

Data File : BE093169.D  
Acq On : 14 Jun 2017 14:47  
Operator : SJ/MA  
Sample : I3558-19  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
F5E14

Quant Time: Jun 15 02:27:50 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 02:27:21 2017  
Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.74  | 152  | 3849     | 0.40 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.52 | 136  | 18823    | 0.40 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.37 | 164  | 11817    | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 0.00  | 188  | 0        | 0.00 | ng/ul  | -17.10   |
| 16) Chrysene-d12            | 21.26 | 240  | 25623    | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.51 | 264  | 1441151  | 0.40 | ng/ul  | -0.15    |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 7769     | 0.28 | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.12 | 212  | 19936    | 0.00 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
| 3) Naphthalene              | 10.57 | 128  | 1831     | 0.04 | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 12.18 | 142  | 473      | 0.01 | ng/ul  | 93       |
| 8) Acenaphthene             | 14.43 | 153  | 1042     | 0.03 | ng/ul  | 99       |
| 9) Fluorene                 | 15.42 | 166  | 2473     | 0.05 | ng/ul  | 92       |
| 17) Pyrene                  | 19.51 | 202  | 5645     | 0.07 | ng/ul  | 97       |
| 18) Benzo(a)anthracene      | 21.24 | 228  | 1744     | 0.03 | ng/ul# | 88       |
| 19) Chrysene                | 21.24 | 228  | 1744     | 0.02 | ng/ul  | 95       |

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

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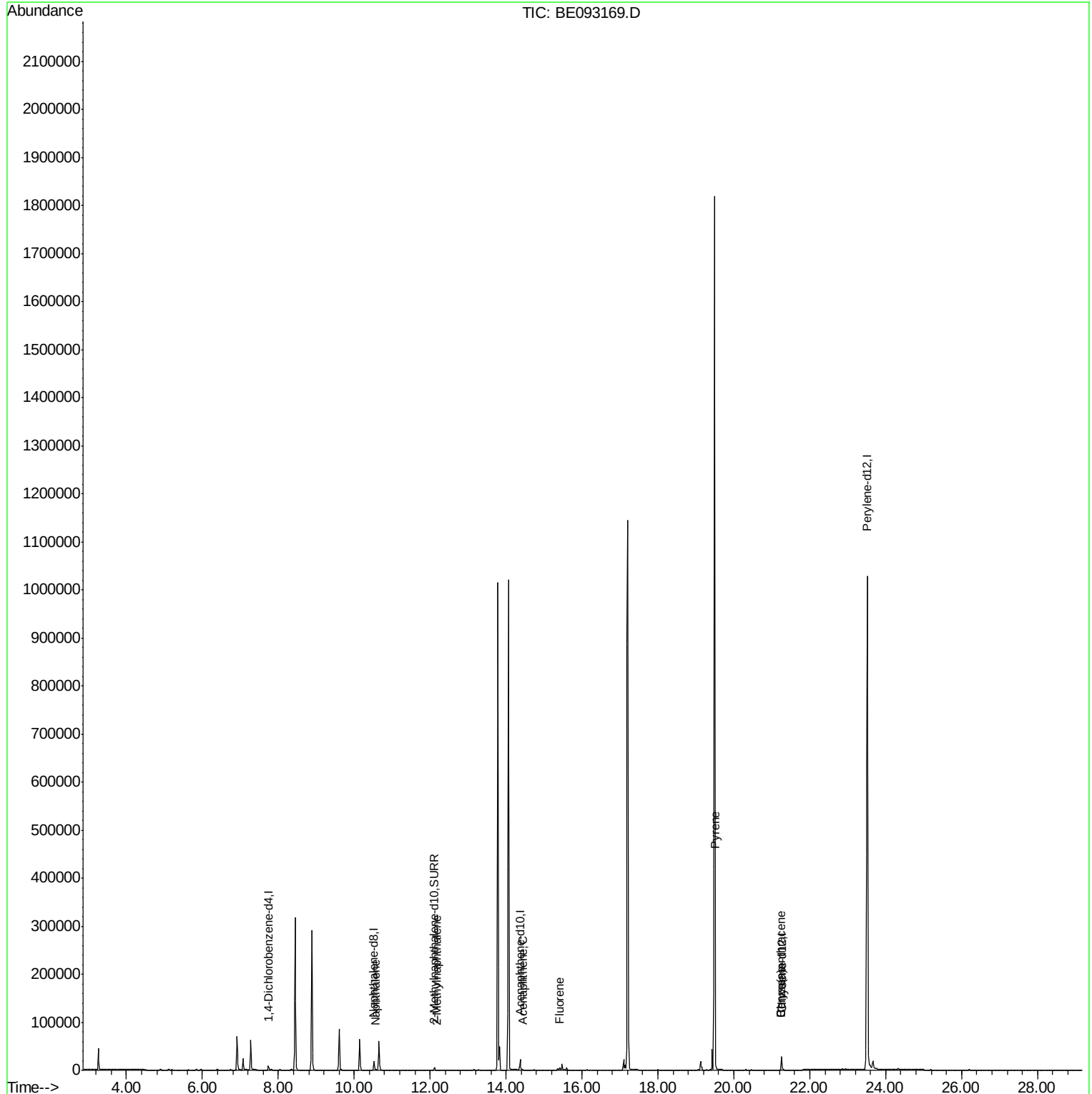
Quant Time: Jun 15 02:27:50 2017

