

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021524\  
 Data File : BM044135.D  
 Acq On : 16 Feb 2024 12:44  
 Operator : MA/JU  
 Sample : P1329-06DL 5X  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0FL5DL

Quant Time: Feb 16 22:38:54 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM021524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 15 13:40:24 2024  
 Response via : Initial Calibration

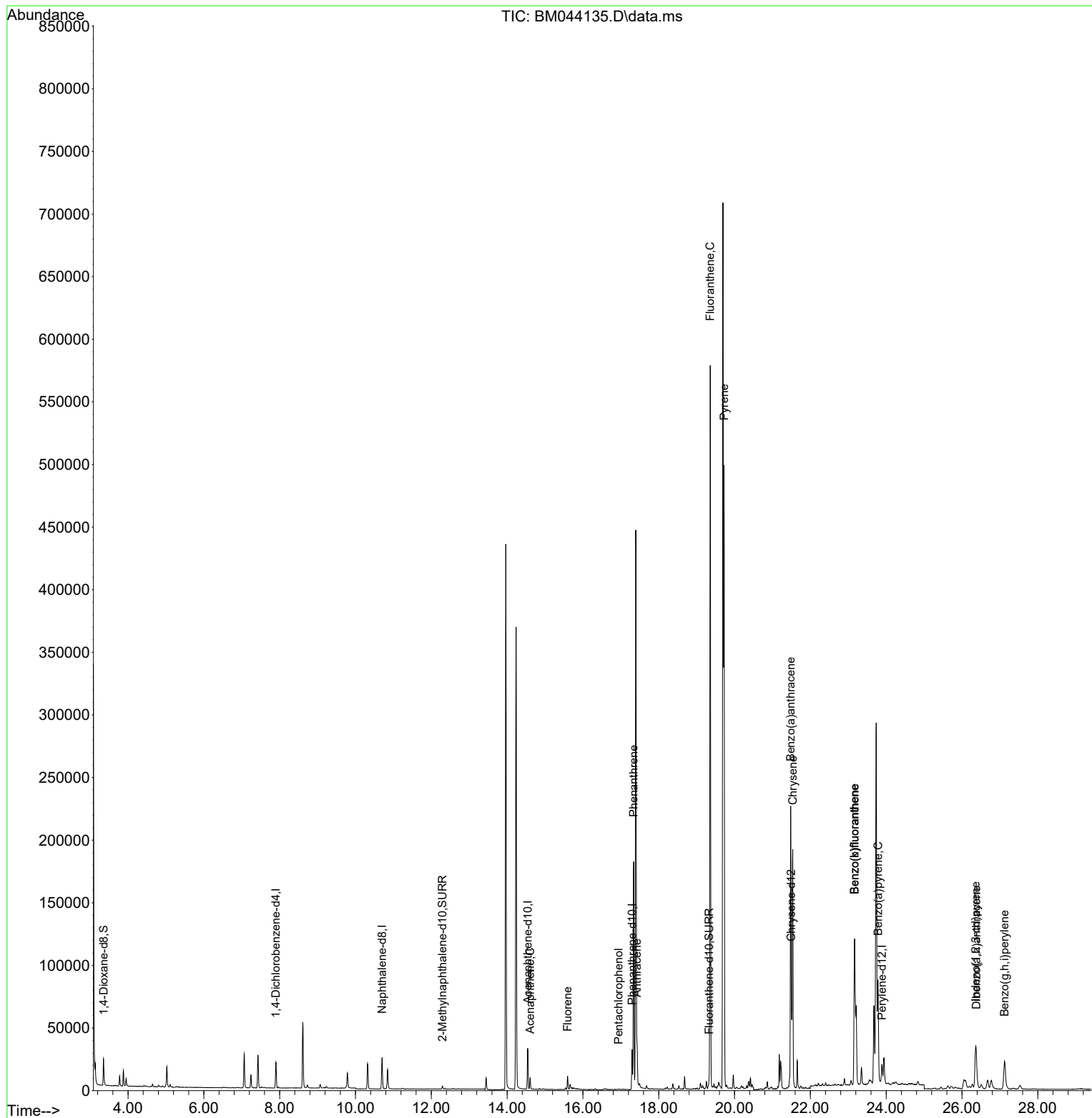
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.900  | 152  | 10307    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.704 | 136  | 34444    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.543 | 164  | 17808    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.297 | 188  | 36496    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.496 | 240  | 23587    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.890 | 264  | 24384    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.356  | 96   | 14625    | 1.002 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.294 | 152  | 3171     | 0.066 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.327 | 212  | 7076     | 0.101 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 11) Acenaphthene            | 14.608 | 153  | 5174     | 0.073 | ng/ul  | 98       |
| 12) Fluorene                | 15.594 | 166  | 6606     | 0.083 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.943 | 266  | 377      | 0.029 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.339 | 178  | 188566   | 1.630 | ng/ul  | 98       |
| 16) Anthracene              | 17.428 | 178  | 30418    | 0.266 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.360 | 202  | 472492   | 4.394 | ng/ul  | 98       |
| 20) Pyrene                  | 19.722 | 202  | 406700   | 3.596 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.481 | 228  | 193815   | 1.794 | ng/ul  | 99       |
| 22) Chrysene                | 21.534 | 228  | 188795   | 1.621 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.165 | 252  | 201367   | 2.001 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.165 | 252  | 274461   | 2.513 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.785 | 252  | 116733   | 1.248 | ng/ul  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.362 | 276  | 60408    | 0.507 | ng/ul  | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.379 | 278  | 15437    | 0.165 | ng/ul# | 92       |
| 29) Benzo(g,h,i)perylene    | 27.123 | 276  | 49239    | 0.467 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

