

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062823\  
 Data File : BP015773.D  
 Acq On : 28 Jun 2023 11:34  
 Operator : MA/JU  
 Sample : 03142-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCFS5

Quant Time: Jun 28 23:56:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 27 00:56:58 2023  
 Response via : Initial Calibration

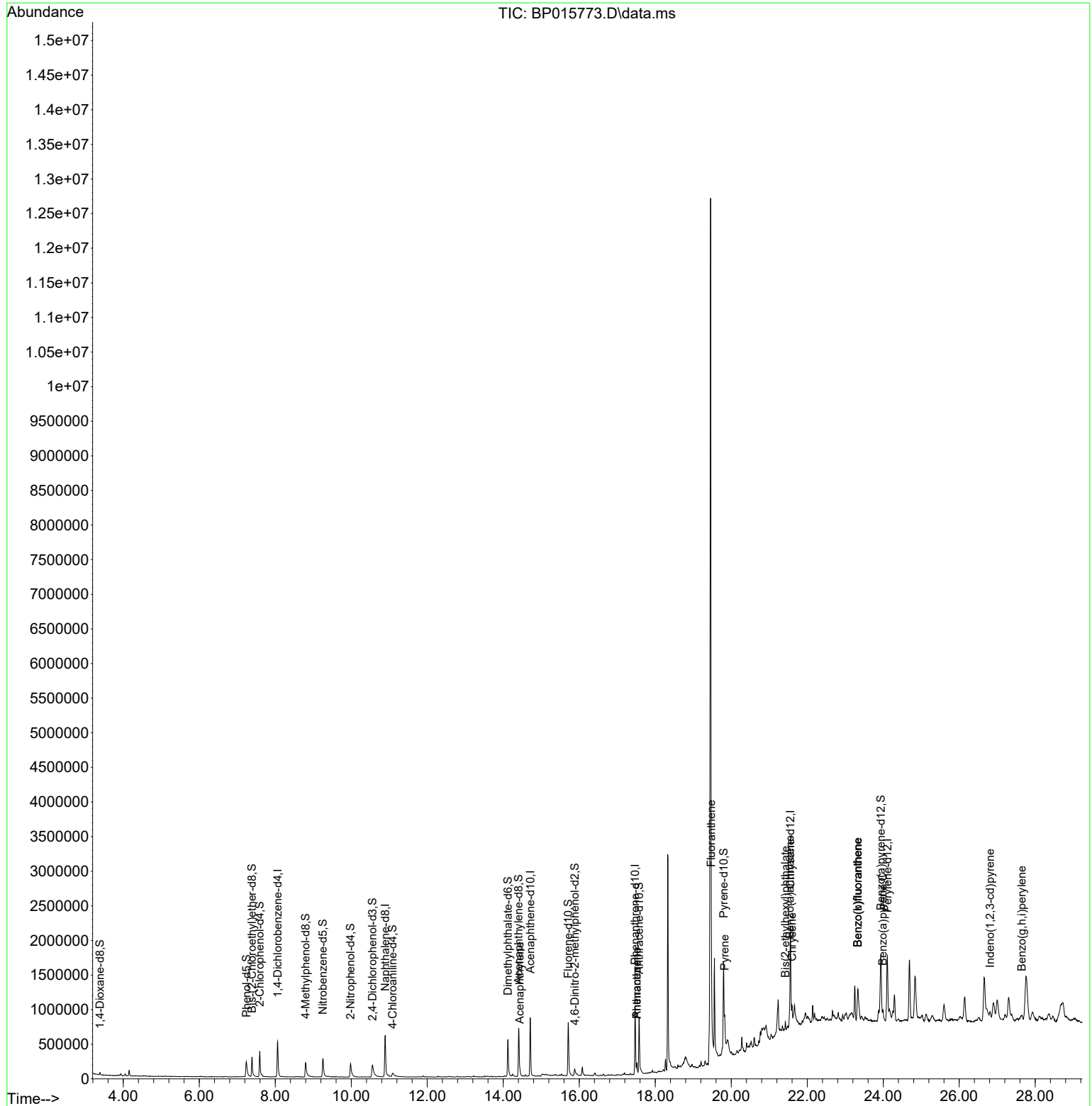
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.063  | 152  | 156392   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.893 | 136  | 569304   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.710 | 164  | 295060   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.469 | 188  | 595087   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.557 | 240  | 613047   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.110 | 264  | 778179   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.387  | 96   | 14592    | 3.357  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.834  | 84   | 627      | 0.057  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.240  | 99   | 200465   | 14.981 | ng/ul  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.387  | 67   | 152790   | 18.456 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.593  | 132  | 181650   | 17.983 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.799  | 113  | 115176   | 10.896 | ng/ul  | 0.01     |
| 21) Nitrobenzene-d5           | 9.252  | 128  | 78722    | 18.094 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.981  | 143  | 84497    | 16.640 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.557 | 165  | 129413   | 14.302 | ng/ul  | 0.04     |
| 31) 4-Chloroaniline-d4        | 11.087 | 131  | 58725    | 5.052  | ng/ul  | 0.05     |
| 46) Dimethylphthalate-d6      | 14.122 | 166  | 419136   | 18.378 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.404 | 160  | 493426   | 19.247 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.945 | 143  | 23       | 0.008  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.710 | 176  | 350463   | 18.663 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.881 | 200  | 30699    | 8.388  | ng/ul  | 0.02     |
| 73) Anthracene-d10            | 17.575 | 188  | 528821   | 19.455 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.798 | 212  | 651971   | 16.287 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.939 | 264  | 761429   | 19.397 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 50) Acenaphthylene            | 14.434 | 152  | 45840    | 1.623  | ng/ul  | 98       |
| 72) Phenanthrene              | 17.516 | 178  | 88756    | 2.745  | ng/ul  | 99       |
| 74) Anthracene                | 17.516 | 178  | 89019    | 2.740  | ng/ul  | 97       |
| 80) Fluoranthene              | 19.475 | 202  | 241556   | 4.855  | ng/ul# | 84       |
| 82) Pyrene                    | 19.828 | 202  | 208816   | 4.115  | ng/ul  | 96       |
| 85) Benzo(a)anthracene        | 21.545 | 228  | 119724   | 2.776  | ng/ul  | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.422 | 149  | 39179    | 1.377  | ng/ul  | 94       |
| 87) Chrysene                  | 21.598 | 228  | 155571   | 3.802  | ng/ul  | 97       |
| 90) Benzo(b)fluoranthene      | 23.327 | 252  | 259157   | 5.183  | ng/ul# | 92       |
| 91) Benzo(k)fluoranthene      | 23.327 | 252  | 259157   | 5.130  | ng/ul# | 91       |
| 93) Benzo(a)pyrene            | 23.992 | 252  | 145591   | 3.332  | ng/ul# | 93       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.810 | 276  | 137951   | 2.326  | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 27.645 | 276  | 120113   | 2.462  | ng/ul  | 96       |
| -----                         |        |      |          |        |        |          |

