

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042924\  
 Data File : BM045634.D  
 Acq On : 30 Apr 2024 00:40  
 Operator : MA/JU  
 Sample : P2119-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Apr 30 01:19:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM042024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 30 01:16:44 2024  
 Response via : Initial Calibration

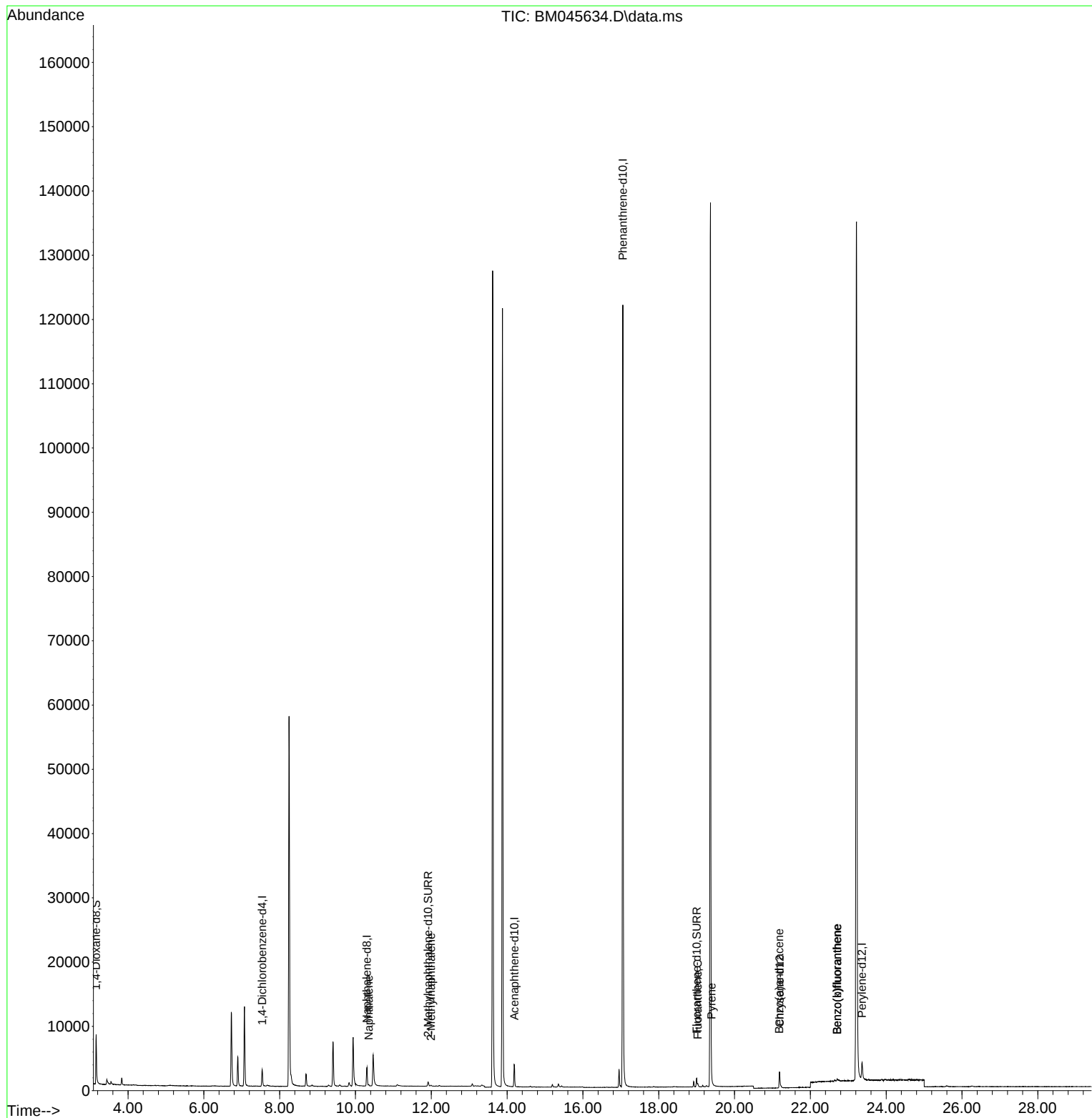
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.538  | 152  | 1468     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.303 | 136  | 4098     | 0.400 | ng/ul  | #-0.02   |
| 9) Acenaphthene-d10         | 14.192 | 164  | 1950     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.052 | 188  | 149186   | 0.400 | ng/ul  | # 0.07   |
| 17) Chrysene-d12            | 21.189 | 240  | 2858     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.364 | 264  | 4620     | 0.400 | ng/ul  | #-0.02   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.158  | 96   | 5027     | 2.555 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.914 | 152  | 1125     | 0.208 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.002 | 212  | 1654     | 0.184 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.352 | 128  | 276      | 0.025 | ng/ul# | 59       |
| 7) 2-Methylnaphthalene      | 11.991 | 142  | 145      | 0.023 | ng/ul  | 92       |
| 19) Fluoranthene            | 19.030 | 202  | 441      | 0.033 | ng/ul# | 59       |
| 20) Pyrene                  | 19.392 | 202  | 360      | 0.027 | ng/ul# | 46       |
| 21) Benzo(a)anthracene      | 21.178 | 228  | 245      | 0.027 | ng/ul# | 57       |
| 24) Benzo(b)fluoranthene    | 22.709 | 252  | 511      | 0.033 | ng/ul# | 1        |
| 25) Benzo(k)fluoranthene    | 22.709 | 252  | 662      | 0.034 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

