

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122324\  
 Data File : BM049176.D  
 Acq On : 24 Dec 2024 09:59  
 Operator : RC/JU  
 Sample : P5331-01  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E2AQ1

Quant Time: Dec 24 21:39:22 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 18 15:33:13 2024  
 Response via : Initial Calibration

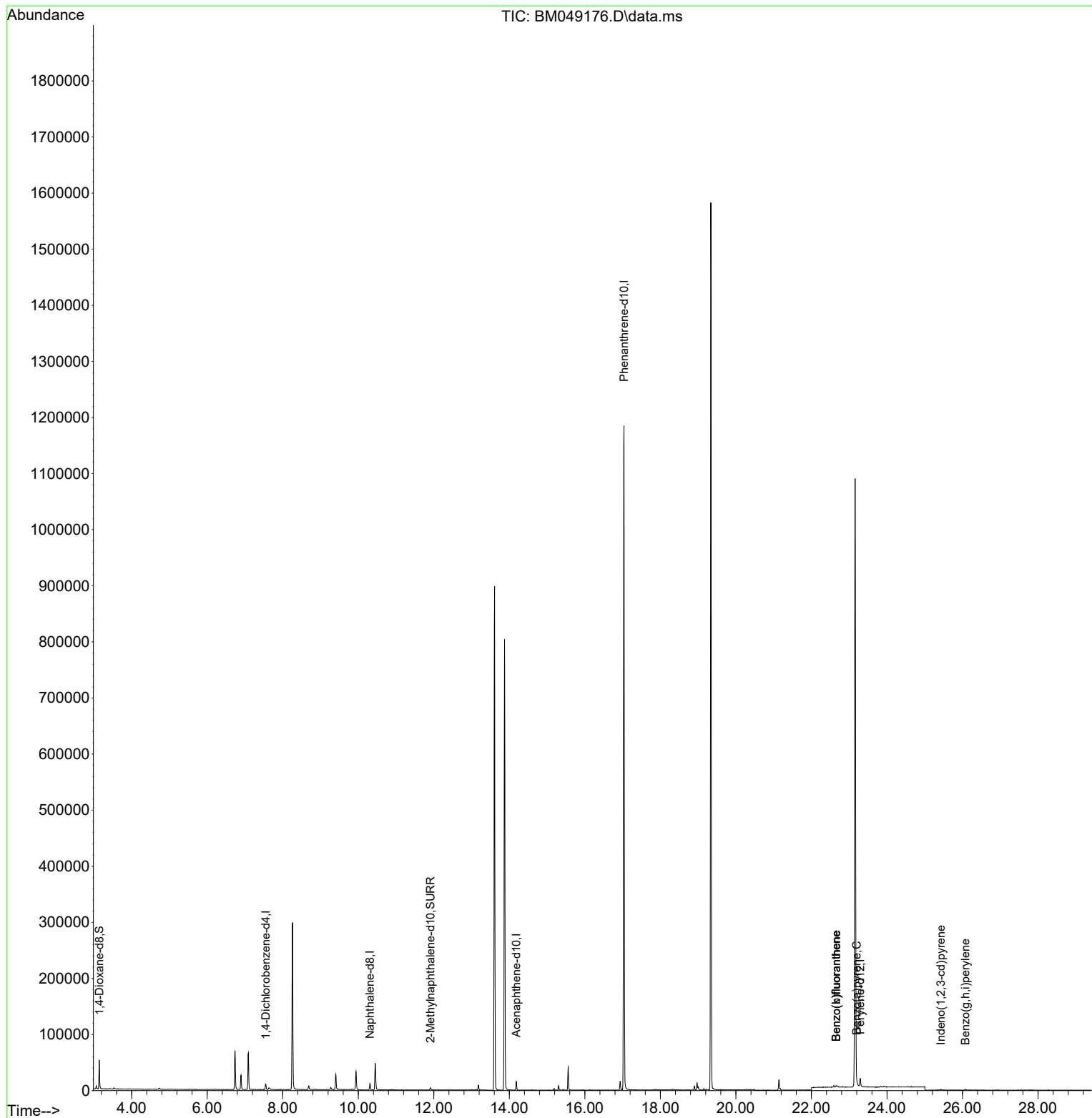
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.552  | 152  | 5095     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.308 | 136  | 15064    | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.186 | 164  | 8376     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.034 | 188  | 1343335  | 0.400 | ng/ul  | 0.08     |
| 17) Chrysene-d12            | 0.000  | 240  | 0        | 0.000 | ng/ul  | -21.15   |
| 23) Perylene-d12            | 23.291 | 264  | 21854    | 0.400 | ng/ul  | #-0.01   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.143  | 96   | 29411    | 5.005 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.914 | 152  | 6263     | 0.309 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.973 | 212  | 15438    | 0.000 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 24) Benzo(b)fluoranthene    | 22.657 | 252  | 5758     | 0.082 | ng/ul# | 46       |
| 25) Benzo(k)fluoranthene    | 22.657 | 252  | 5758     | 0.075 | ng/ul# | 47       |
| 26) Benzo(a)pyrene          | 23.198 | 252  | 2263     | 0.034 | ng/ul# | 40       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.427 | 276  | 2017     | 0.021 | ng/ul# | 85       |
| 29) Benzo(g,h,i)perylene    | 26.078 | 276  | 2241     | 0.029 | ng/ul# | 73       |
| -----                       |        |      |          |       |        |          |

