Quantitation Report (Qedit)

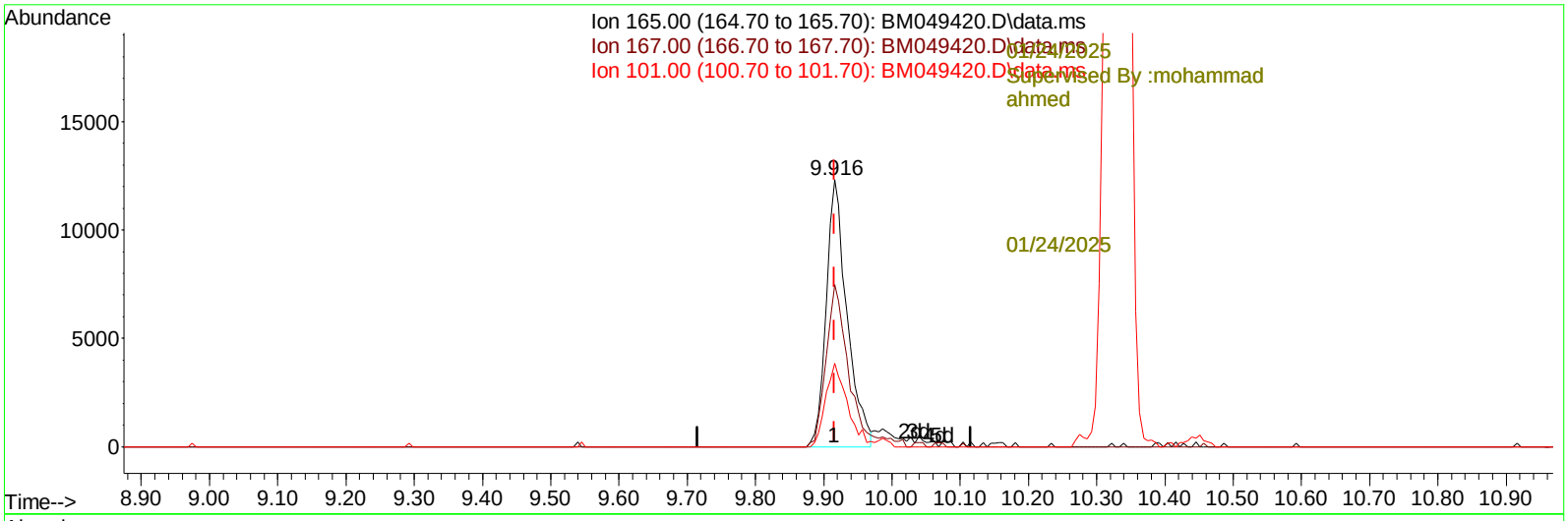
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049420.D
Acq On : 23 Jan 2025 15:31
Operator : RC/JU
Sample : Q1139-07DL 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

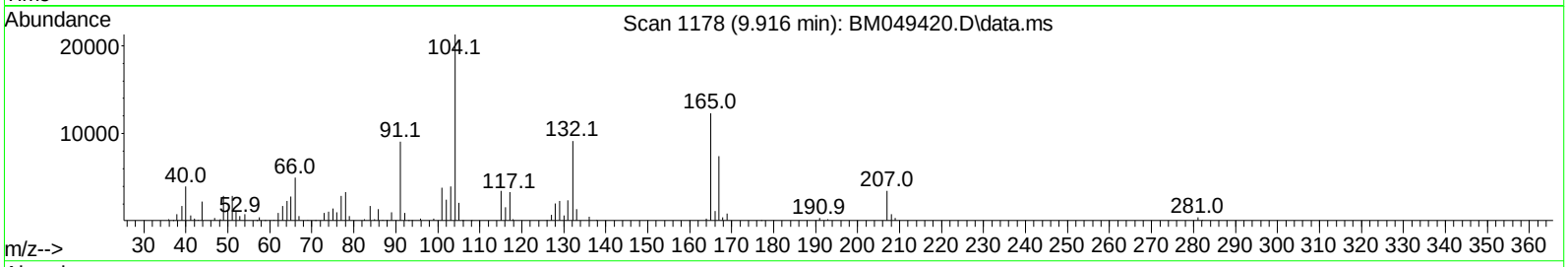
Quant Time: Jan 23 22:10:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

