

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103117\
 Data File : BE094670.D
 Acq On : 31 Oct 2017 22:25
 Operator : SJ/JU
 Sample : I5844-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 01 02:59:01 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 02:55:07 2017
 Response via : Initial Calibration

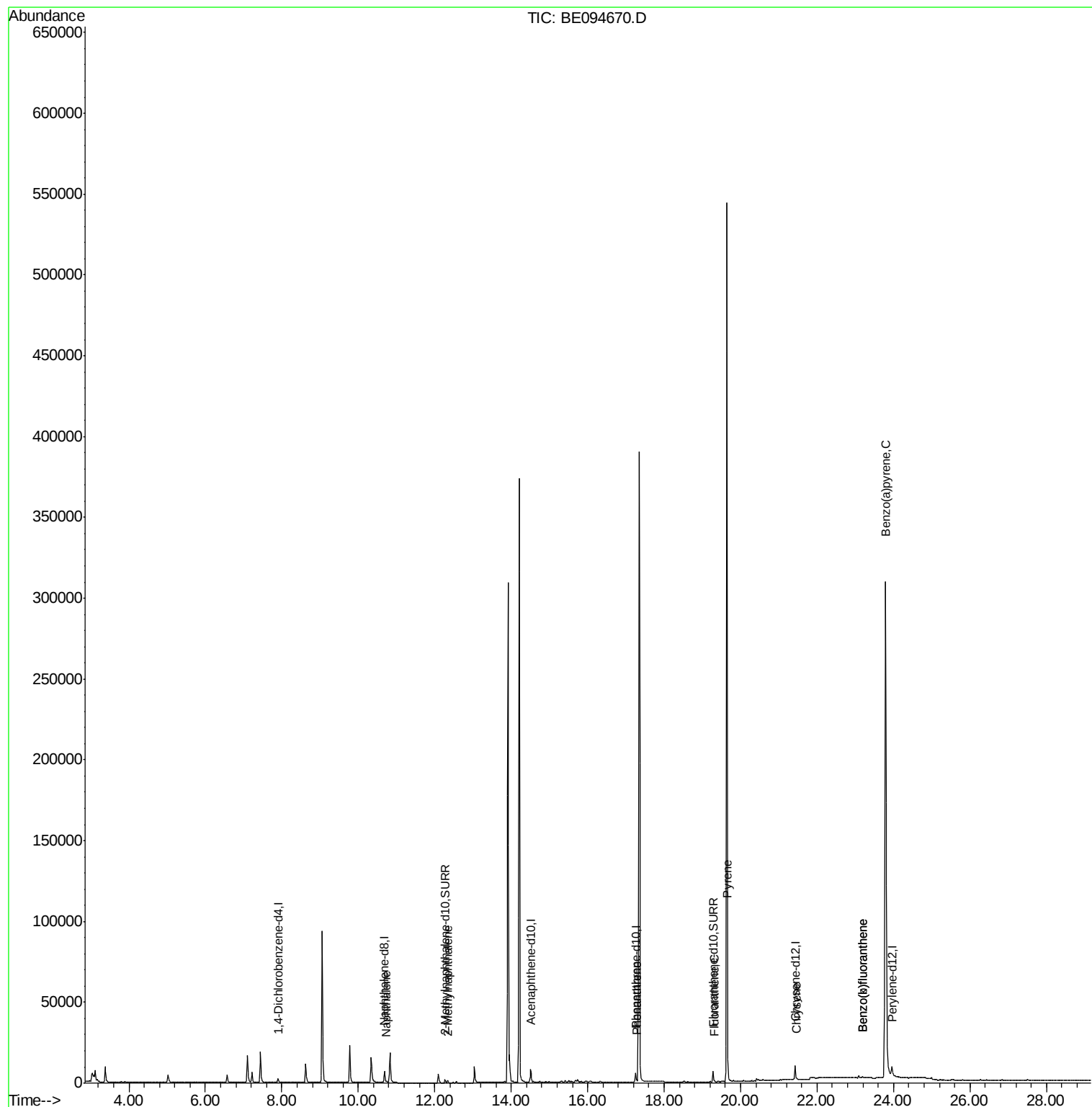
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1309	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	7990	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	4672	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9391	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9245	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	14411	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3252	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	7727	0.28	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.73	128	907	0.05	ng/ul#	80
5) 2-Methylnaphthalene	12.34	142	1180	0.09	ng/ul	97
12) Phenanthrene	17.29	178	1587	0.06	ng/ul#	91
15) Fluoranthene	19.31	202	928	0.03	ng/ul	88
17) Pyrene	19.67	202	843	0.03	ng/ul#	84
19) Chrysene	21.46	228	584	0.02	ng/ul#	1
21) Benzo(b)fluoranthene	23.18	252	1090	0.03	ng/ul#	1
22) Benzo(k)fluoranthene	23.18	252	1090	0.03	ng/ul#	1
23) Benzo(a)pyrene	23.79	252	2020	0.05	ng/ul#	1

