

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094620.D
 Acq On : 28 Oct 2017 13:27
 Operator : SJ/JU
 Sample : I5842-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA4

Quant Time: Oct 30 02:58:00 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 02:53:50 2017
 Response via : Initial Calibration

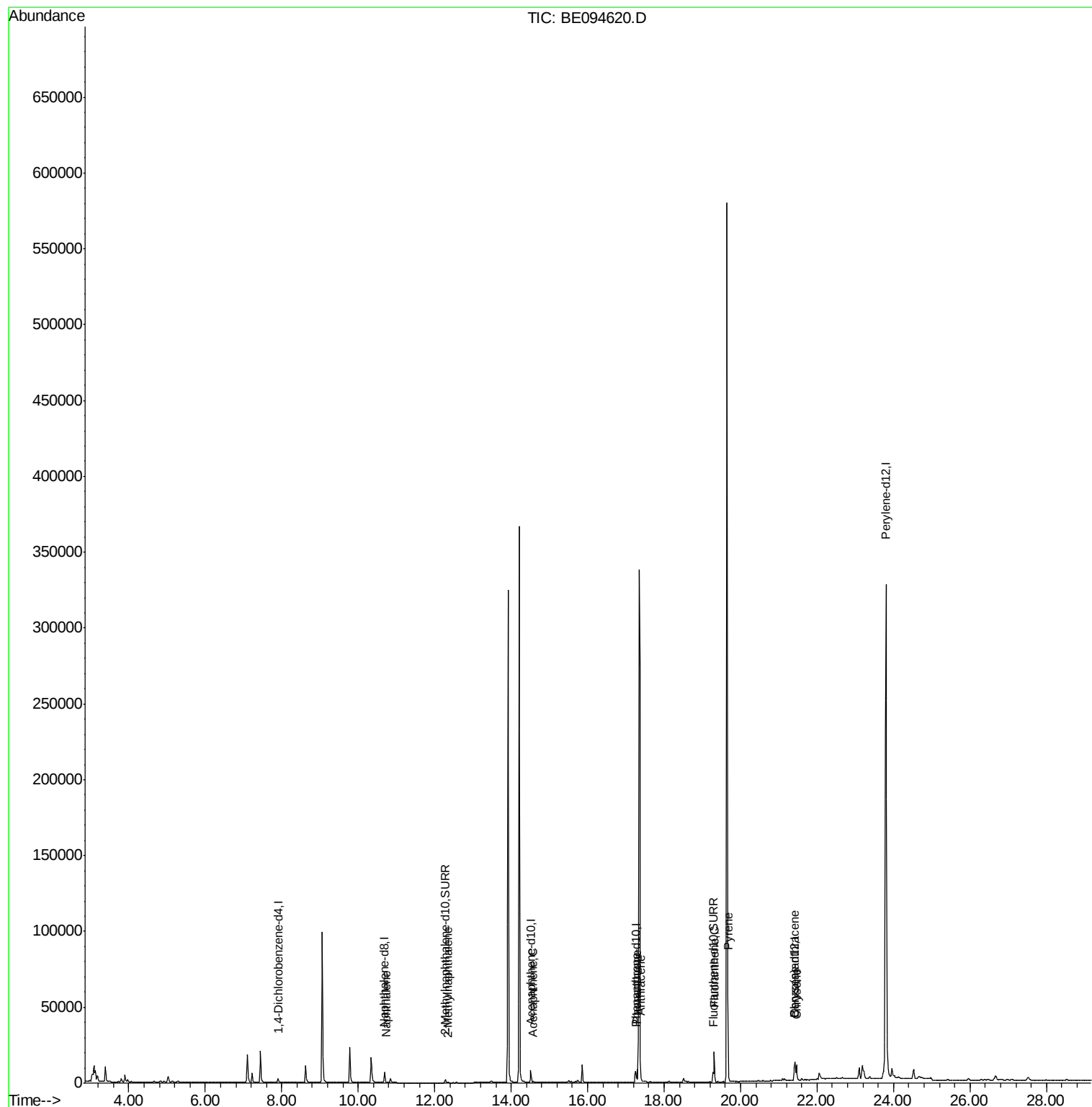
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1401	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	8212	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4670	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9944	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9534	0.40	ng/ul	0.00
20) Perylene-d12	23.80	264	491626	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3192	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	7694	0.26	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.74	128	533	0.03	ng/ul#	72
5) 2-Methylnaphthalene	12.35	142	482	0.03	ng/ul	97
8) Acenaphthene	14.57	153	310	0.02	ng/ul#	91
12) Phenanthrene	17.29	178	9909	0.38	ng/ul#	91
13) Anthracene	17.38	178	1147	0.04	ng/ul#	83
15) Fluoranthene	19.31	202	23433	0.77	ng/ul	84
17) Pyrene	19.67	202	20983	0.71	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	9006	0.33	ng/ul#	89
19) Chrysene	21.46	228	11641	0.41	ng/ul	93

