

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094341.D
 Acq On : 14 Oct 2017 2:07
 Operator : SJ/JU
 Sample : I5649-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 04:03:19 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 03:57:24 2017
 Response via : Initial Calibration

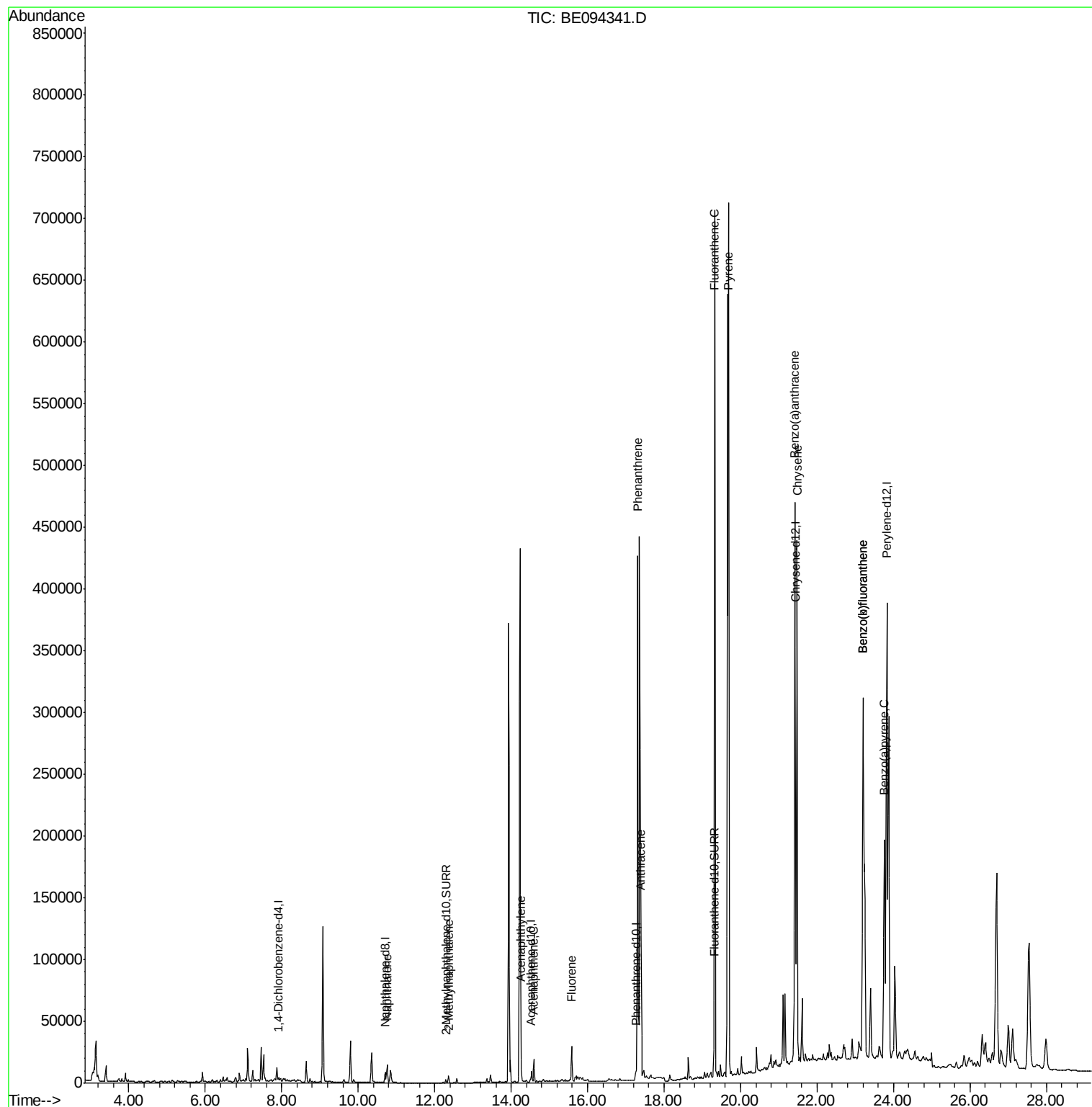
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1754	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	9160	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5236	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	10503	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	10280	0.40	ng/ul	0.00
20) Perylene-d12	23.82	264	562629	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3542	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.29	212	7860	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	21894	0.976	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	5075	0.349	ng/ul	98
7) Acenaphthylene	14.26	152	15024	0.736	ng/ul	98
8) Acenaphthene	14.60	153	11325	0.674	ng/ul	98
9) Fluorene	15.58	166	18272	0.928	ng/ul	94
12) Phenanthrene	17.31	178	460332	16.772	ng/ul#	91
13) Anthracene	17.39	178	126424	4.736	ng/ul#	90
15) Fluoranthene	19.33	202	811478	22.501	ng/ul	84
17) Pyrene	19.69	202	751686	26.280	ng/ul#	84
18) Benzo(a)anthracene	21.42	228	441576	16.192	ng/ul#	87
19) Chrysene	21.48	228	424865	13.490	ng/ul	98
21) Benzo(b)fluoranthene	23.20	252	539711	0.353	ng/ul	88
22) Benzo(k)fluoranthene	23.20	252	509611	0.288	ng/ul#	90
23) Benzo(a)pyrene	23.76	252	293452	0.185	ng/ul#	86

