

Data File : BE098014.D  
Acq On : 22 Oct 2018 18:05  
Operator : SJ/JU  
Sample : PB114025BL  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
SBLK25

Quant Time: Oct 23 02:37:39 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE101018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 23 02:34:53 2018  
Response via : Initial Calibration

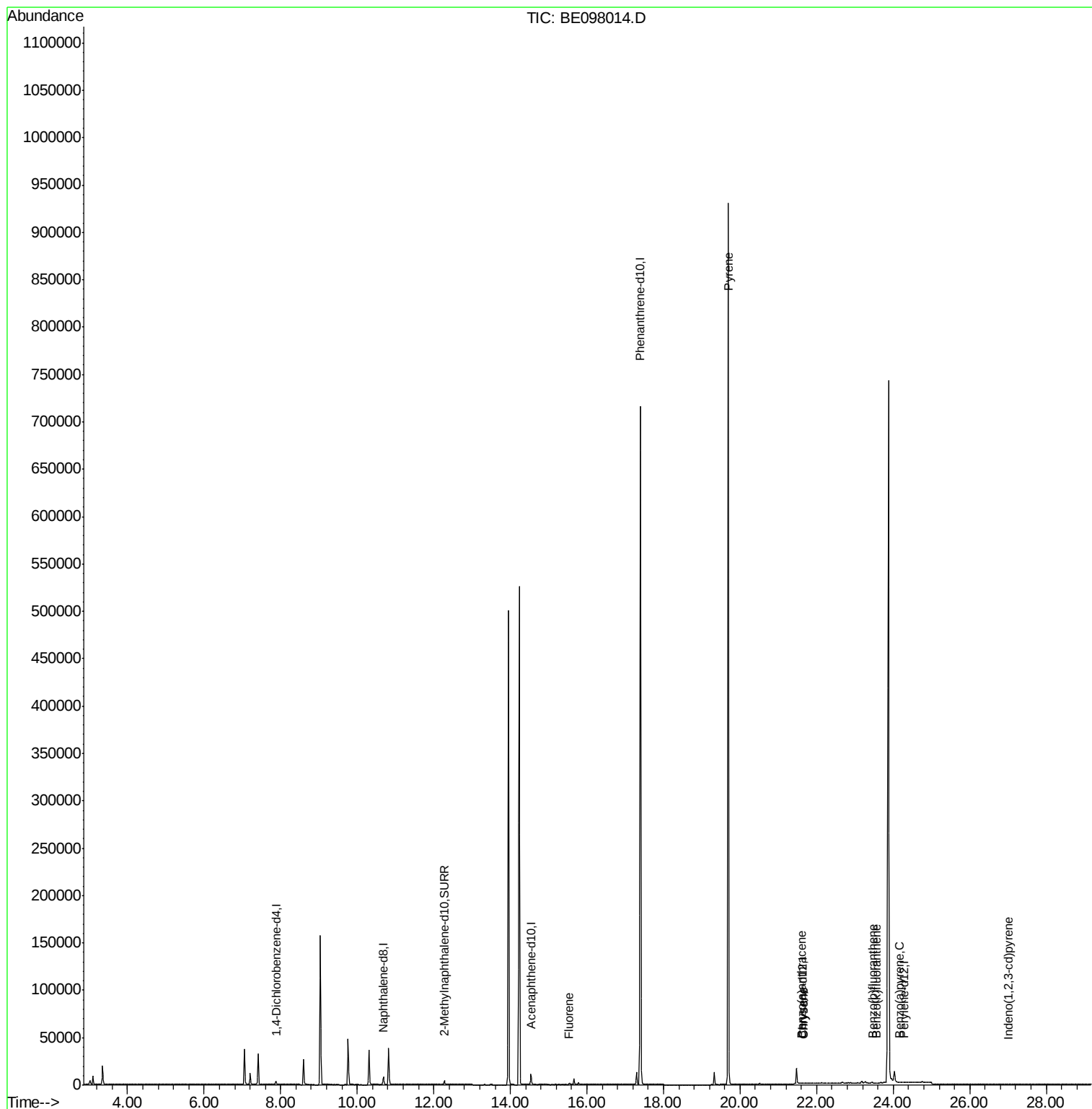
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.88  | 152  | 1721     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.68 | 136  | 8557     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.54 | 164  | 6456     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.39 | 188  | 884504   | 0.40   | ng/ul  | 0.10     |
| 16) Chrysene-d12            | 21.64 | 240  | 30       | 0.40   | ng/ul  | 0.16     |
| 20) Perylene-d12            | 24.28 | 264  | 166      | 0.40   | ng/ul  | 0.25     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 5065     | 0.38   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 0.00  | 212  | 0        | 0.00   | ng/ul  |          |
| Target Compounds            |       |      |          |        |        |          |
|                             |       |      |          |        | Qvalue |          |
| 9) Fluorene                 | 15.54 | 166  | 1408     | 0.062  | ng/ul# | 15       |
| 17) Pyrene                  | 19.69 | 202  | 1403     | 19.035 | ng/ul# | 1        |
| 18) Benzo(a)anthracene      | 21.62 | 228  | 14       | 0.168  | ng/ul# | 1        |
| 19) Chrysene                | 21.67 | 228  | 11       | 0.137  | ng/ul# | 1        |
| 21) Benzo(b)fluoranthene    | 23.48 | 252  | 39       | 0.091  | ng/ul# | 1        |
| 22) Benzo(k)fluoranthene    | 23.55 | 252  | 13       | 0.027  | ng/ul# | 1        |
| 23) Benzo(a)pyrene          | 24.17 | 252  | 38       | 0.097  | ng/ul# | 1        |
| 24) Indeno(1,2,3-cd)pyrene  | 27.01 | 276  | 12       | 0.027  | ng/ul# | 100      |

