

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094397.D
 Acq On : 15 Oct 2017 17:30
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 06:56:29 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 06:50:03 2017
 Response via : Initial Calibration

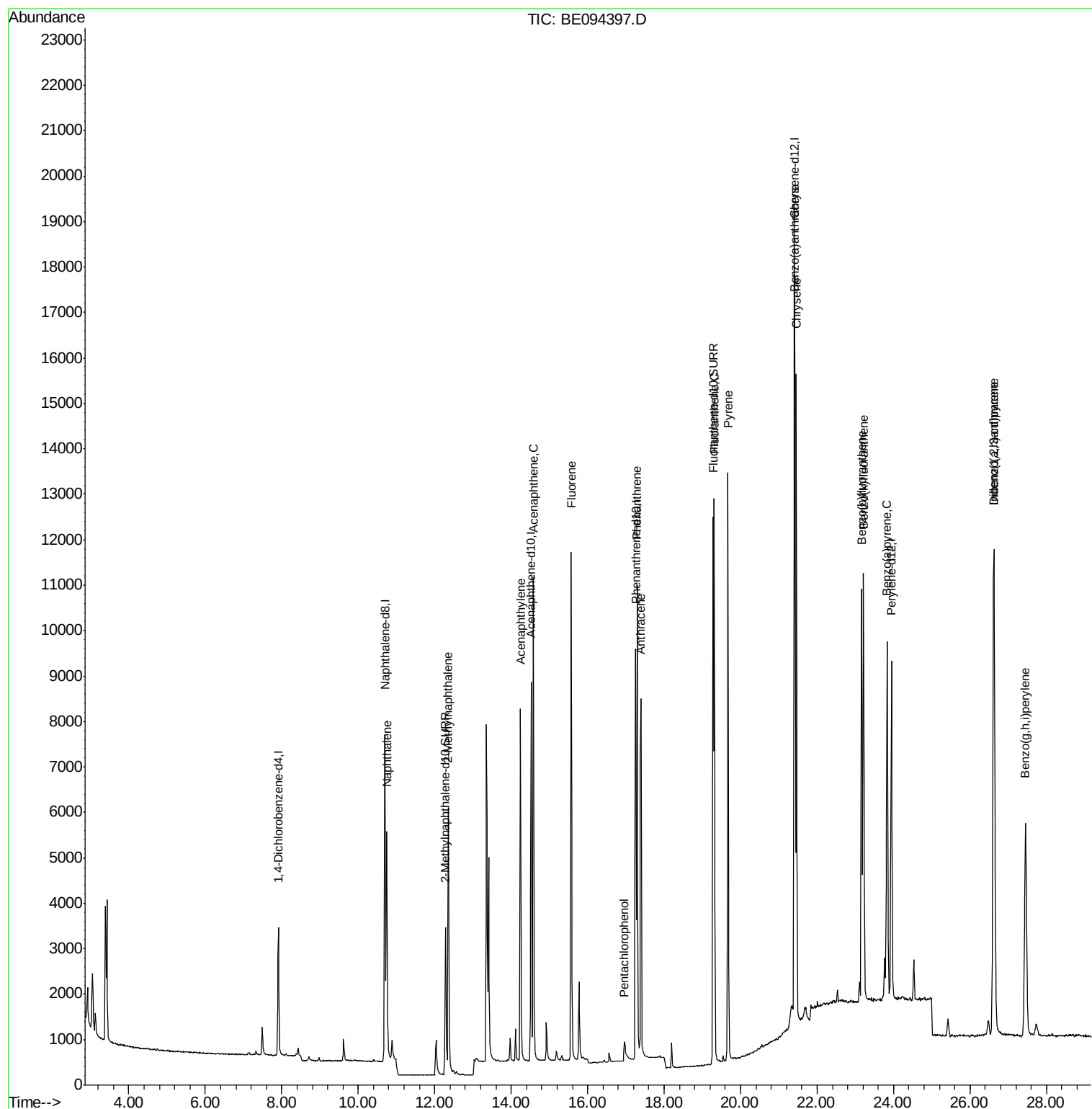
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1648	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8693	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5263	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11958	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	12217	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	11671	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	5649	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	14409	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	8340	0.392	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	6041	0.437	ng/ul	98
7) Acenaphthylene	14.24	152	9774	0.476	ng/ul	96
8) Acenaphthene	14.58	153	6777	0.401	ng/ul	99
9) Fluorene	15.57	166	7930	0.401	ng/ul#	91
11) Pentachlorophenol	16.96	266	709	0.505	ng/ul	96
12) Phenanthrene	17.29	178	12602	0.403	ng/ul#	87
13) Anthracene	17.39	178	12662	0.417	ng/ul	93
15) Fluoranthene	19.31	202	14765	0.360	ng/ul	84
17) Pyrene	19.67	202	15410	0.453	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	14447	0.446	ng/ul#	88
19) Chrysene	21.46	228	13594	0.363	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	13283	0.419	ng/ul	93
22) Benzo(k)fluoranthene	23.22	252	13625	0.372	ng/ul	93
23) Benzo(a)pyrene	23.83	252	12740	0.387	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.62	276	14294	0.424	ng/ul#	85
25) Dibenzo(a,h)anthracene	26.63	278	12129	0.429	ng/ul	93
26) Benzo(g,h,i)perylene	27.45	276	11969	0.412	ng/ul	97

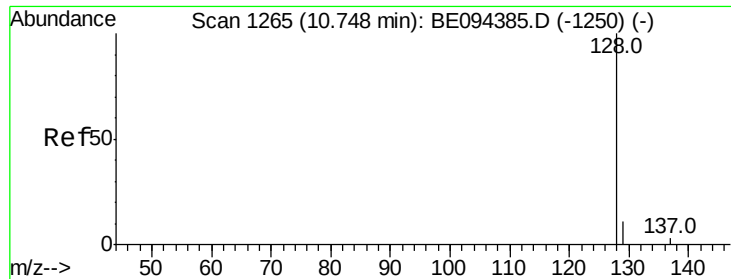
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094397.D
Acq On : 15 Oct 2017 17:30
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 16 06:56:29 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 06:50:03 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.392 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE094397.D

Acq: 15 Oct 2017 17:30

Instrument :

BNA_E

ClientSampleId :

