

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094377.D
 Acq On : 15 Oct 2017 4:34
 Operator : SJ/JU
 Sample : I5548-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 05:10:06 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

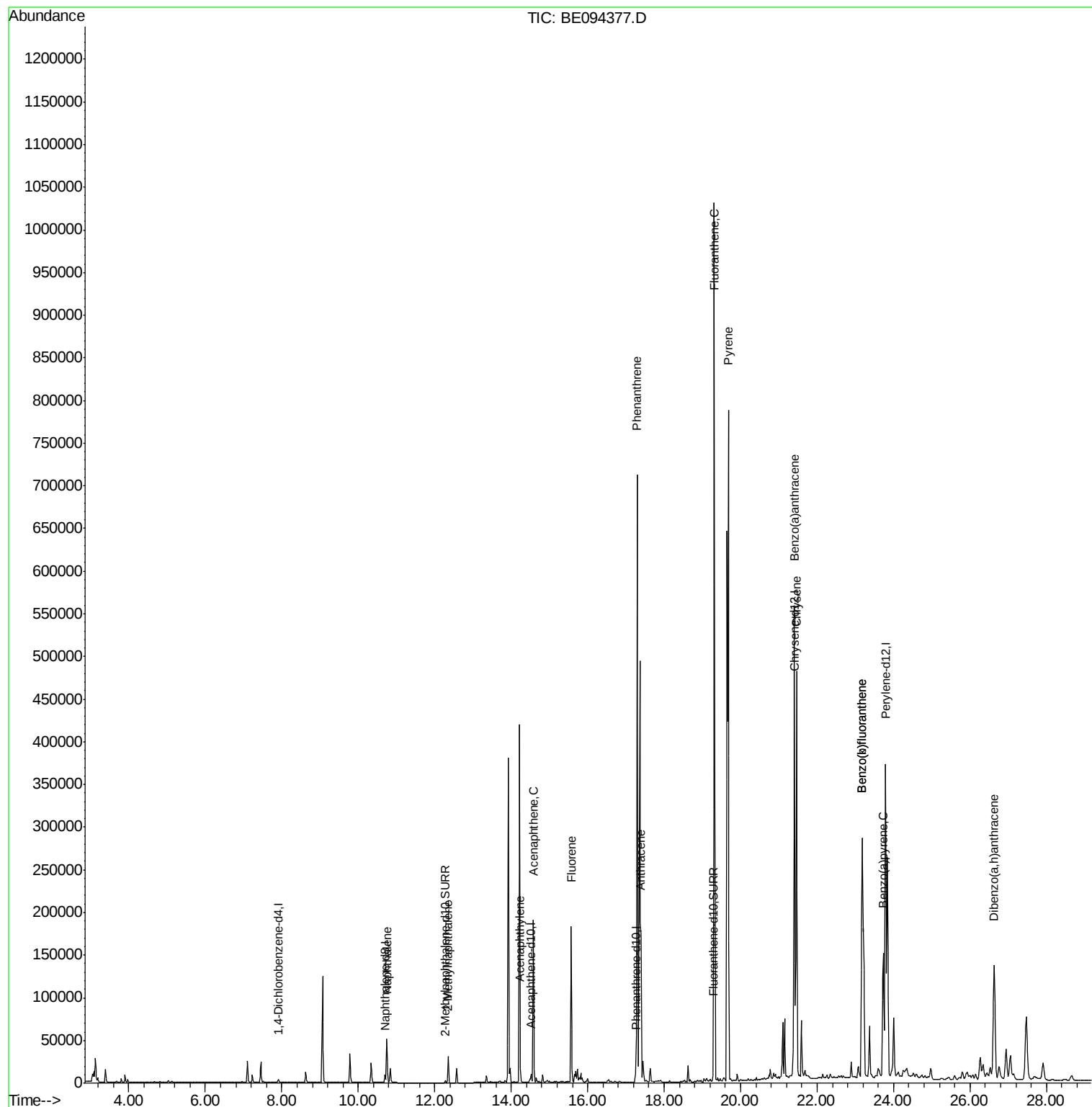
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1869	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9878	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5989	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12172	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	11492	0.40	ng/ul	0.00
20) Perylene-d12	23.79	264	546466	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3600	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	8189	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	80941	3.345	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	27676	1.763	ng/ul	98
7) Acenaphthylene	14.24	152	5959	0.255	ng/ul#	93
8) Acenaphthene	14.58	153	113099	5.884	ng/ul	97
9) Fluorene	15.57	166	113948	5.062	ng/ul#	92
12) Phenanthrene	17.29	178	923641	29.038	ng/ul#	85
13) Anthracene	17.39	178	267381	8.643	ng/ul#	91
15) Fluoranthene	19.31	202	1136165	27.185	ng/ul	84
17) Pyrene	19.68	202	883360	27.627	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	547882	17.971	ng/ul#	86
19) Chrysene	21.46	228	462593	13.139	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	491079	0.331	ng/ul	85
22) Benzo(k)fluoranthene	23.18	252	491079	0.286	ng/ul#	87
23) Benzo(a)pyrene	23.73	252	237045	0.154	ng/ul#	84
25) Dibenzo(a,h)anthracene	26.63	278	38472	0.029	ng/ul	98

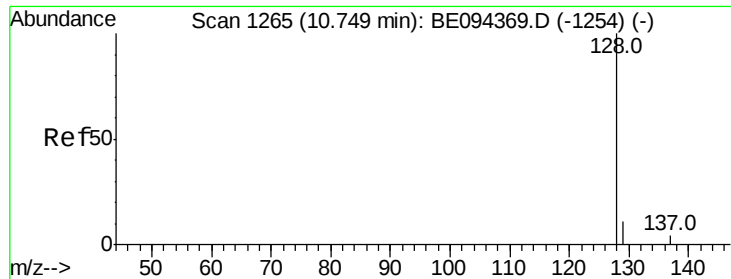
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.345 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE094377.D

