

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094381.D
 Acq On : 15 Oct 2017 7:03
 Operator : SJ/JU
 Sample : I5548-10DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 05:10:42 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

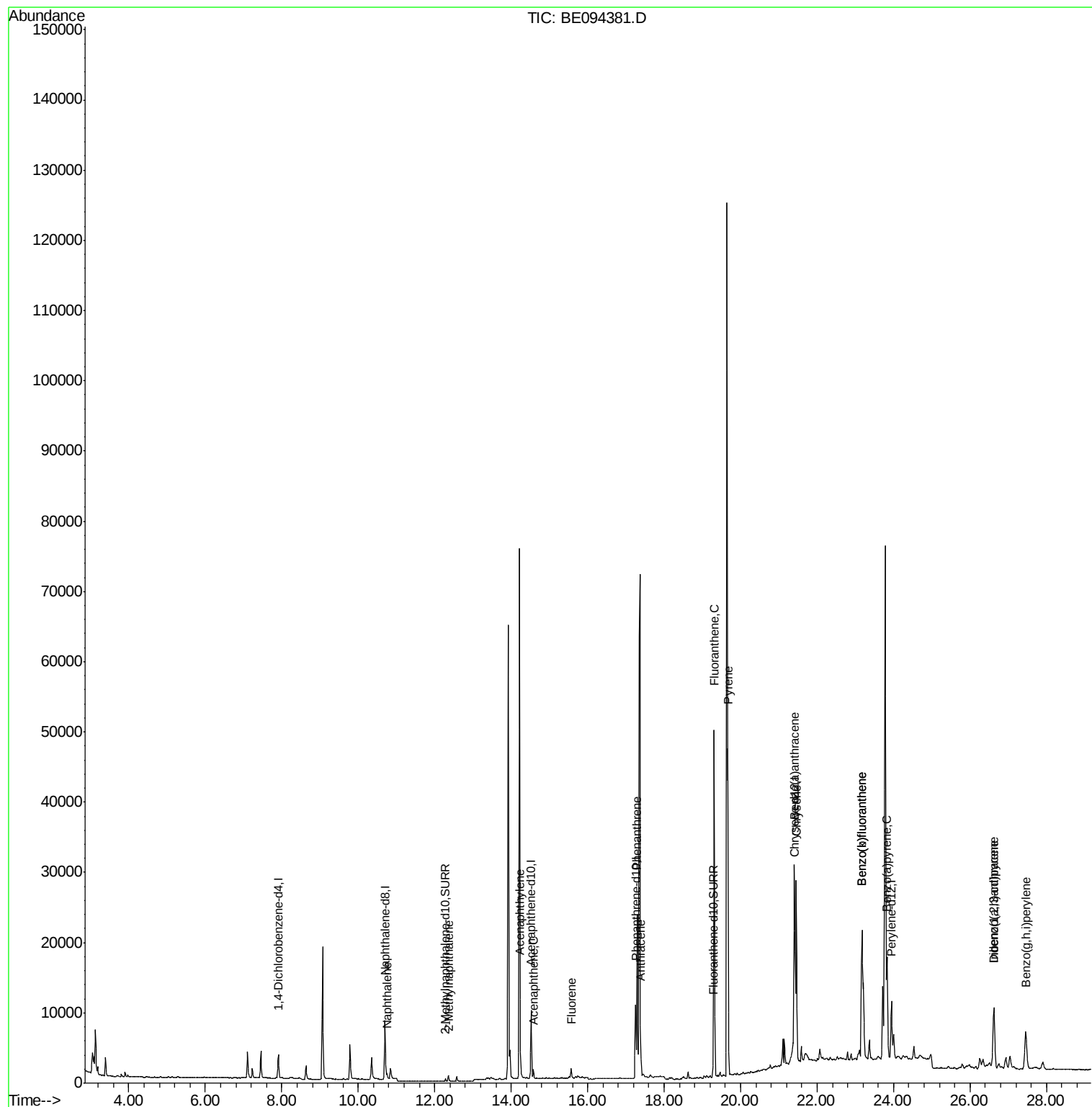
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1744	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9329	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5580	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	13047	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	12694	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	12337	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	602	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1563	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	1292	0.057	ng/ul#	84
5) 2-Methylnaphthalene	12.36	142	809	0.055	ng/ul	97
7) Acenaphthylene	14.24	152	1028	0.047	ng/ul#	86
8) Acenaphthene	14.58	153	821	0.046	ng/ul	99
9) Fluorene	15.57	166	910	0.043	ng/ul#	86
12) Phenanthrene	17.29	178	26251	0.770	ng/ul#	87
13) Anthracene	17.38	178	4011	0.121	ng/ul#	92
15) Fluoranthene	19.31	202	56179	1.254	ng/ul	84
17) Pyrene	19.67	202	48449	1.372	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	25056	0.744	ng/ul#	90
19) Chrysene	21.46	228	27317	0.702	ng/ul	96
21) Benzo(b)fluoranthene	23.17	252	46786	1.396	ng/ul	93
22) Benzo(k)fluoranthene	23.17	252	46786	1.208	ng/ul	94
23) Benzo(a)pyrene	23.83	252	21583	0.620	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.62	276	15810	0.444	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.62	278	4145	0.139	ng/ul#	59
26) Benzo(a,h,i)perylene	27.46	276	13250	0.431	ng/ul	93

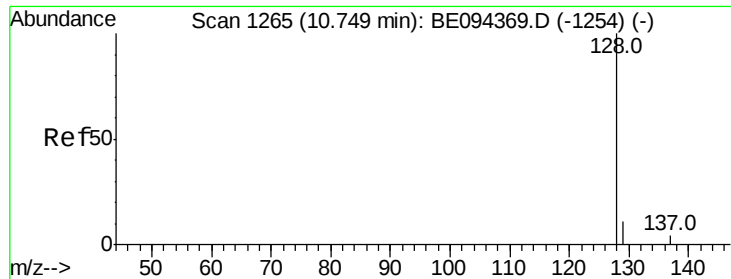
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.057 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE094381.D

Acq: 15 Oct 2017 7:03

Instrument :

BNA_E

ClientSampleId :

