

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP083024\  
 Data File : BP021764.D  
 Acq On : 30 Aug 2024 22:47  
 Operator : RC/JU  
 Sample : P3438-11  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCYL7

Quant Time: Aug 30 23:42:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 29 23:56:59 2024  
 Response via : Initial Calibration

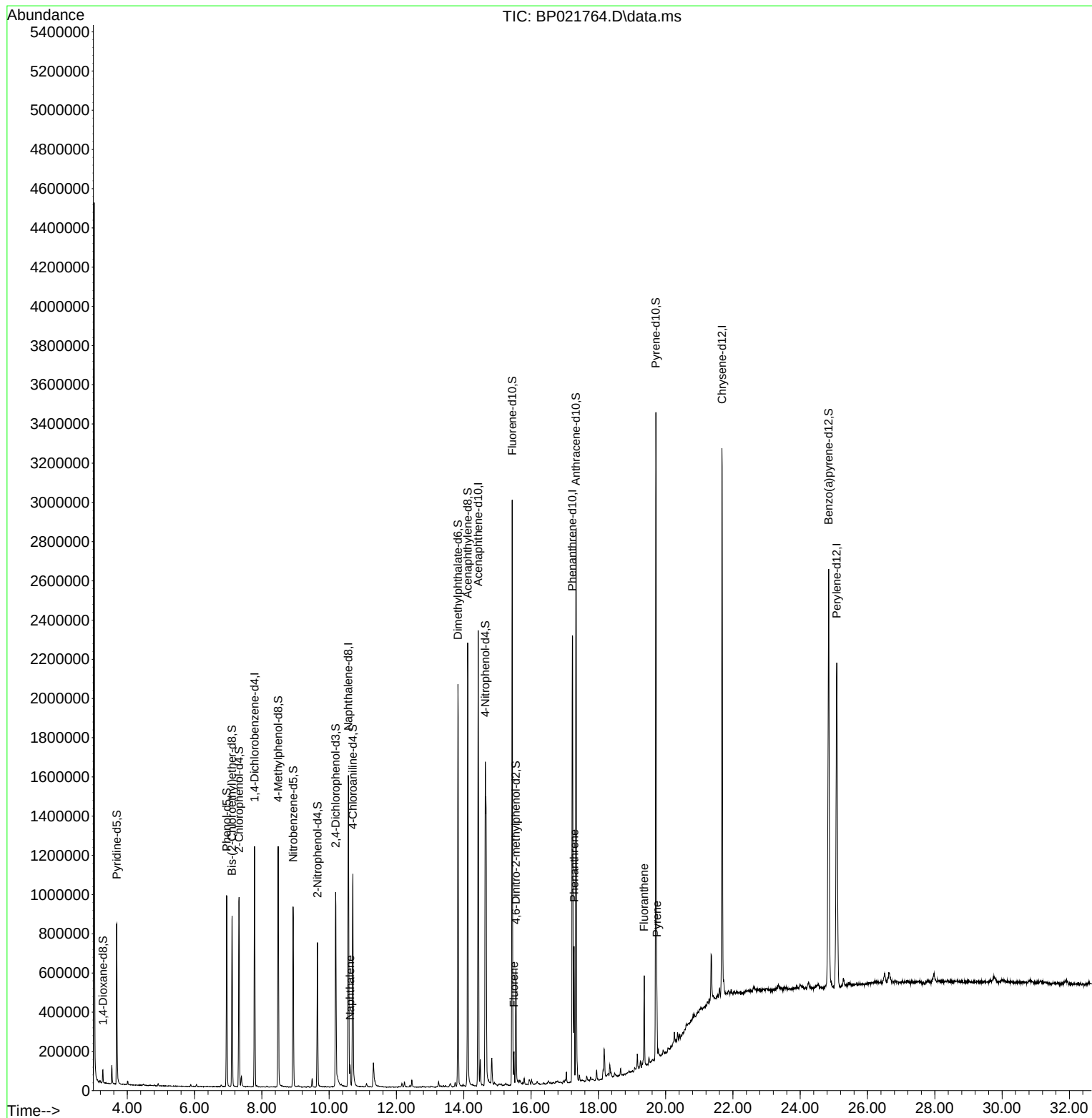
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.781  | 152  | 317430   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.569 | 136  | 1263837  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.428 | 164  | 792531   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.228 | 188  | 1614730  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.675 | 240  | 1498317  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.086 | 264  | 1776856  | 20.000 | ng/u1  | 0.02     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.275  | 96   | 36208    | 3.787  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.687  | 84   | 494418   | 17.878 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.958  | 99   | 633998   | 18.715 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.111  | 67   | 361300   | 19.598 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.322  | 132  | 435911   | 19.931 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.487  | 113  | 492113   | 18.799 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.928  | 128  | 208316   | 20.487 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.652  | 143  | 212538   | 20.592 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.193 | 165  | 376093   | 18.491 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.704 | 131  | 580935   | 19.633 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.828 | 166  | 1255876  | 20.710 | ng/u1  | -0.01    |
| 49) Acenaphthylene-d8         | 14.116 | 160  | 1420614  | 20.865 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.640 | 143  | 170390   | 14.769 | ng/u1  | 0.01     |
| 60) Fluorene-d10              | 15.440 | 176  | 1064388  | 20.877 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.551 | 200  | 116417   | 13.108 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.334 | 188  | 1591136  | 20.763 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.710 | 212  | 1835974  | 21.436 | ng/u1  | 0.02     |
| 92) Benzo(a)pyrene-d12        | 24.845 | 264  | 2032483  | 21.451 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 30) Naphthalene               | 10.622 | 128  | 85331    | 1.198  | ng/u1  | 99       |
| 61) Fluorene                  | 15.492 | 166  | 63715    | 1.106  | ng/u1  | 99       |
| 72) Phenanthrene              | 17.281 | 178  | 448014   | 5.054  | ng/u1  | 99       |
| 80) Fluoranthene              | 19.363 | 202  | 284472   | 2.846  | ng/u1  | 99       |
| 82) Pyrene                    | 19.739 | 202  | 195627   | 1.848  | ng/u1  | 99       |
| -----                         |        |      |          |        |        |          |

