

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110519\  
 Data File : BN008451.D  
 Acq On : 05 Nov 2019 17:37  
 Operator : JU  
 Sample : K5567-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 JLN8

Manual Integrations  
 APPROVED

mohammad  
 11/7/2019 2:51:36 PM

Quant Time: Nov 07 11:18:14 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 07 10:57:49 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.56  | 152  | 1401     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.32 | 136  | 6090     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.20 | 164  | 3575     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.95 | 188  | 7511m    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.16 | 240  | 5738     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.32 | 264  | 7271     | 0.40  | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.92 | 152  | 2858     | 0.30  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.99 | 212  | 8505     | 0.38  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 12) Phenanthrene            | 16.99 | 178  | 602      | 0.026 | ng/ul# | 77       |
| 15) Fluoranthene            | 19.01 | 202  | 585      | 0.022 | ng/ul  | 68       |

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

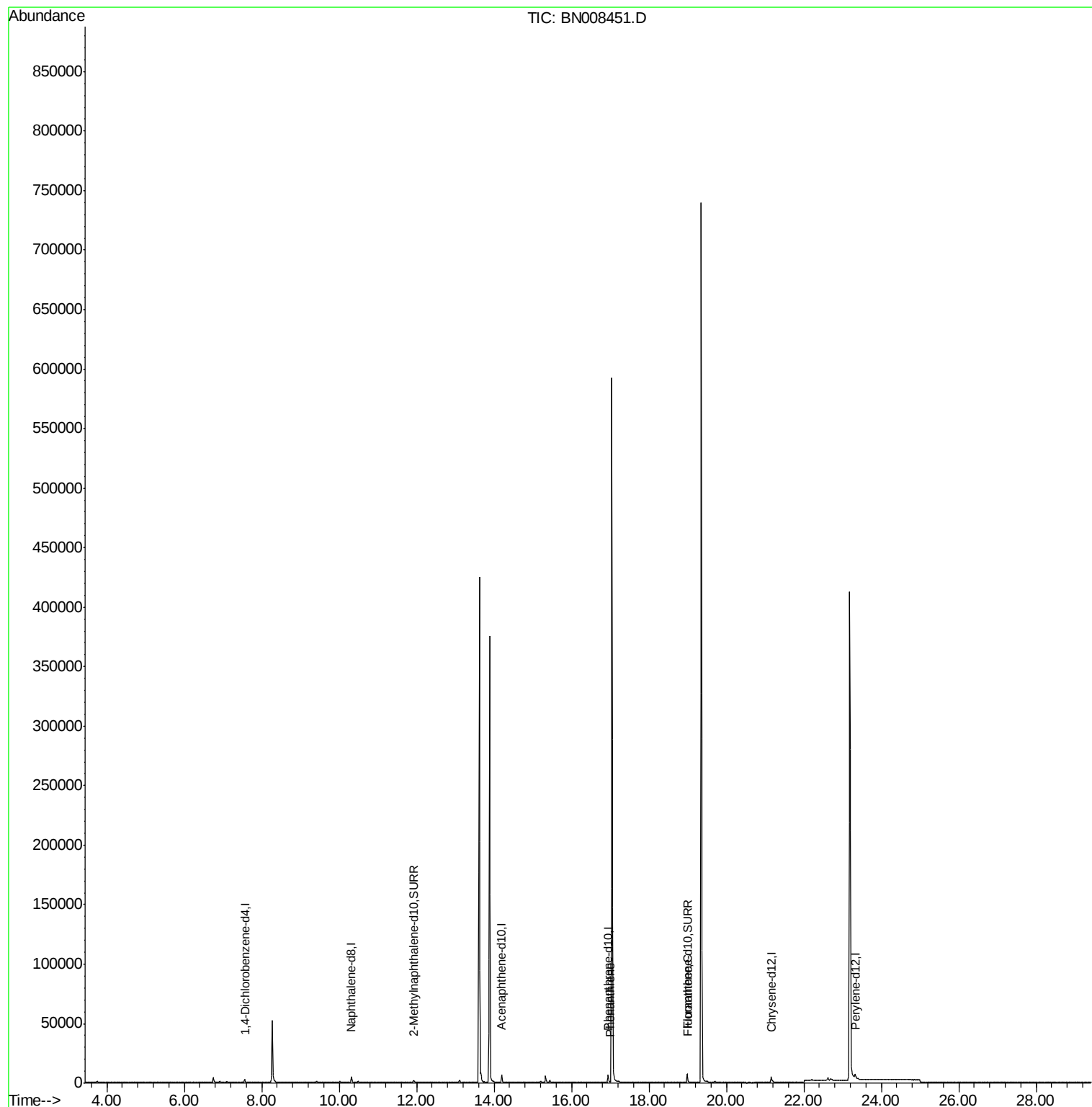
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110519\  
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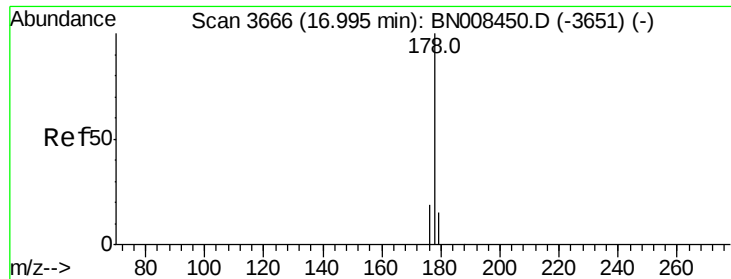
Instrument :  
BNA\_N  
ClientSampleId :  
JLNB8

