Quantitation Report (Qedit)

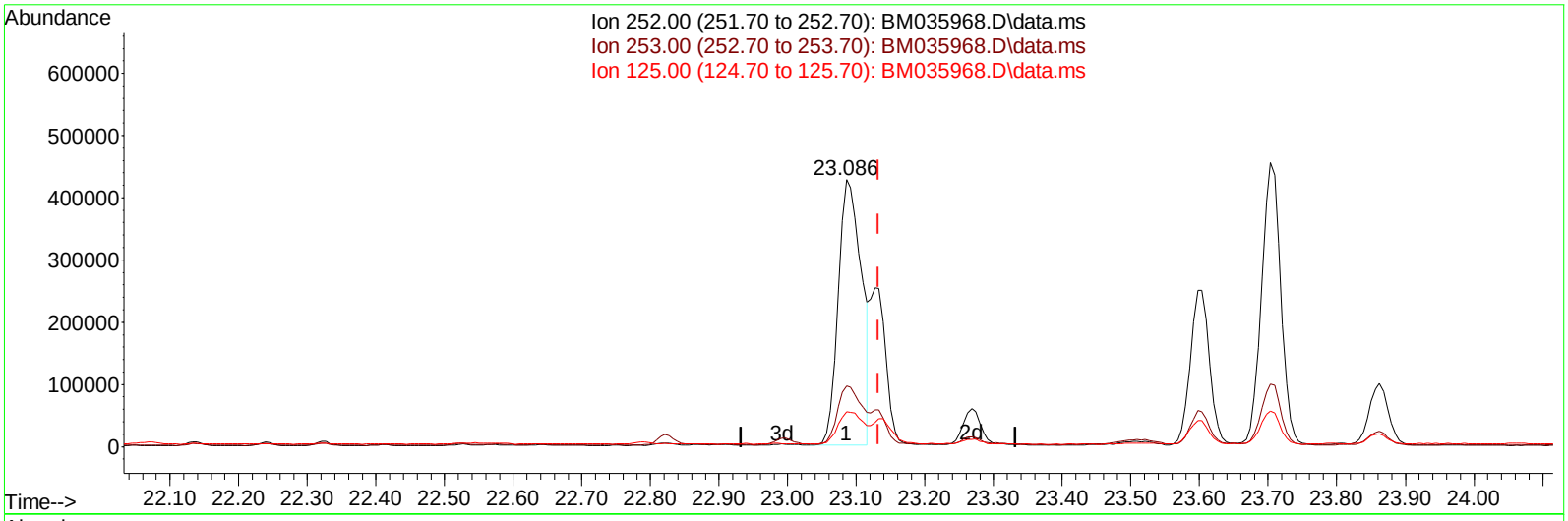
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
Data File : BM035968.D
Acq On : 28 Jul 2022 02:19
Operator : CG/JU
Sample : N3741-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

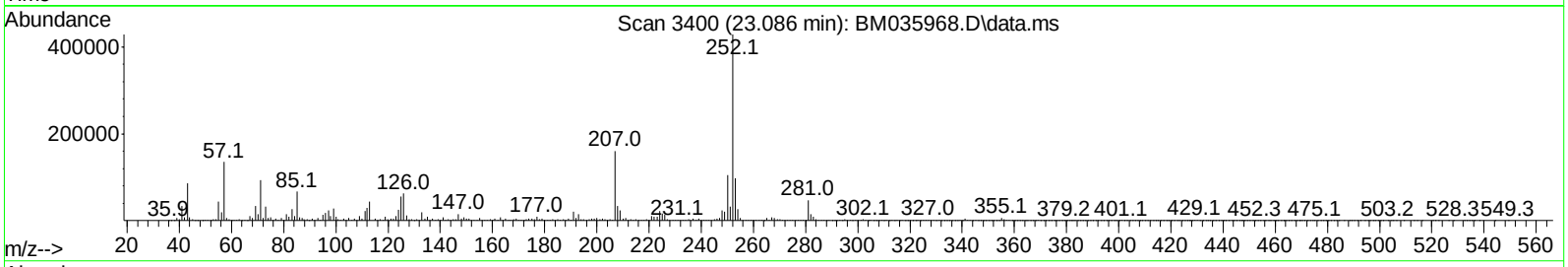
Quant Time: Jul 28 03:13:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 27 23:55:50 2022
Response via : Initial Calibration