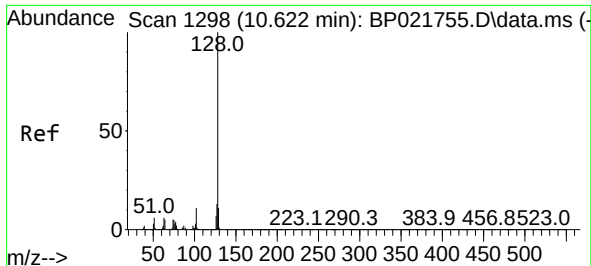
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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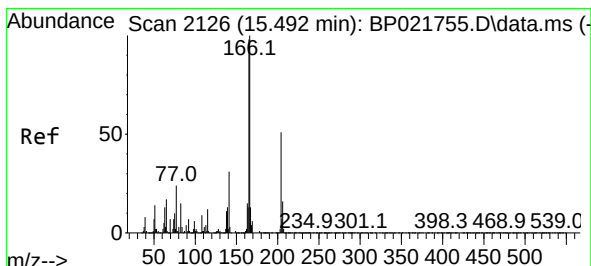
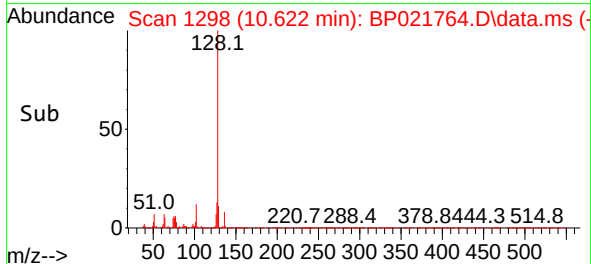
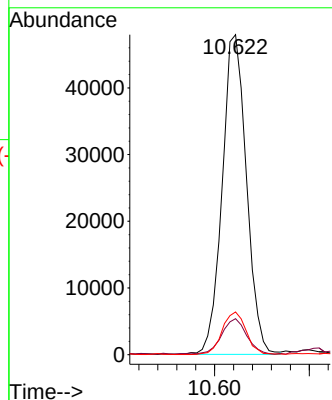
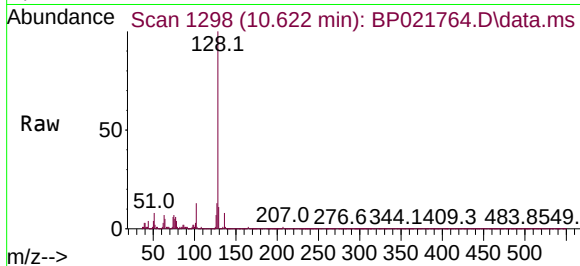




