

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094622.D
 Acq On : 28 Oct 2017 14:42
 Operator : SJ/JU
 Sample : I5842-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA5

Quant Time: Oct 30 02:58:17 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	1550	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	9093	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5077	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10827	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10990	0.40	ng/ul	0.00
20) Perylene-d12	23.80	264	539596	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	3579	0.24	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	8160	0.25	ng/ul	0.00

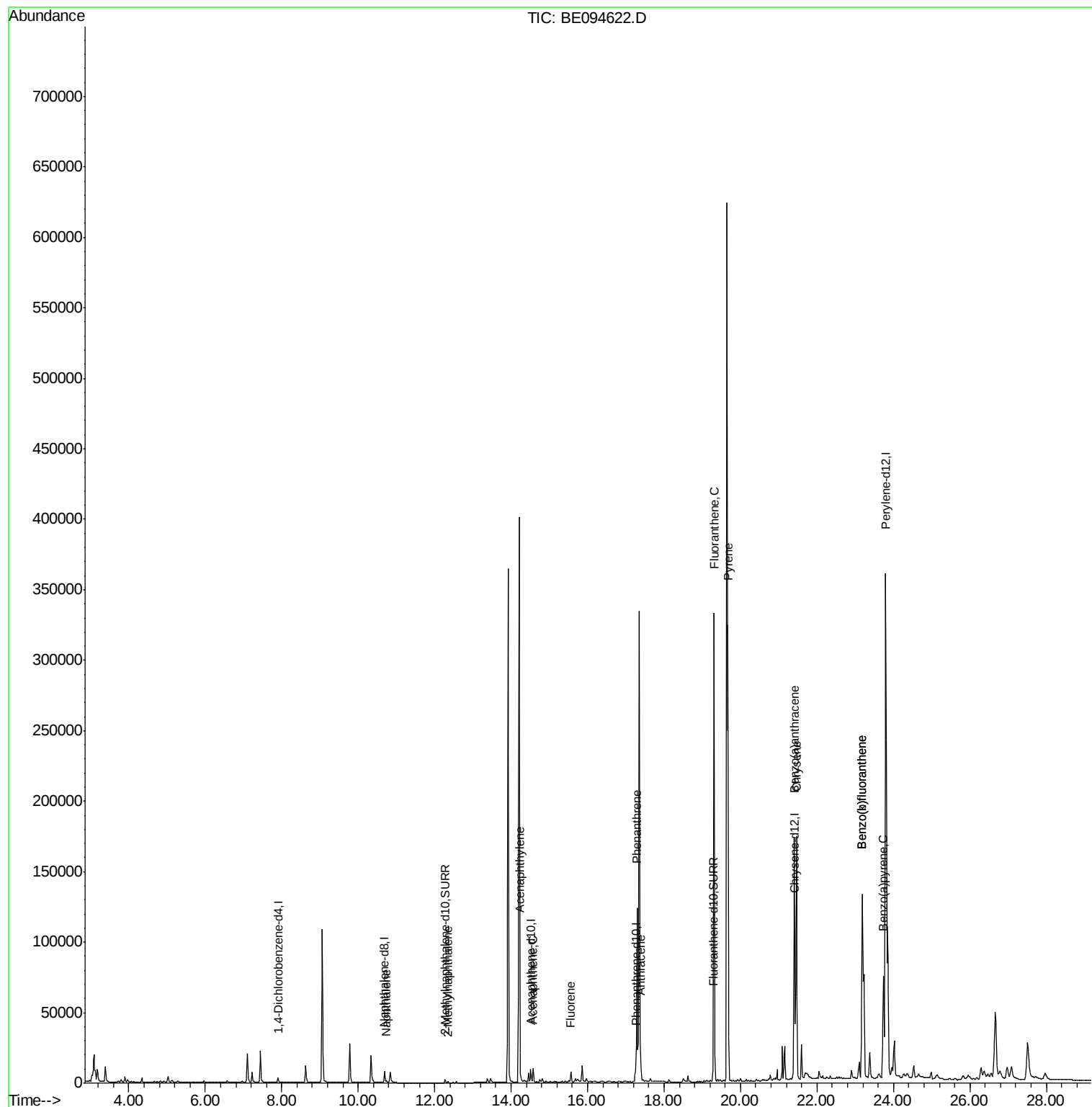
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.74	128	1265	0.06	ng/ul#	88
5) 2-Methylnaphthalene	12.35	142	1070	0.07	ng/ul	97
7) Acenaphthylene	14.24	152	909	0.04	ng/ul#	75
8) Acenaphthene	14.57	153	5421	0.33	ng/ul	95
9) Fluorene	15.57	166	4702	0.25	ng/ul	95
12) Phenanthrene	17.29	178	133441	4.67	ng/ul#	90
13) Anthracene	17.38	178	18263	0.65	ng/ul#	90
15) Fluoranthene	19.31	202	381528	11.54	ng/ul	84
17) Pyrene	19.67	202	332639	9.79	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	160813	5.12	ng/ul#	87
19) Chrysene	21.46	228	177889	5.48	ng/ul	99
21) Benzo(b)fluoranthene	23.19	252	215419	0.14	ng/ul	85
22) Benzo(k)fluoranthene	23.19	252	215419	0.13	ng/ul#	87
23) Benzo(a)pyrene	23.74	252	118136	0.08	ng/ul#	82

