

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100223\  
 Data File : BP017515.D  
 Acq On : 03 Oct 2023 13:49  
 Operator : MA/JU  
 Sample : 04417-28  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EZYF4

Quant Time: Oct 03 23:27:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 03 22:59:42 2023  
 Response via : Initial Calibration

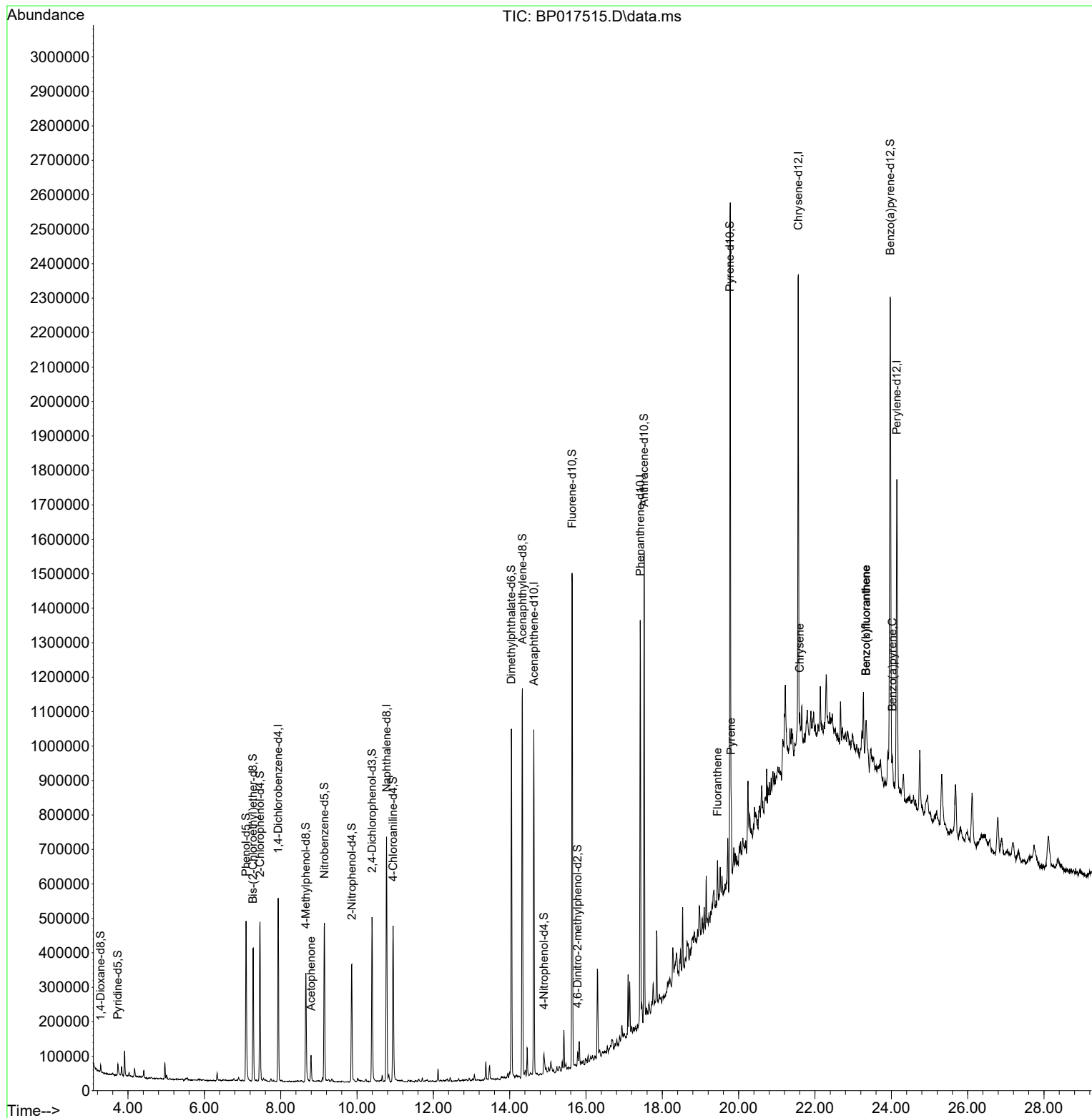
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.934  | 152  | 137620   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.775 | 136  | 554922   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.633 | 164  | 318150   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.422 | 188  | 665974   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.563 | 240  | 625617   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.145 | 264  | 714357   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.281  | 96   | 9277     | 2.769  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.734  | 84   | 16113    | 1.720  | ng/ul  | 0.02     |
| 7) Phenol-d5                  | 7.093  | 99   | 256045   | 22.653 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.275  | 67   | 167082   | 24.495 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.457  | 132  | 203731   | 22.726 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.657  | 113  | 121459   | 13.822 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.146  | 128  | 109678   | 27.339 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.863  | 143  | 106615   | 24.475 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.393 | 165  | 179795   | 21.847 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.945 | 131  | 241606   | 20.266 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.045 | 166  | 643152   | 28.219 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.334 | 160  | 731081   | 27.890 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.898 | 143  | 17144    | 4.318  | ng/ul  | 0.02     |
| 60) Fluorene-d10              | 15.633 | 176  | 550485   | 28.056 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.780 | 200  | 8799     | 2.344  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.522 | 188  | 730596   | 24.735 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.774 | 212  | 1002032  | 29.618 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.974 | 264  | 971315   | 28.241 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 8.799  | 105  | 40656    | 2.994  | ng/ul  | 96       |
| 80) Fluoranthene              | 19.445 | 202  | 76548    | 1.940  | ng/ul  | 99       |
| 82) Pyrene                    | 19.804 | 202  | 119363   | 2.846  | ng/ul  | 98       |
| 87) Chrysene                  | 21.598 | 228  | 39971    | 1.006  | ng/ul# | 92       |
| 90) Benzo(b)fluoranthene      | 23.339 | 252  | 82683    | 1.963  | ng/ul# | 81       |
| 91) Benzo(k)fluoranthene      | 23.339 | 252  | 82683    | 1.946  | ng/ul# | 83       |
| 93) Benzo(a)pyrene            | 24.027 | 252  | 43064    | 1.069  | ng/ul# | 75       |