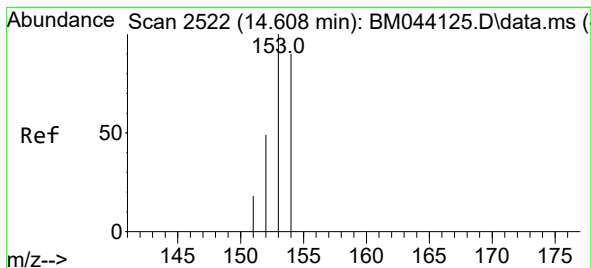
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021524\  
Data File : BM044135.D  
Acq On : 16 Feb 2024 12:44  
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Sample : P1329-06DL 5X  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0FL5DL

Quant Time: Feb 16 22:38:54 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM021524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 15 13:40:24 2024  
Response via : Initial Calibration





#11

Acenaphthene

Concen: 0.073 ng/ul

RT: 14.608 min Scan# 2522

Delta R.T. 0.001 min

Lab File: BM044135.D

Acq: 16 Feb 2024 12:44

Instrument :

BNA\_M

ClientSampleId :

C0FL5DL

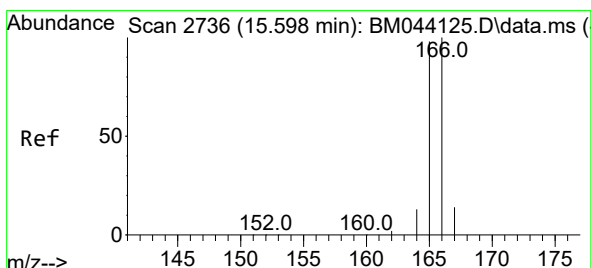
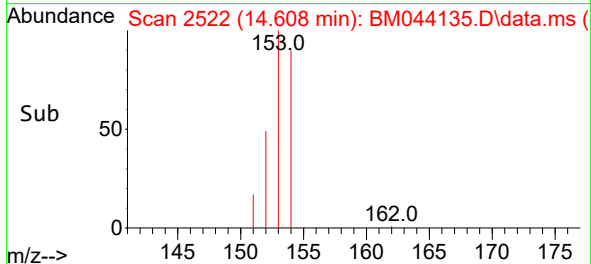
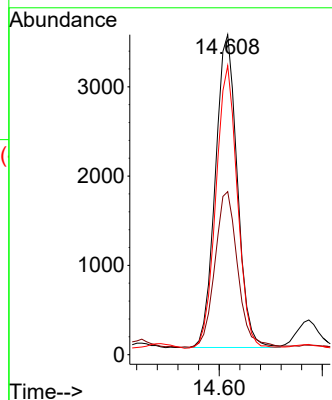
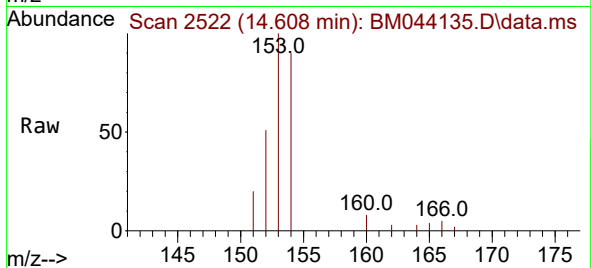
Tgt Ion:153 Resp: 5174

Ion Ratio Lower Upper

153 100

152 50.9 40.6 61.0

154 90.3 70.1 105.1



#12

Fluorene

Concen: 0.083 ng/ul

RT: 15.594 min Scan# 2735

Delta R.T. -0.004 min

Lab File: BM044135.D

Acq: 16 Feb 2024 12:44

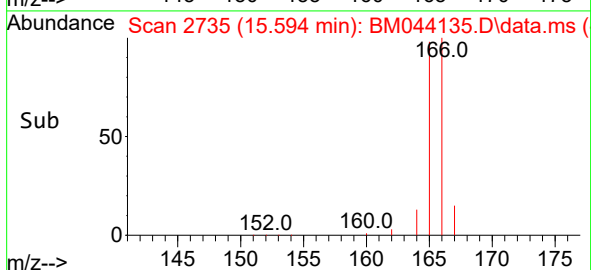
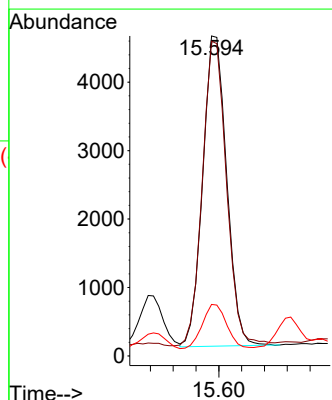
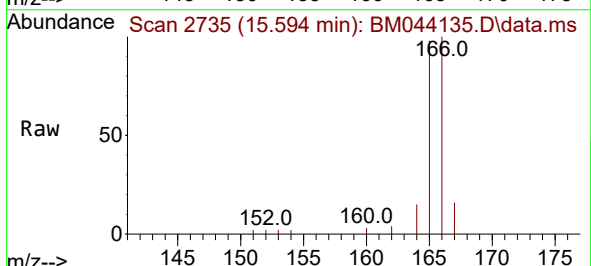
Tgt Ion:166 Resp: 6606

