

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094343.D
 Acq On : 14 Oct 2017 3:21
 Operator : SJ/JU
 Sample : I5649-08 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 04:03:48 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 03:57:24 2017
 Response via : Initial Calibration

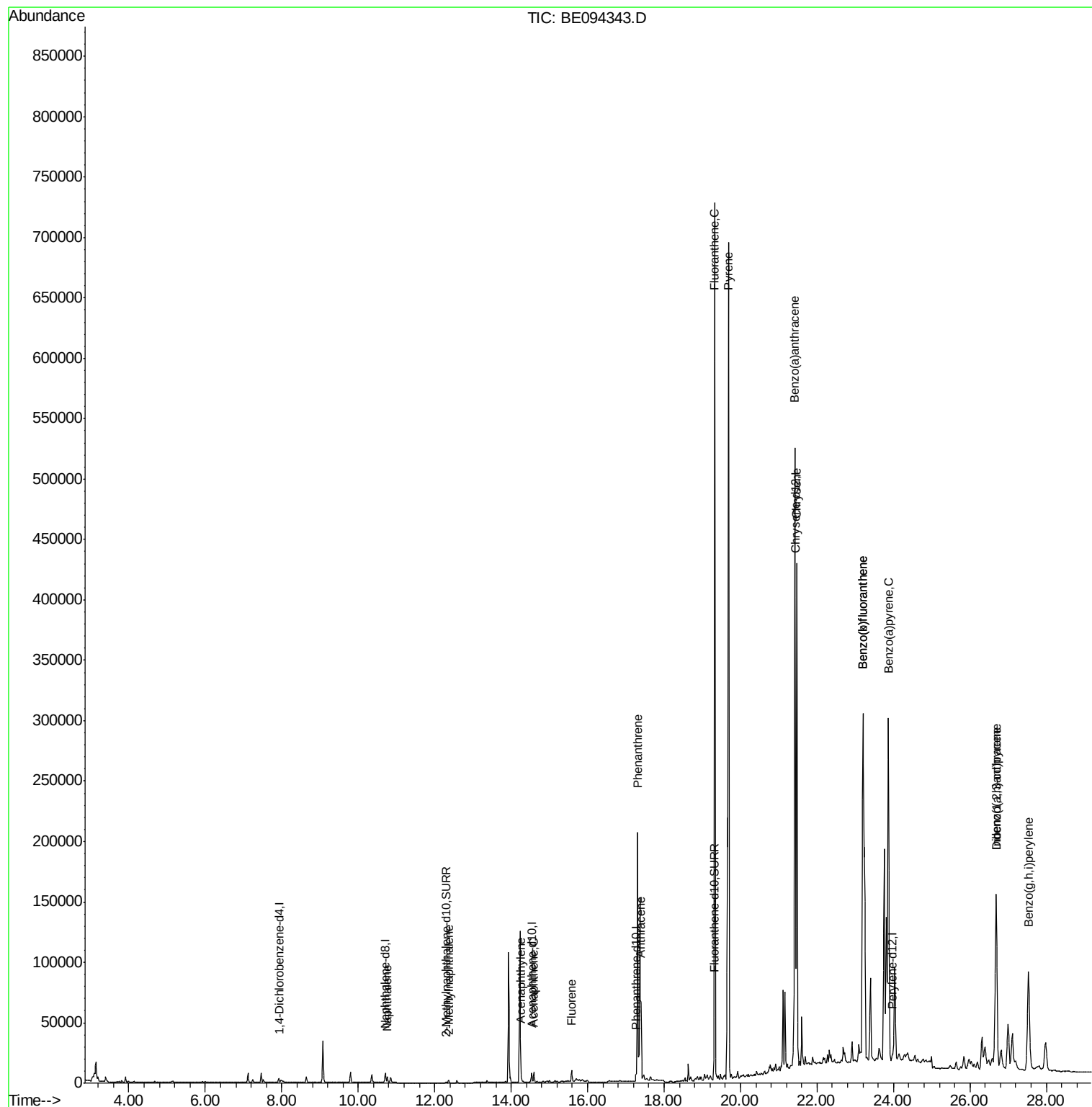
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1637	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8308	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4612	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9854	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9412	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	9992	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1026	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	2273	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	7857	0.386	ng/ul#	93
5) 2-Methylnaphthalene	12.37	142	2072	0.157	ng/ul	99
7) Acenaphthylene	14.26	152	7105	0.395	ng/ul	99
8) Acenaphthene	14.60	153	5209	0.352	ng/ul	99
9) Fluorene	15.58	166	6498	0.375	ng/ul	96
12) Phenanthrene	17.31	178	231421	8.987	ng/ul#	92
13) Anthracene	17.40	178	74132	2.960	ng/ul#	91
15) Fluoranthene	19.33	202	814765	24.081	ng/ul	84
17) Pyrene	19.69	202	759321	28.996	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	512764	20.536	ng/ul#	88
19) Chrysene	21.47	228	430074	14.915	ng/ul	98
21) Benzo(b)fluoranthene	23.20	252	766804	28.250	ng/ul	88
22) Benzo(k)fluoranthene	23.20	252	767370	24.458	ng/ul#	90
23) Benzo(a)pyrene	23.87	252	445028	15.778	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.69	276	269304	9.334	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.68	278	72226	2.984	ng/ul#	90
26) Benzo(a,h,i)perylene	27.53	276	210434	8.455	ng/ul	98

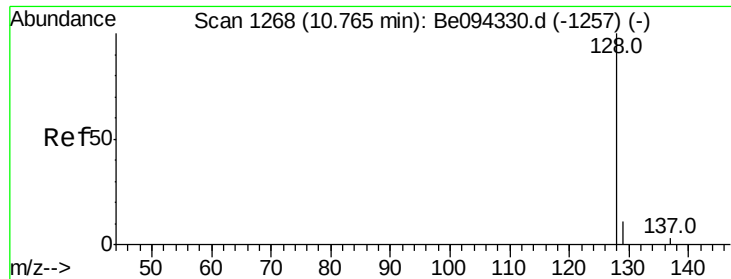
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094343.D
Acq On : 14 Oct 2017 3:21
Operator : SJ/JU
Sample : I5649-08 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 14 04:03:48 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 03:57:24 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.386 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BE094343.D

Acq: 14 Oct 2017 3:21

Instrument :

BNA_E

ClientSampleId :

