

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094380.D
 Acq On : 15 Oct 2017 6:25
 Operator : SJ/JU
 Sample : I5548-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 05:10:32 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 05:09:03 2017
 Response via : Initial Calibration

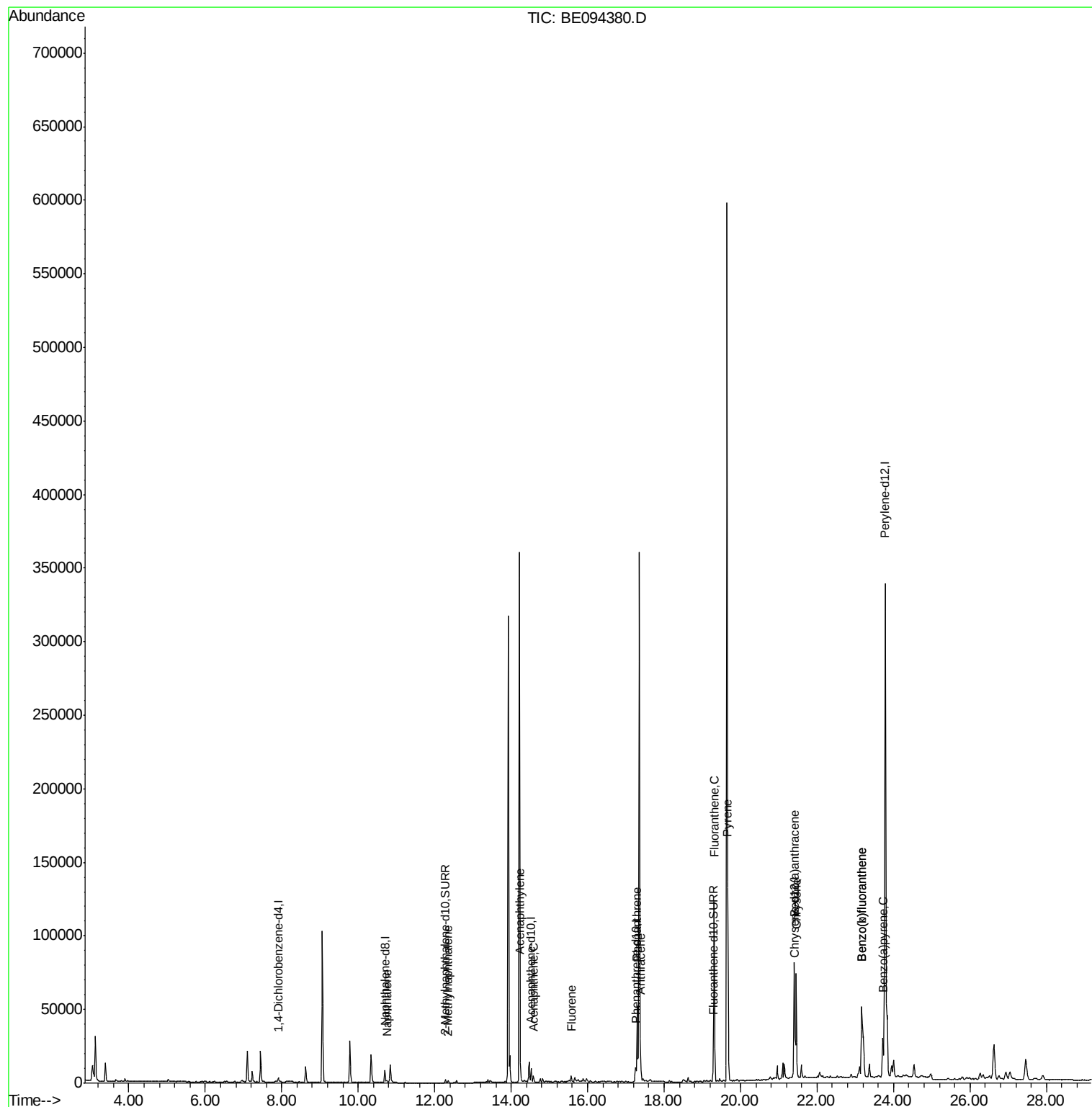
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1608	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8586	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5239	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11977	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	11853	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	495846	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2929	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	7609	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	1802	0.086	ng/ul#	89
5) 2-Methylnaphthalene	12.35	142	1402	0.103	ng/ul	98
7) Acenaphthylene	14.24	152	3256	0.159	ng/ul	96
8) Acenaphthene	14.58	153	2147	0.128	ng/ul	98
9) Fluorene	15.57	166	2758	0.140	ng/ul	93
12) Phenanthrene	17.29	178	56559	1.807	ng/ul#	88
13) Anthracene	17.38	178	13083	0.430	ng/ul#	89
15) Fluoranthene	19.31	202	140804	3.424	ng/ul	84
17) Pyrene	19.67	202	135340	4.104	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	72614	2.309	ng/ul#	88
19) Chrysene	21.46	228	73663	2.029	ng/ul	97
21) Benzo(b)fluoranthene	23.17	252	75952	0.056	ng/ul	88
22) Benzo(k)fluoranthene	23.17	252	75952	0.049	ng/ul#	90
23) Benzo(a)pyrene	23.72	252	43843	0.031	ng/ul#	87

