

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081517\
 Data File : BE093829.D
 Acq On : 16 Aug 2017 4:29
 Operator : SJ/JU
 Sample : I4529-20DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1DL

Quant Time: Aug 16 07:39:04 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 07:30:49 2017
 Response via : Initial Calibration

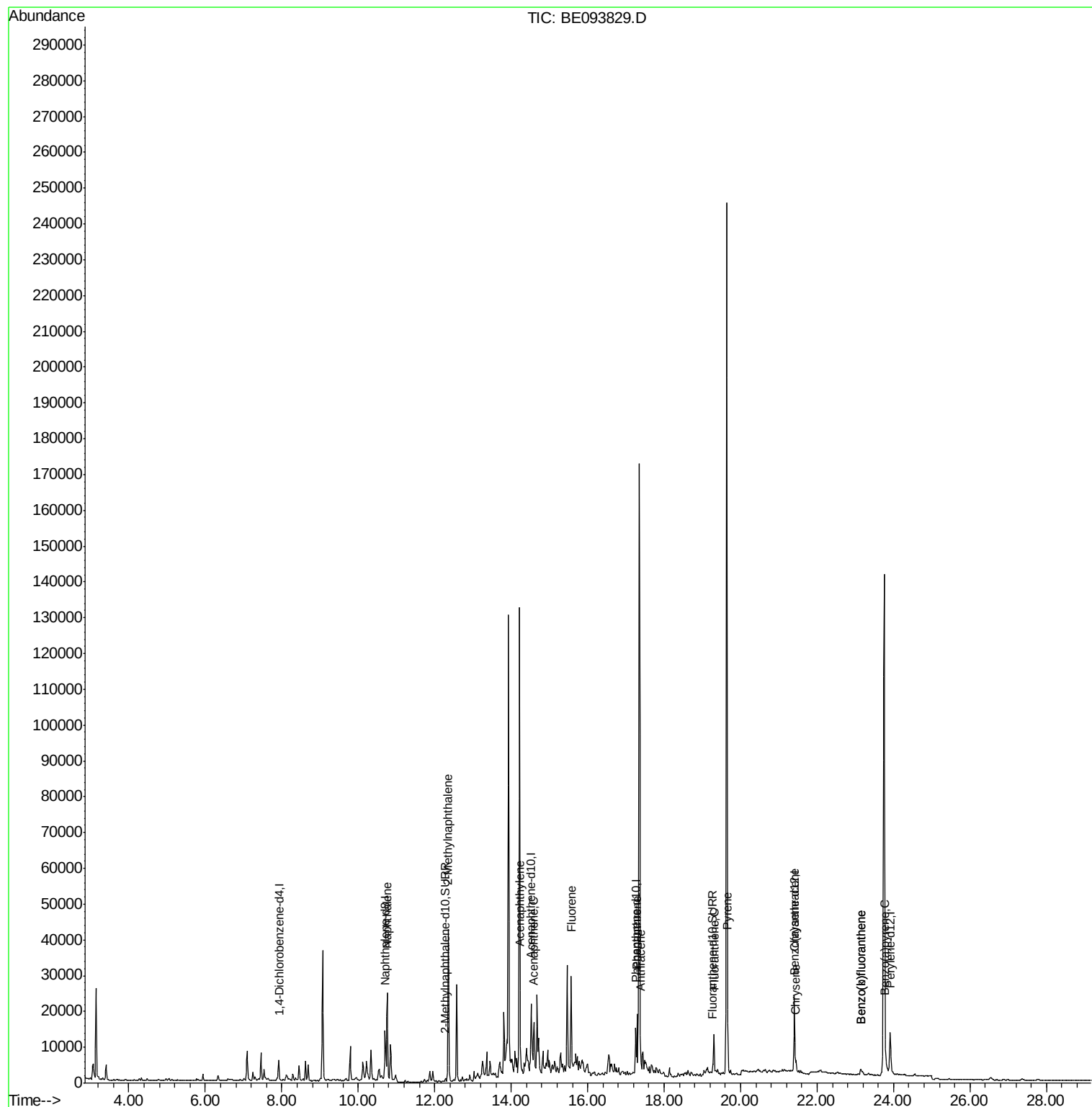
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2802	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	15177	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	9389	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19033	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	20766	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19759	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1215	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2943	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	35847	0.971	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	36449	1.353	ng/ul	99
7) Acenaphthylene	14.24	152	3331	0.085	ng/ul#	72
8) Acenaphthene	14.58	153	3751	0.121	ng/ul#	87
9) Fluorene	15.57	166	15998	0.410	ng/ul	92
12) Phenanthrene	17.29	178	18729	0.361	ng/ul#	93
13) Anthracene	17.38	178	6352	0.126	ng/ul#	71
15) Fluoranthene	19.30	202	11450	0.177	ng/ul	83
17) Pyrene	19.66	202	13217	0.218	ng/ul#	86
18) Benzo(a)anthracene	21.39	228	4203	0.070	ng/ul#	68
19) Chrysene	21.45	228	3916	0.068	ng/ul#	62
21) Benzo(b)fluoranthene	23.14	252	3931	0.064	ng/ul#	55
22) Benzo(k)fluoranthene	23.14	252	3931	0.065	ng/ul#	52
23) Benzo(a)pyrene	23.80	252	2432	0.042	ng/ul#	52