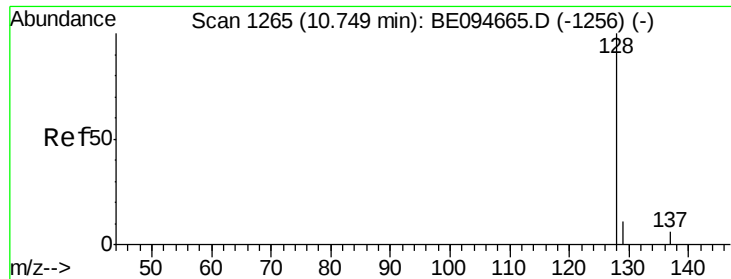
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.05 ng/ul

RT: 10.73 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE094670.D

Acq: 31 Oct 2017 22:25

Instrument :

BNA_E

ClientSampleId :

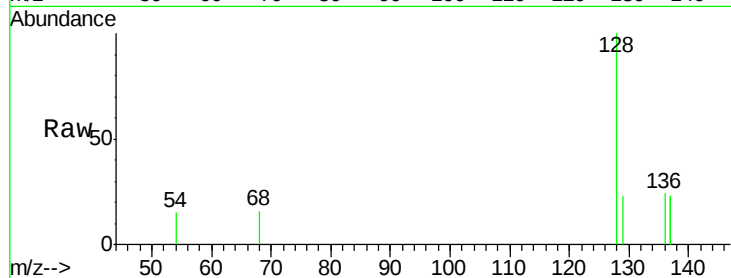
Tot Ion:128 Resp: 907

Ion Ratio Lower Upper

128 100

129 22.9 11.3 16.9#

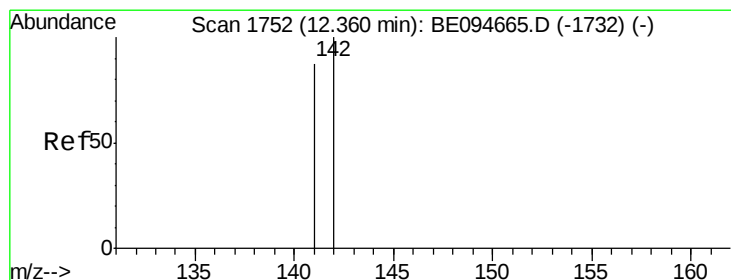
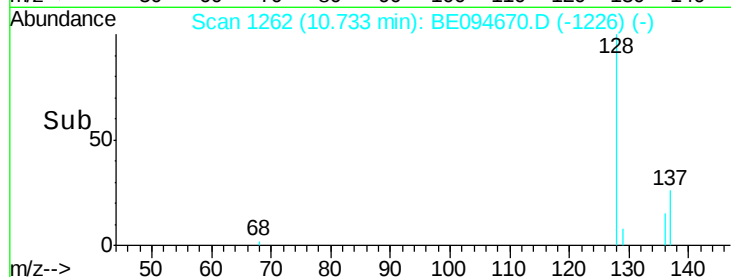
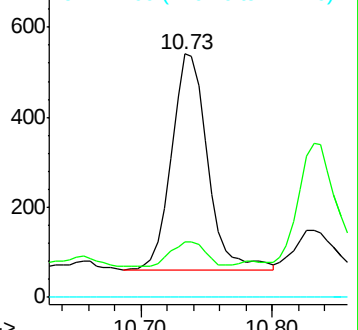
127 0.0 4.0 6.0#



