

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094846.D
 Acq On : 22 Nov 2017 23:38
 Operator : SJ/JU
 Sample : I6496-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 23 02:52:13 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	716	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.68	136	4900	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.50	164	3442	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	8325	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	8539	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	8932	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	1582	0.20	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	5321	0.19	ng/ul	-0.02

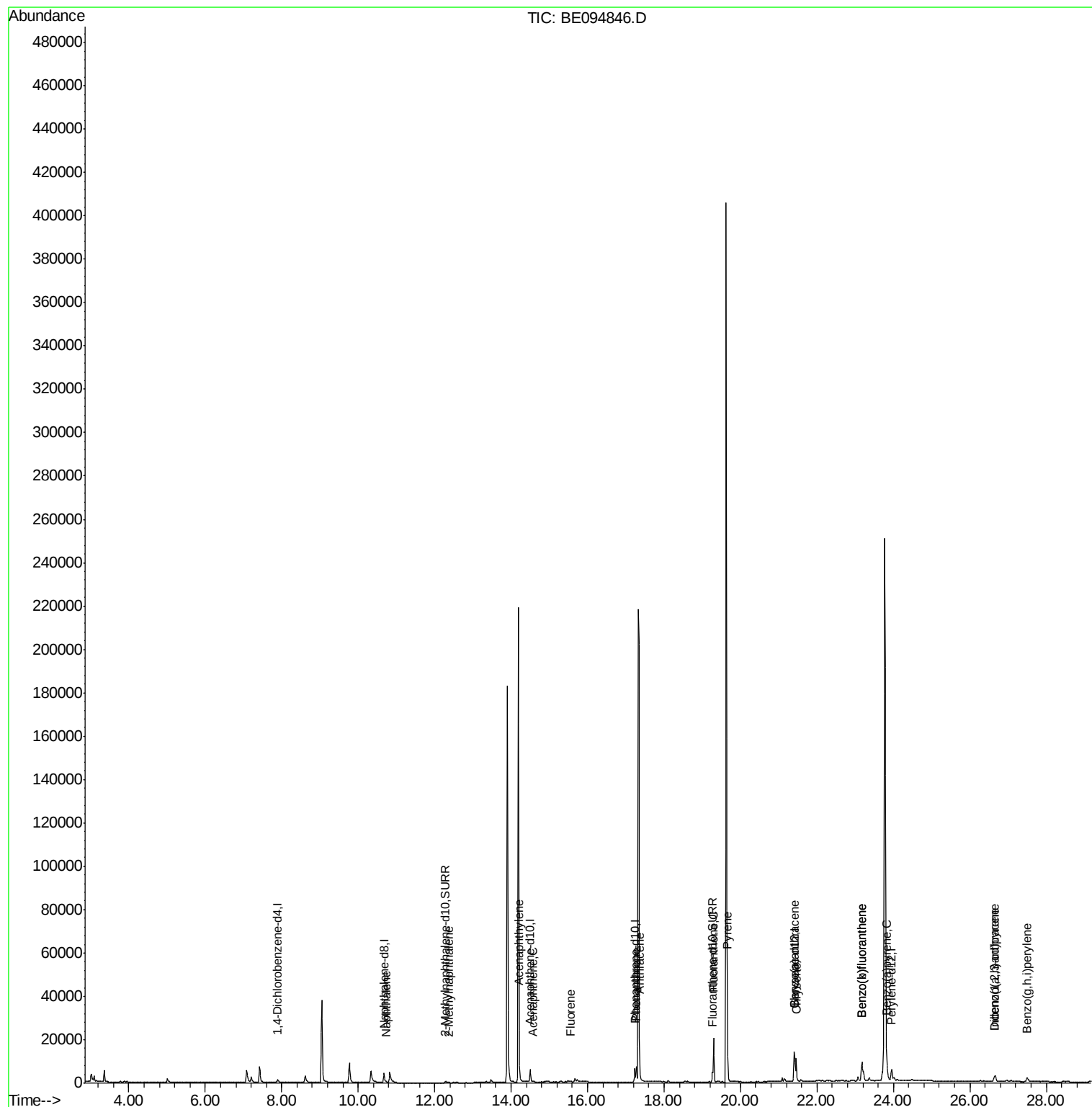
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.72	128	548	0.05	ng/ul#	74
5) 2-Methylnaphthalene	12.36	142	423	0.05	ng/ul	100
7) Acenaphthylene	14.22	152	868	0.06	ng/ul#	82
8) Acenaphthene	14.56	153	273	0.02	ng/ul#	75
9) Fluorene	15.55	166	332	0.02	ng/ul#	75
12) Phenanthrene	17.27	178	7832	0.35	ng/ul#	90
13) Anthracene	17.36	178	1286	0.06	ng/ul#	78
15) Fluoranthene	19.30	202	23928	0.82	ng/ul	83
17) Pyrene	19.66	202	20991	0.79	ng/ul#	79
18) Benzo(a)anthracene	21.40	228	11526	0.44	ng/ul#	88
19) Chrysene	21.46	228	11816	0.46	ng/ul	97
21) Benzo(b)fluoranthene	23.18	252	21260	0.80	ng/ul	90
22) Benzo(k)fluoranthene	23.18	252	21260	0.75	ng/ul	92
23) Benzo(a)pyrene	23.83	252	9013	0.34	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.66	276	5840	0.20	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.64	278	1591	0.07	ng/ul#	70
26) Benzo(a,h,i)perylene	27.50	276	4426	0.18	ng/ul#	91

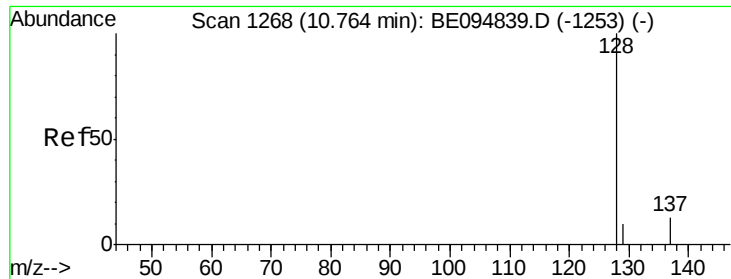
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094846.D
Acq On : 22 Nov 2017 23:38
Operator : SJ/JU
Sample : I6496-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 23 02:52:13 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





#3

Naphthalene

Concen: 0.05 ng/ul

RT: 10.72 min Scan# 1260

Delta R.T. -0.04 min

Lab File: BE094846.D

Acq: 22 Nov 2017 23:38

Instrument :

BNA_E

ClientSampleId :