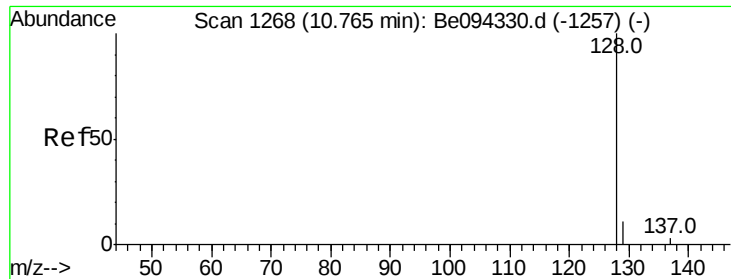
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.976 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BE094341.D

Acq: 14 Oct 2017 2:07

Instrument :

BNA_E

ClientSampleId :

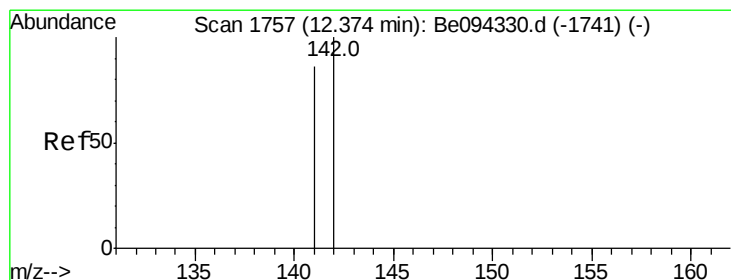
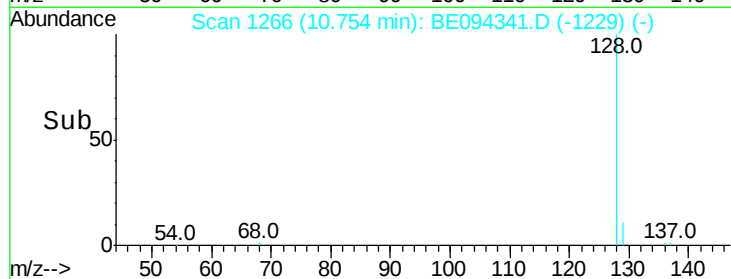
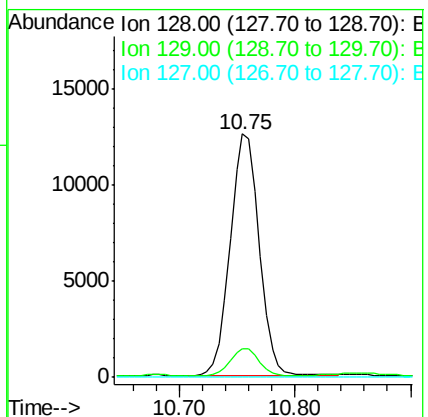
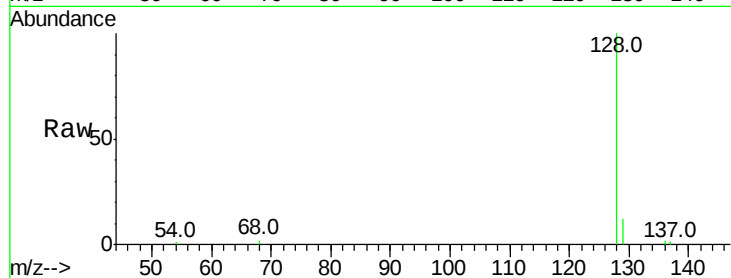
Tot Ion:128 Resp: 21894

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.349 ng/ul

RT: 12.36 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BE094341.D

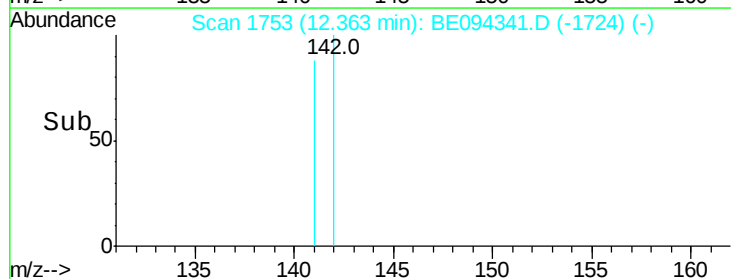
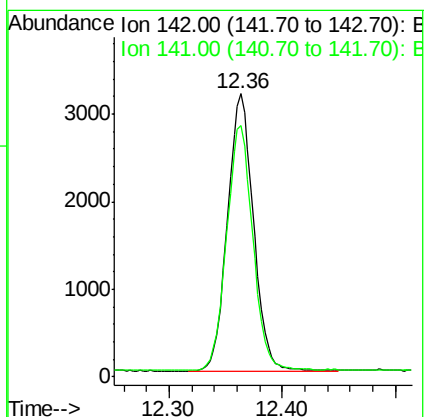
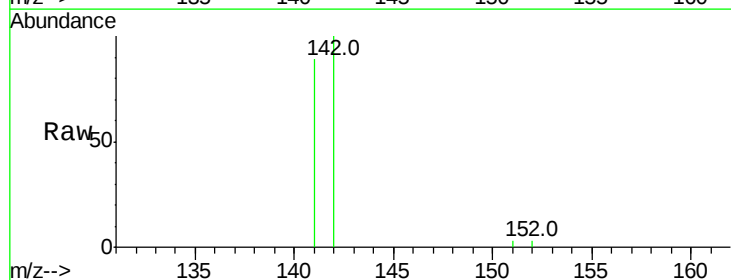
Acq: 14 Oct 2017 2:07