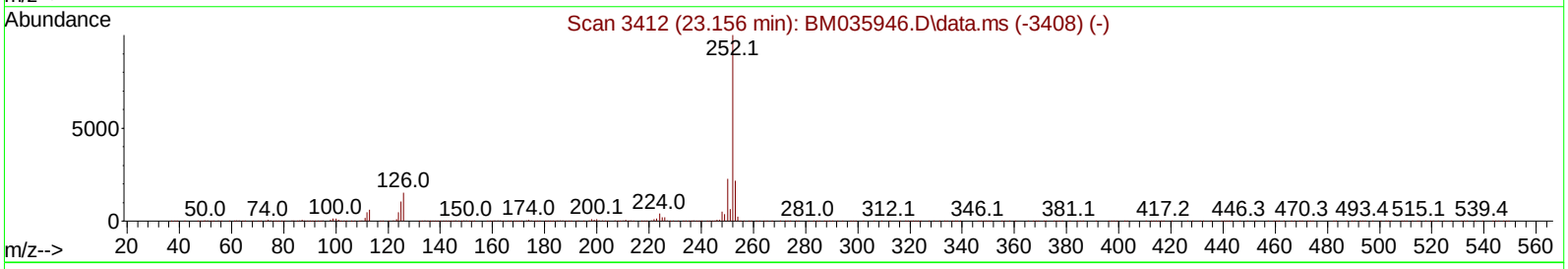
**Instrument :**
BNA_M
**ClientSampleId :**
H0B36

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/29/2022




TIC: BM035968.D\data.ms

**(91) Benzo(k)fluoranthene**

**23.086min (-0.047) 11.66 ng/ul**

**response 999470**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.70 | 22.73 |
| 125.00 | 13.20 | 13.04 |
| 0.00 | 0.00 | 0.00 |

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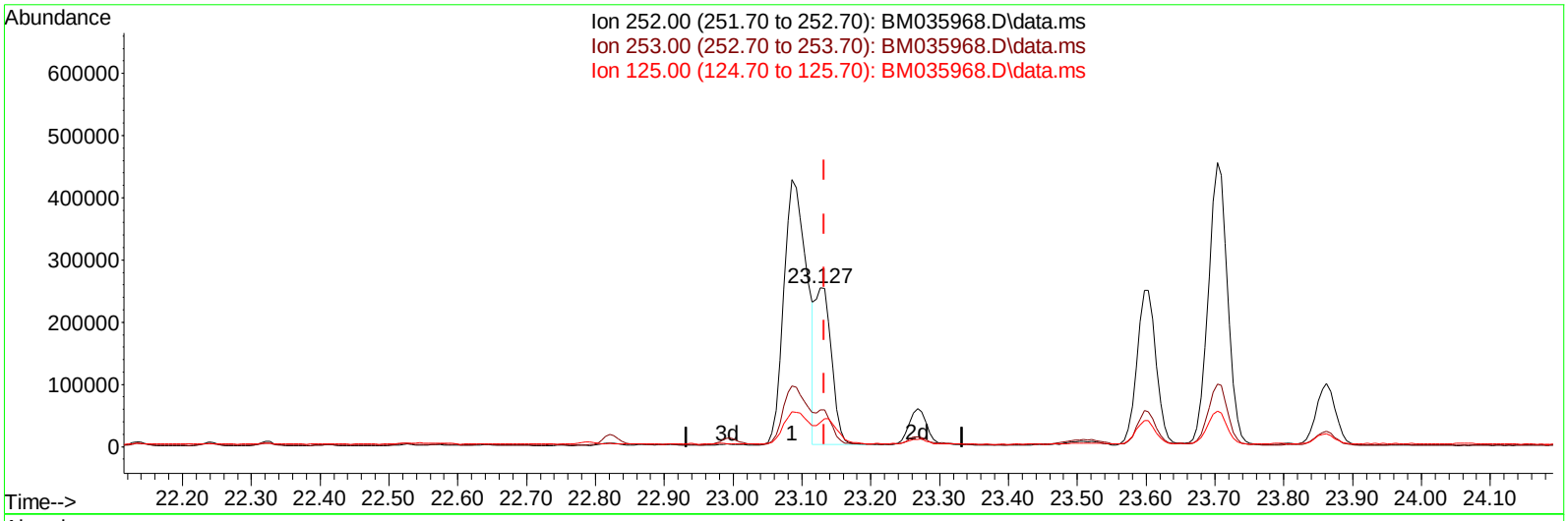


