Quantitation Report (Qedit)

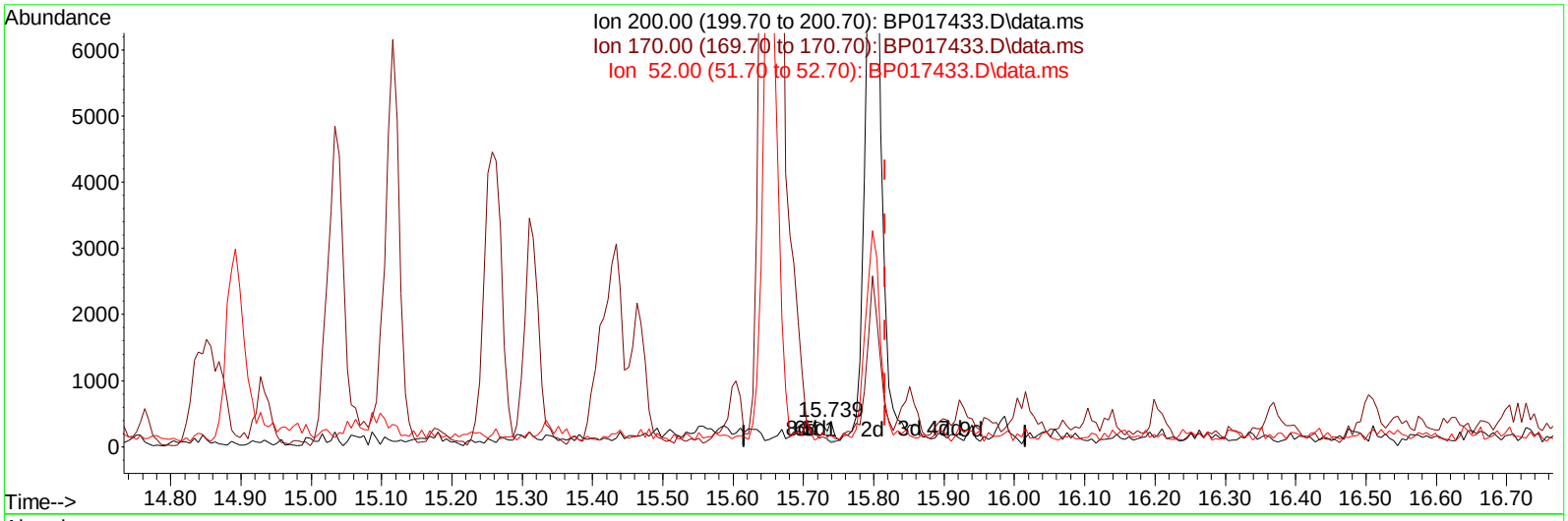
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017433.D
Acq On : 29 Sep 2023 02:33
Operator : MA/JU
Sample : 04417-29
Misc :
ALS Vial : 24 Sample Multiplier: 1

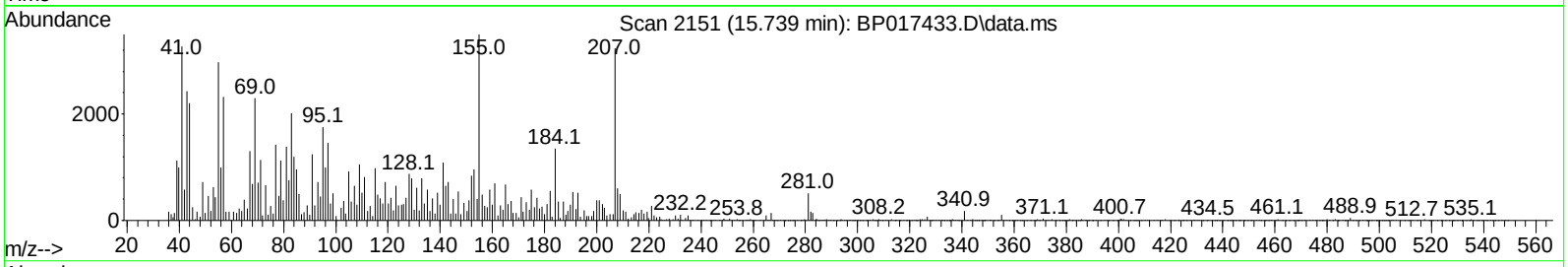
Quant Time: Sep 29 03:07:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 23:22:11 2023
Response via : Initial Calibration

