

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\  
 Data File : BM025181.D  
 Acq On : 29 Feb 2020 22:53  
 Operator : CG/JU  
 Sample : L1542-22  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBD56

Manual Integrations  
 APPROVED

Sohil  
 3/3/2020 8:39:53 AM

Quant Time: Mar 02 03:11:22 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   | 7.68  | 152  | 2431     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.45 | 136  | 9409     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.31 | 164  | 6006     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 13511m   | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.24 | 240  | 14025    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.43 | 264  | 15972    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.05 | 152  | 5495     | 0.31  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.08 | 212  | 14169    | 0.31  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 12) Phenanthrene            | 17.09 | 178  | 980      | 0.021 | ng/ul# | 81       |
| 15) Fluoranthene            | 19.11 | 202  | 2029     | 0.029 | ng/ul  | 93       |
| 17) Pyrene                  | 19.47 | 202  | 2920     | 0.046 | ng/ul# | 90       |

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

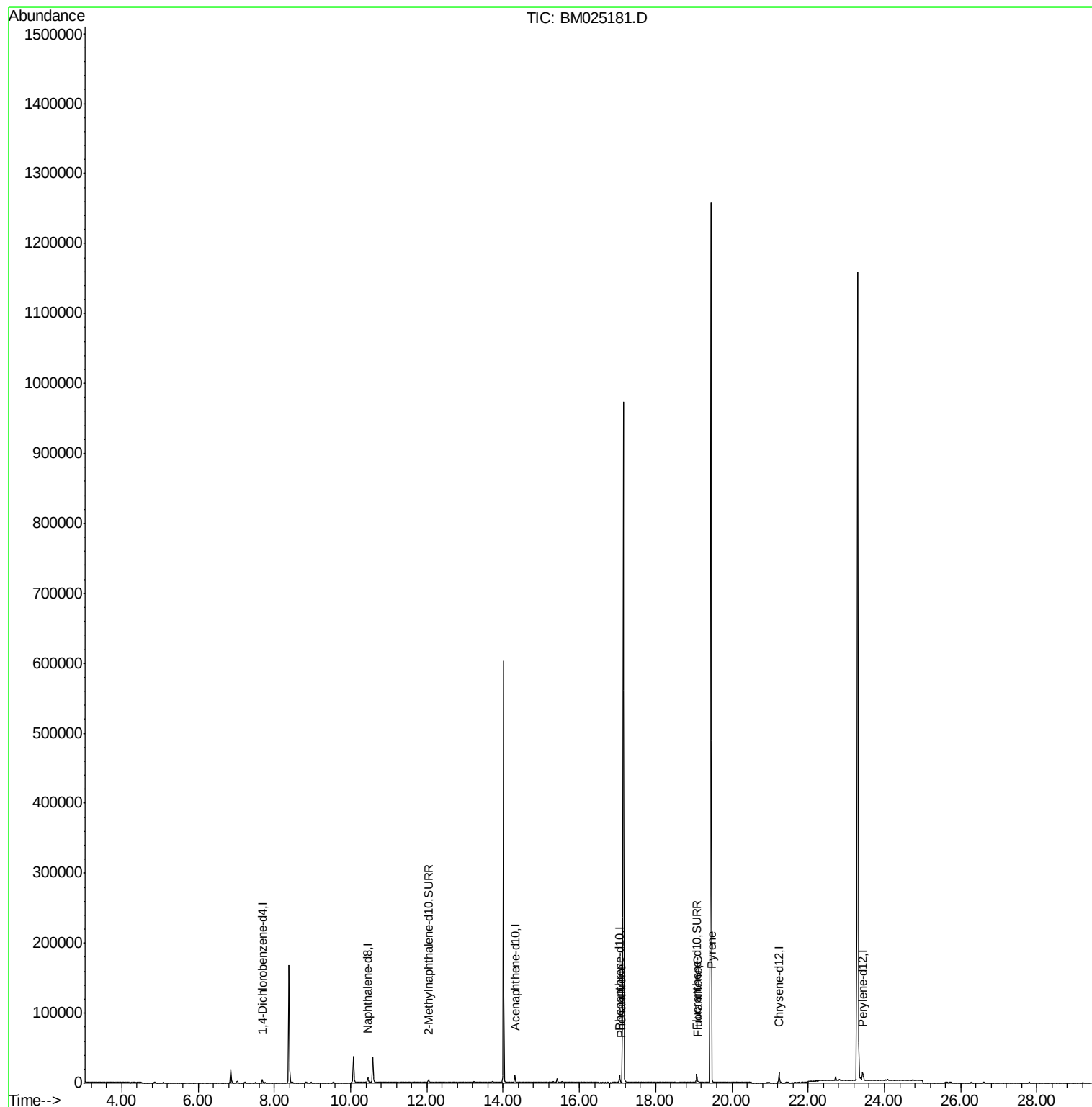
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\  
Data File : BM025181.D  
Acq On : 29 Feb 2020 22:53  
Operator : CG/JU  
Sample : L1542-22  
Misc :  
ALS Vial : 54 Sample Multiplier: 1

