

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094631.D
 Acq On : 28 Oct 2017 20:10
 Operator : SJ/JU
 Sample : I5842-06DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA6DL

Quant Time: Oct 30 04:25:28 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

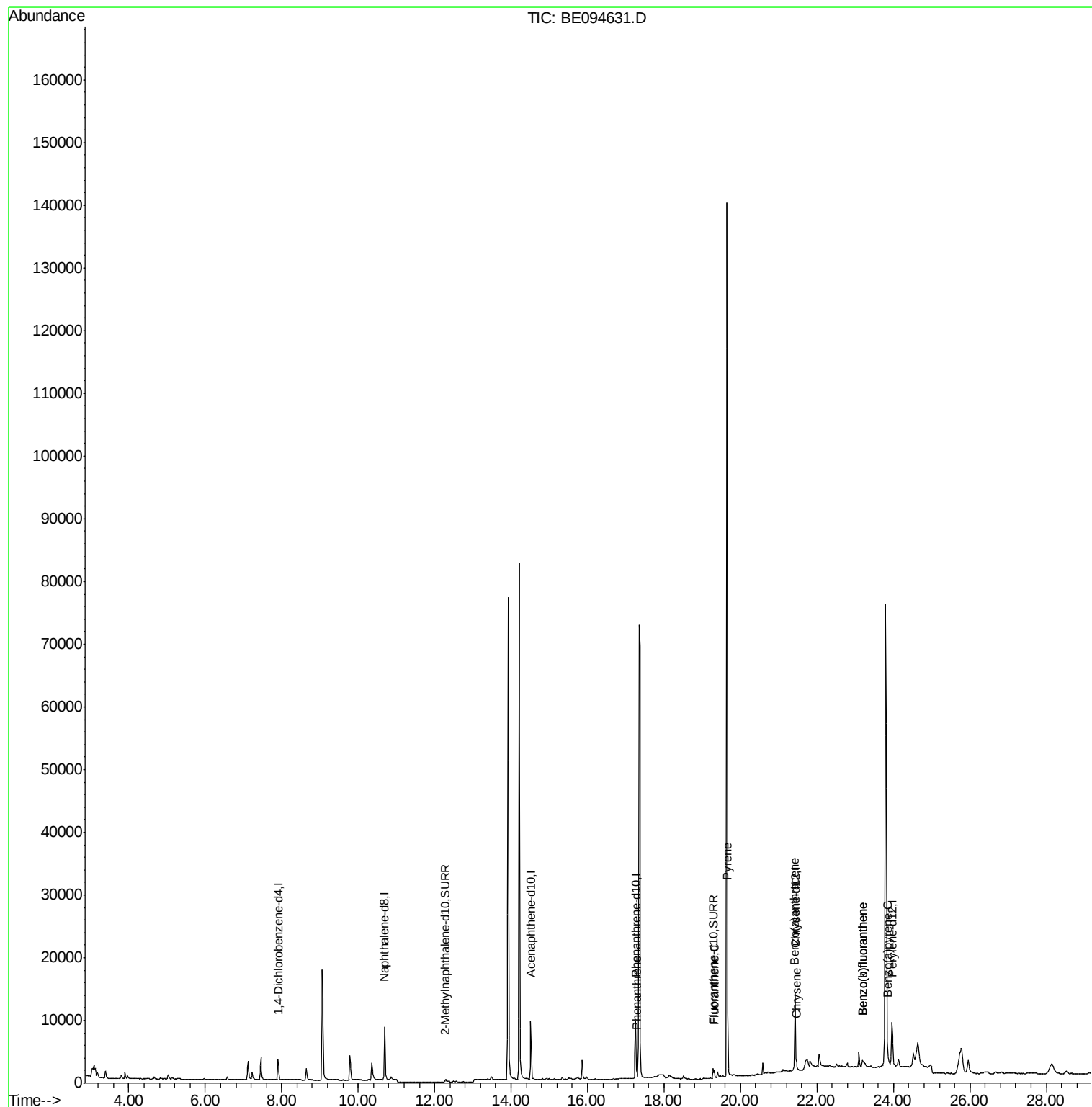
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1794	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	10357	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5623	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12332	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12380	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	12248	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	696	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1783	0.05	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	801	0.025	ng/ul#	79
15) Fluoranthene	19.31	202	1613	0.043	ng/ul	84
17) Pyrene	19.67	202	1867	0.049	ng/ul	97
18) Benzo(a)anthracene	21.41	228	774	0.022	ng/ul#	19
19) Chrysene	21.47	228	1042	0.028	ng/ul#	39
21) Benzo(b)fluoranthene	23.19	252	1817	0.053	ng/ul#	1
22) Benzo(k)fluoranthene	23.19	252	1787	0.048	ng/ul#	1
23) Benzo(a)pyrene	23.85	252	824	0.024	ng/ul#	1