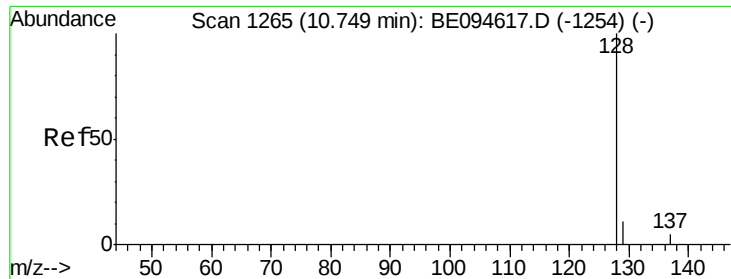
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094620.D
Acq On : 28 Oct 2017 13:27
Operator : SJ/JU
Sample : I5842-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA4

Quant Time: Oct 30 02:58:00 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094620.D

Acq: 28 Oct 2017 13:27

Instrument :

BNA_E

ClientSampleId :

C0AA4

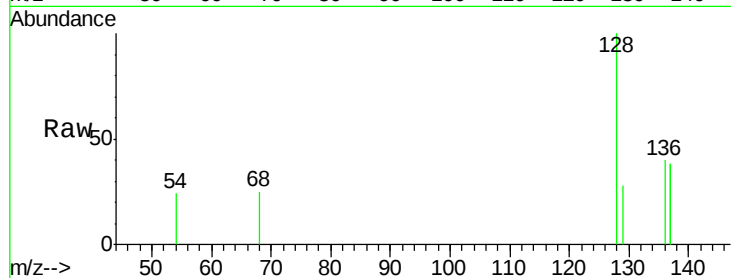
Tot Ion:128 Resp: 533

Ion Ratio Lower Upper

128 100

129 27.6 11.3 16.9#

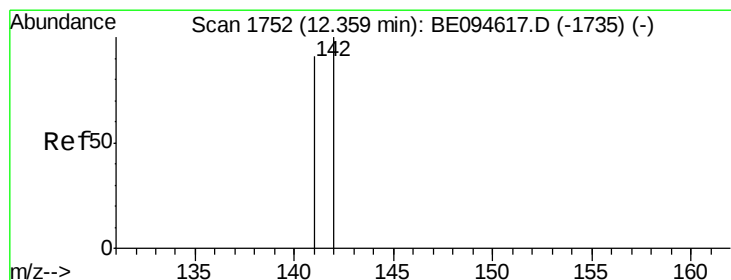
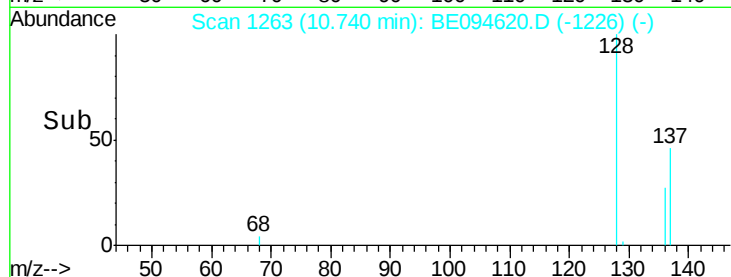
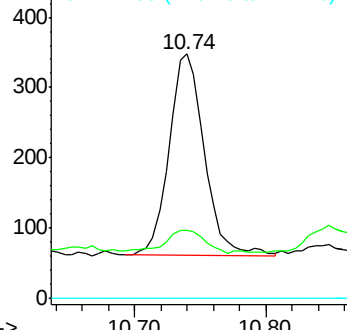
127 0.0 4.0 6.0#



