

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094399.D
 Acq On : 15 Oct 2017 18:45
 Operator : SJ/JU
 Sample : I5548-05DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 07:53:13 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 07:45:00 2017
 Response via : Initial Calibration

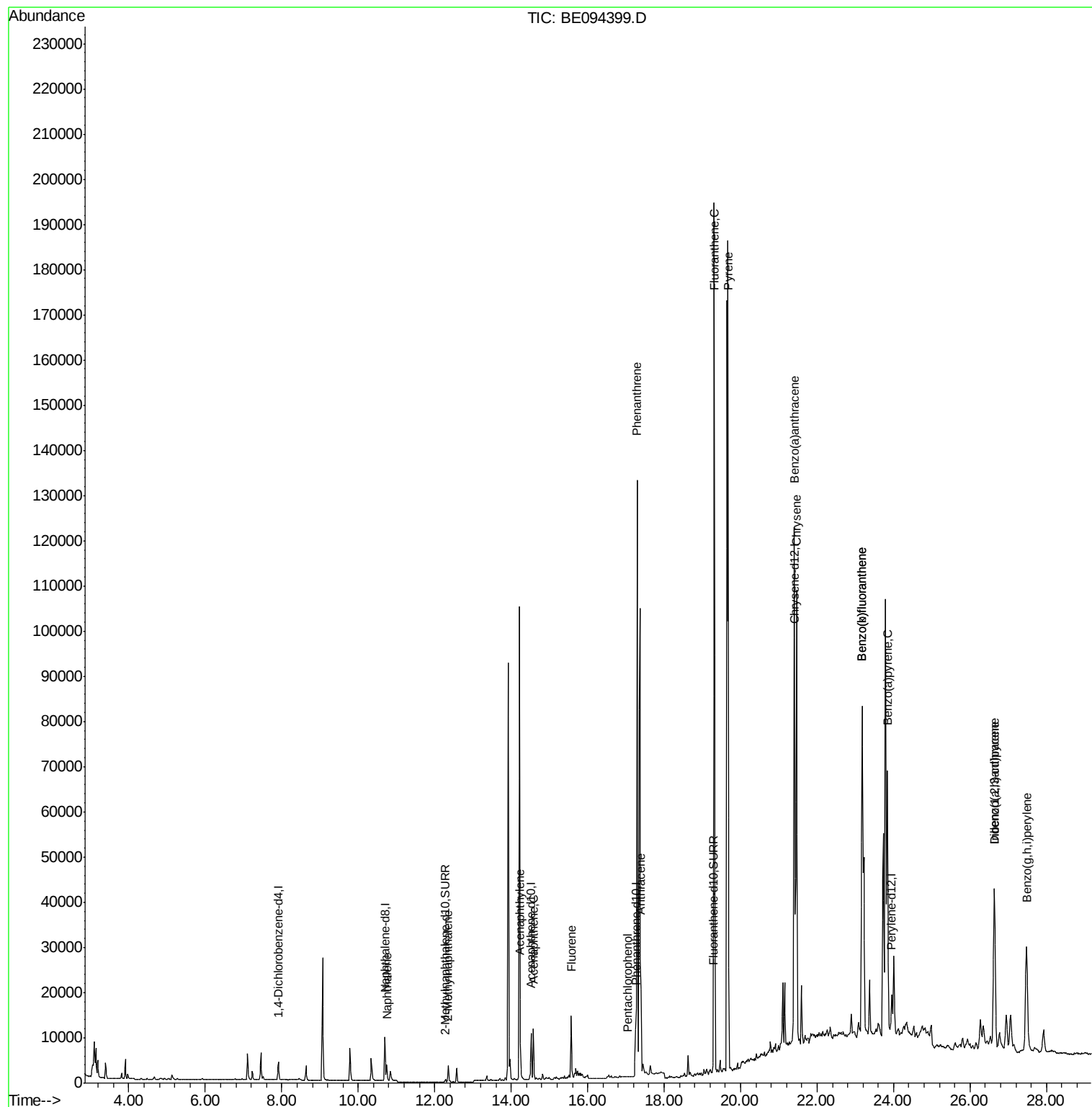
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2023	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10391	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5944	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	13035	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	12562	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11780	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	828	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1997	0.05	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	5617	0.221	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	3405	0.206	ng/ul	97
7) Acenaphthylene	14.24	152	5825	0.251	ng/ul	99
8) Acenaphthene	14.58	153	6849	0.359	ng/ul	96
9) Fluorene	15.57	166	8901	0.398	ng/ul	92
11) Pentachlorophenol	17.05	266	150	0.098	ng/ul#	37
12) Phenanthrene	17.29	178	151247	4.440	ng/ul#	87
13) Anthracene	17.38	178	31859	0.962	ng/ul#	89
15) Fluoranthene	19.31	202	219733	4.909	ng/ul	84
17) Pyrene	19.67	202	199619	5.711	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	104931	3.149	ng/ul#	87
19) Chrysene	21.46	228	108854	2.828	ng/ul	95
21) Benzo(b)fluoranthene	23.18	252	177813	5.557	ng/ul	91
22) Benzo(k)fluoranthene	23.18	252	177864	4.809	ng/ul	93
23) Benzo(a)pyrene	23.84	252	93826	2.822	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.64	276	63108	1.855	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.64	278	18289	0.641	ng/ul#	73
26) Benzo(g,h,i)perylene	27.48	276	58413	1.991	ng/ul	94

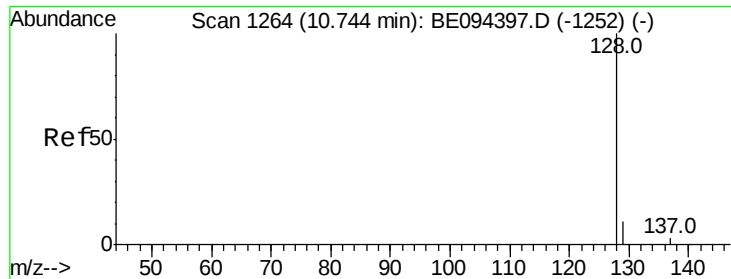
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094399.D
Acq On : 15 Oct 2017 18:45
Operator : SJ/JU
Sample : I5548-05DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 16 07:53:13 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 07:45:00 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.221 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Instrument :

BNA_E

ClientSampleId :