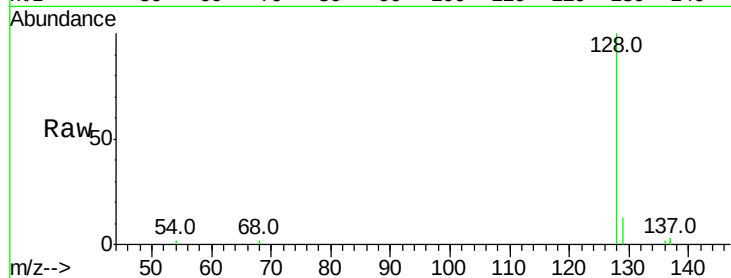
Tot Ion:128 Resp: 7857

Ion Ratio Lower Upper

128 100

129 12.5 11.3 16.9

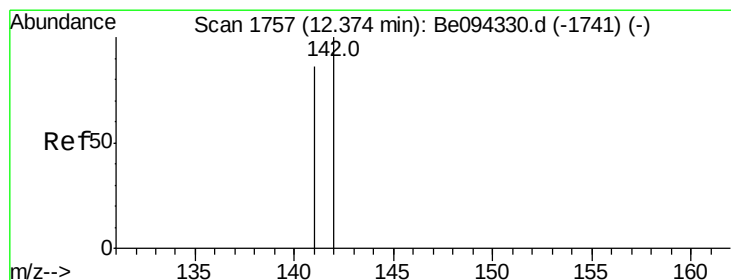
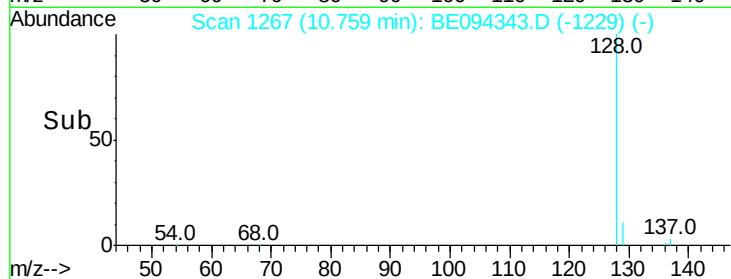
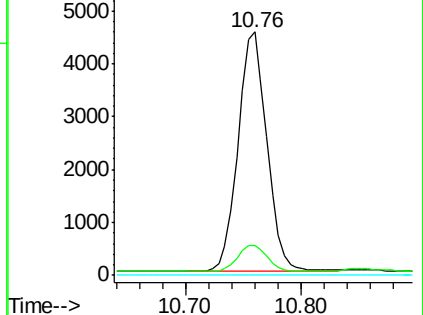
127 0.0 4.0 6.0#



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: 0.157 ng/ul

RT: 12.37 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BE094343.D

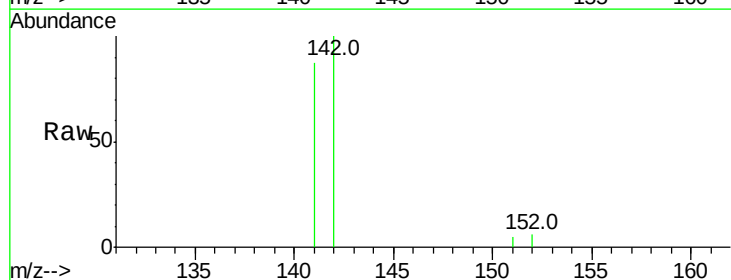
Acq: 14 Oct 2017 3:21

Tgt Ion:142 Resp: 2072

Ion Ratio Lower Upper

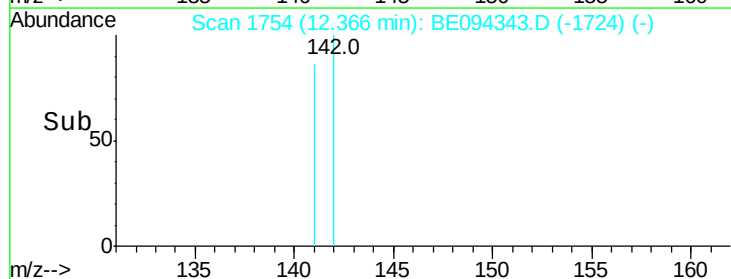
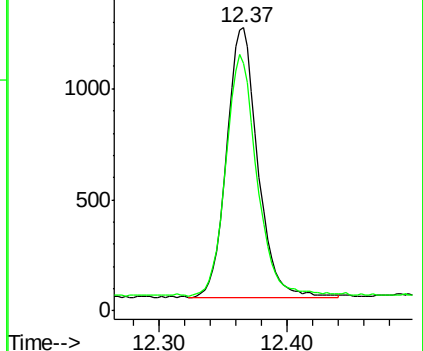
142 100

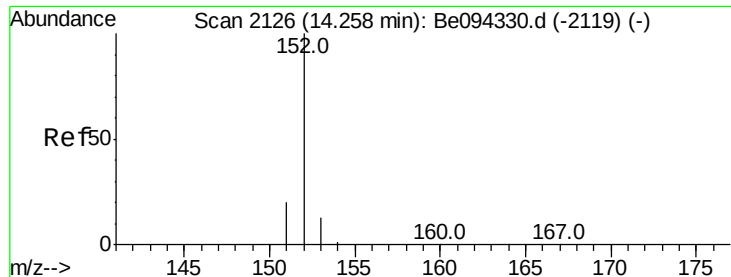
141 89.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.395 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BE094343.D

Acq: 14 Oct 2017 3:21

Instrument :

BNA_E

ClientSampleId :

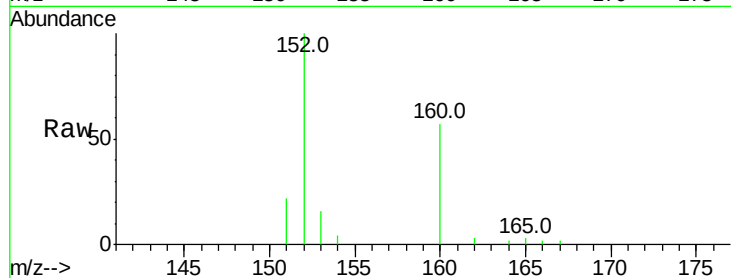
Tot Ion:152 Resp: 7105

Ion Ratio Lower Upper

152 100

151 21.8 17.1 25.7

153 16.2 12.8 19.2



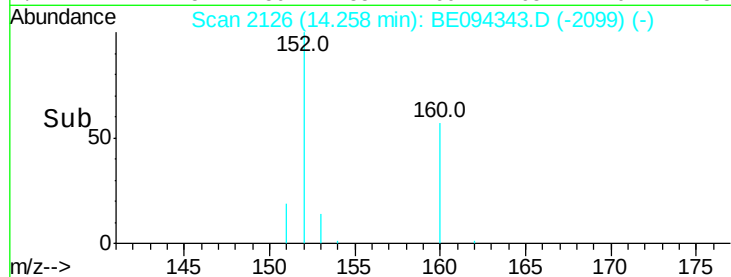
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

