

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
 Data File : BE094542.D
 Acq On : 25 Oct 2017 20:43
 Operator : SJ/JU
 Sample : I5693-03 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 26 11:59:06 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 18:44:03 2017
 Response via : Initial Calibration

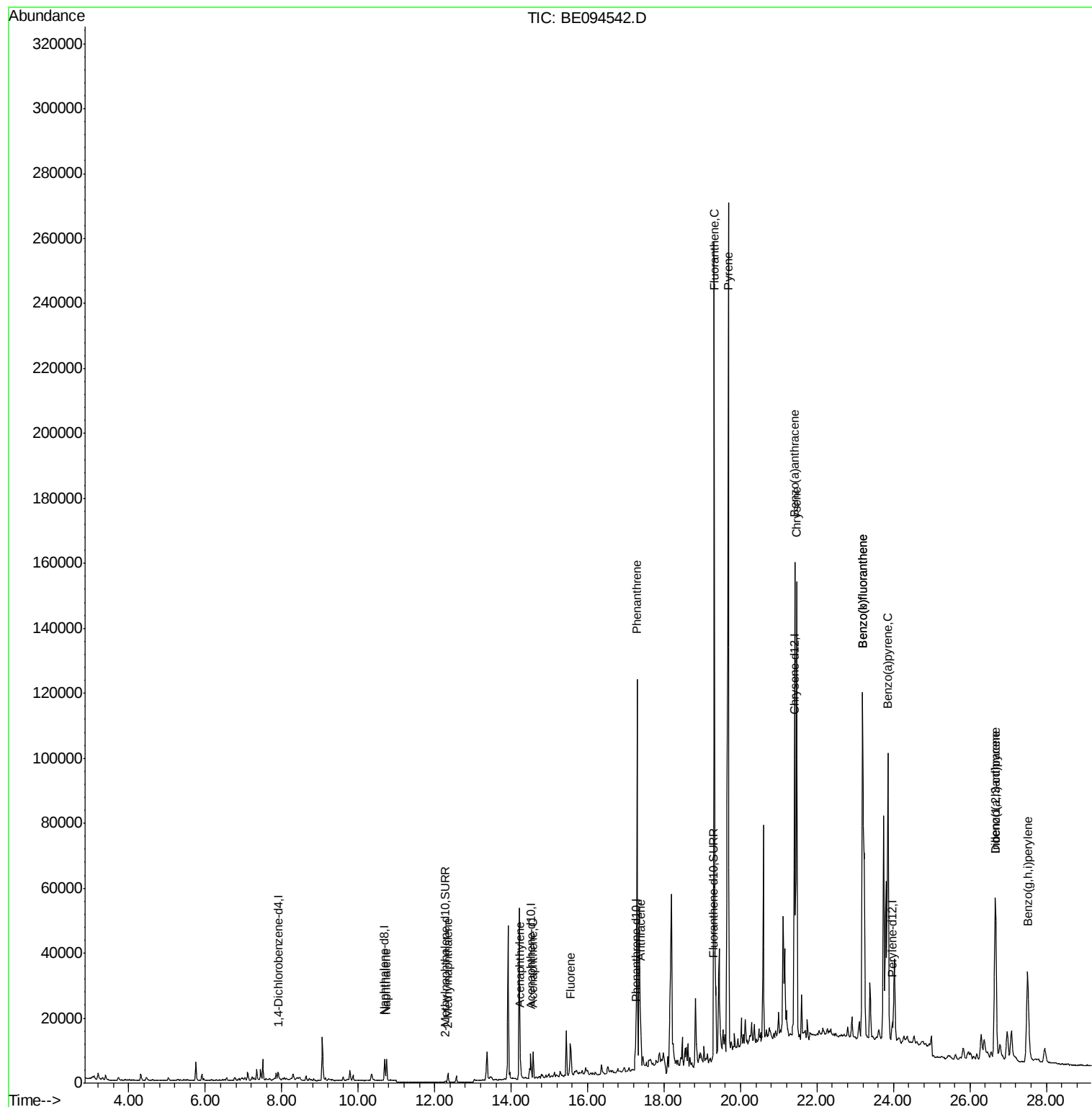
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1397	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7543	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4145	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9228	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9842	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	8806	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	478	0.04	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1342	0.05	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	10844	0.588	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	2602	0.202	ng/ul	99
7) Acenaphthylene	14.24	152	8237	0.439	ng/ul	98
8) Acenaphthene	14.57	153	4911	0.365	ng/ul	95
9) Fluorene	15.56	166	5450	0.360	ng/ul#	82
12) Phenanthrene	17.29	178	134153	5.504	ng/ul#	90
13) Anthracene	17.38	178	24226	1.007	ng/ul#	92
15) Fluoranthene	19.31	202	275821	9.788	ng/ul	84
17) Pyrene	19.68	202	287184	9.439	ng/ul#	79
18) Benzo(a)anthracene	21.41	228	139949	4.974	ng/ul#	89
19) Chrysene	21.47	228	150896	5.189	ng/ul	96
21) Benzo(b)fluoranthene	23.19	252	274600	11.086	ng/ul	90
22) Benzo(k)fluoranthene	23.19	252	274564	10.343	ng/ul#	92
23) Benzo(a)pyrene	23.85	252	145981	5.896	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.67	276	102213	3.989	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.66	278	22716	1.052	ng/ul#	74
26) Benzo(a,h,i)perylene	27.51	276	78095	3.796	ng/ul	96

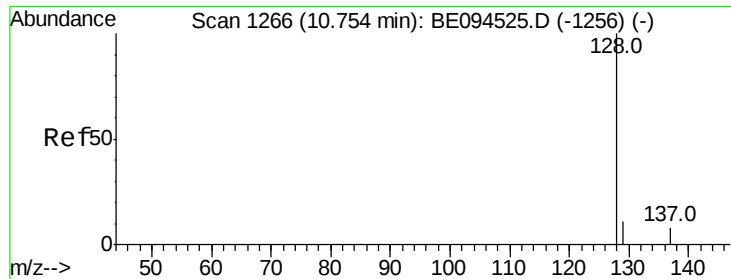
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
Data File : BE094542.D
Acq On : 25 Oct 2017 20:43
Operator : SJ/JU
Sample : I5693-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 26 11:59:06 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 18:44:03 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.588 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Instrument :

BNA_E

ClientSampleId :