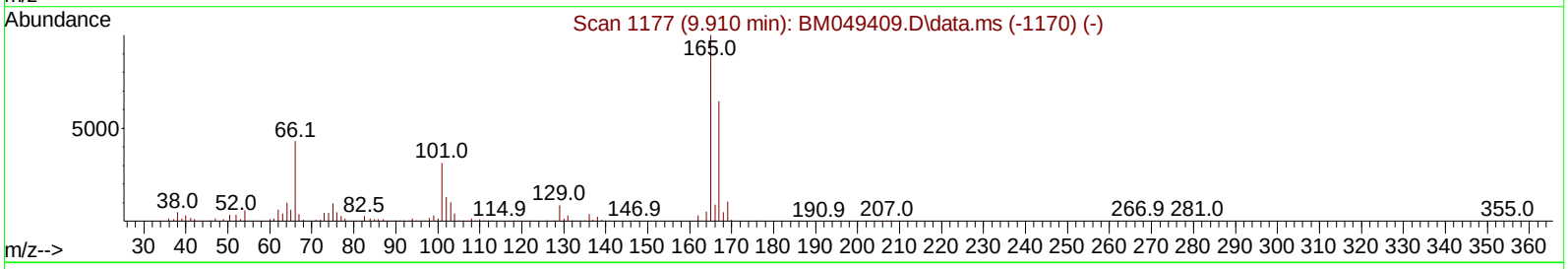
**Instrument :**
BNA_M
**ClientSampleId :**
DCZH4DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel




TIC: BM049420.D\data.ms

**(28) 2,4-Dichlorophenol-d3 (S)**

**9.916min (-0.000) 1.68 ng/ul**

**response 25954**

| Ion | Exp% | Act% |
|---|---|---|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 63.10 | 60.63 |
| 101.00 | 30.40 | 31.23 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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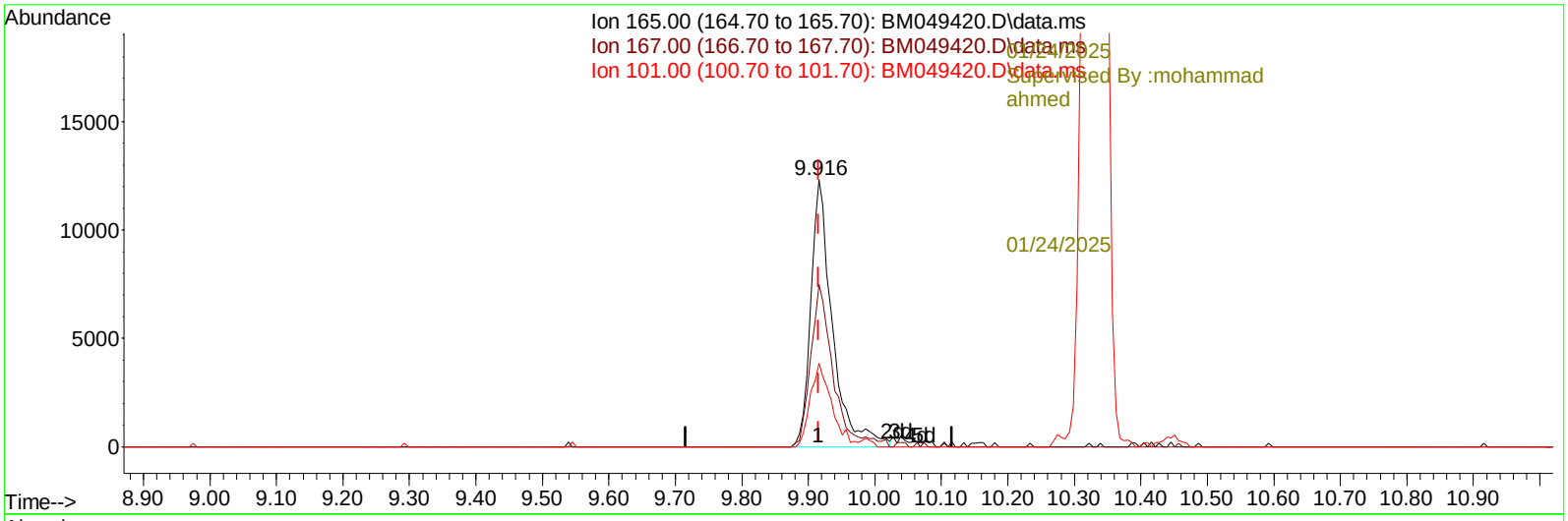
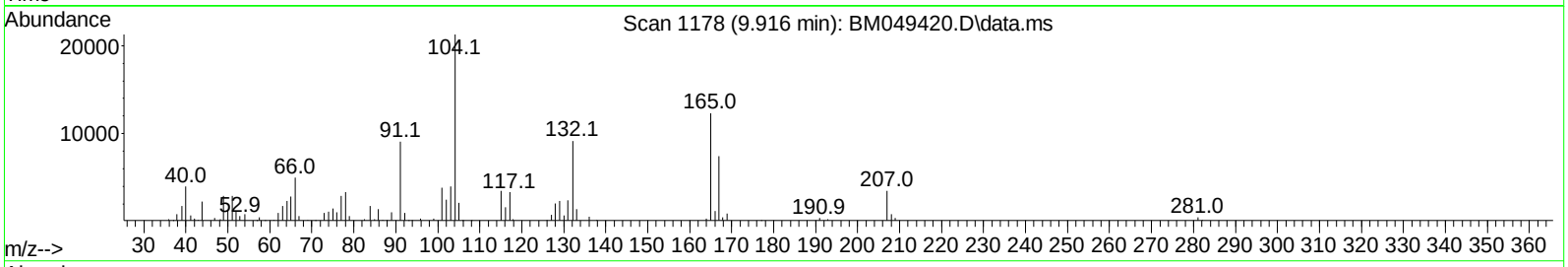
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

