

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051024\  
 Data File : BP020325.D  
 Acq On : 11 May 2024 17:12  
 Operator : MA/JU  
 Sample : P2371-09  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A43S1

Quant Time: May 12 23:14:41 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 08 22:57:55 2024  
 Response via : Initial Calibration

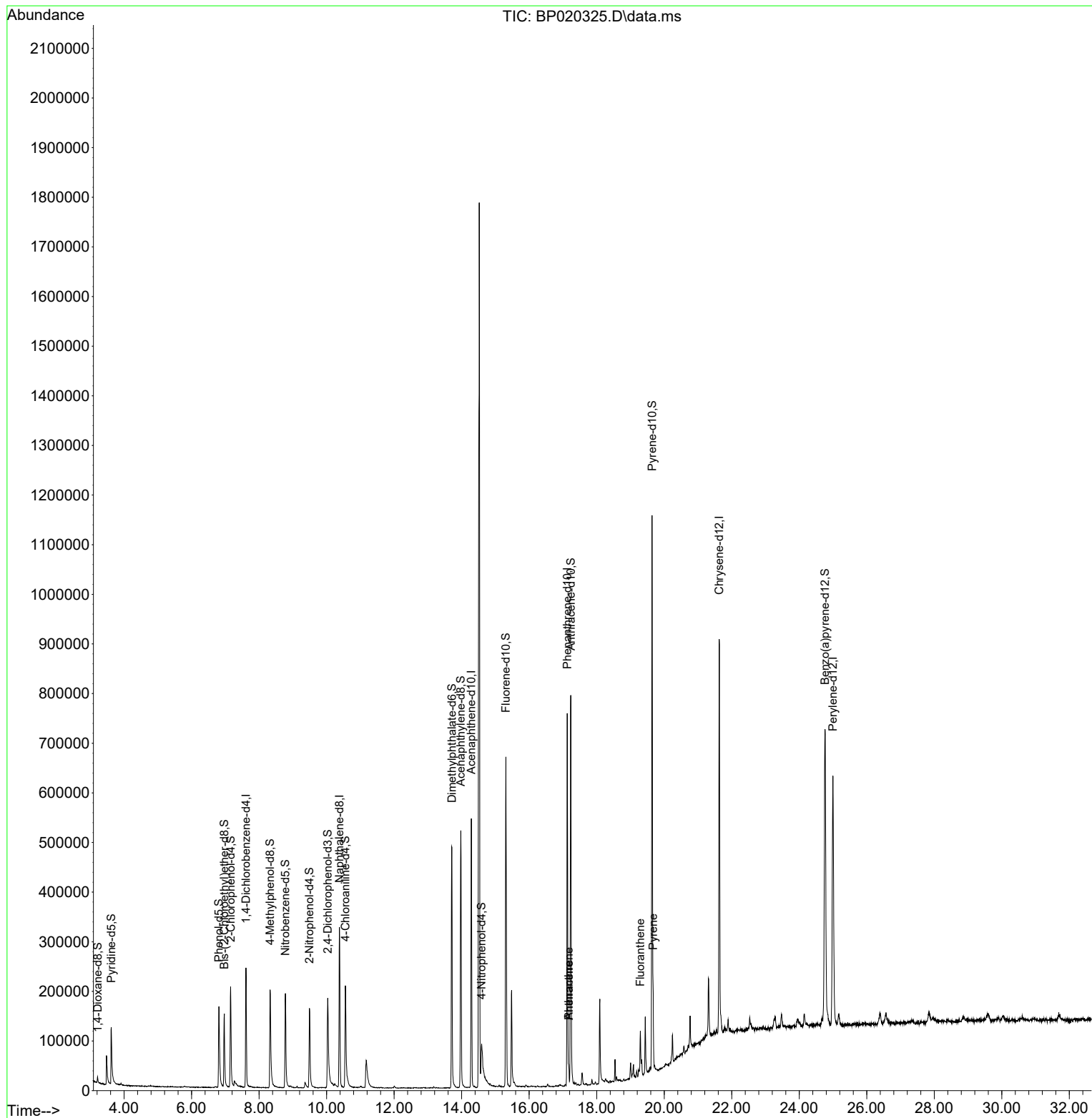
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.610  | 152  | 66291    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.381 | 136  | 271141   | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.287 | 164  | 193960   | 20.000 | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.128 | 188  | 450354   | 20.000 | ng/ul  | -0.01    |
| 79) Chrysene-d12              | 21.627 | 240  | 470504   | 20.000 | ng/ul  | -0.01    |
| 88) Perylene-d12              | 24.998 | 264  | 553003   | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.217  | 96   | 6283     | 4.003  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.622  | 84   | 79801    | 17.497 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.810  | 99   | 119877   | 21.057 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.969  | 67   | 73882    | 21.364 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.157  | 132  | 96220    | 23.642 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.328  | 113  | 94512    | 20.534 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.775  | 128  | 48224    | 23.751 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.493  | 143  | 55425    | 23.838 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.034 | 165  | 93546    | 22.047 | ng/ul  | 0.01     |
| 31) 4-Chloroaniline-d4        | 10.557 | 131  | 132612   | 22.331 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.710 | 166  | 363835   | 25.687 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.975 | 160  | 384970   | 24.604 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.592 | 143  | 33554    | 15.414 | ng/ul  | 0.04     |
| 60) Fluorene-d10              | 15.310 | 176  | 316315   | 26.774 | ng/ul  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.569 | 200  | 199      | 0.070  | ng/ul  | 0.09     |
| 73) Anthracene-d10            | 17.233 | 188  | 514180   | 26.392 | ng/ul  | -0.01    |
| 81) Pyrene-d10                | 19.639 | 212  | 666409   | 24.230 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.762 | 264  | 703044   | 26.293 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.169 | 178  | 23747    | 1.033  | ng/ul  | 97       |
| 74) Anthracene                | 17.169 | 178  | 24046    | 1.029  | ng/ul  | 96       |
| 80) Fluoranthene              | 19.292 | 202  | 47168    | 1.457  | ng/ul  | 100      |
| 82) Pyrene                    | 19.674 | 202  | 70519    | 2.094  | ng/ul  | 98       |
| -----                         |        |      |          |        |        |          |