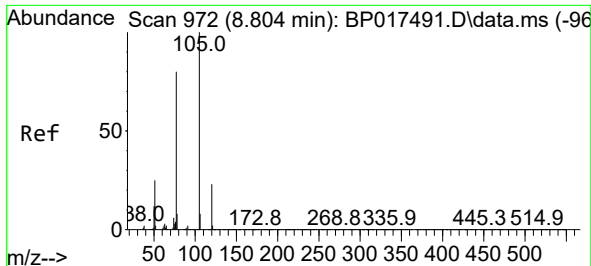
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100223\  
Data File : BP017515.D  
Acq On : 03 Oct 2023 13:49  
Operator : MA/JU  
Sample : 04417-28  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EZYF4

Quant Time: Oct 03 23:27:37 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Oct 03 22:59:42 2023  
Response via : Initial Calibration

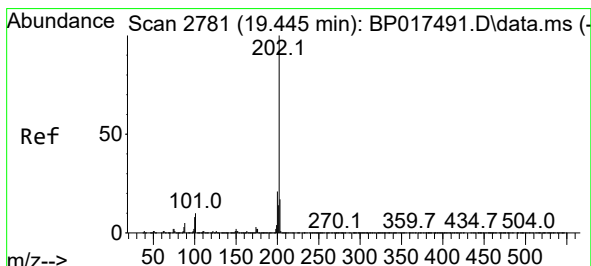
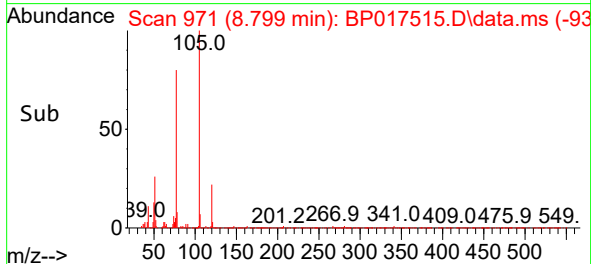
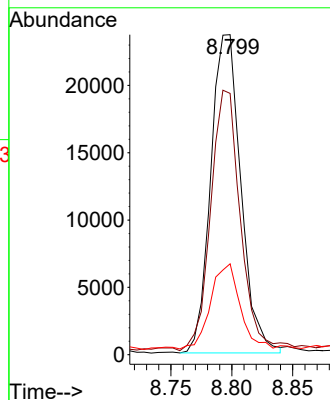
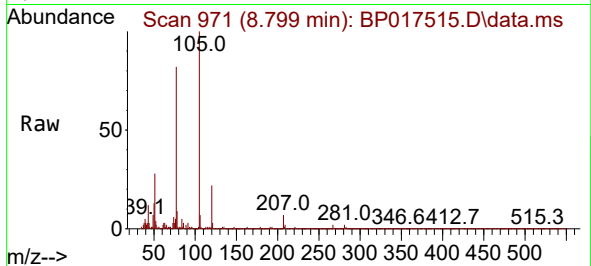




#16  
Acetophenone  
Concen: 2.994 ng/ul  
RT: 8.799 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BP017515.D  
Acq: 03 Oct 2023 13:49

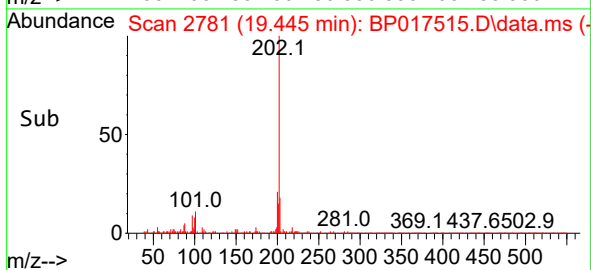
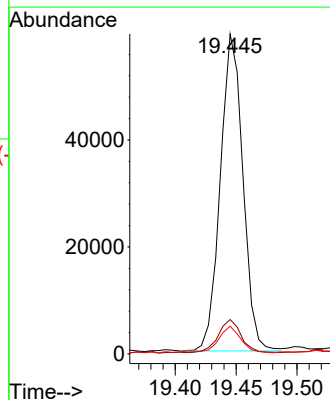
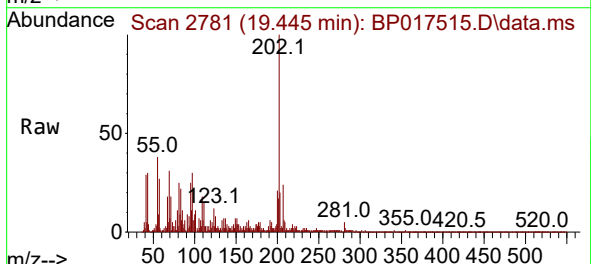
Instrument :  
BNA\_P  
ClientSampleId :  
EZYF4

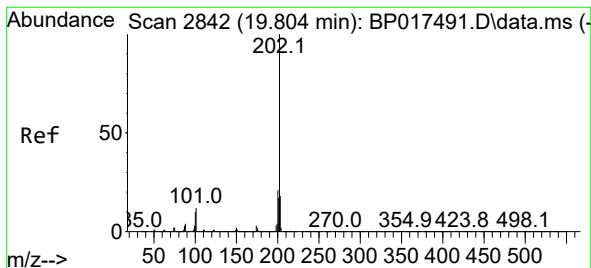
Tgt Ion:105 Resp: 40656  
Ion Ratio Lower Upper  
105 100  
77 81.7 63.6 95.4  
51 28.4 19.2 28.8



