

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051619\  
 Data File : BN005721.D  
 Acq On : 17 May 2019 02:04  
 Operator : JU/SJ  
 Sample : K2788-11  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A51A0

Quant Time: May 17 06:02:13 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 17 04:47:07 2019  
 Response via : Initial Calibration

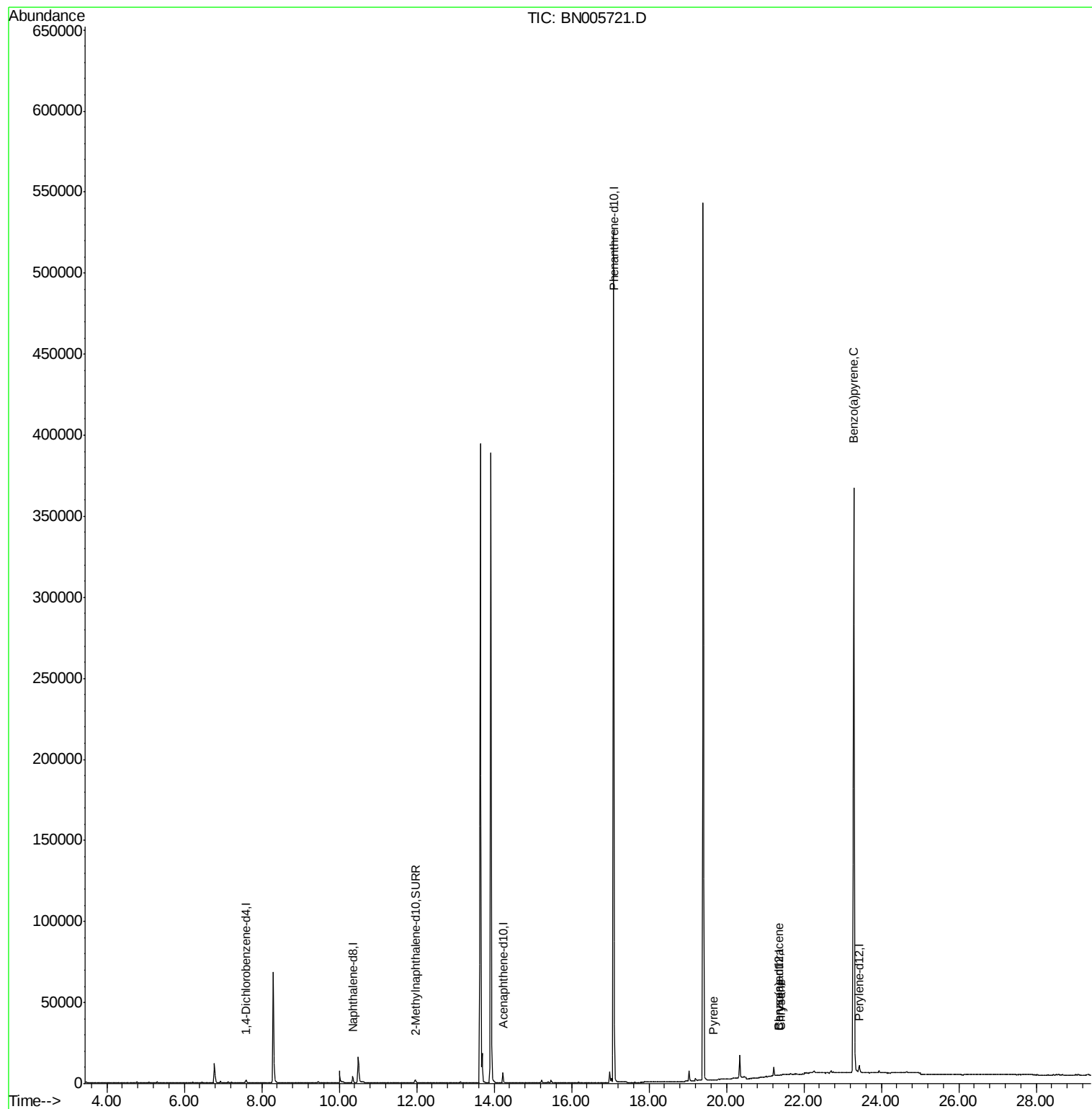
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.59  | 152  | 1141     | 0.40  | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.35 | 136  | 4956     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.23 | 164  | 3367     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.09 | 188  | 635550   | 0.40  | ng/ul  | 0.10     |
| 16) Chrysene-d12            | 21.35 | 240  | 15       | 0.40  | ng/ul  | 0.13     |
| 20) Perylene-d12            | 23.43 | 264  | 6187     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.96 | 152  | 2771     | 0.36  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 0.00  | 212  | 0        | 0.00  | ng/ul  |          |
| Target Compounds            |       |      |          |       |        |          |
|                             |       |      |          |       | Qvalue |          |
| 17) Pyrene                  | 19.67 | 202  | 86       | 1.553 | ng/ul# | 27       |
| 18) Benzo(a)anthracene      | 21.35 | 228  | 124      | 2.398 | ng/ul# | 1        |
| 19) Chrysene                | 21.40 | 228  | 55       | 0.866 | ng/ul# | 1        |
| 23) Benzo(a)pyrene          | 23.29 | 252  | 1771     | 0.085 | ng/ul# | 1        |

