

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\  
 Data File : BM025179.D  
 Acq On : 29 Feb 2020 21:40  
 Operator : CG/JU  
 Sample : L1542-20  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBD54

Manual Integrations  
 APPROVED

Sohil  
 3/3/2020 8:39:51 AM

Quant Time: Mar 02 03:09:02 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 02 02:08:15 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.69  | 152  | 2294     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.46 | 136  | 8803     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.31 | 164  | 5672     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 12771m   | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.23 | 240  | 13416    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.43 | 264  | 15493    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.05 | 152  | 5007     | 0.30  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.08 | 212  | 12415    | 0.28  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 12) Phenanthrene            | 17.09 | 178  | 1045     | 0.023 | ng/ul# | 83       |
| 15) Fluoranthene            | 19.11 | 202  | 2152     | 0.033 | ng/ul  | 92       |
| 17) Pyrene                  | 19.47 | 202  | 2835     | 0.047 | ng/ul# | 95       |

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

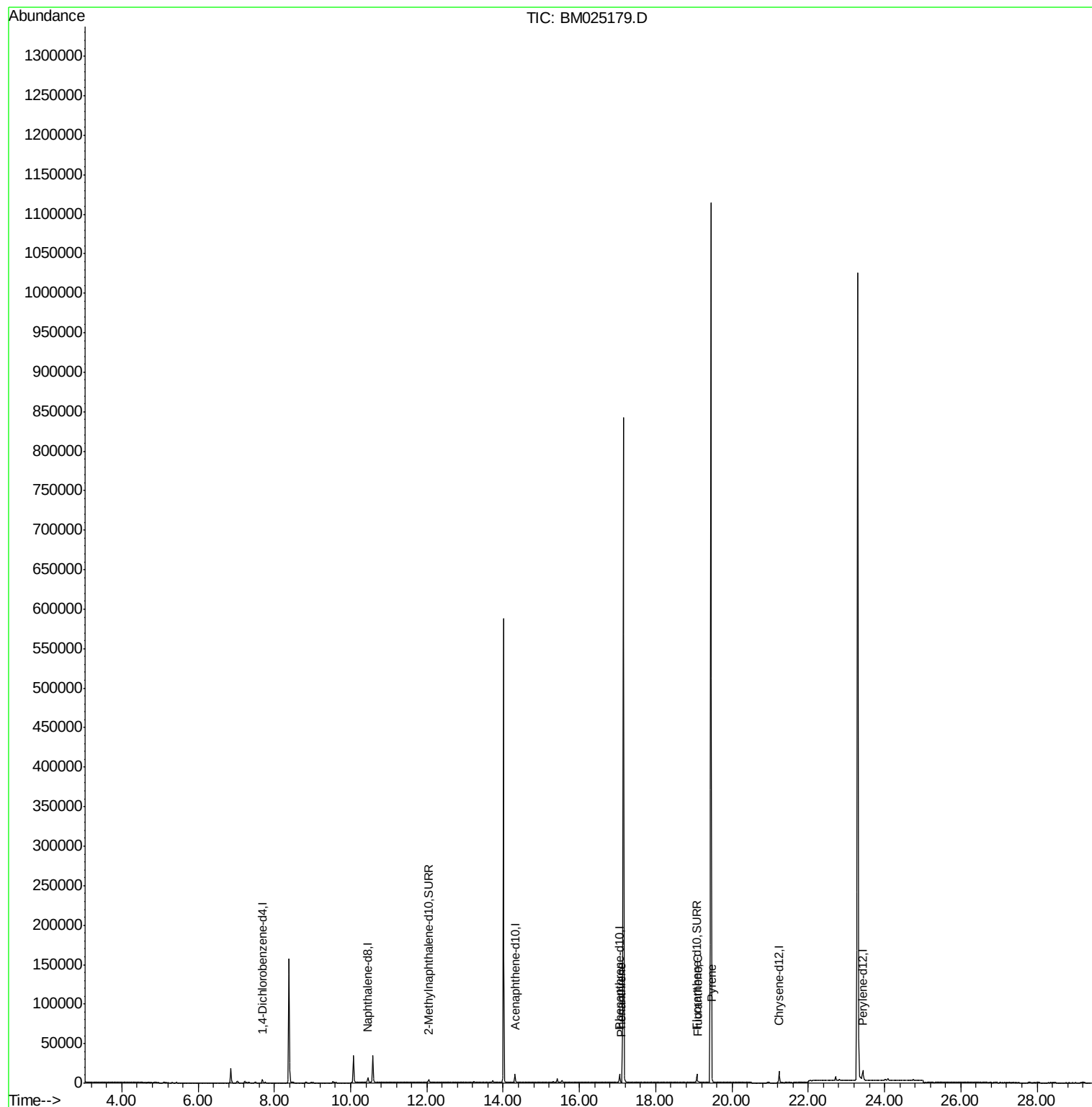
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\  
Data File : BM025179.D  
Acq On : 29 Feb 2020 21:40  
Operator : CG/JU  
Sample : L1542-20  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