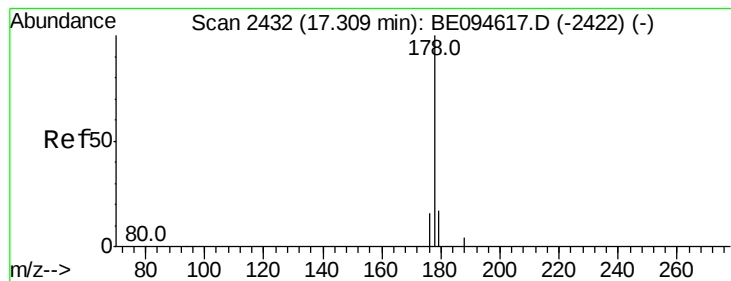
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.025 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094631.D

Acq: 28 Oct 2017 20:10

Instrument :

BNA_E

ClientSampleId :

C0AA6DL

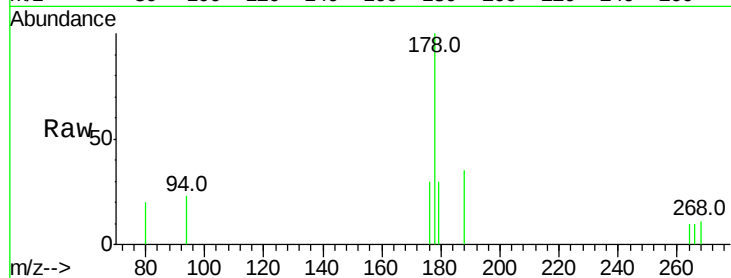
Tot Ion:178 Resp: 801

Ion Ratio Lower Upper

178 100

179 30.4 18.4 27.6#

176 29.9 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

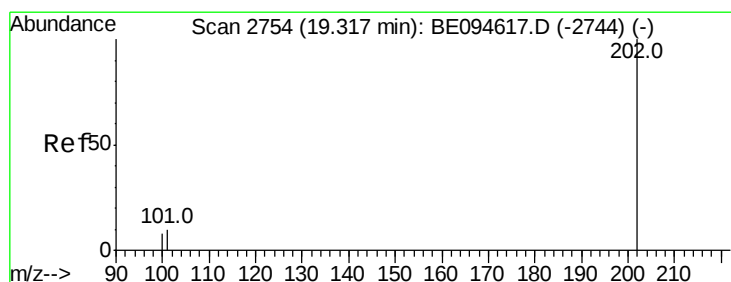
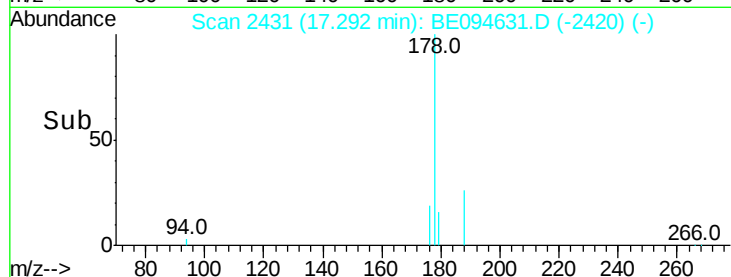
17.29

