Quantitation Report (Qedit)

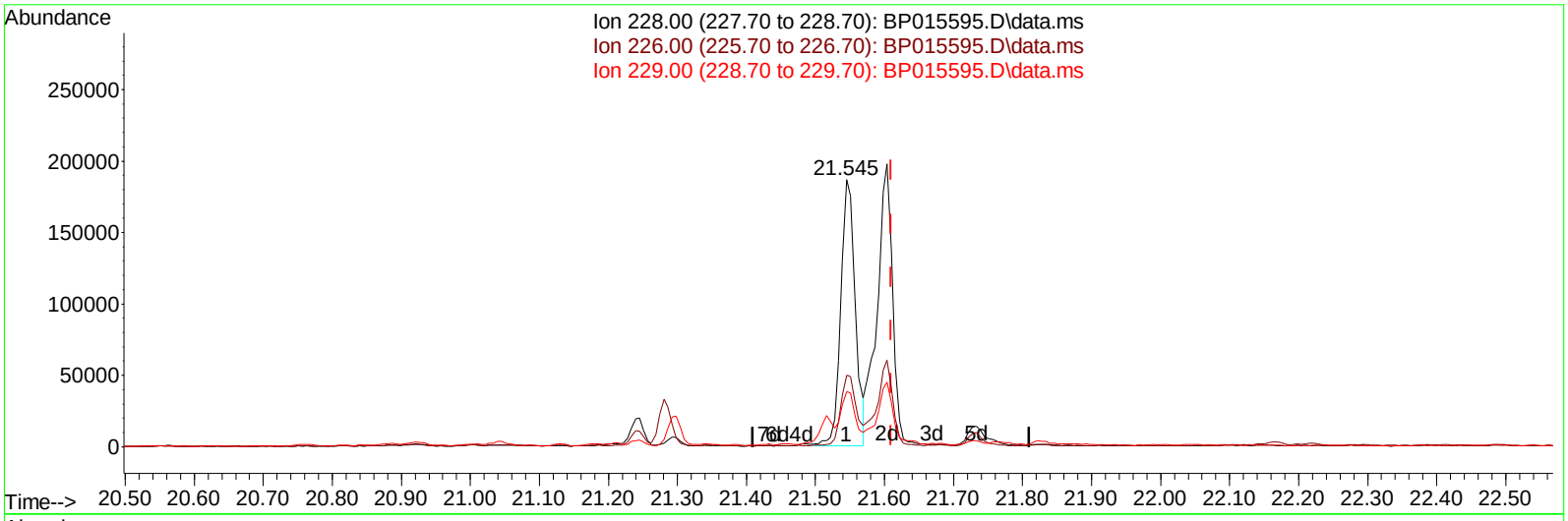
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
Data File : BP015595.D
Acq On : 16 Jun 2023 23:41
Operator : MA/JU
Sample : 03080-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

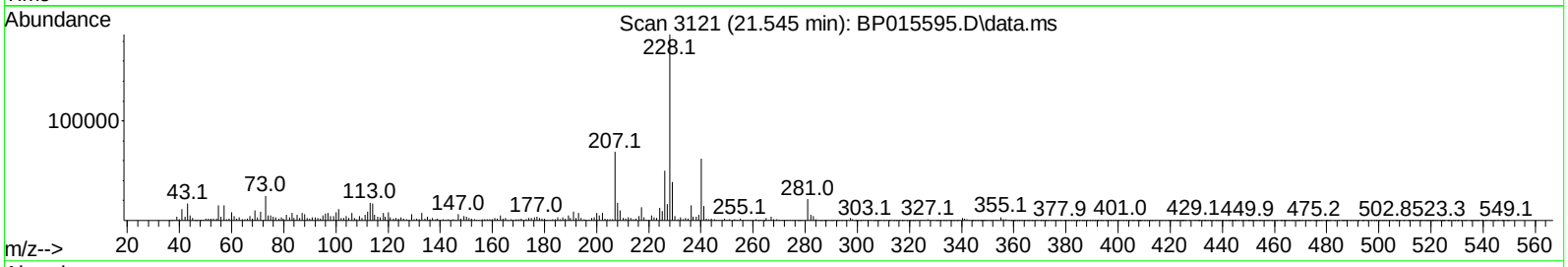
Quant Time: Jun 17 00:20:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