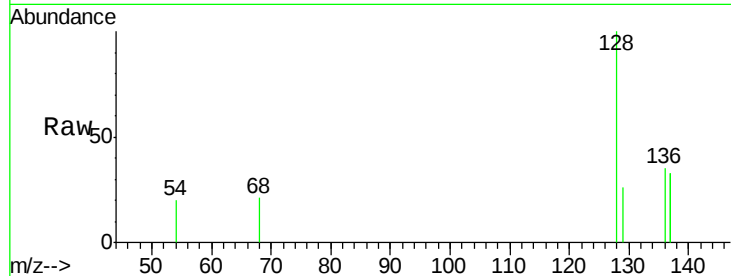
Tot Ion:128 Resp: 548

Ion Ratio Lower Upper

128 100

129 26.3 11.3 16.9#

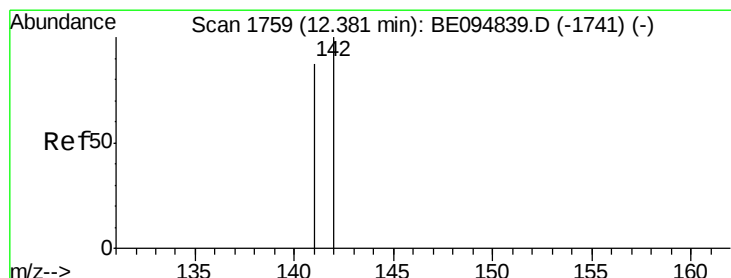
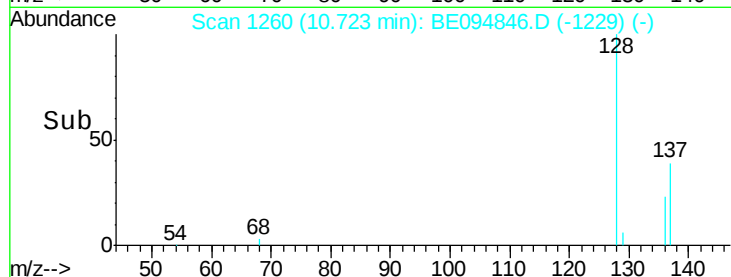
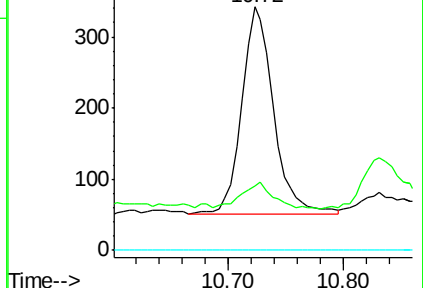
127 0.0 4.0 6.0#



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: 0.05 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BE094846.D

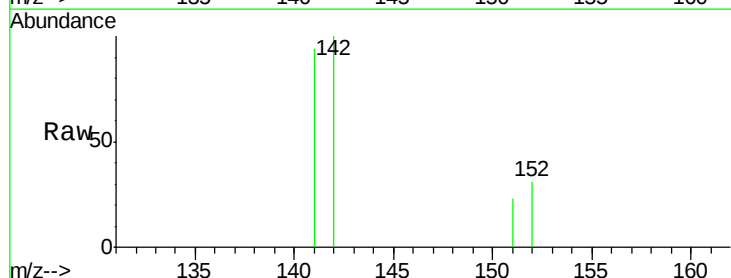
Acq: 22 Nov 2017 23:38

Tgt Ion:142 Resp: 423

Ion Ratio Lower Upper

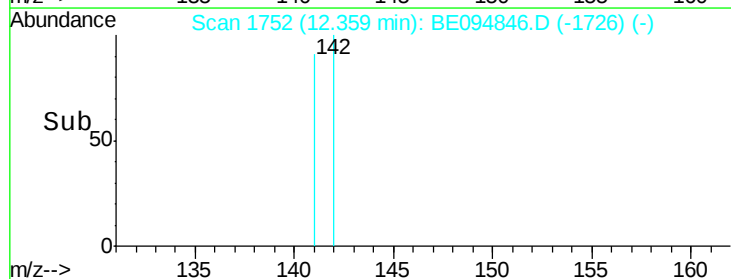
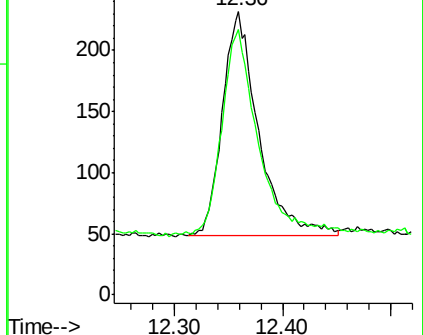
142 100

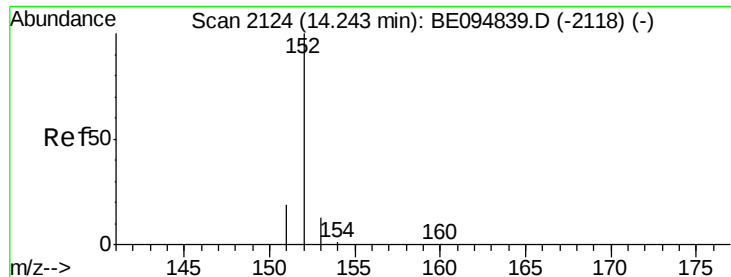
141 91.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.06 ng/ul

RT: 14.22 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BE094846.D

Acq: 22 Nov 2017 23:38

Instrument :

BNA_E

ClientSampleId :

