

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
 Data File : BE094567.D
 Acq On : 26 Oct 2017 18:03
 Operator : SJ/JU
 Sample : I5719-04 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 27 07:41:34 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

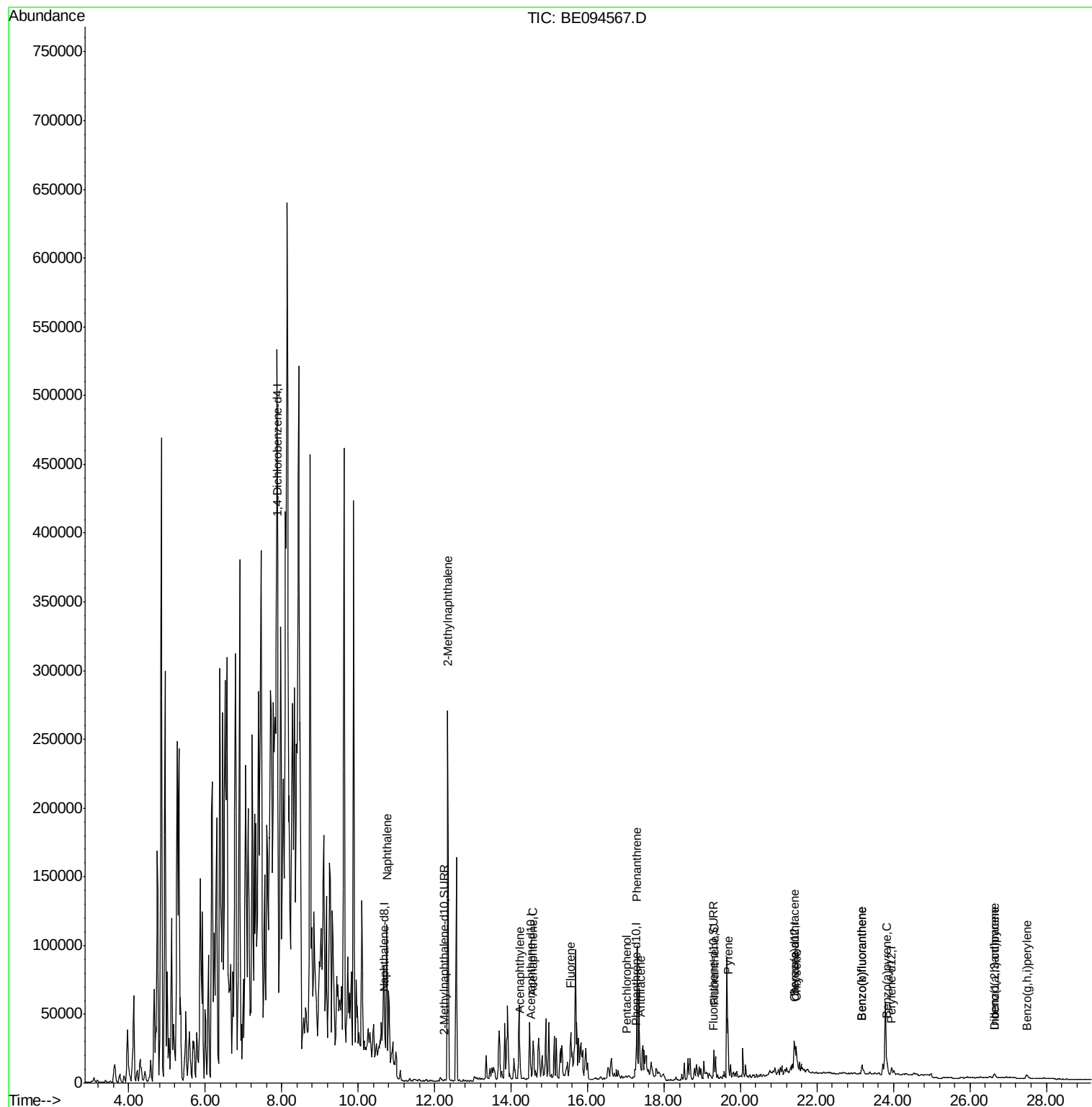
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	4419	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	8175	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4960	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7964	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	7889	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8252	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1033	0.08	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	2574	0.11	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	152310	7.620	ng/ul#	75
5) 2-Methylnaphthalene	12.34	142	225409	16.120	ng/ul	98
7) Acenaphthylene	14.24	152	6063	0.270	ng/ul#	1
8) Acenaphthene	14.57	153	19246	1.194	ng/ul	92
9) Fluorene	15.56	166	20785	1.148	ng/ul#	87
11) Pentachlorophenol	17.03	266	80	0.201	ng/ul#	59
12) Phenanthrene	17.29	178	113827	5.411	ng/ul#	93
13) Anthracene	17.38	178	9625	0.464	ng/ul	93
15) Fluoranthene	19.31	202	25269	1.039	ng/ul	82
17) Pyrene	19.67	202	51471	2.110	ng/ul#	87
18) Benzo(a)anthracene	21.40	228	18495	0.820	ng/ul#	52
19) Chrysene	21.46	228	23293	0.999	ng/ul#	69
21) Benzo(b)fluoranthene	23.18	252	18323	0.789	ng/ul#	66
22) Benzo(k)fluoranthene	23.18	252	18100	0.728	ng/ul#	63
23) Benzo(a)pyrene	23.84	252	12436	0.536	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.64	276	5448	0.227	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.63	278	2032	0.100	ng/ul#	1
26) Benzo(g,h,i)perylene	27.48	276	7714	0.400	ng/ul#	67

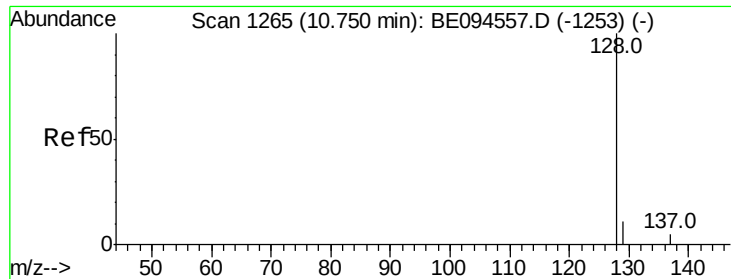
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 7.620 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

Instrument :

BNA_E

ClientSampled :