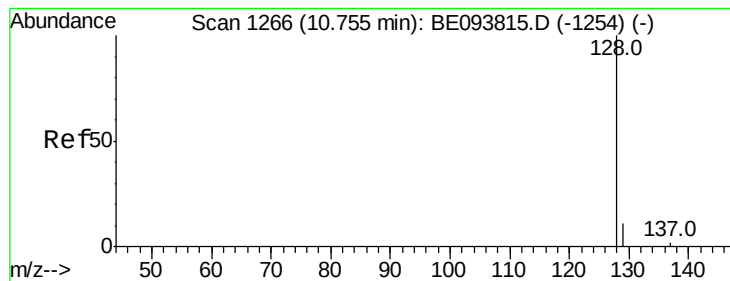
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 16 07:30:49 2017
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#3

Naphthalene

Concen: 0.971 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Instrument :

BNA_E

ClientSampleId :

C0AC1DL

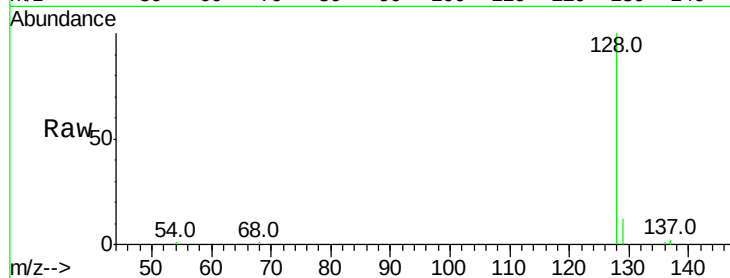
Tot Ion:128 Resp: 35847

Ion Ratio Lower Upper

128 100

129 12.1 11.3 16.9

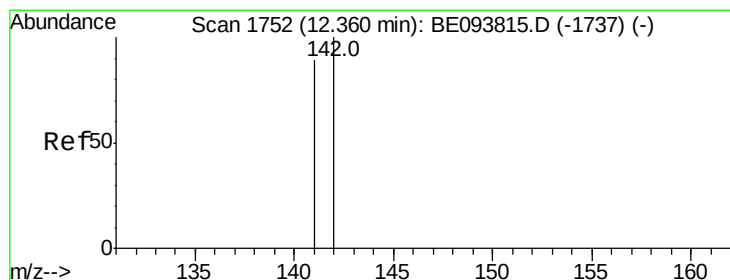
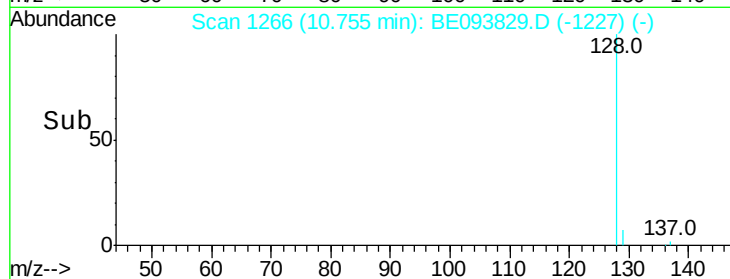
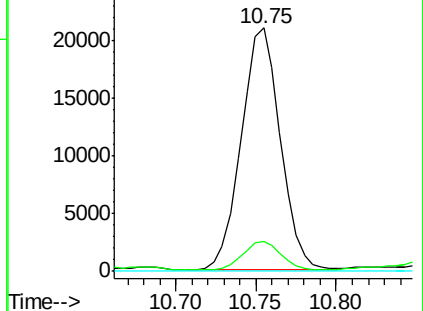
127 0.0 4.0 6.0#



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: 1.353 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093829.D

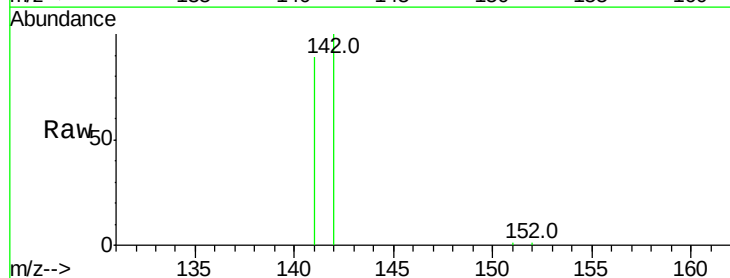
Acq: 16 Aug 2017 4:29

Tgt Ion:142 Resp: 36449

Ion Ratio Lower Upper

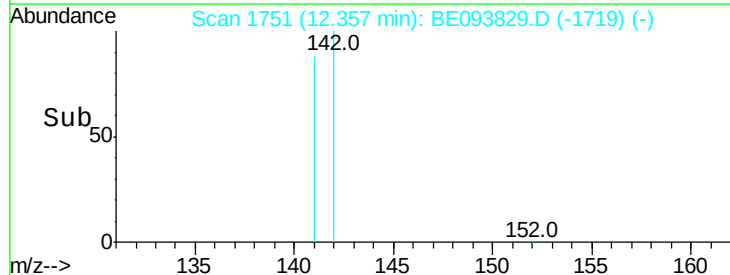
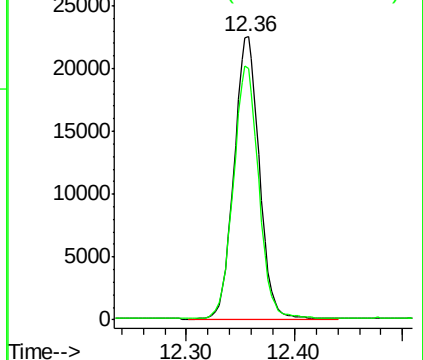
142 100