#80  
Fluoranthene  
Concen: 1.940 ng/ul  
RT: 19.445 min Scan# 2781  
Delta R.T. 0.000 min  
Lab File: BP017515.D  
Acq: 03 Oct 2023 13:49

Tgt Ion:202 Resp: 76548  
Ion Ratio Lower Upper  
202 100  
101 10.8 8.4 12.6  
100 8.7 6.6 10.0





#82

Pyrene

Concen: 2.846 ng/ul

RT: 19.804 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017515.D

Acq: 03 Oct 2023 13:49

Instrument :

BNA\_P

ClientSampleId :

EZYF4

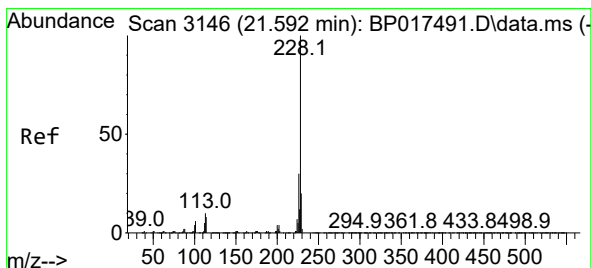
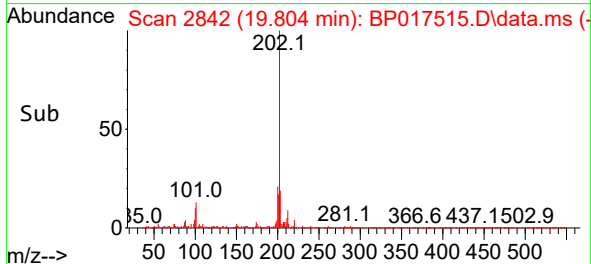
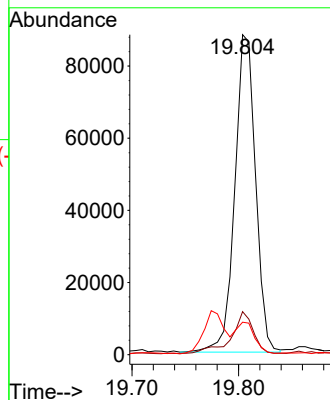
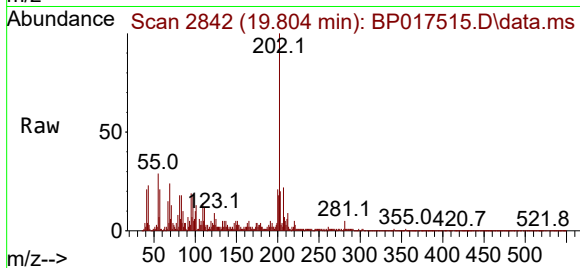
Tgt Ion:202 Resp: 119363