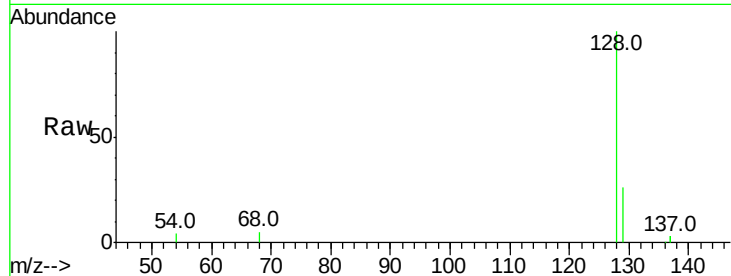
Tot Ion:128 Resp: 152310

Ion Ratio Lower Upper

128 100

129 25.6 11.3 16.9#

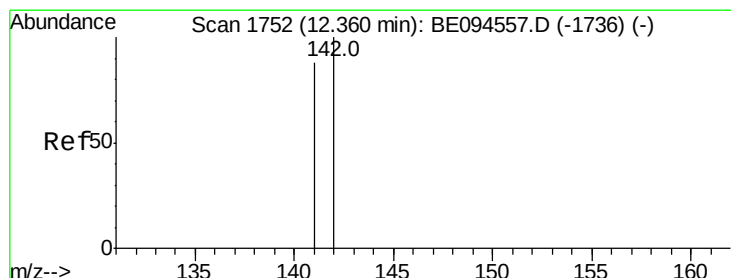
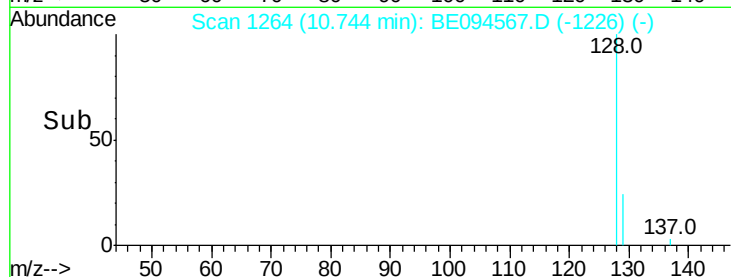
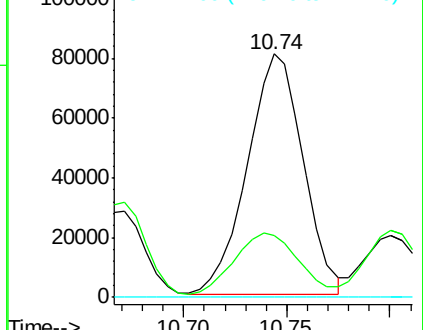
127 0.0 4.0 6.0#



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: 16.120 ng/ul

RT: 12.34 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BE094567.D

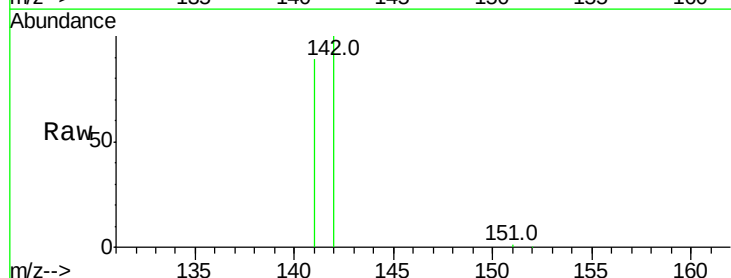
Acq: 26 Oct 2017 18:03

Tgt Ion:142 Resp: 225409

Ion Ratio Lower Upper

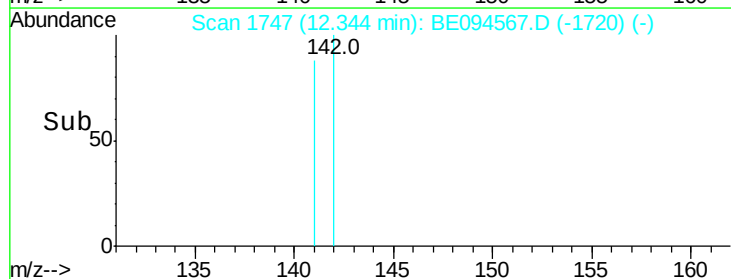
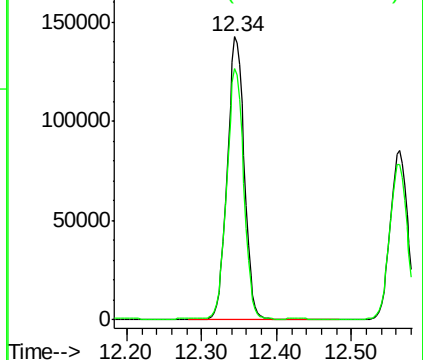
142 100

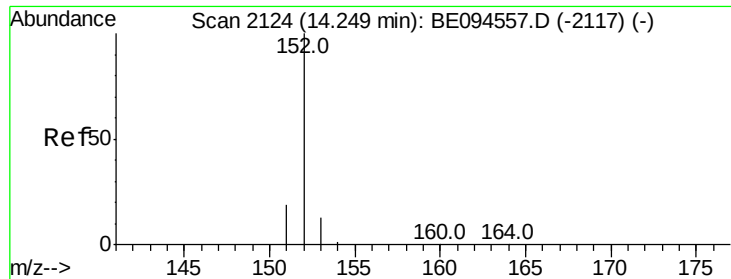
141 88.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.270 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

Instrument :

BNA_E

ClientSampleId :

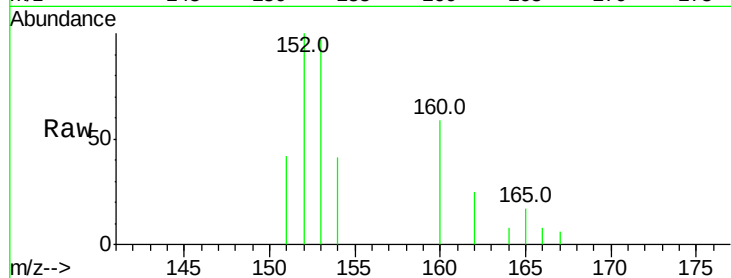
Tot Ion:152 Resp: 6063

Ion Ratio Lower Upper

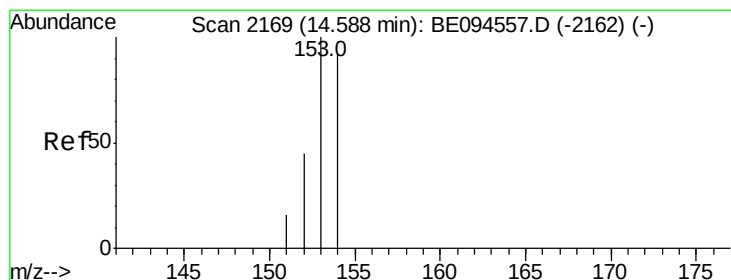
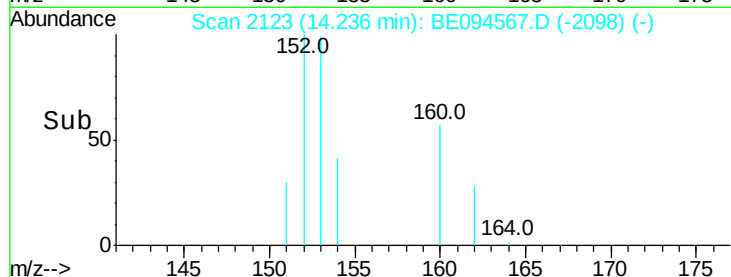
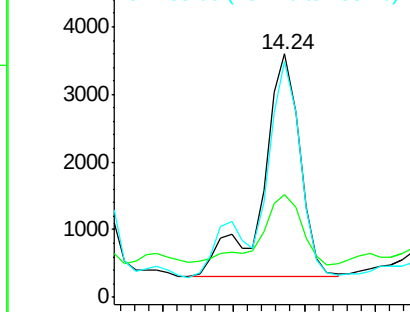
152 100

