

Data File : BN003874.D  
Acq On : 13 Dec 2018 04:44  
Operator : JU/SJ  
Sample : J6228-19  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9E58

Quant Time: Dec 13 06:04:31 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN121218MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Dec 13 06:00:44 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 22068    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.63 | 136  | 111746   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.47 | 164  | 71715    | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.21 | 188  | 177938   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.39 | 240  | 248383   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.70 | 264  | 311850   | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96  | 1356   | 4.02  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.99  | 99  | 44961  | 20.72 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67  | 27050  | 22.90 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.36  | 132 | 37575  | 22.10 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.52  | 113 | 30353  | 16.69 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.00  | 128 | 20232  | 22.85 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.71  | 143 | 22716  | 22.65 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.24 | 165 | 40664  | 22.11 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.77 | 131 | 41562  | 24.15 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.87 | 166 | 142334 | 22.23 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.16 | 160 | 179267 | 23.60 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.66 | 143 | 22860  | 17.27 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.46 | 176 | 134143 | 24.23 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.58 | 200 | 21262  | 16.59 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.31 | 188 | 215735 | 23.99 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.60 | 212 | 266518 | 23.99 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.56 | 264 | 401338 | 23.72 | ng/ul | 0.00 |

Target Compounds

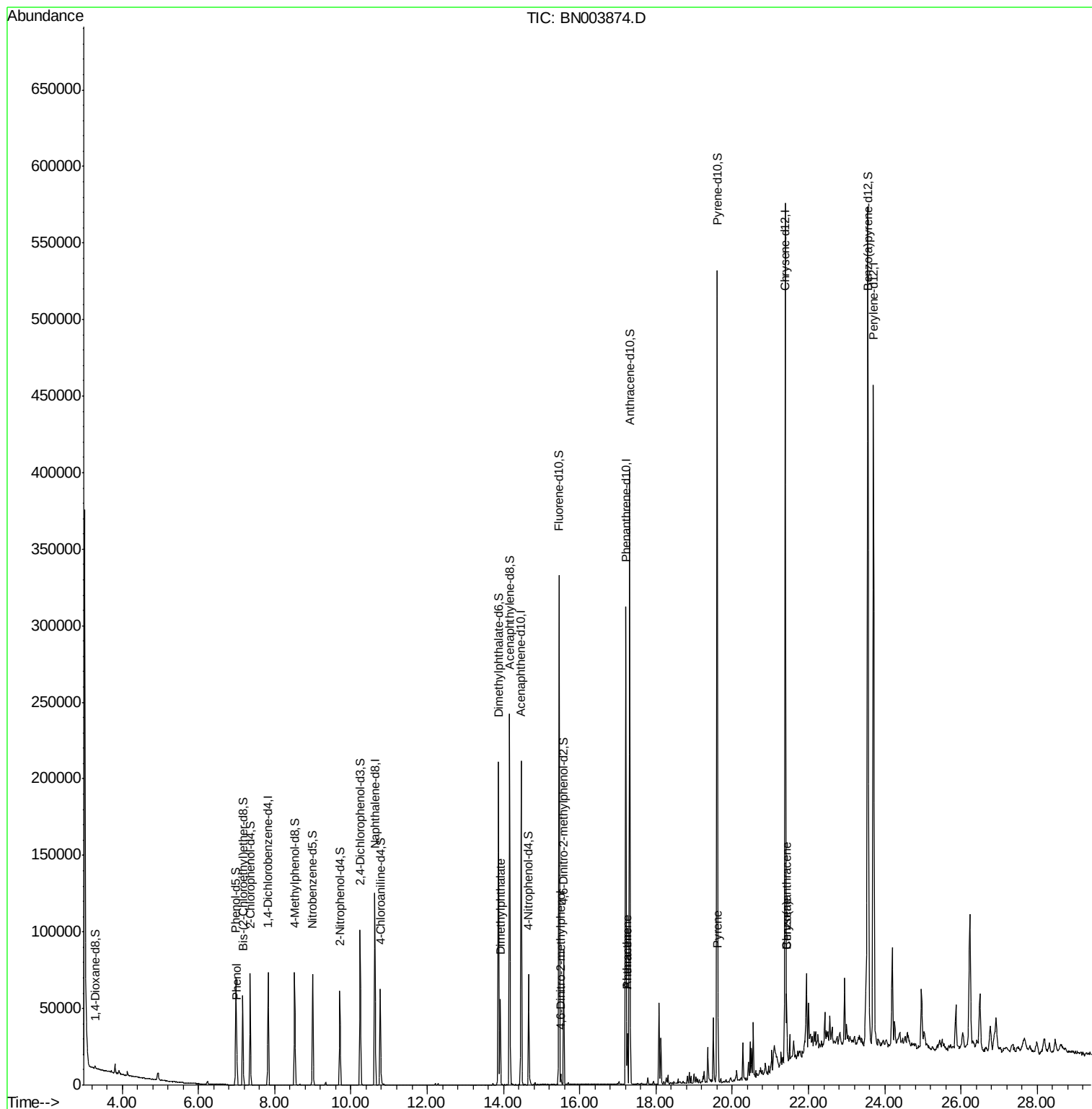
|                                |       |     |       |       |        | Qvalue |
|--------------------------------|-------|-----|-------|-------|--------|--------|
| 6) Phenol                      | 7.01  | 94  | 10563 | 4.823 | ng/ul  | 98     |
| 44) Dimethylphthalate          | 13.92 | 163 | 38157 | 6.106 | ng/ul  | 99     |
| 63) 4,6-Dinitro-2-methylphenol | 15.51 | 198 | 3082  | 2.341 | ng/ul# | 59     |
| 69) Phenanthrene               | 17.25 | 178 | 21025 | 2.045 | ng/ul  | 99     |
| 71) Anthracene                 | 17.25 | 178 | 21025 | 1.995 | ng/ul  | 99     |
| 79) Pyrene                     | 19.63 | 202 | 21309 | 1.536 | ng/ul  | 99     |
| 82) Benzo(a)anthracene         | 21.43 | 228 | 25000 | 1.614 | ng/ul  | 94     |
| 84) Chrysene                   | 21.43 | 228 | 25000 | 1.723 | ng/ul  | 97     |