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: 0.09 ng/ul

RT: 12.34 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BE094670.D

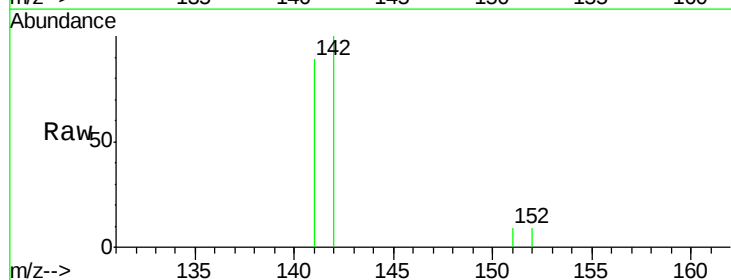
Acq: 31 Oct 2017 22:25

Tgt Ion:142 Resp: 1180

Ion Ratio Lower Upper

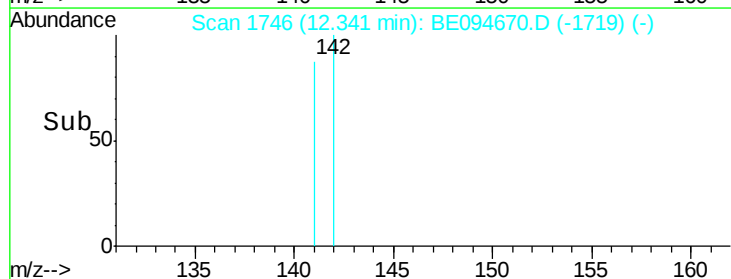
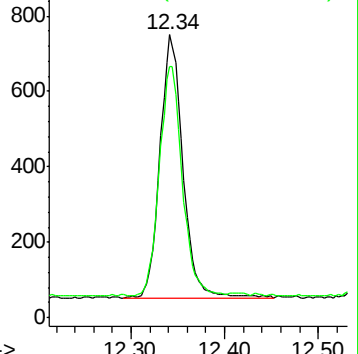
142 100

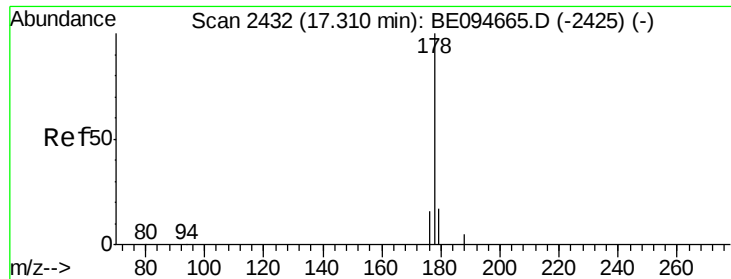
141 87.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.06 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094670.D

Acq: 31 Oct 2017 22:25

Instrument :

BNA_E

ClientSampleId :

