

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062323\  
 Data File : BP015671.D  
 Acq On : 23 Jun 2023 14:56  
 Operator : MA/JU  
 Sample : 03084-20  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCFQ7

Quant Time: Jun 23 22:35:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 22 22:01:49 2023  
 Response via : Initial Calibration

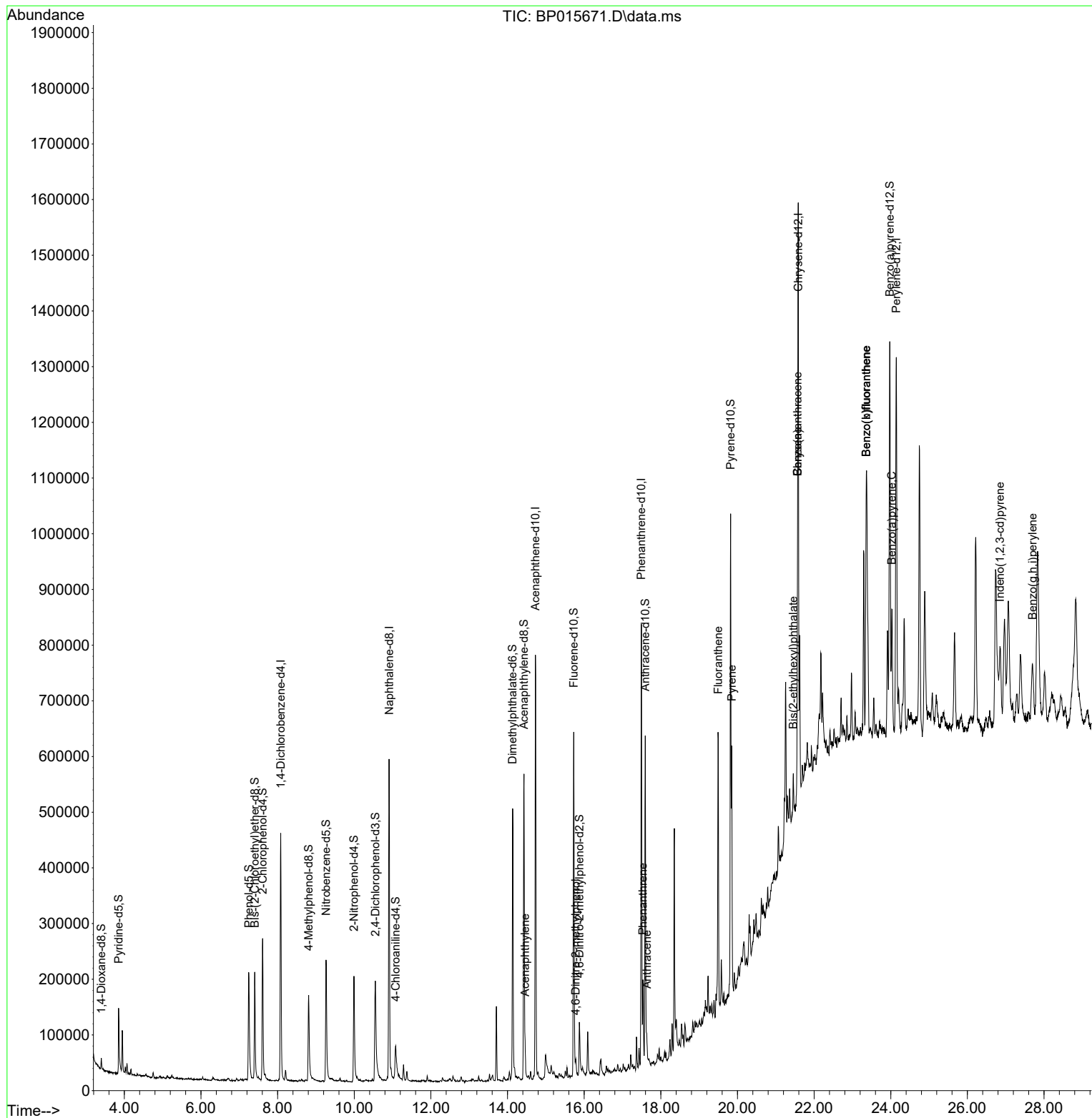
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.081  | 152  | 117853   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.910 | 136  | 466401   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.728 | 164  | 252573   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.492 | 188  | 461499   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.586 | 240  | 447405   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.145 | 264  | 561979   | 20.000 | ng/ul  | 0.01     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.399  | 96   | 8552     | 2.687  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.852  | 84   | 65095    | 7.874  | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 7.246  | 99   | 135651   | 12.494 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.405  | 67   | 93514    | 14.422 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.610  | 132  | 118664   | 15.074 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.810  | 113  | 72445    | 8.130  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.263  | 128  | 55535    | 15.166 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.993  | 143  | 65431    | 15.647 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.551 | 165  | 97725    | 12.811 | ng/ul  | 0.02     |
| 31) 4-Chloroaniline-d4        | 11.081 | 131  | 57555    | 5.257  | ng/ul  | 0.03     |
| 46) Dimethylphthalate-d6      | 14.134 | 166  | 326245   | 16.380 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.428 | 160  | 364656   | 16.744 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.939 | 143  | 191      | 0.054  | ng/ul  | -0.01    |
| 60) Fluorene-d10              | 15.728 | 176  | 251675   | 14.985 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.875 | 200  | 25935    | 8.871  | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.592 | 188  | 343352   | 16.352 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.822 | 212  | 416315   | 17.386 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.974 | 264  | 472619   | 16.761 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 50) Acenaphthylene            | 14.457 | 152  | 36082    | 1.496  | ng/ul  | 95       |
| 66) 4,6-Dinitro-2-methylph... | 15.781 | 198  | 3008     | 1.009  | ng/ul  | 96       |
| 72) Phenanthrene              | 17.533 | 178  | 88221    | 3.562  | ng/ul  | 98       |
| 74) Anthracene                | 17.633 | 178  | 30591    | 1.217  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.498 | 202  | 284430   | 9.751  | ng/ul  | 98       |
| 82) Pyrene                    | 19.851 | 202  | 255108   | 8.454  | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.569 | 228  | 170917   | 5.465  | ng/ul  | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.457 | 149  | 21107    | 1.071  | ng/ul# | 97       |
| 87) Chrysene                  | 21.569 | 228  | 169750   | 5.742  | ng/ul  | 96       |
| 90) Benzo(b)fluoranthene      | 23.357 | 252  | 313092   | 8.631  | ng/ul# | 97       |
| 91) Benzo(k)fluoranthene      | 23.357 | 252  | 313092   | 8.929  | ng/ul# | 98       |
| 93) Benzo(a)pyrene            | 24.027 | 252  | 186212   | 5.888  | ng/ul  | 95       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.851 | 276  | 161191   | 3.938  | ng/ul  | 96       |
| 96) Benzo(g,h,i)perylene      | 27.698 | 276  | 144729   | 4.291  | ng/ul  | 99       |

