



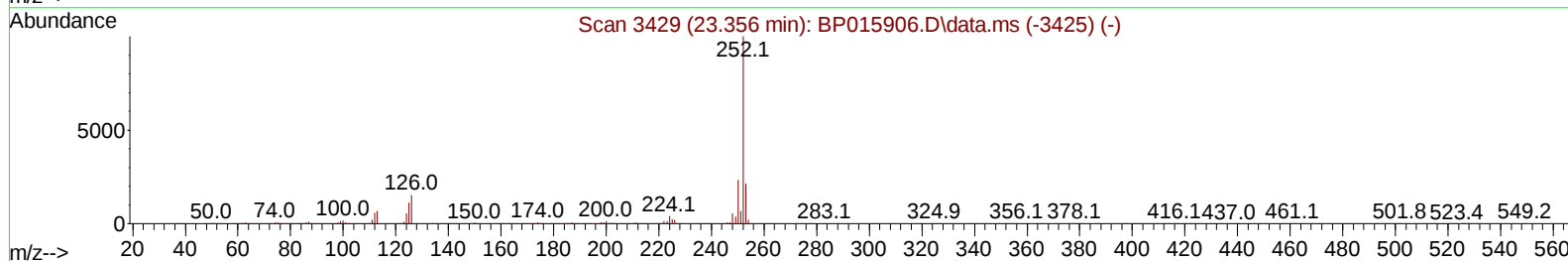
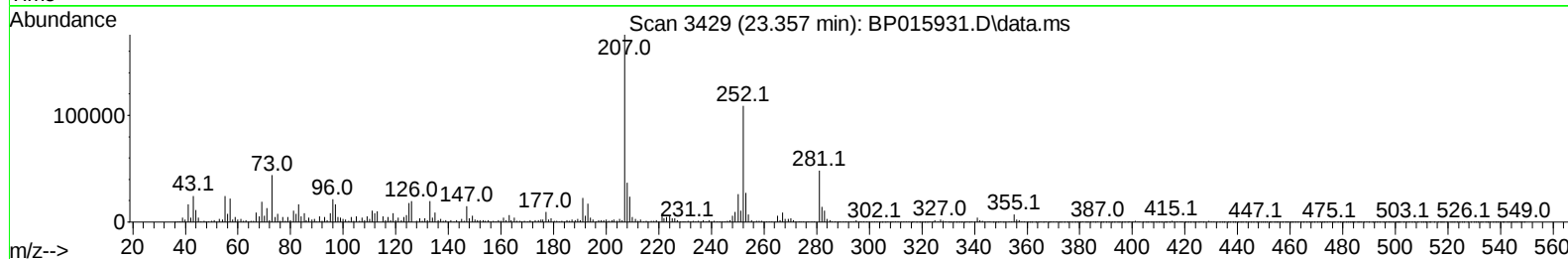
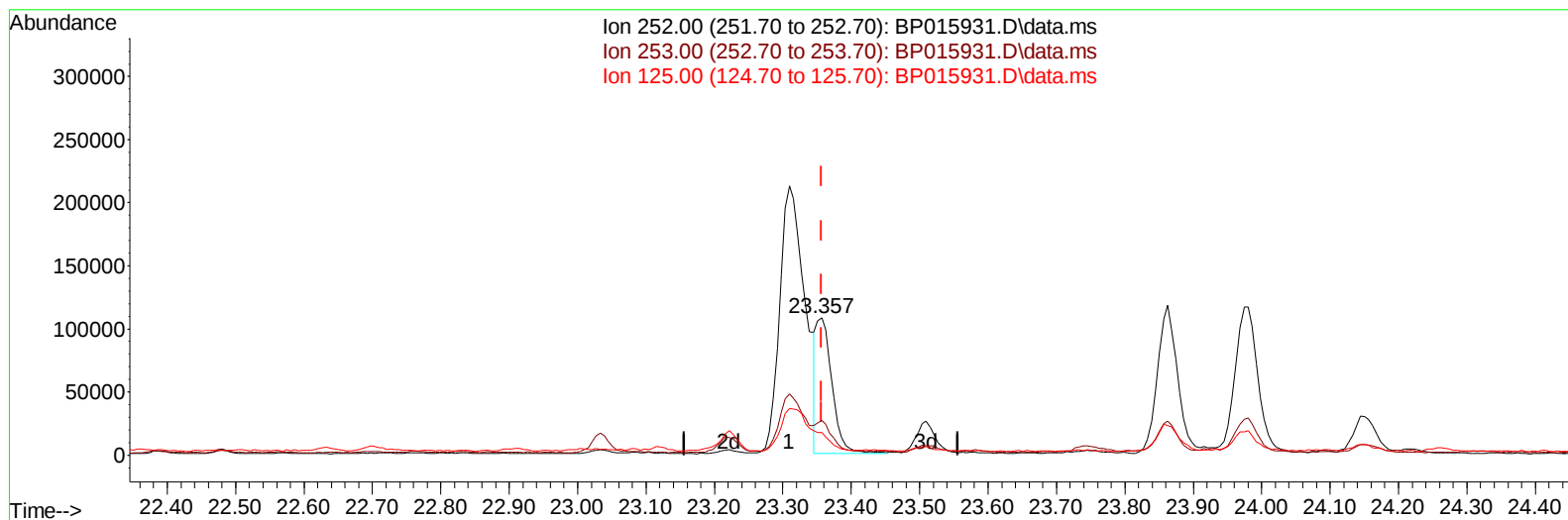
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070223\  
 Data File : BP015931.D  
 Acq On : 02 Jul 2023 19:09  
 Operator : MA/JU  
 Sample : 03245-06  
 Misc :  
 ALS Vial : 99 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCGG4