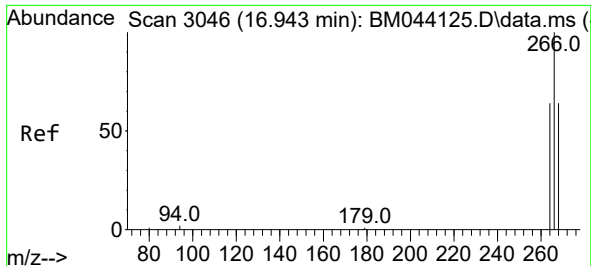
Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.6

167 16.1 11.1 16.7

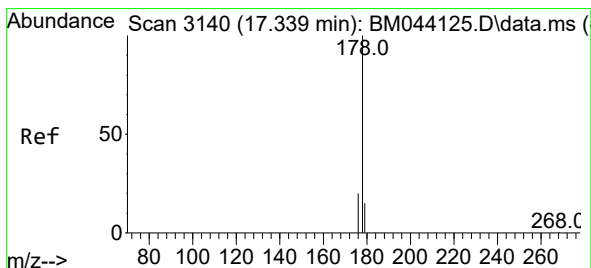
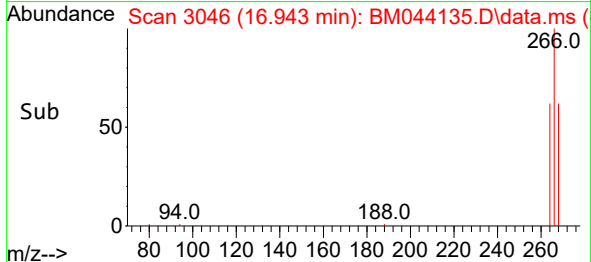
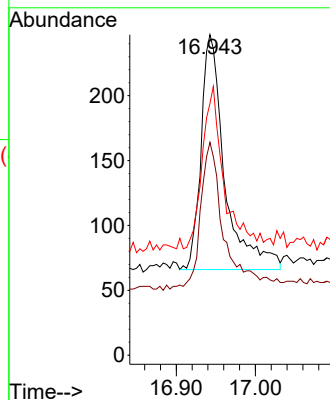
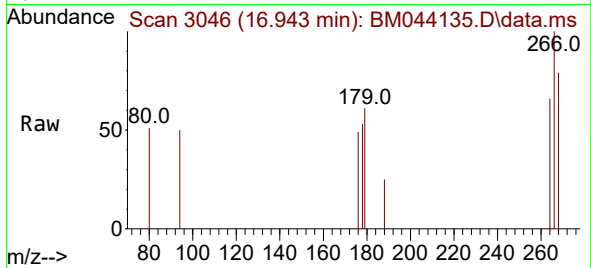




#14  
 Pentachlorophenol  
 Concen: 0.029 ng/ul  
 RT: 16.943 min Scan# 3046  
 Delta R.T. -0.003 min  
 Lab File: BM044135.D  
 Acq: 16 Feb 2024 12:44

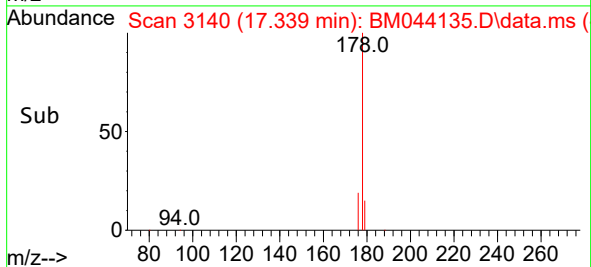
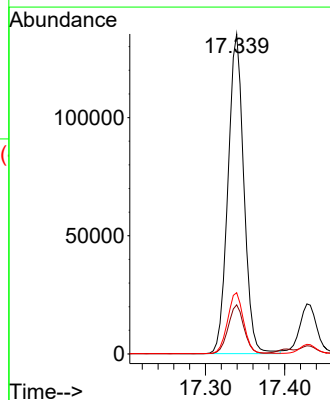
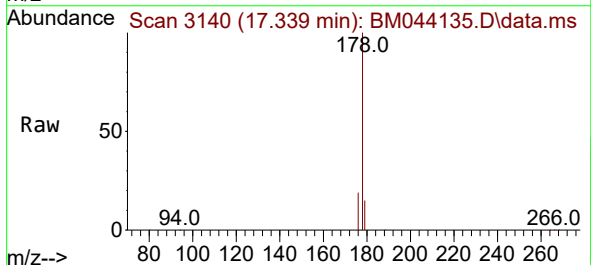
Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0FL5DL

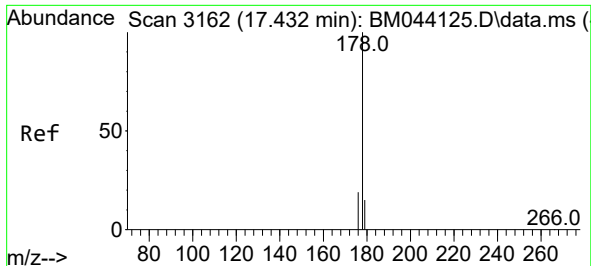
Tgt Ion:266 Resp: 377  
 Ion Ratio Lower Upper  
 266 100  
 264 65.5 49.4 74.0  
 268 63.9 52.1 78.1



