

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094626.D
 Acq On : 28 Oct 2017 17:08
 Operator : SJ/JU
 Sample : I5842-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB8

Quant Time: Oct 30 02:59:03 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

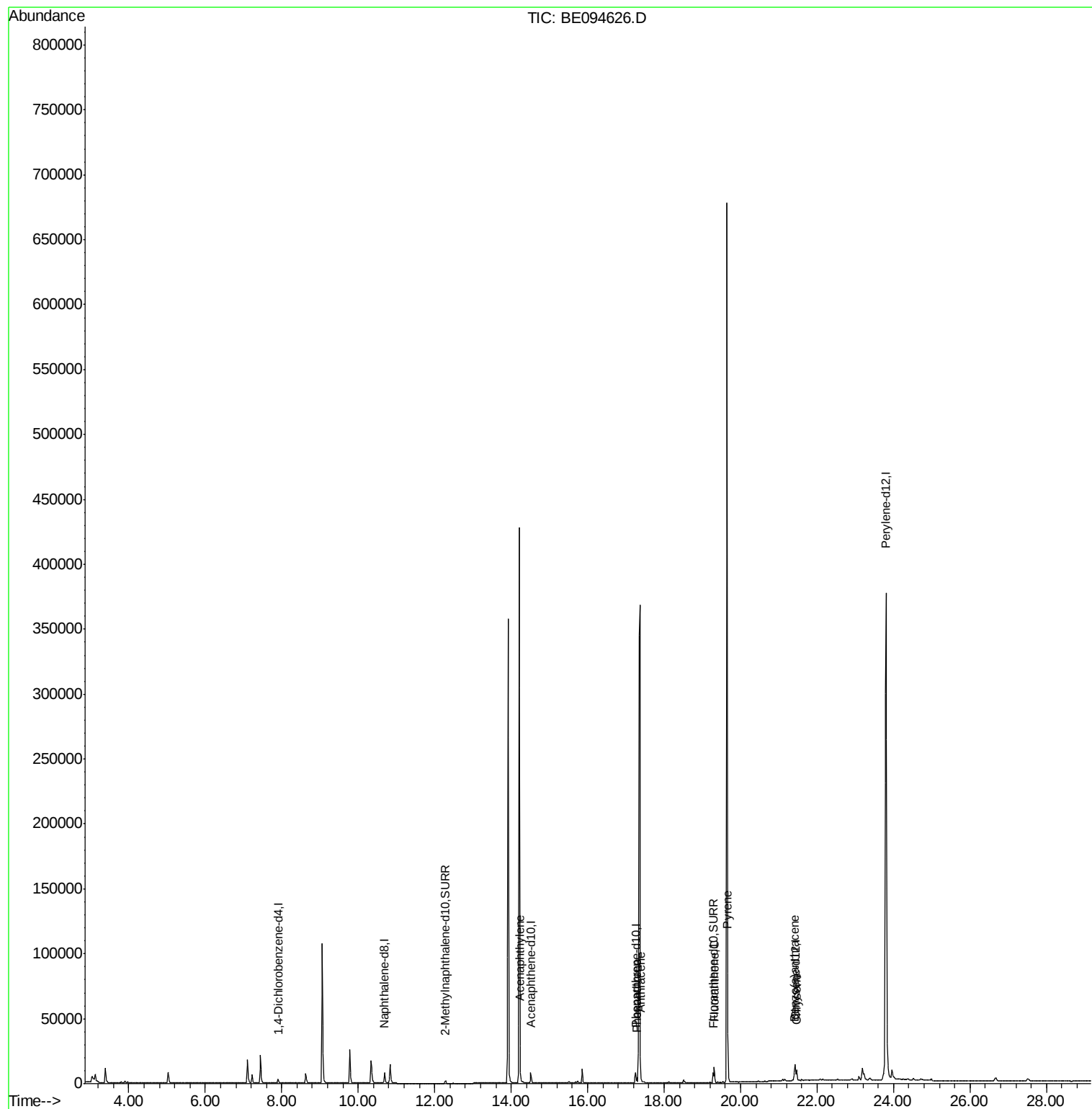
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1552	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	8823	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5029	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10838	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10300	0.40	ng/ul	0.00
20) Perylene-d12	23.80	264	577692	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3452	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	8688	0.27	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.24	152	695	0.03	ng/ul#	78
12) Phenanthrene	17.29	178	4836	0.17	ng/ul#	91
13) Anthracene	17.38	178	1100	0.04	ng/ul#	70
15) Fluoranthene	19.31	202	14329	0.43	ng/ul	84
17) Pyrene	19.67	202	17445	0.55	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	6902	0.23	ng/ul#	89
19) Chrysene	21.46	228	10229	0.34	ng/ul#	87

