

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101924\  
 Data File : BP022494.D  
 Acq On : 20 Oct 2024 03:48  
 Operator : RC/JU  
 Sample : P4361-07  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EOAY9

Quant Time: Oct 21 03:26:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 18 11:08:24 2024  
 Response via : Initial Calibration

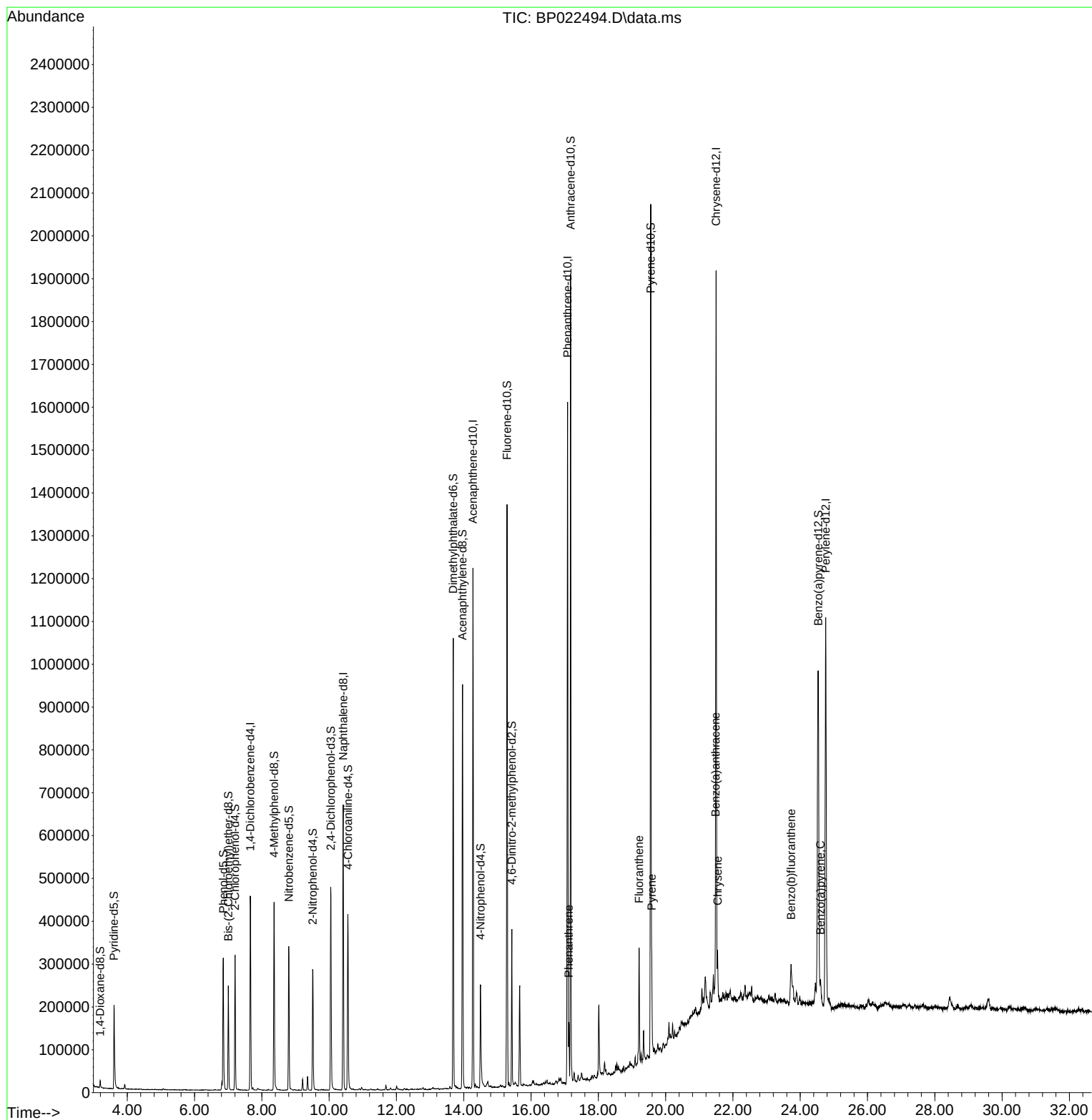
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.658  | 152  | 119167   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.416 | 136  | 503604   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.275 | 164  | 429172   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.087 | 188  | 1041307  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.498 | 240  | 930260   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.757 | 264  | 915072   | 20.000 | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.193  | 96   | 8263     | 2.695  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.605  | 84   | 115023   | 13.663 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.852  | 99   | 169175   | 16.865 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.005  | 67   | 101408   | 17.200 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.205  | 132  | 123720   | 17.382 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.363  | 113  | 154617   | 19.314 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.799  | 128  | 66946    | 17.289 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.510  | 143  | 82514    | 18.406 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.052 | 165  | 177242   | 18.602 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.557 | 131  | 200458   | 17.805 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.687 | 166  | 676798   | 19.848 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.963 | 160  | 682888   | 18.856 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.498 | 143  | 66459m   | 11.618 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.287 | 176  | 585346   | 19.791 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.428 | 200  | 75598    | 11.039 | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.175 | 188  | 983123   | 20.070 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.557 | 212  | 1181851  | 24.024 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.533 | 264  | 1015070  | 20.771 | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.122 | 178  | 78914    | 1.416  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.210 | 202  | 170313   | 3.012  | ng/ul  | 99       |
| 82) Pyrene                    | 19.586 | 202  | 141971   | 2.342  | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.480 | 228  | 71118    | 1.091  | ng/ul  | 98       |
| 87) Chrysene                  | 21.545 | 228  | 79368    | 1.313  | ng/ul  | 96       |
| 90) Benzo(b)fluoranthene      | 23.727 | 252  | 107275   | 1.862  | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.604 | 252  | 63725    | 1.202  | ng/ul  | 98       |
| -----                         |        |      |          |        |        |          |