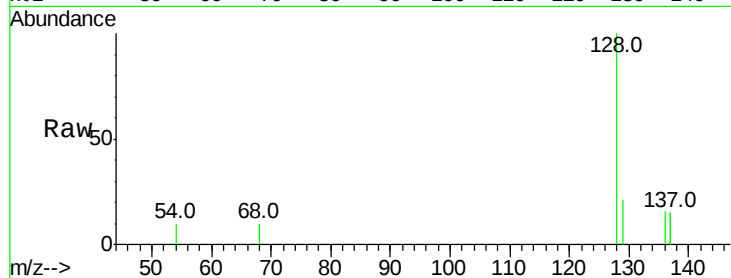
Tot Ion:128 Resp: 1292

Ion Ratio Lower Upper

128 100

129 20.6 11.3 16.9#

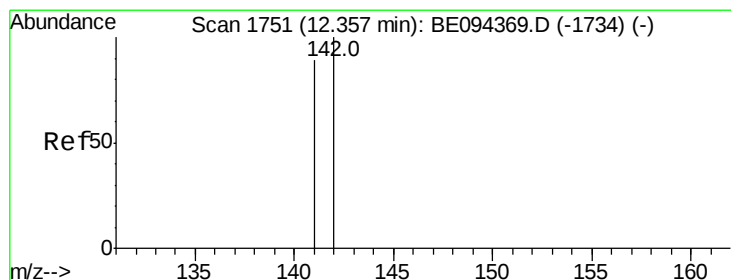
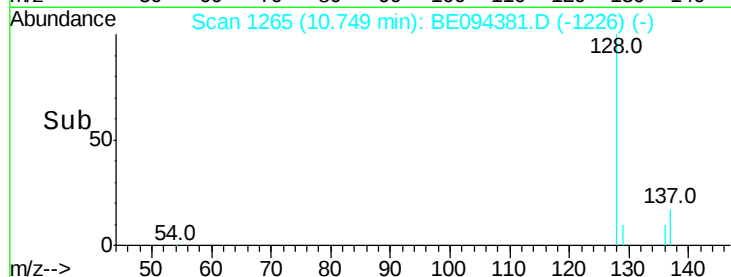
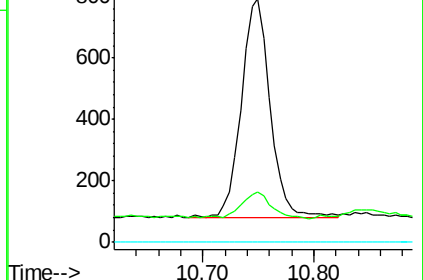
127 0.0 4.0 6.0#



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: 0.055 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE094381.D

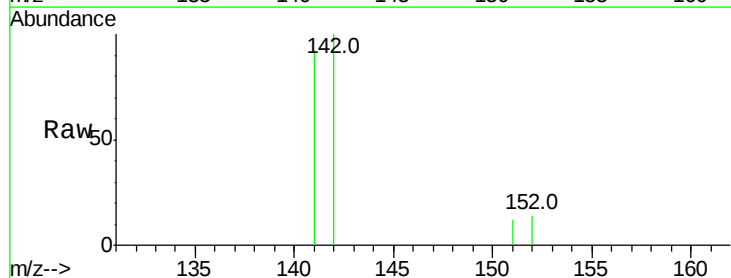
Acq: 15 Oct 2017 7:03

Tgt Ion:142 Resp: 809

Ion Ratio Lower Upper

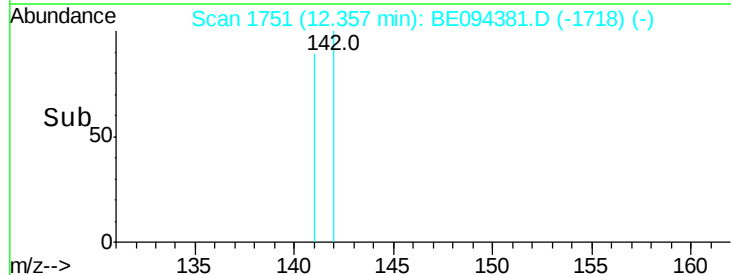
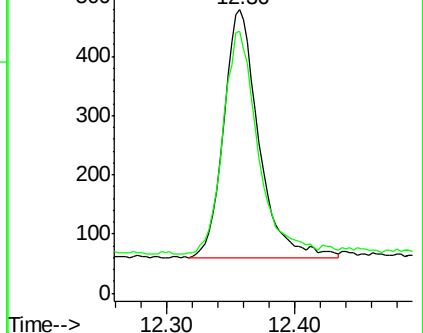
142 100

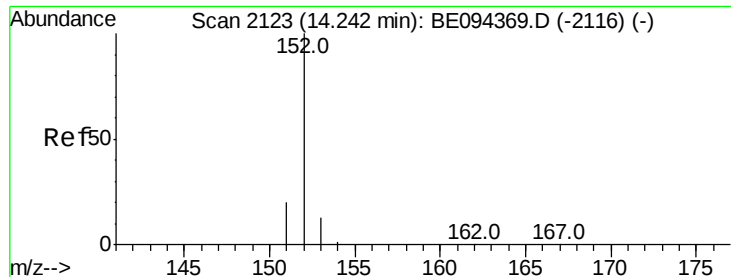
141 88.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.047 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094381.D

Acq: 15 Oct 2017 7:03

Instrument :

BNA_E

ClientSampleId :

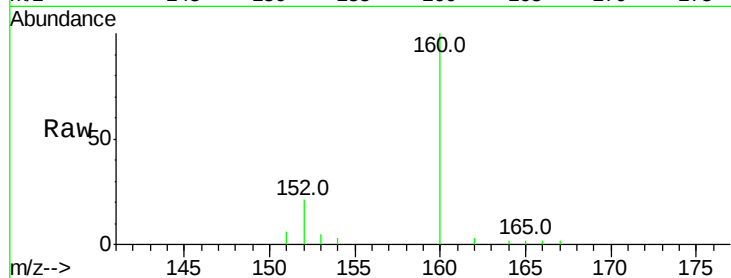
Tot Ion:152 Resp: 1028

Ion Ratio Lower Upper

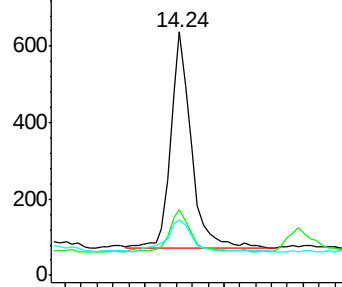
152 100

151 27.1 17.1 25.7#

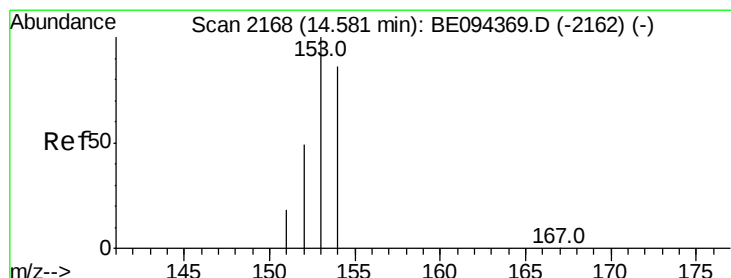
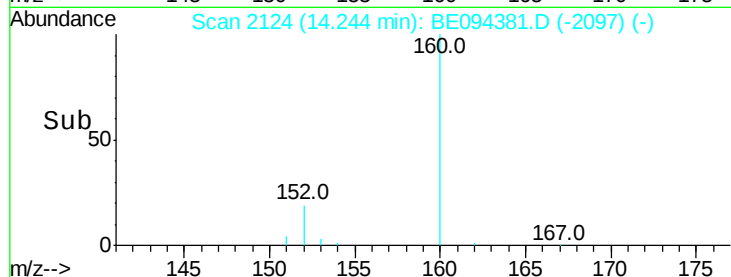
153 22.9 12.8 19.2#