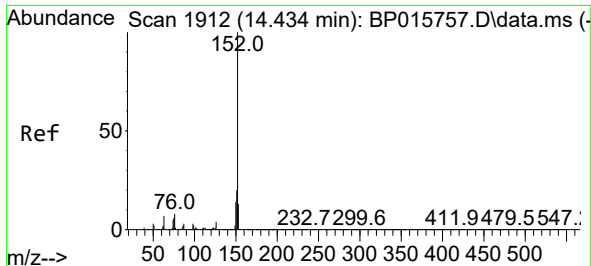
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062823\  
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DCFS5

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Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jun 27 00:56:58 2023  
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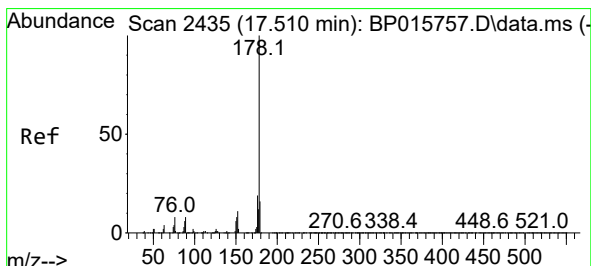
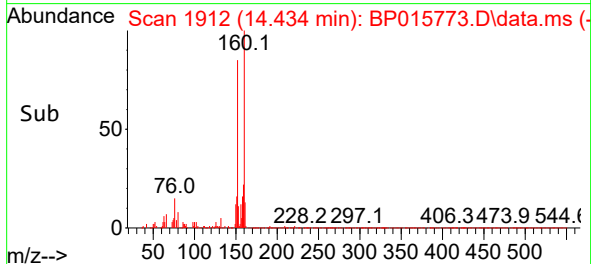
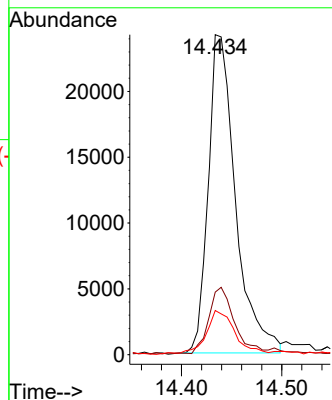
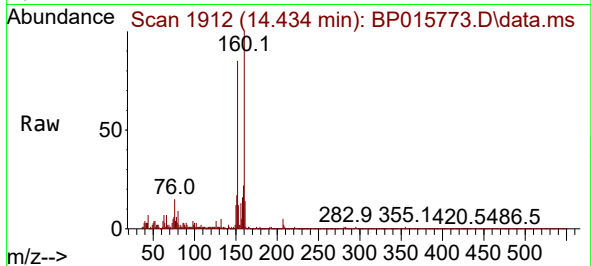




