

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093840.D
 Acq On : 16 Aug 2017 14:44
 Operator : SJ/JU
 Sample : I4672-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG7

Quant Time: Aug 17 00:59:35 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

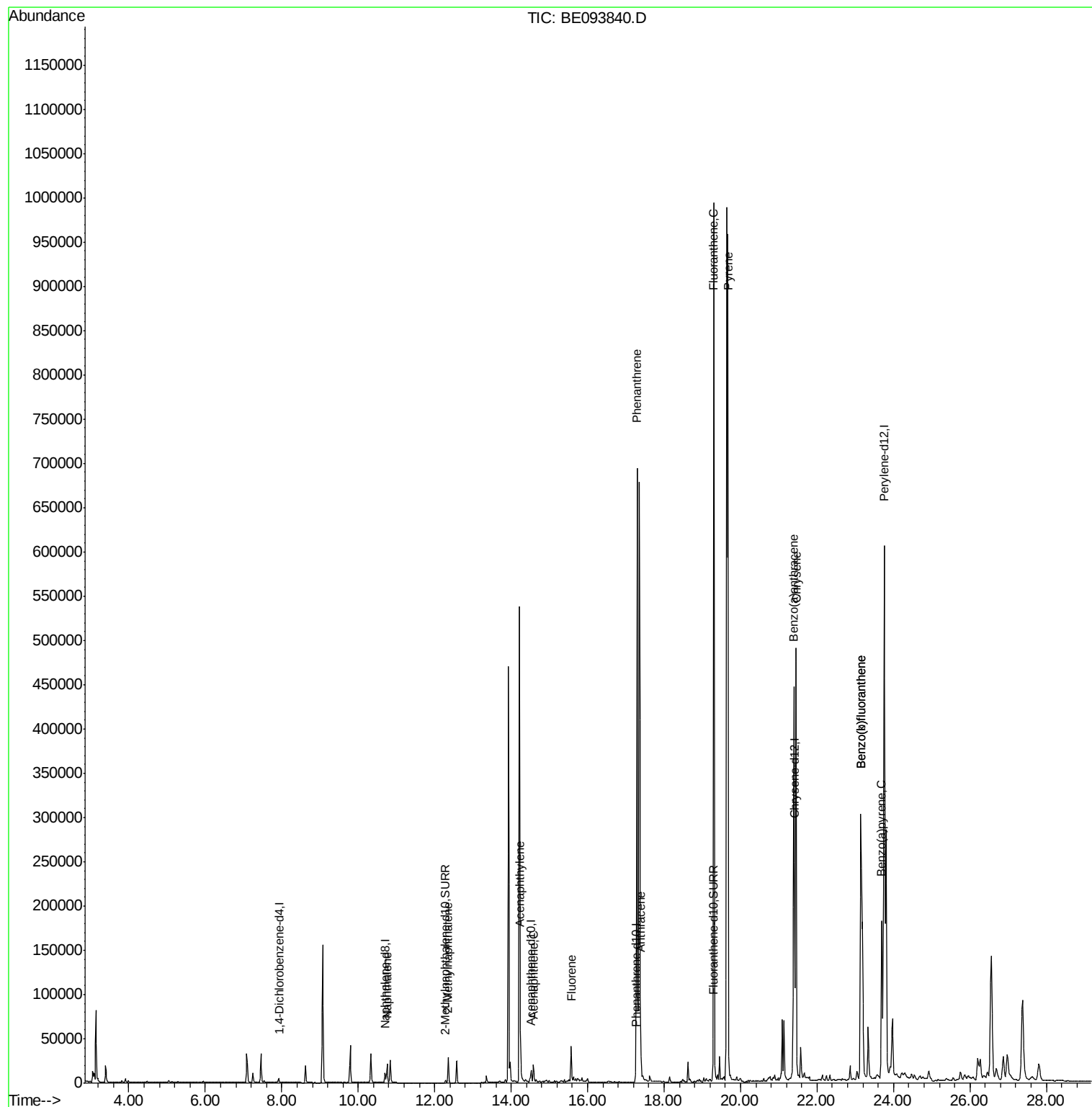
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2180	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11464	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7360	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15760	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16010	0.40	ng/ul	0.00
20) Perylene-d12	23.76	264	865026	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4640	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	12284	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	35127	1.260	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	24812	1.220	ng/ul	98
7) Acenaphthylene	14.24	152	46648	1.515	ng/ul	97
8) Acenaphthene	14.58	153	12493	0.516	ng/ul	97
9) Fluorene	15.57	166	25442	0.831	ng/ul	94
12) Phenanthrene	17.29	178	765519	17.836	ng/ul#	90
13) Anthracene	17.38	178	95694	2.289	ng/ul#	91
15) Fluoranthene	19.30	202	1160285	21.617	ng/ul	84
17) Pyrene	19.67	202	1023206	21.895	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	433288	9.335	ng/ul#	86
19) Chrysene	21.45	228	499661	11.223	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	559942	0.209	ng/ul	85
22) Benzo(k)fluoranthene	23.15	252	524974	0.199	ng/ul#	86
23) Benzo(a)pyrene	23.69	252	287301	0.113	ng/ul#	82