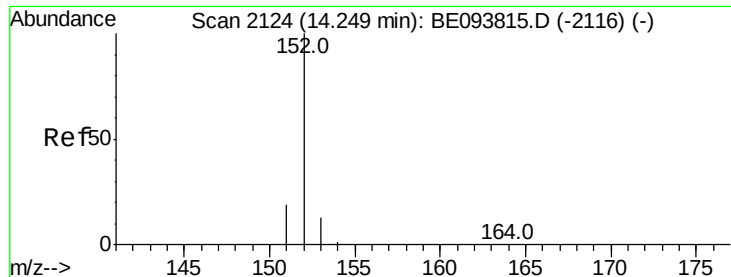
141 90.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.085 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Instrument :

BNA_E

ClientSampleId :

C0AC1DL

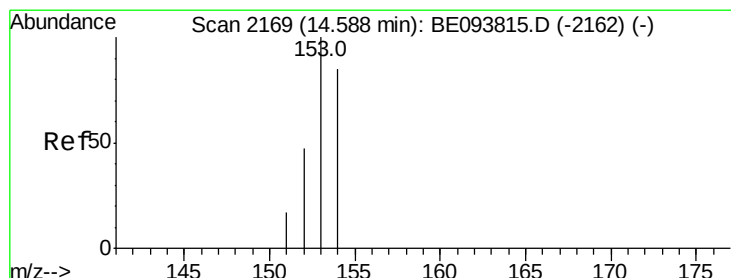
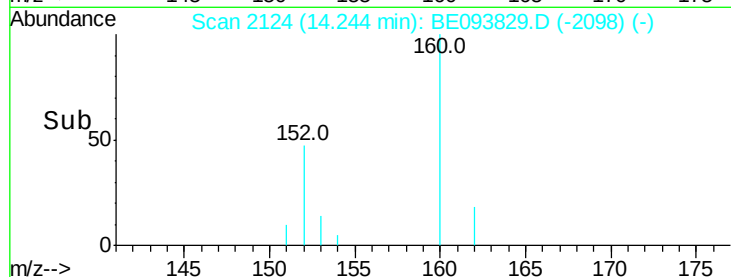
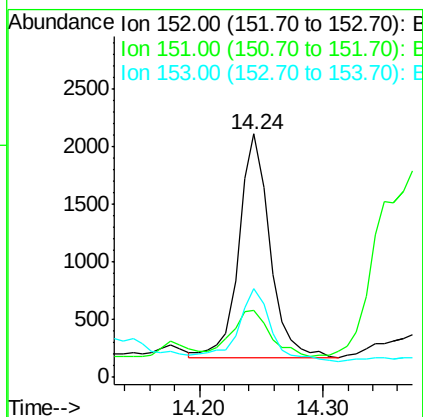
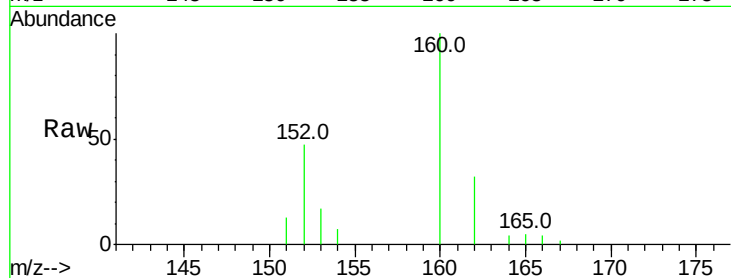
Tot Ion:152 Resp: 3331

Ion Ratio Lower Upper

152 100

151 27.6 17.1 25.7#

153 36.3 12.8 19.2#



#8

Acenaphthene

Concen: 0.121 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

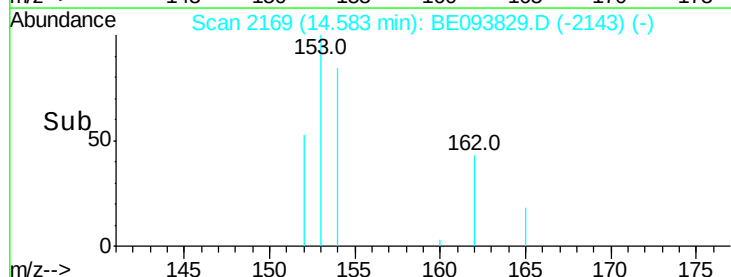
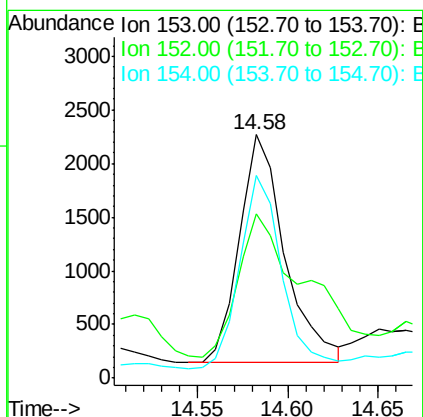
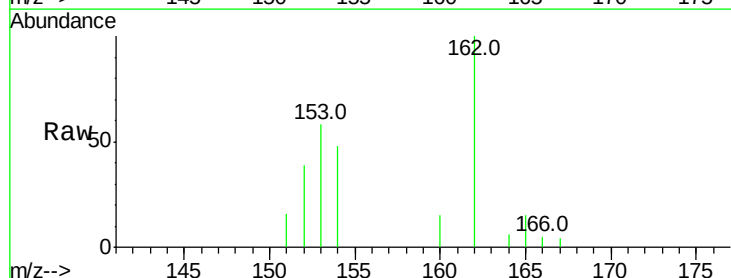
Tgt Ion:153 Resp: 3751