Acq: 15 Oct 2017 4:34

Instrument :

BNA_E

ClientSampleId :

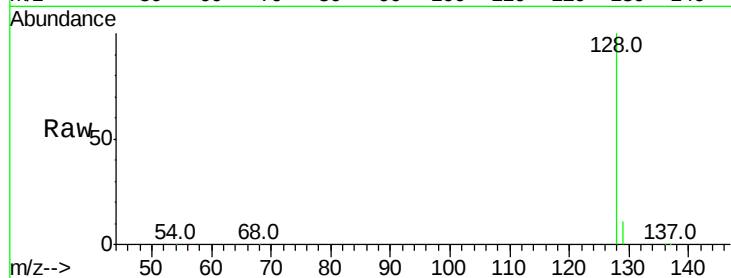
Tot Ion:128 Resp: 80941

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

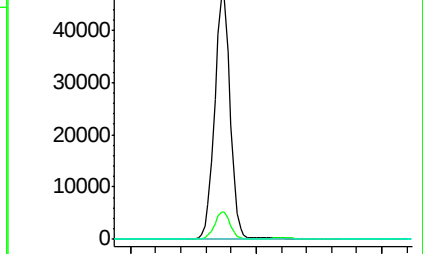
127 0.0 4.0 6.0#



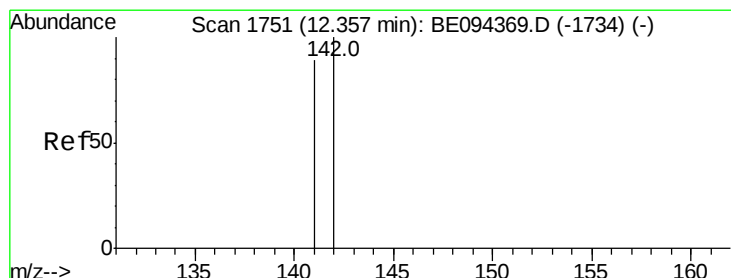
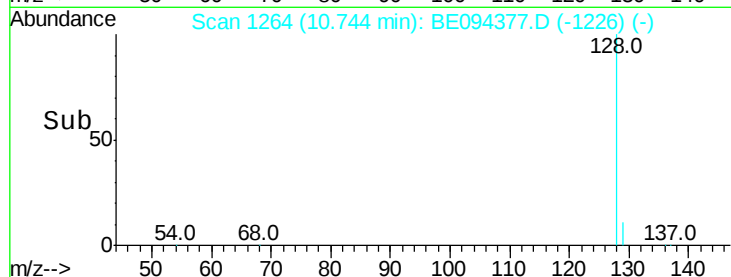
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 1.763 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BE094377.D

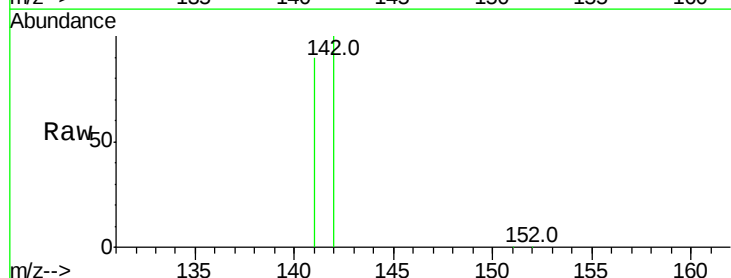
Acq: 15 Oct 2017 4:34

Tgt Ion:142 Resp: 27676

Ion Ratio Lower Upper

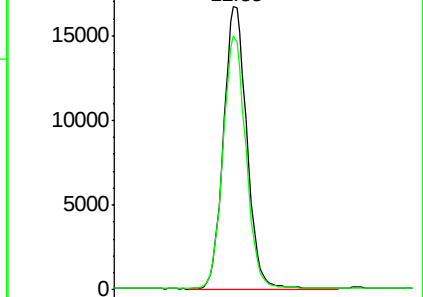
142 100

141 88.8 72.6 108.8

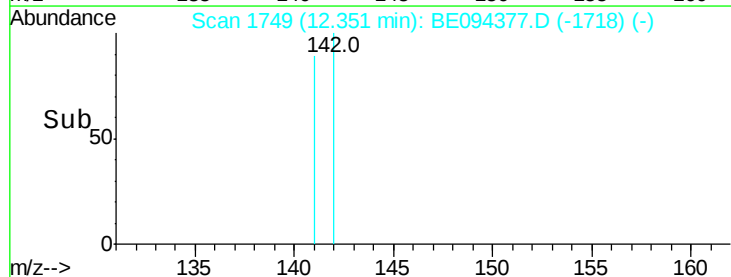


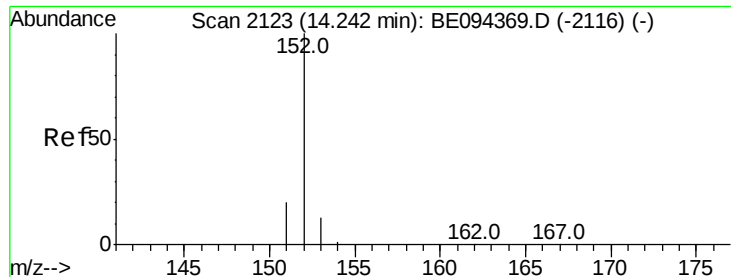
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.255 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094377.D

Acq: 15 Oct 2017 4:34

Instrument :

BNA_E

ClientSampleId :