#30  
Naphthalene  
Concen: 1.198 ng/ul  
RT: 10.622 min Scan# 1298  
Delta R.T. -0.000 min  
Lab File: BP021764.D  
Acq: 30 Aug 2024 22:47

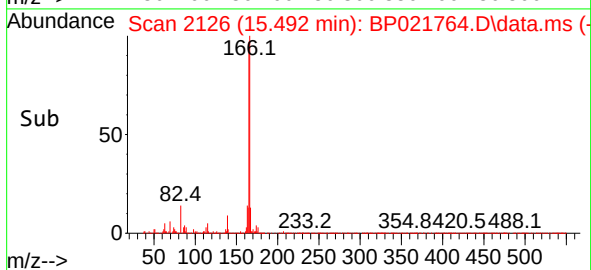
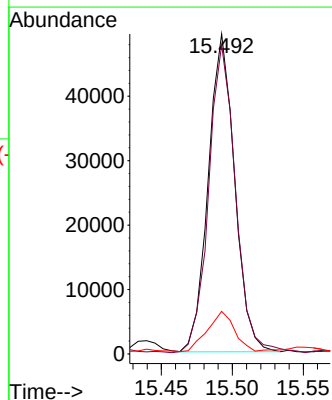
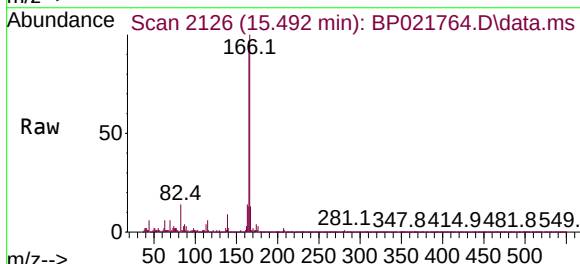
Instrument :  
BNA\_P  
ClientSampleId :  
DCYL7

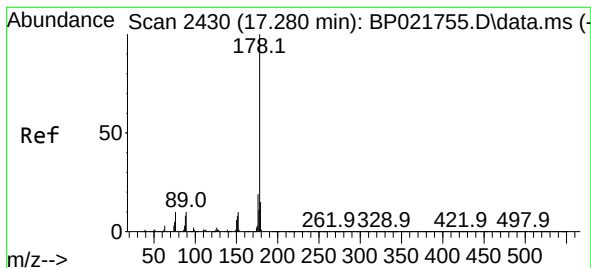
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 85331 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 11.2  | 8.6   | 13.0  |
| 127       | 13.4  | 10.5  | 15.7  |



#61  
Fluorene  
Concen: 1.106 ng/ul  
RT: 15.492 min Scan# 2126  
Delta R.T. -0.006 min  
Lab File: BP021764.D  
Acq: 30 Aug 2024 22:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 63715 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 96.6  | 78.2  | 117.2 |
| 167       | 13.3  | 10.8  | 16.2  |





#72

Phenanthrene

Concen: 5.054 ng/ul

RT: 17.281 min Scan# 2430

Delta R.T. 0.006 min

Lab File: BP021764.D

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Instrument :

BNA\_P

ClientSampleId :