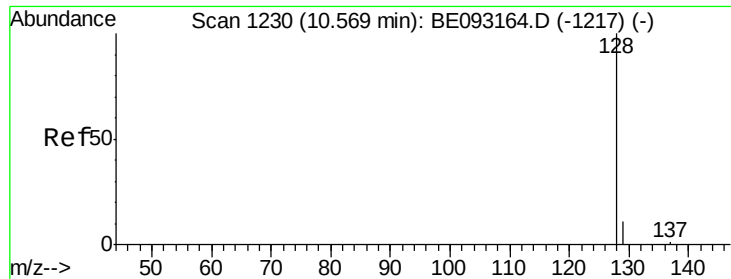
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 02:27:21 2017

Response via : Initial Calibration





#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

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Instrument :

BNA\_E

ClientSampleId :

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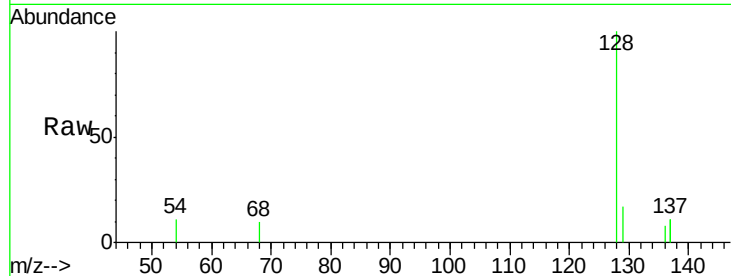
Tgt Ion:128 Resp: 1831

Ion Ratio Lower Upper

128 100

129 17.0 11.3 16.9#

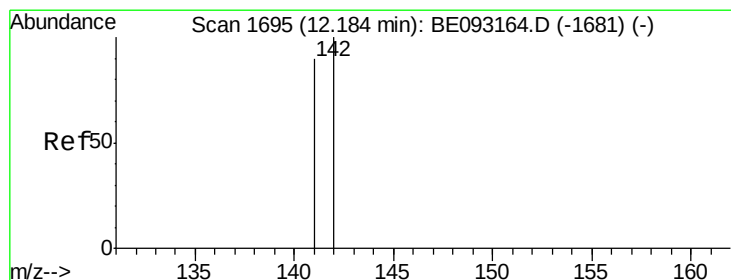
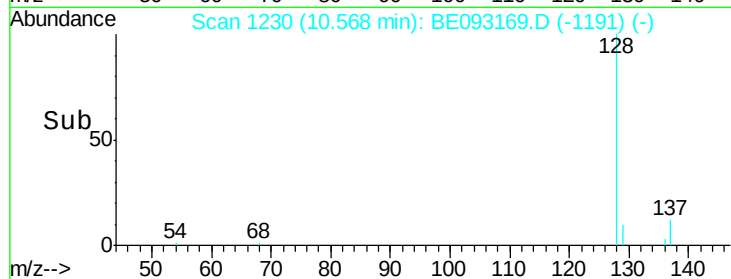
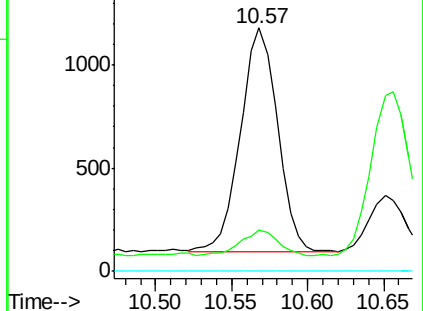
127 0.0 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE093169.D

