Quantitation Report (Qedit)

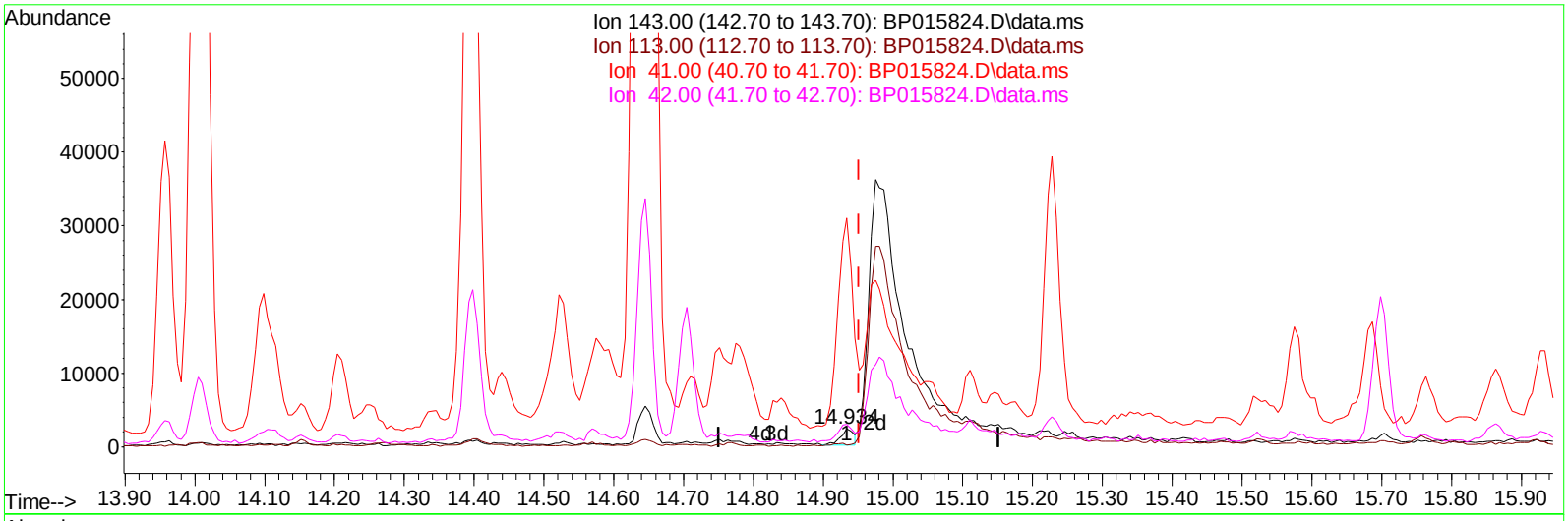
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015824.D
Acq On : 29 Jun 2023 23:10
Operator : MA/JU
Sample : O3161-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

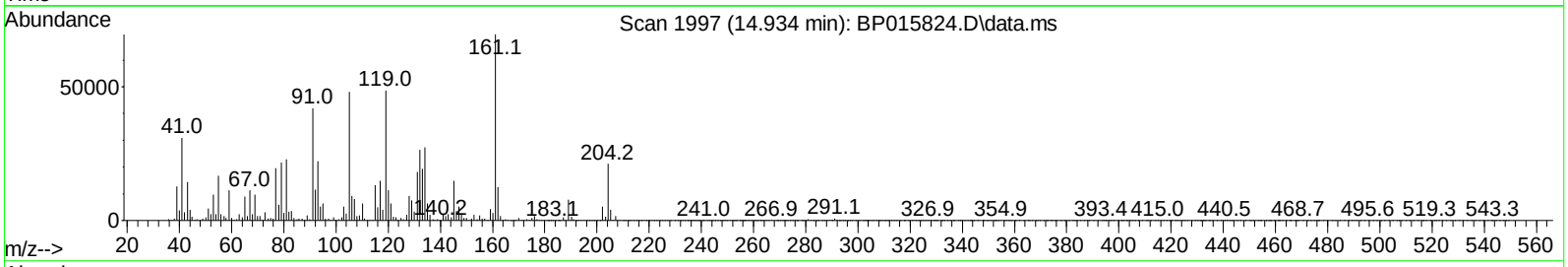
Quant Time: Jun 30 00:13:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration