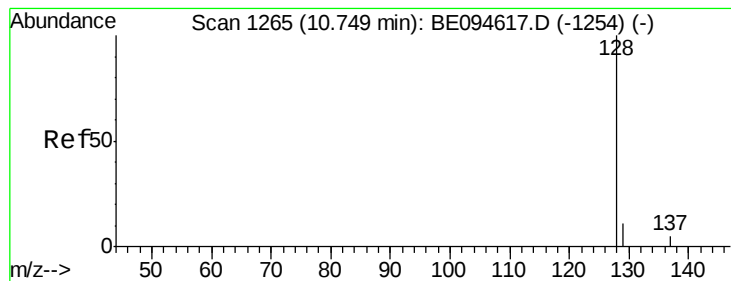
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.06 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

Instrument :

BNA_E

ClientSampleId :

C0AA5

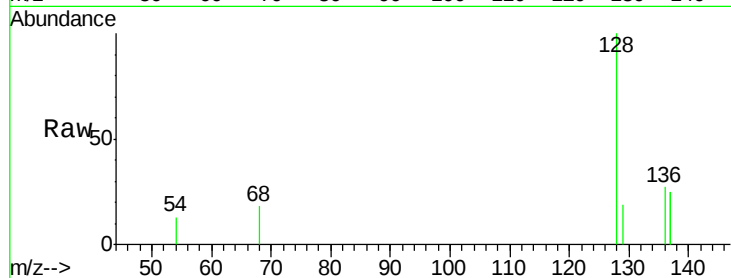
Tot Ion:128 Resp: 1265

Ion Ratio Lower Upper

128 100

129 18.8 11.3 16.9#

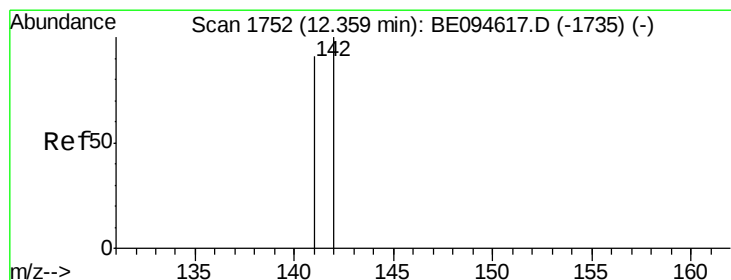
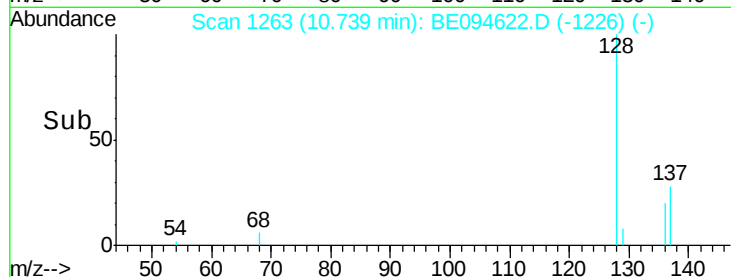
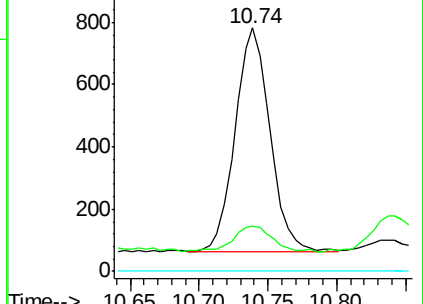
127 0.0 4.0 6.0#



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: 0.07 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BE094622.D

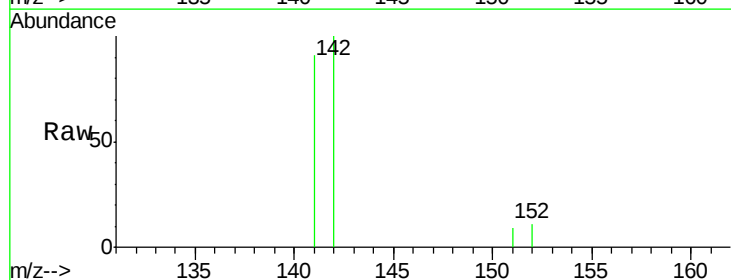
Acq: 28 Oct 2017 14:42

Tgt Ion:142 Resp: 1070

Ion Ratio Lower Upper

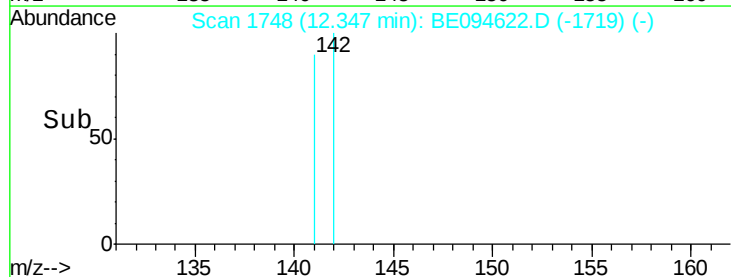
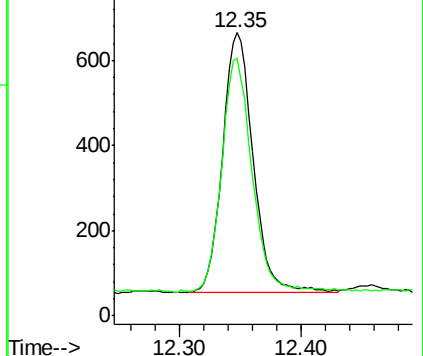
142 100