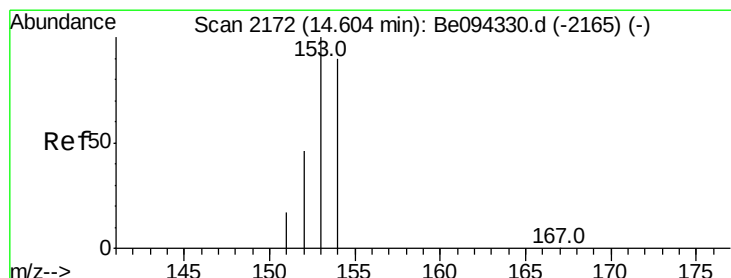
14.26

Time-->



14.26

Time-->



#8

Acenaphthene

Concen: 0.352 ng/ul

RT: 14.60 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BE094343.D

Acq: 14 Oct 2017 3:21

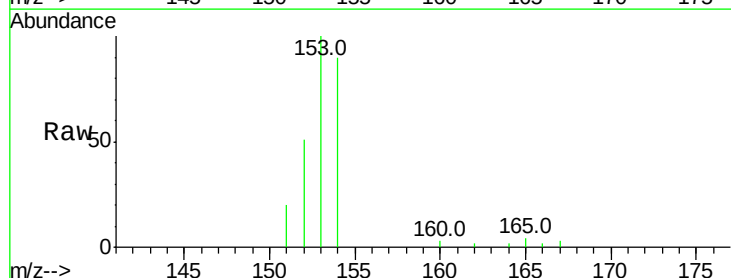
Tgt Ion:153 Resp: 5209

Ion Ratio Lower Upper

153 100

152 50.5 40.3 60.5

154 90.1 71.4 107.2



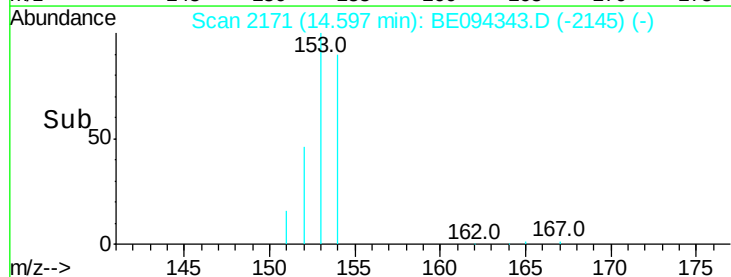
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

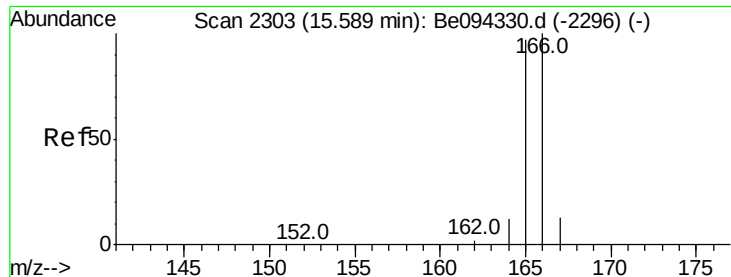
14.60

Time-->



14.60

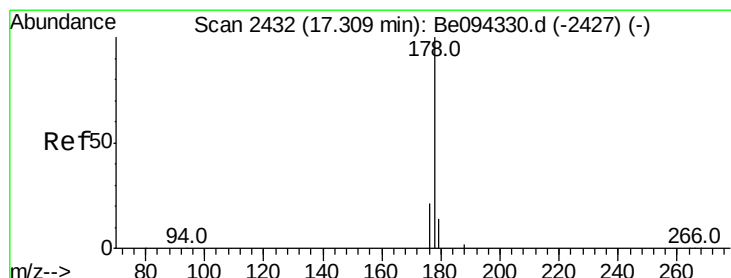
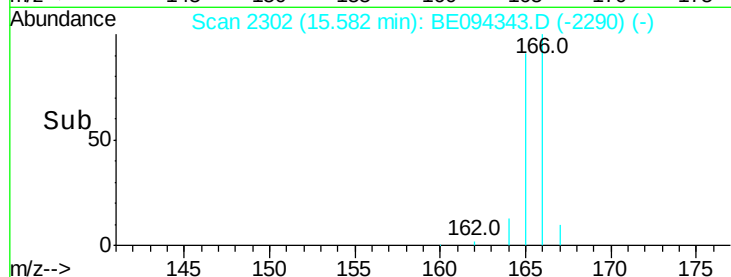
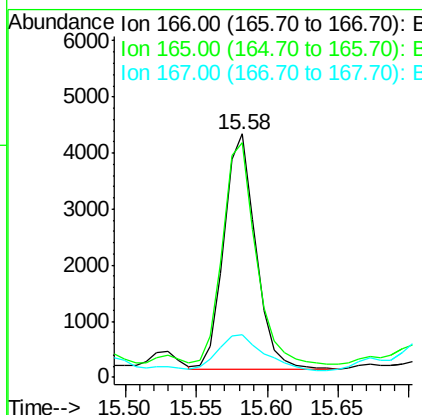
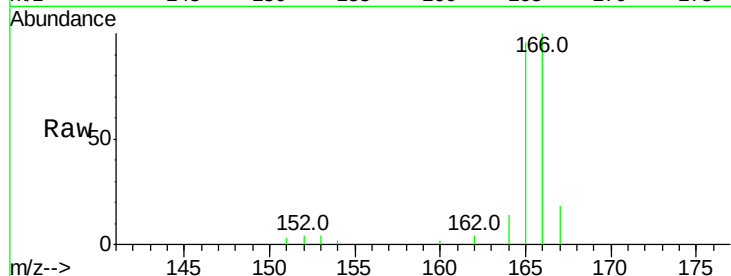
Time-->



#9
Fluorene
 Concen: 0.375 ng/ul
 RT: 15.58 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BE094343.D
 Acq: 14 Oct 2017 3:21