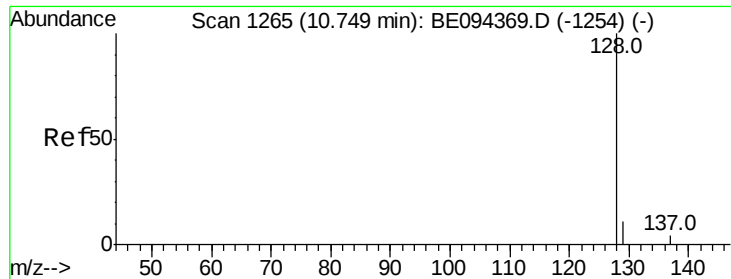
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 16 05:09:03 2017
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#3

Naphthalene

Concen: 0.086 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Instrument :

BNA_E

ClientSampled :

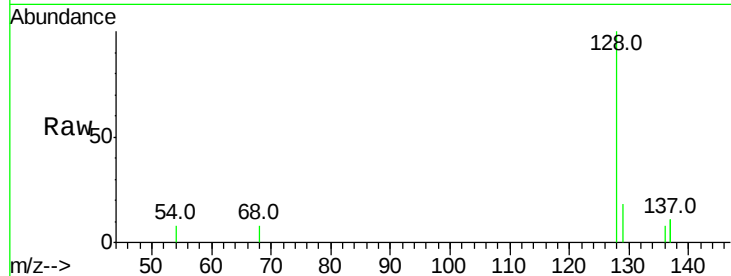
Tot Ion:128 Resp: 1802

Ion Ratio Lower Upper

128 100

129 18.0 11.3 16.9#

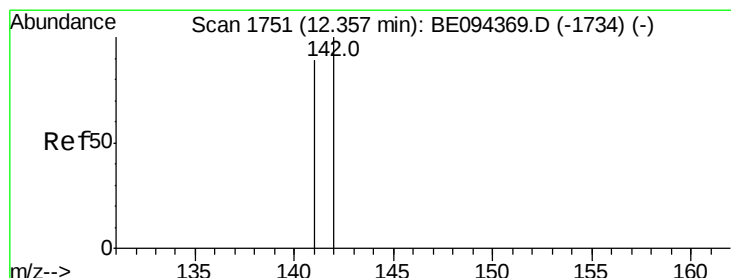
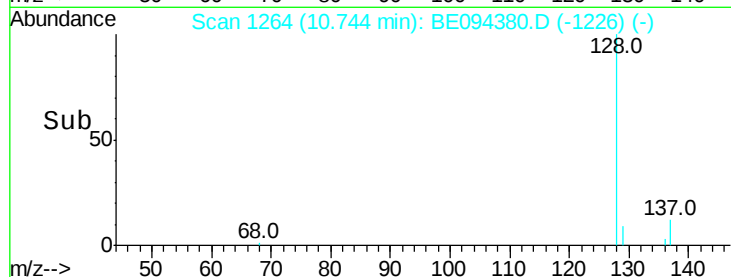
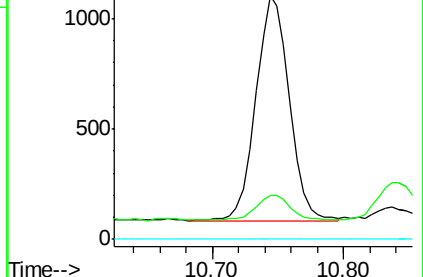
127 0.0 4.0 6.0#



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: 0.103 ng/ul

RT: 12.35 min Scan# 1750

Delta R.T. -0.00 min

Lab File: BE094380.D

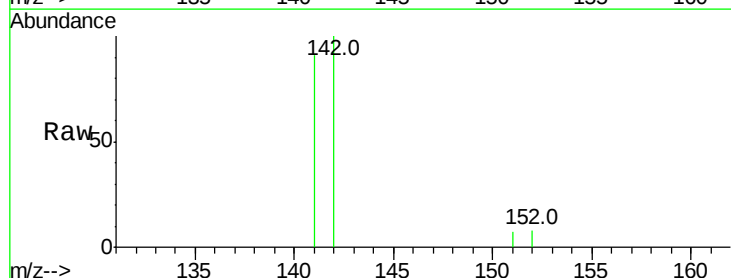
Acq: 15 Oct 2017 6:25

Tgt Ion:142 Resp: 1402

Ion Ratio Lower Upper

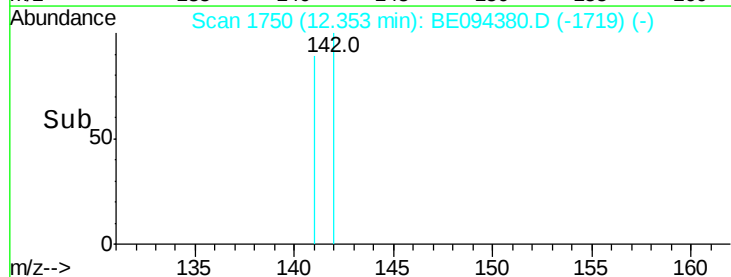
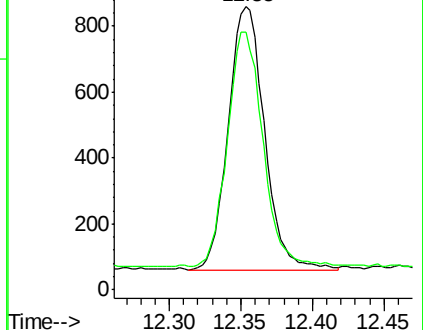
142 100