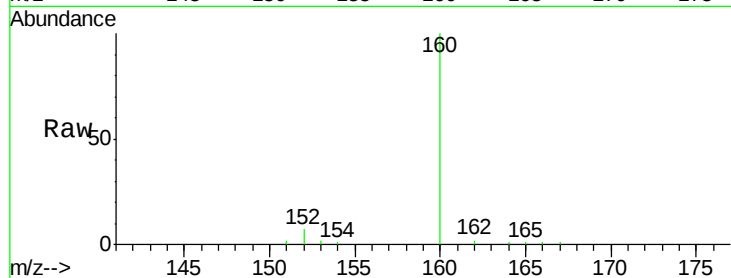
Tot Ion:152 Resp: 868

Ion Ratio Lower Upper

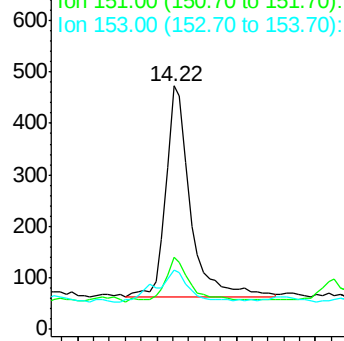
152 100

151 29.6 17.1 25.7#

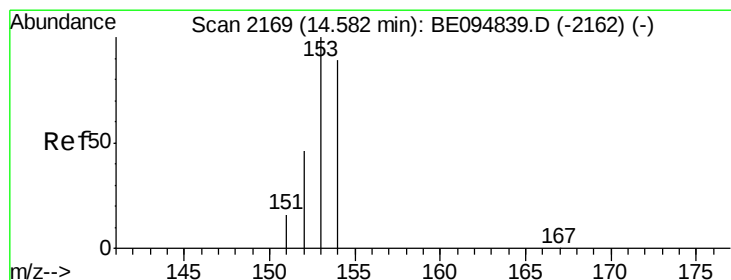
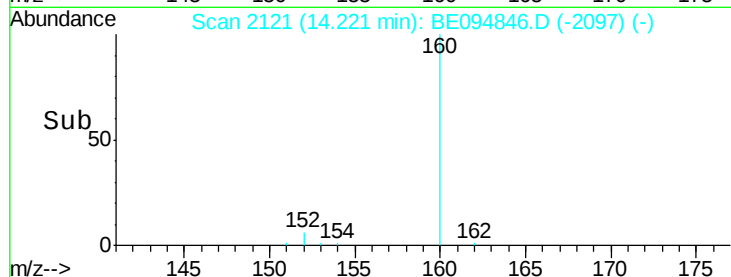
153 24.3 12.8 19.2#



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



Time-->



#8

Acenaphthene

Concen: 0.02 ng/ul

RT: 14.56 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BE094846.D

Acq: 22 Nov 2017 23:38

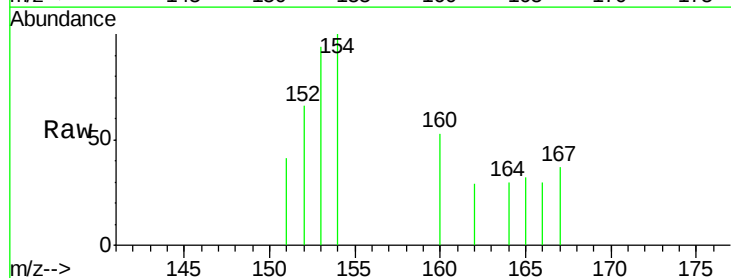
Tgt Ion:153 Resp: 273

Ion Ratio Lower Upper

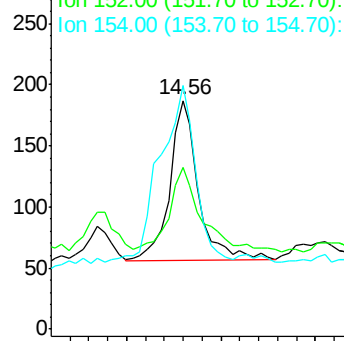
153 100

152 70.6 36.0 54.0#

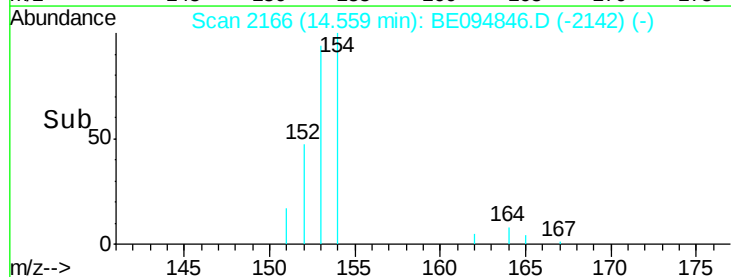
154 106.4 72.0 108.0

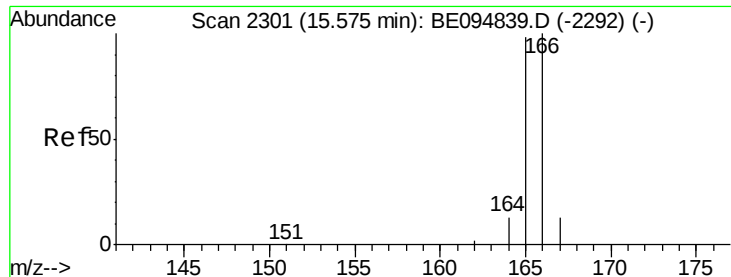


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.02 ng/ul

RT: 15.55 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BE094846.D

Acq: 22 Nov 2017 23:38

Instrument :

BNA_E

ClientSampleId :

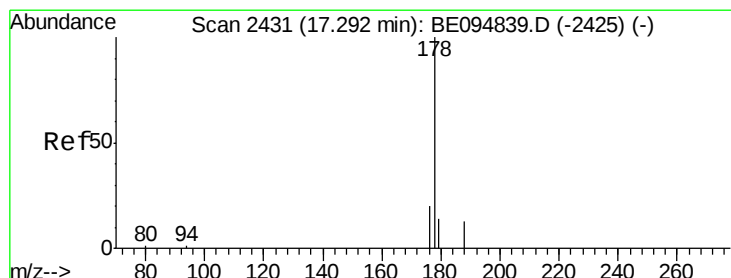
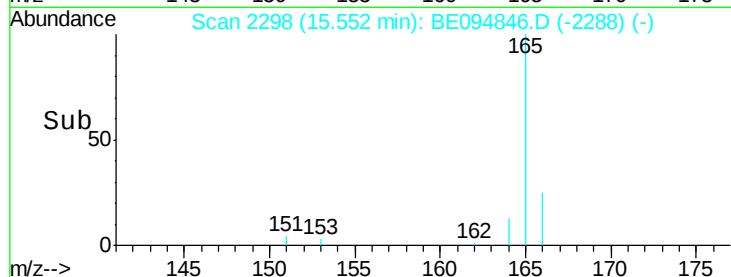
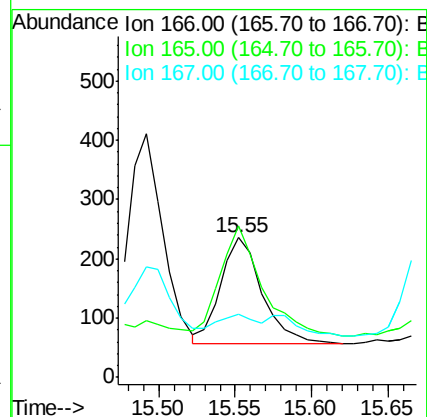
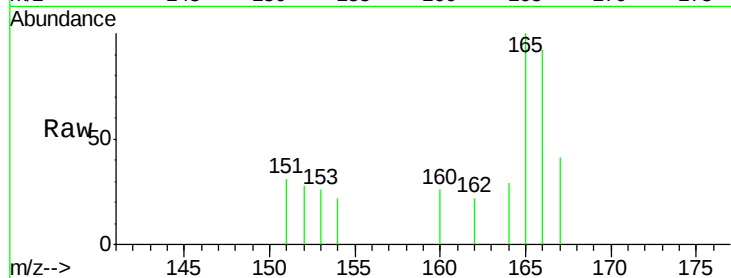
Tot Ion:166 Resp: 332