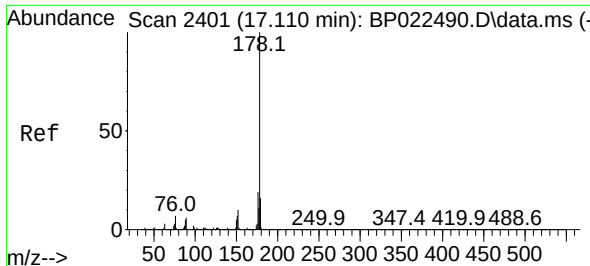
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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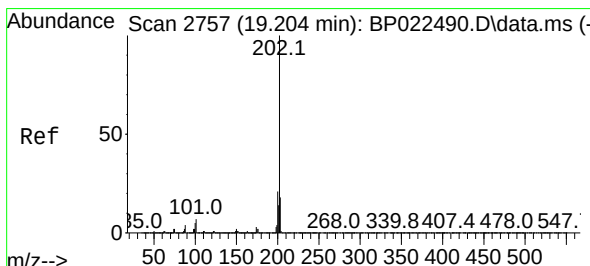
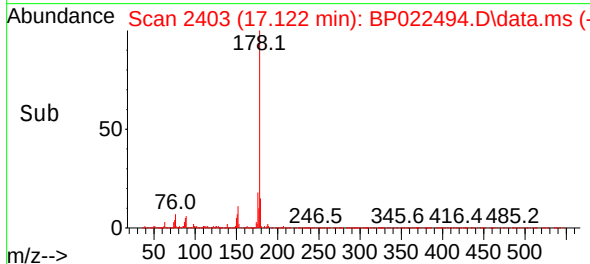
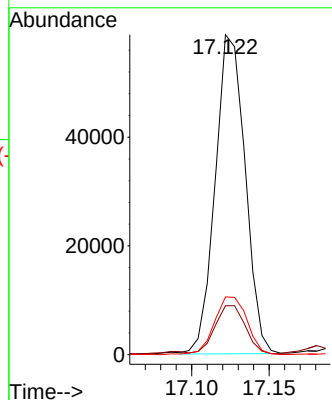
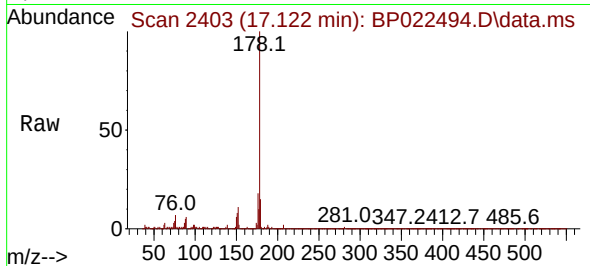




#72  
Phenanthrene  
Concen: 1.416 ng/ul  
RT: 17.122 min Scan# 2403  
Delta R.T. 0.006 min  
Lab File: BP022494.D  
Acq: 20 Oct 2024 03:48

