

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061923\  
 Data File : BM040328.D  
 Acq On : 20 Jun 2023 00:11  
 Operator : MA/JU  
 Sample : 03080-20DL 5X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFQ5DL

Quant Time: Jun 20 00:53:14 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 15 00:31:16 2023  
 Response via : Initial Calibration

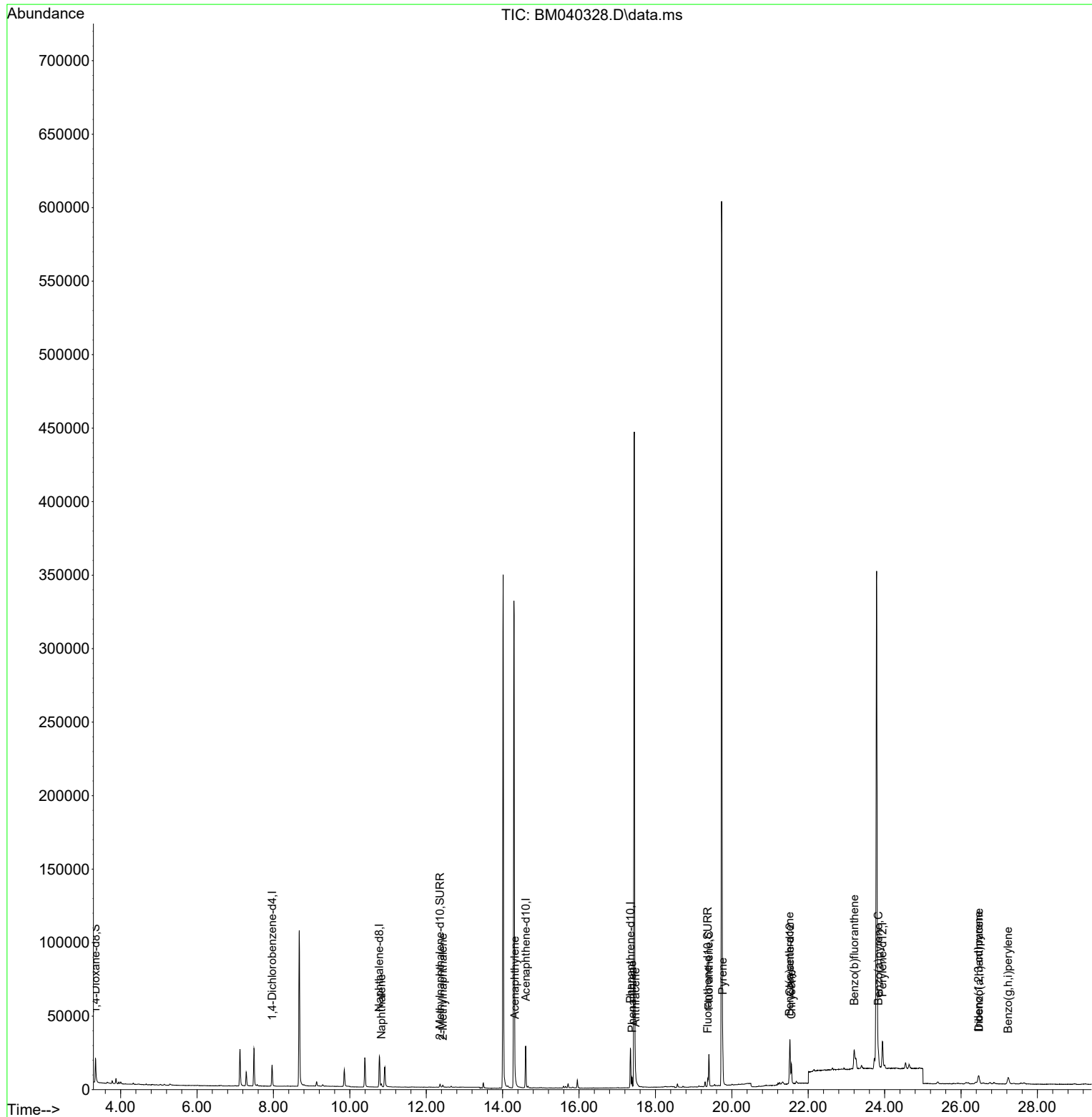
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.966  | 152  | 7499     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.773 | 136  | 28942    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.605 | 164  | 16008    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.345 | 188  | 31370    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.524 | 240  | 24376    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.944 | 264  | 24769    | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.342  | 96   | 11209    | 1.210 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.362 | 152  | 3056     | 0.083 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.370 | 212  | 5958     | 0.098 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.828 | 128  | 2747     | 0.040 | ng/ul# | 84       |
| 7) 2-Methylnaphthalene      | 12.433 | 142  | 1028     | 0.024 | ng/ul  | 95       |
| 10) Acenaphthylene          | 14.323 | 152  | 2976     | 0.053 | ng/ul# | 85       |
| 15) Phenanthrene            | 17.387 | 178  | 7245     | 0.088 | ng/ul  | 94       |
| 16) Anthracene              | 17.480 | 178  | 2109     | 0.030 | ng/ul# | 78       |
| 19) Fluoranthene            | 19.398 | 202  | 18296    | 0.220 | ng/ul  | 97       |
| 20) Pyrene                  | 19.761 | 202  | 18470    | 0.214 | ng/ul  | 95       |
| 21) Benzo(a)anthracene      | 21.506 | 228  | 10371    | 0.144 | ng/ul# | 87       |
| 22) Chrysene                | 21.559 | 228  | 14540    | 0.191 | ng/ul# | 89       |
| 24) Benzo(b)fluoranthene    | 23.207 | 252  | 20613    | 0.226 | ng/ul# | 67       |
| 26) Benzo(a)pyrene          | 23.836 | 252  | 11751    | 0.157 | ng/ul# | 53       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.457 | 276  | 10002    | 0.105 | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 26.471 | 278  | 3018     | 0.040 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 27.232 | 276  | 10124    | 0.128 | ng/ul# | 74       |
| -----                       |        |      |          |       |        |          |