Ion Ratio Lower Upper

166 100

165 108.5 73.4 110.2

167 44.9 14.6 22.0#



#12

Phenanthrene

Concen: 0.35 ng/ul

RT: 17.27 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094846.D

Acq: 22 Nov 2017 23:38

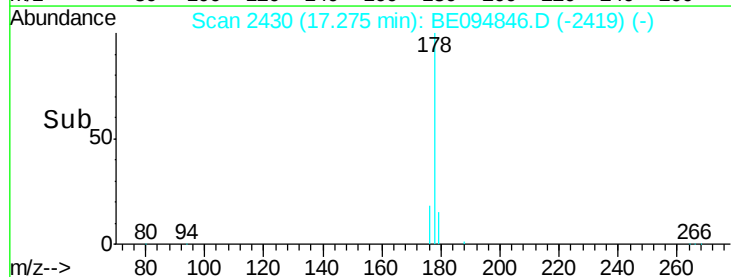
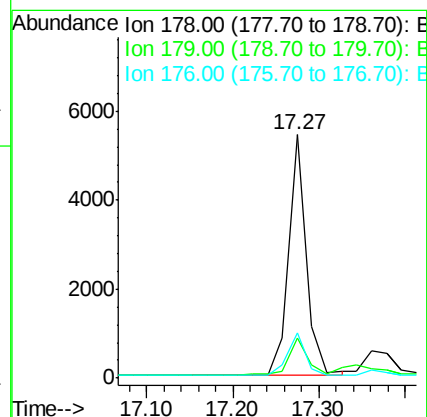
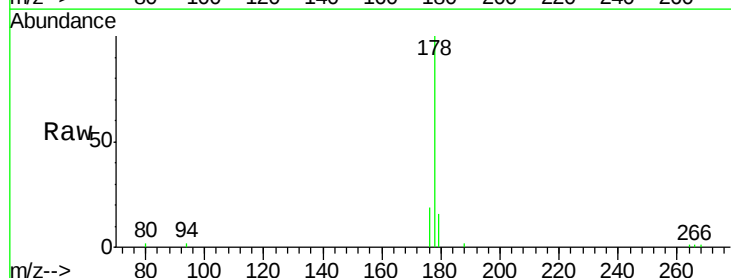
Tgt Ion:178 Resp: 7832

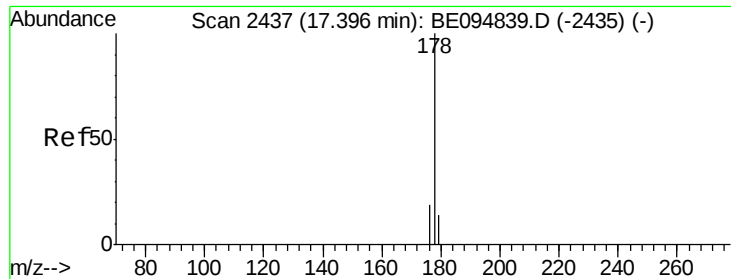
Ion Ratio Lower Upper

178 100

179 16.3 18.4 27.6#

176 18.8 13.6 20.4





#13

Anthracene

Concen: 0.06 ng/ul

RT: 17.36 min Scan# 2435

Delta R.T. -0.03 min

Lab File: BE094846.D

Acq: 22 Nov 2017 23:38

Instrument :

BNA_E

ClientSampleId :

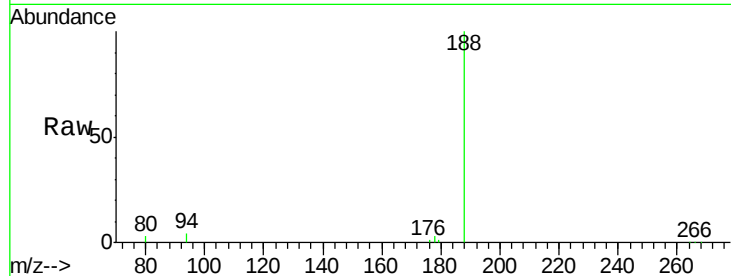
Tot Ion:178 Resp: 1286

Ion Ratio Lower Upper

178 100

179 32.9 18.1 27.1#

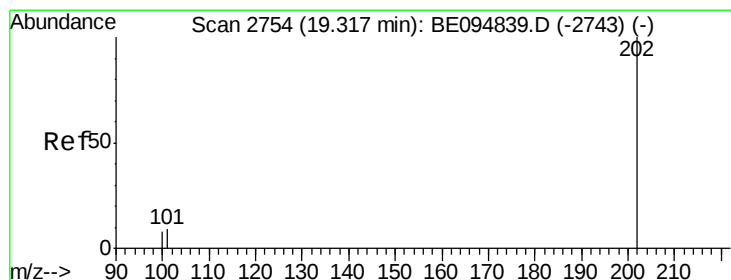
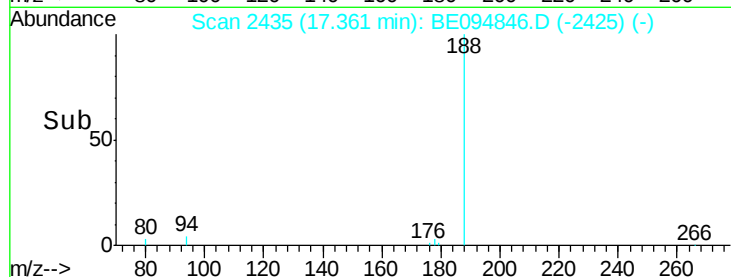
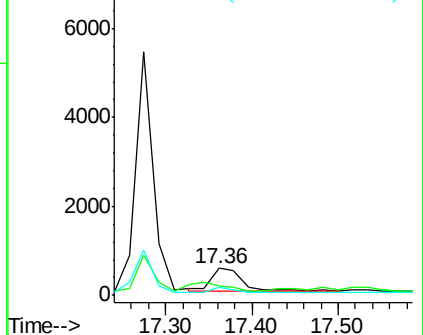
176 28.4 14.7 22.1#



