

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\  
 Data File : BM021864.D  
 Acq On : 06 Aug 2019 18:41  
 Operator : HP/JU  
 Sample : K3863-17  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A52H9

Manual Integrations  
 APPROVED

mohammad  
 8/6/2019 10:22:12 PM

Quant Time: Aug 06 19:30:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 06 01:29:26 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 744      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.41 | 136  | 3195     | 0.40   | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.28 | 164  | 1804     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.04 | 188  | 4236m    | 0.40   | ng/ul  | -0.01    |
| 16) Chrysene-d12            | 21.25 | 240  | 3689m    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.46 | 264  | 3632m    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 1313     | 0.25   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.07 | 212  | 3366m    | 0.24   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 15) Fluoranthene            | 19.10 | 202  | 1138m    | 0.069  | ng/ul  |          |
| 17) Pyrene                  | 19.47 | 202  | 1096     | 0.072  | ng/ul# | 71       |
| 18) Benzo(a)anthracene      | 21.23 | 228  | 397      | 0.030  | ng/ul# | 66       |
| 19) Chrysene                | 21.28 | 228  | 731      | 0.043  | ng/ul# | 80       |

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

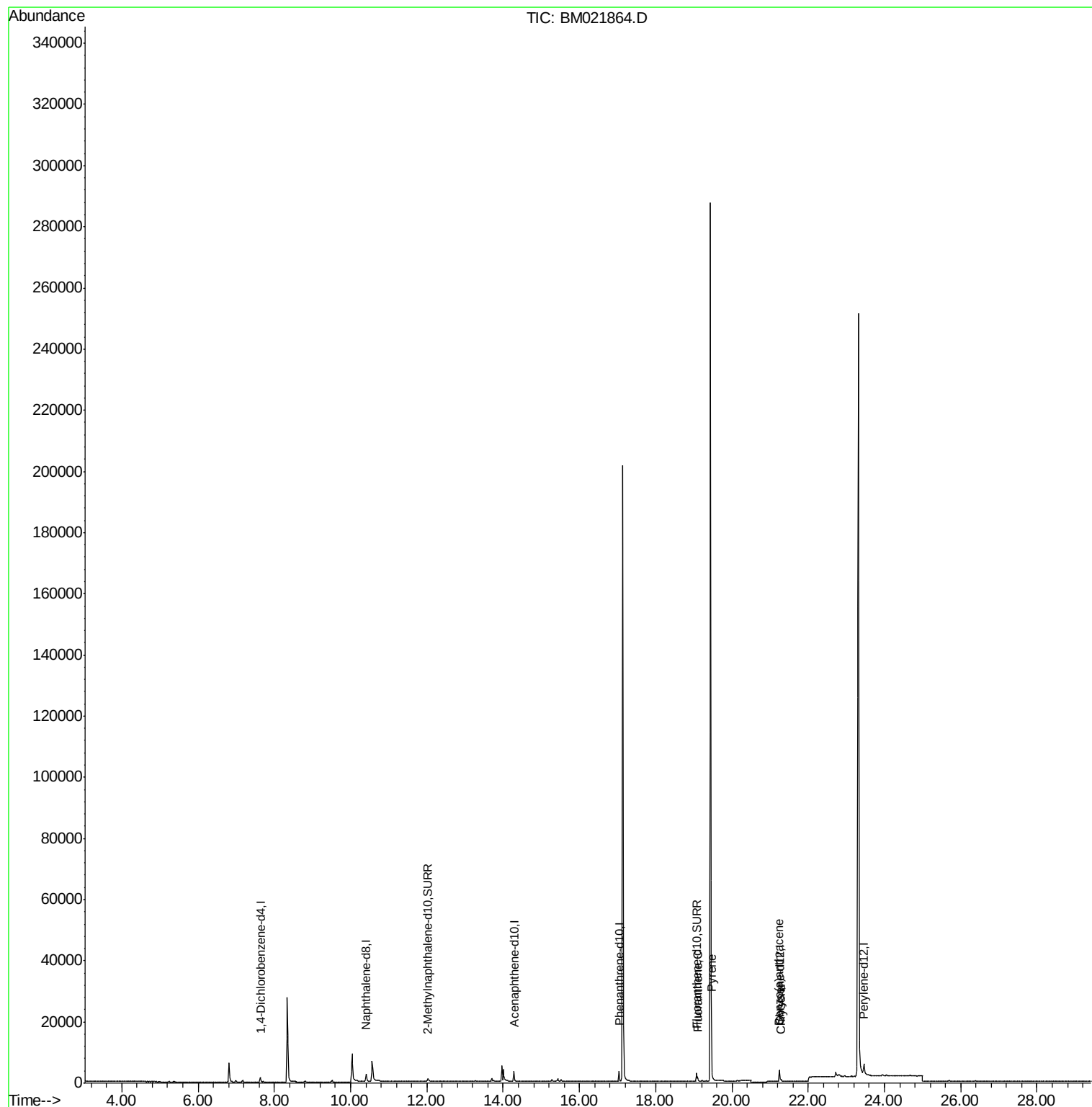
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\  
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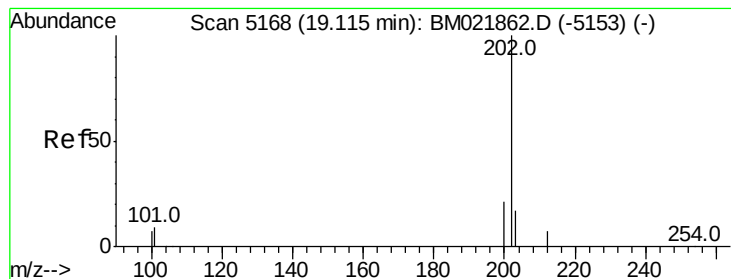
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#15

