

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111517\
 Data File : BE094811.D
 Acq On : 15 Nov 2017 11:53
 Operator : SJ/JU
 Sample : I6260-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 16 01:01:41 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 16 00:58:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	899	0.40	ng/ul	0.00
2) Naphthalene-d8	10.73	136	4884	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.54	164	2933	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.27	188	8209	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9833	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	9579	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.33	152	2383	0.30	ng/ul	0.02
14) Fluoranthene-d10	19.29	212	9019	0.32	ng/ul	0.00

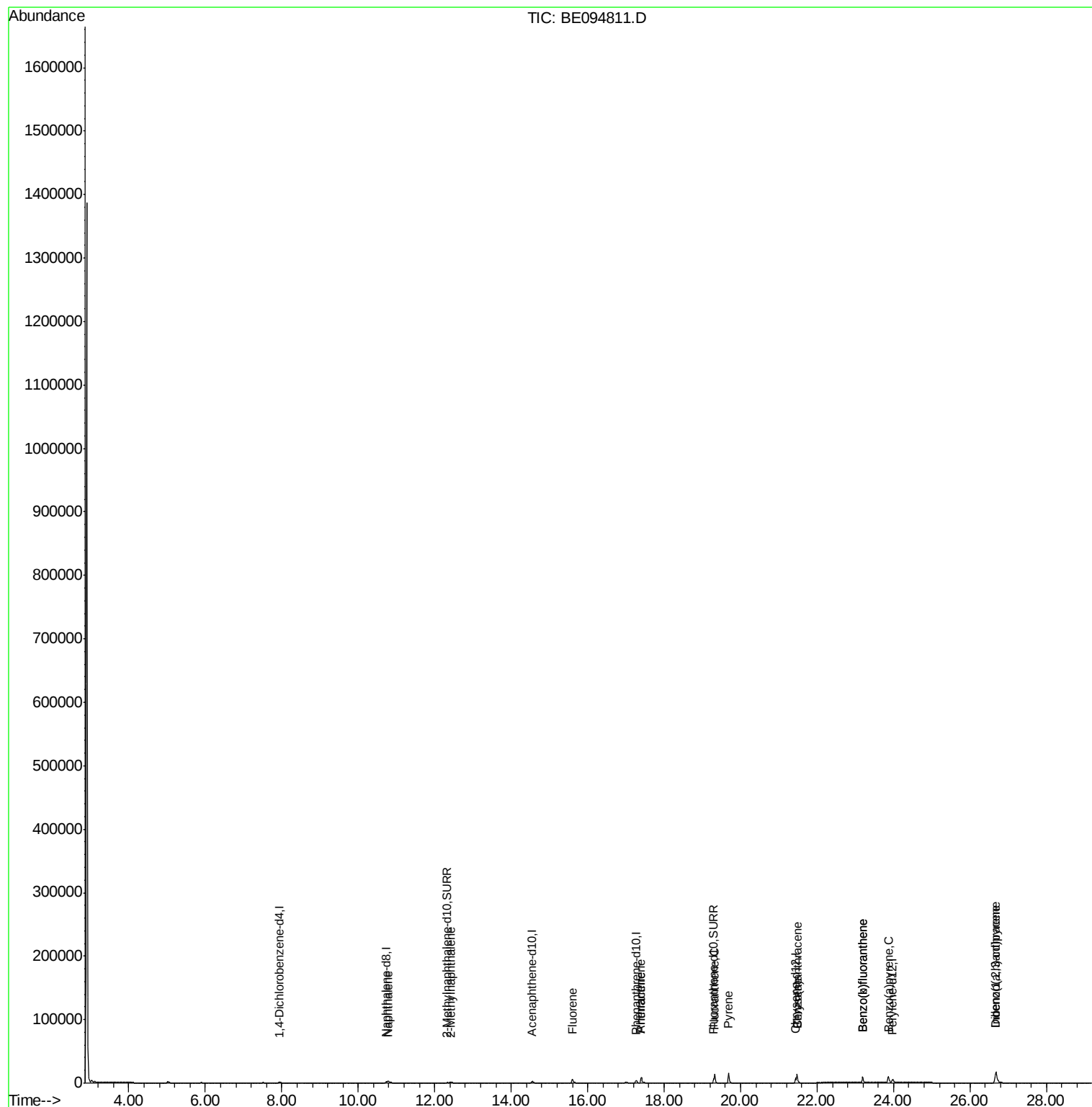
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.78	128	7493	0.64	ng/ul#	95
5) 2-Methylnaphthalene	12.41	142	3372	0.42	ng/ul	98
9) Fluorene	15.60	166	6814	0.59	ng/ul	94
12) Phenanthrene	17.39	178	16510	0.75	ng/ul#	87
13) Anthracene	17.39	178	18016	0.80	ng/ul#	89
15) Fluoranthene	19.32	202	19914	0.69	ng/ul	84
17) Pyrene	19.69	202	23695	0.77	ng/ul#	80
18) Benzo(a)anthracene	21.48	228	18302	0.61	ng/ul#	84
19) Chrysene	21.48	228	18393	0.62	ng/ul	98
21) Benzo(b)fluoranthene	23.19	252	14756	0.52	ng/ul	86
22) Benzo(k)fluoranthene	23.19	252	14756	0.49	ng/ul#	87
23) Benzo(a)pyrene	23.86	252	19511	0.69	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.68	276	8849	0.29	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.68	278	37696	1.45	ng/ul#	88

