

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082123\  
 Data File : BP016676.D  
 Acq On : 21 Aug 2023 15:39  
 Operator : MA/JU  
 Sample : 03968-35  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A48Q3

Quant Time: Aug 21 18:02:04 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP081423.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 17 01:38:34 2023  
 Response via : Initial Calibration

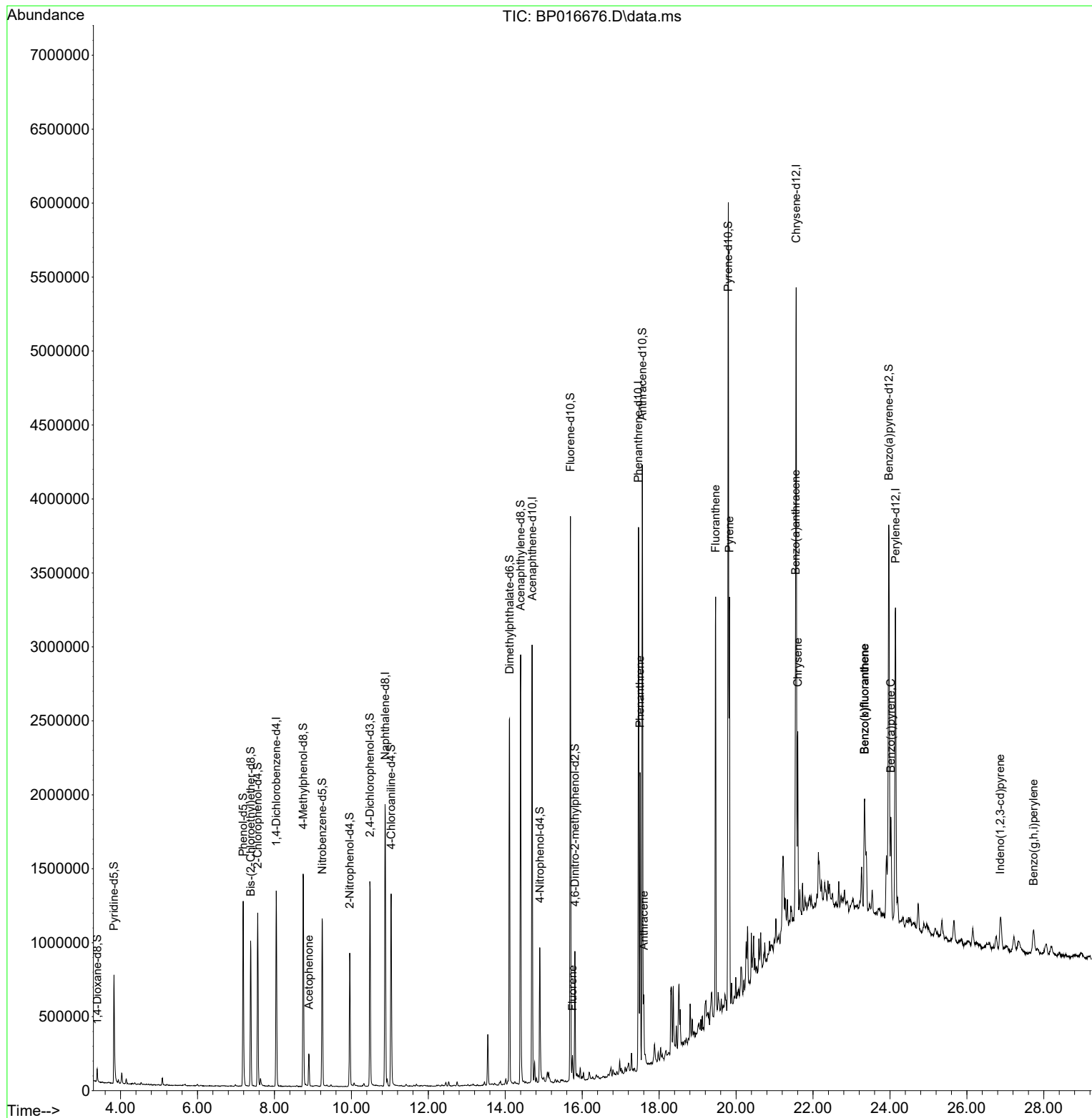
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.046  | 152  | 327725   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.875 | 136  | 1499907  | 20.000 | ng/u1  | -0.01    |
| 38) Acenaphthene-d10          | 14.698 | 164  | 902792   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.463 | 188  | 1988861  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.563 | 240  | 1738250  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.145 | 264  | 1617697  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.393  | 96   | 44728    | 5.186  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.828  | 84   | 421684   | 16.070 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.187  | 99   | 684713   | 22.662 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.381  | 67   | 437080   | 21.964 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.564  | 132  | 485816   | 22.387 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.746  | 113  | 528630   | 22.004 | ng/u1  | -0.01    |
| 21) Nitrobenzene-d5           | 9.240  | 128  | 249344   | 23.626 | ng/u1  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.957  | 143  | 255860   | 25.525 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.481 | 165  | 466781   | 23.663 | ng/u1  | -0.01    |
| 31) 4-Chloroaniline-d4        | 11.034 | 131  | 650726   | 19.226 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.110 | 166  | 1515989  | 23.216 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.398 | 160  | 1758962  | 23.866 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.898 | 143  | 212236   | 15.955 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.693 | 176  | 1360537  | 24.440 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.810 | 200  | 143566   | 15.173 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.563 | 188  | 2096287  | 24.367 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.798 | 212  | 2522612  | 27.696 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.969 | 264  | 1963347  | 25.325 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 8.893  | 105  | 112529   | 2.901  | ng/u1  | 98       |
| 61) Fluorene                  | 15.745 | 166  | 66570    | 1.024  | ng/u1  | 100      |
| 72) Phenanthrene              | 17.504 | 178  | 1130037  | 10.785 | ng/u1  | 100      |
| 74) Anthracene                | 17.598 | 178  | 259632   | 2.467  | ng/u1  | 99       |
| 80) Fluoranthene              | 19.469 | 202  | 1540374  | 14.170 | ng/u1  | 100      |
| 82) Pyrene                    | 19.828 | 202  | 1471212  | 12.817 | ng/u1  | 97       |
| 85) Benzo(a)anthracene        | 21.545 | 228  | 721583   | 6.177  | ng/u1  | 98       |
| 87) Chrysene                  | 21.604 | 228  | 667379   | 6.105  | ng/u1  | 98       |
| 90) Benzo(b)fluoranthene      | 23.339 | 252  | 690232   | 7.166  | ng/u1  | 96       |
| 91) Benzo(k)fluoranthene      | 23.339 | 252  | 690232   | 7.223  | ng/u1# | 97       |
| 93) Benzo(a)pyrene            | 24.021 | 252  | 495077   | 5.449  | ng/u1  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.868 | 276  | 253658   | 2.365  | ng/u1  | 95       |
| 96) Benzo(g,h,i)perylene      | 27.733 | 276  | 226575   | 2.655  | ng/u1  | 96       |