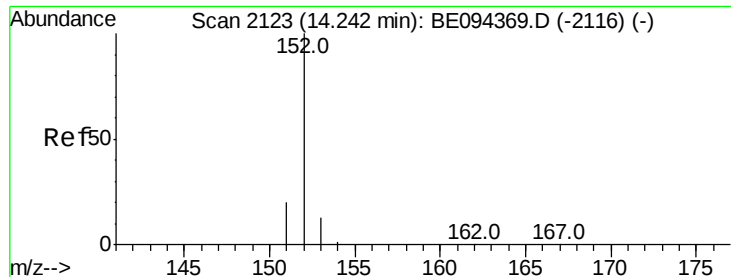
141 88.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.159 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Instrument :

BNA_E

ClientSampleId :

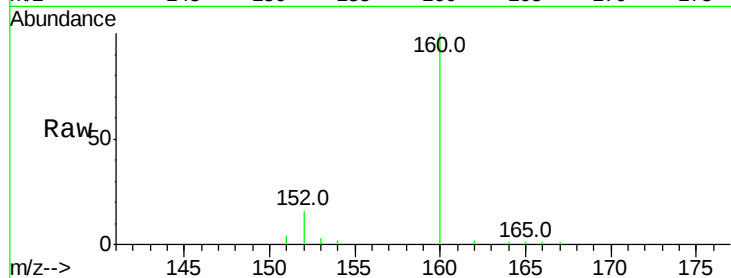
Tot Ion:152 Resp: 3256

Ion Ratio Lower Upper

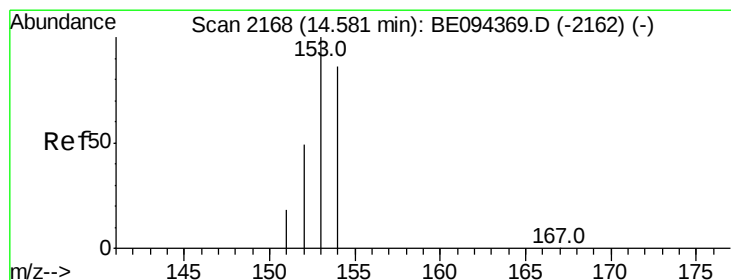
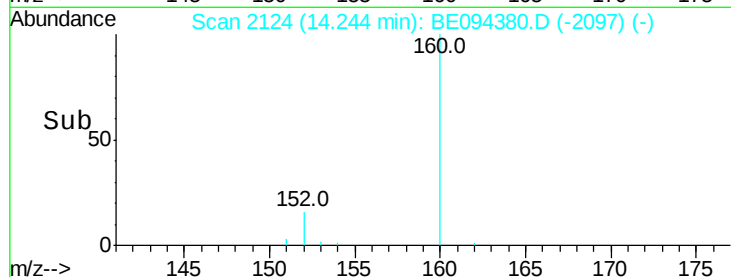
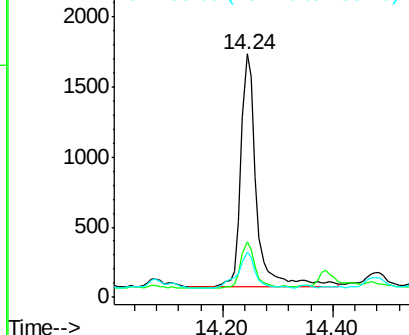
152 100

151 22.8 17.1 25.7

153 18.3 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: 0.128 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

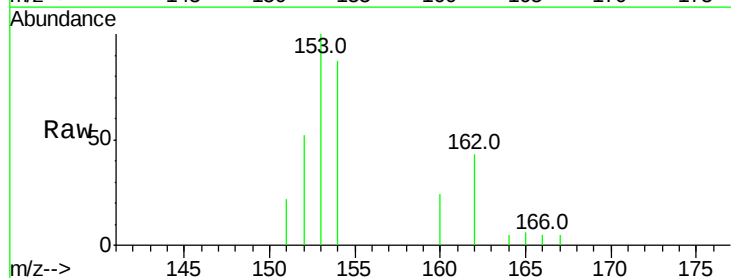
Tgt Ion:153 Resp: 2147

Ion Ratio Lower Upper

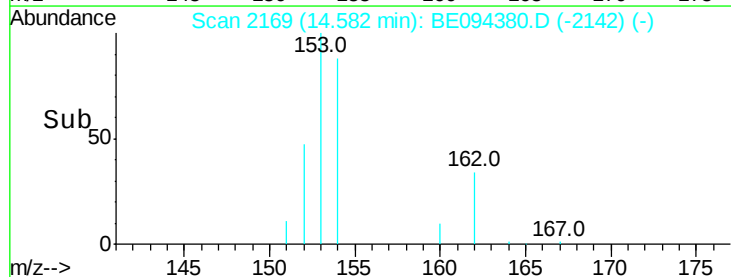
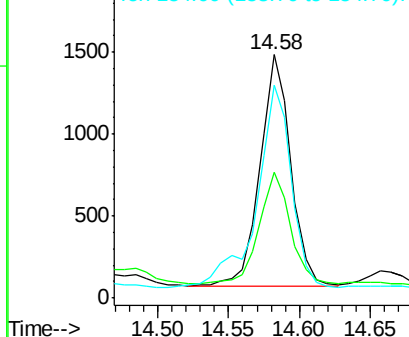
153 100