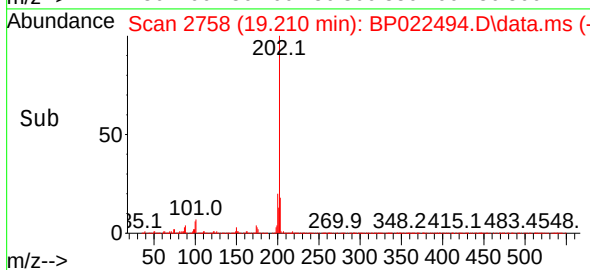
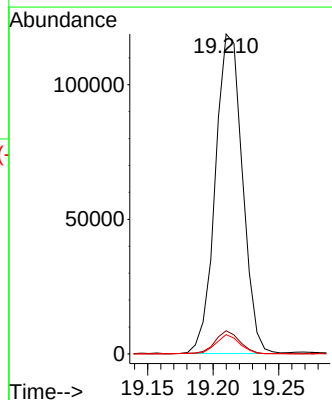
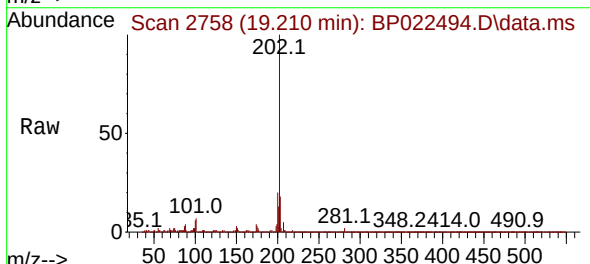
Instrument :  
BNA\_P  
ClientSampleId :  
EOAY9

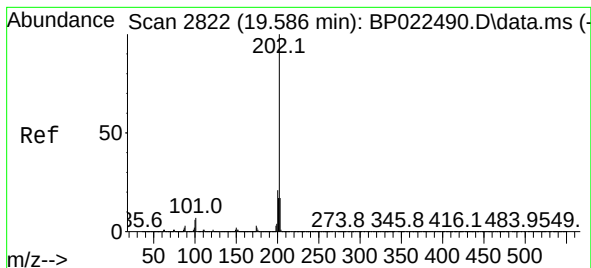
Tgt Ion:178 Resp: 78914  
Ion Ratio Lower Upper  
178 100  
179 15.3 12.2 18.4  
176 18.0 15.7 23.5



#80  
Fluoranthene  
Concen: 3.012 ng/ul  
RT: 19.210 min Scan# 2758  
Delta R.T. 0.000 min  
Lab File: BP022494.D  
Acq: 20 Oct 2024 03:48

Tgt Ion:202 Resp: 170313  
Ion Ratio Lower Upper  
202 100  
101 7.2 5.8 8.8  
100 6.0 4.5 6.7





#82

Pyrene

Concen: 2.342 ng/ul

RT: 19.586 min Scan# 2

Delta R.T. 0.000 min

Lab File: BP022494.D

Acq: 20 Oct 2024 03:48

Instrument :

BNA\_P

ClientSampleId :

EOAY9

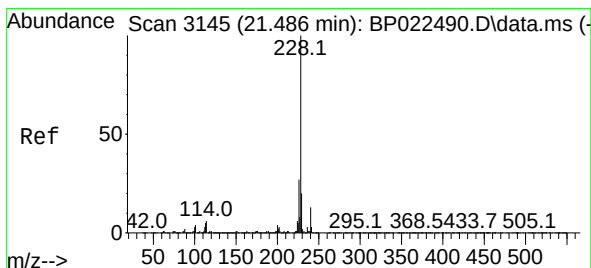
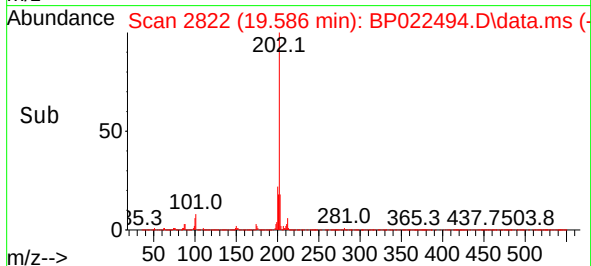
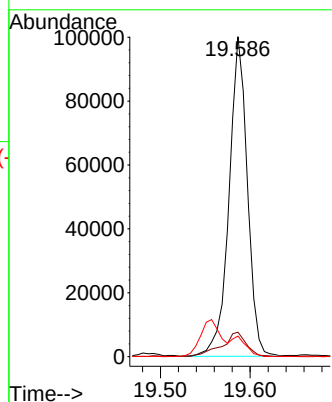
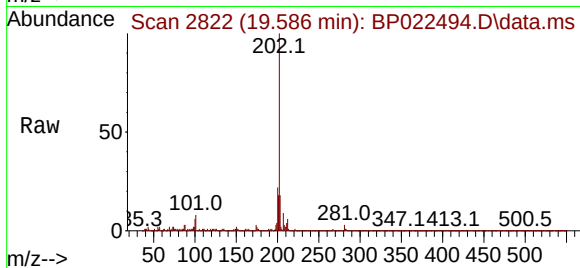
Tgt Ion:202 Resp: 141971