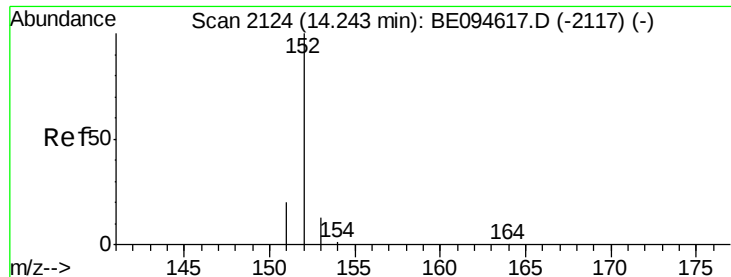
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE094626.D

Acq: 28 Oct 2017 17:08

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BNA_E

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C0AB8

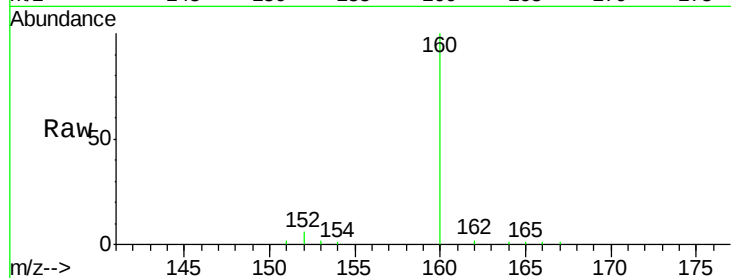
Tot Ion:152 Resp: 695

Ion Ratio Lower Upper

152 100

151 31.0 17.1 25.7#

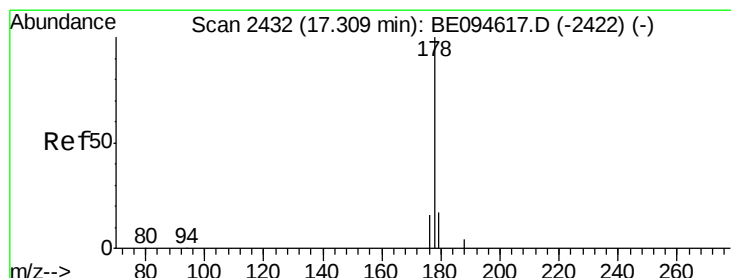
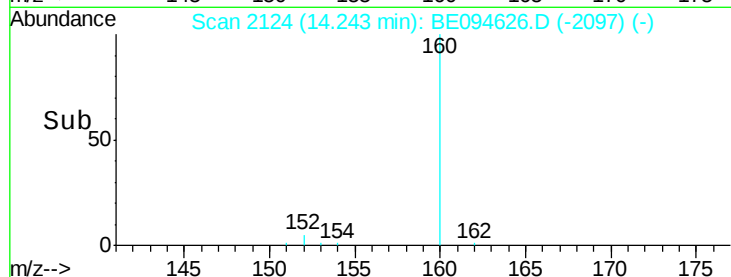
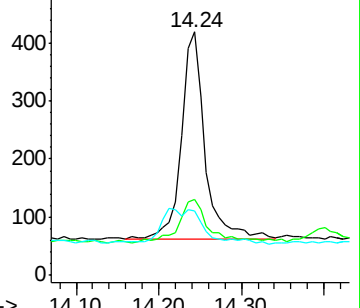
153 26.5 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#12

