Quantitation Report (Qedit)

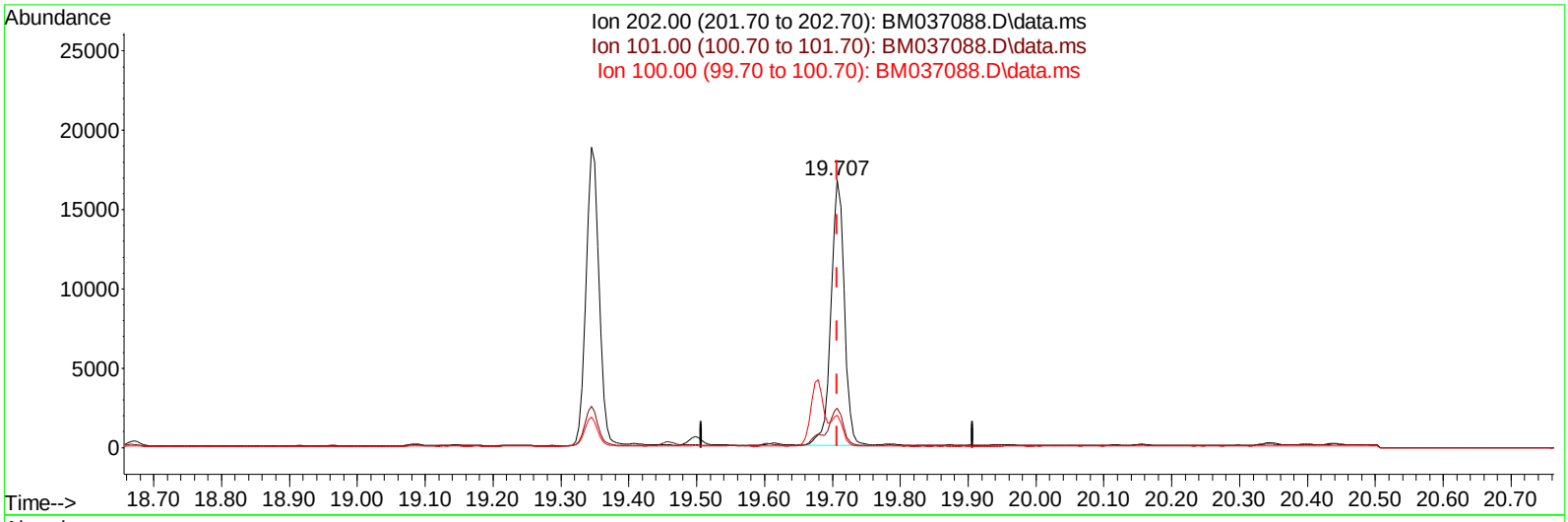
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037088.D
Acq On : 15 Oct 2022 12:13
Operator : CG/JU
Sample : N5049-06DL 5X
Misc :
ALS Vial : 85 Sample Multiplier: 1

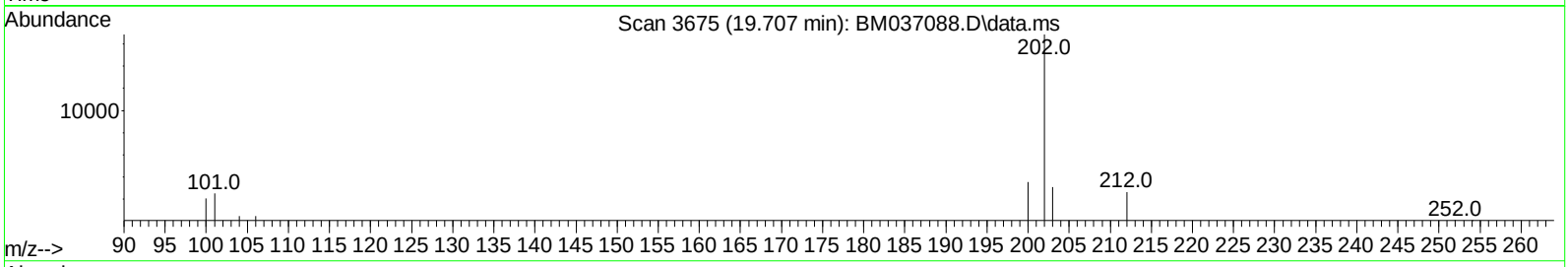
Quant Time: Oct 17 00:55:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
Response via : Initial Calibration

