

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\  
 Data File : BN007450.D  
 Acq On : 28 Aug 2019 02:05  
 Operator : HP/JU  
 Sample : K4337-20  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Aug 28 03:40:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 28 02:09:57 2019  
 Response via : Initial Calibration

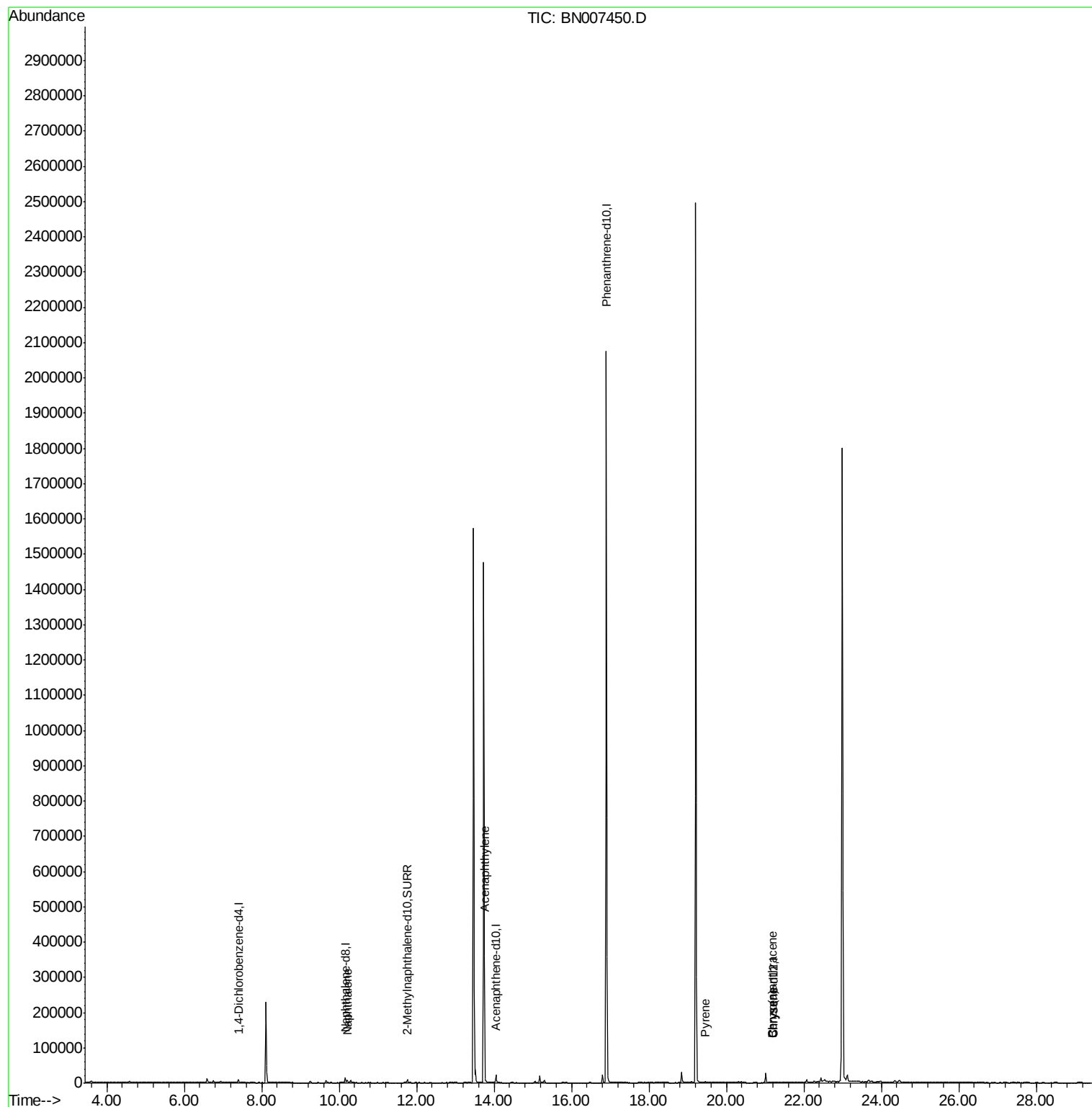
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.40  | 152  | 5018     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.15 | 136  | 21067    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.05 | 164  | 12190    | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.90 | 188  | 2357056  | 0.40  | ng/ul  | 0.09     |
| 16) Chrysene-d12            | 21.22 | 240  | 119      | 0.40  | ng/ul  | 0.19     |
| 20) Perylene-d12            | 0.00  | 264  | 0        | 0.00  | ng/ul  | -23.13   |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.76 | 152  | 12257    | 0.37  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 0.00  | 212  | 0        | 0.00  | ng/ul  |          |
| Target Compounds            |       |      |          |       |        |          |
| 3) Naphthalene              | 10.20 | 128  | 10659    | 0.179 | ng/ul  | 96       |
| 7) Acenaphthylene           | 13.76 | 152  | 2109     | 0.031 | ng/ul# | 84       |
| 17) Pyrene                  | 19.46 | 202  | 110      | 0.189 | ng/ul# | 1        |
| 18) Benzo(a)anthracene      | 21.19 | 228  | 709      | 1.333 | ng/ul# | 46       |
| 19) Chrysene                | 21.19 | 228  | 709      | 1.241 | ng/ul# | 51       |