Fluoranthene

Concen: 0.069 ng/ul m

RT: 19.10 min Scan# 5165

Delta R.T. -0.01 min

Lab File: BM021864.D

Acq: 06 Aug 2019 18:41

Instrument :

BNA\_M

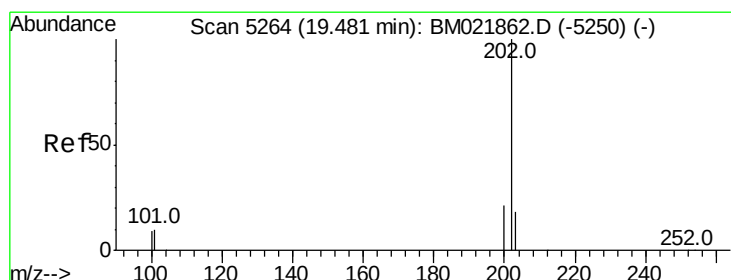
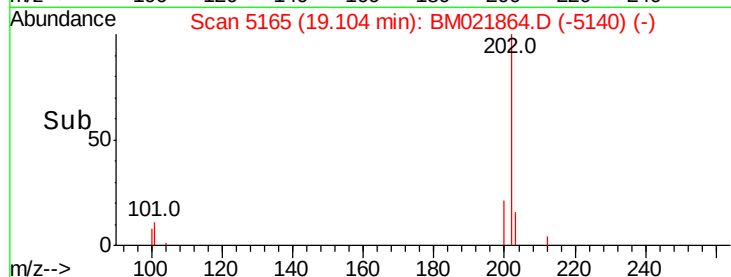
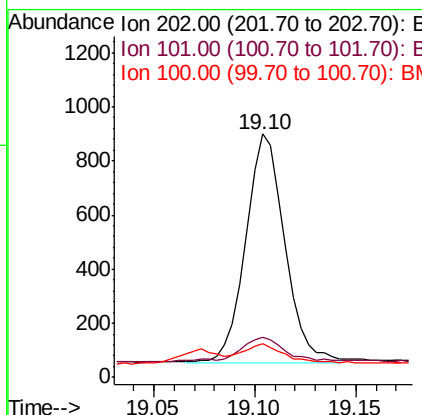
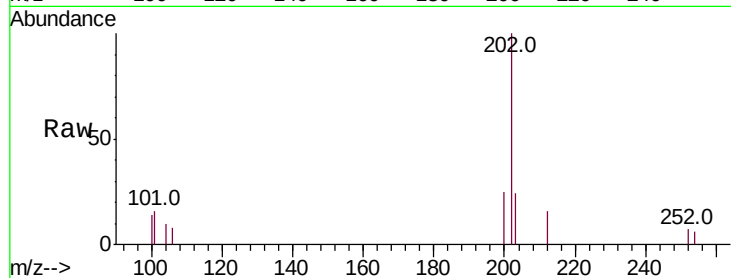
ClientSampleId :