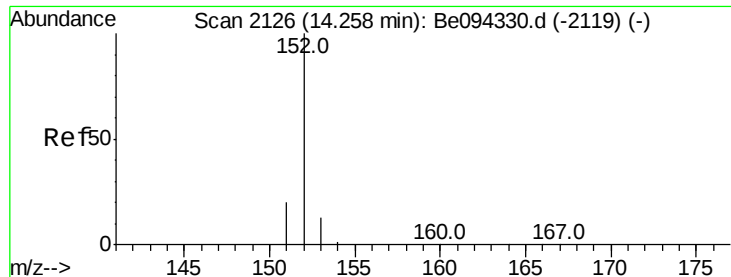
Tgt Ion:142 Resp: 5075

Ion Ratio Lower Upper

142 100

141 88.7 72.6 108.8





#7

Acenaphthylene

Concen: 0.736 ng/ul

RT: 14.26 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE094341.D

Acq: 14 Oct 2017 2:07

Instrument :

BNA_E

ClientSampleId :

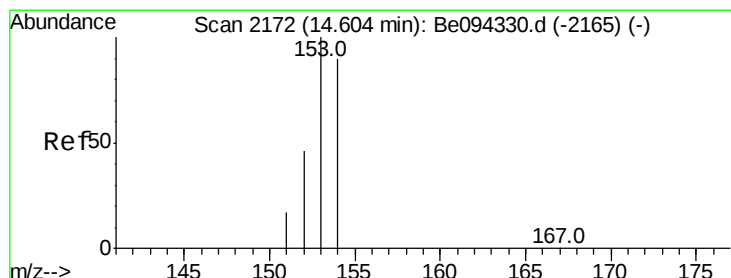
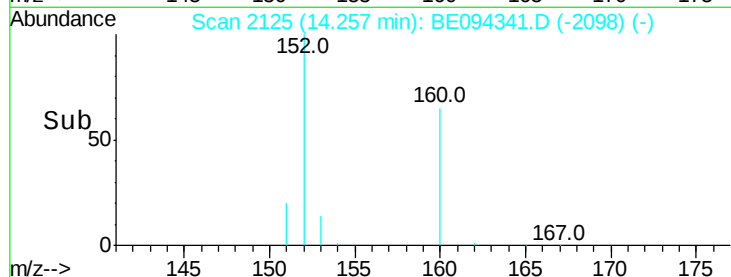
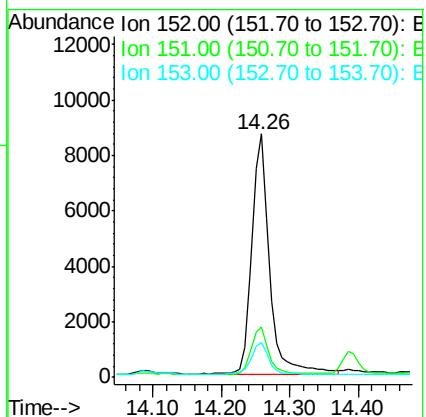
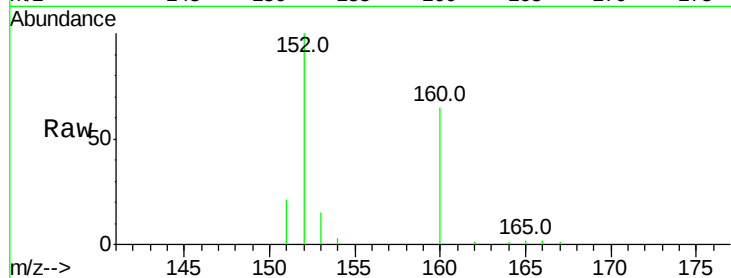
Tot Ion:152 Resp: 15024

Ion Ratio Lower Upper

152 100

151 20.7 17.1 25.7

153 14.6 12.8 19.2



#8

Acenaphthene

Concen: 0.674 ng/ul

RT: 14.60 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BE094341.D

Acq: 14 Oct 2017 2:07

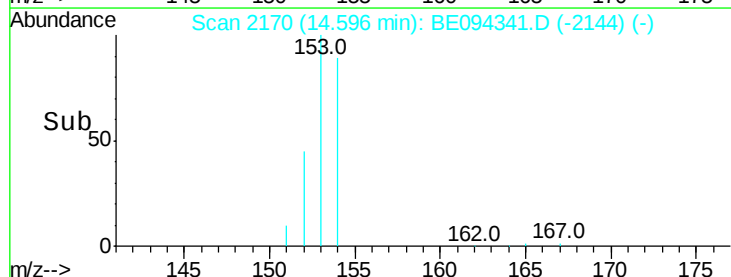
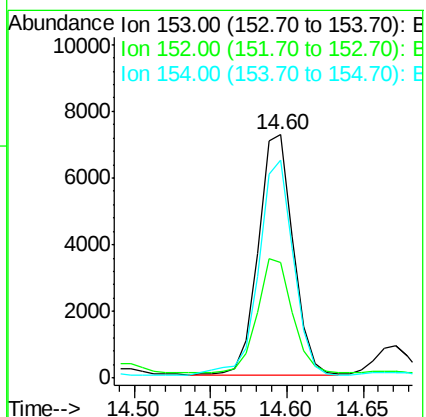
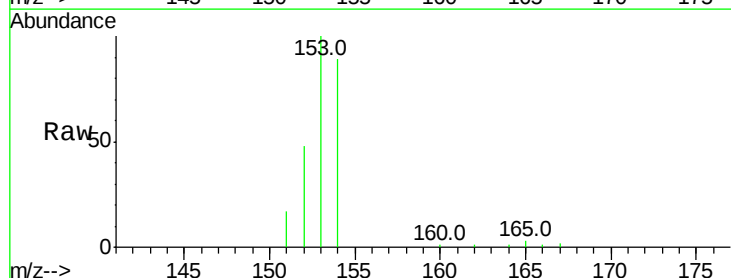
Tgt Ion:153 Resp: 11325