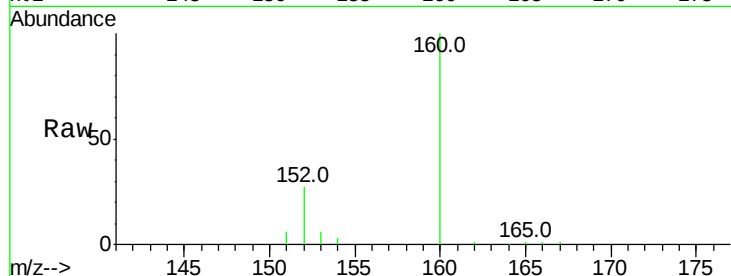
Tot Ion:152 Resp: 5959

Ion Ratio Lower Upper

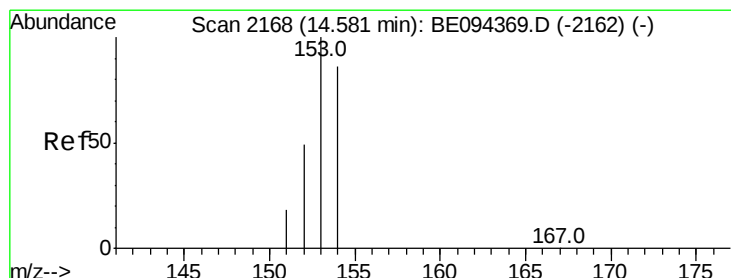
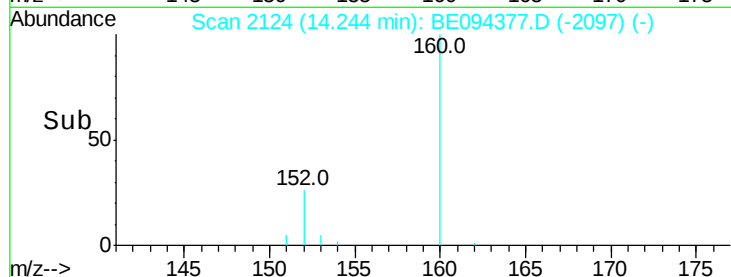
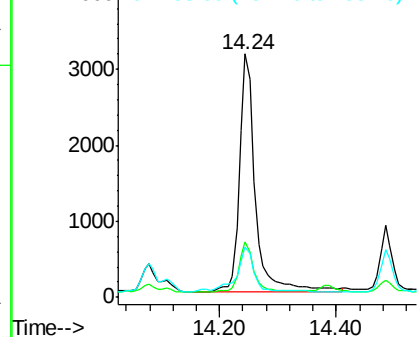
152 100

151 22.9 17.1 25.7

153 20.8 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: 5.884 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE094377.D

Acq: 15 Oct 2017 4:34

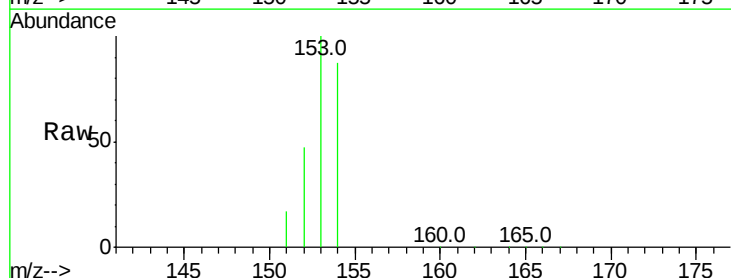
Tgt Ion:153 Resp: 113099

Ion Ratio Lower Upper

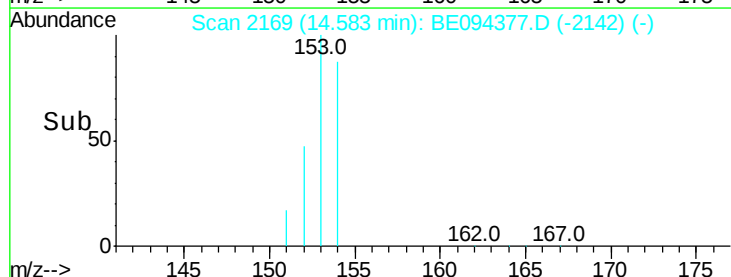
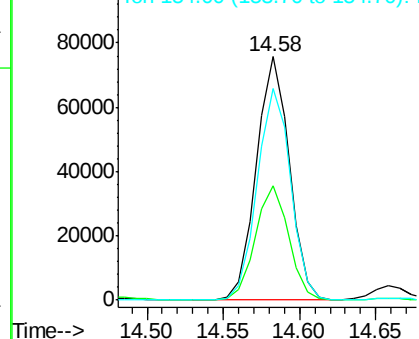
153 100