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: 0.82 ng/ul

RT: 19.30 min Scan# 2750

Delta R.T. -0.02 min

Lab File: BE094846.D

Acq: 22 Nov 2017 23:38

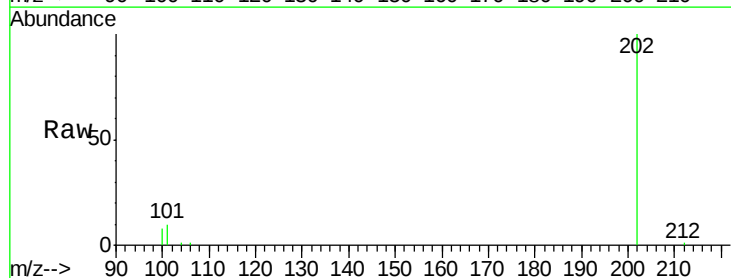
Tgt Ion:202 Resp: 23928

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.3

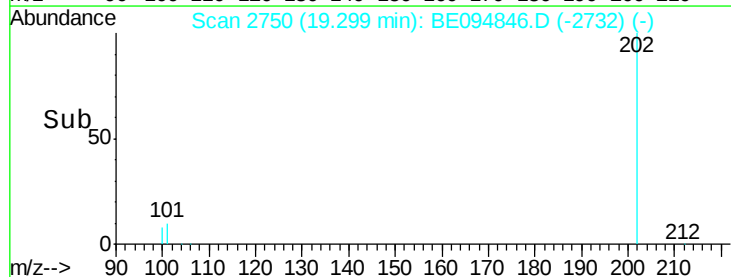
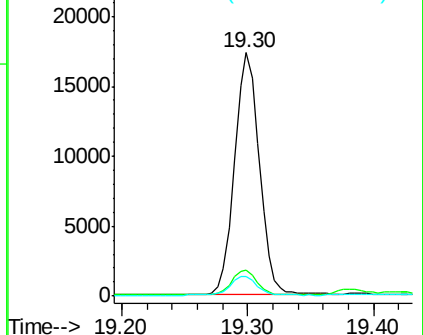
100 8.1 0.0 39.5

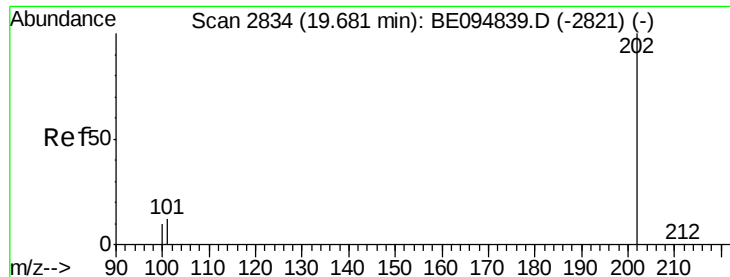


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#17

Pvrene

Concen: 0.79 ng/ul

RT: 19.66 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BE094846.D

Acq: 22 Nov 2017 23:38

Instrument :

BNA_E

ClientSampleId :

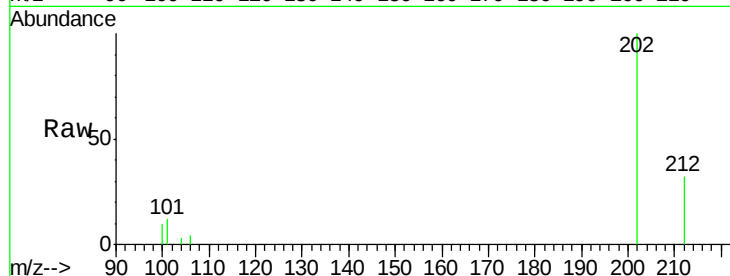
Tot Ion:202 Resp: 20991

Ion Ratio Lower Upper

202 100

101 12.0 18.2 27.4#

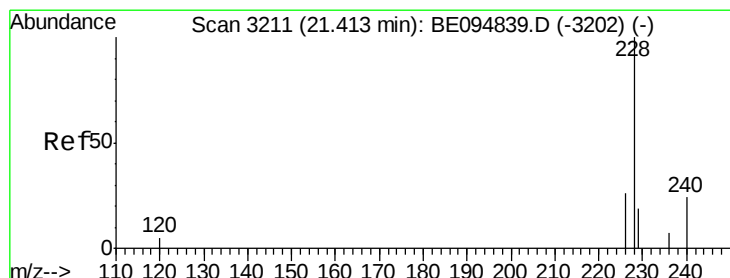
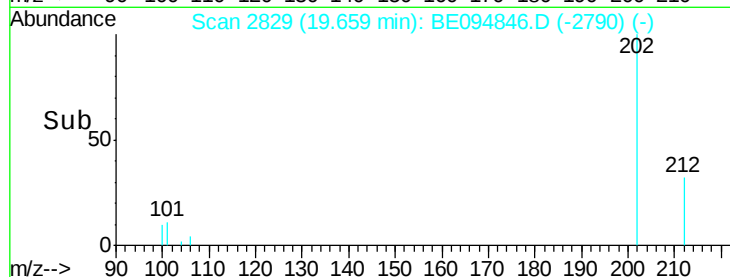
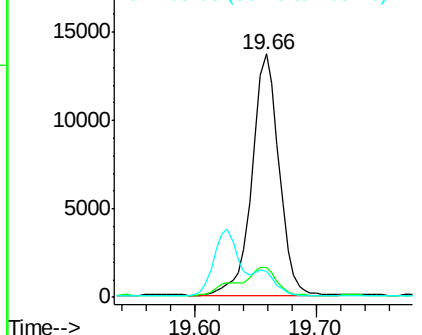
100 10.4 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 0.44 ng/ul

RT: 21.40 min Scan# 3208

Delta R.T. -0.01 min

Lab File: BE094846.D

Acq: 22 Nov 2017 23:38

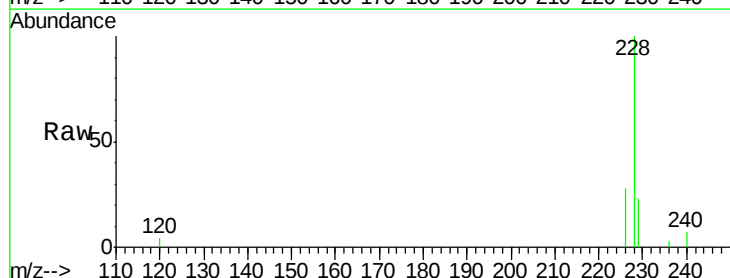
Tgt Ion:228 Resp: 11526

Ion Ratio Lower Upper

228 100

229 23.4 22.8 34.2

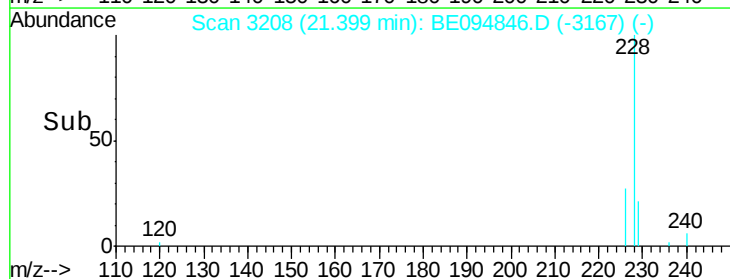
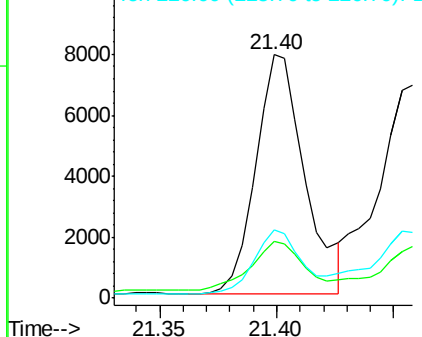
226 28.0 17.0 25.6#