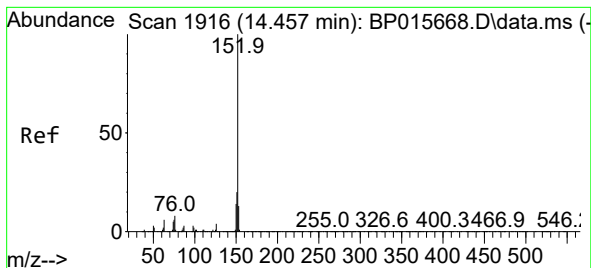
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062323\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 22 22:01:49 2023  
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.496 ng/ul

RT: 14.457 min Scan# 1916

Delta R.T. 0.006 min

Lab File: BP015671.D

Acq: 23 Jun 2023 14:56

Instrument :

BNA\_P

ClientSampleId :

DCFQ7

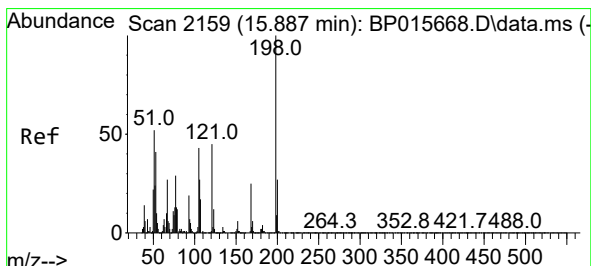
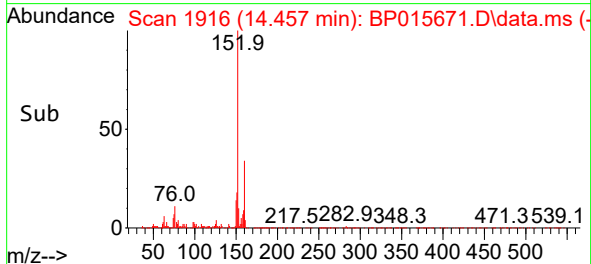
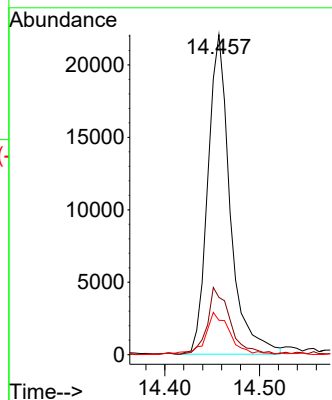
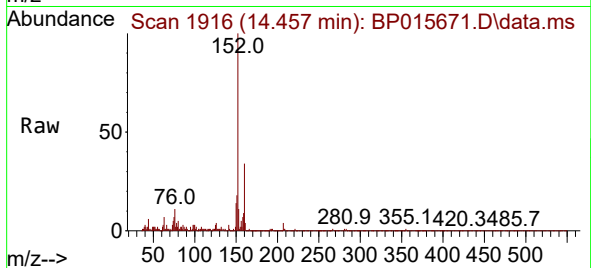
Tgt Ion:152 Resp: 36082