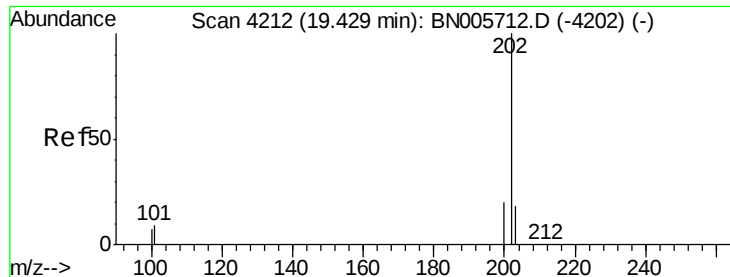
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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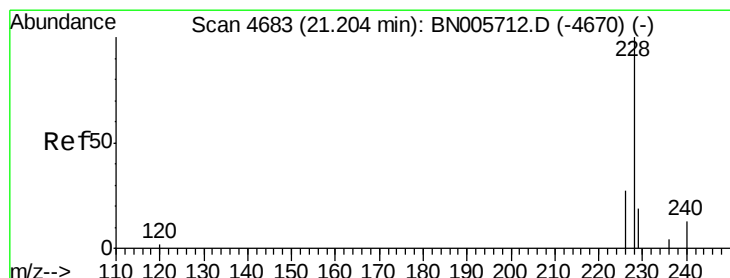
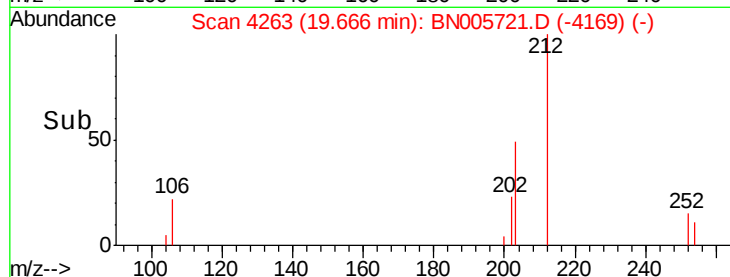
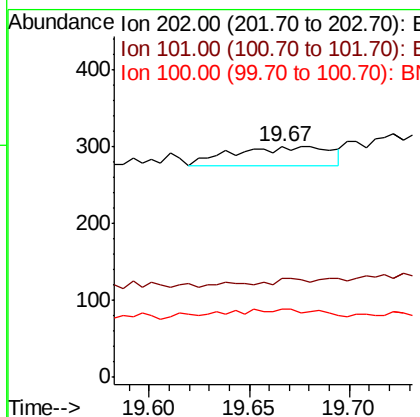
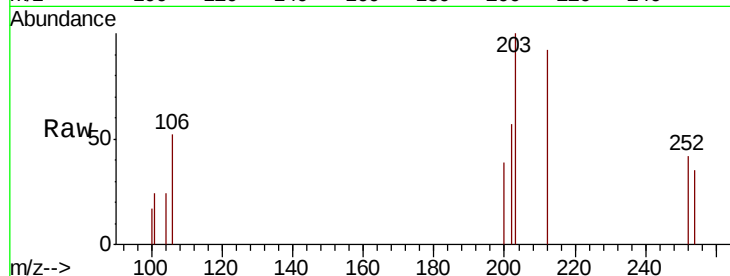




