

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060724\  
 Data File : BM045923.D  
 Acq On : 08 Jun 2024 19:17  
 Operator : MA/JU  
 Sample : P2640-09  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4C23

Quant Time: Jun 10 01:29:44 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM060624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 07 22:59:16 2024  
 Response via : Initial Calibration

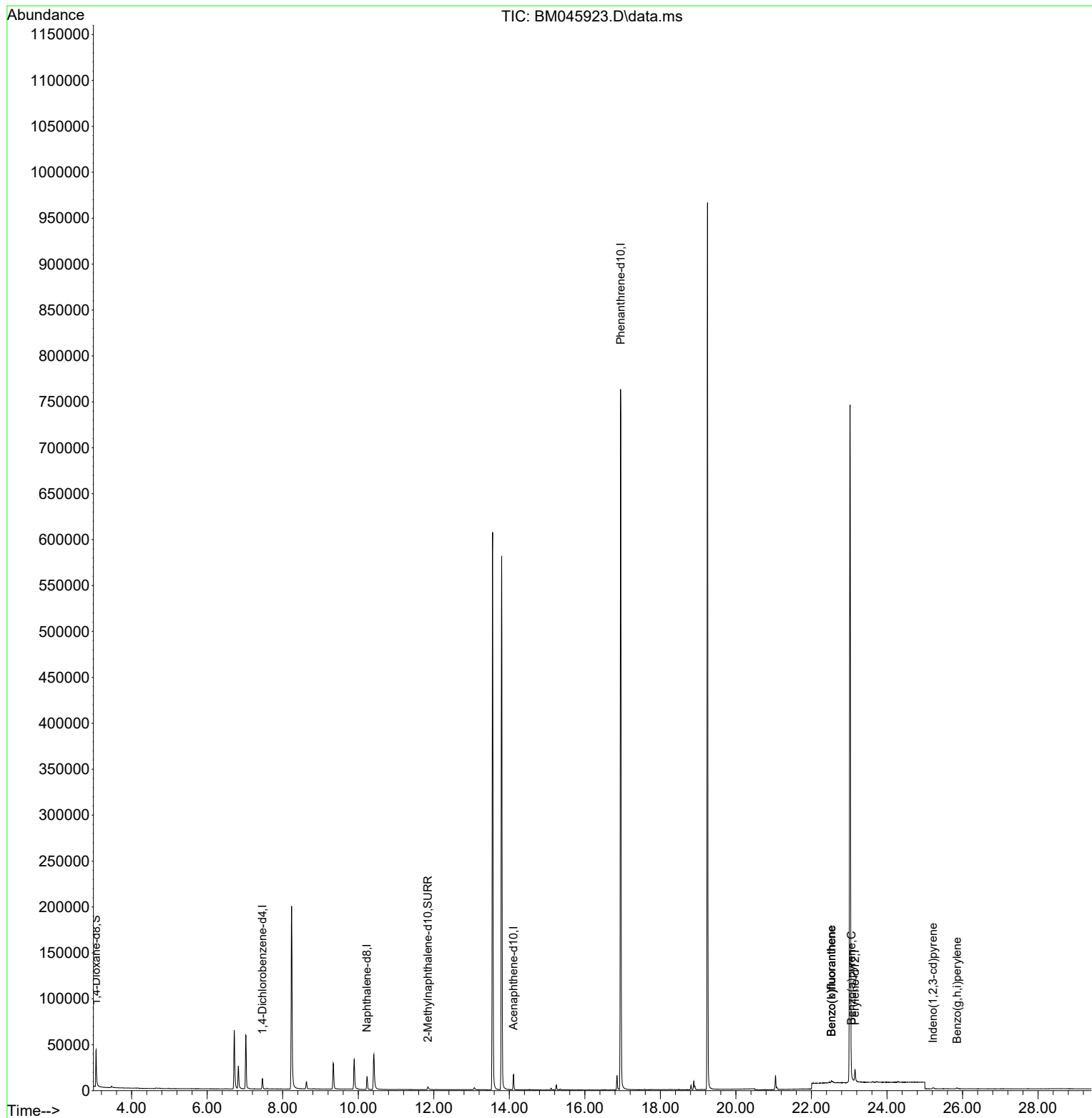
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.464  | 152  | 5887     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.231 | 136  | 18642    | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.112 | 164  | 9135     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.946 | 188  | 859845   | 0.400 | ng/ul  | 0.08     |
| 17) Chrysene-d12            | 0.000  | 240  | 0        | 0.000 | ng/ul  | -21.05   |
| 23) Perylene-d12            | 23.154 | 264  | 20468    | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.059  | 96   | 23768    | 3.545 | ng/ul  | -0.03    |
| 6) 2-Methylnaphthalene-d10  | 11.843 | 152  | 5465     | 0.204 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.885 | 212  | 10132    | 0.000 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 24) Benzo(b)fluoranthene    | 22.531 | 252  | 4428     | 0.065 | ng/ul# | 8        |
| 25) Benzo(k)fluoranthene    | 22.531 | 252  | 4428     | 0.059 | ng/ul# | 7        |
| 26) Benzo(a)pyrene          | 23.057 | 252  | 1578     | 0.023 | ng/ul# | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 25.223 | 276  | 1830     | 0.021 | ng/ul# | 50       |
| 29) Benzo(g,h,i)perylene    | 25.853 | 276  | 1880     | 0.025 | ng/ul# | 36       |
| -----                       |        |      |          |       |        |          |