Ion Ratio Lower Upper

152 100

151 17.9 16.0 24.0

153 10.8 10.6 15.8



#66

4,6-Dinitro-2-methylphenol

Concen: 1.009 ng/ul

RT: 15.781 min Scan# 2141

Delta R.T. -0.094 min

Lab File: BP015671.D

Acq: 23 Jun 2023 14:56

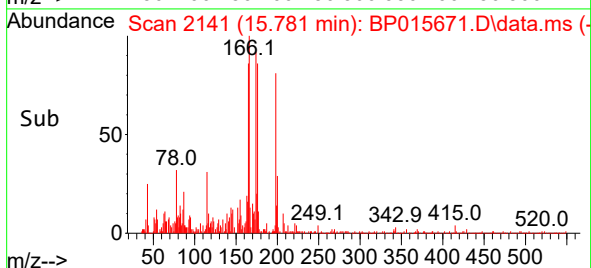
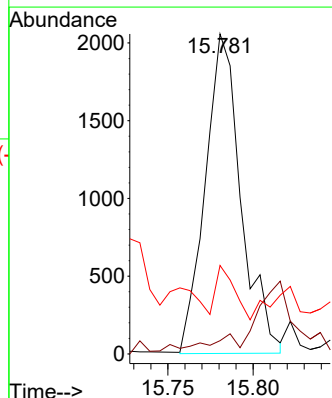
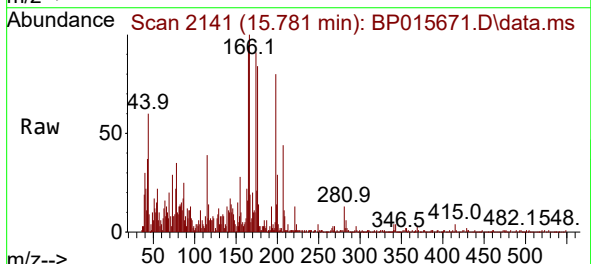
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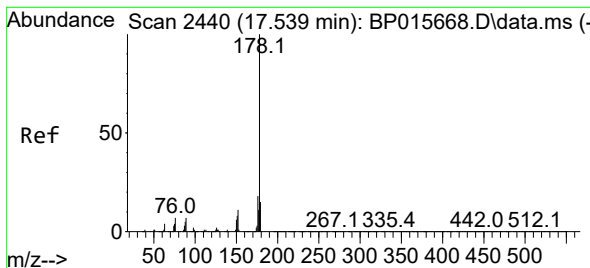
Ion Ratio Lower Upper

198 100

182 4.1 3.0 4.4

77 27.6 20.5 30.7





#72

Phenanthrene

Concen: 3.562 ng/ul

RT: 17.533 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BP015671.D

Acq: 23 Jun 2023 14:56

Instrument :

BNA\_P

ClientSampleId :

DCFQ7

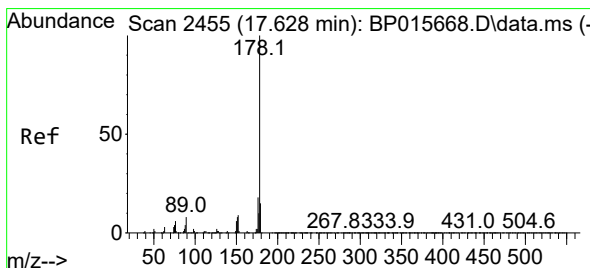
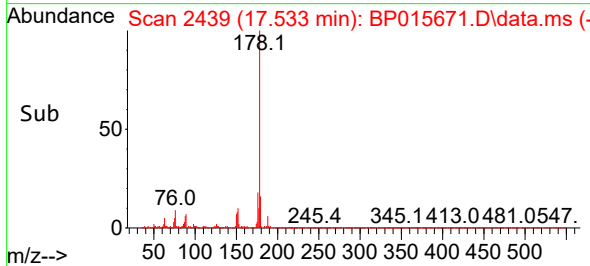
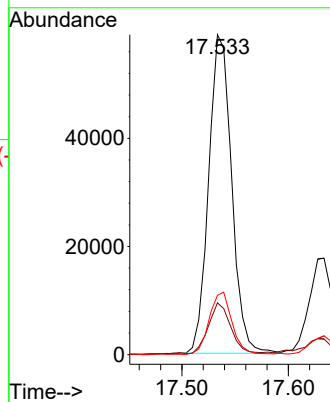
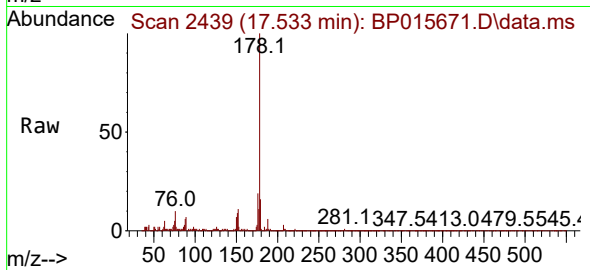
Tgt Ion:178 Resp: 88221