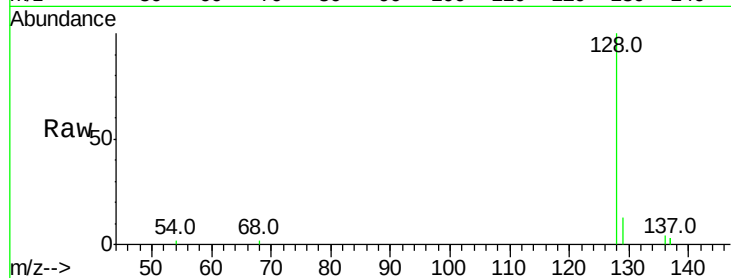
Tot Ion:128 Resp: 8340

Ion Ratio Lower Upper

128 100

129 12.5 11.3 16.9

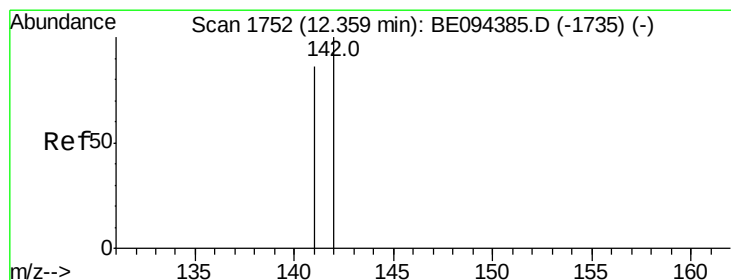
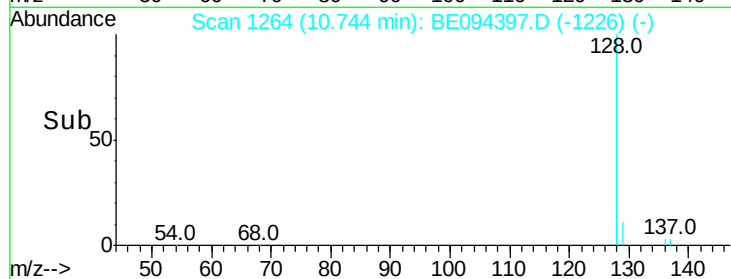
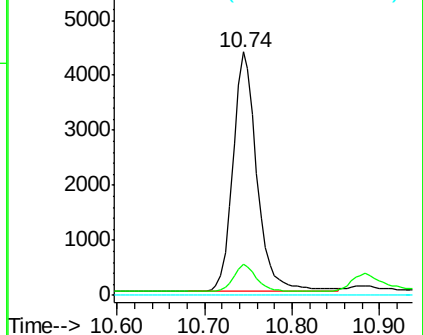
127 0.0 4.0 6.0#



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: 0.437 ng/ul

RT: 12.35 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BE094397.D

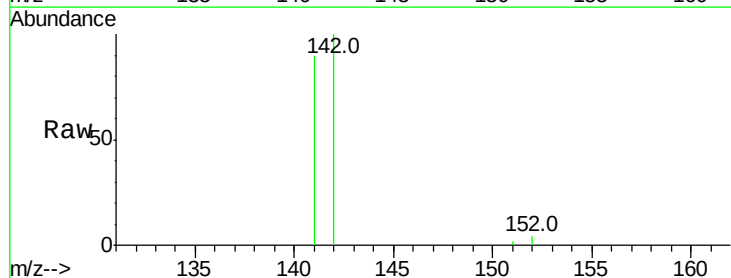
Acq: 15 Oct 2017 17:30

Tgt Ion:142 Resp: 6041

Ion Ratio Lower Upper

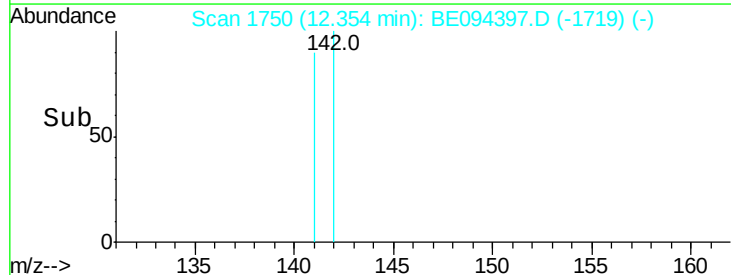
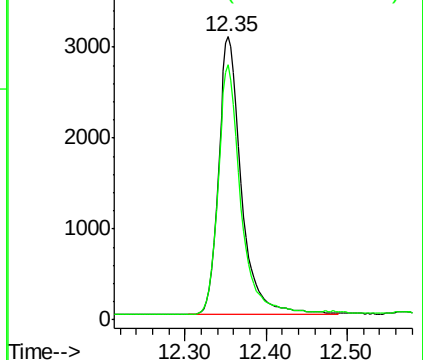
142 100

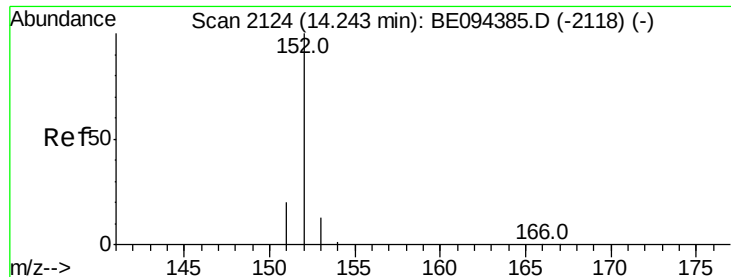
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.476 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094397.D

Acq: 15 Oct 2017 17:30

Instrument :

BNA_E

ClientSampleId :

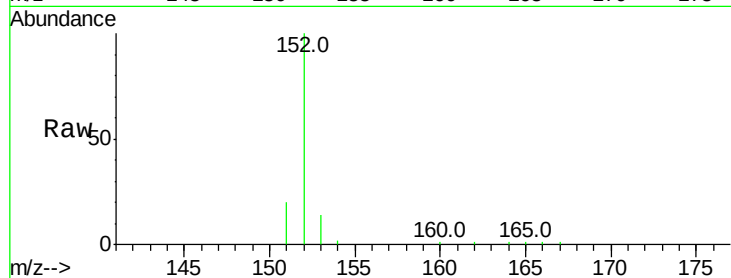
Tot Ion:152 Resp: 9774

Ion Ratio Lower Upper

152 100

151 20.1 17.1 25.7

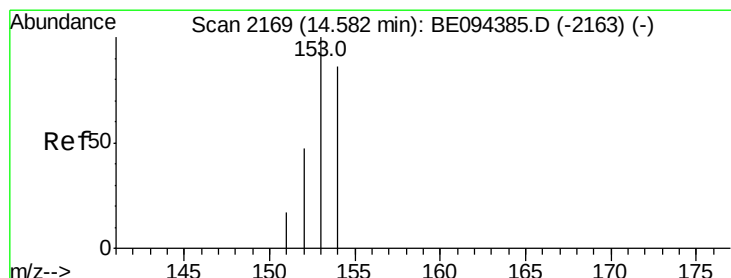
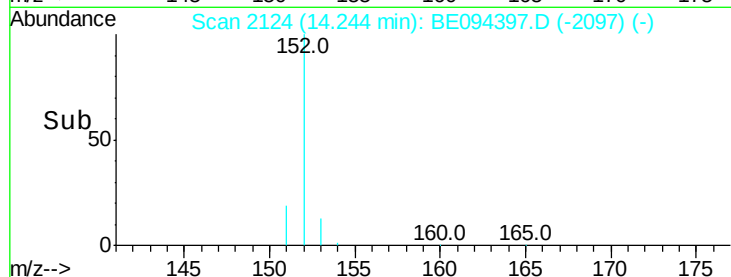
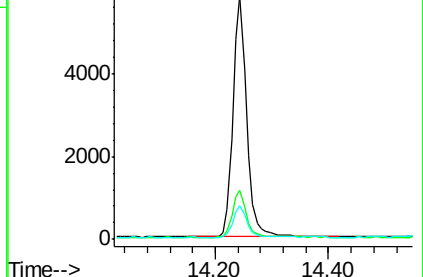
153 13.8 12.8 19.2