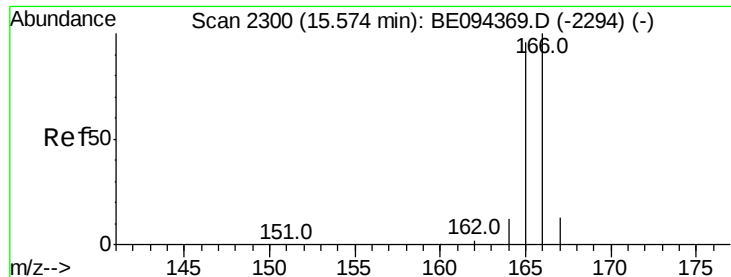
152 47.1 40.3 60.5

154 87.1 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

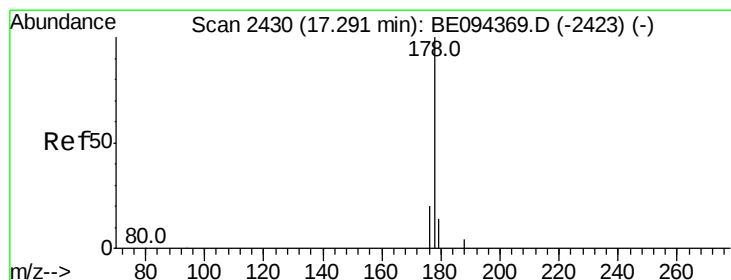
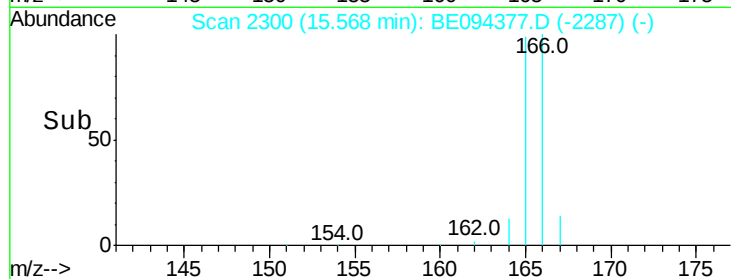
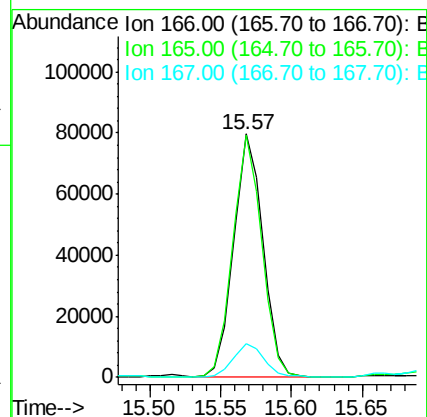
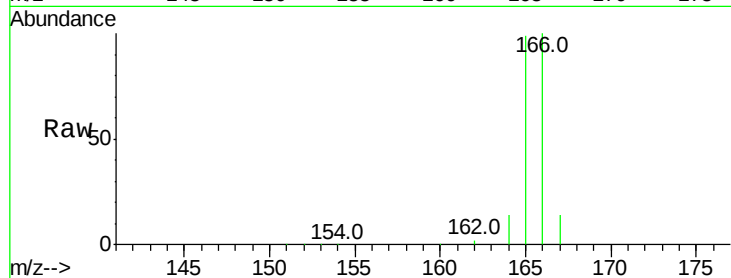




#9
Fluorene
 Concen: 5.062 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094377.D
 Acq: 15 Oct 2017 4:34

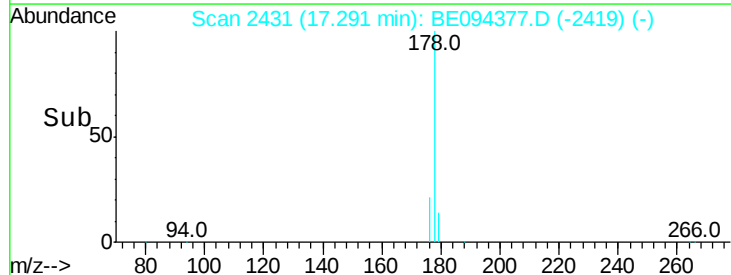
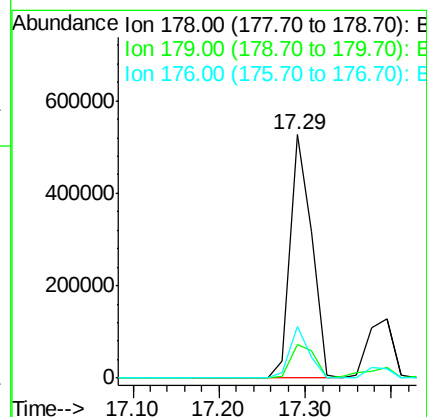
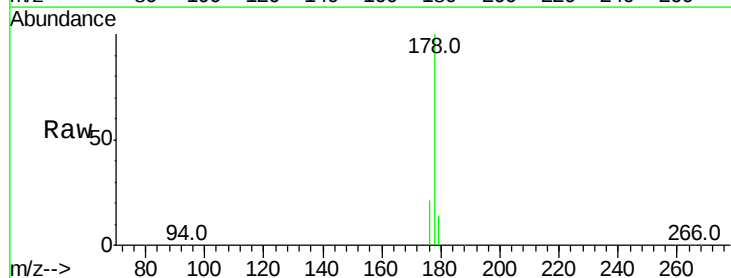
Instrument :
 BNA_E
 ClientSampleId :

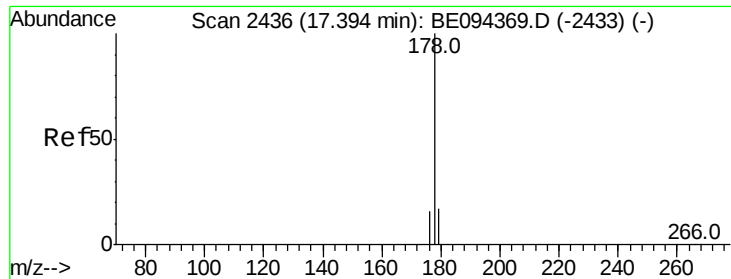
Tot Ion:166 Resp: 113948
 Ion Ratio Lower Upper
 166 100
 165 99.4 73.4 110.2
 167 14.0 14.6 22.0#



#12
Phenanthrene
 Concen: 29.038 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BE094377.D
 Acq: 15 Oct 2017 4:34

Tgt Ion:178 Resp: 923641
 Ion Ratio Lower Upper
 178 100
 179 14.0 18.4 27.6#
 176 21.2 13.6 20.4#





#13

Anthracene

Concen: 8.643 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094377.D

Acq: 15 Oct 2017 4:34

Instrument :

BNA_E

ClientSampleId :

