

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071423\  
 Data File : BM040889.D  
 Acq On : 14 Jul 2023 21:25  
 Operator : MA/JU  
 Sample : 03437-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A46H7

Quant Time: Jul 15 04:00:08 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 15 03:58:02 2023  
 Response via : Initial Calibration

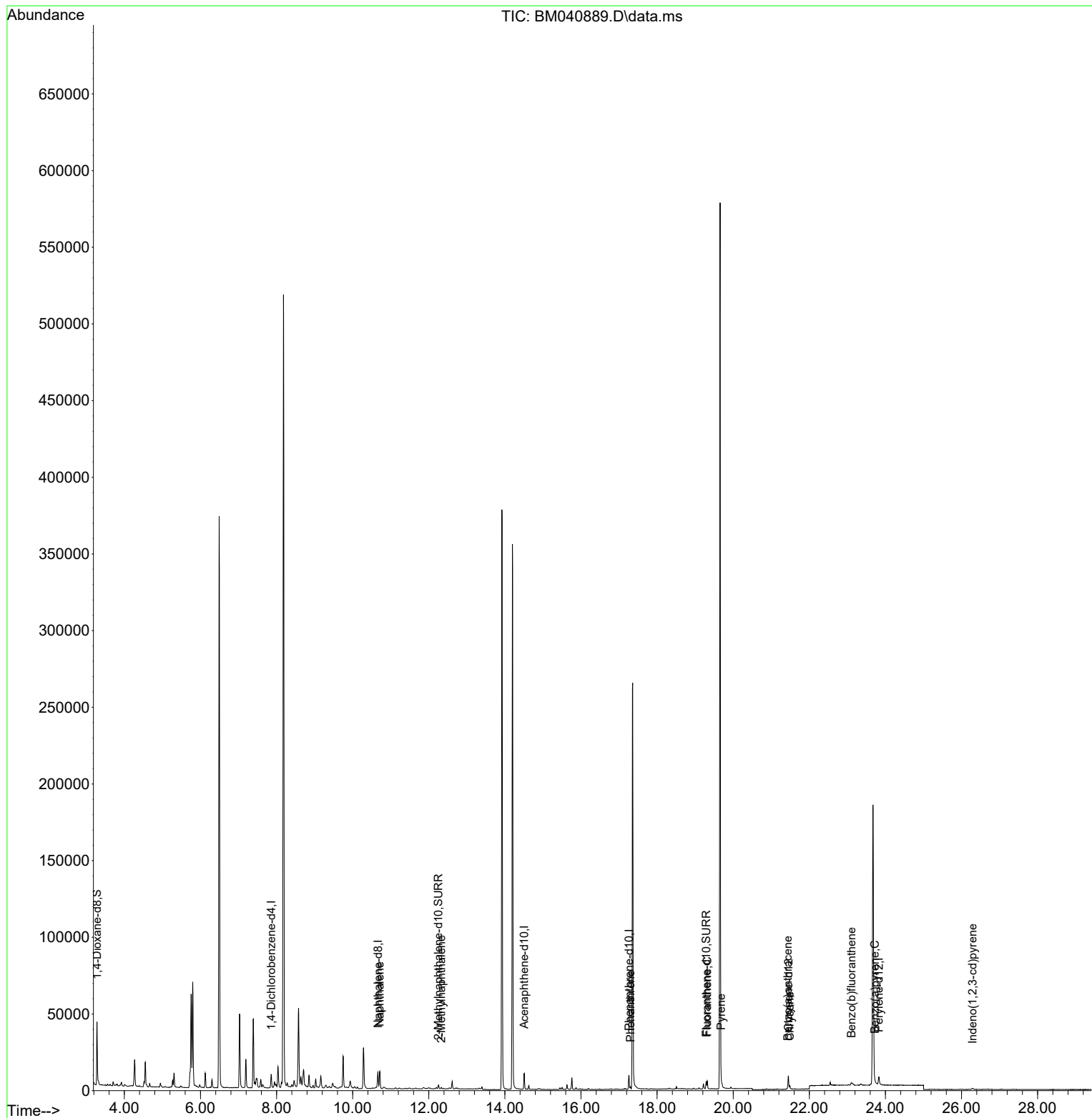
| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.861  | 152  | 4340     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.663 | 136  | 13766    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.509 | 164  | 5720     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.261 | 188  | 10848    | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.451 | 240  | 7462     | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.827 | 264  | 7639     | 0.400 | ng/ul   | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.284  | 96   | 23453    | 3.440 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.253 | 152  | 3412     | 0.177 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.292 | 212  | 4877     | 0.204 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 5) Naphthalene              | 10.713 | 128  | 15414    | 0.406 | ng/ul   | 99       |
| 7) 2-Methylnaphthalene      | 12.330 | 142  | 691      | 0.031 | ng/ul   | 97       |
| 15) Phenanthrene            | 17.299 | 178  | 1757     | 0.052 | ng/ul#  | 86       |
| 19) Fluoranthene            | 19.320 | 202  | 4415     | 0.139 | ng/ul   | 96       |
| 20) Pyrene                  | 19.682 | 202  | 4552     | 0.134 | ng/ul#  | 90       |
| 21) Benzo(a)anthracene      | 21.433 | 228  | 2114     | 0.084 | ng/ul#  | 86       |
| 22) Chrysene                | 21.486 | 228  | 1878     | 0.065 | ng/ul#  | 86       |
| 24) Benzo(b)fluoranthene    | 23.105 | 252  | 2857     | 0.097 | ng/ul#  | 38       |
| 26) Benzo(a)pyrene          | 23.719 | 252  | 822      | 0.031 | ng/ul#  | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 26.290 | 276  | 1295     | 0.035 | ng/ul#  | 90       |
| -----                       |        |      |          |       |         |          |