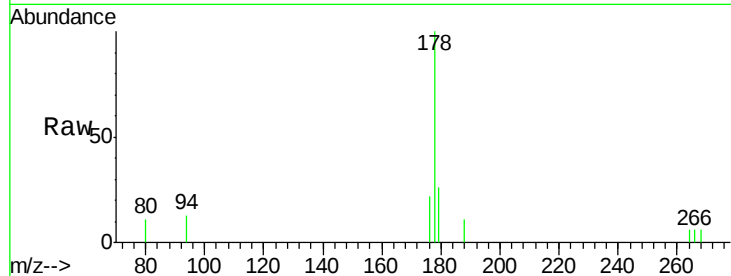
Tot Ion:178 Resp: 1587

Ion Ratio Lower Upper

178 100

179 26.4 18.4 27.6

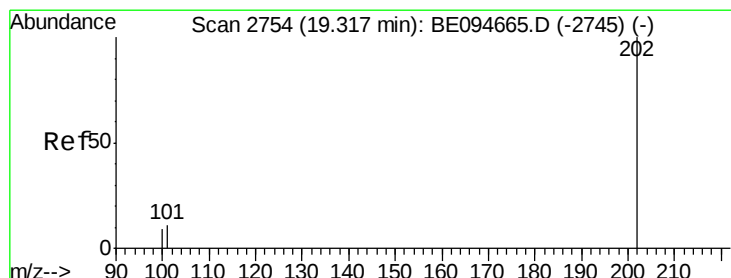
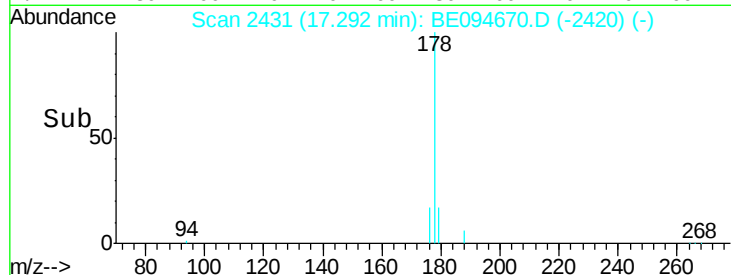
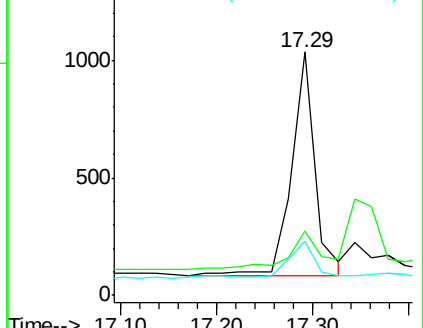
176 22.5 13.6 20.4#



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



#15

Fluoranthene

Concen: 0.03 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE094670.D

Acq: 31 Oct 2017 22:25

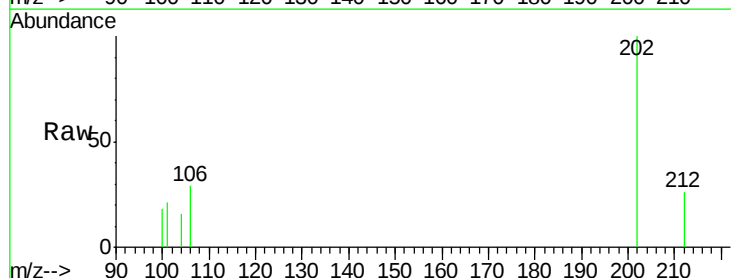
Tgt Ion:202 Resp: 928

Ion Ratio Lower Upper

202 100

101 21.1 0.0 30.3

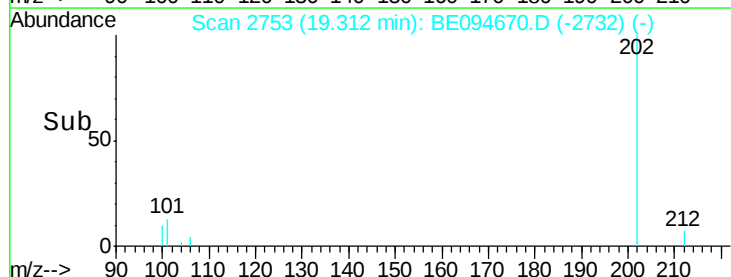
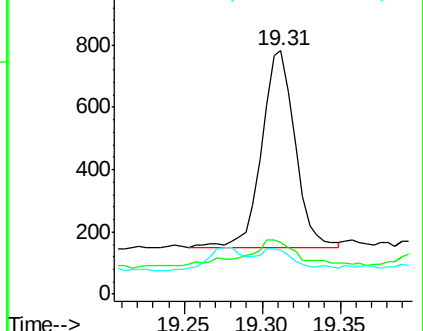
100 18.3 0.0 39.5

