

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094847.D
 Acq On : 23 Nov 2017 00:14
 Operator : SJ/JU
 Sample : I6496-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 23 02:52:24 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 23 02:50:08 2017
 Response via : Initial Calibration

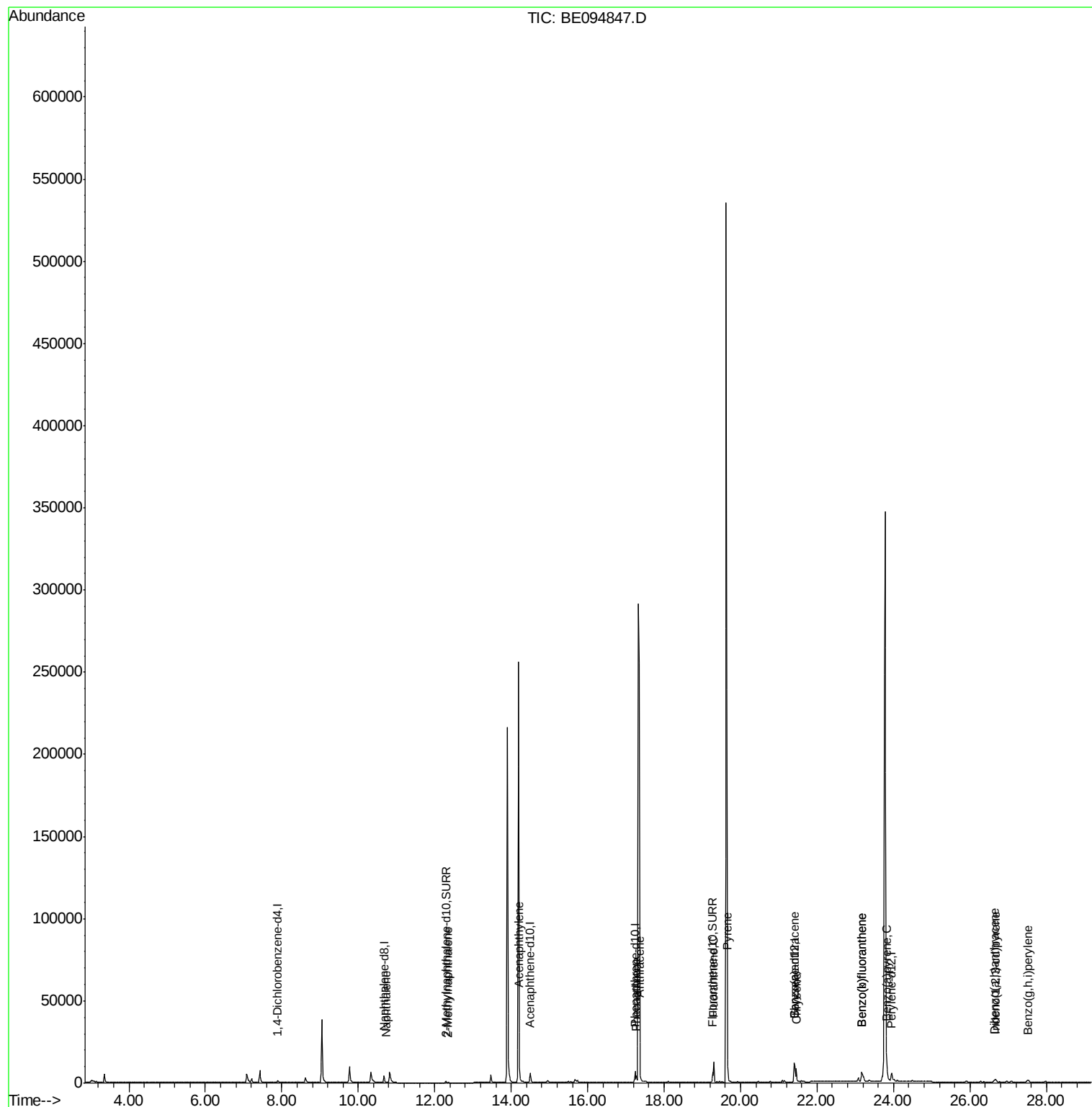
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	736	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.68	136	4946	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.50	164	3604	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	8248	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	8581	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8839	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1743	0.22	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	7036	0.25	ng/ul	-0.01
Target Compounds						
					Ovalue	
3) Naphthalene	10.72	128	241	0.02	ng/ul#	45
5) 2-Methylnaphthalene	12.36	142	174	0.02	ng/ul	94
7) Acenaphthylene	14.22	152	664	0.04	ng/ul#	74
12) Phenanthrene	17.27	178	4457	0.20	ng/ul#	91
13) Anthracene	17.36	178	1130	0.05	ng/ul#	81
15) Fluoranthene	19.30	202	14482	0.50	ng/ul	83
17) Pyrene	19.66	202	14669	0.55	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	8961	0.34	ng/ul#	86
19) Chrysene	21.46	228	8714	0.33	ng/ul	97
21) Benzo(b)fluoranthene	23.17	252	14225	0.54	ng/ul	90
22) Benzo(k)fluoranthene	23.17	252	14225	0.51	ng/ul	92
23) Benzo(a)pyrene	23.83	252	6838	0.26	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.66	276	4120	0.14	ng/ul#	73
25) Dibenzo(a,h)anthracene	26.65	278	1182	0.05	ng/ul#	61
26) Benzo(g,h,i)perylene	27.50	276	3780	0.16	ng/ul	93

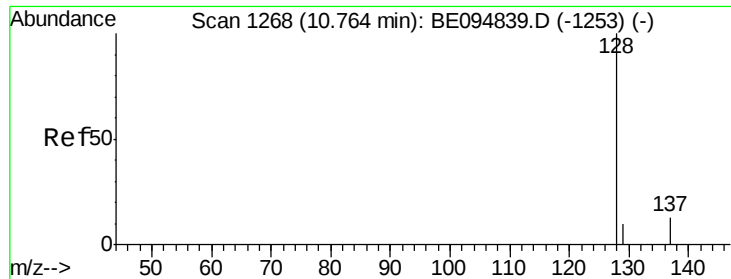
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.72 min Scan# 1260