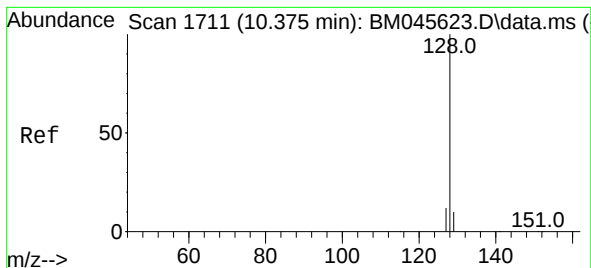
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.025 ng/ul

RT: 10.352 min Scan# 1

Delta R.T. -0.022 min

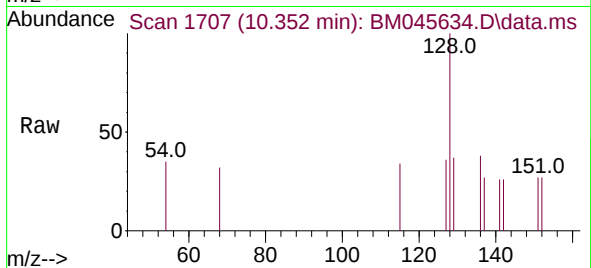
Lab File: BM045634.D

Acq: 30 Apr 2024 00:40

Instrument :

BNA\_M

ClientSampleId :



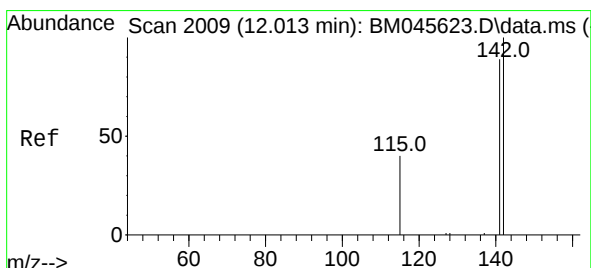
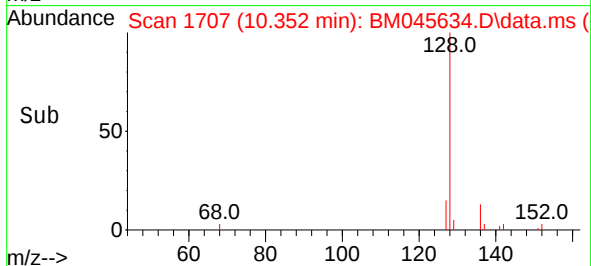
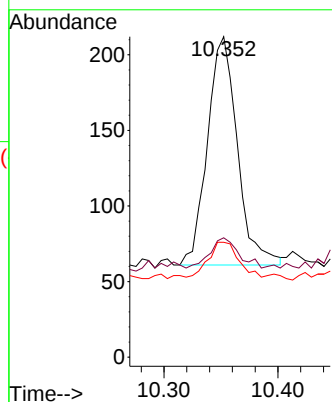
Tgt Ion:128 Resp: 276