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



#8

Acenaphthene

Concen: 0.401 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE094397.D

Acq: 15 Oct 2017 17:30

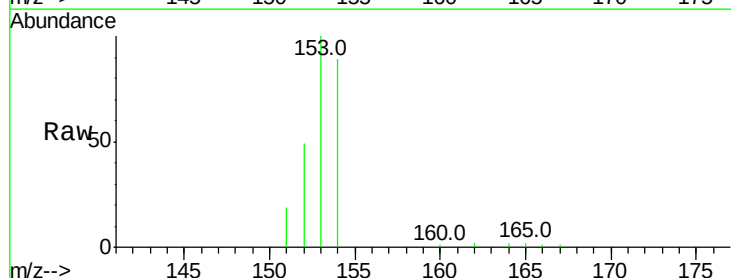
Tgt Ion:153 Resp: 6777

Ion Ratio Lower Upper

153 100

152 48.8 40.3 60.5

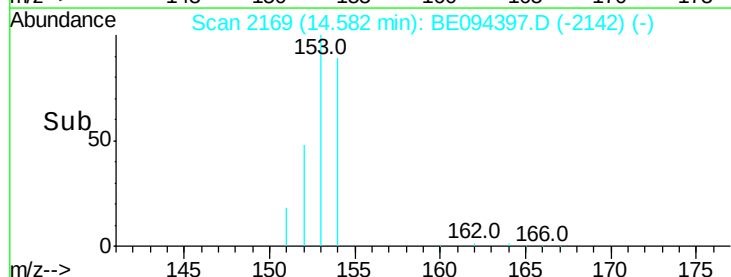
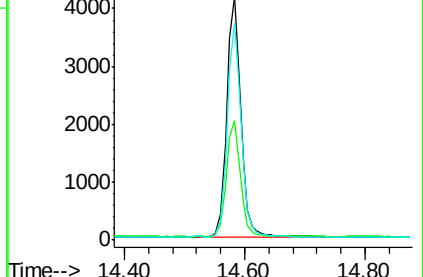
154 89.1 71.4 107.2

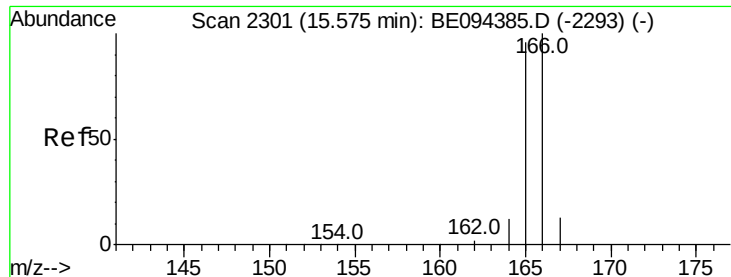


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.401 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094397.D

Acq: 15 Oct 2017 17:30

Instrument :

BNA_E

ClientSampleId :

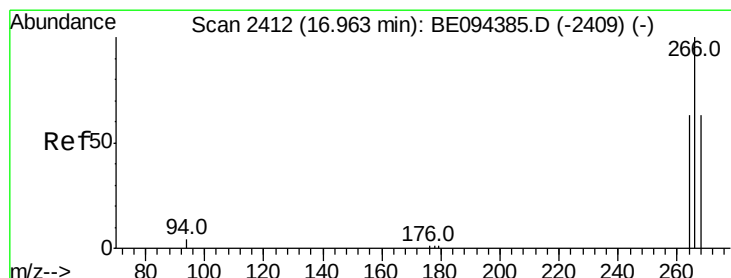
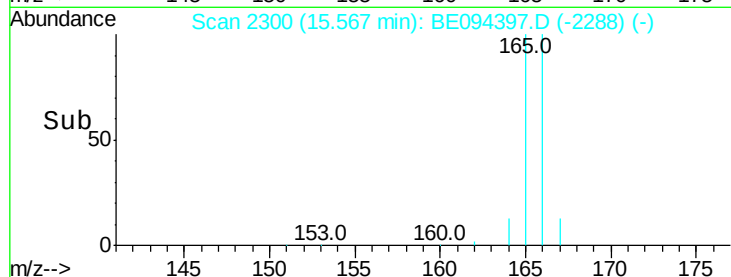
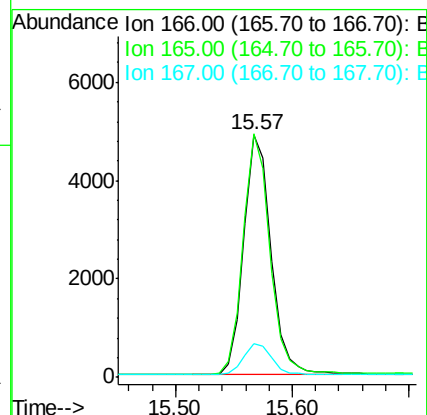
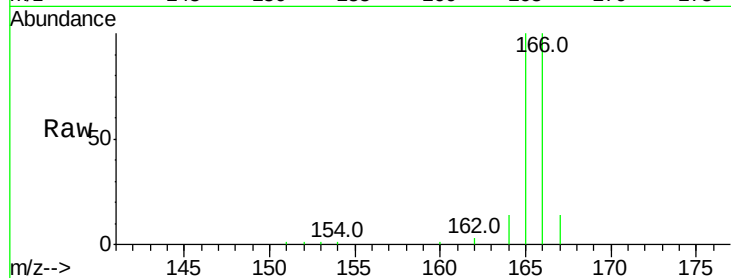
Tot Ion:166 Resp: 7930