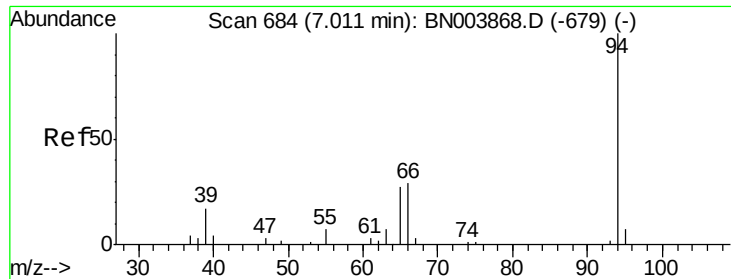
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Dec 13 06:00:44 2018  
Response via : Initial Calibration





#6

Phenol

Concen: 4.823 ng/ul

RT: 7.01 min Scan# 684

Delta R.T. -0.00 min

Lab File: BN003874.D

Acq: 13 Dec 2018 04:44

Instrument :

BNA\_N

ClientSampleId :

F9E58

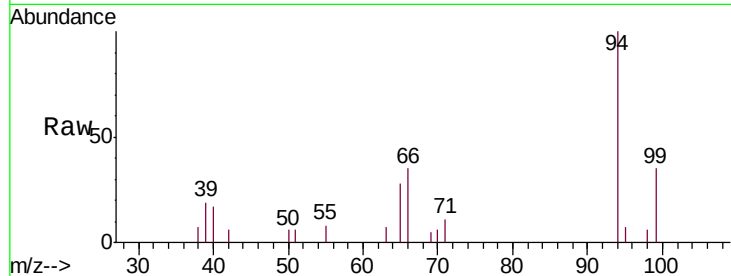
Tgt Ion: 94 Resp: 10563

Ion Ratio Lower Upper

94 100

65 27.7 21.2 31.8

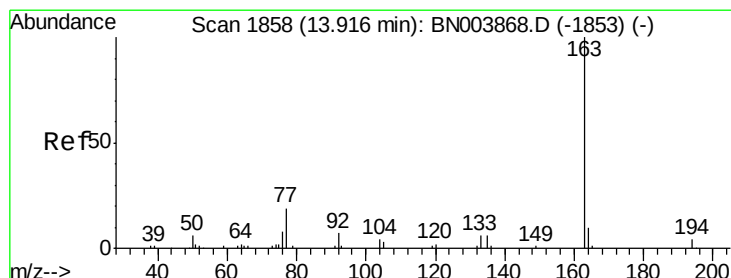
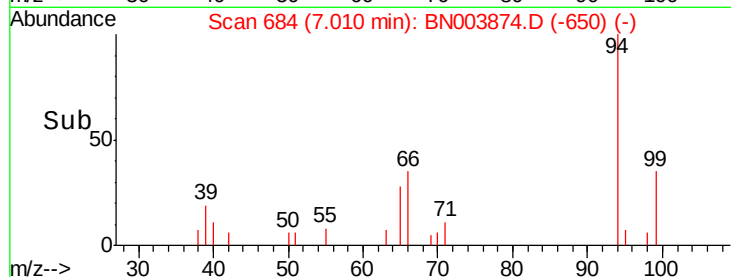
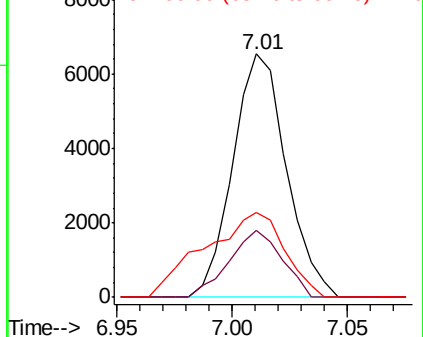
66 34.9 26.9 40.3



Abundance Ion 94.00 (93.70 to 94.70): BN003868.D (-679) (-)

Ion 65.00 (64.70 to 65.70): BN003868.D (-679) (-)

Ion 66.00 (65.70 to 66.70): BN003868.D (-679) (-)



#44

Dimethylphthalate

Concen: 6.106 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN003874.D

Acq: 13 Dec 2018 04:44

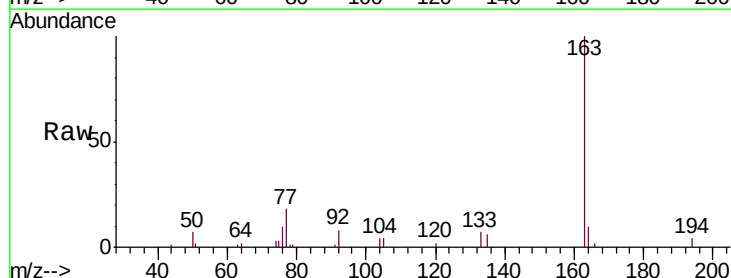
Tgt Ion: 163 Resp: 38157

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

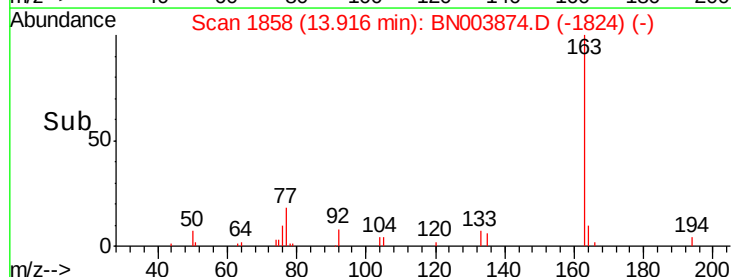
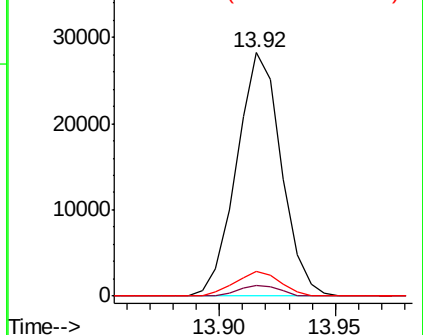
164 10.2 7.9 11.9