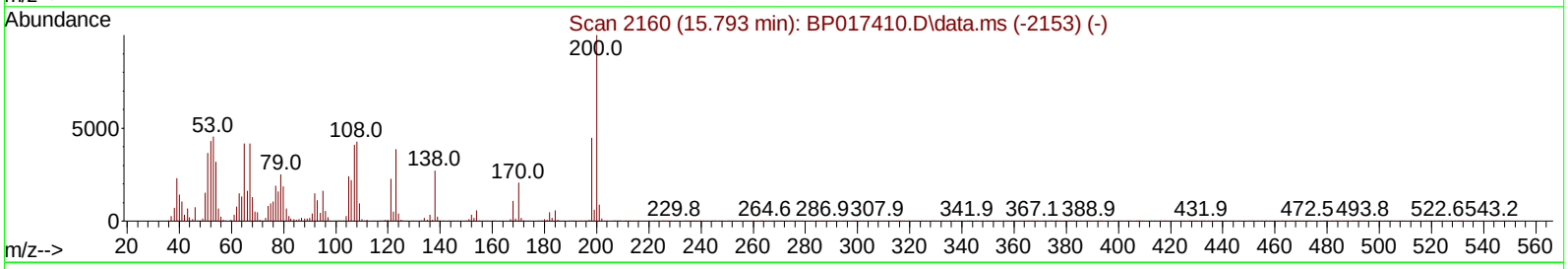
**Instrument :**
BNA_P
**ClientSampleId :**
EZYF5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023




TIC: BP017433.D\data.ms

**(65) 4,6-Dinitro-2-methylphenol-d2 (S)**

**15.739min (-0.077) 0.03 ng/ul**

**response 126**

| Ion | Exp% | Act% |
|---|---|---|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 18.80 | 15.45 |
| 52.00 | 41.50 | 45.81 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_P
**ClientSampleId :**
EZYF5