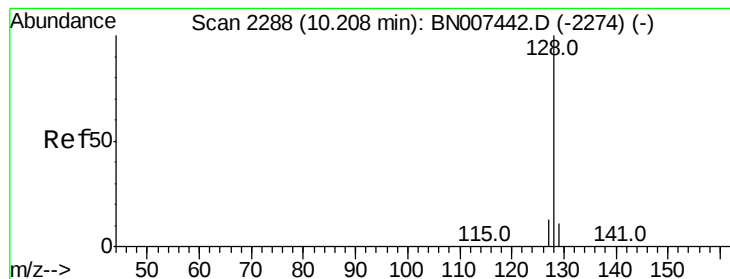
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.179 ng/ul

RT: 10.20 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BN007450.D

Acq: 28 Aug 2019 02:05

Instrument :

BNA\_N

ClientSampleId :

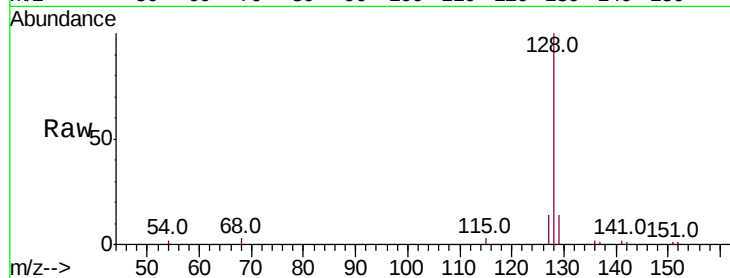
Tot Ion:128 Resp: 10659

Ion Ratio Lower Upper

128 100

129 13.6 9.2 13.8

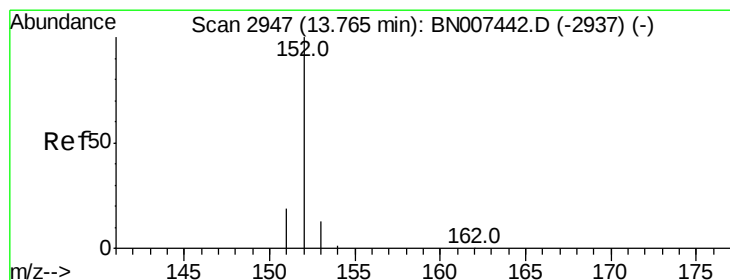
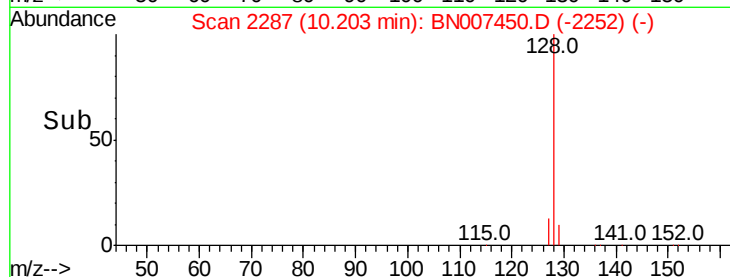
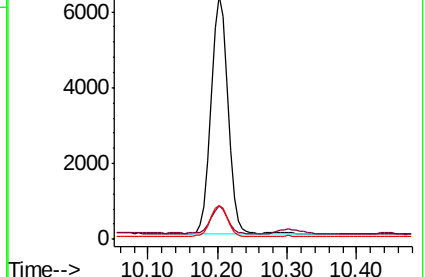
127 14.1 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 13.76 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BN007450.D