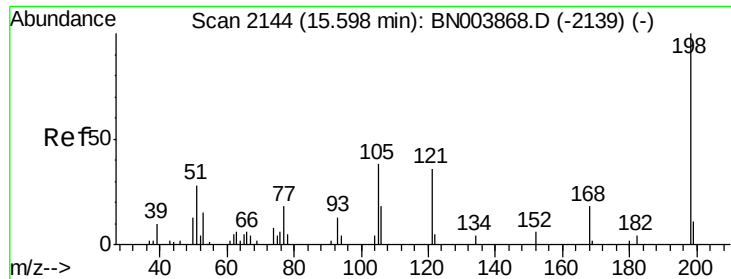


Abundance Ion 163.00 (162.70 to 163.70): BN003868.D (-1853) (-)

Ion 194.00 (193.70 to 194.70): BN003868.D (-1853) (-)

Ion 164.00 (163.70 to 164.70): BN003868.D (-1853) (-)

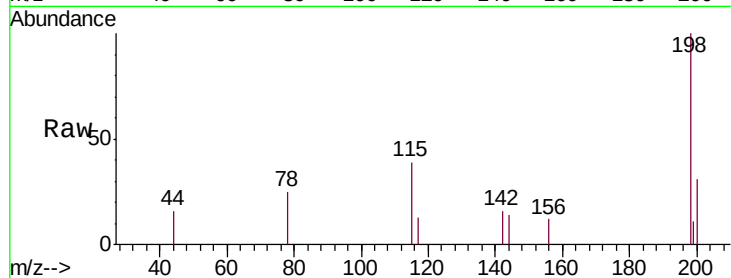




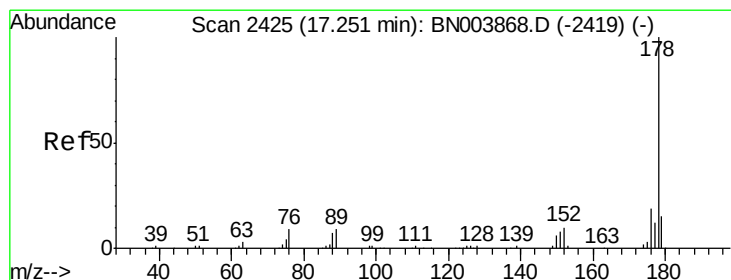
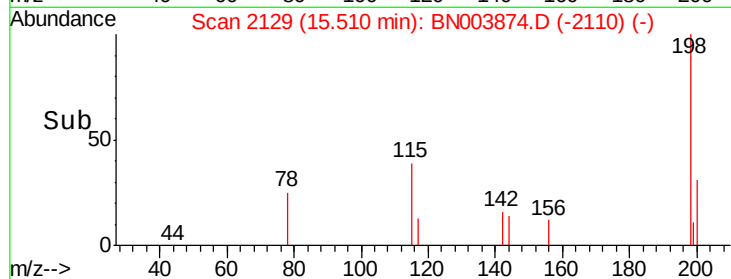
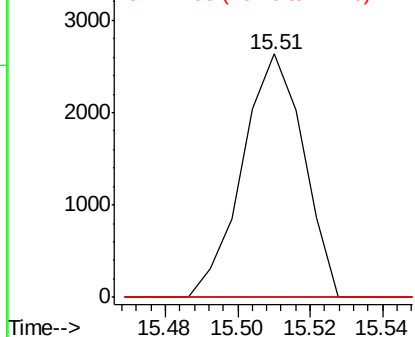
#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 2.341 ng/ul  
 RT: 15.51 min Scan# 2129  
 Delta R.T. -0.09 min  
 Lab File: BN003874.D  
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 BNA\_N  
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 F9E58

Tgt Ion:198 Resp: 3082  
 Ion Ratio Lower Upper  
 198 100  
 182 0.0 3.0 4.4#  
 77 0.0 17.4 26.2#

