

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110123\  
 Data File : BP017896.D  
 Acq On : 02 Nov 2023 20:36  
 Operator : MA/JU  
 Sample : 05060-15  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCKH3

Quant Time: Nov 02 23:39:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 19 01:32:15 2023  
 Response via : Initial Calibration

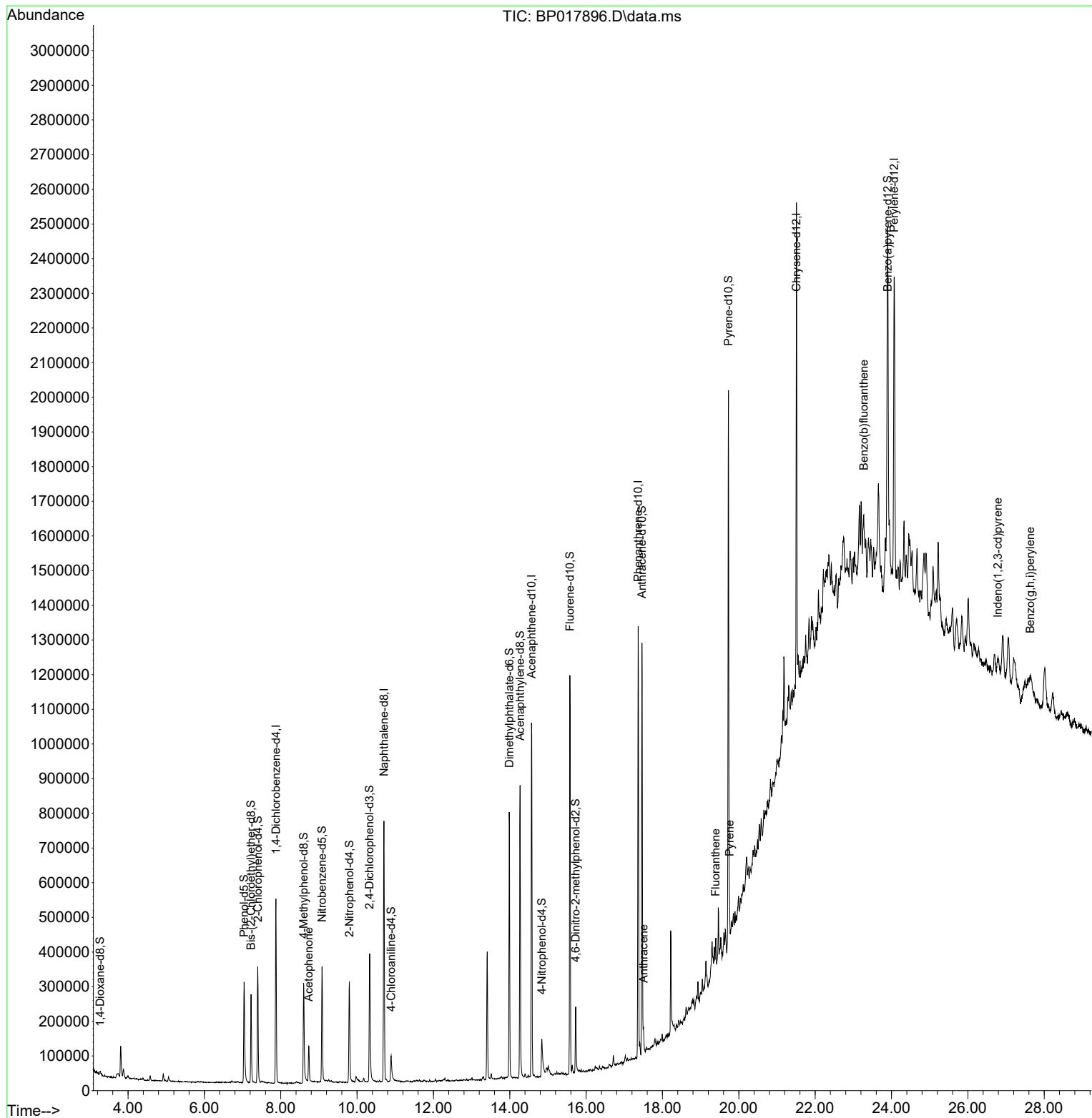
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.875  | 152  | 137355   | 20.000 | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 10.704 | 136  | 581135   | 20.000 | ng/ul  | -0.02    |
| 38) Acenaphthene-d10          | 14.569 | 164  | 347483   | 20.000 | ng/ul  | -0.02    |
| 64) Phenanthrene-d10          | 17.363 | 188  | 711907   | 20.000 | ng/ul  | -0.01    |
| 79) Chrysene-d12              | 21.510 | 240  | 628581   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.069 | 264  | 715496   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.270  | 96   | 8943     | 2.422  | ng/uL  | 0.01     |
| 4) Pyridine-d5                | 3.681  | 84   | 1001     | 0.104  | ng/ul  | -0.01    |
| 7) Phenol-d5                  | 7.040  | 99   | 171567   | 15.010 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.222  | 67   | 111397   | 15.781 | ng/ul  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.399  | 132  | 143221   | 15.363 | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.599  | 113  | 112609   | 12.546 | ng/ul  | -0.01    |
| 21) Nitrobenzene-d5           | 9.081  | 128  | 77054    | 16.363 | ng/ul  | -0.02    |
| 24) 2-Nitrophenol-d4          | 9.799  | 143  | 87613    | 16.839 | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.328 | 165  | 154884   | 15.175 | ng/ul  | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.893 | 131  | 55309    | 4.141  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.987 | 166  | 494436   | 16.950 | ng/ul  | -0.02    |
| 49) Acenaphthylene-d8         | 14.269 | 160  | 532646   | 16.374 | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.840 | 143  | 39361    | 9.470  | ng/ul  | 0.01     |
| 60) Fluorene-d10              | 15.575 | 176  | 427005   | 16.934 | ng/ul  | -0.02    |
| 65) 4,6-Dinitro-2-methylph... | 15.728 | 200  | 44525    | 9.495  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.463 | 188  | 667567   | 18.350 | ng/ul  | -0.01    |
| 81) Pyrene-d10                | 19.728 | 212  | 782769   | 19.863 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.898 | 264  | 730799   | 18.338 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 8.734  | 105  | 54443    | 3.858  | ng/ul  | 98       |
| 74) Anthracene                | 17.504 | 178  | 43136    | 1.021  | ng/ul  | 97       |
| 80) Fluoranthene              | 19.392 | 202  | 46964    | 1.037  | ng/ul  | 97       |
| 82) Pyrene                    | 19.757 | 202  | 53493    | 1.115  | ng/ul# | 94       |
| 90) Benzo(b)fluoranthene      | 23.274 | 252  | 115866   | 2.379  | ng/ul# | 77       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.786 | 276  | 54674    | 1.003  | ng/ul# | 90       |
| 96) Benzo(g,h,i)perylene      | 27.633 | 276  | 64518    | 1.470  | ng/ul# | 86       |