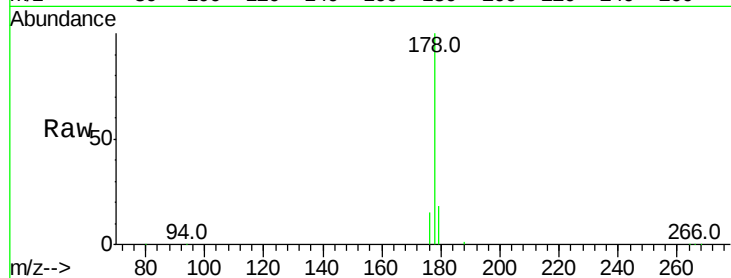
Tot Ion:178 Resp: 267381

Ion Ratio Lower Upper

178 100

179 17.8 18.1 27.1#

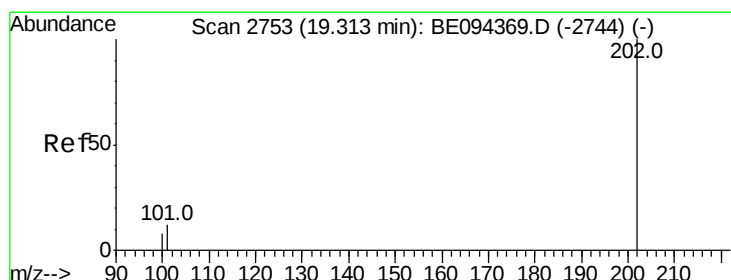
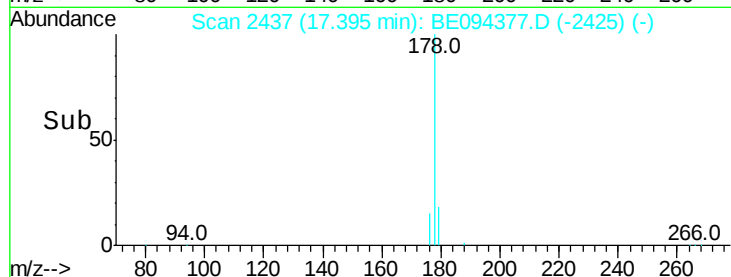
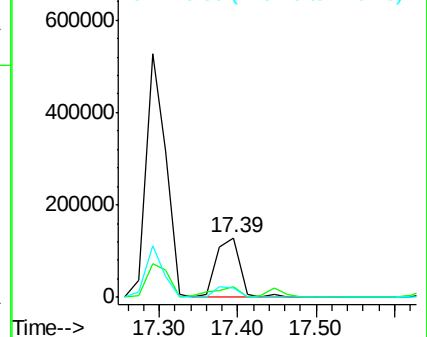
176 15.2 14.7 22.1



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



#15

Fluoranthene

Concen: 27.185 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BE094377.D

Acq: 15 Oct 2017 4:34

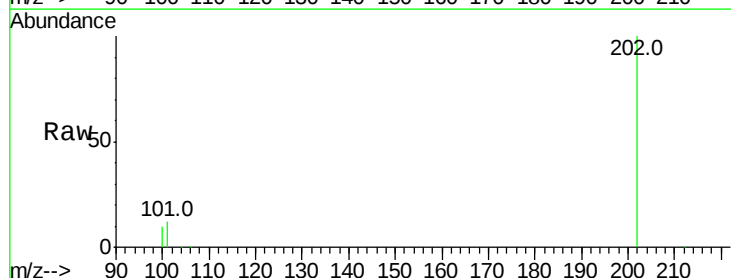
Tgt Ion:202 Resp: 1136165

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.3

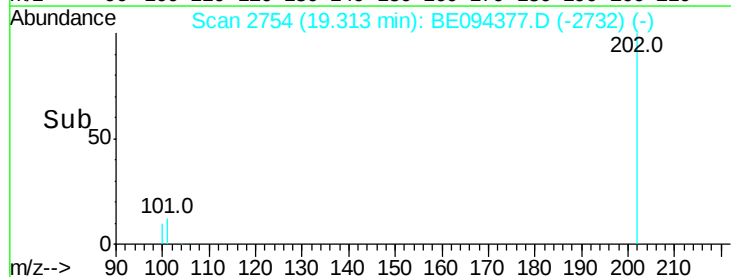
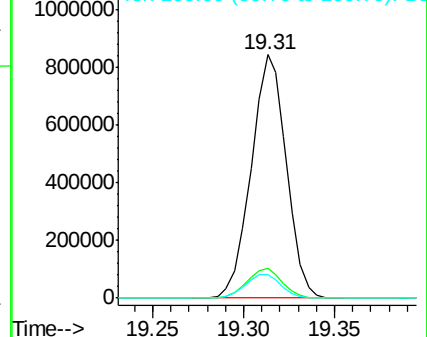
100 9.8 0.0 39.5

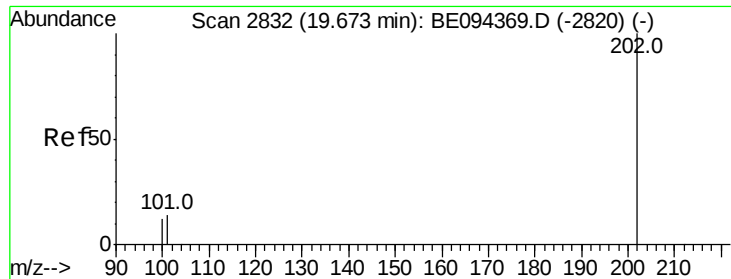


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 27.627 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BE094377.D

Acq: 15 Oct 2017 4:34

Instrument :

BNA_E

ClientSampleId :