Ion Ratio Lower Upper

202 100

101 13.5 9.8 14.8

100 10.1 8.1 12.1



#87

Chrysene

Concen: 1.006 ng/ul

RT: 21.598 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BP017515.D

Acq: 03 Oct 2023 13:49

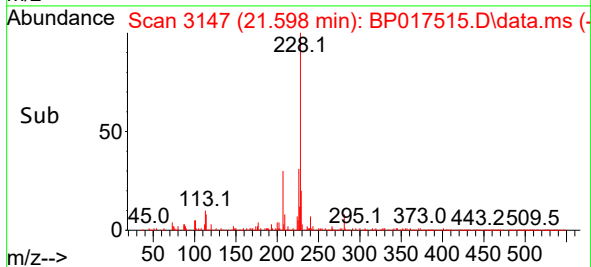
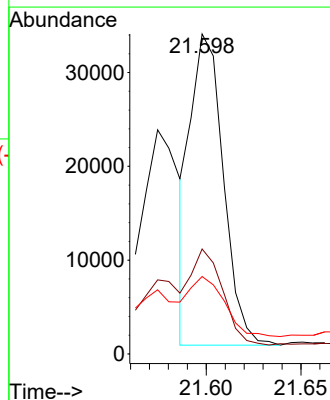
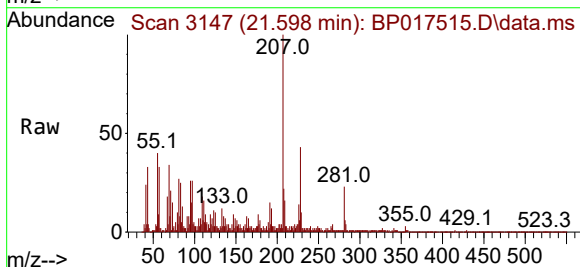
Tgt Ion:228 Resp: 39971

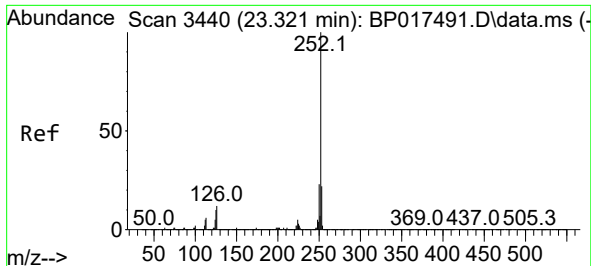
Ion Ratio Lower Upper

228 100

226 32.8 24.1 36.1

229 24.2 15.0 22.6#

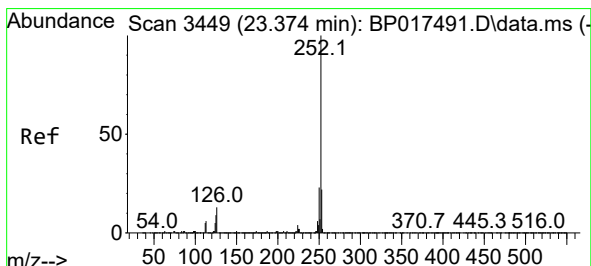
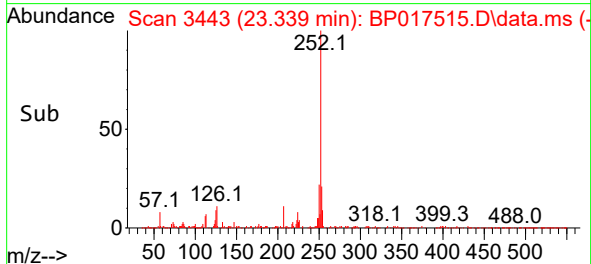
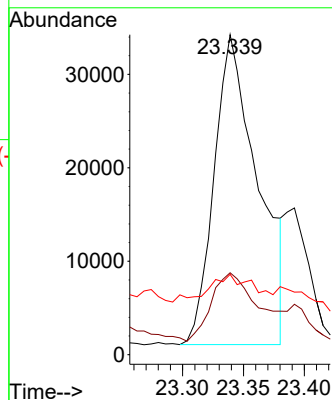
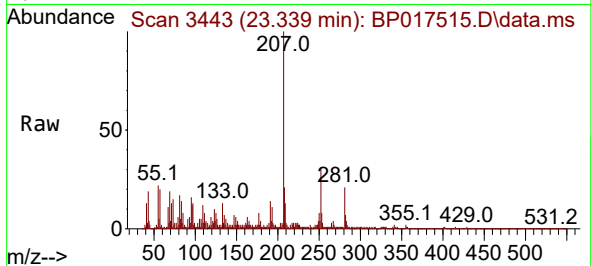