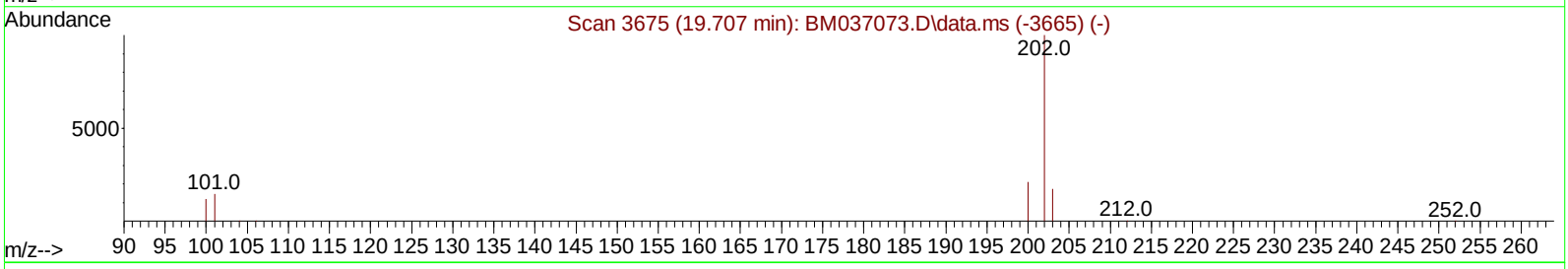
**Instrument :**
BNA_M
**ClientSampleId :**
C0BJ6DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022




TIC: BM037088.D\data.ms

**(20) Pyrene**

**19.707min (+ 0.000) 0.32 ng/ul**

**response 22384**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.00 | 14.86 |
| 100.00 | 12.20 | 12.17 |
| 0.00 | 0.00 | 0.00 |

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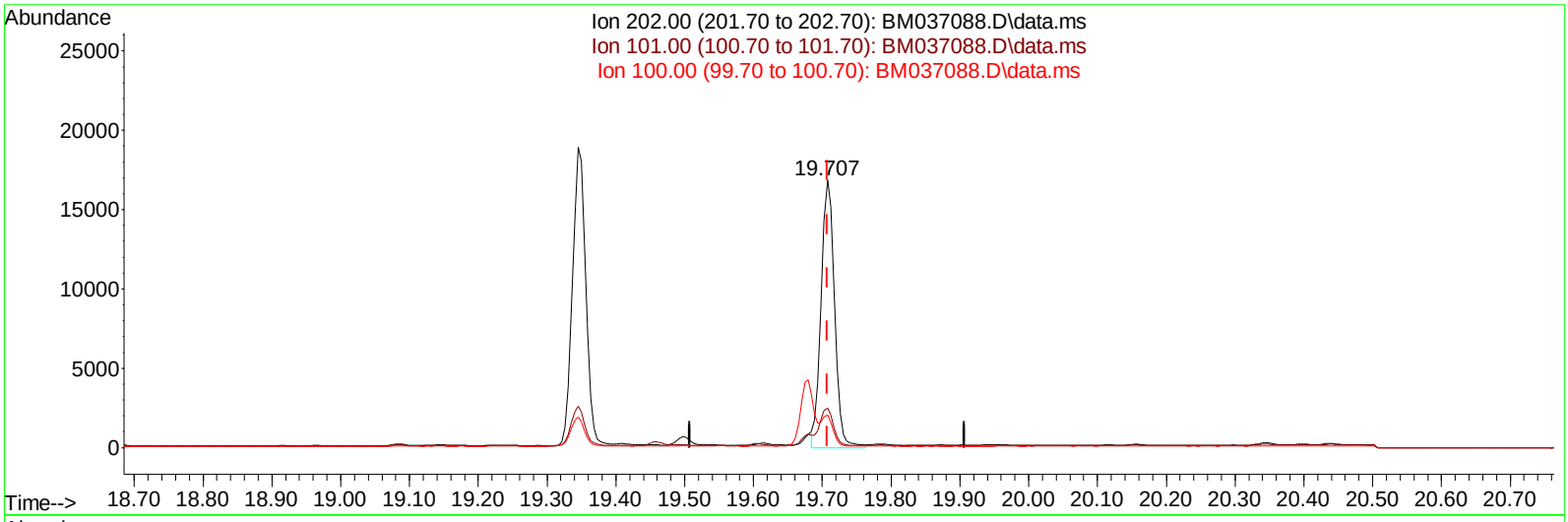