151 42.3 17.1 25.7#

153 97.1 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: 1.194 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

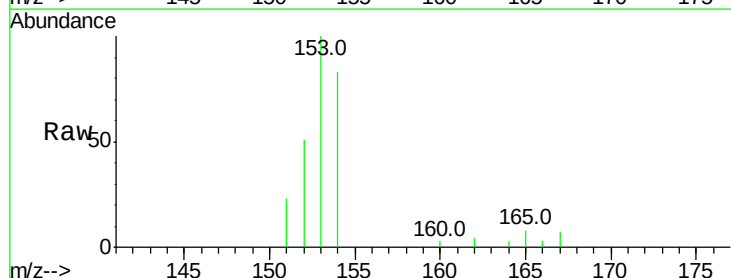
Tgt Ion:153 Resp: 19246

Ion Ratio Lower Upper

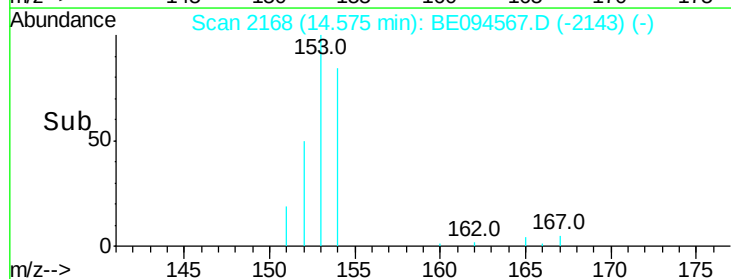
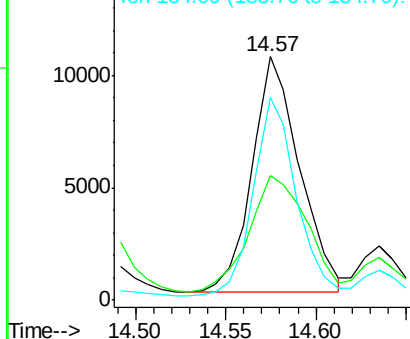
153 100

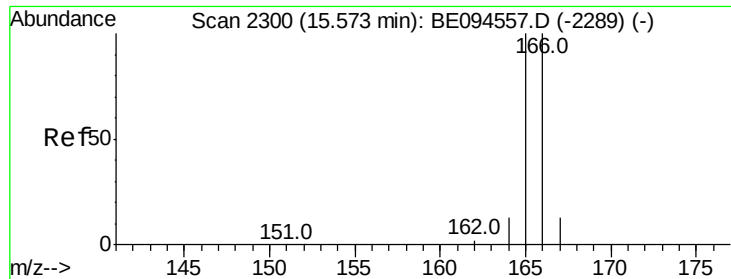
152 51.2 36.0 54.0

154 83.1 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

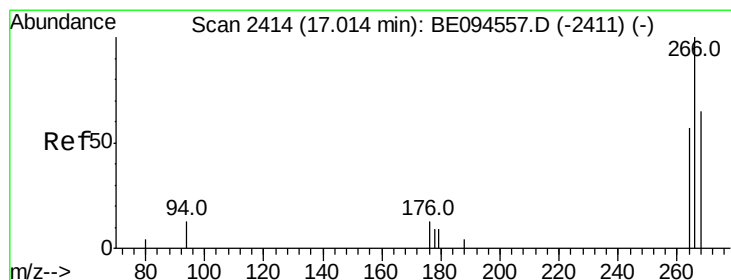
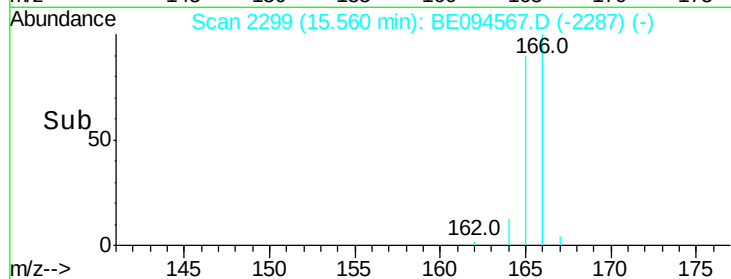
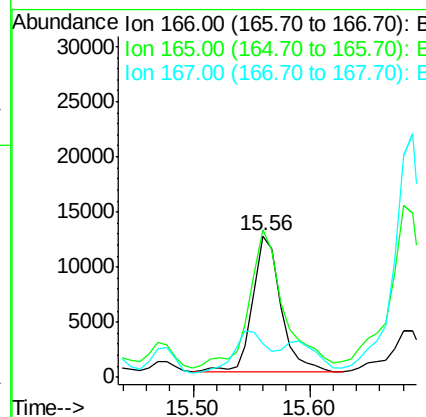
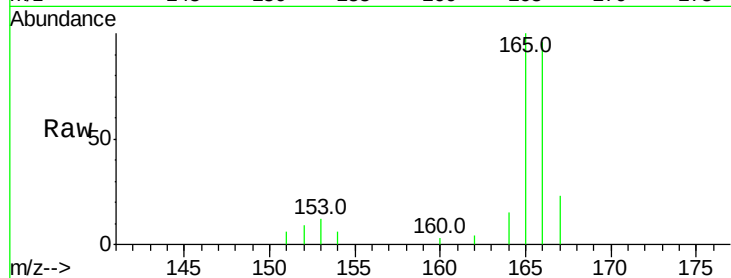




#9
Fluorene
 Concen: 1.148 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BE094567.D
 Acq: 26 Oct 2017 18:03