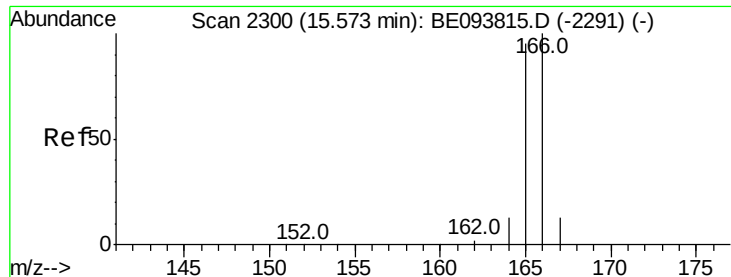
Ion Ratio Lower Upper

153 100

152 67.4 40.3 60.5#

154 83.1 71.4 107.2





#9

Fluorene

Concen: 0.410 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Instrument :

BNA_E

ClientSampleId :

C0AC1DL

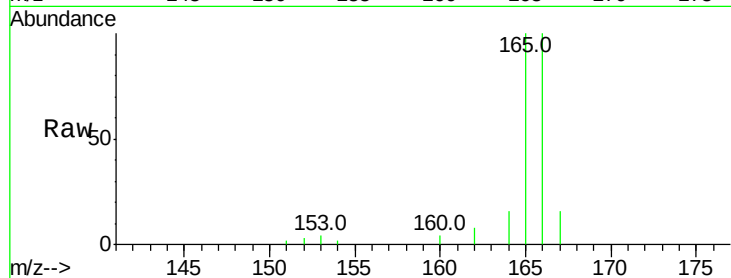
Tot Ion:166 Resp: 15998

Ion Ratio Lower Upper

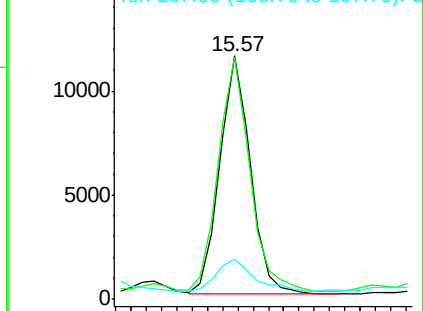
166 100

165 99.7 73.4 110.2

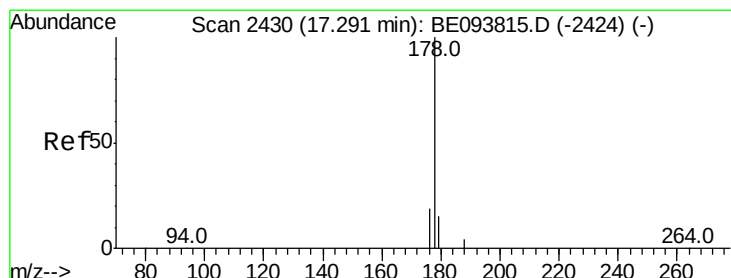
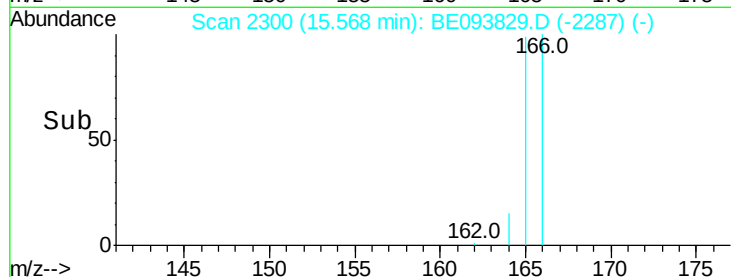
167 16.5 14.6 22.0



