

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094385.D
 Acq On : 15 Oct 2017 10:08
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 05:11:29 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 05:09:03 2017
 Response via : Initial Calibration

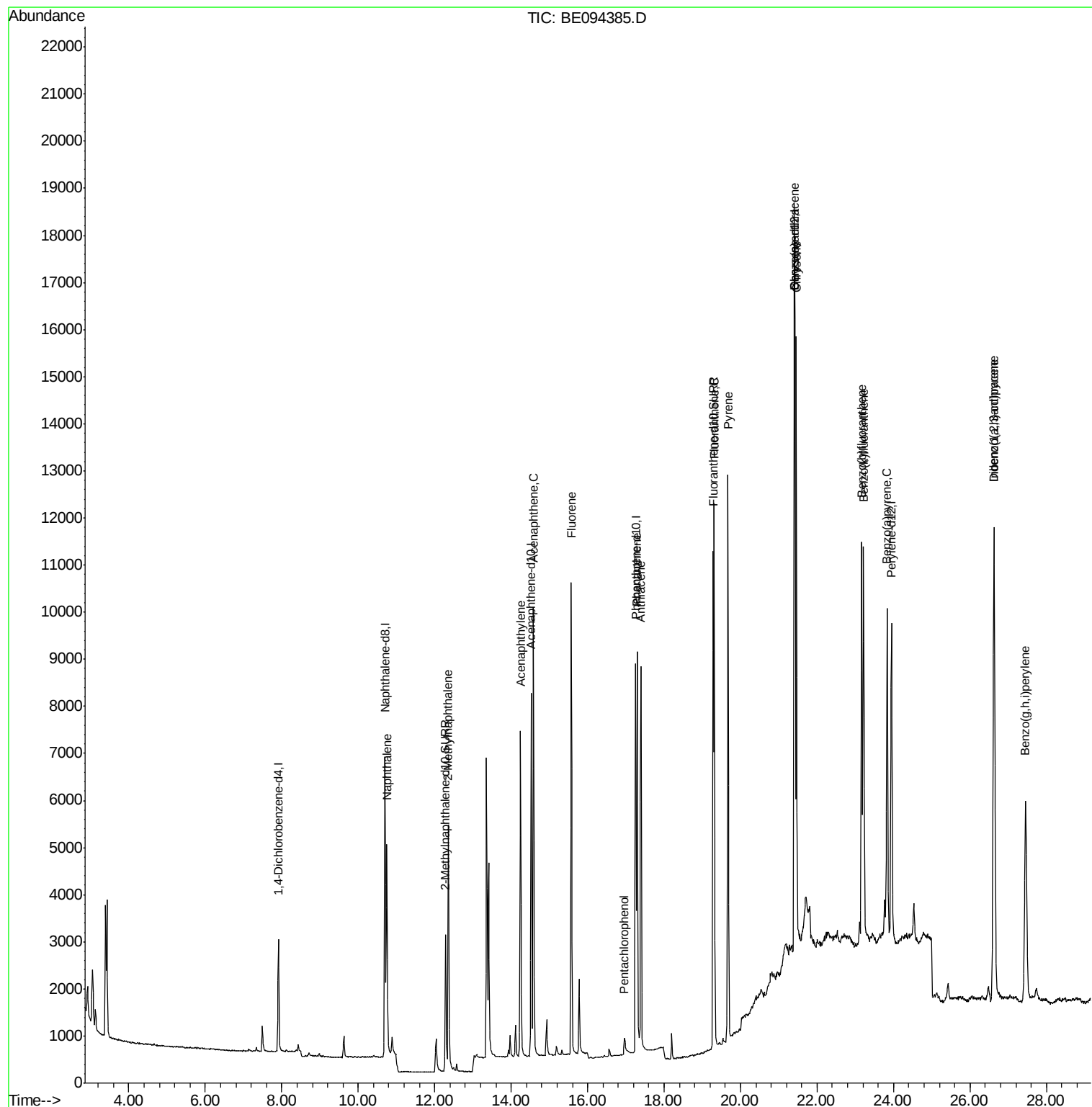
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1413	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	7731	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4698	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11002	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	11070	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	10477	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4957	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	12852	0.35	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	7458	0.394	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	5378	0.438	ng/ul	98
7) Acenaphthylene	14.24	152	8882	0.485	ng/ul	97
8) Acenaphthene	14.58	153	6191	0.411	ng/ul	97
9) Fluorene	15.57	166	7169	0.406	ng/ul#	94
11) Pentachlorophenol	16.96	266	567	0.439	ng/ul	96
12) Phenanthrene	17.29	178	11492	0.400	ng/ul#	87
13) Anthracene	17.40	178	11845	0.424	ng/ul#	93
15) Fluoranthene	19.31	202	13641	0.361	ng/ul	84
17) Pyrene	19.67	202	14758	0.479	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	13093	0.446	ng/ul#	90
19) Chrysene	21.46	228	12372	0.365	ng/ul	92
21) Benzo(b)fluoranthene	23.17	252	12457	0.438	ng/ul	94
22) Benzo(k)fluoranthene	23.22	252	11962	0.364	ng/ul#	94
23) Benzo(a)pyrene	23.83	252	11486	0.388	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	26.62	276	13148	0.435	ng/ul#	84
25) Dibenzo(a,h)anthracene	26.63	278	11076	0.436	ng/ul#	92
26) Benzo(g,h,i)perylene	27.45	276	11148	0.427	ng/ul#	91

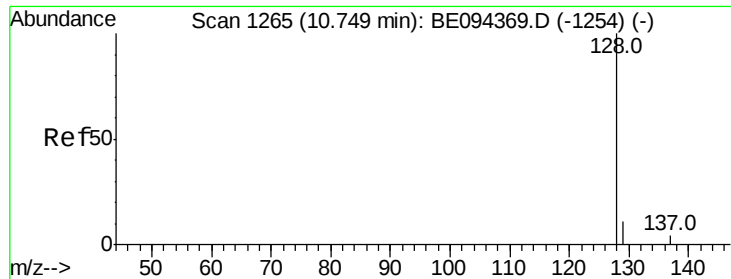
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094385.D
Acq On : 15 Oct 2017 10:08
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 16 05:11:29 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 05:09:03 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.394 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE094385.D

Acq: 15 Oct 2017 10:08

Instrument :

BNA_E

ClientSampleId :