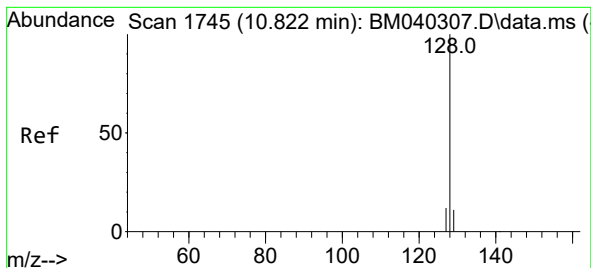
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061923\  
Data File : BM040328.D  
Acq On : 20 Jun 2023 00:11  
Operator : MA/JU  
Sample : 03080-20DL 5X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCFQ5DL

Quant Time: Jun 20 00:53:14 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061423.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 00:31:16 2023  
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.040 ng/ul

RT: 10.828 min Scan# 1745

Delta R.T. -0.005 min

Lab File: BM040328.D

Acq: 20 Jun 2023 00:11

Instrument :

BNA\_M

ClientSampleId :

DCFQ5DL

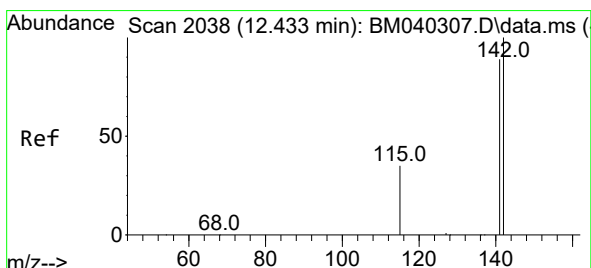
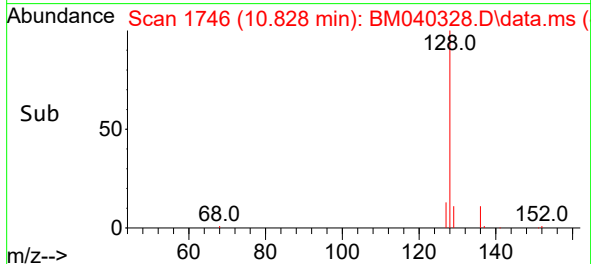
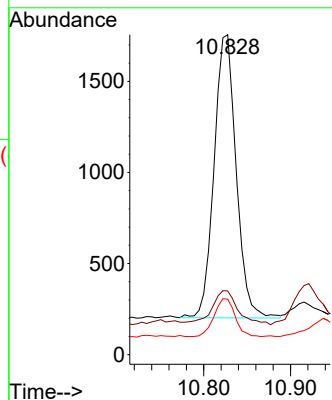
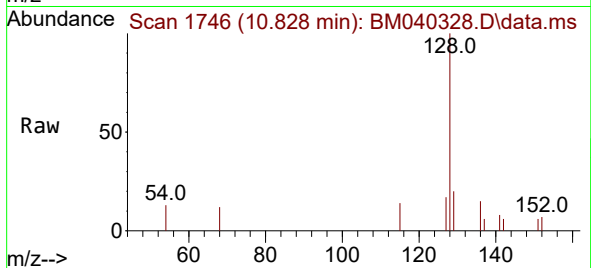
Tgt Ion:128 Resp: 2747