#17  
 Pyrene  
 Concen: 1.553 ng/ul  
 RT: 19.67 min Scan# 4263  
 Delta R.T. 0.24 min  
 Lab File: BN005721.D  
 Acq: 17 May 2019 02:04

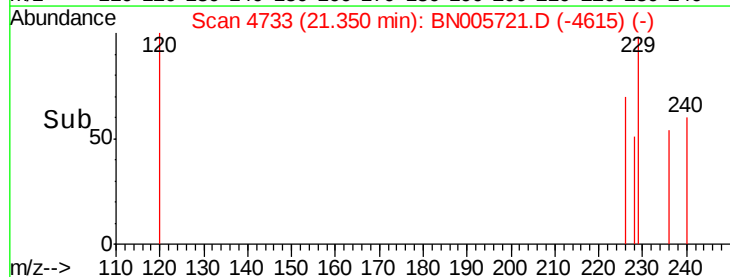
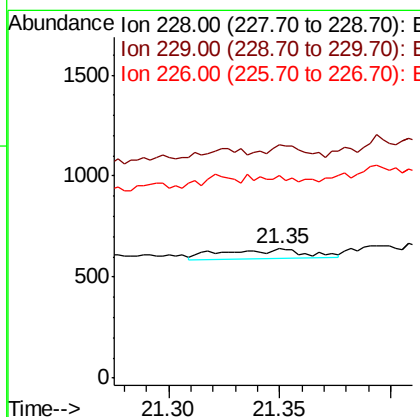
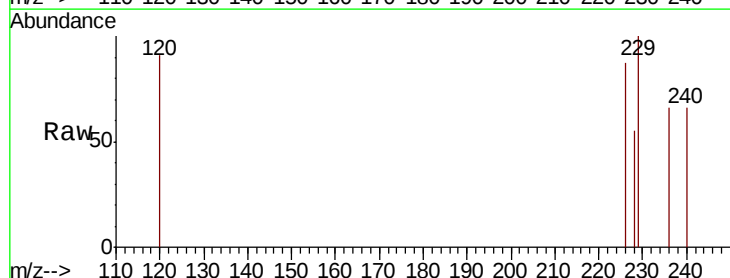
Instrument :  
 BNA\_N  
 ClientSampleId :  
 A51A0

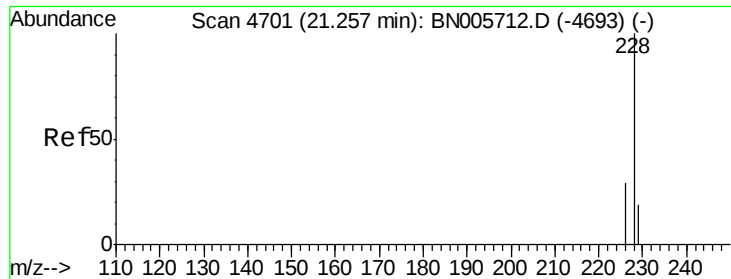
Tgt Ion:202 Resp: 86  
 Ion Ratio Lower Upper  
 202 100  
 101 42.7 8.5 12.7#  
 100 29.3 6.9 10.3#



#18  
 Benzo(a)anthracene  
 Concen: 2.398 ng/ul  
 RT: 21.35 min Scan# 4733  
 Delta R.T. 0.15 min  
 Lab File: BN005721.D  
 Acq: 17 May 2019 02:04

Tgt Ion:228 Resp: 124  
 Ion Ratio Lower Upper  
 228 100  
 229 180.8 15.8 23.8#  
 226 157.3 21.7 32.5#