Ion Ratio Lower Upper

178 100

179 16.2 12.3 18.5

176 18.5 15.4 23.0



#74

Anthracene

Concen: 1.217 ng/ul

RT: 17.633 min Scan# 2456

Delta R.T. 0.006 min

Lab File: BP015671.D

Acq: 23 Jun 2023 14:56

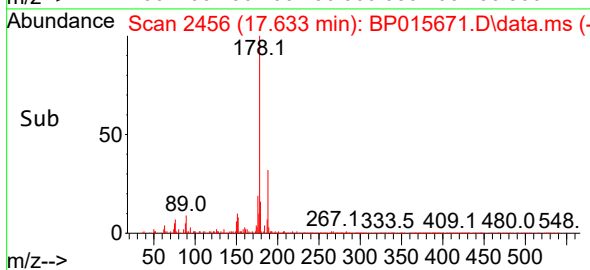
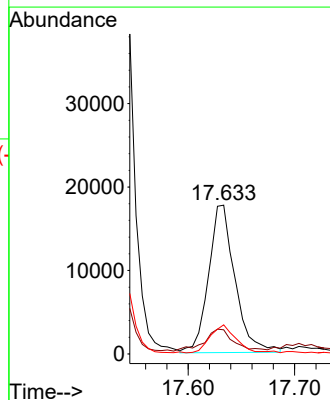
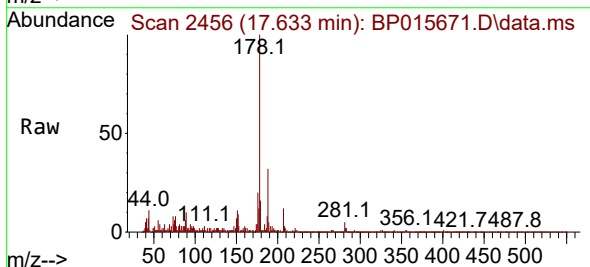
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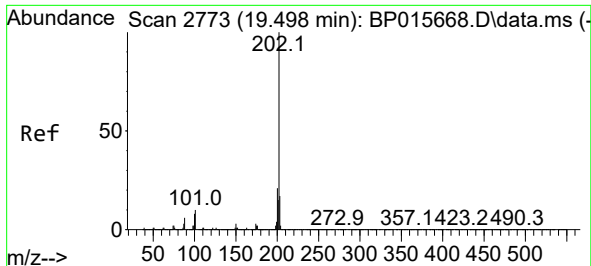
Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

176 19.5 15.0 22.4

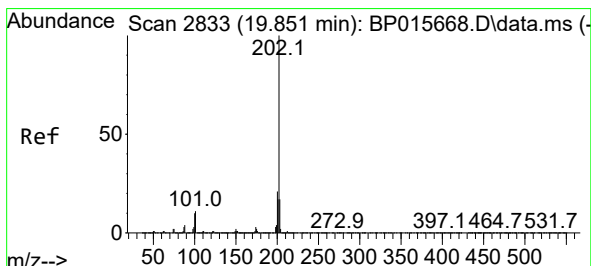
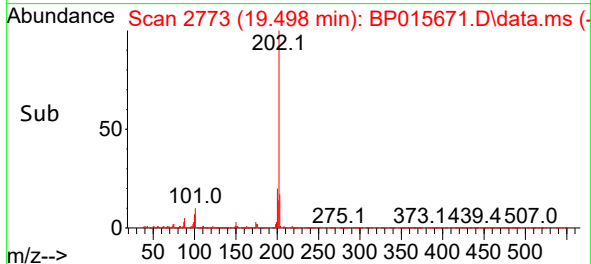
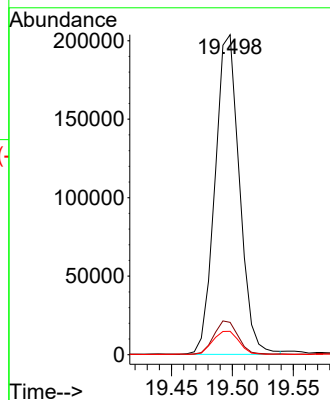
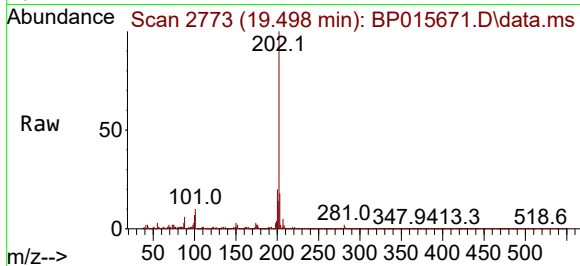




#80  
Fluoranthene  
Concen: 9.751 ng/ul  
RT: 19.498 min Scan# 2773  
Delta R.T. 0.006 min  
Lab File: BP015671.D  
Acq: 23 Jun 2023 14:56