400

200

0

Time-->



#15

Fluoranthene

Concen: 0.043 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE094631.D

Acq: 28 Oct 2017 20:10

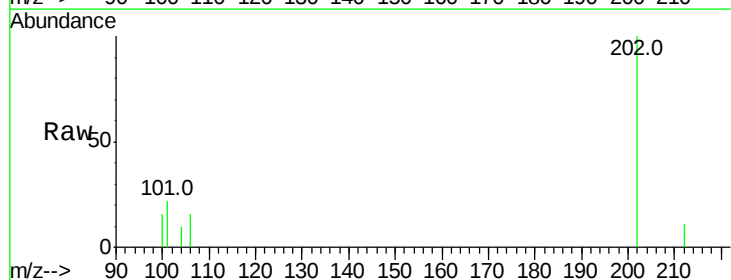
Tgt Ion:202 Resp: 1613

Ion Ratio Lower Upper

202 100

101 21.9 0.0 30.3

100 15.9 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

19.31

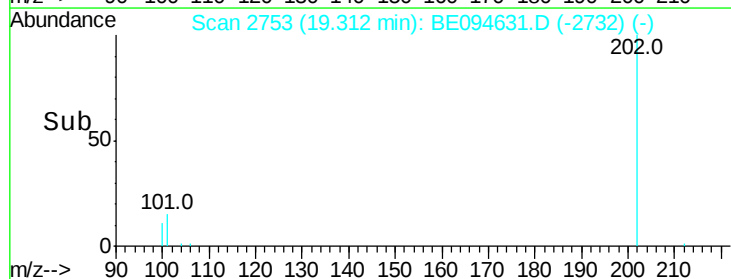
1500

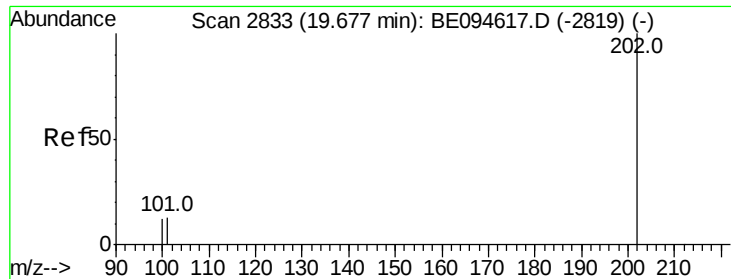
1000

500

0

Time-->





#17

Pvrene

Concen: 0.049 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE094631.D

Acq: 28 Oct 2017 20:10

Instrument :

BNA_E

ClientSampleId :

C0AA6DL

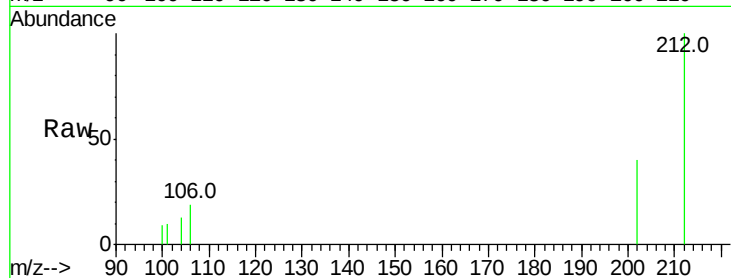
Tot Ion:202 Resp: 1867

Ion Ratio Lower Upper

202 100

101 24.3 18.2 27.4

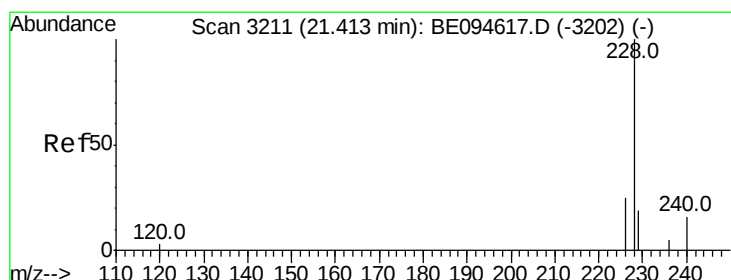
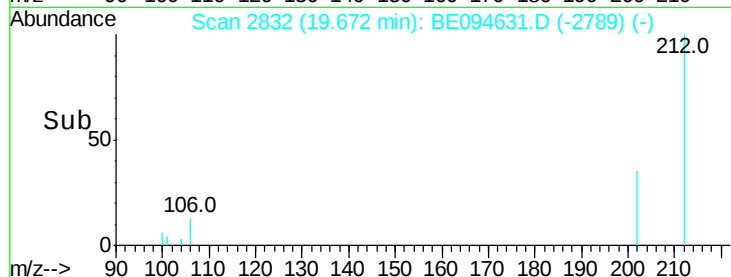
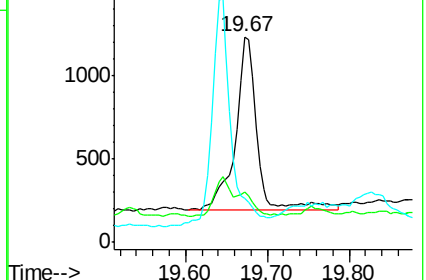
100 21.3 15.6 23.4