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



Time-->



#12

Phenanthrene

Concen: 0.361 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

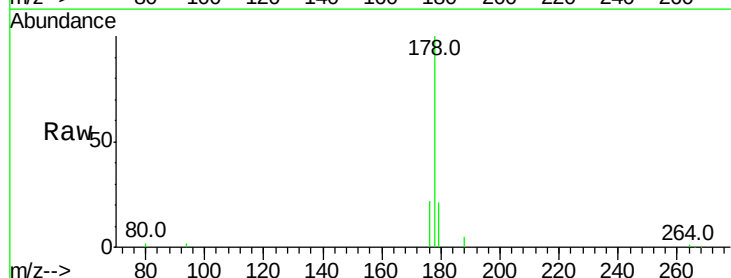
Tgt Ion:178 Resp: 18729

Ion Ratio Lower Upper

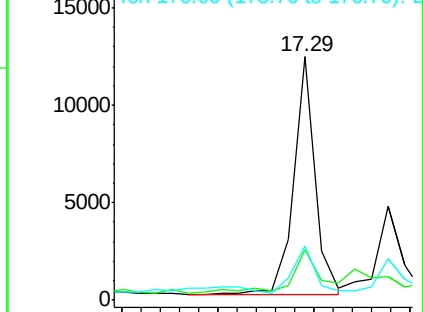
178 100

179 20.9 18.4 27.6

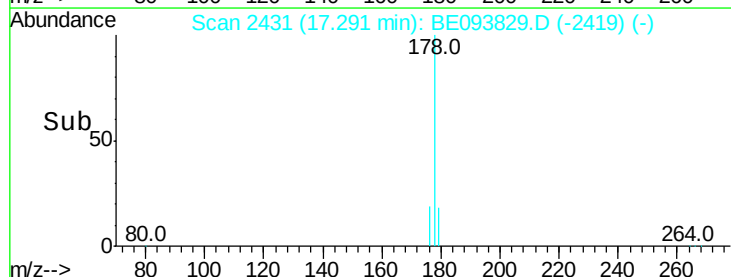
176 22.1 13.6 20.4#

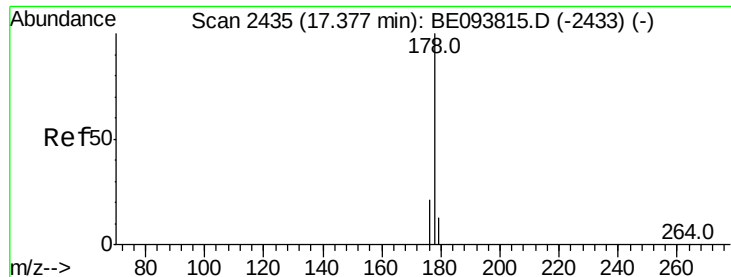


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.126 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Instrument :

BNA_E

ClientSampleId :

C0AC1DL

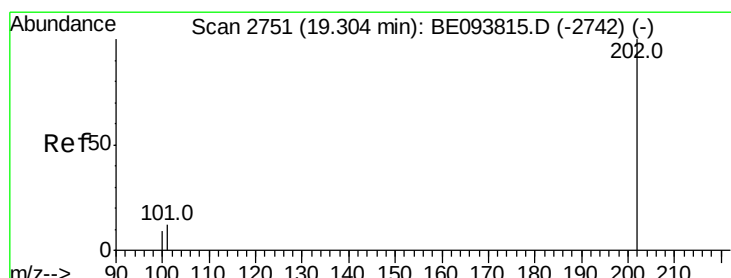
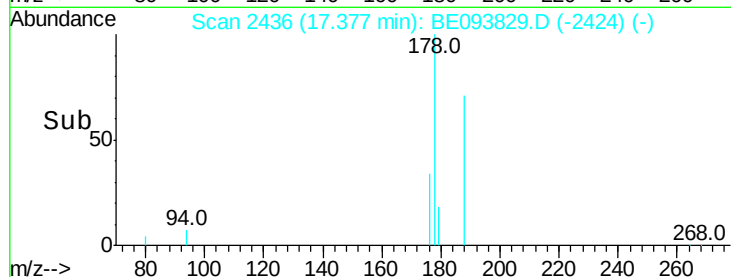
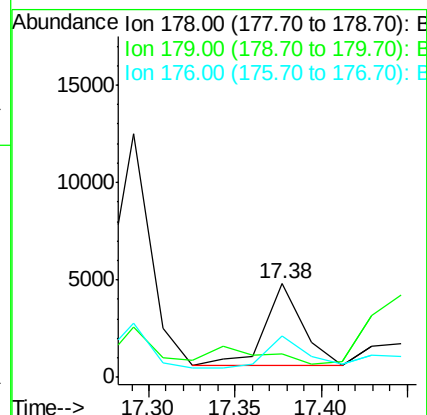
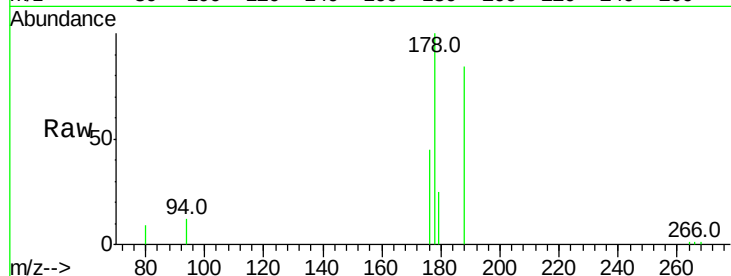
Tot Ion:178 Resp: 6352

Ion Ratio Lower Upper

178 100

179 24.9 18.1 27.1

176 44.8 14.7 22.1#



#15

Fluoranthene

Concen: 0.177 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

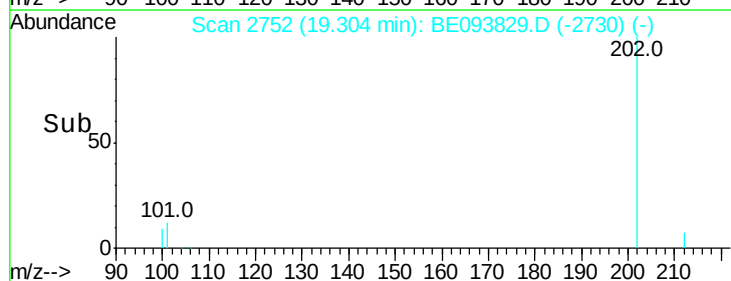
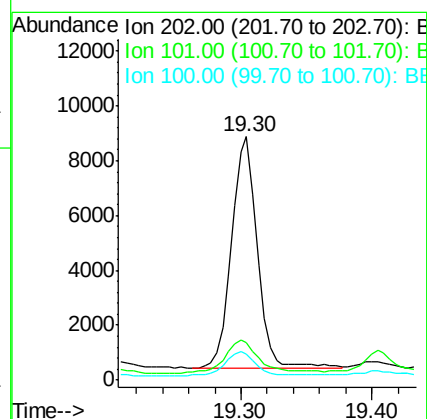
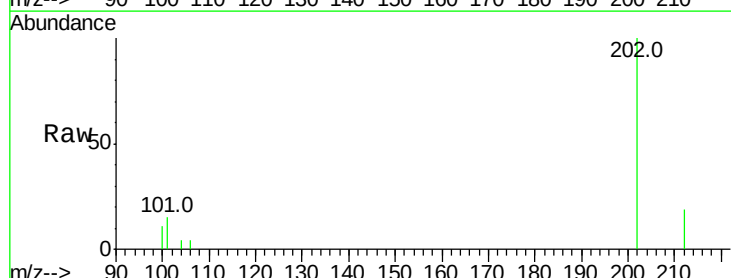
Tgt Ion:202 Resp: 11450