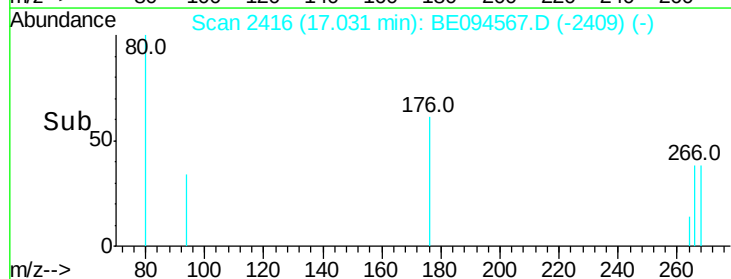
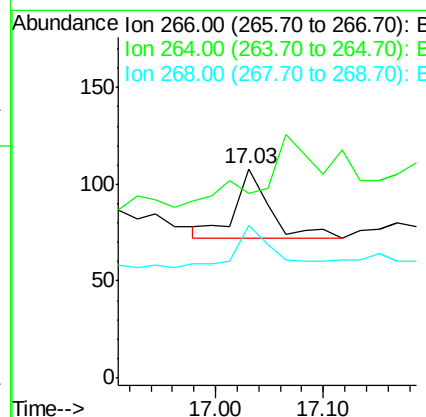
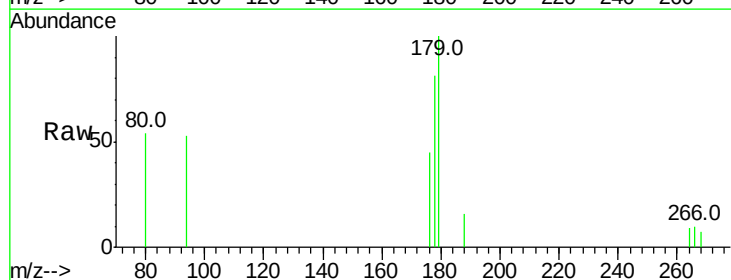
Instrument :
 BNA_E
 ClientSampled :

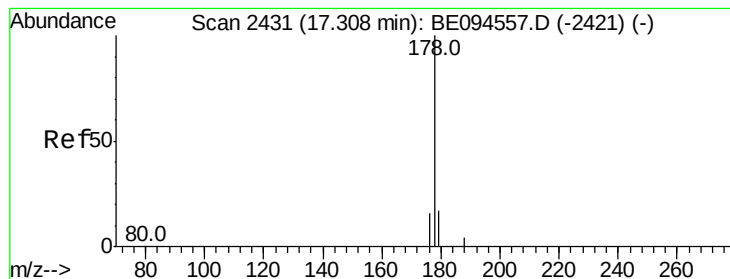
Tot Ion:166 Resp: 20785
 Ion Ratio Lower Upper
 166 100
 165 104.6 73.4 110.2
 167 23.8 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.201 ng/ul
 RT: 17.03 min Scan# 2416
 Delta R.T. 0.02 min
 Lab File: BE094567.D
 Acq: 26 Oct 2017 18:03

Tgt Ion:266 Resp: 80
 Ion Ratio Lower Upper
 266 100
 264 0.0 47.9 71.9#
 268 66.3 49.8 74.8





#12

Phenanthrene

Concen: 5.411 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

Instrument :

BNA_E

ClientSampleId :

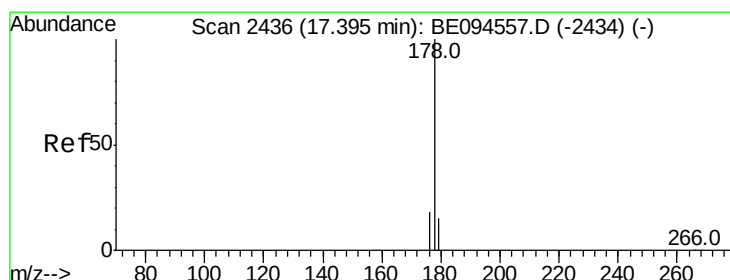
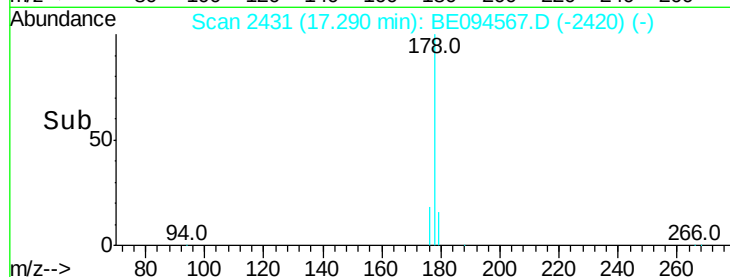
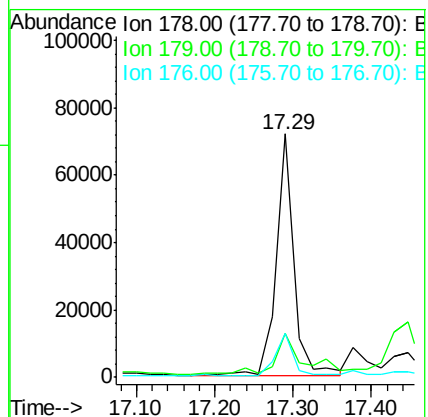
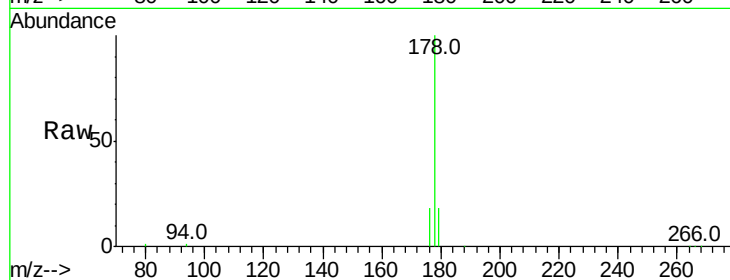
Tot Ion:178 Resp: 113827

Ion Ratio Lower Upper

178 100

179 17.8 18.4 27.6#

176 18.1 13.6 20.4



#13

Anthracene

Concen: 0.464 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

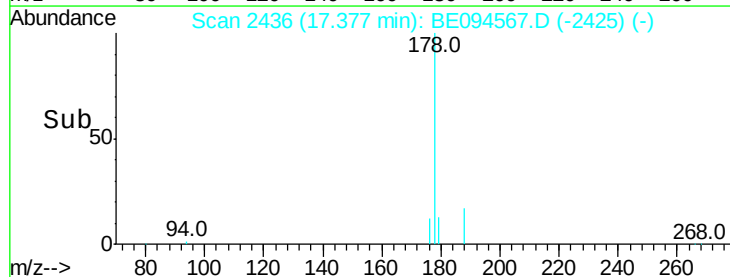
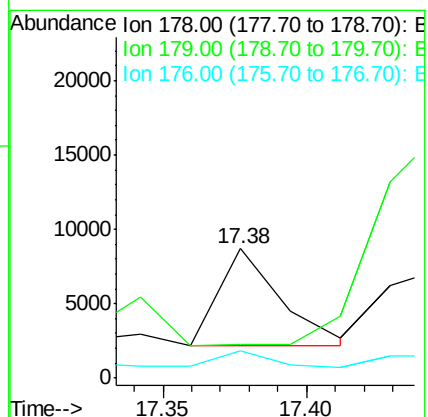
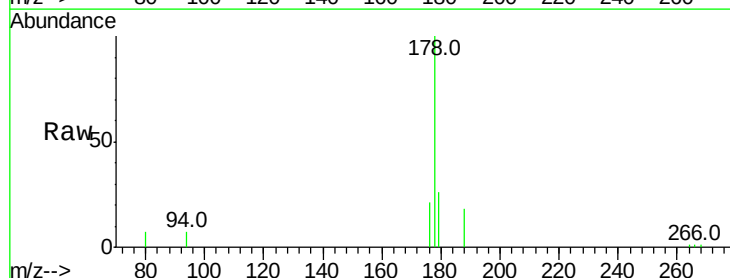
Tgt Ion:178 Resp: 9625