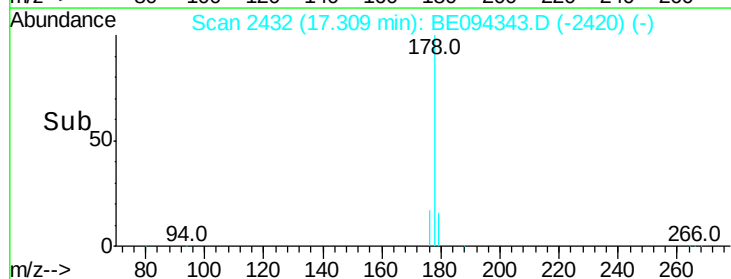
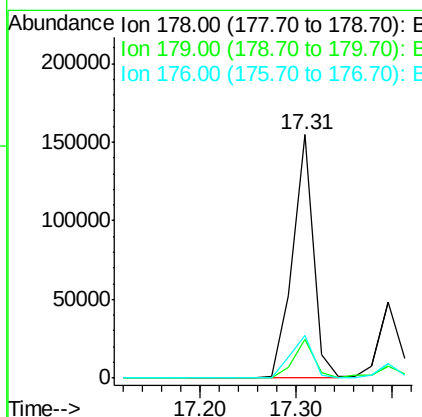
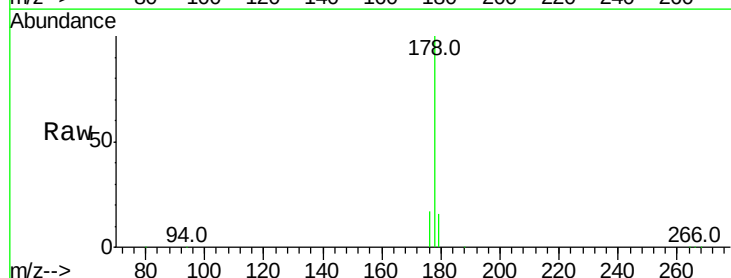
Instrument :
 BNA_E
 ClientSampleId :

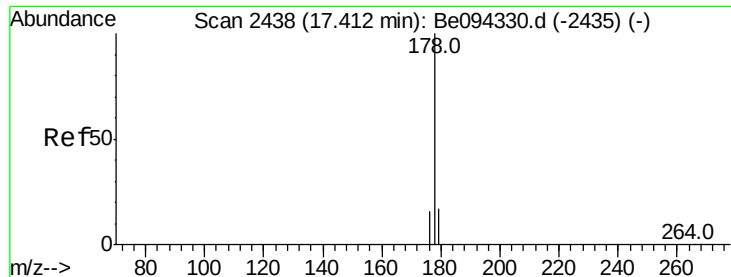
Tot Ion:166 Resp: 6498
 Ion Ratio Lower Upper
 166 100
 165 96.2 73.4 110.2
 167 17.7 14.6 22.0



#12
Phenanthrene
 Concen: 8.987 ng/ul
 RT: 17.31 min Scan# 2432
 Delta R.T. 0.00 min
 Lab File: BE094343.D
 Acq: 14 Oct 2017 3:21

Tgt Ion:178 Resp: 231421
 Ion Ratio Lower Upper
 178 100
 179 16.2 18.4 27.6#
 176 17.4 13.6 20.4





#13

Anthracene

Concen: 2.960 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. -0.02 min

Lab File: BE094343.D

Acq: 14 Oct 2017 3:21

Instrument :

BNA_E

ClientSampleId :

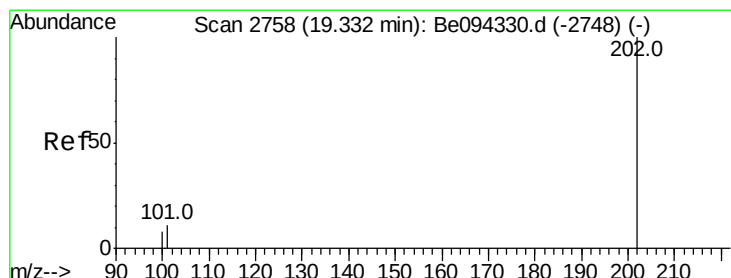
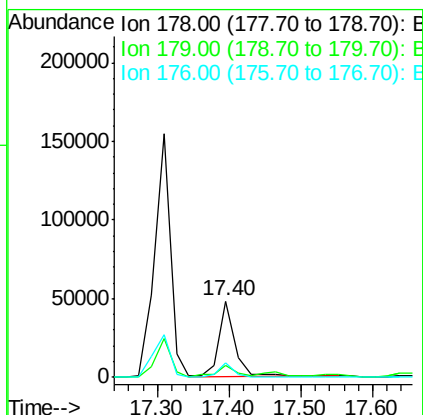
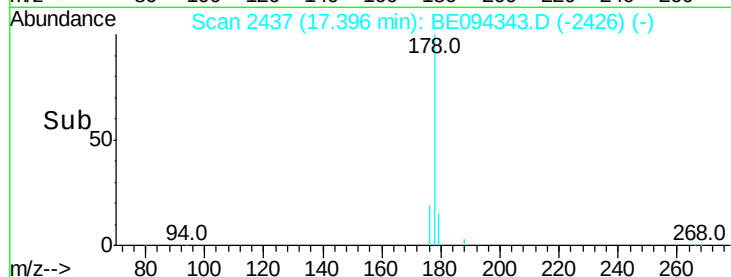
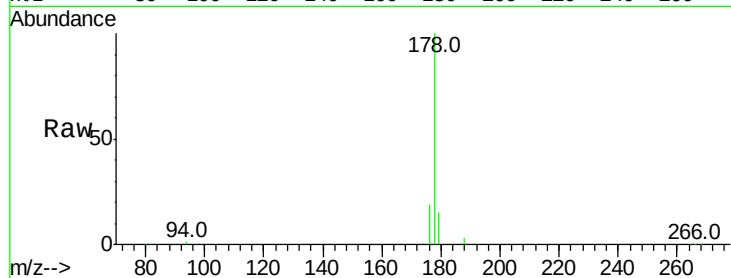
Tot Ion:178 Resp: 74132

Ion Ratio Lower Upper

178 100

179 15.3 18.1 27.1#

176 19.0 14.7 22.1



#15

Fluoranthene

Concen: 24.081 ng/ul

RT: 19.33 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BE094343.D

Acq: 14 Oct 2017 3:21

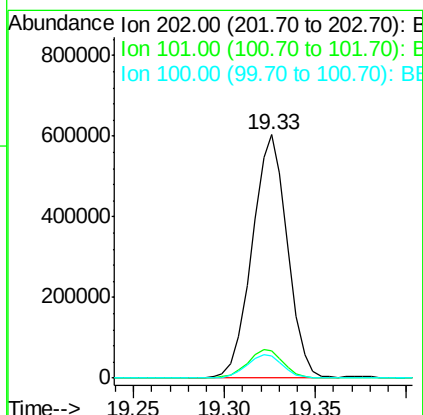
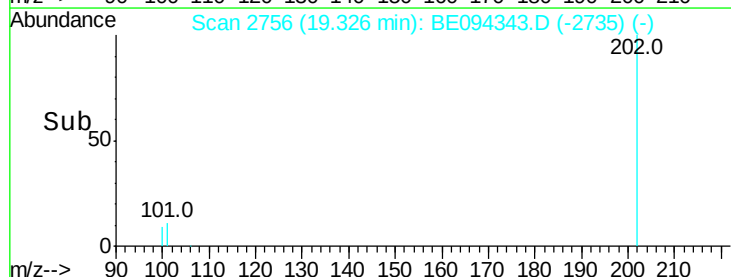
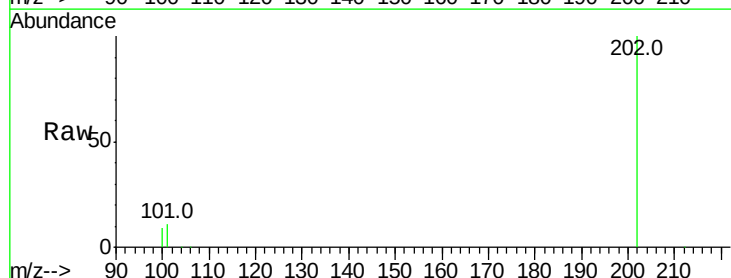
Tgt Ion:202 Resp: 814765