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: 0.03 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BE094620.D

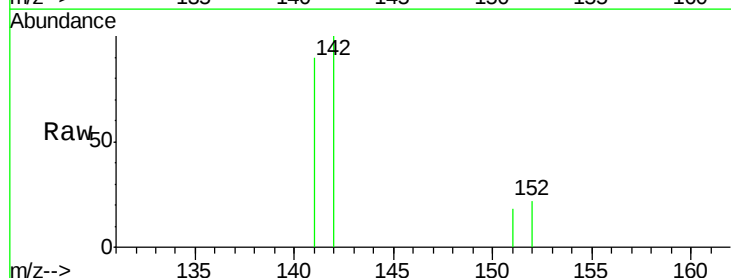
Acq: 28 Oct 2017 13:27

Tgt Ion:142 Resp: 482

Ion Ratio Lower Upper

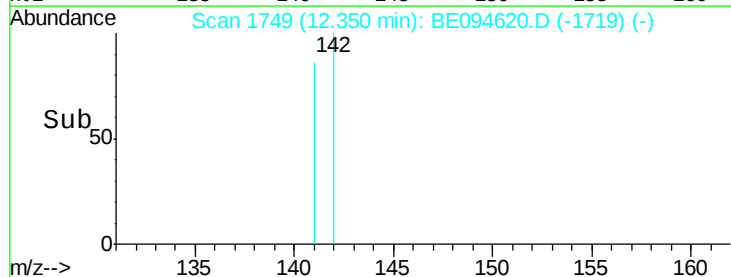
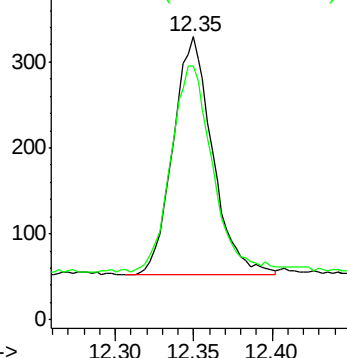
142 100

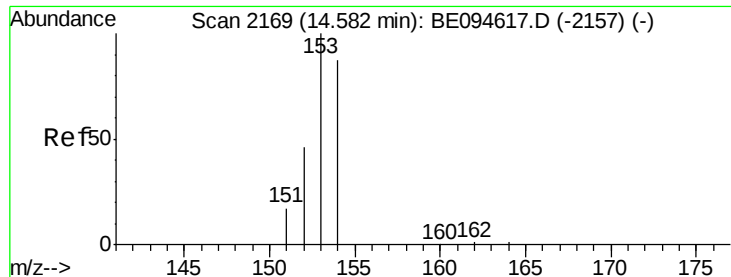
141 93.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.02 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094620.D

Acq: 28 Oct 2017 13:27

Instrument :

BNA_E

ClientSampleId :