Delta R.T. -0.04 min

Lab File: BE094847.D

Acq: 23 Nov 2017 00:14

Instrument :

BNA_E

ClientSampleId :

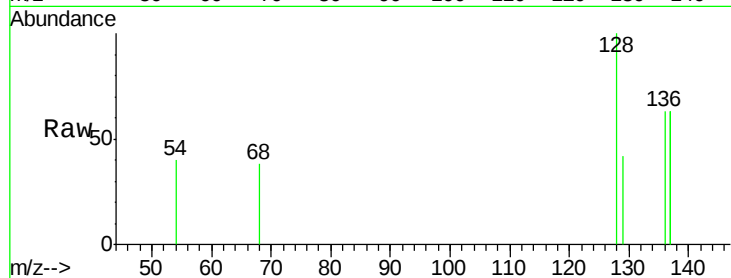
Tot Ion:128 Resp: 241

Ion Ratio Lower Upper

128 100

129 42.4 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

10.72

150

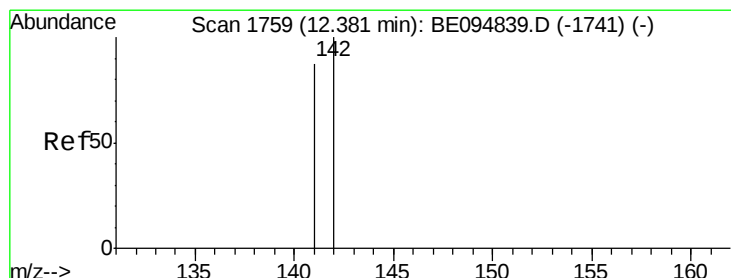
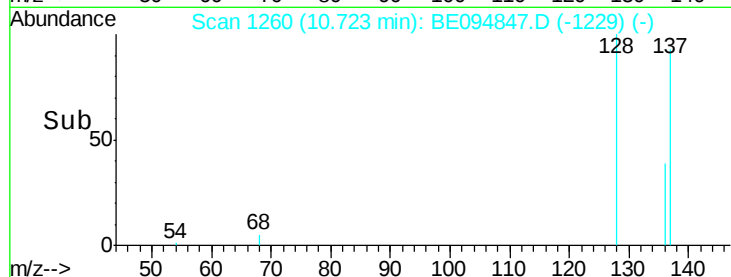
100

50

0

10.70 10.80

Time-->



#5

2-Methylnaphthalene

Concen: 0.02 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BE094847.D

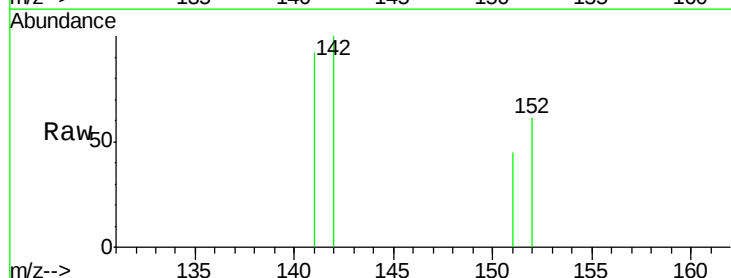
Acq: 23 Nov 2017 00:14

Tgt Ion:142 Resp: 174

Ion Ratio Lower Upper

142 100

141 96.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.36

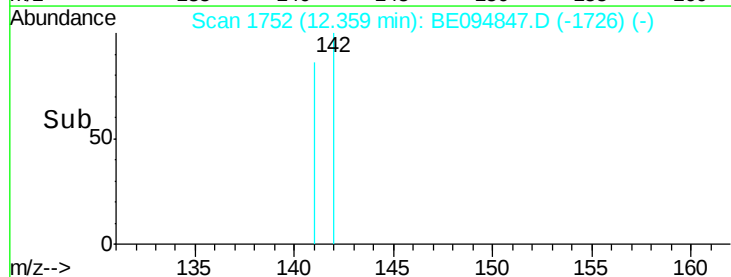
100

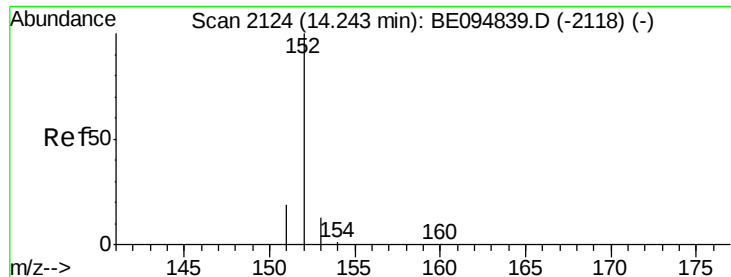
50

0

12.30 12.35 12.40 12.45

Time-->





#7

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.22 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BE094847.D

Acq: 23 Nov 2017 00:14

Instrument :

BNA_E

ClientSampleId :

