

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081523\  
 Data File : BN026914.D  
 Acq On : 15 Aug 2023 23:44  
 Operator : MA/JU  
 Sample : 03965-14  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A48K6

Quant Time: Aug 16 00:55:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN080323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 16 00:50:05 2023  
 Response via : Initial Calibration

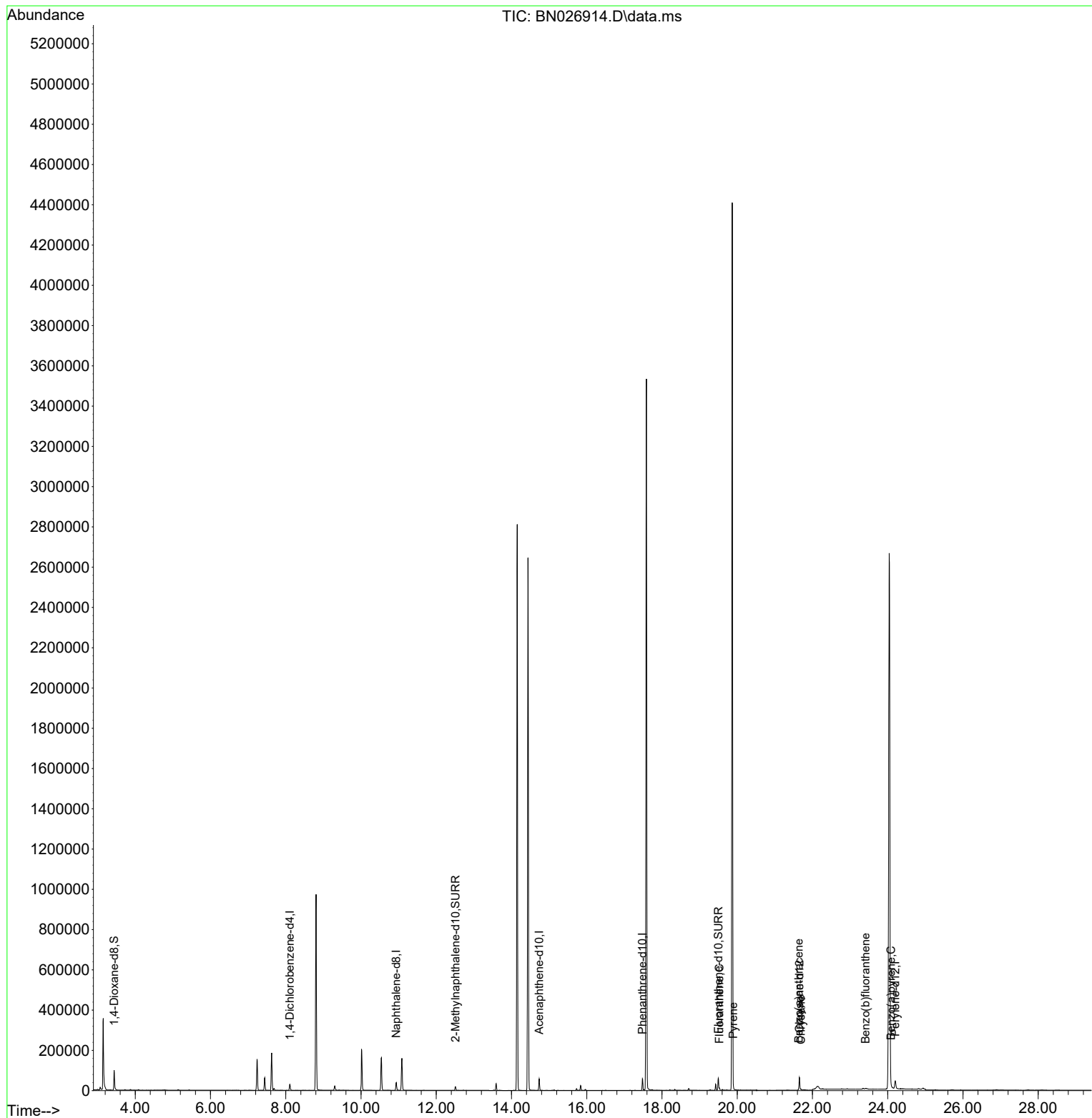
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.109  | 152  | 15307    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.938 | 136  | 52690    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.735 | 164  | 31264    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.481 | 188  | 67811    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.653 | 240  | 58981    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.202 | 264  | 60357    | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.439  | 96   | 68676    | 3.779 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.511 | 152  | 24319    | 0.314 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.497 | 212  | 62730    | 0.337 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 19) Fluoranthene            | 19.529 | 202  | 10124    | 0.041 | ng/ul# | 90       |
| 20) Pyrene                  | 19.896 | 202  | 8328     | 0.032 | ng/ul# | 93       |
| 21) Benzo(a)anthracene      | 21.635 | 228  | 5877     | 0.025 | ng/ul# | 81       |
| 22) Chrysene                | 21.691 | 228  | 5070     | 0.022 | ng/ul# | 83       |
| 24) Benzo(b)fluoranthene    | 23.410 | 252  | 10626    | 0.047 | ng/ul# | 28       |
| 26) Benzo(a)pyrene          | 24.091 | 252  | 4467     | 0.022 | ng/ul# | 26       |
| -----                       |        |      |          |       |        |          |