Ion Ratio Lower Upper

128 100

129 19.9 9.1 13.7#

127 17.3 10.4 15.6#



#7

2-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.433 min Scan# 2038

Delta R.T. -0.011 min

Lab File: BM040328.D

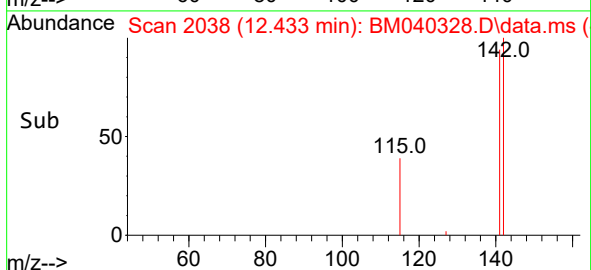
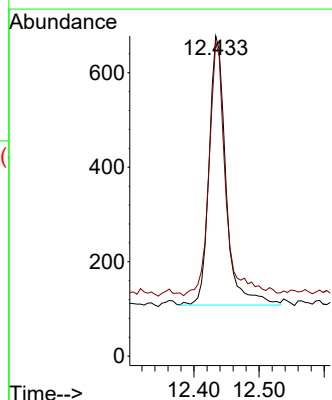
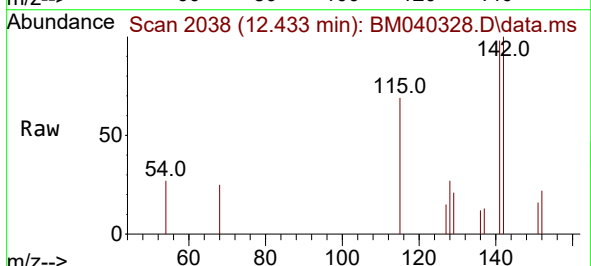
Acq: 20 Jun 2023 00:11

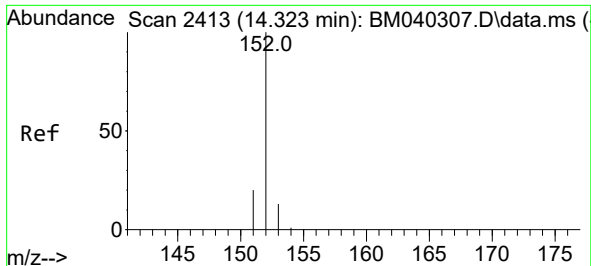
Tgt Ion:142 Resp: 1028

Ion Ratio Lower Upper

142 100

141 92.7 70.6 106.0

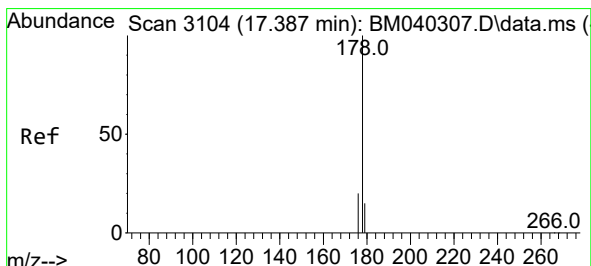
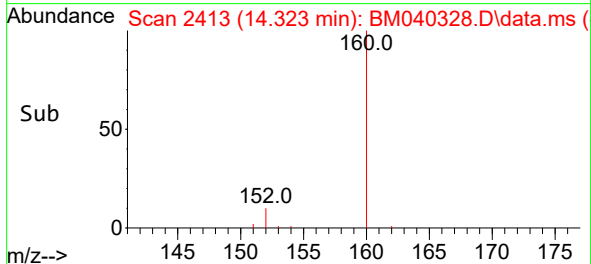
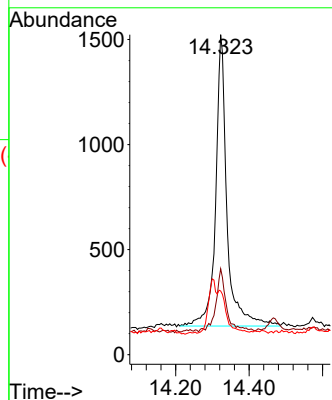
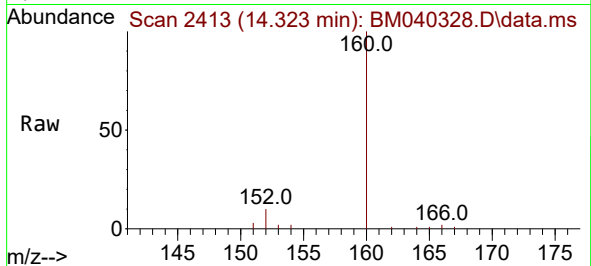




#10  
Acenaphthylene  
Concen: 0.053 ng/ul  
RT: 14.323 min Scan# 2413  
Delta R.T. -0.009 min  
Lab File: BM040328.D  
Acq: 20 Jun 2023 00:11

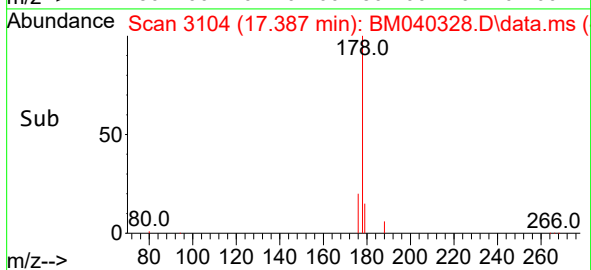
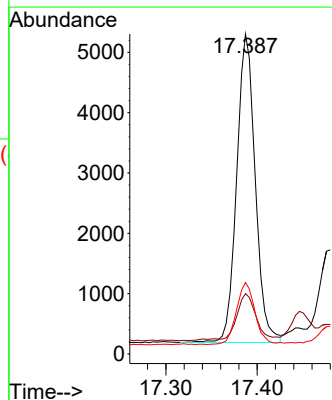
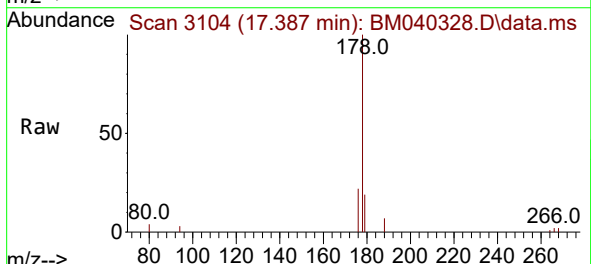
Instrument :  
BNA\_M  
ClientSampleId :  
DCFQ5DL

