

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092823\  
 Data File : BP017430.D  
 Acq On : 29 Sep 2023 00:51  
 Operator : MA/JU  
 Sample : 04417-36  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EZYX1

Quant Time: Sep 29 03:32:06 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Sep 28 23:22:11 2023  
 Response via : Initial Calibration

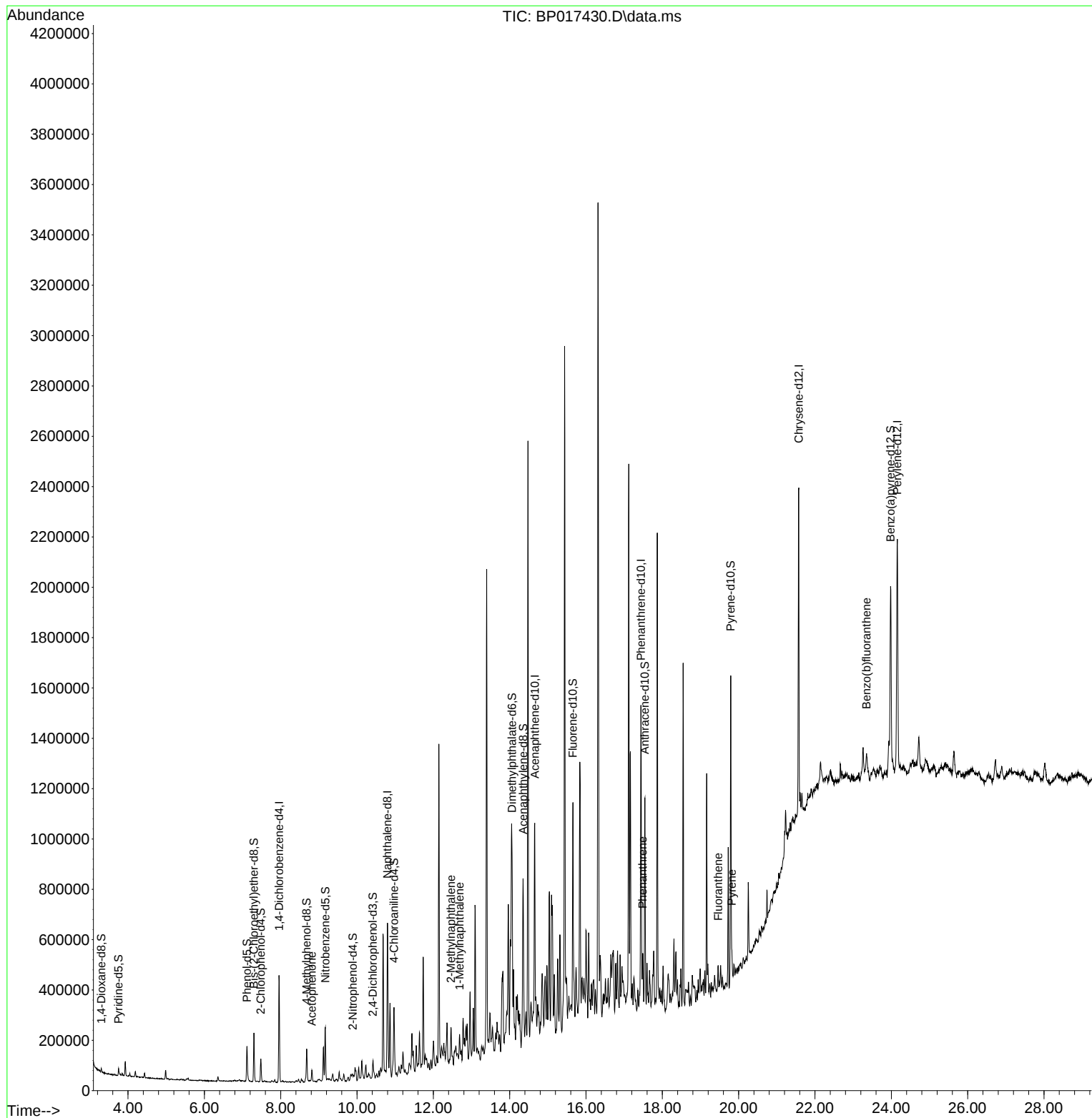
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.957  | 152  | 112296   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.798 | 136  | 452121   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.657 | 164  | 281322   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.439 | 188  | 647996   | 20.000 | ng/ul  | -0.01    |
| 79) Chrysene-d12              | 21.574 | 240  | 612297   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.157 | 264  | 720954   | 20.000 | ng/ul  | -0.02    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.299  | 96   | 7621     | 2.788  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.752  | 84   | 17957    | 2.349  | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 7.116  | 99   | 81518    | 8.839  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.299  | 67   | 80113    | 14.393 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.481  | 132  | 40563    | 5.545  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.681  | 113  | 50310    | 7.016  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.169  | 128  | 53670    | 16.420 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.887  | 143  | 7285     | 2.053  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.416 | 165  | 19343    | 2.885  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.969 | 131  | 128778   | 13.258 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.063 | 166  | 314696   | 15.615 | ng/ul  | -0.01    |
| 49) Acenaphthylene-d8         | 14.351 | 160  | 382846   | 16.517 | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.910 | 143  | 1052     | 0.300  | ng/ul  | 0.01     |
| 60) Fluorene-d10              | 15.657 | 176  | 295438   | 17.028 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.828 | 200  | 395      | 0.108  | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.539 | 188  | 448298   | 15.599 | ng/ul  | -0.01    |
| 81) Pyrene-d10                | 19.792 | 212  | 582382   | 17.589 | ng/ul  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.980 | 264  | 566603   | 16.323 | ng/ul  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 8.816  | 105  | 25261    | 2.280  | ng/ul# | 96       |
| 36) 2-Methylnaphthalene       | 12.463 | 142  | 62500    | 4.068  | ng/ul  | 100      |
| 37) 1-Methylnaphthalene       | 12.687 | 142  | 37223    | 2.370  | ng/ul# | 97       |
| 72) Phenanthrene              | 17.486 | 178  | 114678   | 3.379  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.463 | 202  | 53969    | 1.398  | ng/ul  | 96       |
| 82) Pyrene                    | 19.822 | 202  | 56617    | 1.379  | ng/ul  | 96       |
| 90) Benzo(b)fluoranthene      | 23.351 | 252  | 64169    | 1.510  | ng/ul# | 74       |