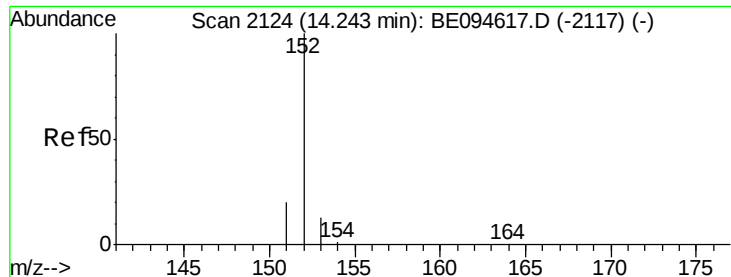
141 87.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

Instrument :

BNA_E

ClientSampleId :

C0AA5

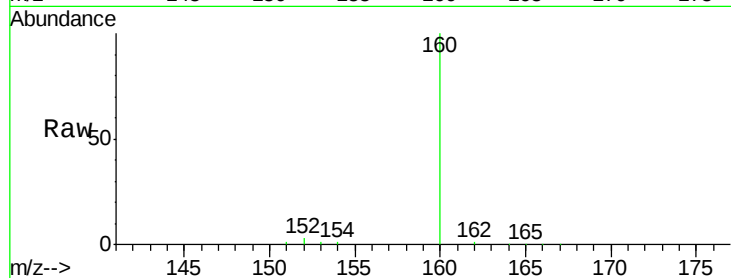
Tot Ion:152 Resp: 909

Ion Ratio Lower Upper

152 100

151 33.1 17.1 25.7#

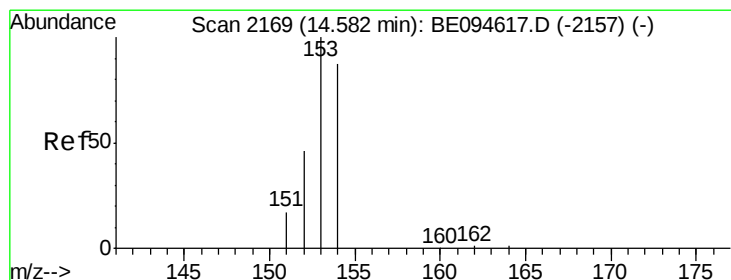
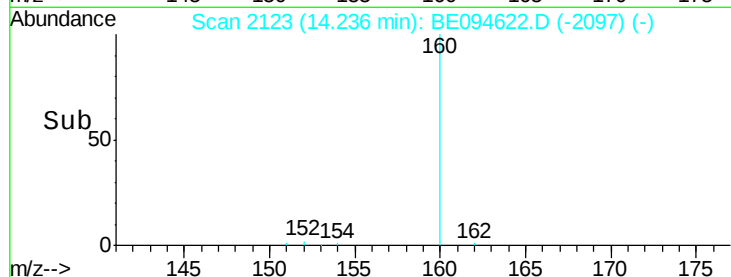
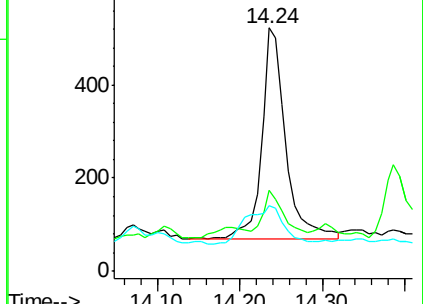
153 26.8 12.8 19.2#



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



#8

Acenaphthene

Concen: 0.33 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

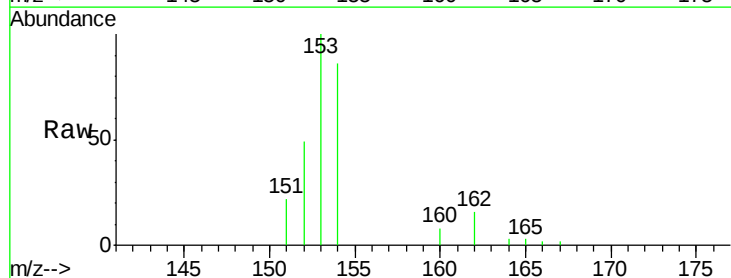
Tgt Ion:153 Resp: 5421

Ion Ratio Lower Upper

153 100

152 48.9 36.0 54.0

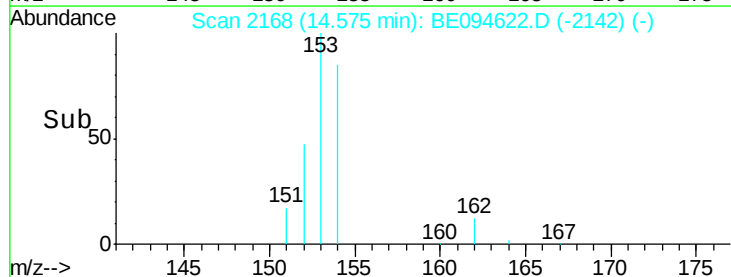
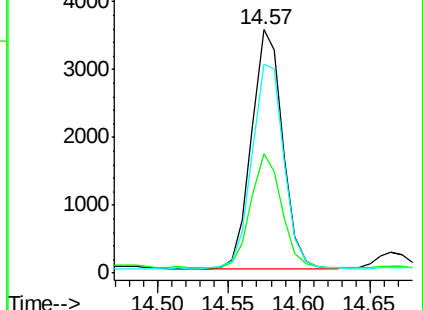
154 85.7 72.0 108.0