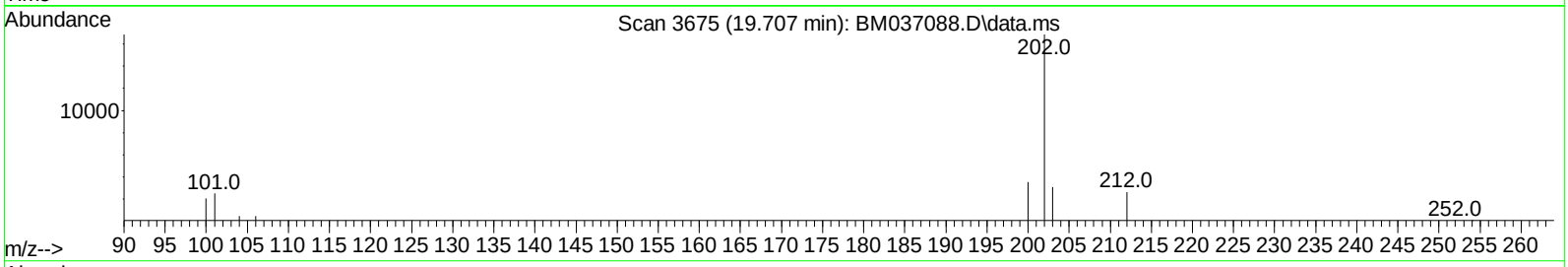


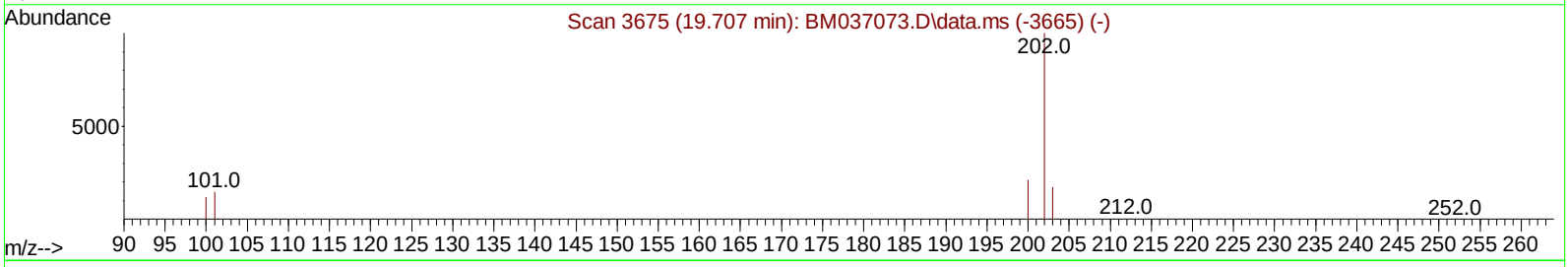


TIC: BM037088.D\data.ms

**(20) Pyrene**

**19.707min (+ 0.000) 0.32 ng/ul m**

**response 22487**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.00 | 14.86 |
| 100.00 | 12.20 | 12.17 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_M
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**Manual IntegrationsAPPROVED**