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:53:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Jul 02 06:12:16 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2023  
 Supervised By :mohammad ahmed 07/03/2023



TIC: BP015931.D\data.ms

(91) Benzo(k)fluoranthene

23.357min (+ 0.000) 2.00 ng/ul m

response 171169

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.20  | 25.03  |
| 125.00 | 9.10   | 16.56# |
| 0.00   | 0.00   | 0.00   |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.046  | 152  | 263970   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.875 | 136  | 1055492  | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.698 | 164  | 590575   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.457 | 188  | 1250629  | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.545 | 240  | 1138937  | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 24.092 | 264  | 1318042  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.375  | 96   | 39255    | 5.350  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.828  | 84   | 200476   | 10.840 | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 7.228  | 99   | 704470   | 31.191 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.369  | 67   | 477865   | 34.199 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.581  | 132  | 564974   | 33.138 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.787  | 113  | 528949   | 29.646 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.240  | 128  | 265939   | 32.969 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.969  | 143  | 296264   | 31.469 | ng/ul  | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 10.540 | 165  | 503440   | 30.008 | ng/ul  | 0.03     |
| 31) 4-Chloroaniline-d4        | 11.057 | 131  | 369442   | 17.142 | ng/ul  | 0.03     |
| 46) Dimethylphthalate-d6      | 14.110 | 166  | 1596677  | 34.979 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.392 | 160  | 1831820  | 35.699 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.986 | 143  | 210515   | 34.947 | ng/ul  | 0.04     |
| 60) Fluorene-d10              | 15.698 | 176  | 1331954  | 35.438 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.869 | 200  | 157675   | 20.501 | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.563 | 188  | 1994113  | 34.907 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.786 | 212  | 2435493  | 32.748 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.927 | 264  | 2409974  | 36.247 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.504 | 178  | 660210   | 9.717  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.463 | 202  | 1277418  | 13.821 | ng/ul# | 95       |
| 82) Pyrene                    | 19.816 | 202  | 884221   | 9.378  | ng/ul# | 91       |
| 85) Benzo(a)anthracene        | 21.533 | 228  | 315610   | 3.939  | ng/ul  | 97       |
| 87) Chrysene                  | 21.586 | 228  | 473379   | 6.228  | ng/ul  | 97       |
| 90) Benzo(b)fluoranthene      | 23.310 | 252  | 537845   | 6.351  | ng/ul# | 92       |
| 91) Benzo(k)fluoranthene      | 23.357 | 252  | 171169m  | 2.000  | ng/ul  |          |
| 93) Benzo(a)pyrene            | 23.974 | 252  | 262542   | 3.548  | ng/ul# | 92       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.803 | 276  | 192947   | 1.921  | ng/ul# | 95       |
| 96) Benzo(g,h,i)perylene      | 27.645 | 276  | 181970   | 2.202  | ng/ul# | 93       |
| -----                         |        |      |          |        |        |          |

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

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