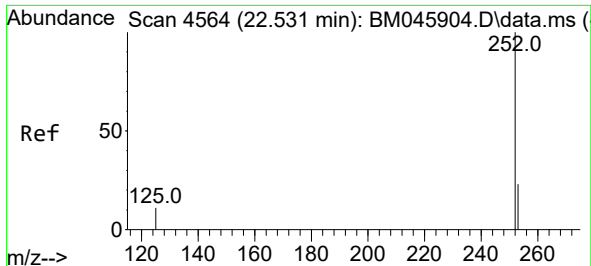
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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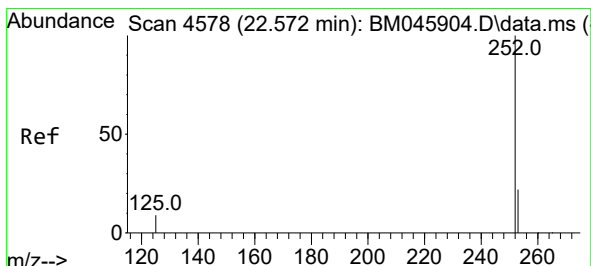
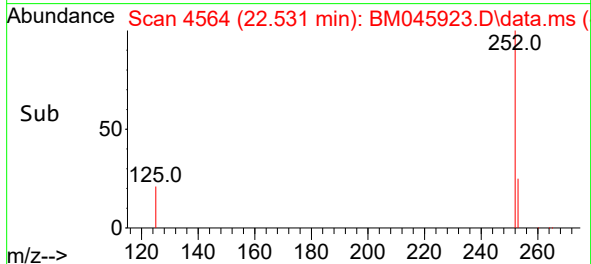
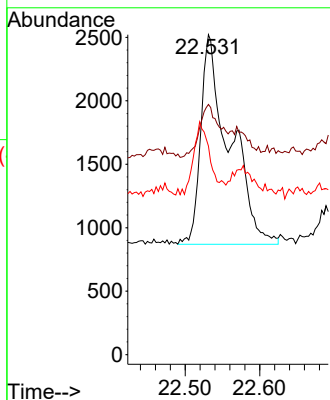
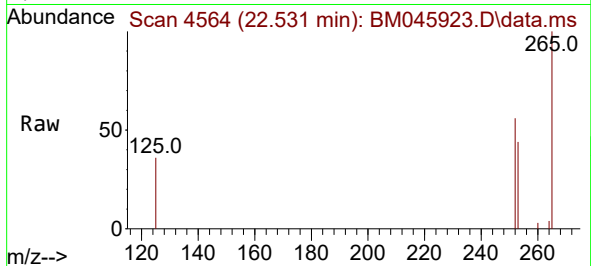




#24  
Benzo(b)fluoranthene  
Concen: 0.065 ng/ul  
RT: 22.531 min Scan# 4564  
Delta R.T. -0.006 min  
Lab File: BM045923.D  
Acq: 08 Jun 2024 19:17