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



Time-->



#8

Acenaphthene

Concen: 0.046 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE094381.D

Acq: 15 Oct 2017 7:03

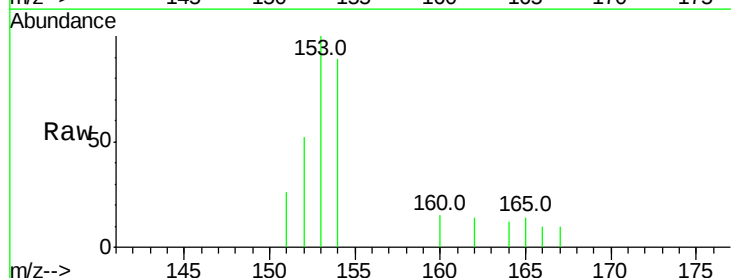
Tgt Ion:153 Resp: 821

Ion Ratio Lower Upper

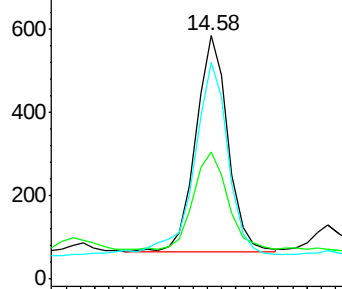
153 100

152 52.1 40.3 60.5

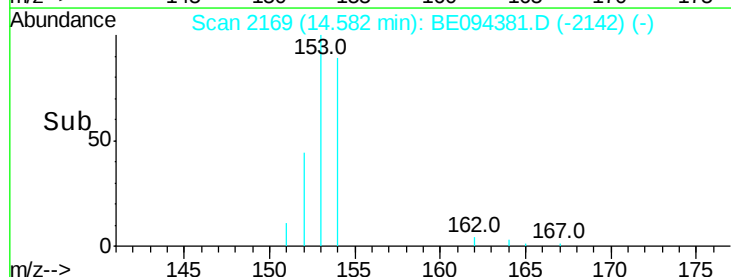
154 89.0 71.4 107.2

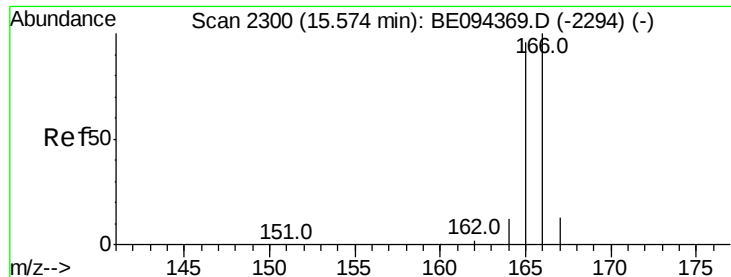


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->

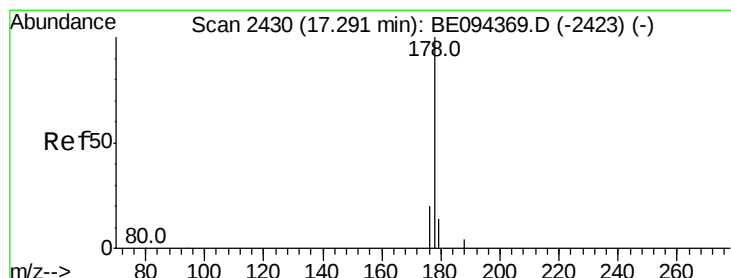
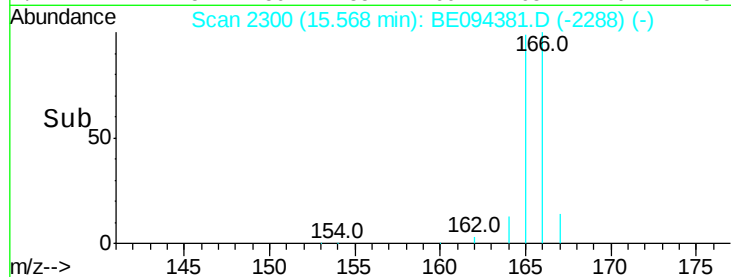
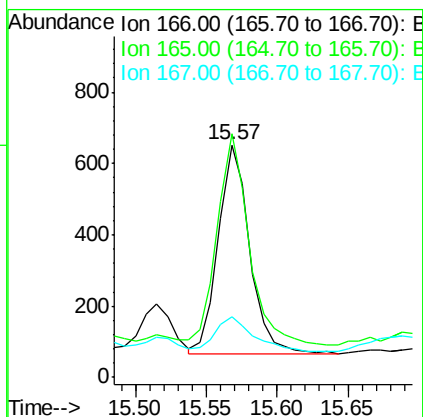
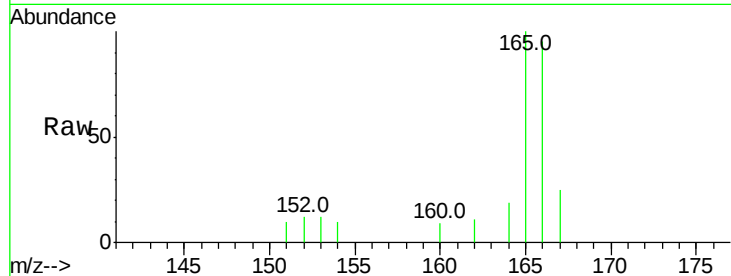




#9
Fluorene
 Concen: 0.043 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094381.D
 Acq: 15 Oct 2017 7:03