Ion Ratio Lower Upper

166 100

165 100.3 73.4 110.2

167 14.1 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.505 ng/ul

RT: 16.96 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BE094397.D

Acq: 15 Oct 2017 17:30

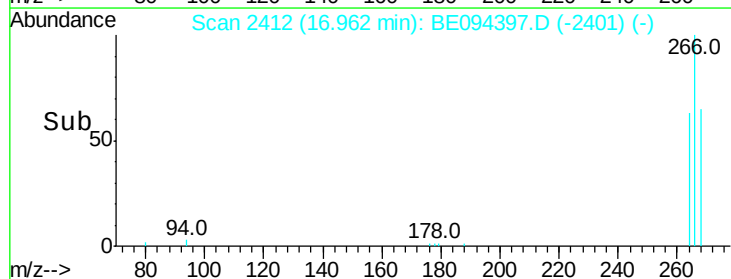
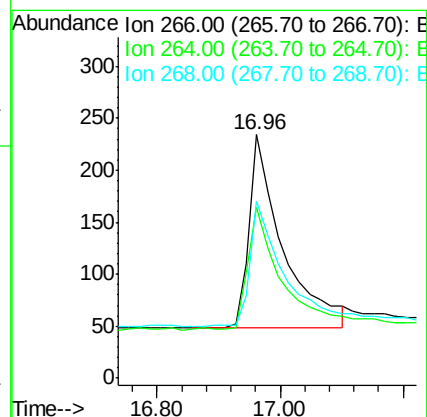
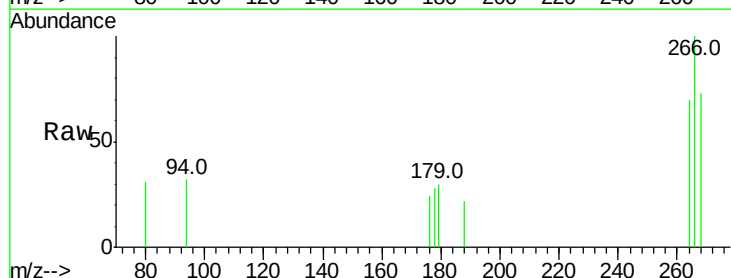
Tgt Ion:266 Resp: 709

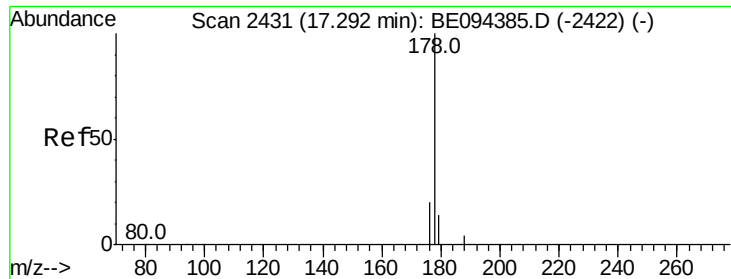
Ion Ratio Lower Upper

266 100

264 63.0 47.9 71.9

268 64.6 49.8 74.8





#12

Phenanthrene

Concen: 0.403 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE094397.D

Acq: 15 Oct 2017 17:30

Instrument :

BNA_E

ClientSampleId :

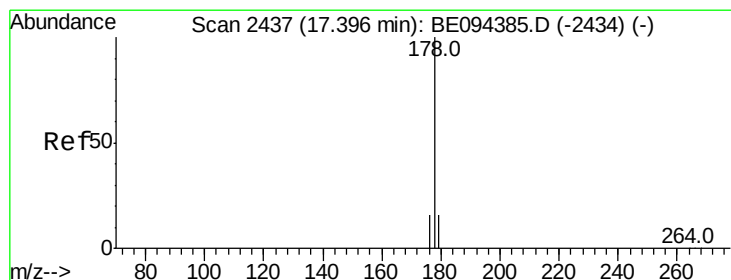
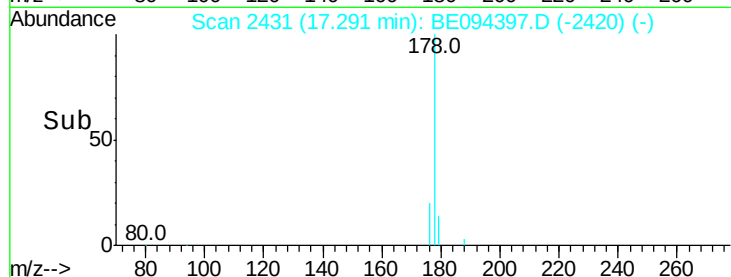
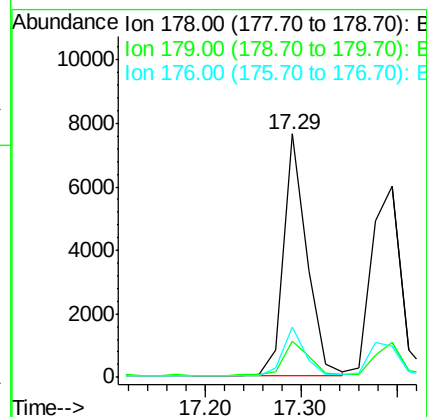
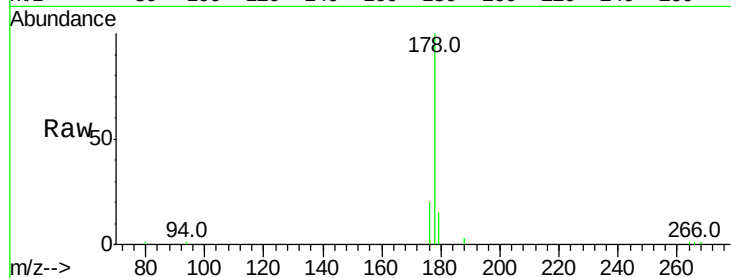
Tot Ion:178 Resp: 12602

Ion Ratio Lower Upper

178 100

179 15.1 18.4 27.6#

176 20.5 13.6 20.4#



#13

Anthracene

Concen: 0.417 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BE094397.D

Acq: 15 Oct 2017 17:30

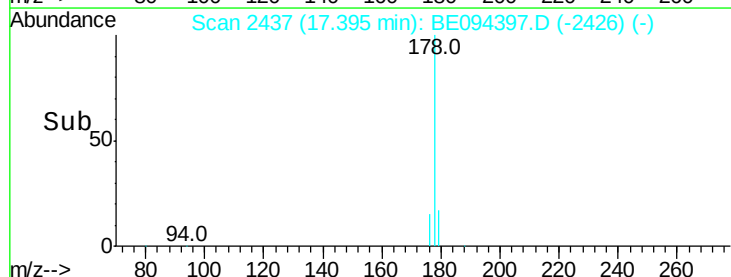
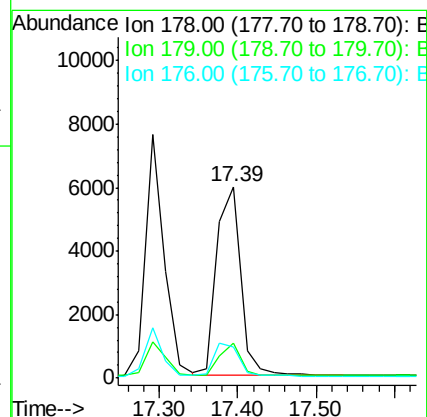
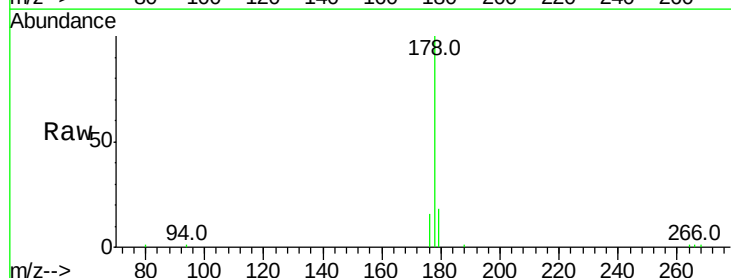
Tgt Ion:178 Resp: 12662