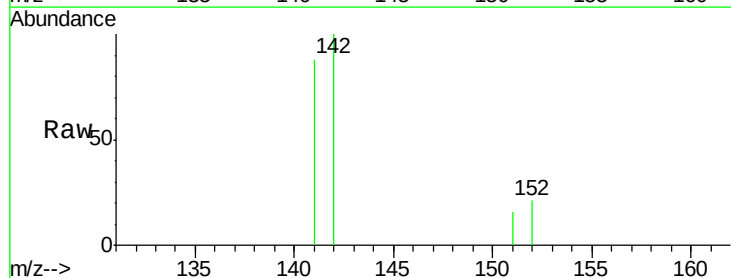
Acq: 14 Jun 2017 14:47

Tgt Ion:142 Resp: 473

Ion Ratio Lower Upper

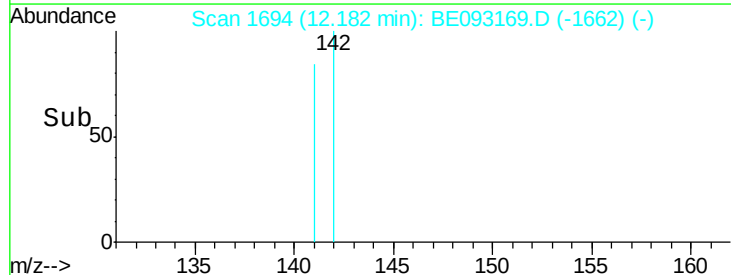
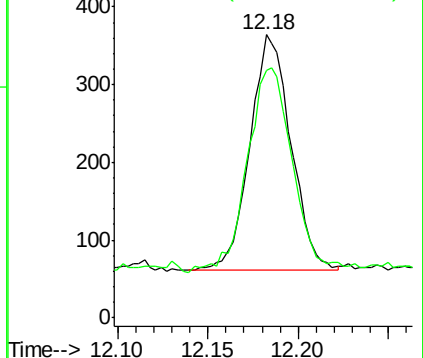
142 100

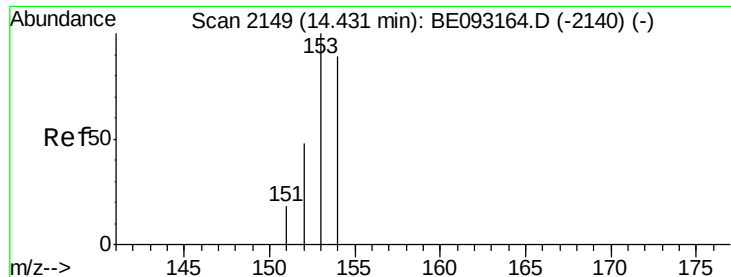
141 97.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.03 ng/ul

RT: 14.43 min Scan# 2148

Delta R.T. -0.00 min

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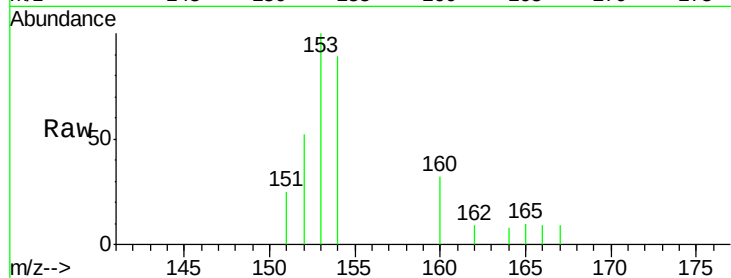
Tgt Ion:153 Resp: 1042