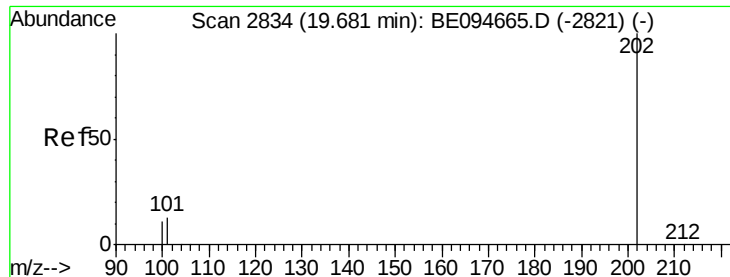


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

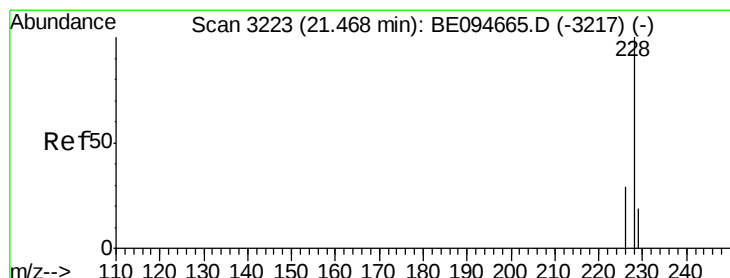
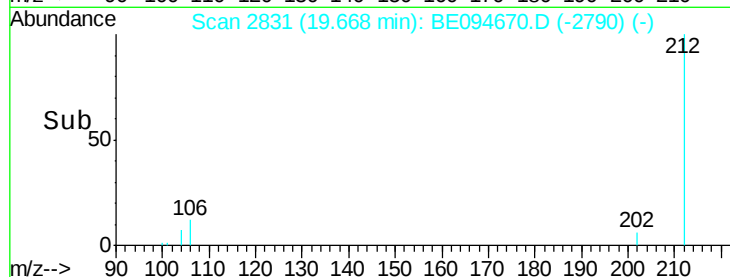
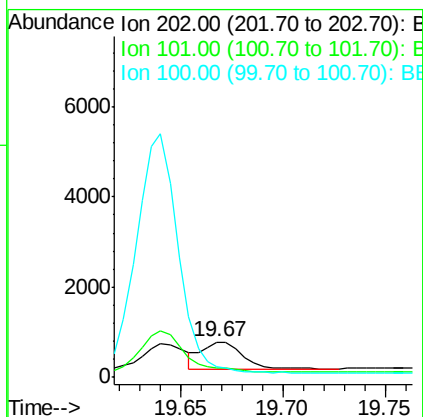
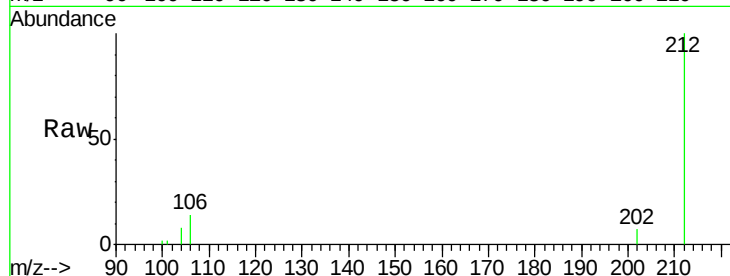




#17
Pvrene
Concen: 0.03 ng/ul
RT: 19.67 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094670.D
Acq: 31 Oct 2017 22:25

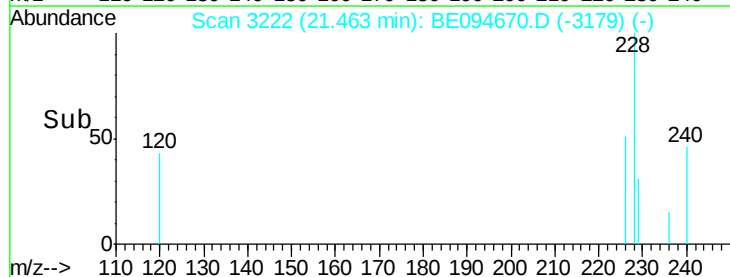
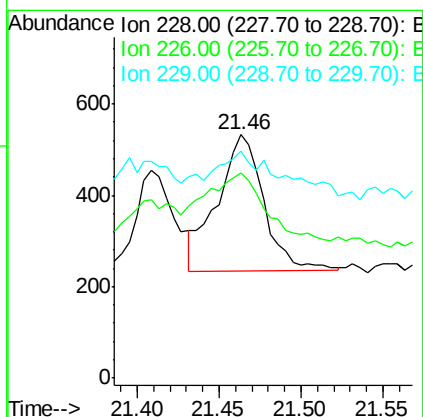
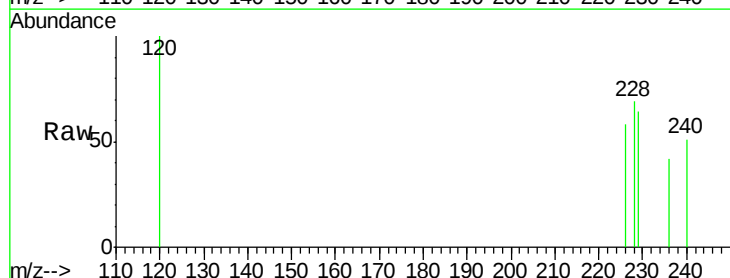
Instrument :
BNA_E
ClientSampleId :