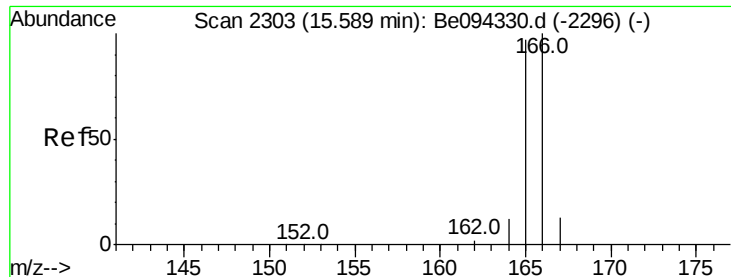
Ion Ratio Lower Upper

153 100

152 47.7 40.3 60.5

154 89.5 71.4 107.2

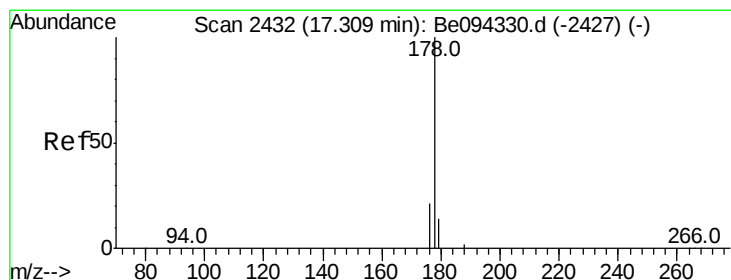
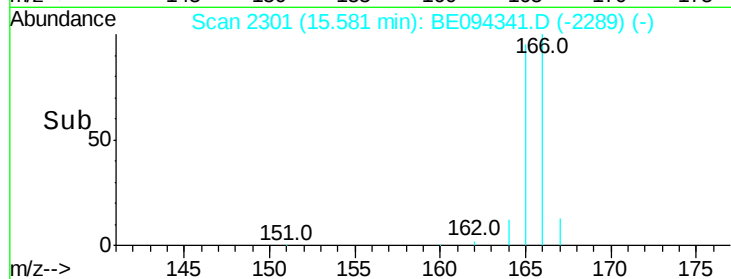
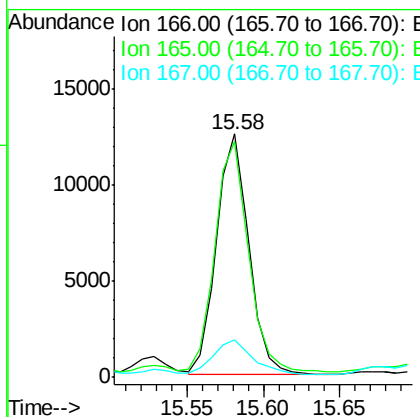
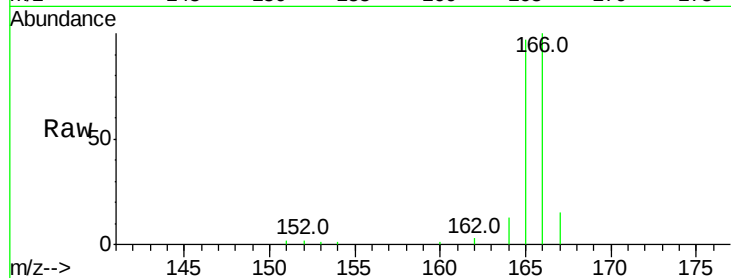




#9
Fluorene
 Concen: 0.928 ng/ul
 RT: 15.58 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BE094341.D
 Acq: 14 Oct 2017 2:07

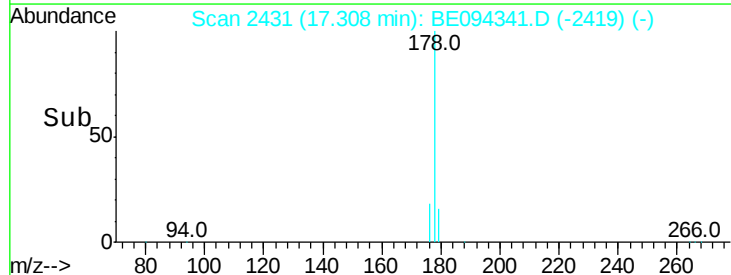
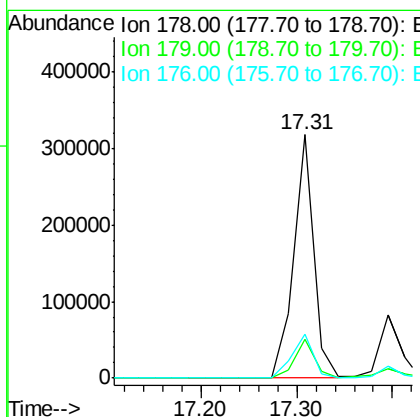
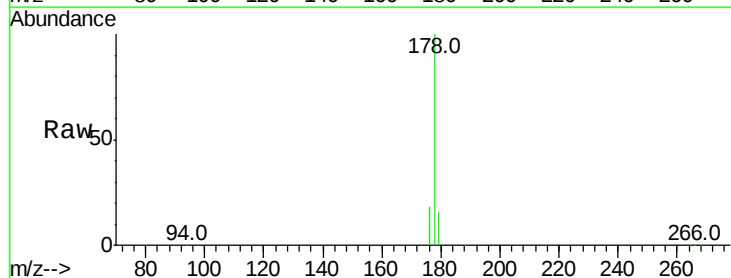
Instrument :
 BNA_E
 ClientSampleId :