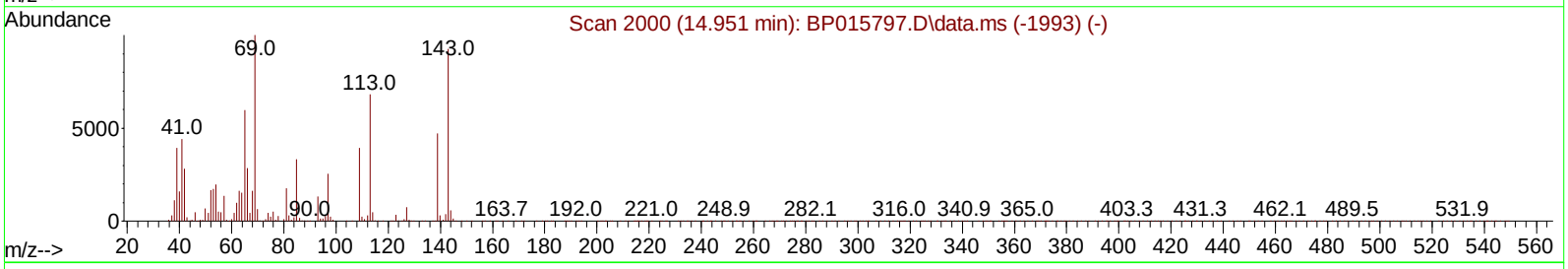
**Instrument :**
BNA_P
**ClientSampleId :**
DCFX2

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023




TIC: BP015824.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

**14.934min (-0.018) 0.39 ng/ul**

**response 2862**

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 94.00 | 10.28# |
| 41.00 | 45.70 | 1260.95# |
| 42.00 | 31.20 | 123.93# |

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**Instrument :**
BNA_P
**ClientSampleId :**
DCFX2

**Manual IntegrationsAPPROVED**

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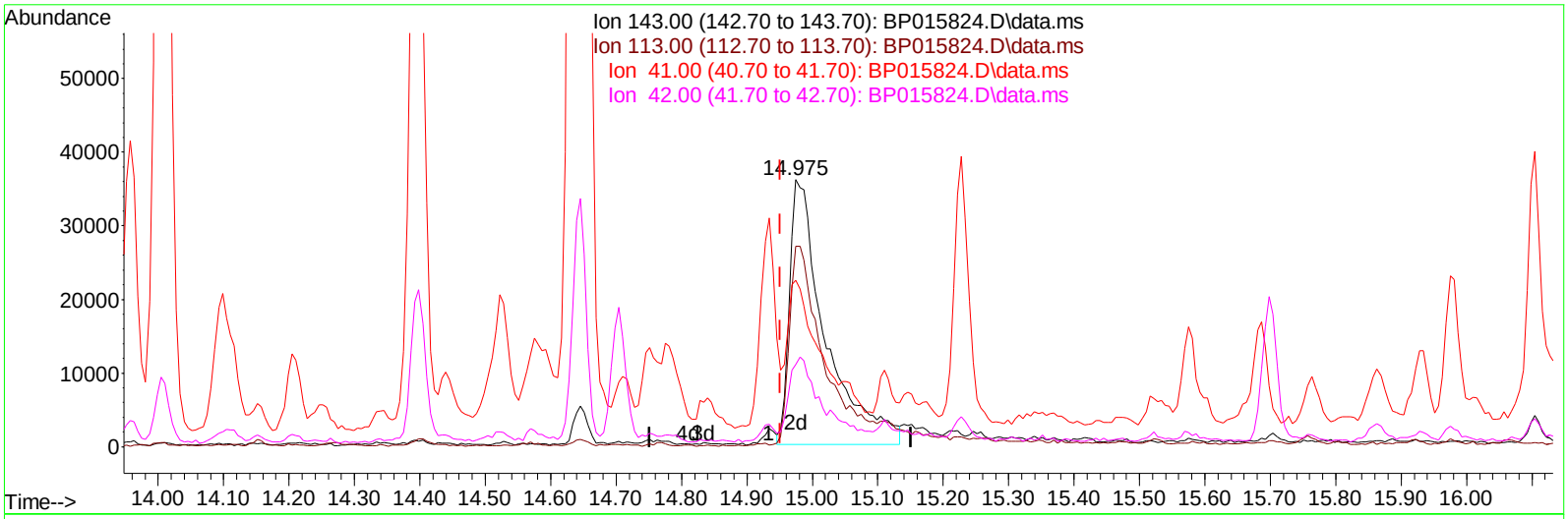