#19

Chrysene

Concen: 0.866 ng/ul

RT: 21.40 min Scan# 4749

Delta R.T. 0.14 min

Lab File: BN005721.D

Acq: 17 May 2019 02:04

Instrument :

BNA\_N

ClientSampleId :

A51A0

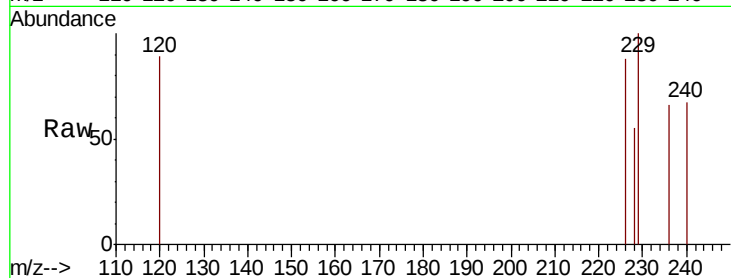
Tgt Ion:228 Resp: 55

Ion Ratio Lower Upper

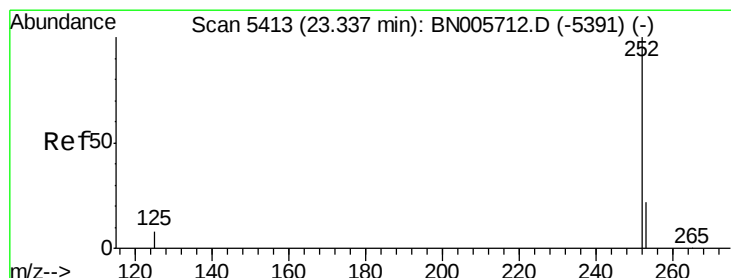
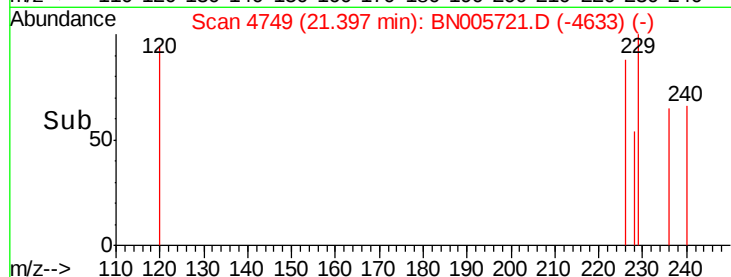
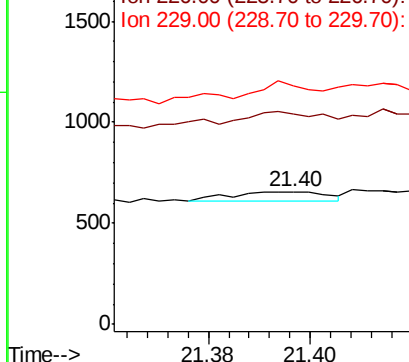
228 100

226 158.5 23.2 34.8#

229 180.3 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#23

Benzo(a)pyrene

Concen: 0.085 ng/ul

RT: 23.29 min Scan# 5396

Delta R.T. -0.05 min

Lab File: BN005721.D

Acq: 17 May 2019 02:04

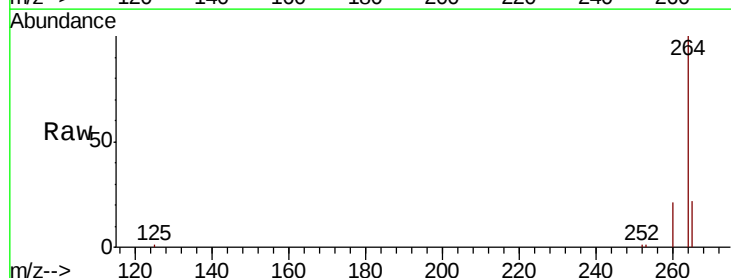
Tgt Ion:252 Resp: 1771

Ion Ratio Lower Upper

252 100

253 92.6 19.6 29.4#

125 125.9 10.1 15.1#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