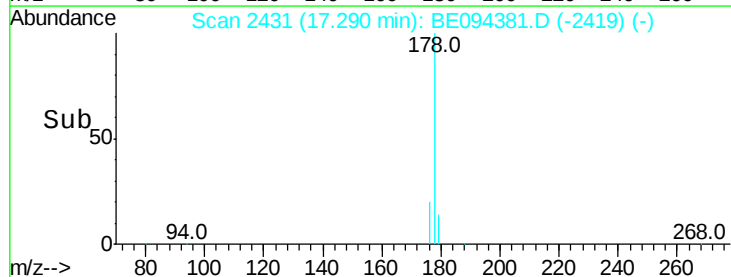
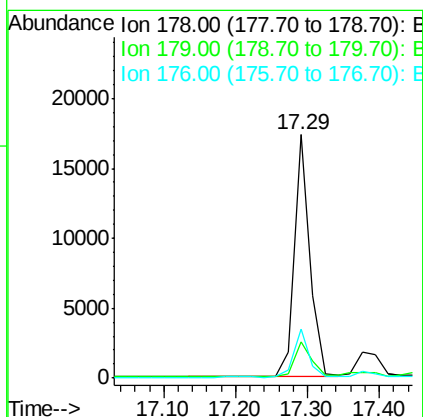
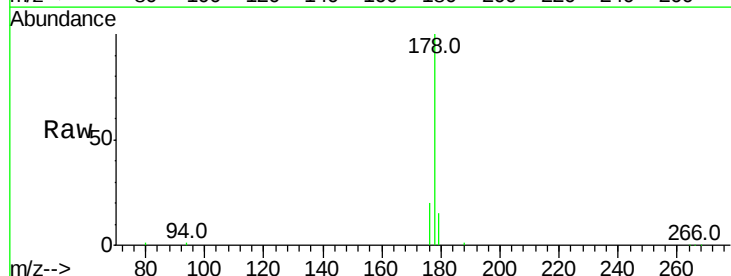
Instrument :
 BNA_E
 ClientSampled :

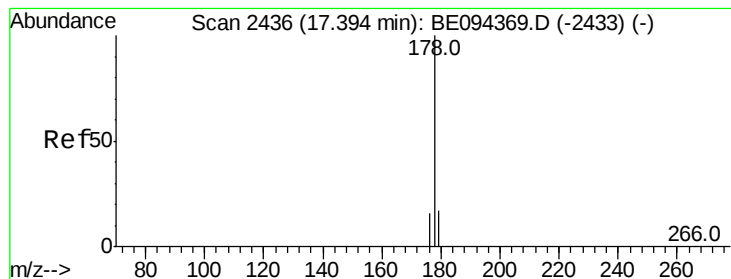
Tot Ion:166 Resp: 910
 Ion Ratio Lower Upper
 166 100
 165 104.8 73.4 110.2
 167 25.9 14.6 22.0#



#12
Phenanthrene
 Concen: 0.770 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BE094381.D
 Acq: 15 Oct 2017 7:03

Tgt Ion:178 Resp: 26251
 Ion Ratio Lower Upper
 178 100
 179 14.9 18.4 27.6#
 176 19.9 13.6 20.4





#13

Anthracene

Concen: 0.121 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094381.D

Acq: 15 Oct 2017 7:03

Instrument :

BNA_E

ClientSampleId :

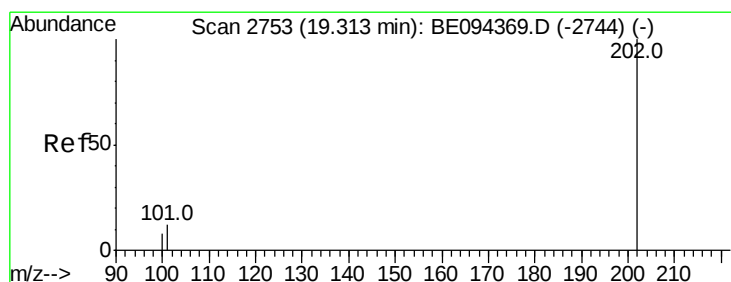
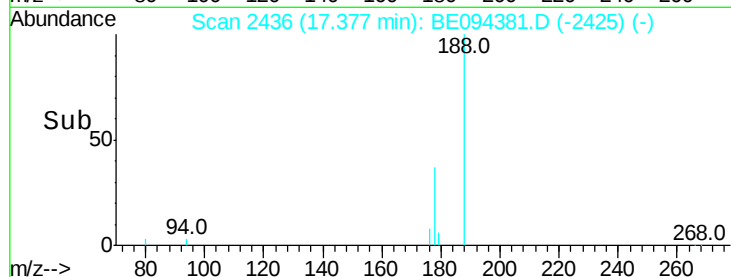
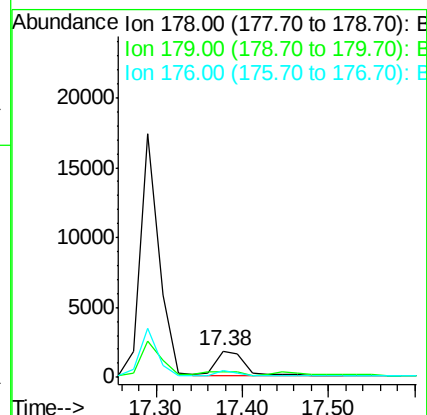
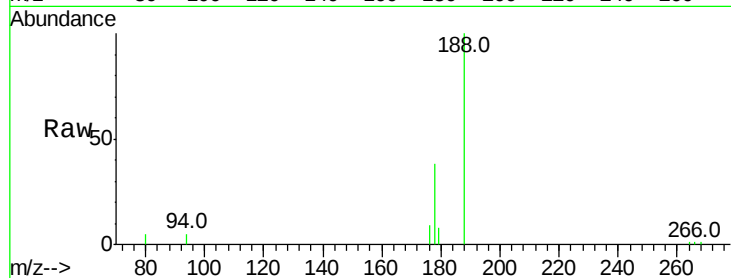
Tot Ion:178 Resp: 4011