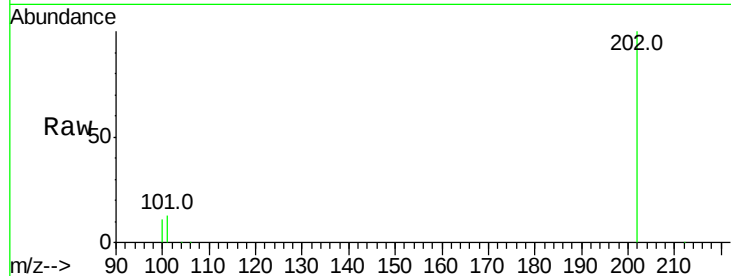
Tot Ion:202 Resp: 883360

Ion Ratio Lower Upper

202 100

101 13.4 18.2 27.4#

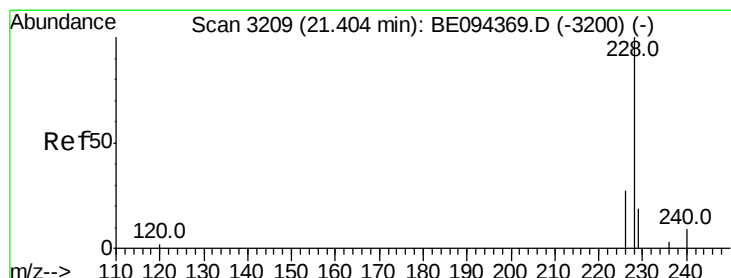
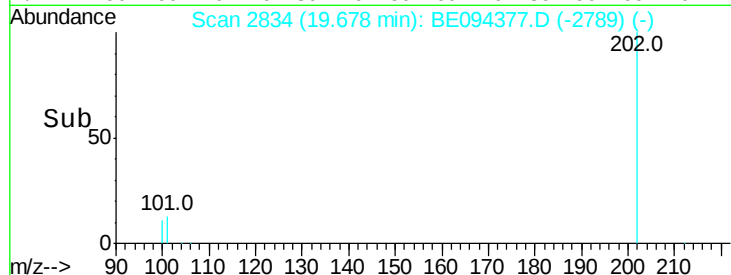
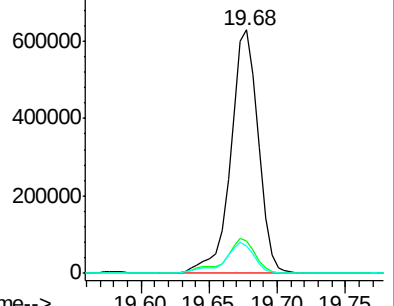
100 11.5 15.6 23.4#



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: 17.971 ng/ul

RT: 21.40 min Scan# 3210

Delta R.T. 0.00 min

Lab File: BE094377.D

Acq: 15 Oct 2017 4:34

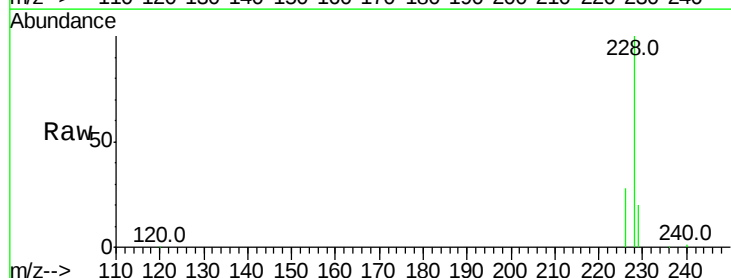
Tgt Ion:228 Resp: 547882

Ion Ratio Lower Upper

228 100

229 20.4 22.8 34.2#

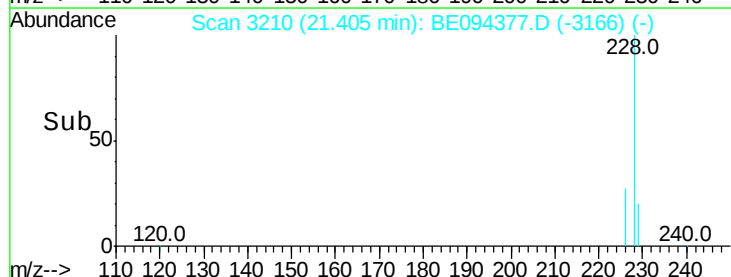
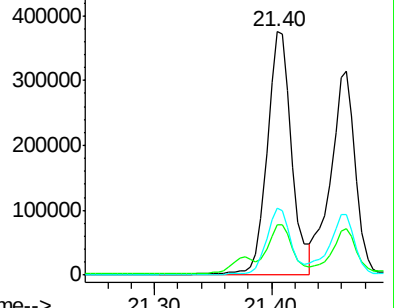
226 27.5 17.0 25.6#

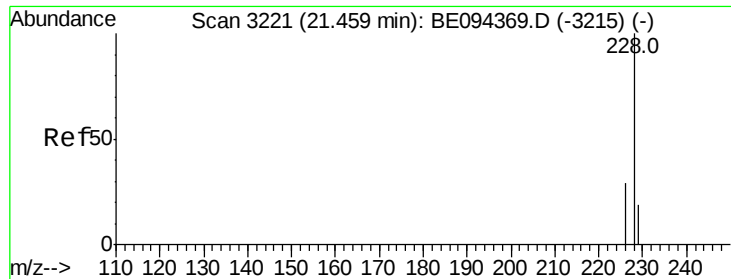


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 13.139 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094377.D

Acq: 15 Oct 2017 4:34

Instrument :

BNA_E

ClientSampleId :

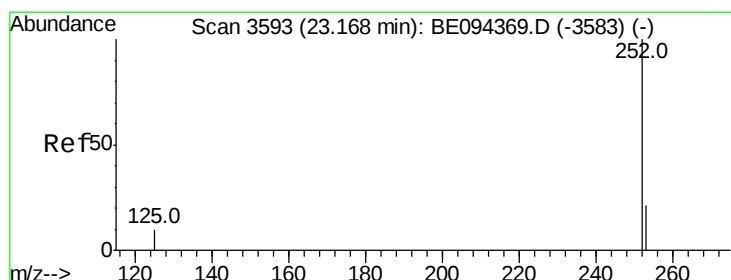
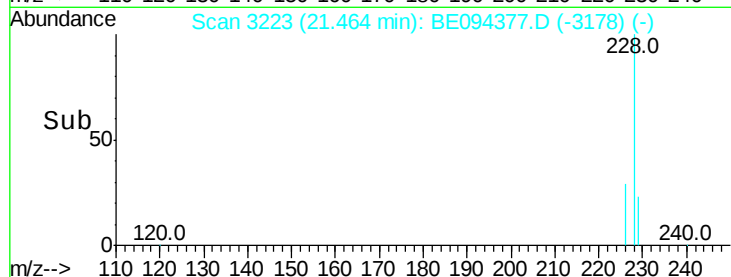
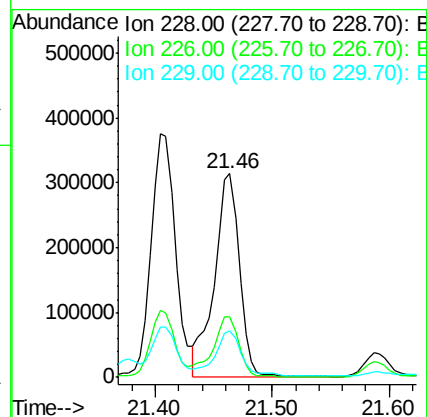
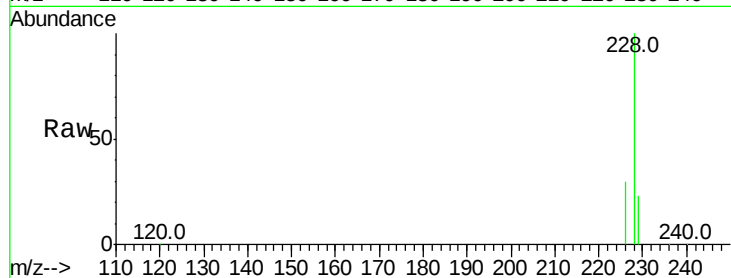
Tot Ion:228 Resp: 462593