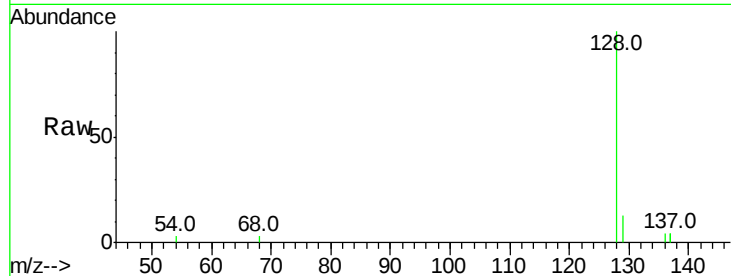
Tot Ion:128 Resp: 5617

Ion Ratio Lower Upper

128 100

129 13.2 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

10.75

3000

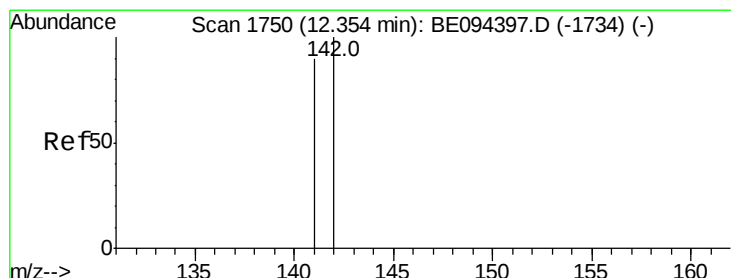
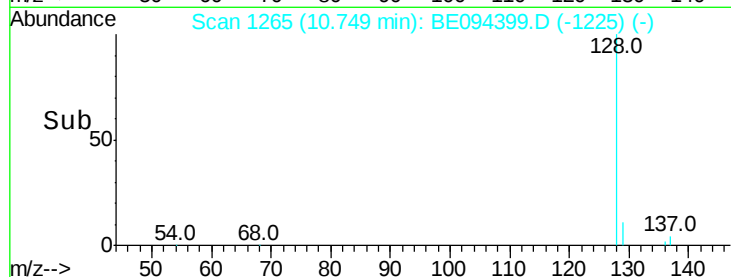
2000

1000

0

Time-->

10.60 10.70 10.80 10.90



#5

2-Methylnaphthalene

Concen: 0.206 ng/ul

RT: 12.35 min Scan# 1750

Delta R.T. 0.00 min

Lab File: BE094399.D

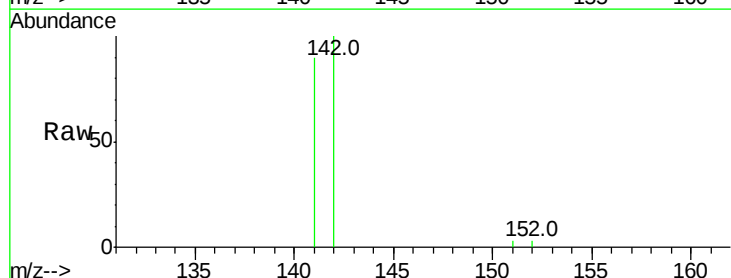
Acq: 15 Oct 2017 18:45

Tgt Ion:142 Resp: 3405

Ion Ratio Lower Upper

142 100

141 87.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.35

2000

1500

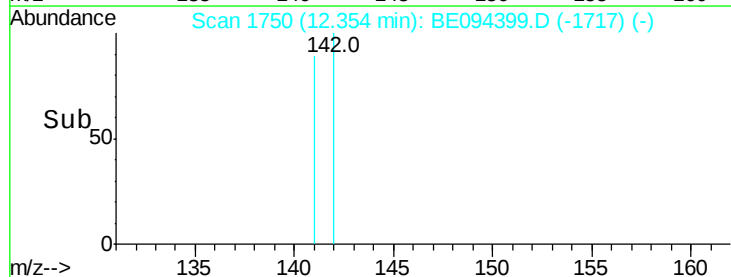
1000

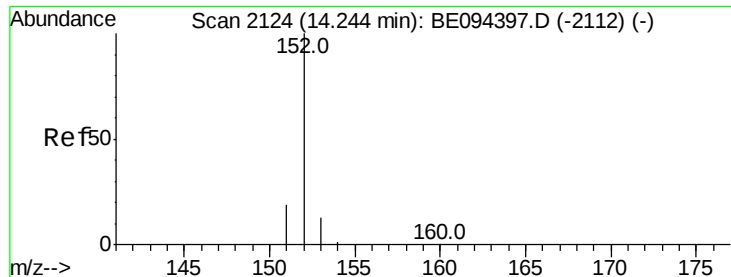
500

0

Time-->

12.30 12.40 12.50





#7

Acenaphthylene

Concen: 0.251 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Instrument :

BNA_E

ClientSampleId :

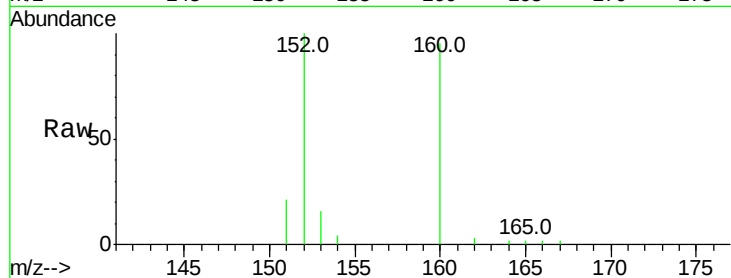
Tot Ion:152 Resp: 5825

Ion Ratio Lower Upper

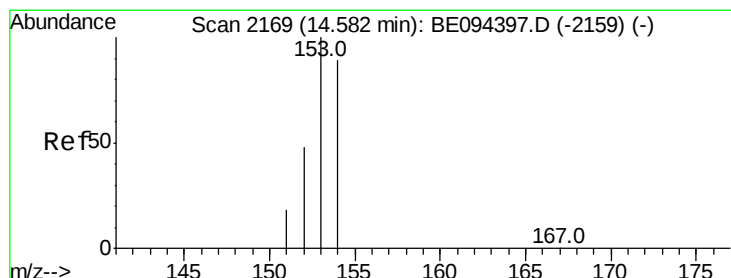
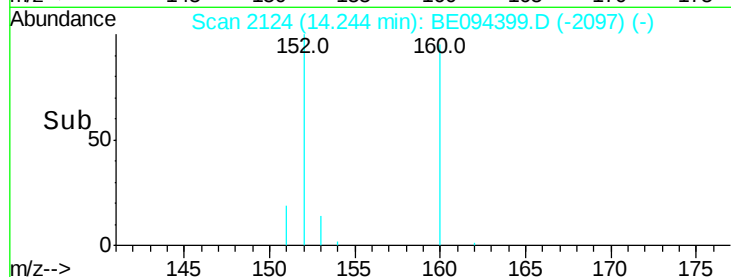
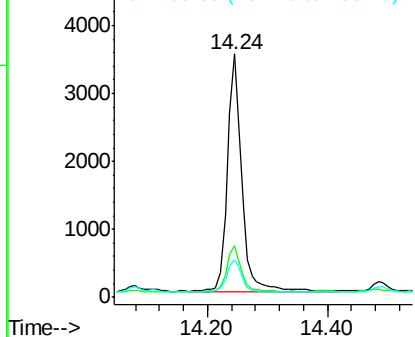
152 100