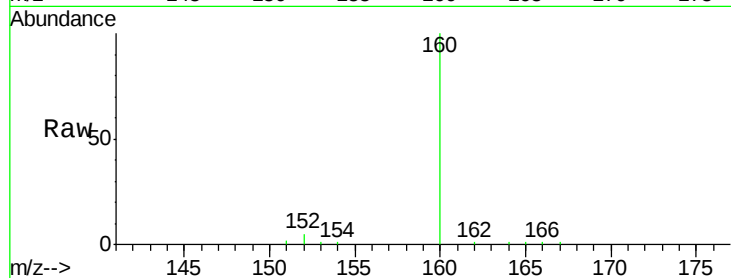
Tot Ion:152 Resp: 664

Ion Ratio Lower Upper

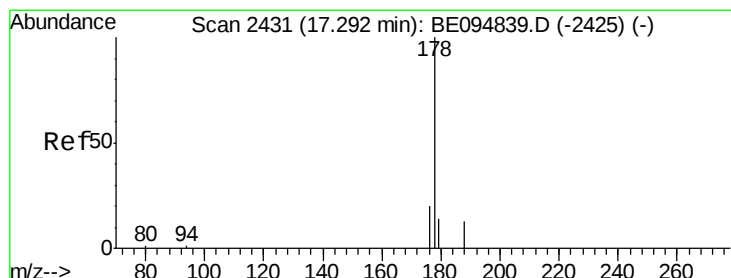
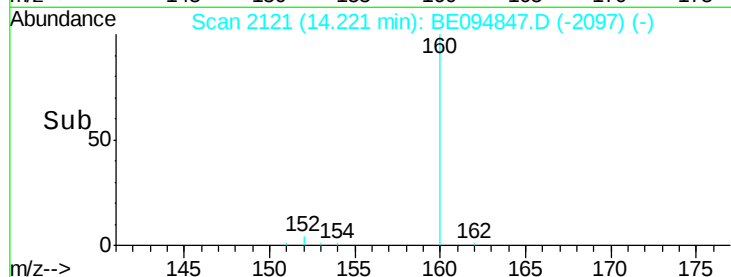
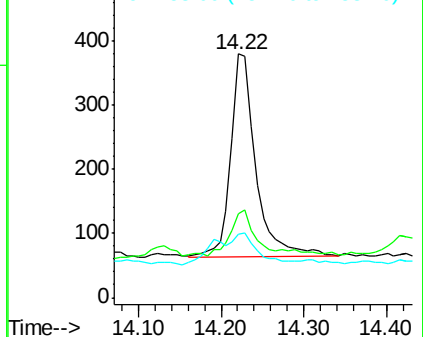
152 100

151 34.6 17.1 25.7#

153 25.9 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



#12

Phenanthrene

Concen: 0.20 ng/ul

RT: 17.27 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094847.D

Acq: 23 Nov 2017 00:14

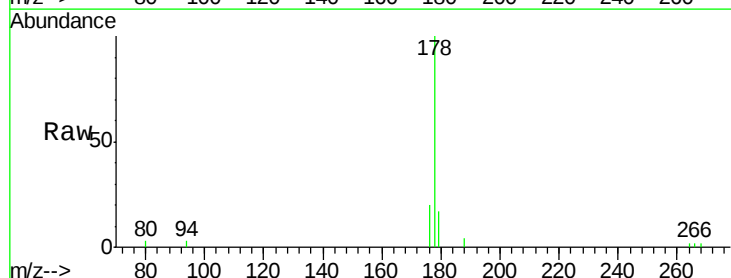
Tgt Ion:178 Resp: 4457

Ion Ratio Lower Upper

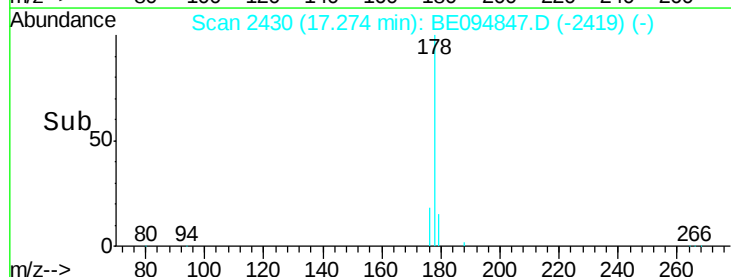
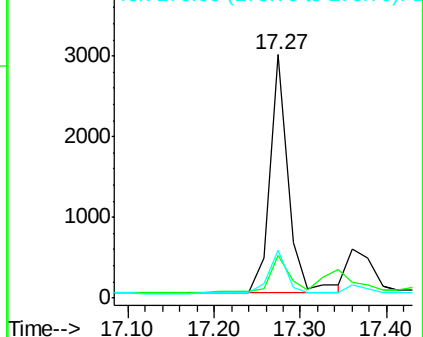
178 100

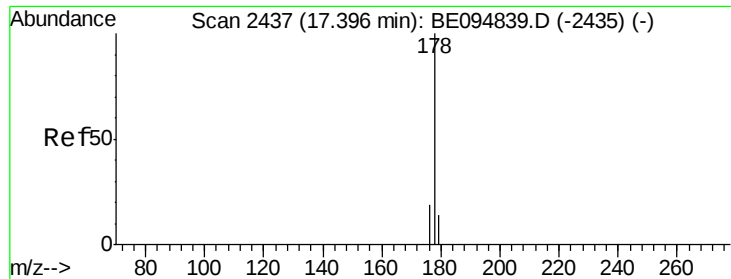
179 17.3 18.4 27.6#

176 19.7 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





#13

Anthracene

Concen: 0.05 ng/ul

RT: 17.36 min Scan# 2435

Delta R.T. -0.03 min

Lab File: BE094847.D

Acq: 23 Nov 2017 00:14

Instrument :

BNA_E

ClientSampleId :