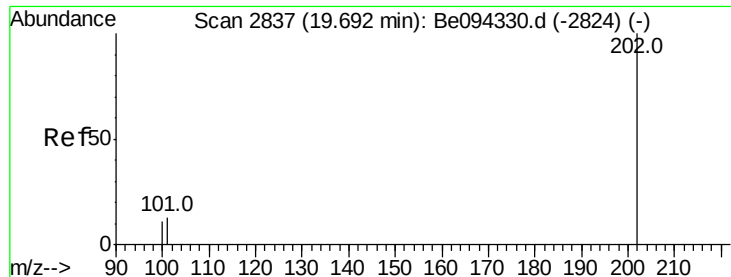
Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

100 9.1 0.0 39.5





#17

Pvrene

Concen: 28.996 ng/ul

RT: 19.69 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BE094343.D

Acq: 14 Oct 2017 3:21

Instrument :

BNA_E

ClientSampleId :

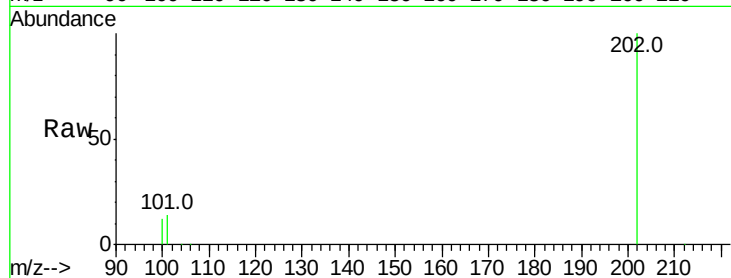
Tot Ion:202 Resp: 759321

Ion Ratio Lower Upper

202 100

101 14.2 18.2 27.4#

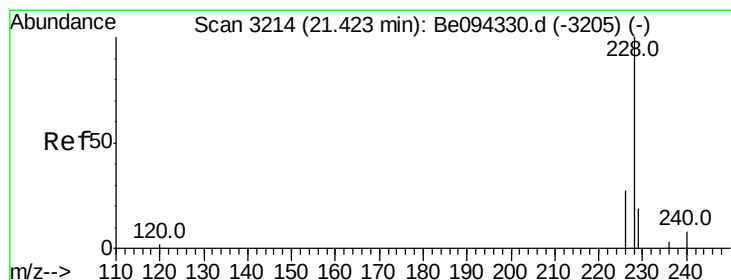
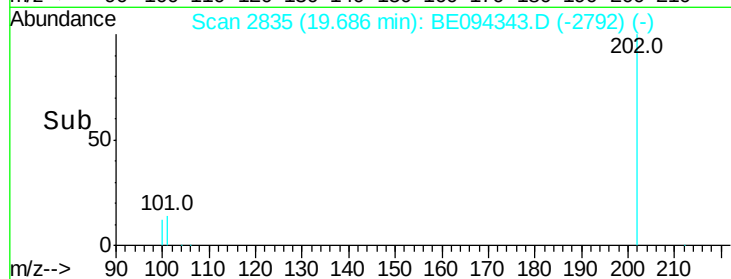
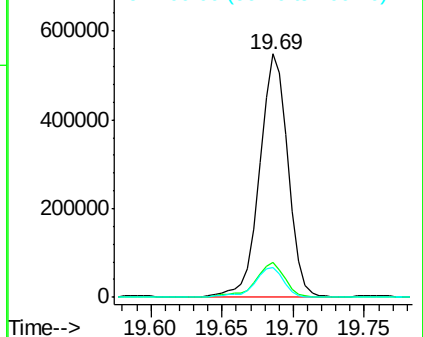
100 12.1 15.6 23.4#



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: 20.536 ng/ul

RT: 21.42 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BE094343.D

Acq: 14 Oct 2017 3:21

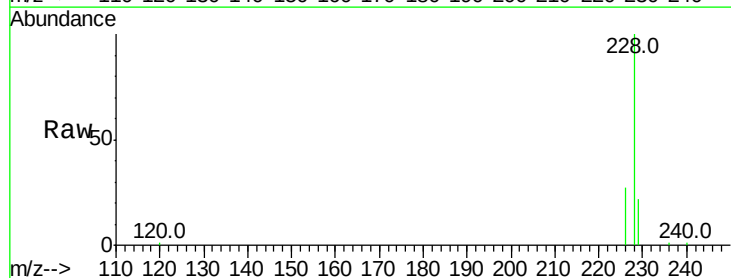
Tgt Ion:228 Resp: 512764

Ion Ratio Lower Upper

228 100

229 21.7 22.8 34.2#

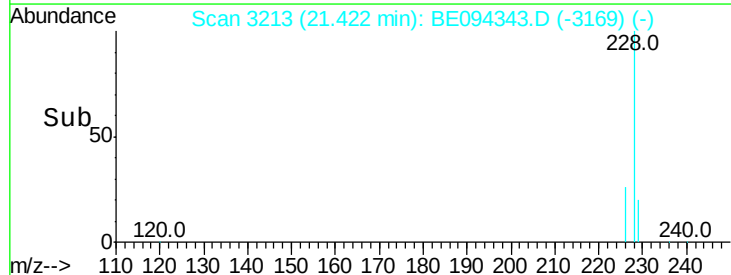
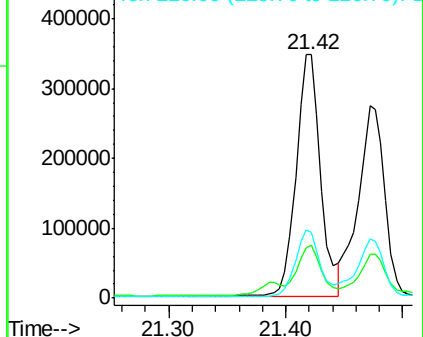
226 26.8 17.0 25.6#