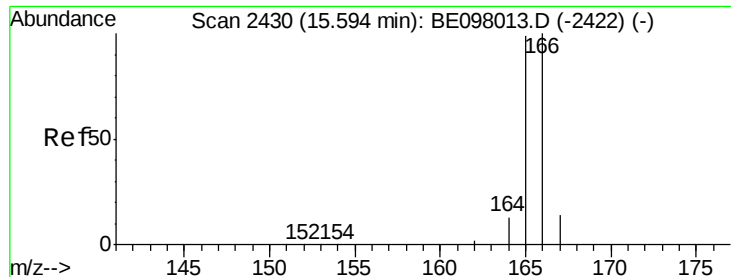
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Fluorene

Concen: 0.062 ng/ul

RT: 15.54 min Scan# 2420

Delta R.T. -0.05 min

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Instrument :

BNA\_E

ClientSampleId :

SBLK25

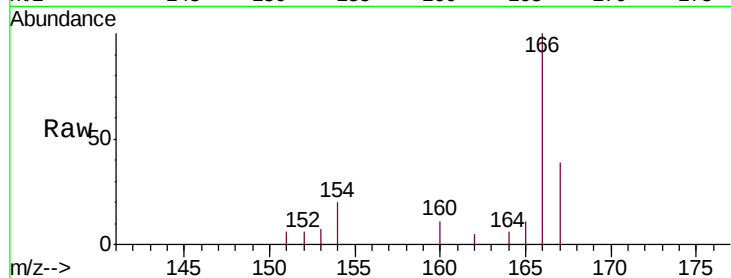
Tgt Ion:166 Resp: 1408

Ion Ratio Lower Upper

166 100

165 11.4 79.2 118.8#

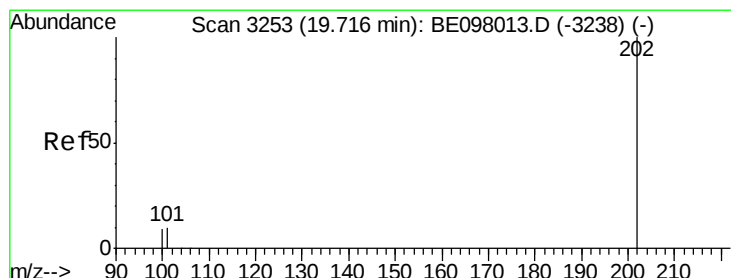
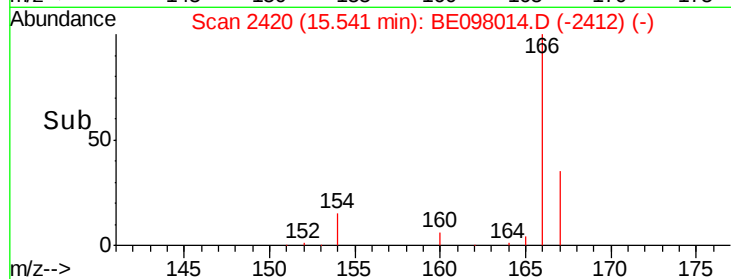
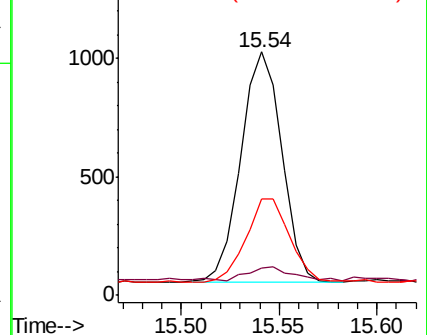
167 39.4 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#17

Pyrene

Concen: 19.035 ng/ul

RT: 19.69 min Scan# 3245

Delta R.T. -0.02 min

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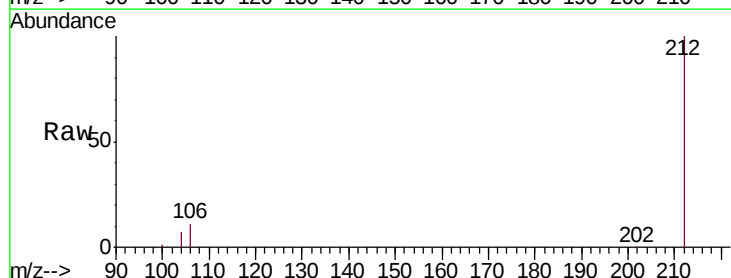
Tgt Ion:202 Resp: 1403

Ion Ratio Lower Upper

202 100

101 164.8 8.8 13.2#

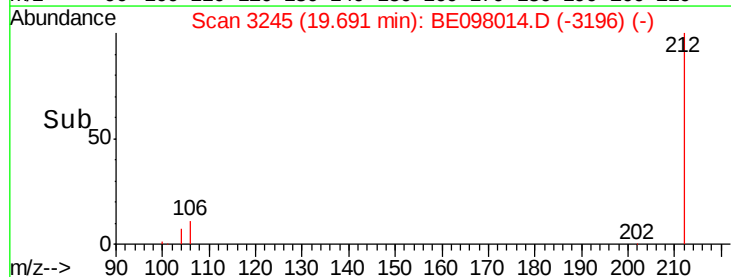
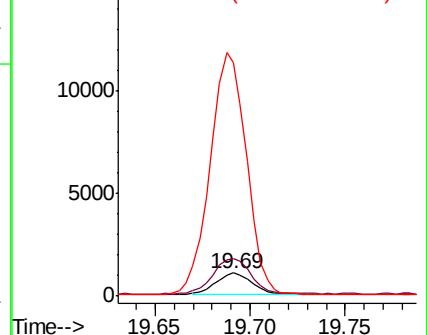
100 1017.6 7.9 11.9#