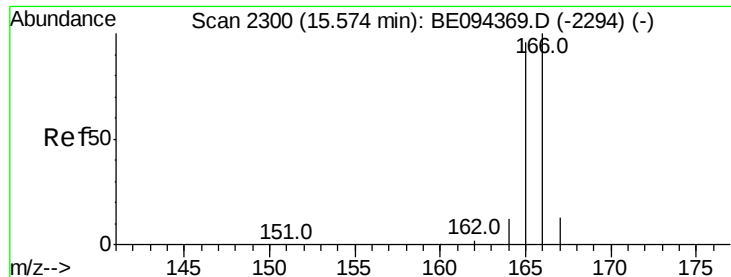
152 51.6 40.3 60.5

154 87.3 71.4 107.2



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

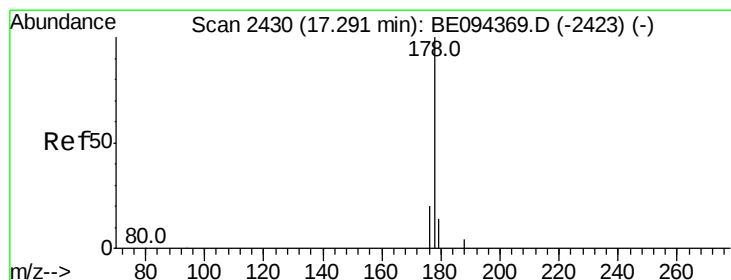
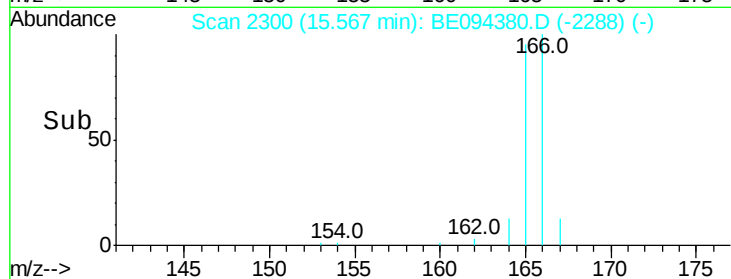
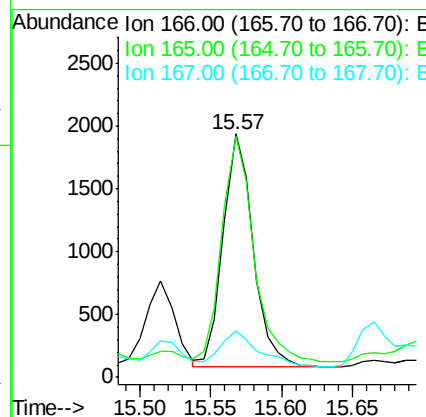
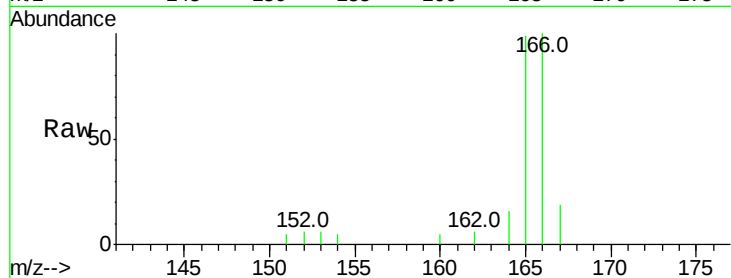




#9
Fluorene
 Concen: 0.140 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094380.D
 Acq: 15 Oct 2017 6:25

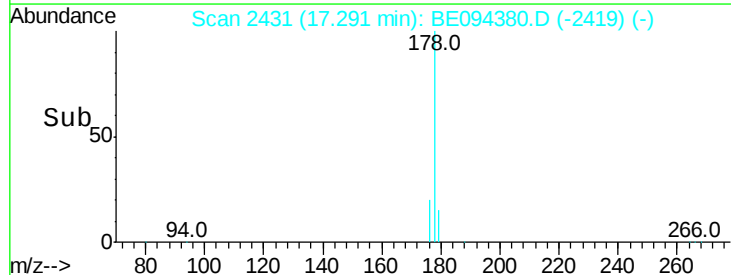
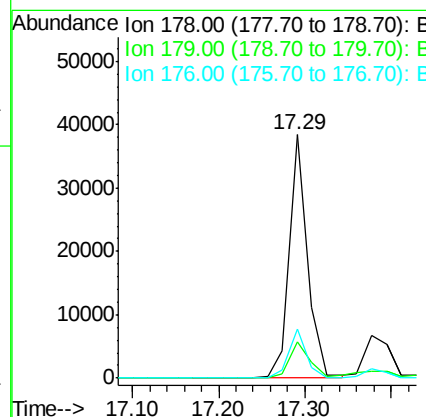
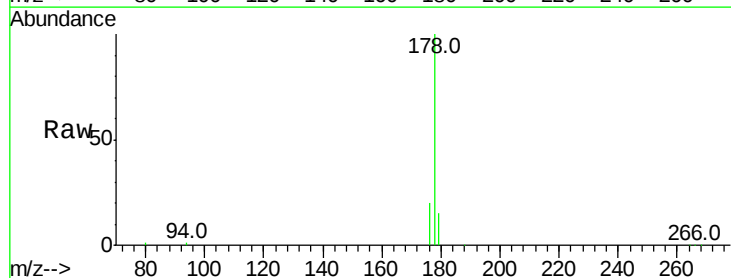
Instrument :
 BNA_E
 ClientSampleId :