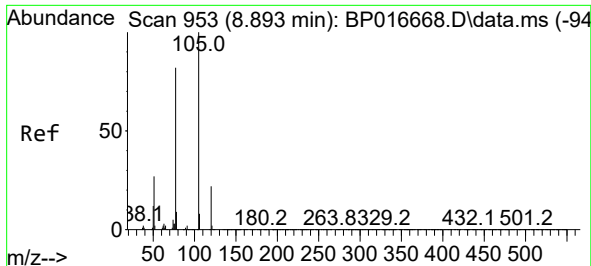
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082123\  
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ALS Vial : 10 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Aug 17 01:38:34 2023  
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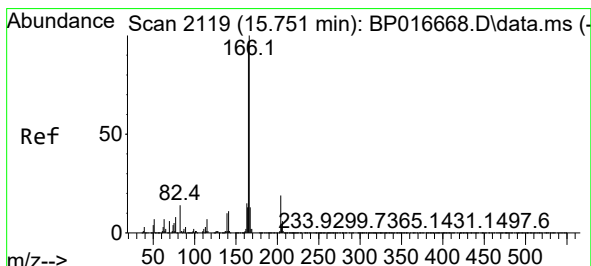
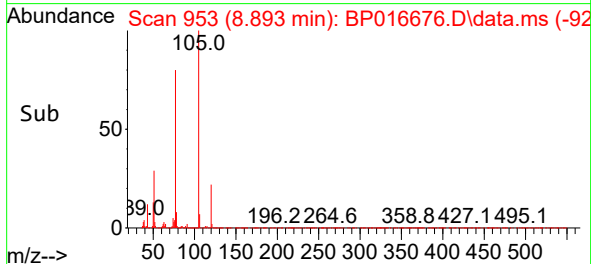
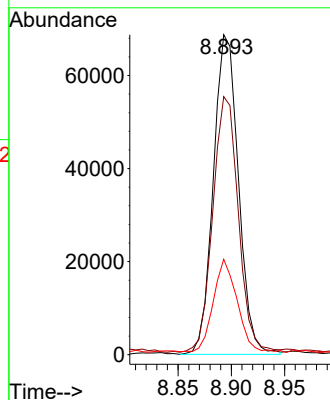
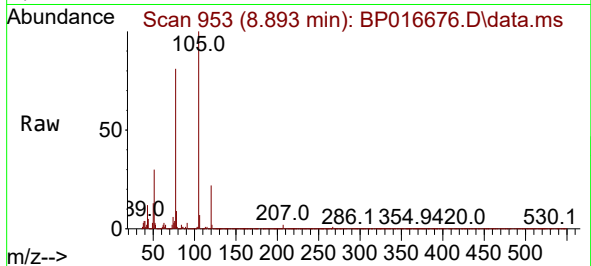