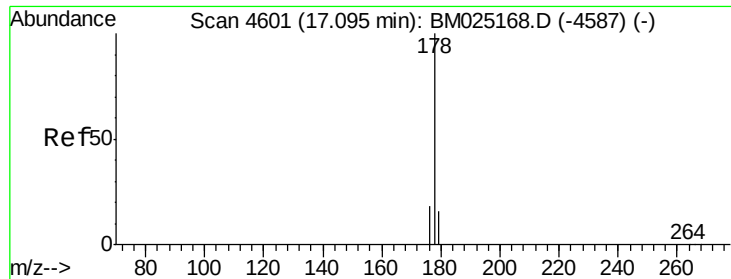
Instrument :  
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Quant Time: Mar 02 03:11:22 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 02 02:08:15 2020  
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.021 ng/ul

RT: 17.09 min Scan# 4601

Delta R.T. -0.00 min

Lab File: BM025181.D

Acq: 29 Feb 2020 22:53

Instrument :

BNA\_M

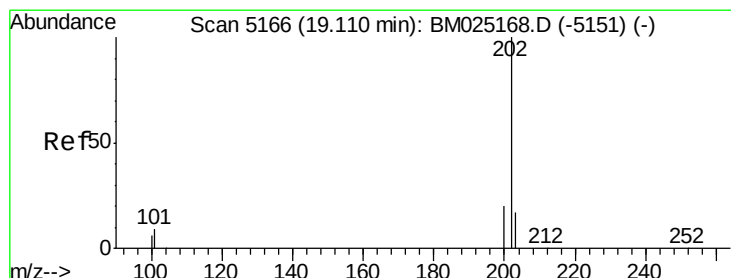
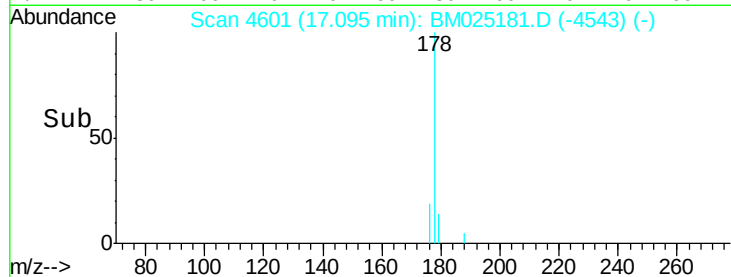
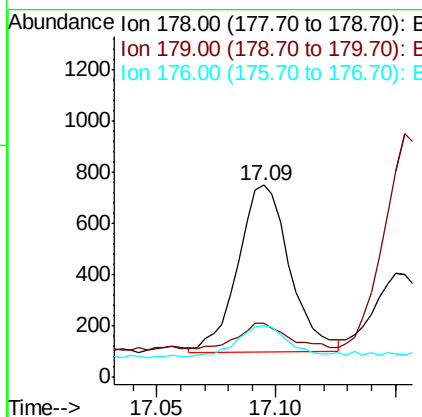
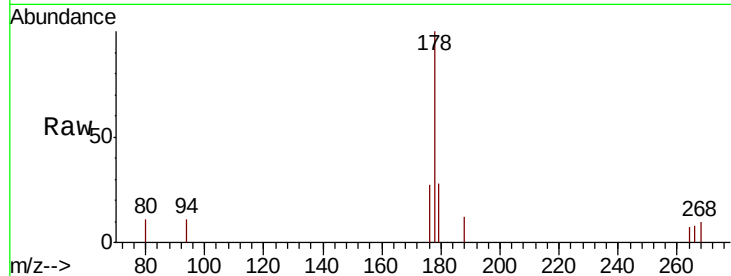
ClientSampleId :

DBD56

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 178   | Resp: | 980   |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 179      | 28.3  | 14.0  | 21.0# |
| 176      | 26.9  | 16.6  | 24.8# |