Ion Ratio Lower Upper

178 100

179 20.7 18.1 27.1

176 24.1 14.7 22.1#



#15

Fluoranthene

Concen: 1.254 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE094381.D

Acq: 15 Oct 2017 7:03

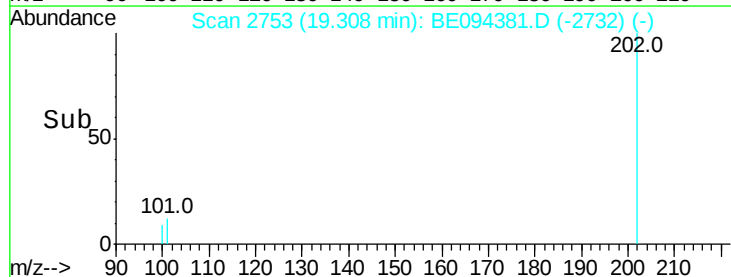
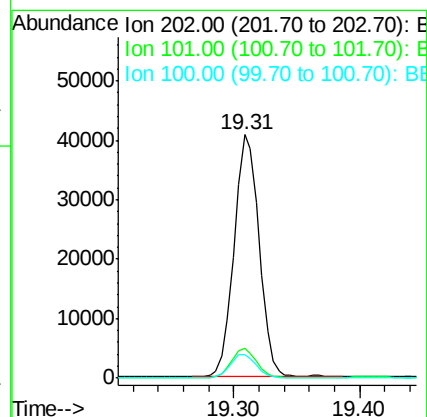
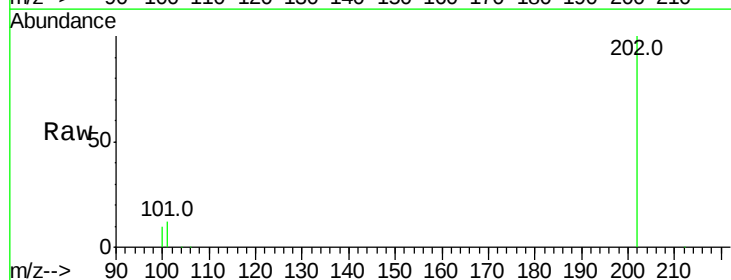
Tgt Ion:202 Resp: 56179

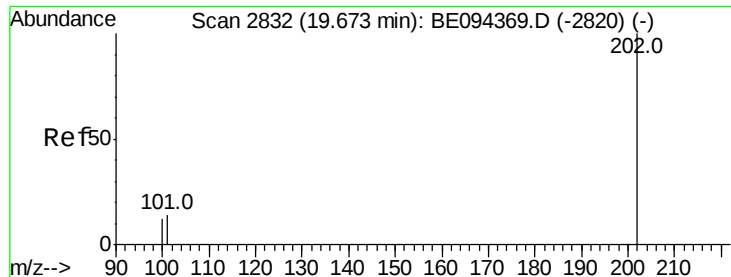
Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.3

100 9.5 0.0 39.5





#17

Pvrene

Concen: 1.372 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094381.D

Acq: 15 Oct 2017 7:03

Instrument :

BNA_E

ClientSampleId :

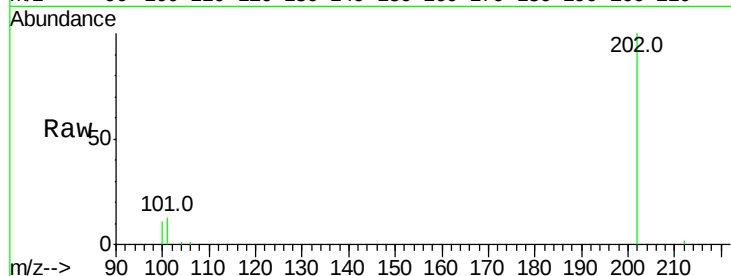
Tot Ion:202 Resp: 48449

Ion Ratio Lower Upper

202 100

101 12.7 18.2 27.4#

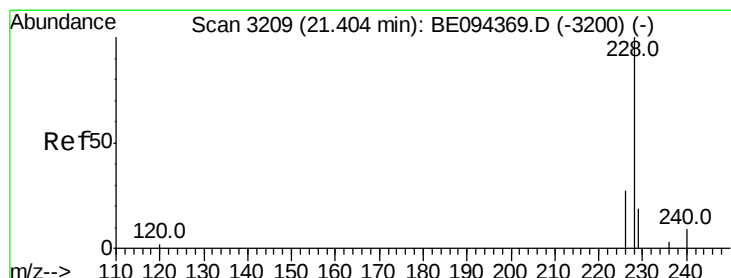
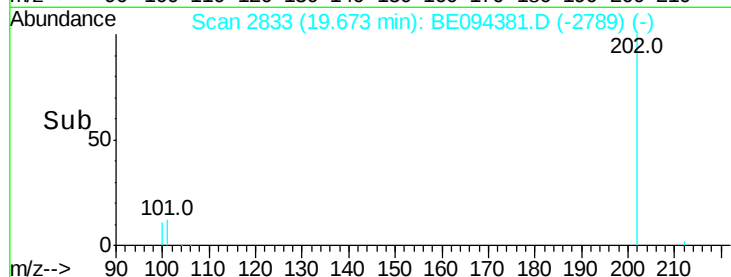
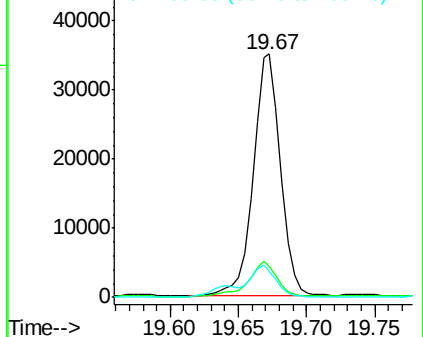
100 10.8 15.6 23.4#



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: 0.744 ng/ul

RT: 21.40 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE094381.D

Acq: 15 Oct 2017 7:03

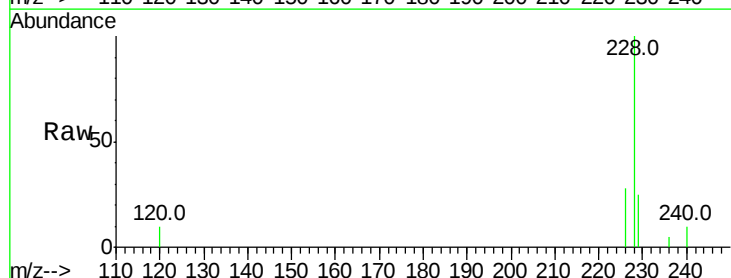
Tgt Ion:228 Resp: 25056

Ion Ratio Lower Upper

228 100

229 24.6 22.8 34.2

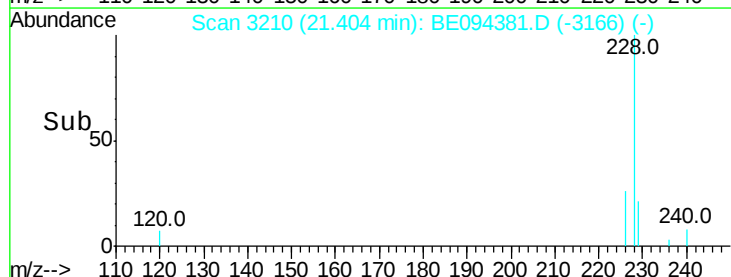
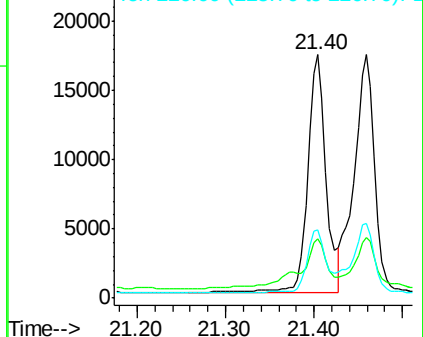
226 28.0 17.0 25.6#