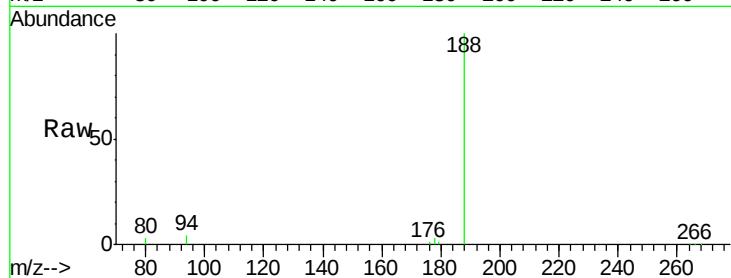
Tot Ion:178 Resp: 1130

Ion Ratio Lower Upper

178 100

179 31.3 18.1 27.1#

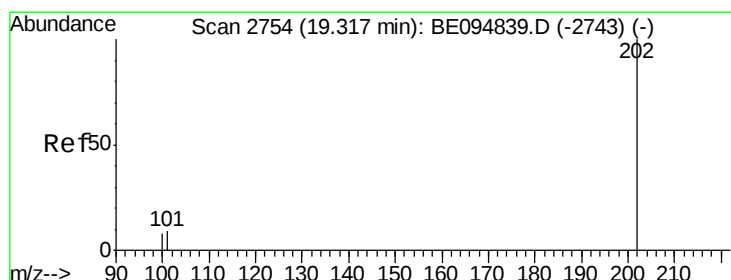
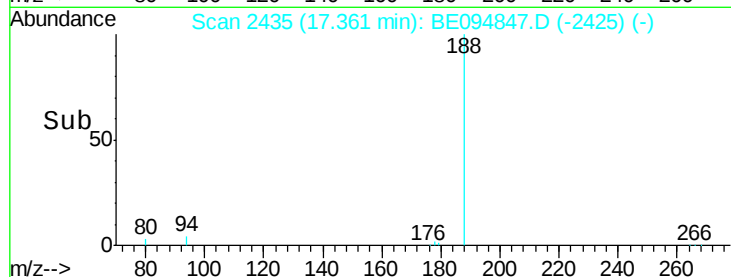
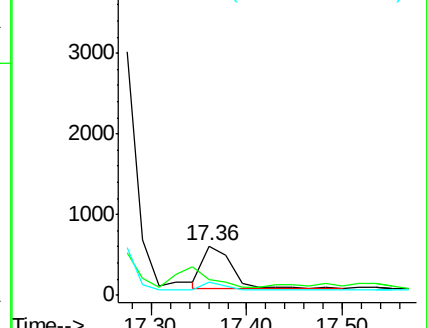
176 27.4 14.7 22.1#



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: 0.50 ng/ul

RT: 19.30 min Scan# 2750

Delta R.T. -0.02 min

Lab File: BE094847.D

Acq: 23 Nov 2017 00:14

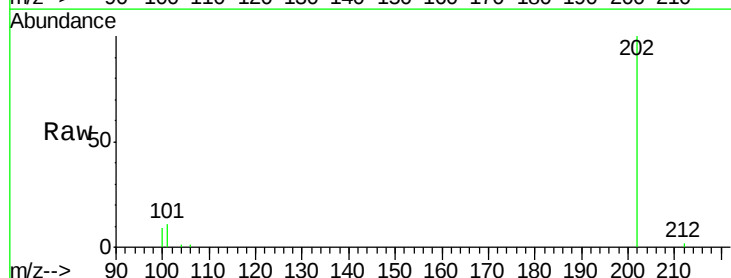
Tgt Ion:202 Resp: 14482

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

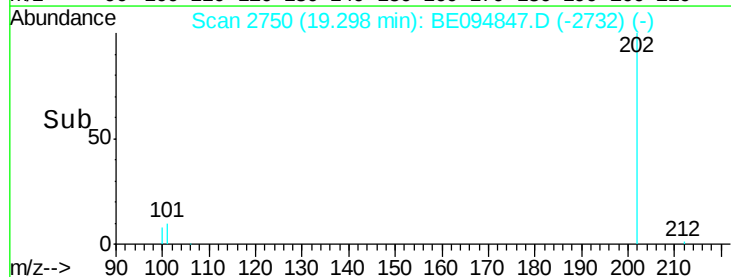
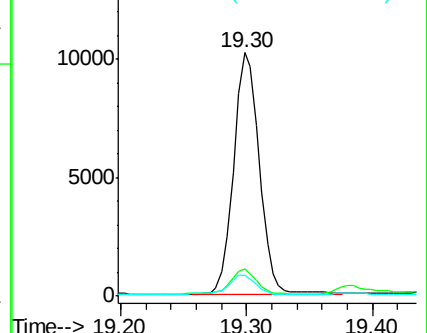
100 8.5 0.0 39.5

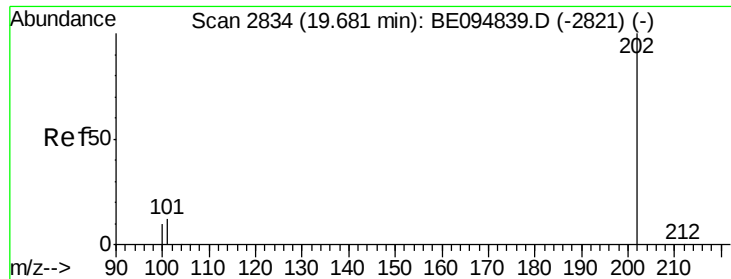


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

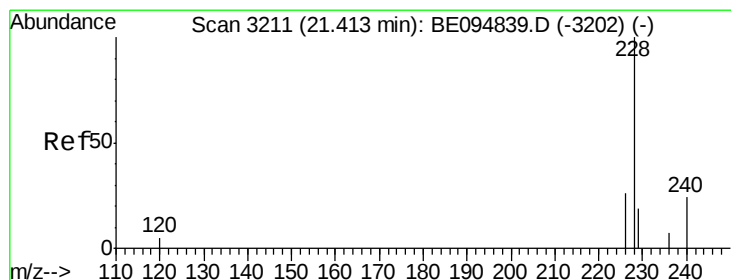
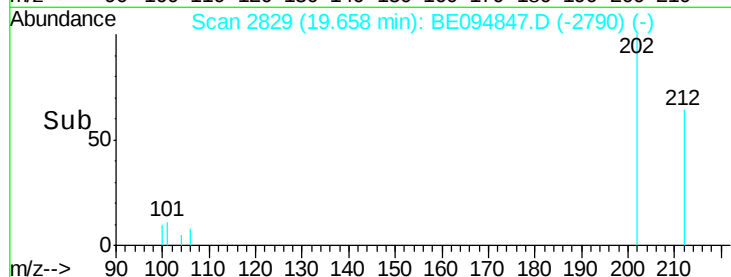
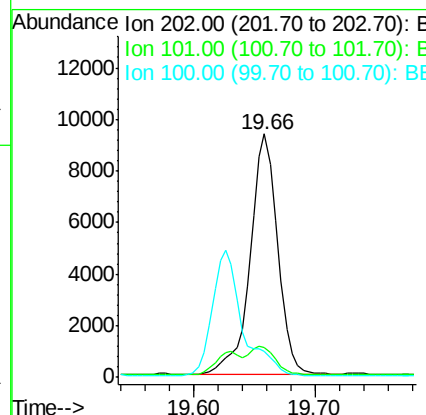
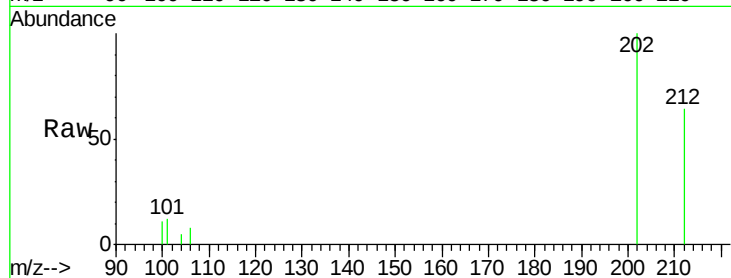