Ion Ratio Lower Upper

153 100

152 52.3 40.3 60.5

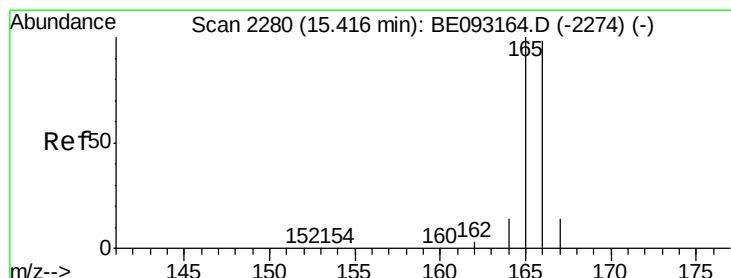
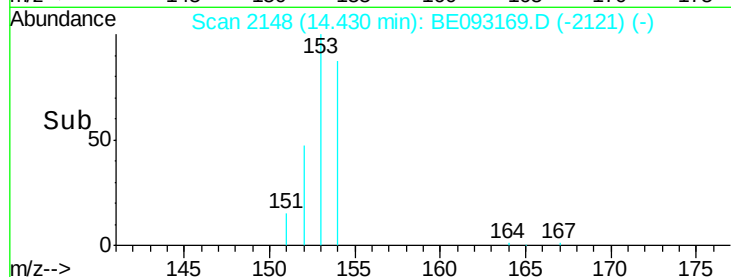
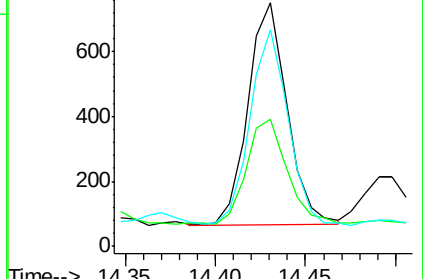
154 88.9 71.4 107.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.05 ng/ul

RT: 15.42 min Scan# 2279

Delta R.T. -0.00 min

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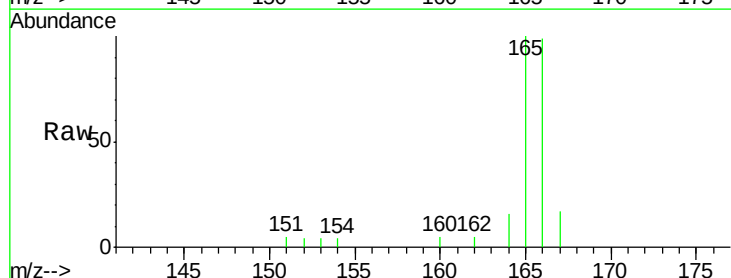
Tgt Ion:166 Resp: 2473

Ion Ratio Lower Upper

166 100

165 100.6 73.4 110.2

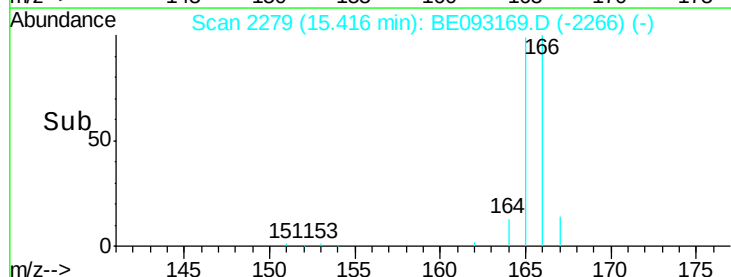
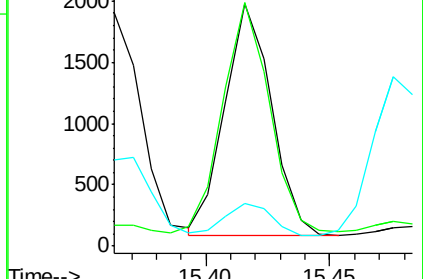
167 17.4 14.6 22.0