#15  
 Phenanthrene  
 Concen: 1.630 ng/ul  
 RT: 17.339 min Scan# 3140  
 Delta R.T. 0.001 min  
 Lab File: BM044135.D  
 Acq: 16 Feb 2024 12:44

Tgt Ion:178 Resp: 188566  
 Ion Ratio Lower Upper  
 178 100  
 179 15.4 12.6 19.0  
 176 19.1 16.0 24.0

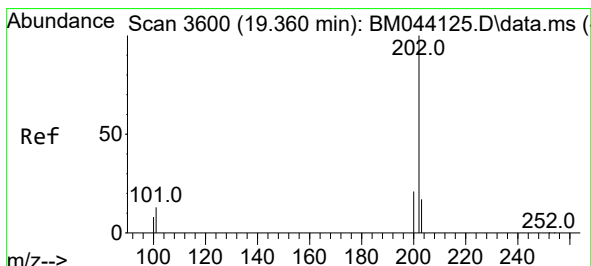
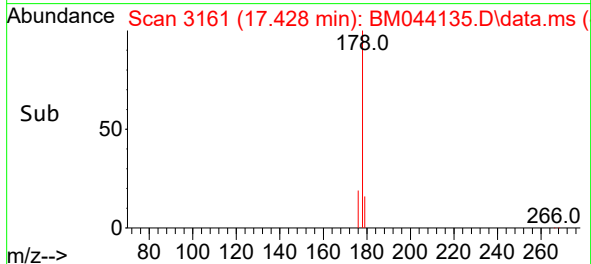
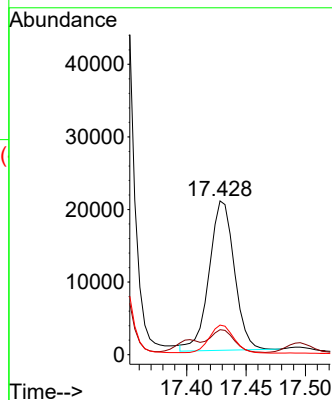
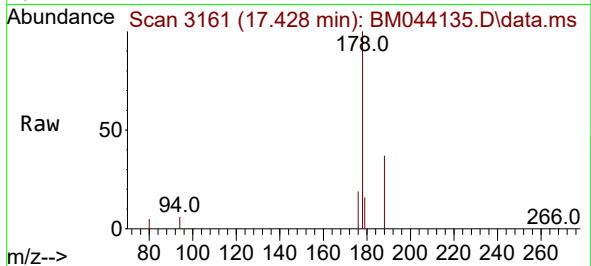




#16  
 Anthracene  
 Concen: 0.266 ng/ul  
 RT: 17.428 min Scan# 3161  
 Delta R.T. -0.008 min  
 Lab File: BM044135.D  
 Acq: 16 Feb 2024 12:44

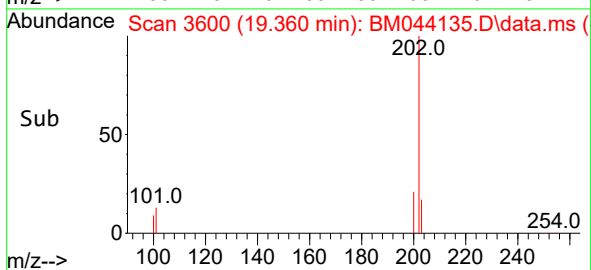
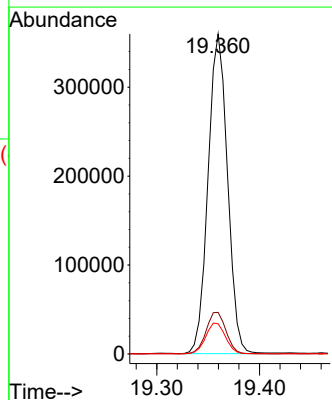
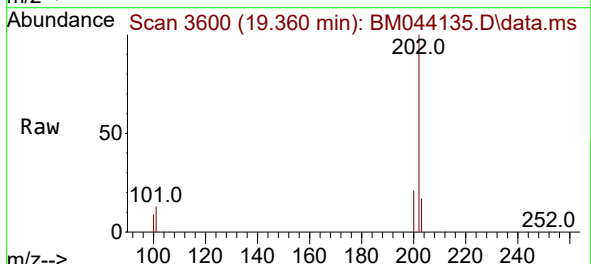
Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0FL5DL

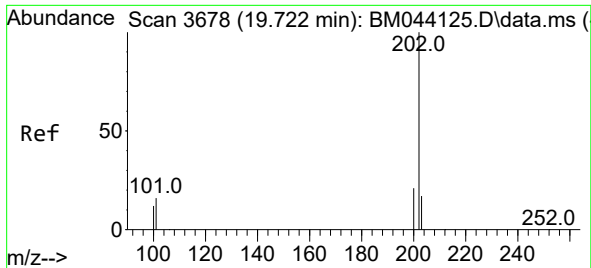
Tgt Ion:178 Resp: 30418  
 Ion Ratio Lower Upper  
 178 100  
 179 16.3 12.8 19.2  
 176 19.3 15.3 22.9



#19  
 Fluoranthene  
 Concen: 4.394 ng/ul  
 RT: 19.360 min Scan# 3600  
 Delta R.T. -0.004 min  
 Lab File: BM044135.D  
 Acq: 16 Feb 2024 12:44