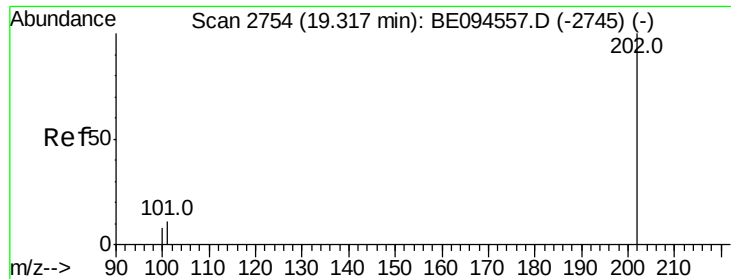
Ion Ratio Lower Upper

178 100

179 26.3 18.1 27.1

176 21.4 14.7 22.1





#15

Fluoranthene

Concen: 1.039 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

Instrument :

BNA_E

ClientSampleId :

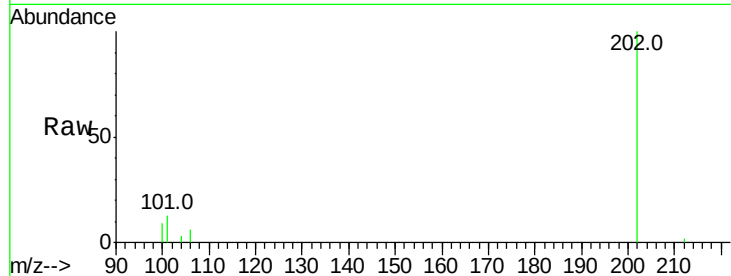
Tot Ion:202 Resp: 25269

Ion Ratio Lower Upper

202 100

101 13.4 0.0 30.3

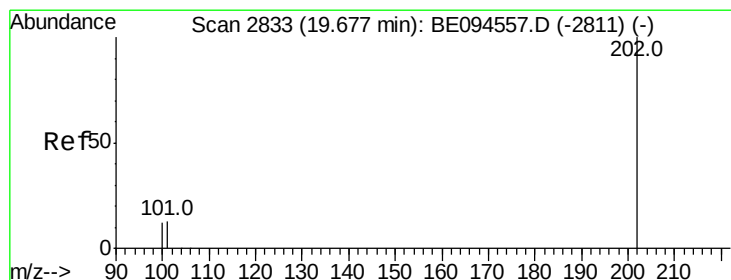
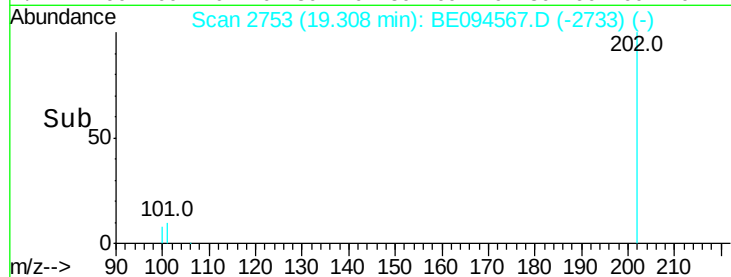
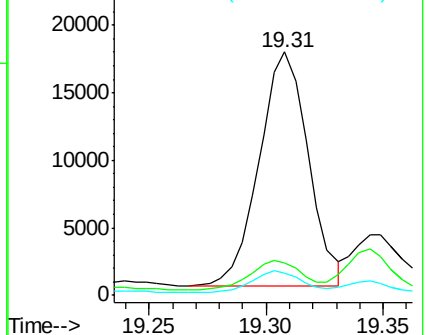
100 9.3 0.0 39.5



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): BE



#17

Pyrene

Concen: 2.110 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

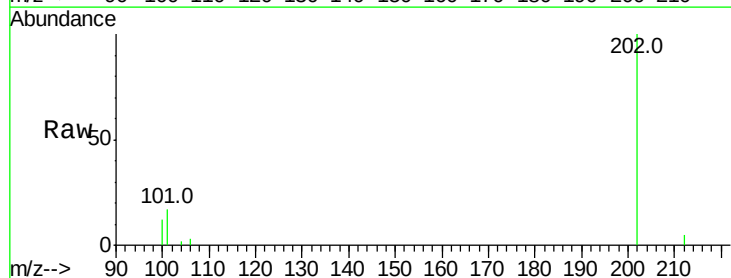
Tgt Ion:202 Resp: 51471

Ion Ratio Lower Upper

202 100

101 17.3 18.2 27.4#

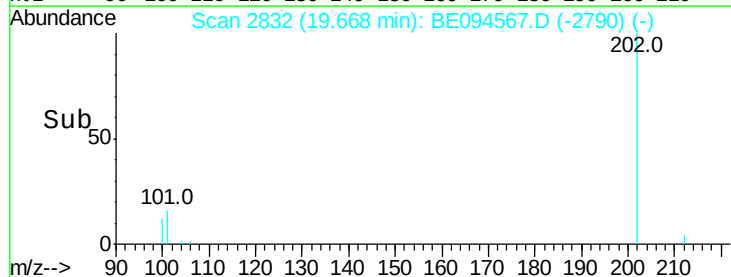
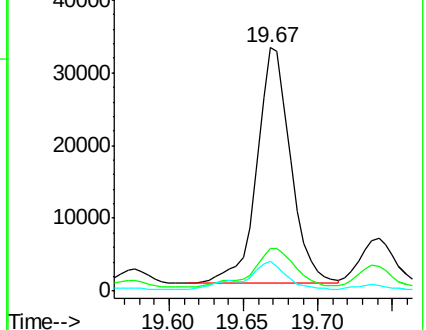
100 12.3 15.6 23.4#

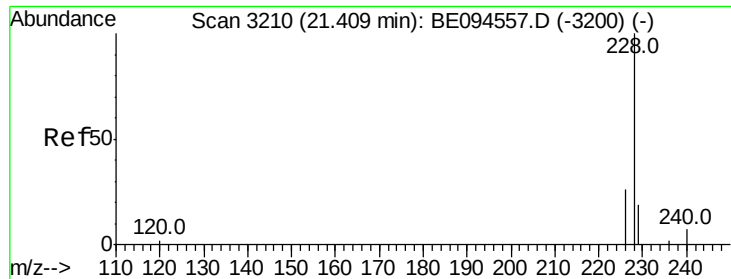


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.820 ng/ul

RT: 21.40 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

Instrument :

