

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
 Data File : BP014444.D  
 Acq On : 31 Mar 2023 15:25  
 Operator : CG/JU  
 Sample : 02041-01  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CB954

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 04/03/2023  
 Supervised By : Jagrut Upadhyay 04/03/2023

Quant Time: Mar 31 22:54:20 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 31 04:41:29 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.010  | 152  | 163697   | 20.000 | ng/u1 | 0.00     |
| 20) Naphthalene-d8            | 10.834 | 136  | 698598   | 20.000 | ng/u1 | 0.00     |
| 38) Acenaphthene-d10          | 14.663 | 164  | 431293   | 20.000 | ng/u1 | 0.00     |
| 64) Phenanthrene-d10          | 17.428 | 188  | 784279   | 20.000 | ng/u1 | 0.00     |
| 79) Chrysene-d12              | 21.516 | 240  | 638700   | 20.000 | ng/u1 | 0.00     |
| 88) Perylene-d12              | 24.033 | 264  | 770936   | 20.000 | ng/u1 | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.387  | 96   | 21074    | 4.992  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.822  | 84   | 180678   | 16.702 | ng/u1 | 0.00     |
| 7) Phenol-d5                  | 7.175  | 99   | 115542   | 7.653  | ng/u1 | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.334  | 67   | 346088   | 35.730 | ng/u1 | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.540  | 132  | 307024   | 28.137 | ng/u1 | 0.00     |
| 15) 4-Methylphenol-d8         | 8.728  | 113  | 222627   | 18.282 | ng/u1 | 0.00     |
| 21) Nitrobenzene-d5           | 9.187  | 128  | 201230   | 35.681 | ng/u1 | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.916  | 143  | 223867   | 34.666 | ng/u1 | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.457 | 165  | 369128   | 31.386 | ng/u1 | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.981 | 131  | 318976   | 20.590 | ng/u1 | 0.00     |
| 46) Dimethylphthalate-d6      | 14.075 | 166  | 1250272  | 35.753 | ng/u1 | 0.00     |
| 49) Acenaphthylene-d8         | 14.363 | 160  | 1369844  | 35.303 | ng/u1 | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.910 | 143  | 28881m   | 5.467  | ng/u1 | 0.03     |
| 60) Fluorene-d10              | 15.663 | 176  | 1010009  | 34.634 | ng/u1 | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.786 | 200  | 189637   | 32.861 | ng/u1 | 0.00     |
| 73) Anthracene-d10            | 17.528 | 188  | 1389701  | 36.614 | ng/u1 | 0.00     |
| 81) Pyrene-d10                | 19.757 | 212  | 1425421  | 33.226 | ng/u1 | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.868 | 264  | 1511893  | 36.912 | ng/u1 | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       |          |
| 2) 1,4-Dioxane                | 3.422  | 88   | 10692    | 2.305  | ng/uL | 96       |
| 52) Acenaphthene              | 14.728 | 153  | 64076    | 2.194  | ng/u1 | 93       |
| 61) Fluorene                  | 15.716 | 166  | 44885    | 1.349  | ng/u1 | 94       |
| -----                         |        |      |          |        |       |          |