151 21.2 17.1 25.7

153 15.5 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: 0.359 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

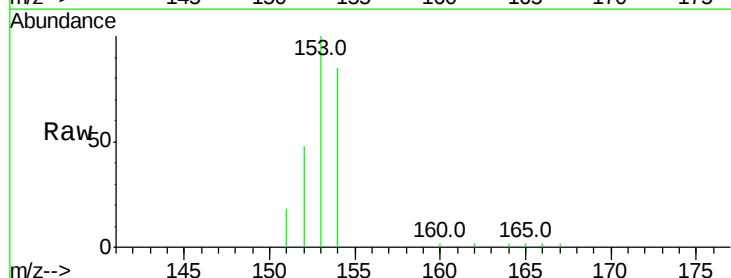
Tgt Ion:153 Resp: 6849

Ion Ratio Lower Upper

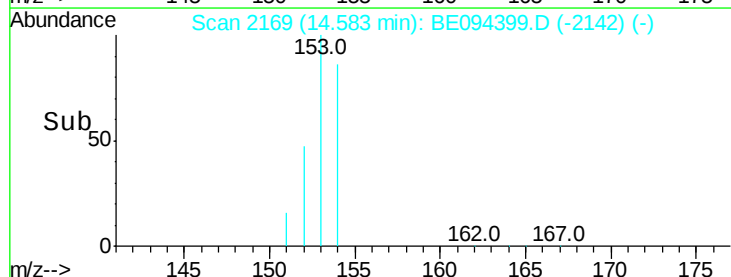
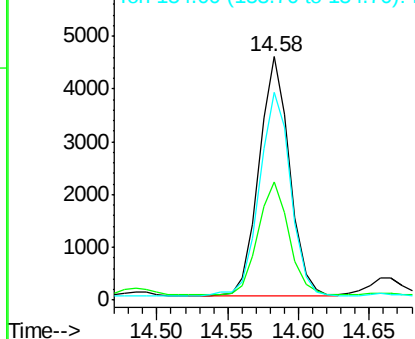
153 100

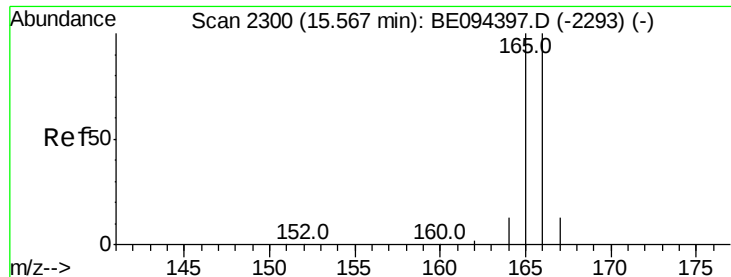
152 48.5 40.3 60.5

154 85.5 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: 0.398 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Instrument :

BNA_E

ClientSampleId :

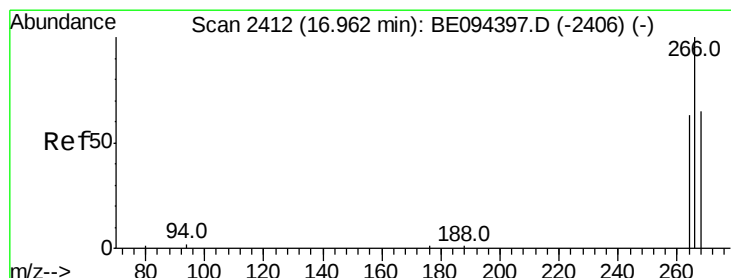
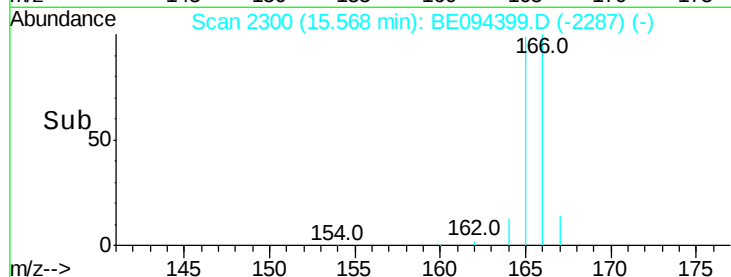
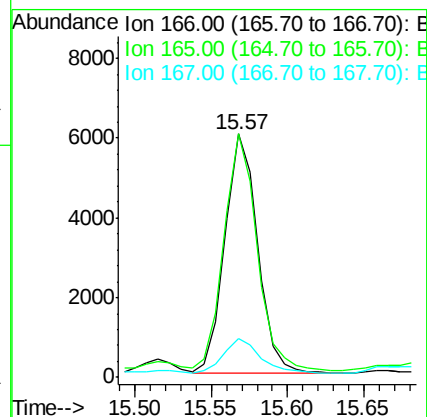
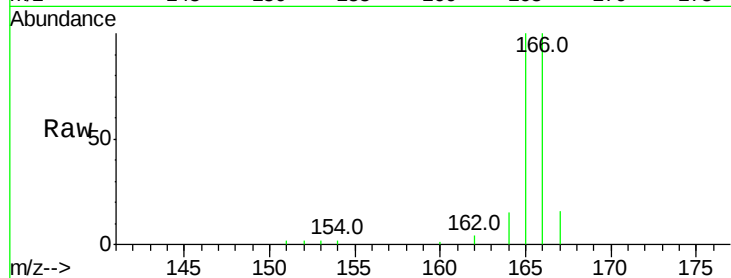
Tot Ion:166 Resp: 8901