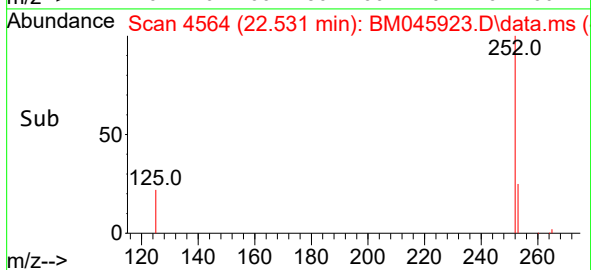
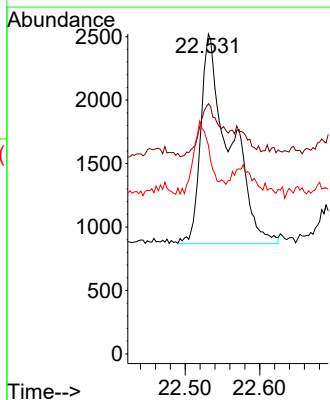
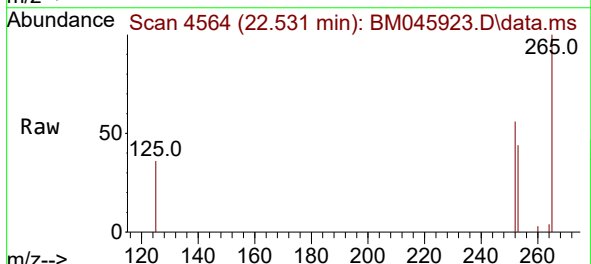
Instrument :  
BNA\_M  
ClientSampleId :  
A4C23

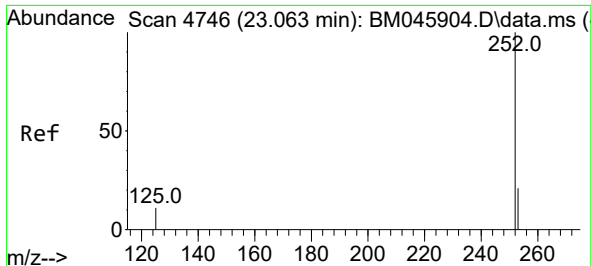
Tgt Ion:252 Resp: 4428  
Ion Ratio Lower Upper  
252 100  
253 78.2 0.0 63.6#  
125 65.2 0.0 35.8#



#25  
Benzo(k)fluoranthene  
Concen: 0.059 ng/ul  
RT: 22.531 min Scan# 4564  
Delta R.T. -0.050 min  
Lab File: BM045923.D  
Acq: 08 Jun 2024 19:17

Tgt Ion:252 Resp: 4428  
Ion Ratio Lower Upper  
252 100  
253 78.2 25.0 37.6#  
125 65.2 14.2 21.2#

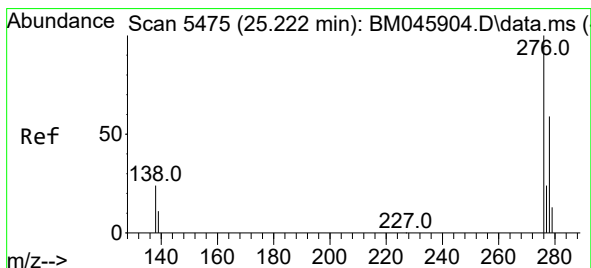
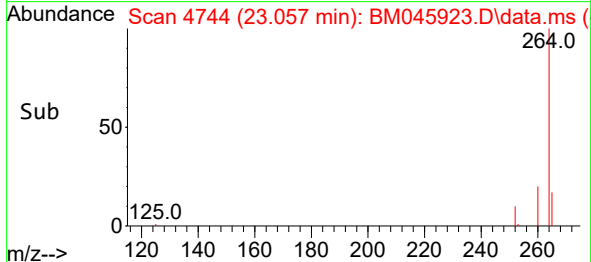
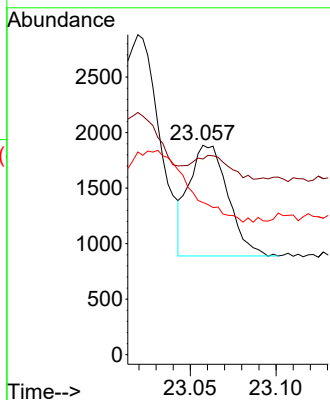
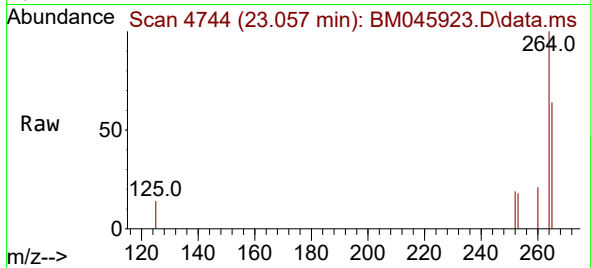