C0AA4

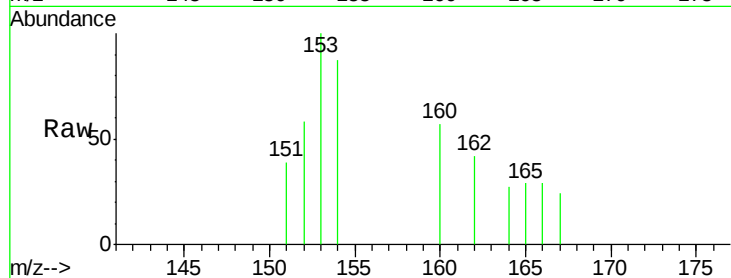
Tot Ion:153 Resp: 310

Ion Ratio Lower Upper

153 100

152 58.4 36.0 54.0#

154 87.0 72.0 108.0



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

14.57

250

200

150

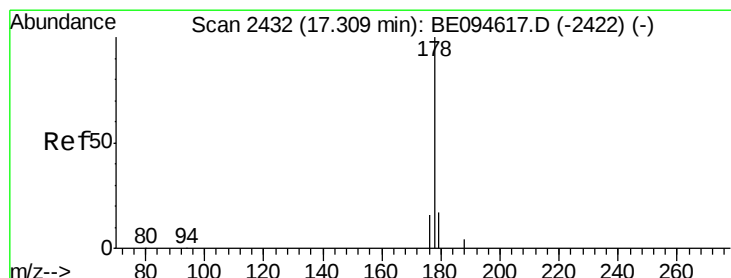
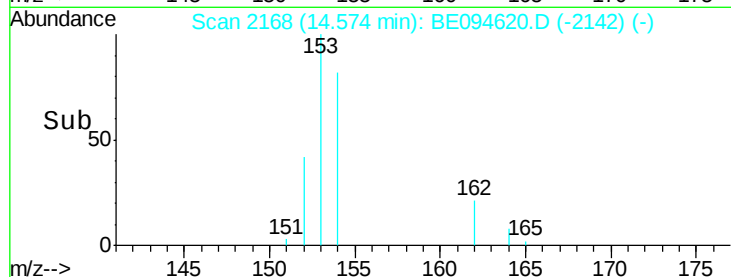
100

50

0

14.50 14.60

Time-->



#12

Phenanthrene

Concen: 0.38 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094620.D

Acq: 28 Oct 2017 13:27

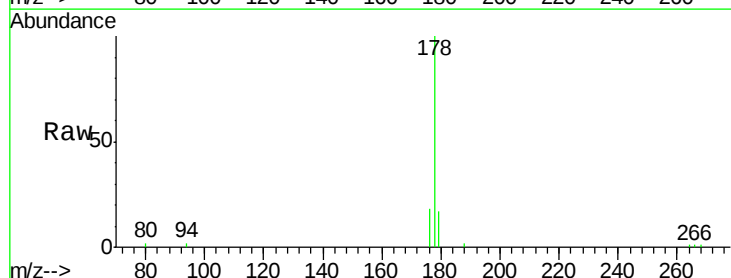
Tgt Ion:178 Resp: 9909

Ion Ratio Lower Upper

178 100

179 16.9 18.4 27.6#

176 18.4 13.6 20.4



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

17.29

8000

6000

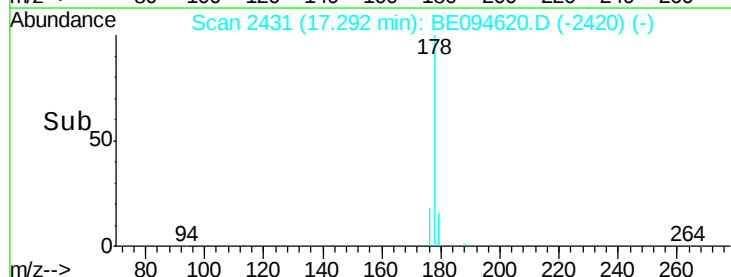
4000

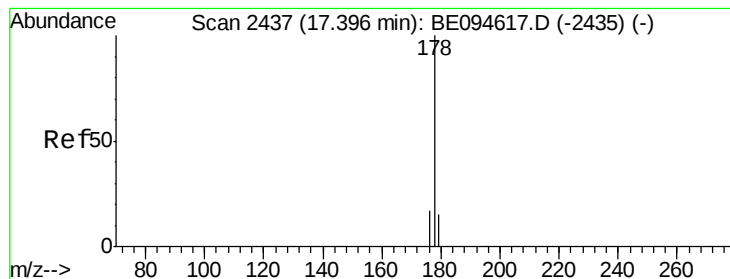
2000

0

17.10 17.20 17.30 17.40

Time-->





#13

Anthracene

Concen: 0.04 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094620.D

Acq: 28 Oct 2017 13:27

Instrument :

BNA_E

ClientSampleId :