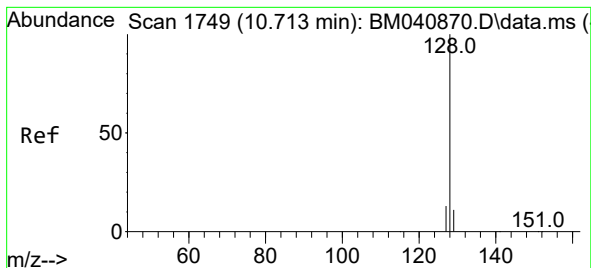
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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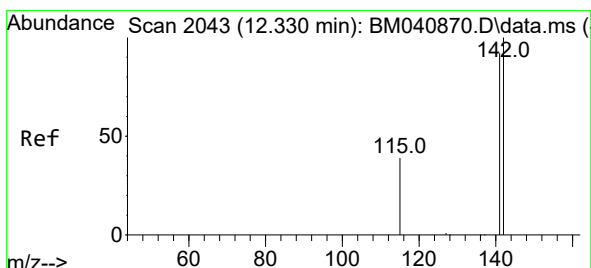
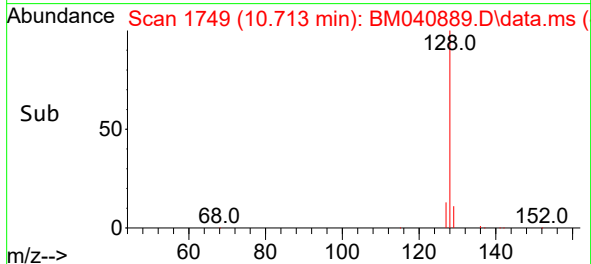
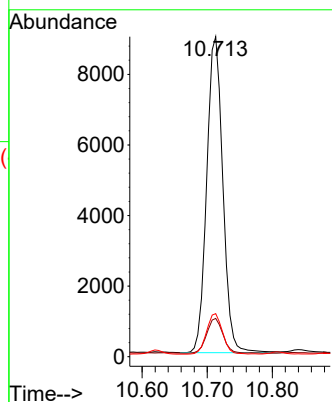
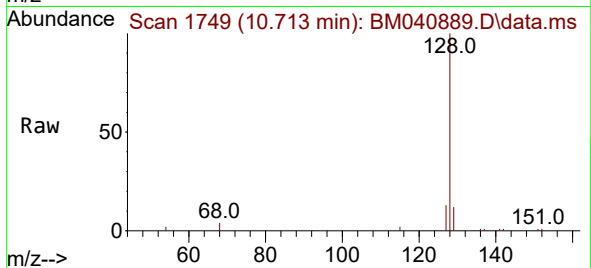