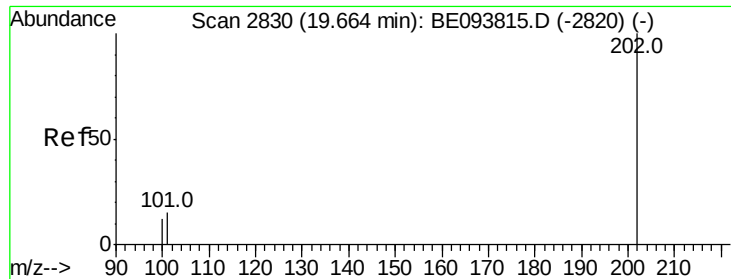
Ion Ratio Lower Upper

202 100

101 15.2 0.0 30.3

100 10.7 0.0 39.5





#17

Pvrene

Concen: 0.218 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Instrument :

BNA_E

ClientSampleId :

C0AC1DL

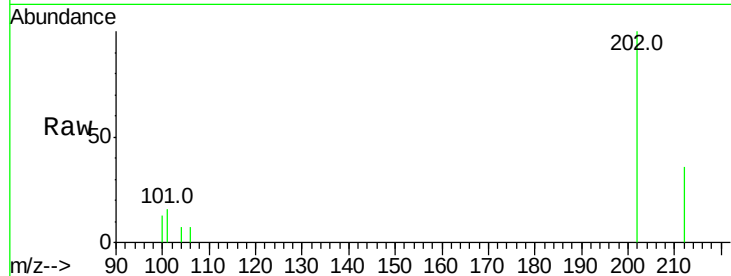
Tot Ion:202 Resp: 13217

Ion Ratio Lower Upper

202 100

101 16.2 18.2 27.4#

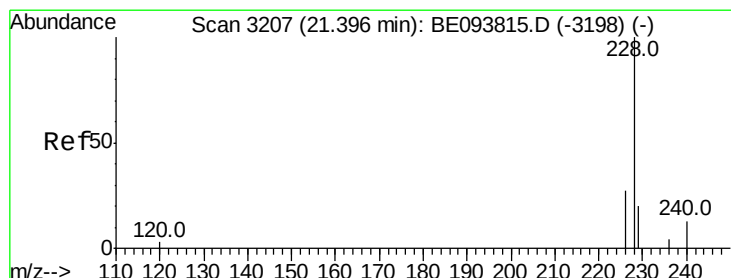
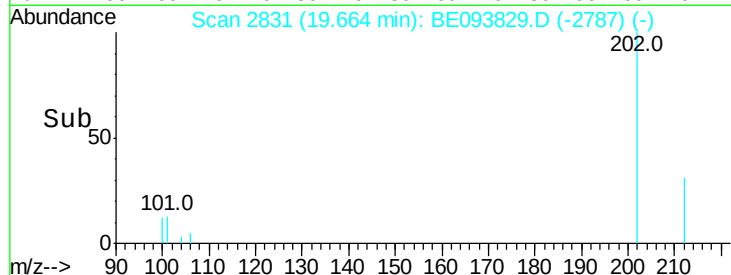
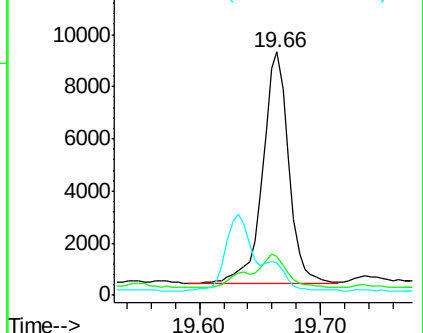
100 13.2 15.6 23.4#