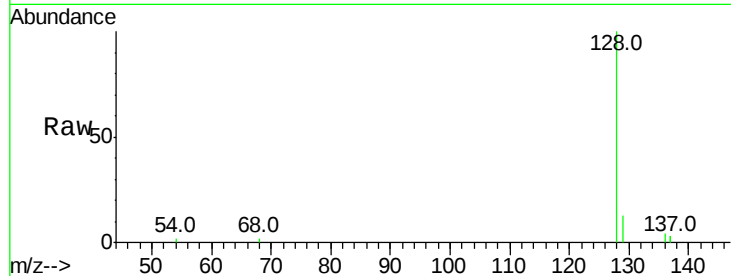
Tot Ion:128 Resp: 7458

Ion Ratio Lower Upper

128 100

129 13.3 11.3 16.9

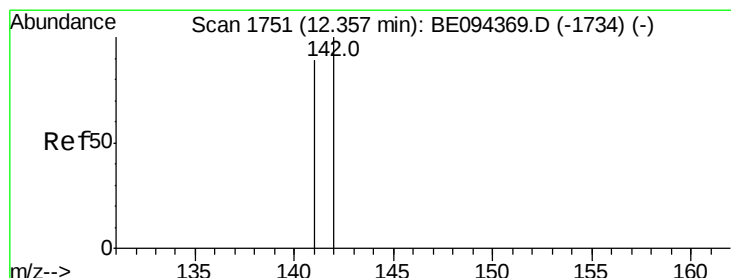
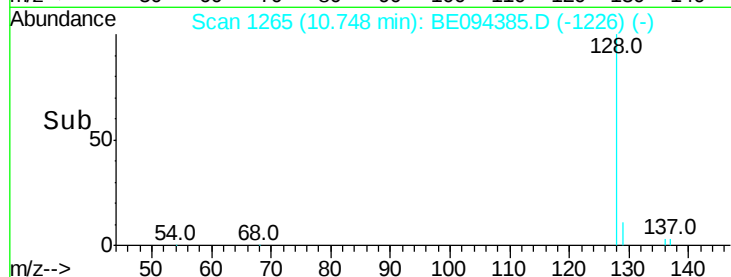
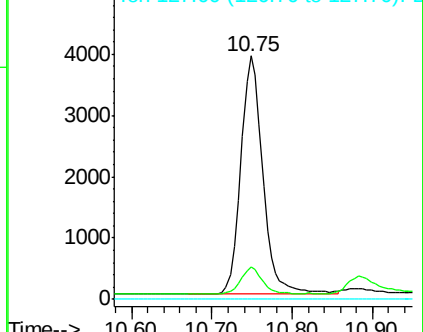
127 0.0 4.0 6.0#



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: 0.438 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BE094385.D

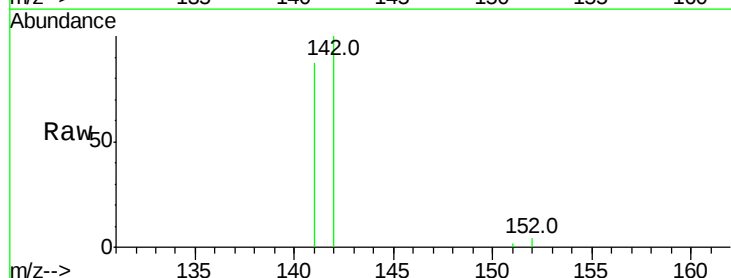
Acq: 15 Oct 2017 10:08

Tgt Ion:142 Resp: 5378

Ion Ratio Lower Upper

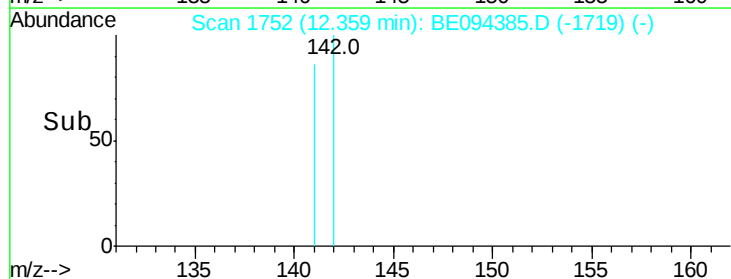
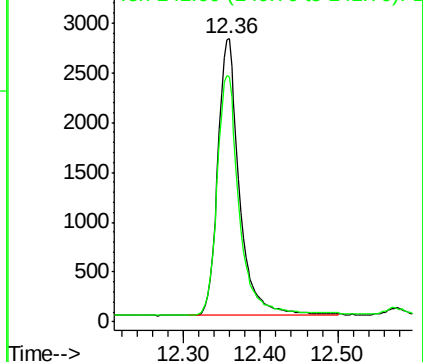
142 100

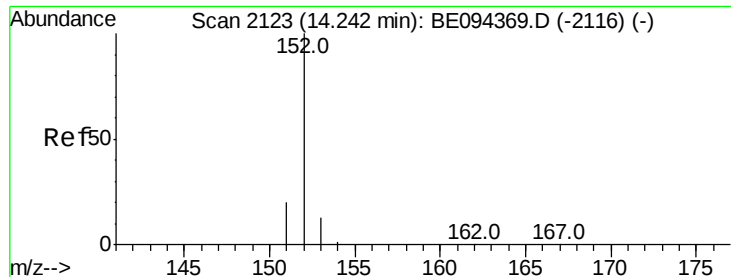
141 89.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.485 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094385.D

Acq: 15 Oct 2017 10:08

Instrument :

BNA_E

ClientSampleId :

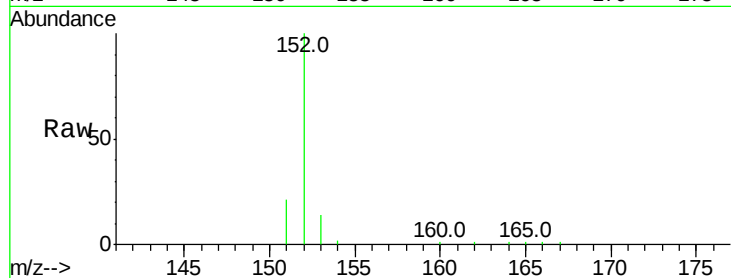
Tot Ion:152 Resp: 8882

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

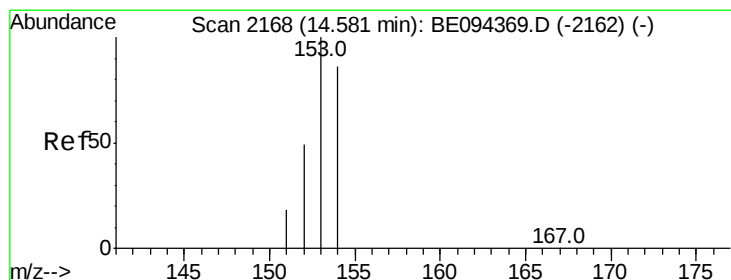
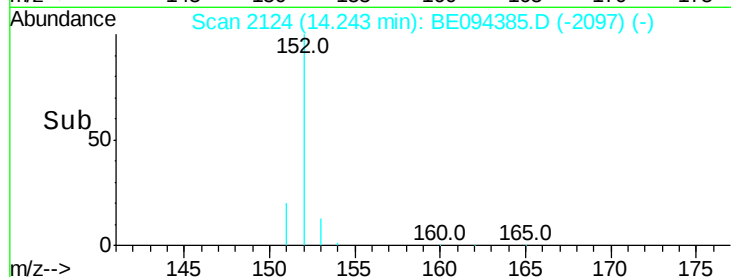
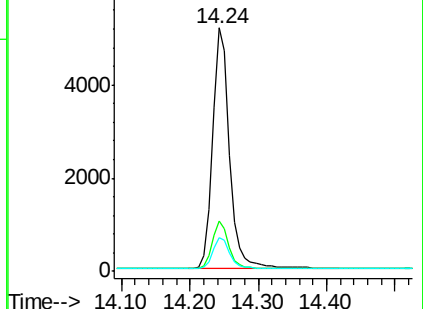
153 13.7 12.8 19.2