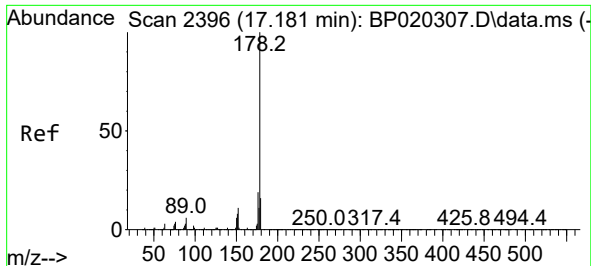
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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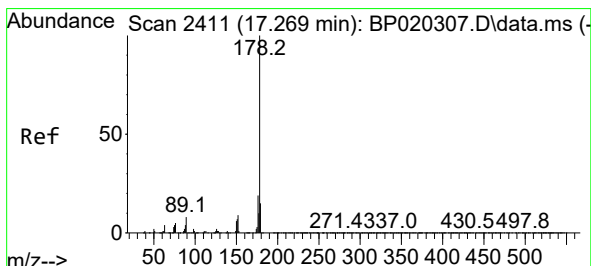
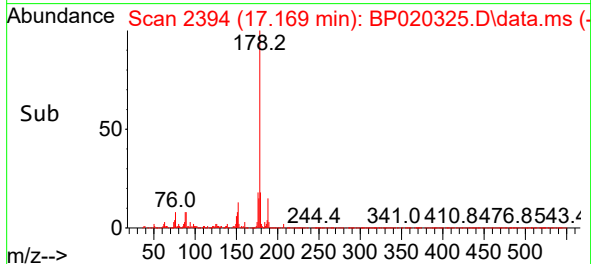
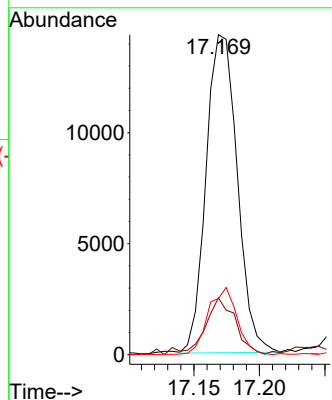
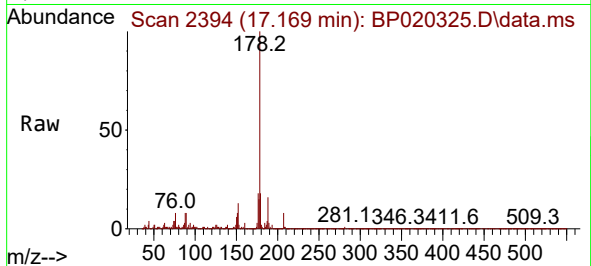




#72  
Phenanthrene  
Concen: 1.033 ng/ul  
RT: 17.169 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BP020325.D  
Acq: 11 May 2024 17:12