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

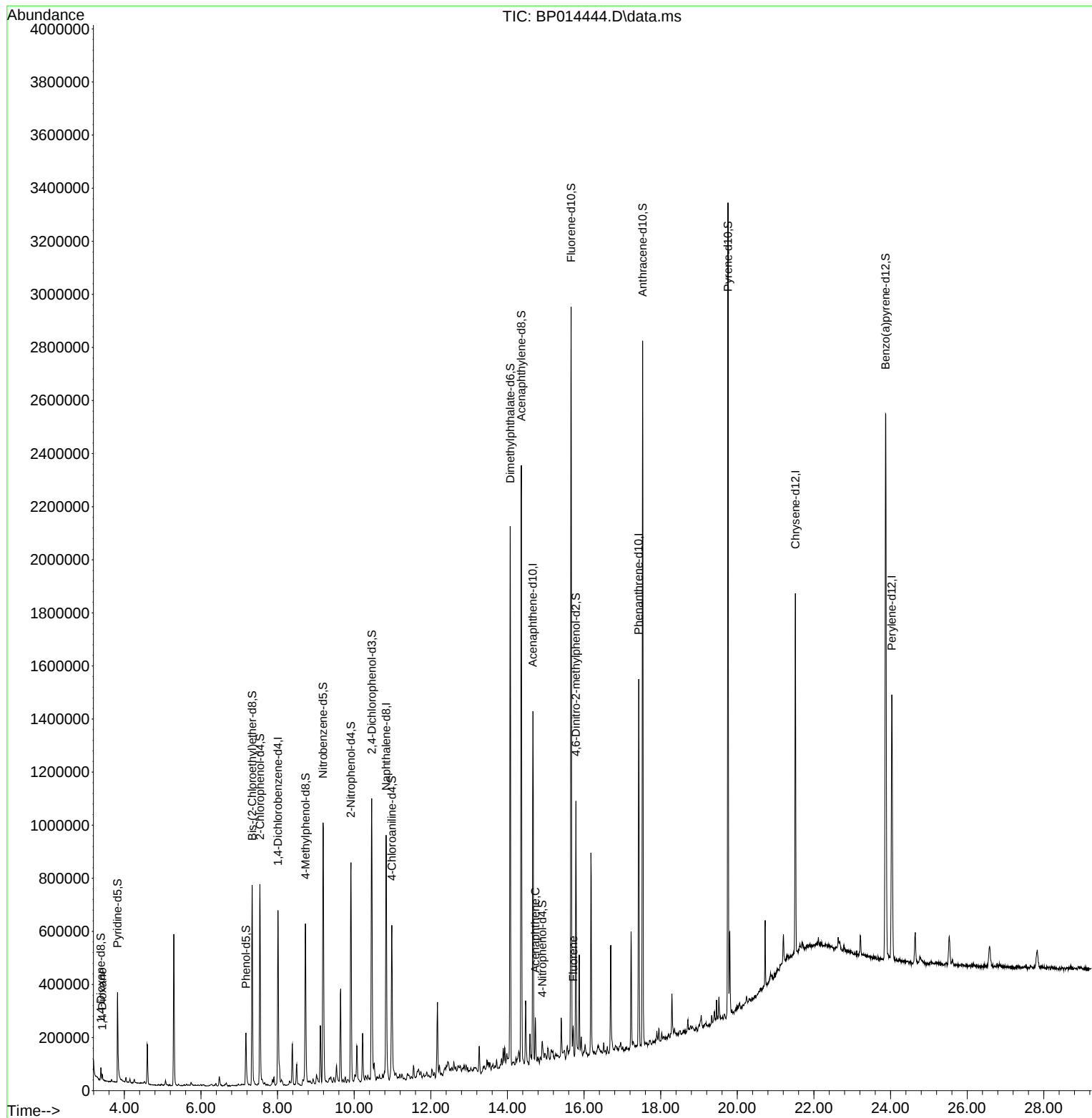
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014444.D  
Acq On : 31 Mar 2023 15:25  
Operator : CG/JU  
Sample : 02041-01  
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ALS Vial : 53 Sample Multiplier: 1

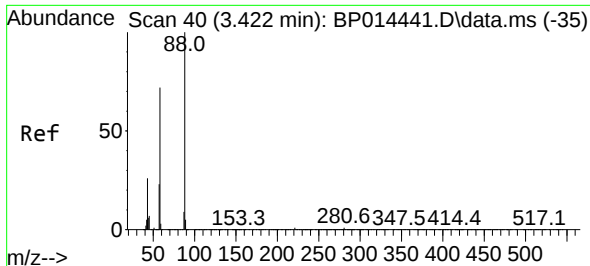
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
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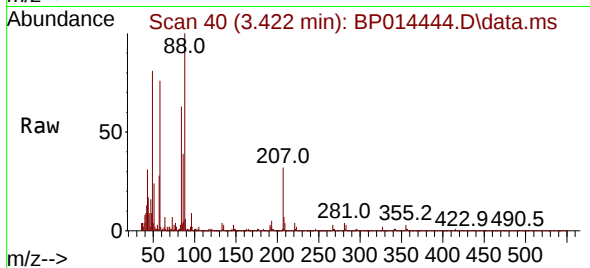
Reviewed By :Christian Giraldo 04/03/2023  
Supervised By :Jagrut Upadhyay 04/03/2023





#2  
1,4-Dioxane  
Concen: 2.305 ng/uL  
RT: 3.422 min Scan# 40  
Delta R.T. -0.000 min  
Lab File: BP014444.D  
Acq: 31 Mar 2023 15:25