#5  
Naphthalene  
Concen: 0.406 ng/ul  
RT: 10.713 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM040889.D  
Acq: 14 Jul 2023 21:25

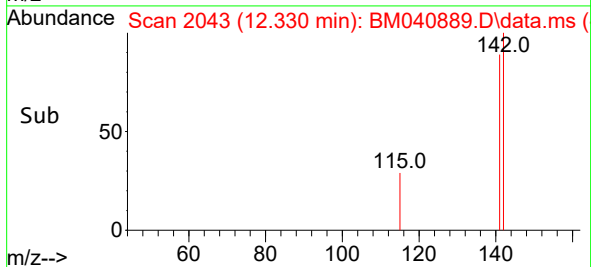
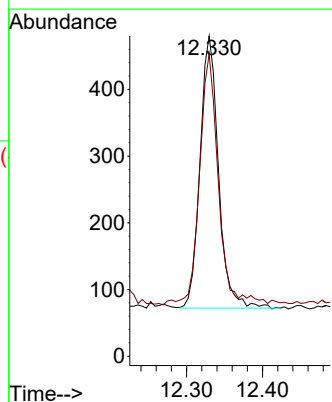
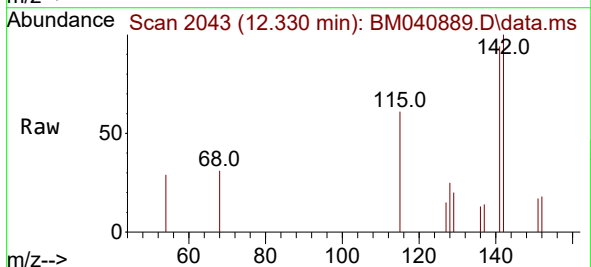
Instrument :  
BNA\_M  
ClientSampleId :  
A46H7

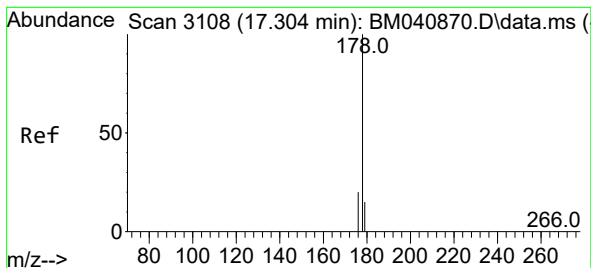
Tgt Ion:128 Resp: 15414  
Ion Ratio Lower Upper  
128 100  
129 12.0 9.2 13.8  
127 13.5 10.6 15.8



#7  
2-Methylnaphthalene  
Concen: 0.031 ng/ul  
RT: 12.330 min Scan# 2043  
Delta R.T. -0.000 min  
Lab File: BM040889.D  
Acq: 14 Jul 2023 21:25

Tgt Ion:142 Resp: 691  
Ion Ratio Lower Upper  
142 100  
141 92.3 71.9 107.9





#15

Phenanthrene

Concen: 0.052 ng/ul

RT: 17.299 min Scan# 3108

Delta R.T. -0.004 min

Lab File: BM040889.D

Acq: 14 Jul 2023 21:25

Instrument :

BNA\_M

ClientSampleId :