Ion Ratio Lower Upper

128 100

129 37.3 14.0 21.0#

127 35.8 15.4 23.2#



#7

2-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 11.991 min Scan# 2005

Delta R.T. -0.022 min

Lab File: BM045634.D

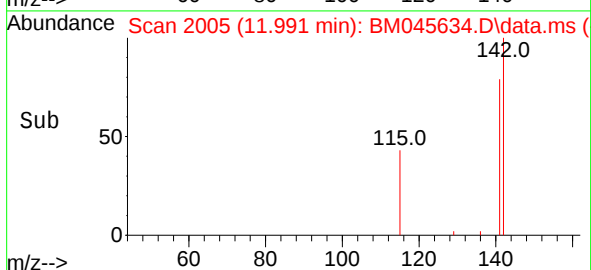
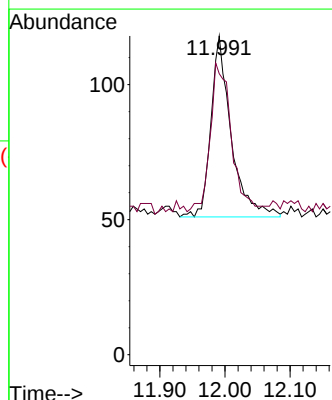
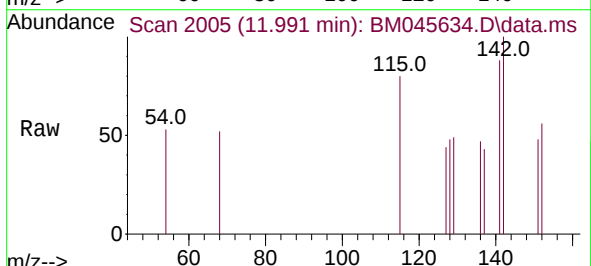
Acq: 30 Apr 2024 00:40

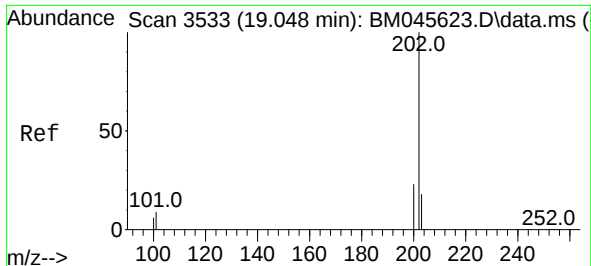
Tgt Ion:142 Resp: 145

Ion Ratio Lower Upper

142 100

141 85.5 74.6 111.8





#19

Fluoranthene

Concen: 0.033 ng/ul

RT: 19.030 min Scan# 3

Delta R.T. -0.018 min

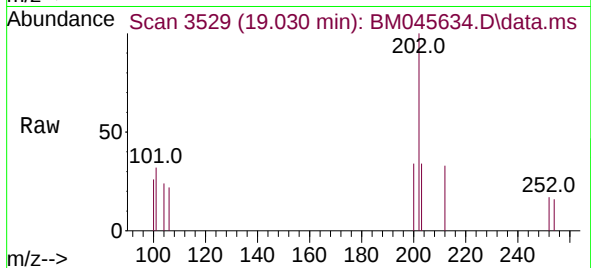
Lab File: BM045634.D

Acq: 30 Apr 2024 00:40

Instrument :

BNA\_M

ClientSampleId :



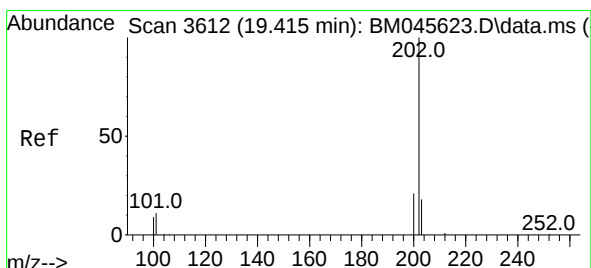
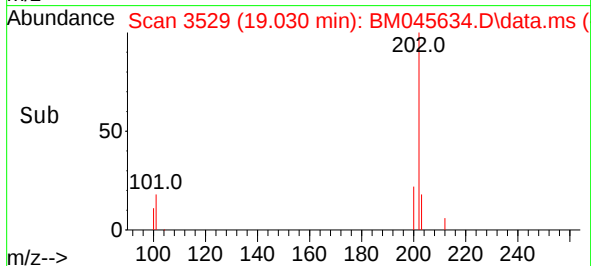
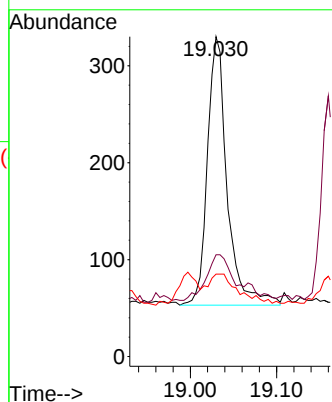
Tgt Ion:202 Resp: 441