#16  
Acetophenone  
Concen: 2.901 ng/ul  
RT: 8.893 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BP016676.D  
Acq: 21 Aug 2023 15:39

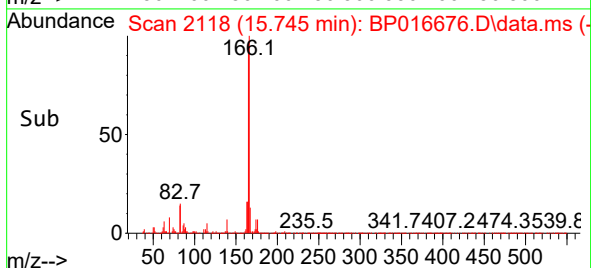
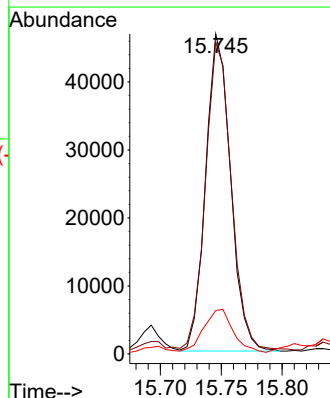
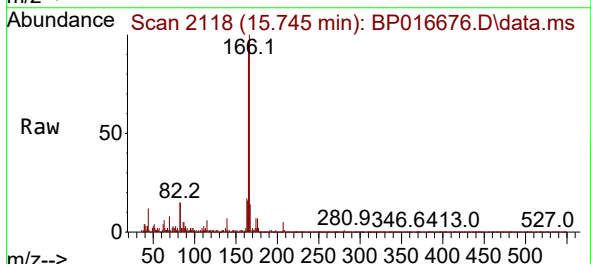
Instrument :  
BNA\_P  
ClientSampleId :  
A48Q3

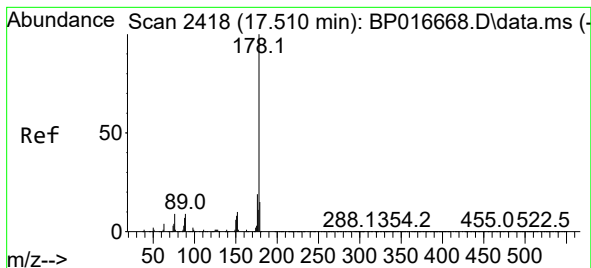
Tgt Ion:105 Resp: 112529  
Ion Ratio Lower Upper  
105 100  
77 80.6 64.4 96.6  
51 29.8 21.2 31.8



#61  
Fluorene  
Concen: 1.024 ng/ul  
RT: 15.745 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: BP016676.D  
Acq: 21 Aug 2023 15:39

Tgt Ion:166 Resp: 66570  
Ion Ratio Lower Upper  
166 100  
165 97.5 78.3 117.5  
167 13.5 10.8 16.2





#72

Phenanthrene

Concen: 10.785 ng/ul

RT: 17.504 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BP016676.D

Acq: 21 Aug 2023 15:39

Instrument :

BNA\_P

ClientSampleId :

A48Q3

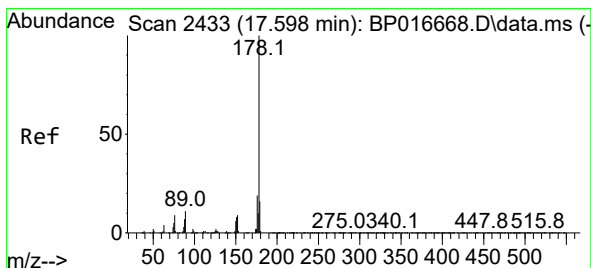
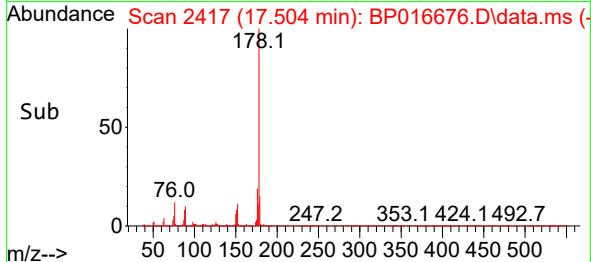
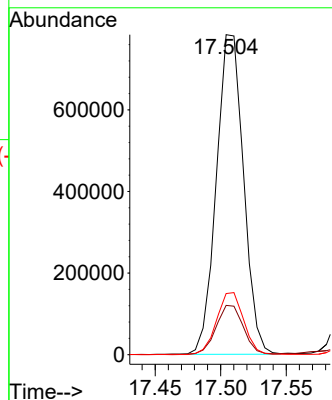
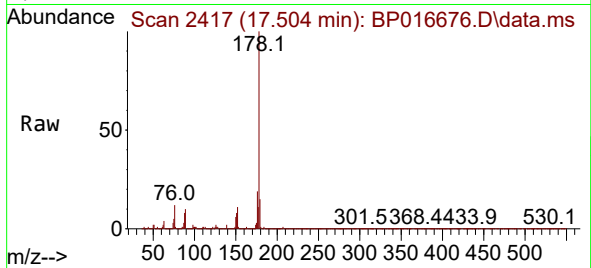
Tgt Ion:178 Resp: 1130037

