

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093837.D
 Acq On : 16 Aug 2017 12:53
 Operator : SJ/JU
 Sample : I4672-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG3

Quant Time: Aug 17 00:59:01 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration

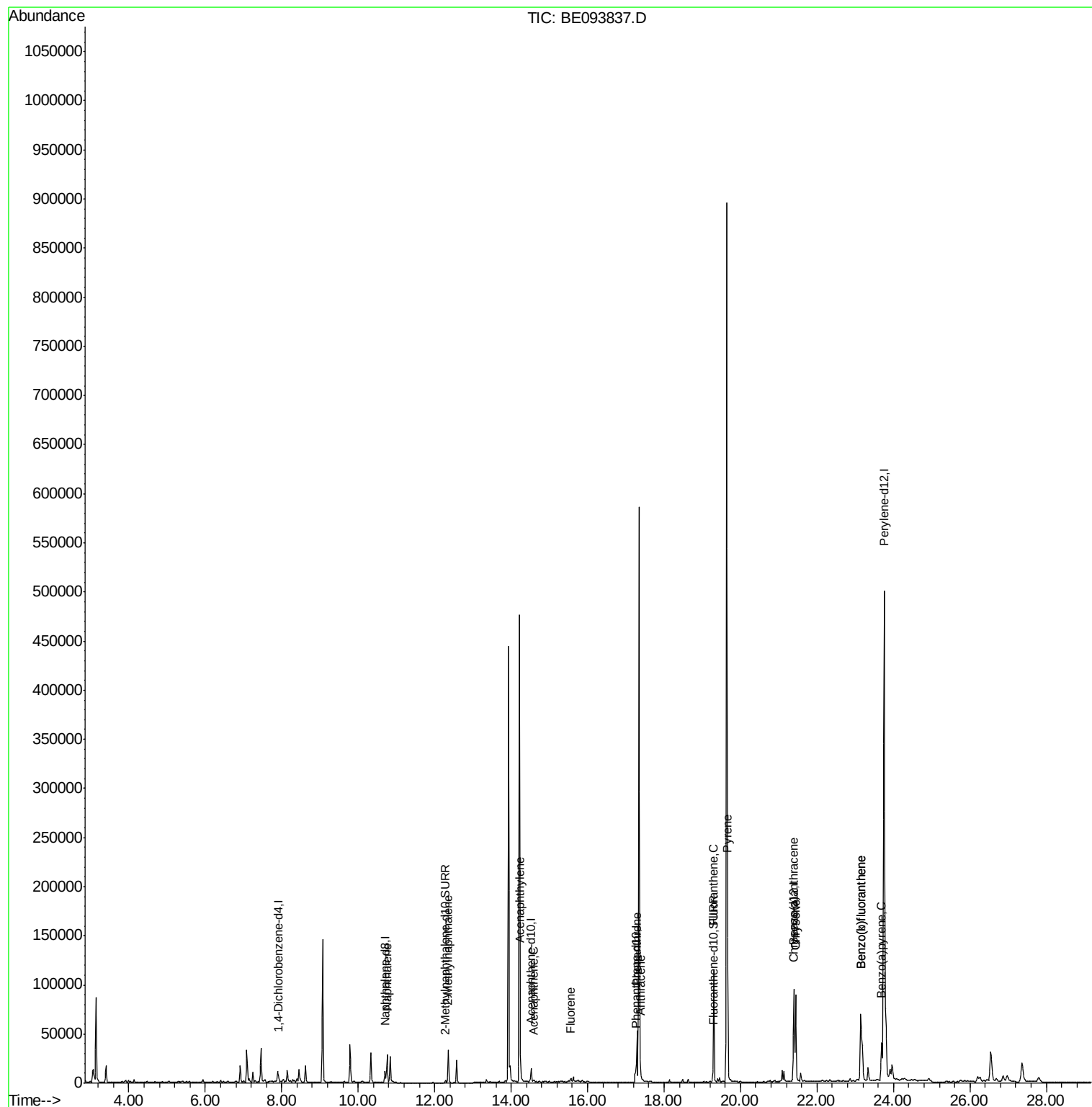
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2397	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12580	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7602	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15598	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16198	0.40	ng/ul	0.00
20) Perylene-d12	23.75	264	725549	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4216	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10569	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	44077	1.440	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	29080	1.303	ng/ul	99
7) Acenaphthylene	14.24	152	8642	0.272	ng/ul#	96
8) Acenaphthene	14.58	153	1524	0.061	ng/ul	95
9) Fluorene	15.57	166	1955	0.062	ng/ul#	87
12) Phenanthrene	17.29	178	59927	1.411	ng/ul#	92
13) Anthracene	17.38	178	12640	0.305	ng/ul#	93
15) Fluoranthene	19.30	202	127576	2.402	ng/ul	84
17) Pyrene	19.66	202	140659	2.975	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	86983	1.852	ng/ul#	86
19) Chrysene	21.44	228	95166	2.113	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	121405	0.054	ng/ul	86
22) Benzo(k)fluoranthene	23.14	252	113857	0.051	ng/ul#	88
23) Benzo(a)pyrene	23.69	252	64369	0.030	ng/ul#	83