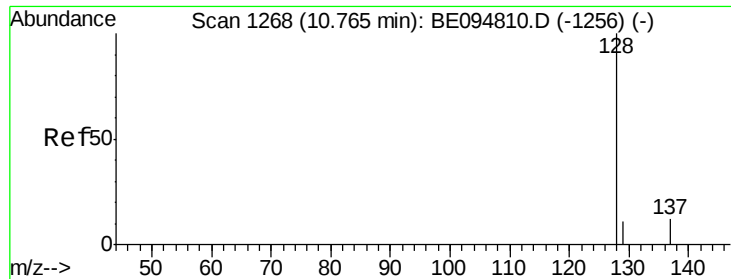
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111517\
Data File : BE094811.D
Acq On : 15 Nov 2017 11:53
Operator : SJ/JU
Sample : I6260-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 16 01:01:41 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 16 00:58:39 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.64 ng/ul

RT: 10.78 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BE094811.D

Acq: 15 Nov 2017 11:53

Instrument :

BNA_E

ClientSampled :

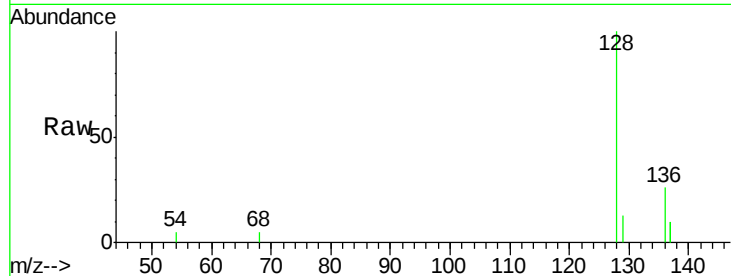