Ion Ratio Lower Upper

202 100

101 7.7 6.7 10.1

100 6.5 5.8 8.6



#85

Benzo(a)anthracene

Concen: 1.091 ng/ul

RT: 21.480 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BP022494.D

Acq: 20 Oct 2024 03:48

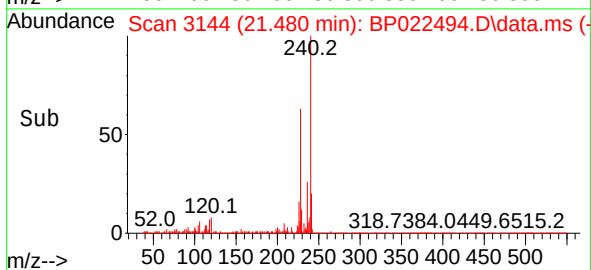
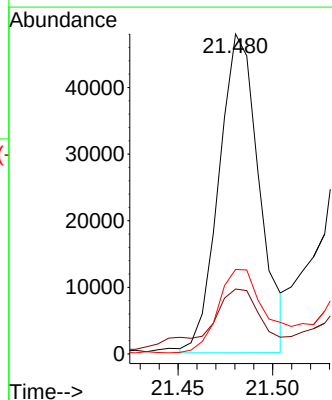
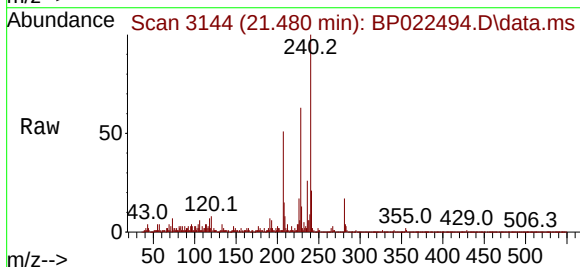
Tgt Ion:228 Resp: 71118

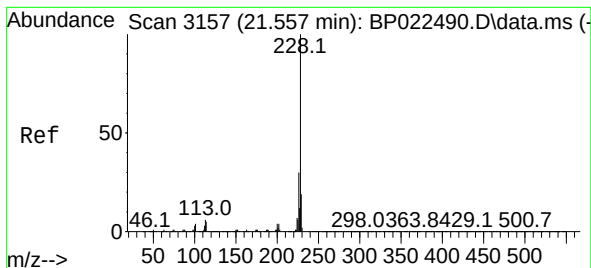
Ion Ratio Lower Upper

228 100

229 20.3 15.4 23.0

226 26.4 21.5 32.3





#87

Chrysene

Concen: 1.313 ng/ul

RT: 21.545 min Scan# 3155

Delta R.T. 0.000 min

Lab File: BP022494.D

Acq: 20 Oct 2024 03:48

Instrument :

BNA\_P

ClientSampleId :