BNA_E

ClientSampleId :

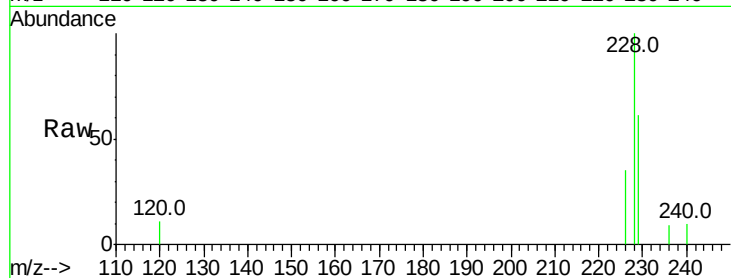
Tot Ion:228 Resp: 18495

Ion Ratio Lower Upper

228 100

229 61.3 22.8 34.2#

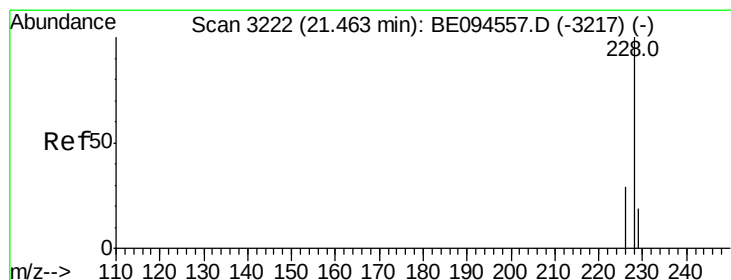
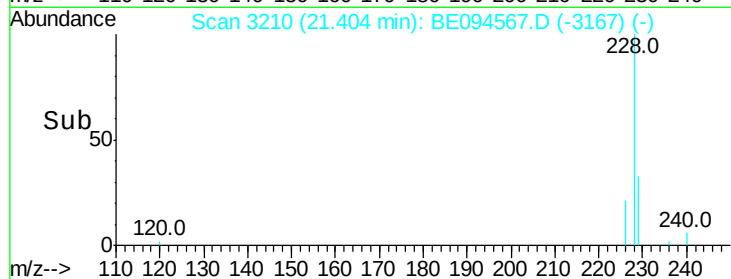
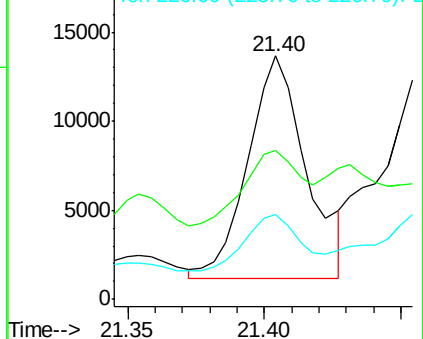
226 34.8 17.0 25.6#



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: 0.999 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

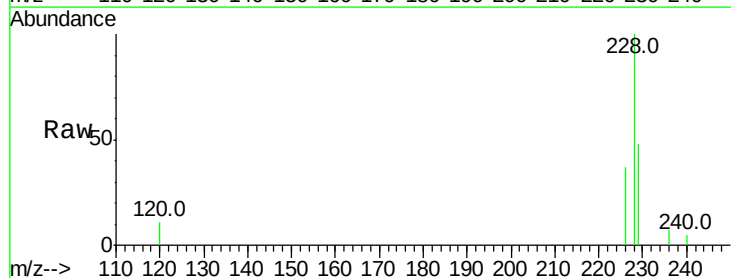
Tgt Ion:228 Resp: 23293

Ion Ratio Lower Upper

228 100

226 36.5 23.4 35.0#

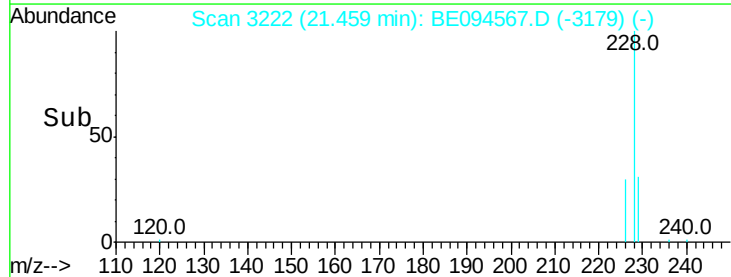
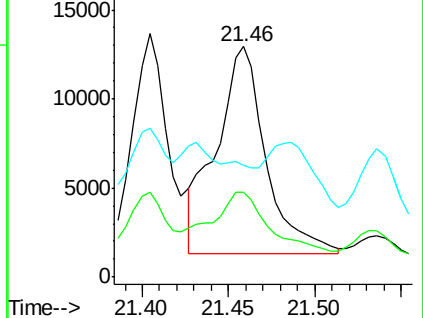
229 48.3 17.7 26.5#

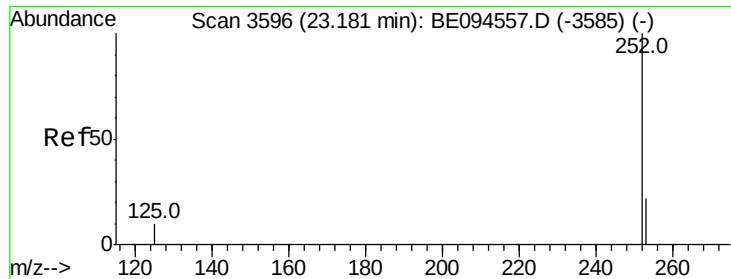


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.789 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.00 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

Instrument :

BNA_E

ClientSampleId :