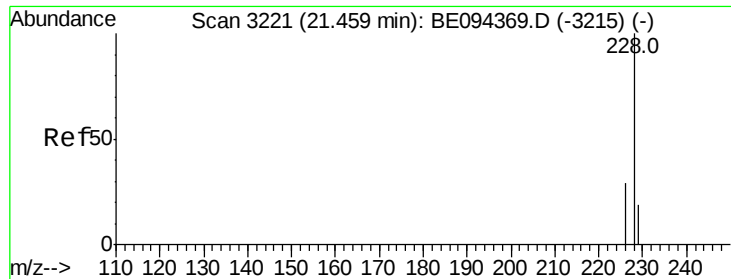


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.702 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094381.D

Acq: 15 Oct 2017 7:03

Instrument :

BNA_E

ClientSampleId :

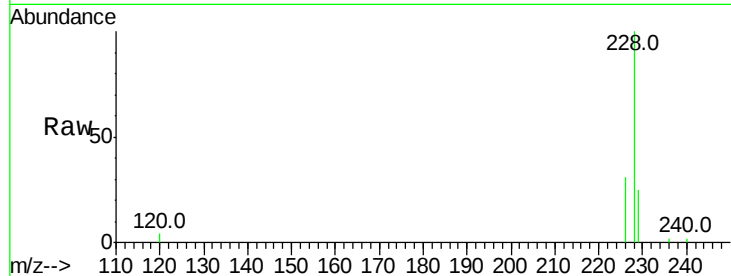
Tot Ion:228 Resp: 27317

Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.0

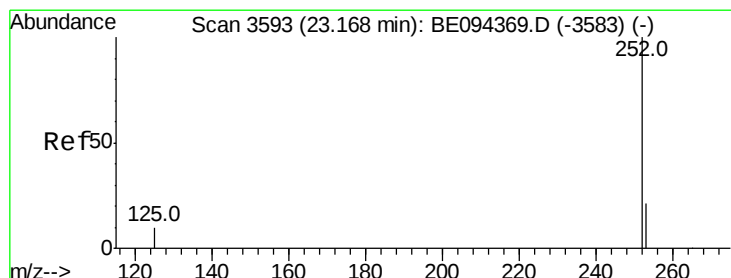
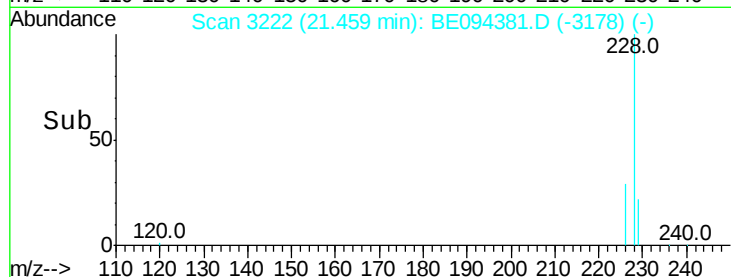
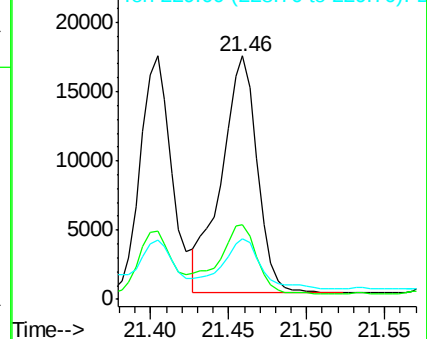
229 25.1 17.7 26.5



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: 1.396 ng/ul

RT: 23.17 min Scan# 3595

Delta R.T. 0.00 min

Lab File: BE094381.D

Acq: 15 Oct 2017 7:03

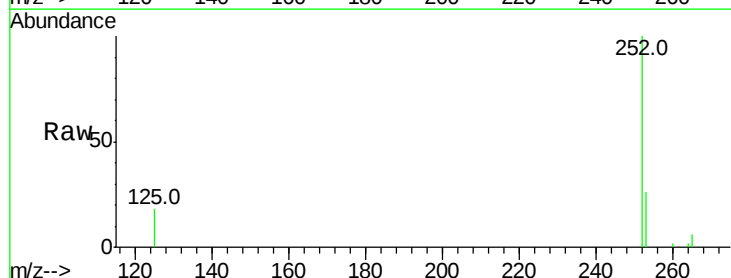
Tgt Ion:252 Resp: 46786

Ion Ratio Lower Upper

252 100

253 25.8 0.0 64.2

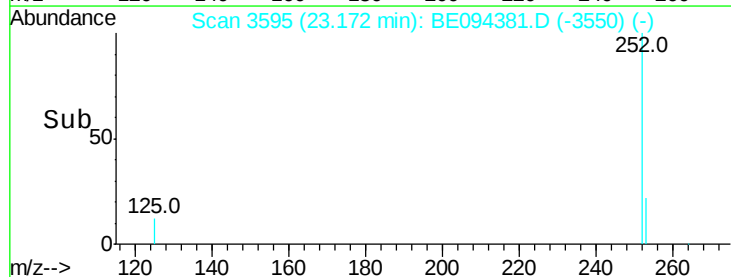
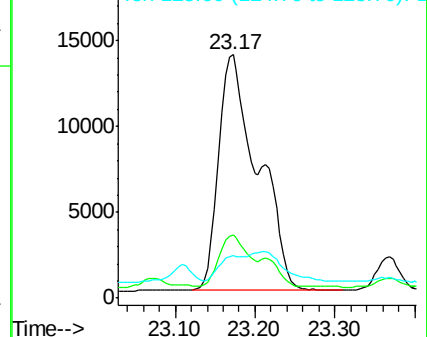
125 17.6 0.0 35.0

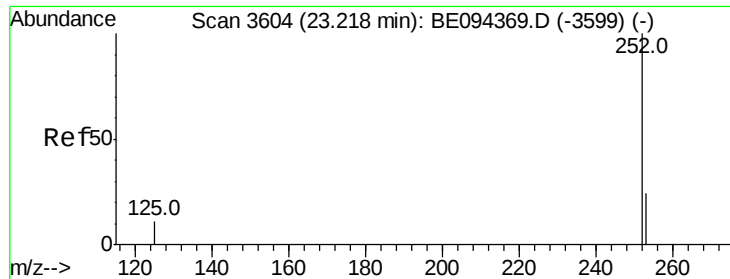


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.208 ng/ul

RT: 23.17 min Scan# 3595

Delta R.T. -0.05 min

Lab File: BE094381.D

Acq: 15 Oct 2017 7:03

Instrument :