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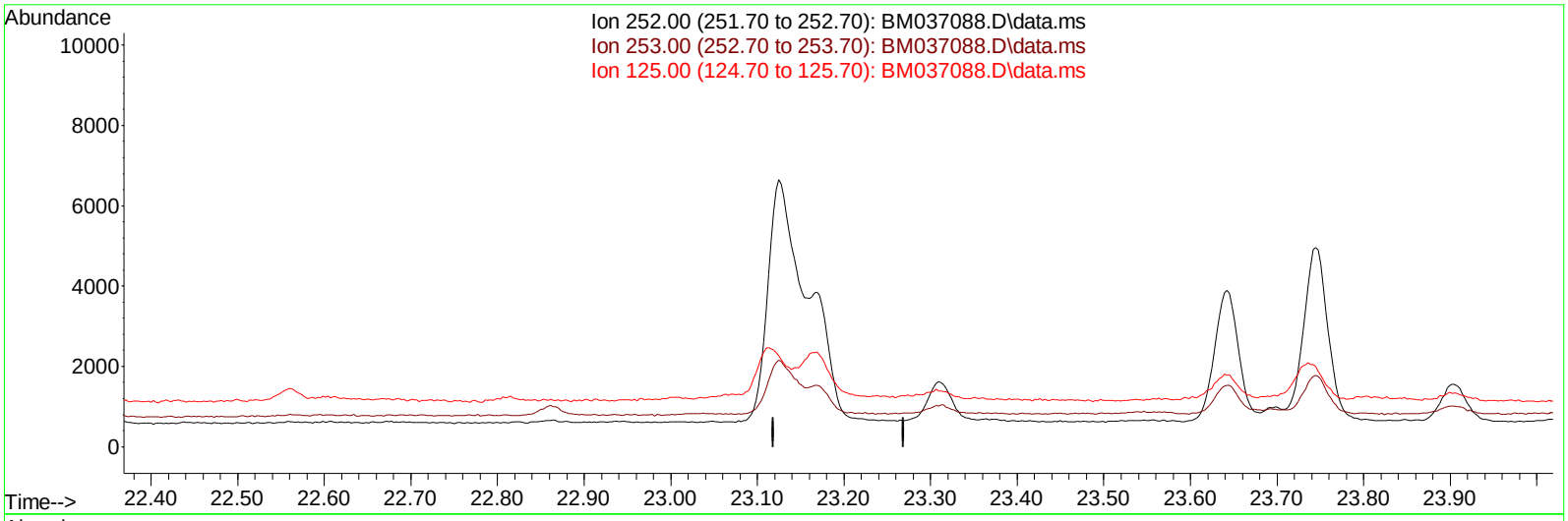


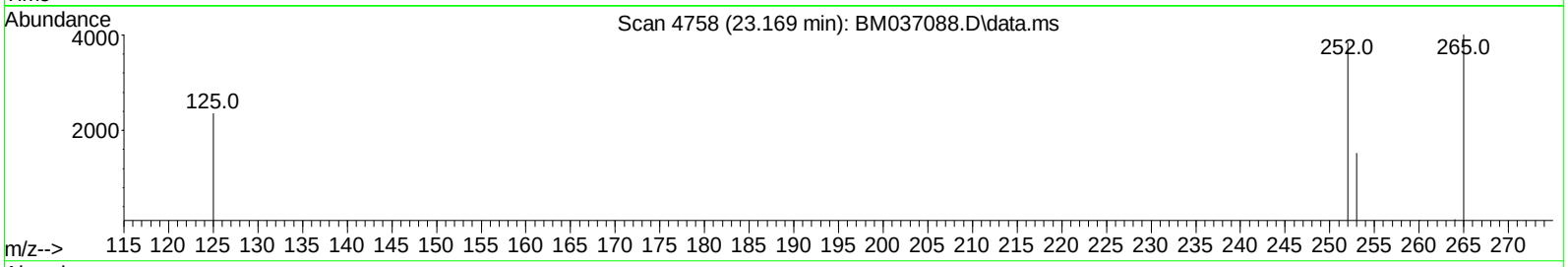


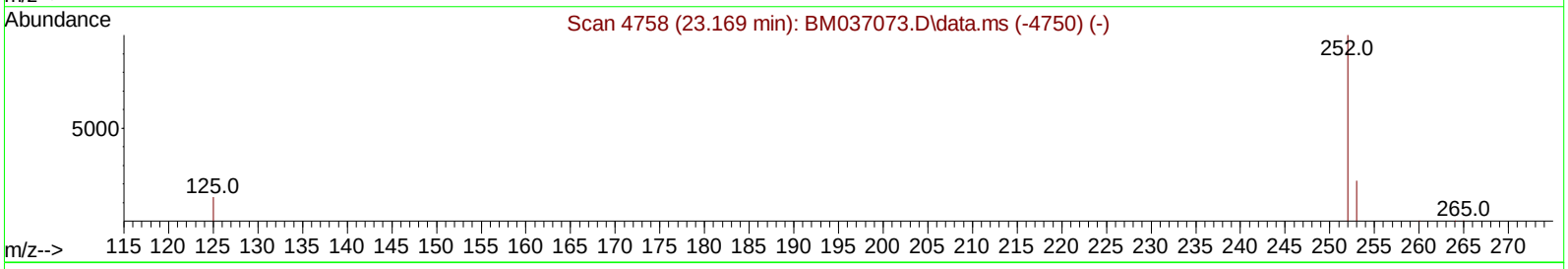


TIC: BM037088.D\data.ms

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

**23.169min (-23.169) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 0.00 |
| 253.00 | 31.50 | 0.00# |
| 125.00 | 22.90 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Misc :
ALS Vial : 85 Sample Multiplier: 1