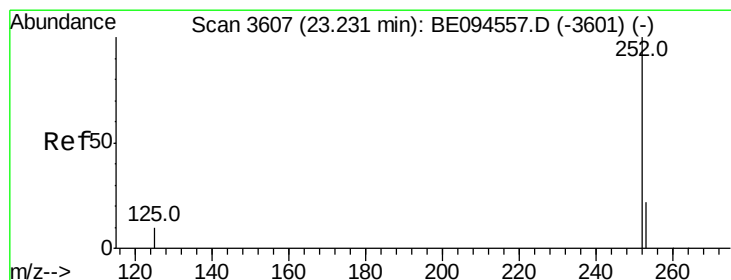
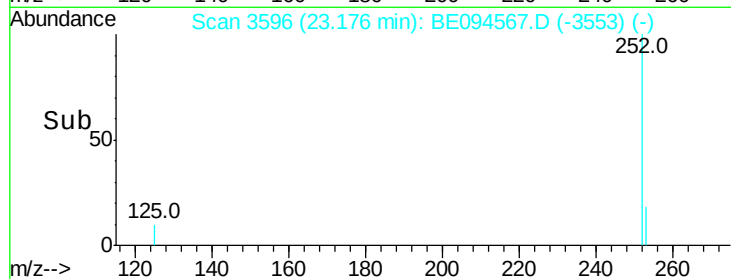
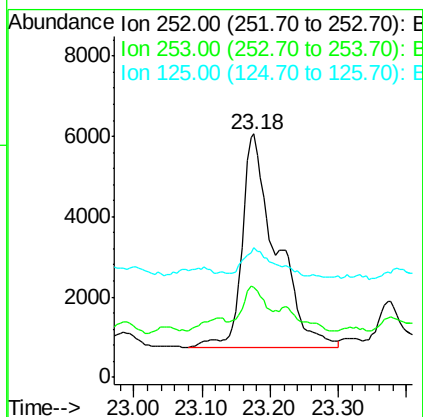
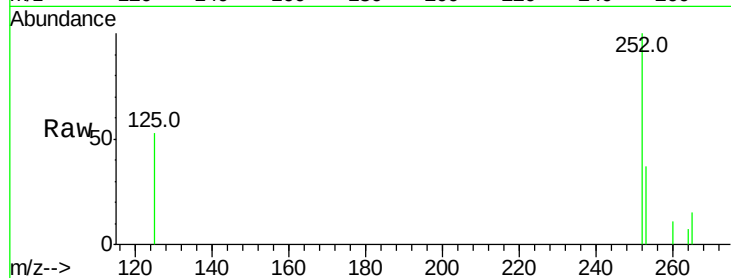
Tot Ion:252 Resp: 18323

Ion Ratio Lower Upper

252 100

253 36.9 0.0 64.2

125 53.0 0.0 35.0#



#22

Benzo(k)fluoranthene

Concen: 0.728 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.05 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

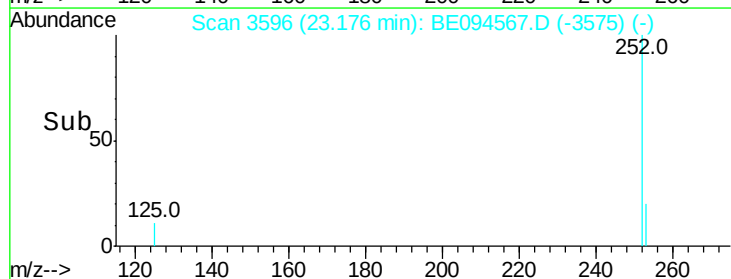
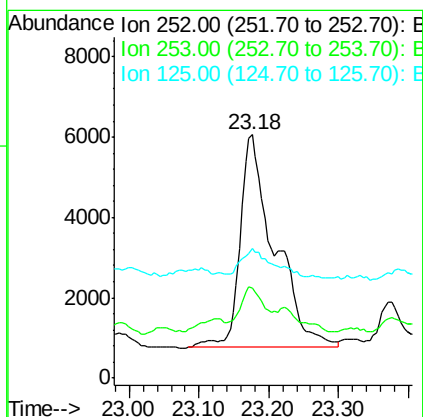
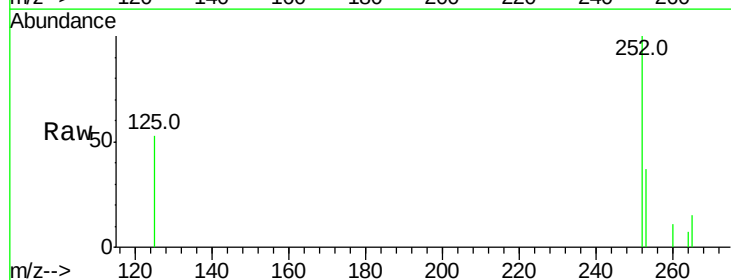
Tgt Ion:252 Resp: 18100

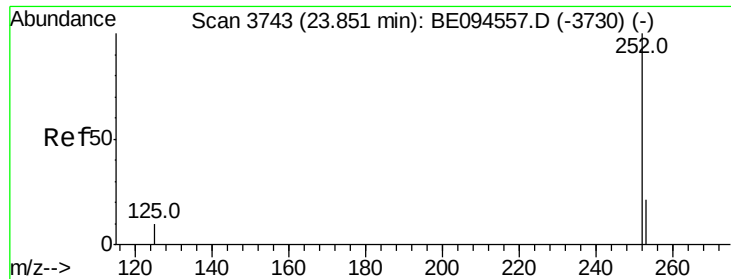
Ion Ratio Lower Upper

252 100

253 36.9 24.5 36.7#

125 53.0 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.536 ng/ul

RT: 23.84 min Scan# 3741

Delta R.T. -0.01 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

Instrument :

BNA_E

ClientSampleId :

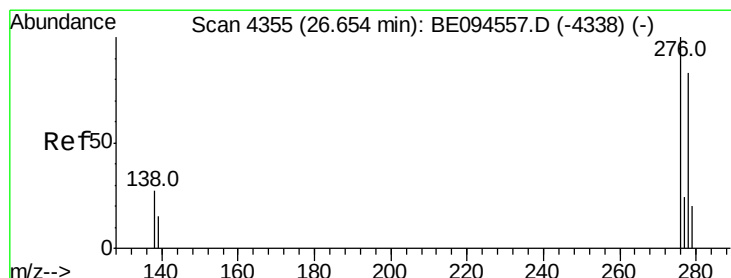
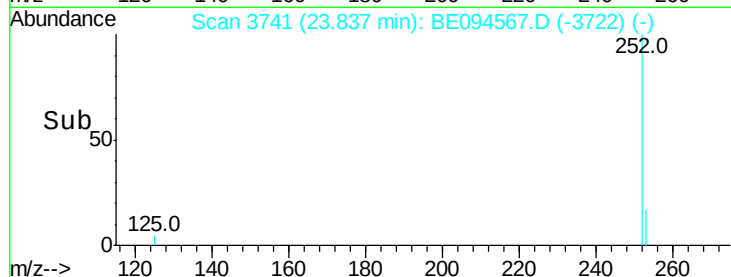
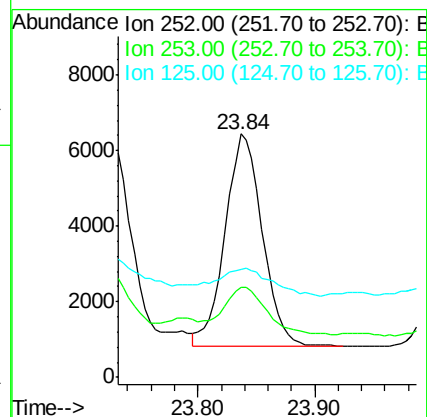
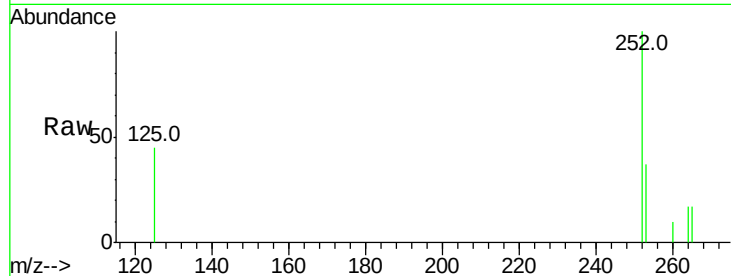
Tot Ion:252 Resp: 12436