DCYL7

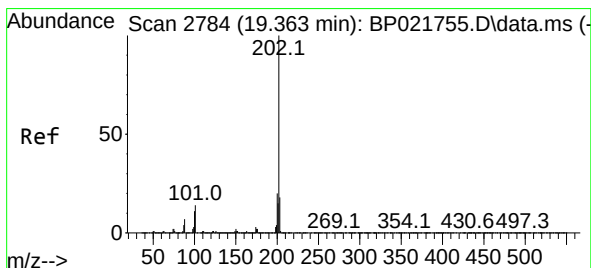
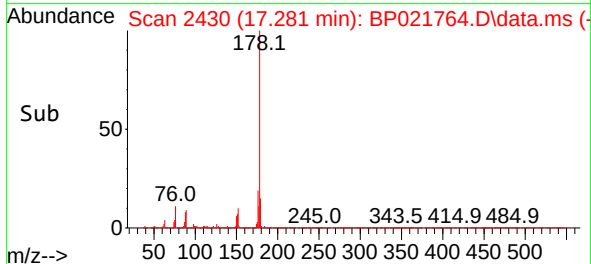
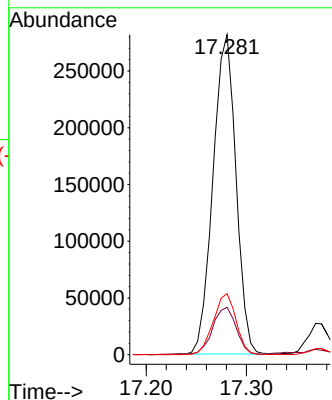
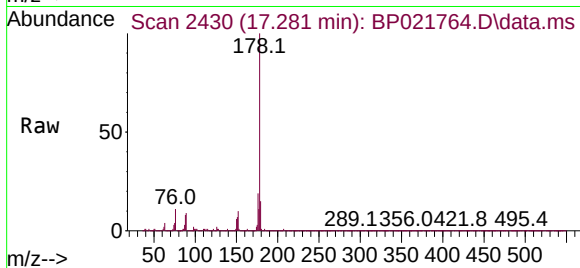
Tgt Ion:178 Resp: 448014

Ion Ratio Lower Upper

178 100

179 14.8 12.0 18.0

176 19.0 14.8 22.2



#80

Fluoranthene

Concen: 2.846 ng/ul

RT: 19.363 min Scan# 2784

Delta R.T. 0.018 min

Lab File: BP021764.D

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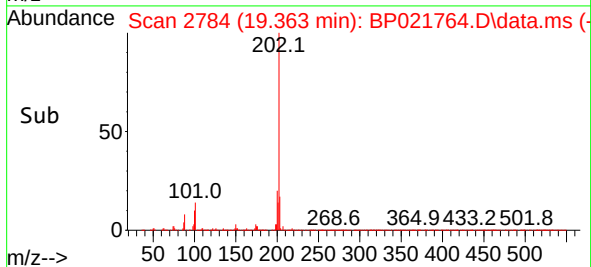
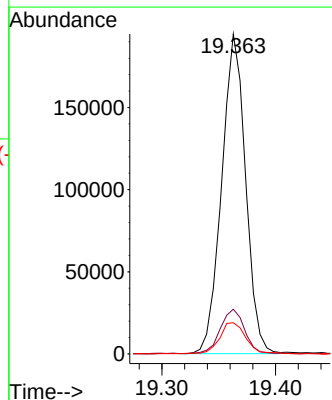
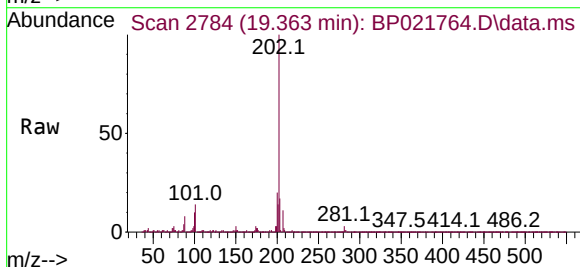
Tgt Ion:202 Resp: 284472

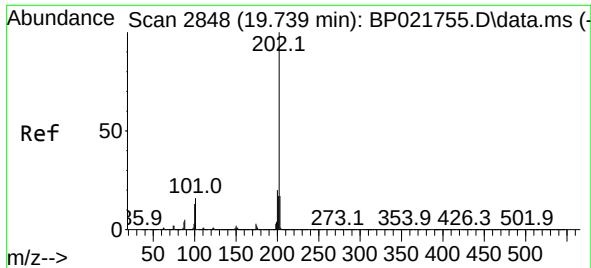
Ion Ratio Lower Upper

202 100

101 14.0 11.2 16.8

100 9.8 8.5 12.7





#82  
 Pyrene  
 Concen: 1.848 ng/ul  
 RT: 19.739 min Scan# 21  
 Delta R.T. 0.018 min  
 Lab File: BP021764.D  
 Acq: 30 Aug 2024 22:47

Instrument :  
 BNA\_P  
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Tgt Ion:202 Resp: 195627  
 Ion Ratio Lower Upper  
 202 100  
 101 16.9 12.8 19.2  
 100 13.5 10.8 16.2