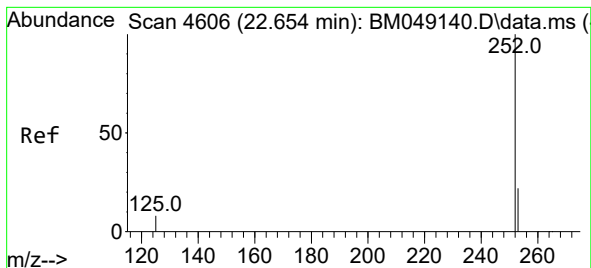
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#24

Benzo(b)fluoranthene

Concen: 0.082 ng/ul

RT: 22.657 min Scan# 4

Delta R.T. -0.006 min

Lab File: BM049176.D

Acq: 24 Dec 2024 09:59

Instrument :

BNA\_M

ClientSampleId :

E2AQ1

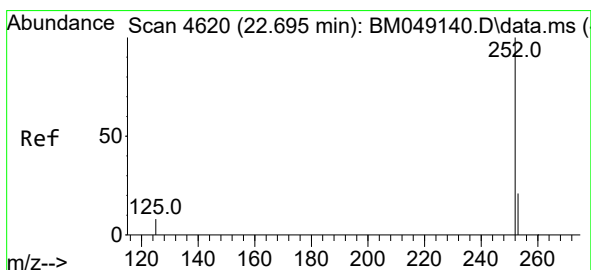
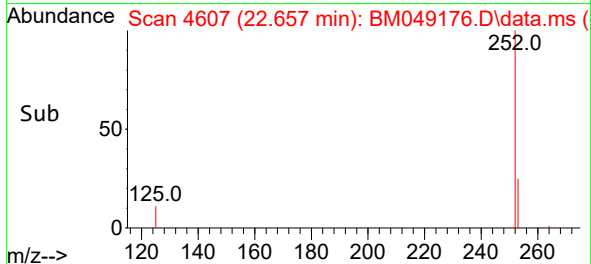
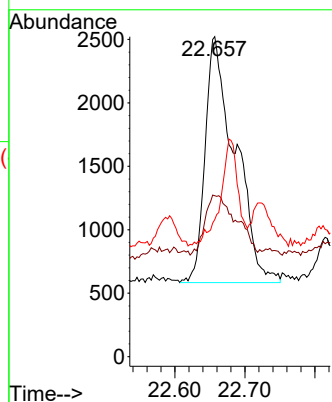
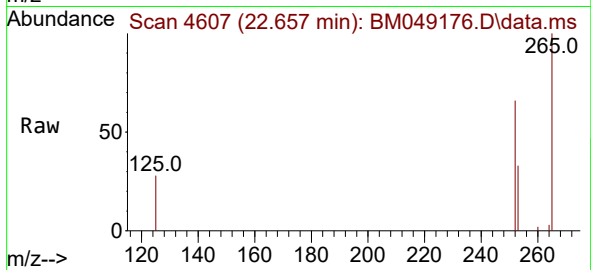
Tgt Ion:252 Resp: 5758