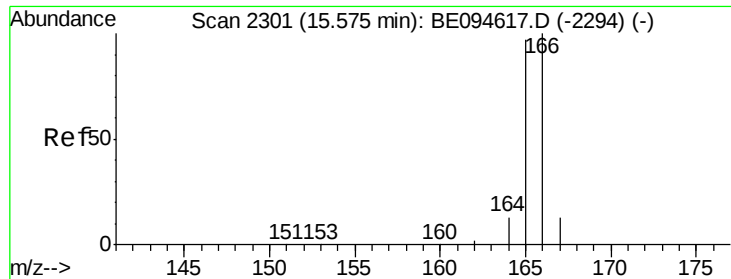


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

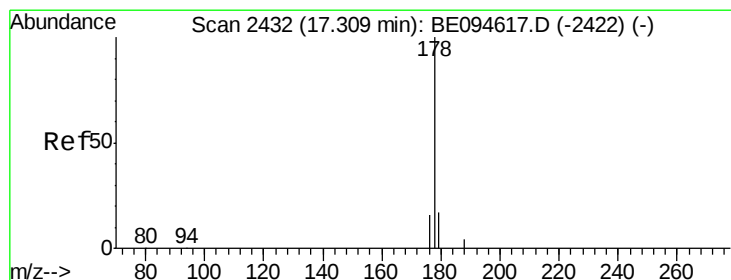
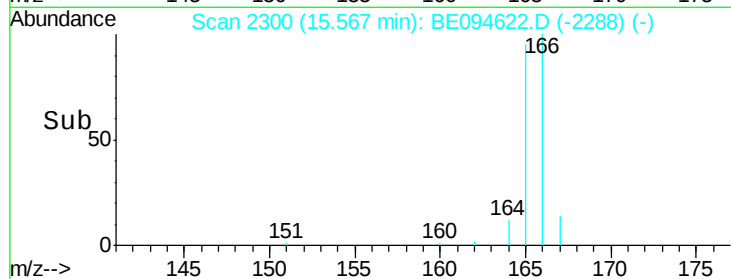
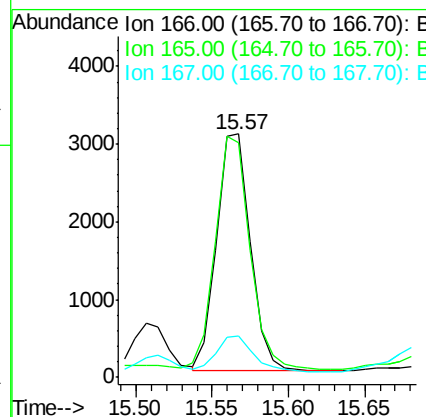
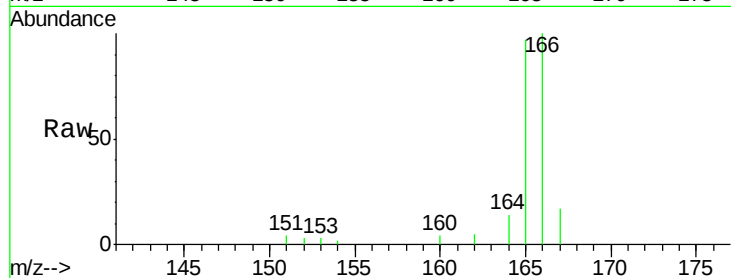




#9
Fluorene
 Concen: 0.25 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094622.D
 Acq: 28 Oct 2017 14:42

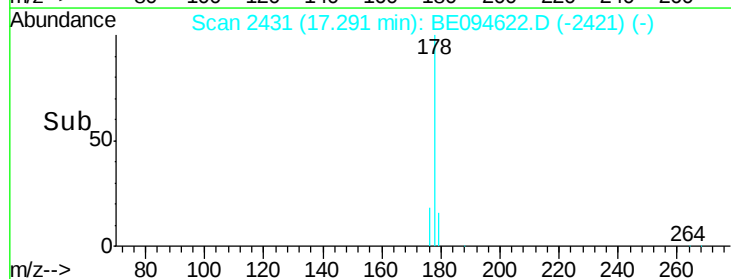
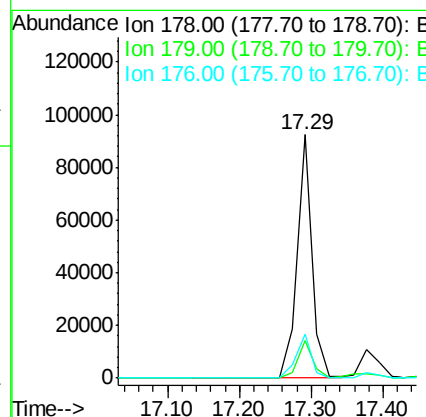
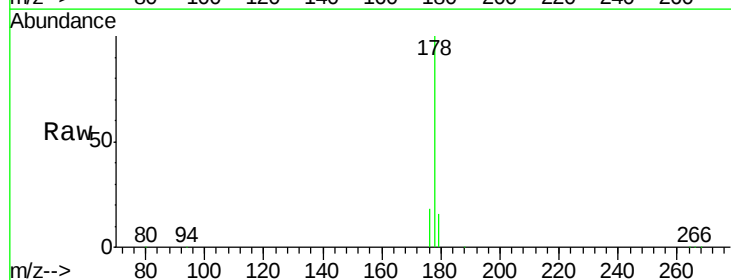
Instrument :
 BNA_E
 ClientSampleId :
 C0AA5