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: 0.411 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE094385.D

Acq: 15 Oct 2017 10:08

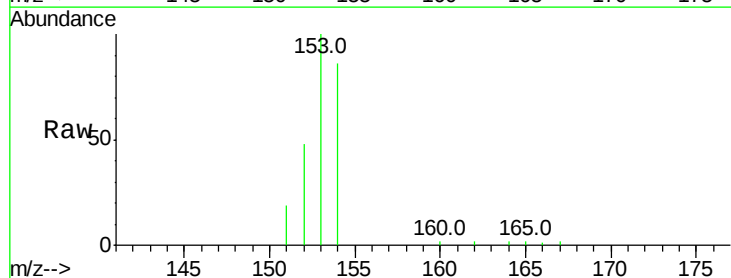
Tgt Ion:153 Resp: 6191

Ion Ratio Lower Upper

153 100

152 48.4 40.3 60.5

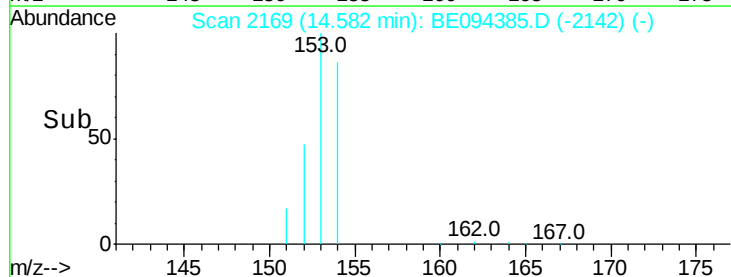
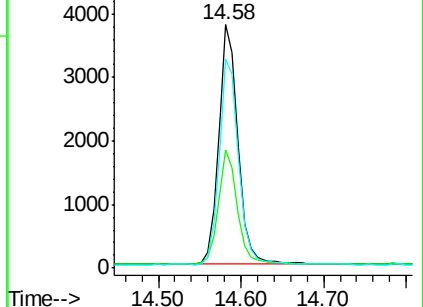
154 86.1 71.4 107.2

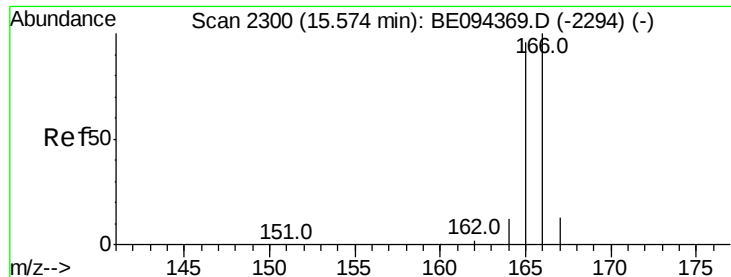


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

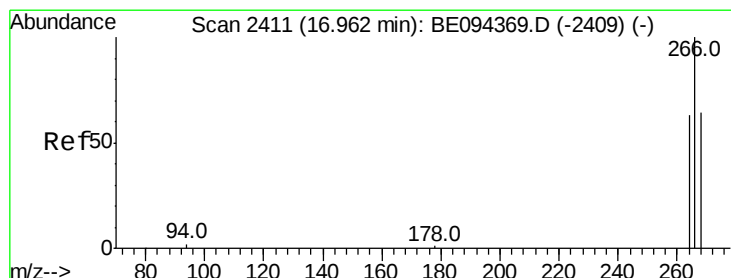
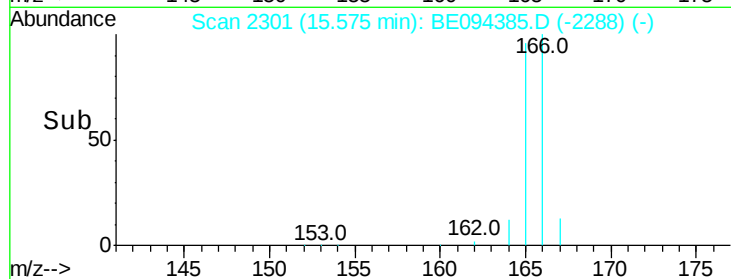
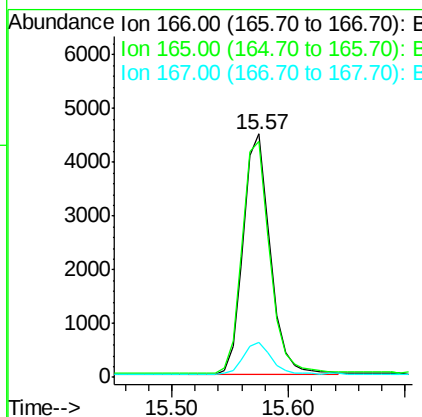
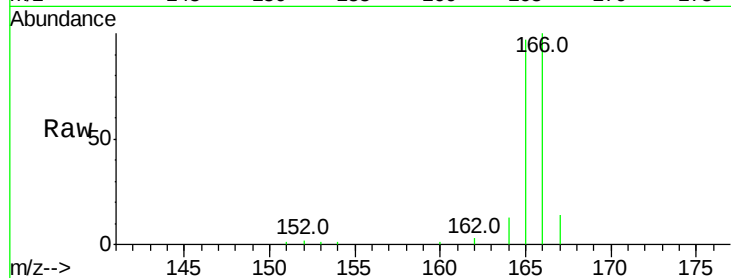




#9
Fluorene
 Concen: 0.406 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BE094385.D
 Acq: 15 Oct 2017 10:08