#17
Pvrene
Concen: 0.55 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.02 min
Lab File: BE094847.D
Acq: 23 Nov 2017 00:14

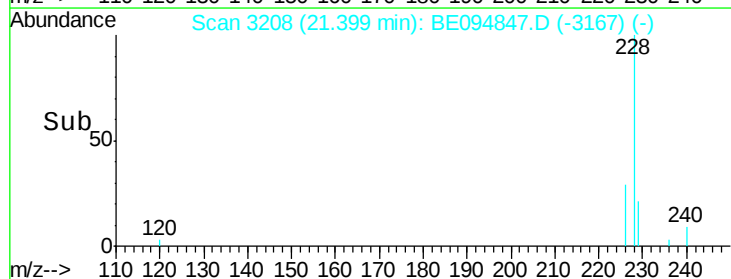
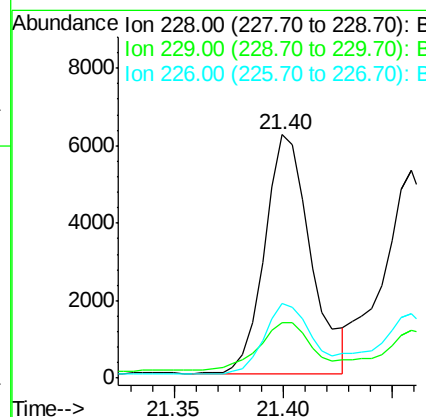
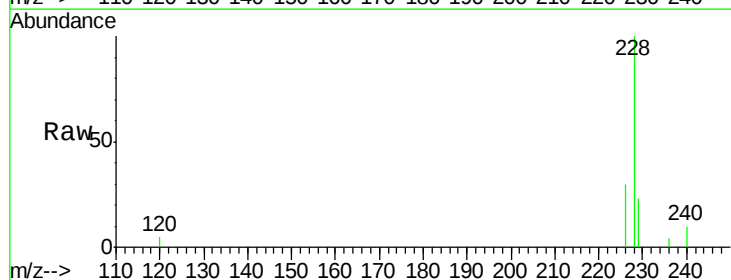
Instrument :
BNA_E
ClientSampleId :

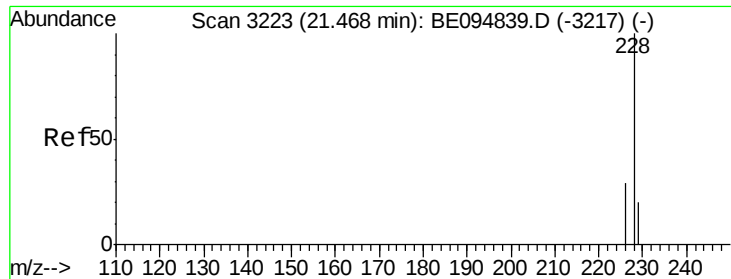
Tot Ion:202 Resp: 14669
Ion Ratio Lower Upper
202 100
101 12.4 18.2 27.4#
100 10.7 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 0.34 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. -0.01 min
Lab File: BE094847.D
Acq: 23 Nov 2017 00:14

Tgt Ion:228 Resp: 8961
Ion Ratio Lower Upper
228 100
229 22.9 22.8 34.2
226 30.5 17.0 25.6#





#19

Chrysene

Concen: 0.33 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094847.D

Acq: 23 Nov 2017 00:14

Instrument :

BNA_E

ClientSampleId :

