

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061323\  
 Data File : BN025817.D  
 Acq On : 13 Jun 2023 22:12  
 Operator : MA/JU  
 Sample : 02950-11  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EW989

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023  
 Supervised By :mohammad ahmed 06/14/2023

Quant Time: Jun 13 23:50:00 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 10 02:01:49 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.001  | 152  | 7676     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.814 | 136  | 24027    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.640 | 164  | 14503    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.385 | 188  | 30119    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.558 | 240  | 15794    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.037 | 264  | 15418    | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.348  | 96   | 31341    | 4.153 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.404 | 152  | 9064     | 0.297 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.405 | 212  | 20113    | 0.404 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.423 | 178  | 3453     | 0.039 | ng/ul# | 86       |
| 19) Fluoranthene            | 19.433 | 202  | 3622     | 0.050 | ng/ul# | 83       |
| 22) Chrysene                | 21.596 | 228  | 2576m    | 0.045 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.280 | 252  | 1281m    | 0.020 | ng/ul  |          |
| -----                       |        |      |          |       |        |          |

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

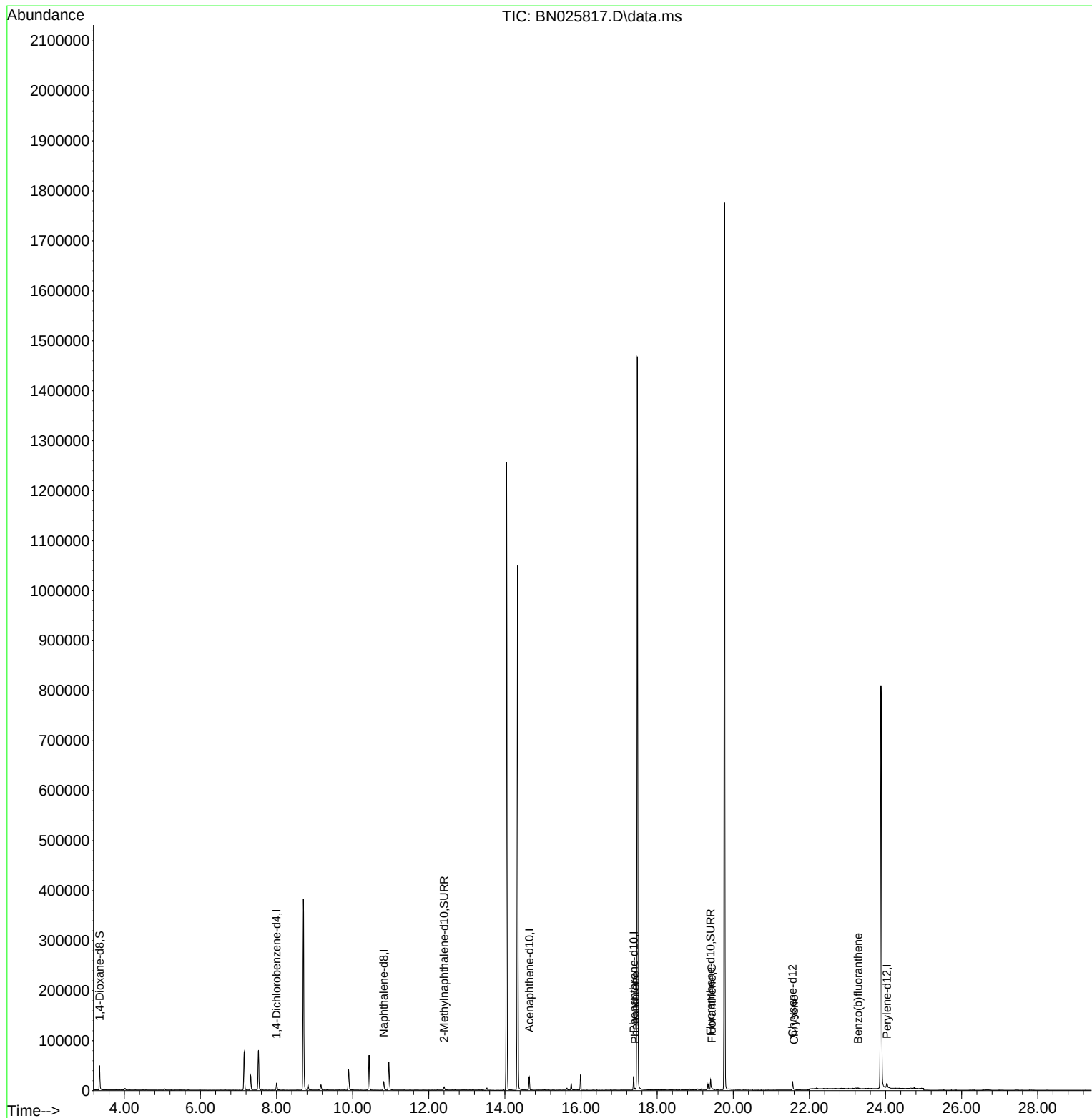
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061323\  
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ALS Vial : 22 Sample Multiplier: 1