Quant Time: Nov 07 11:18:14 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M  
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#12

Phenanthrene

Concen: 0.026 ng/ul

RT: 16.99 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BN008451.D

Acq: 05 Nov 2019 17:37

Instrument :

BNA\_N

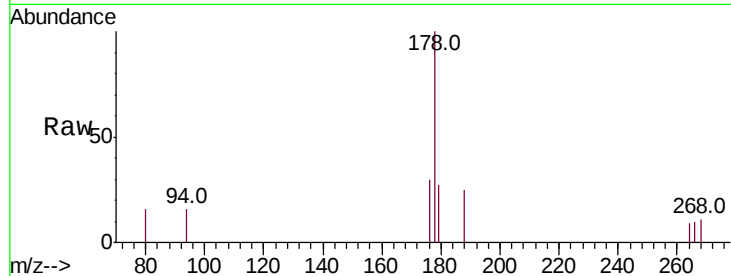
ClientSampleId :

JLNB8

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 178   | Resp: | 602   |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 179      | 26.7  | 13.2  | 19.8# |
| 176      | 29.9  | 15.6  | 23.4# |

Manual Integrations  
APPROVED

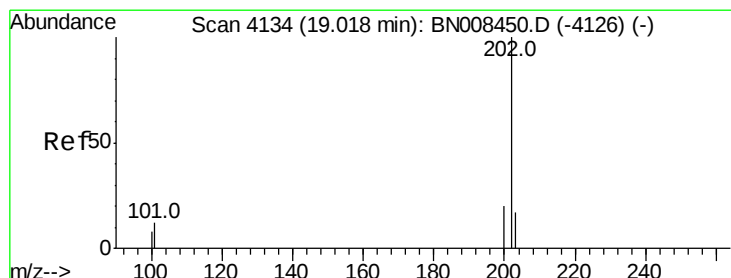
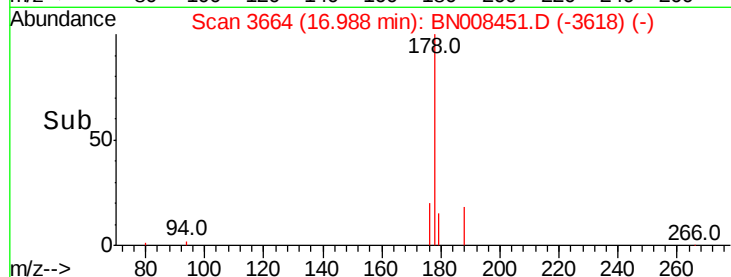
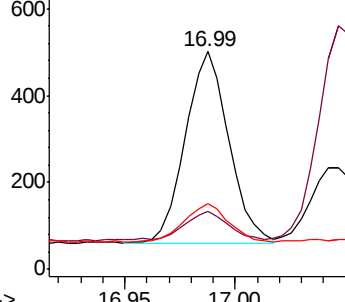
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11/7/2019 2:51:36 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.022 ng/ul

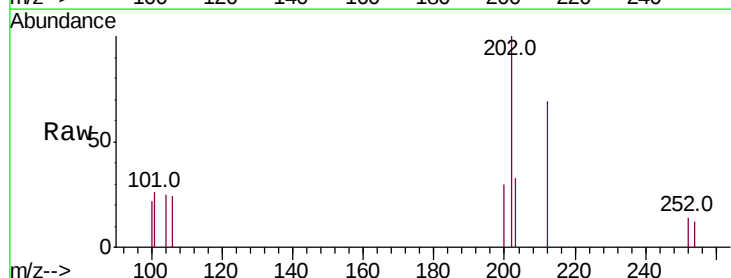
RT: 19.01 min Scan# 4133

Delta R.T. -0.00 min

Lab File: BN008451.D

Acq: 05 Nov 2019 17:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 585   |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 26.0  | 0.0   | 33.0  |
| 100      | 21.9  | 0.0   | 30.2  |



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