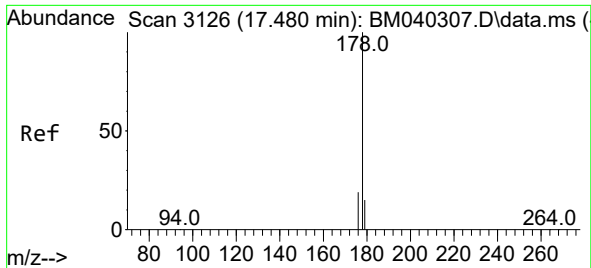
Tgt Ion:152 Resp: 2976  
Ion Ratio Lower Upper  
152 100  
151 26.9 16.3 24.5#  
153 19.9 10.7 16.1#



#15  
Phenanthrene  
Concen: 0.088 ng/ul  
RT: 17.387 min Scan# 3104  
Delta R.T. -0.008 min  
Lab File: BM040328.D  
Acq: 20 Jun 2023 00:11

Tgt Ion:178 Resp: 7245  
Ion Ratio Lower Upper  
178 100  
179 18.9 12.6 19.0  
176 22.4 16.1 24.1

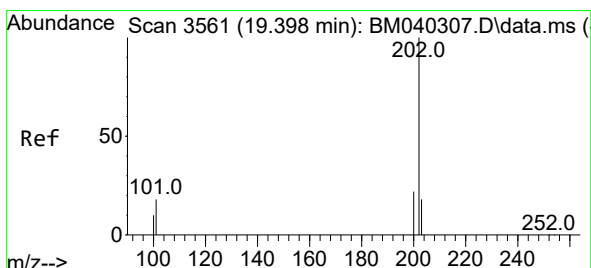
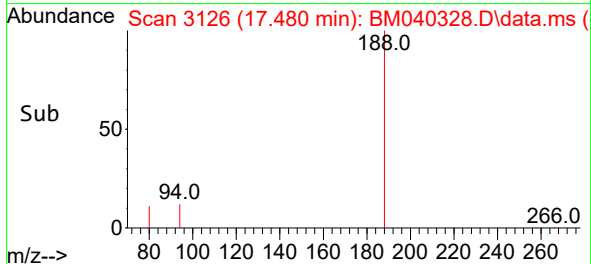
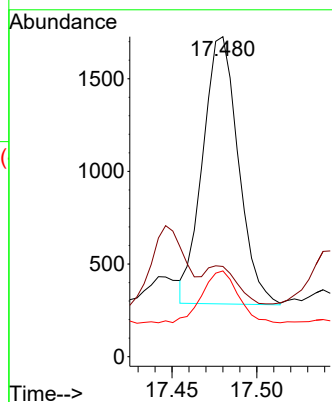
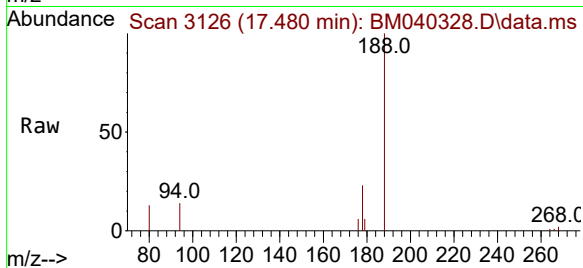




#16  
 Anthracene  
 Concen: 0.030 ng/ul  
 RT: 17.480 min Scan# 3126  
 Delta R.T. -0.008 min  
 Lab File: BM040328.D  
 Acq: 20 Jun 2023 00:11

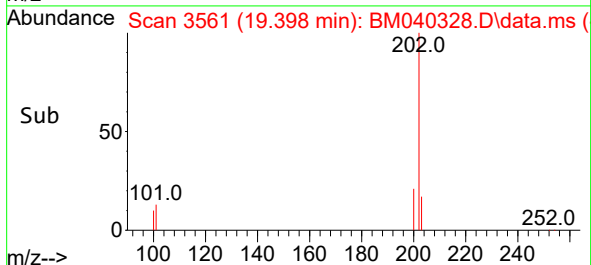
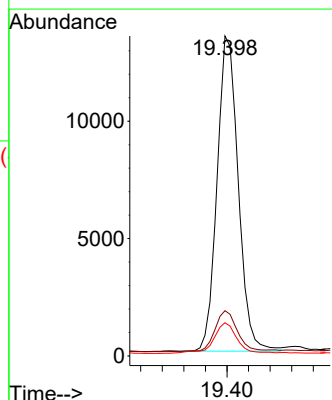
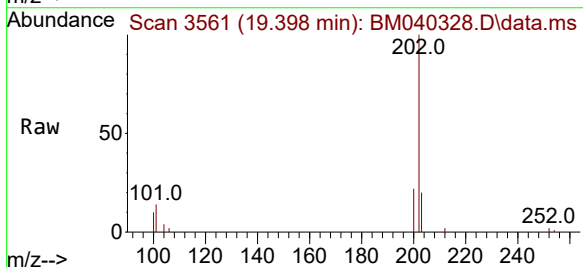
Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFQ5DL