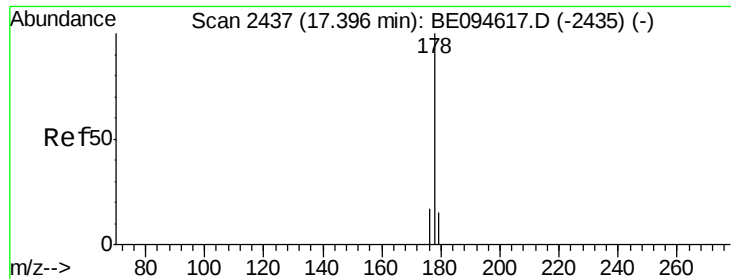
Tot Ion:166 Resp: 4702
 Ion Ratio Lower Upper
 166 100
 165 96.6 73.4 110.2
 167 17.0 14.6 22.0



#12
Phenanthrene
 Concen: 4.67 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094622.D
 Acq: 28 Oct 2017 14:42

Tgt Ion:178 Resp: 133441
 Ion Ratio Lower Upper
 178 100
 179 15.7 18.4 27.6#
 176 18.2 13.6 20.4





#13

Anthracene

Concen: 0.65 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

Instrument :

BNA_E

ClientSampleId :

C0AA5

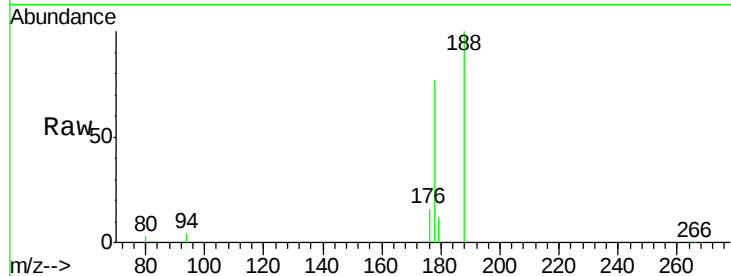
Tot Ion:178 Resp: 18263

Ion Ratio Lower Upper

178 100

179 16.2 18.1 27.1#

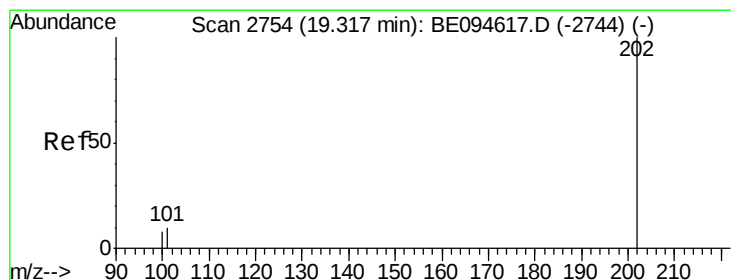
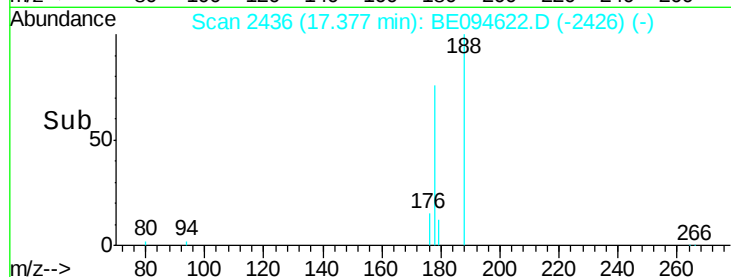
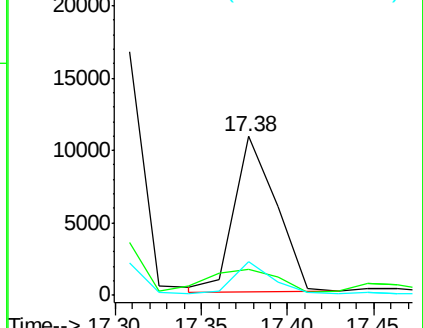
176 21.0 14.7 22.1



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: 11.54 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

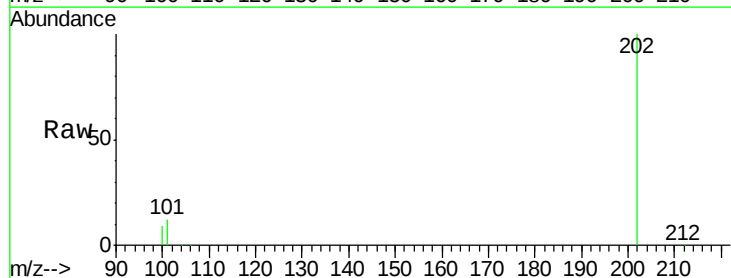
Tgt Ion:202 Resp: 381528

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.3

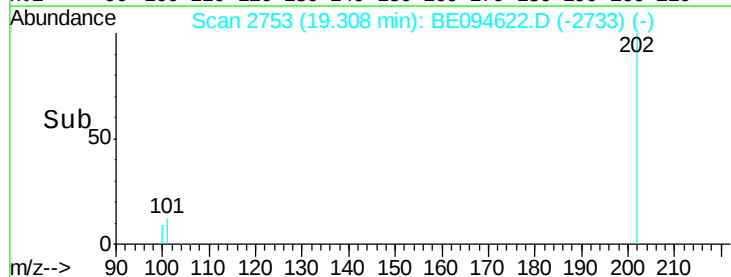
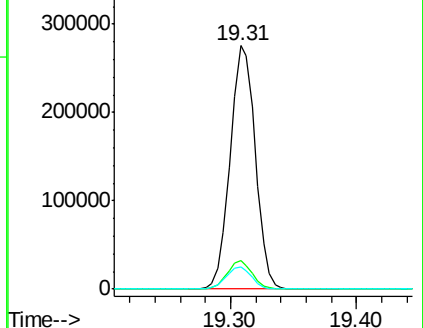
100 9.2 0.0 39.5