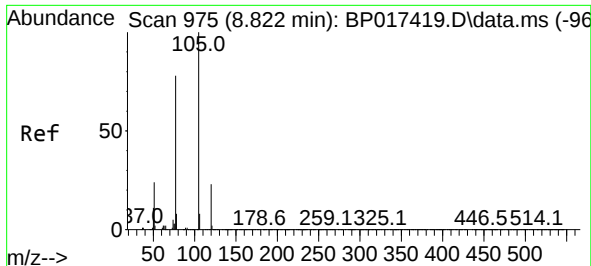
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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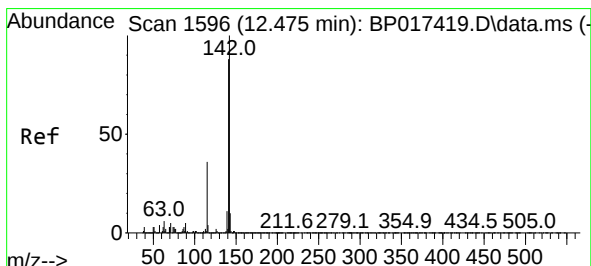
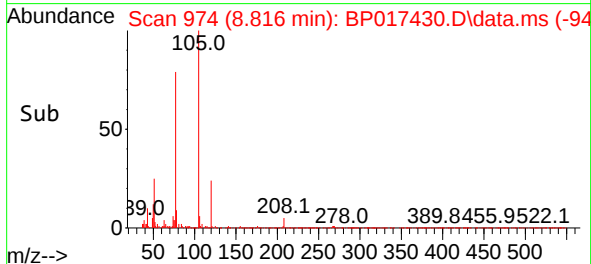
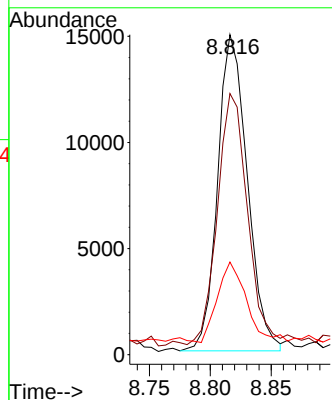
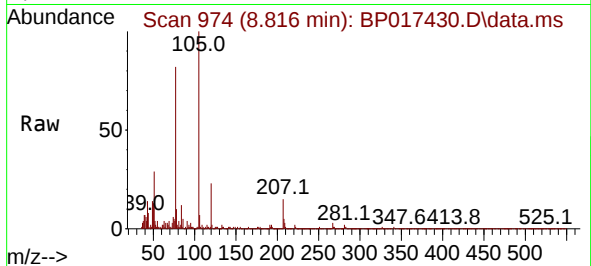