Ion Ratio Lower Upper

166 100

165 100.0 73.4 110.2

167 15.9 14.6 22.0



#11

Pentachlorophenol

Concen: 0.098 ng/ul

RT: 17.05 min Scan# 2417

Delta R.T. 0.09 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

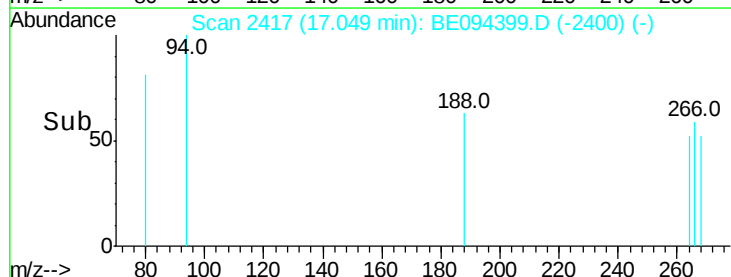
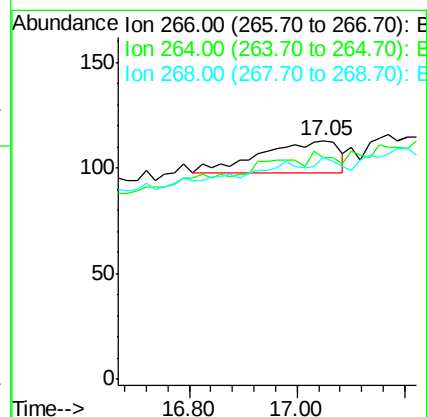
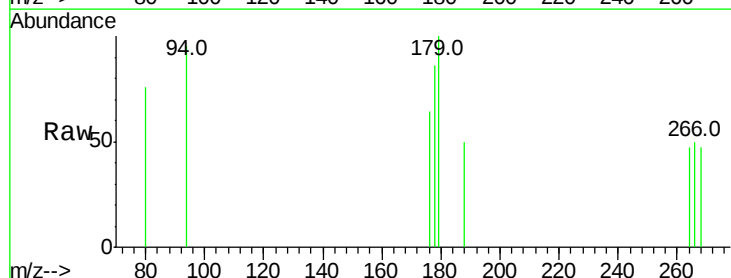
Tgt Ion:266 Resp: 150

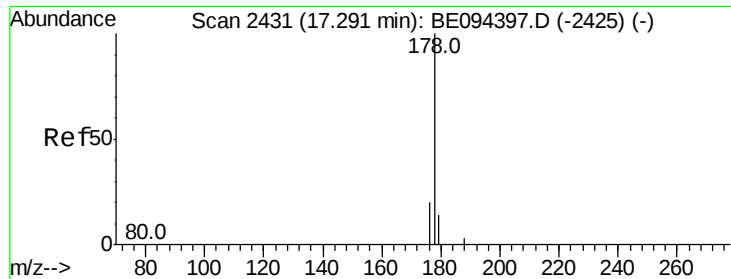
Ion Ratio Lower Upper

266 100

264 12.7 47.9 71.9#

268 13.3 49.8 74.8#





#12

Phenanthrene

Concen: 4.440 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Instrument :

BNA_E

ClientSampleId :

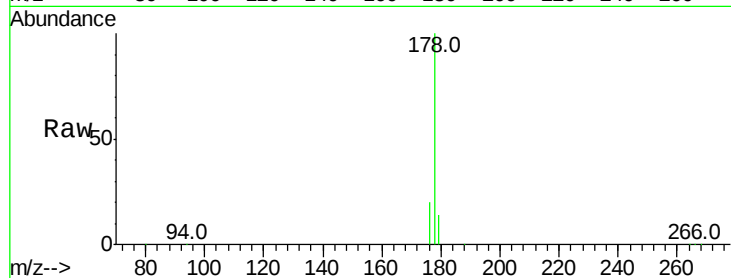
Tot Ion:178 Resp: 151247

Ion Ratio Lower Upper

178 100

179 14.5 18.4 27.6#

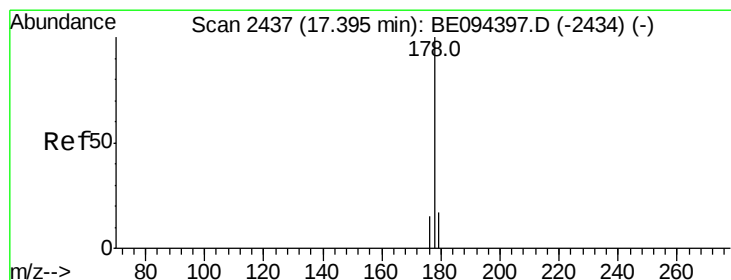
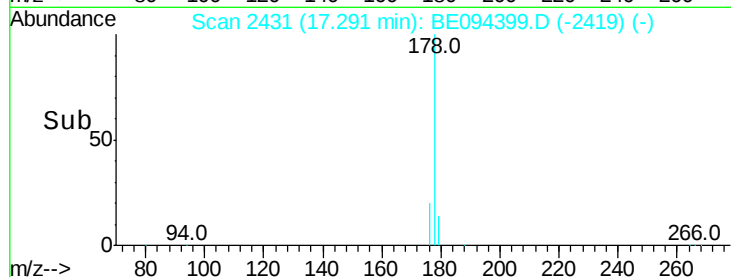
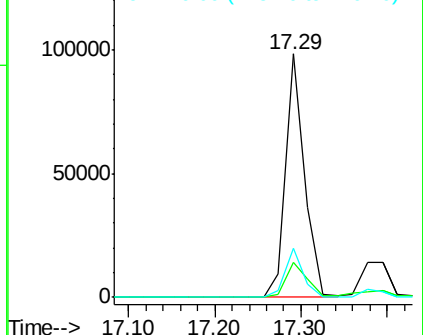
176 20.1 13.6 20.4



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: 0.962 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

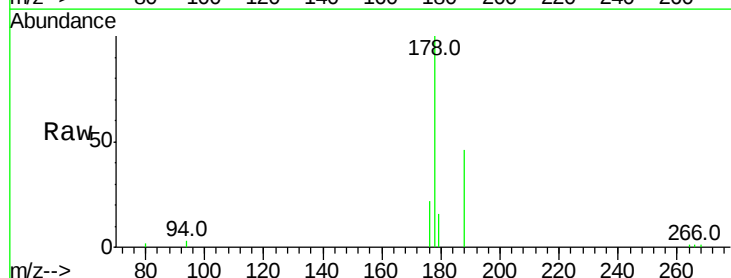
Tgt Ion:178 Resp: 31859

Ion Ratio Lower Upper

178 100

179 16.1 18.1 27.1#

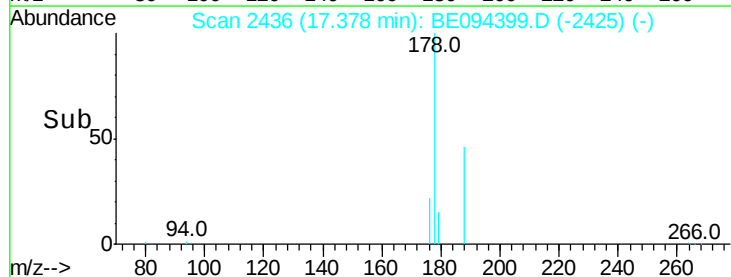
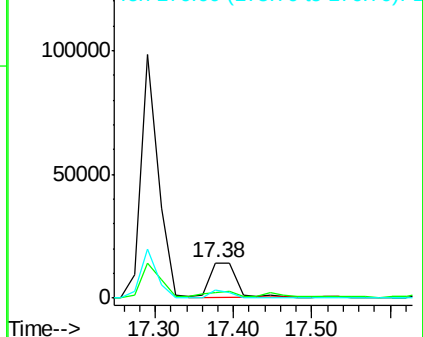
176 22.4 14.7 22.1#