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 19.1 15.5 23.3



#74

Anthracene

Concen: 2.467 ng/ul

RT: 17.598 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP016676.D

Acq: 21 Aug 2023 15:39

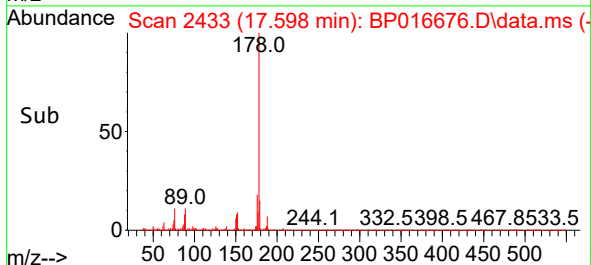
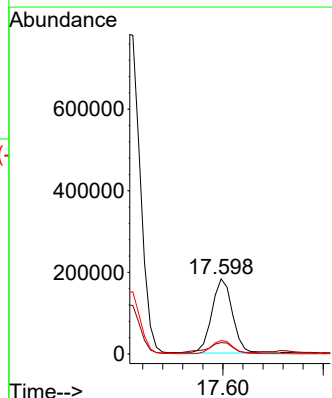
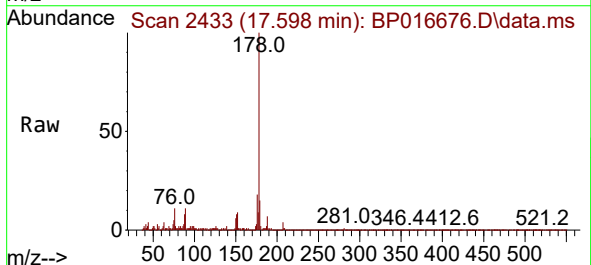
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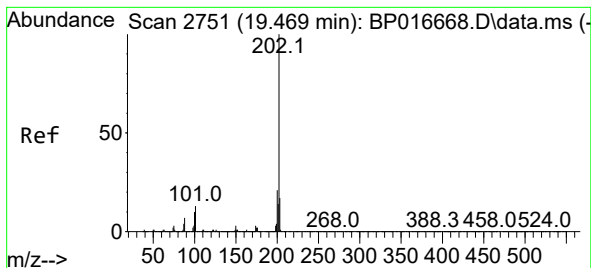
Ion Ratio Lower Upper

178 100

179 15.1 12.5 18.7

176 18.0 14.9 22.3





#80

Fluoranthene

Concen: 14.170 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016676.D

Acq: 21 Aug 2023 15:39

Instrument :

BNA\_P

ClientSampleId :

A48Q3

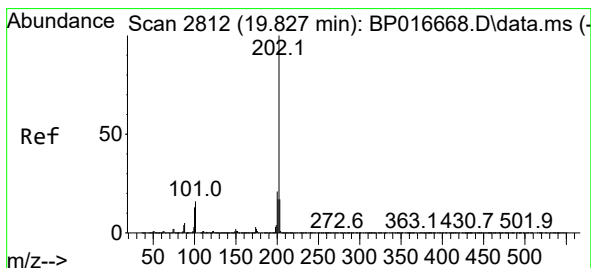
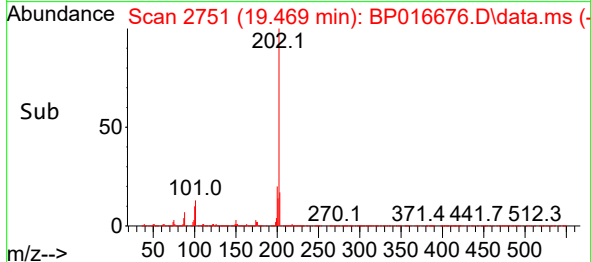
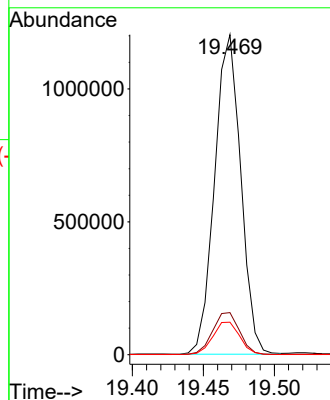
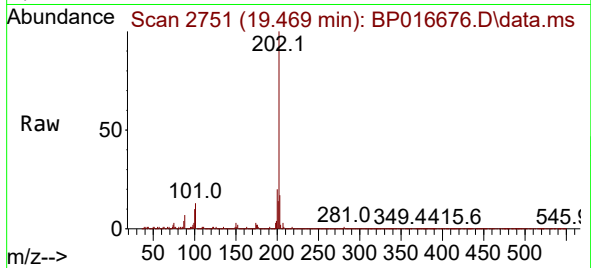
Tgt Ion:202 Resp: 1540374