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): BE



#18

Benzo(a)anthracene

Concen: 0.070 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

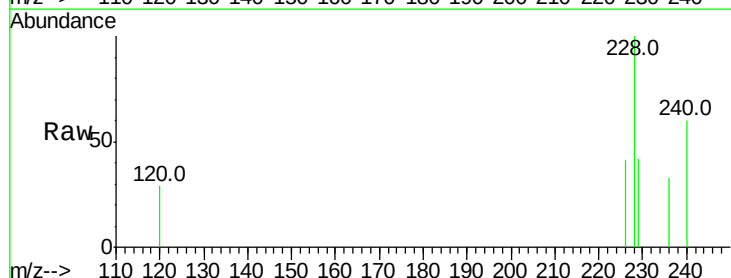
Tgt Ion:228 Resp: 4203

Ion Ratio Lower Upper

228 100

229 41.6 22.8 34.2#

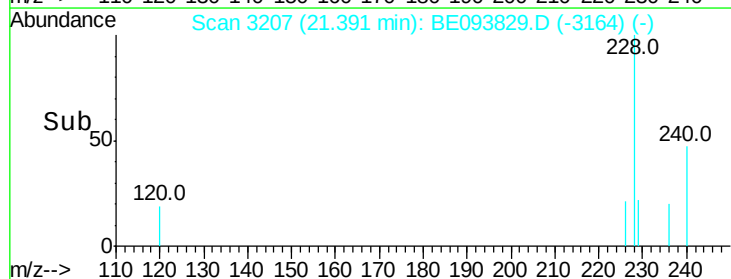
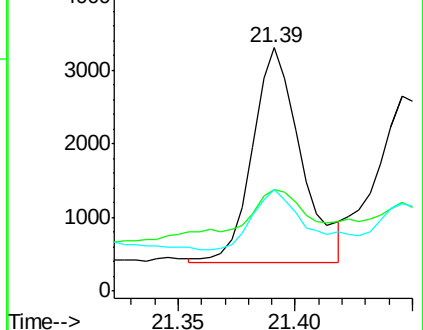
226 41.4 17.0 25.6#

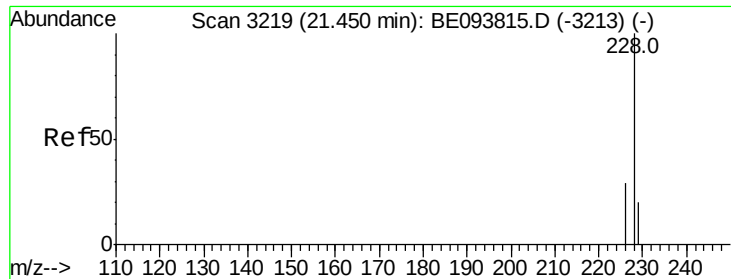


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.068 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Instrument :

BNA_E

ClientSampleId :

C0AC1DL

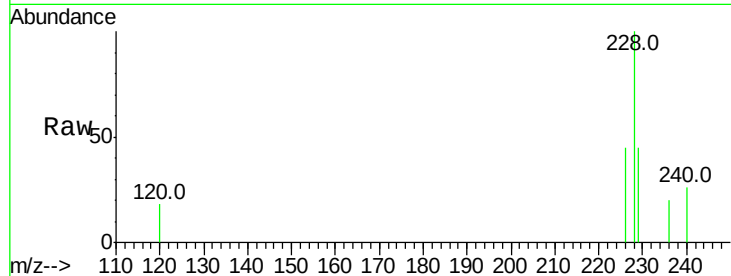
Tot Ion:228 Resp: 3916

Ion Ratio Lower Upper

228 100

226 44.8 23.4 35.0#

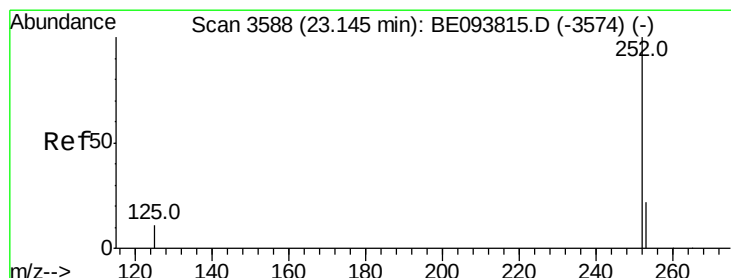
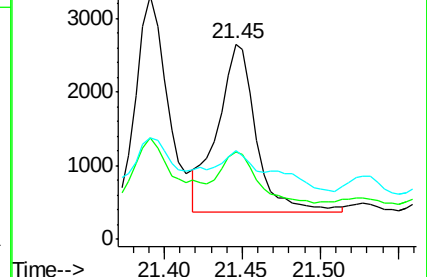
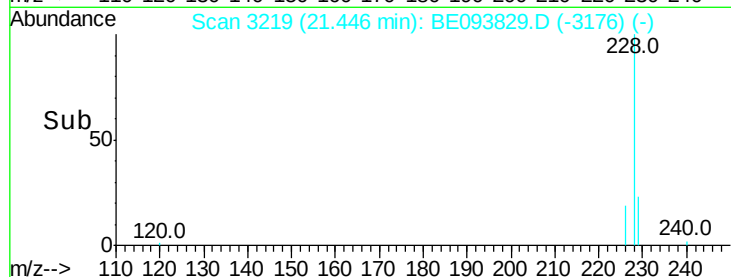
229 45.4 17.7 26.5#