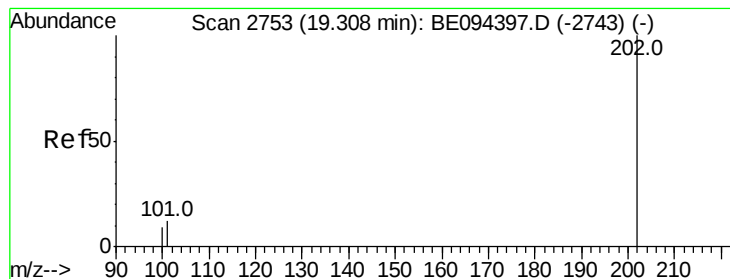


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 4.909 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Instrument :

BNA_E

ClientSampleId :

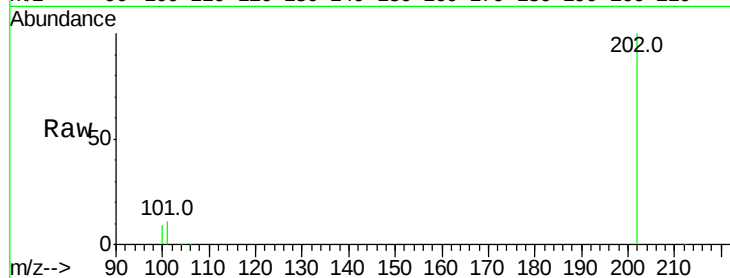
Tot Ion:202 Resp: 219733

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

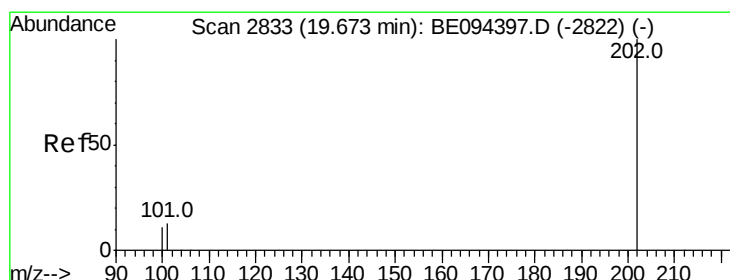
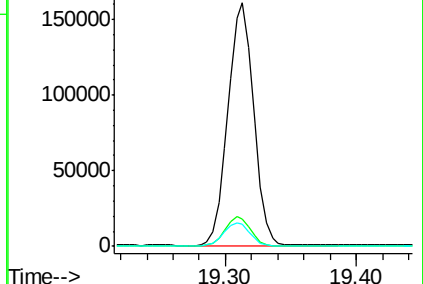
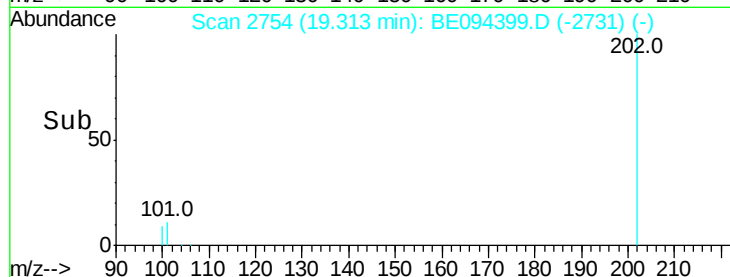
100 8.9 0.0 39.5



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: 5.711 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

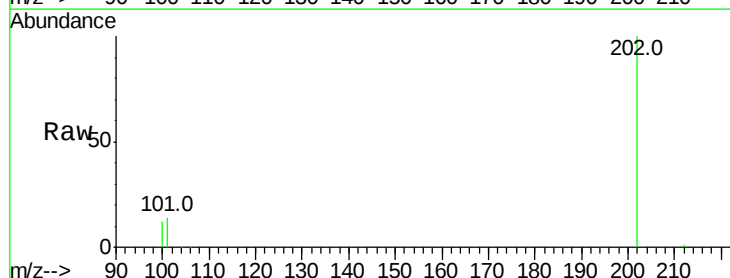
Tgt Ion:202 Resp: 199619

Ion Ratio Lower Upper

202 100

101 13.9 18.2 27.4#

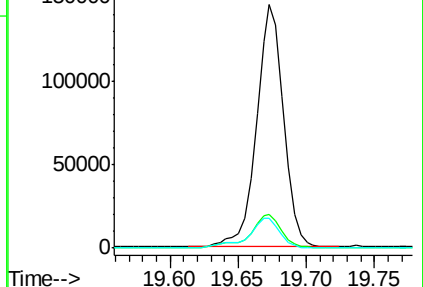
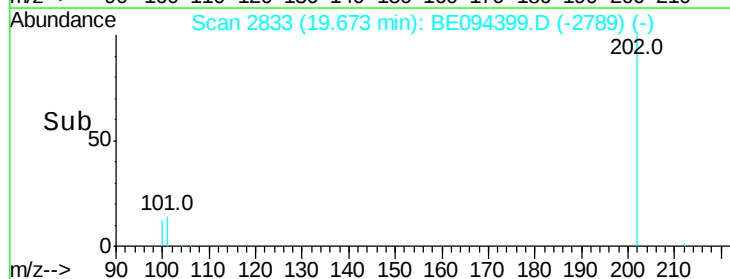
100 12.1 15.6 23.4#

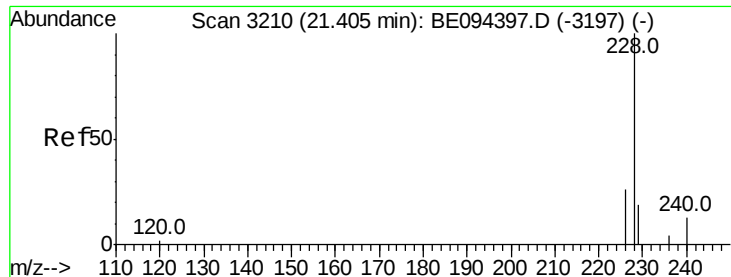


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 3.149 ng/ul

RT: 21.40 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Instrument :

BNA_E

ClientSampleId :