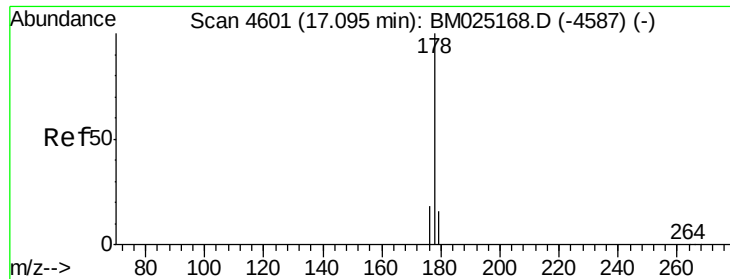
Instrument :  
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Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.023 ng/ul

RT: 17.09 min Scan# 4601

Delta R.T. -0.00 min

Lab File: BM025179.D

Acq: 29 Feb 2020 21:40

Instrument :

BNA\_M

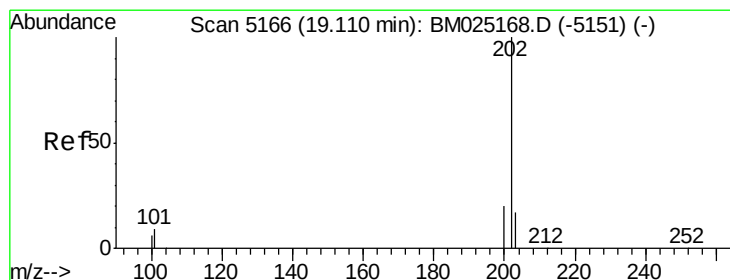
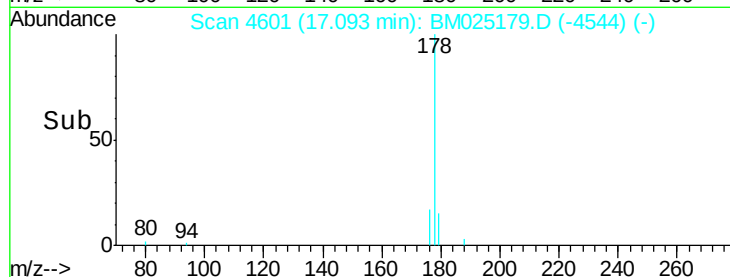
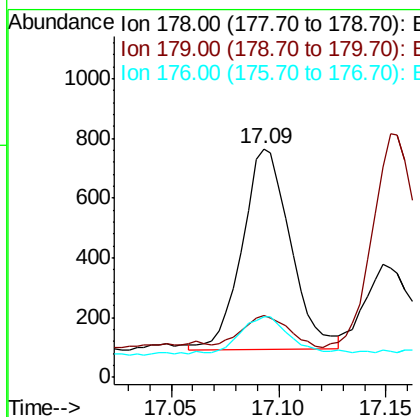
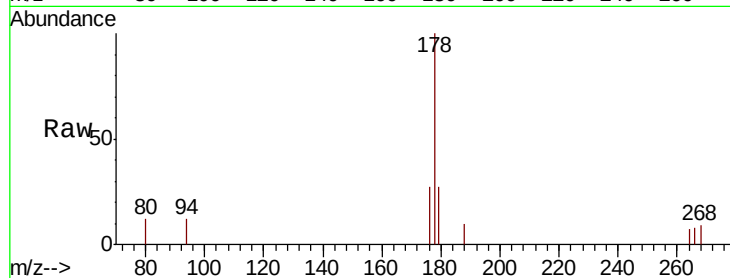
ClientSampled :