A46H7

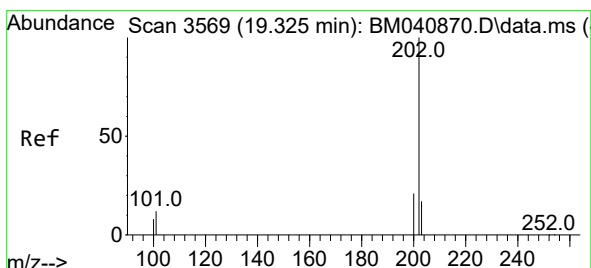
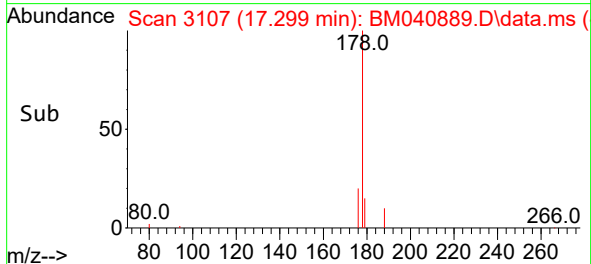
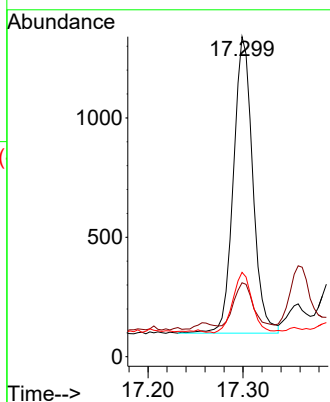
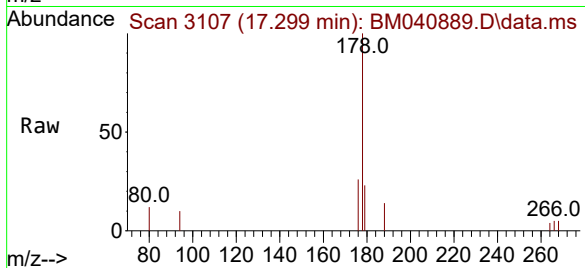
Tgt Ion:178 Resp: 1757

Ion Ratio Lower Upper

178 100

179 23.1 12.8 19.2#

176 26.3 16.4 24.6#



#19

Fluoranthene

Concen: 0.139 ng/ul

RT: 19.320 min Scan# 3568

Delta R.T. -0.005 min

Lab File: BM040889.D

Acq: 14 Jul 2023 21:25

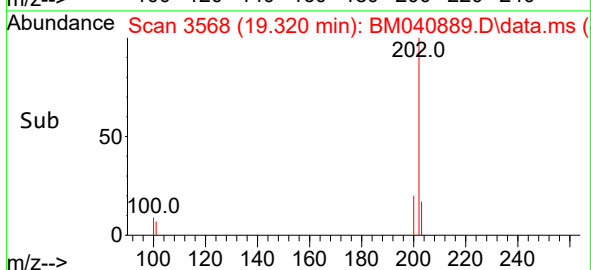
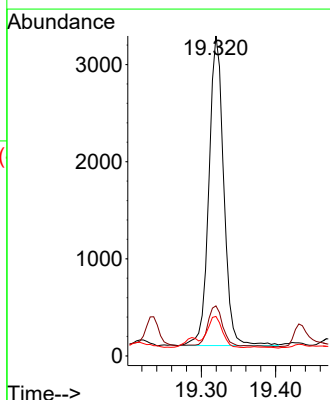
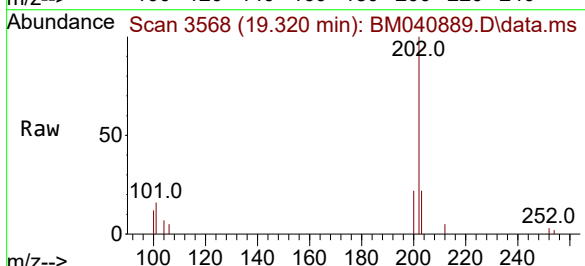
Tgt Ion:202 Resp: 4415