C0AA4

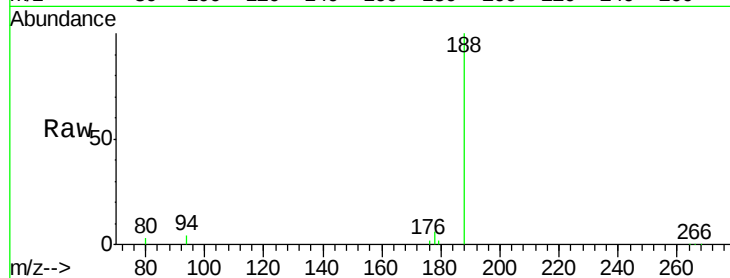
Tot Ion:178 Resp: 1147

Ion Ratio Lower Upper

178 100

179 29.7 18.1 27.1#

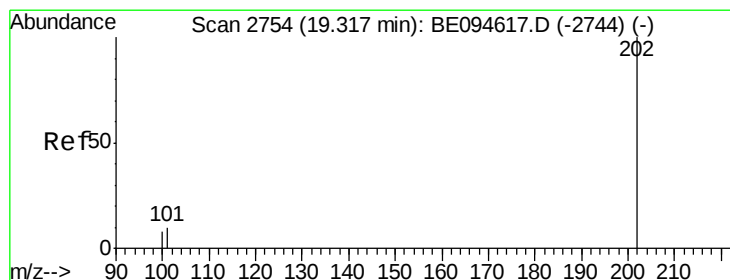
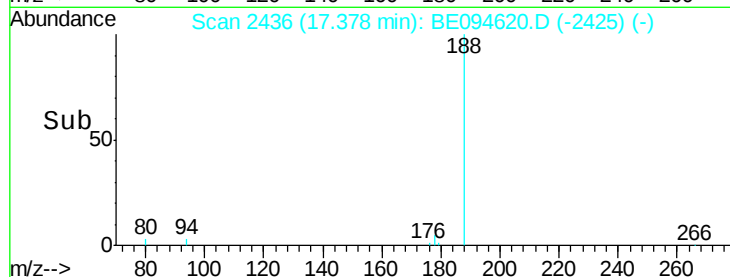
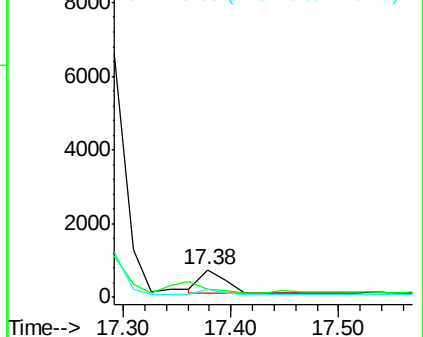
176 27.2 14.7 22.1#



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



#15

Fluoranthene

Concen: 0.77 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094620.D

Acq: 28 Oct 2017 13:27

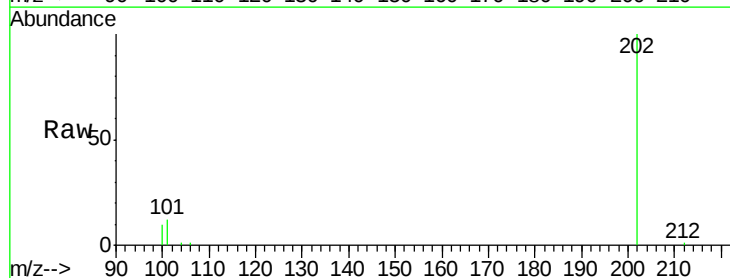
Tgt Ion:202 Resp: 23433

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.3

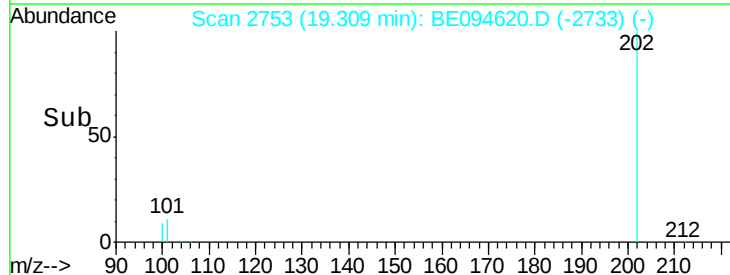
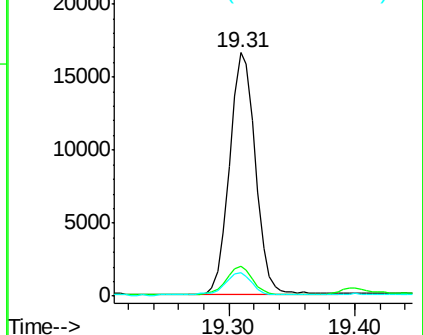
100 9.5 0.0 39.5