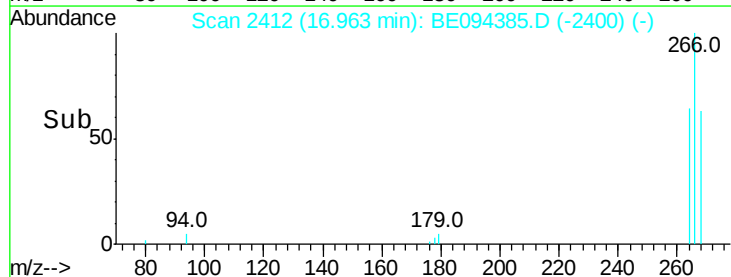
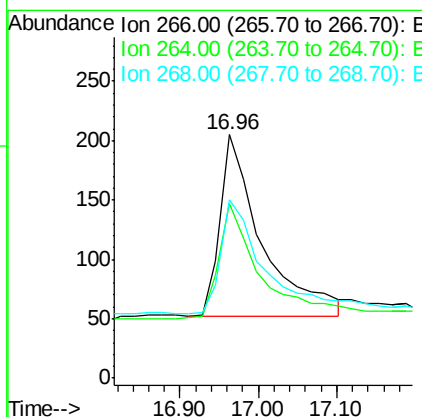
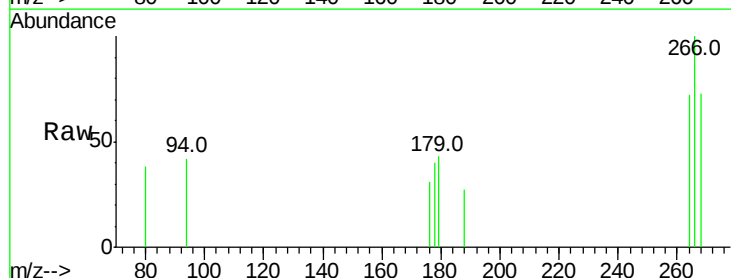
Instrument :
 BNA_E
 ClientSampleId :

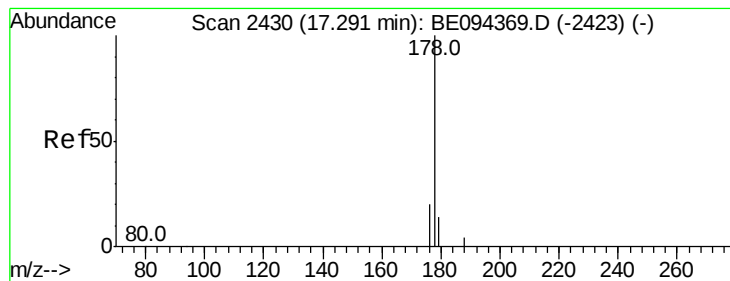
Tot Ion:166 Resp: 7169
 Ion Ratio Lower Upper
 166 100
 165 96.8 73.4 110.2
 167 14.4 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.439 ng/ul
 RT: 16.96 min Scan# 2412
 Delta R.T. 0.00 min
 Lab File: BE094385.D
 Acq: 15 Oct 2017 10:08

Tgt Ion:266 Resp: 567
 Ion Ratio Lower Upper
 266 100
 264 63.3 47.9 71.9
 268 65.6 49.8 74.8





#12

Phenanthrene

Concen: 0.400 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE094385.D

Acq: 15 Oct 2017 10:08

Instrument :

BNA_E

ClientSampleId :

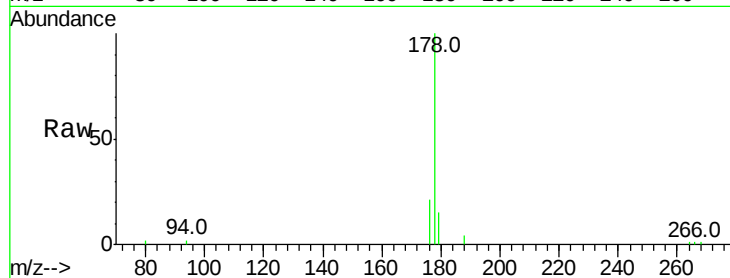
Tot Ion:178 Resp: 11492

Ion Ratio Lower Upper

178 100

179 15.3 18.4 27.6#

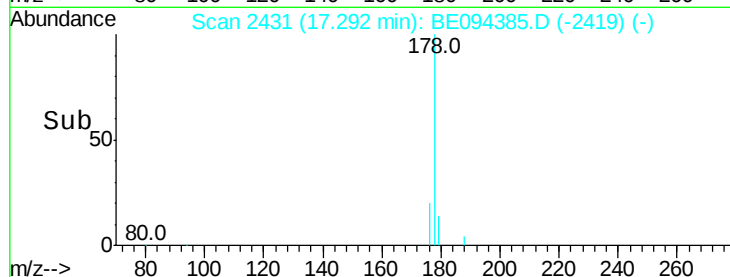
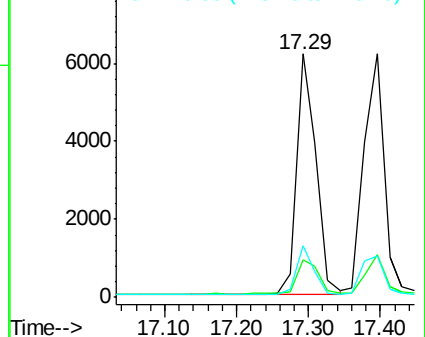
176 21.1 13.6 20.4#



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: 0.424 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094385.D

Acq: 15 Oct 2017 10:08

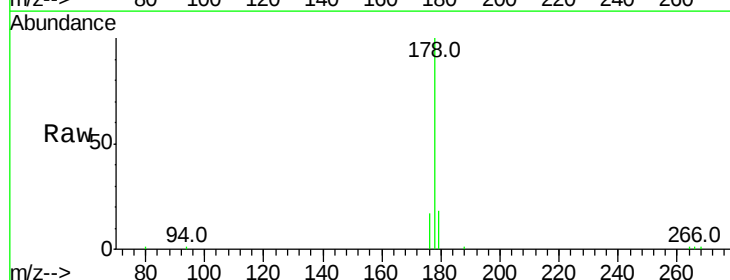
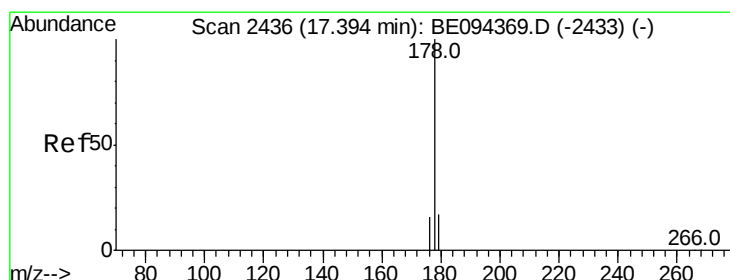
Tgt Ion:178 Resp: 11845

Ion Ratio Lower Upper

178 100

179 17.7 18.1 27.1#

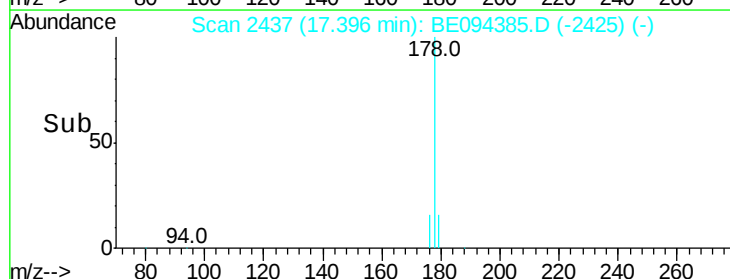
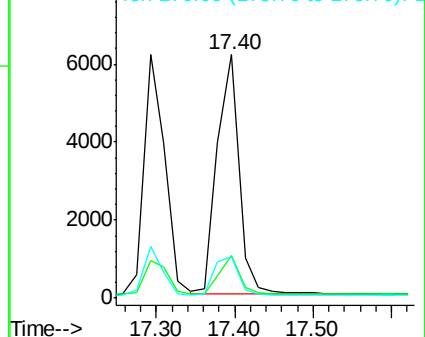
176 16.9 14.7 22.1

