Quantitation Report (Qedit)

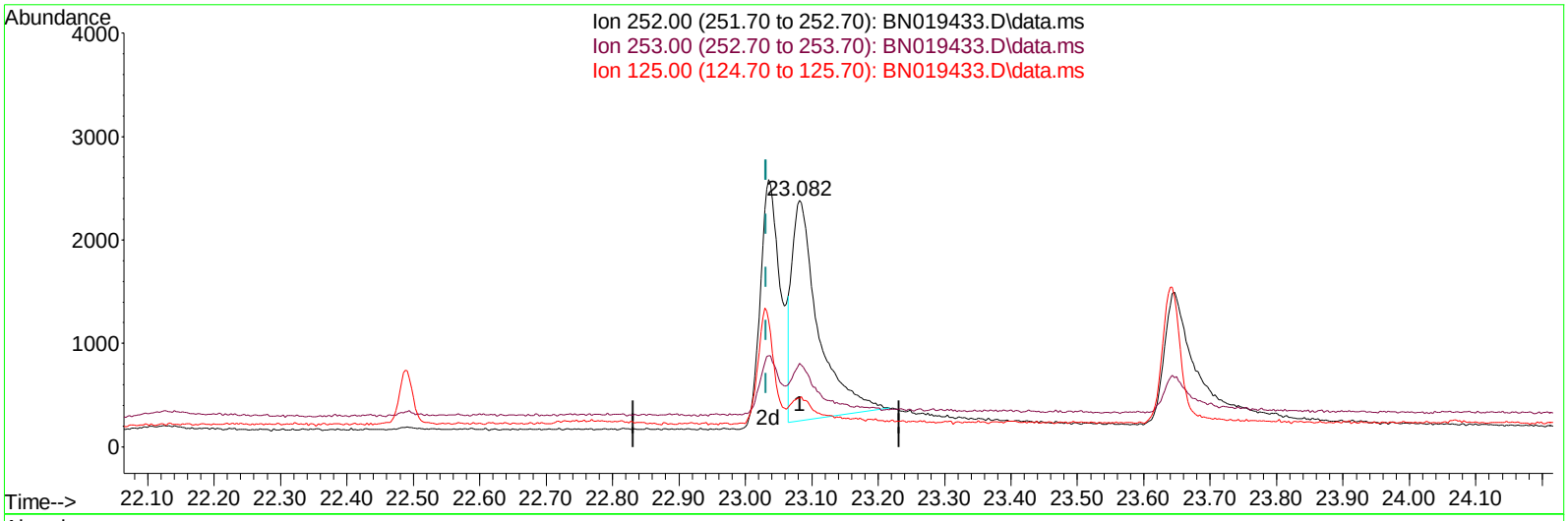
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041322\
Data File : BN019433.D
Acq On : 13 Apr 2022 10:28
Operator : CG/JU
Sample : SSTD0.116
Misc :
ALS Vial : 2 Sample Multiplier: 1

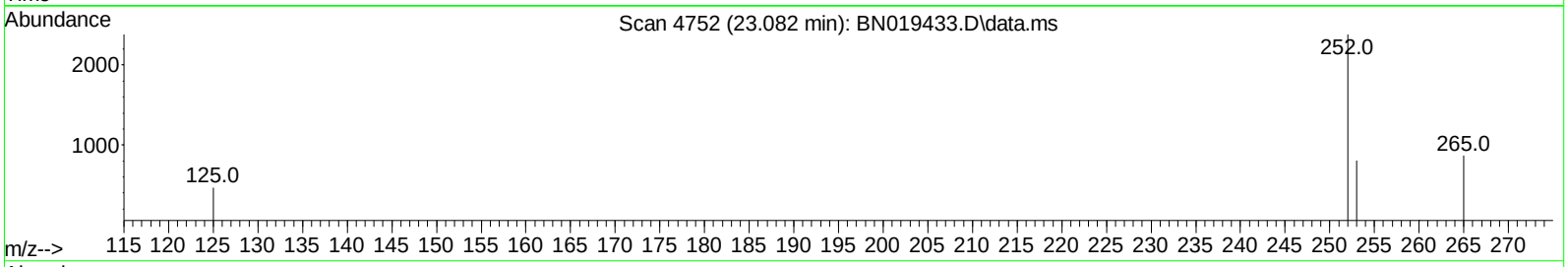
Quant Time: Apr 13 14:13:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 14:01:29 2022
Response via : Initial Calibration