#26  
Benzo(a)pyrene  
Concen: 0.023 ng/ul  
RT: 23.057 min Scan# 4744  
Delta R.T. -0.015 min  
Lab File: BM045923.D  
Acq: 08 Jun 2024 19:17

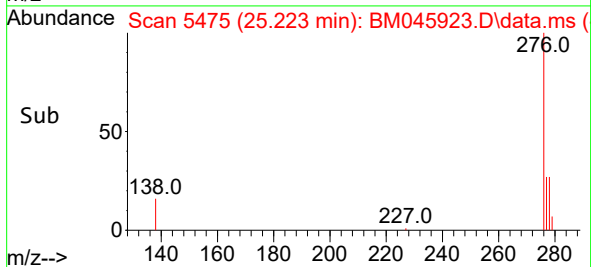
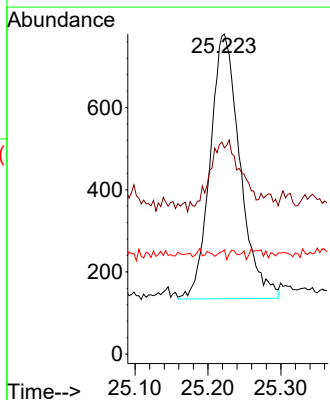
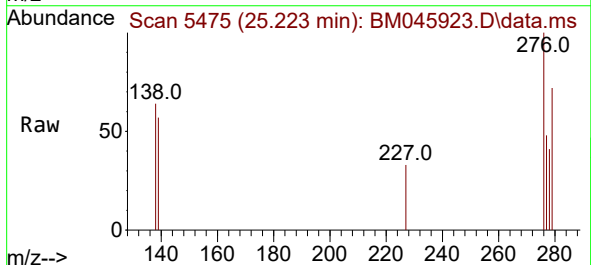
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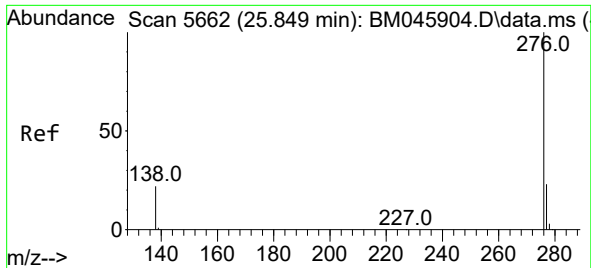
Tgt Ion:252 Resp: 1578  
Ion Ratio Lower Upper  
252 100  
253 93.4 28.8 43.2#  
125 72.6 17.3 25.9#



#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.021 ng/ul  
RT: 25.223 min Scan# 5475  
Delta R.T. -0.010 min  
Lab File: BM045923.D  
Acq: 08 Jun 2024 19:17

Tgt Ion:276 Resp: 1830  
Ion Ratio Lower Upper  
276 100  
138 0.0 20.7 31.1#  
227 0.8 0.2 0.2#





#29  
 Benzo(g,h,i)perylene  
 Concen: 0.025 ng/ul  
 RT: 25.853 min Scan# 50  
 Delta R.T. -0.010 min  
 Lab File: BM045923.D  
 Acq: 08 Jun 2024 19:17

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4C23

Tgt Ion:276 Resp: 1880  
 Ion Ratio Lower Upper  
 276 100  
 138 69.2 21.0 31.4#  
 277 47.4 20.5 30.7#