Tot Ion:128 Resp: 7493

Ion Ratio Lower Upper

128 100

129 13.5 11.3 16.9

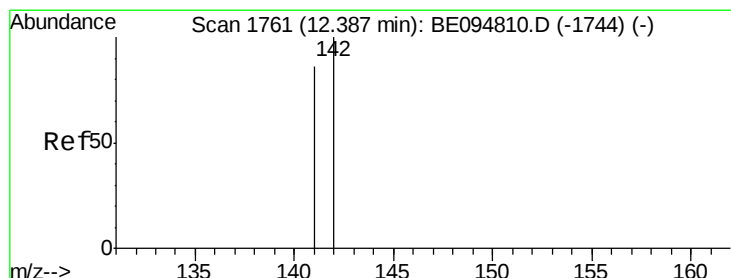
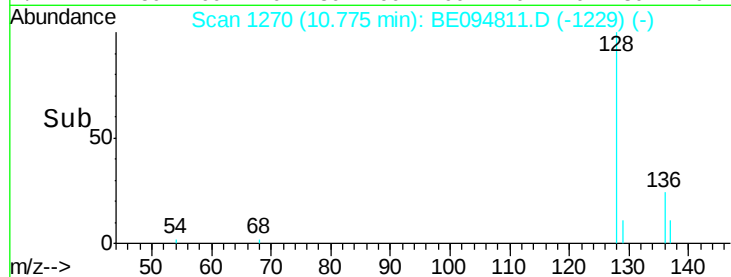
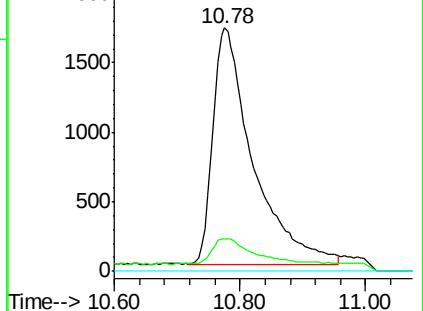
127 0.0 4.0 6.0#



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: 0.42 ng/ul

RT: 12.41 min Scan# 1767

Delta R.T. 0.02 min

Lab File: BE094811.D

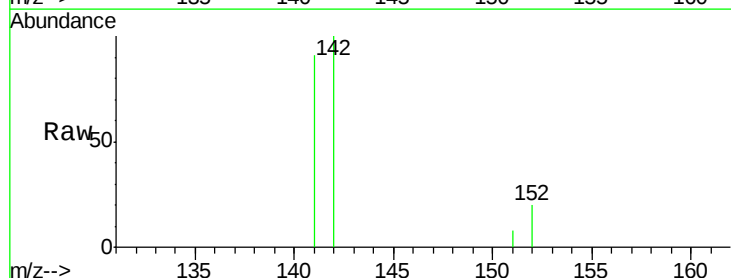
Acq: 15 Nov 2017 11:53

Tgt Ion:142 Resp: 3372

Ion Ratio Lower Upper

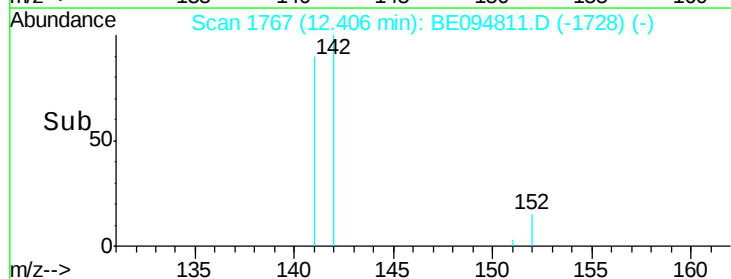
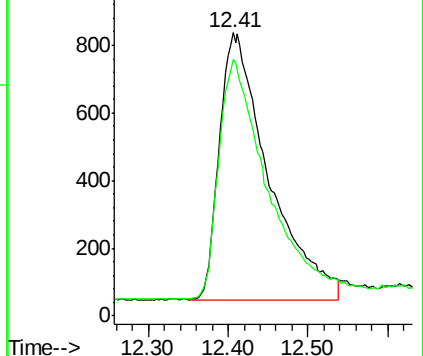
142 100