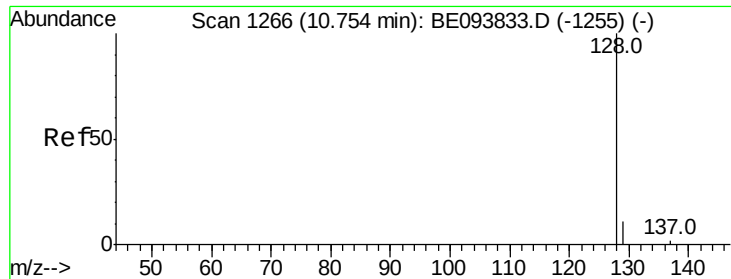
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.440 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Instrument :

BNA_E

ClientSampleId :

C0AG3

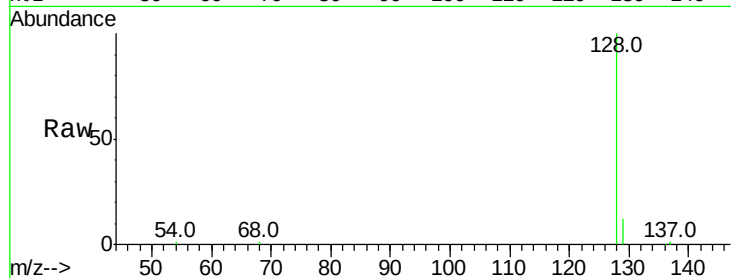
Tot Ion:128 Resp: 44077

Ion Ratio Lower Upper

128 100

129 12.2 11.3 16.9

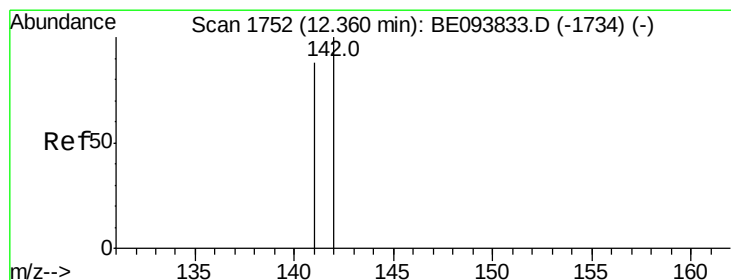
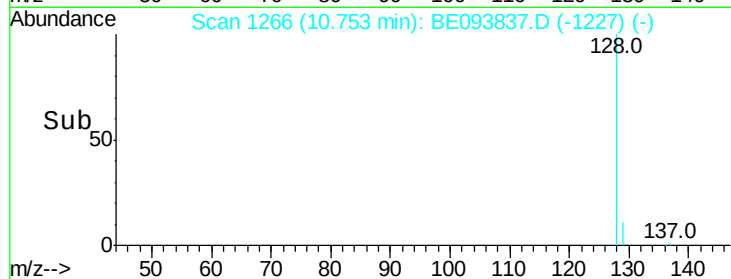
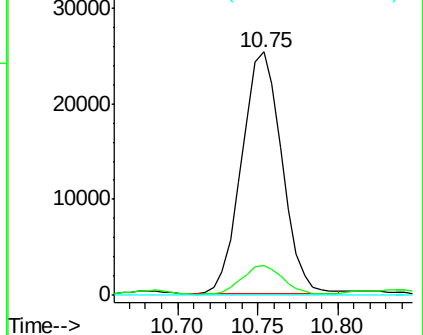
127 0.0 4.0 6.0#



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: 1.303 ng/ul

RT: 12.35 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BE093837.D

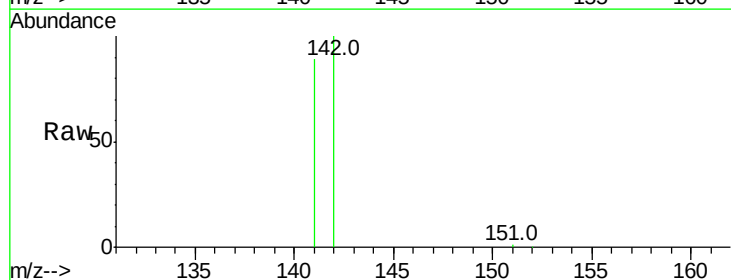
Acq: 16 Aug 2017 12:53

Tgt Ion:142 Resp: 29080

Ion Ratio Lower Upper

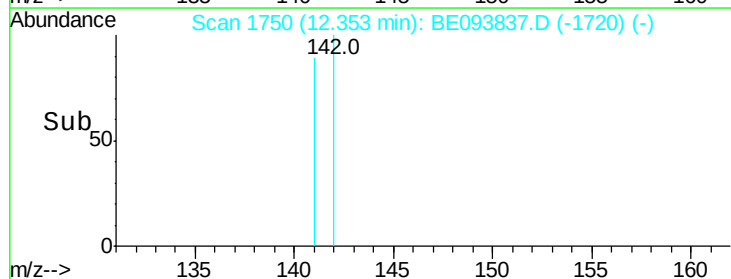
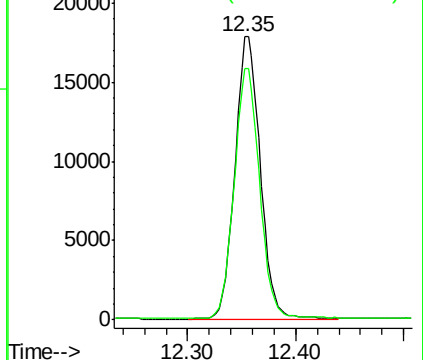
142 100