**Manual IntegrationsAPPROVED**

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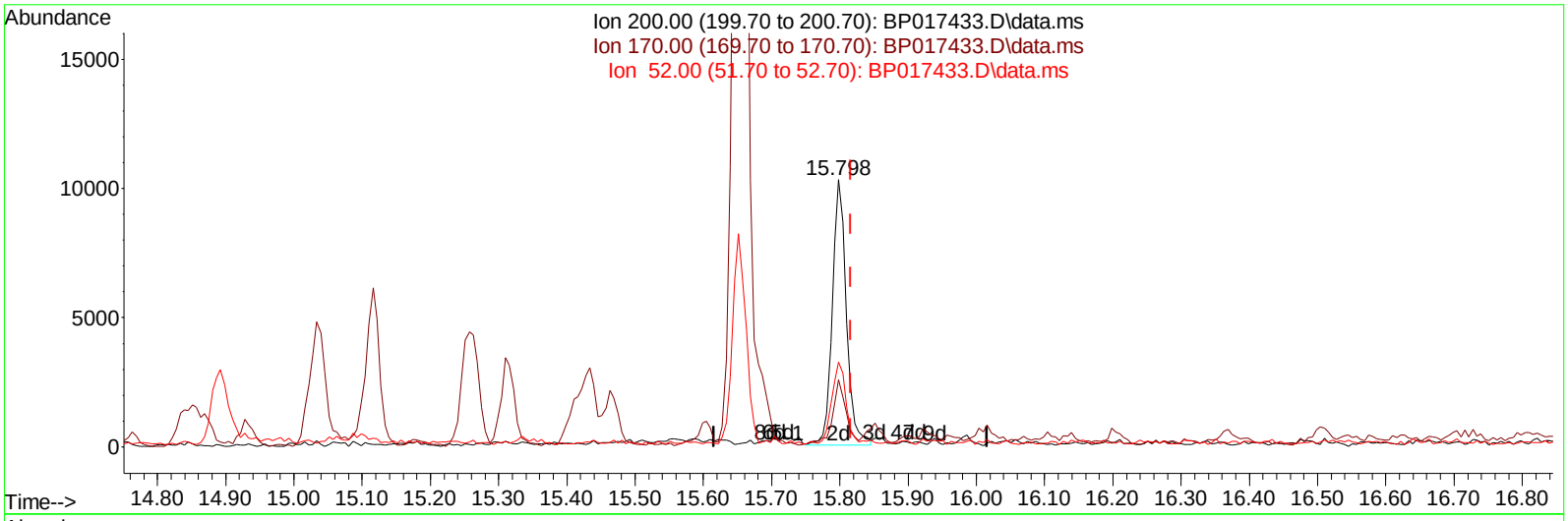
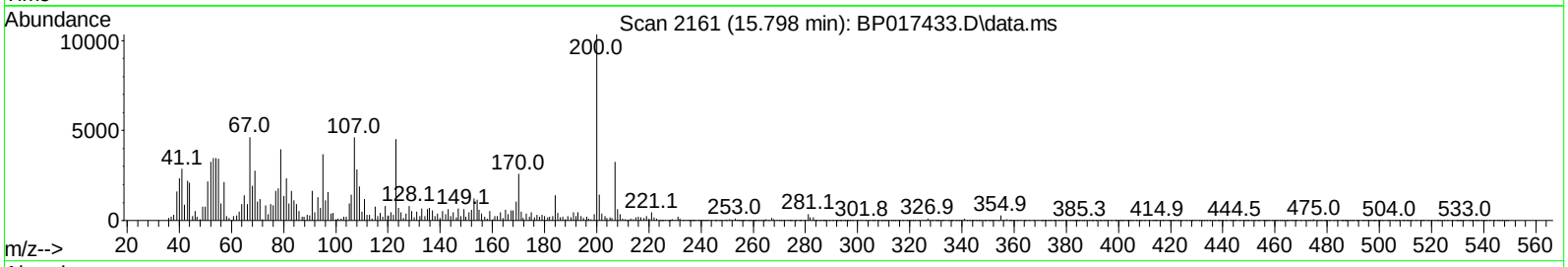
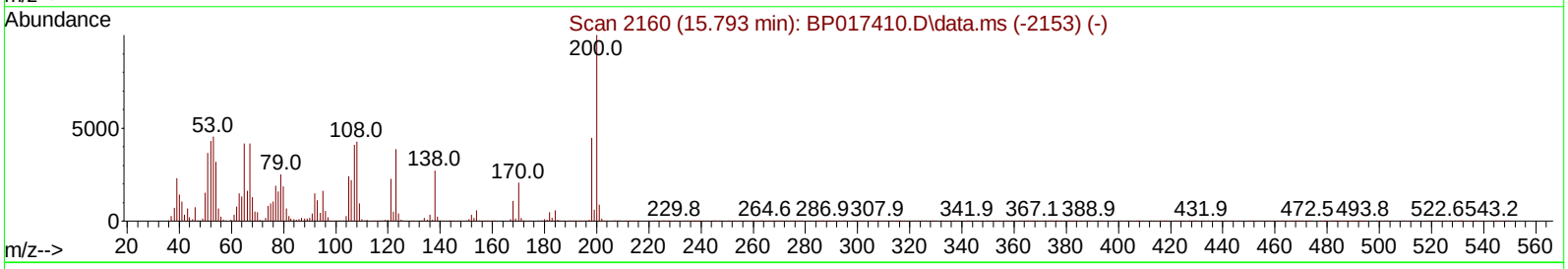