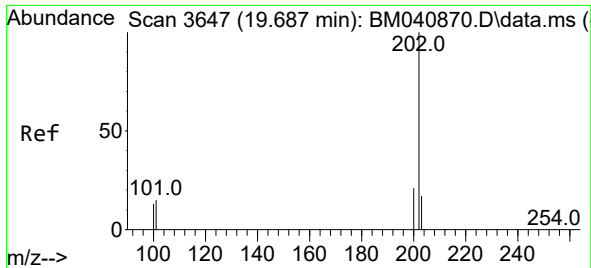
Ion Ratio Lower Upper

202 100

101 15.7 11.4 17.0

100 12.3 8.7 13.1

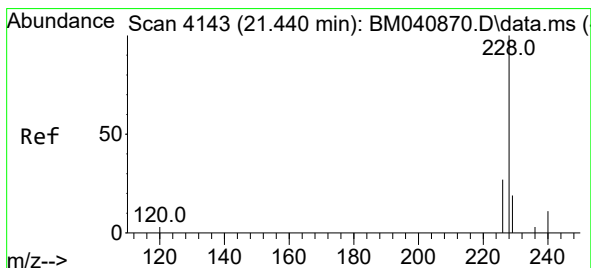
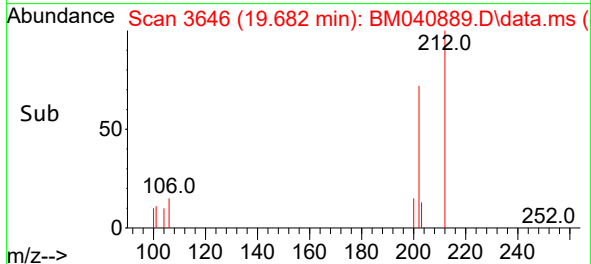
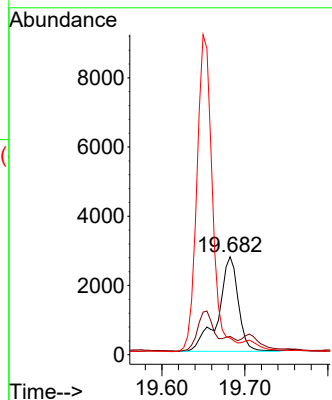
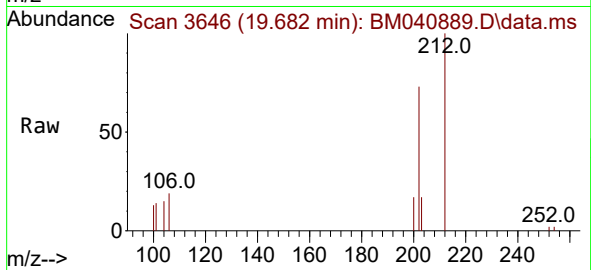




#20  
Pyrene  
Concen: 0.134 ng/ul  
RT: 19.682 min Scan# 30  
Delta R.T. -0.005 min  
Lab File: BM040889.D  
Acq: 14 Jul 2023 21:25

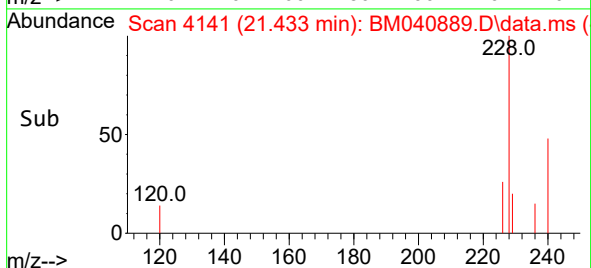
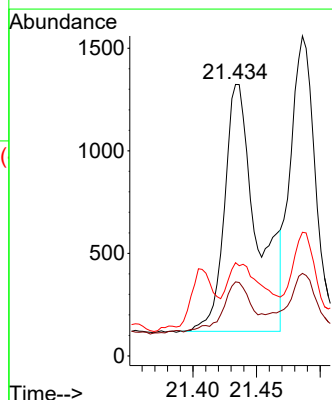
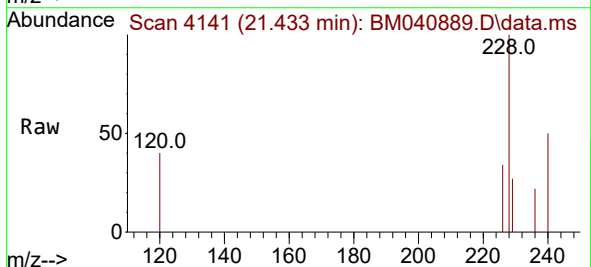
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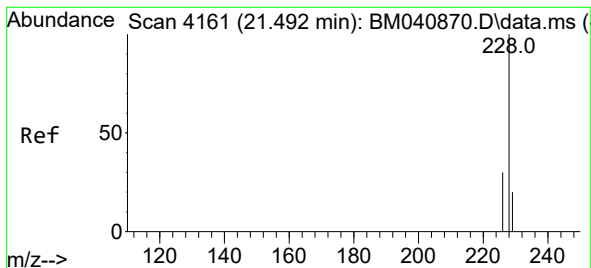
Tgt Ion:202 Resp: 4552  
Ion Ratio Lower Upper  
202 100  
101 18.6 12.6 18.8  
100 17.3 9.8 14.6#