Ion Ratio Lower Upper

252 100

253 50.3 0.0 52.6

125 42.8 0.0 30.8#



#25

Benzo(k)fluoranthene

Concen: 0.075 ng/ul

RT: 22.657 min Scan# 4607

Delta R.T. -0.050 min

Lab File: BM049176.D

Acq: 24 Dec 2024 09:59

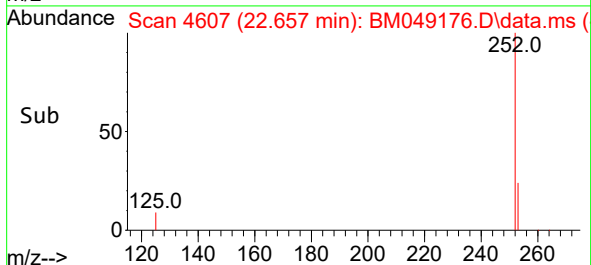
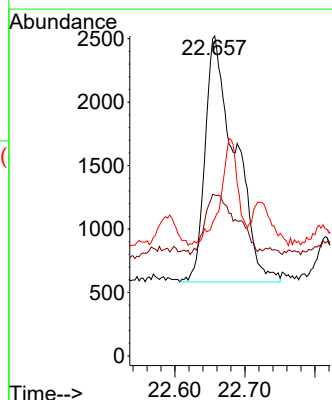
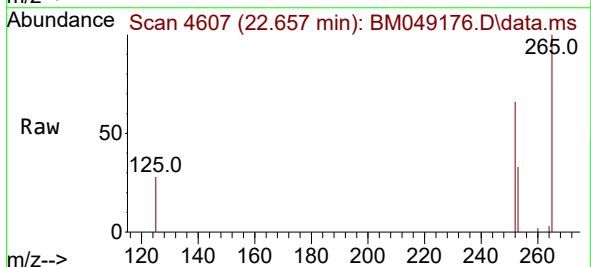
Tgt Ion:252 Resp: 5758

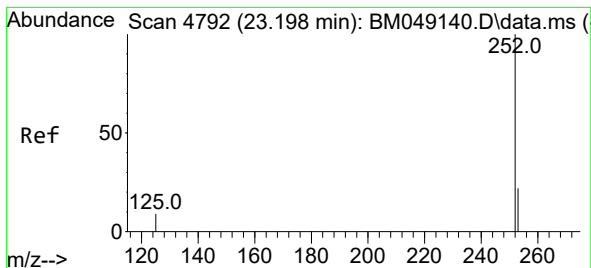
Ion Ratio Lower Upper

252 100

253 50.3 21.3 31.9#

125 42.8 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 0.034 ng/ul

RT: 23.198 min Scan# 4792

Delta R.T. -0.012 min

Lab File: BM049176.D

Acq: 24 Dec 2024 09:59

Instrument :

BNA\_M

ClientSampleId :

E2AQ1

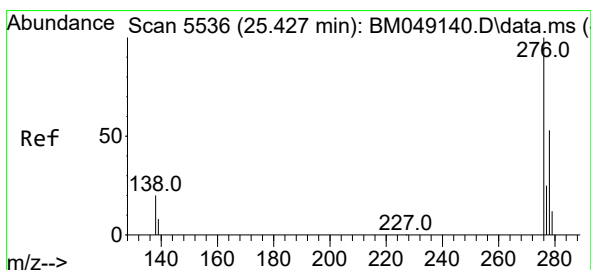
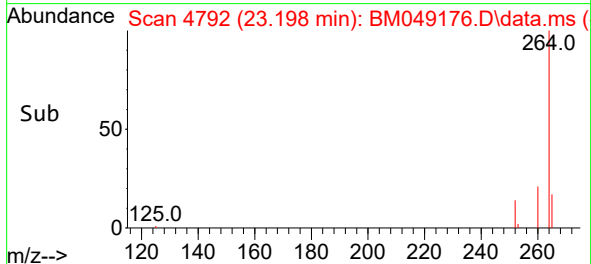
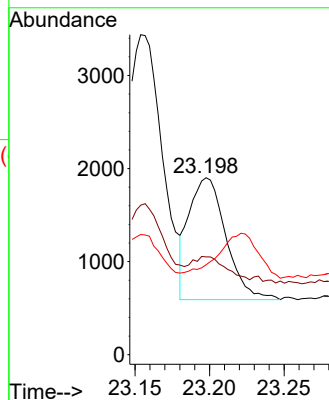
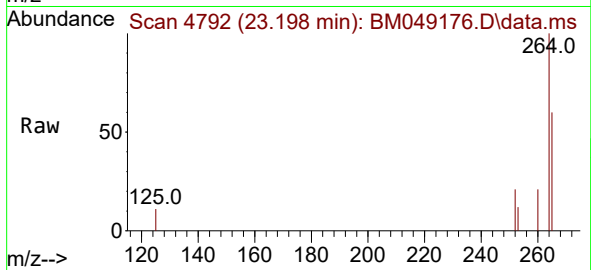
Tgt Ion:252 Resp: 2263