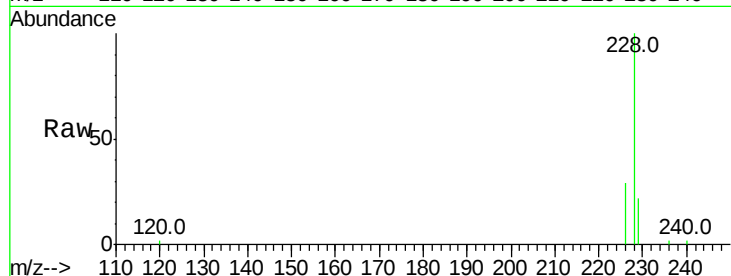
Tot Ion:228 Resp: 104931

Ion Ratio Lower Upper

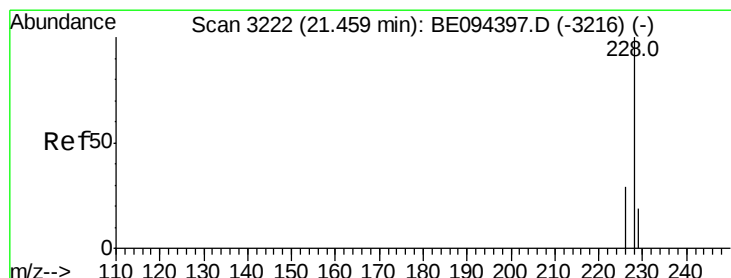
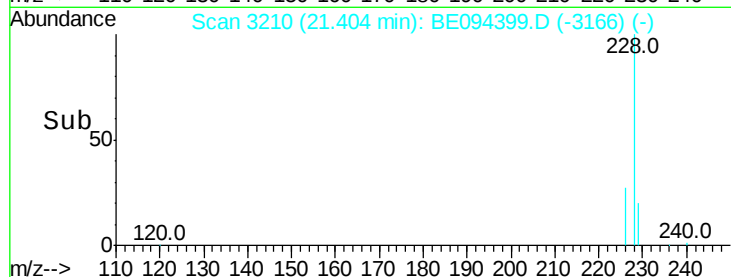
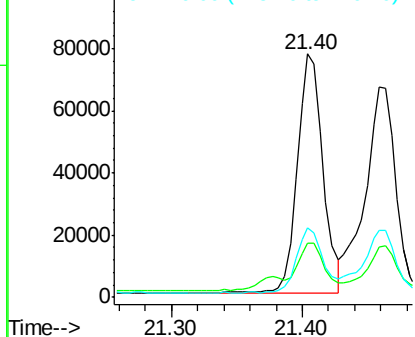
228 100

229 22.3 22.8 34.2#

226 28.7 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: 2.828 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

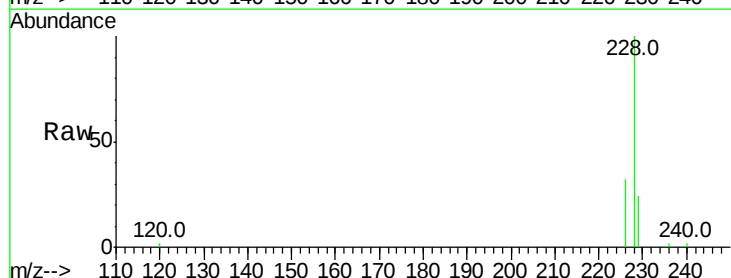
Tgt Ion:228 Resp: 108854

Ion Ratio Lower Upper

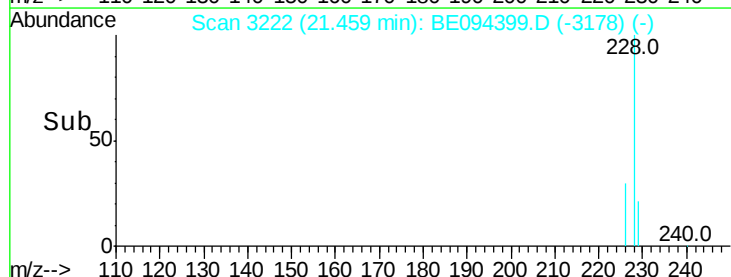
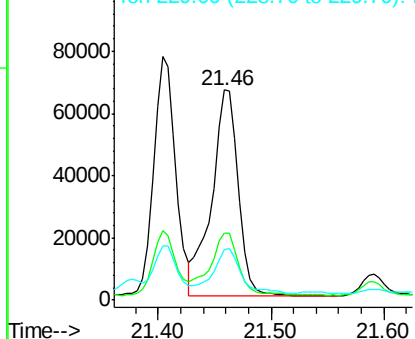
228 100

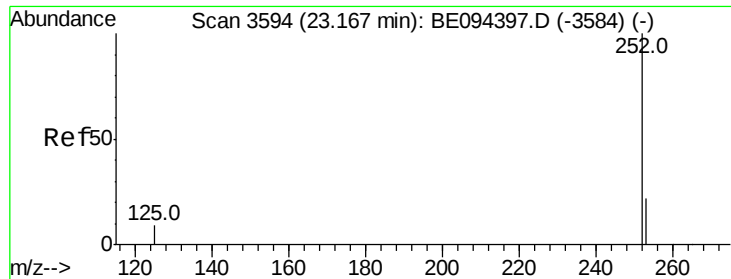
226 32.2 23.4 35.0

229 23.7 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: 5.557 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. 0.01 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Instrument :

BNA_E

ClientSampleId :