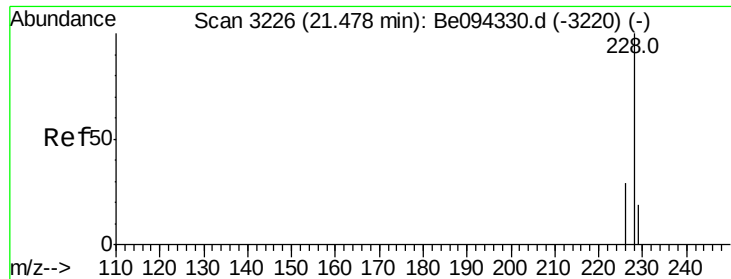


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 14.915 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BE094343.D

Acq: 14 Oct 2017 3:21

Instrument :

BNA_E

ClientSampleId :

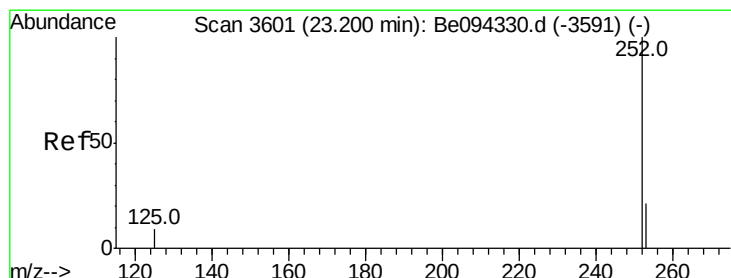
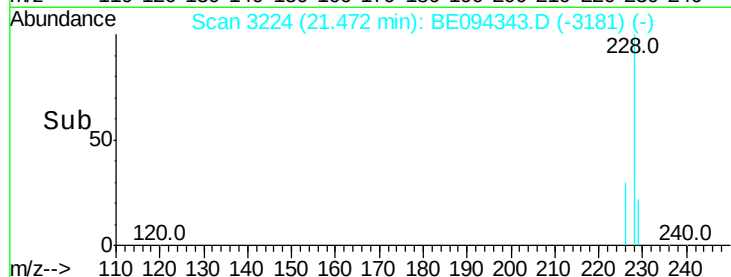
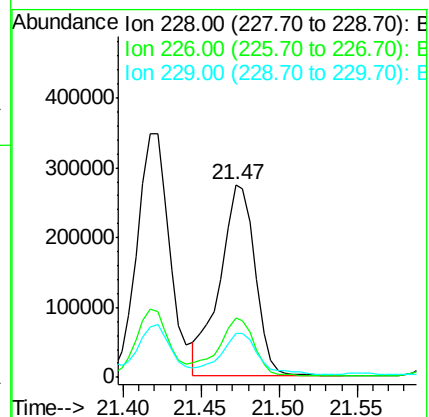
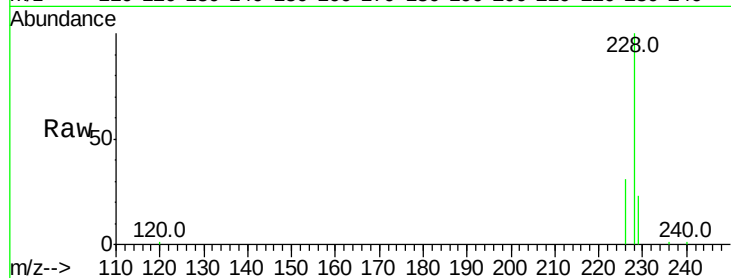
Tot Ion:228 Resp: 430074

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.0

229 22.6 17.7 26.5



#21

Benzo(b)fluoranthene

Concen: 28.250 ng/ul

RT: 23.20 min Scan# 3601

Delta R.T. 0.00 min

Lab File: BE094343.D

Acq: 14 Oct 2017 3:21

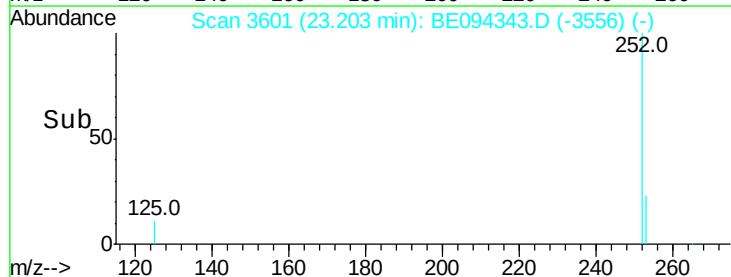
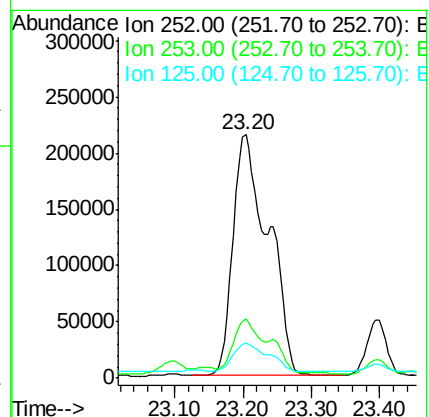
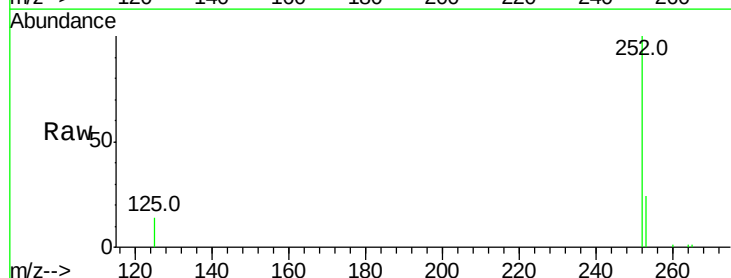
Tgt Ion:252 Resp: 766804