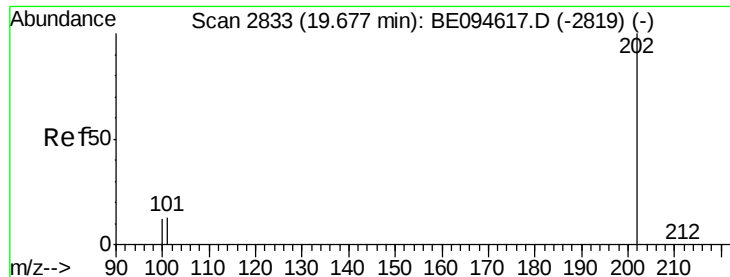


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.71 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094620.D

Acq: 28 Oct 2017 13:27

Instrument :

BNA_E

ClientSampleId :

C0AA4

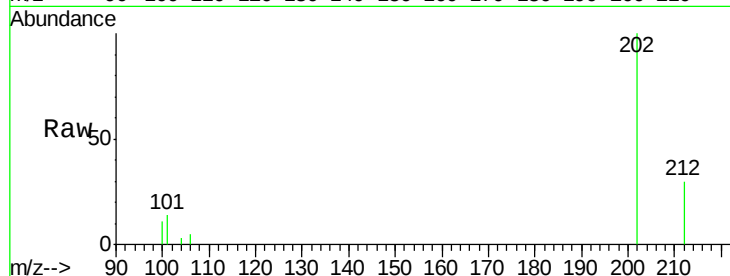
Tot Ion:202 Resp: 20983

Ion Ratio Lower Upper

202 100

101 13.5 18.2 27.4#

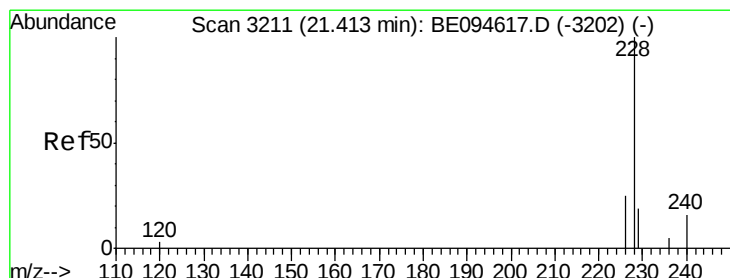
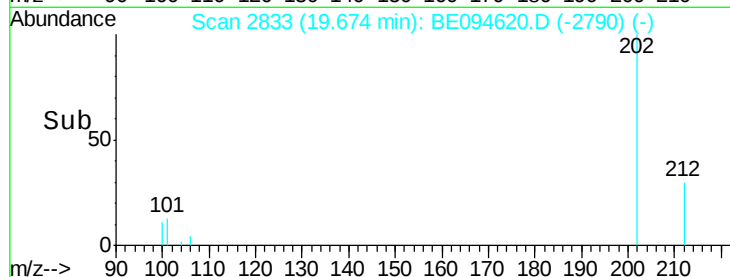
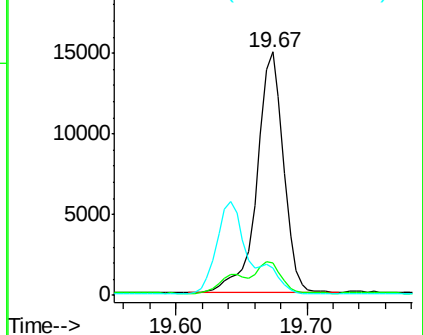
100 11.3 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 0.33 ng/ul

