

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\  
 Data File : BN012361.D  
 Acq On : 19 Oct 2020 20:58  
 Operator : CG/JU  
 Sample : L4424-02  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 F4W01

Manual Integrations  
 APPROVED

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Quant Time: Oct 20 08:11:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 20 07:24:17 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.60  | 152  | 1536     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.37 | 136  | 6604     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.24 | 164  | 3837     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.98 | 188  | 7908m    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.19 | 240  | 6661     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.36 | 264  | 6935     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.97 | 152  | 3091     | 0.32  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.02 | 212  | 7390     | 0.34  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 9) Fluorene                 | 15.29 | 166  | 3062     | 0.196 | ng/ul  | 99       |
| 11) Pentachlorophenol       | 16.64 | 266  | 256      | 0.112 | ng/ul  | 95       |
| 12) Phenanthrene            | 17.03 | 178  | 1268     | 0.050 | ng/ul# | 88       |

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

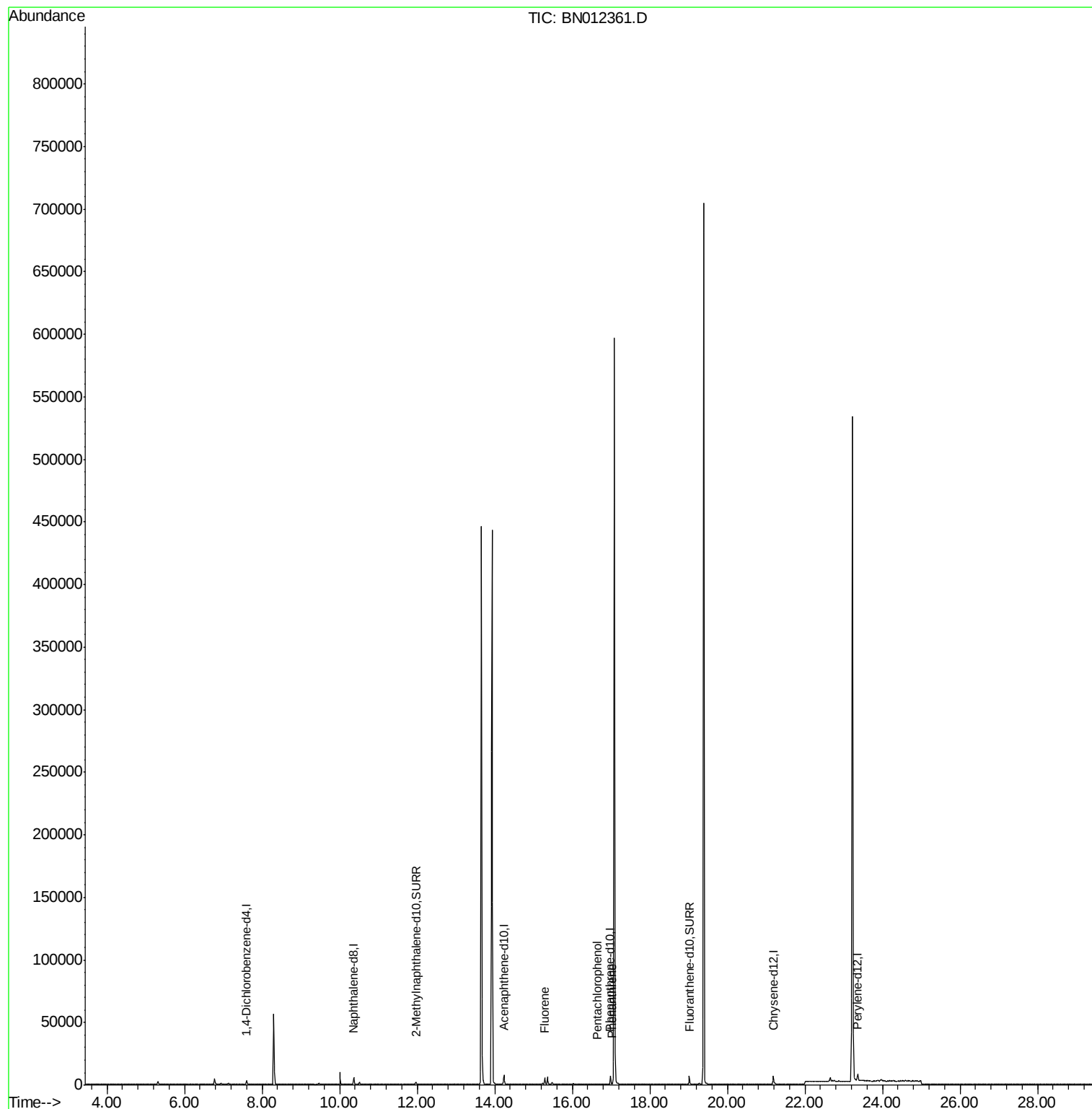
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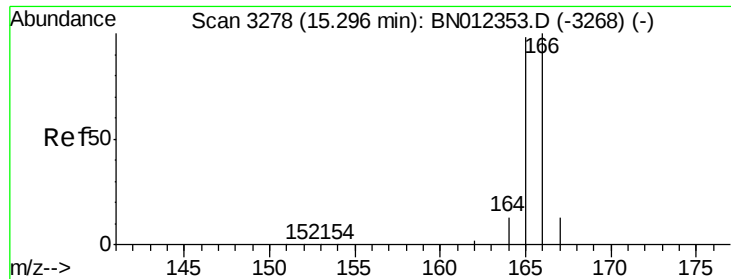
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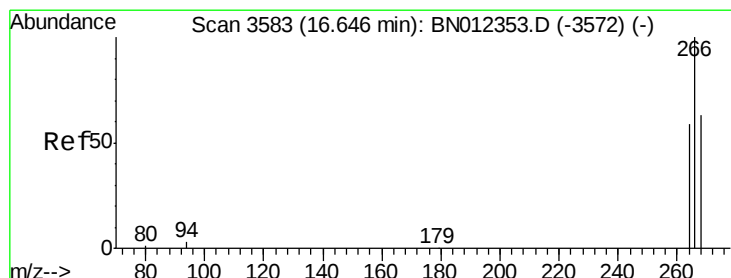
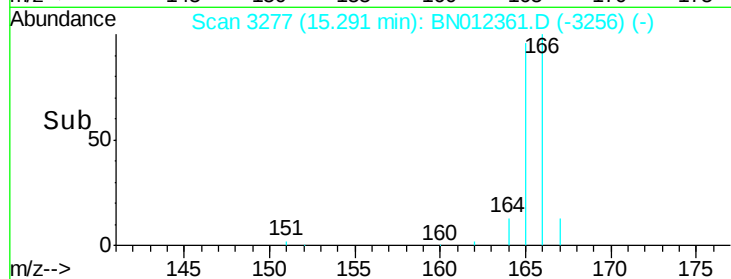
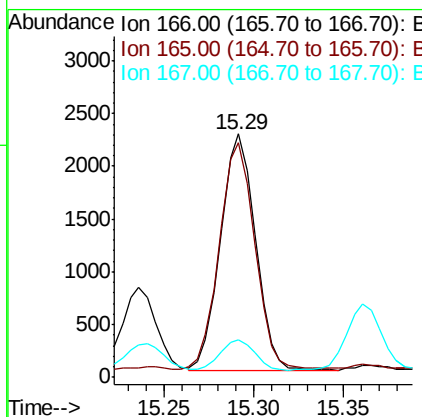
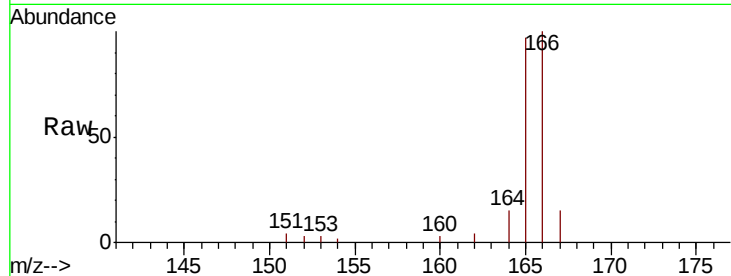
#9  
**Fluorene**  
 Concen: 0.196 ng/ul  
 RT: 15.29 min Scan# 3277  
 Delta R.T. -0.00 min  
 Lab File: BN012361.D  
 Acq: 19 Oct 2020 20:58

Instrument :  
 BNA\_N  
 ClientSampleId :  
 F4W01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.6  | 76.3  | 114.5 |
| 167     | 15.3  | 12.0  | 18.0  |