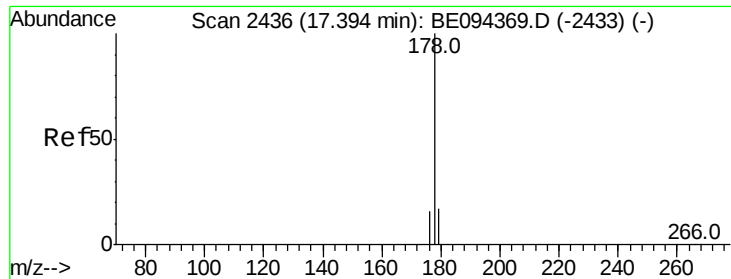
Tot Ion:166 Resp: 2758
 Ion Ratio Lower Upper
 166 100
 165 99.0 73.4 110.2
 167 19.2 14.6 22.0



#12
Phenanthrene
 Concen: 1.807 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BE094380.D
 Acq: 15 Oct 2017 6:25

Tgt Ion:178 Resp: 56559
 Ion Ratio Lower Upper
 178 100
 179 15.0 18.4 27.6#
 176 19.9 13.6 20.4





#13

Anthracene

Concen: 0.430 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Instrument :

BNA_E

ClientSampleId :

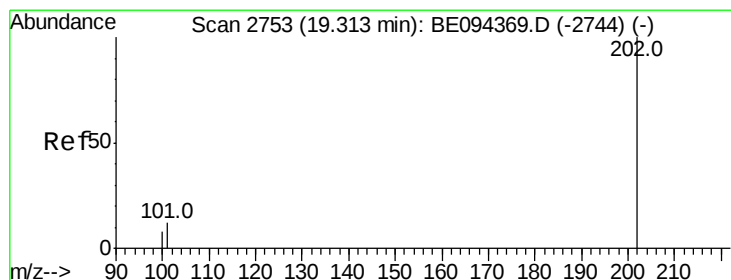
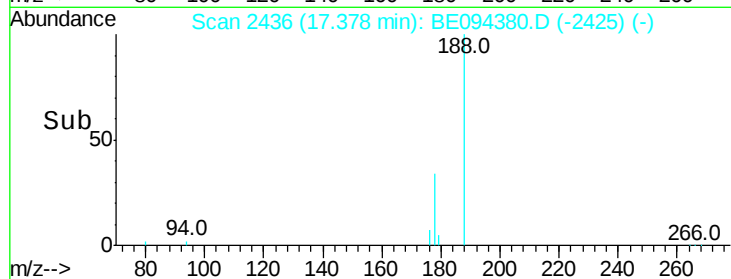
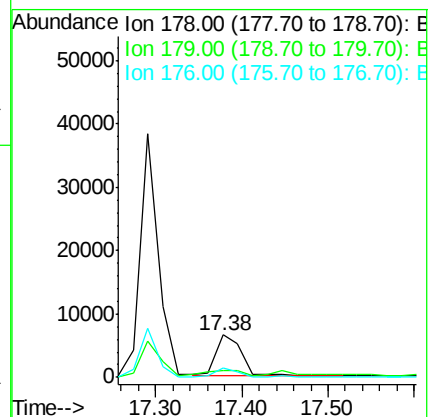
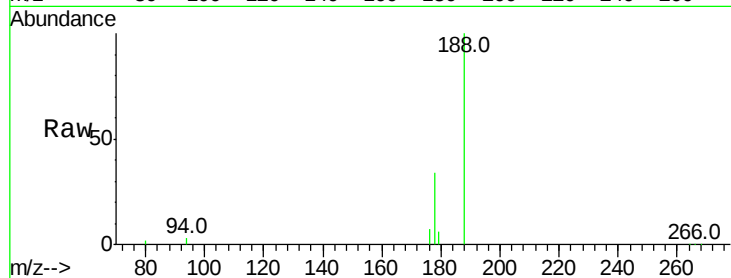
Tot Ion:178 Resp: 13083

Ion Ratio Lower Upper

178 100

179 16.1 18.1 27.1#

176 21.8 14.7 22.1



#15

Fluoranthene

Concen: 3.424 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

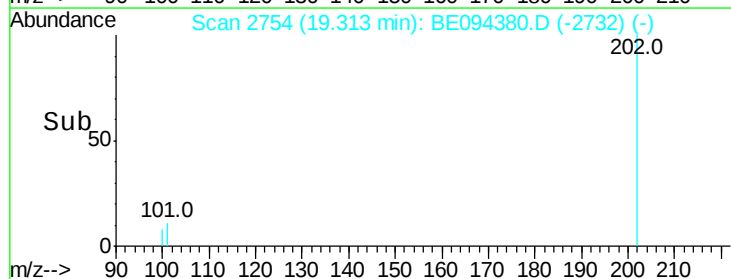
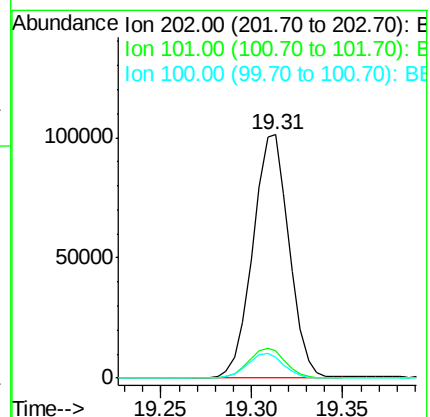
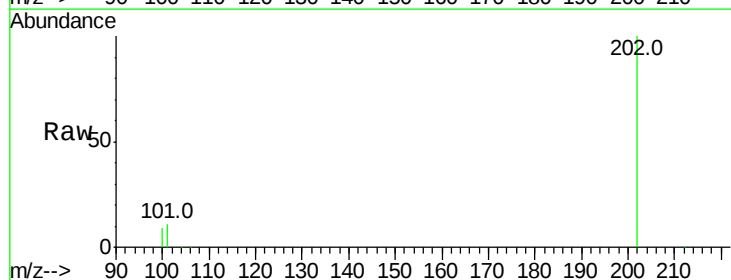
Tgt Ion:202 Resp: 140804