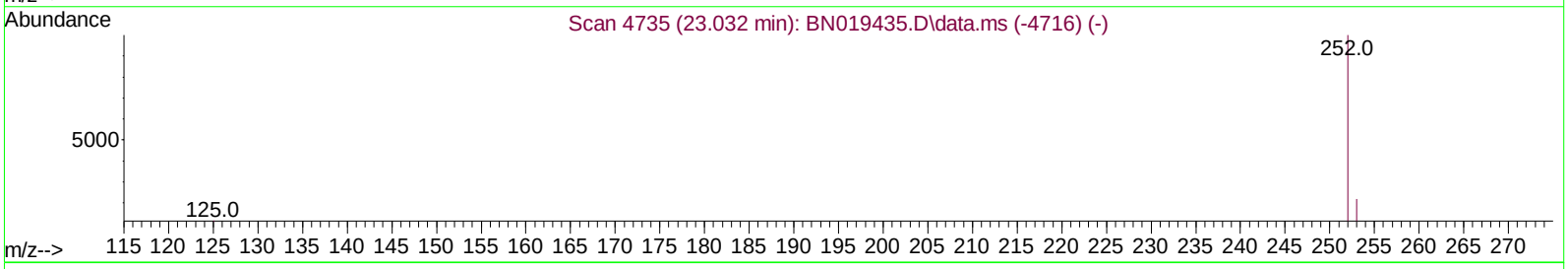
**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.1216

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022




TIC: BN019433.D\data.ms

**(24) Benzo(b)fluoranthene**

**23.082min (+ 0.050) 0.12 ng/ul**

**response 5879**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00 | 33.89 |
| 125.00 | 20.10 | 19.66 |
| 0.00 | 0.00 | 0.00 |

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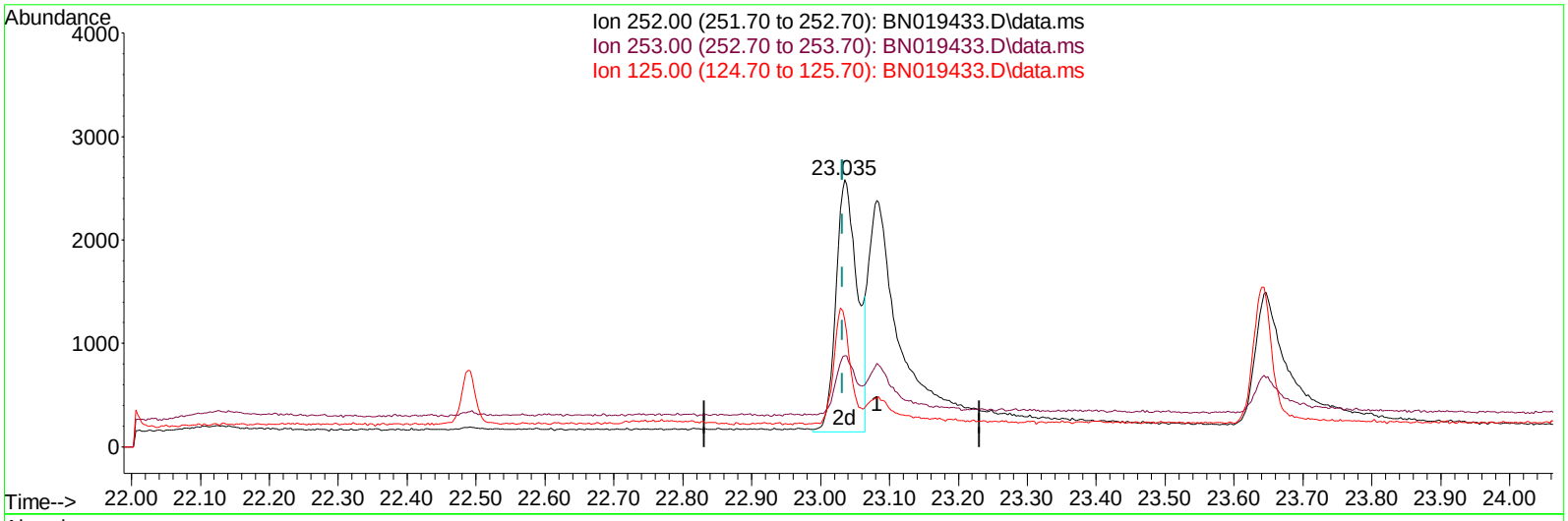