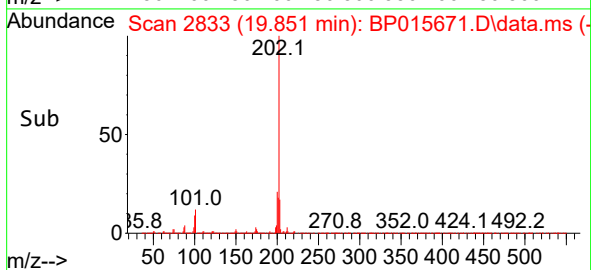
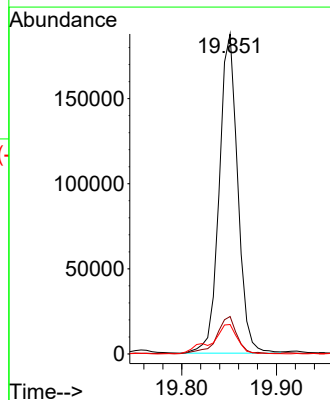
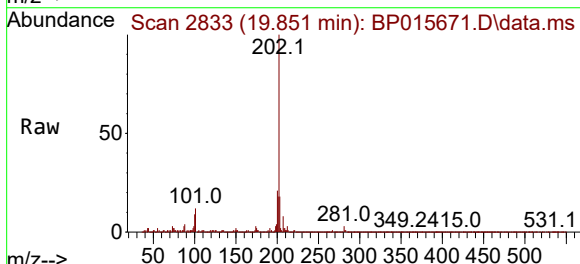
Instrument :  
BNA\_P  
ClientSampleId :  
DCFQ7

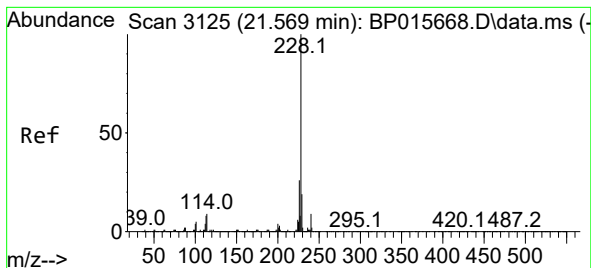
Tgt Ion:202 Resp: 284430  
Ion Ratio Lower Upper  
202 100  
101 10.1 8.6 13.0  
100 7.3 6.6 9.8



#82  
Pyrene  
Concen: 8.454 ng/ul  
RT: 19.851 min Scan# 2833  
Delta R.T. 0.006 min  
Lab File: BP015671.D  
Acq: 23 Jun 2023 14:56

Tgt Ion:202 Resp: 255108  
Ion Ratio Lower Upper  
202 100  
101 11.7 9.9 14.9  
100 9.2 8.4 12.6





#85

Benzo(a)anthracene

Concen: 5.465 ng/ul

RT: 21.569 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BP015671.D

Acq: 23 Jun 2023 14:56

Instrument :

BNA\_P

ClientSampleId :

DCFQ7

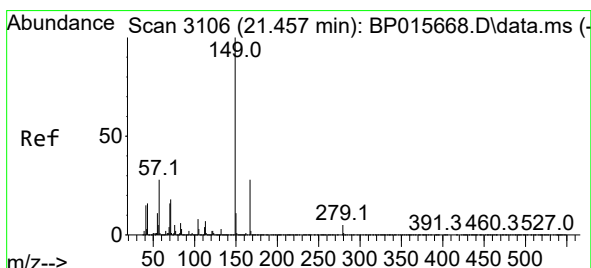
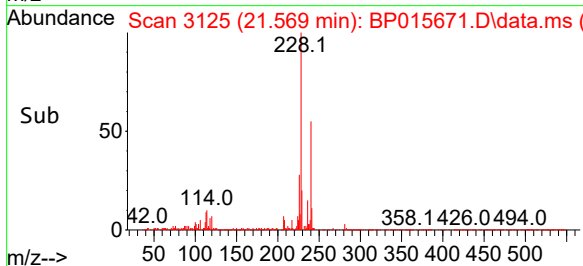
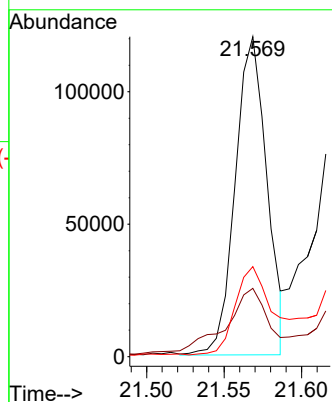
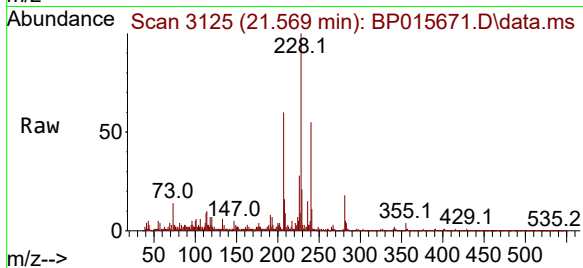
Tgt Ion:228 Resp: 170917

Ion Ratio Lower Upper

228 100

229 21.3 15.8 23.6

226 28.1 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.071 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP015671.D