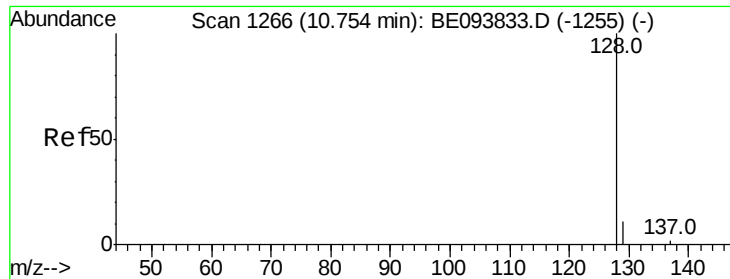
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.260 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093840.D

Acq: 16 Aug 2017 14:44

Instrument :

BNA_E

ClientSampleId :

C0AG7

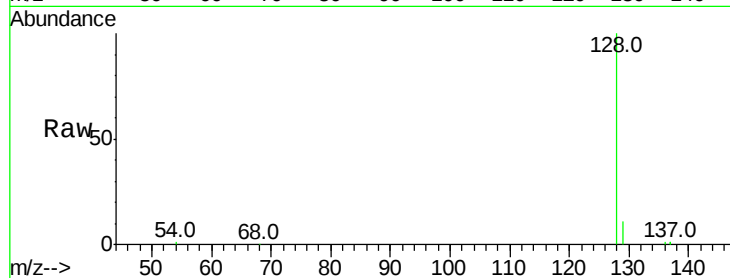
Tot Ion:128 Resp: 35127

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

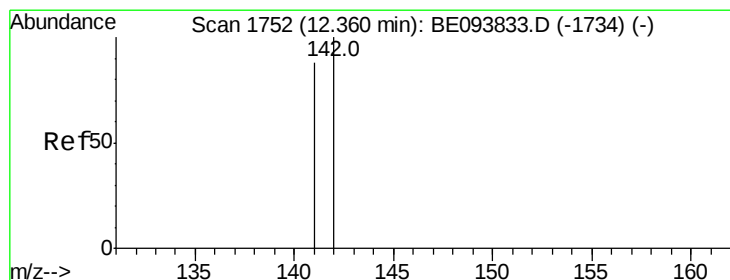
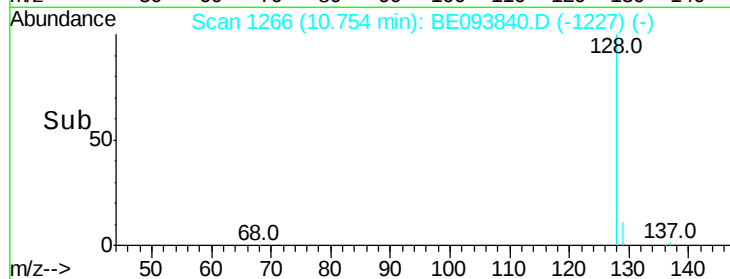
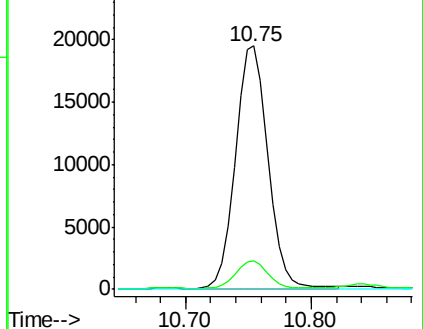
127 0.0 4.0 6.0#



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: 1.220 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093840.D

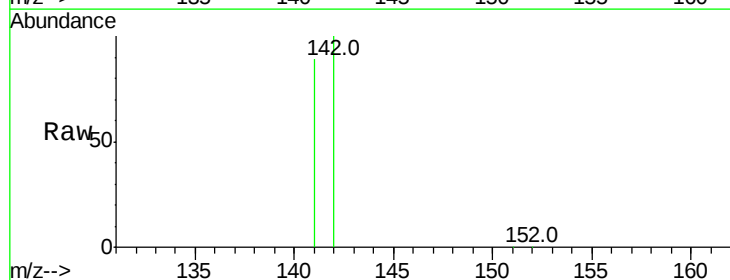
Acq: 16 Aug 2017 14:44

Tgt Ion:142 Resp: 24812

Ion Ratio Lower Upper

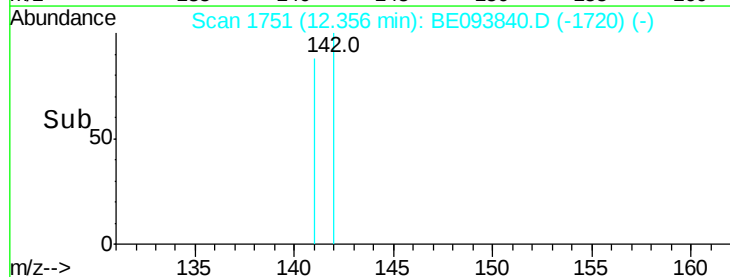
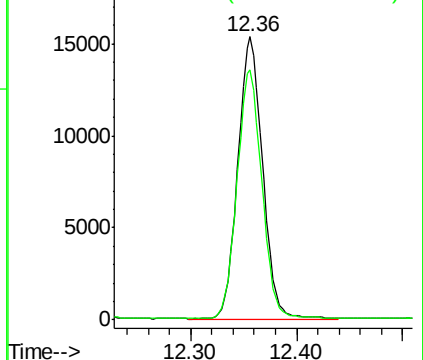
142 100