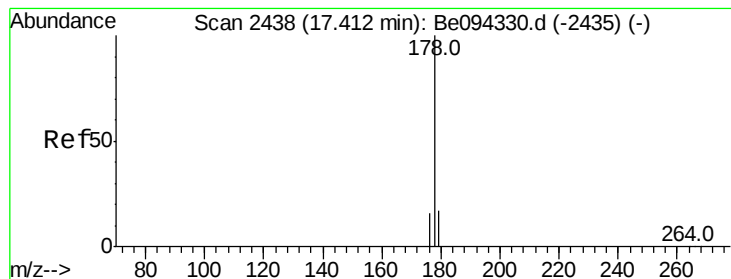
Tot Ion:166 Resp: 18272
 Ion Ratio Lower Upper
 166 100
 165 97.0 73.4 110.2
 167 15.5 14.6 22.0



#12
Phenanthrene
 Concen: 16.772 ng/ul
 RT: 17.31 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BE094341.D
 Acq: 14 Oct 2017 2:07

Tgt Ion:178 Resp: 460332
 Ion Ratio Lower Upper
 178 100
 179 15.9 18.4 27.6#
 176 17.8 13.6 20.4





#13

Anthracene

Concen: 4.736 ng/ul

RT: 17.39 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094341.D

Acq: 14 Oct 2017 2:07

Instrument :

BNA_E

ClientSampleId :

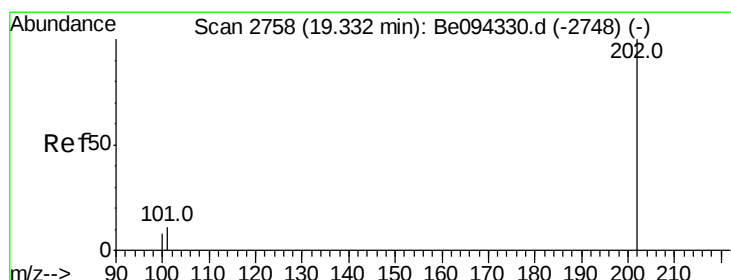
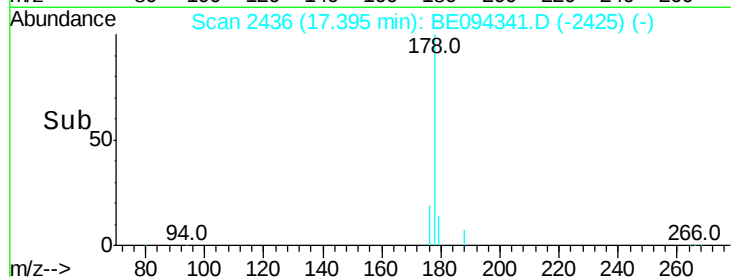
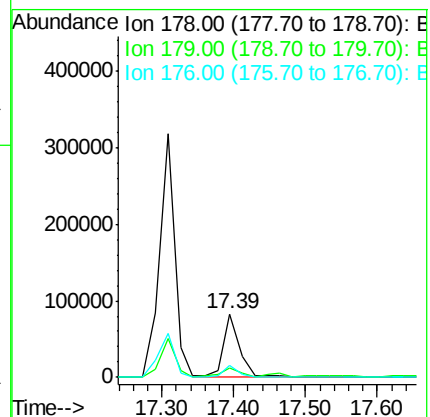
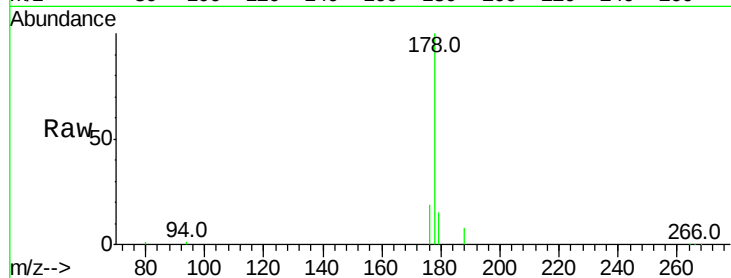
Tot Ion:178 Resp: 126424

Ion Ratio Lower Upper

178 100

179 15.0 18.1 27.1#

176 19.5 14.7 22.1



#15

Fluoranthene

Concen: 22.501 ng/ul

RT: 19.33 min Scan# 2756

Delta R.T. -0.00 min

Lab File: BE094341.D

Acq: 14 Oct 2017 2:07

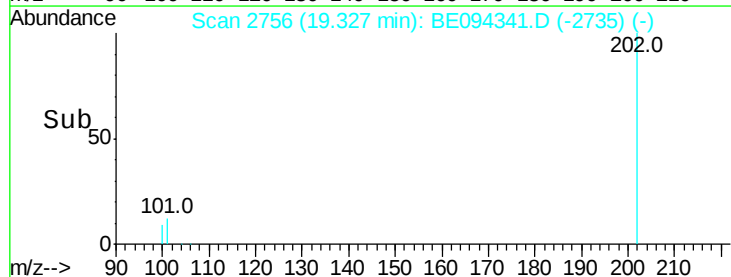
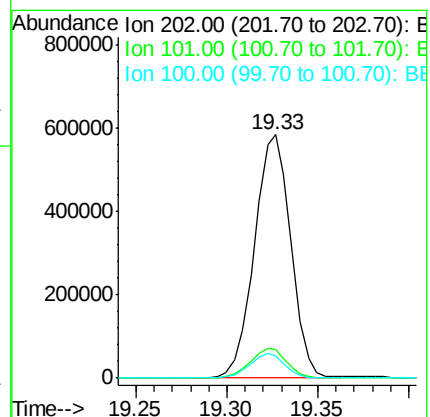
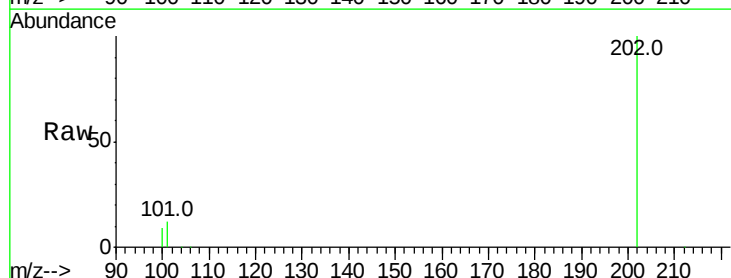
Tgt Ion:202 Resp: 811478