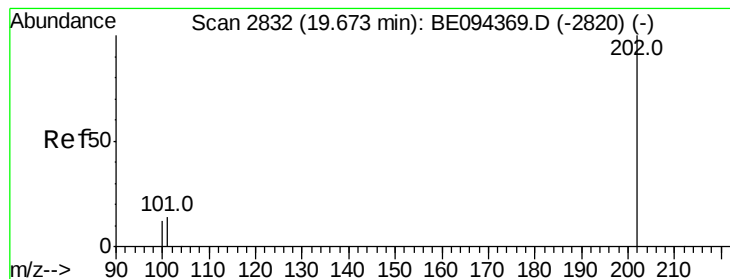
Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

100 8.6 0.0 39.5





#17

Pvrene

Concen: 4.104 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Instrument :

BNA_E

ClientSampleId :

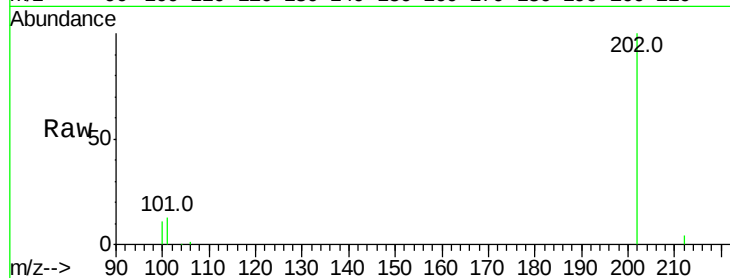
Tot Ion:202 Resp: 135340

Ion Ratio Lower Upper

202 100

101 13.4 18.2 27.4#

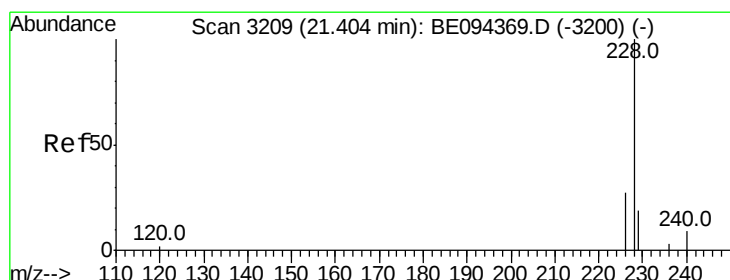
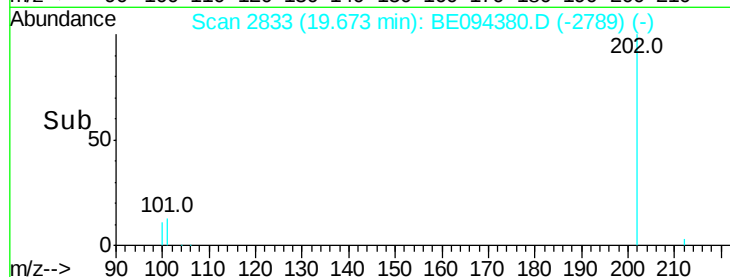
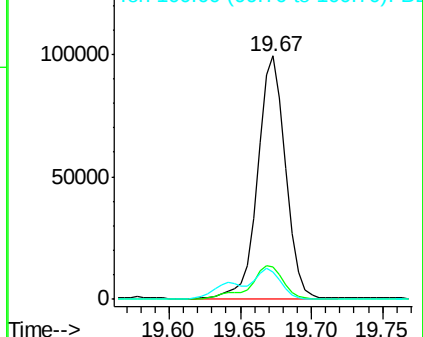
100 11.3 15.6 23.4#