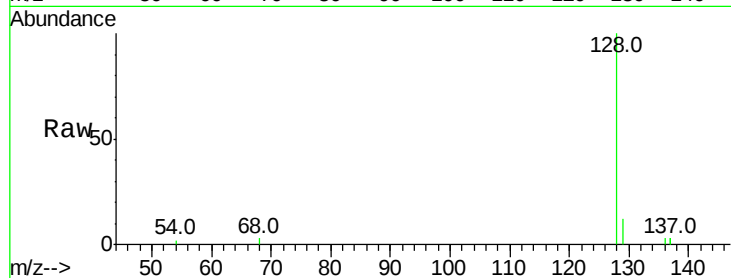
Tot Ion:128 Resp: 10844

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

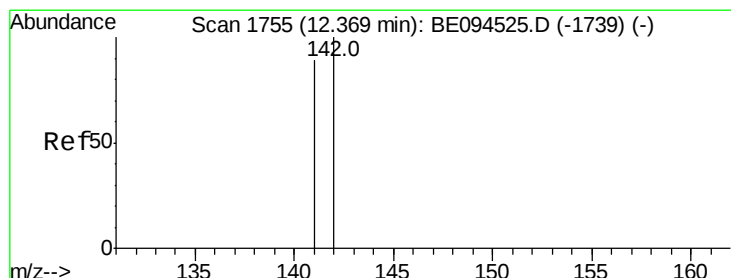
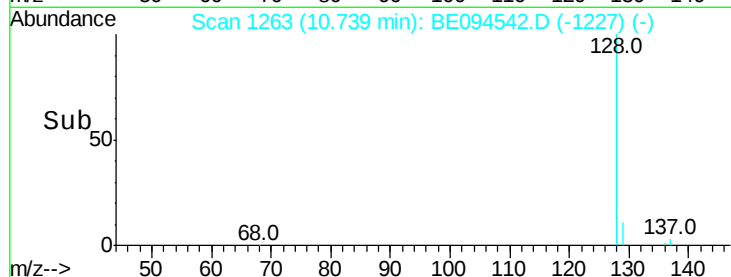
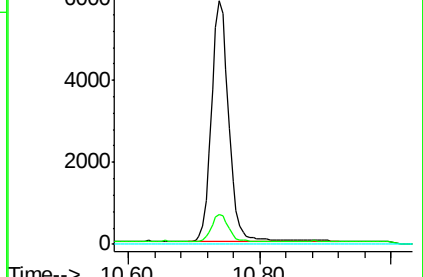
127 0.0 4.0 6.0#



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: 0.202 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BE094542.D

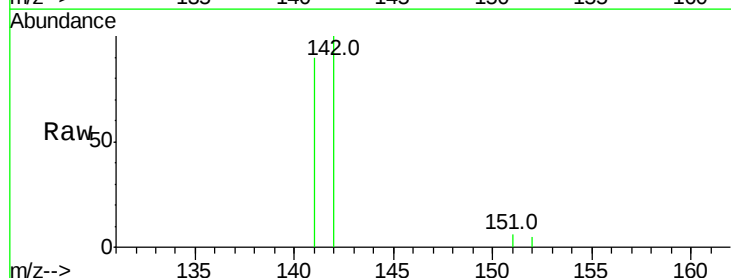
Acq: 25 Oct 2017 20:43

Tgt Ion:142 Resp: 2602

Ion Ratio Lower Upper

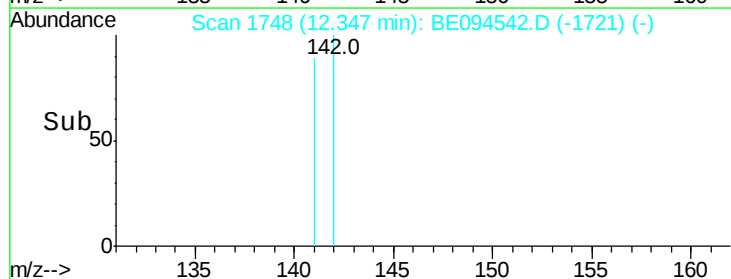
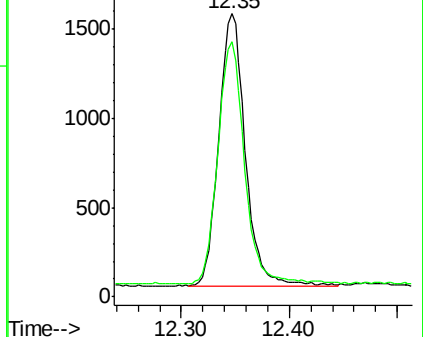
142 100

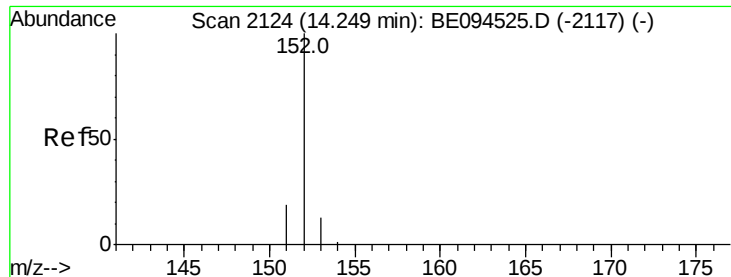
141 89.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.439 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Instrument :

BNA_E

ClientSampleId :

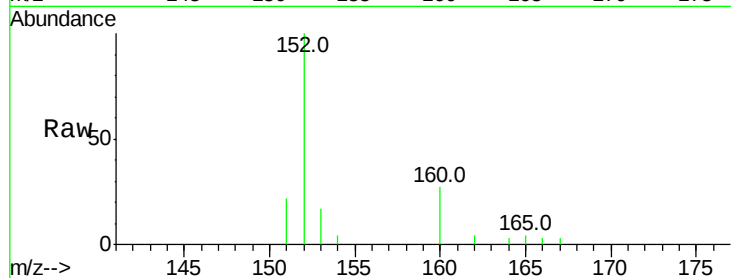
Tot Ion:152 Resp: 8237

Ion Ratio Lower Upper

152 100

151 22.1 17.1 25.7

153 16.8 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

4000

3000

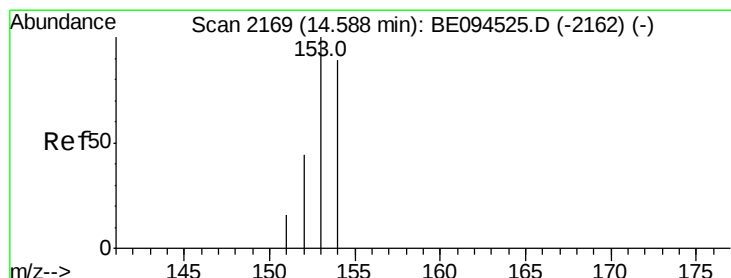
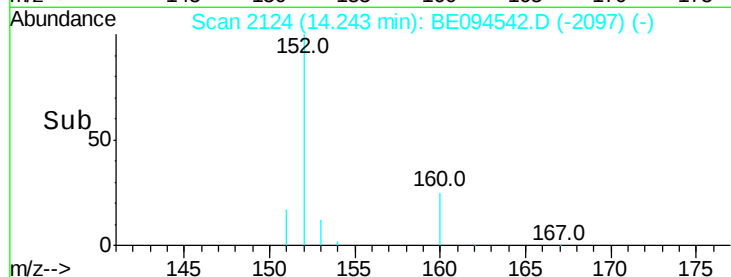
2000