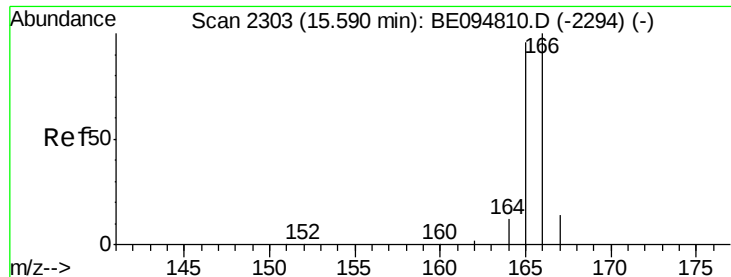
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

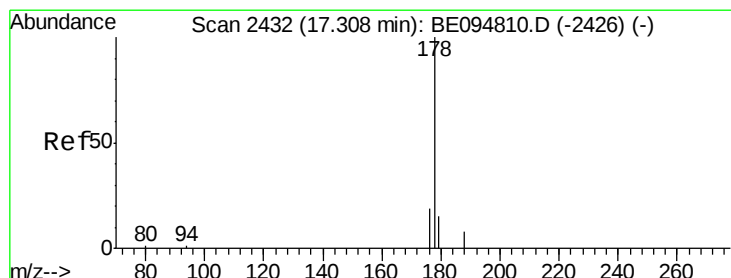
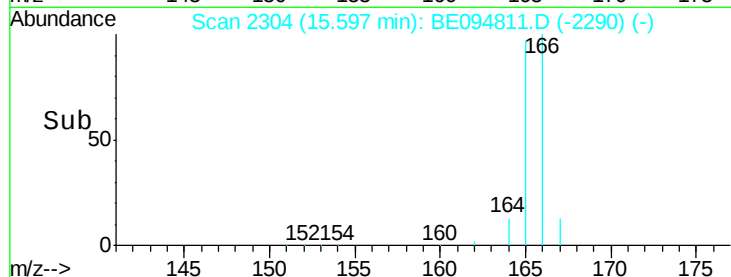
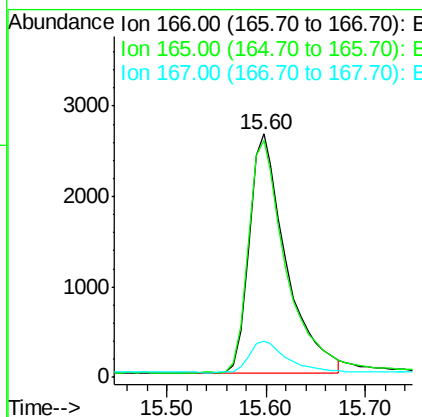
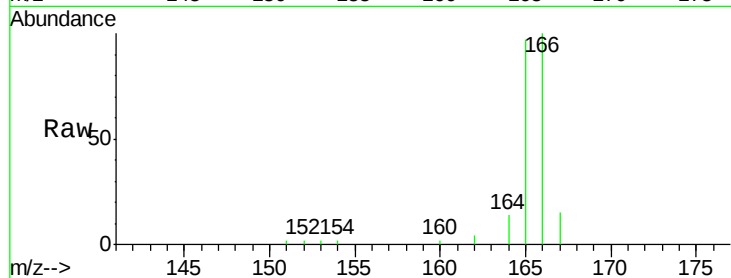




#9
Fluorene
 Concen: 0.59 ng/ul
 RT: 15.60 min Scan# 2304
 Delta R.T. 0.01 min
 Lab File: BE094811.D
 Acq: 15 Nov 2017 11:53