TIC: BP017433.D\data.ms

**(65) 4,6-Dinitro-2-methylphenol-d2 (S)**

**15.798min (-0.018) 3.53 ng/ul m**

**response 14757**

| Ion | Exp% | Act% |
|---|---|---|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 18.80 | 25.02# |
| 52.00 | 41.50 | 31.62# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

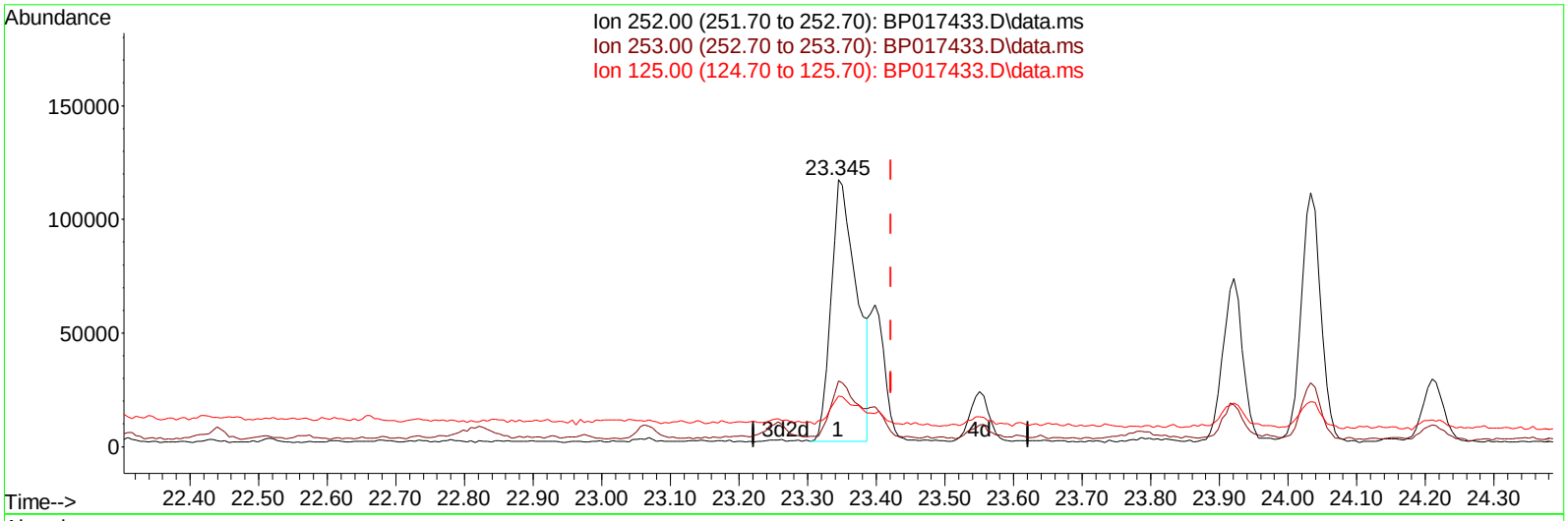
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017433.D
Acq On : 29 Sep 2023 02:33
Operator : MA/JU
Sample : 04417-29
Misc :
ALS Vial : 24 Sample Multiplier: 1