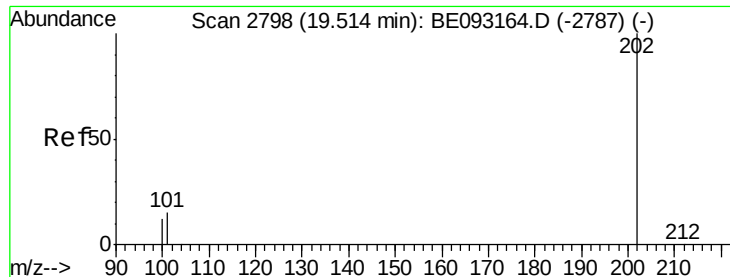


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pyrene

Concen: 0.07 ng/ul

RT: 19.51 min Scan# 2797

Delta R.T. -0.00 min

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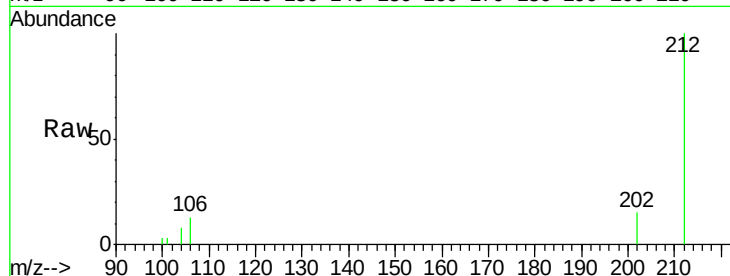
Tgt Ion:202 Resp: 5645

Ion Ratio Lower Upper

202 100

101 19.8 18.2 27.4

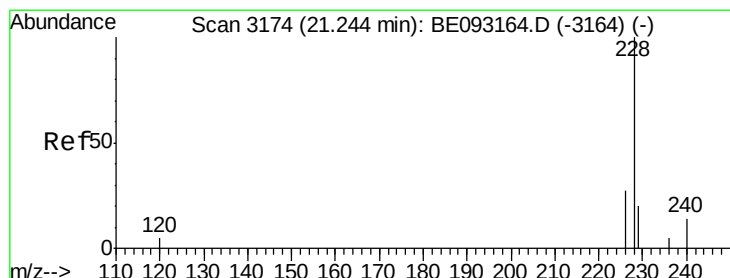
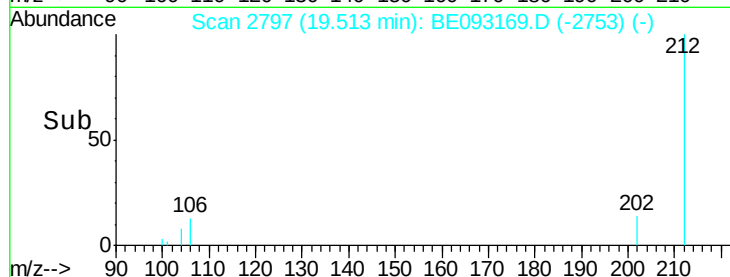
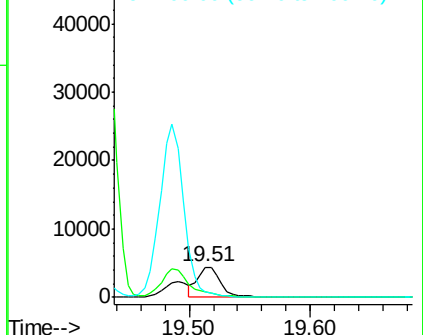
100 19.6 15.6 23.4