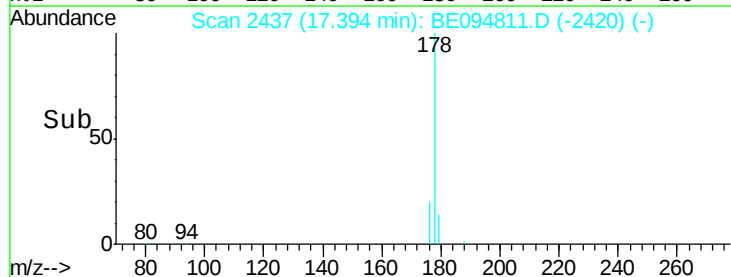
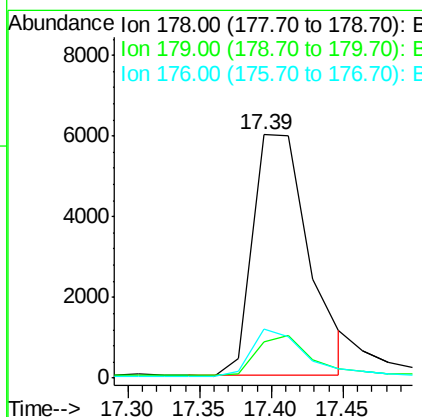
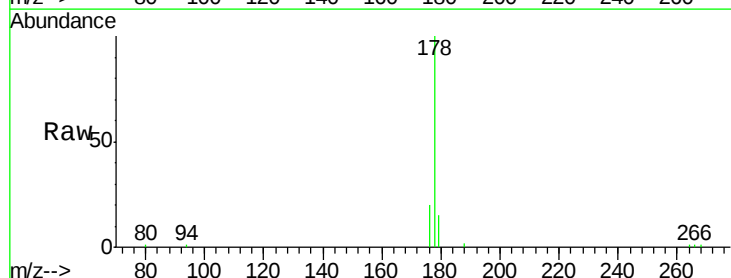
Instrument :
 BNA_E
 ClientSampleId :

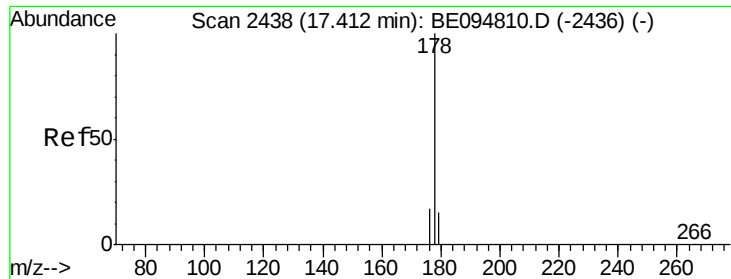
Tot Ion:166 Resp: 6814
 Ion Ratio Lower Upper
 166 100
 165 97.2 73.4 110.2
 167 15.0 14.6 22.0



#12
Phenanthrene
 Concen: 0.75 ng/ul
 RT: 17.39 min Scan# 2437
 Delta R.T. 0.09 min
 Lab File: BE094811.D
 Acq: 15 Nov 2017 11:53

Tgt Ion:178 Resp: 16510
 Ion Ratio Lower Upper
 178 100
 179 14.7 18.4 27.6#
 176 20.2 13.6 20.4





#13

Anthracene

Concen: 0.80 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. -0.02 min

Lab File: BE094811.D

Acq: 15 Nov 2017 11:53

Instrument :

BNA_E

ClientSampleId :