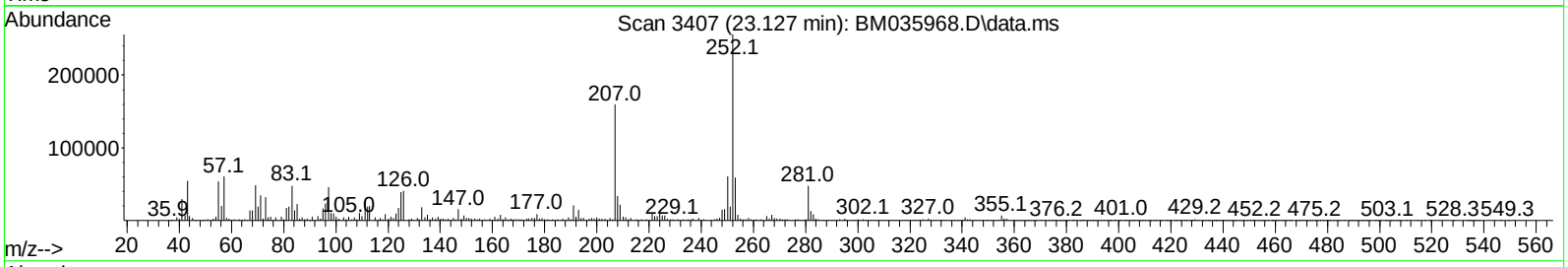


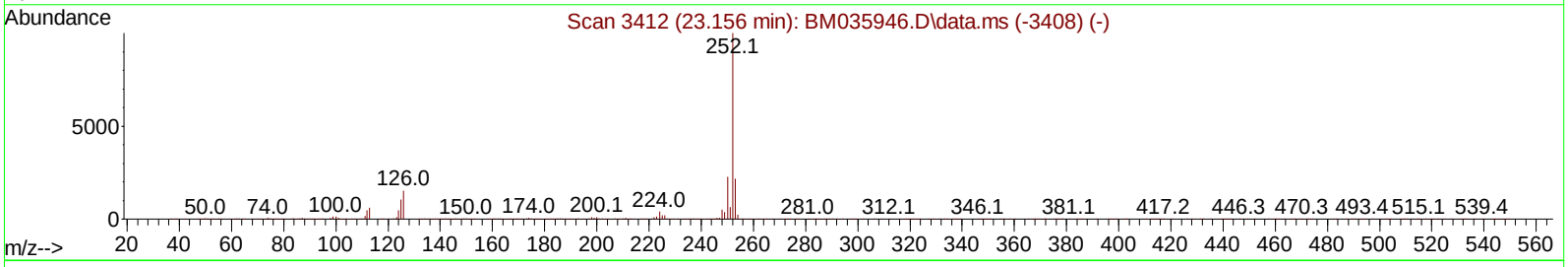


TIC: BM035968.D\data.ms

**(91) Benzo(k)fluoranthene**

**23.127min (-0.006) 4.75 ng/ul m**

**response 407118**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.70 | 23.04 |
| 125.00 | 13.20 | 15.16 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Data File : BM035968.D
Acq On : 28 Jul 2022 02:19
Operator : CG/JU
Sample : N3741-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
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**ClientSampleId :**
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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 | 7.881 | 152 | 363232 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.687 | 136 | 1555170 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.522 | 164 | 884880 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.257 | 188 | 1632242 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.439 | 240 | 1316930 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.809 | 264 | 1353025 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.269 | 96 | 28243 | 2.926 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 7.051 | 99 | 568419 | 18.661 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.216 | 67 | 372495 | 18.344 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.410 | 132 | 502033 | 19.856 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.598 | 113 | 361289 | 14.641 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.051 | 128 | 256472 | 20.812 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.769 | 143 | 266220 | 22.173 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.310 | 165 | 438369 | 20.188 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.828 | 131 | 447524 | 12.174 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.933 | 166 | 1330788 | 22.078 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.216 | 160 | 1714671 | 22.296 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.722 | 143 | 158138 | 12.776 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.510 | 176 | 1160003 | 21.297 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.633 | 200 | 114035 | 12.997 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.357 | 188 | 1575424 | 21.349 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.651 | 212 | 1723263 | 23.611 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.656 | 264 | 1528649 | 22.254 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 52) Acenaphthene | 14.580 | 153 | 65725 | 1.191 | ng/ul | 99 |
| 72) Phenanthrene | 17.304 | 178 | 1140755 | 13.040 | ng/ul | 99 |
| 74) Anthracene | 17.392 | 178 | 180987 | 2.062 | ng/ul | 98 |
| 77) Carbazole | 17.663 | 167 | 142920 | 1.763 | ng/ul | 99 |
| 80) Fluoranthene | 19.315 | 202 | 1657519 | 19.008 | ng/ul | 97 |
| 82) Pyrene | 19.680 | 202 | 1850313 | 20.586 | ng/ul | 95 |
| 85) Benzo(a)anthracene | 21.421 | 228 | 771872 | 9.312 | ng/ul | 99 |
| 87) Chrysene | 21.474 | 228 | 996892 | 12.326 | ng/ul | 99 |
| 90) Benzo(b)fluoranthene | 23.086 | 252 | 999470 | 11.069 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.127 | 252 | 407118m | 4.751 | ng/ul | |
| 93) Benzo(a)pyrene | 23.703 | 252 | 879285 | 10.223 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 26.274 | 276 | 574837 | 6.270 | ng/ul# | 91 |
| 95) Dibenzo(a,h)anthracene | 26.285 | 278 | 158629 | 2.017 | ng/ul | 94 |
| 96) Benzo(g,h,i)perylene | 27.038 | 276 | 467091 | 6.148 | ng/ul | 95 |

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

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