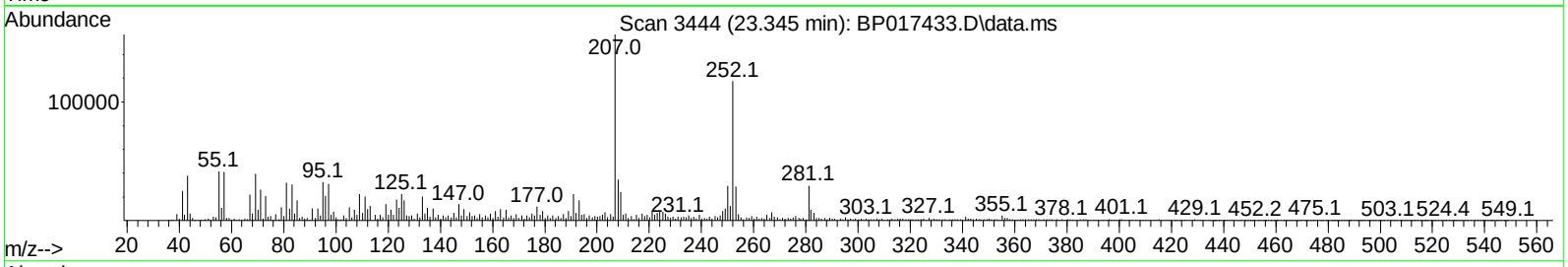
Quant Time: Sep 29 03:52:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 23:22:11 2023
Response via : Initial Calibration

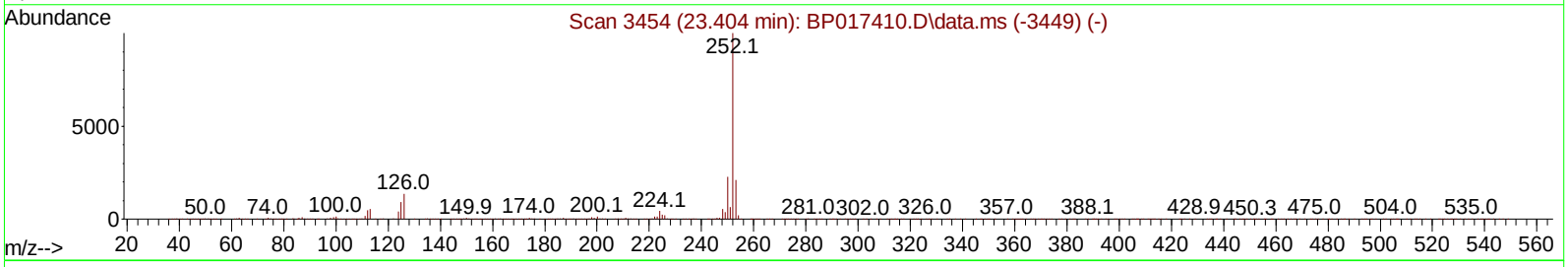
**Instrument :**
BNA_P
**ClientSampleId :**
EZYF5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023