Tgt Ion:202 Resp: 472492  
 Ion Ratio Lower Upper  
 202 100  
 101 13.0 9.8 14.6  
 100 9.5 7.0 10.4

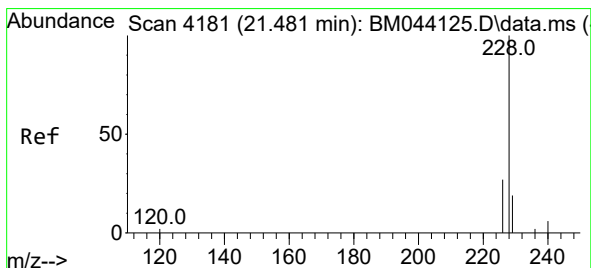
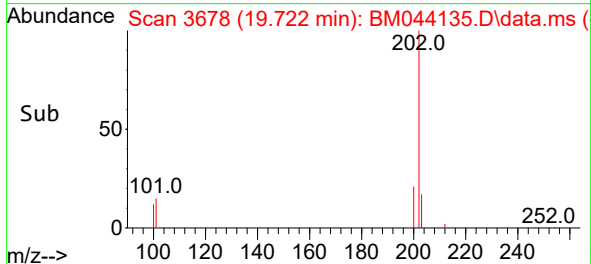
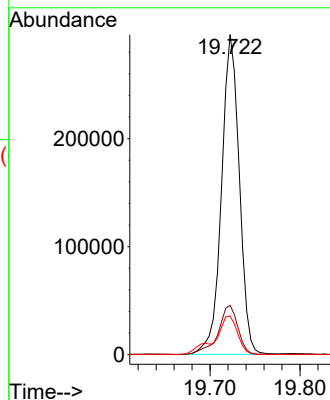
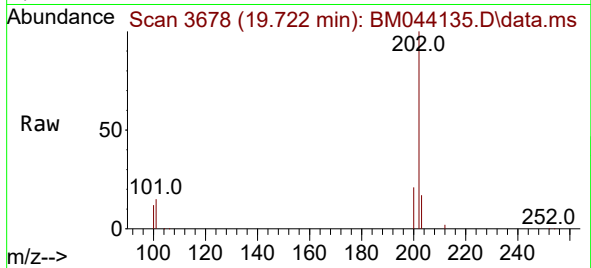




#20  
Pyrene  
Concen: 3.596 ng/ul  
RT: 19.722 min Scan# 30  
Delta R.T. -0.004 min  
Lab File: BM044135.D  
Acq: 16 Feb 2024 12:44

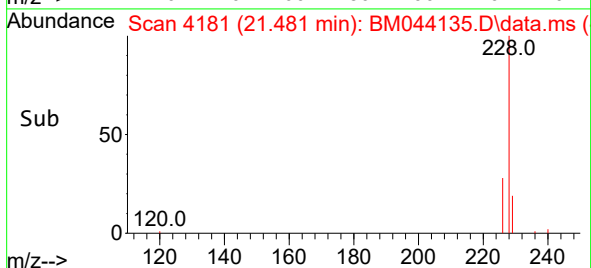
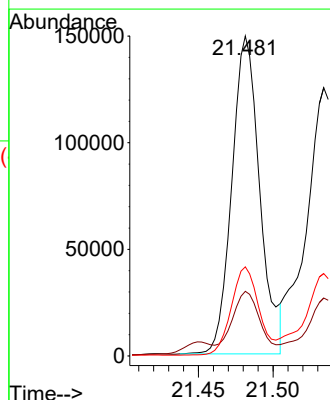
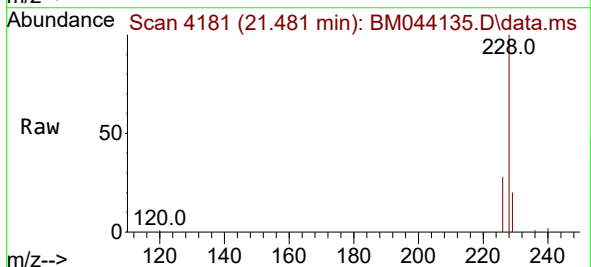
Instrument :  
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ClientSampleId :  
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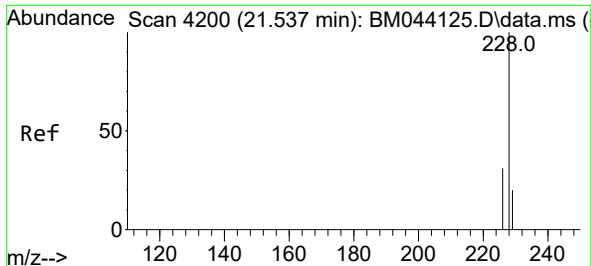
Tgt Ion:202 Resp: 406700  
Ion Ratio Lower Upper  
202 100  
101 15.4 11.2 16.8  
100 12.1 8.6 13.0



#21  
Benzo(a)anthracene  
Concen: 1.794 ng/ul  
RT: 21.481 min Scan# 4181  
Delta R.T. -0.004 min  
Lab File: BM044135.D  
Acq: 16 Feb 2024 12:44

Tgt Ion:228 Resp: 193815  
Ion Ratio Lower Upper  
228 100  
229 20.2 15.4 23.2  
226 27.9 22.1 33.1