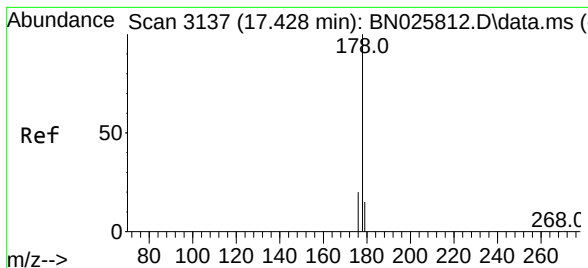
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Response via : Initial Calibration





#15

Phenanthrene

Concen: 0.039 ng/u1

RT: 17.423 min Scan# 3137

Delta R.T. -0.008 min

Lab File: BN025817.D

Acq: 13 Jun 2023 22:12

Instrument :

BNA\_N

ClientSampleId :

EW989

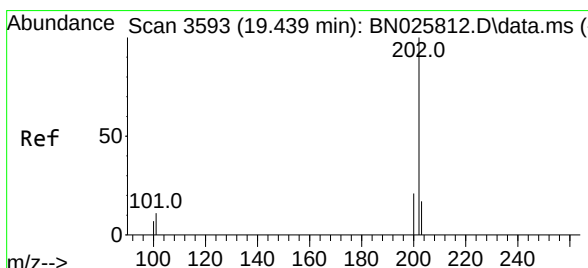
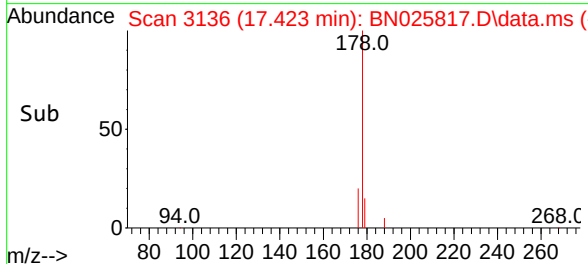
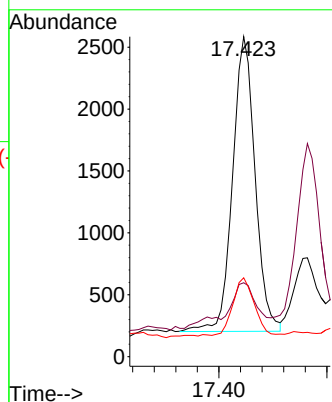
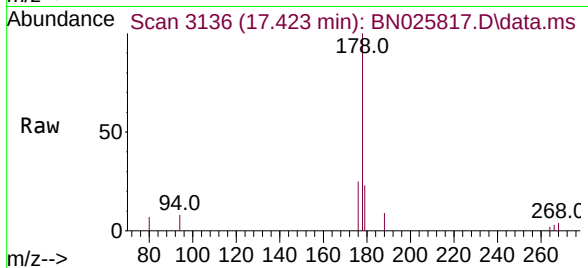
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 345       |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 179         | 23.1  | 12.6 18.8 |
| 176         | 24.6  | 15.8 23.8 |

Manual Integrations

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#19

Fluoranthene

Concen: 0.050 ng/u1

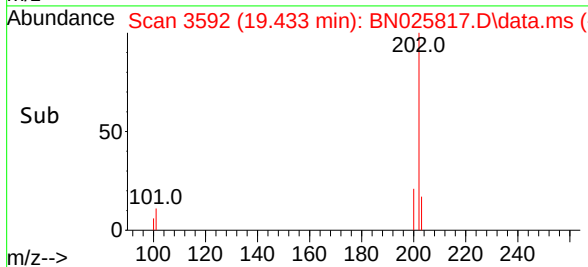
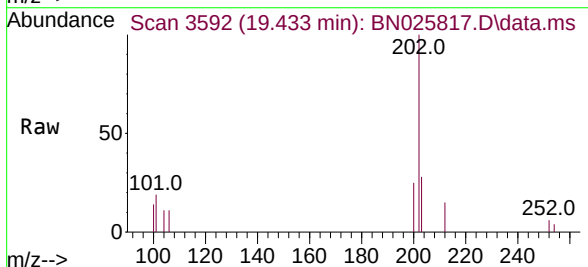
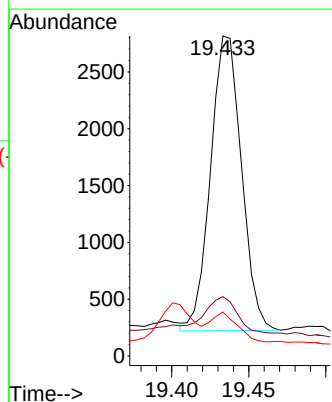
RT: 19.433 min Scan# 3592