Quant Time: Oct 17 00:55:25 2022
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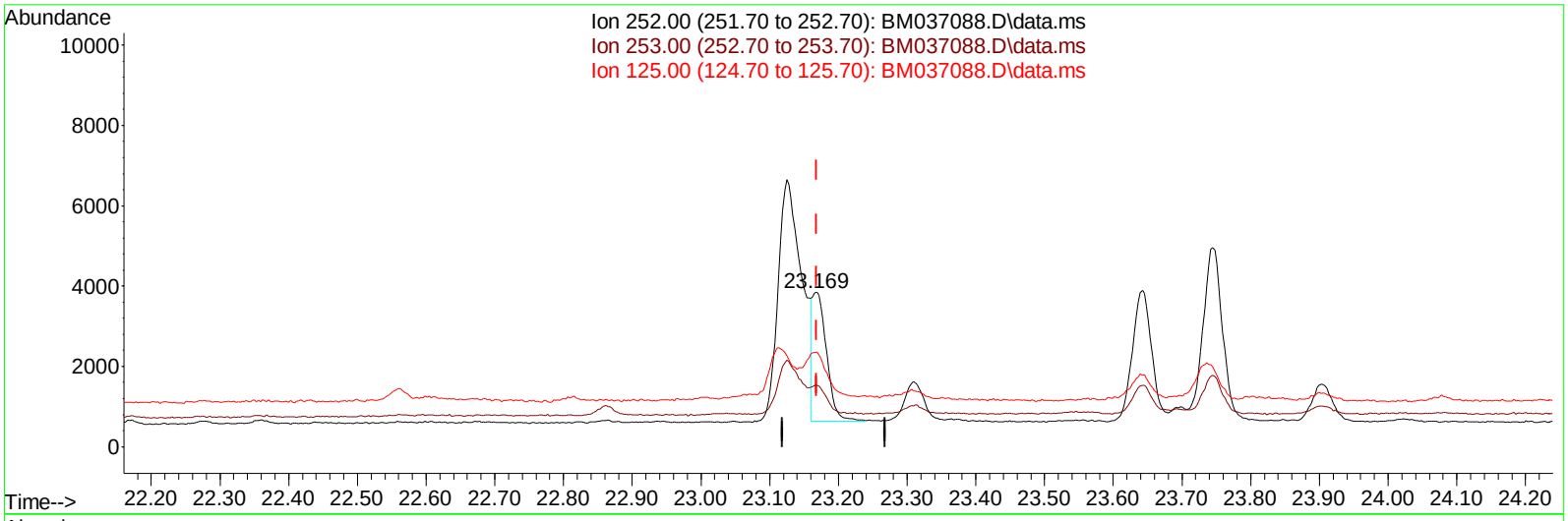
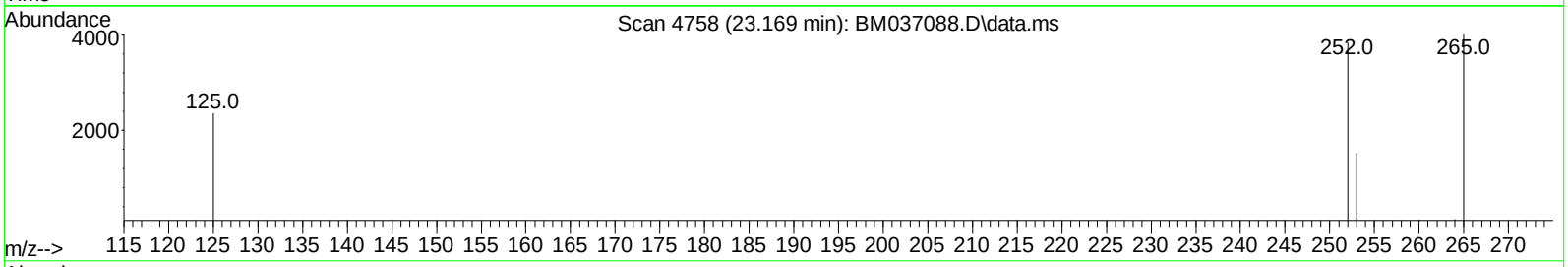
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
Response via : Initial Calibration