Acq: 28 Aug 2019 02:05

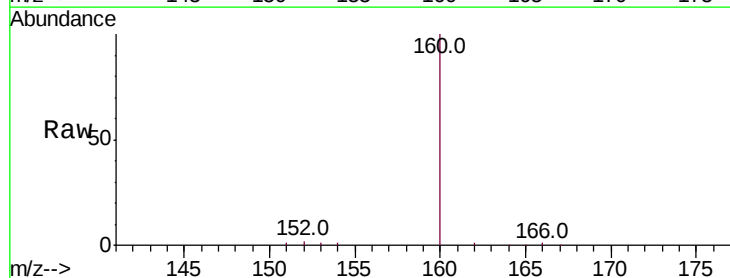
Tgt Ion:152 Resp: 2109

Ion Ratio Lower Upper

152 100

151 24.5 15.8 23.6#

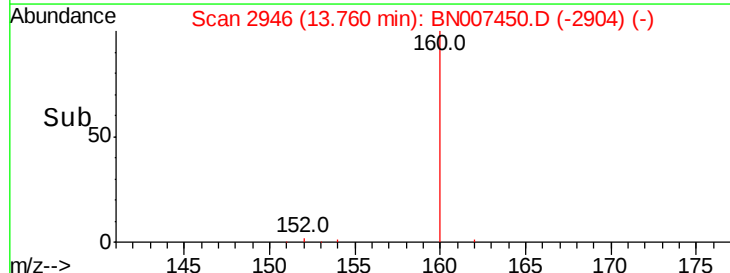
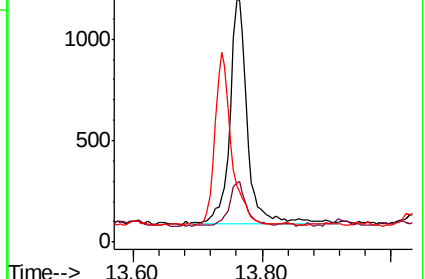
153 23.0 10.8 16.2#

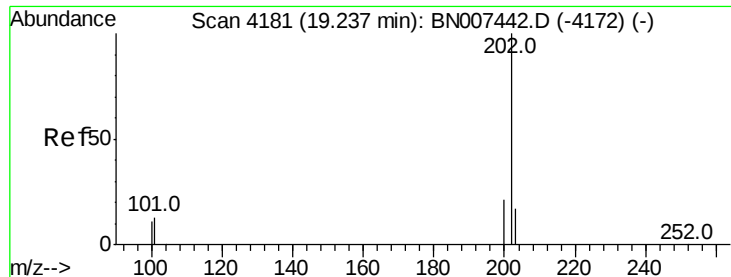


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Pvrene

Concen: 0.189 ng/ul

RT: 19.46 min Scan# 4229

Delta R.T. 0.22 min

Lab File: BN007450.D

Acq: 28 Aug 2019 02:05

Instrument :

BNA\_N

ClientSampleId :

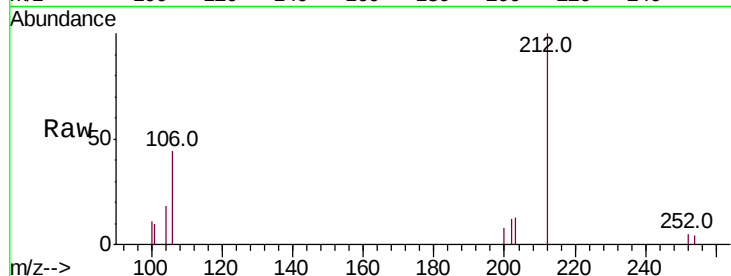
Tot Ion:202 Resp: 110

Ion Ratio Lower Upper

202 100

101 88.9 10.7 16.1#

100 95.3 8.6 12.8#



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): B

19.46

250

200

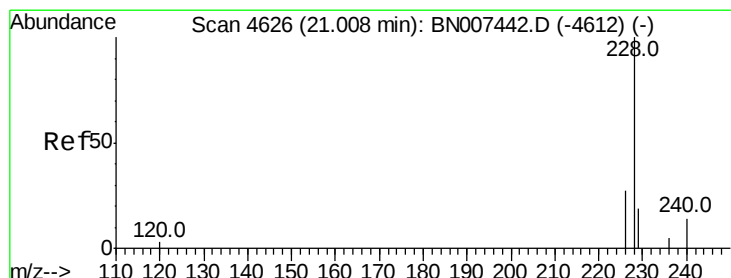
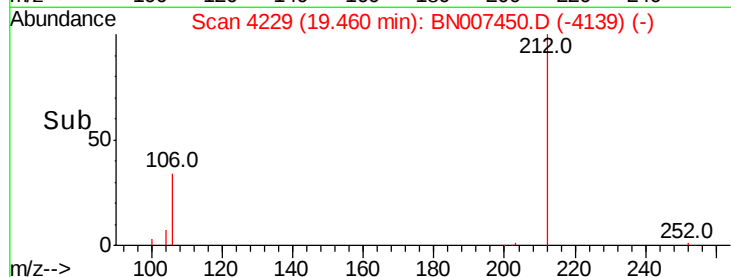
150