#90  
Benzo(b)fluoranthene  
Concen: 1.963 ng/ul  
RT: 23.339 min Scan# 3443  
Delta R.T. 0.000 min  
Lab File: BP017515.D  
Acq: 03 Oct 2023 13:49

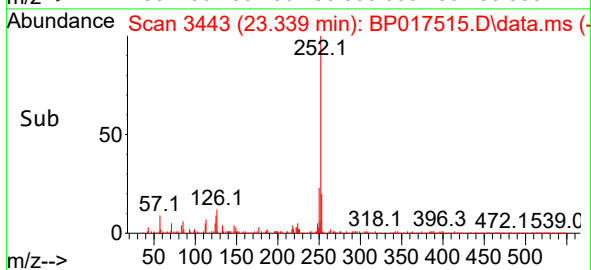
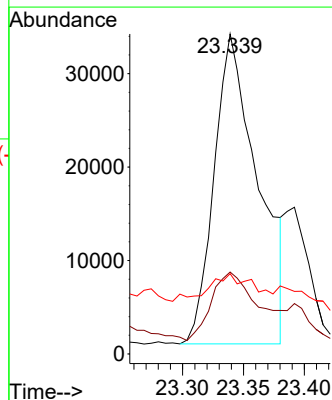
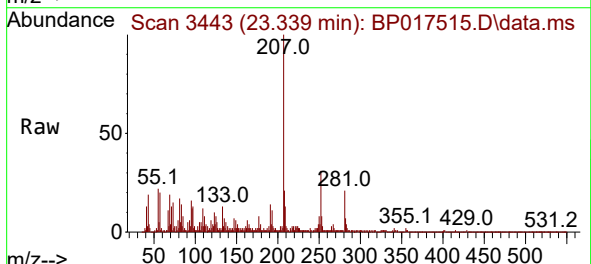
Instrument :  
BNA\_P  
ClientSampleId :  
EZYF4

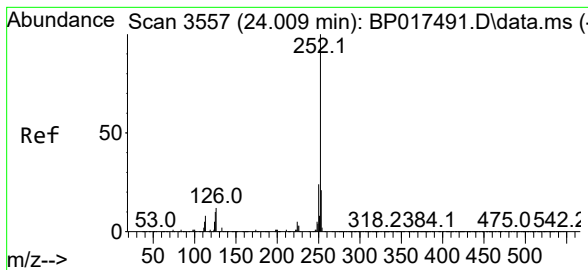
Tgt Ion:252 Resp: 82683  
Ion Ratio Lower Upper  
252 100  
253 25.6 17.4 26.0  
125 25.1 7.8 11.8#



#91  
Benzo(k)fluoranthene  
Concen: 1.946 ng/ul  
RT: 23.339 min Scan# 3443  
Delta R.T. -0.053 min  
Lab File: BP017515.D  
Acq: 03 Oct 2023 13:49

Tgt Ion:252 Resp: 82683  
Ion Ratio Lower Upper  
252 100  
253 25.6 17.9 26.9  
125 25.1 7.8 11.6#





#93

Benzo(a)pyrene

Concen: 1.069 ng/ul

RT: 24.027 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP017515.D

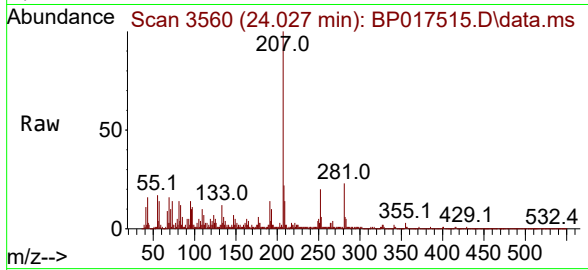
Acq: 03 Oct 2023 13:49

Instrument :

BNA\_P

ClientSampleId :

EZYF4



Tgt Ion:252 Resp: 43064

Ion Ratio Lower Upper

252 100

253 29.7 17.4 26.0#

125 27.1 8.9 13.3#