DBD54

|             |       |            |
|-------------|-------|------------|
| Tot Ion:178 | Resp: | 1045       |
| Ion Ratio   | Lower | Upper      |
| 178         | 100   |            |
| 179         | 27.3  | 14.0 21.0# |
| 176         | 26.7  | 16.6 24.8# |

Manual Integrations  
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#15

Fluoranthene

Concen: 0.033 ng/ul

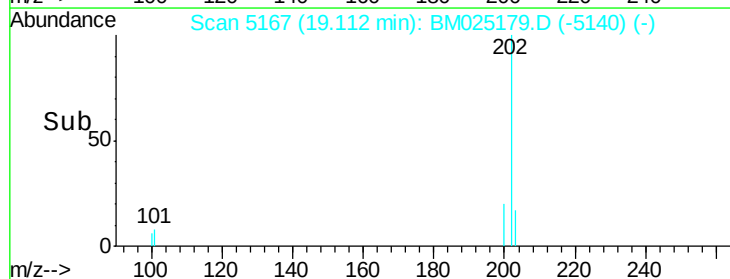
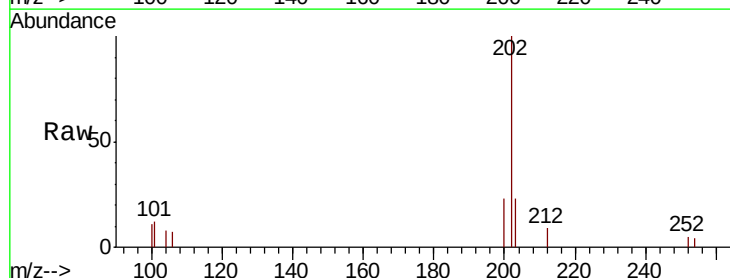
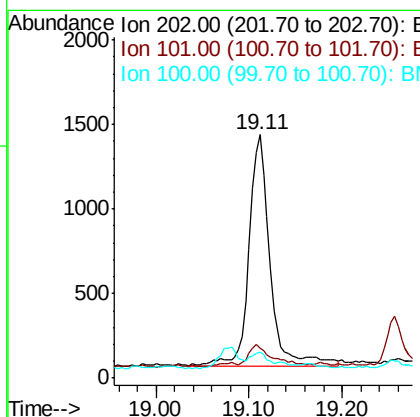
RT: 19.11 min Scan# 5167

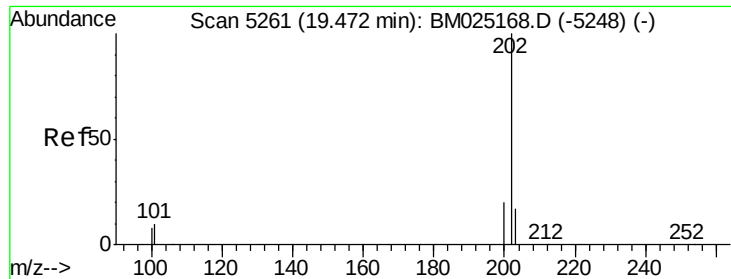
Delta R.T. 0.00 min

Lab File: BM025179.D

Acq: 29 Feb 2020 21:40

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:202 | Resp: | 2152     |
| Ion Ratio   | Lower | Upper    |
| 202         | 100   |          |
| 101         | 12.4  | 0.0 29.4 |
| 100         | 10.6  | 0.0 28.0 |





#17  
 Pvrene  
 Concen: 0.047 ng/ul  
 RT: 19.47 min Scan# 5262  
 Delta R.T. 0.00 min  
 Lab File: BM025179.D  
 Acq: 29 Feb 2020 21:40

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBD54

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 12.3  | 8.7        | 13.1       |
| 100     | 11.6  | 7.3        | 10.9       |

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