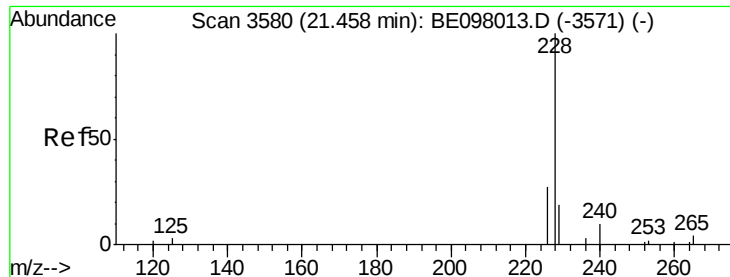


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 0.168 ng/ul

RT: 21.62 min Scan# 3601

Delta R.T. 0.16 min

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BNA\_E

ClientSampleId :

SBLK25

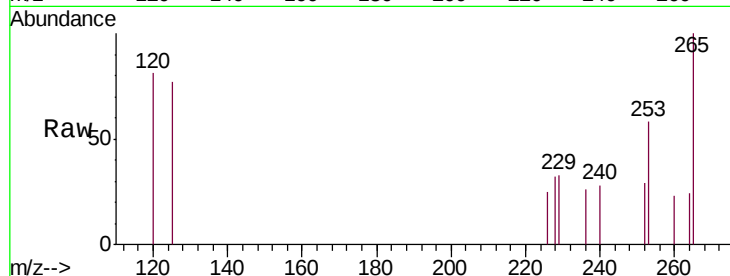
Tgt Ion:228 Resp: 14

Ion Ratio Lower Upper

228 100

229 101.6 16.4 24.6#

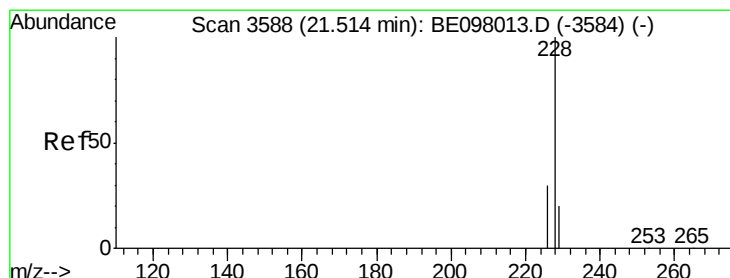
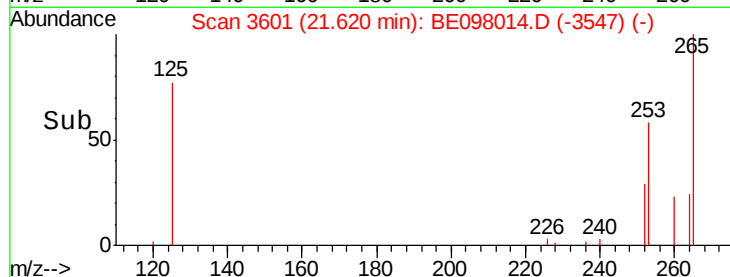
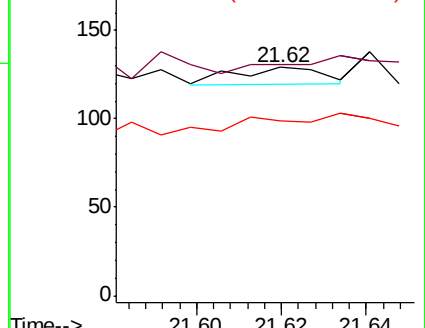
226 76.7 21.5 32.3#



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



#19

Chrysene

Concen: 0.137 ng/ul

RT: 21.67 min Scan# 3608

Delta R.T. 0.15 min

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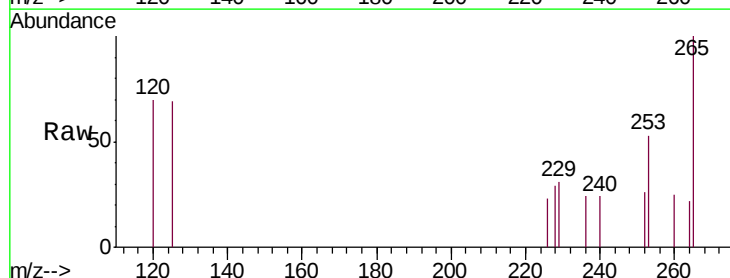
Tgt Ion:228 Resp: 11