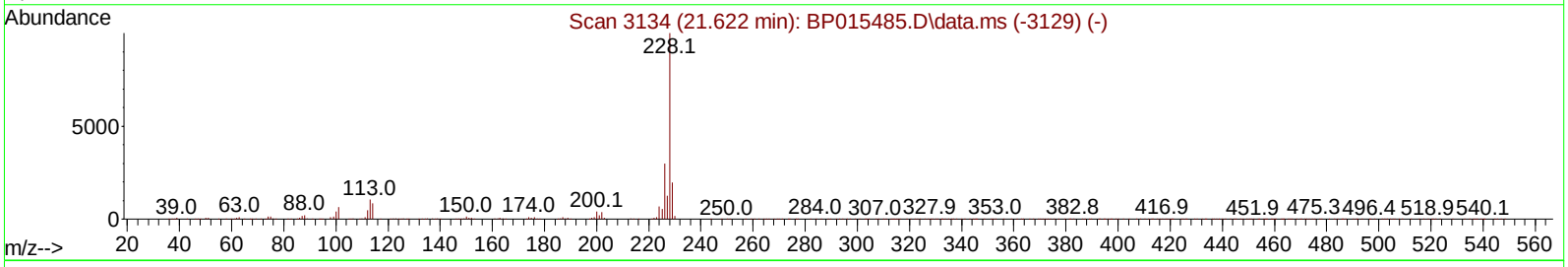
**Instrument :**
BNA_P
**ClientSampleId :**
DCFH6

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023




TIC: BP015595.D\data.ms

**(87) Chrysene**

**21.545min (-0.065) 4.79 ng/ul**

**response 271547**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 29.90 | 26.78 |
| 229.00 | 18.90 | 20.72 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
DCFH6