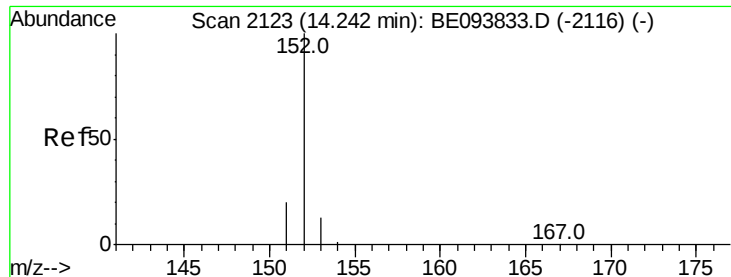
141 89.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.515 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE093840.D

Acq: 16 Aug 2017 14:44

Instrument :

BNA_E

ClientSampleId :

C0AG7

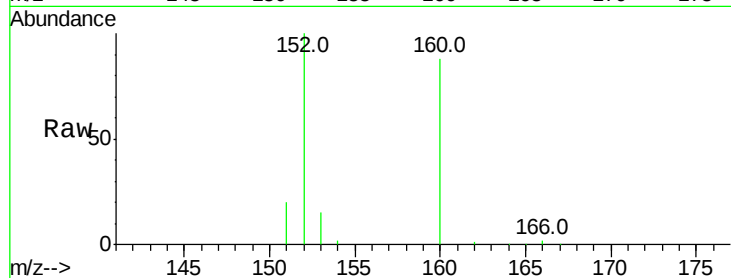
Tot Ion:152 Resp: 46648

Ion Ratio Lower Upper

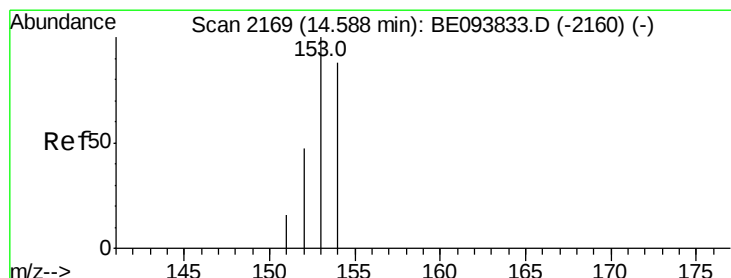
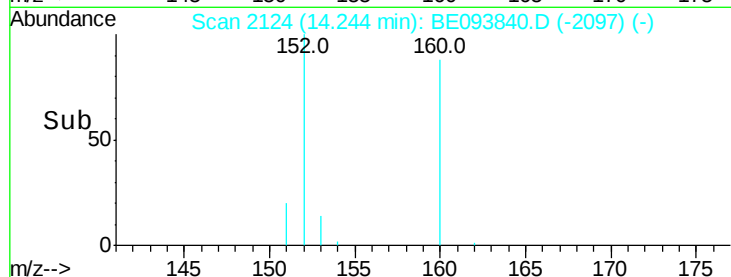
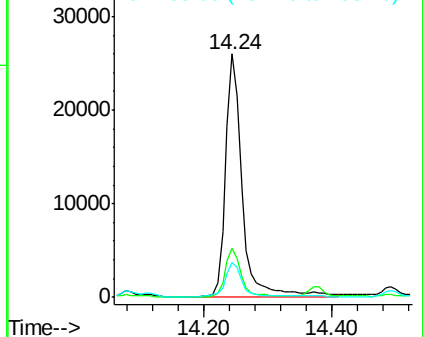
152 100

151 20.1 17.1 25.7

153 14.6 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: 0.516 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BE093840.D

Acq: 16 Aug 2017 14:44

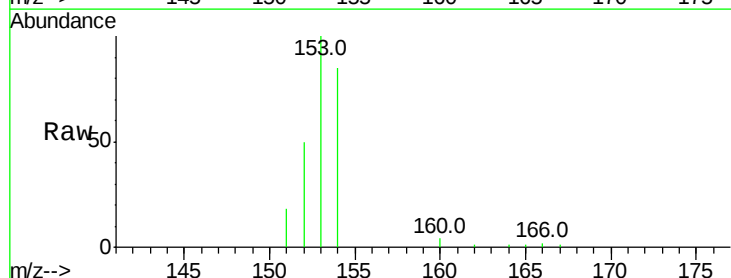
Tgt Ion:153 Resp: 12493

Ion Ratio Lower Upper

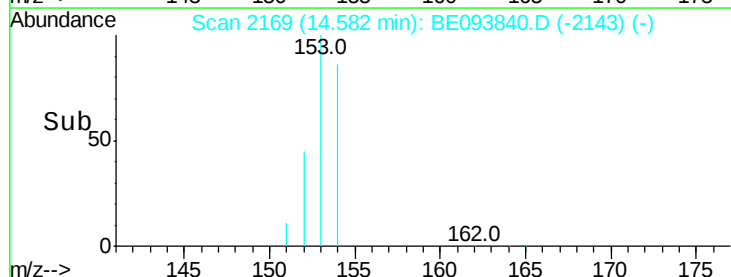
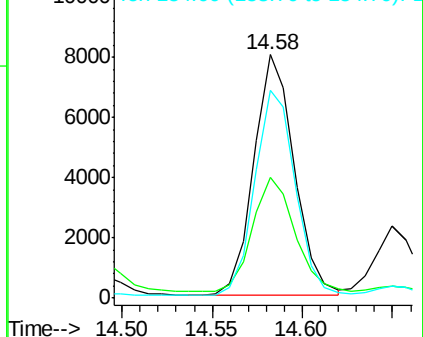
153 100