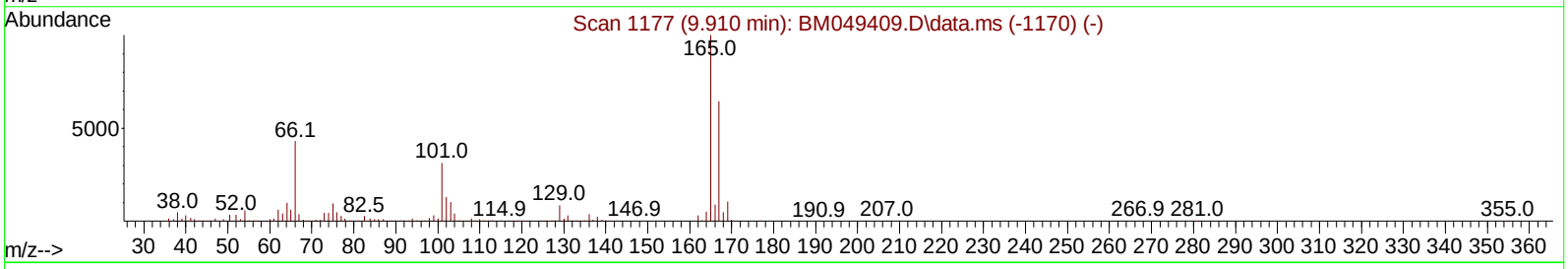
**Instrument :**
BNA_M
**ClientSampleId :**
DCZH4DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel




TIC: BM049420.D\data.ms

**(28) 2,4-Dichlorophenol-d3 (S)**

**9.916min (-0.000) 1.79 ng/ul m**

**response 27713**

| Ion | Exp% | Act% |
|---|---|---|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 63.10 | 60.63 |
| 101.00 | 30.40 | 31.23 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049420.D
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Operator : RC/JU
Sample : Q1139-07DL 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