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): BE



#18

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.24 min Scan# 3173

Delta R.T. -0.00 min

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Acq: 14 Jun 2017 14:47

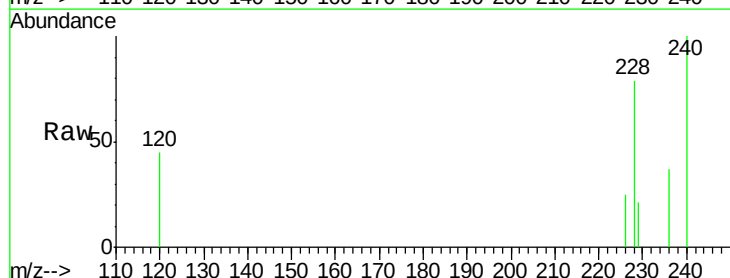
Tgt Ion:228 Resp: 1744

Ion Ratio Lower Upper

228 100

229 26.0 22.8 34.2

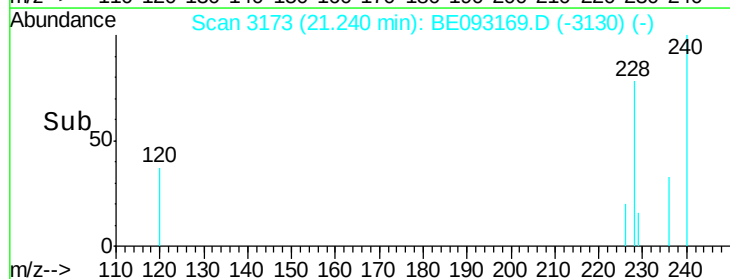
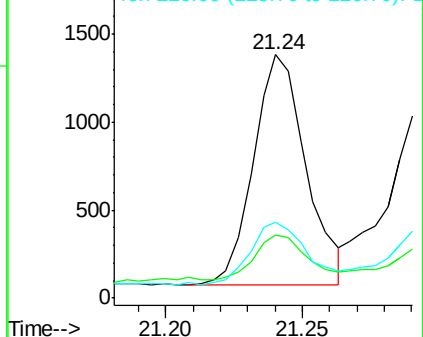
226 31.0 17.0 25.6#

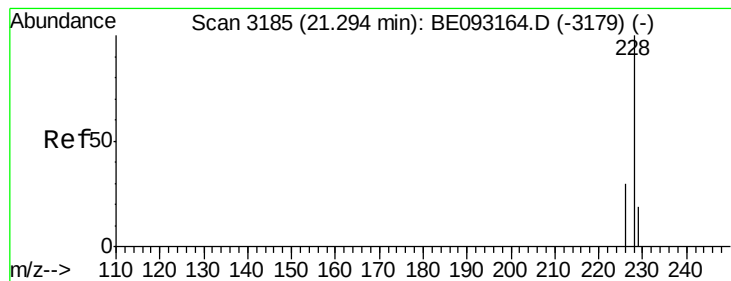


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.02 ng/ul

RT: 21.24 min Scan# 3173

Delta R.T. -0.05 min

Lab File: BE093169.D

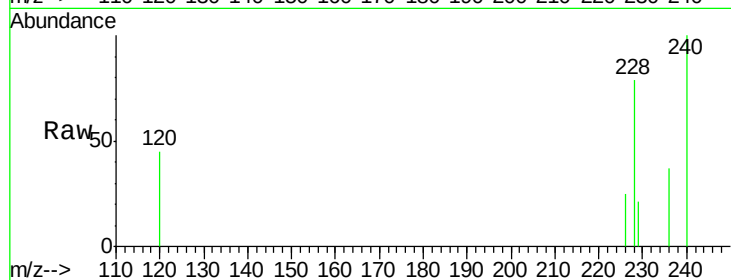
Acq: 14 Jun 2017 14:47

Instrument :

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ClientSampleId :

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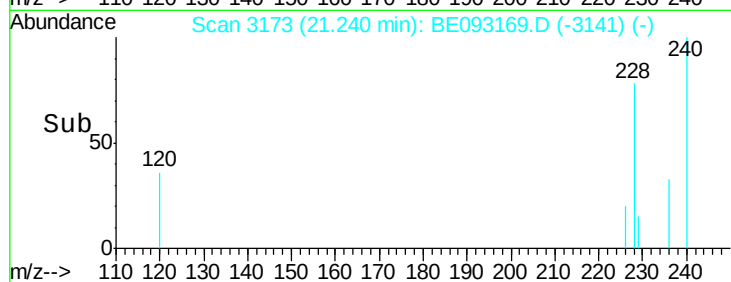
Tgt Ion: 228 Resp: 1744

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.0

229 26.0 17.7 26.5



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