#16  
Acetophenone  
Concen: 2.280 ng/ul  
RT: 8.816 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP017430.D  
Acq: 29 Sep 2023 00:51

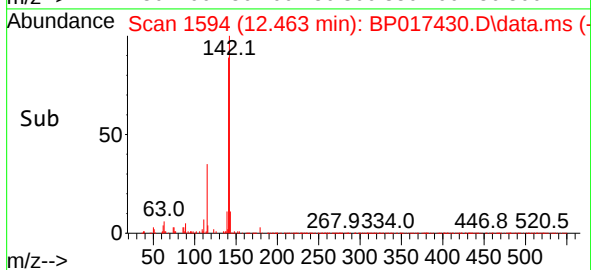
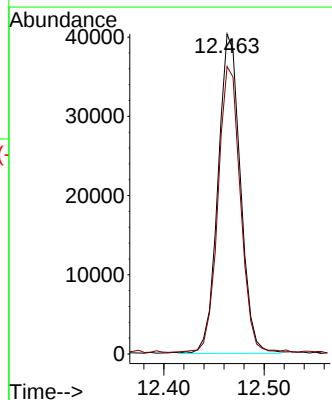
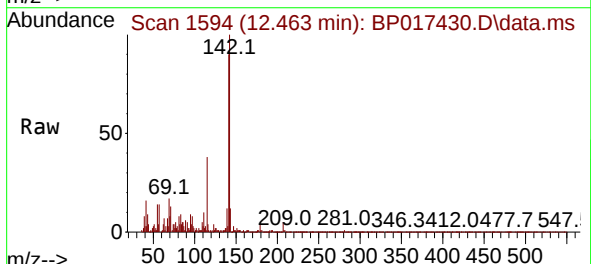
Instrument :  
BNA\_P  
ClientSampleId :  
EZYX1

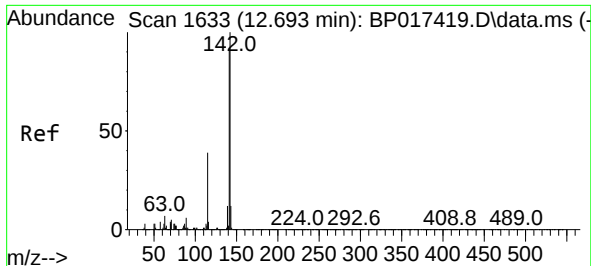
Tgt Ion:105 Resp: 25261  
Ion Ratio Lower Upper  
105 100  
77 81.6 63.6 95.4  
51 28.9 19.2 28.8#