A52H9

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 202   | Resp: | 1138 |
| Ion Ratio | Lower | Upper |      |
| 202       | 100   |       |      |
| 101       | 16.4  | 0.0   | 30.2 |
| 100       | 13.9  | 0.0   | 28.1 |

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#17

Pyrene

Concen: 0.072 ng/ul

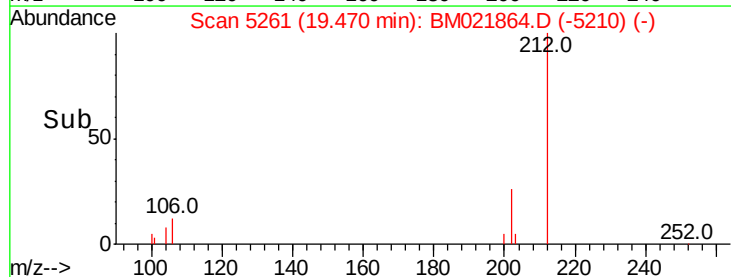
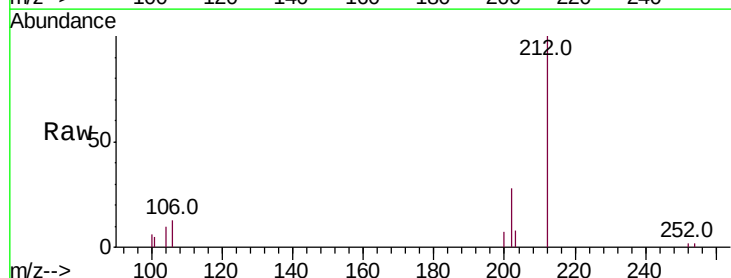
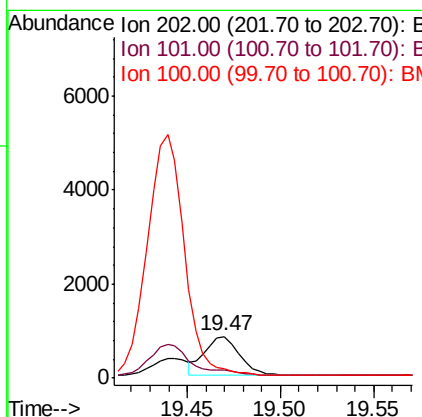
RT: 19.47 min Scan# 5261

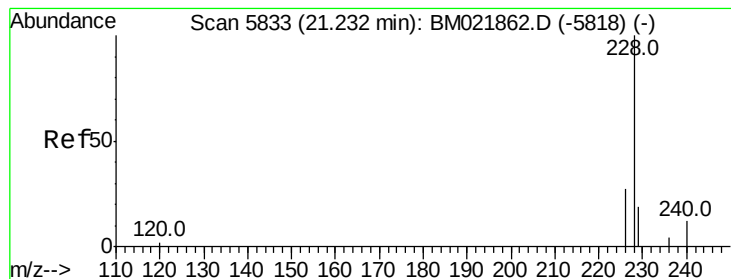
Delta R.T. -0.01 min

Lab File: BM021864.D

Acq: 06 Aug 2019 18:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 1096  |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 18.7  | 8.3   | 12.5# |
| 100       | 22.4  | 7.2   | 10.8# |