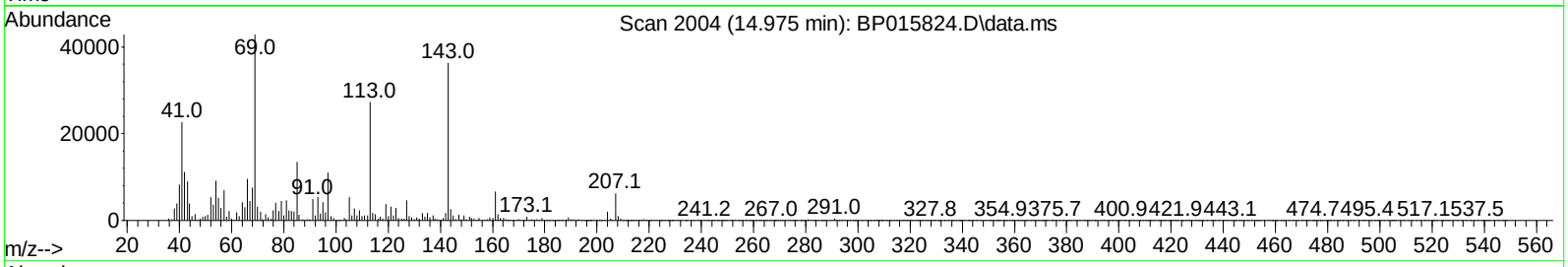


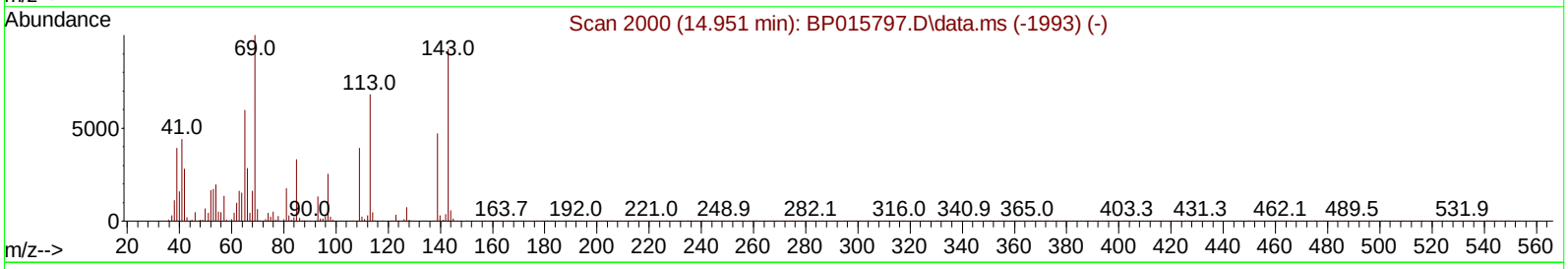


TIC: BP015824.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

**14.975min (+ 0.024) 18.68 ng/ul m**

**response 135670**

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 94.00 | 75.22 |
| 41.00 | 45.70 | 62.44# |
| 42.00 | 31.20 | 30.77 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015824.D
Acq On : 29 Jun 2023 23:10
Operator : MA/JU
Sample : O3161-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 30 00:25:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
DCFX2