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: 0.022 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BE094631.D

Acq: 28 Oct 2017 20:10

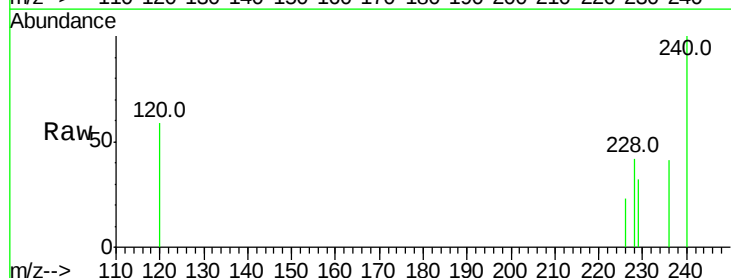
Tgt Ion:228 Resp: 774

Ion Ratio Lower Upper

228 100

229 75.9 22.8 34.2#

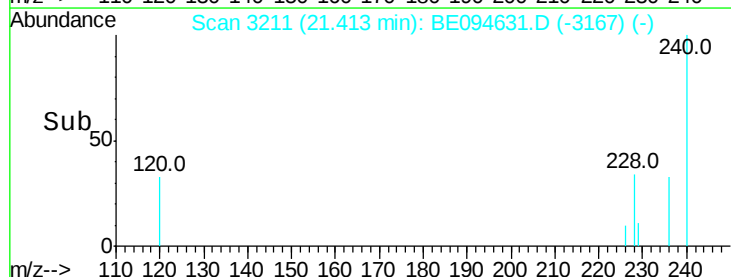
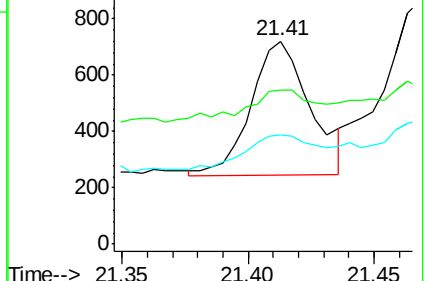
226 53.8 17.0 25.6#

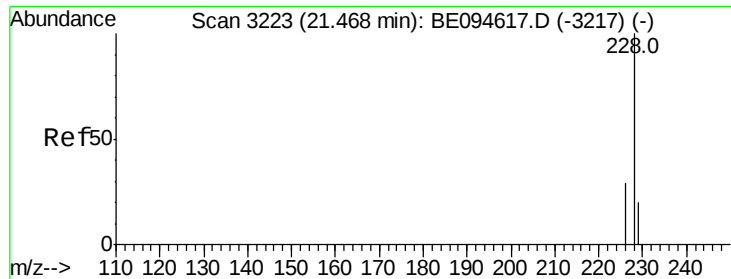


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.028 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094631.D

Acq: 28 Oct 2017 20:10

Instrument :

BNA_E

ClientSampleId :