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: 0.064 ng/ul

RT: 23.14 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

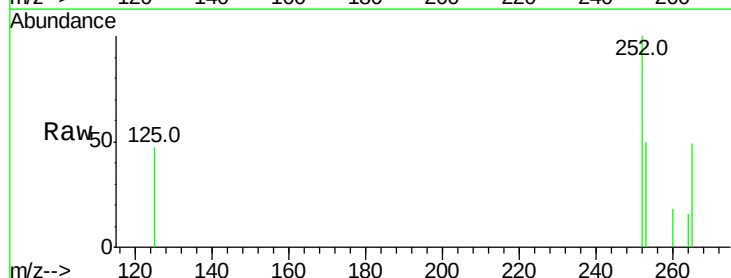
Tgt Ion:252 Resp: 3931

Ion Ratio Lower Upper

252 100

253 50.1 0.0 64.2

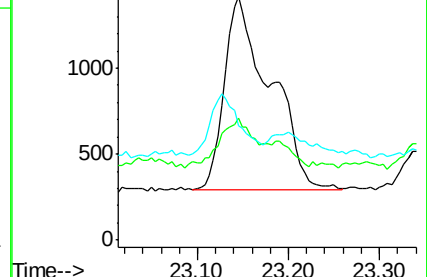
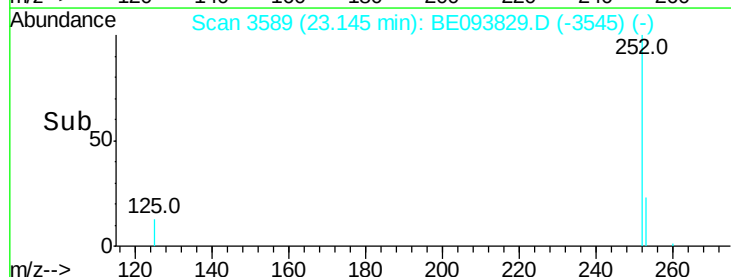
125 47.1 0.0 35.0#

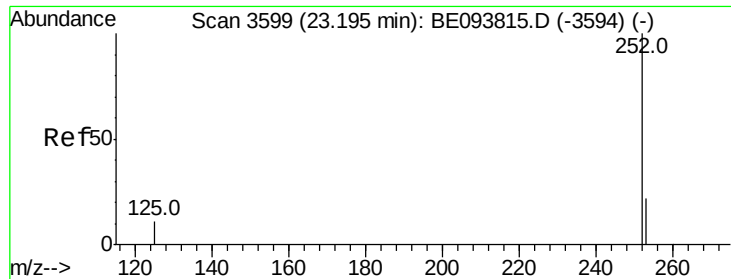


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.065 ng/ul

RT: 23.14 min Scan# 3589

Delta R.T. -0.05 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Instrument :

BNA_E

ClientSampleId :

C0AC1DL

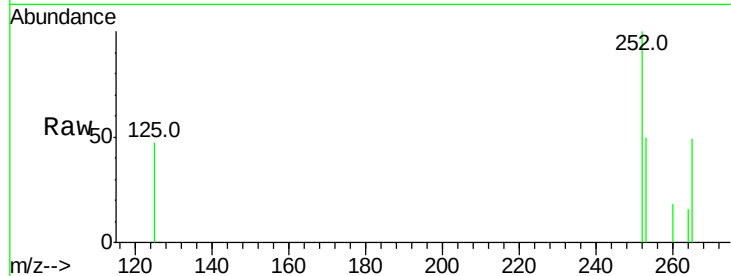
Tot Ion:252 Resp: 3931

Ion Ratio Lower Upper

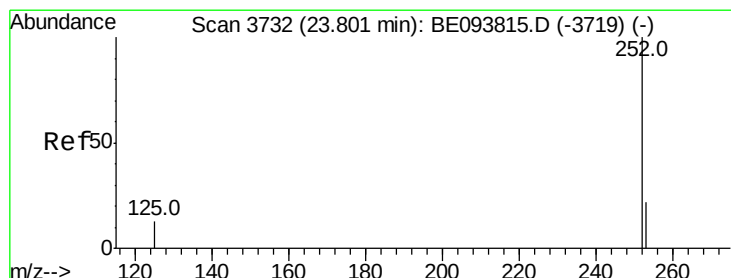
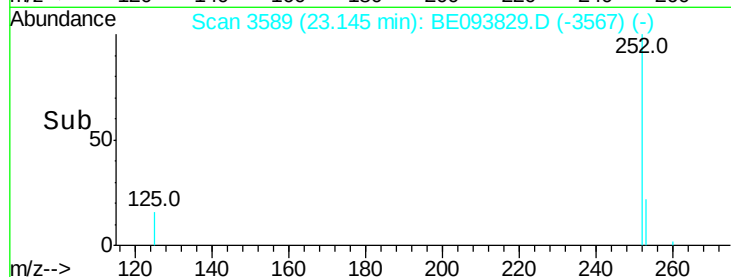
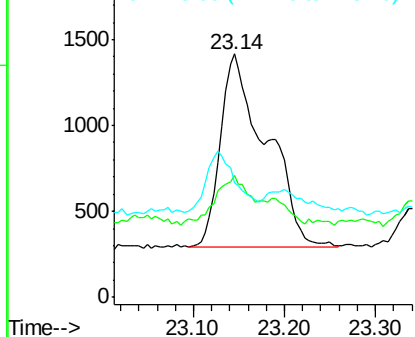
252 100

253 50.1 24.5 36.7#

125 47.1 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: 0.042 ng/ul

RT: 23.80 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

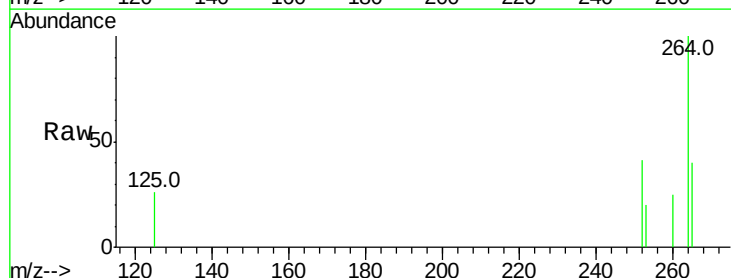
Tgt Ion:252 Resp: 2432

Ion Ratio Lower Upper

252 100

253 49.2 28.5 42.7#

125 65.0 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