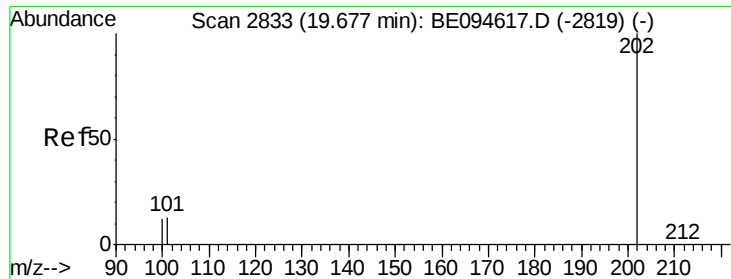


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 9.79 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

Instrument :

BNA_E

ClientSampleId :

C0AA5

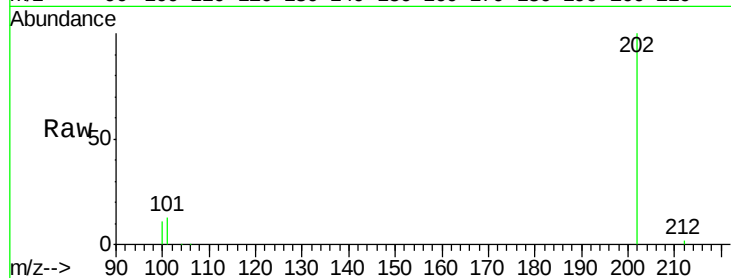
Tot Ion:202 Resp: 332639

Ion Ratio Lower Upper

202 100

101 12.9 18.2 27.4#

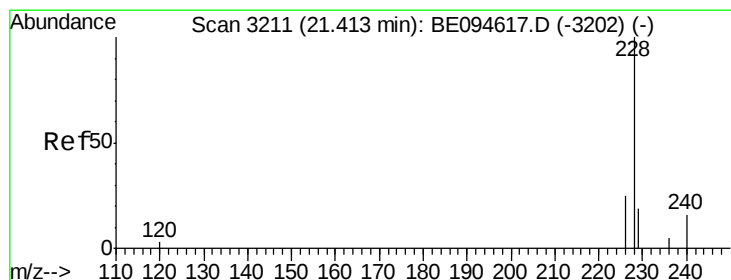
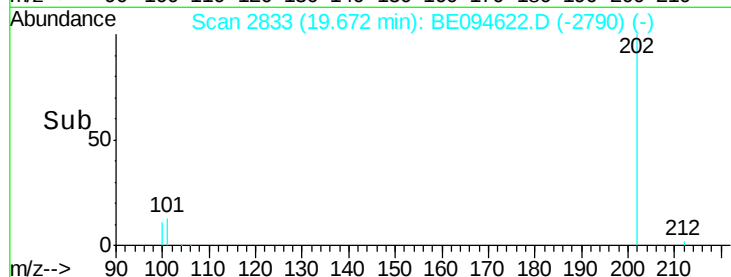
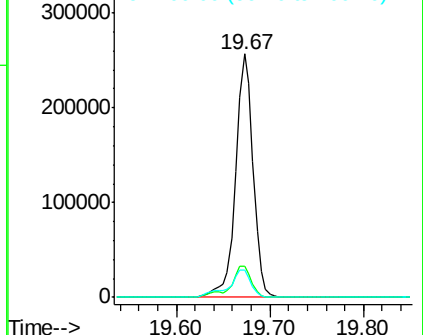
100 11.1 15.6 23.4#



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: 5.12 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