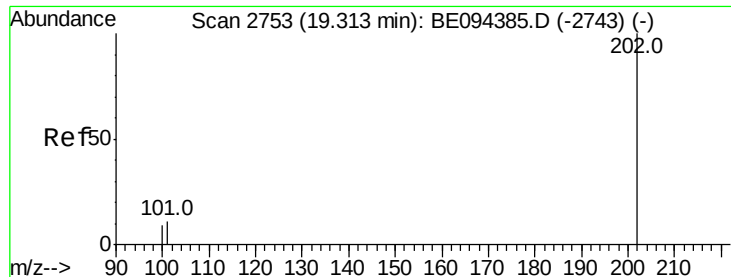
Ion Ratio Lower Upper

178 100

179 18.1 18.1 27.1

176 16.3 14.7 22.1

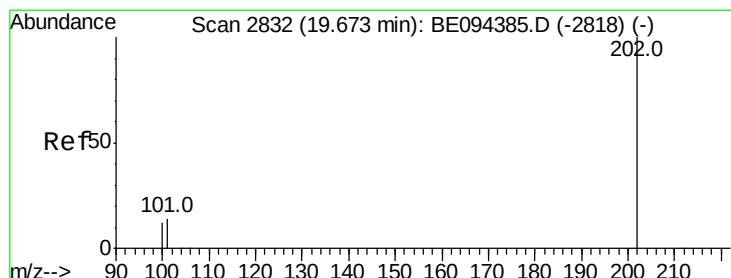
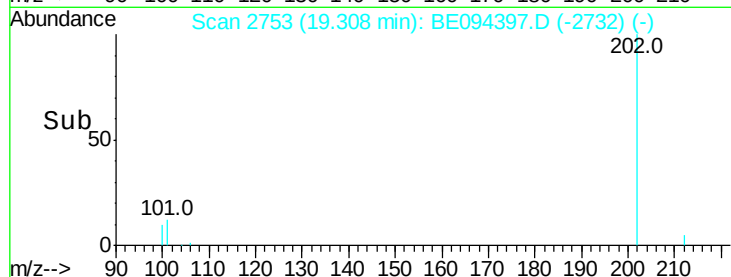
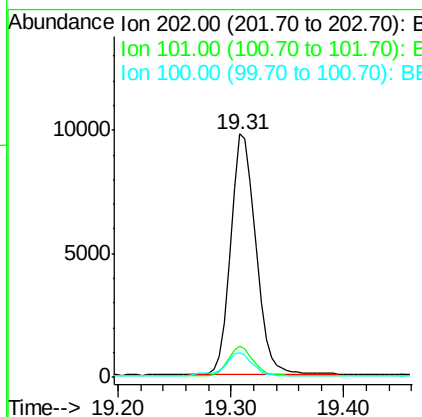
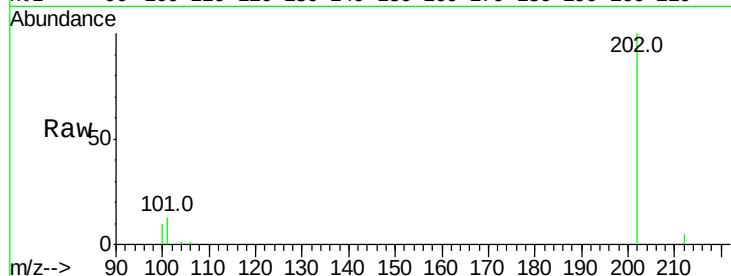




#15
Fluoranthene
 Concen: 0.360 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.00 min
 Lab File: BE094397.D
 Acq: 15 Oct 2017 17:30

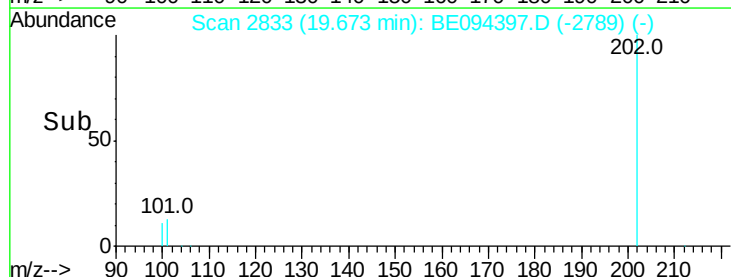
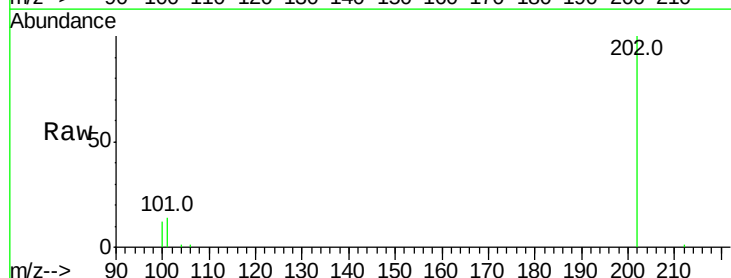
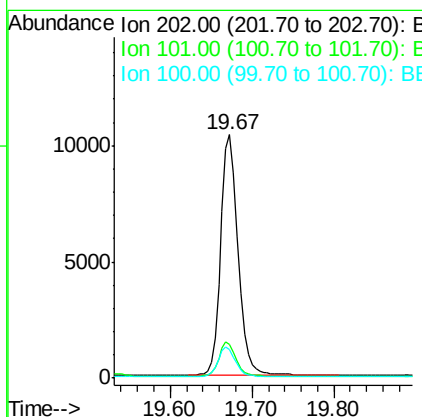
Instrument :
 BNA_E
 ClientSampleId :

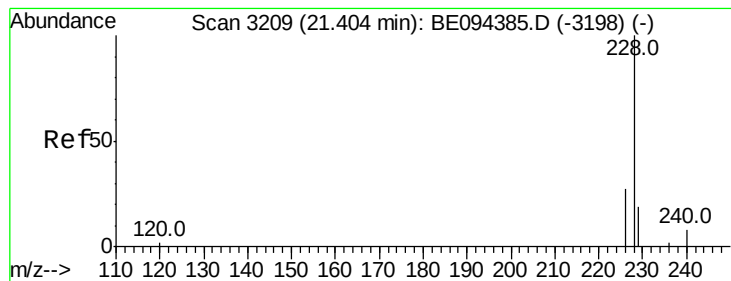
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	30.3
100	10.3	0.0	39.5



#17
Pyrene
 Concen: 0.453 ng/ul
 RT: 19.67 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BE094397.D
 Acq: 15 Oct 2017 17:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	18.2	27.4#
100	11.9	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.446 ng/ul