Phenanthrene

Concen: 0.17 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094626.D

Acq: 28 Oct 2017 17:08

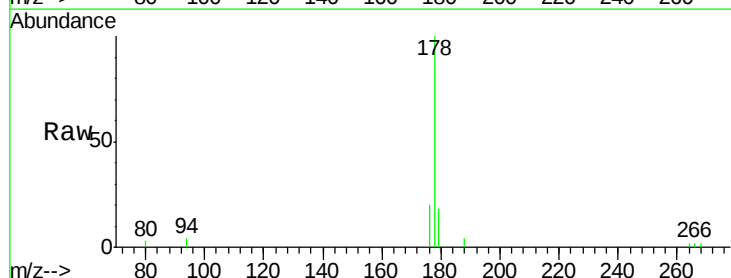
Tgt Ion:178 Resp: 4836

Ion Ratio Lower Upper

178 100

179 17.9 18.4 27.6#

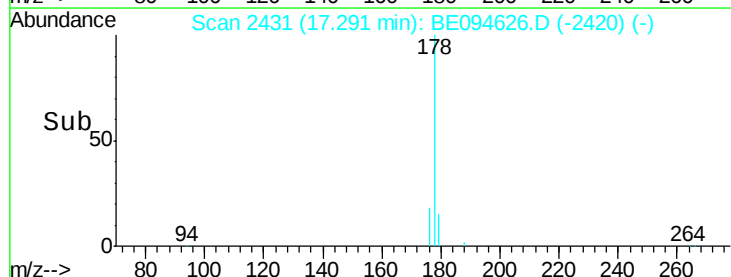
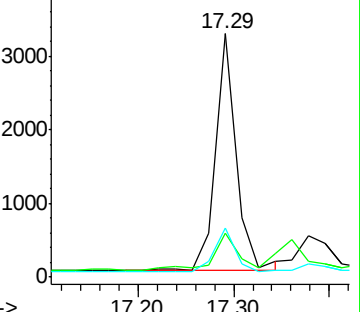
176 20.0 13.6 20.4

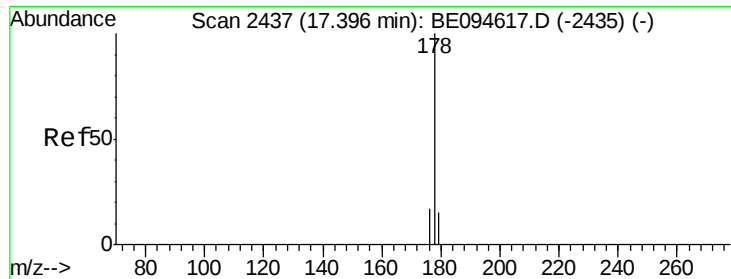


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.04 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094626.D

Acq: 28 Oct 2017 17:08

Instrument :

BNA_E

ClientSampleId :

C0AB8

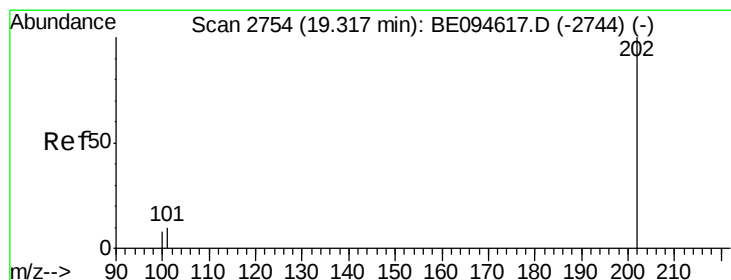
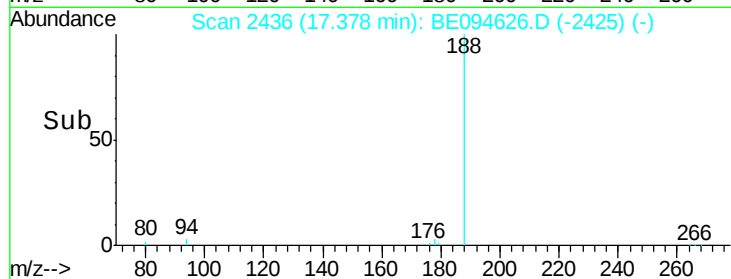
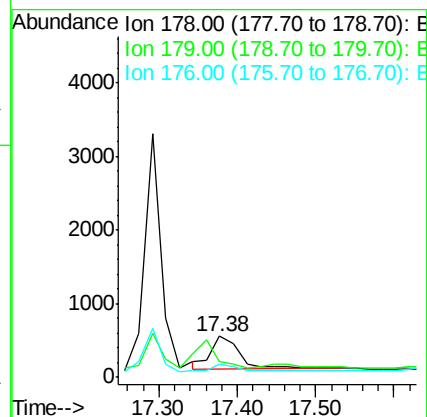
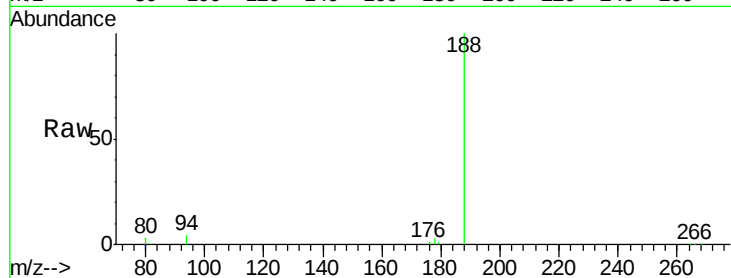
Tot Ion:178 Resp: 1100