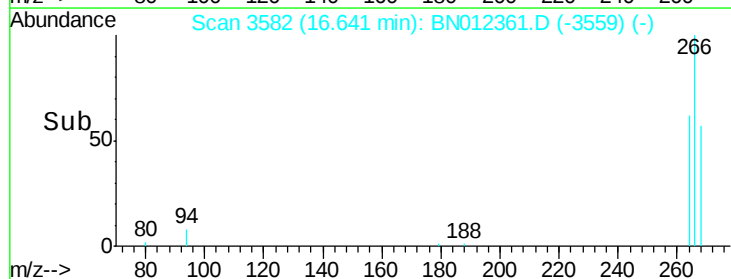
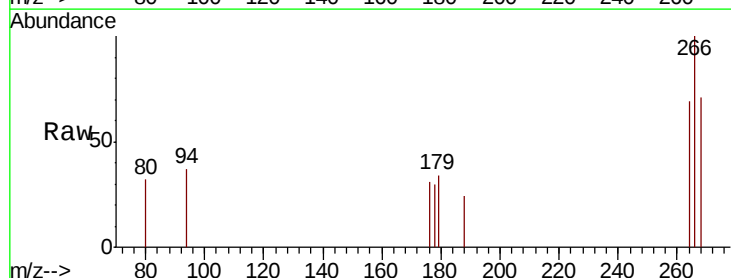
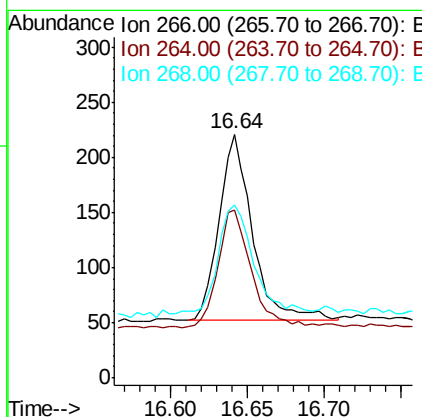
Manual Integrations  
 APPROVED

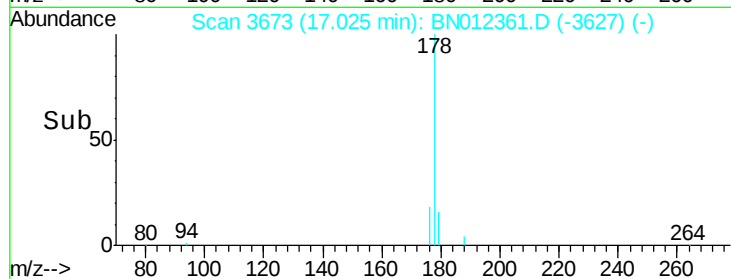
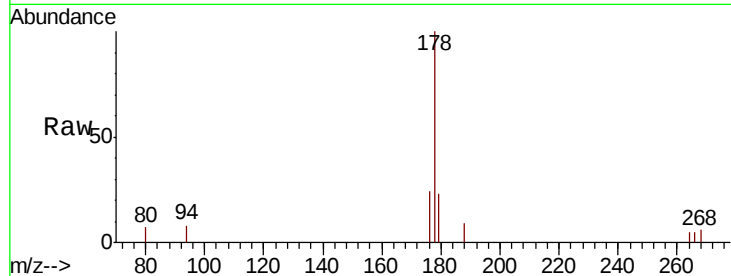
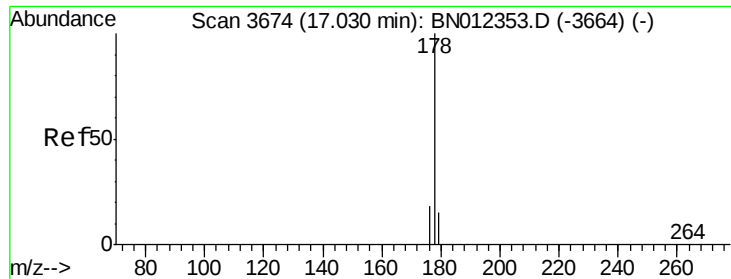
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#11  
**Pentachlorophenol**  
 Concen: 0.112 ng/ul  
 RT: 16.64 min Scan# 3582  
 Delta R.T. -0.00 min  
 Lab File: BN012361.D  
 Acq: 19 Oct 2020 20:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 66.8  | 49.5  | 74.3  |
| 268     | 66.0  | 50.5  | 75.7  |





#12

Phenanthrene

Concen: 0.050 ng/ul

RT: 17.03 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BN012361.D

Acq: 19 Oct 2020 20:58

Instrument :

BNA\_N

ClientSampleId :

F4W01

Tot Ion:178 Resp: 1268

Ion Ratio Lower Upper

178 100

179 22.7 13.1 19.7#

176 23.9 15.8 23.8#

Manual Integrations  
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