Acq: 23 Jun 2023 14:56

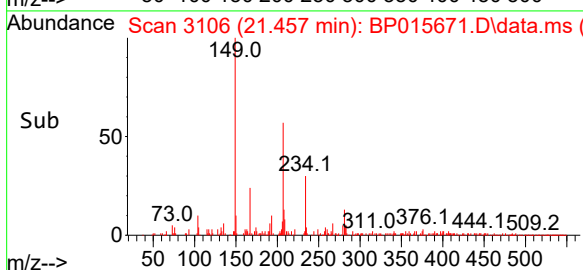
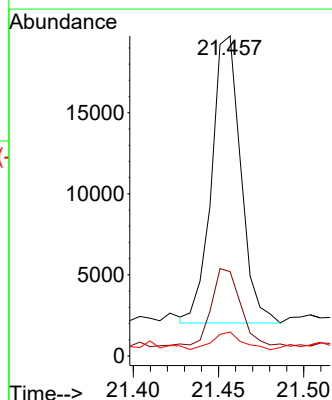
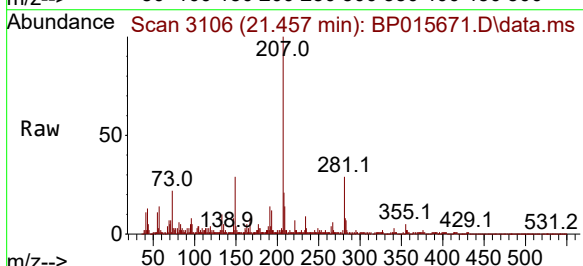
Tgt Ion:149 Resp: 21107

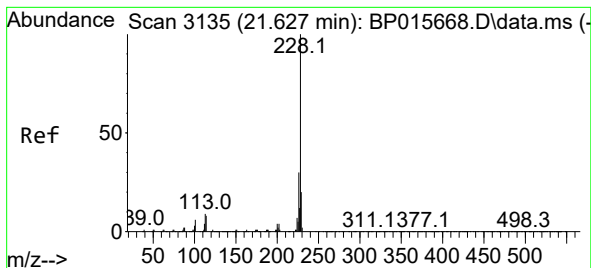
Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.8

279 7.5 3.7 5.5#





#87

Chrysene

Concen: 5.742 ng/ul

RT: 21.569 min Scan# 3125

Delta R.T. -0.053 min

Lab File: BP015671.D

Acq: 23 Jun 2023 14:56

Instrument :

BNA\_P

ClientSampleId :

DCFQ7

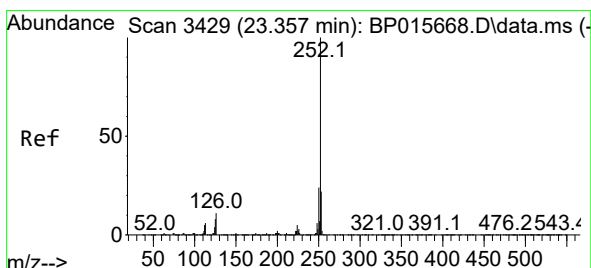
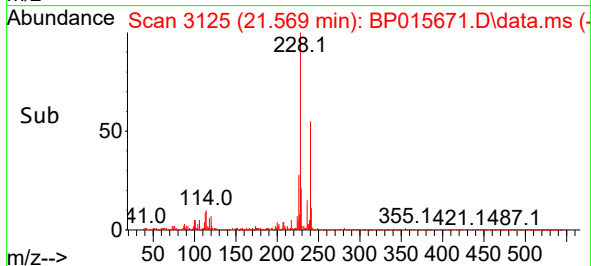
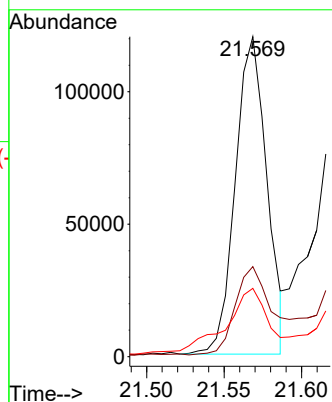
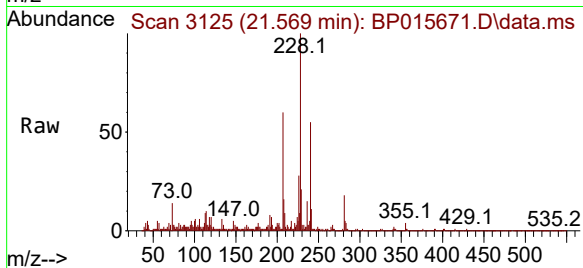
Tgt Ion:228 Resp: 169750