Manual Integrations  
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#15

Fluoranthene

Concen: 0.029 ng/ul

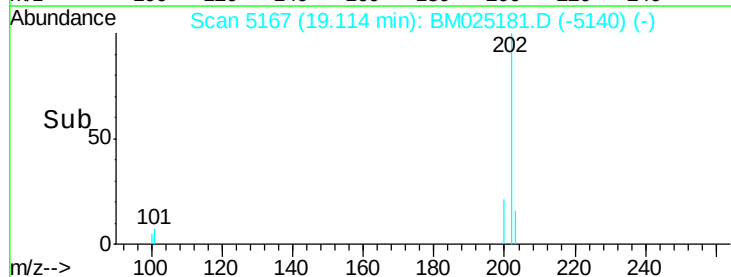
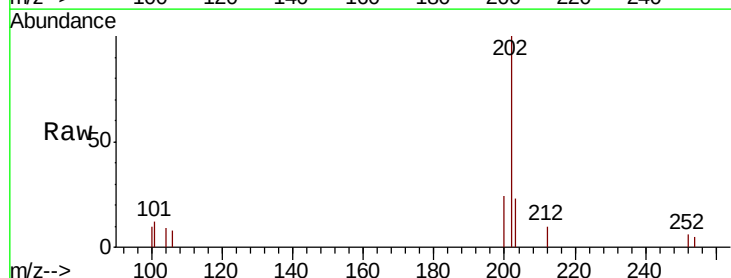
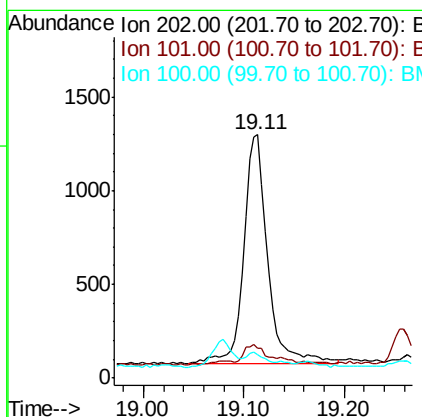
RT: 19.11 min Scan# 5167

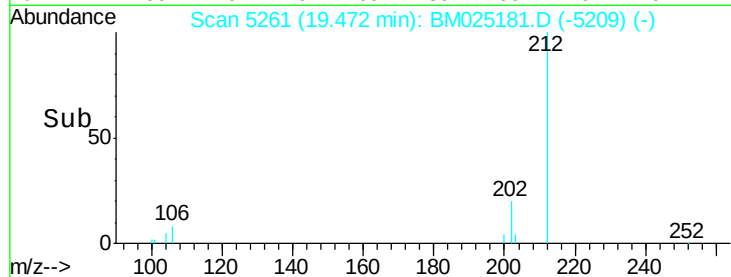
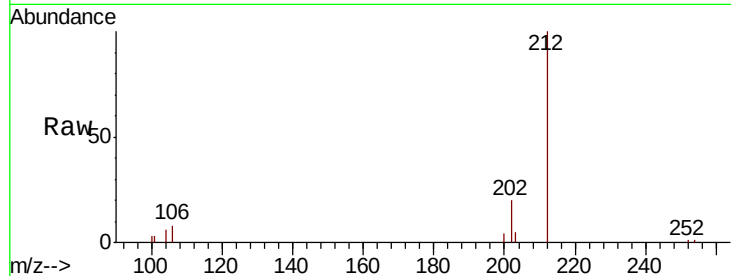
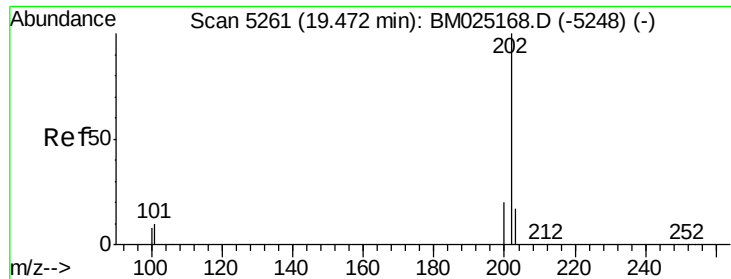
Delta R.T. 0.00 min

Lab File: BM025181.D

Acq: 29 Feb 2020 22:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 2029  |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 12.5  | 0.0   | 29.4  |
| 100      | 9.6   | 0.0   | 28.0  |





#17  
 Pvrene  
 Concen: 0.046 ng/ul  
 RT: 19.47 min Scan# 5261  
 Delta R.T. -0.00 min  
 Lab File: BM025181.D  
 Acq: 29 Feb 2020 22:53

Instrument :  
 BNA\_M  
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| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 13.3  | 8.7        | 13.1#      |
| 100     | 14.6  | 7.3        | 10.9#      |

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