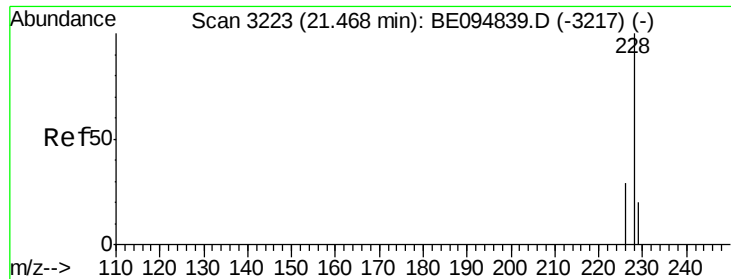


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.46 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094846.D

Acq: 22 Nov 2017 23:38

Instrument :

BNA_E

ClientSampleId :

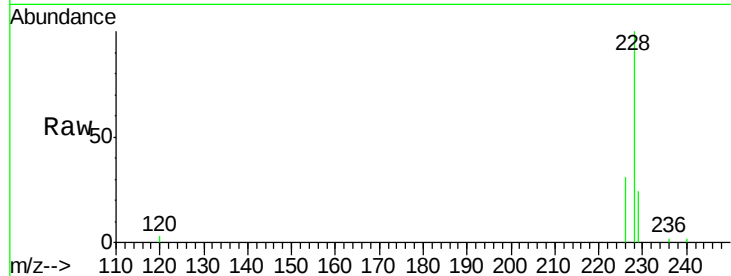
Tot Ion:228 Resp: 11816

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

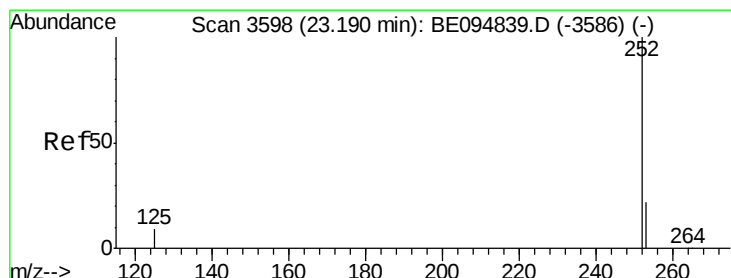
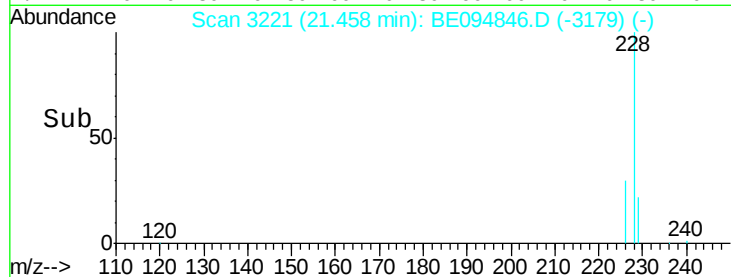
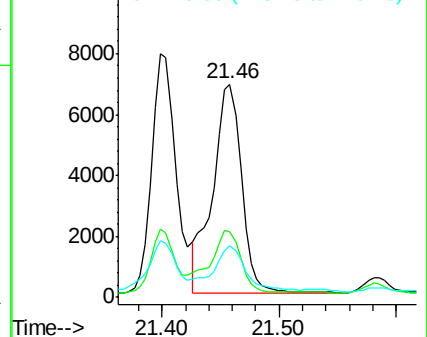
229 24.0 17.7 26.5



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: 0.80 ng/ul

RT: 23.18 min Scan# 3595

Delta R.T. -0.01 min

Lab File: BE094846.D

Acq: 22 Nov 2017 23:38

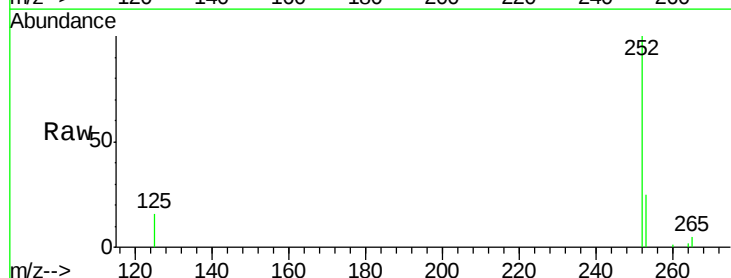
Tgt Ion:252 Resp: 21260

Ion Ratio Lower Upper

252 100

253 24.7 0.0 64.2

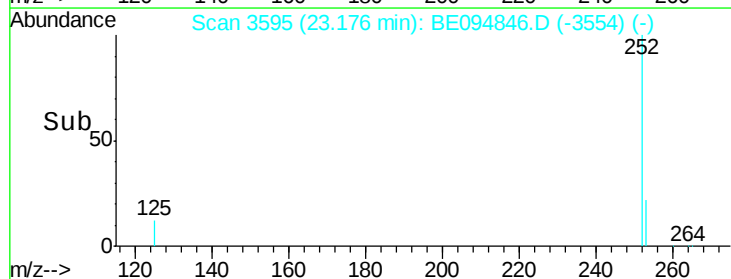
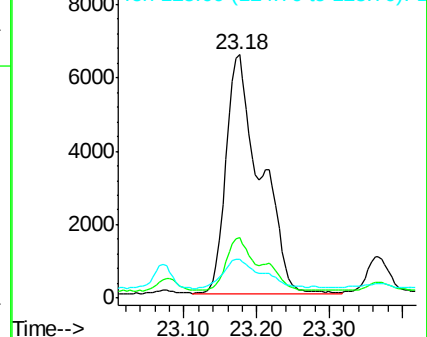
125 16.1 0.0 35.0

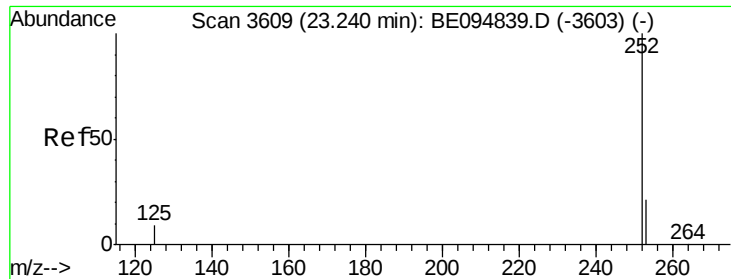


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.75 ng/ul

RT: 23.18 min Scan# 3595

Delta R.T. -0.06 min

Lab File: BE094846.D

Acq: 22 Nov 2017 23:38

Instrument :