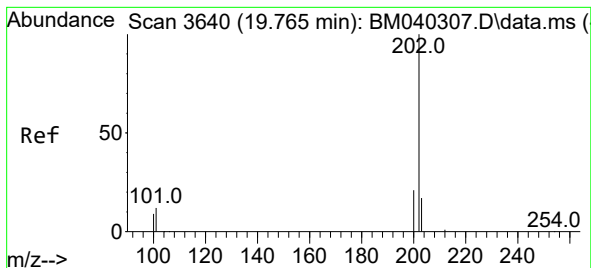
Tgt Ion:178 Resp: 2109  
 Ion Ratio Lower Upper  
 178 100  
 179 28.2 13.0 19.4#  
 176 26.8 15.5 23.3#



#19  
 Fluoranthene  
 Concen: 0.220 ng/ul  
 RT: 19.398 min Scan# 3561  
 Delta R.T. -0.009 min  
 Lab File: BM040328.D  
 Acq: 20 Jun 2023 00:11

Tgt Ion:202 Resp: 18296  
 Ion Ratio Lower Upper  
 202 100  
 101 14.2 10.2 15.4  
 100 10.4 7.6 11.4





#20

Pyrene

Concen: 0.214 ng/ul

RT: 19.761 min Scan# 3

Delta R.T. -0.009 min

Lab File: BM040328.D

Acq: 20 Jun 2023 00:11

Instrument :

BNA\_M

ClientSampleId :

DCFQ5DL

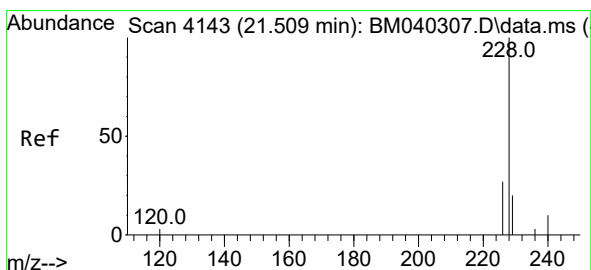
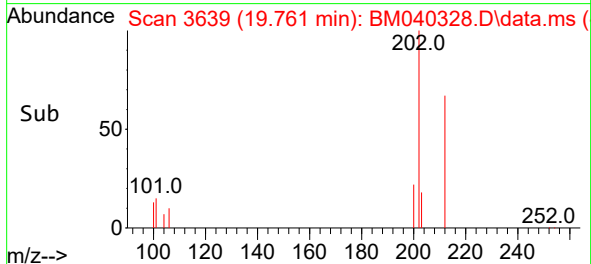
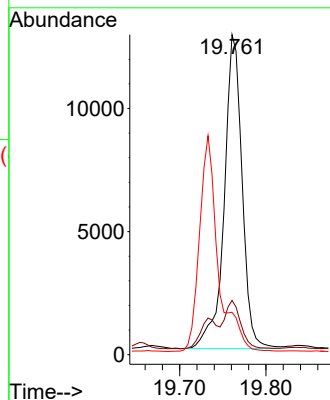
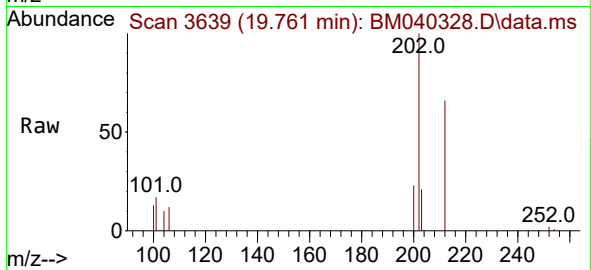
Tgt Ion:202 Resp: 18470