#22

Chrysene

Concen: 1.621 ng/ul

RT: 21.534 min Scan# 41

Delta R.T. -0.004 min

Lab File: BM044135.D

Acq: 16 Feb 2024 12:44

Instrument :

BNA\_M

ClientSampleId :

C0FL5DL

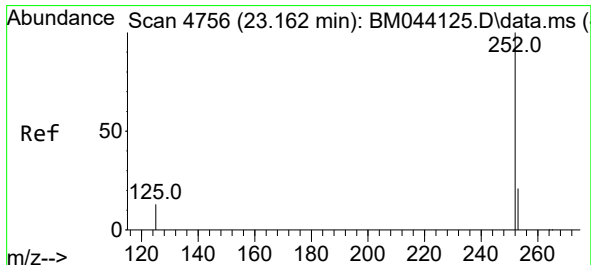
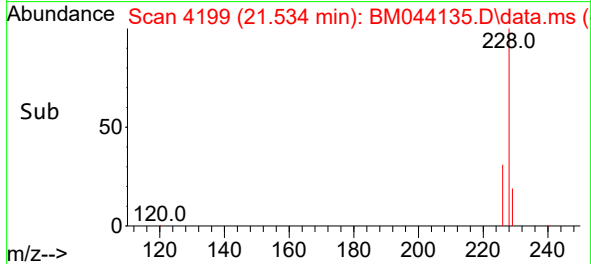
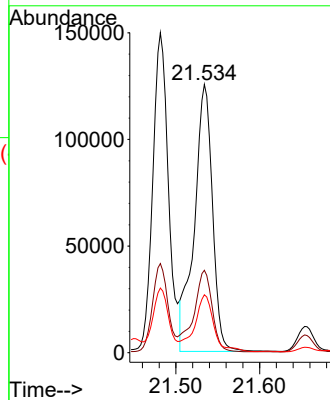
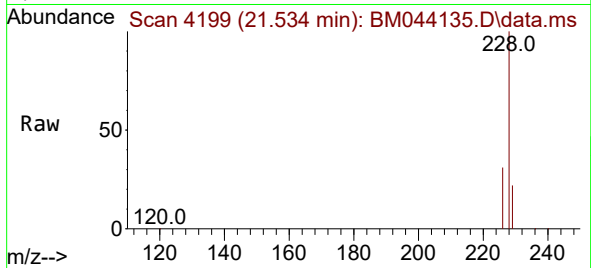
Tgt Ion:228 Resp: 188795

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

229 21.6 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 2.001 ng/ul

RT: 23.165 min Scan# 4757

Delta R.T. 0.002 min

Lab File: BM044135.D

Acq: 16 Feb 2024 12:44

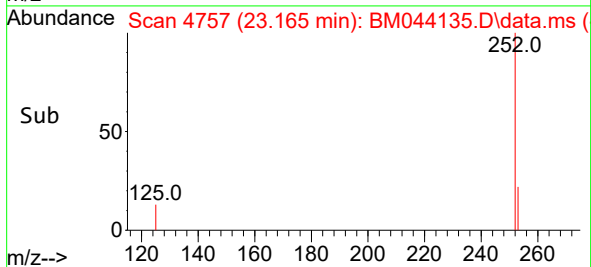
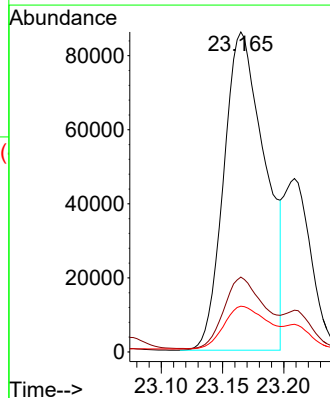
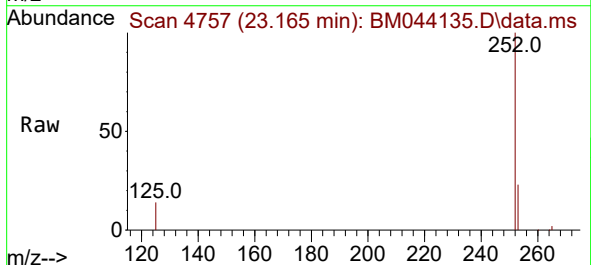
Tgt Ion:252 Resp: 201367