BNA_E

ClientSampleId :

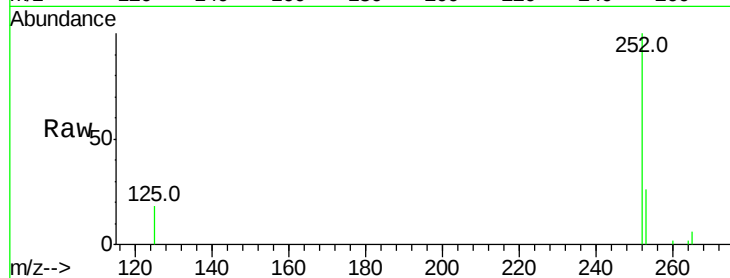
Tot Ion:252 Resp: 46786

Ion Ratio Lower Upper

252 100

253 25.8 24.5 36.7

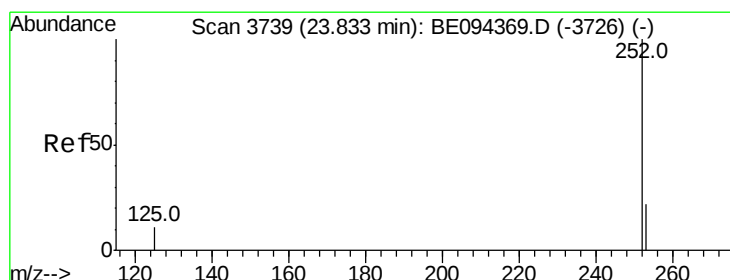
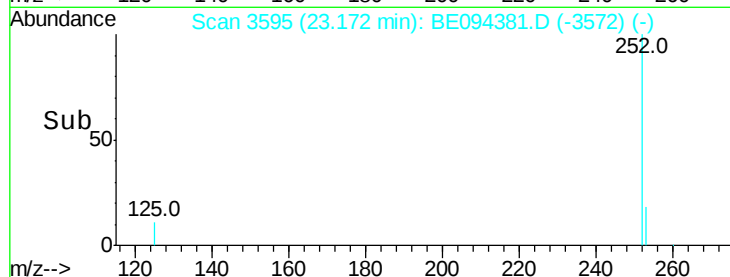
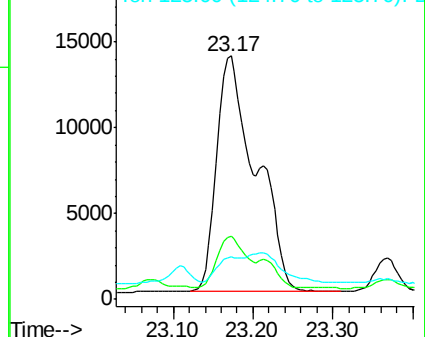
125 17.6 13.7 20.5



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: 0.620 ng/ul

RT: 23.83 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BE094381.D

Acq: 15 Oct 2017 7:03

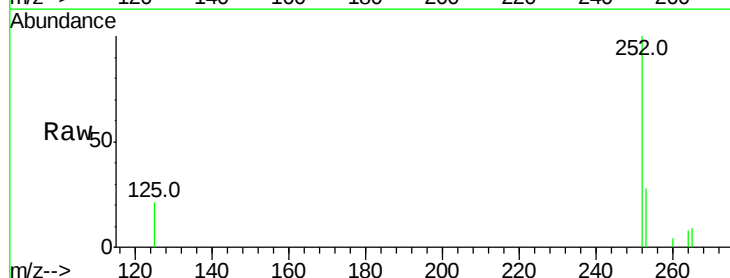
Tgt Ion:252 Resp: 21583

Ion Ratio Lower Upper

252 100

253 27.6 28.5 42.7#

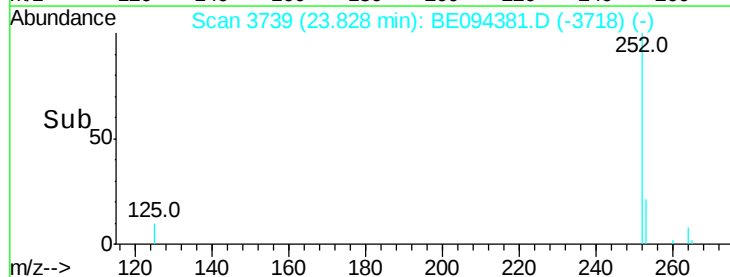
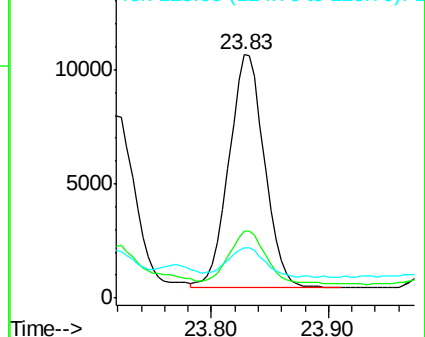
125 20.6 18.1 27.1

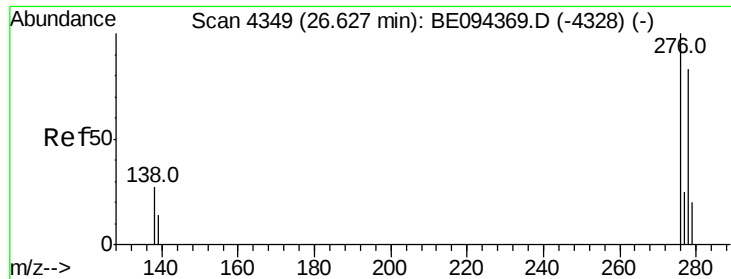


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.444 ng/ul

RT: 26.62 min Scan# 4349

Delta R.T. -0.01 min

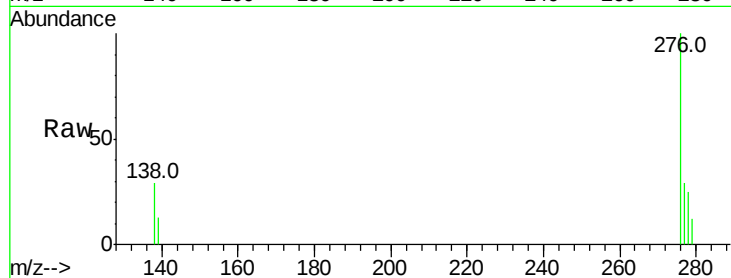
Lab File: BE094381.D

Acq: 15 Oct 2017 7:03

Instrument :

BNA_E

ClientSampleId :