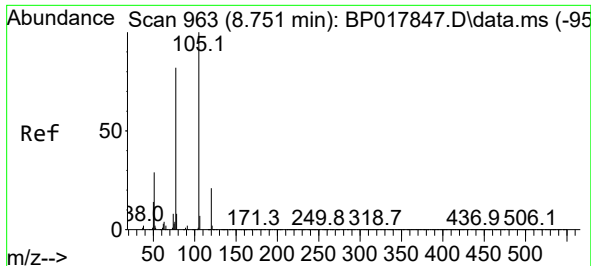
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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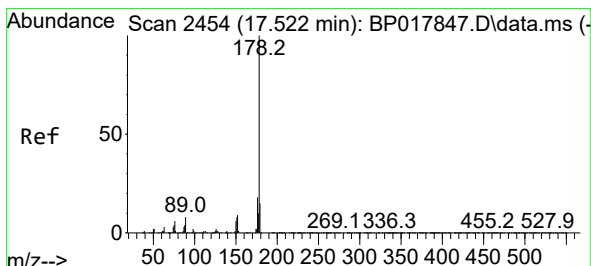
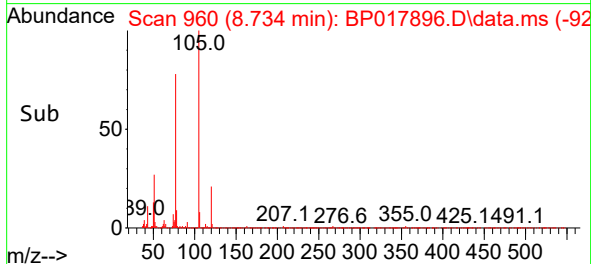
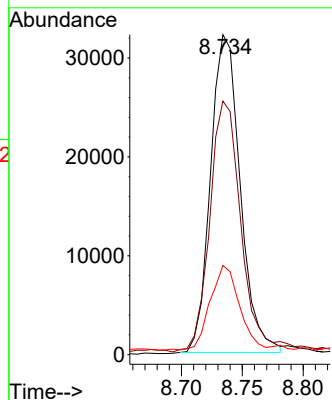
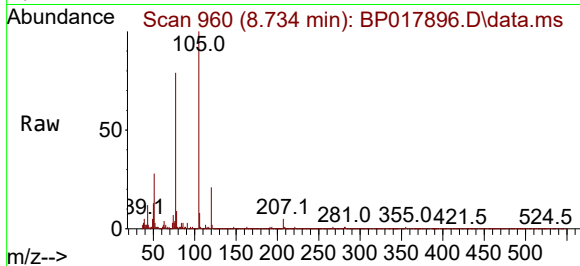