1000

0

14.10 14.20 14.30 14.40

Time-->



#8

Acenaphthene

Concen: 0.365 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

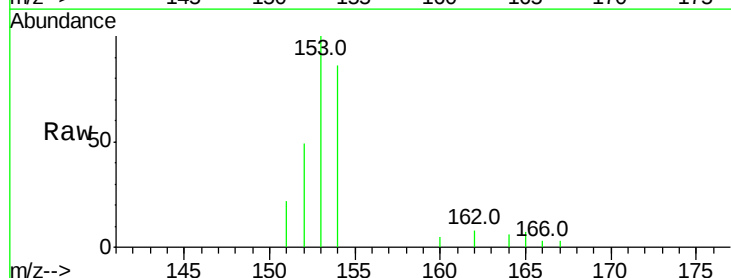
Tgt Ion:153 Resp: 4911

Ion Ratio Lower Upper

153 100

152 49.5 36.0 54.0

154 85.9 72.0 108.0



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

4000

3000

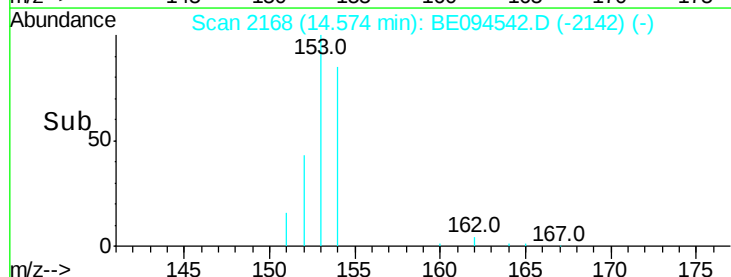
2000

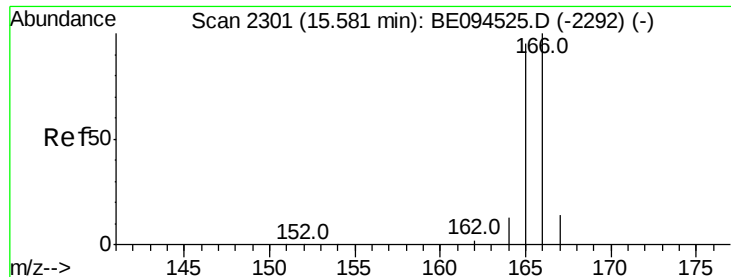
1000

0

14.50 14.55 14.60

Time-->





#9

Fluorene

Concen: 0.360 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Instrument :

BNA_E

ClientSampleId :

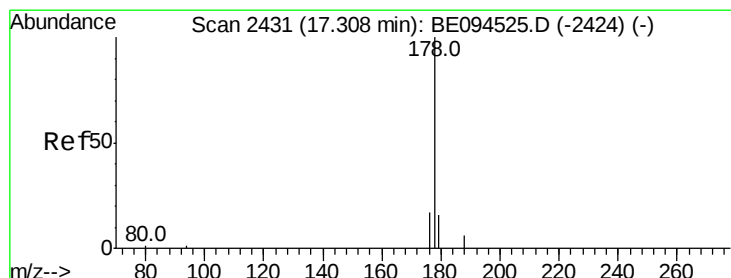
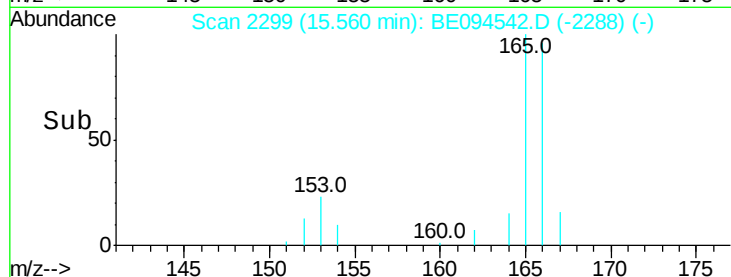
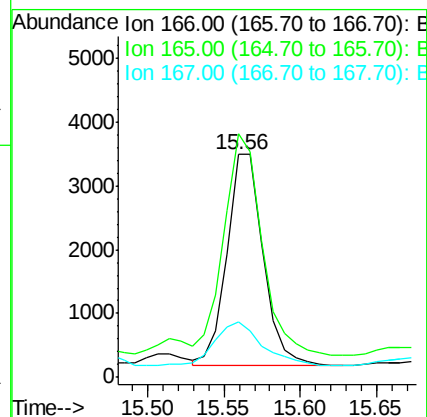
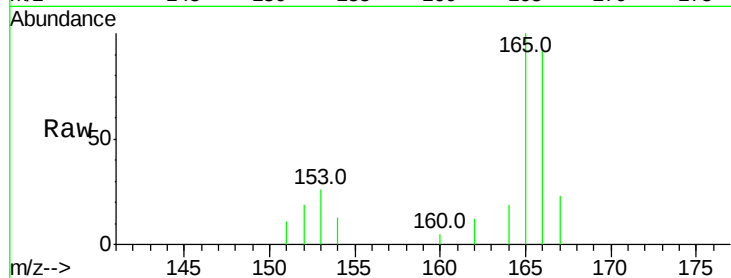
Tot Ion:166 Resp: 5450