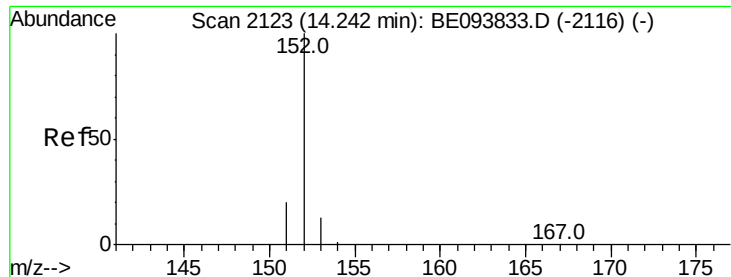
141 89.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.272 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Instrument :

BNA_E

ClientSampleId :

C0AG3

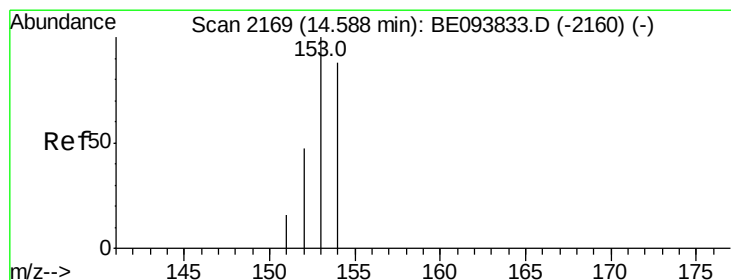
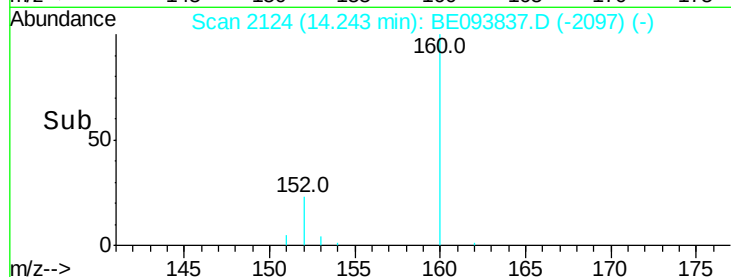
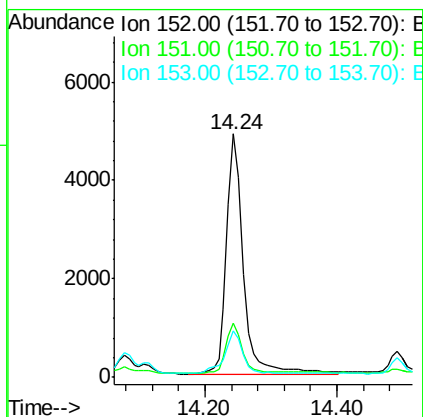
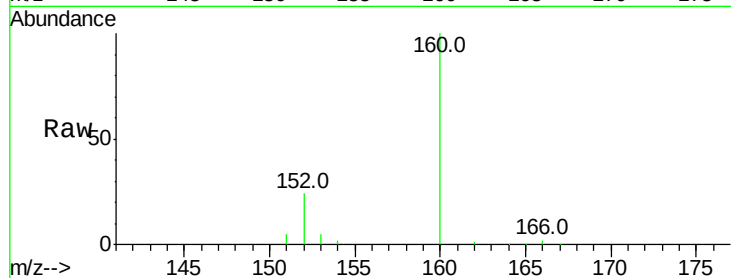
Tot Ion:152 Resp: 8642

Ion Ratio Lower Upper

152 100

151 22.2 17.1 25.7

153 19.3 12.8 19.2#



#8

Acenaphthene

Concen: 0.061 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

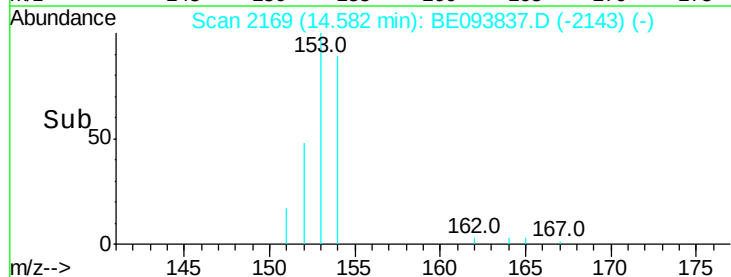
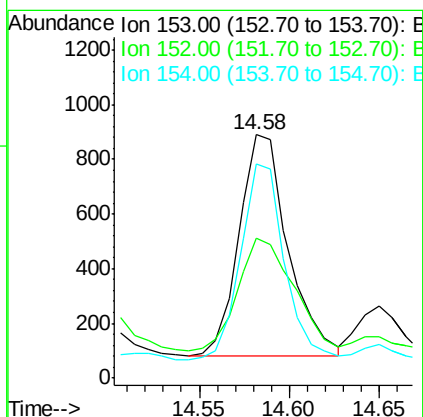
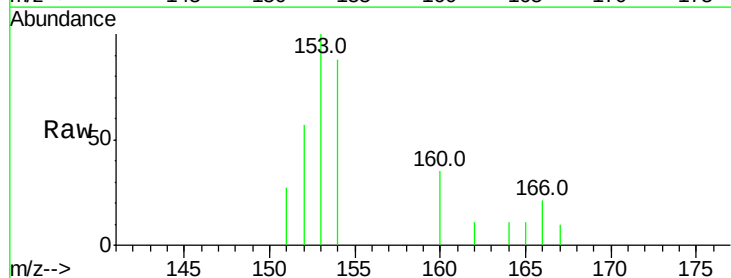
Tgt Ion:153 Resp: 1524