#16  
Acetophenone  
Concen: 3.858 ng/ul  
RT: 8.734 min Scan# 90  
Delta R.T. -0.012 min  
Lab File: BP017896.D  
Acq: 02 Nov 2023 20:36

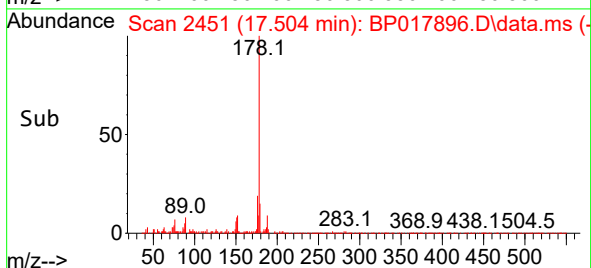
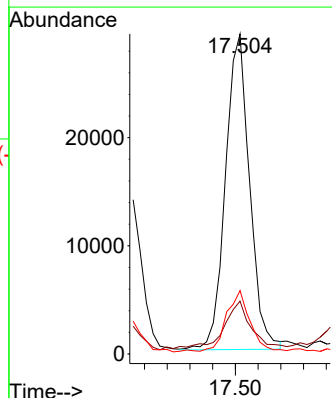
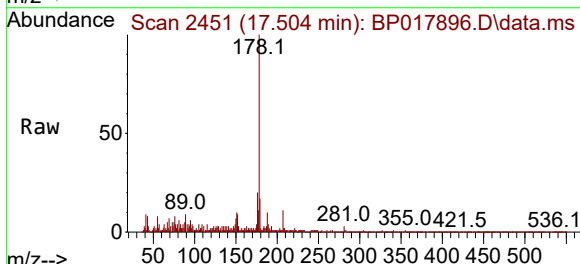
Instrument :  
BNA\_P  
ClientSampleId :  
DCKH3