Ion Ratio Lower Upper

166 100

165 109.2 73.4 110.2

167 25.1 14.6 22.0#



#12

Phenanthrene

Concen: 5.504 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

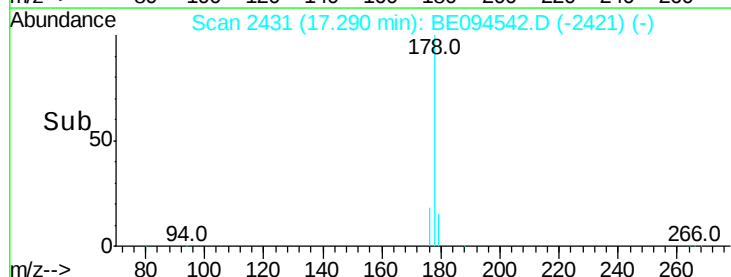
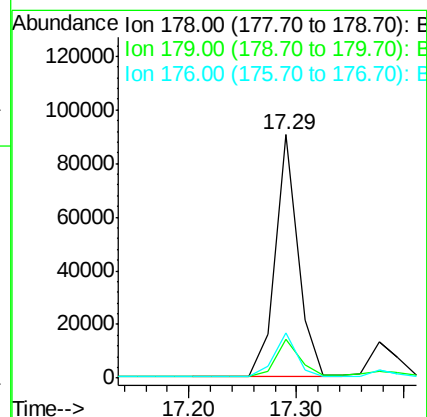
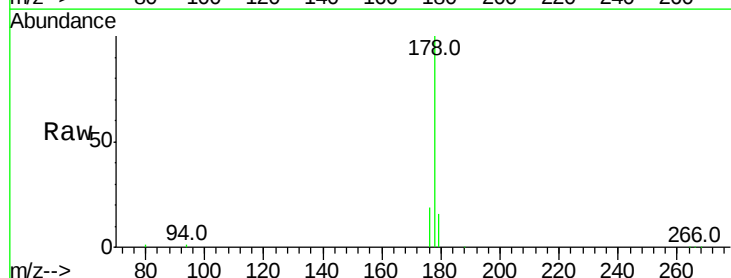
Tgt Ion:178 Resp: 134153

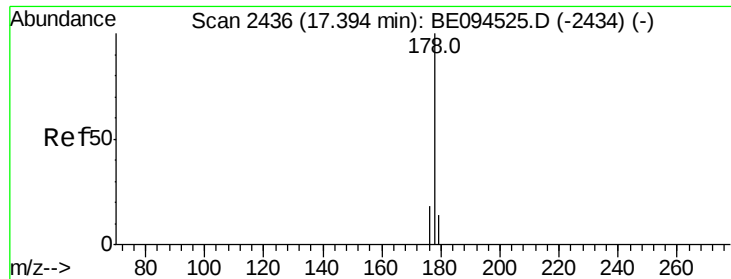
Ion Ratio Lower Upper

178 100

179 15.7 18.4 27.6#

176 18.6 13.6 20.4





#13

Anthracene

Concen: 1.007 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Instrument :

BNA_E

ClientSampleId :

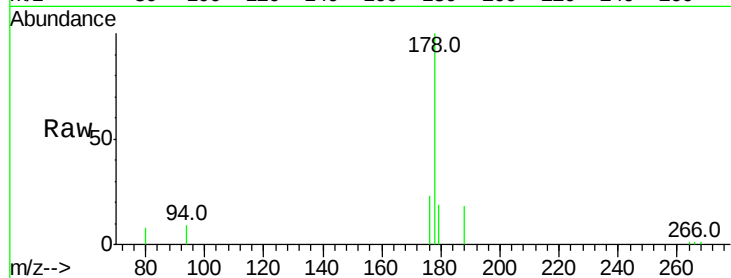
Tot Ion:178 Resp: 24226

Ion Ratio Lower Upper

178 100

179 19.4 18.1 27.1

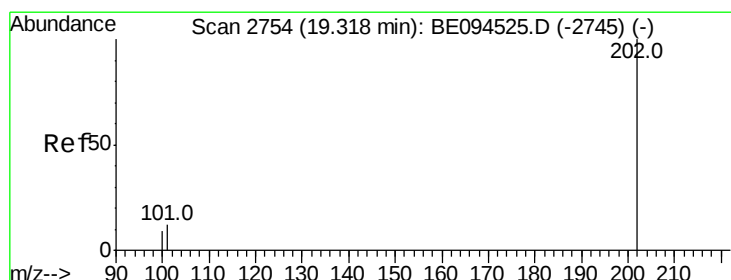
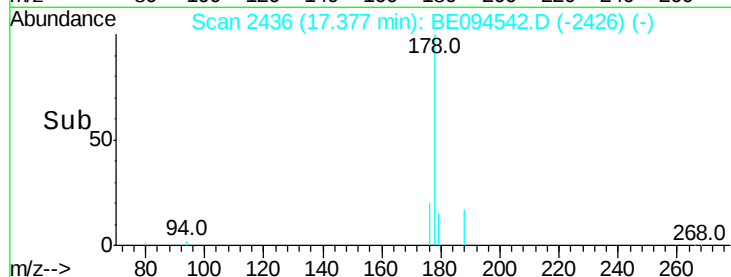
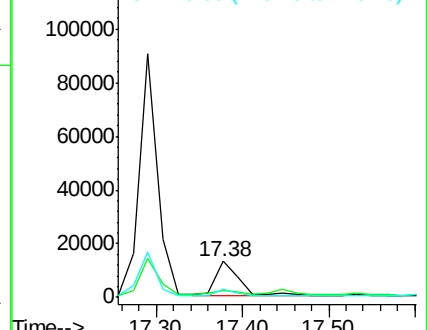
176 22.7 14.7 22.1#



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: 9.788 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

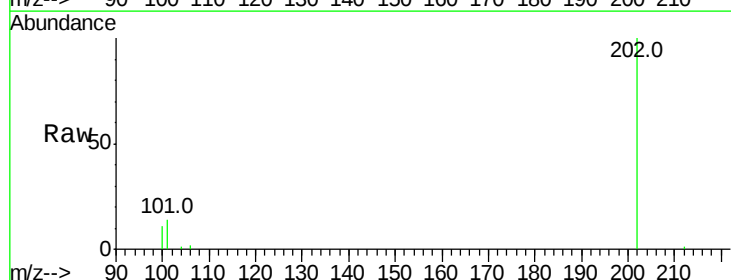
Tgt Ion:202 Resp: 275821

Ion Ratio Lower Upper

202 100

101 14.0 0.0 30.3

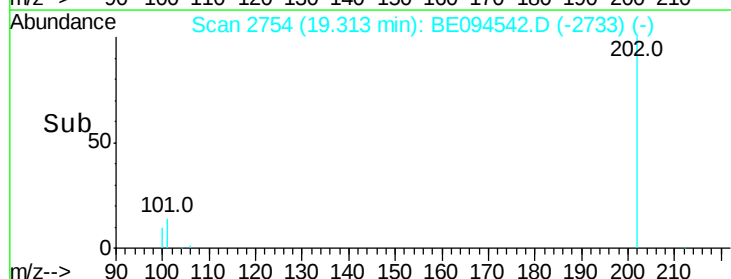
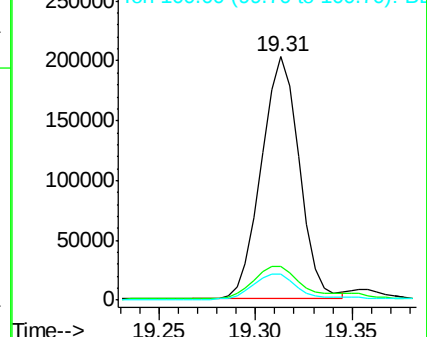
100 10.5 0.0 39.5