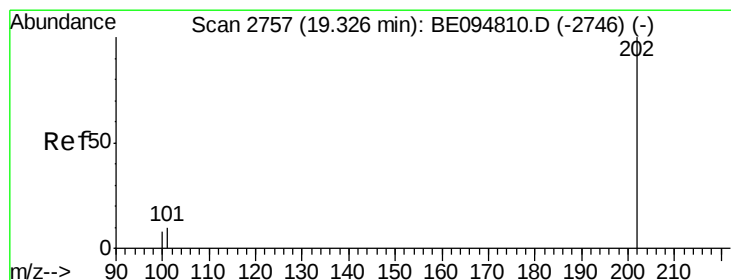
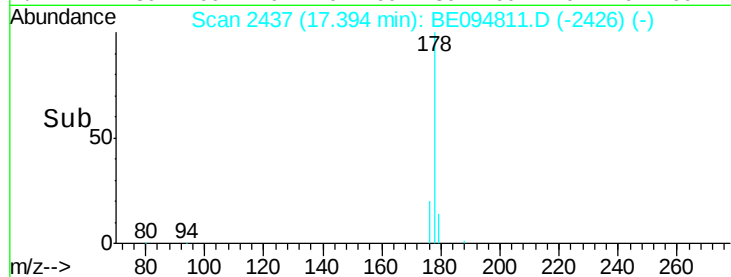
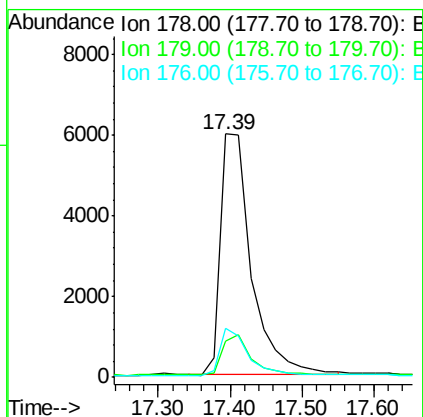
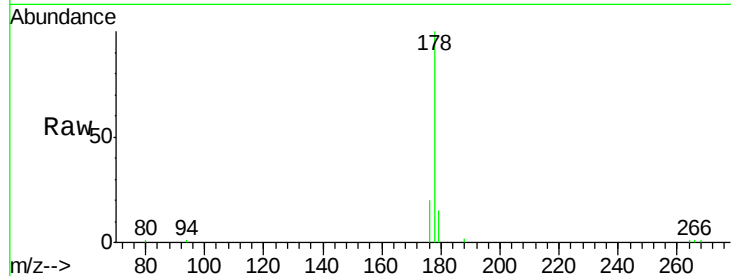
Tot Ion:178 Resp: 18016

Ion Ratio Lower Upper

178 100

179 14.7 18.1 27.1#

176 20.2 14.7 22.1



#15

Fluoranthene

Concen: 0.69 ng/ul

RT: 19.32 min Scan# 2756

Delta R.T. -0.00 min

Lab File: BE094811.D

Acq: 15 Nov 2017 11:53

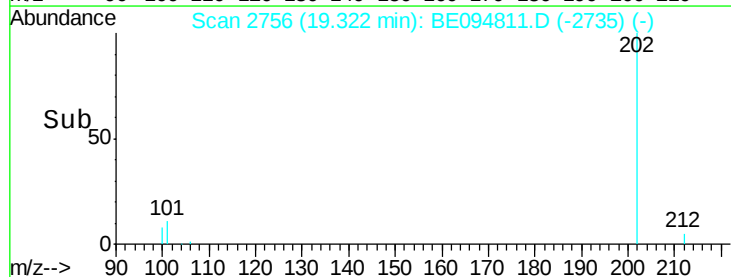
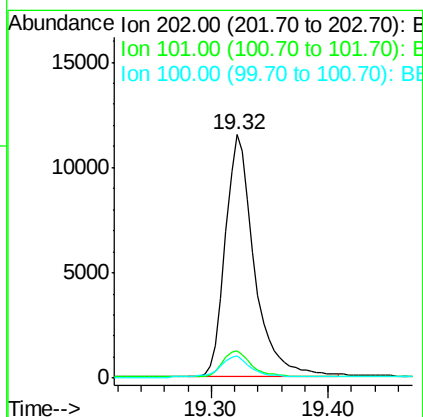
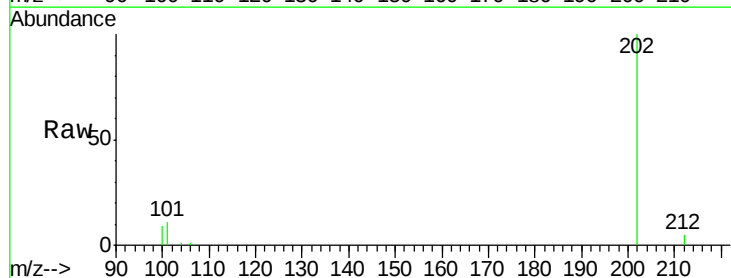
Tgt Ion:202 Resp: 19914