Ion Ratio Lower Upper

202 100

101 31.8 11.2 16.8#

100 25.8 9.1 13.7#



#20

Pyrene

Concen: 0.027 ng/ul

RT: 19.392 min Scan# 3607

Delta R.T. -0.023 min

Lab File: BM045634.D

Acq: 30 Apr 2024 00:40

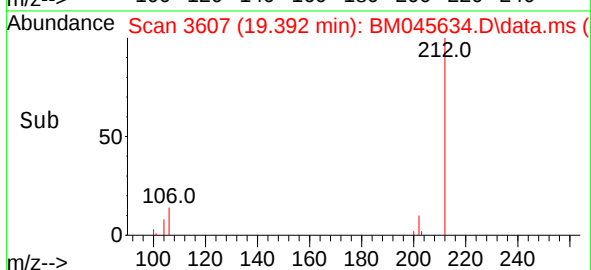
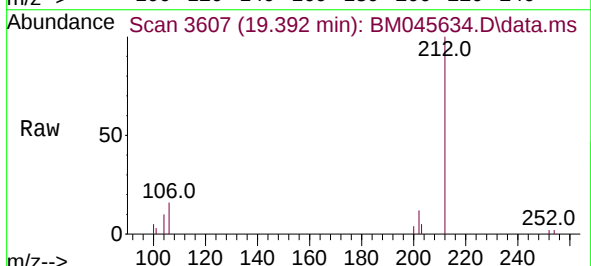
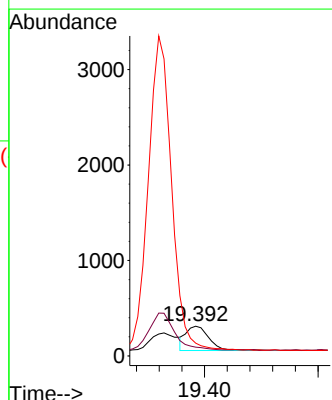
Tgt Ion:202 Resp: 360

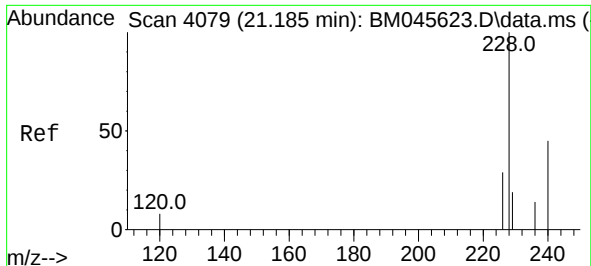
Ion Ratio Lower Upper

202 100

101 29.2 11.5 17.3#

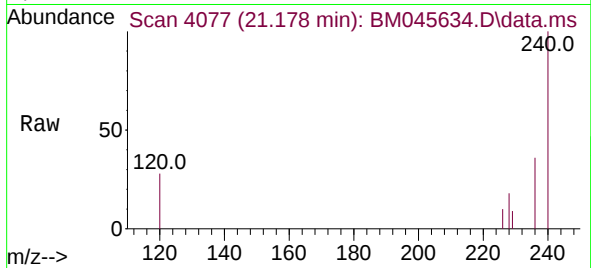
100 42.6 10.6 15.8#



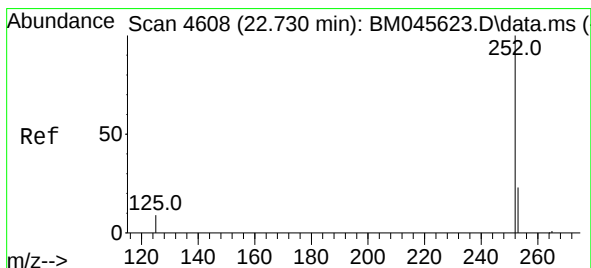
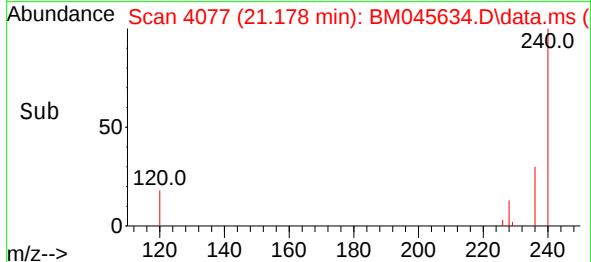
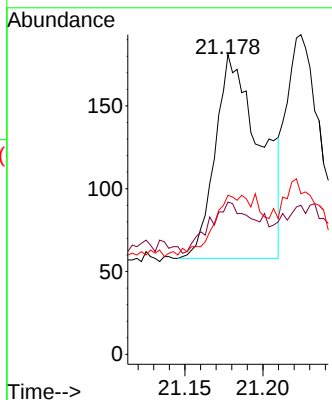