Ion Ratio Lower Upper

202 100

101 13.2 10.6 16.0

100 10.2 8.1 12.1



#82

Pyrene

Concen: 12.817 ng/ul

RT: 19.828 min Scan# 2812

Delta R.T. -0.000 min

Lab File: BP016676.D

Acq: 21 Aug 2023 15:39

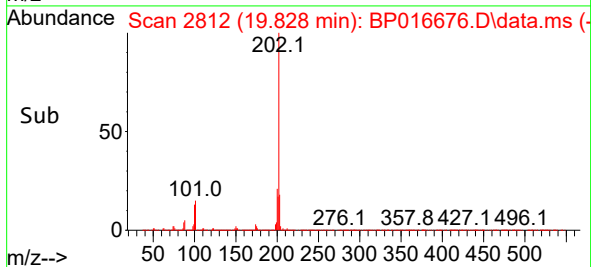
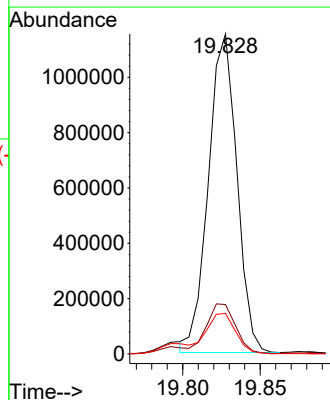
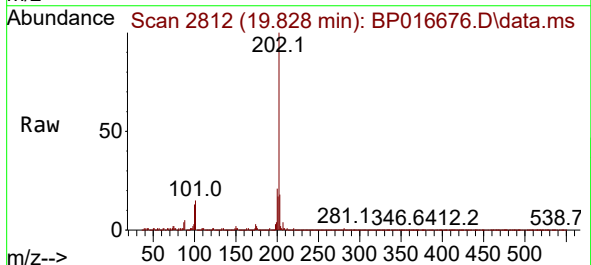
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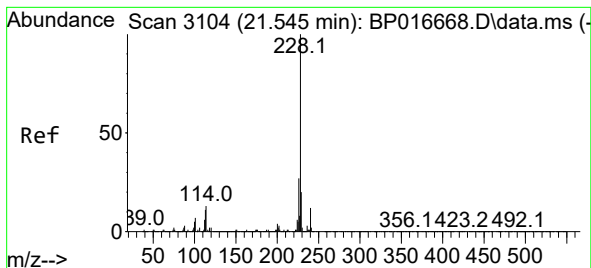
Ion Ratio Lower Upper

202 100

101 15.4 13.4 20.2

100 12.7 11.0 16.4





#85

Benzo(a)anthracene

Concen: 6.177 ng/ul

RT: 21.545 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BP016676.D

Acq: 21 Aug 2023 15:39

Instrument :

BNA\_P

ClientSampleId :

A48Q3

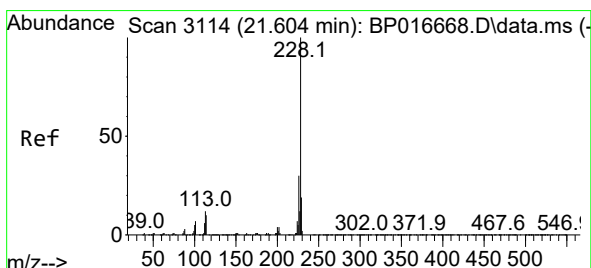
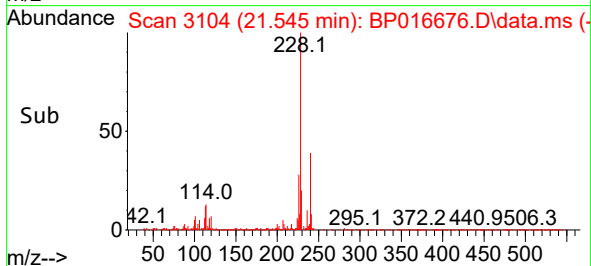
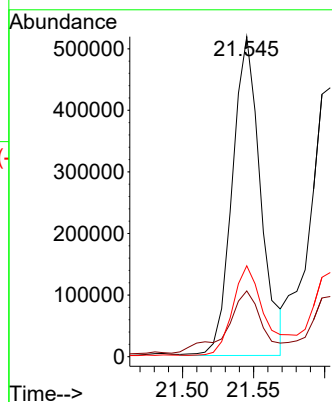
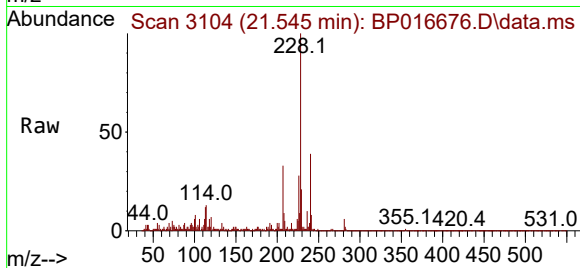
Tgt Ion:228 Resp: 721583