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.0

229 23.1 17.7 26.5



#21

Benzo(b)fluoranthene

Concen: 0.331 ng/ul

RT: 23.18 min Scan# 3597

Delta R.T. 0.01 min

Lab File: BE094377.D

Acq: 15 Oct 2017 4:34

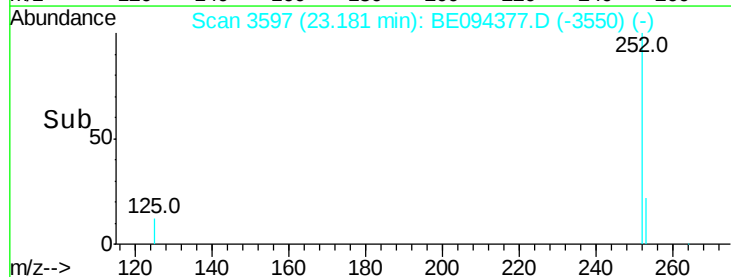
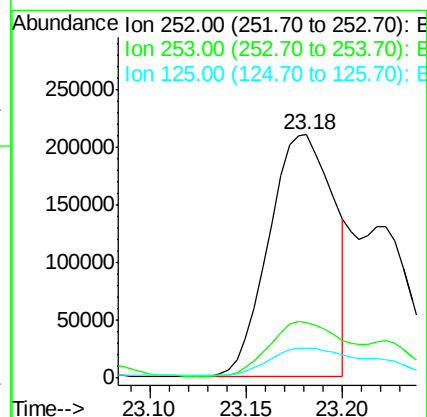
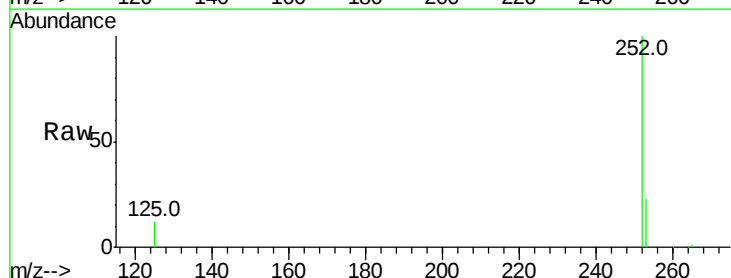
Tgt Ion:252 Resp: 491079

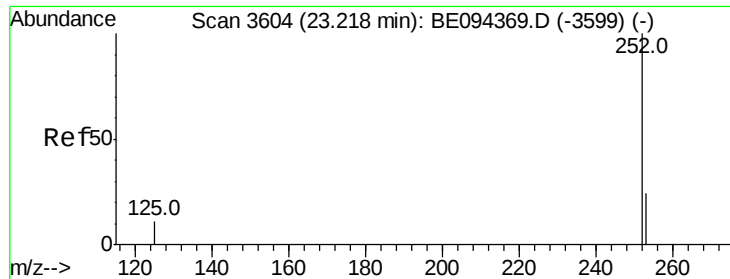
Ion Ratio Lower Upper

252 100

253 22.9 0.0 64.2

125 12.5 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 0.286 ng/ul

RT: 23.18 min Scan# 3597

Delta R.T. -0.04 min

Lab File: BE094377.D

Acq: 15 Oct 2017 4:34

Instrument :

BNA_E

ClientSampleId :