#18

Benzo(a)anthracene

Concen: 0.030 ng/ul

RT: 21.23 min Scan# 5834

Delta R.T. 0.01 min

Lab File: BM021864.D

Acq: 06 Aug 2019 18:41

Instrument :

BNA\_M

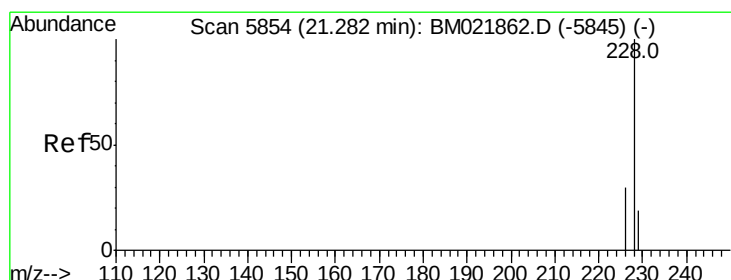
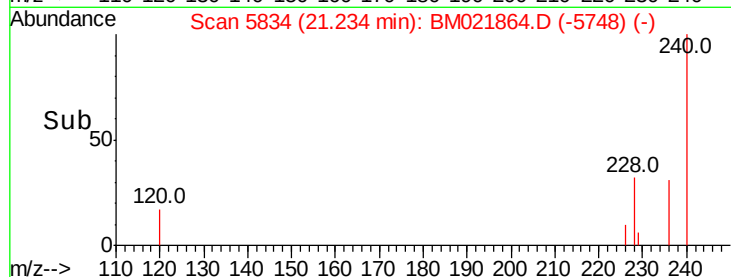
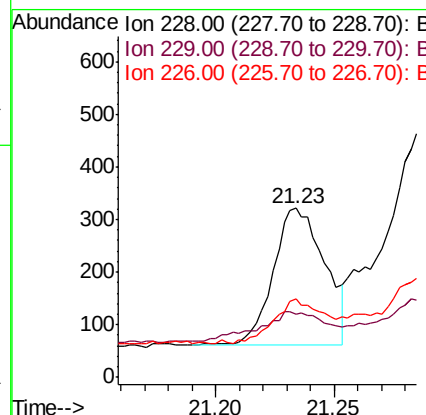
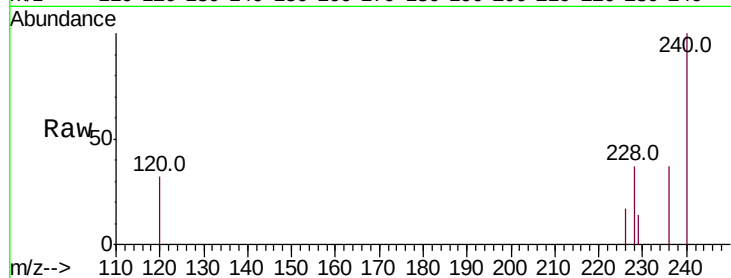
ClientSampleId :

A52H9

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 228   | Resp: | 397   |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 229       | 37.1  | 17.2  | 25.8# |
| 226       | 46.4  | 22.6  | 34.0# |

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#19

Chrysene

Concen: 0.043 ng/ul

RT: 21.28 min Scan# 5855

Delta R.T. 0.01 min

Lab File: BM021864.D

Acq: 06 Aug 2019 18:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 731   |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 40.6  | 24.9  | 37.3# |
| 229       | 31.7  | 16.6  | 25.0# |