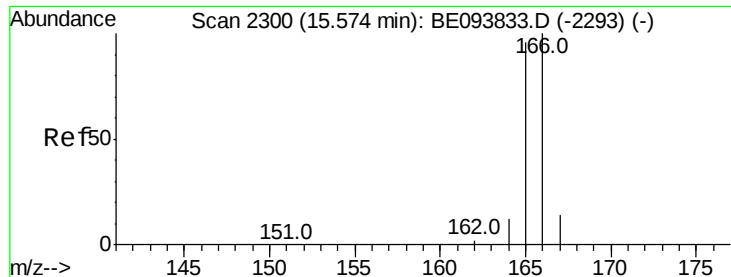
152 49.7 40.3 60.5

154 85.4 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: 0.831 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE093840.D

Acq: 16 Aug 2017 14:44

Instrument :

BNA_E

ClientSampleId :

C0AG7

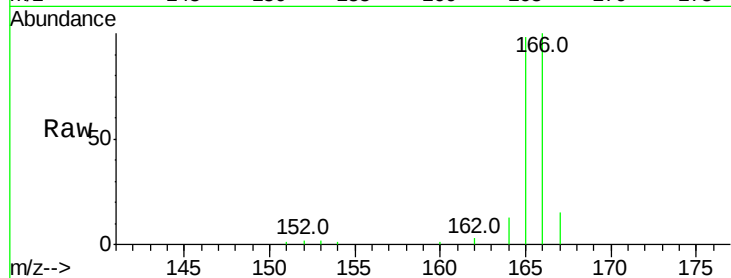
Tot Ion:166 Resp: 25442

Ion Ratio Lower Upper

166 100

165 97.5 73.4 110.2

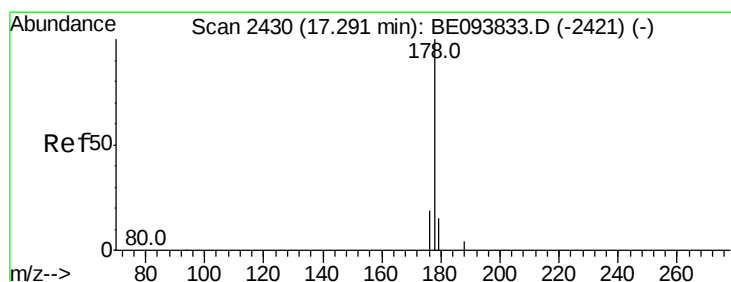
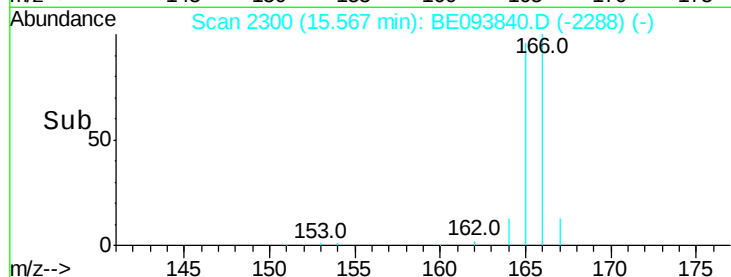
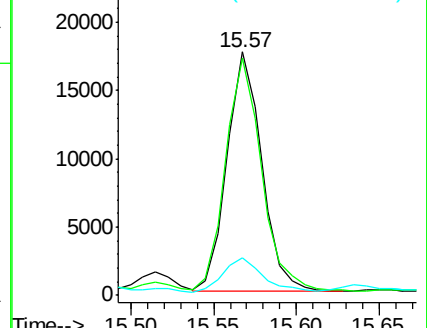
167 15.2 14.6 22.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 17.836 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE093840.D

Acq: 16 Aug 2017 14:44

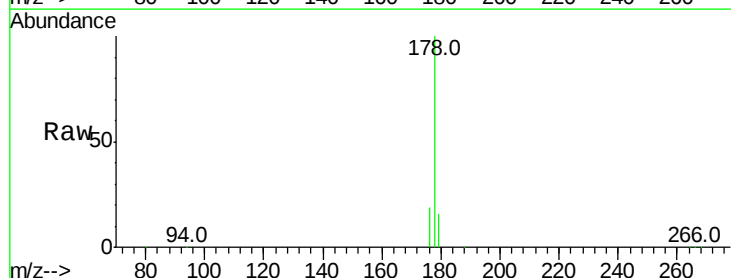
Tgt Ion:178 Resp: 765519

Ion Ratio Lower Upper

178 100

179 15.7 18.4 27.6#

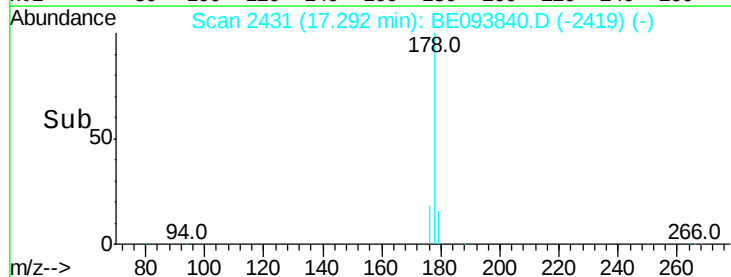
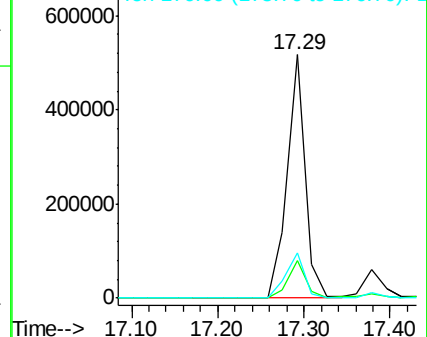
176 18.5 13.6 20.4