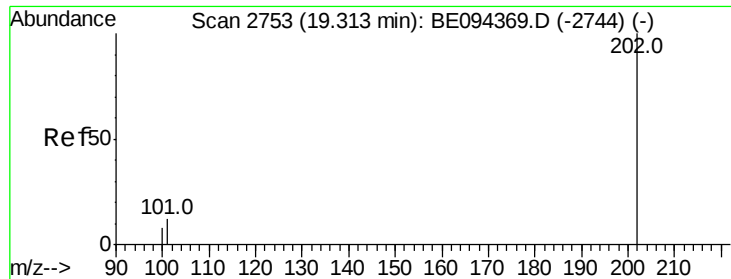


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.361 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE094385.D

Acq: 15 Oct 2017 10:08

Instrument :

BNA_E

ClientSampleId :

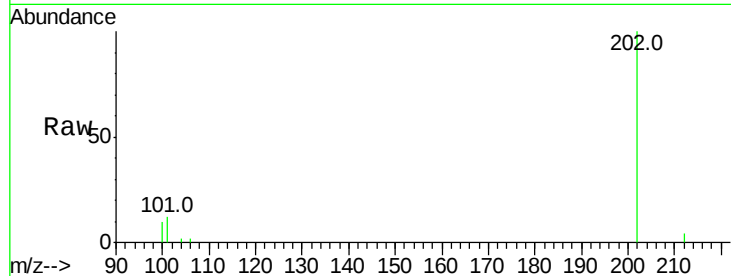
Tot Ion:202 Resp: 13641

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.3

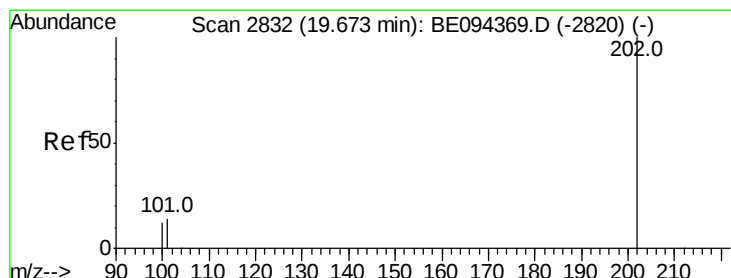
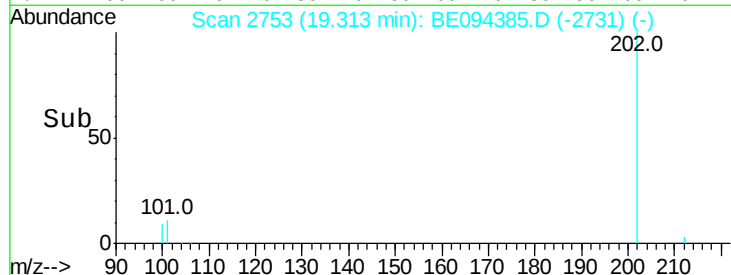
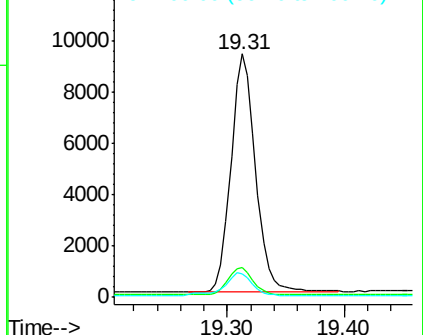
100 9.7 0.0 39.5



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: 0.479 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE094385.D

Acq: 15 Oct 2017 10:08

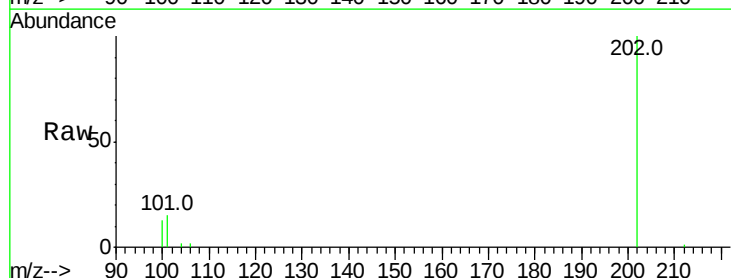
Tgt Ion:202 Resp: 14758

Ion Ratio Lower Upper

202 100

101 14.7 18.2 27.4#

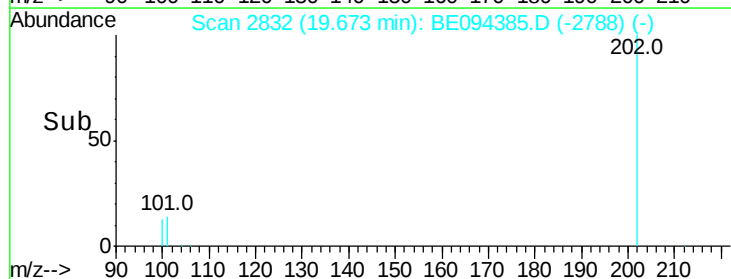
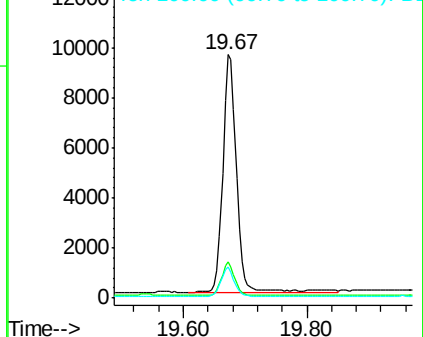
100 12.9 15.6 23.4#

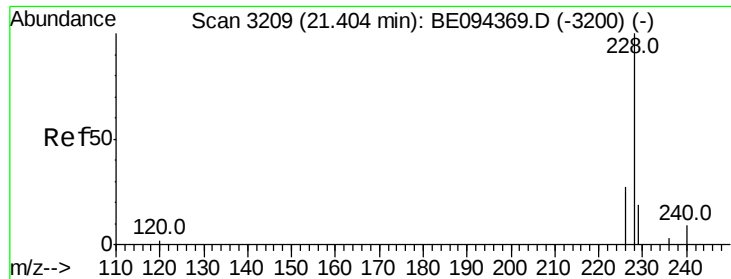


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.446 ng/ul

RT: 21.40 min Scan# 3209

Delta R.T. 0.00 min

Lab File: BE094385.D

Acq: 15 Oct 2017 10:08

Instrument :

BNA_E

ClientSampleId :