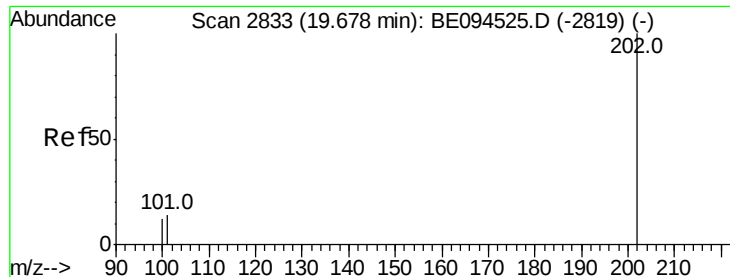


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

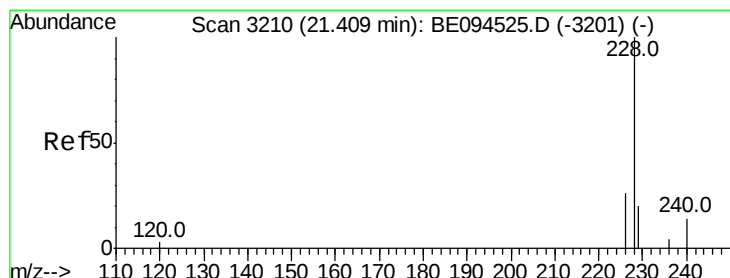
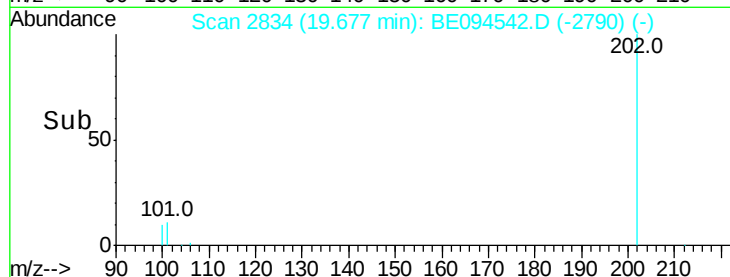
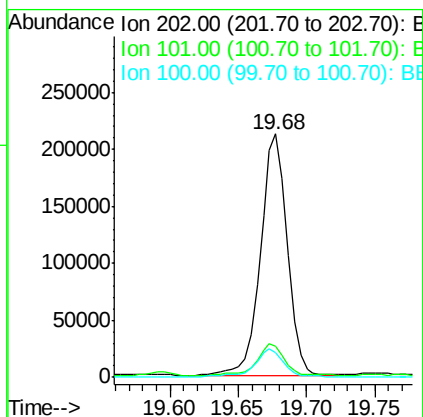
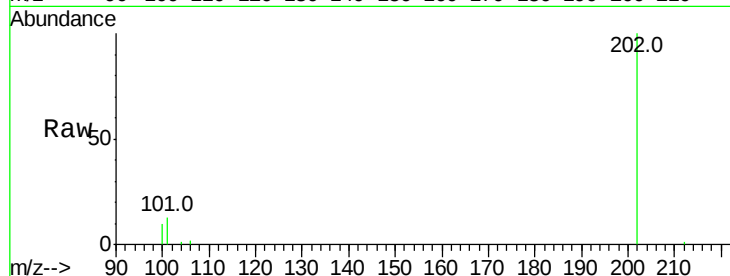




#17
Pvrene
Concen: 9.439 ng/ul
RT: 19.68 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BE094542.D
Acq: 25 Oct 2017 20:43

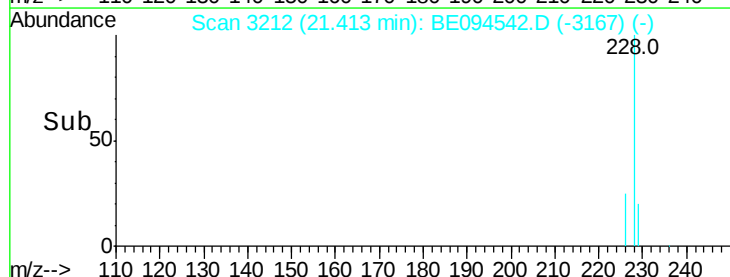
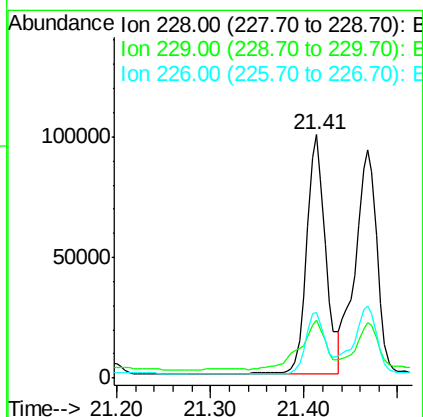
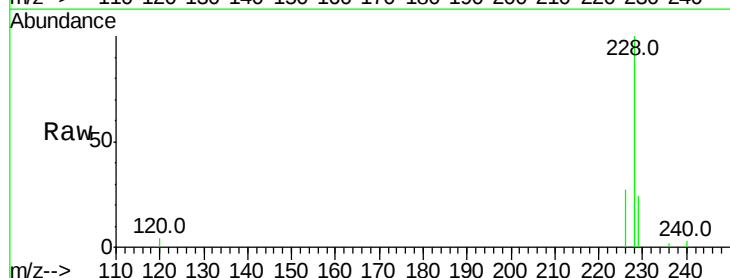
Instrument :
BNA_E
ClientSampleId :