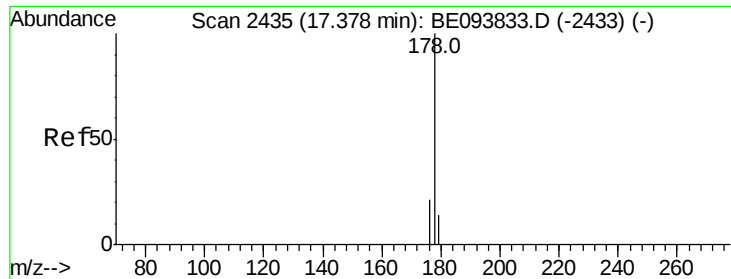


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 2.289 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE093840.D

Acq: 16 Aug 2017 14:44

Instrument :

BNA_E

ClientSampleId :

C0AG7

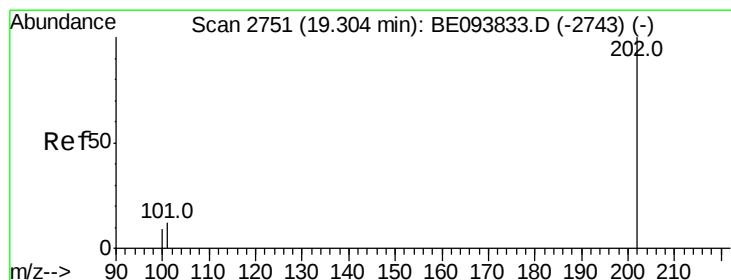
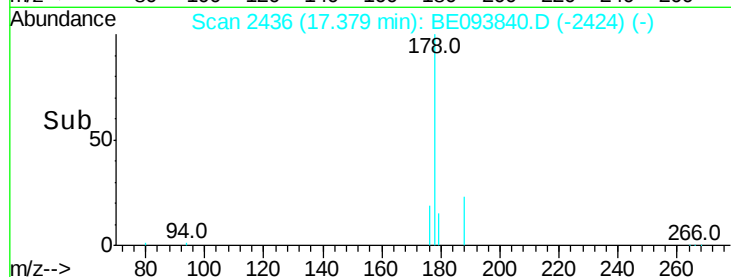
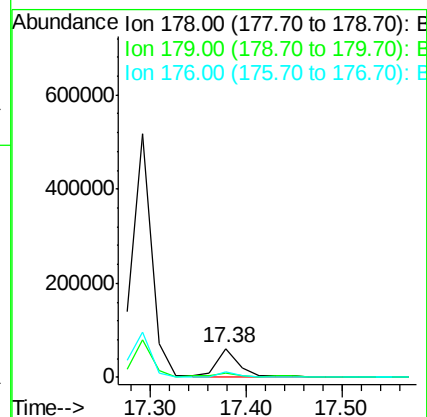
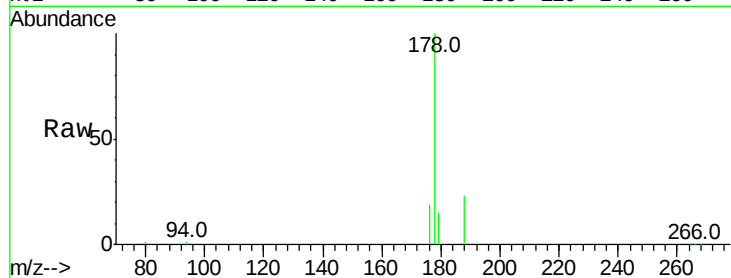
Tot Ion:178 Resp: 95694

Ion Ratio Lower Upper

178 100

179 15.2 18.1 27.1#

176 19.1 14.7 22.1



#15

Fluoranthene

Concen: 21.617 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BE093840.D

Acq: 16 Aug 2017 14:44

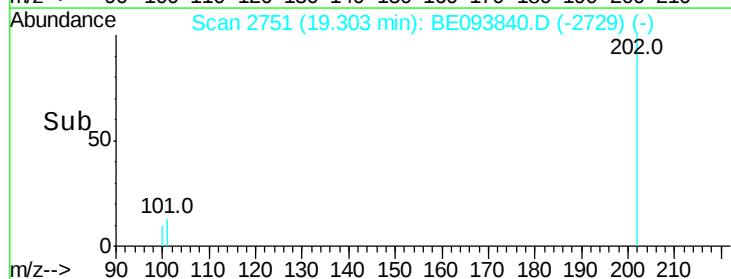
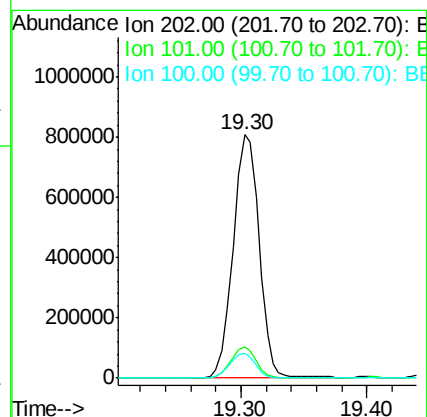
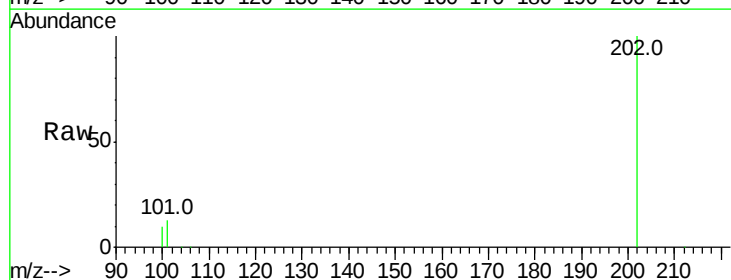
Tgt Ion:202 Resp: 1160285