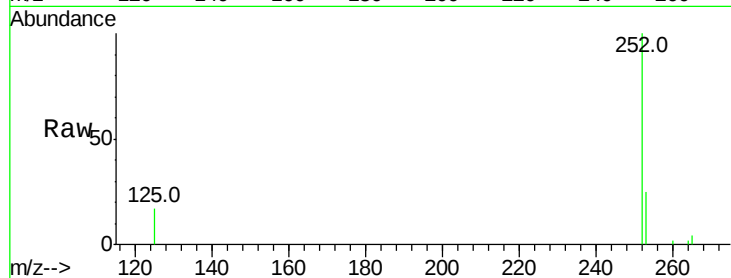
Tot Ion:252 Resp: 177813

Ion Ratio Lower Upper

252 100

253 24.7 0.0 64.2

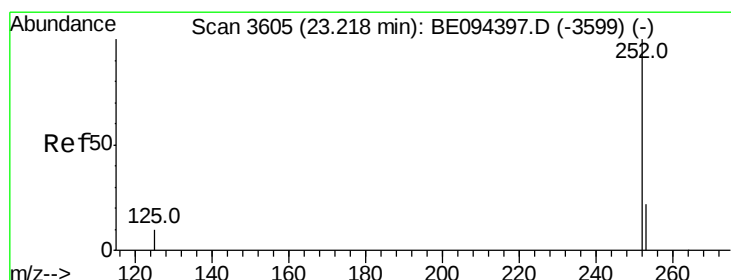
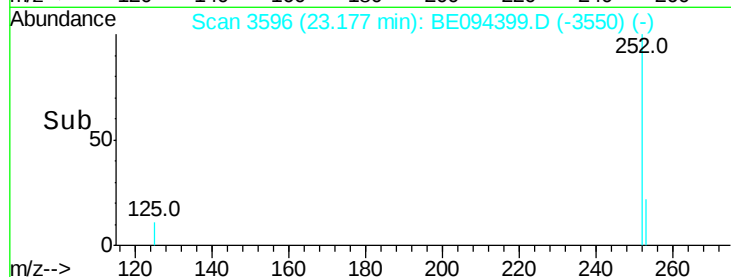
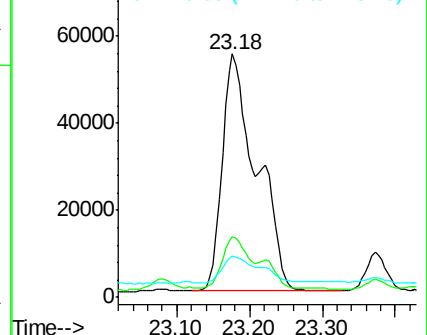
125 17.0 0.0 35.0



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: 4.809 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.04 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

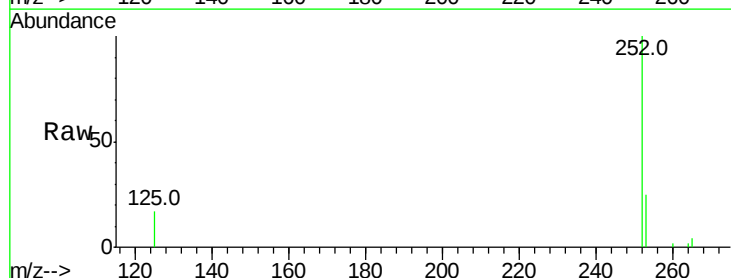
Tgt Ion:252 Resp: 177864

Ion Ratio Lower Upper

252 100

253 24.7 24.5 36.7

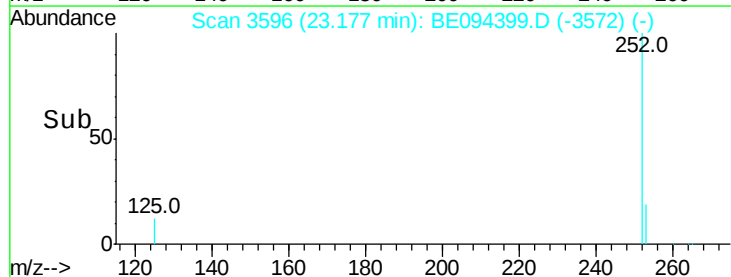
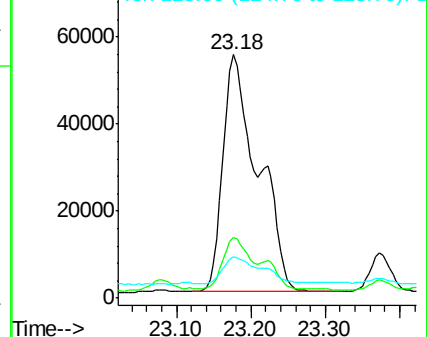
125 17.0 13.7 20.5

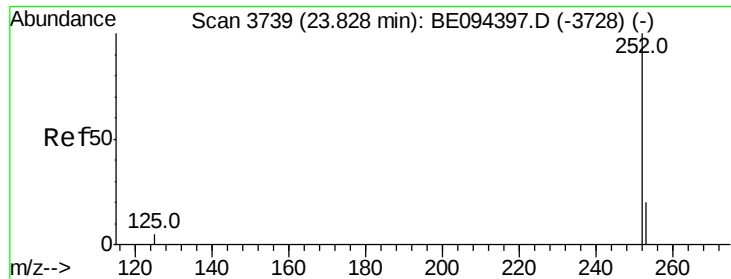


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 2.822 ng/ul

RT: 23.84 min Scan# 3741

Delta R.T. 0.01 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Instrument :

BNA_E

ClientSampleId :

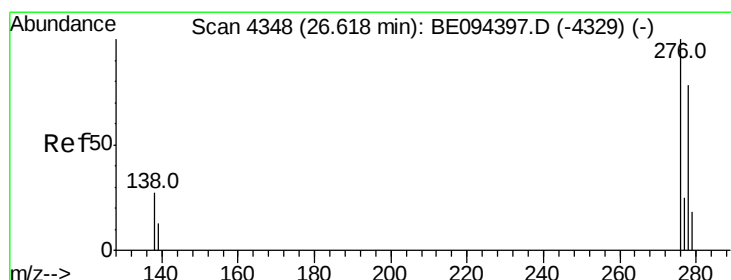
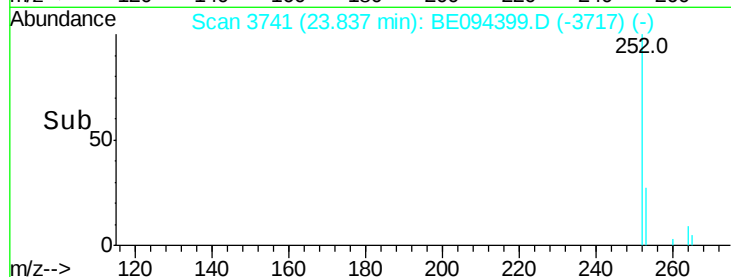
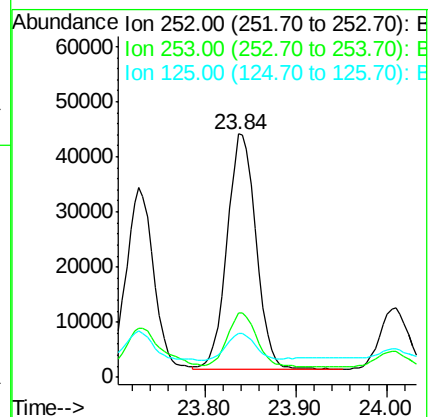
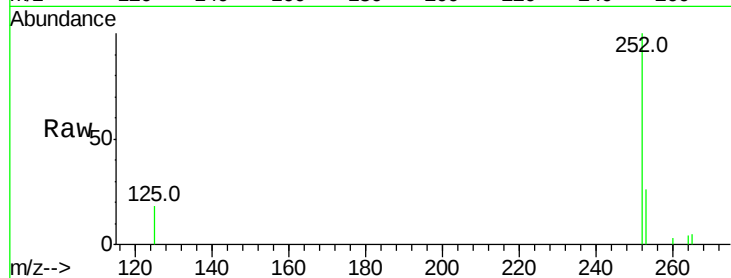
Tot Ion:252 Resp: 93826