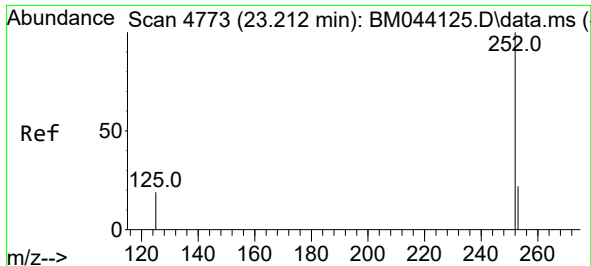
Ion Ratio Lower Upper

252 100

253 23.4 0.0 50.0

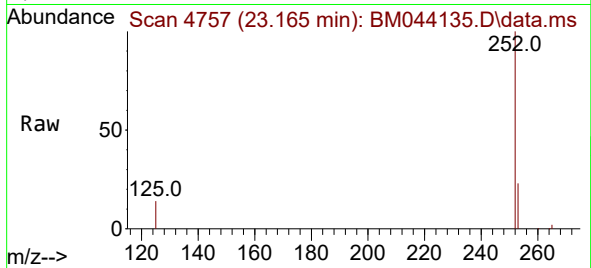
125 14.3 0.0 28.2



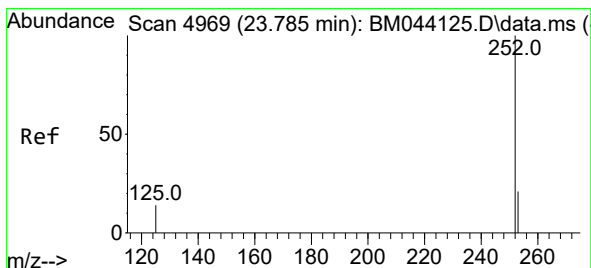
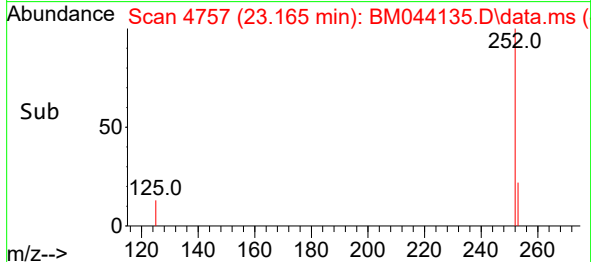
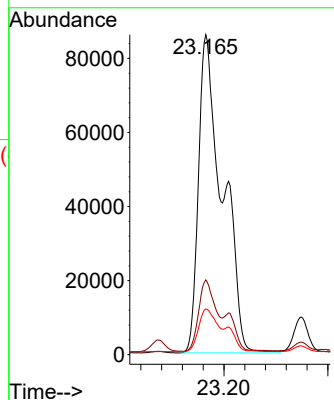


#25  
Benzo(k)fluoranthene  
Concen: 2.513 ng/ul  
RT: 23.165 min Scan# 41  
Delta R.T. -0.048 min  
Lab File: BM044135.D  
Acq: 16 Feb 2024 12:44

Instrument :  
BNA\_M  
ClientSampleId :  
C0FL5DL

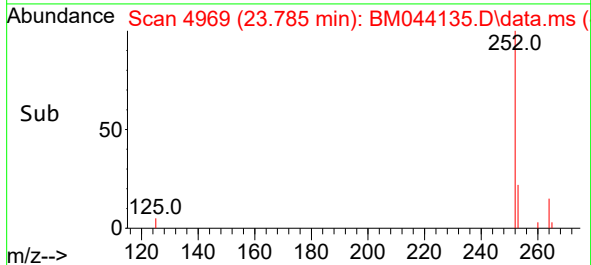
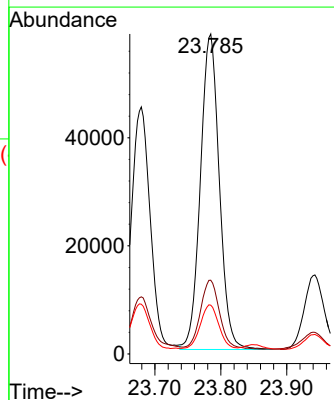
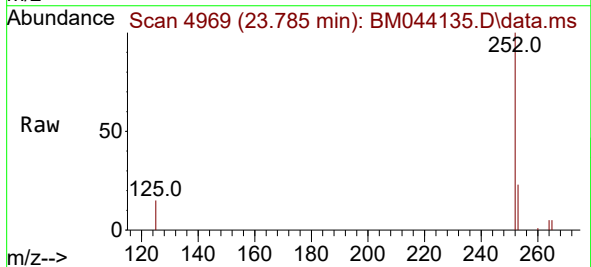


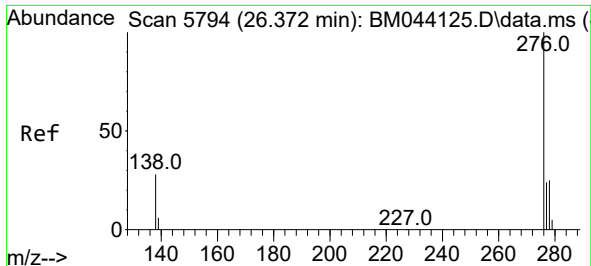
Tgt Ion:252 Resp: 274461  
Ion Ratio Lower Upper  
252 100  
253 23.4 20.1 30.1  
125 14.3 12.3 18.5



#26  
Benzo(a)pyrene  
Concen: 1.248 ng/ul  
RT: 23.785 min Scan# 4969  
Delta R.T. -0.001 min  
Lab File: BM044135.D  
Acq: 16 Feb 2024 12:44

Tgt Ion:252 Resp: 116733  
Ion Ratio Lower Upper  
252 100  
253 23.1 21.4 32.2  
125 15.2 13.3 19.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.507 ng/ul

RT: 26.362 min Scan# 5

Delta R.T. -0.007 min

Lab File: BM044135.D

Acq: 16 Feb 2024 12:44

Instrument :

BNA\_M

ClientSampleId :