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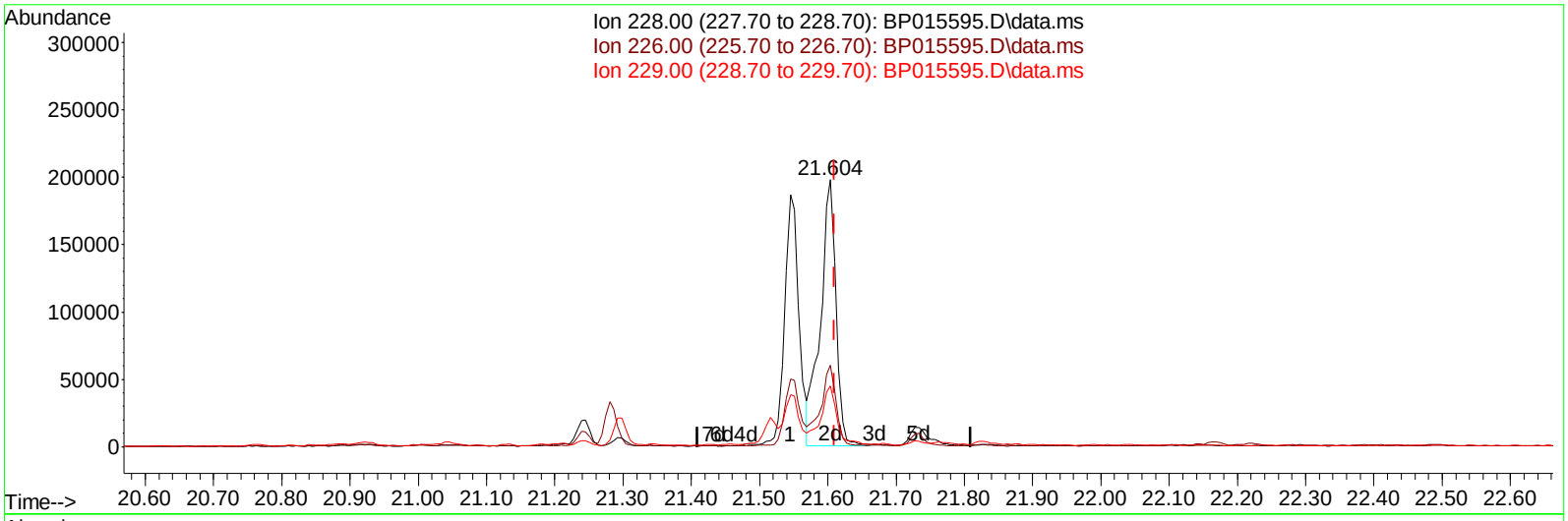
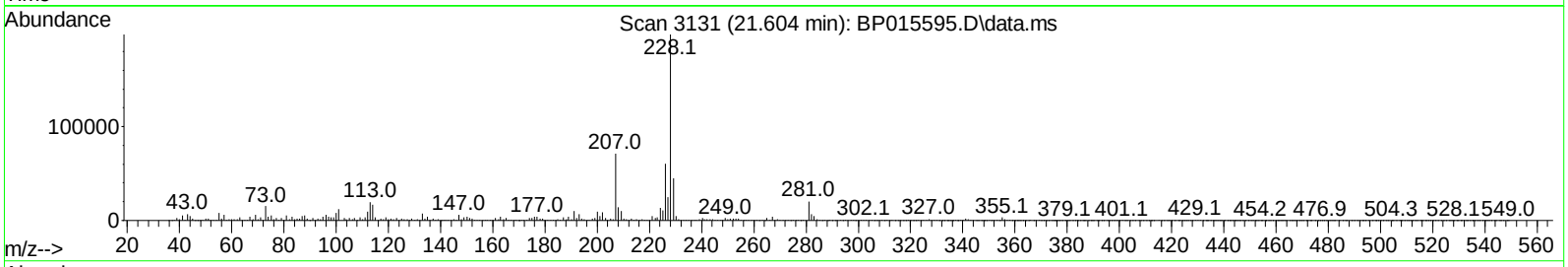
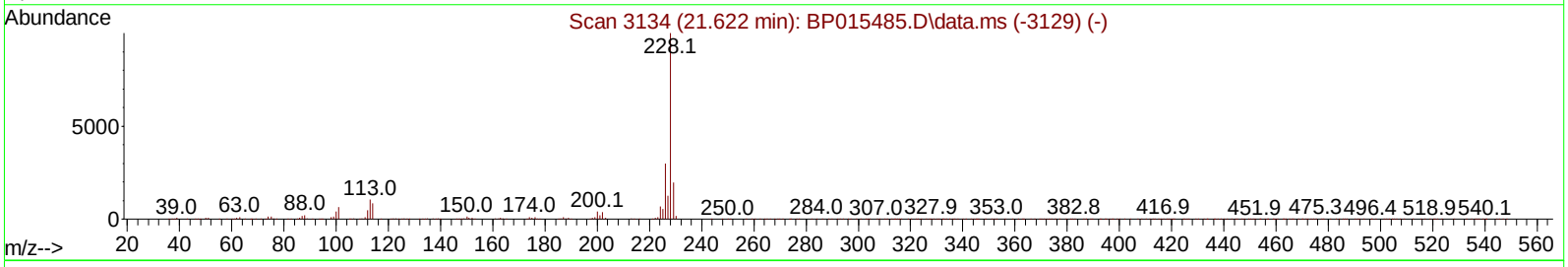
Supervised By :mohammad ahmed 06/20/2023




TIC: BP015595.D\data.ms

**(87) Chrysene**

**21.604min (-0.006) 5.52 ng/ul m**

**response 312843**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 29.90 | 30.49 |
| 229.00 | 18.90 | 22.84# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