#50  
Acenaphthylene  
Concen: 1.623 ng/ul  
RT: 14.434 min Scan# 1912  
Delta R.T. -0.006 min  
Lab File: BP015773.D  
Acq: 28 Jun 2023 11:34

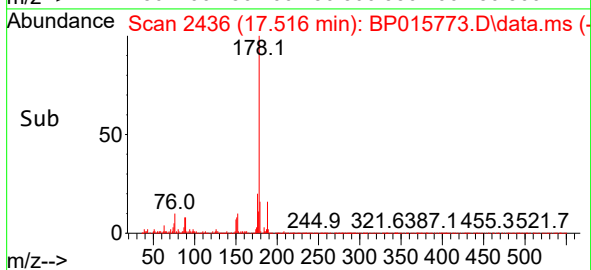
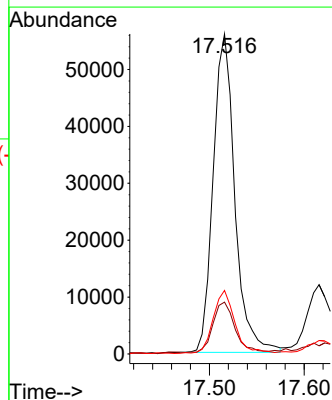
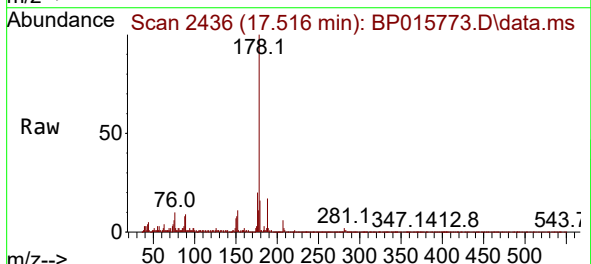
Instrument :  
BNA\_P  
ClientSampleId :  
DCFS5

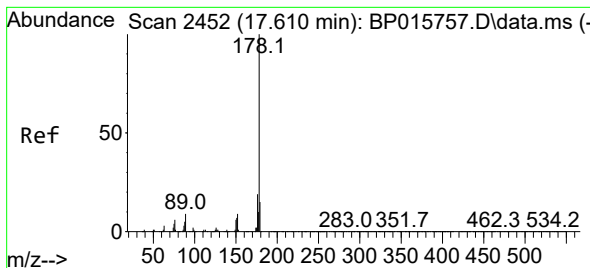
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 45840     |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 151         | 19.5  | 16.2 24.2 |
| 153         | 13.8  | 10.5 15.7 |



#72  
Phenanthrene  
Concen: 2.745 ng/ul  
RT: 17.516 min Scan# 2436  
Delta R.T. 0.000 min  
Lab File: BP015773.D  
Acq: 28 Jun 2023 11:34

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 88756     |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 179         | 16.2  | 12.4 18.6 |
| 176         | 19.8  | 15.6 23.4 |





#74

Anthracene

Concen: 2.740 ng/ul

RT: 17.516 min Scan# 2452

Delta R.T. -0.094 min

Lab File: BP015773.D

Acq: 28 Jun 2023 11:34

Instrument :

BNA\_P

ClientSampleId :

DCFS5

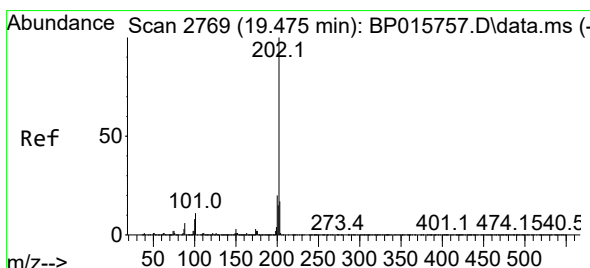
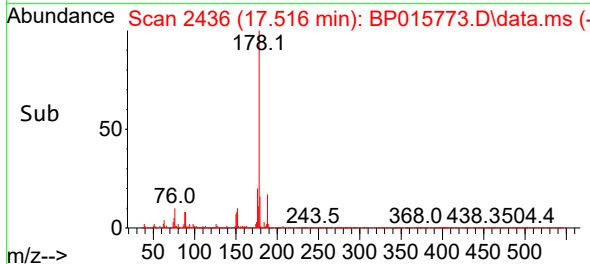
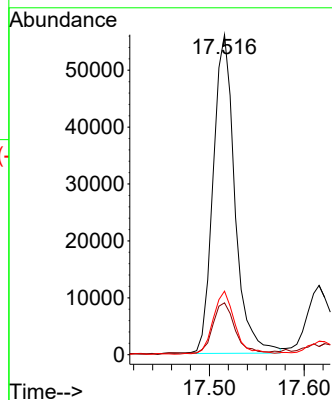
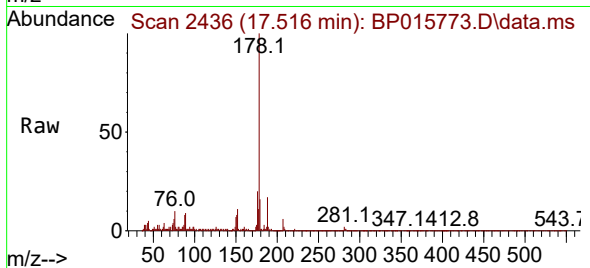
Tgt Ion:178 Resp: 89019