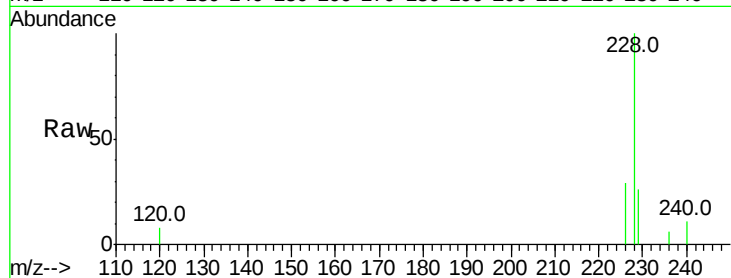
Tot Ion:228 Resp: 13093

Ion Ratio Lower Upper

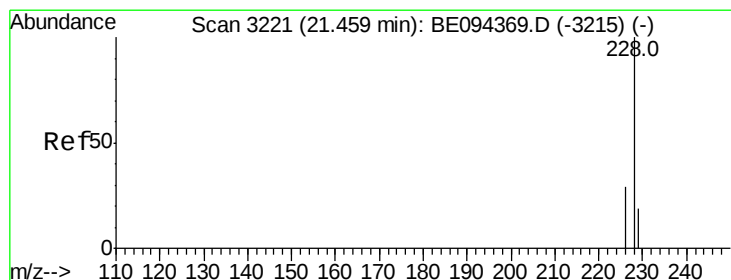
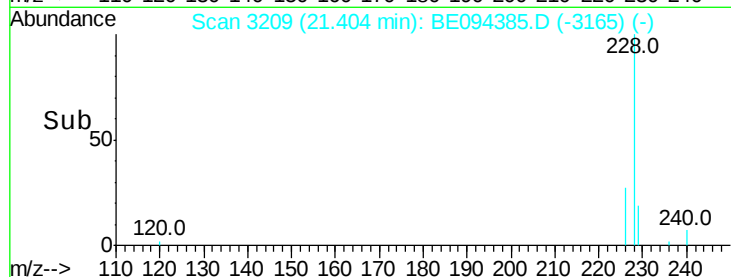
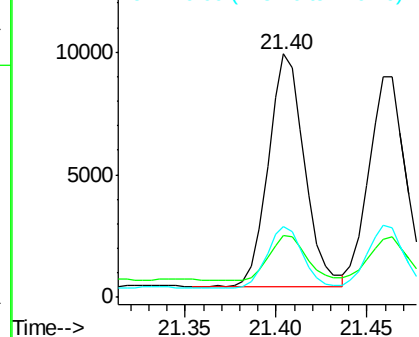
228 100

229 25.6 22.8 34.2

226 29.3 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: 0.365 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. 0.00 min

Lab File: BE094385.D

Acq: 15 Oct 2017 10:08

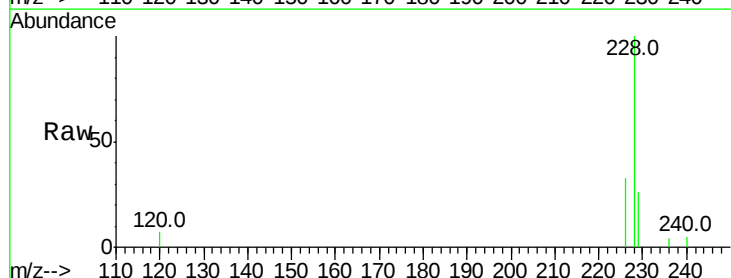
Tgt Ion:228 Resp: 12372

Ion Ratio Lower Upper

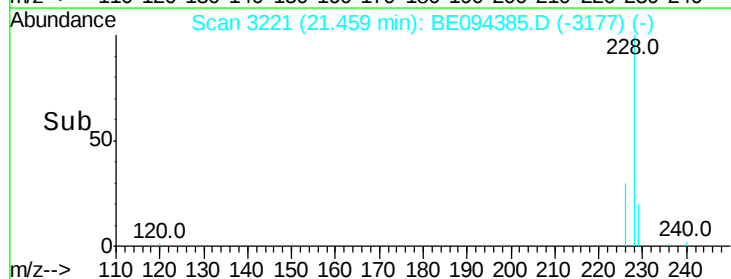
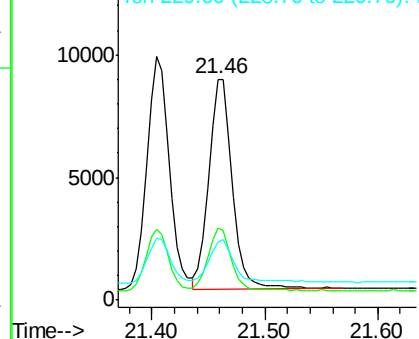
228 100

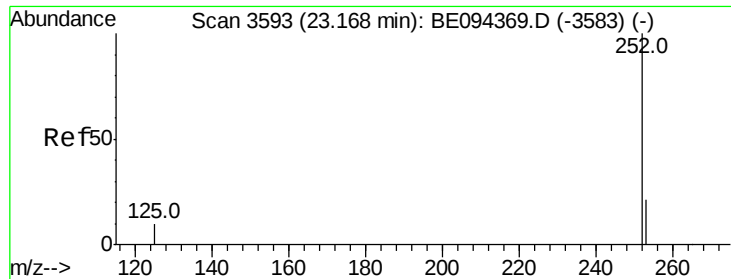
226 32.7 23.4 35.0

229 26.3 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: 0.438 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. 0.00 min

Lab File: BE094385.D

Acq: 15 Oct 2017 10:08

Instrument :

BNA_E

ClientSampleId :