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/30/2023
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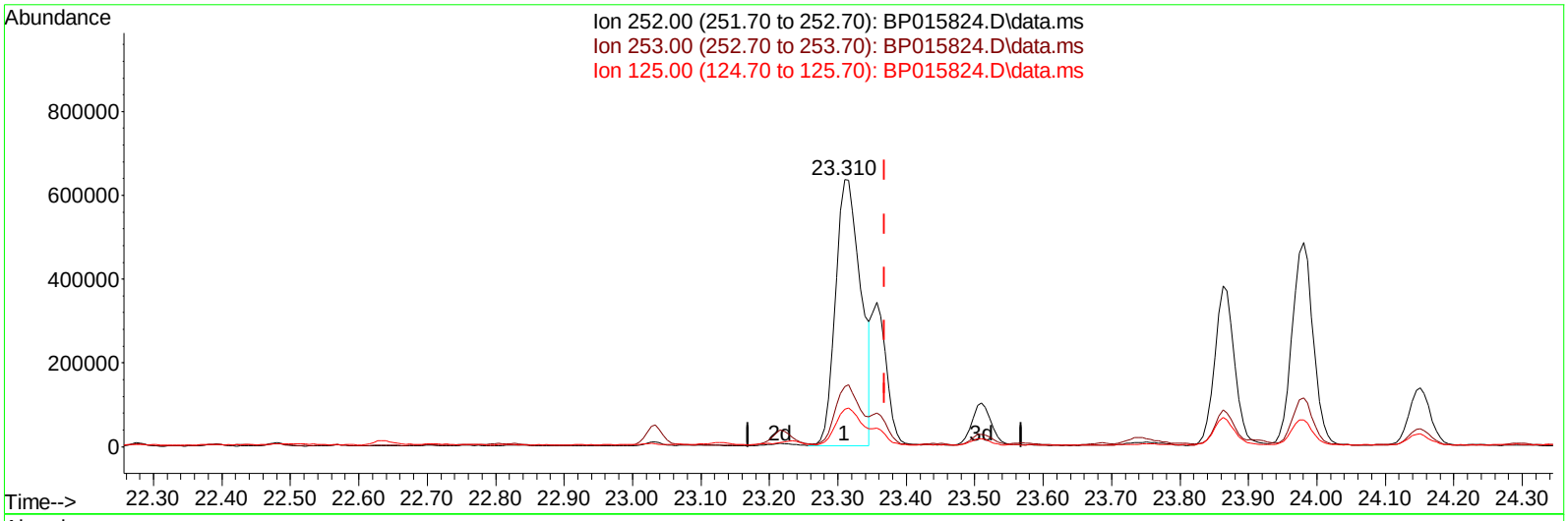