RT: 21.40 min Scan# 3210

Delta R.T. 0.00 min

Lab File: BE094397.D

Acq: 15 Oct 2017 17:30

Instrument :

BNA_E

ClientSampled :

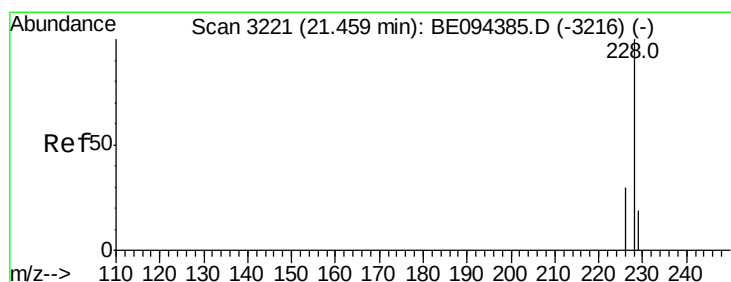
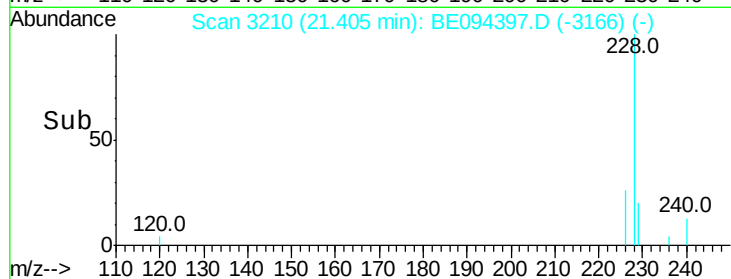
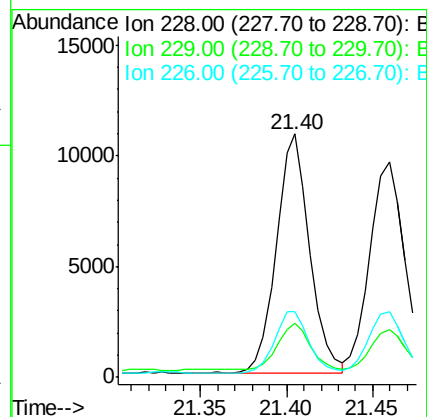
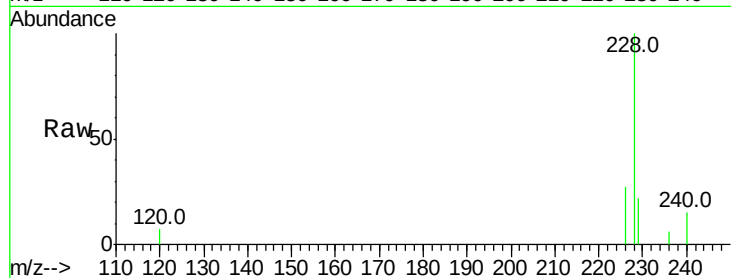
Tot Ion:228 Resp: 14447

Ion Ratio Lower Upper

228 100

229 22.1 22.8 34.2#

226 27.2 17.0 25.6#



#19

Chrysene

Concen: 0.363 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BE094397.D

Acq: 15 Oct 2017 17:30

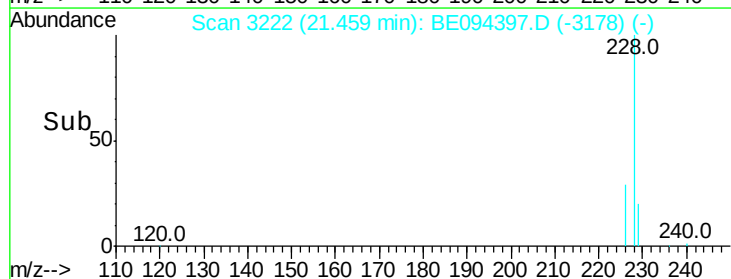
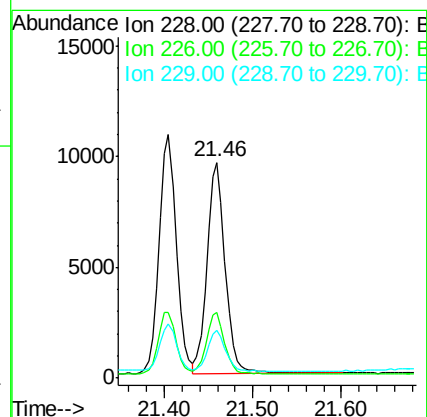
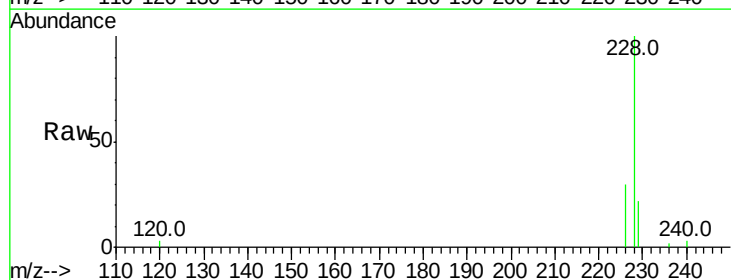
Tgt Ion:228 Resp: 13594

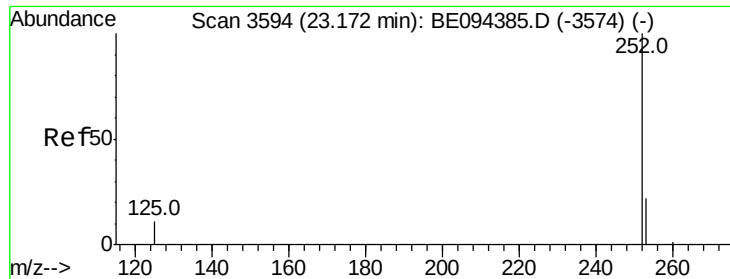
Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.0

229 22.1 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.419 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.00 min

Lab File: BE094397.D

Acq: 15 Oct 2017 17:30

Instrument :

BNA_E

ClientSampleId :