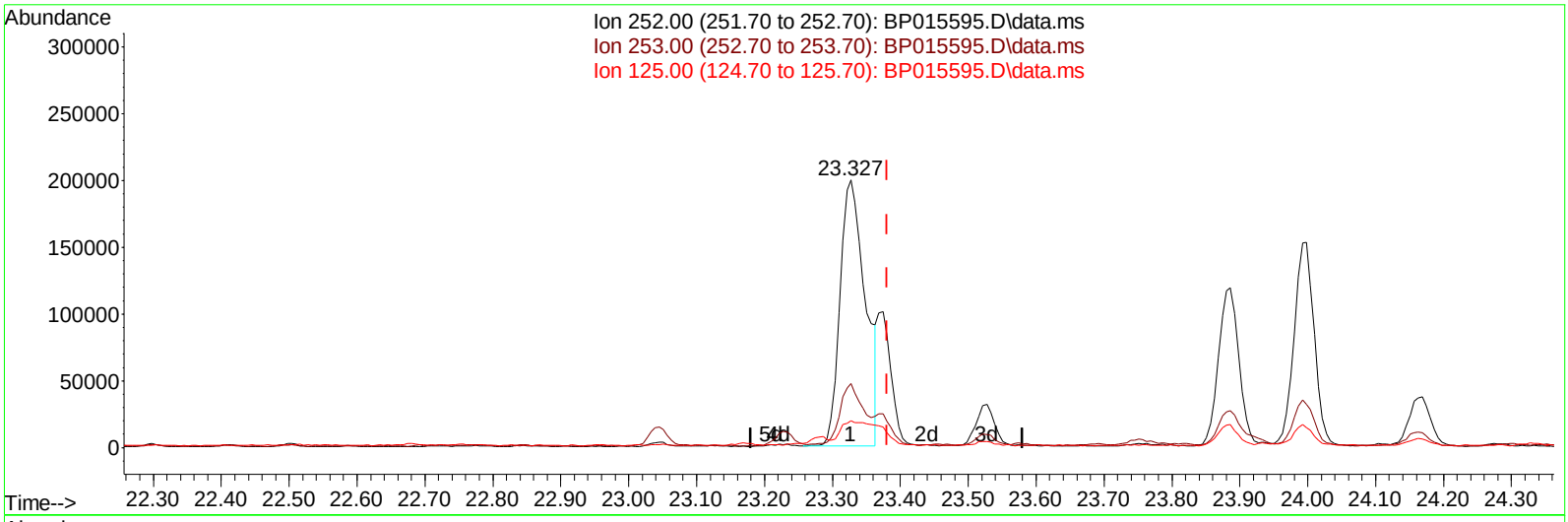
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
Data File : BP015595.D
Acq On : 16 Jun 2023 23:41
Operator : MA/JU
Sample : 03080-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

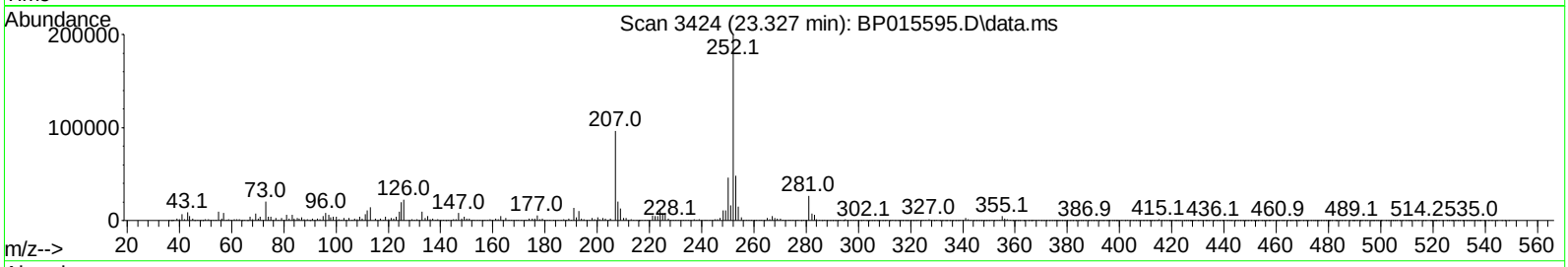
Quant Time: Jun 17 00:25:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

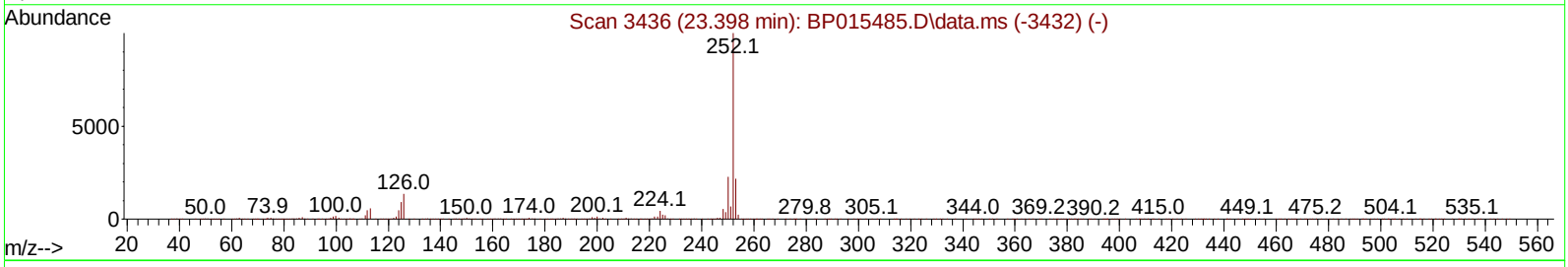
**Instrument :**
BNA_P
**ClientSampleId :**
DCFH6