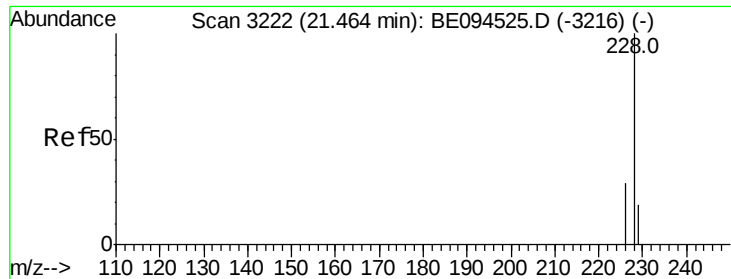
Tot Ion:202 Resp: 287184
Ion Ratio Lower Upper
202 100
101 12.5 18.2 27.4#
100 10.3 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 4.974 ng/ul
RT: 21.41 min Scan# 3212
Delta R.T. 0.00 min
Lab File: BE094542.D
Acq: 25 Oct 2017 20:43

Tgt Ion:228 Resp: 139949
Ion Ratio Lower Upper
228 100
229 23.6 22.8 34.2
226 27.1 17.0 25.6#





#19

Chrysene

Concen: 5.189 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Instrument :

BNA_E

ClientSampleId :

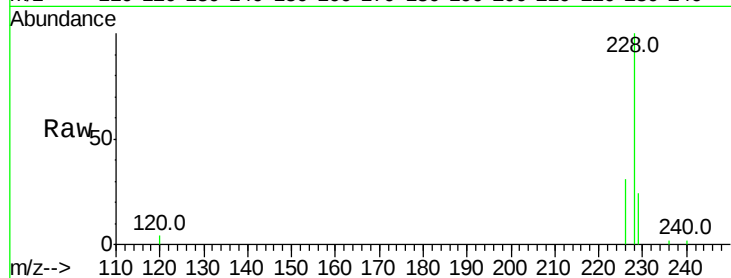
Tot Ion:228 Resp: 150896

Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.0

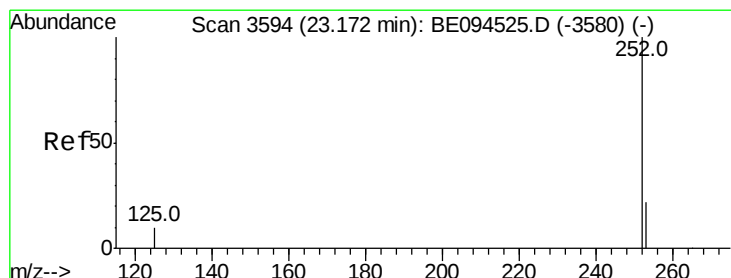
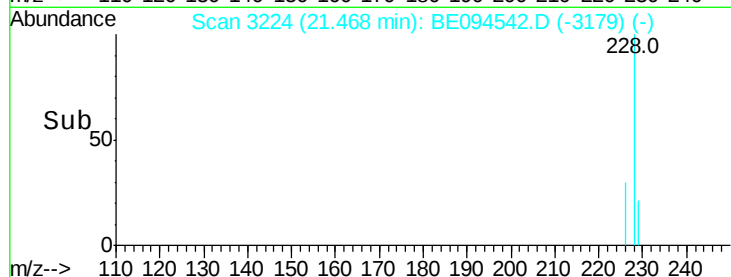
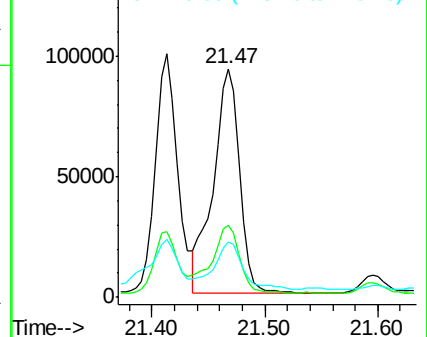
229 24.5 17.7 26.5



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: 11.086 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. 0.02 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

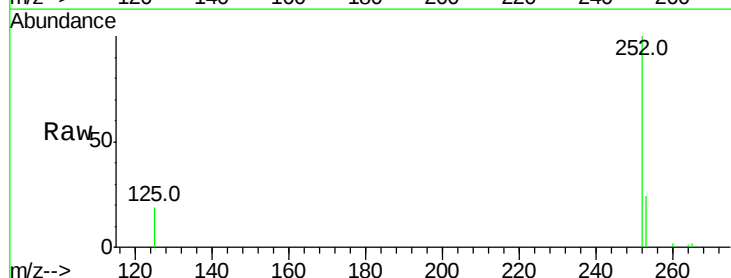
Tgt Ion:252 Resp: 274600

Ion Ratio Lower Upper

252 100

253 24.5 0.0 64.2

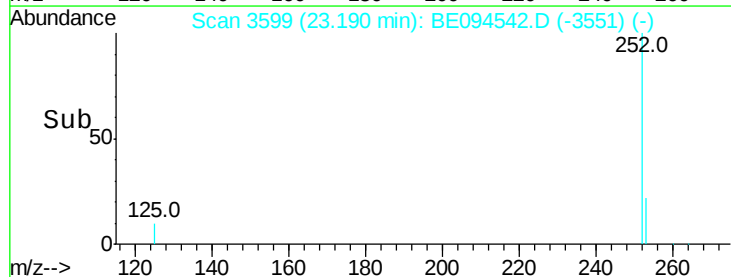
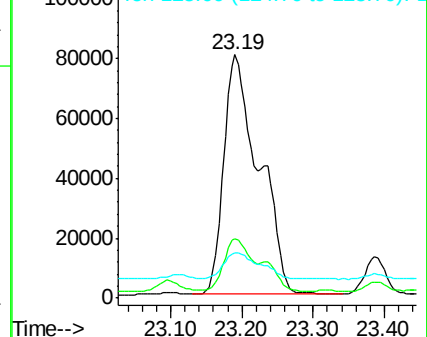
125 18.5 0.0 35.0

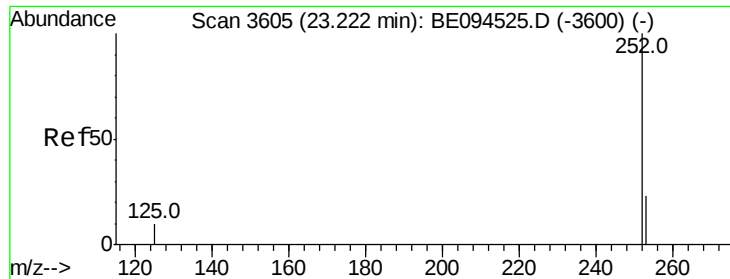


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 10.343 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. -0.03 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Instrument :

BNA_E

ClientSampleId :