Ion Ratio Lower Upper

178 100

179 16.2 12.1 18.1

176 19.8 14.6 22.0



#80

Fluoranthene

Concen: 4.855 ng/ul

RT: 19.475 min Scan# 2769

Delta R.T. 0.000 min

Lab File: BP015773.D

Acq: 28 Jun 2023 11:34

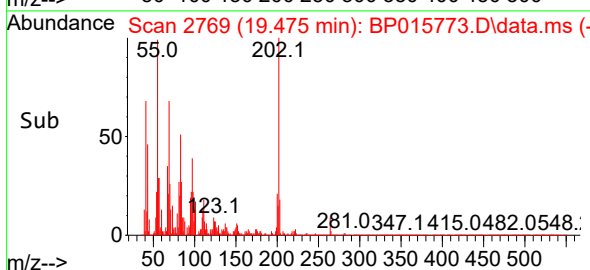
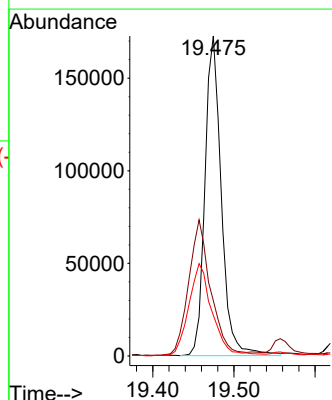
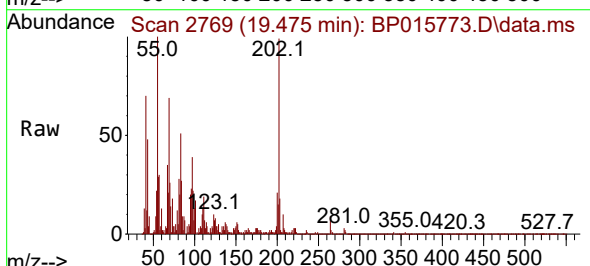
Tgt Ion:202 Resp: 241556

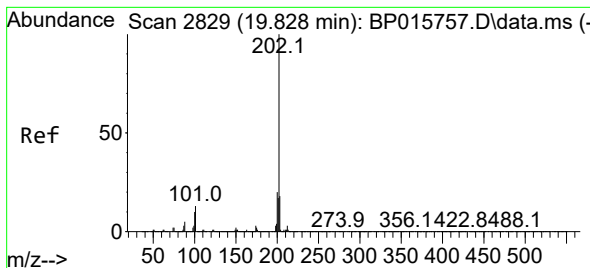
Ion Ratio Lower Upper

202 100

101 17.3 8.3 12.5#

100 12.7 6.6 9.8#





#82

Pyrene

Concen: 4.115 ng/ul

RT: 19.828 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015773.D

Acq: 28 Jun 2023 11:34

Instrument :

BNA\_P

ClientSampleId :

DCFS5

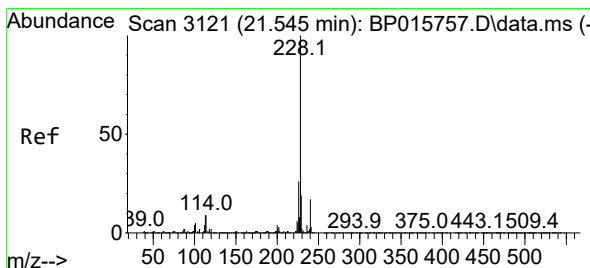
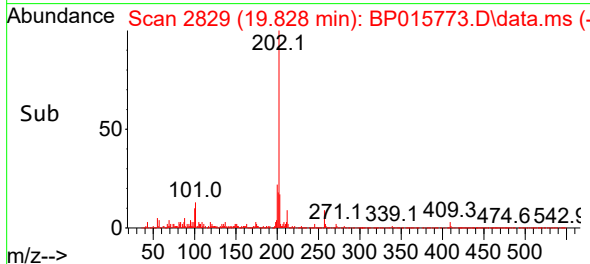
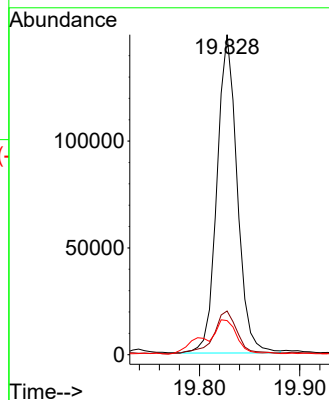
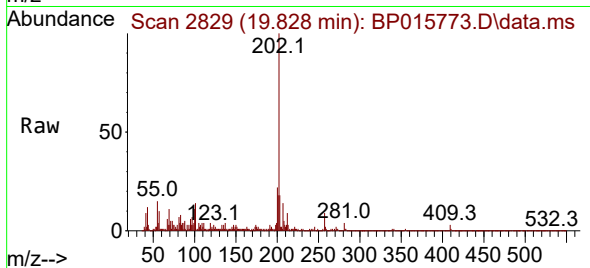
Tgt Ion:202 Resp: 208816