C0AA6DL

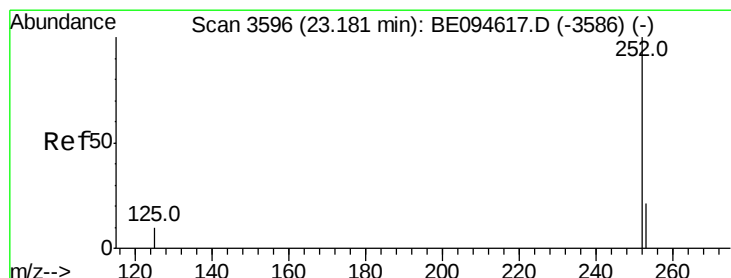
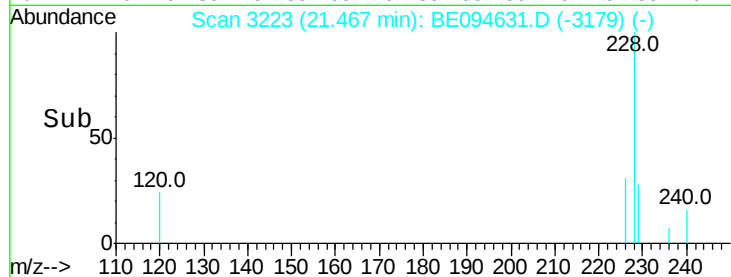
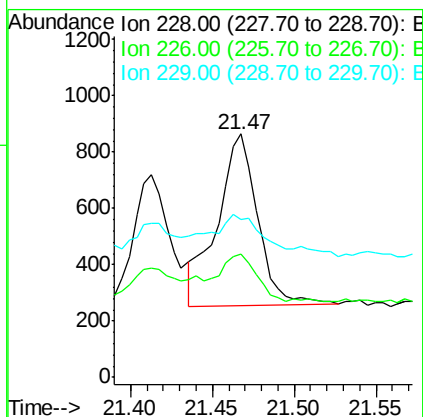
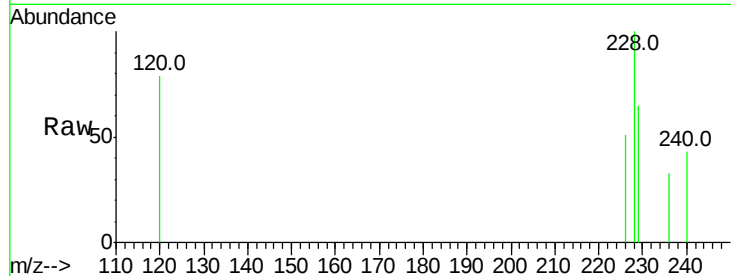
Tot Ion:228 Resp: 1042

Ion Ratio Lower Upper

228 100

226 50.9 23.4 35.0#

229 64.7 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 0.053 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. 0.01 min

Lab File: BE094631.D

Acq: 28 Oct 2017 20:10

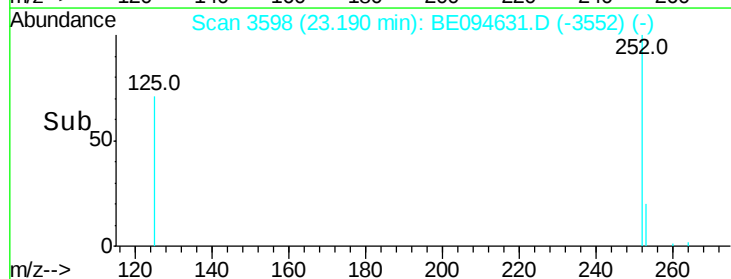
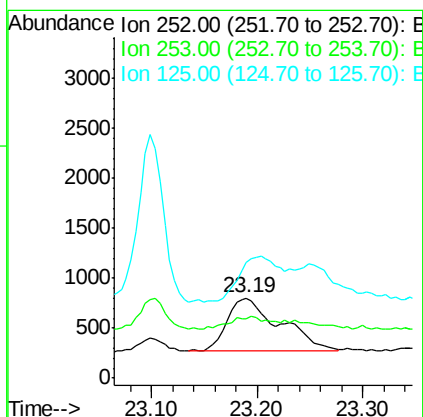
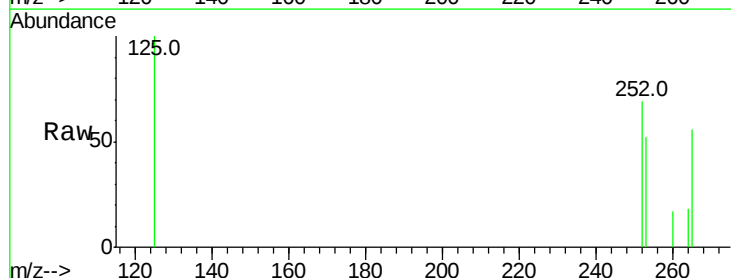
Tgt Ion:252 Resp: 1817