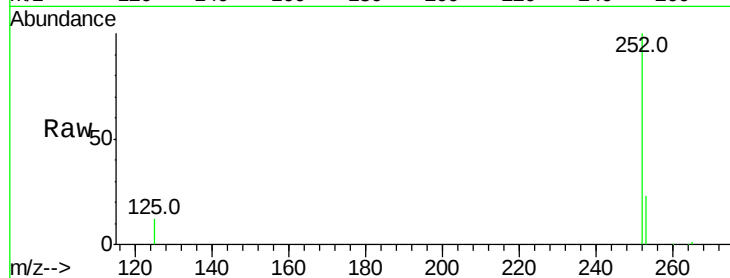
Tot Ion:252 Resp: 491079

Ion Ratio Lower Upper

252 100

253 22.9 24.5 36.7#

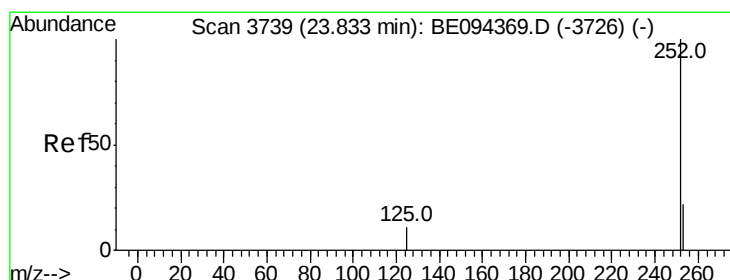
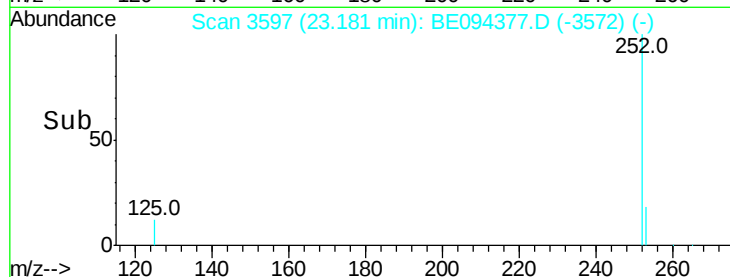
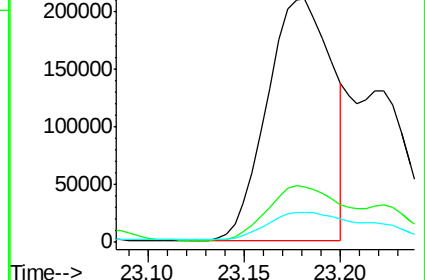
125 12.5 13.7 20.5#



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: 0.154 ng/ul

RT: 23.73 min Scan# 3718

Delta R.T. -0.10 min

Lab File: BE094377.D

Acq: 15 Oct 2017 4:34

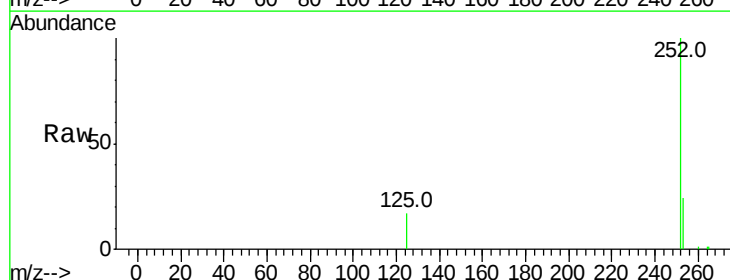
Tgt Ion:252 Resp: 237045

Ion Ratio Lower Upper

252 100

253 24.2 28.5 42.7#

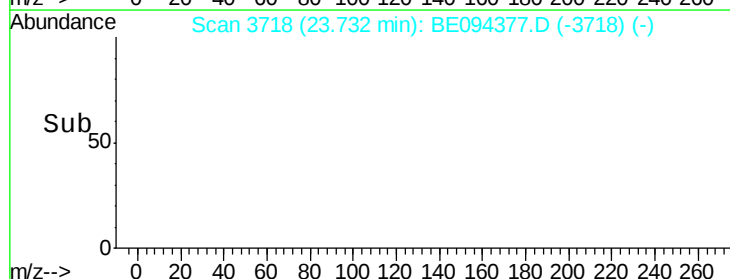
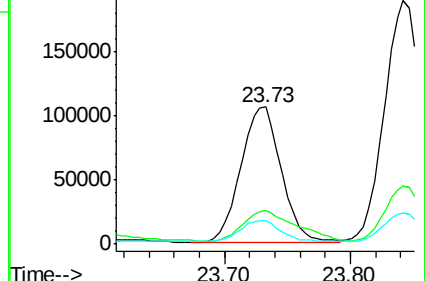
125 16.9 18.1 27.1#

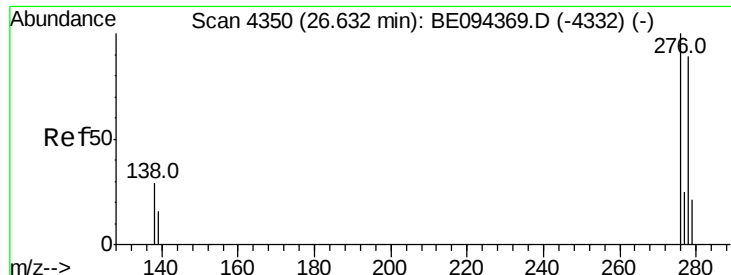


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.029 ng/ul

RT: 26.63 min Scan# 4351

Delta R.T. 0.00 min

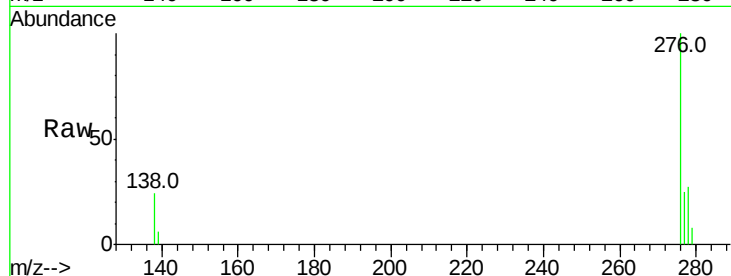
Lab File: BE094377.D

Acq: 15 Oct 2017 4:34

Instrument :

BNA_E

ClientSampleId :



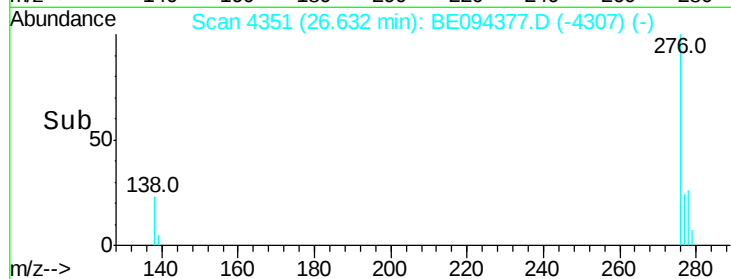
Tot Ion:278 Resp: 38472

Ion Ratio Lower Upper

278 100

139 21.5 17.4 26.0

279 30.6 25.9 38.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