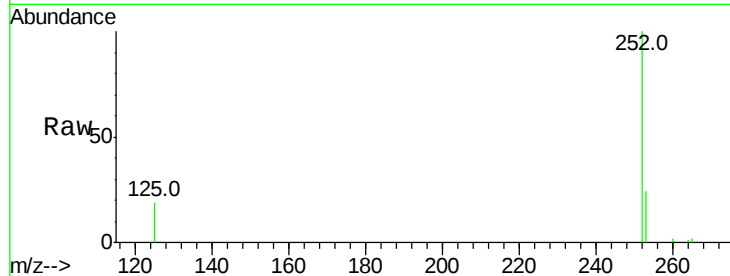
Tot Ion:252 Resp: 274564

Ion Ratio Lower Upper

252 100

253 24.5 24.5 36.7#

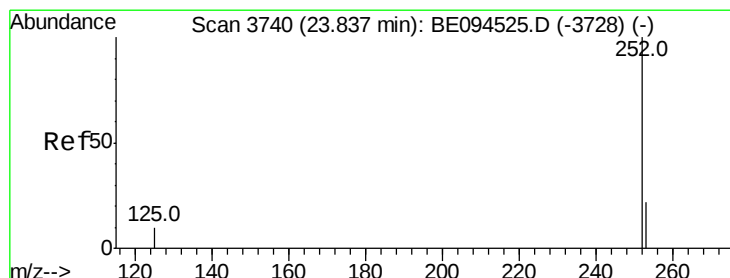
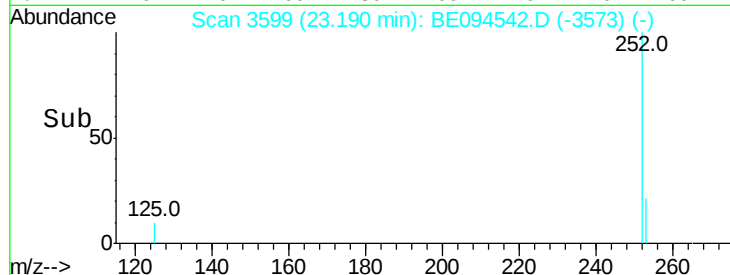
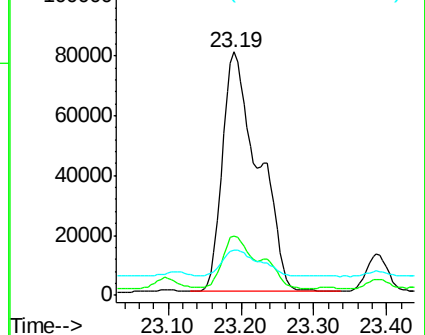
125 18.5 13.7 20.5



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: 5.896 ng/ul

RT: 23.85 min Scan# 3745

Delta R.T. 0.01 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

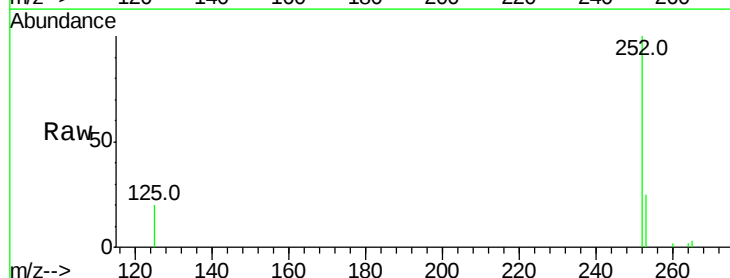
Tgt Ion:252 Resp: 145981

Ion Ratio Lower Upper

252 100

253 25.2 28.5 42.7#

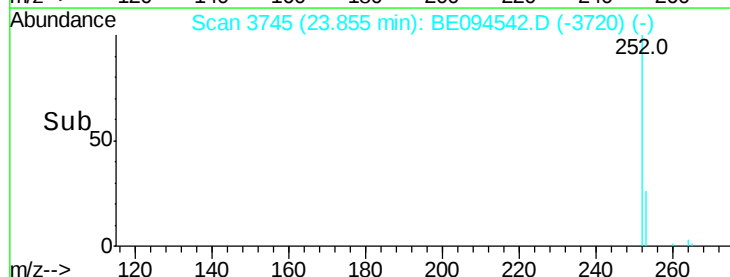
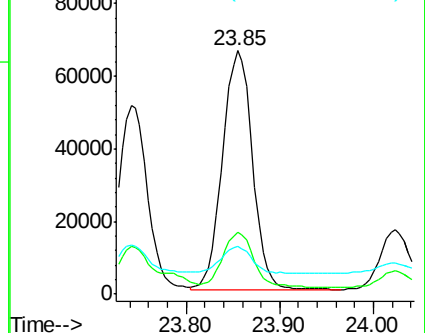
125 19.7 18.1 27.1