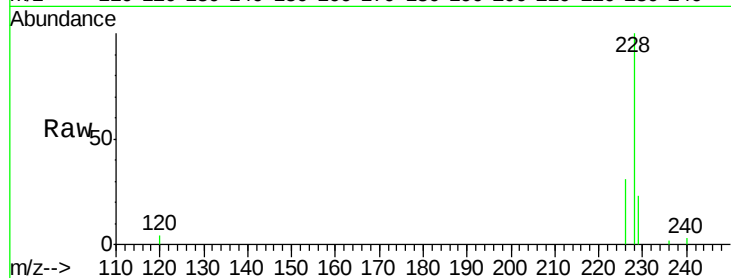
Tot Ion:228 Resp: 8714

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.0

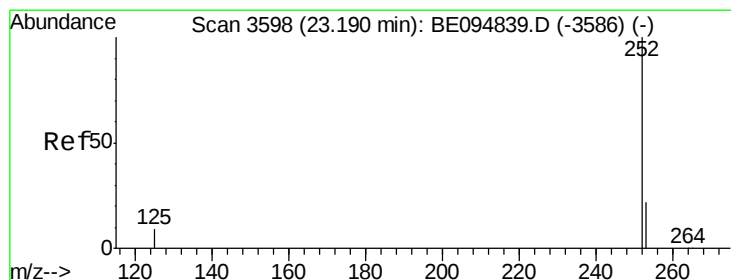
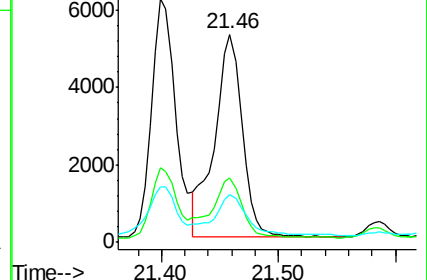
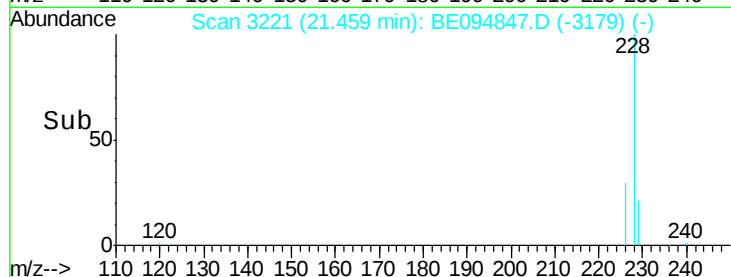
229 23.3 17.7 26.5



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: 0.54 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.02 min

Lab File: BE094847.D

Acq: 23 Nov 2017 00:14

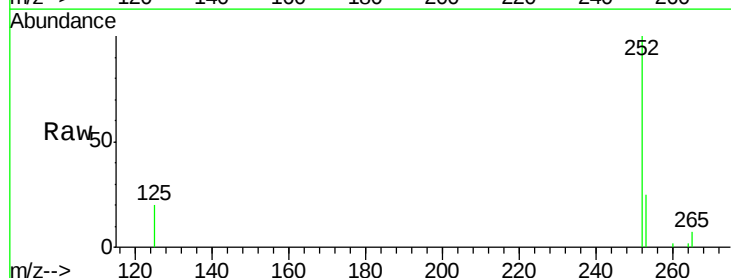
Tgt Ion:252 Resp: 14225

Ion Ratio Lower Upper

252 100

253 25.3 0.0 64.2

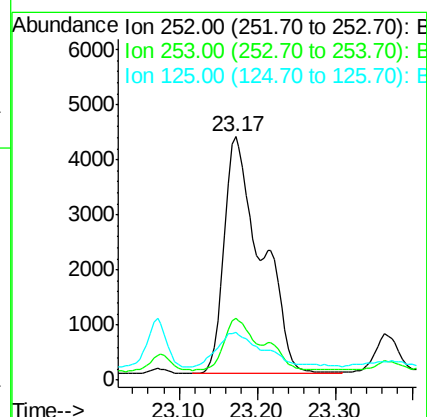
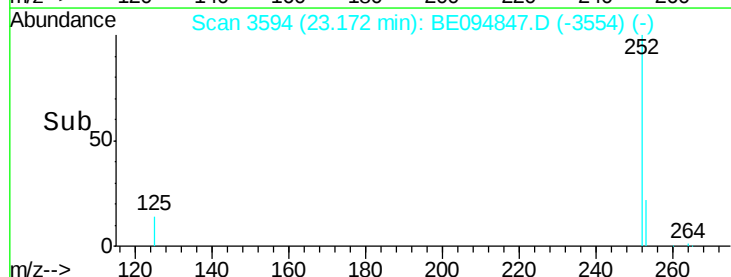
125 19.7 0.0 35.0

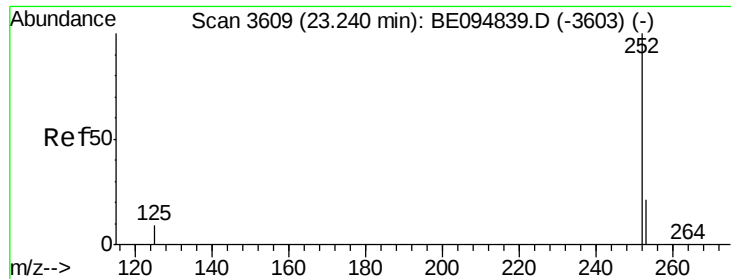


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

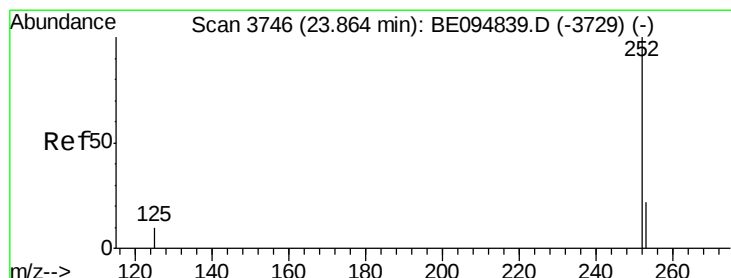
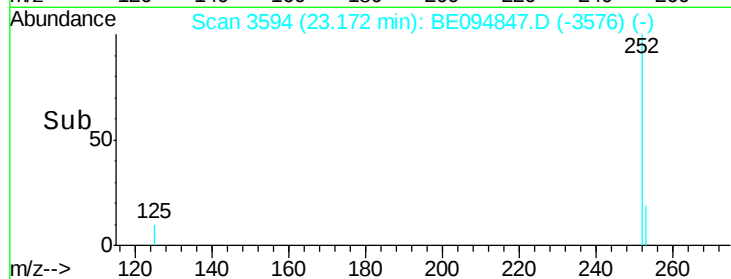
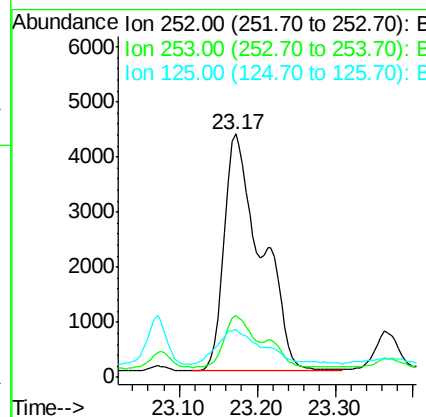
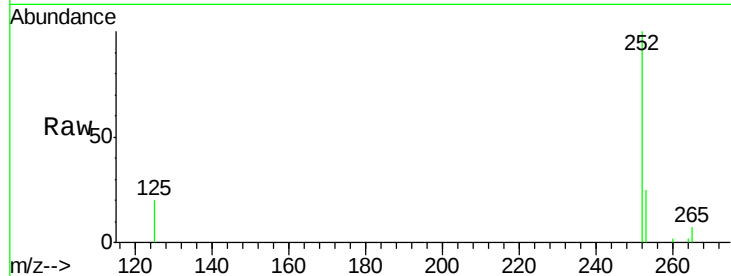