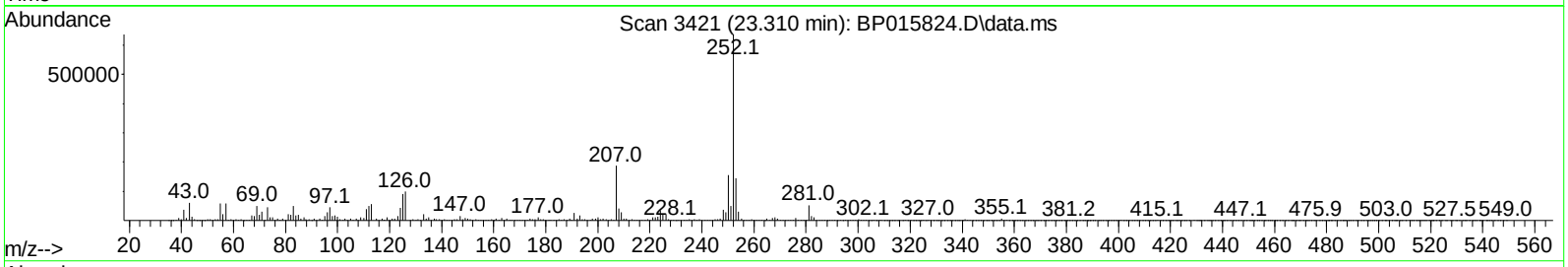


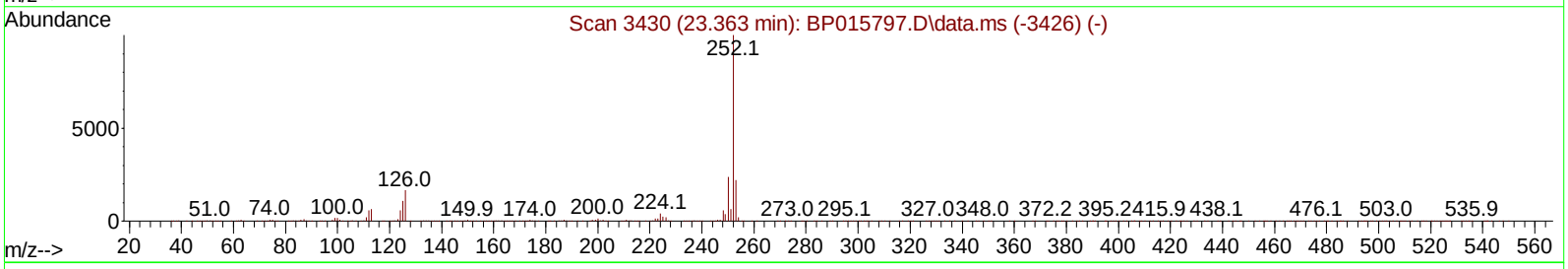


TIC: BP015824.D\data.ms

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

**23.310min (-0.059) 23.52 ng/ul**

**response 1631906**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.20 | 22.59 |
| 125.00 | 9.10 | 14.17# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Misc :
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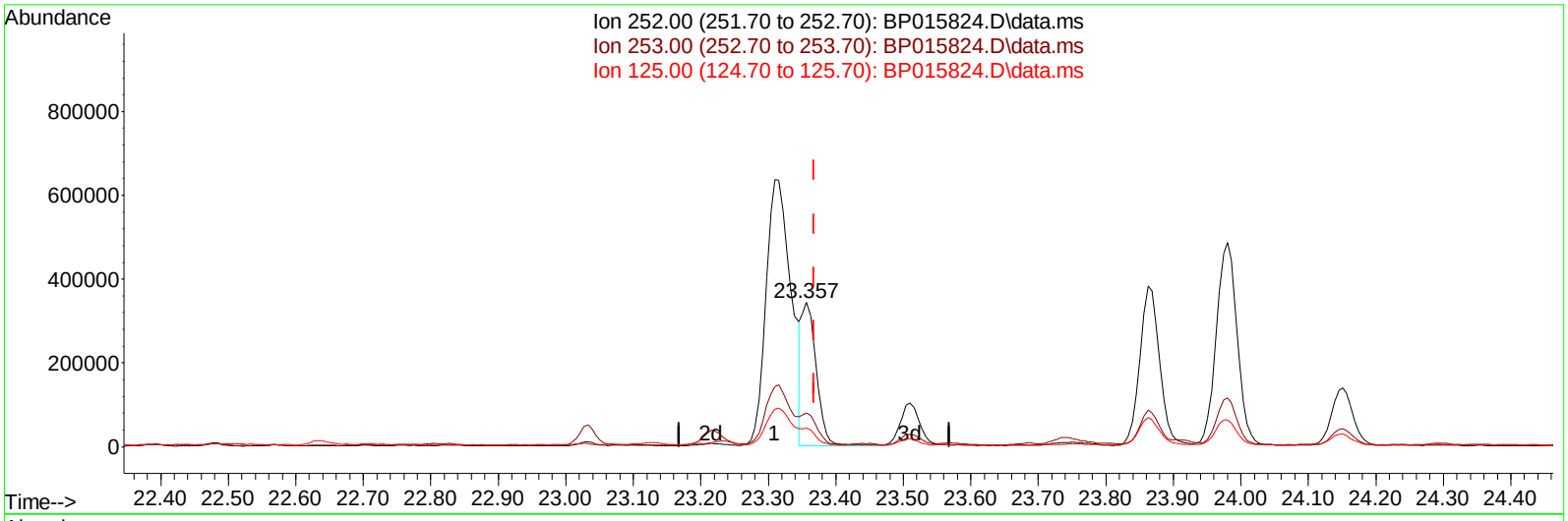
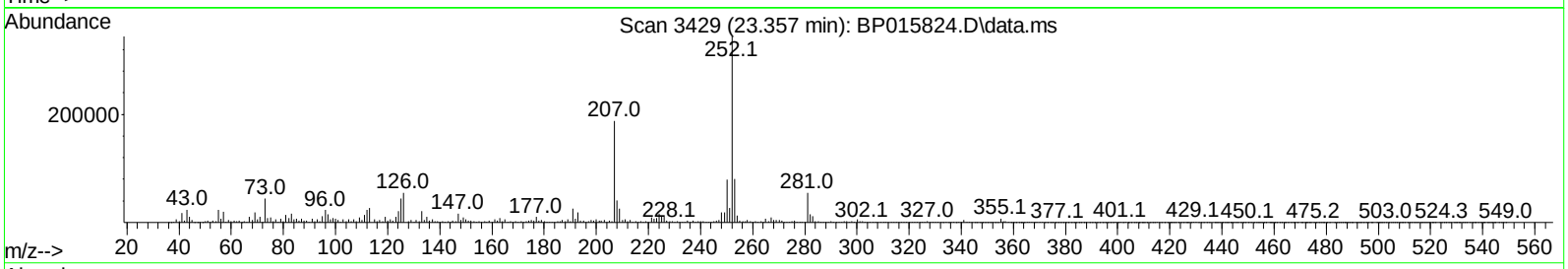
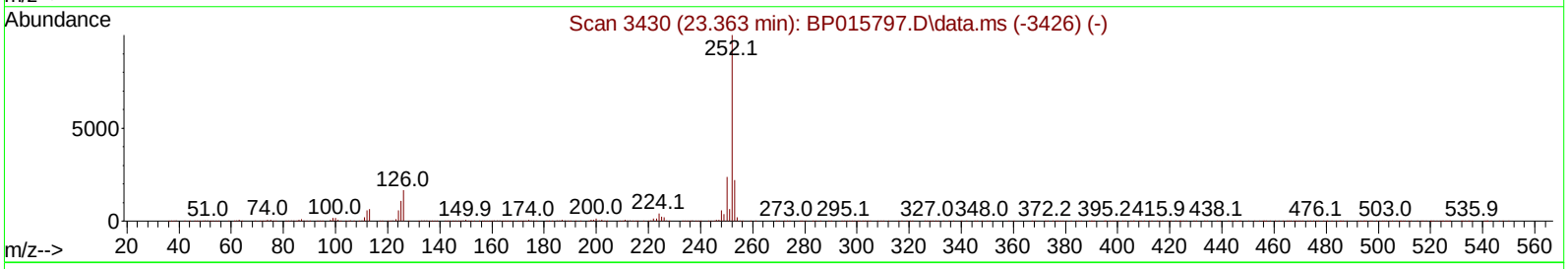
**Instrument :**
BNA_P
**ClientSampleId :**
DCFX2