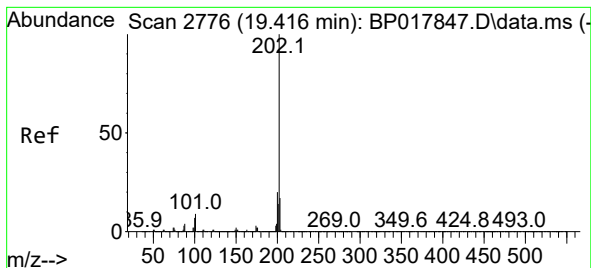
Tgt Ion:105 Resp: 54443  
Ion Ratio Lower Upper  
105 100  
77 79.2 64.4 96.6  
51 27.9 21.2 31.8



#74  
Anthracene  
Concen: 1.021 ng/ul  
RT: 17.504 min Scan# 2451  
Delta R.T. -0.006 min  
Lab File: BP017896.D  
Acq: 02 Nov 2023 20:36

Tgt Ion:178 Resp: 43136  
Ion Ratio Lower Upper  
178 100  
179 16.5 12.0 18.0  
176 19.8 14.8 22.2





#80

Fluoranthene

Concen: 1.037 ng/ul

RT: 19.392 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP017896.D

Acq: 02 Nov 2023 20:36

Instrument :

BNA\_P

ClientSampleId :

DCKH3

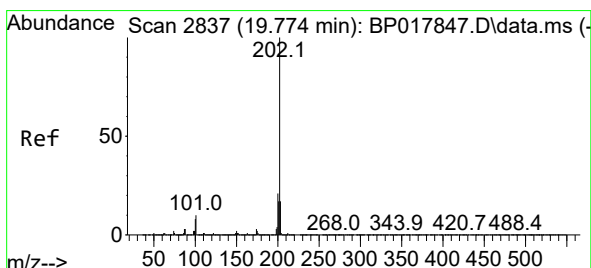
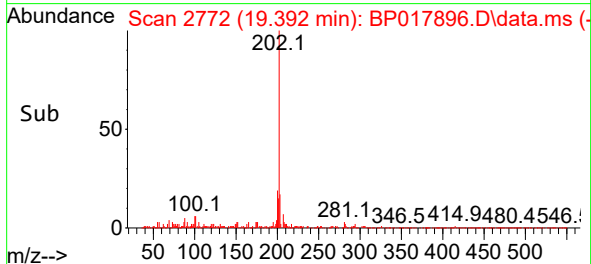
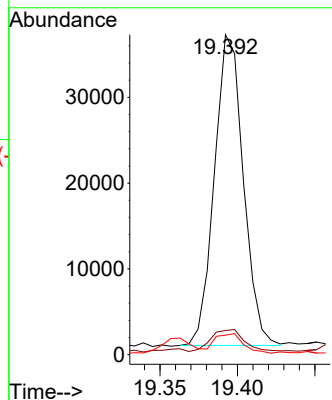
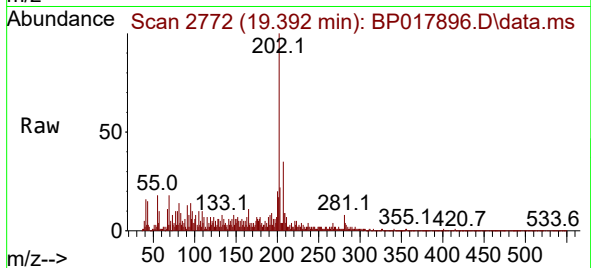
Tgt Ion:202 Resp: 46964