Ion Ratio Lower Upper

178 100

179 37.4 18.1 27.1#

176 31.1 14.7 22.1#



#15

Fluoranthene

Concen: 0.43 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BE094626.D

Acq: 28 Oct 2017 17:08

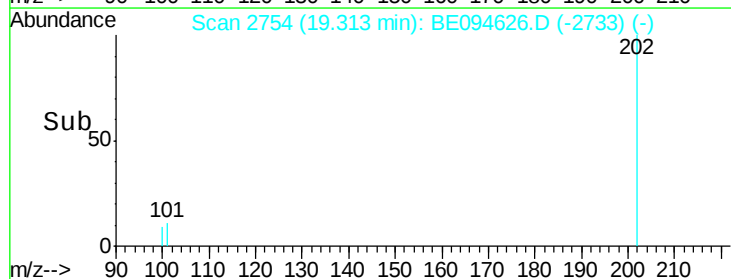
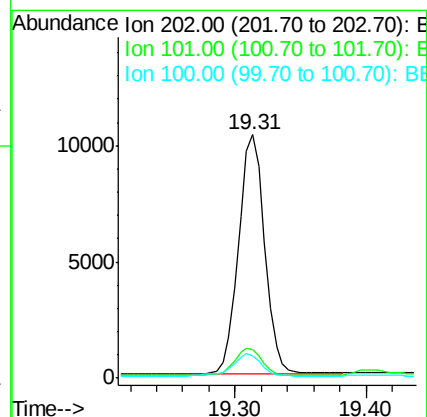
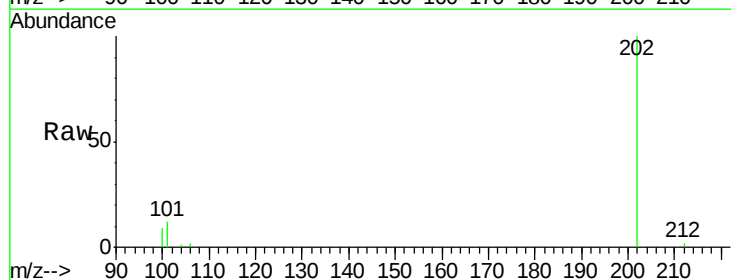
Tgt Ion:202 Resp: 14329

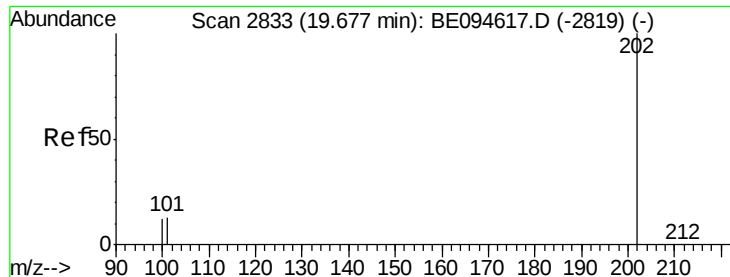
Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.3

100 9.3 0.0 39.5





#17

Pvrene

Concen: 0.55 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094626.D

Acq: 28 Oct 2017 17:08

Instrument :

BNA_E

ClientSampleId :