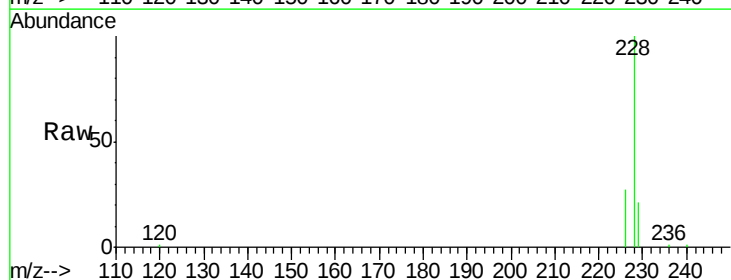
Tgt Ion:228 Resp: 160813

Ion Ratio Lower Upper

228 100

229 20.9 22.8 34.2#

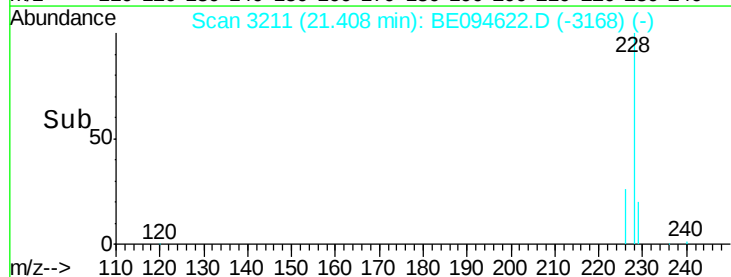
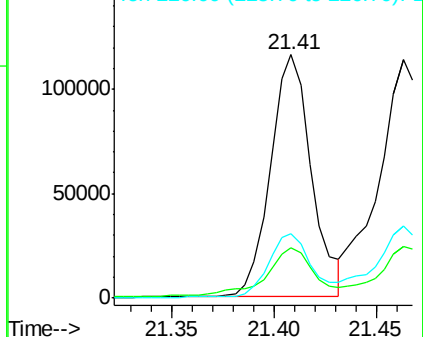
226 26.6 17.0 25.6#

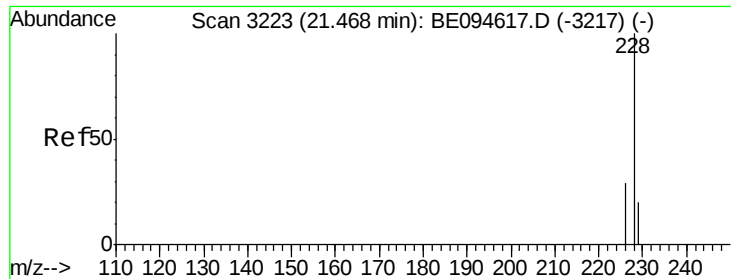


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 5.48 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

Instrument :

BNA_E

ClientSampleId :

C0AA5

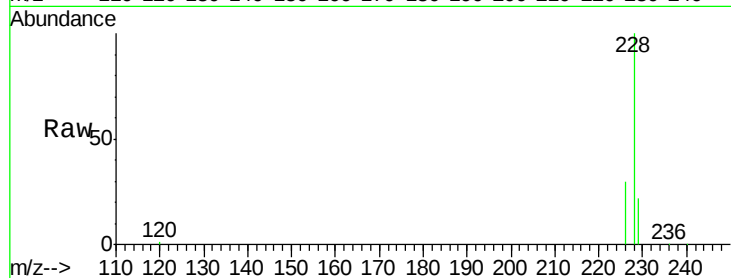
Tot Ion:228 Resp: 177889

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.0

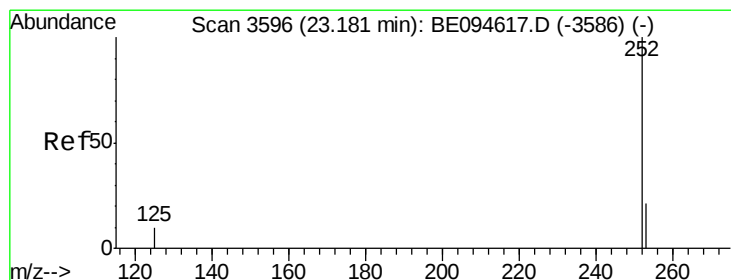
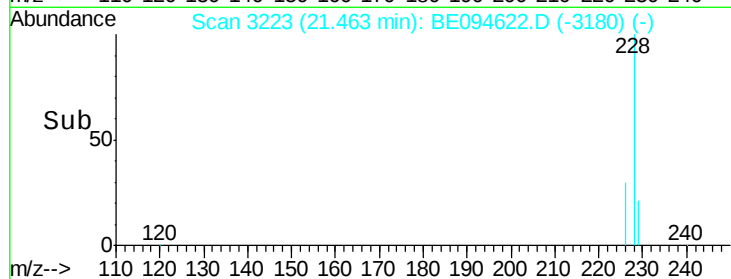
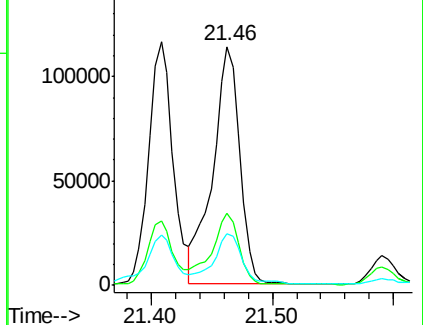
229 21.8 17.7 26.5



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



#21

Benzo(b)fluoranthene

Concen: 0.14 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. 0.00 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