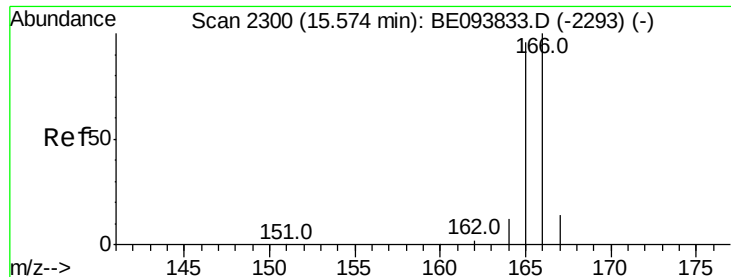
Ion Ratio Lower Upper

153 100

152 57.4 40.3 60.5

154 88.0 71.4 107.2

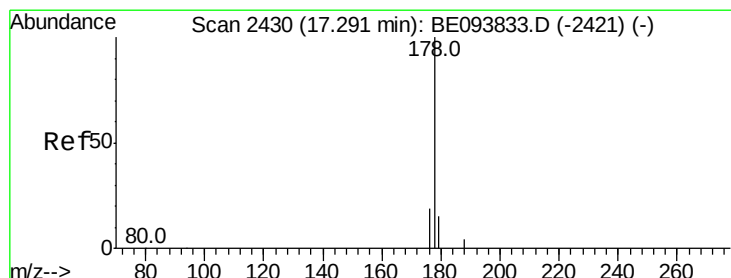
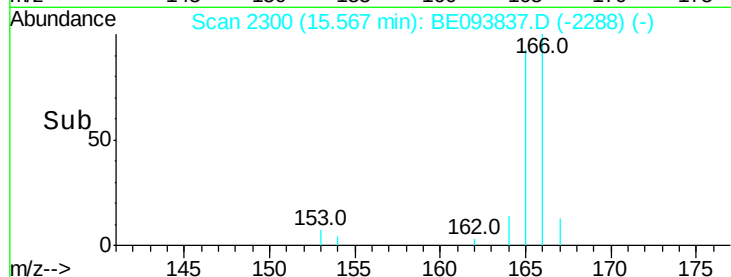
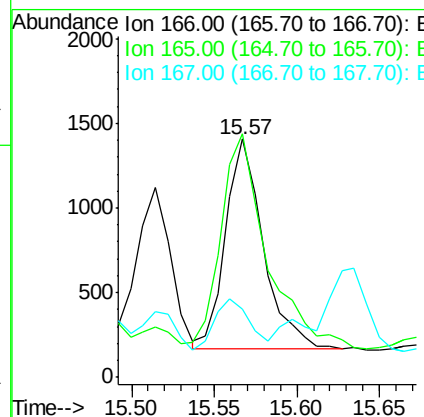
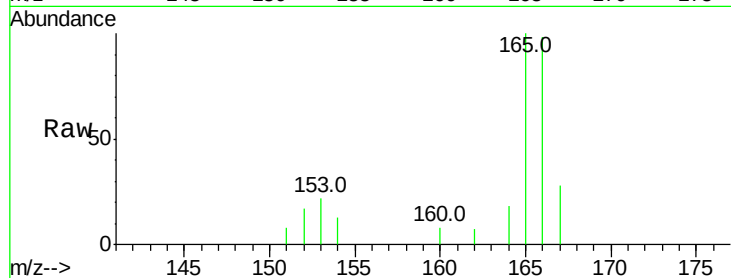




#9
Fluorene
 Concen: 0.062 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE093837.D
 Acq: 16 Aug 2017 12:53

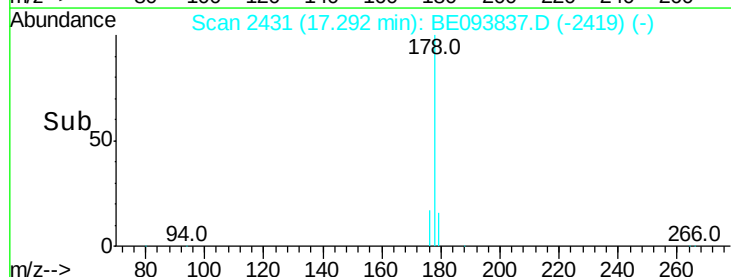
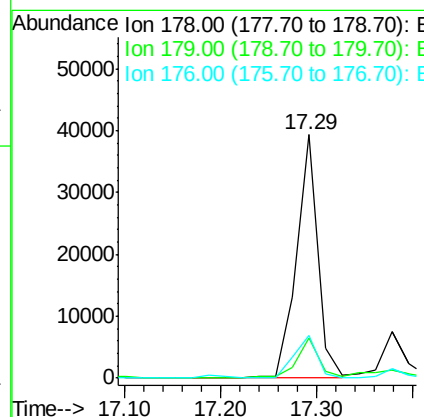
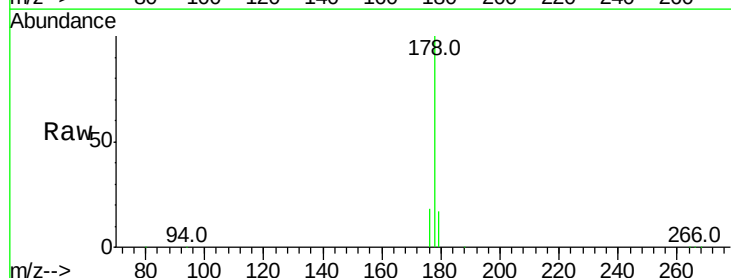
Instrument :
 BNA_E
 ClientSampleId :
 C0AG3