#22
Benzo(k)fluoranthene
Concen: 0.51 ng/ul
RT: 23.17 min Scan# 3594
Delta R.T. -0.07 min
Lab File: BE094847.D
Acq: 23 Nov 2017 00:14

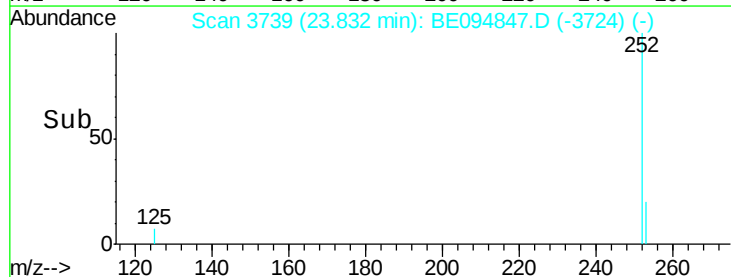
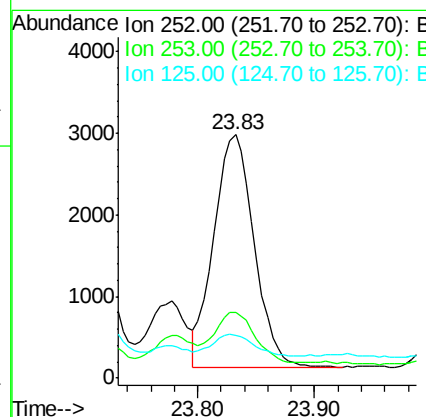
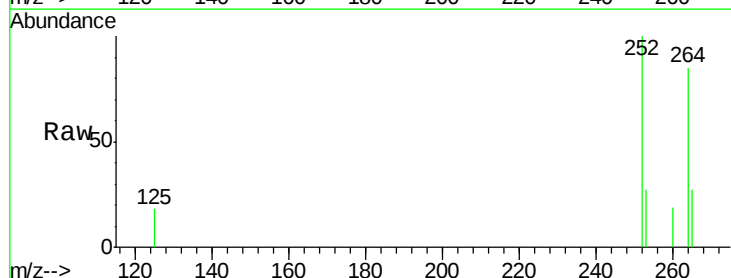
Instrument :
BNA_E
ClientSampleId :

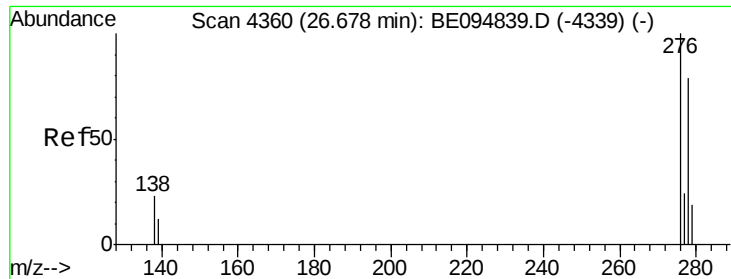
Tot Ion:252 Resp: 14225
Ion Ratio Lower Upper
252 100
253 25.3 24.5 36.7
125 19.7 13.7 20.5



#23
Benzo(a)pyrene
Concen: 0.26 ng/ul
RT: 23.83 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BE094847.D
Acq: 23 Nov 2017 00:14

Tgt Ion:252 Resp: 6838
Ion Ratio Lower Upper
252 100
253 26.9 28.5 42.7#
125 17.6 18.1 27.1#

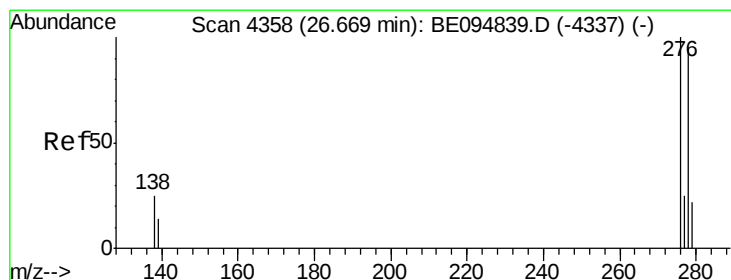
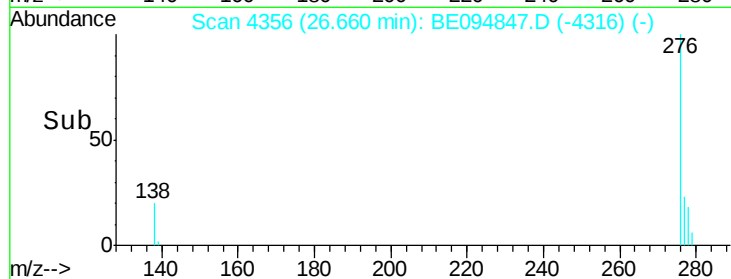
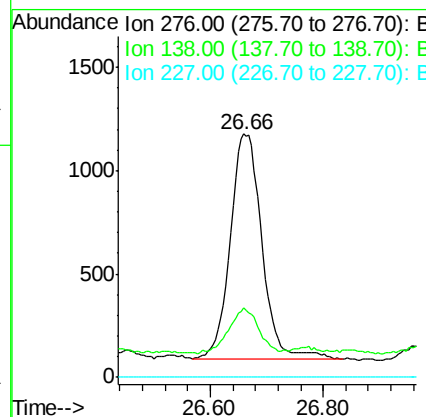
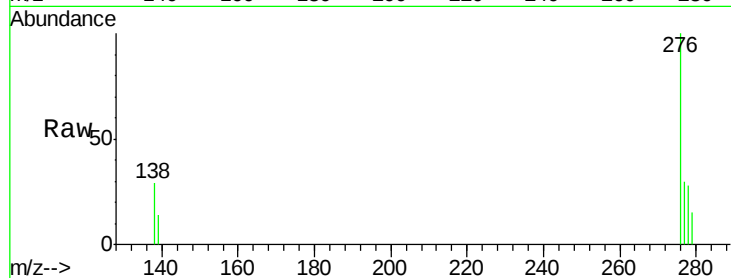