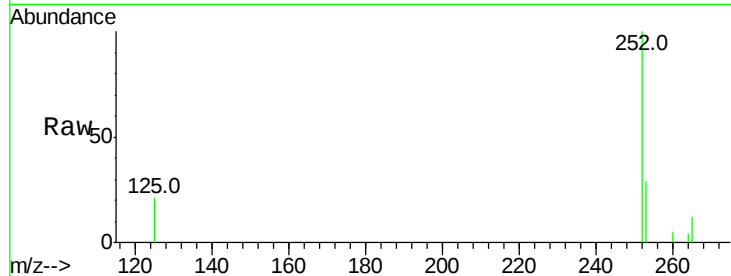
Tot Ion:252 Resp: 12457

Ion Ratio Lower Upper

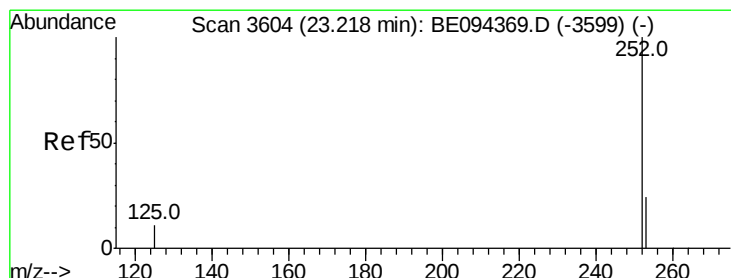
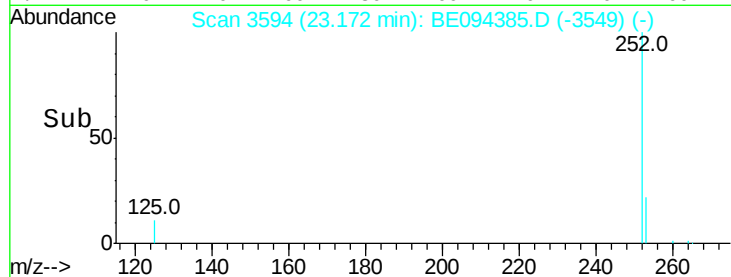
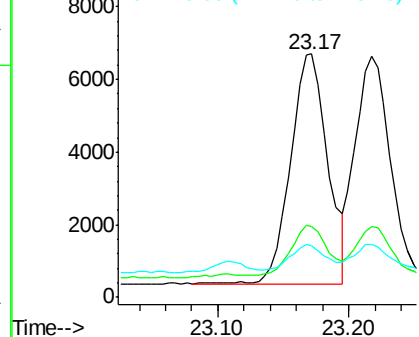
252 100

253 29.2 0.0 64.2

125 21.1 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: 0.364 ng/ul

RT: 23.22 min Scan# 3604

Delta R.T. -0.00 min

Lab File: BE094385.D

Acq: 15 Oct 2017 10:08

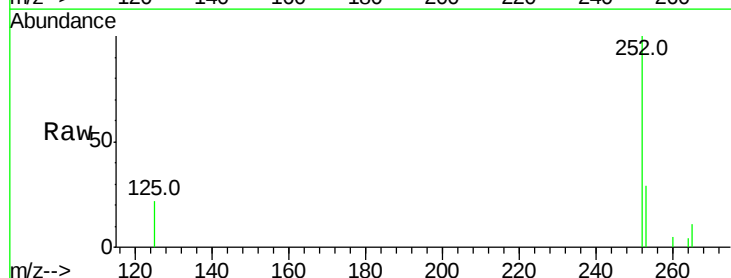
Tgt Ion:252 Resp: 11962

Ion Ratio Lower Upper

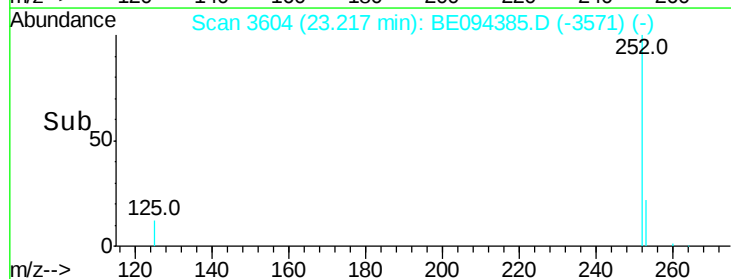
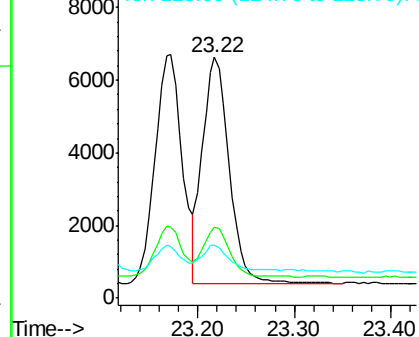
252 100

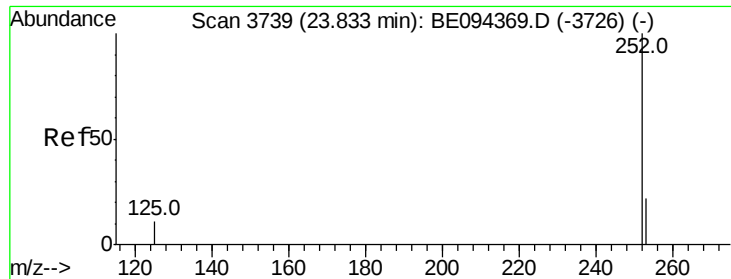
253 29.2 24.5 36.7

125 21.9 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: 0.388 ng/ul

RT: 23.83 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BE094385.D

Acq: 15 Oct 2017 10:08

Instrument :

BNA_E

ClientSampleId :

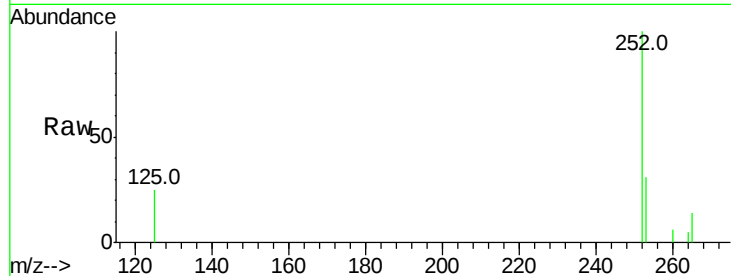
Tot Ion:252 Resp: 11486

Ion Ratio Lower Upper

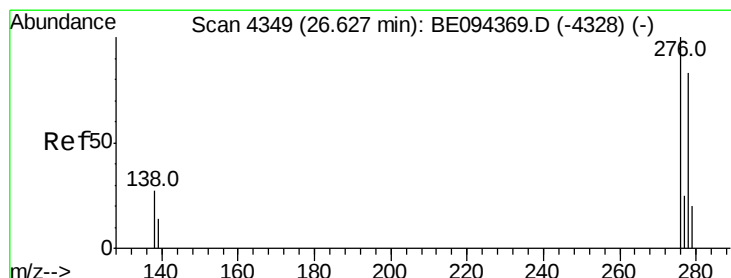
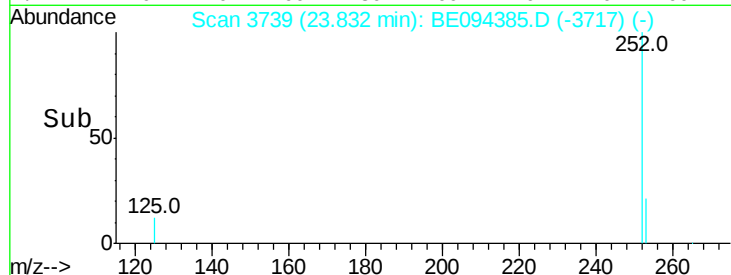
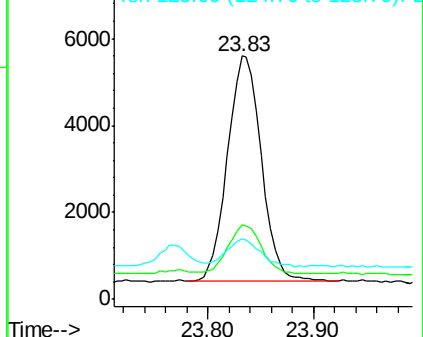
252 100