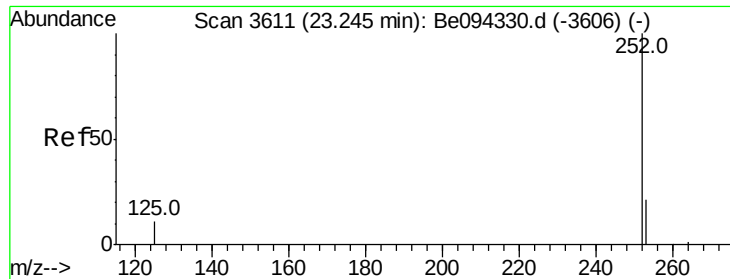
Ion Ratio Lower Upper

252 100

253 24.2 0.0 64.2

125 14.2 0.0 35.0

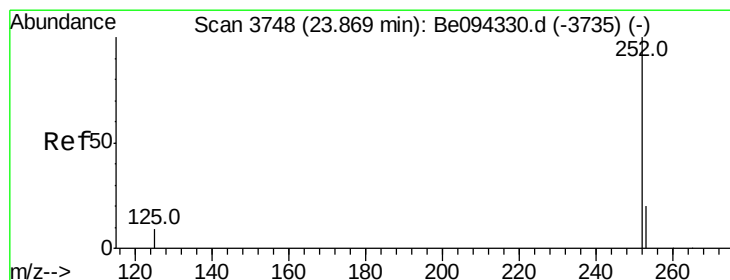
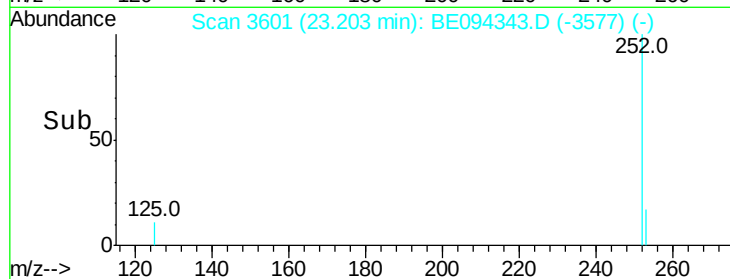
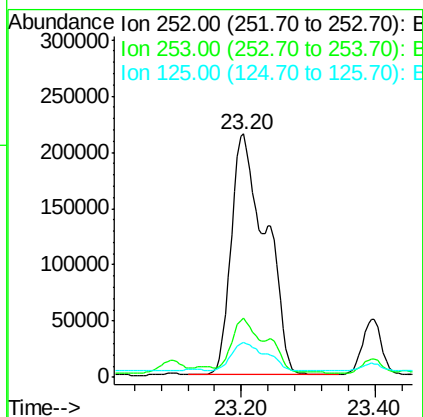
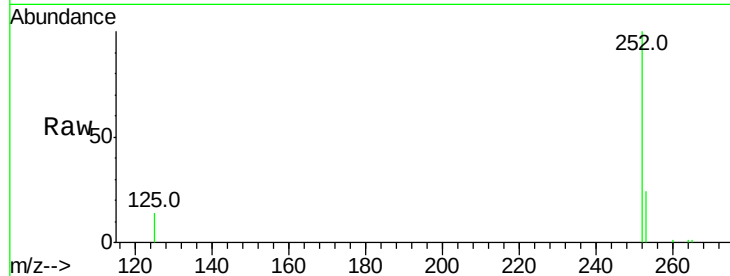




#22
Benzo(k)fluoranthene
Concen: 24.458 ng/ul
RT: 23.20 min Scan# 3601
Delta R.T. -0.04 min
Lab File: BE094343.D
Acq: 14 Oct 2017 3:21

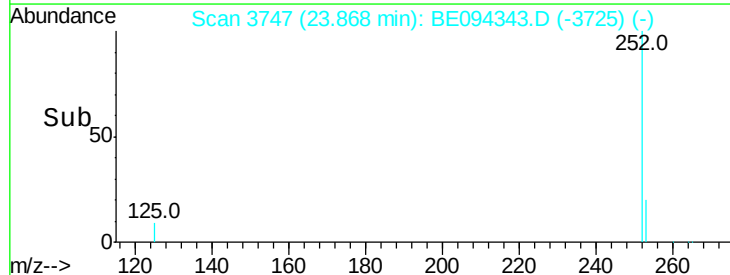
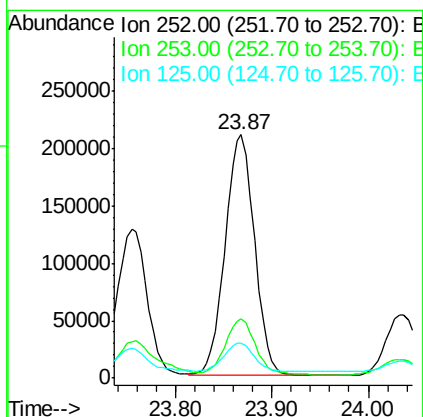
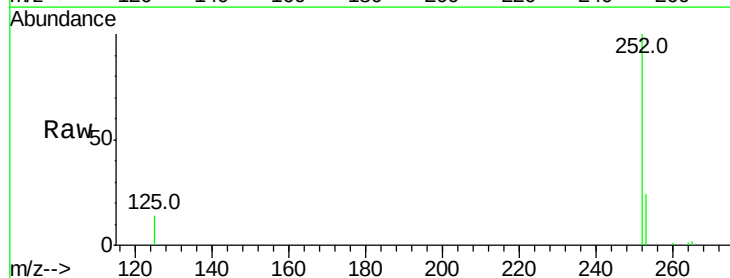
Instrument :
BNA_E
ClientSampleId :

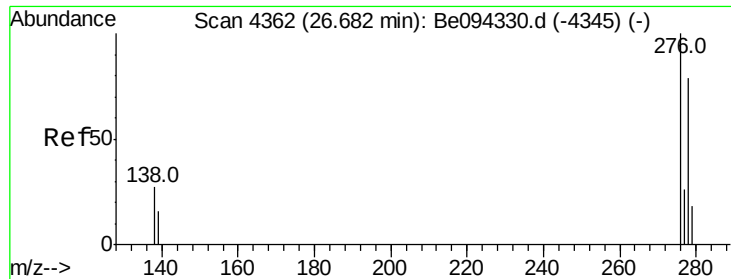
Tot Ion:252 Resp: 767370
Ion Ratio Lower Upper
252 100
253 24.2 24.5 36.7#
125 14.2 13.7 20.5



#23
Benzo(a)pyrene
Concen: 15.778 ng/ul
RT: 23.87 min Scan# 3747
Delta R.T. -0.00 min
Lab File: BE094343.D
Acq: 14 Oct 2017 3:21

Tgt Ion:252 Resp: 445028
Ion Ratio Lower Upper
252 100
253 24.2 28.5 42.7#
125 14.5 18.1 27.1#