Ion Ratio Lower Upper

228 100

226 77.5 23.0 34.4#

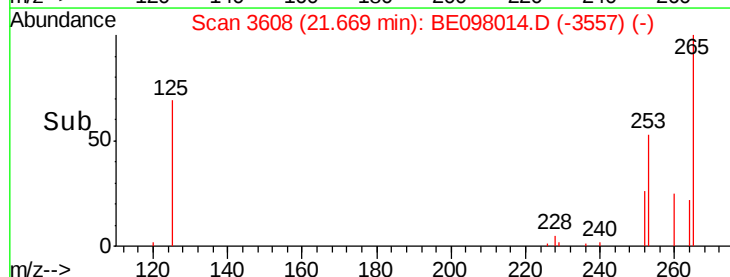
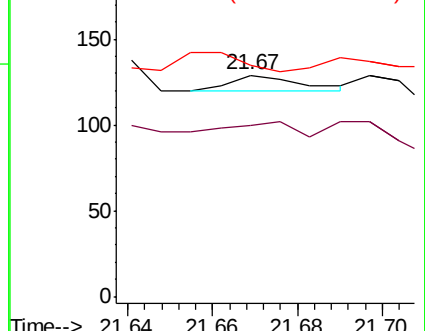
229 104.7 15.5 23.3#

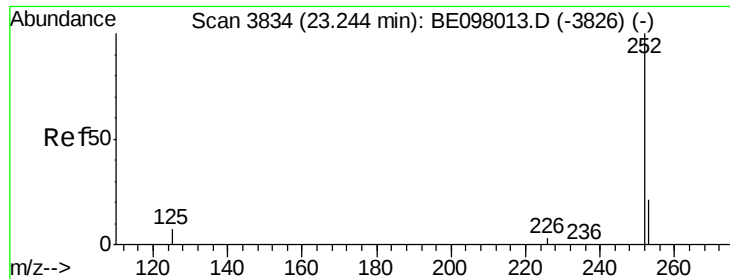


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.091 ng/ul

RT: 23.48 min Scan# 3865

Delta R.T. 0.23 min

Lab File: BE098014.D

Acq: 22 Oct 2018 18:05

Instrument :

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ClientSampleId :