Ion Ratio Lower Upper

202 100

101 17.0 11.8 17.8

100 13.2 9.3 13.9



#21

Benzo(a)anthracene

Concen: 0.144 ng/ul

RT: 21.506 min Scan# 4142

Delta R.T. -0.009 min

Lab File: BM040328.D

Acq: 20 Jun 2023 00:11

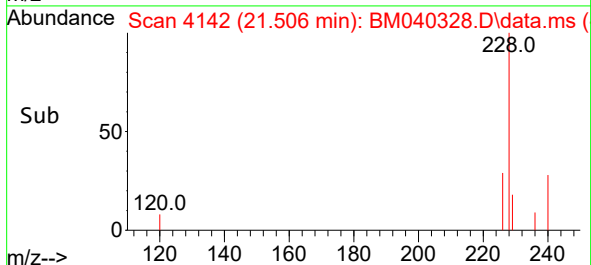
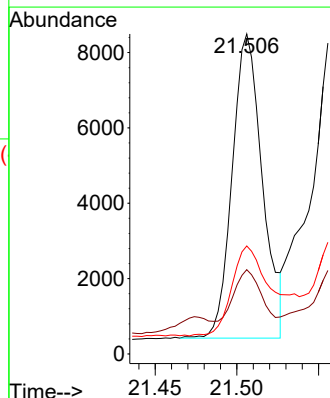
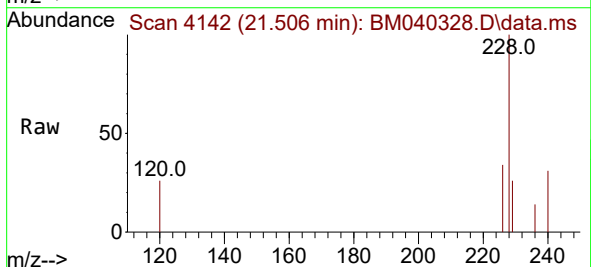
Tgt Ion:228 Resp: 10371

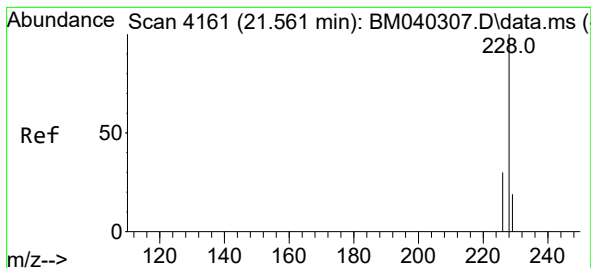
Ion Ratio Lower Upper

228 100

229 26.4 15.8 23.8#

226 33.7 22.0 33.0#





#22

Chrysene

Concen: 0.191 ng/ul

RT: 21.559 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM040328.D

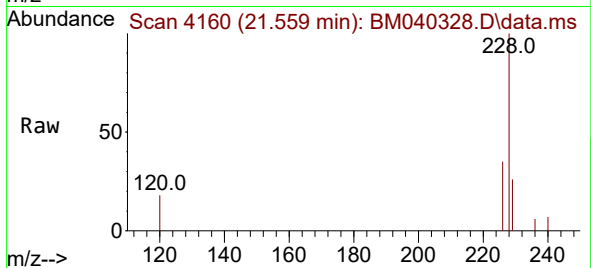
Acq: 20 Jun 2023 00:11

Instrument :

BNA\_M

ClientSampleId :

DCFQ5DL



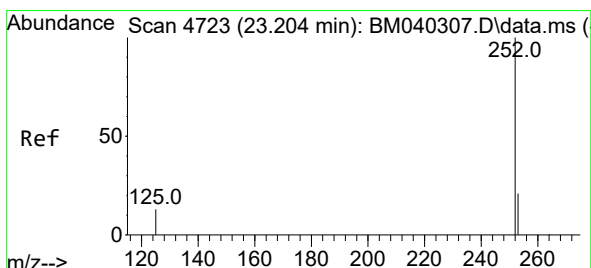
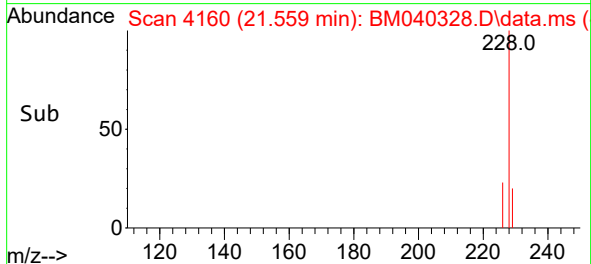
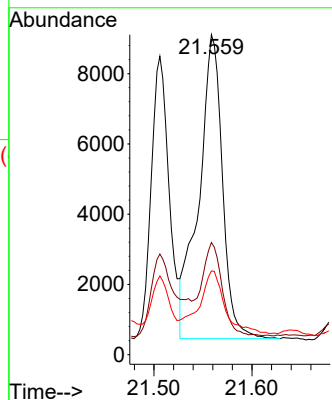
Tgt Ion:228 Resp: 14540