#21  
Benzo(a)anthracene  
Concen: 0.027 ng/ul  
RT: 21.178 min Scan# 4079  
Delta R.T. -0.007 min  
Lab File: BM045634.D  
Acq: 30 Apr 2024 00:40

Instrument :  
BNA\_M  
ClientSampleId :

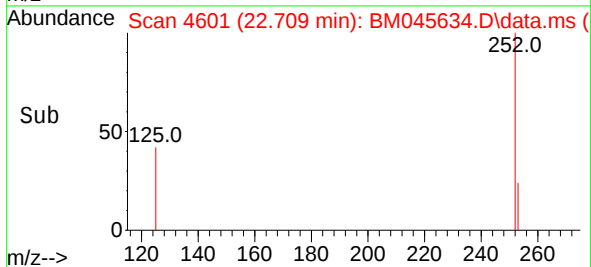
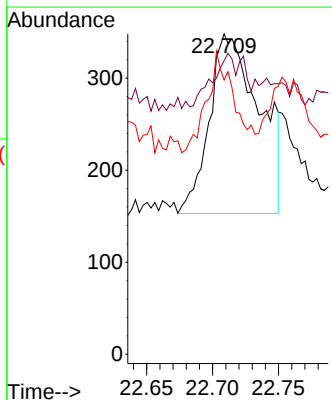
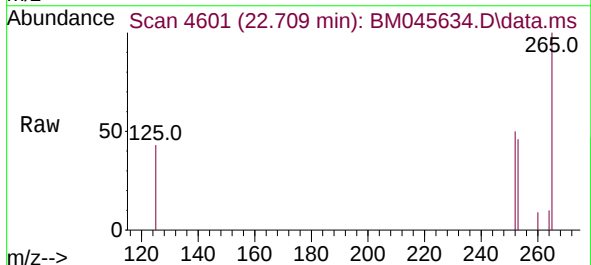


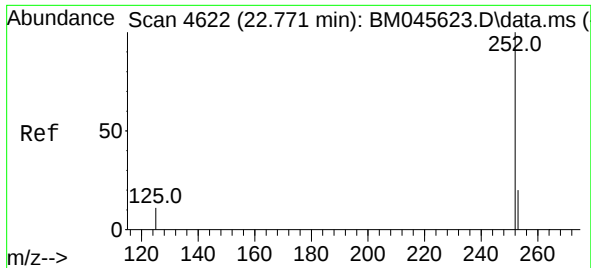
Tgt Ion:228 Resp: 245  
Ion Ratio Lower Upper  
228 100  
229 50.8 19.4 29.2#  
226 53.0 26.3 39.5#



#24  
Benzo(b)fluoranthene  
Concen: 0.033 ng/ul  
RT: 22.709 min Scan# 4601  
Delta R.T. -0.022 min  
Lab File: BM045634.D  
Acq: 30 Apr 2024 00:40

Tgt Ion:252 Resp: 511  
Ion Ratio Lower Upper  
252 100  
253 91.7 0.0 63.4#  
125 85.6 0.0 36.8#





#25

Benzo(k)fluoranthene

Concen: 0.034 ng/ul

RT: 22.709 min Scan# 4

Delta R.T. -0.062 min

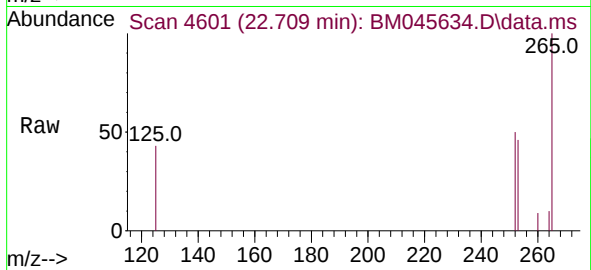
Lab File: BM045634.D

Acq: 30 Apr 2024 00:40

Instrument :

BNA\_M

ClientSampleId :



Tgt Ion:252 Resp: 662

Ion Ratio Lower Upper

252 100

253 91.7 25.4 38.0#

125 85.6 14.8 22.2#