Ion Ratio Lower Upper

252 100

253 36.8 28.5 42.7

125 44.6 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.227 ng/ul

RT: 26.64 min Scan# 4353

Delta R.T. -0.01 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

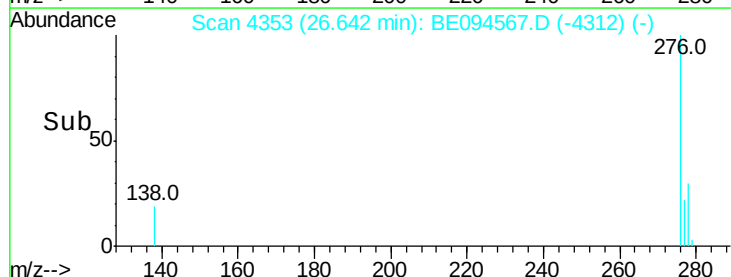
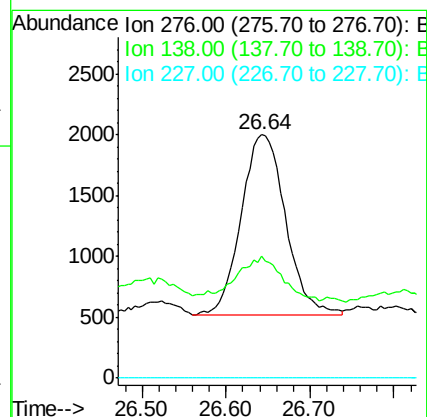
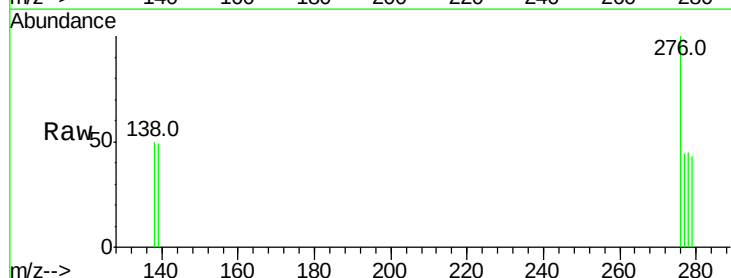
Tgt Ion:276 Resp: 5448

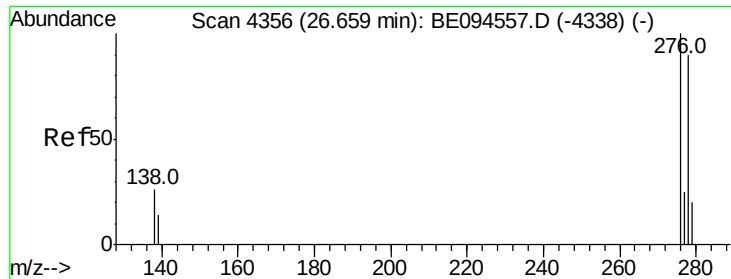
Ion Ratio Lower Upper

276 100

138 24.6 28.0 42.0#

227 0.0 8.0 12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.100 ng/ul

RT: 26.63 min Scan# 4350

Delta R.T. -0.03 min

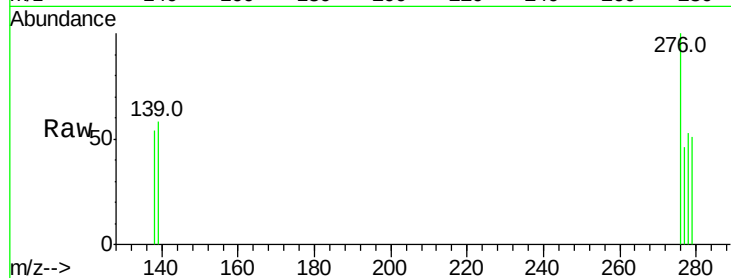
Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

Instrument :

BNA_E

ClientSampleId :



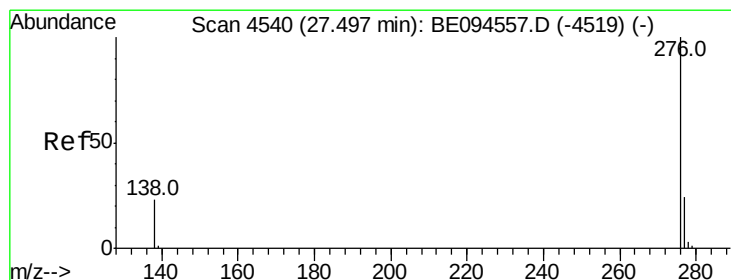
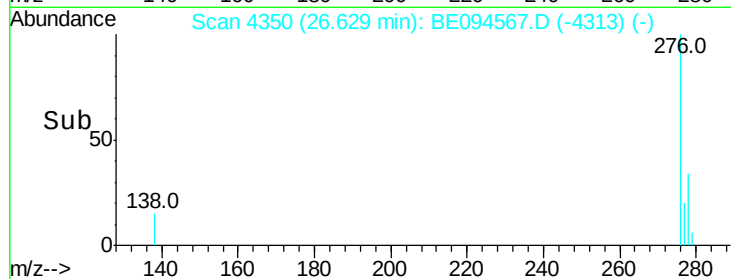
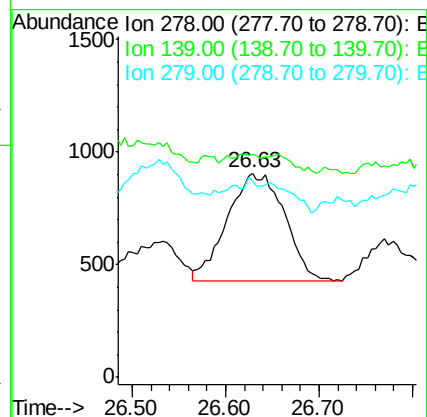
Tot Ion:278 Resp: 2032

Ion Ratio Lower Upper

278 100

139 109.3 17.4 26.0#

279 96.1 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.400 ng/ul

RT: 27.48 min Scan# 4537

Delta R.T. -0.02 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

Tgt Ion:276 Resp: 7714

Ion Ratio Lower Upper

276 100

138 45.2 21.8 32.8#

277 41.4 20.5 30.7#