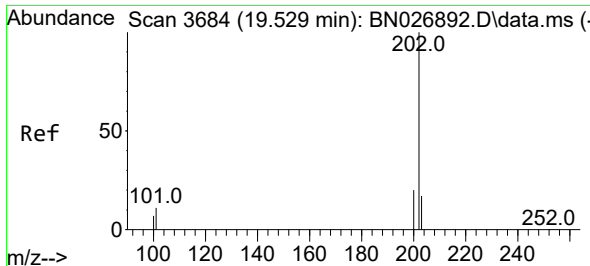
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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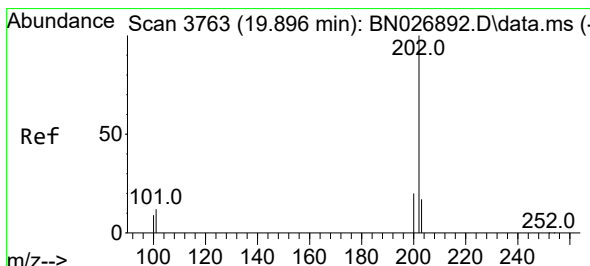
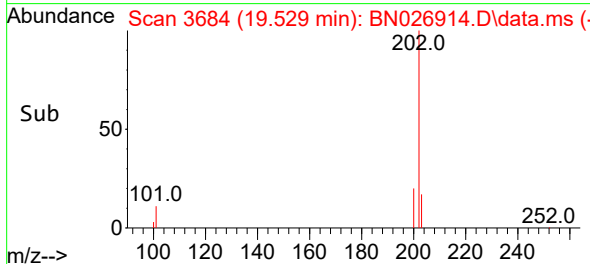
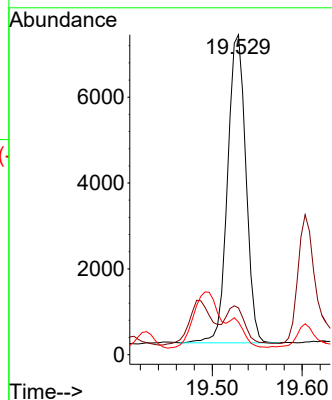
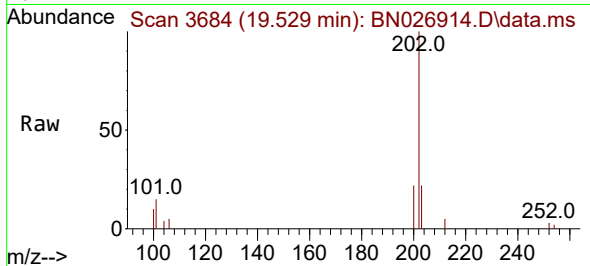




#19  
Fluoranthene  
Concen: 0.041 ng/ul  
RT: 19.529 min Scan# 3684  
Delta R.T. -0.000 min  
Lab File: BN026914.D  
Acq: 15 Aug 2023 23:44

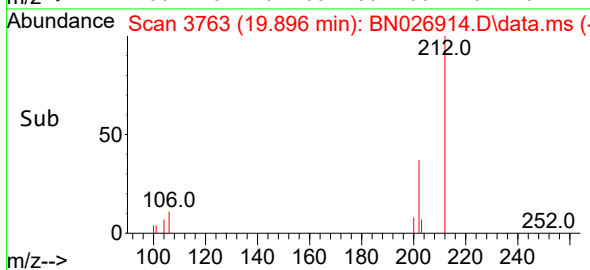
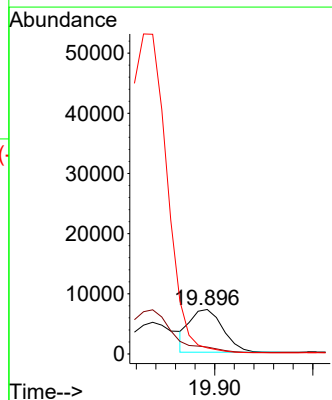
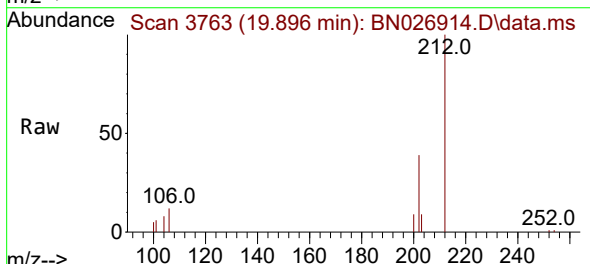
Instrument :  
BNA\_N  
ClientSampleId :  
A48K6