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: 2.309 ng/ul

RT: 21.40 min Scan# 3210

Delta R.T. 0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

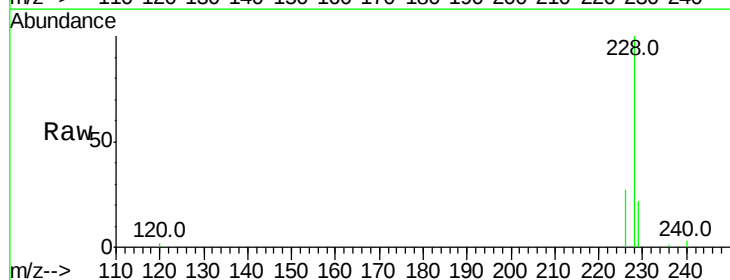
Tgt Ion:228 Resp: 72614

Ion Ratio Lower Upper

228 100

229 22.1 22.8 34.2#

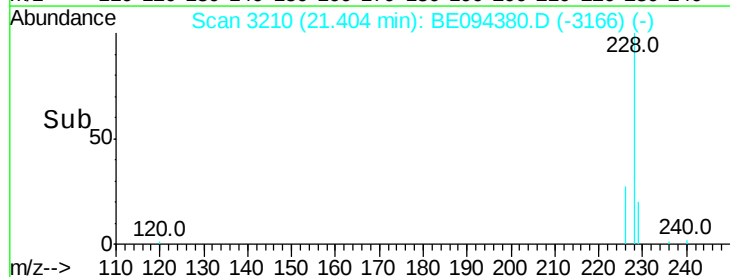
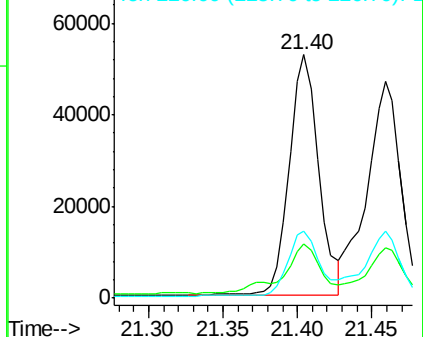
226 27.3 17.0 25.6#

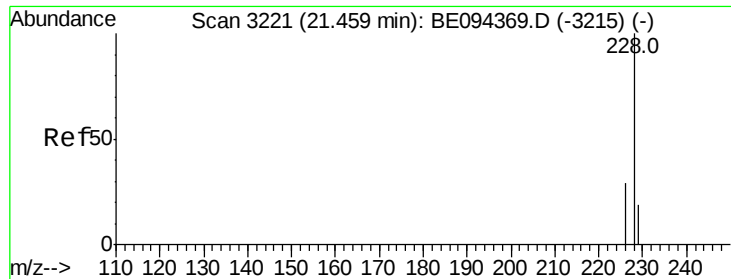


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.029 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Instrument :

BNA_E

ClientSampleId :

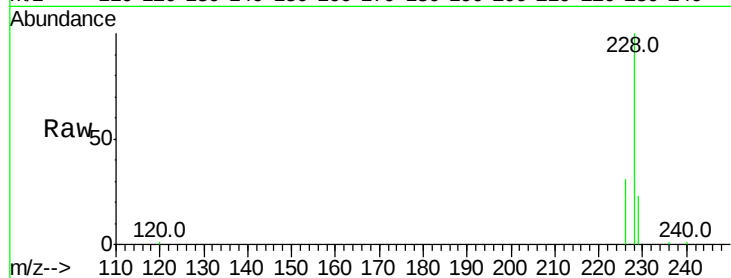
Tot Ion:228 Resp: 73663

Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.0

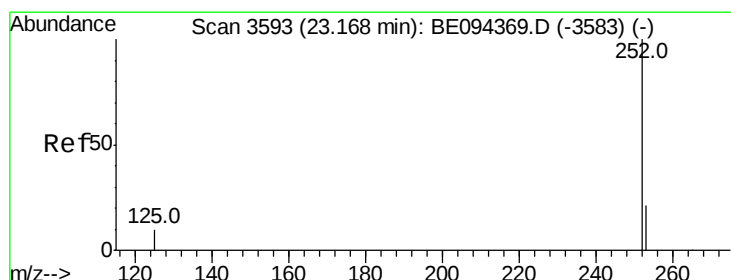
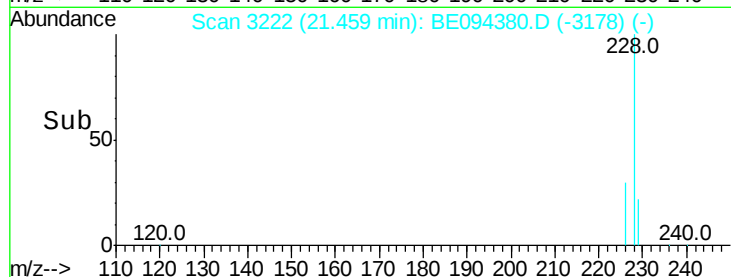
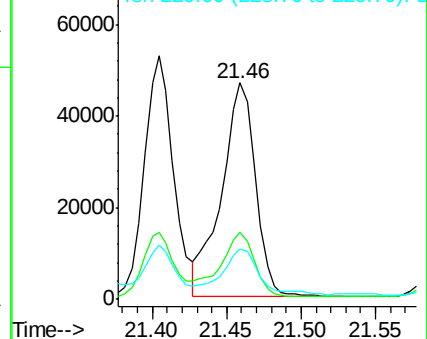
229 23.3 17.7 26.5