Ion Ratio Lower Upper

228 100

229 20.6 15.8 23.6

226 28.4 21.8 32.6



#87

Chrysene

Concen: 6.105 ng/ul

RT: 21.604 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BP016676.D

Acq: 21 Aug 2023 15:39

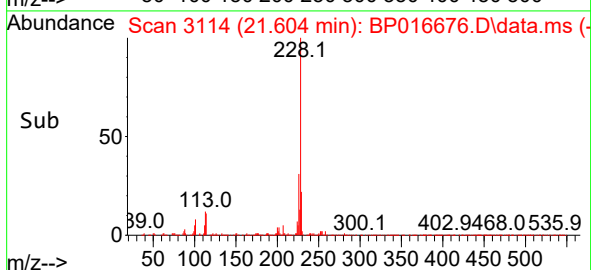
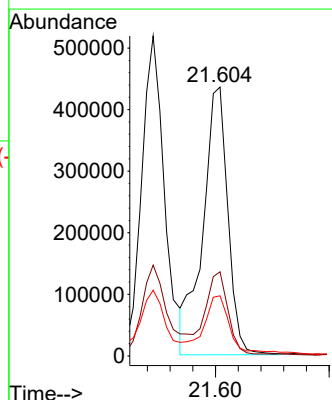
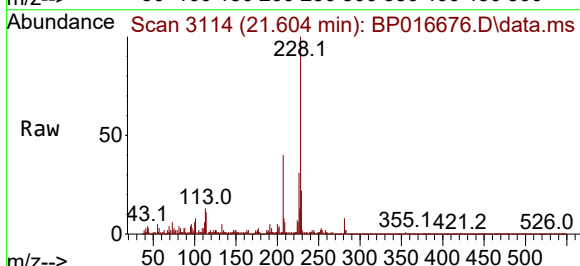
Tgt Ion:228 Resp: 667379