Ion Ratio Lower Upper

228 100

226 28.1 23.9 35.9

229 21.3 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 8.631 ng/ul

RT: 23.357 min Scan# 3429

Delta R.T. 0.012 min

Lab File: BP015671.D

Acq: 23 Jun 2023 14:56

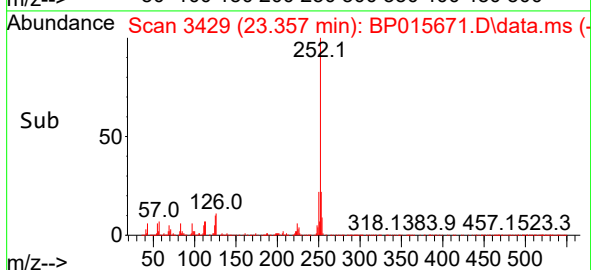
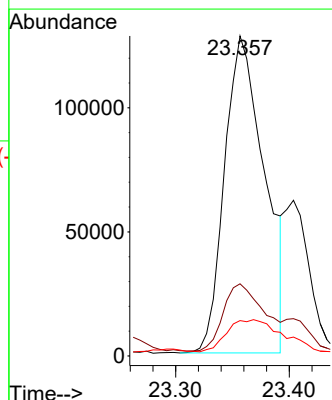
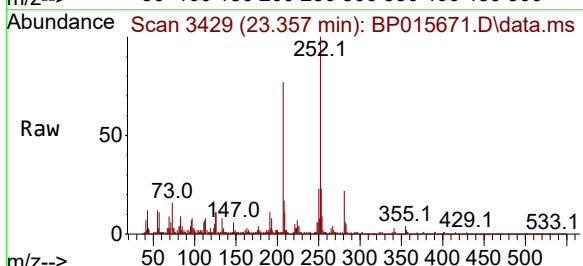
Tgt Ion:252 Resp: 313092

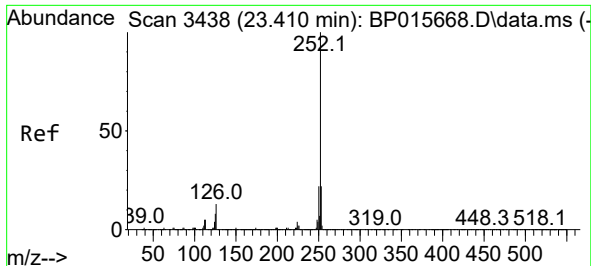
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 11.0 7.3 10.9#

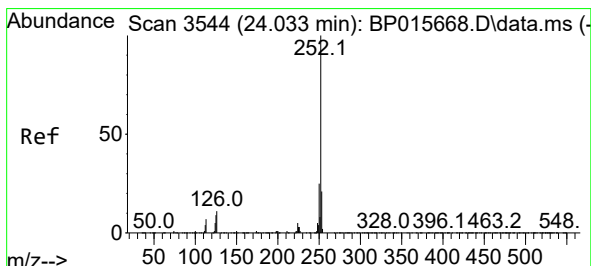
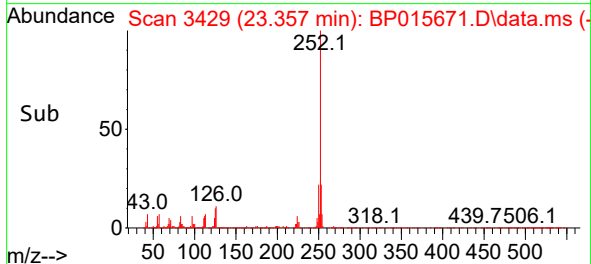
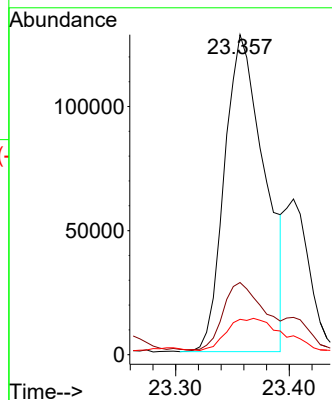
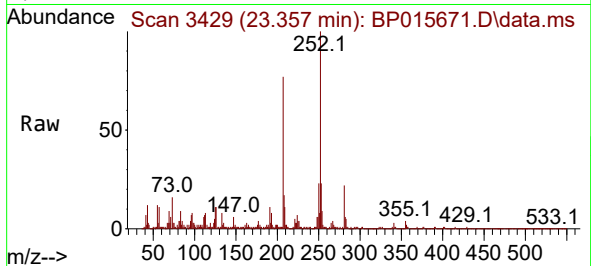




#91  
Benzo(k)fluoranthene  
Concen: 8.929 ng/ul  
RT: 23.357 min Scan# 3438  
Delta R.T. -0.041 min  
Lab File: BP015671.D  
Acq: 23 Jun 2023 14:56