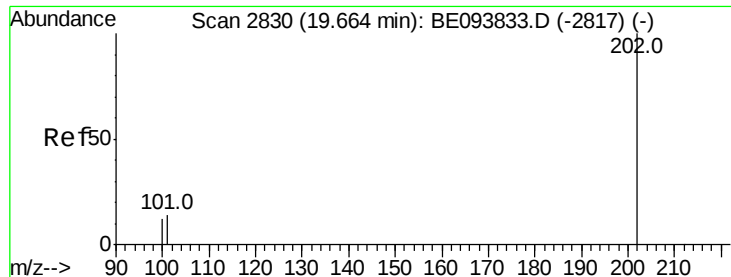
Ion Ratio Lower Upper

202 100

101 12.7 0.0 30.3

100 10.2 0.0 39.5

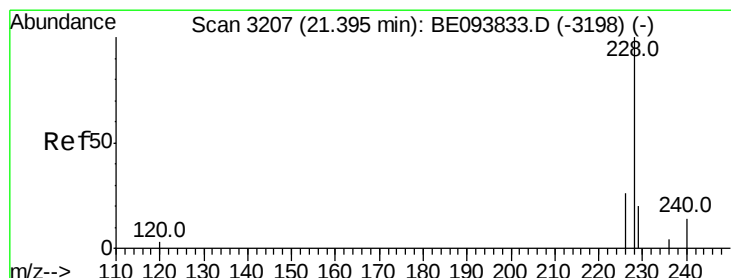
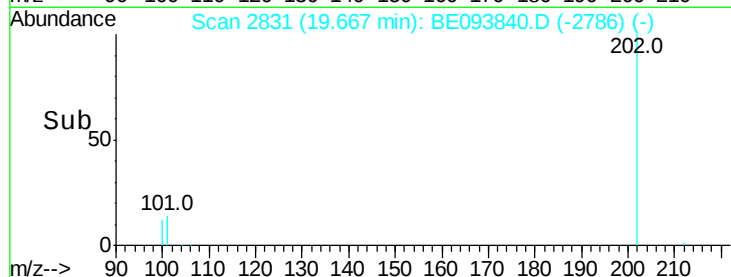
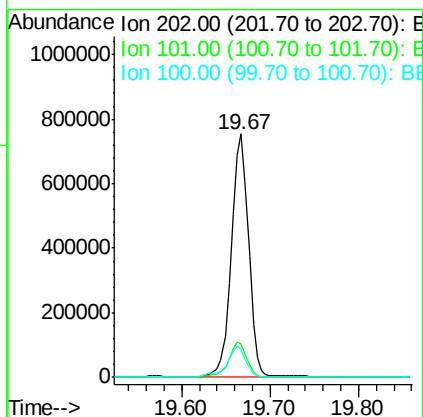
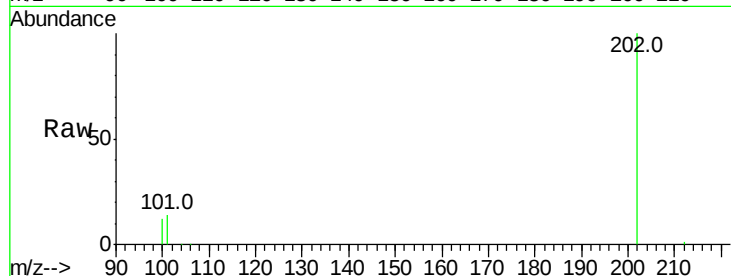




#17
Pvrene
Concen: 21.895 ng/ul
RT: 19.67 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BE093840.D
Acq: 16 Aug 2017 14:44

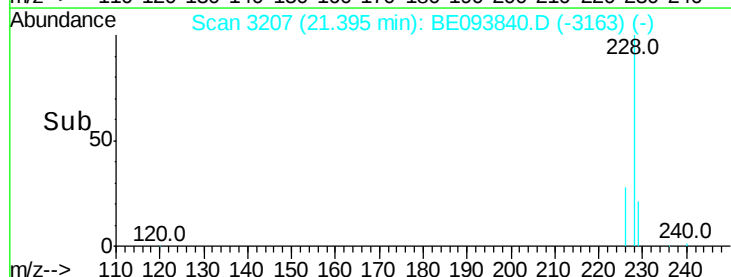
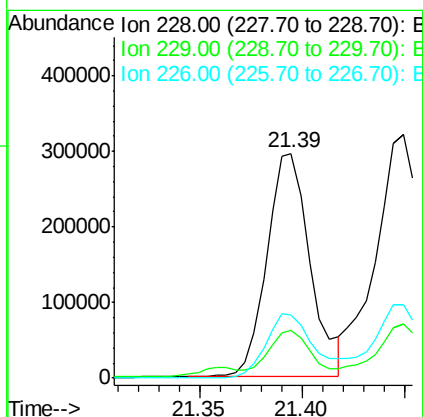
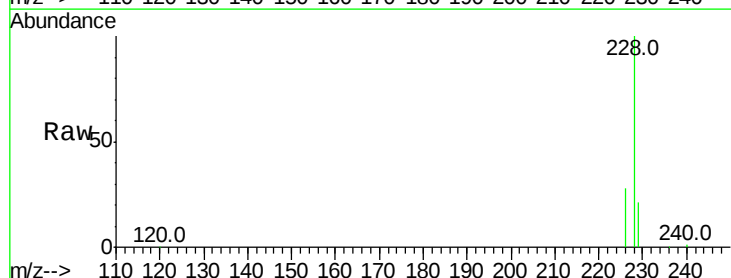
Instrument :
BNA_E
ClientSampleId :
C0AG7