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023




TIC: BP015824.D\data.ms

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

**23.357min (-0.012) 7.44 ng/ul m**

**response 516254**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.20 | 23.30 |
| 125.00 | 9.10 | 12.76# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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**Instrument :**
BNA_P
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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| **Internal Standards** | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.052 | 152 | 288812 | 20.000 ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.881 | 136 | 1220306 | 20.000 ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.704 | 164 | 712227 | 20.000 ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.463 | 188 | 1499064 | 20.000 ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.551 | 240 | 983816 | 20.000 ng/ul | # 0.00 |
| 88) Perylene-d12 | 24.092 | 264 | 1068606 | 20.000 ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | |
| 3) 1,4-Dioxane-d8 | 3.381 | 96 | 23808 | 2.966 ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.828 | 84 | 253954 | 12.550 ng/ul | 0.00 |
| 7) Phenol-d5 | 7.234 | 99 | 406209 | 16.438 ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.381 | 67 | 310279 | 20.295 ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.587 | 132 | 352338 | 18.888 ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.799 | 113 | 105981 | 5.429 ng/ul | 0.01 |
| 21) Nitrobenzene-d5 | 9.246 | 128 | 181537 | 19.466 ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.975 | 143 | 200949 | 18.462 ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.546 | 165 | 285480 | 14.718 ng/ul | 0.03 |
| 31) 4-Chloroaniline-d4 | 11.087 | 131 | 49046 | 1.968 ng/ul | 0.05 |
| 46) Dimethylphthalate-d6 | 14.116 | 166 | 1164115 | 21.147 ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.398 | 160 | 1322898 | 21.377 ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.975 | 143 | 135670m | 18.676 ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.698 | 176 | 985084 | 21.732 ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.863 | 200 | 111381 | 12.082 ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.563 | 188 | 1452062 | 21.206 ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.786 | 212 | 1577219 | 24.552 ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 23.927 | 264 | 1170537 | 21.715 ng/ul | 0.00 |
| **Target Compounds** | | | | | Qvalue |
| 52) Acenaphthene | 14.769 | 153 | 63414 | 1.341 ng/ul | 96 |
| 61) Fluorene | 15.757 | 166 | 63124 | 1.186 ng/ul | 97 |
| 72) Phenanthrene | 17.504 | 178 | 1618263 | 19.871 ng/ul | 100 |
| 74) Anthracene | 17.598 | 178 | 348189 | 4.255 ng/ul | 96 |
| 80) Fluoranthene | 19.463 | 202 | 3376417 | 42.290 ng/ul# | 92 |
| 82) Pyrene | 19.816 | 202 | 2694081 | 33.080 ng/ul# | 89 |
| 85) Benzo(a)anthracene | 21.533 | 228 | 1360579 | 19.660 ng/ul | 98 |
| 87) Chrysene | 21.586 | 228 | 1282345 | 19.530 ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 23.310 | 252 | 1631906 | 23.767 ng/ul# | 95 |
| 91) Benzo(k)fluoranthene | 23.357 | 252 | 516254m | 7.442 ng/ul | |
| 93) Benzo(a)pyrene | 23.980 | 252 | 1034618 | 17.245 ng/ul# | 95 |
| 94) Indeno(1,2,3-cd)pyrene | 26.792 | 276 | 765208 | 9.395 ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 26.792 | 278 | 210720 | 3.150 ng/ul# | 78 |
| 96) Benzo(g,h,i)perylene | 27.621 | 276 | 683520 | 10.201 ng/ul# | 94 |