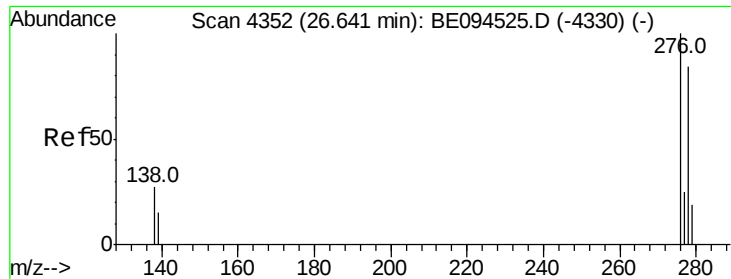


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



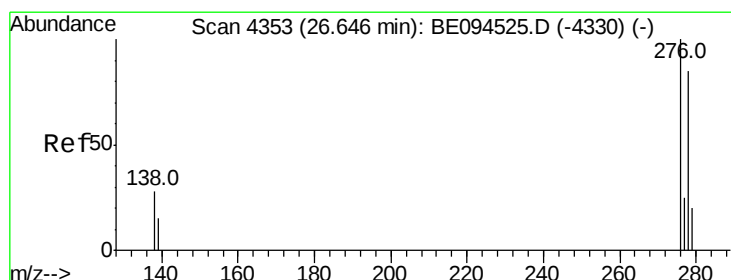
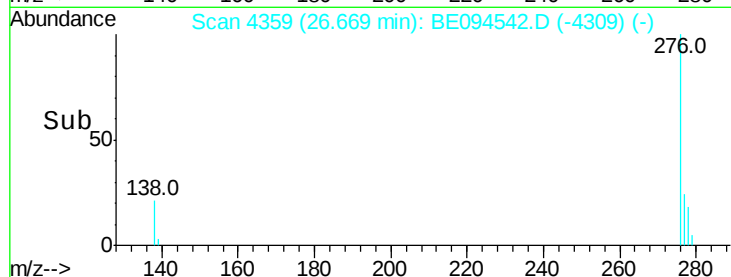
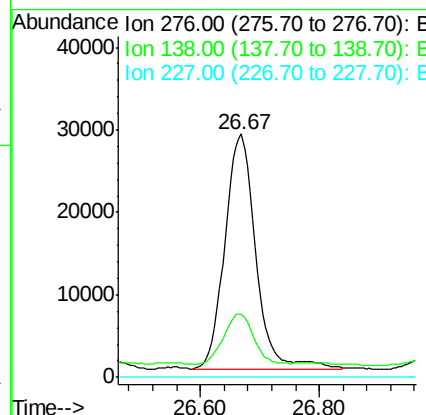
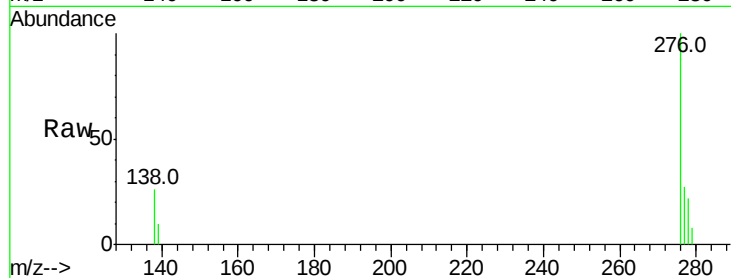


#24

Indeno(1,2,3-cd)pyrene
Concen: 3.989 ng/ul
RT: 26.67 min Scan# 4359
Delta R.T. 0.03 min
Lab File: BE094542.D
Acq: 25 Oct 2017 20:43

Instrument :
BNA_E
ClientSampleId :

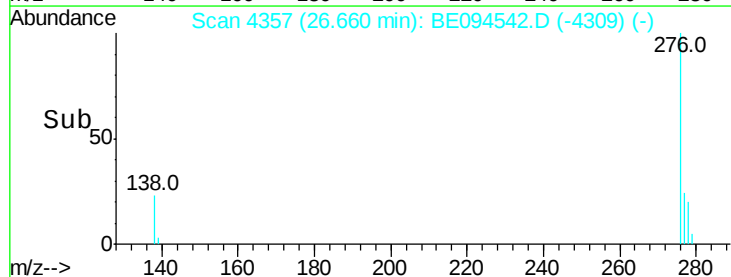
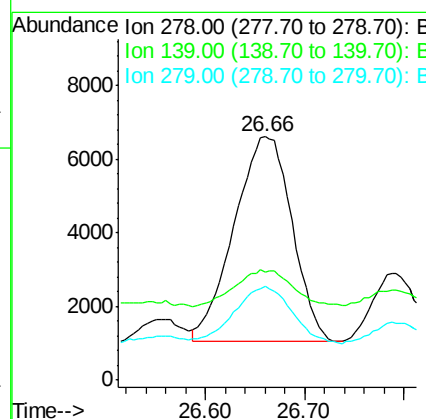
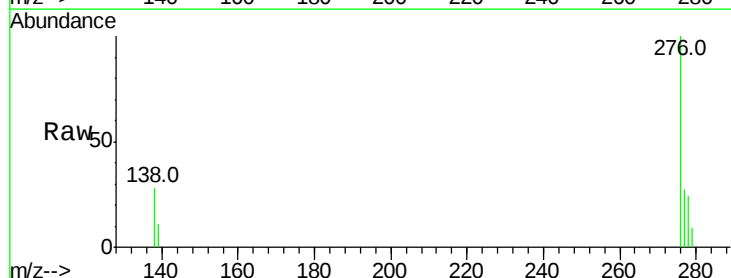
Tot Ion:276 Resp: 102213
Ion Ratio Lower Upper
276 100
138 20.9 28.0 42.0#
227 0.0 8.0 12.0#

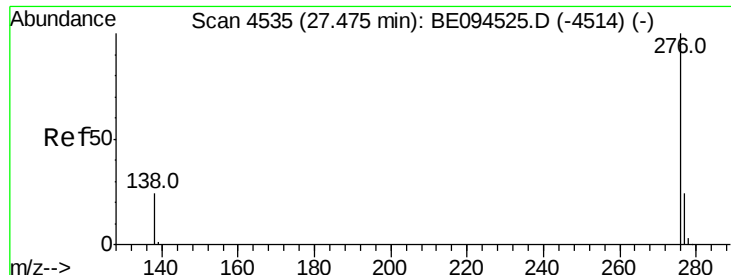


#25

Dibenzo(a,h)anthracene
Concen: 1.052 ng/ul
RT: 26.66 min Scan# 4357
Delta R.T. 0.02 min
Lab File: BE094542.D
Acq: 25 Oct 2017 20:43

Tgt Ion:278 Resp: 22716
Ion Ratio Lower Upper
278 100
139 44.4 17.4 26.0#
279 38.4 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 3.796 ng/ul

RT: 27.51 min Scan# 4543

Delta R.T. 0.03 min

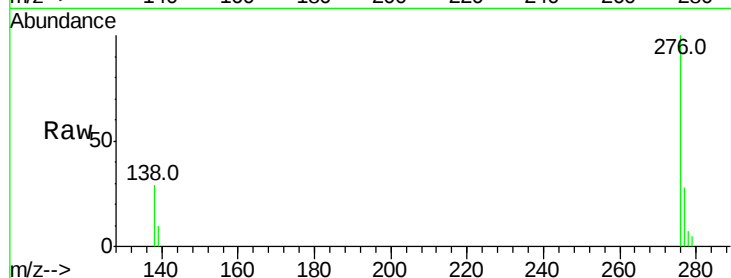
Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Instrument :

BNA_E

ClientSampleId :



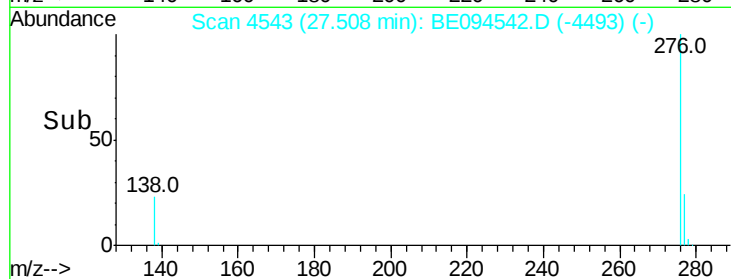
Tot Ion:276 Resp: 78095

Ion Ratio Lower Upper

276 100

138 28.8 21.8 32.8

277 28.3 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