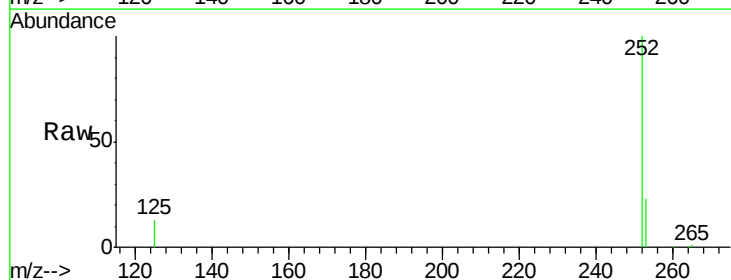
Tgt Ion:252 Resp: 215419

Ion Ratio Lower Upper

252 100

253 22.9 0.0 64.2

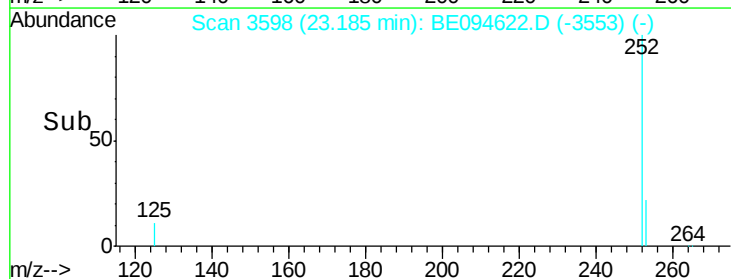
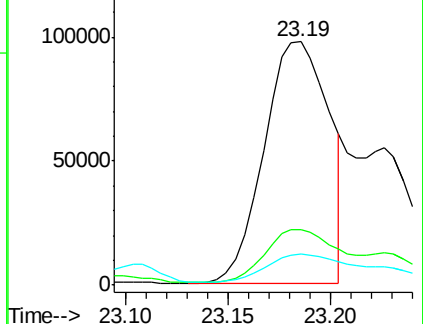
125 12.6 0.0 35.0

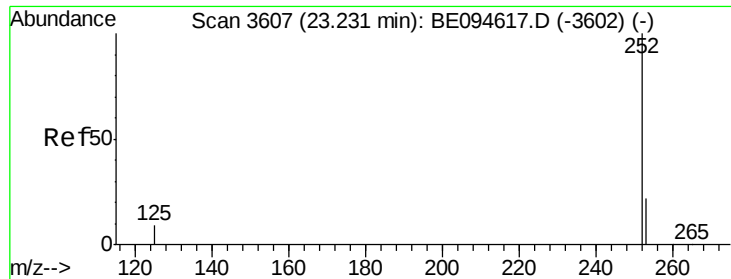


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.13 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. -0.05 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

Instrument :

BNA_E

ClientSampleId :

C0AA5

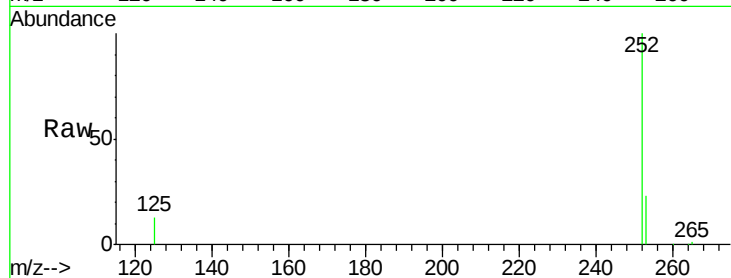
Tot Ion:252 Resp: 215419

Ion Ratio Lower Upper

252 100

253 22.9 24.5 36.7#

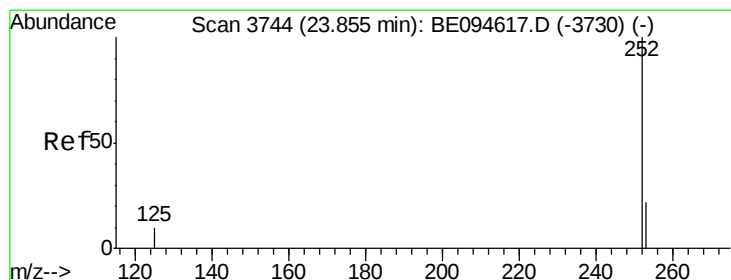
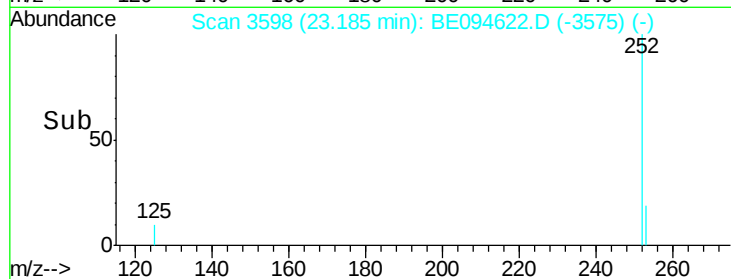
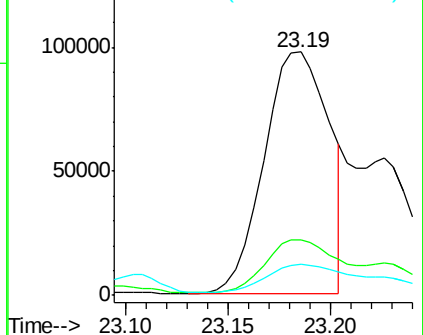
125 12.6 13.7 20.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.08 ng/ul

RT: 23.74 min Scan# 3719

Delta R.T. -0.12 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

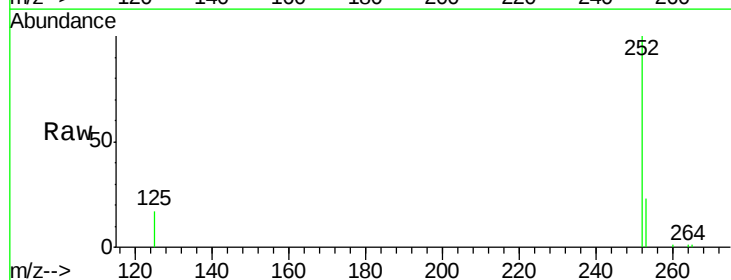
Tgt Ion:252 Resp: 118136

Ion Ratio Lower Upper

252 100

253 22.5 28.5 42.7#

125 17.5 18.1 27.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