TIC: BP017433.D\data.ms

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

**23.345min (-0.077) 6.37 ng/ul**

**response 298820**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.40 | 24.73 |
| 125.00 | 9.70 | 18.96# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Acq On : 29 Sep 2023 02:33
Operator : MA/JU
Sample : 04417-29
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 29 03:52:54 2023
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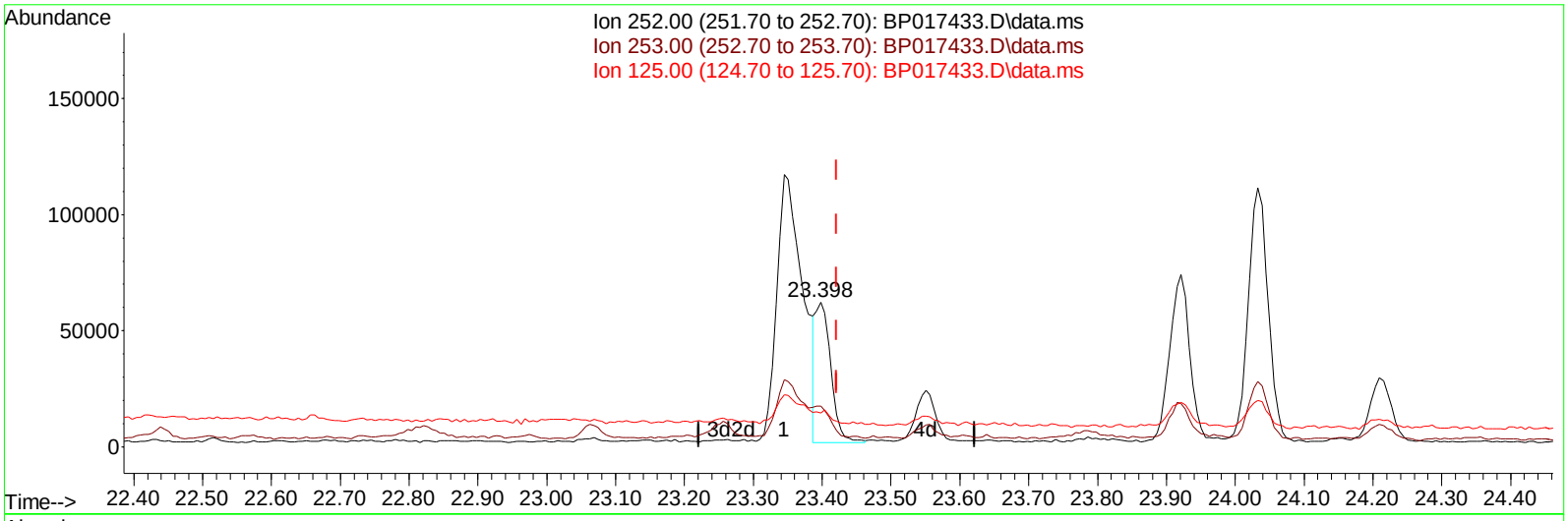
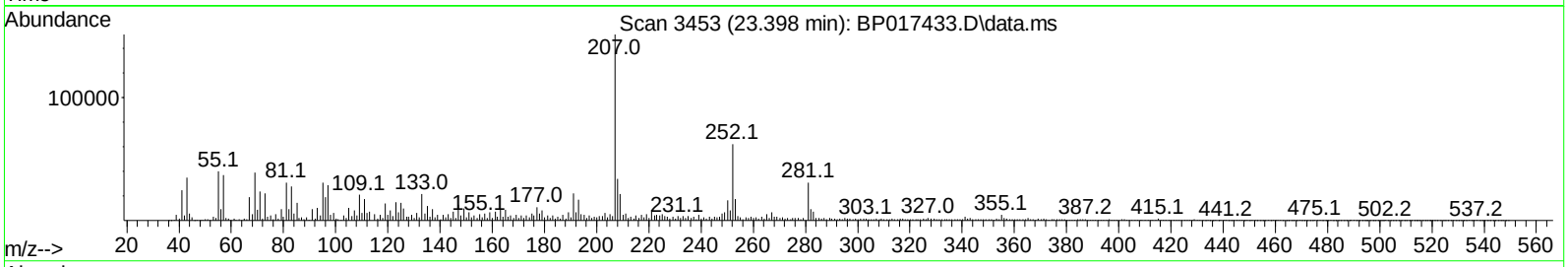
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 23:22:11 2023
Response via : Initial Calibration

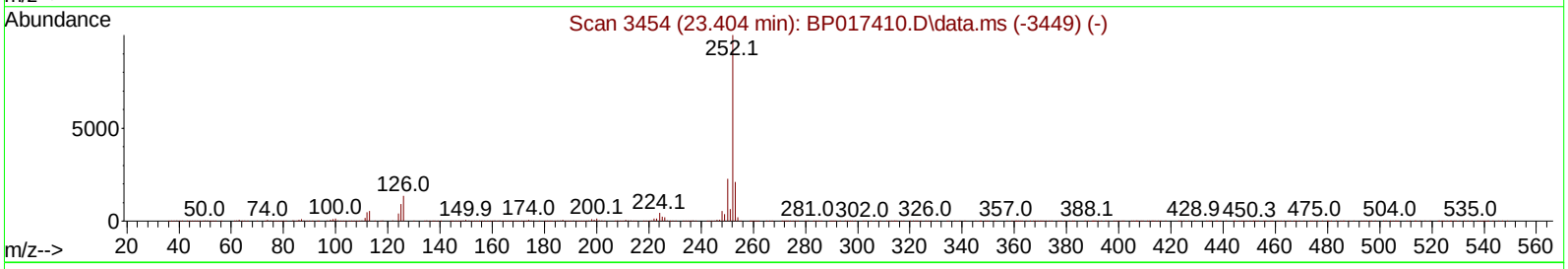
**Instrument :**
BNA_P
**ClientSampleId :**
EZYF5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023