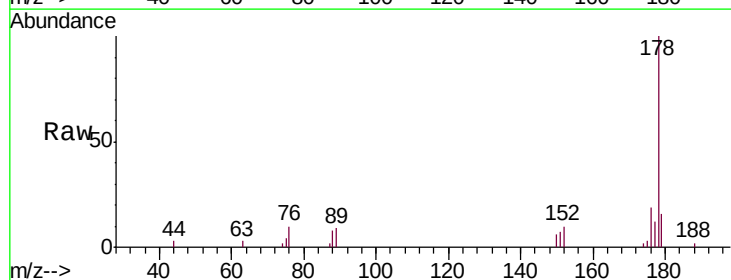


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): BNC

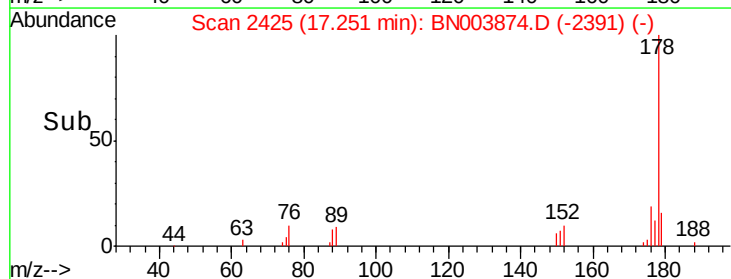
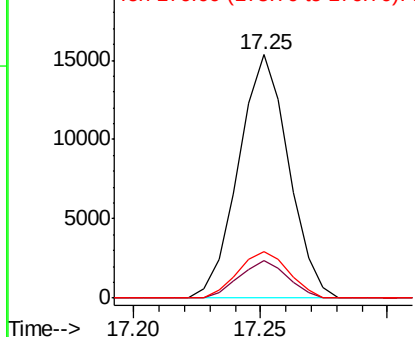


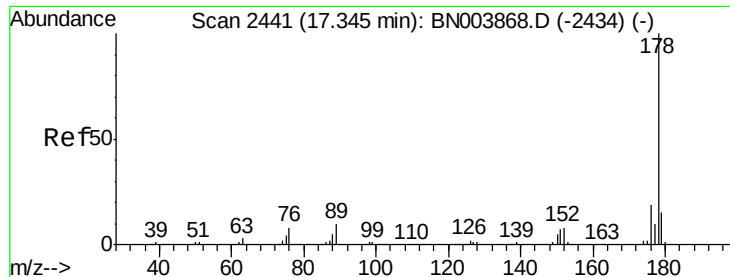
#69  
 Phenanthrene  
 Concen: 2.045 ng/ul  
 RT: 17.25 min Scan# 2425  
 Delta R.T. -0.00 min  
 Lab File: BN003874.D  
 Acq: 13 Dec 2018 04:44

Tgt Ion:178 Resp: 21025  
 Ion Ratio Lower Upper  
 178 100  
 179 15.6 12.1 18.1  
 176 19.3 15.0 22.6



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

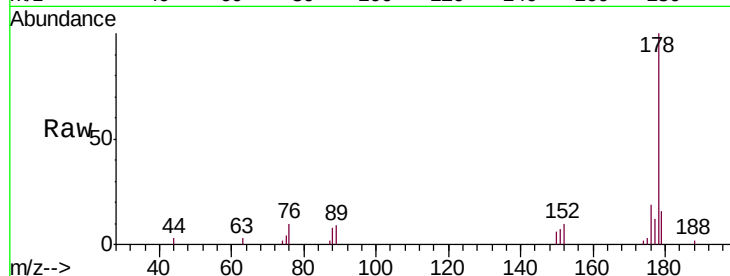




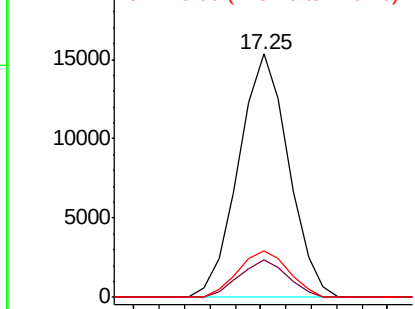
#71  
 Anthracene  
 Concen: 1.995 ng/ul  
 RT: 17.25 min Scan# 2425  
 Delta R.T. -0.09 min  
 Lab File: BN003874.D  
 Acq: 13 Dec 2018 04:44

