ms

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

**23.187min (-0.024) 0.43 ng/ul m**

**response 2935**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 33.50 | 46.37# |
| 125.00 | 15.00 | 36.17# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
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Acq On : 06 Apr 2022 14:55
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ALS Vial : 6 Sample Multiplier: 1

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BNA_M
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**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.916 | 152 | 2419 | 0.400 | ng/ul | -0.01 |
| 4) Naphthalene-d8 | 10.729 | 136 | 6471 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.560 | 164 | 3422 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.303 | 188 | 5544 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.486 | 240 | 4208 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.886 | 264 | 2352m | 0.400 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.292 | 96 | 2556 | 0.631 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.352 | 152 | 330 | 0.039 | ng/ul | 0.02 |
| 18) Fluoranthene-d10 | 19.329 | 212 | 734 | 0.059 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.779 | 128 | 665 | 0.033 | ng/ul# | 78 |
| 7) 2-Methylnaphthalene | 12.423 | 142 | 406 | 0.037 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.621 | 142 | 316 | 0.028 | ng/ul | 97 |
| 10) Acenaphthylene | 14.277 | 152 | 1222 | 0.077 | ng/ul | 94 |
| 11) Acenaphthene | 14.620 | 153 | 268 | 0.021 | ng/ul# | 87 |
| 12) Fluorene | 15.610 | 166 | 356 | 0.027 | ng/ul# | 91 |
| 15) Phenanthrene | 17.341 | 178 | 5788 | 0.321 | ng/ul | 98 |
| 16) Anthracene | 17.438 | 178 | 1640 | 0.120 | ng/ul# | 89 |
| 19) Fluoranthene | 19.357 | 202 | 15573 | 0.882 | ng/ul | 100 |
| 20) Pyrene | 19.715 | 202 | 14198 | 0.688 | ng/ul# | 93 |
| 21) Benzo(a)anthracene | 21.501 | 228 | 4794 | 0.524 | ng/ul# | 91 |
| 22) Chrysene | 21.518 | 228 | 4660m | 0.431 | ng/ul | |
| 24) Benzo(b)fluoranthene | 23.152 | 252 | 6015 | 0.782 | ng/ul# | 79 |
| 25) Benzo(k)fluoranthene | 23.187 | 252 | 2935m | 0.428 | ng/ul | |
| 26) Benzo(a)pyrene | 23.778 | 252 | 2759 | 0.307 | ng/ul# | 65 |
| 27) Indeno(1,2,3-cd)pyrene | 26.401 | 276 | 2456 | 0.227 | ng/ul# | 92 |
| 28) Dibenzo(a,h)anthracene | 26.414 | 278 | 460 | 0.058 | ng/ul# | 1 |
| 29) Benzo(g,h,i)perylene | 27.169 | 276 | 1957 | 0.167 | ng/ul# | 70 |

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

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