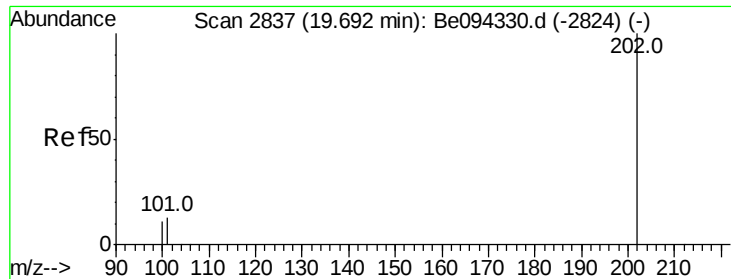
Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.3

100 9.1 0.0 39.5

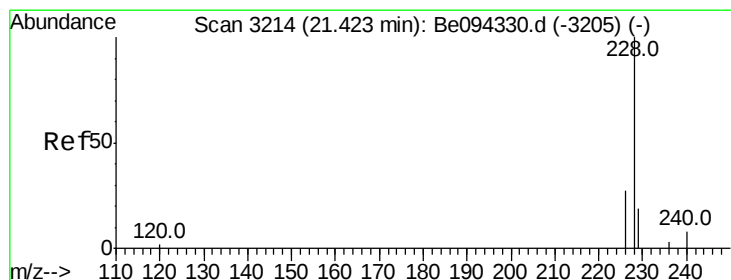
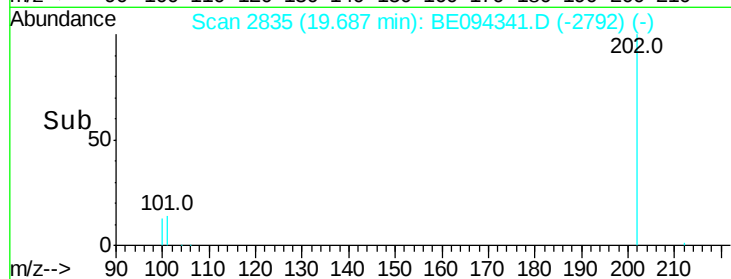
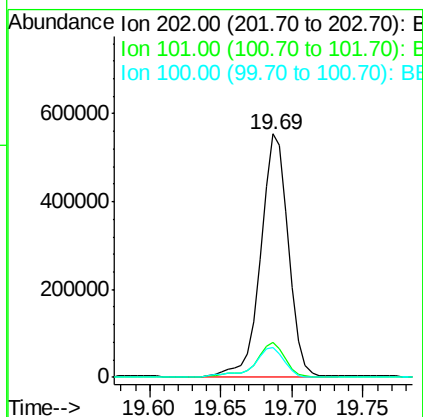
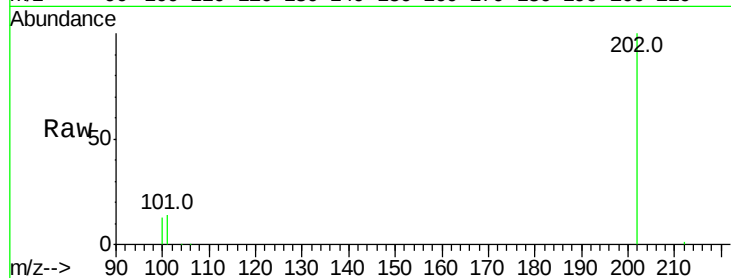




#17
Pvrene
Concen: 26.280 ng/ul
RT: 19.69 min Scan# 2835
Delta R.T. -0.00 min
Lab File: BE094341.D
Acq: 14 Oct 2017 2:07

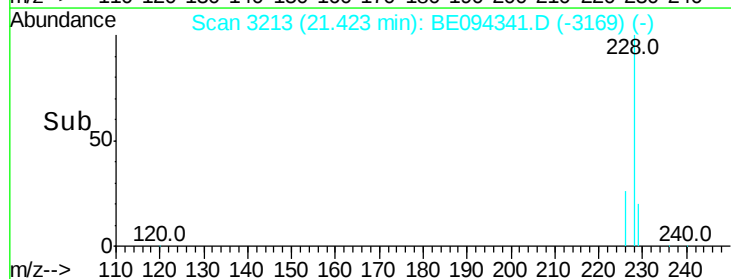
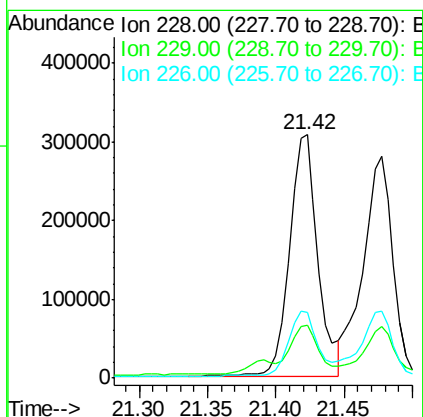
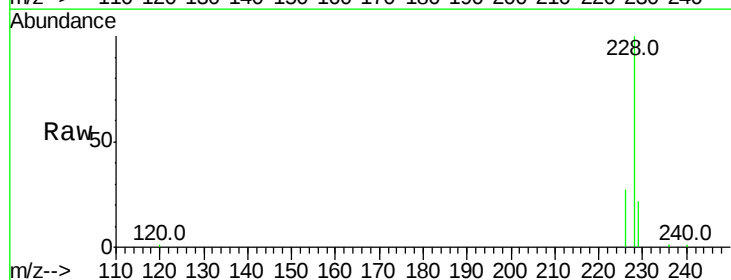
Instrument :
BNA_E
ClientSampleId :