Instrument :  
 BNA\_N  
 ClientSampleId :  
 F9E58

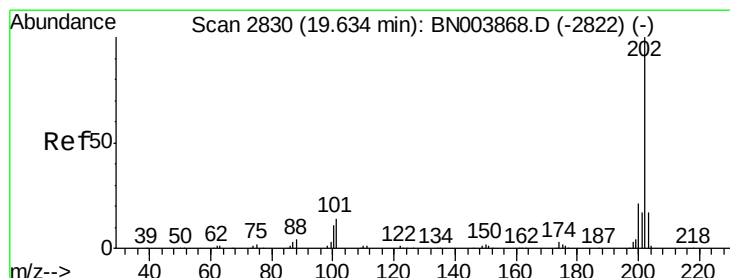
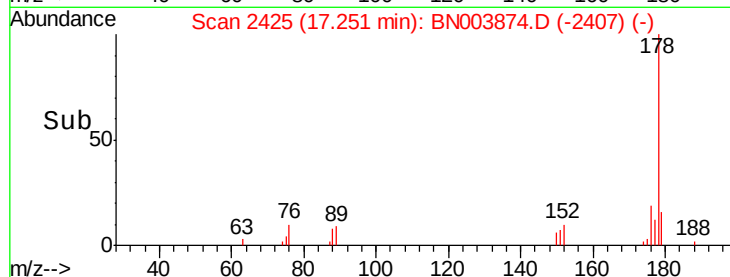
Tgt Ion:178 Resp: 21025  
 Ion Ratio Lower Upper  
 178 100  
 179 15.6 12.1 18.1  
 176 19.3 15.2 22.8



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

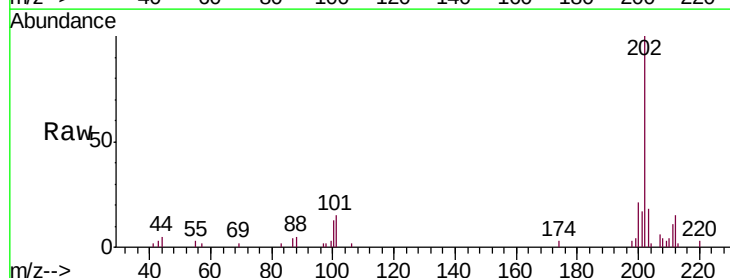


Time--> 17.20 17.25

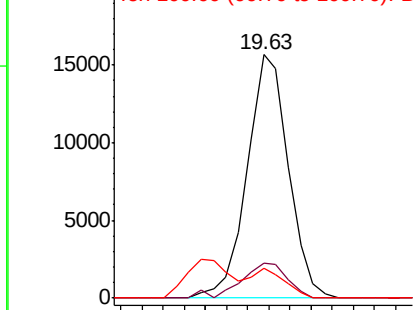


#79  
 Pyrene  
 Concen: 1.536 ng/ul  
 RT: 19.63 min Scan# 2829  
 Delta R.T. -0.01 min  
 Lab File: BN003874.D  
 Acq: 13 Dec 2018 04:44

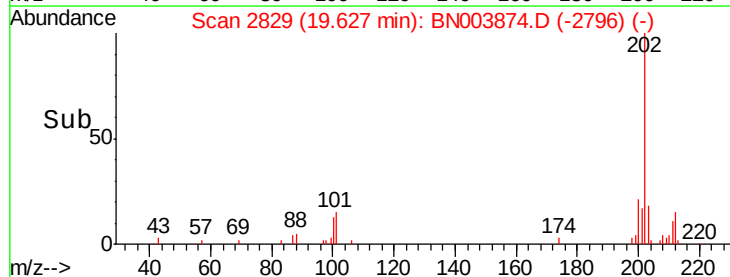
Tgt Ion:202 Resp: 21309  
 Ion Ratio Lower Upper  
 202 100  
 101 14.6 12.2 18.2  
 100 12.5 9.9 14.9

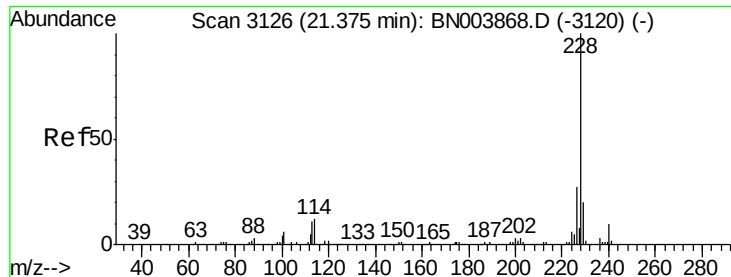


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 100.00 (99.70 to 100.70): B