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

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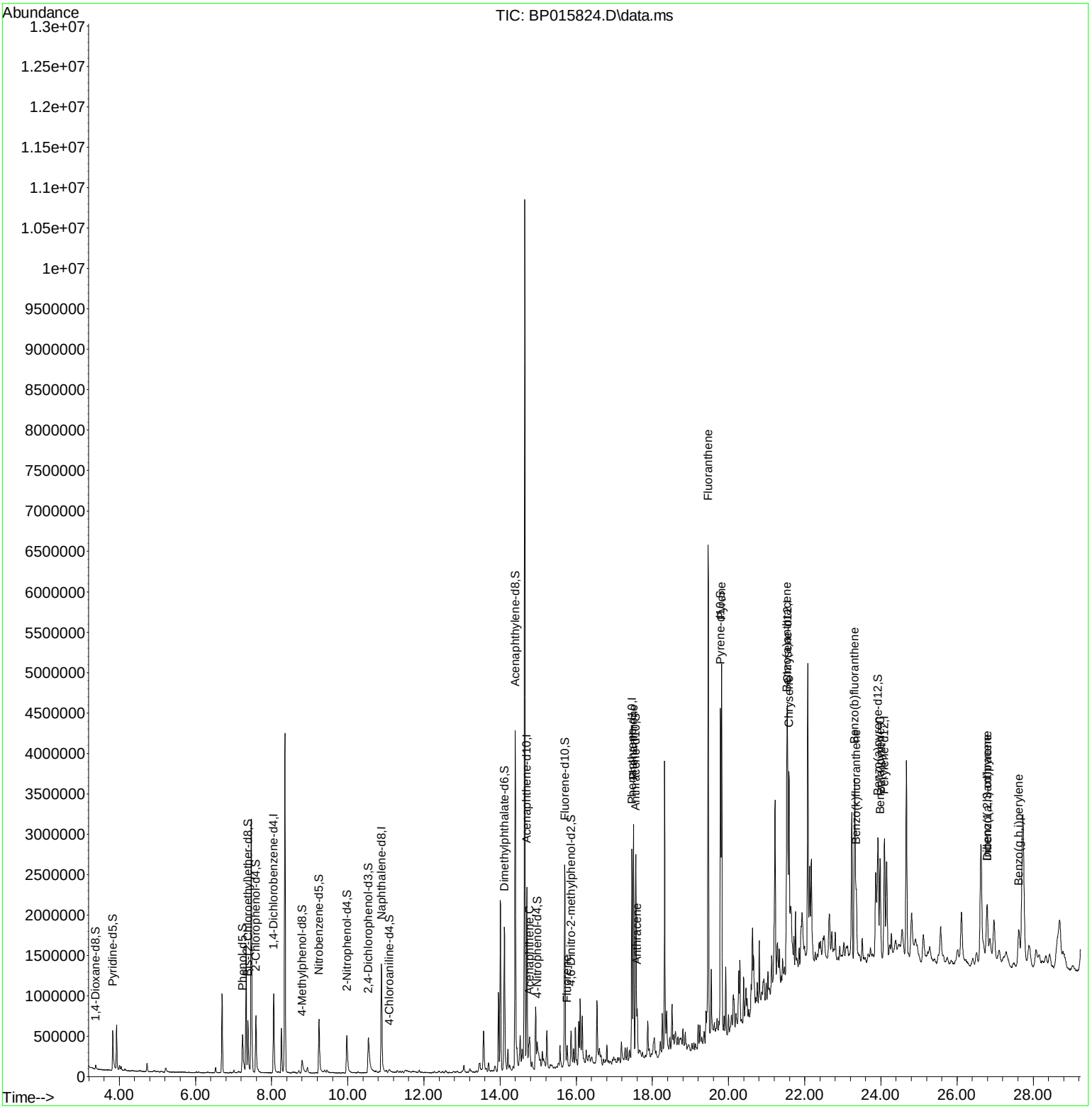
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