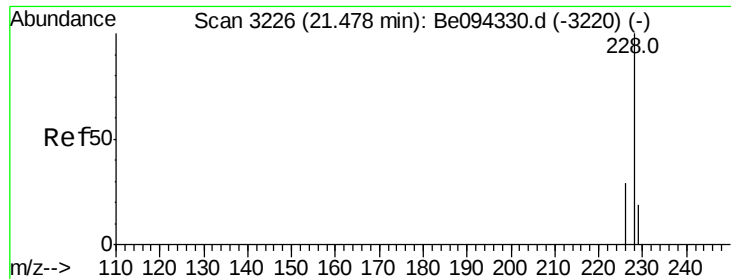
Tot Ion:202 Resp: 751686
Ion Ratio Lower Upper
202 100
101 14.4 18.2 27.4#
100 12.5 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 16.192 ng/ul
RT: 21.42 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BE094341.D
Acq: 14 Oct 2017 2:07

Tgt Ion:228 Resp: 441576
Ion Ratio Lower Upper
228 100
229 21.9 22.8 34.2#
226 27.2 17.0 25.6#





#19

Chrysene

Concen: 13.490 ng/ul

RT: 21.48 min Scan# 3225

Delta R.T. -0.00 min

Lab File: BE094341.D

Acq: 14 Oct 2017 2:07

Instrument :

BNA_E

ClientSampleId :

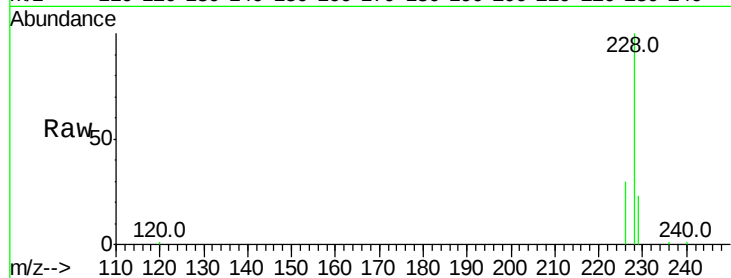
Tot Ion:228 Resp: 424865

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.0

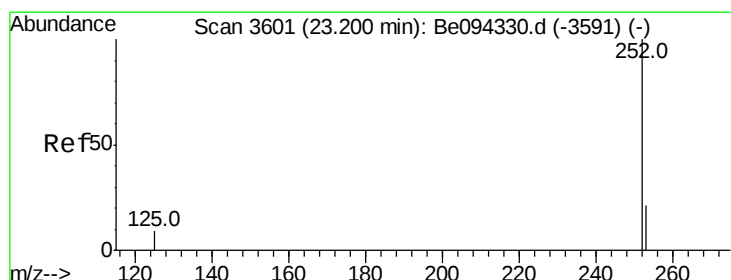
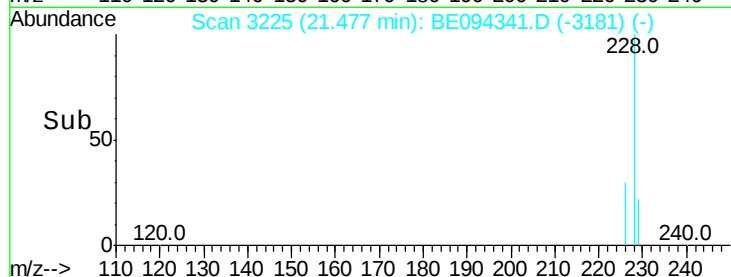
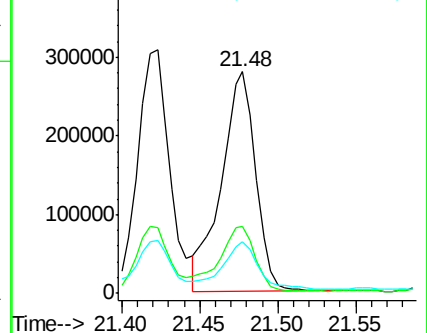
229 23.2 17.7 26.5