100

50

0

Time-->



#18

Benzo(a)anthracene

Concen: 1.333 ng/ul

RT: 21.19 min Scan# 4688

Delta R.T. 0.18 min

Lab File: BN007450.D

Acq: 28 Aug 2019 02:05

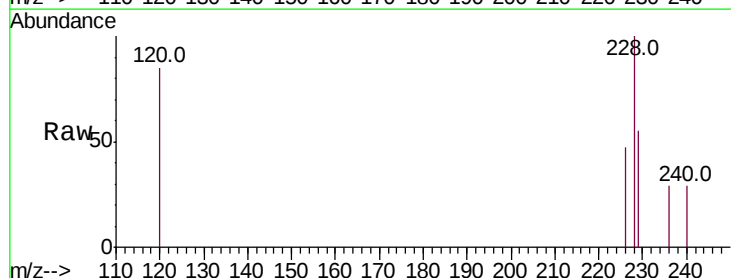
Tgt Ion:228 Resp: 709

Ion Ratio Lower Upper

228 100

229 54.9 15.4 23.2#

226 46.8 22.0 33.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

21.19

800

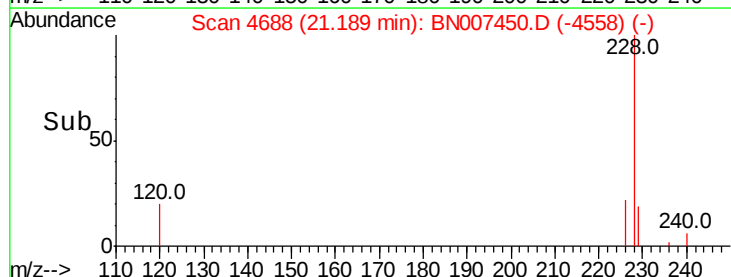
600

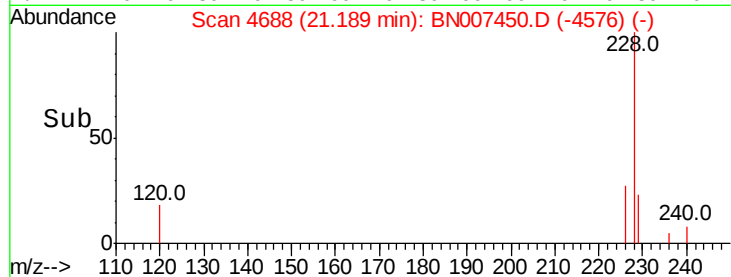
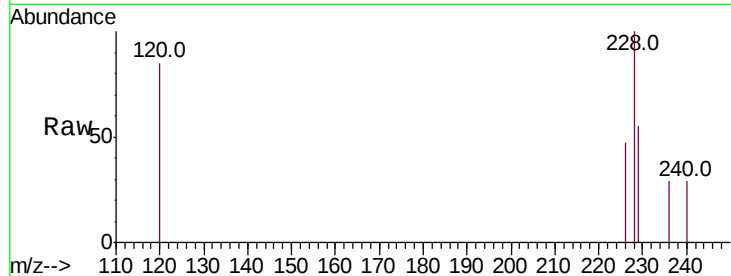
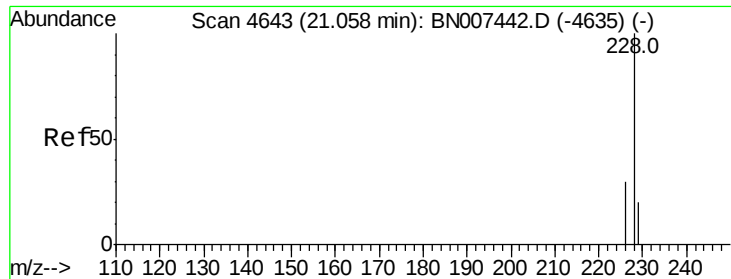
400

200

0

Time-->





#19

Chrysene

Concen: 1.241 ng/ul

RT: 21.19 min Scan# 4688

Delta R.T. 0.13 min

Lab File: BN007450.D

Acq: 28 Aug 2019 02:05

Instrument :

BNA\_N

ClientSampleId :

Tot Ion:228 Resp: 709

Ion Ratio Lower Upper

228 100

226 46.8 24.1 36.1#

229 54.9 16.1 24.1#