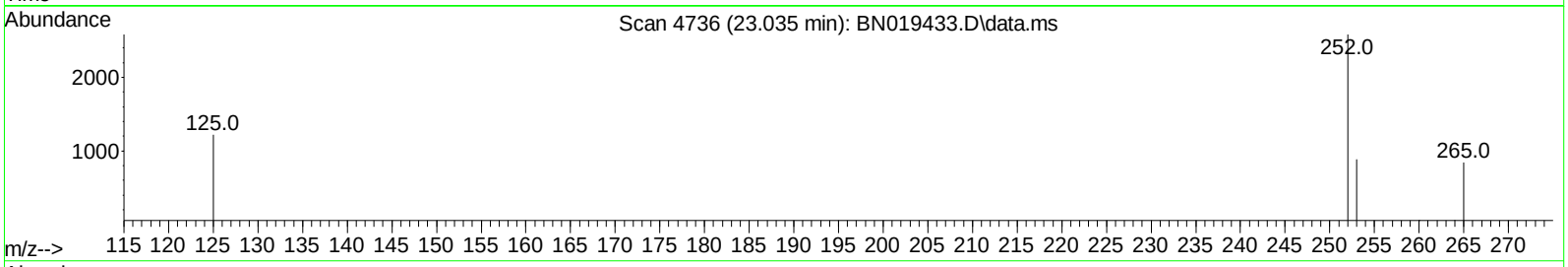


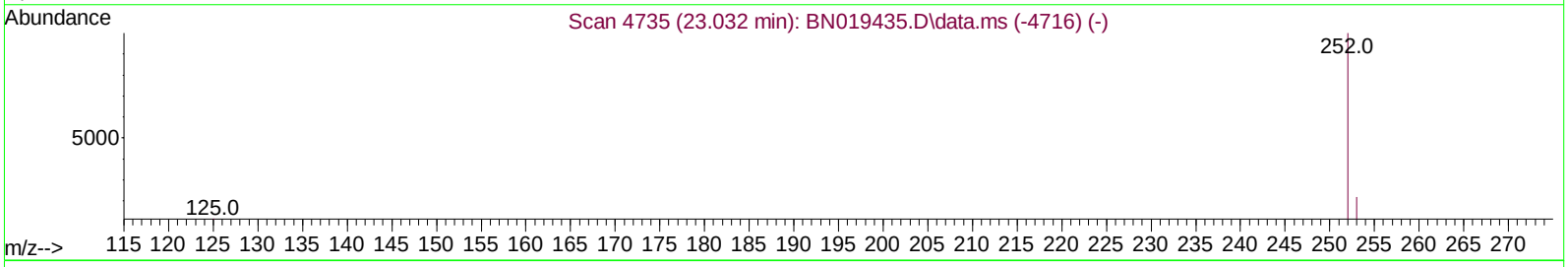


TIC: BN019433.D\data.ms

**(24) Benzo(b)fluoranthene**

**23.035min (+ 0.003) 0.11 ng/ul m**

**response 5271**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00 | 34.13 |
| 125.00 | 20.10 | 47.31# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041322\
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Operator : CG/JU
Sample : SSTD0.116
Misc :
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Quant Time: Apr 13 14:13:49 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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**Instrument :**
BNA_N
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**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.818 | 152 | 5513 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.623 | 136 | 15927 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.460 | 164 | 9810 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.204 | 188 | 18388 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.395 | 240 | 13142 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.748 | 264 | 11015 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0d | 0.000 | ng/ul | |
| 6) 2-Methylnaphthalene-d10 | 12.223 | 152 | 2134 | 0.092 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.239 | 212 | 5096 | 0.114 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.672 | 128 | 4553 | 0.103 | ng/ul | 95 |
| 7) 2-Methylnaphthalene | 12.294 | 142 | 2803 | 0.093 | ng/ul# | 100 |
| 8) 1-Methylnaphthalene | 12.509 | 142 | 3054 | 0.098 | ng/ul# | 100 |
| 10) Acenaphthylene | 14.182 | 152 | 3514 | 0.098 | ng/ul | 96 |
| 11) Acenaphthene | 14.525 | 153 | 3626 | 0.105 | ng/ul | 98 |
| 12) Fluorene | 15.515 | 166 | 3908 | 0.098 | ng/ul | 96 |
| 15) Phenanthrene | 17.246 | 178 | 6383 | 0.106 | ng/ul | 96 |
| 16) Anthracene | 17.344 | 178 | 4634 | 0.096 | ng/ul# | 93 |
| 19) Fluoranthene | 19.267 | 202 | 6787 | 0.112 | ng/ul | 96 |
| 20) Pyrene | 19.629 | 202 | 7441 | 0.116 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.381 | 228 | 3899 | 0.091 | ng/ul | 96 |
| 22) Chrysene | 21.433 | 228 | 5518 | 0.106 | ng/ul | 97 |
| 24) Benzo(b)fluoranthene | 23.035 | 252 | 5271m | 0.107 | ng/ul | |
| 25) Benzo(k)fluoranthene | 23.082 | 252 | 5853 | 0.103 | ng/ul# | 84 |
| 26) Benzo(a)pyrene | 23.646 | 252 | 4502 | 0.104 | ng/ul# | 29 |
| 27) Indeno(1,2,3-cd)pyrene | 26.186 | 276 | 4862 | 0.103 | ng/ul# | 85 |
| 28) Dibenzo(a,h)anthracene | 26.210 | 278 | 3304 | 0.095 | ng/ul# | 19 |
| 29) Benzo(g,h,i)perylene | 26.924 | 276 | 4906 | 0.111 | ng/ul | 94 |

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

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