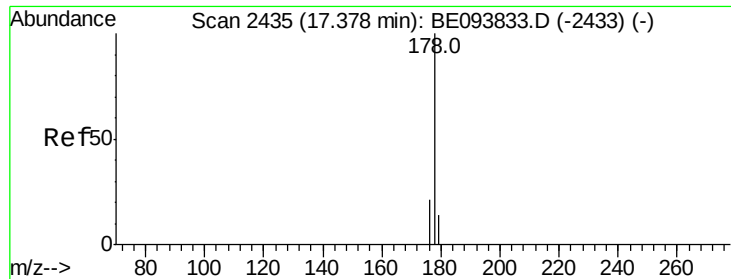
Tot Ion:166 Resp: 1955
 Ion Ratio Lower Upper
 166 100
 165 102.1 73.4 110.2
 167 28.6 14.6 22.0#



#12
Phenanthrene
 Concen: 1.411 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BE093837.D
 Acq: 16 Aug 2017 12:53

Tgt Ion:178 Resp: 59927
 Ion Ratio Lower Upper
 178 100
 179 16.6 18.4 27.6#
 176 17.6 13.6 20.4





#13

Anthracene

Concen: 0.305 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Instrument :

BNA_E

ClientSampleId :

C0AG3

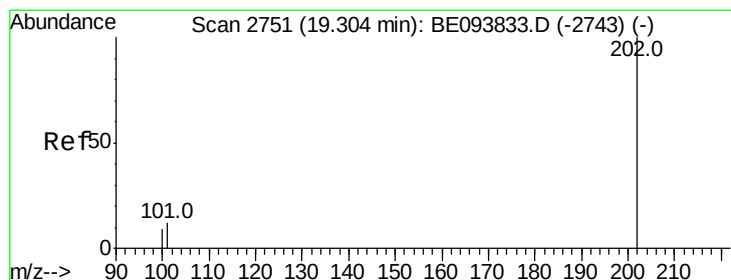
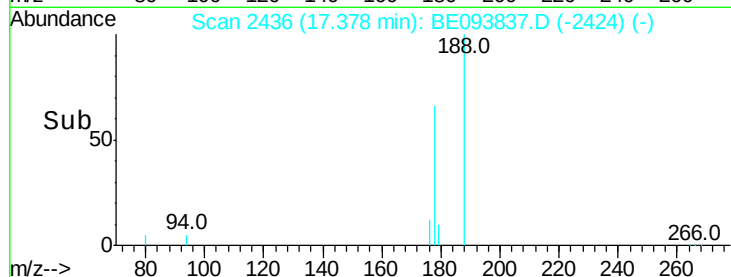
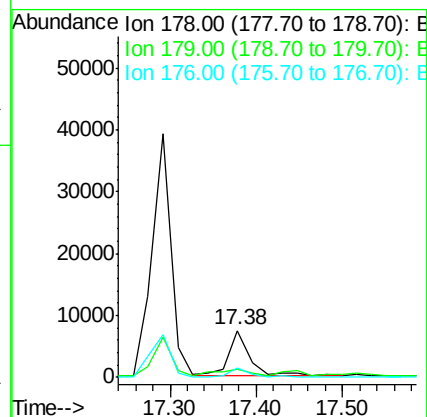
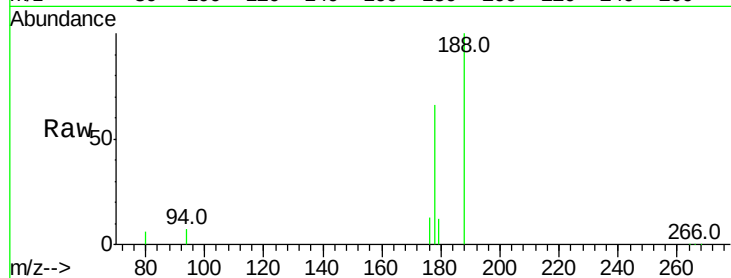
Tot Ion:178 Resp: 12640