Ion Ratio Lower Upper

202 100

101 13.7 9.3 13.9

100 10.7 7.6 11.4



#85

Benzo(a)anthracene

Concen: 2.776 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP015773.D

Acq: 28 Jun 2023 11:34

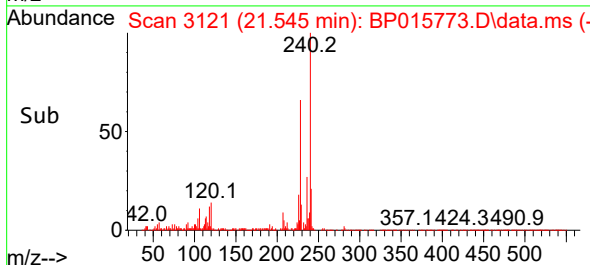
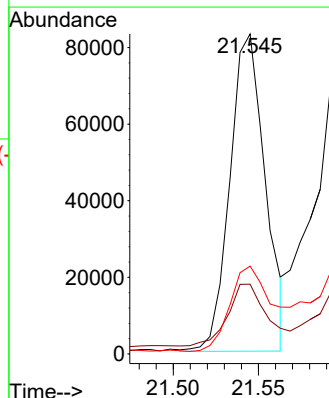
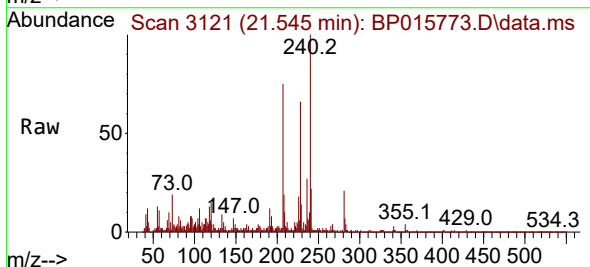
Tgt Ion:228 Resp: 119724

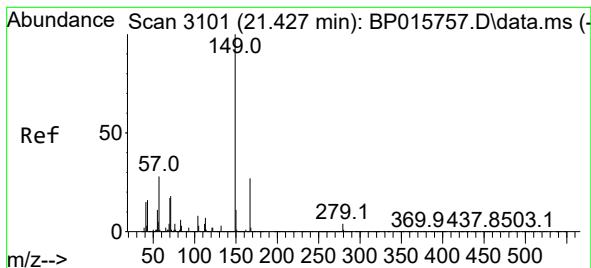
Ion Ratio Lower Upper

228 100

229 21.8 15.3 22.9

226 27.5 21.4 32.0

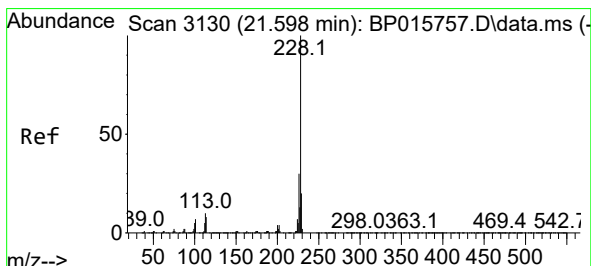
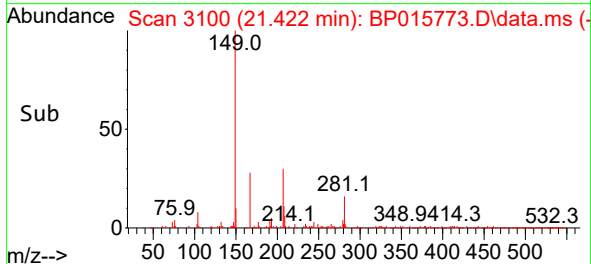
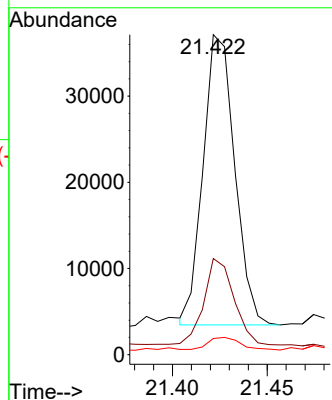
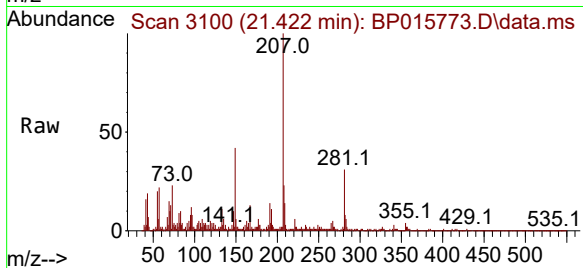