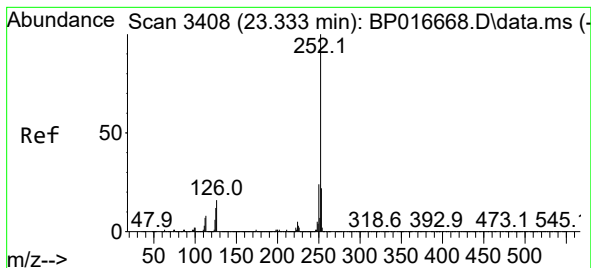
Ion Ratio Lower Upper

228 100

226 31.3 24.6 36.8

229 22.4 16.4 24.6





#90

Benzo(b)fluoranthene

Concen: 7.166 ng/ul

RT: 23.339 min Scan# 3409

Delta R.T. -0.000 min

Lab File: BP016676.D

Acq: 21 Aug 2023 15:39

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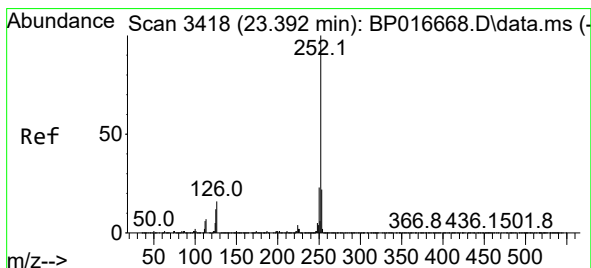
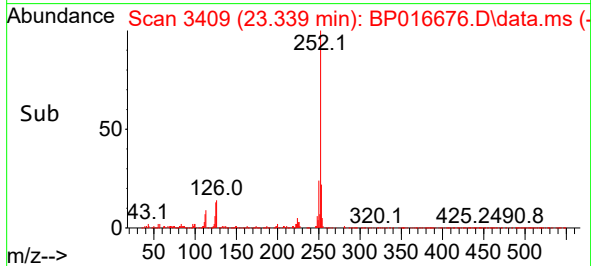
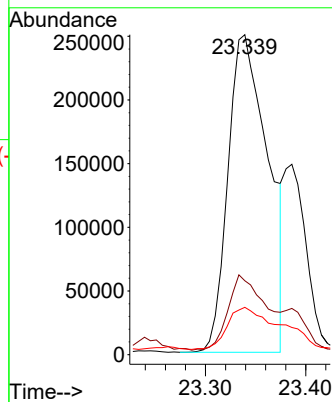
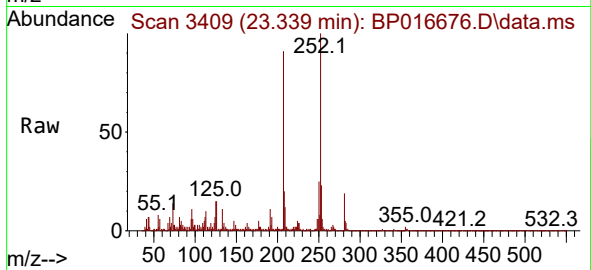
Tgt Ion:252 Resp: 690232

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

125 14.8 10.0 15.0



#91

Benzo(k)fluoranthene

Concen: 7.223 ng/ul

RT: 23.339 min Scan# 3409

Delta R.T. -0.053 min

Lab File: BP016676.D

Acq: 21 Aug 2023 15:39

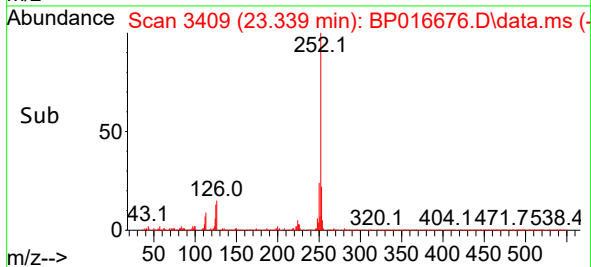
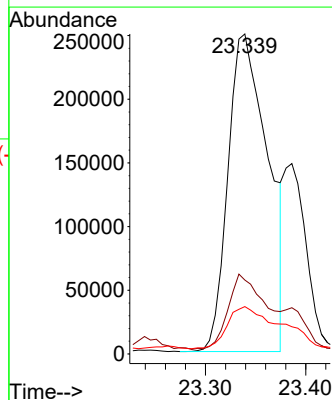
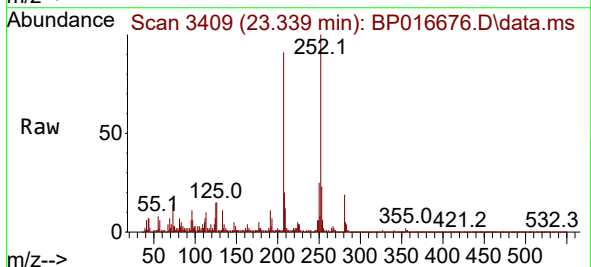
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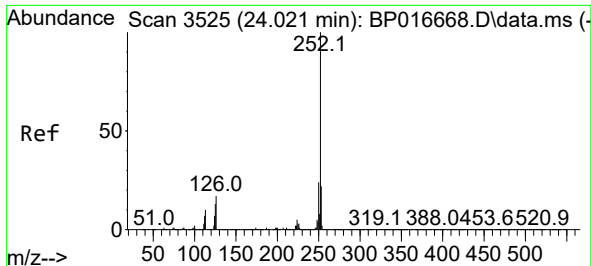
Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

125 14.8 9.8 14.8#

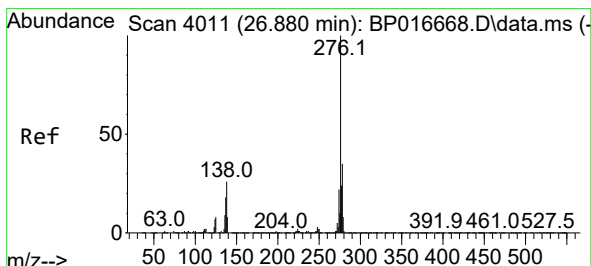
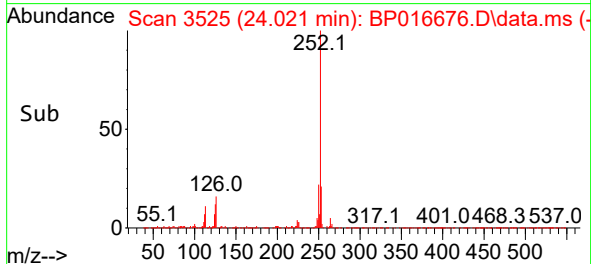
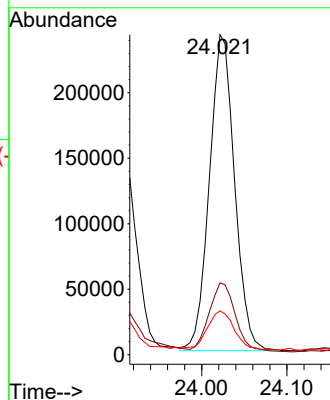
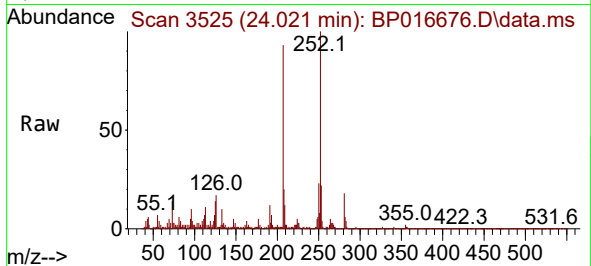