EOAY9

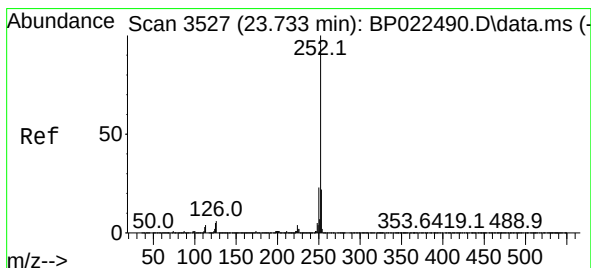
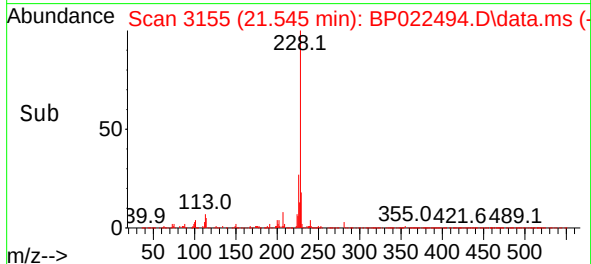
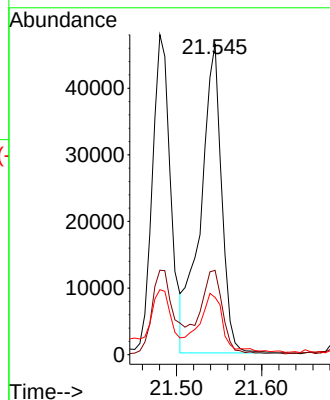
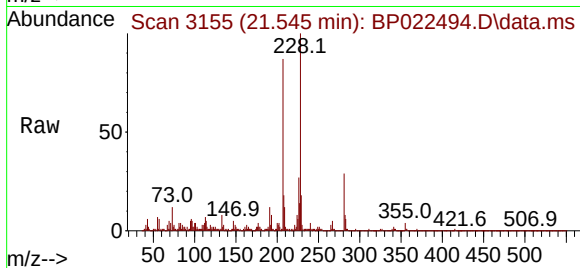
Tgt Ion:228 Resp: 79368

Ion Ratio Lower Upper

228 100

226 27.1 23.8 35.8

229 18.4 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 1.862 ng/ul

RT: 23.727 min Scan# 3526

Delta R.T. 0.006 min

Lab File: BP022494.D

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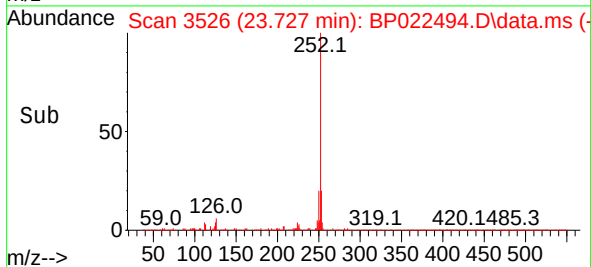
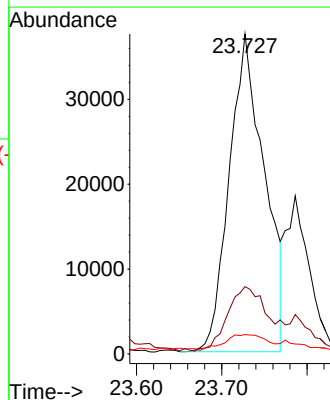
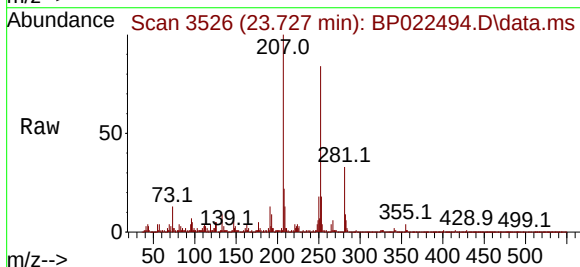
Tgt Ion:252 Resp: 107275

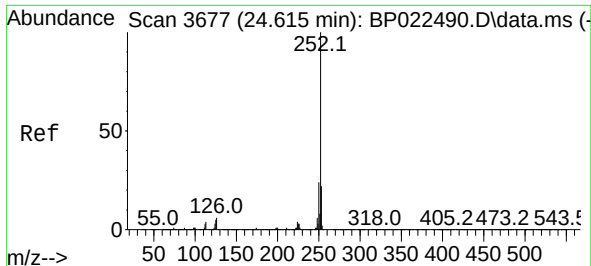
Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.8

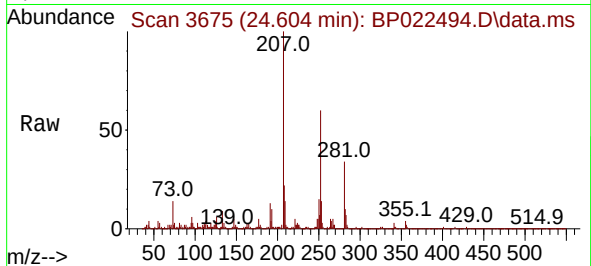
125 6.1 5.0 7.4





#93  
 Benzo(a)pyrene  
 Concen: 1.202 ng/ul  
 RT: 24.604 min Scan# 30  
 Delta R.T. 0.000 min  
 Lab File: BP022494.D  
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Tgt Ion:252 Resp: 63725  
 Ion Ratio Lower Upper  
 252 100  
 253 22.6 17.7 26.5  
 125 7.1 4.9 7.3