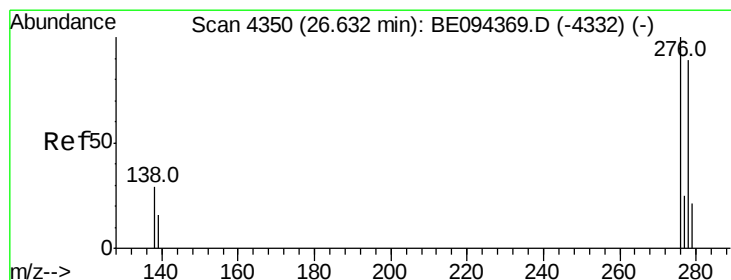
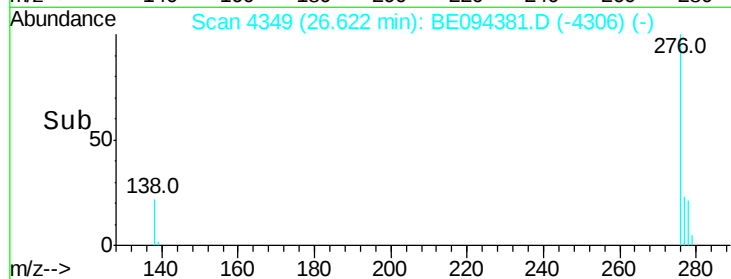
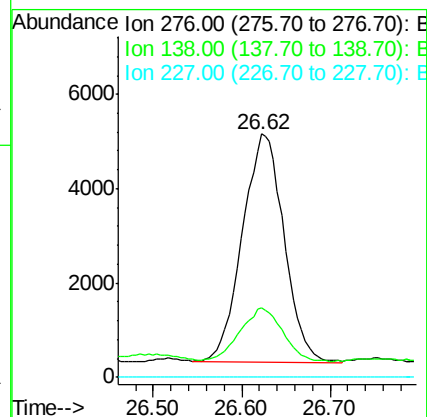
Tot Ion:276 Resp: 15810

Ion Ratio Lower Upper

276 100

138 23.7 28.0 42.0#

227 0.0 8.0 12.0#



#25

Dibenzo(a,h)anthracene

Concen: 0.139 ng/ul

RT: 26.62 min Scan# 4349

Delta R.T. -0.01 min

Lab File: BE094381.D

Acq: 15 Oct 2017 7:03

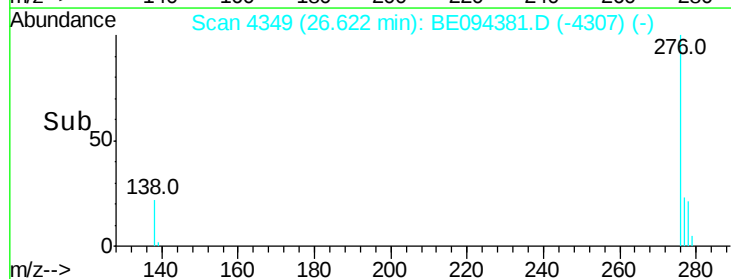
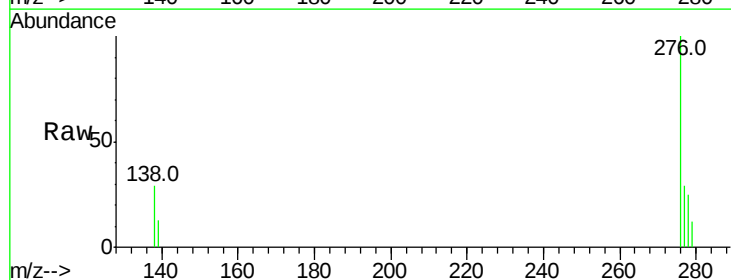
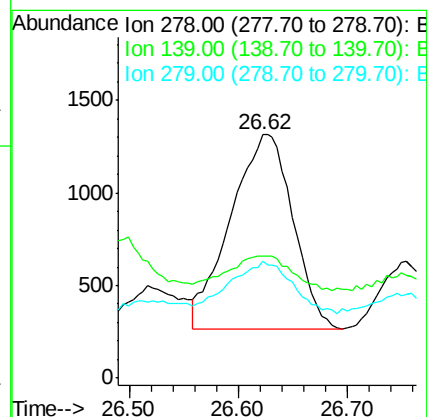
Tgt Ion:278 Resp: 4145

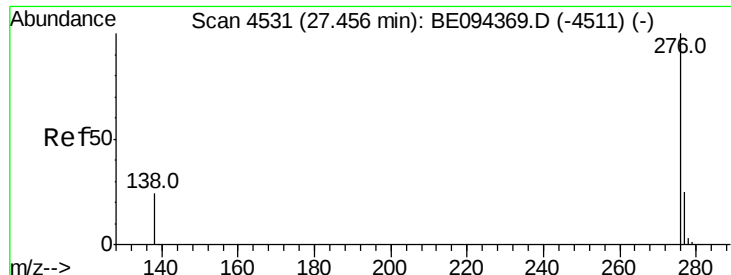
Ion Ratio Lower Upper

278 100

139 50.2 17.4 26.0#

279 47.8 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.431 ng/ul

RT: 27.46 min Scan# 4532

Delta R.T. -0.00 min

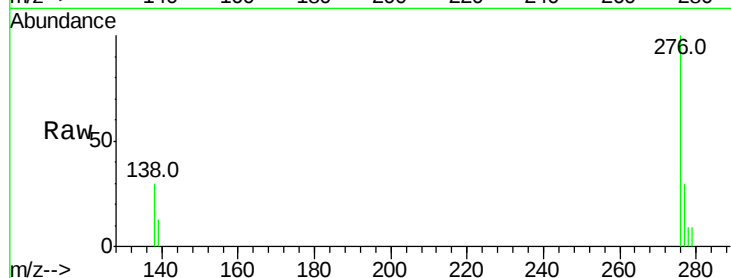
Lab File: BE094381.D

Acq: 15 Oct 2017 7:03

Instrument :

BNA_E

ClientSampleId :



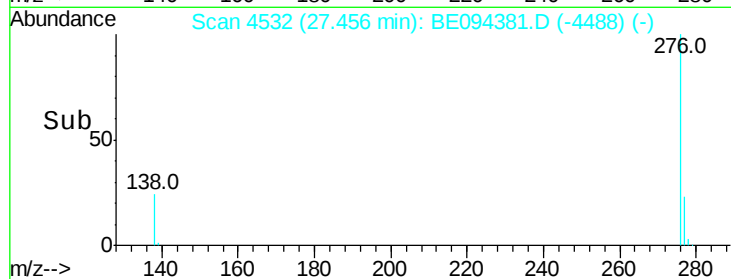
Tot Ion: 276 Resp: 13250

Ion Ratio Lower Upper

276 100

138 30.4 21.8 32.8

277 30.2 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