Ion Ratio Lower Upper

178 100

179 17.4 18.1 27.1#

176 19.4 14.7 22.1



#15

Fluoranthene

Concen: 2.402 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

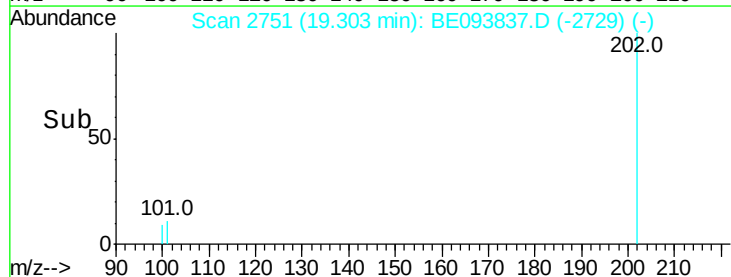
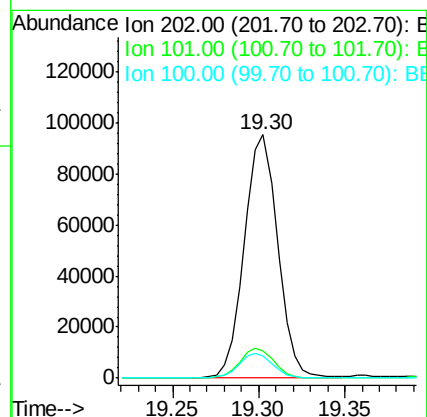
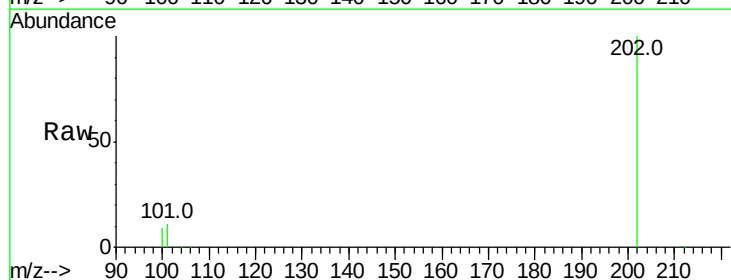
Tgt Ion:202 Resp: 127576

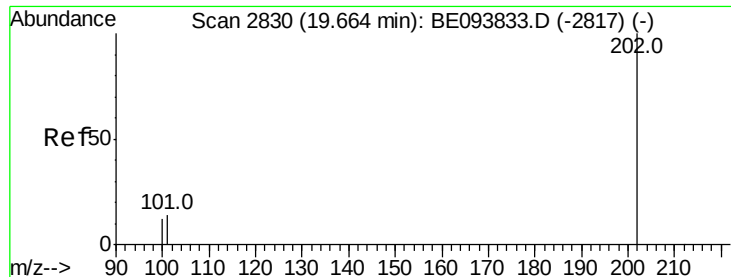
Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

100 8.9 0.0 39.5





#17

Pvrene

Concen: 2.975 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Instrument :

BNA_E

ClientSampleId :

C0AG3

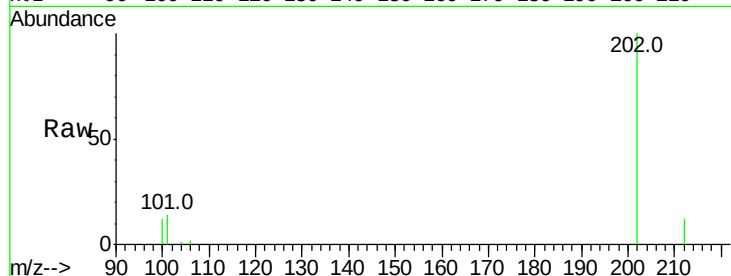
Tot Ion:202 Resp: 140659

Ion Ratio Lower Upper

202 100

101 13.8 18.2 27.4#

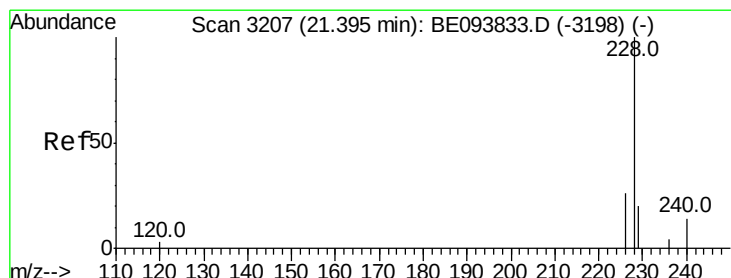
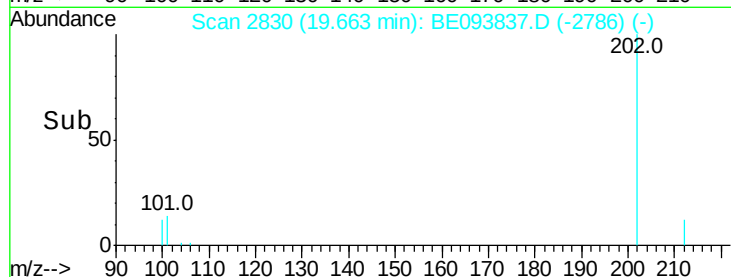
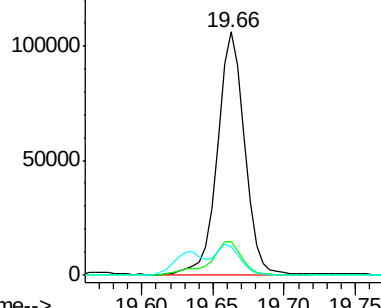
100 11.8 15.6 23.4#