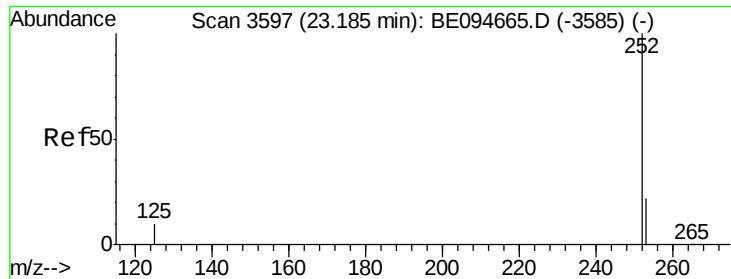
Tot Ion:202 Resp: 843
Ion Ratio Lower Upper
202 100
101 27.3 18.2 27.4
100 30.6 15.6 23.4#



#19
Chrysene
Concen: 0.02 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE094670.D
Acq: 31 Oct 2017 22:25

Tgt Ion:228 Resp: 584
Ion Ratio Lower Upper
228 100
226 84.2 23.4 35.0#
229 93.2 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.03 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.00 min

Lab File: BE094670.D

Acq: 31 Oct 2017 22:25

Instrument :

BNA_E

ClientSampleId :

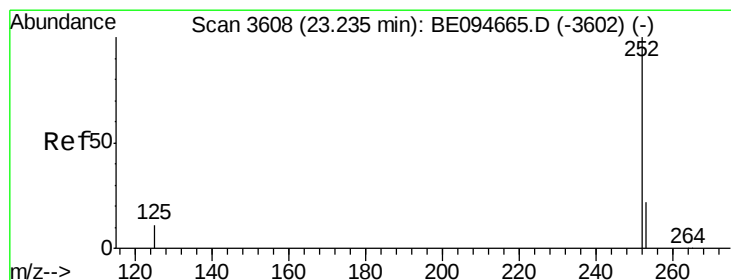
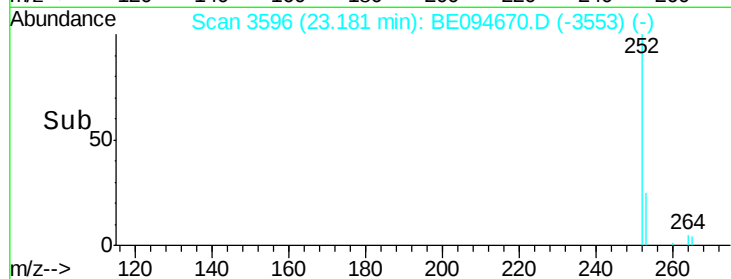
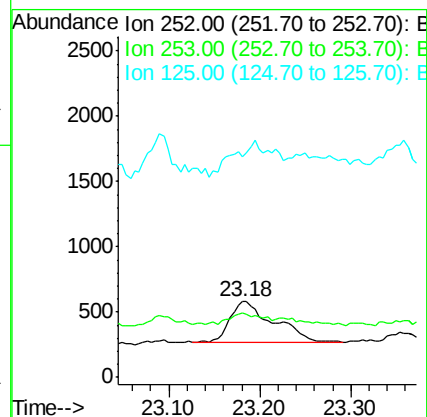
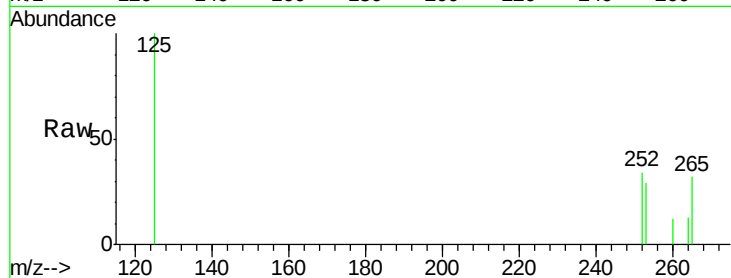
Tot Ion:252 Resp: 1090