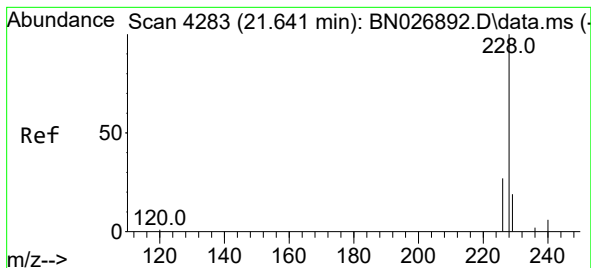
Tgt Ion:202 Resp: 10124  
Ion Ratio Lower Upper  
202 100  
101 14.7 8.3 12.5#  
100 10.2 6.2 9.2#



#20  
Pyrene  
Concen: 0.032 ng/ul  
RT: 19.896 min Scan# 3763  
Delta R.T. -0.000 min  
Lab File: BN026914.D  
Acq: 15 Aug 2023 23:44

Tgt Ion:202 Resp: 8328  
Ion Ratio Lower Upper  
202 100  
101 15.6 10.7 16.1  
100 13.6 8.5 12.7#





#21

Benzo(a)anthracene

Concen: 0.025 ng/ul

RT: 21.635 min Scan# 4300

Delta R.T. -0.006 min

Lab File: BN026914.D

Acq: 15 Aug 2023 23:44

Instrument :

BNA\_N

ClientSampleId :

A48K6

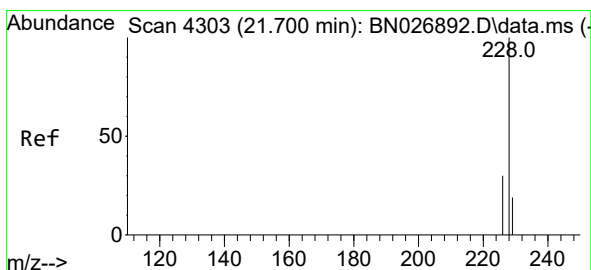
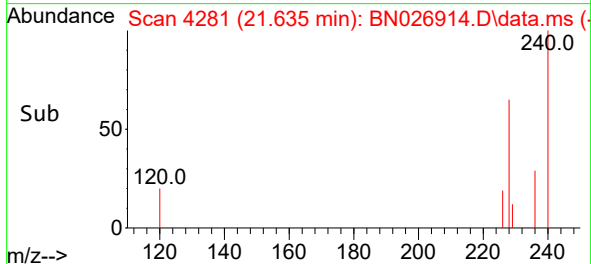
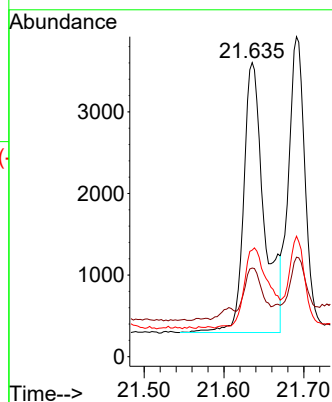
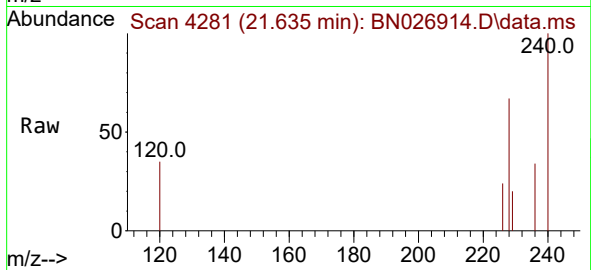
Tgt Ion:228 Resp: 5877