SBLK25

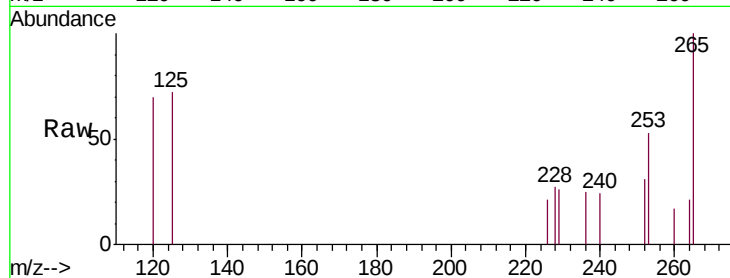
Tgt Ion:252 Resp: 39

Ion Ratio Lower Upper

252 100

253 170.5 0.0 47.0#

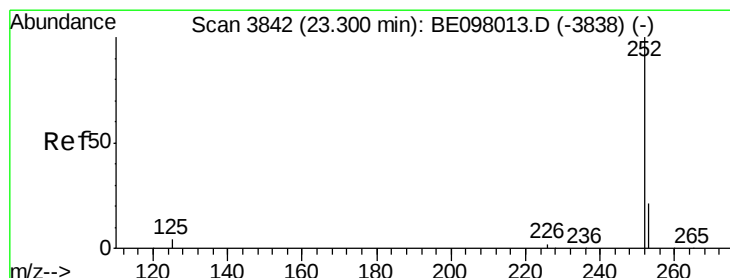
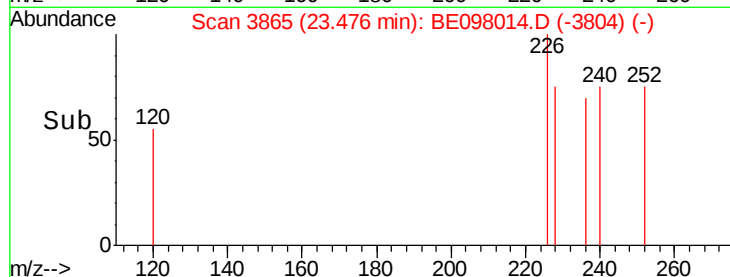
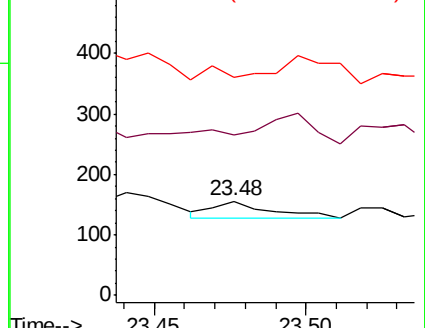
125 231.4 0.0 18.2#



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



#22

Benzo(k)fluoranthene

Concen: 0.027 ng/ul

RT: 23.55 min Scan# 3875

Delta R.T. 0.25 min

Lab File: BE098014.D

Acq: 22 Oct 2018 18:05

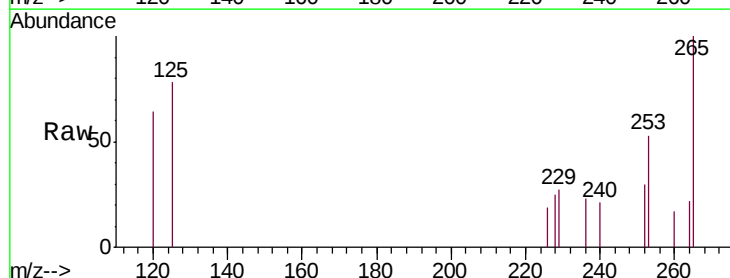
Tgt Ion:252 Resp: 13

Ion Ratio Lower Upper

252 100

253 179.5 17.8 26.6#

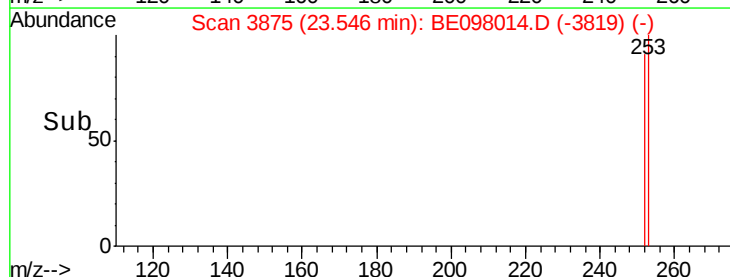
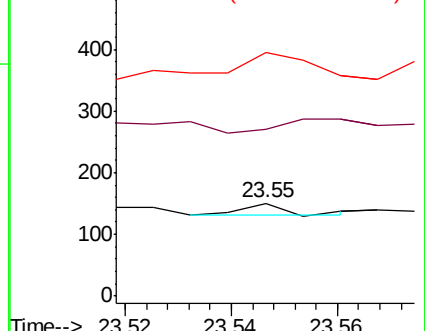
125 261.6 9.4 14.0#