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: 1.852 ng/ul

RT: 21.39 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

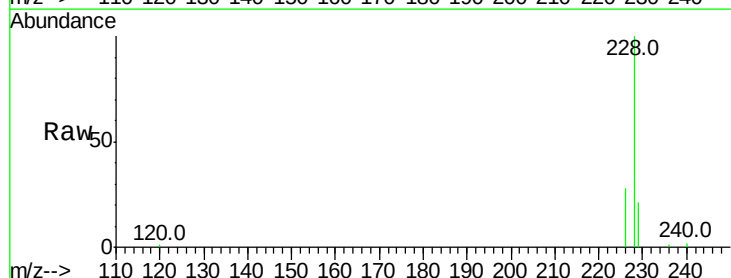
Tgt Ion:228 Resp: 86983

Ion Ratio Lower Upper

228 100

229 21.0 22.8 34.2#

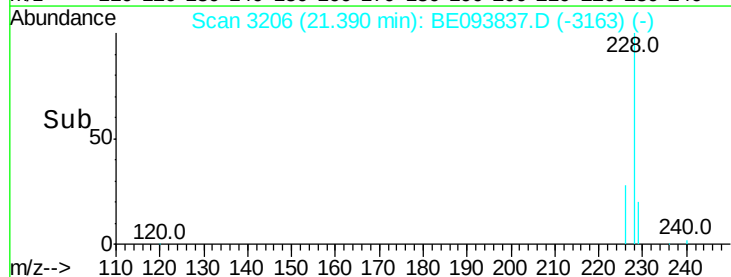
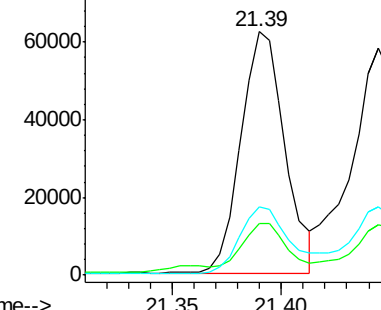
226 28.1 17.0 25.6#

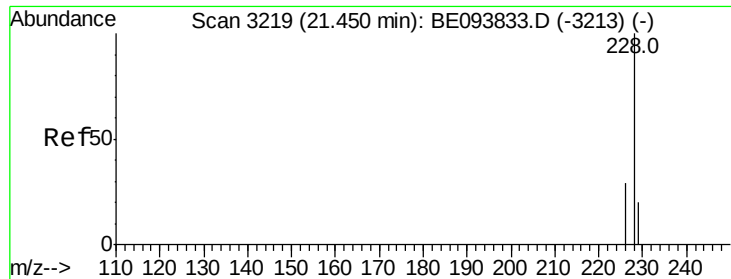


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.113 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Instrument :

BNA_E

ClientSampleId :

C0AG3

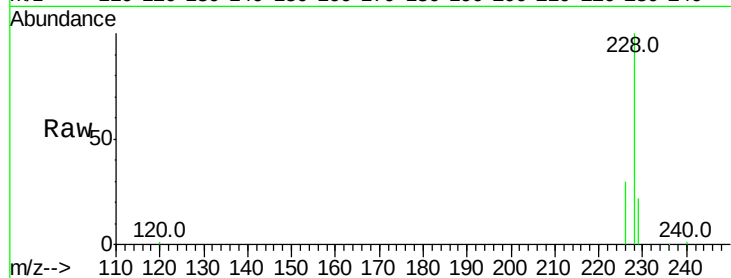
Tot Ion:228 Resp: 95166

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

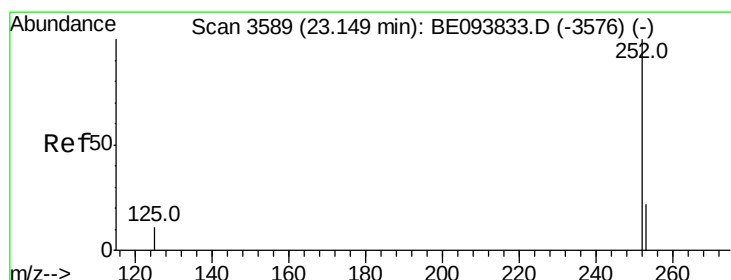
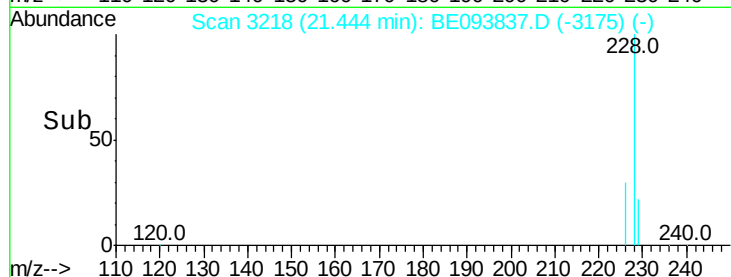
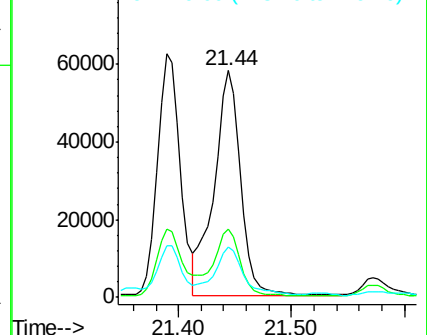
229 22.2 17.7 26.5



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: 0.054 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.01 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