Ion Ratio Lower Upper

228 100

226 35.1 24.3 36.5

229 26.2 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 0.226 ng/ul

RT: 23.207 min Scan# 4724

Delta R.T. -0.009 min

Lab File: BM040328.D

Acq: 20 Jun 2023 00:11

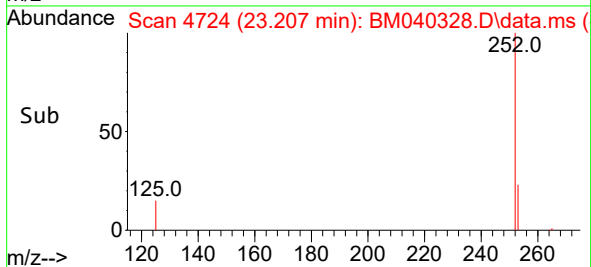
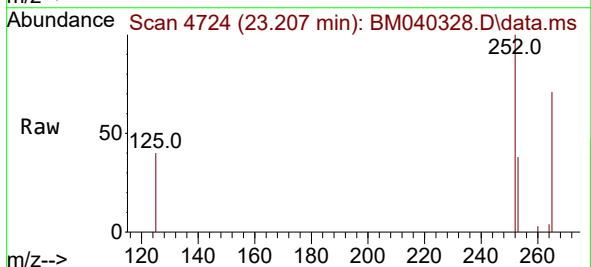
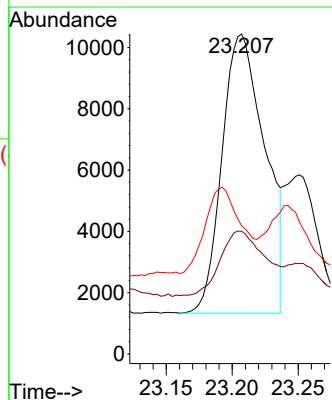
Tgt Ion:252 Resp: 20613

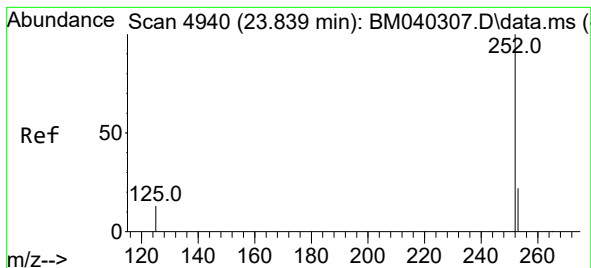
Ion Ratio Lower Upper

252 100

253 38.3 0.0 52.4

125 40.1 0.0 38.4#

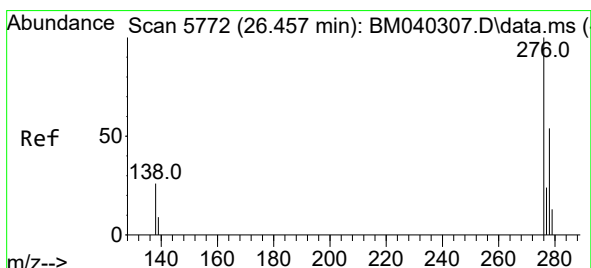
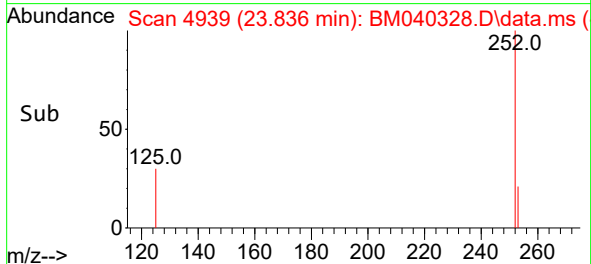
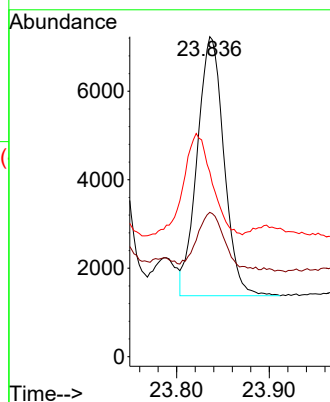
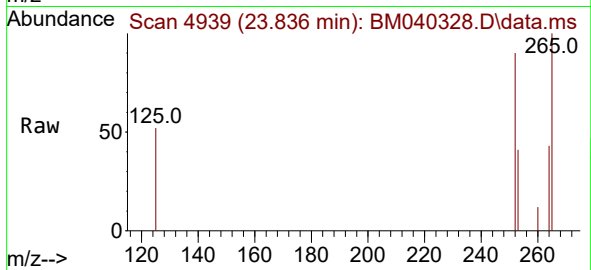




#26  
Benzo(a)pyrene  
Concen: 0.157 ng/ul  
RT: 23.836 min Scan# 4939  
Delta R.T. -0.015 min  
Lab File: BM040328.D  
Acq: 20 Jun 2023 00:11