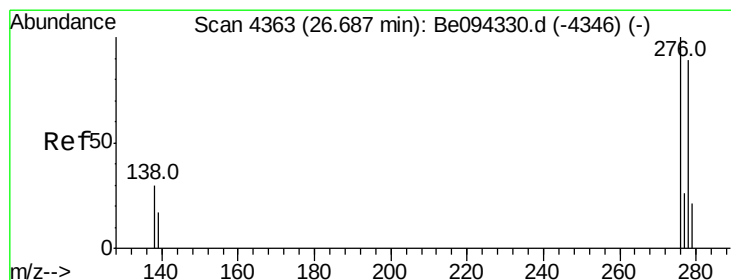
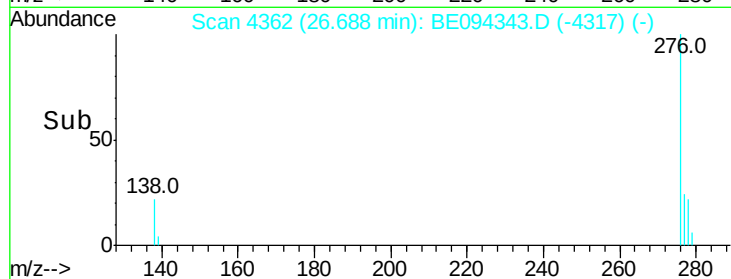
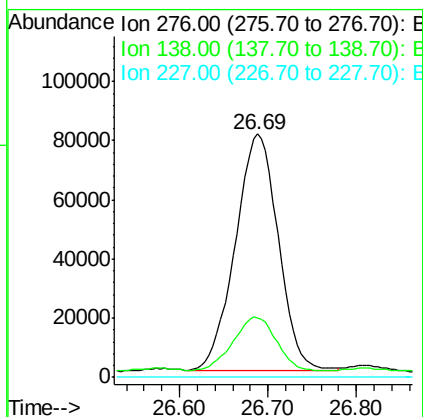
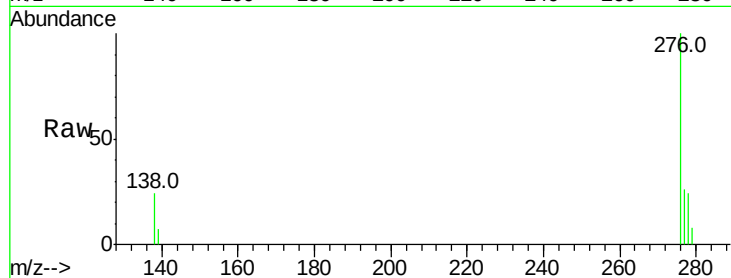


#24

Indeno(1,2,3-cd)pyrene
Concen: 9.334 ng/ul
RT: 26.69 min Scan# 4362
Delta R.T. 0.01 min
Lab File: BE094343.D
Acq: 14 Oct 2017 3:21

Instrument :
BNA_E
ClientSampleId :

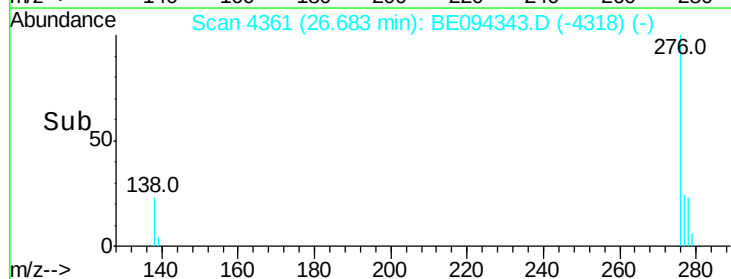
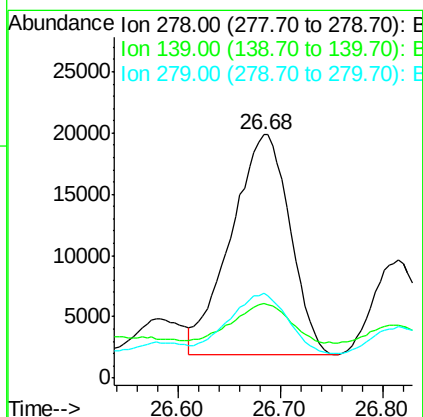
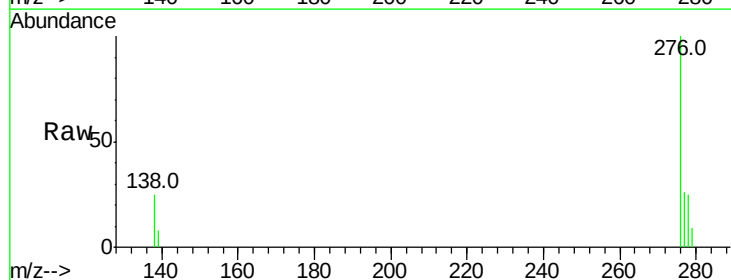
Tot Ion:276 Resp: 269304
Ion Ratio Lower Upper
276 100
138 22.9 28.0 42.0#
227 0.0 8.0 12.0#

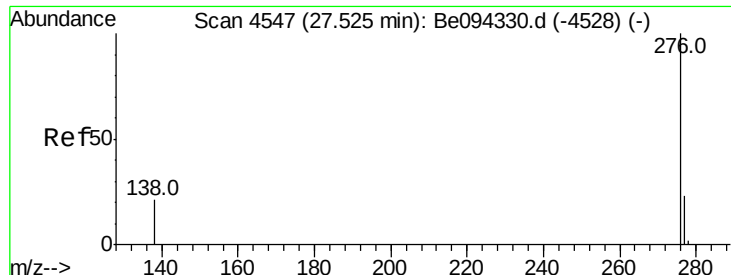


#25

Dibenzo(a,h)anthracene
Concen: 2.984 ng/ul
RT: 26.68 min Scan# 4361
Delta R.T. -0.00 min
Lab File: BE094343.D
Acq: 14 Oct 2017 3:21

Tgt Ion:278 Resp: 72226
Ion Ratio Lower Upper
278 100
139 30.6 17.4 26.0#
279 34.9 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 8.455 ng/ul

RT: 27.53 min Scan# 4547

Delta R.T. 0.01 min

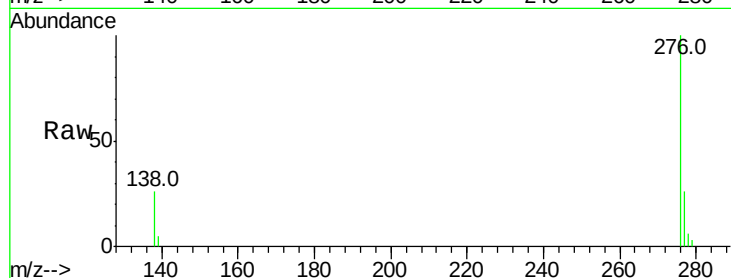
Lab File: BE094343.D

Acq: 14 Oct 2017 3:21

Instrument :

BNA_E

ClientSampleId :



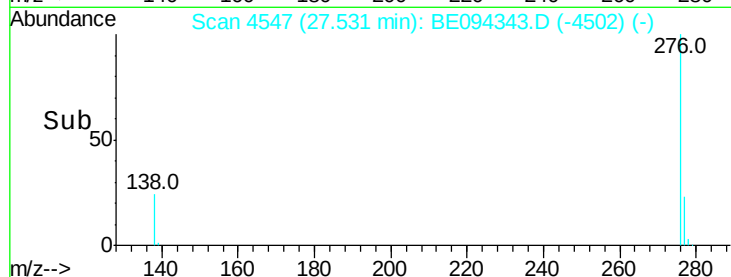
Tot Ion: 276 Resp: 210434

Ion Ratio Lower Upper

276 100

138 26.3 21.8 32.8

277 26.4 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