BNA_E

ClientSampleId :

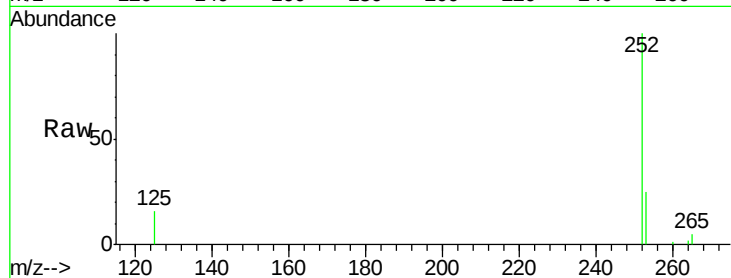
Tot Ion:252 Resp: 21260

Ion Ratio Lower Upper

252 100

253 24.7 24.5 36.7

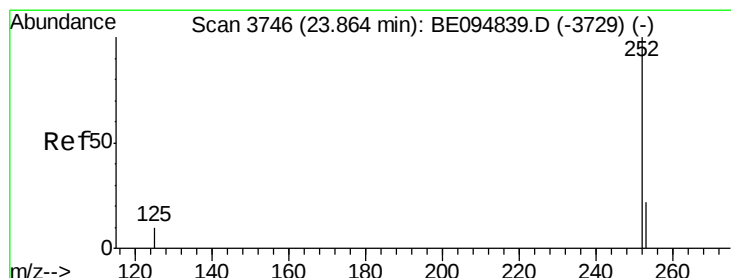
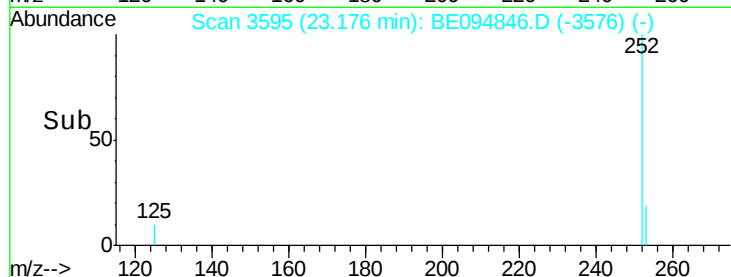
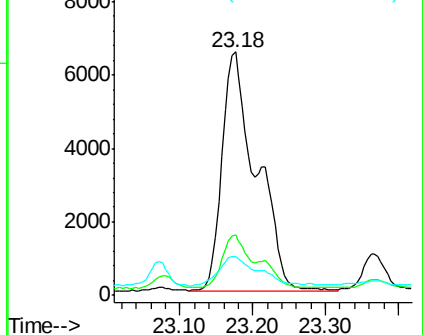
125 16.1 13.7 20.5



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: 0.34 ng/ul

RT: 23.83 min Scan# 3739

Delta R.T. -0.03 min

Lab File: BE094846.D

Acq: 22 Nov 2017 23:38

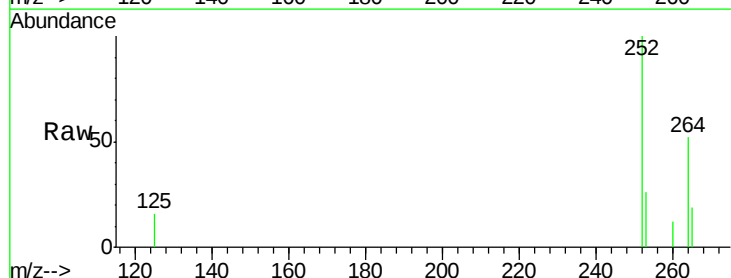
Tgt Ion:252 Resp: 9013

Ion Ratio Lower Upper

252 100

253 26.3 28.5 42.7#

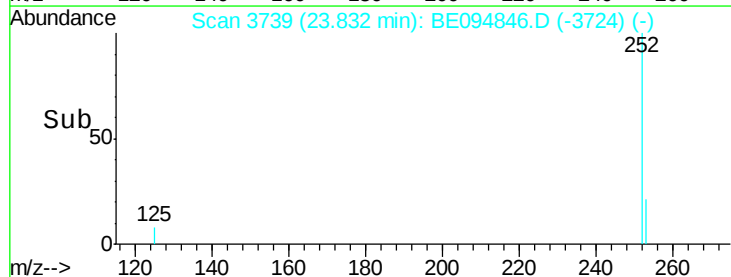
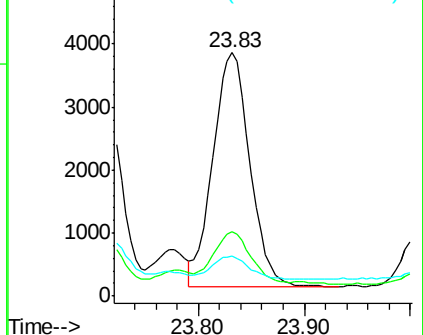
125 16.5 18.1 27.1#