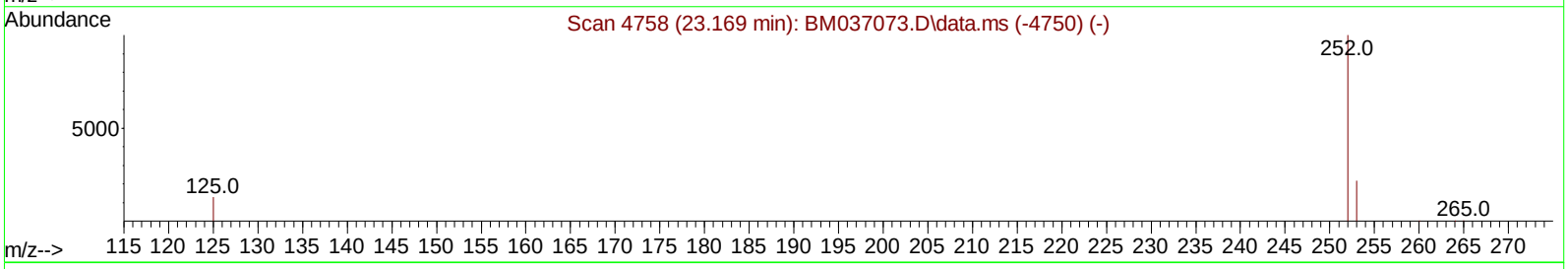
**Instrument :**
BNA_M
**ClientSampleId :**
C0BJ6DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022




TIC: BM037088.D\data.ms

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

**23.169min (+ 0.000) 0.08 ng/ul m**

**response 4539**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.50 | 39.84# |
| 125.00 | 22.90 | 61.48# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 85 Sample Multiplier: 1

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**Instrument :**
BNA_M
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C0BJ6DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.930 | 152 | 7075 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.732 | 136 | 25404 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.557 | 164 | 13546 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.296 | 188 | 26048 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.468 | 240 | 17011 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.853 | 264 | 13711 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.340 | 96 | 6577 | 0.659 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.316 | 152 | 1988 | 0.052 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.317 | 212 | 3307 | 0.065 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.781 | 128 | 4693 | 0.065 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.387 | 142 | 3821 | 0.086 | ng/ul | 93 |
| 8) 1-Methylnaphthalene | 12.607 | 142 | 3049 | 0.068 | ng/ul | 99 |
| 10) Acenaphthylene | 14.279 | 152 | 2624 | 0.047 | ng/ul# | 90 |
| 15) Phenanthrene | 17.334 | 178 | 12297 | 0.148 | ng/ul | 98 |
| 16) Anthracene | 17.427 | 178 | 2819 | 0.041 | ng/ul# | 89 |
| 19) Fluoranthene | 19.345 | 202 | 25141 | 0.372 | ng/ul | 98 |
| 20) Pyrene | 19.707 | 202 | 22487m | 0.319 | ng/ul | |
| 21) Benzo(a)anthracene | 21.450 | 228 | 9831 | 0.160 | ng/ul | 96 |
| 22) Chrysene | 21.503 | 228 | 11343 | 0.172 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 23.125 | 252 | 14522 | 0.237 | ng/ul | 87 |
| 25) Benzo(k)fluoranthene | 23.169 | 252 | 4539m | 0.076 | ng/ul | |
| 26) Benzo(a)pyrene | 23.745 | 252 | 8500 | 0.171 | ng/ul# | 90 |
| 27) Indeno(1,2,3-cd)pyrene | 26.323 | 276 | 6787 | 0.096 | ng/ul# | 93 |
| 28) Dibenzo(a,h)anthracene | 26.340 | 278 | 1661 | 0.029 | ng/ul# | 45 |
| 29) Benzo(g,h,i)perylene | 27.087 | 276 | 5413 | 0.087 | ng/ul# | 89 |

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

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