TIC: BP017433.D\data.ms

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

**23.398min (-0.024) 1.99 ng/ul m**

**response 93218**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.40 | 28.30# |
| 125.00 | 9.70 | 23.53# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017433.D
Acq On : 29 Sep 2023 02:33
Operator : MA/JU
Sample : 04417-29
Misc :
ALS Vial : 24 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 23:22:11 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
EZYF5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.957 | 152 | 127661 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.798 | 136 | 525090 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.651 | 164 | 328063 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.439 | 188 | 742457 | 20.000 | ng/ul | -0.01 |
| 79) Chrysene-d12 | 21.569 | 240 | 665472 | 20.000 | ng/ul | -0.01 |
| 88) Perylene-d12 | 24.151 | 264 | 788905 | 20.000 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.299 | 96 | 10782 | 3.469 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.752 | 84 | 17842 | 2.053 | ng/ul | 0.01 |
| 7) Phenol-d5 | 7.110 | 99 | 188300 | 17.959 | ng/ul | -0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.299 | 67 | 116404 | 18.397 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.475 | 132 | 158104 | 19.013 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.681 | 113 | 84479 | 10.364 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.163 | 128 | 78397 | 20.652 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.881 | 143 | 80683 | 19.574 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.416 | 165 | 146050 | 18.755 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.969 | 131 | 145909 | 12.934 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.063 | 166 | 478348 | 20.354 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 14.351 | 160 | 540925 | 20.012 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 14.892 | 143 | 42279 | 10.326 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.651 | 176 | 431631 | 21.333 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.798 | 200 | 14757m | 3.526 | ng/ul | -0.02 |
| 73) Anthracene-d10 | 17.539 | 188 | 666920 | 20.254 | ng/ul | -0.01 |
| 81) Pyrene-d10 | 19.792 | 212 | 825702 | 22.944 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 23.980 | 264 | 777156 | 20.460 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 8) Phenol | 7.146 | 94 | 13162 | 1.248 | ng/ul | 94 |
| 16) Acetophenone | 8.816 | 105 | 58799 | 4.668 | ng/ul | 96 |
| 69) Hexachlorobenzene | 16.692 | 284 | 11017 | 1.273 | ng/ul | 95 |
| 72) Phenanthrene | 17.480 | 178 | 100880 | 2.594 | ng/ul | 98 |
| 80) Fluoranthene | 19.457 | 202 | 256320 | 6.107 | ng/ul | 98 |
| 82) Pyrene | 19.822 | 202 | 249317 | 5.588 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.551 | 228 | 202588 | 4.511 | ng/ul# | 94 |
| 87) Chrysene | 21.610 | 228 | 196883 | 4.658 | ng/ul# | 92 |
| 90) Benzo(b)fluoranthene | 23.345 | 252 | 298820 | 6.425 | ng/ul# | 88 |
| 91) Benzo(k)fluoranthene | 23.398 | 252 | 93218m | 1.986 | ng/ul | |
| 93) Benzo(a)pyrene | 24.033 | 252 | 218378 | 4.907 | ng/ul# | 89 |
| 94) Indeno(1,2,3-cd)pyrene | 26.892 | 276 | 148856 | 2.669 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 27.745 | 276 | 136664 | 3.038 | ng/ul | 96 |

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

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