Time--> 19.60 19.65





#82

Benzo(a)anthracene

Concen: 1.614 ng/ul

RT: 21.43 min Scan# 3135

Delta R.T. 0.05 min

Lab File: BN003874.D

Acq: 13 Dec 2018 04:44

Instrument :

BNA\_N

ClientSampleId :

F9E58

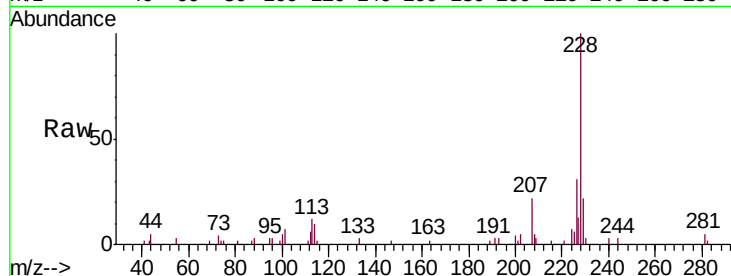
Tgt Ion:228 Resp: 25000

Ion Ratio Lower Upper

228 100

229 22.0 15.9 23.9

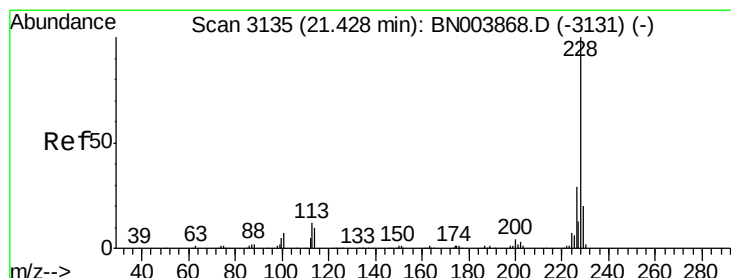
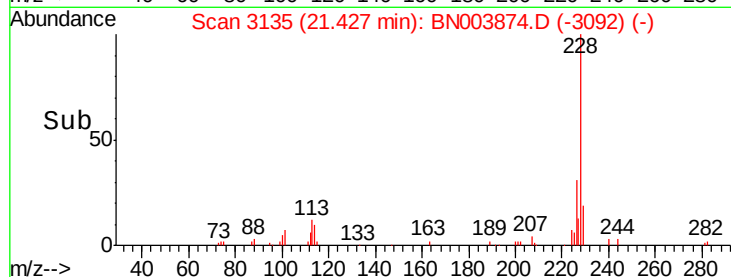
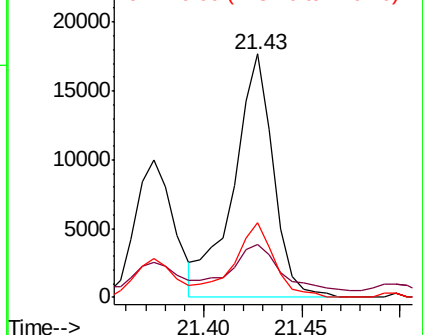
226 30.8 21.4 32.2



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



#84

Chrysene

Concen: 1.723 ng/ul

RT: 21.43 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BN003874.D

Acq: 13 Dec 2018 04:44

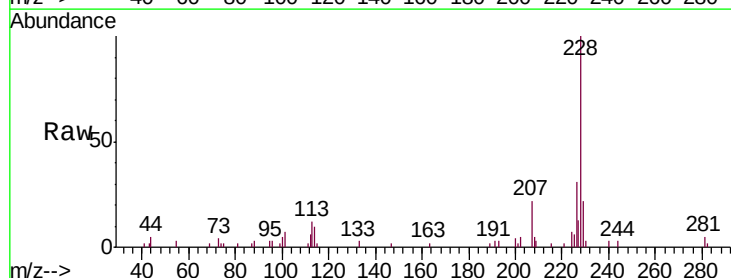
Tgt Ion:228 Resp: 25000

Ion Ratio Lower Upper

228 100

226 30.8 23.8 35.8

229 22.0 15.8 23.6



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