C0AB8

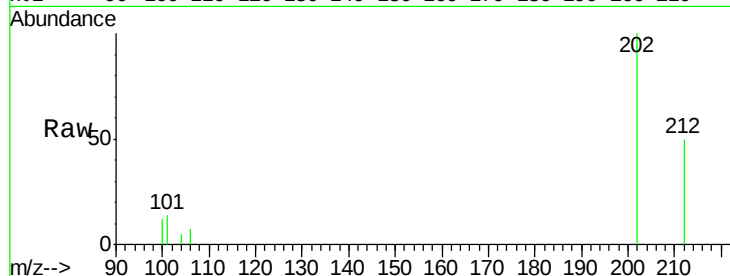
Tot Ion:202 Resp: 17445

Ion Ratio Lower Upper

202 100

101 14.1 18.2 27.4#

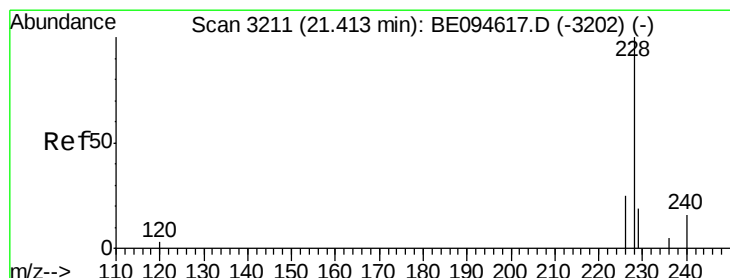
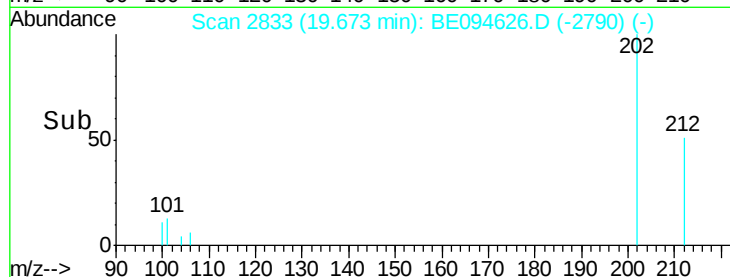
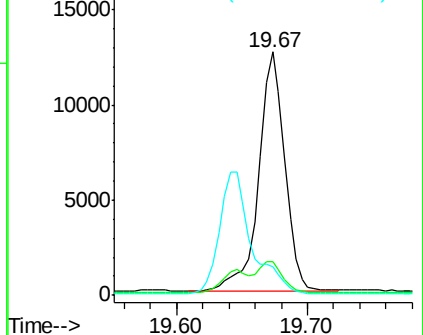
100 11.7 15.6 23.4#



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: 0.23 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BE094626.D

Acq: 28 Oct 2017 17:08

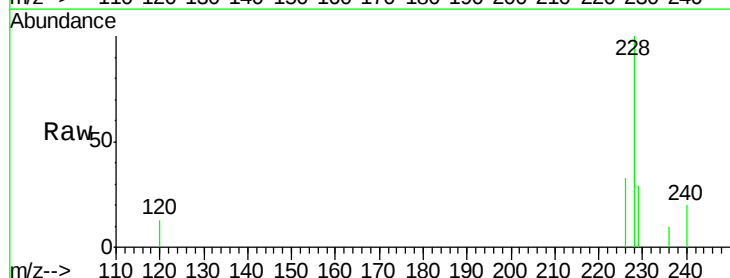
Tgt Ion:228 Resp: 6902

Ion Ratio Lower Upper

228 100

229 29.1 22.8 34.2

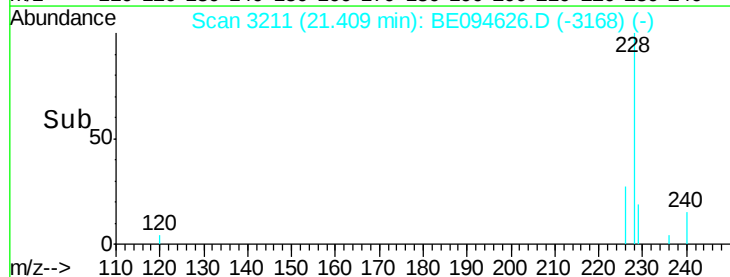
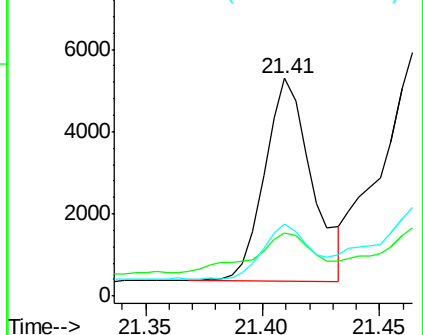
226 32.9 17.0 25.6#

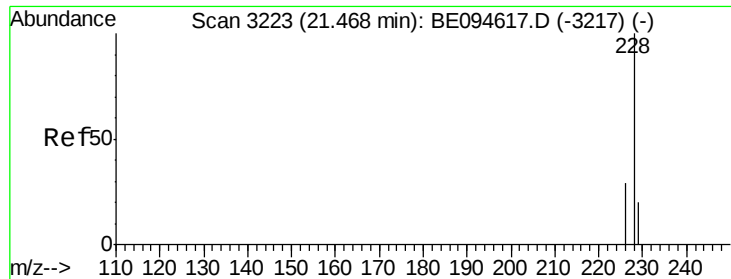


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.34 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094626.D

Acq: 28 Oct 2017 17:08

Instrument :

BNA_E

ClientSampleId :

C0AB8

Tot Ion: 228 Resp: 10229

Ion Ratio Lower Upper

228 100

226 36.2 23.4 35.0#

229 28.3 17.7 26.5#