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023




TIC: BP015595.D\data.ms

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

**23.327min (-0.053) 9.01 ng/ul**

**response 516421**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.10 | 24.02 |
| 125.00 | 9.10 | 10.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
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Acq On : 16 Jun 2023 23:41
Operator : MA/JU
Sample : 03080-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
DCFH6

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/19/2023
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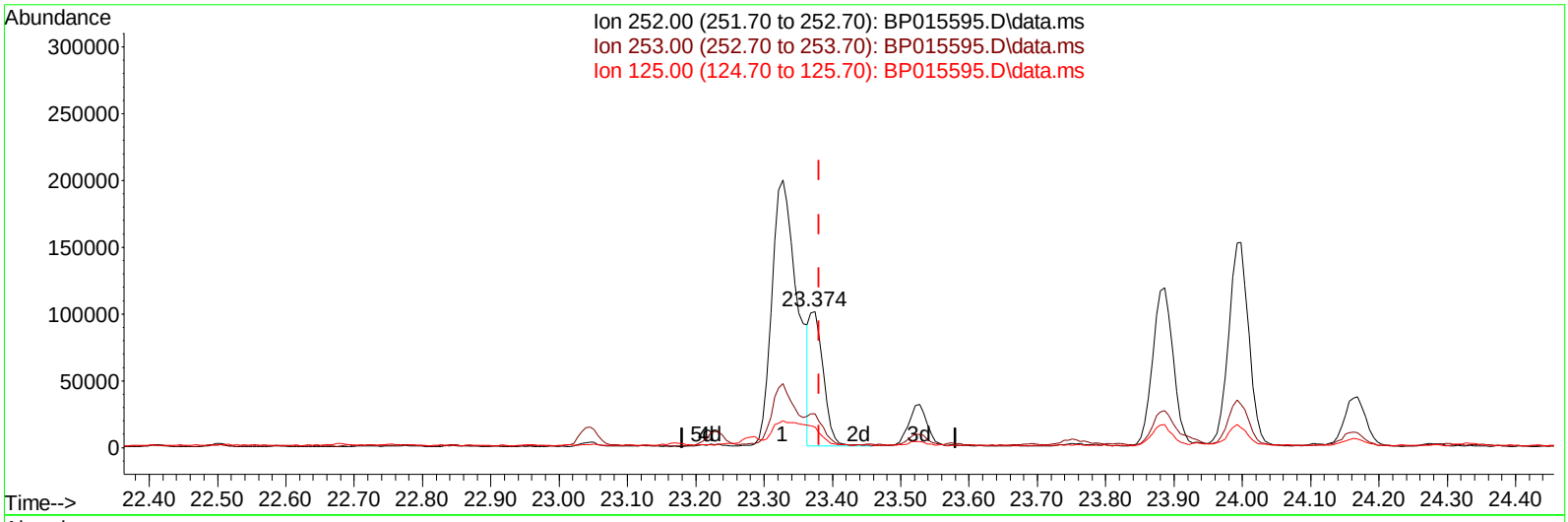