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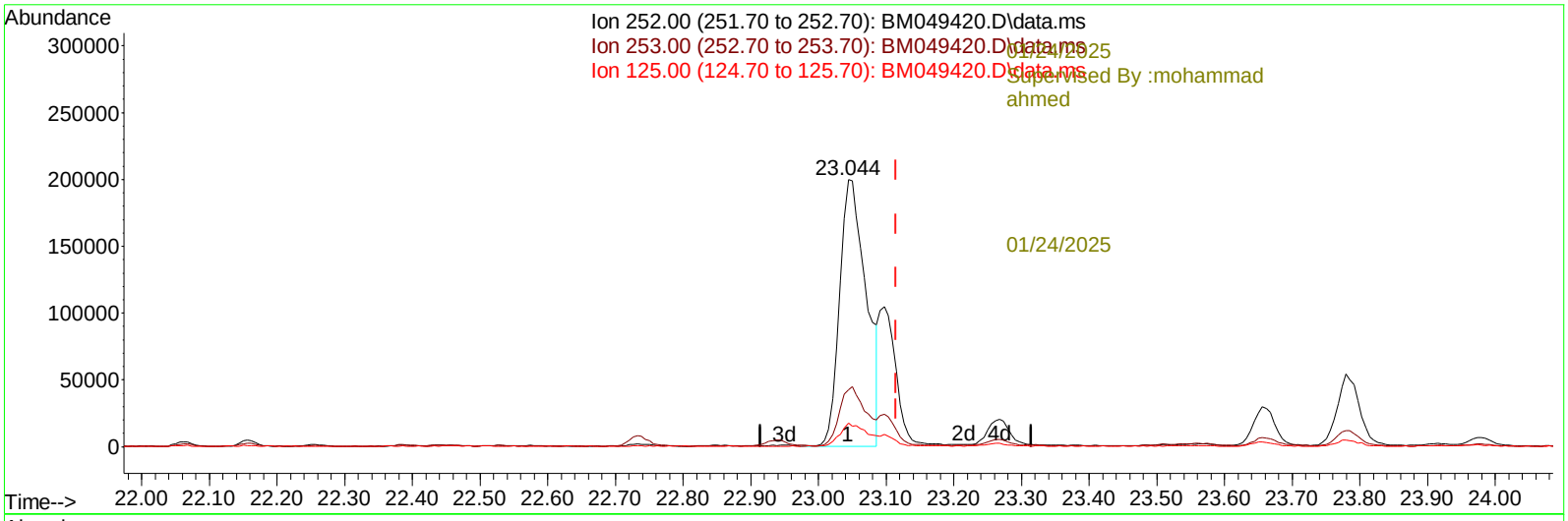
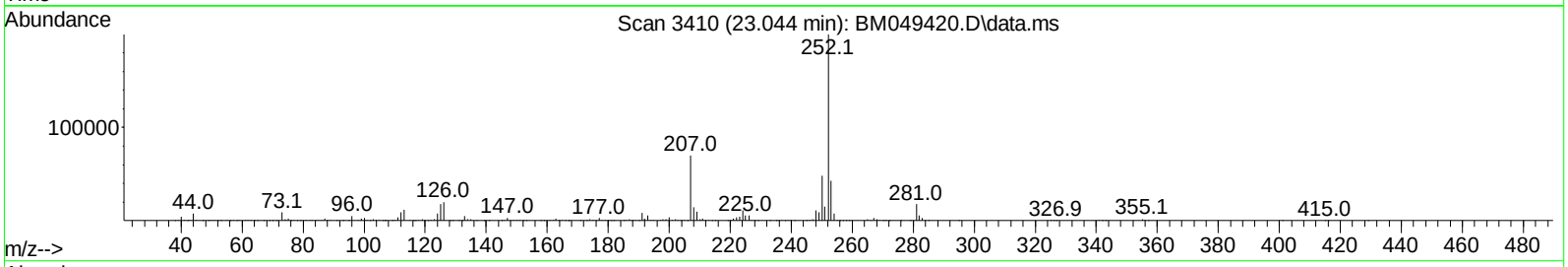
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

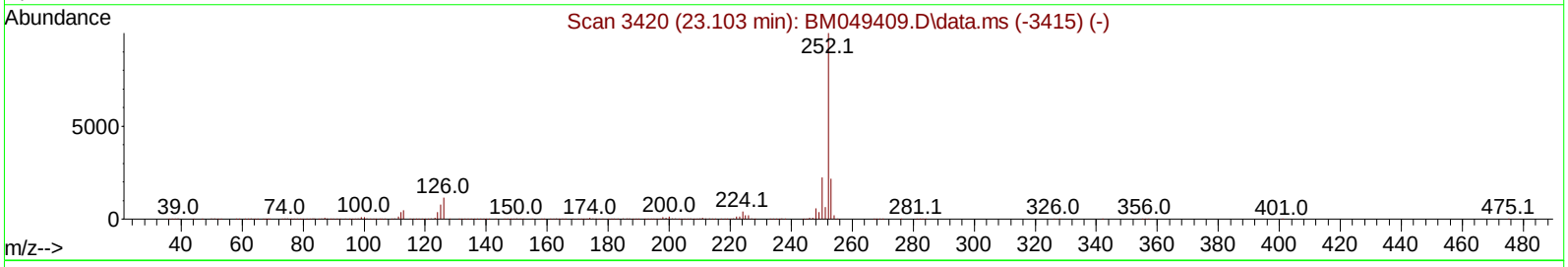
**Instrument :**
BNA_M
**ClientSampleId :**
DCZH4DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel