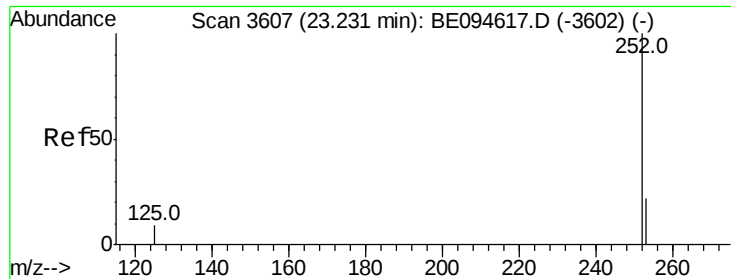
Ion Ratio Lower Upper

252 100

253 74.9 0.0 64.2#

125 144.6 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.048 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. -0.04 min

Lab File: BE094631.D

Acq: 28 Oct 2017 20:10

Instrument :

BNA_E

ClientSampleId :

C0AA6DL

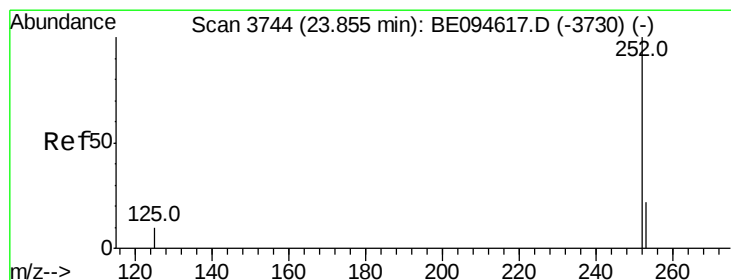
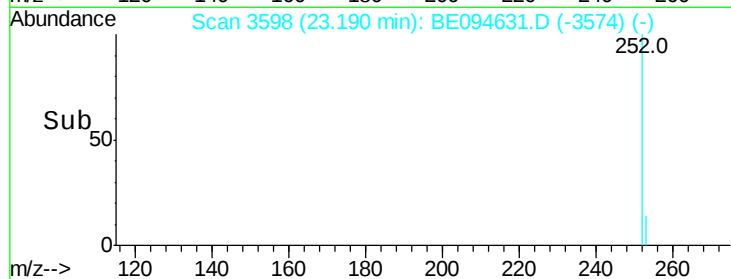
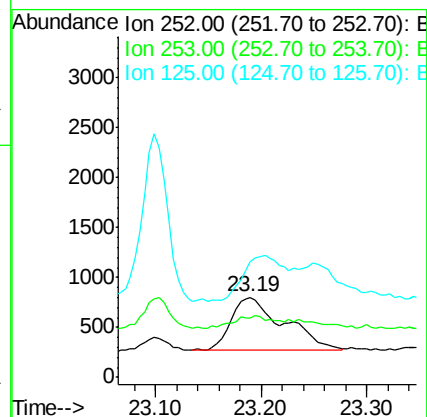
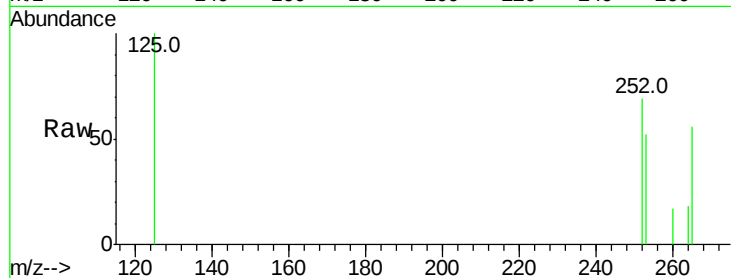
Tot Ion:252 Resp: 1787

Ion Ratio Lower Upper

252 100

253 74.9 24.5 36.7#

125 144.6 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.024 ng/ul

RT: 23.85 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BE094631.D

Acq: 28 Oct 2017 20:10

Tgt Ion:252 Resp: 824

Ion Ratio Lower Upper

252 100

253 96.1 28.5 42.7#

125 136.1 18.1 27.1#