253 30.5 28.5 42.7

125 24.8 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: 0.435 ng/ul

RT: 26.62 min Scan# 4348

Delta R.T. -0.00 min

Lab File: BE094385.D

Acq: 15 Oct 2017 10:08

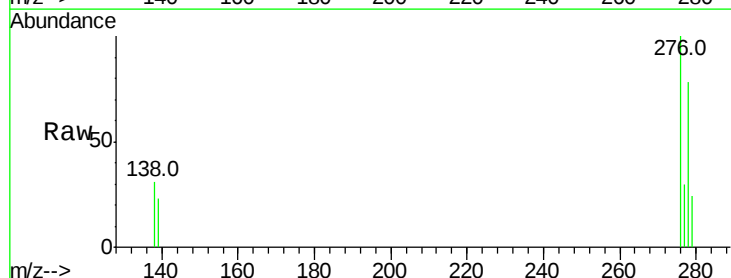
Tgt Ion:276 Resp: 13148

Ion Ratio Lower Upper

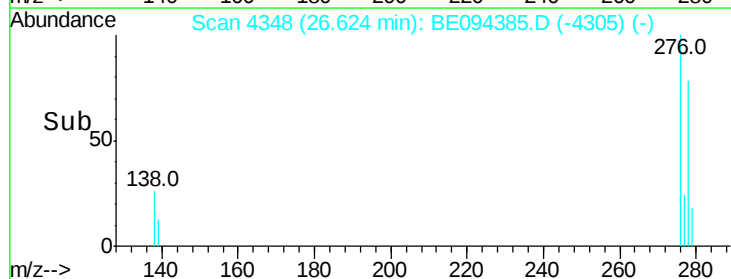
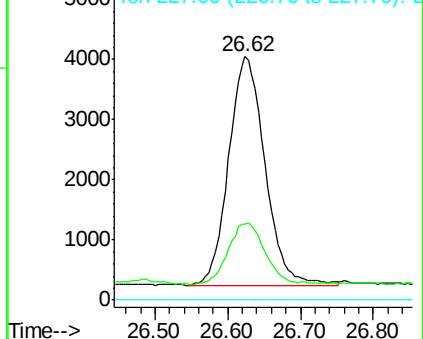
276 100

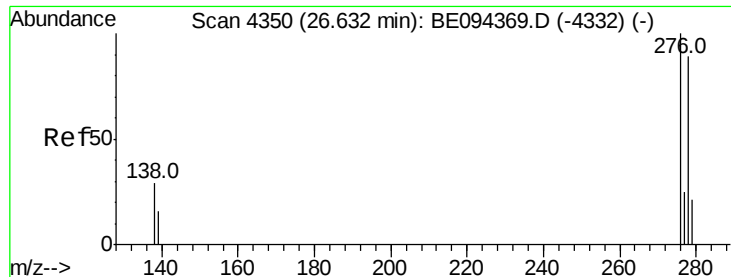
138 27.4 28.0 42.0#

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: 0.436 ng/u1

RT: 26.63 min Scan# 4349

Delta R.T. -0.00 min

Lab File: BE094385.D

Acq: 15 Oct 2017 10:08

Instrument :

BNA_E

ClientSampleId :

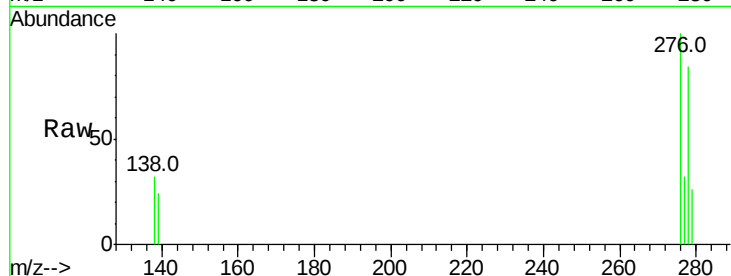
Tot Ion:278 Resp: 11076

Ion Ratio Lower Upper

278 100

139 28.5 17.4 26.0#

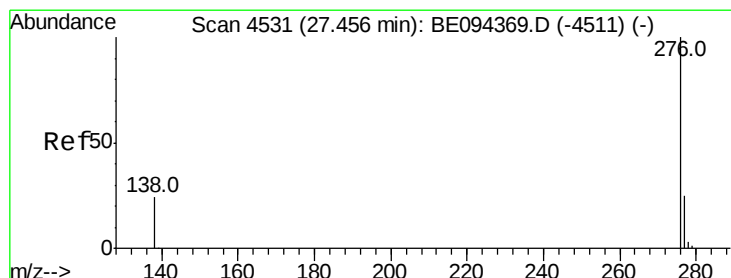
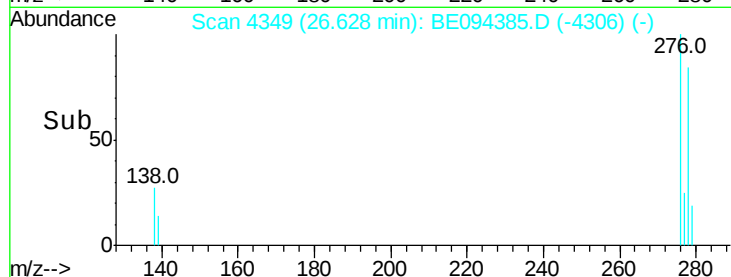
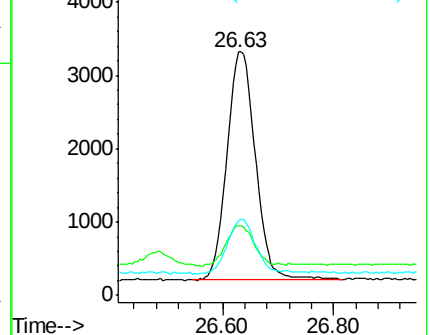
279 30.7 25.9 38.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.427 ng/u1

RT: 27.45 min Scan# 4530

Delta R.T. -0.00 min

Lab File: BE094385.D

Acq: 15 Oct 2017 10:08

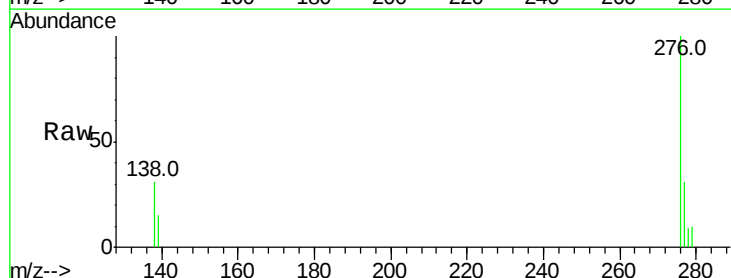
Tgt Ion:276 Resp: 11148

Ion Ratio Lower Upper

276 100

138 30.7 21.8 32.8

277 31.2 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