TIC: BM049420.D\data.ms

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

**23.044min (-0.071) 8.11 ng/ul**

**response 547583**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.00 | 21.45 |
| 125.00 | 8.10 | 8.88 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
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Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jan 23 22:10:46 2025
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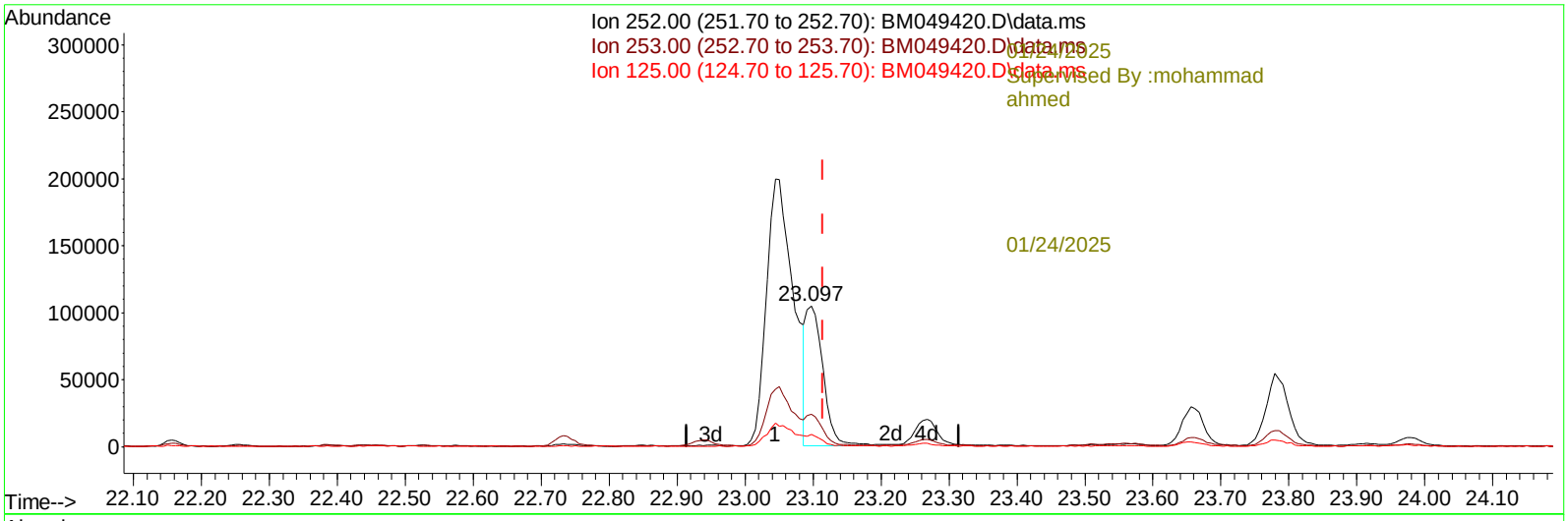
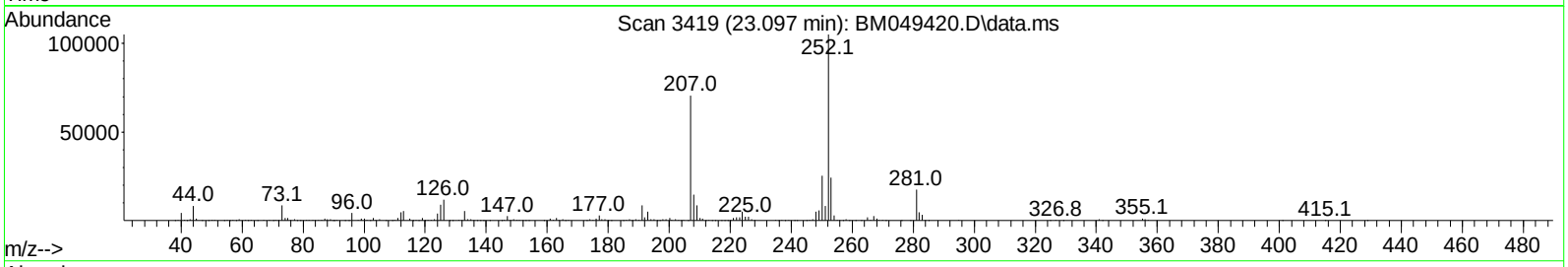
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