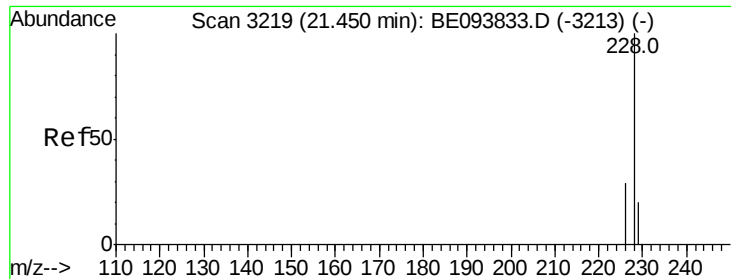
Tot Ion:202 Resp: 1023206
Ion Ratio Lower Upper
202 100
101 13.9 18.2 27.4#
100 11.6 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 9.335 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE093840.D
Acq: 16 Aug 2017 14:44

Tgt Ion:228 Resp: 433288
Ion Ratio Lower Upper
228 100
229 21.2 22.8 34.2#
226 28.0 17.0 25.6#





#19

Chrysene

Concen: 11.223 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093840.D

Acq: 16 Aug 2017 14:44

Instrument :

BNA_E

ClientSampleId :

C0AG7

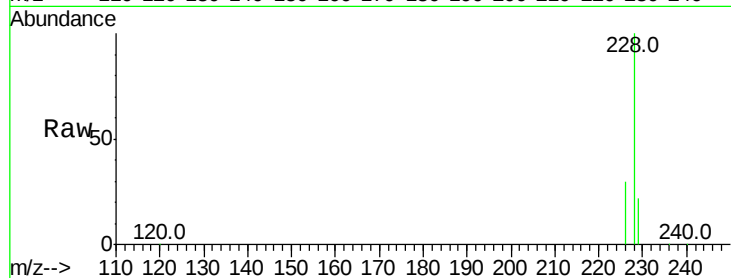
Tot Ion:228 Resp: 499661

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.0

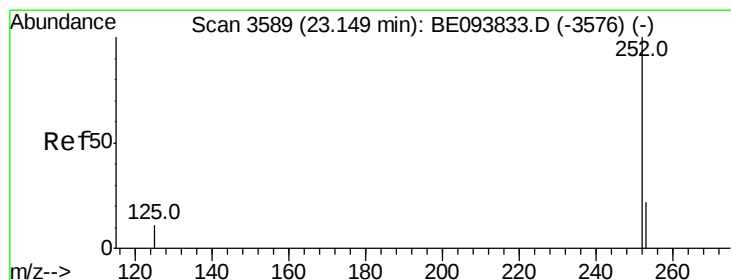
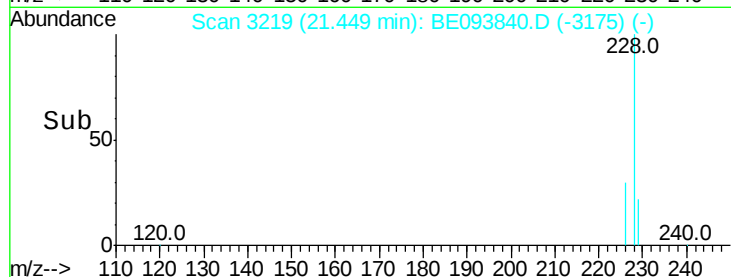
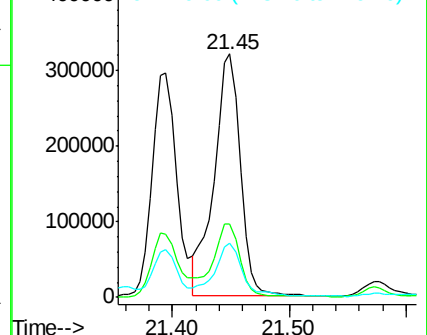
229 22.1 17.7 26.5



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: 0.209 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BE093840.D