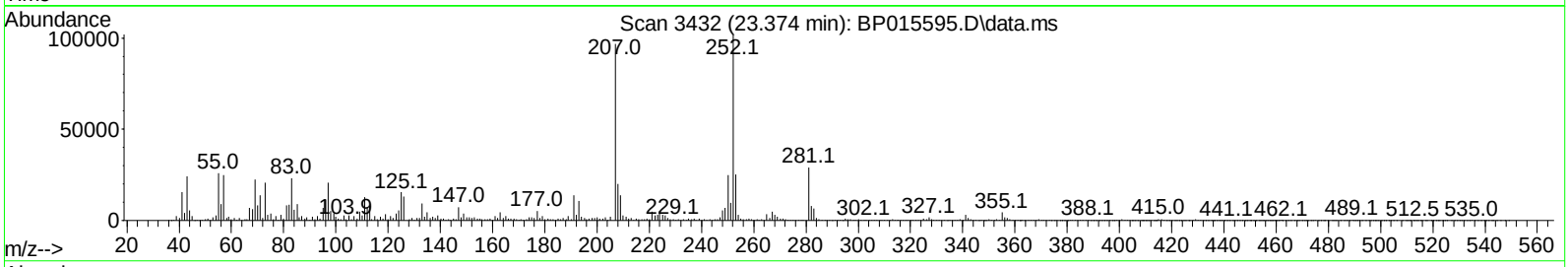


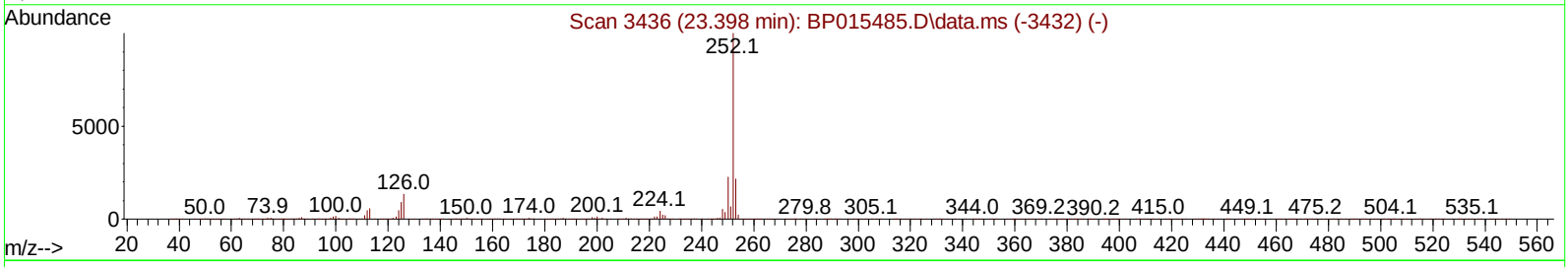


TIC: BP015595.D\data.ms

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

**23.374min (-0.006) 2.47 ng/ul m**

**response 141644**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.10 | 24.64 |
| 125.00 | 9.10 | 15.11# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
Data File : BP015595.D
Acq On : 16 Jun 2023 23:41
Operator : MA/JU
Sample : 03080-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 17 00:26:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
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**Instrument :**
BNA_P
**ClientSampleId :**
DCFH6

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.081 | 152 | 140282 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.910 | 136 | 616773 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.728 | 164 | 404020 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.481 | 188 | 910239 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.563 | 240 | 857255 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.110 | 264 | 919031 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.405 | 96 | 11373 | 3.002 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.846 | 84 | 118098 | 12.002 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.240 | 99 | 241604 | 18.695 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.405 | 67 | 155128 | 20.099 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.611 | 132 | 194957 | 20.807 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.799 | 113 | 174655 | 16.467 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.263 | 128 | 101633 | 20.989 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.987 | 143 | 115503 | 20.887 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.534 | 165 | 204560 | 20.279 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.057 | 131 | 187842 | 12.973 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.134 | 166 | 725329 | 22.767 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.422 | 160 | 790216 | 22.683 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.945 | 143 | 75822 | 13.290 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.722 | 176 | 603479 | 22.462 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.845 | 200 | 98647 | 17.107 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.581 | 188 | 926735 | 22.377 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.804 | 212 | 1171084 | 25.524 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.945 | 264 | 1094470 | 23.734 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.528 | 178 | 167903 | 3.437 | ng/ul | 98 |
| 80) Fluoranthene | 19.480 | 202 | 524372 | 9.382 | ng/ul | 98 |
| 82) Pyrene | 19.833 | 202 | 443307 | 7.667 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.545 | 228 | 270560 | 4.515 | ng/ul | 99 |
| 87) Chrysene | 21.604 | 228 | 312843m | 5.523 | ng/ul | |
| 90) Benzo(b)fluoranthene | 23.327 | 252 | 516421 | 8.705 | ng/ul | 96 |
| 91) Benzo(k)fluoranthene | 23.374 | 252 | 141644m | 2.470 | ng/ul | |
| 93) Benzo(a)pyrene | 23.998 | 252 | 314580 | 6.082 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.798 | 276 | 240090 | 3.587 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 26.810 | 278 | 59086 | 1.083 | ng/ul# | 86 |
| 96) Benzo(g,h,i)perylene | 27.627 | 276 | 221161 | 4.009 | ng/ul | 98 |

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

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