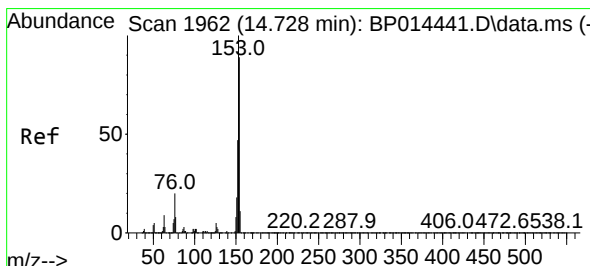
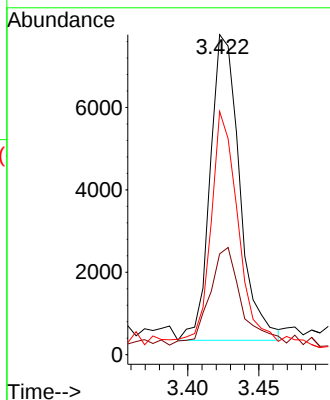
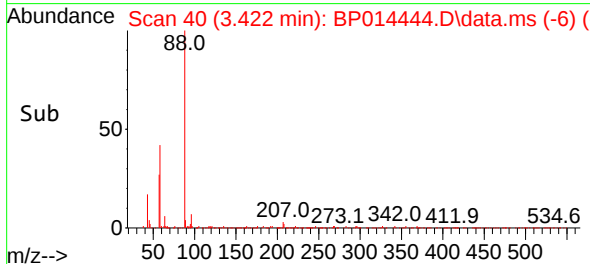
Instrument :  
BNA\_P  
ClientSampleId :  
CB954



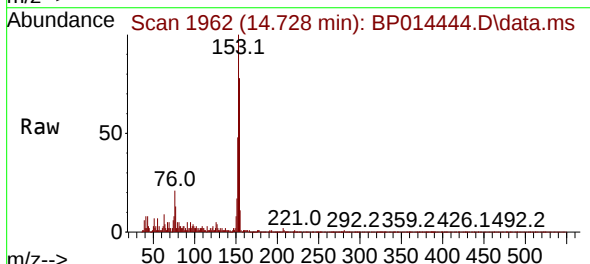
Tgt Ion: 88 Resp: 10692  
Ion Ratio Lower Upper  
88 100  
43 31.5 24.4 36.6  
58 76.0 57.4 86.0

Manual Integrations  
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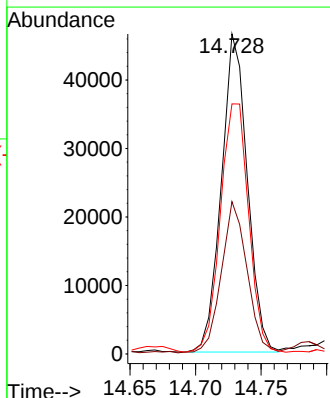
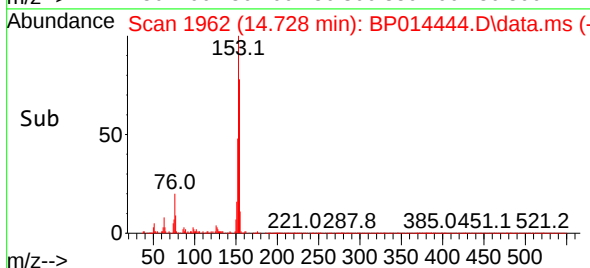
Reviewed By :Christian Giraldo 04/03/2023  
Supervised By :Jagrut Upadhyay 04/03/2023

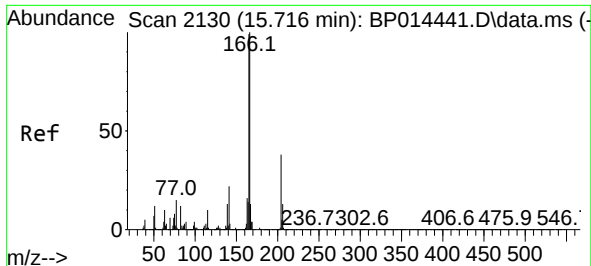


#52  
Acenaphthene  
Concen: 2.194 ng/uL  
RT: 14.728 min Scan# 1962  
Delta R.T. -0.006 min  
Lab File: BP014444.D  
Acq: 31 Mar 2023 15:25



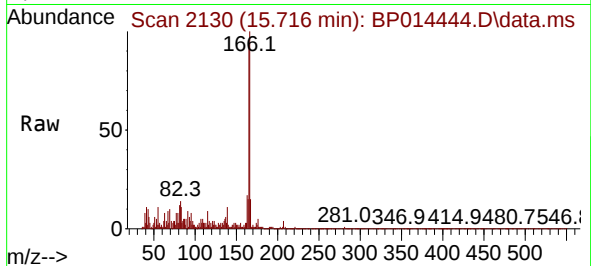
Tgt Ion:153 Resp: 64076  
Ion Ratio Lower Upper  
153 100  
152 47.6 38.2 57.4  
154 78.2 70.2 105.2





#61  
 Fluorene  
 Concen: 1.349 ng/ul  
 RT: 15.716 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP014444.D  
 Acq: 31 Mar 2023 15:25

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CB954



Tgt Ion:166 Resp: 4488  
 Ion Ratio Lower Upper  
 166 100  
 165 92.7 79.2 118.8  
 167 14.7 11.0 16.4

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