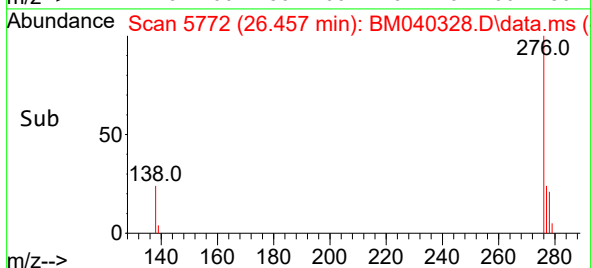
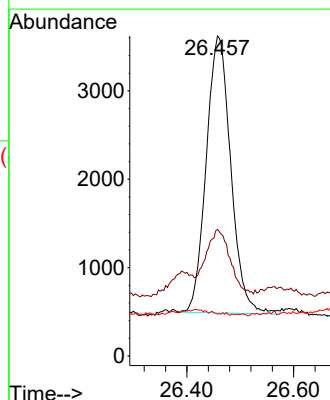
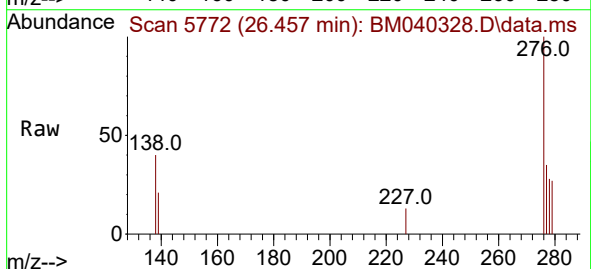
Instrument :  
BNA\_M  
ClientSampleId :  
DCFQ5DL

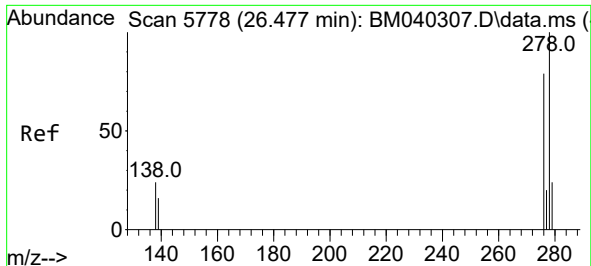
Tgt Ion:252 Resp: 11751  
Ion Ratio Lower Upper  
252 100  
253 45.1 23.4 35.0#  
125 57.8 19.7 29.5#



#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.105 ng/ul  
RT: 26.457 min Scan# 5772  
Delta R.T. -0.020 min  
Lab File: BM040328.D  
Acq: 20 Jun 2023 00:11

Tgt Ion:276 Resp: 10002  
Ion Ratio Lower Upper  
276 100  
138 24.2 23.3 34.9  
227 0.1 0.1 0.1#

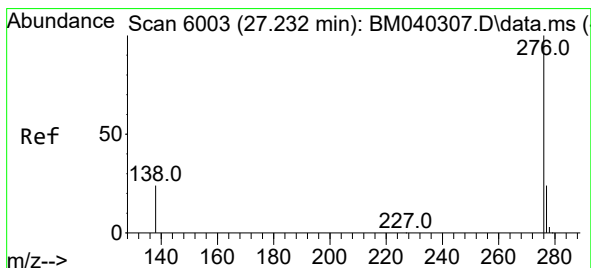
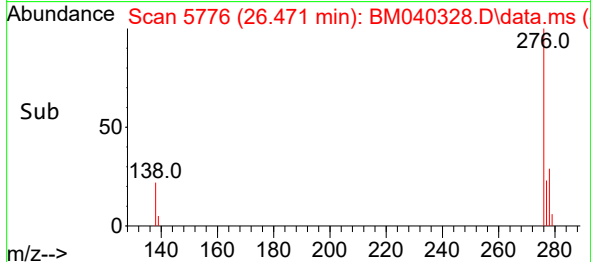
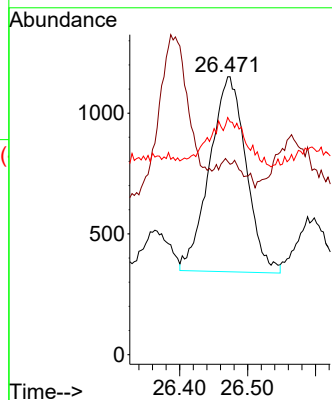
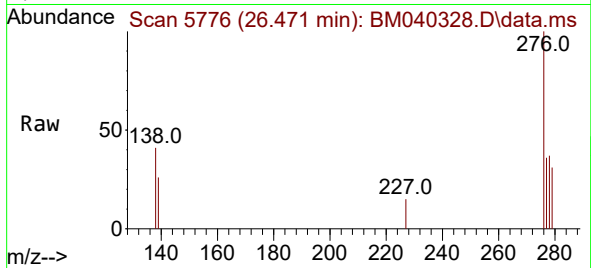




#28  
Dibenzo(a,h)anthracene  
Concen: 0.040 ng/ul  
RT: 26.471 min Scan# 5778  
Delta R.T. -0.027 min  
Lab File: BM040328.D  
Acq: 20 Jun 2023 00:11

Instrument :  
BNA\_M  
ClientSampleId :  
DCFQ5DL

Tgt Ion:278 Resp: 3018  
Ion Ratio Lower Upper  
278 100  
139 69.5 16.4 24.6#  
279 85.3 21.8 32.8#



#29  
Benzo(g,h,i)perylene  
Concen: 0.128 ng/ul  
RT: 27.232 min Scan# 6003  
Delta R.T. -0.023 min  
Lab File: BM040328.D  
Acq: 20 Jun 2023 00:11

Tgt Ion:276 Resp: 10124  
Ion Ratio Lower Upper  
276 100  
138 41.6 21.0 31.4#  
277 34.8 19.6 29.4#