C0FL5DL

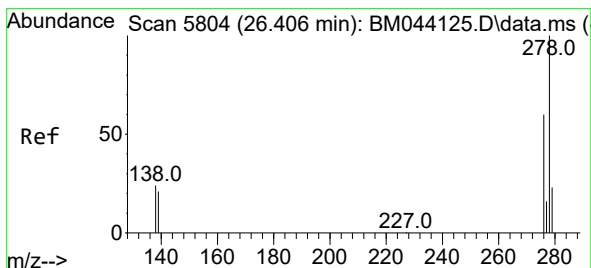
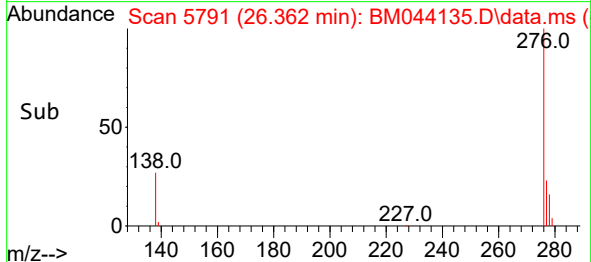
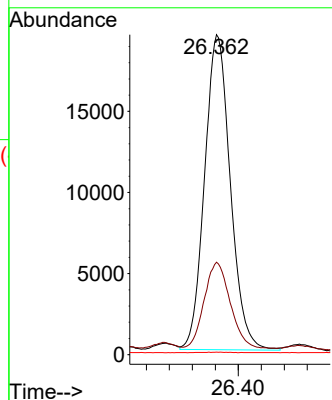
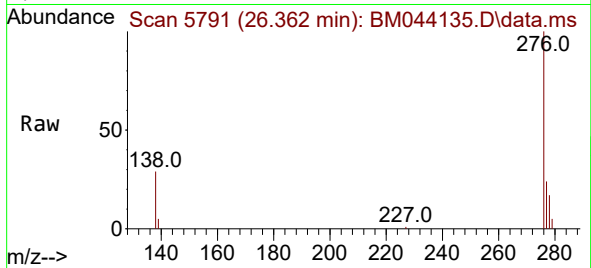
Tgt Ion:276 Resp: 60408

Ion Ratio Lower Upper

276 100

138 28.0 25.2 37.8

227 0.1 0.1 0.1



#28

Dibenzo(a,h)anthracene

Concen: 0.165 ng/ul

RT: 26.379 min Scan# 5796

Delta R.T. -0.031 min

Lab File: BM044135.D

Acq: 16 Feb 2024 12:44

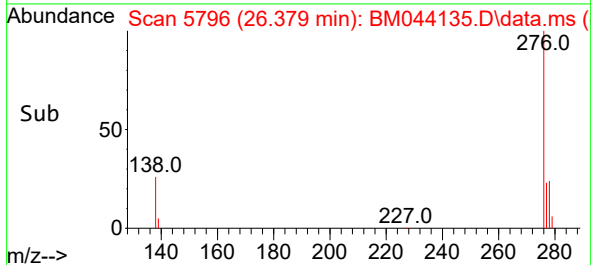
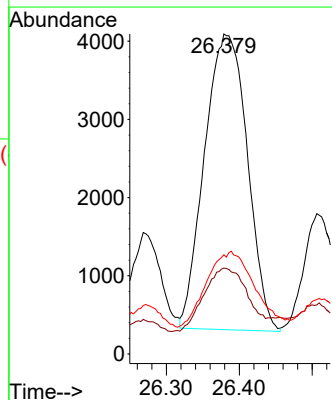
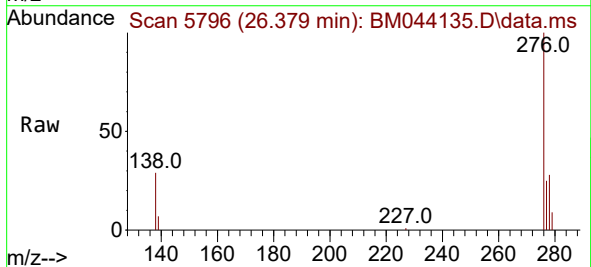
Tgt Ion:278 Resp: 15437

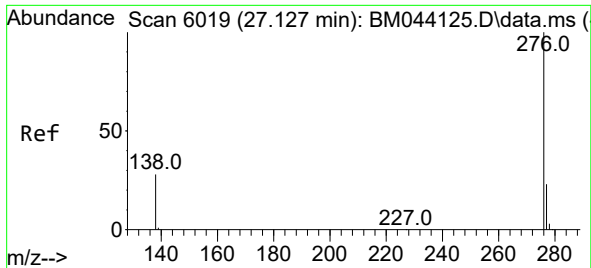
Ion Ratio Lower Upper

278 100

139 26.9 17.8 26.8#

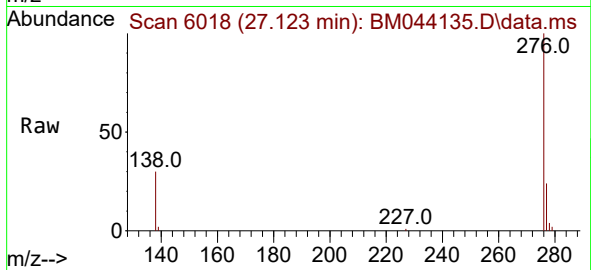
279 31.0 21.8 32.8





#29  
Benzo(g,h,i)perylene  
Concen: 0.467 ng/ul  
RT: 27.123 min Scan# 6018  
Delta R.T. -0.004 min  
Lab File: BM044135.D  
Acq: 16 Feb 2024 12:44

Instrument :  
BNA\_M  
ClientSampleId :  
C0FL5DL



Tgt Ion:276 Resp: 49239  
Ion Ratio Lower Upper  
276 100  
138 30.3 22.7 34.1  
277 24.2 19.0 28.6