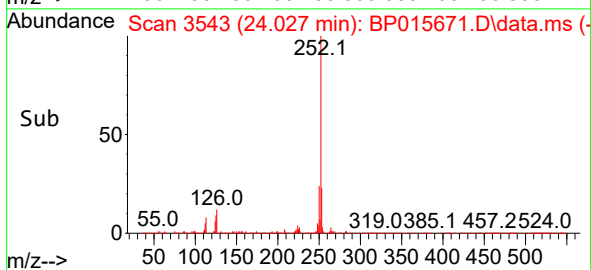
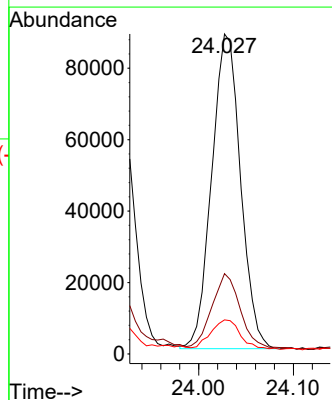
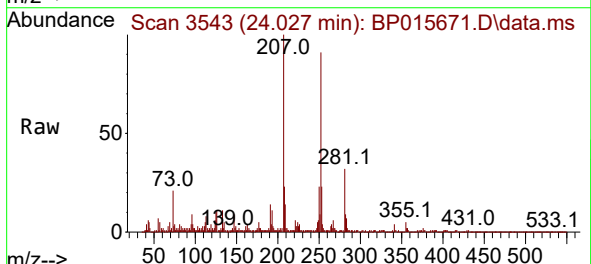
Instrument :  
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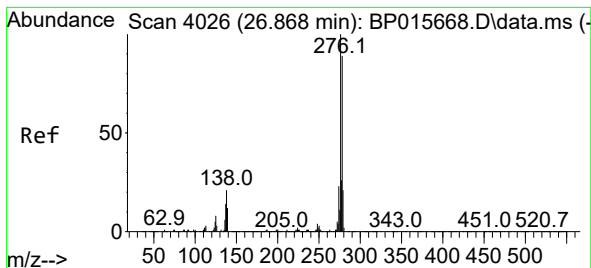
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Ion Ratio Lower Upper  
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253 22.5 17.7 26.5  
125 11.0 7.3 10.9#



#93  
Benzo(a)pyrene  
Concen: 5.888 ng/ul  
RT: 24.027 min Scan# 3543  
Delta R.T. 0.006 min  
Lab File: BP015671.D  
Acq: 23 Jun 2023 14:56

Tgt Ion:252 Resp: 186212  
Ion Ratio Lower Upper  
252 100  
253 25.1 17.8 26.6  
125 10.6 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.938 ng/ul

RT: 26.851 min Scan# 4026

Delta R.T. 0.012 min

Lab File: BP015671.D

Acq: 23 Jun 2023 14:56

Instrument :

BNA\_P

ClientSampleId :

DCFQ7

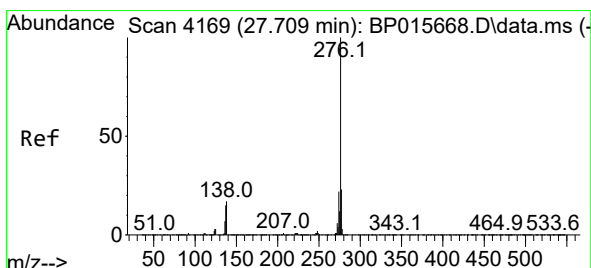
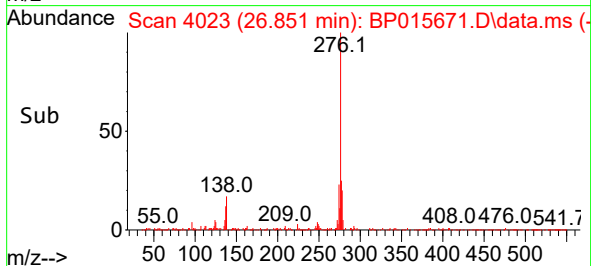
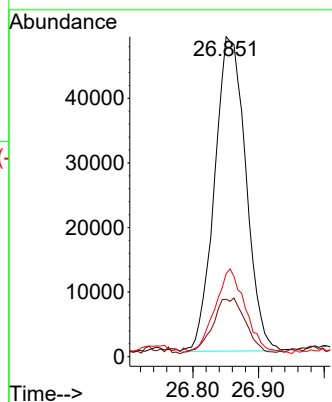
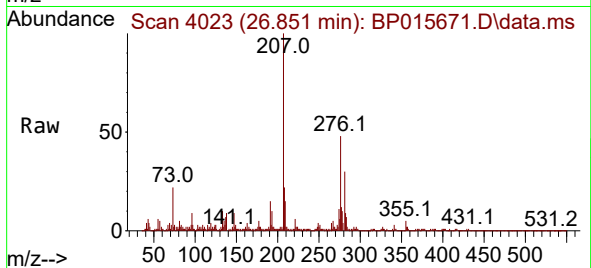
Tgt Ion:276 Resp: 161191

Ion Ratio Lower Upper

276 100

138 18.0 17.3 25.9

277 26.0 20.2 30.2



#96

Benzo(g,h,i)perylene

Concen: 4.291 ng/ul

RT: 27.698 min Scan# 4167

Delta R.T. 0.018 min

Lab File: BP015671.D

Acq: 23 Jun 2023 14:56

Tgt Ion:276 Resp: 144729

Ion Ratio Lower Upper

276 100

138 19.4 15.6 23.4

277 24.5 19.0 28.6