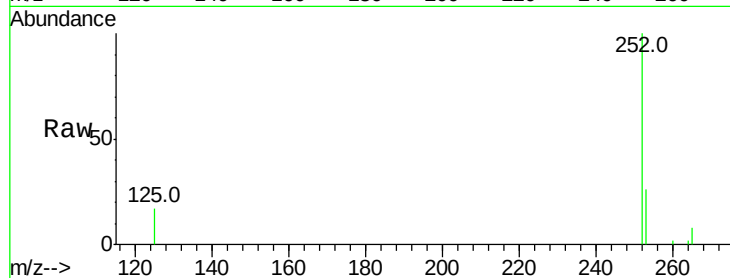
Tot Ion:252 Resp: 13283

Ion Ratio Lower Upper

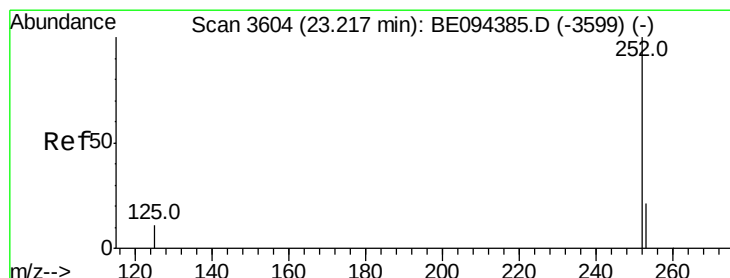
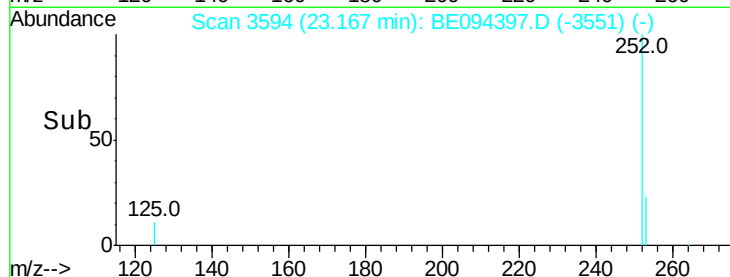
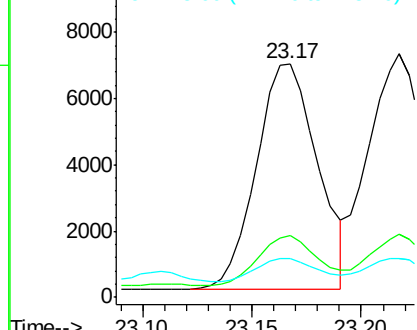
252 100

253 26.4 0.0 64.2

125 16.5 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: 0.372 ng/ul

RT: 23.22 min Scan# 3605

Delta R.T. 0.00 min

Lab File: BE094397.D

Acq: 15 Oct 2017 17:30

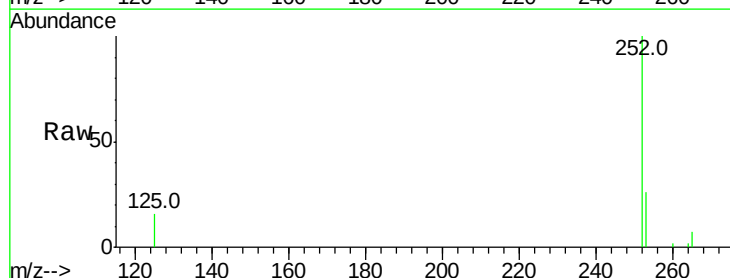
Tgt Ion:252 Resp: 13625

Ion Ratio Lower Upper

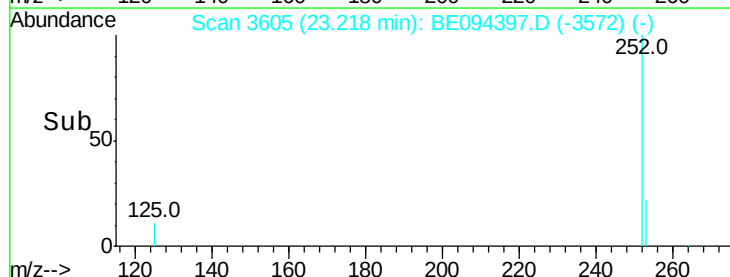
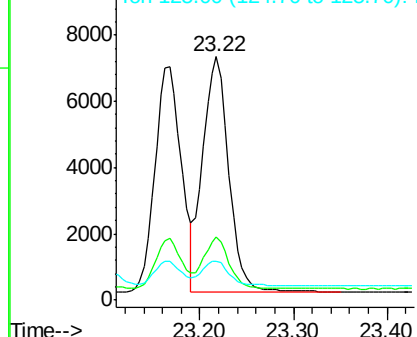
252 100

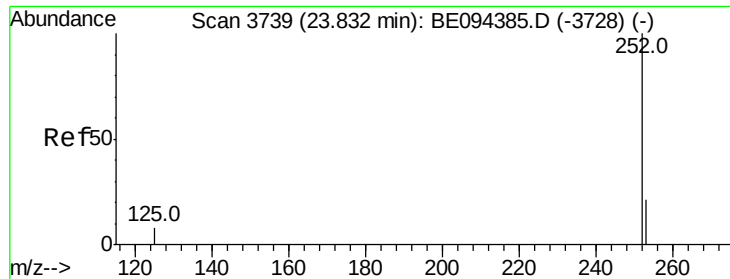
253 25.8 24.5 36.7

125 16.1 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: 0.387 ng/ul

RT: 23.83 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BE094397.D

Acq: 15 Oct 2017 17:30

Instrument :

BNA_E

ClientSampleId :

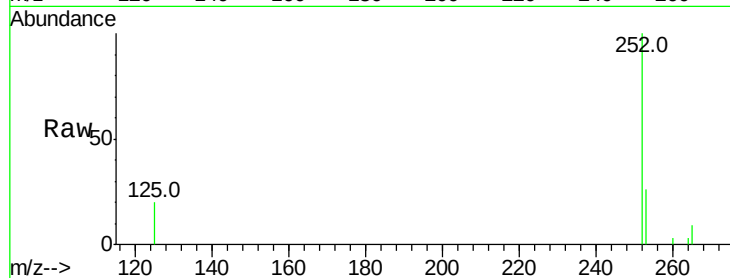
Tot Ion:252 Resp: 12740

Ion Ratio Lower Upper

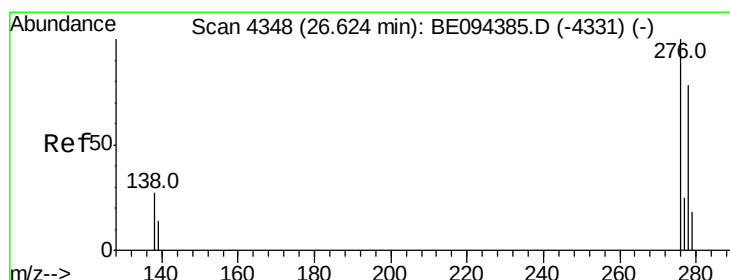
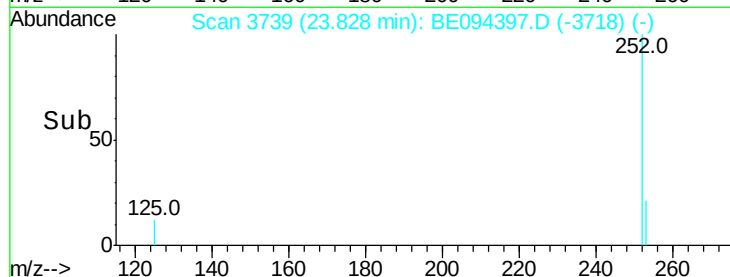
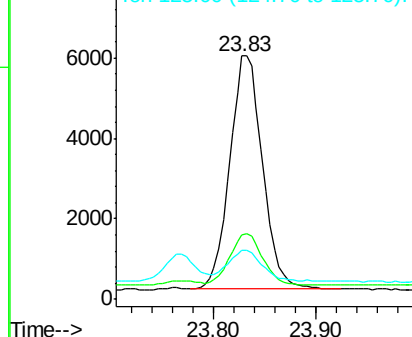
252 100