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: 0.353 ng/ul

RT: 23.20 min Scan# 3601

Delta R.T. 0.00 min

Lab File: BE094341.D

Acq: 14 Oct 2017 2:07

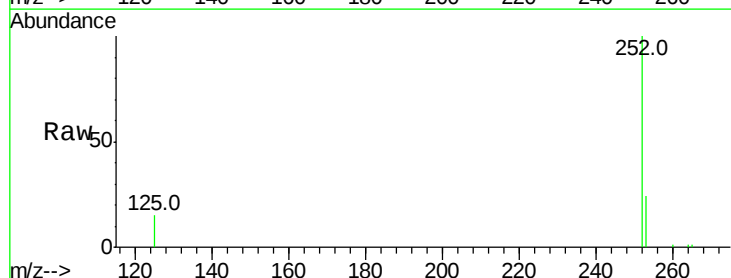
Tgt Ion:252 Resp: 539711

Ion Ratio Lower Upper

252 100

253 24.1 0.0 64.2

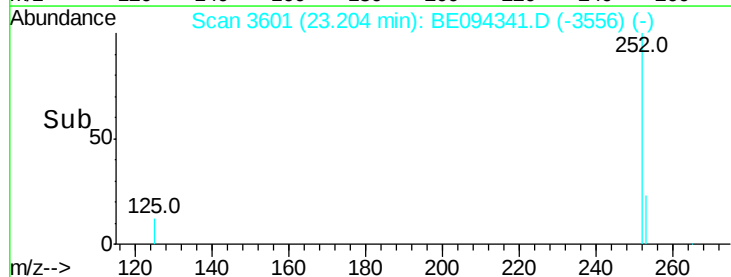
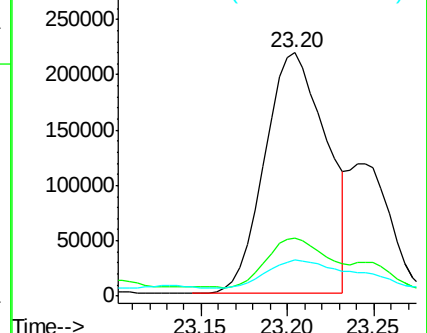
125 14.7 0.0 35.0

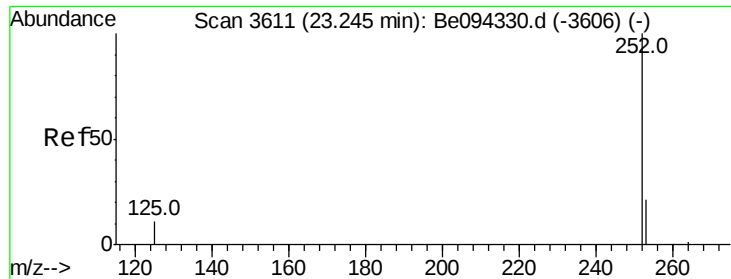


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.288 ng/ul

RT: 23.20 min Scan# 3601

Delta R.T. -0.04 min

Lab File: BE094341.D

Acq: 14 Oct 2017 2:07

Instrument :

BNA_E

ClientSampleId :

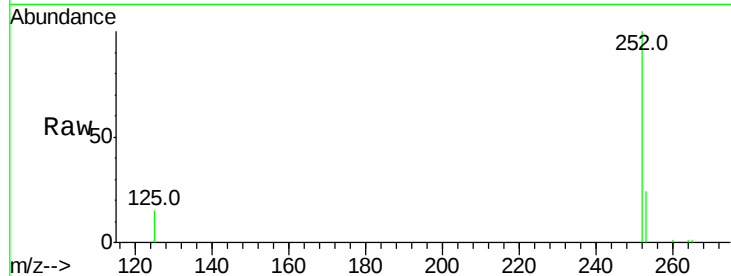
Tot Ion:252 Resp: 509611

Ion Ratio Lower Upper

252 100

253 24.1 24.5 36.7#

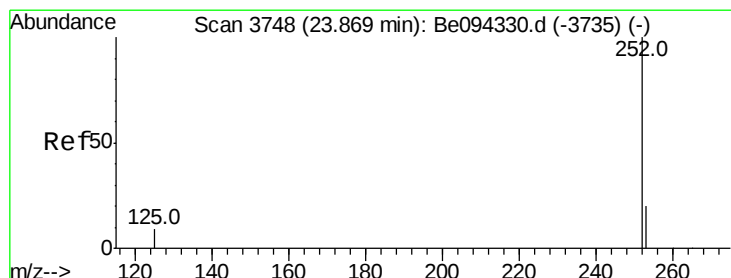
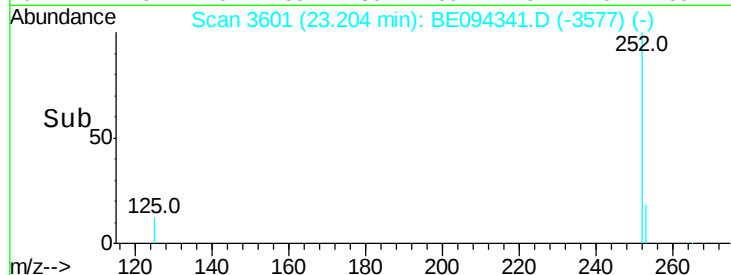
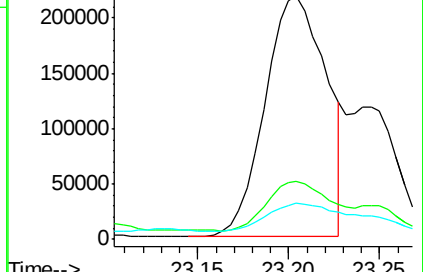
125 14.7 13.7 20.5



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: 0.185 ng/ul

RT: 23.76 min Scan# 3722

Delta R.T. -0.11 min

Lab File: BE094341.D

Acq: 14 Oct 2017 2:07

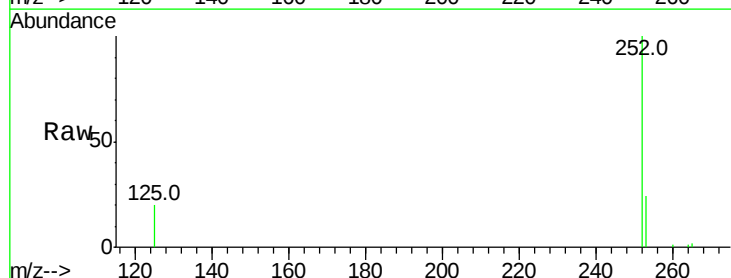
Tgt Ion:252 Resp: 293452

Ion Ratio Lower Upper

252 100

253 24.0 28.5 42.7#

125 20.4 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