Acq: 16 Aug 2017 14:44

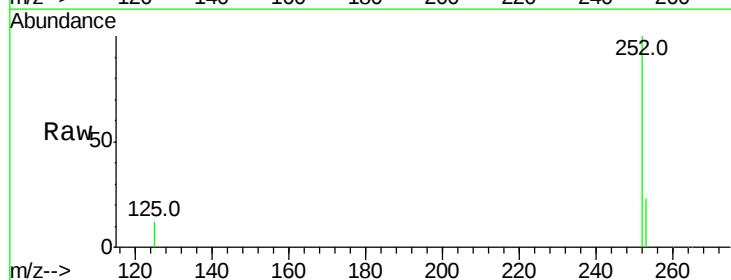
Tgt Ion:252 Resp: 559942

Ion Ratio Lower Upper

252 100

253 22.6 0.0 64.2

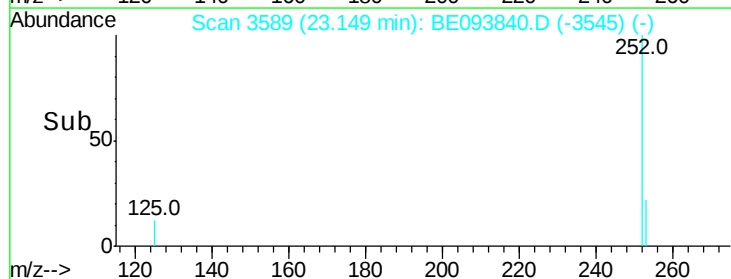
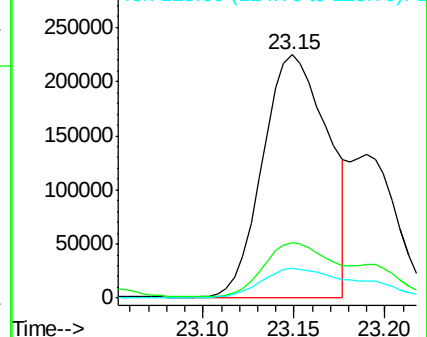
125 12.2 0.0 35.0

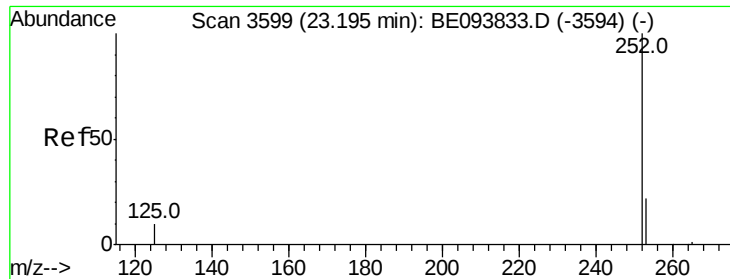


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.199 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. -0.05 min

Lab File: BE093840.D

Acq: 16 Aug 2017 14:44

Instrument :

BNA_E

ClientSampleId :

C0AG7

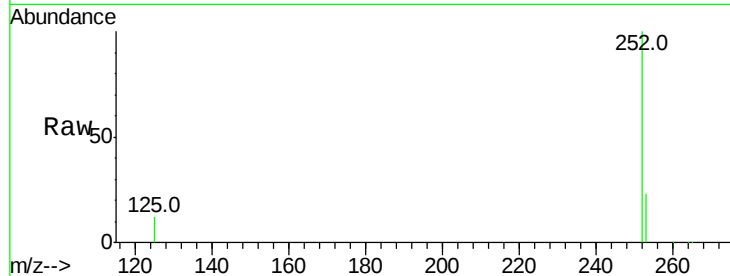
Tot Ion:252 Resp: 524974

Ion Ratio Lower Upper

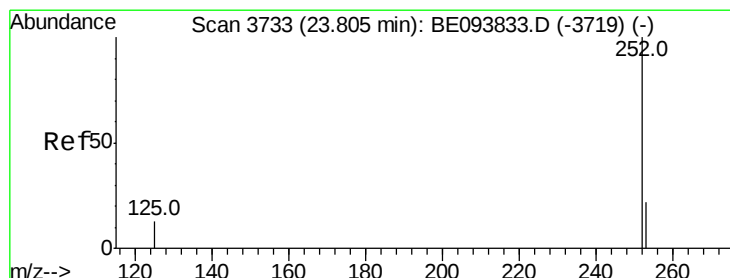
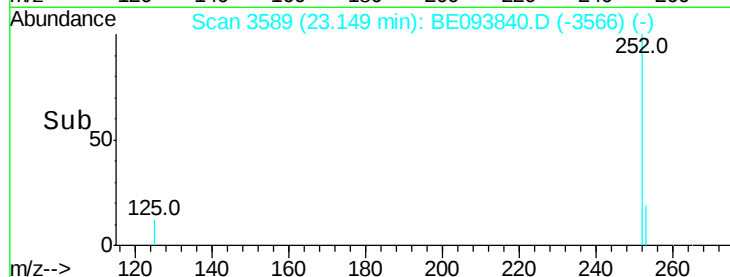
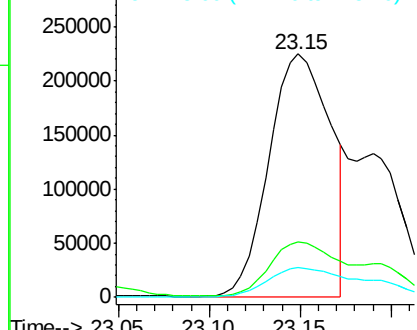
252 100

253 22.6 24.5 36.7#

125 12.2 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: 0.113 ng/ul

RT: 23.69 min Scan# 3708

Delta R.T. -0.11 min

Lab File: BE093840.D

Acq: 16 Aug 2017 14:44

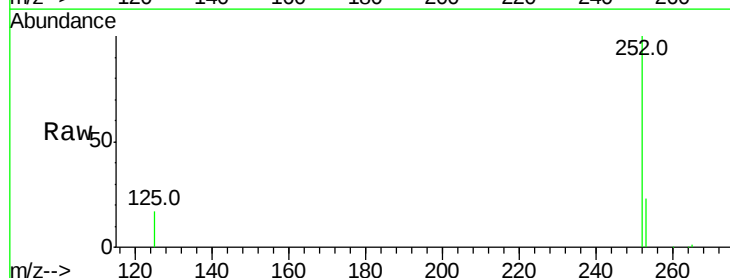
Tgt Ion:252 Resp: 287301

Ion Ratio Lower Upper

252 100

253 22.6 28.5 42.7#

125 16.8 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