#21  
Benzo(a)anthracene  
Concen: 0.084 ng/ul  
RT: 21.433 min Scan# 4141  
Delta R.T. -0.000 min  
Lab File: BM040889.D  
Acq: 14 Jul 2023 21:25

Tgt Ion:228 Resp: 2114  
Ion Ratio Lower Upper  
228 100  
229 27.3 16.0 24.0#  
226 34.4 22.3 33.5#





#22

Chrysene

Concen: 0.065 ng/ul

RT: 21.486 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM040889.D

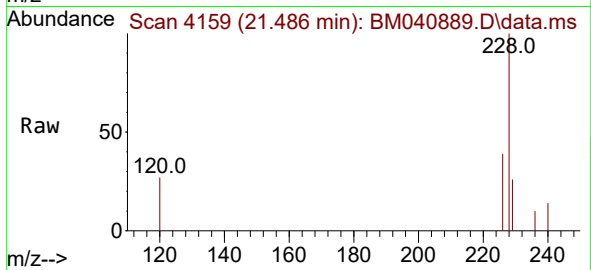
Acq: 14 Jul 2023 21:25

Instrument :

BNA\_M

ClientSampleId :

A46H7



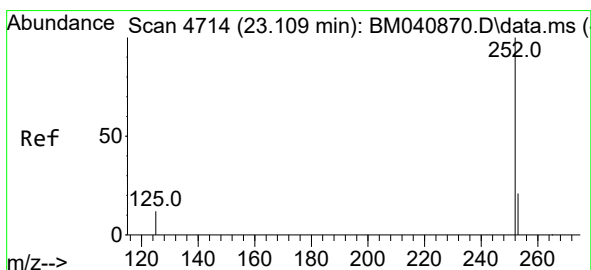
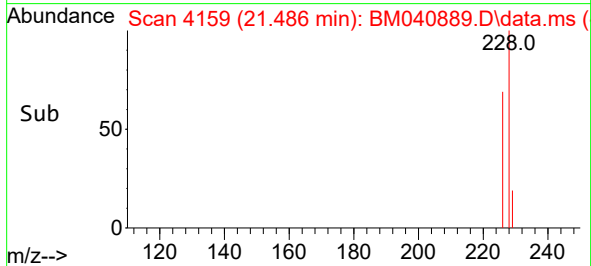
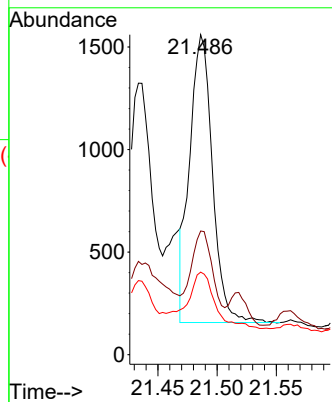
Tgt Ion:228 Resp: 1878

Ion Ratio Lower Upper

228 100

226 38.7 24.9 37.3#

229 25.8 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.097 ng/ul

RT: 23.105 min Scan# 4713

Delta R.T. 0.003 min

Lab File: BM040889.D

Acq: 14 Jul 2023 21:25

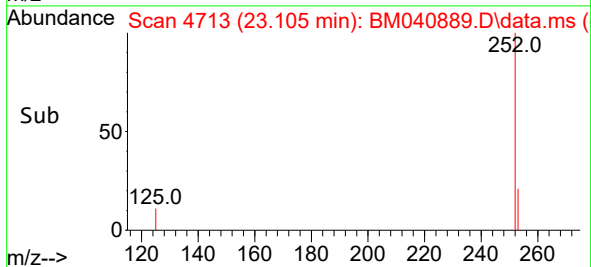
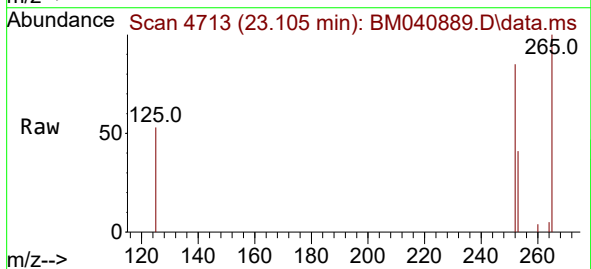
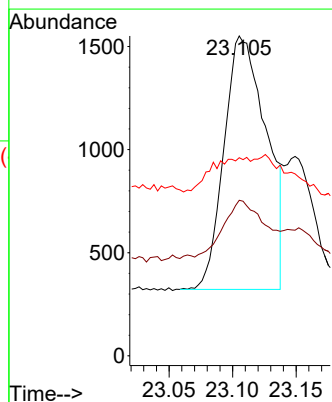
Tgt Ion:252 Resp: 2857