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: 0.056 ng/ul

RT: 23.17 min Scan# 3595

Delta R.T. 0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

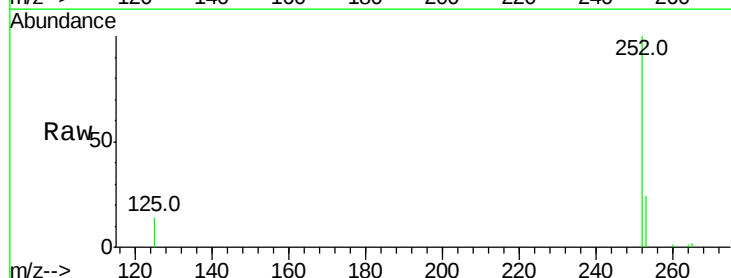
Tgt Ion:252 Resp: 75952

Ion Ratio Lower Upper

252 100

253 24.3 0.0 64.2

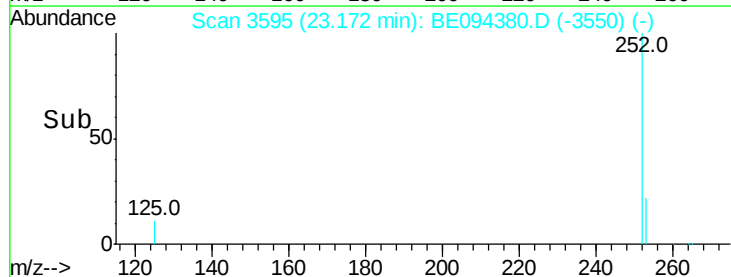
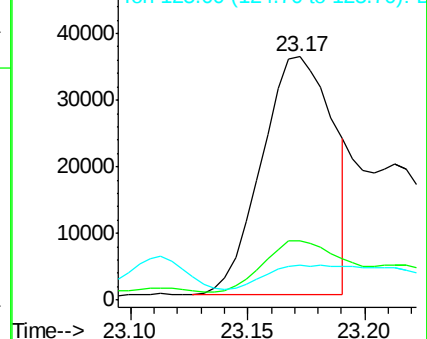
125 14.2 0.0 35.0

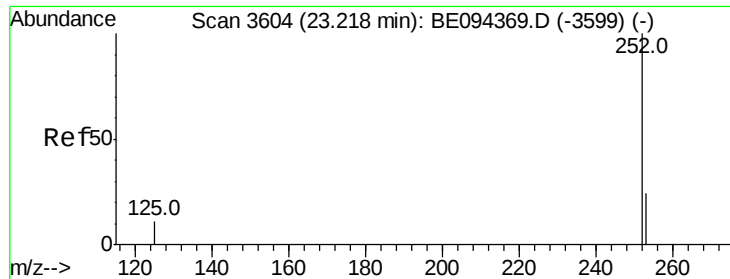


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.049 ng/ul

RT: 23.17 min Scan# 3595

Delta R.T. -0.05 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Instrument :

BNA_E

ClientSampleId :

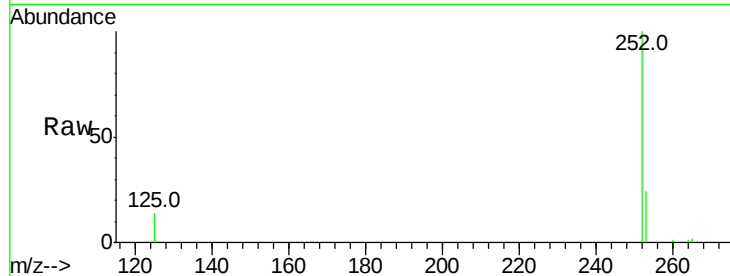
Tot Ion:252 Resp: 75952

Ion Ratio Lower Upper

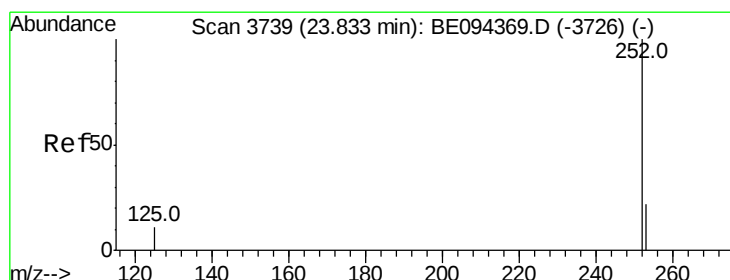
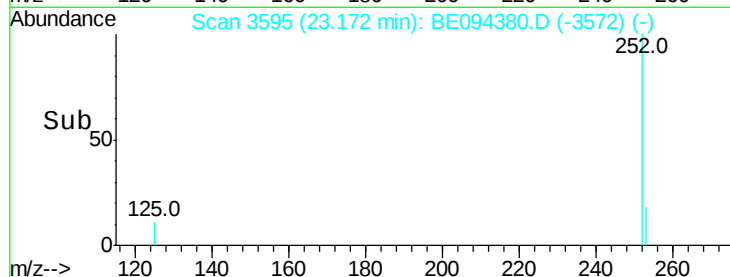
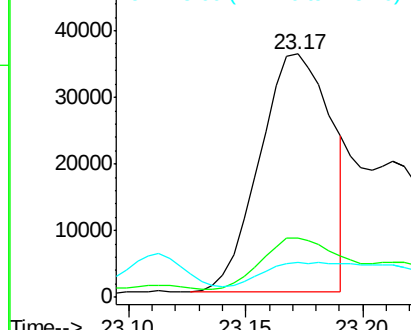
252 100

253 24.3 24.5 36.7#

125 14.2 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: 0.031 ng/ul

RT: 23.72 min Scan# 3716

Delta R.T. -0.11 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

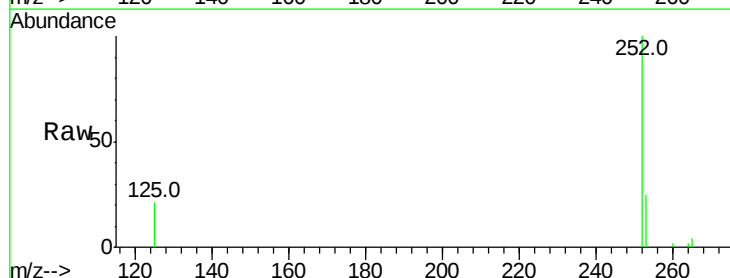
Tgt Ion:252 Resp: 43843

Ion Ratio Lower Upper

252 100

253 25.1 28.5 42.7#

125 20.6 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