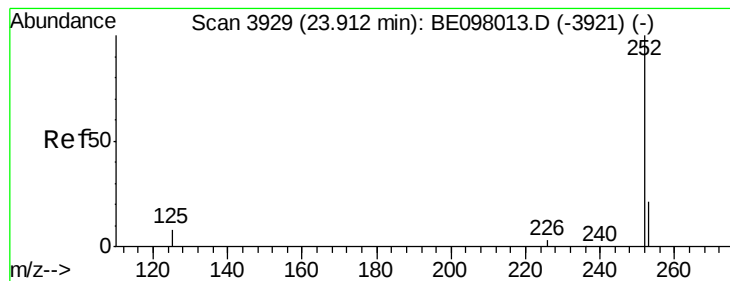


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.097 ng/u1

RT: 24.17 min Scan# 3964

Delta R.T. 0.26 min

Lab File: BE098014.D

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SBLK25

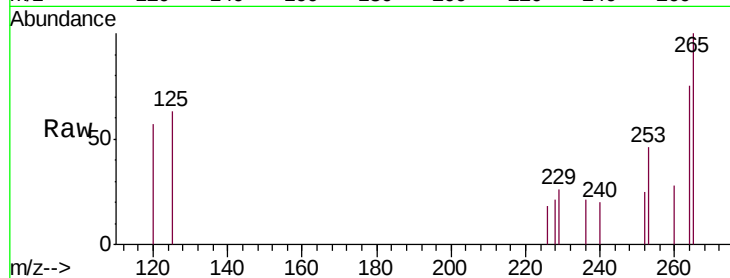
Tgt Ion:252 Resp: 38

Ion Ratio Lower Upper

252 100

253 185.1 18.2 27.4#

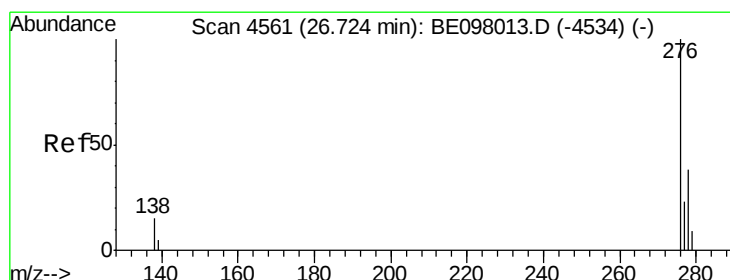
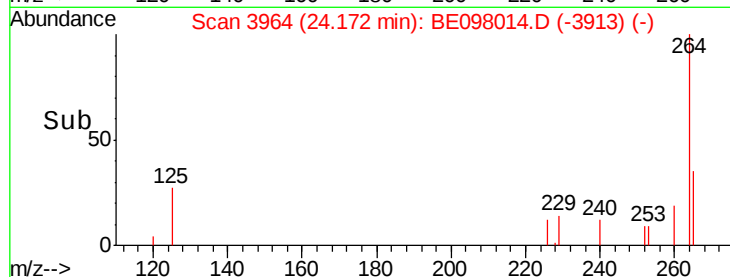
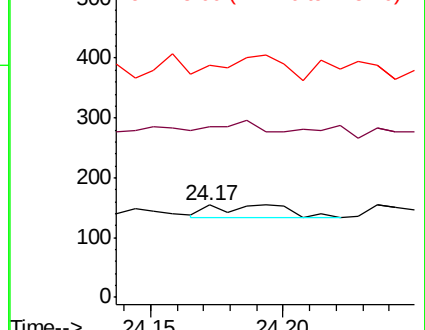
125 251.9 8.3 12.5#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.027 ng/u1

RT: 27.01 min Scan# 4640

Delta R.T. 0.29 min

Lab File: BE098014.D

Acq: 22 Oct 2018 18:05

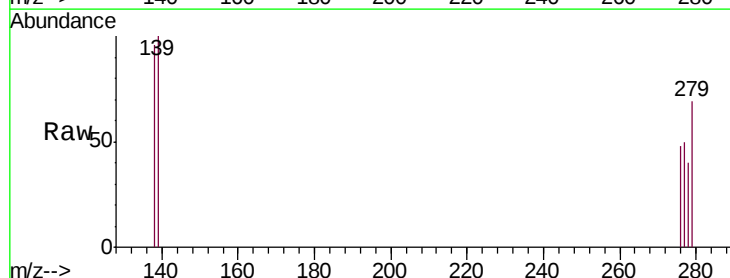
Tgt Ion:276 Resp: 12

Ion Ratio Lower Upper

276 100

138 208.3 0.0 0.0#

227 0.0 0.0 0.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