#36  
2-Methylnaphthalene  
Concen: 4.068 ng/ul  
RT: 12.463 min Scan# 1594  
Delta R.T. -0.012 min  
Lab File: BP017430.D  
Acq: 29 Sep 2023 00:51

Tgt Ion:142 Resp: 62500  
Ion Ratio Lower Upper  
142 100  
141 89.8 71.9 107.9

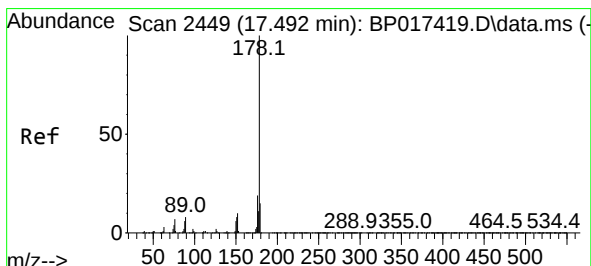
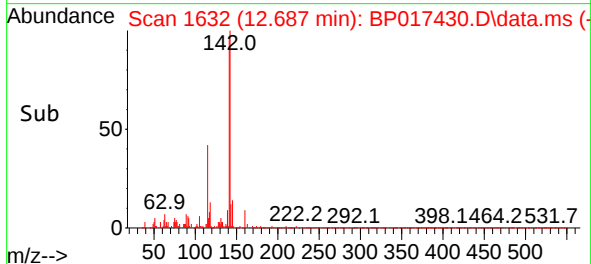
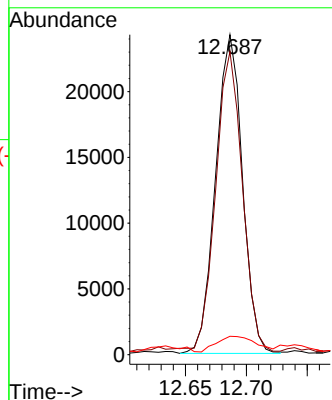
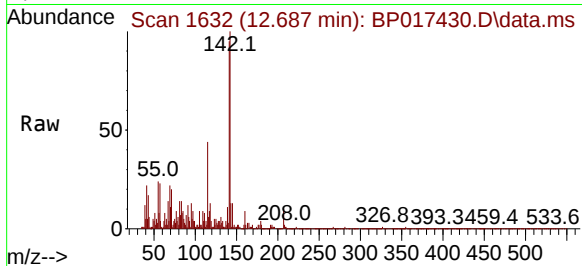




#37  
1-Methylnaphthalene  
Concen: 2.370 ng/ul  
RT: 12.687 min Scan# 1633  
Delta R.T. -0.006 min  
Lab File: BP017430.D  
Acq: 29 Sep 2023 00:51

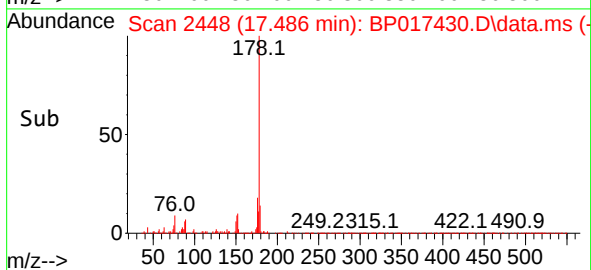
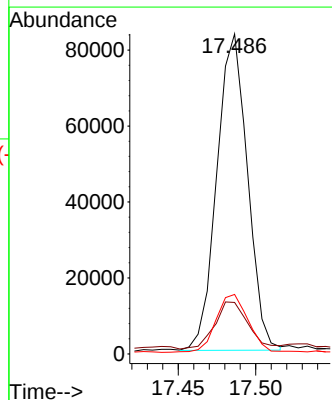
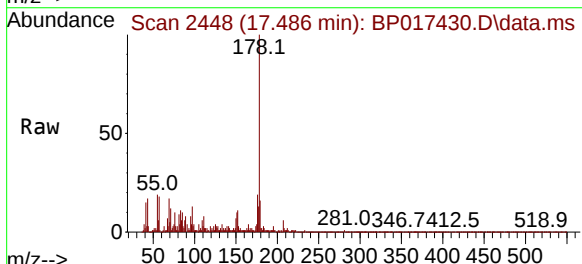
Instrument :  
BNA\_P  
ClientSampleId :  
EZYX1