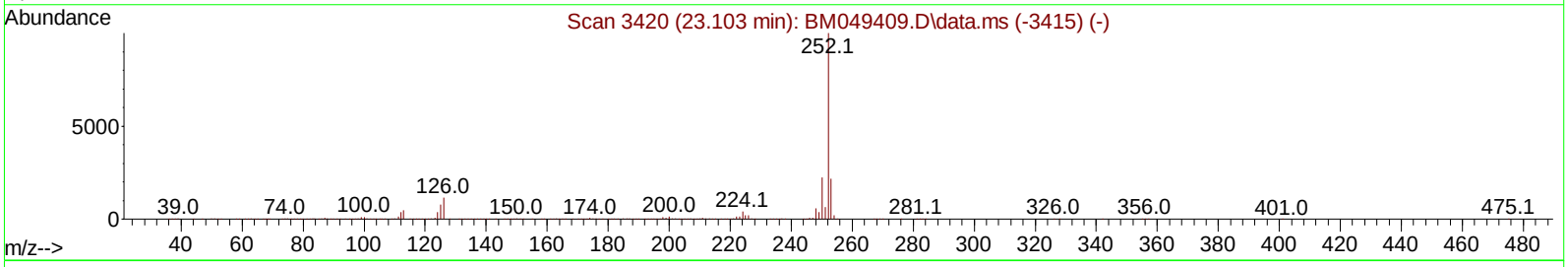
**Instrument :**
BNA_M
**ClientSampleId :**
DCZH4DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel




TIC: BM049420.D\data.ms

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

**23.097min (-0.018) 2.68 ng/ul m**

**response 181296**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.00 | 23.14 |
| 125.00 | 8.10 | 8.71 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049420.D
Acq On : 23 Jan 2025 15:31
Operator : RC/JU
Sample : Q1139-07DL 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jan 23 23:11:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DCZH4DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel

01/24/2025
Supervised By :mohammad ahmed
01/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.516 | 152 | 248510 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.280 | 136 | 888338 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.157 | 164 | 583886 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.909 | 188 | 1118464 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.139 | 240 | 1064315 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.915 | 264 | 1011870 | 20.000 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.122 | 96 | 3030 | 0.504 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 6.710 | 99 | 33413 | 1.602 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.869 | 67 | 28532 | 2.054 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.057 | 132 | 28954 | 1.814 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.234 | 113 | 24203 | 1.496 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.663 | 128 | 12529 | 1.850 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.375 | 143 | 11384 | 1.503 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.916 | 165 | 27713m | 1.793 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 0.000 | 131 | 0d | 0.000 | ng/ul | |
| 46) Dimethylphthalate-d6 | 13.580 | 166 | 100295 | 2.308 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.845 | 160 | 109288 | 2.203 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 0.000 | 143 | 0d | 0.000 | ng/ul | |
| 60) Fluorene-d10 | 15.157 | 176 | 89183 | 2.376 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.292 | 200 | 2404 | 0.337 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.009 | 188 | 134768 | 2.437 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.315 | 212 | 130296 | 2.012 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.727 | 264 | 64490 | 1.187 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 30) Naphthalene | 10.333 | 128 | 9410130 | 199.602 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 11.951 | 142 | 2374229 | 70.377 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.169 | 142 | 1028683 | 30.646 | ng/ul | 99 |
| 50) Acenaphthylene | 13.874 | 152 | 88929 | 1.748 | ng/ul# | 92 |
| 52) Acenaphthene | 14.221 | 153 | 2338824 | 64.361 | ng/ul | 100 |
| 61) Fluorene | 15.215 | 166 | 2794377 | 66.277 | ng/ul | 98 |
| 72) Phenanthrene | 16.956 | 178 | 14939493 | 240.263 | ng/ul | 96 |
| 74) Anthracene | 17.045 | 178 | 3226119 | 51.691 | ng/ul | 100 |
| 80) Fluoranthene | 18.980 | 202 | 9215734 | 123.818 | ng/ul | 100 |
| 82) Pyrene | 19.345 | 202 | 4436846 | 56.001 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.121 | 228 | 1269029 | 17.110 | ng/ul | 100 |
| 87) Chrysene | 21.180 | 228 | 1065193 | 15.731 | ng/ul | 99 |
| 90) Benzo(b)fluoranthene | 23.044 | 252 | 547583 | 8.085 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.097 | 252 | 181296m | 2.685 | ng/ul | |
| 93) Benzo(a)pyrene | 23.780 | 252 | 122638 | 2.005 | ng/ul | 100 |

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

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