#93  
Benzo(a)pyrene  
Concen: 5.449 ng/ul  
RT: 24.021 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP016676.D  
Acq: 21 Aug 2023 15:39

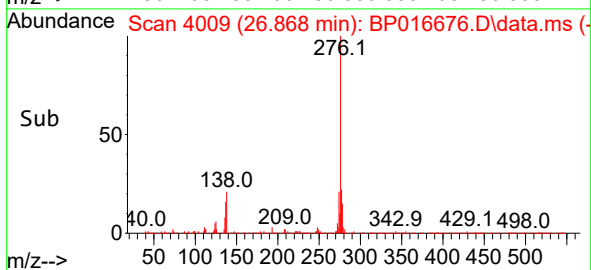
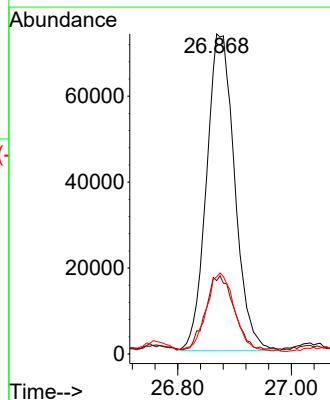
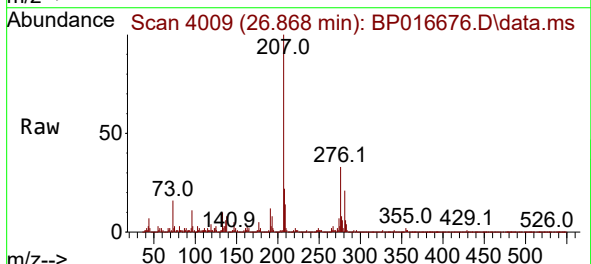
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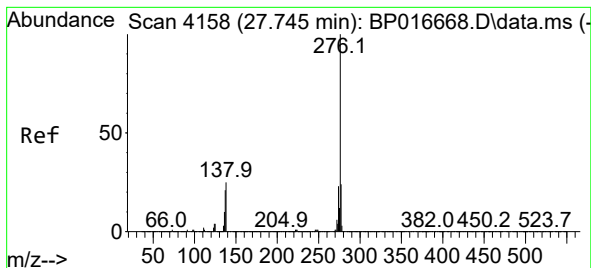
Tgt Ion:252 Resp: 495077  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.7 26.5  
125 13.7 10.6 15.8



#94  
Indeno(1,2,3-cd)pyrene  
Concen: 2.365 ng/ul  
RT: 26.868 min Scan# 4009  
Delta R.T. -0.018 min  
Lab File: BP016676.D  
Acq: 21 Aug 2023 15:39

Tgt Ion:276 Resp: 253658  
Ion Ratio Lower Upper  
276 100  
138 22.9 21.7 32.5  
277 24.1 19.5 29.3





#96

Benzo(g,h,i)perylene

Concen: 2.655 ng/ul

RT: 27.733 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP016676.D

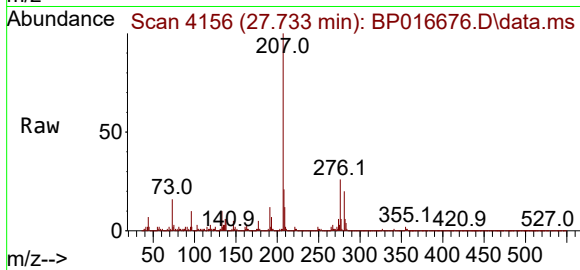
Acq: 21 Aug 2023 15:39

Instrument :

BNA\_P

ClientSampleId :

A48Q3



Tgt Ion:276 Resp: 226575

Ion Ratio Lower Upper

276 100

138 23.3 21.5 32.3

277 24.7 19.3 28.9