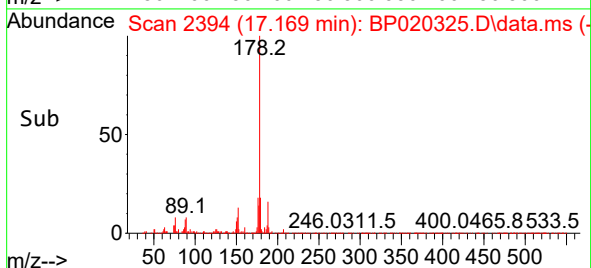
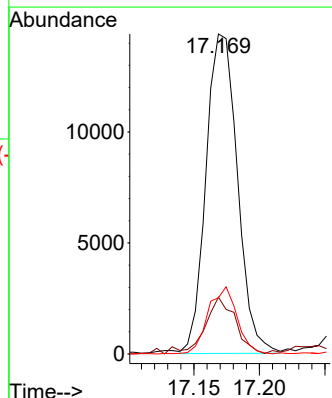
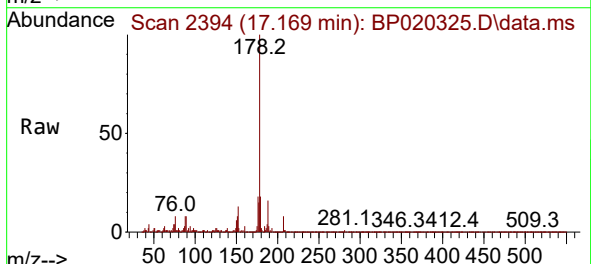
Instrument :  
BNA\_P  
ClientSampleId :  
A43S1

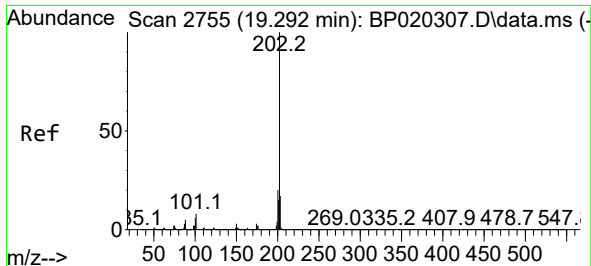
Tgt Ion:178 Resp: 23747  
Ion Ratio Lower Upper  
178 100  
179 17.8 13.0 19.6  
176 17.6 15.2 22.8



#74  
Anthracene  
Concen: 1.029 ng/ul  
RT: 17.169 min Scan# 2394  
Delta R.T. -0.106 min  
Lab File: BP020325.D  
Acq: 11 May 2024 17:12

Tgt Ion:178 Resp: 24046  
Ion Ratio Lower Upper  
178 100  
179 17.8 12.0 18.0  
176 17.6 14.8 22.2

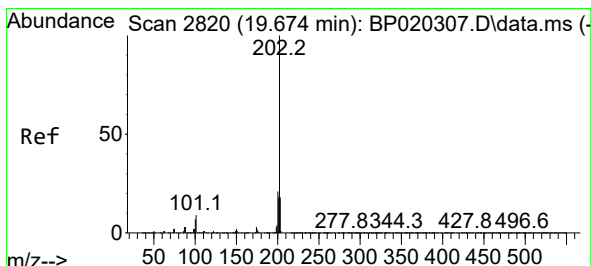
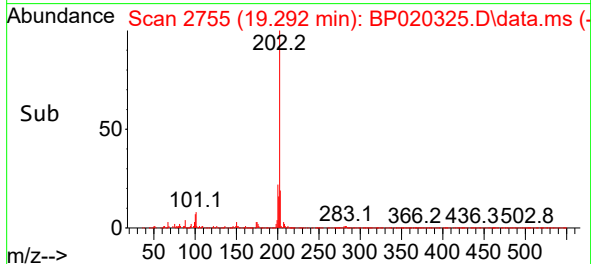
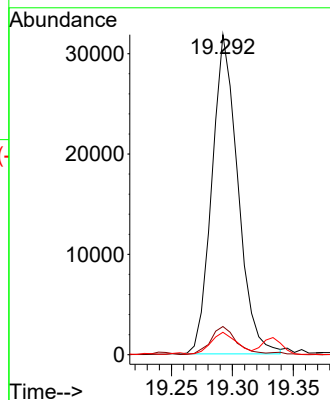
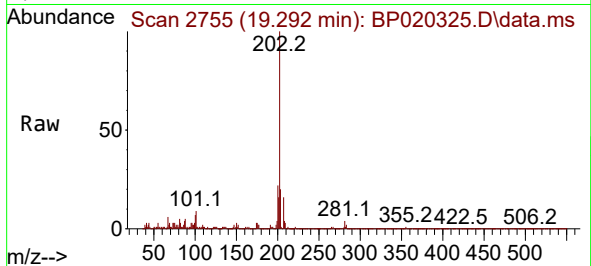




#80  
Fluoranthene  
Concen: 1.457 ng/ul  
RT: 19.292 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP020325.D  
Acq: 11 May 2024 17:12

Instrument :  
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Tgt Ion:202 Resp: 47168  
Ion Ratio Lower Upper  
202 100  
101 8.8 7.0 10.4  
100 7.0 5.5 8.3



#82  
Pyrene  
Concen: 2.094 ng/ul  
RT: 19.674 min Scan# 2820  
Delta R.T. -0.000 min  
Lab File: BP020325.D  
Acq: 11 May 2024 17:12

Tgt Ion:202 Resp: 70519  
Ion Ratio Lower Upper  
202 100  
101 9.5 8.1 12.1  
100 7.2 6.8 10.2