Ion Ratio Lower Upper

252 100

253 55.2 22.4 33.6#

125 50.9 14.8 22.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.021 ng/ul

RT: 25.427 min Scan# 5536

Delta R.T. -0.020 min

Lab File: BM049176.D

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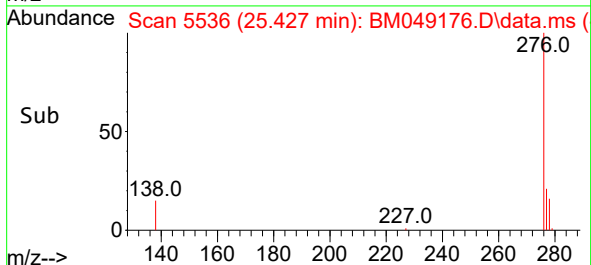
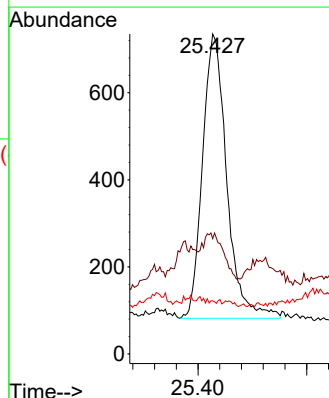
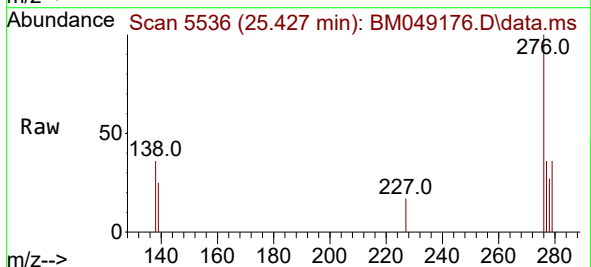
Tgt Ion:276 Resp: 2017

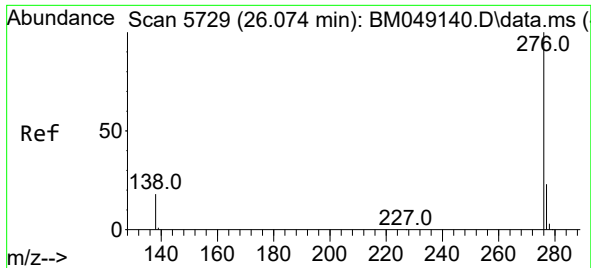
Ion Ratio Lower Upper

276 100

138 14.6 17.4 26.2#

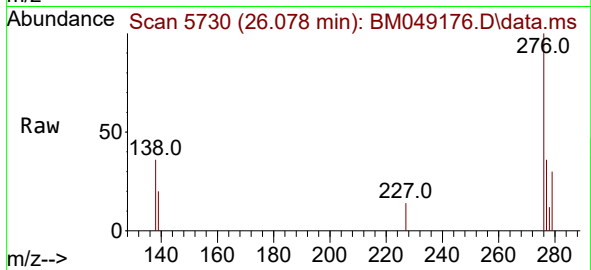
227 0.1 0.2 0.2#





#29  
 Benzo(g,h,i)perylene  
 Concen: 0.029 ng/ul  
 RT: 26.078 min Scan# 51  
 Delta R.T. -0.017 min  
 Lab File: BM049176.D  
 Acq: 24 Dec 2024 09:59

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E2AQ1



Tgt Ion:276 Resp: 2241  
 Ion Ratio Lower Upper  
 276 100  
 138 36.3 16.7 25.1#  
 277 36.3 19.9 29.9#