Ion Ratio Lower Upper

252 100

253 85.2 0.0 64.2#

125 290.5 0.0 35.0#



#22

Benzo(k)fluoranthene

Concen: 0.03 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.05 min

Lab File: BE094670.D

Acq: 31 Oct 2017 22:25

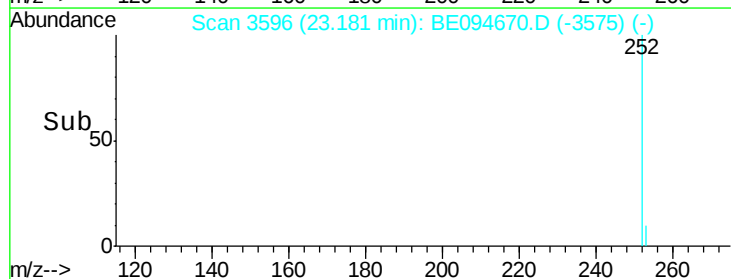
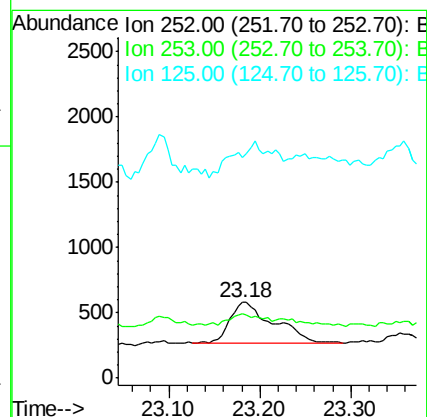
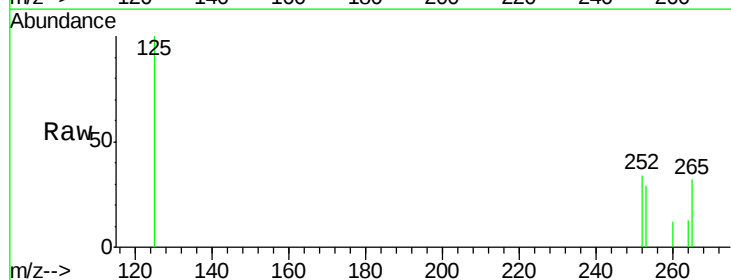
Tgt Ion:252 Resp: 1090

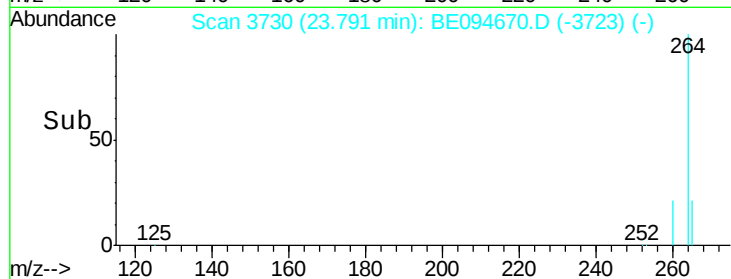
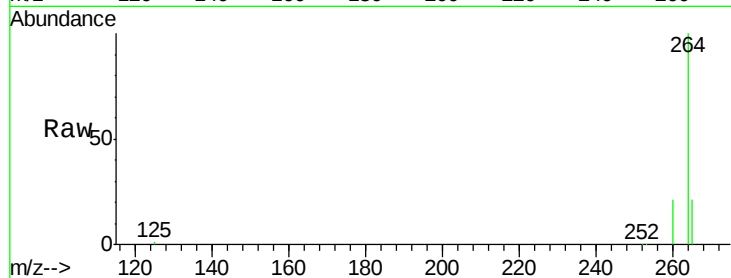
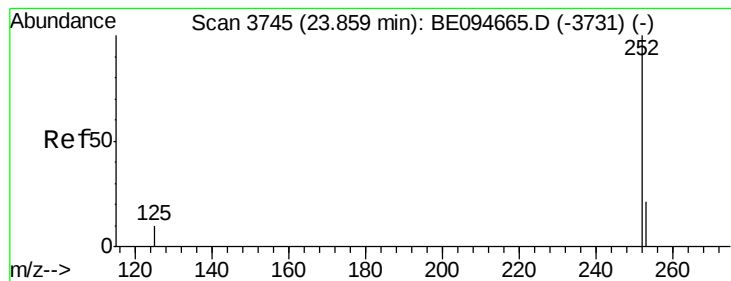
Ion Ratio Lower Upper

252 100

253 85.2 24.5 36.7#

125 290.5 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 23.79 min Scan# 3730

Delta R.T. -0.07 min

Lab File: BE094670.D

Acq: 31 Oct 2017 22:25

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 252 Resp: 2020

Ion Ratio Lower Upper

252 100

253 63.0 28.5 42.7#

125 186.5 18.1 27.1#