#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 1.377 ng/ul  
 RT: 21.422 min Scan# 3101  
 Delta R.T. -0.012 min  
 Lab File: BP015773.D  
 Acq: 28 Jun 2023 11:34

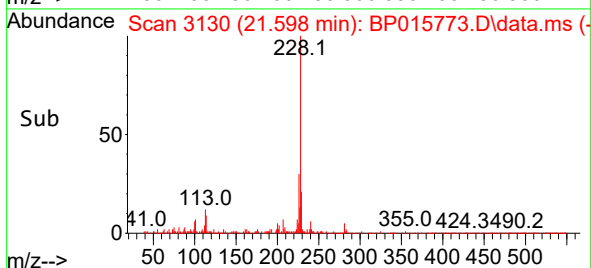
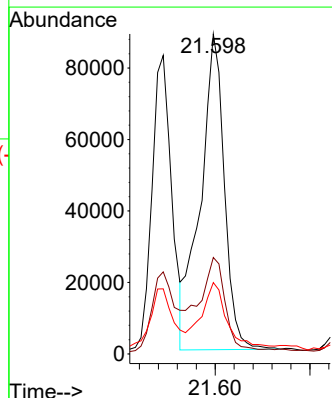
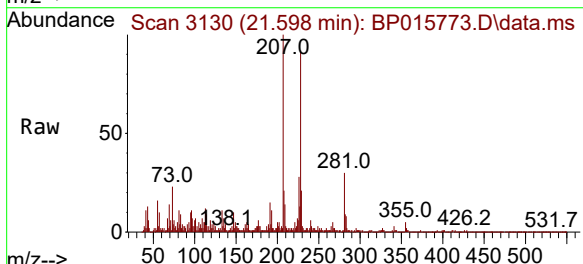
Instrument :  
 BNA\_P  
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 DCFS5

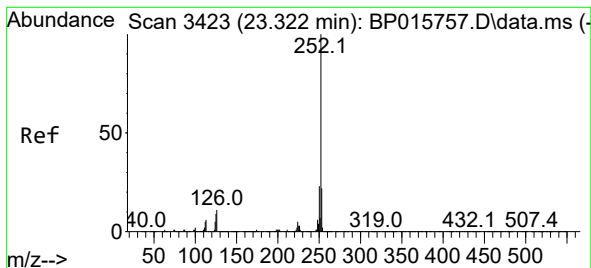
Tgt Ion:149 Resp: 39179  
 Ion Ratio Lower Upper  
 149 100  
 167 30.0 21.0 31.6  
 279 5.1 3.8 5.6



#87  
 Chrysene  
 Concen: 3.802 ng/ul  
 RT: 21.598 min Scan# 3130  
 Delta R.T. -0.006 min  
 Lab File: BP015773.D  
 Acq: 28 Jun 2023 11:34

Tgt Ion:228 Resp: 155571  
 Ion Ratio Lower Upper  
 228 100  
 226 30.1 24.3 36.5  
 229 22.3 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 5.183 ng/ul

RT: 23.327 min Scan# 3423

Delta R.T. 0.000 min

Lab File: BP015773.D

Acq: 28 Jun 2023 11:34

Instrument :

BNA\_P

ClientSampleId :