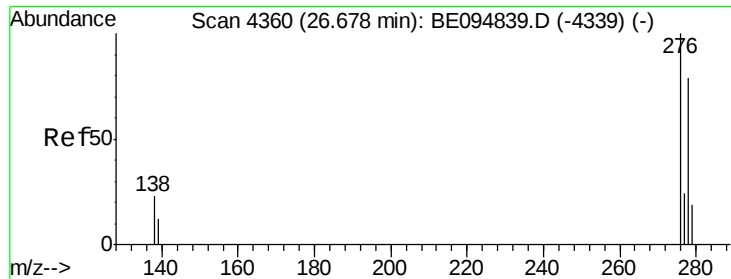


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



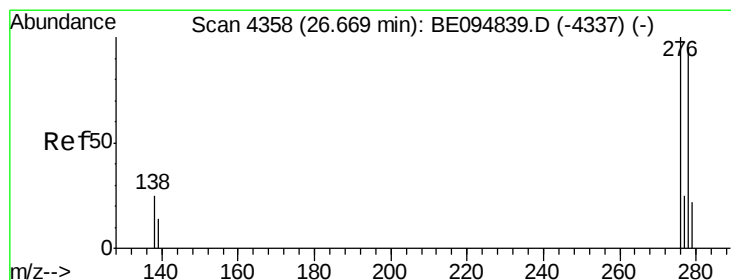
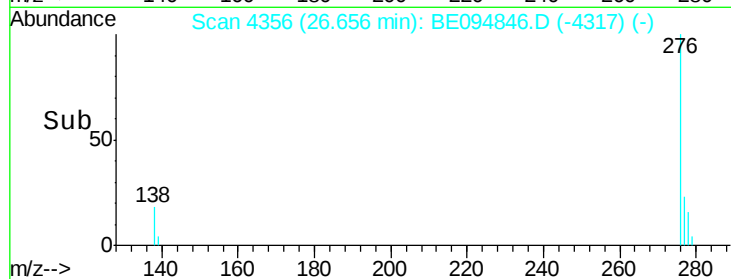
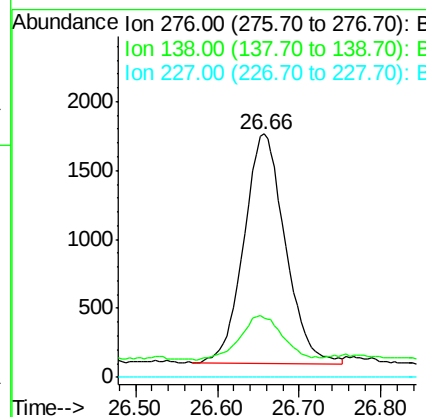
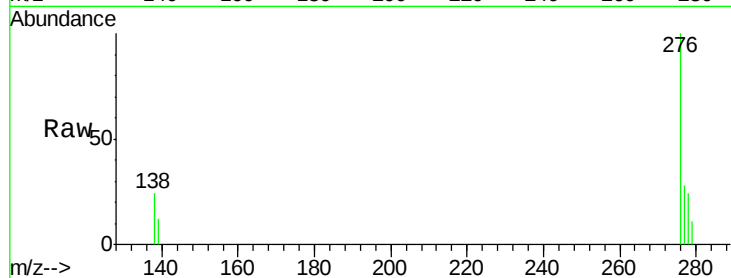


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.20 ng/ul
RT: 26.66 min Scan# 4356
Delta R.T. -0.02 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Instrument :
BNA_E
ClientSampleId :

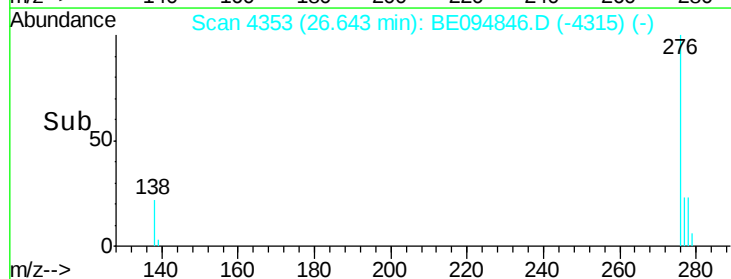
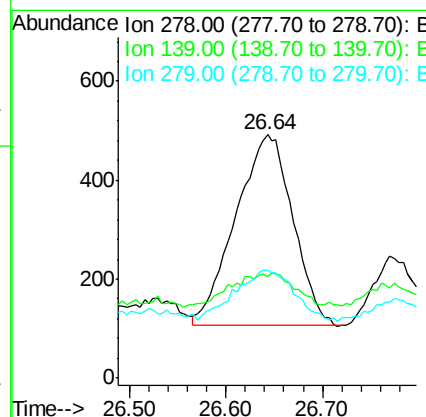
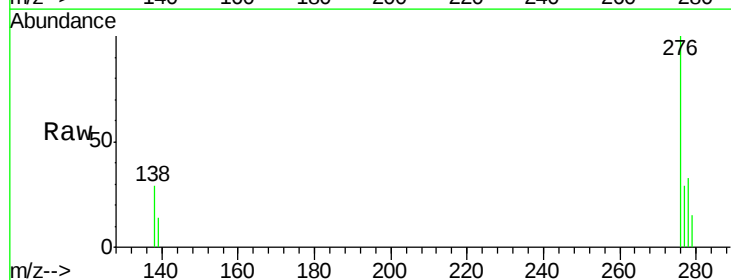
Tot Ion:276 Resp: 5840
Ion Ratio Lower Upper
276 100
138 20.1 28.0 42.0#
227 0.0 8.0 12.0#

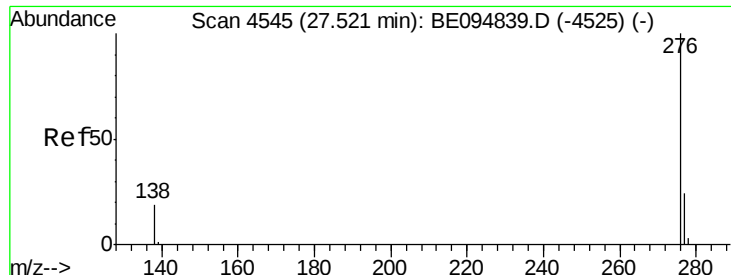


#25

Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul
RT: 26.64 min Scan# 4353
Delta R.T. -0.03 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Tgt Ion:278 Resp: 1591
Ion Ratio Lower Upper
278 100
139 41.7 17.4 26.0#
279 44.5 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.18 ng/ul

RT: 27.50 min Scan# 4541

Delta R.T. -0.02 min

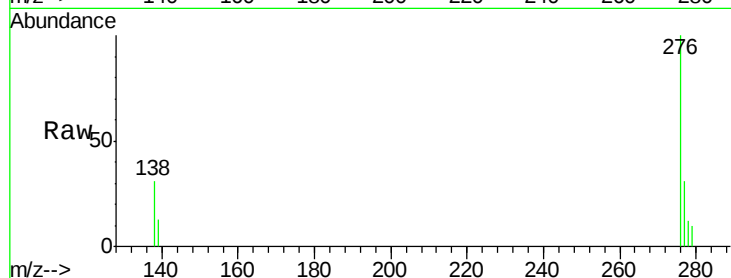
Lab File: BE094846.D

Acq: 22 Nov 2017 23:38

Instrument :

BNA_E

ClientSampleId :



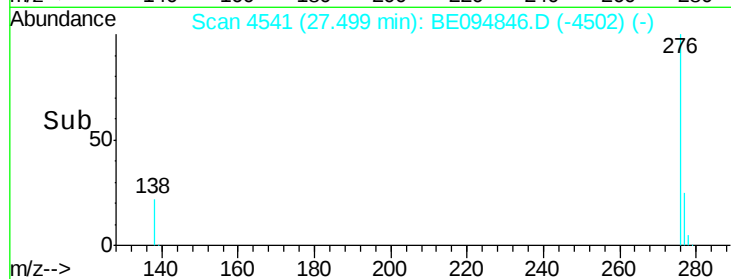
Tot Ion:276 Resp: 4426

Ion Ratio Lower Upper

276 100

138 30.9 21.8 32.8

277 30.9 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