Ion Ratio Lower Upper

202 100

101 7.5 7.1 10.7

100 6.1 5.7 8.5



#82

Pyrene

Concen: 1.115 ng/ul

RT: 19.757 min Scan# 2834

Delta R.T. -0.006 min

Lab File: BP017896.D

Acq: 02 Nov 2023 20:36

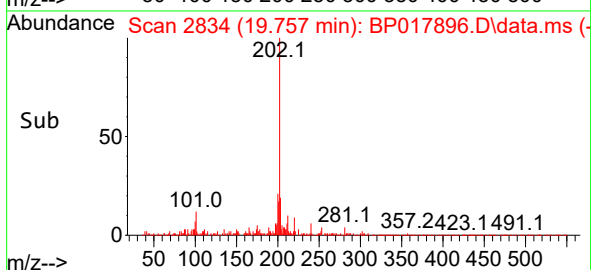
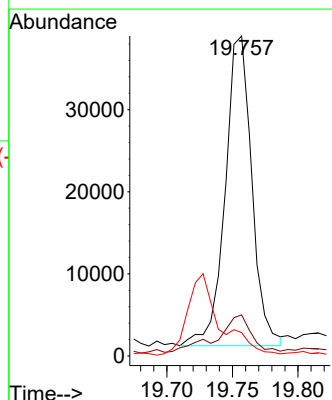
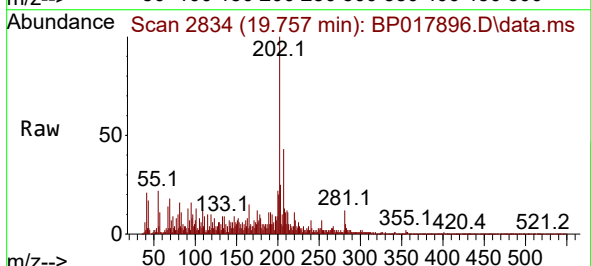
Tgt Ion:202 Resp: 53493

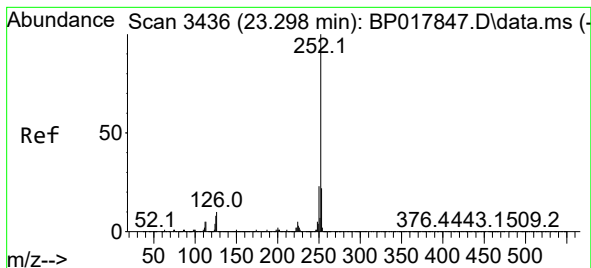
Ion Ratio Lower Upper

202 100

101 12.8 8.3 12.5#

100 7.3 7.4 11.0#





#90

Benzo(b)fluoranthene

Concen: 2.379 ng/ul

RT: 23.274 min Scan# 34

Delta R.T. 0.000 min

Lab File: BP017896.D

Acq: 02 Nov 2023 20:36

Instrument :

BNA\_P

ClientSampleId :

DCKH3

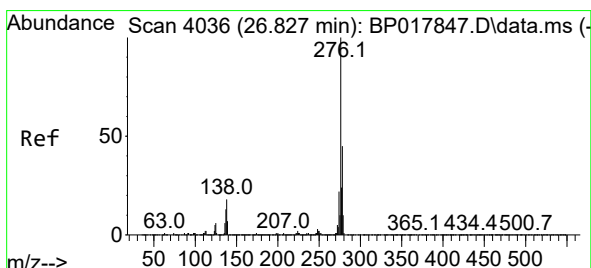
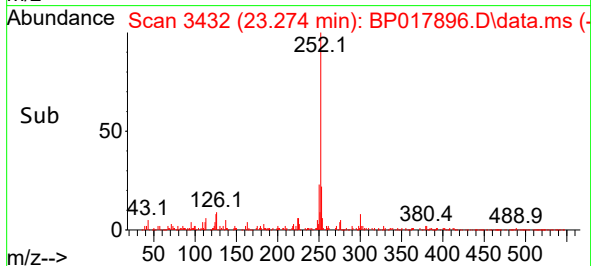
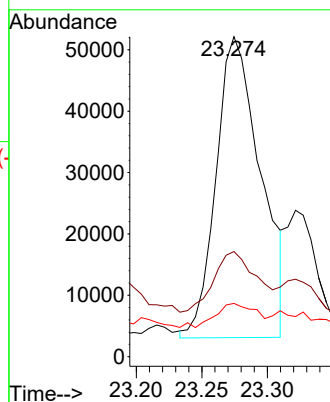
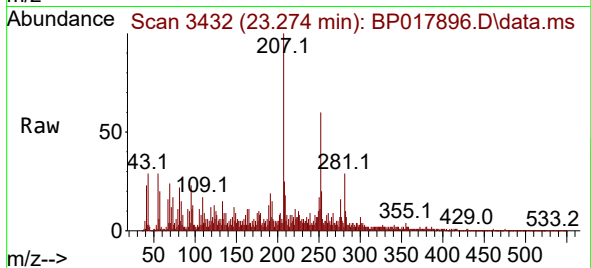
Tgt Ion:252 Resp: 115866