DCFS5

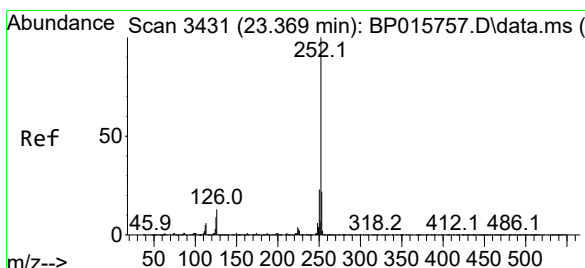
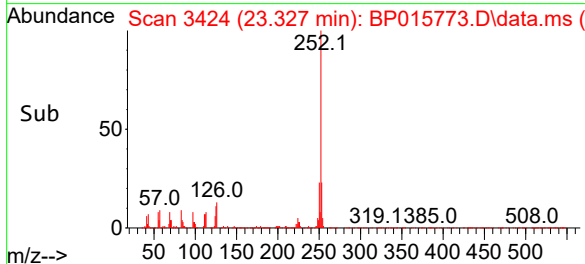
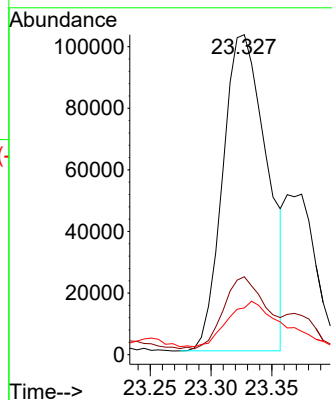
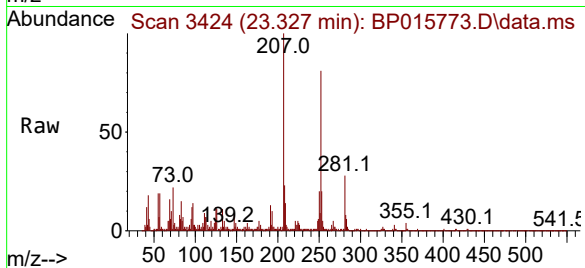
Tgt Ion:252 Resp: 259157

Ion Ratio Lower Upper

252 100

253 24.4 17.3 25.9

125 14.6 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 5.130 ng/ul

RT: 23.327 min Scan# 3424

Delta R.T. -0.053 min

Lab File: BP015773.D

Acq: 28 Jun 2023 11:34

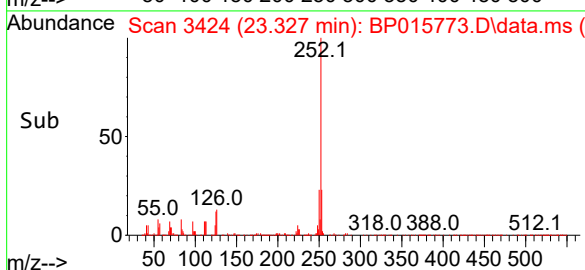
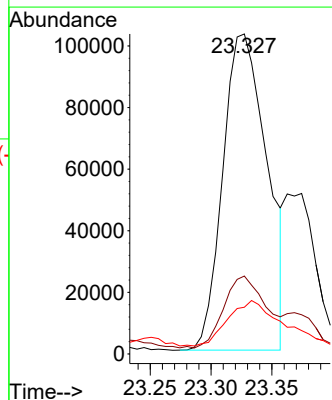
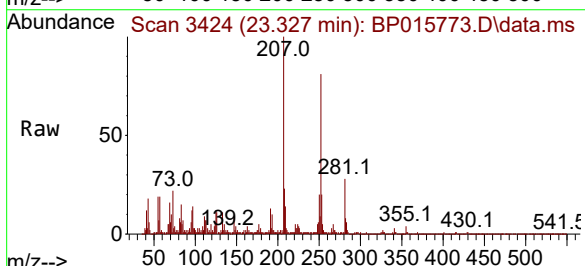
Tgt Ion:252 Resp: 259157