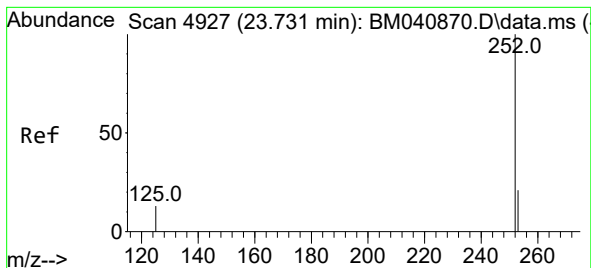
Ion Ratio Lower Upper

252 100

253 48.6 0.0 52.8

125 62.0 0.0 43.0#





#26

Benzo(a)pyrene

Concen: 0.031 ng/ul

RT: 23.719 min Scan# 4923

Delta R.T. -0.003 min

Lab File: BM040889.D

Acq: 14 Jul 2023 21:25

Instrument :

BNA\_M

ClientSampleId :

A46H7

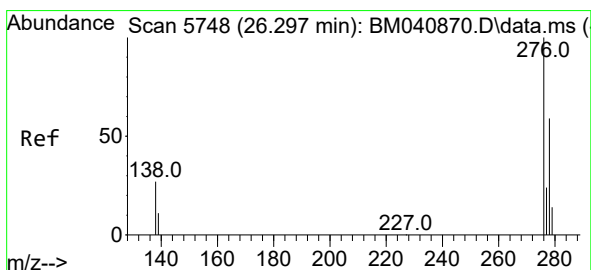
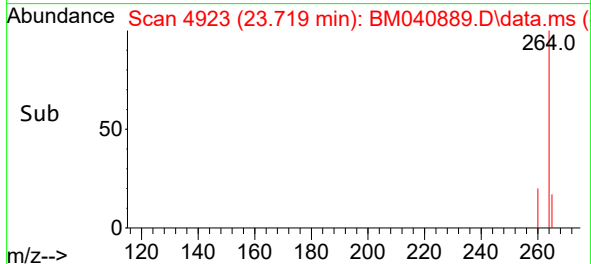
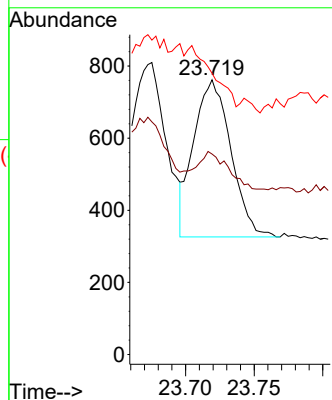
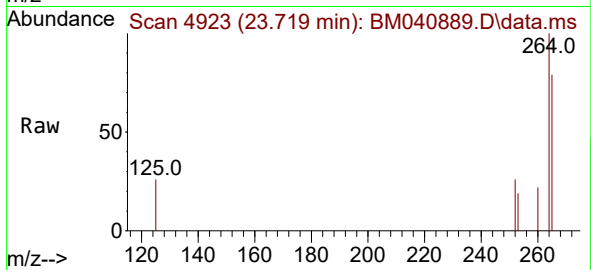
Tgt Ion:252 Resp: 822

Ion Ratio Lower Upper

252 100

253 73.0 22.9 34.3#

125 102.4 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.035 ng/ul

RT: 26.290 min Scan# 5746

Delta R.T. -0.000 min

Lab File: BM040889.D

Acq: 14 Jul 2023 21:25

Tgt Ion:276 Resp: 1295

Ion Ratio Lower Upper

276 100

138 25.3 24.5 36.7

227 0.2 0.1 0.1#