Ion Ratio Lower Upper

252 100

253 32.9 17.4 26.0#

125 16.7 7.1 10.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.003 ng/ul

RT: 26.786 min Scan# 4029

Delta R.T. 0.006 min

Lab File: BP017896.D

Acq: 02 Nov 2023 20:36

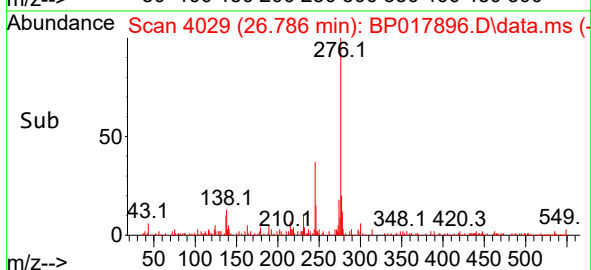
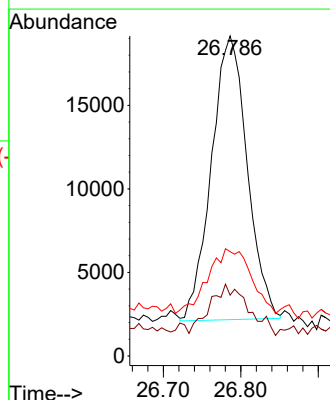
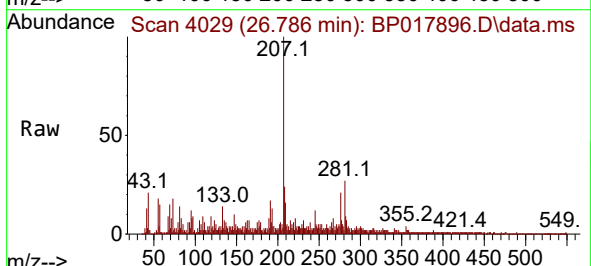
Tgt Ion:276 Resp: 54674

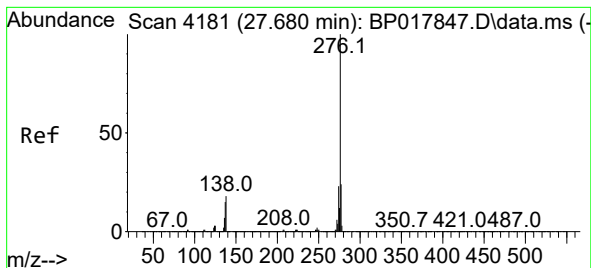
Ion Ratio Lower Upper

276 100

138 19.0 15.6 23.4

277 32.6 19.4 29.2#





#96

Benzo(g,h,i)perylene

Concen: 1.470 ng/ul

RT: 27.633 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP017896.D

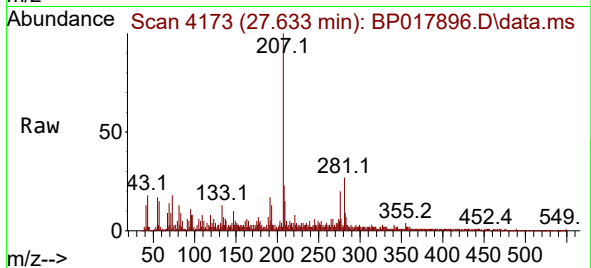
Acq: 02 Nov 2023 20:36

Instrument :

BNA\_P

ClientSampleId :

DCKH3



Tgt Ion:276 Resp: 64518

Ion Ratio Lower Upper

276 100

138 23.3 15.0 22.6#

277 31.7 18.5 27.7#