Ion Ratio Lower Upper

252 100

253 26.4 28.5 42.7#

125 18.2 18.1 27.1



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.855 ng/ul

RT: 26.64 min Scan# 4353

Delta R.T. 0.02 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

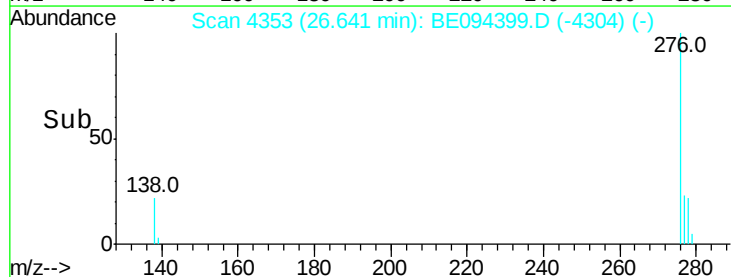
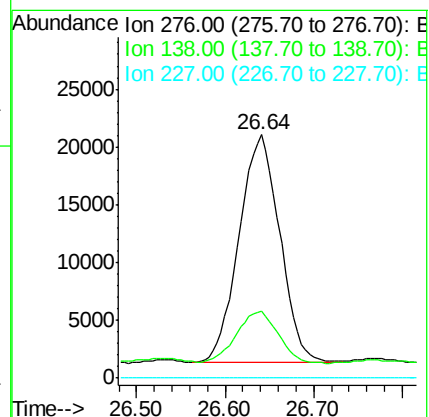
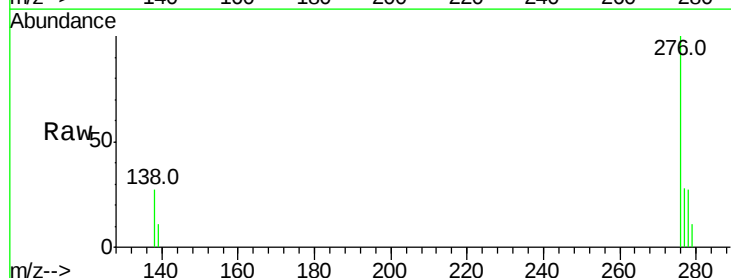
Tgt Ion:276 Resp: 63108

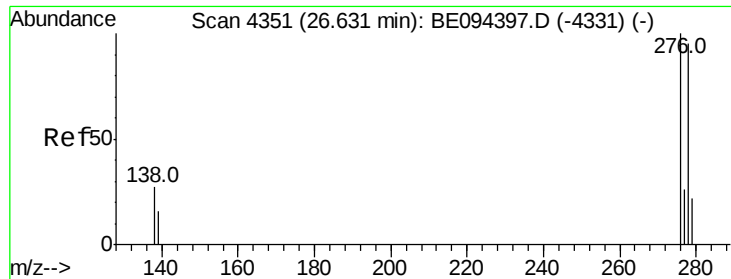
Ion Ratio Lower Upper

276 100

138 23.5 28.0 42.0#

227 0.0 8.0 12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.641 ng/ul

RT: 26.64 min Scan# 4352

Delta R.T. 0.00 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Instrument :

BNA_E

ClientSampleId :

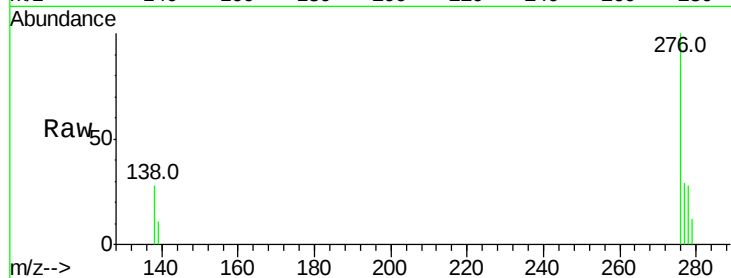
Tot Ion:278 Resp: 18289

Ion Ratio Lower Upper

278 100

139 40.7 17.4 26.0#

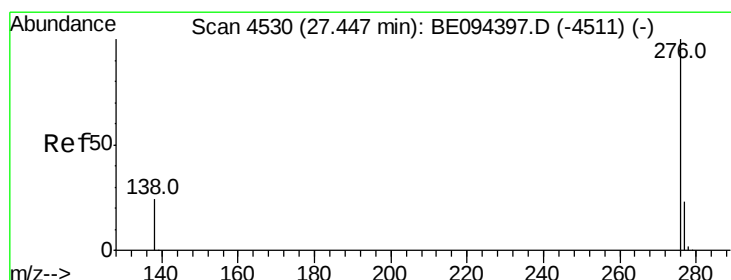
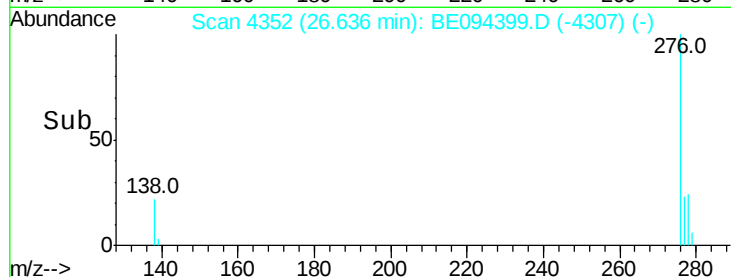
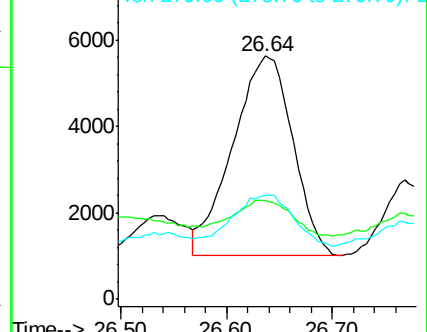
279 42.6 25.9 38.9#



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: 1.991 ng/ul

RT: 27.48 min Scan# 4537

Delta R.T. 0.03 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

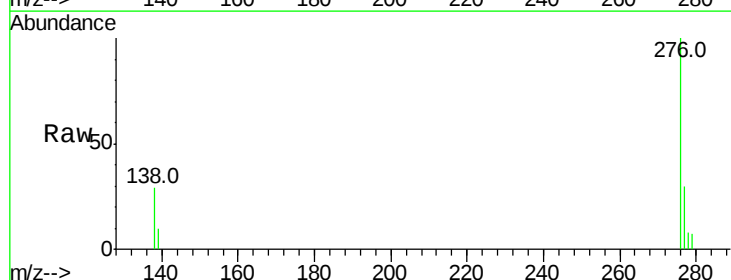
Tgt Ion:276 Resp: 58413

Ion Ratio Lower Upper

276 100

138 29.3 21.8 32.8

277 29.7 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