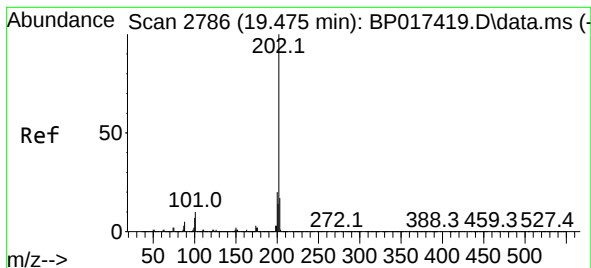
Tgt Ion:142 Resp: 37223  
Ion Ratio Lower Upper  
142 100  
141 94.7 73.4 110.2  
116 5.8 3.1 4.7#



#72  
Phenanthrene  
Concen: 3.379 ng/ul  
RT: 17.486 min Scan# 2448  
Delta R.T. -0.006 min  
Lab File: BP017430.D  
Acq: 29 Sep 2023 00:51

Tgt Ion:178 Resp: 114678  
Ion Ratio Lower Upper  
178 100  
179 16.1 12.7 19.1  
176 18.6 15.8 23.6





#80

Fluoranthene

Concen: 1.398 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP017430.D

Acq: 29 Sep 2023 00:51

Instrument :

BNA\_P

ClientSampleId :

EZYX1

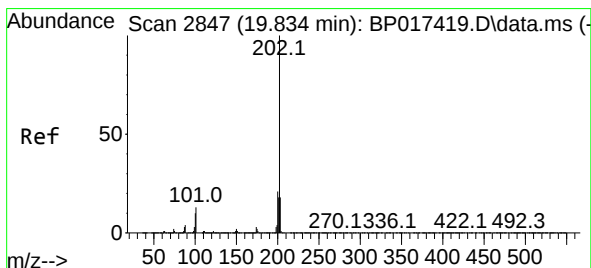
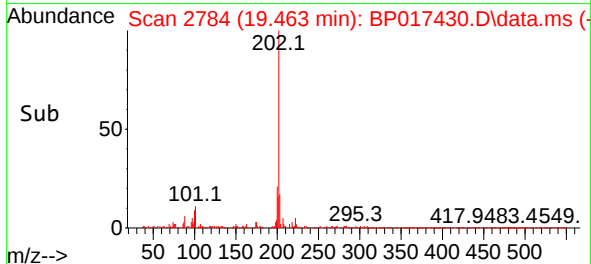
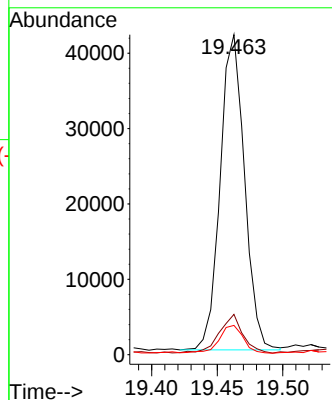
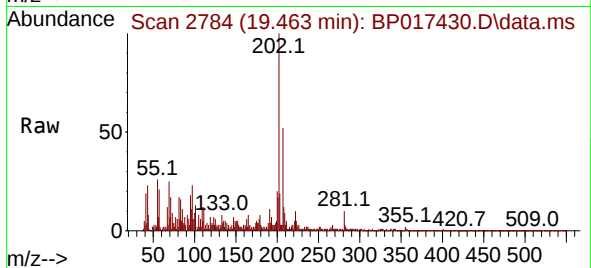
Tgt Ion:202 Resp: 53969