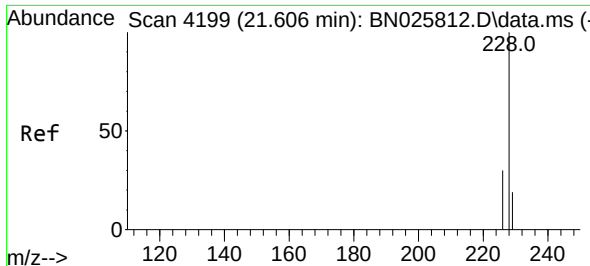
Delta R.T. -0.009 min

Lab File: BN025817.D

Acq: 13 Jun 2023 22:12

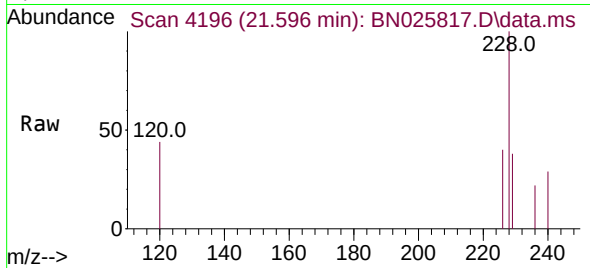
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:202 | Resp: | 3622     |
| Ion Ratio   | Lower | Upper    |
| 202         | 100   |          |
| 101         | 18.6  | 9.1 13.7 |
| 100         | 13.8  | 7.0 10.6 |





#22  
Chrysene  
Concen: 0.045 ng/ul m  
RT: 21.596 min Scan# 4199  
Delta R.T. -0.012 min  
Lab File: BN025817.D  
Acq: 13 Jun 2023 22:12

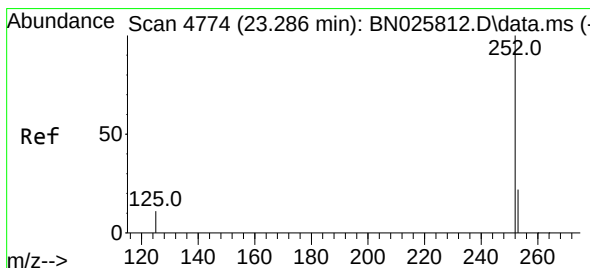
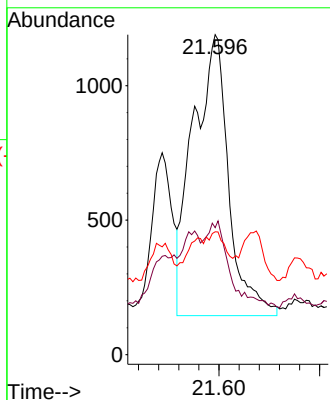
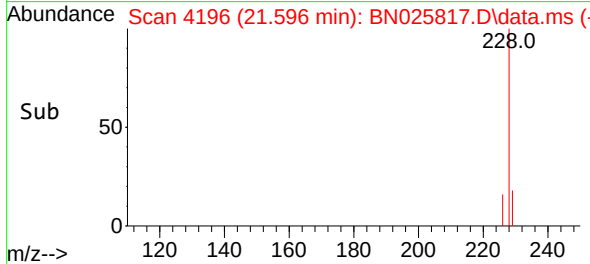
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Tgt Ion:228 Resp: 2570  
Ion Ratio Lower Upper  
228 100  
226 39.7 24.7 37.1#  
229 38.4 15.7 23.5#

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#24  
Benzo(b)fluoranthene  
Concen: 0.020 ng/ul m  
RT: 23.280 min Scan# 4772  
Delta R.T. -0.011 min  
Lab File: BN025817.D  
Acq: 13 Jun 2023 22:12

Tgt Ion:252 Resp: 1281  
Ion Ratio Lower Upper  
252 100  
253 122.3 0.0 56.0#  
125 84.6 0.0 28.0#