Ion Ratio Lower Upper

228 100

229 30.1 16.0 24.0#

226 36.2 22.2 33.2#



#22

Chrysene

Concen: 0.022 ng/ul

RT: 21.691 min Scan# 4300

Delta R.T. -0.009 min

Lab File: BN026914.D

Acq: 15 Aug 2023 23:44

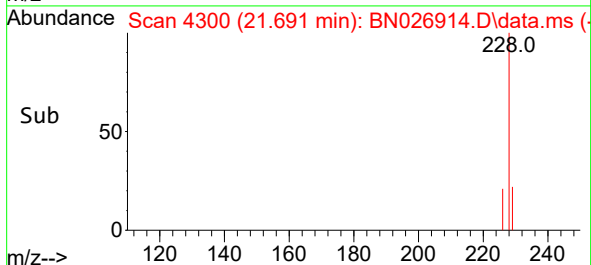
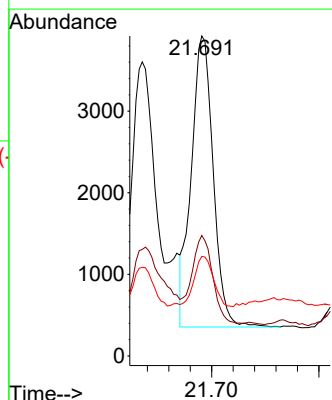
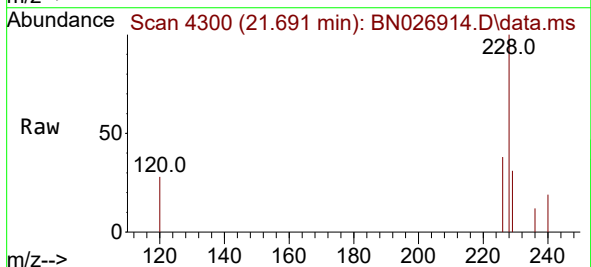
Tgt Ion:228 Resp: 5070

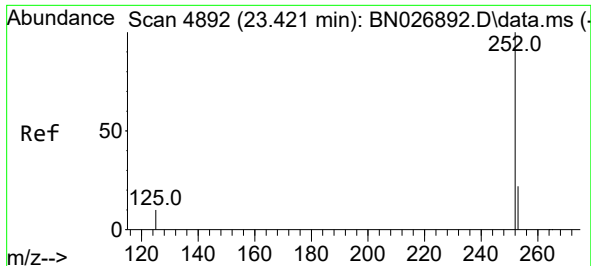
Ion Ratio Lower Upper

228 100

226 37.7 24.6 36.8#

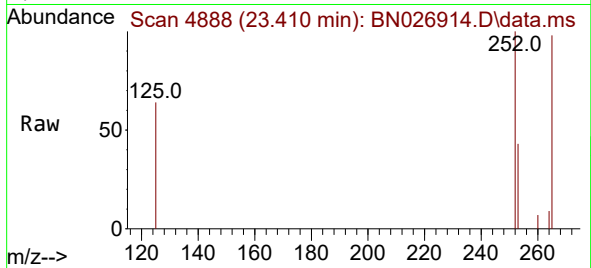
229 31.1 15.8 23.6#



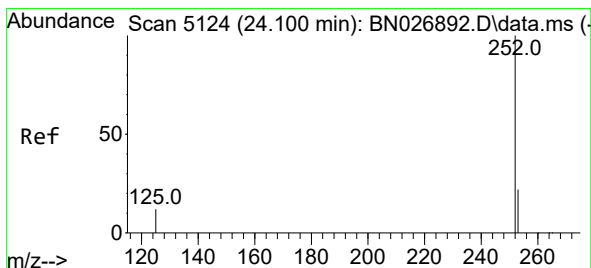
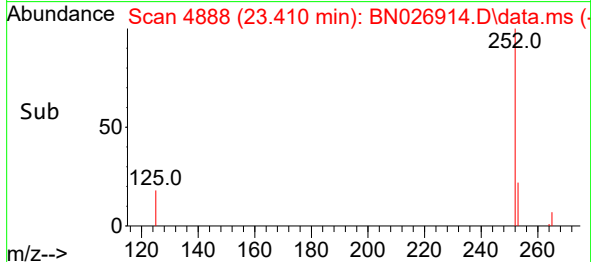
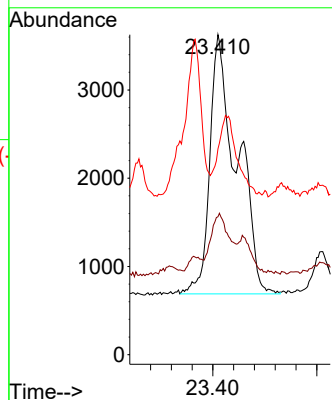


#24  
Benzo(b)fluoranthene  
Concen: 0.047 ng/ul  
RT: 23.410 min Scan# 4888  
Delta R.T. -0.012 min  
Lab File: BN026914.D  
Acq: 15 Aug 2023 23:44

Instrument :  
BNA\_N  
ClientSampleId :  
A48K6



Tgt Ion:252 Resp: 10626  
Ion Ratio Lower Upper  
252 100  
253 43.1 0.0 46.8  
125 64.3 0.0 25.2#



#26  
Benzo(a)pyrene  
Concen: 0.022 ng/ul  
RT: 24.091 min Scan# 5121  
Delta R.T. -0.009 min  
Lab File: BN026914.D  
Acq: 15 Aug 2023 23:44

Tgt Ion:252 Resp: 4467  
Ion Ratio Lower Upper  
252 100  
253 46.6 19.0 28.6#  
125 63.1 11.4 17.0#