Ion Ratio Lower Upper

202 100

101 12.6 8.4 12.6

100 9.1 6.6 10.0



#82

Pyrene

Concen: 1.379 ng/ul

RT: 19.822 min Scan# 2845

Delta R.T. -0.012 min

Lab File: BP017430.D

Acq: 29 Sep 2023 00:51

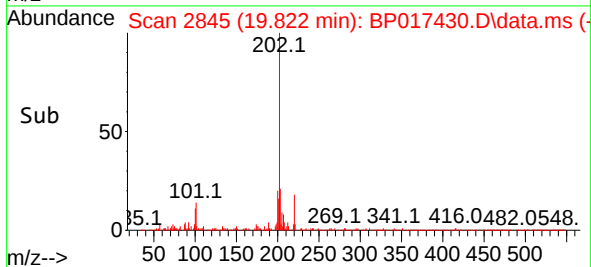
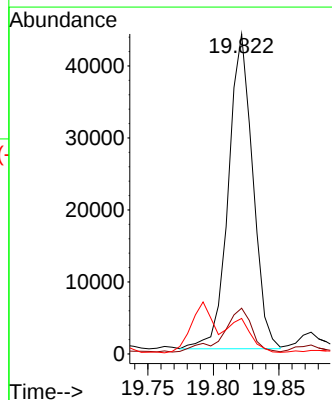
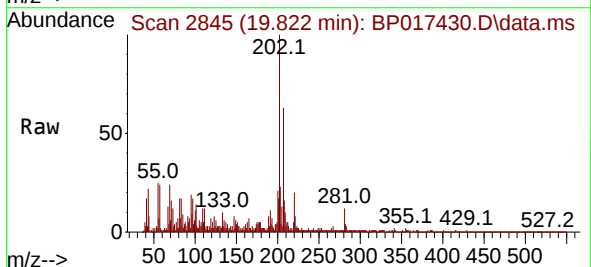
Tgt Ion:202 Resp: 56617

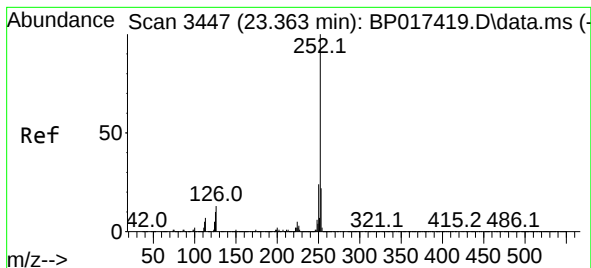
Ion Ratio Lower Upper

202 100

101 14.3 9.8 14.8

100 11.1 8.1 12.1





#90

Benzo(b)fluoranthene

Concen: 1.510 ng/ul

RT: 23.351 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP017430.D

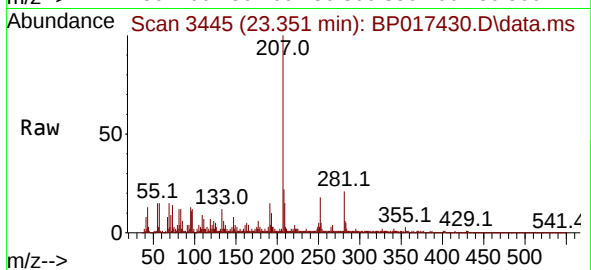
Acq: 29 Sep 2023 00:51

Instrument :

BNA\_P

ClientSampleId :

EZYX1



Tgt Ion:252 Resp: 64169

Ion Ratio Lower Upper

252 100

253 28.4 17.4 26.0#

125 28.8 7.8 11.8#