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.14 ng/ul
 RT: 26.66 min Scan# 4356
 Delta R.T. -0.02 min
 Lab File: BE094847.D
 Acq: 23 Nov 2017 00:14

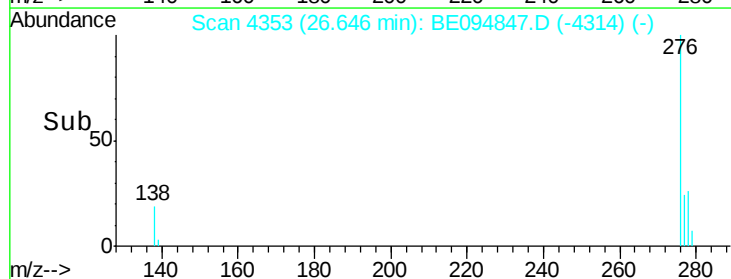
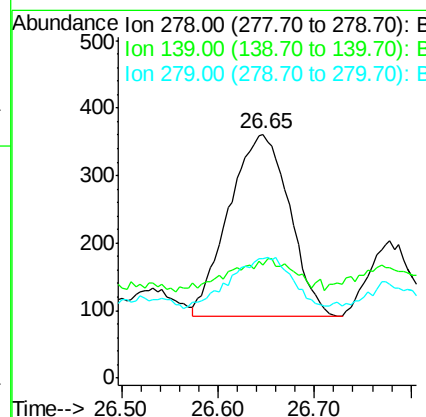
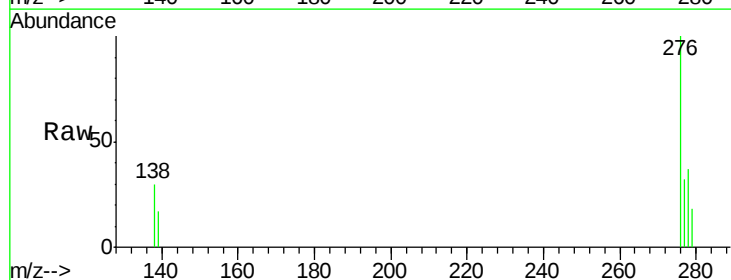
Instrument :
 BNA_E
 ClientSampleId :

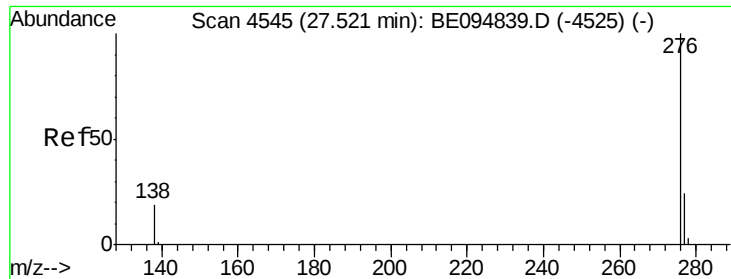
Tot Ion:276 Resp: 4120
 Ion Ratio Lower Upper
 276 100
 138 19.0 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.05 ng/ul
 RT: 26.65 min Scan# 4353
 Delta R.T. -0.02 min
 Lab File: BE094847.D
 Acq: 23 Nov 2017 00:14

Tgt Ion:278 Resp: 1182
 Ion Ratio Lower Upper
 278 100
 139 46.5 17.4 26.0#
 279 49.0 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.16 ng/ul

RT: 27.50 min Scan# 4540

Delta R.T. -0.02 min

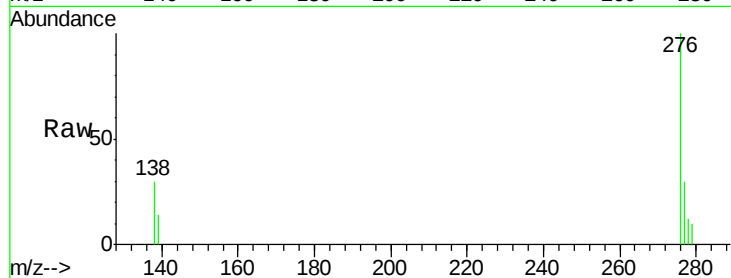
Lab File: BE094847.D

Acq: 23 Nov 2017 00:14

Instrument :

BNA_E

ClientSampleId :



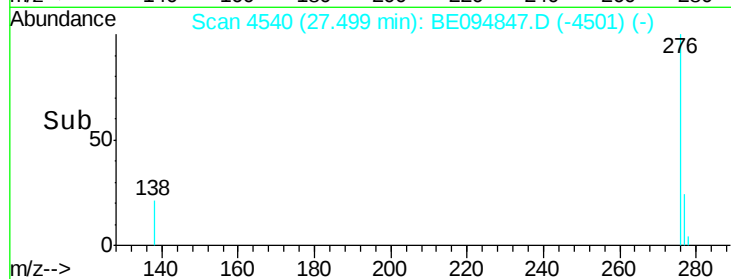
Tot Ion: 276 Resp: 3780

Ion Ratio Lower Upper

276 100

138 30.2 21.8 32.8

277 30.1 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