RT: 21.41 min Scan# 3210

Delta R.T. -0.01 min

Lab File: BE094620.D

Acq: 28 Oct 2017 13:27

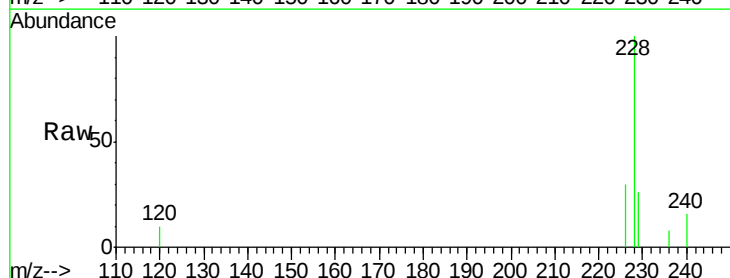
Tgt Ion:228 Resp: 9006

Ion Ratio Lower Upper

228 100

229 26.0 22.8 34.2

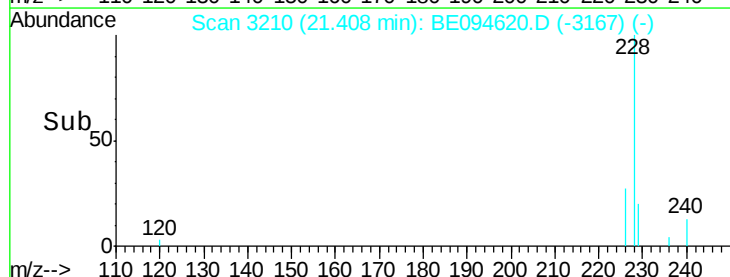
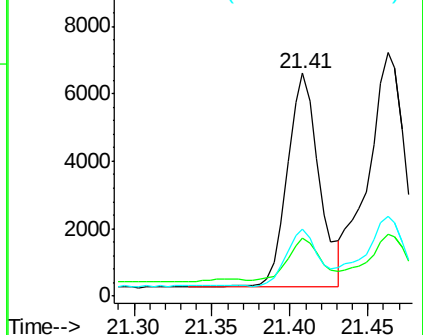
226 30.0 17.0 25.6#

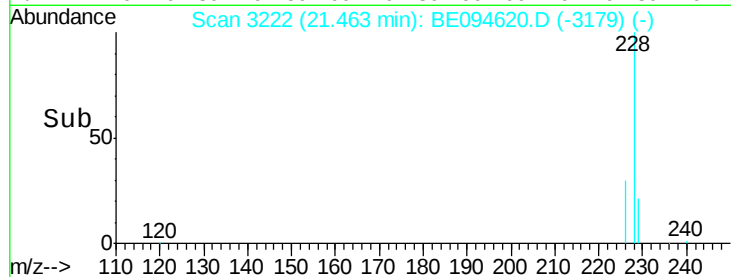
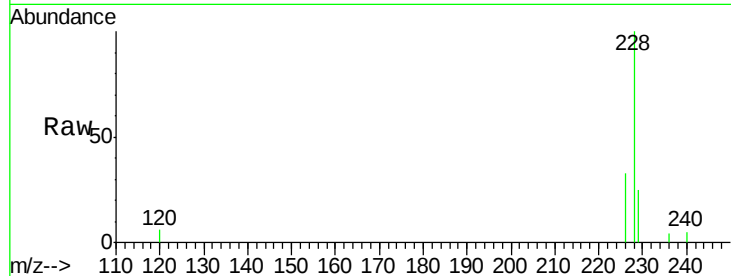
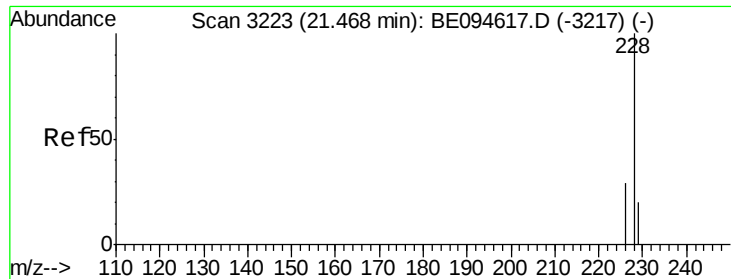


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.41 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BE094620.D

Acq: 28 Oct 2017 13:27

Instrument :

BNA_E

ClientSampleId :

C0AA4

Tot Ion:228 Resp: 11641

Ion Ratio Lower Upper

228 100

226 32.8 23.4 35.0

229 25.3 17.7 26.5