253 26.5 28.5 42.7#

125 20.1 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: 0.424 ng/ul

RT: 26.62 min Scan# 4348

Delta R.T. -0.01 min

Lab File: BE094397.D

Acq: 15 Oct 2017 17:30

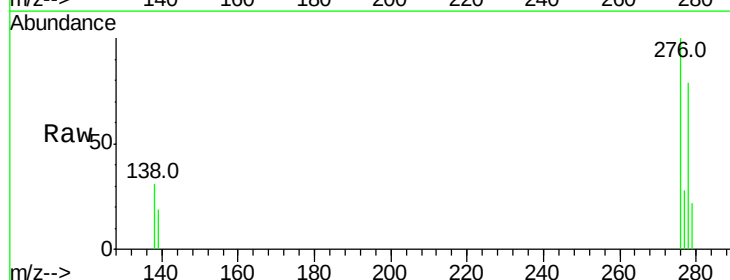
Tgt Ion:276 Resp: 14294

Ion Ratio Lower Upper

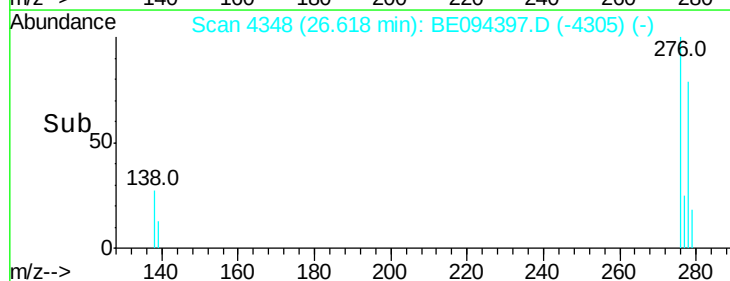
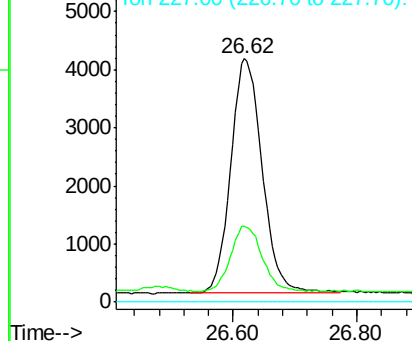
276 100

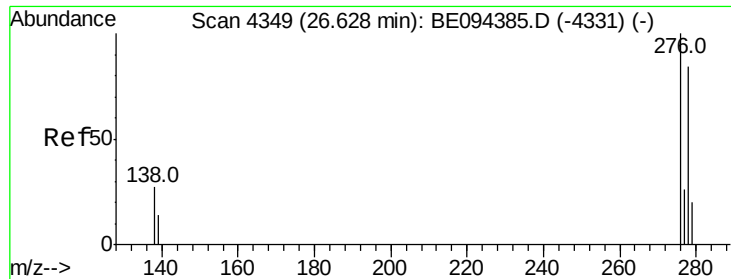
138 28.1 28.0 42.0

227 0.0 8.0 12.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.429 ng/ul

RT: 26.63 min Scan# 4351

Delta R.T. 0.00 min

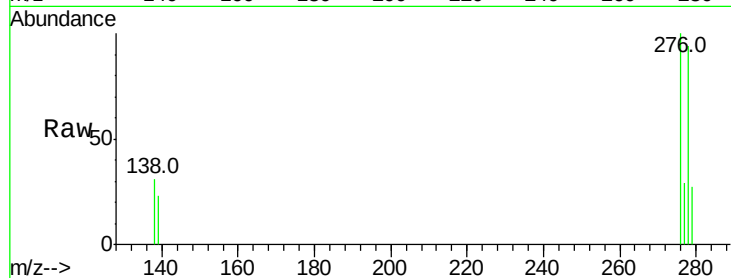
Lab File: BE094397.D

Acq: 15 Oct 2017 17:30

Instrument :

BNA_E

ClientSampleId :



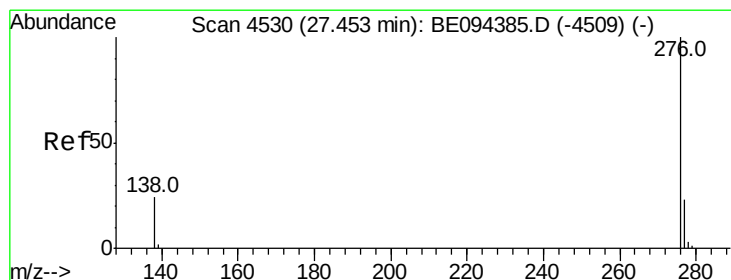
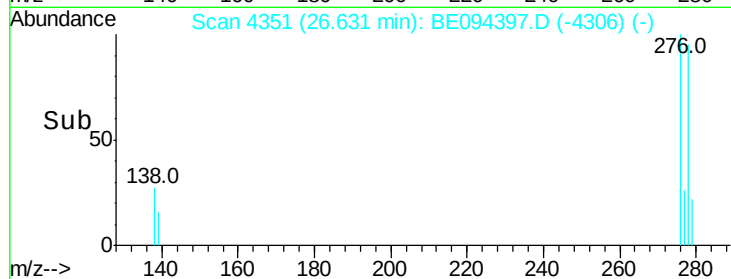
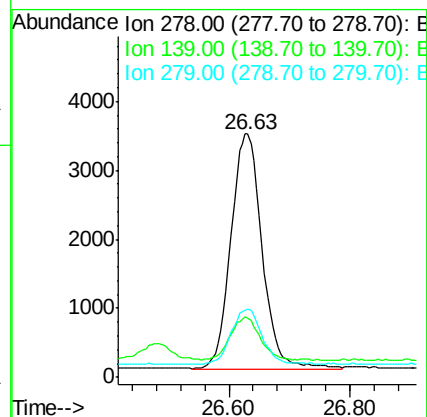
Tot Ion:278 Resp: 12129

Ion Ratio Lower Upper

278 100

139 24.3 17.4 26.0

279 28.2 25.9 38.9



#26

Benzo(g,h,i)perylene

Concen: 0.412 ng/ul

RT: 27.45 min Scan# 4530

Delta R.T. -0.01 min

Lab File: BE094397.D

Acq: 15 Oct 2017 17:30

Tgt Ion:276 Resp: 11969

Ion Ratio Lower Upper

276 100

138 28.7 21.8 32.8

277 27.4 20.5 30.7