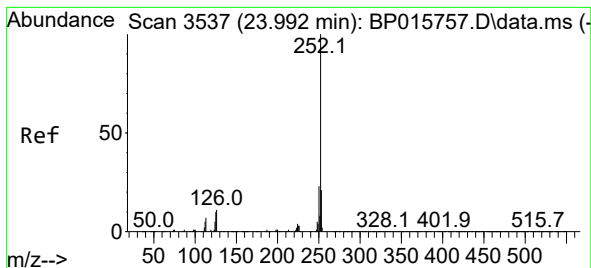
Ion Ratio Lower Upper

252 100

253 24.4 17.0 25.4

125 14.6 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 3.332 ng/ul

RT: 23.992 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP015773.D

Acq: 28 Jun 2023 11:34

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BNA\_P

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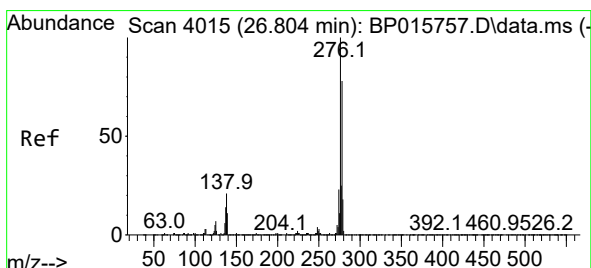
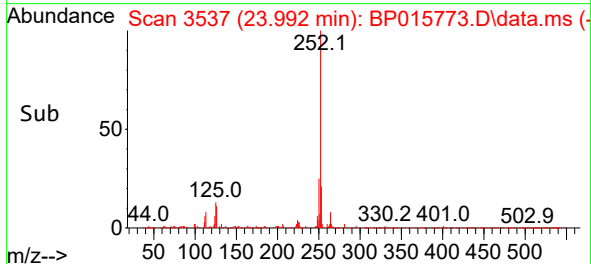
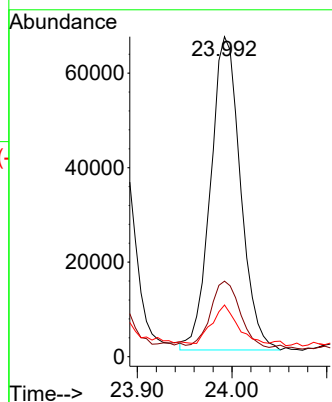
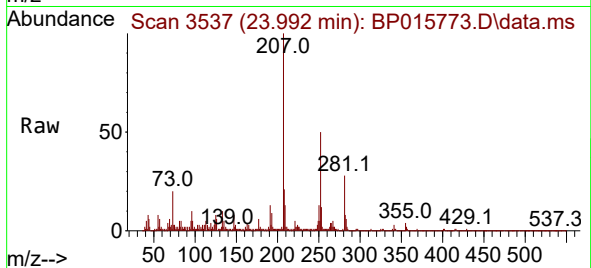
Tgt Ion:252 Resp: 145591

Ion Ratio Lower Upper

252 100

253 23.6 17.7 26.5

125 16.2 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.326 ng/ul

RT: 26.810 min Scan# 4016

Delta R.T. -0.006 min

Lab File: BP015773.D

Acq: 28 Jun 2023 11:34

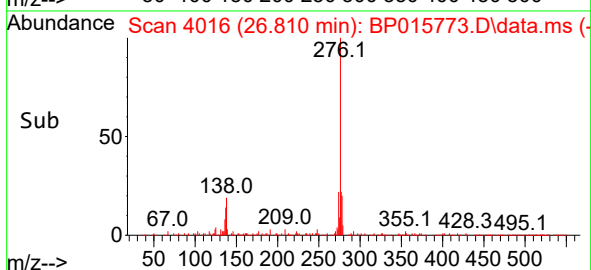
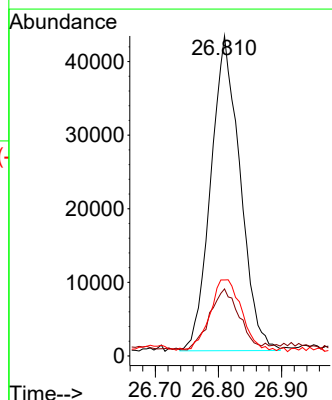
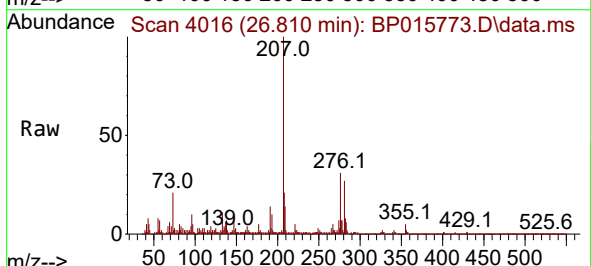
Tgt Ion:276 Resp: 137951

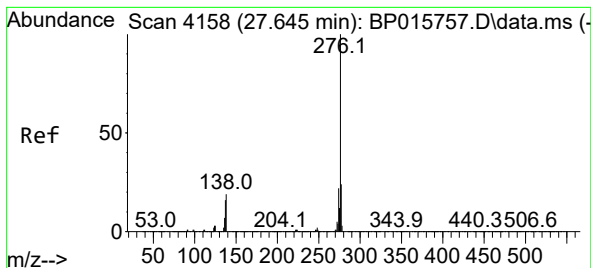
Ion Ratio Lower Upper

276 100

138 20.9 15.7 23.5

277 23.8 19.6 29.4





#96

Benzo(g,h,i)perylene

Concen: 2.462 ng/ul

RT: 27.645 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP015773.D

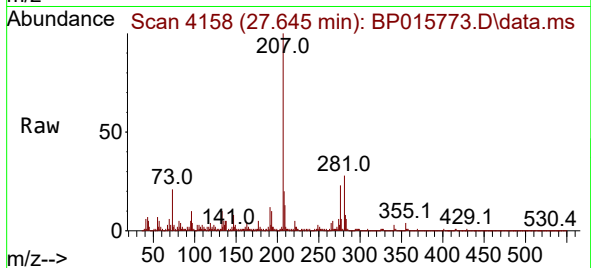
Acq: 28 Jun 2023 11:34

Instrument :

BNA\_P

ClientSampleId :

DCFS5



Tgt Ion:276 Resp: 120113

Ion Ratio Lower Upper

276 100

138 22.2 15.1 22.7

277 24.4 18.8 28.2