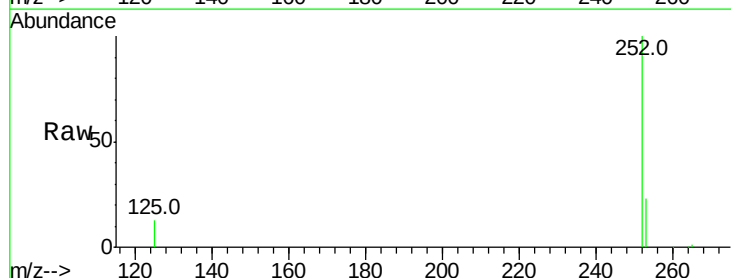
Tgt Ion:252 Resp: 121405

Ion Ratio Lower Upper

252 100

253 23.1 0.0 64.2

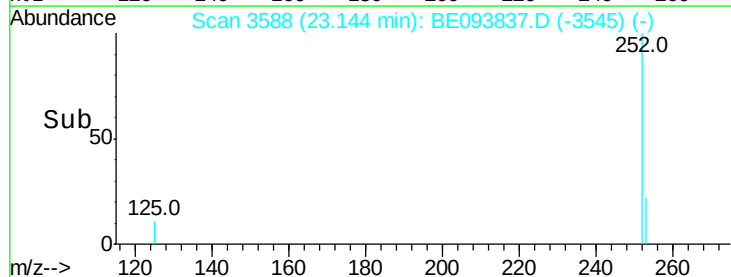
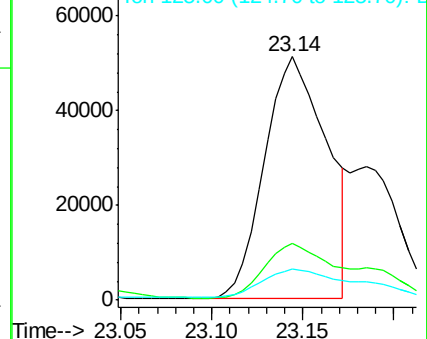
125 12.6 0.0 35.0

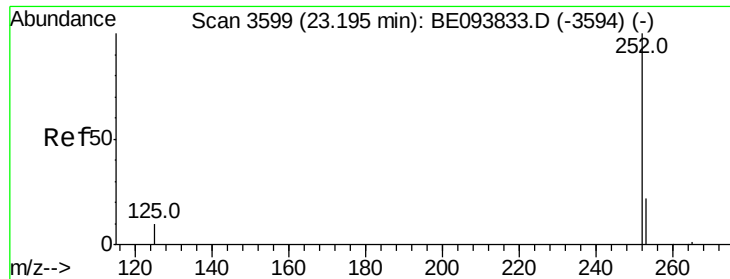


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.051 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.05 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Instrument :

BNA_E

ClientSampleId :

C0AG3

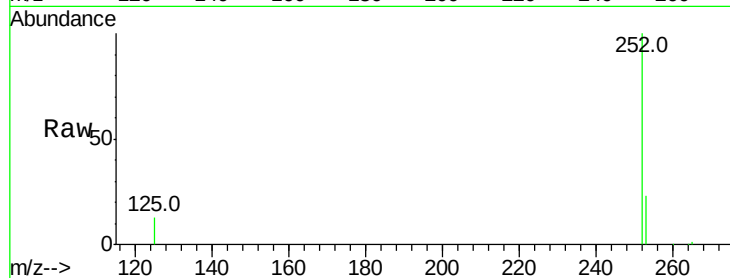
Tot Ion:252 Resp: 113857

Ion Ratio Lower Upper

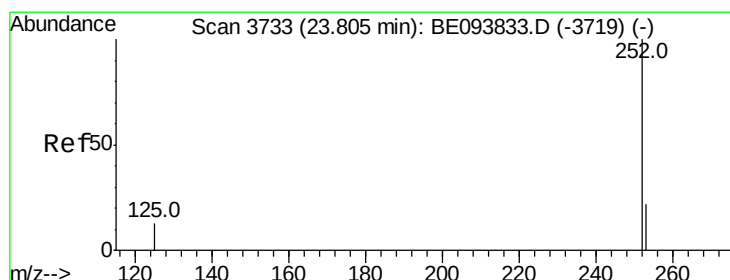
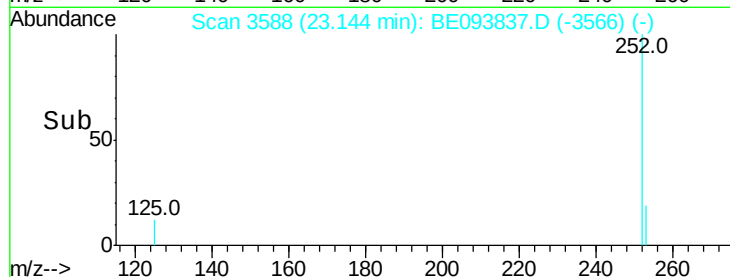
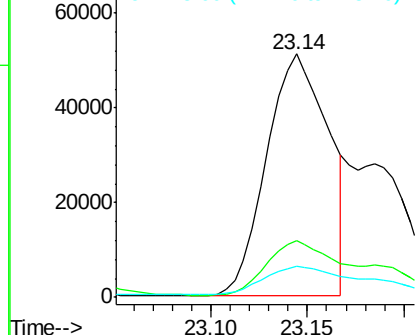
252 100

253 23.1 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: 0.030 ng/ul

RT: 23.69 min Scan# 3708

Delta R.T. -0.11 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

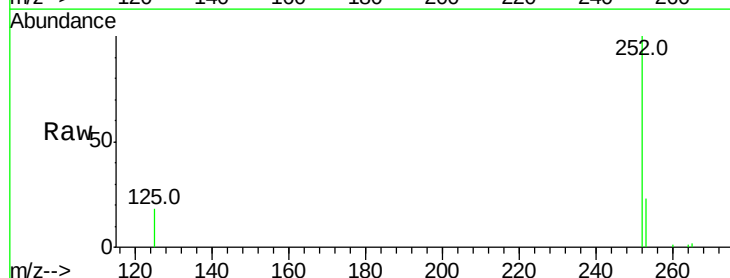
Tgt Ion:252 Resp: 64369

Ion Ratio Lower Upper

252 100

253 23.5 28.5 42.7#

125 17.6 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