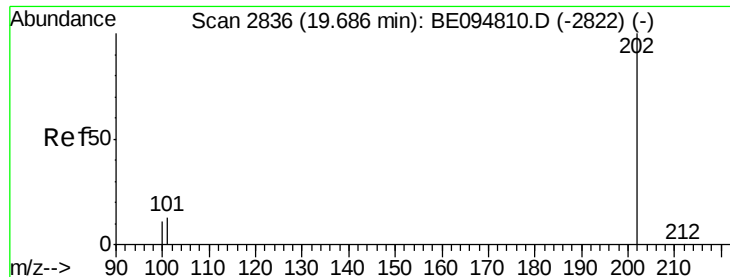
Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

100 8.8 0.0 39.5





#17

Pvrene

Concen: 0.77 ng/ul

RT: 19.69 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BE094811.D

Acq: 15 Nov 2017 11:53

Instrument :

BNA_E

ClientSampleId :

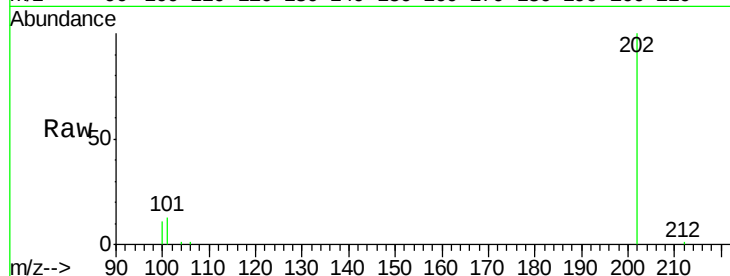
Tot Ion:202 Resp: 23695

Ion Ratio Lower Upper

202 100

101 13.0 18.2 27.4#

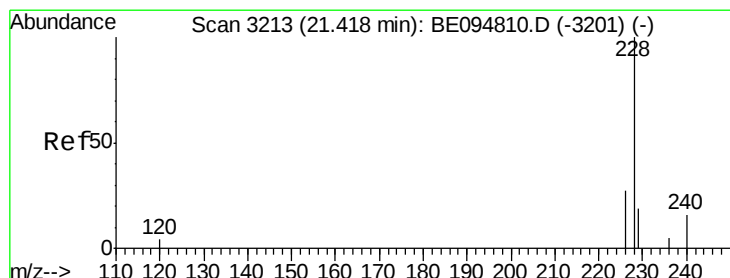
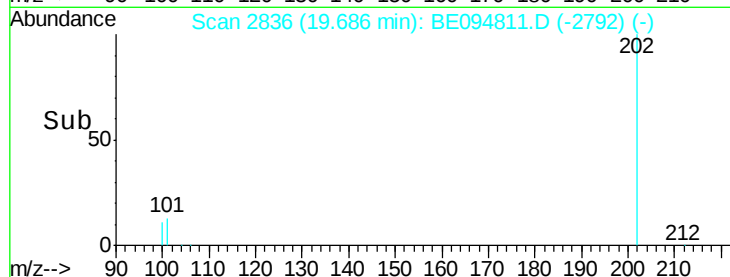
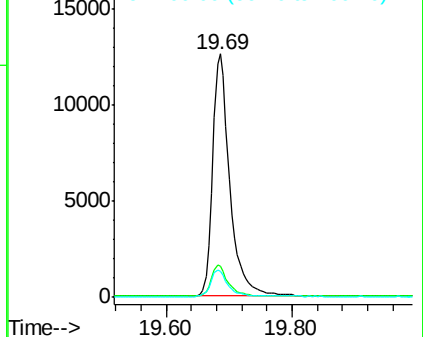
100 10.9 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 0.61 ng/ul

RT: 21.48 min Scan# 3226

Delta R.T. 0.06 min

Lab File: BE094811.D

Acq: 15 Nov 2017 11:53

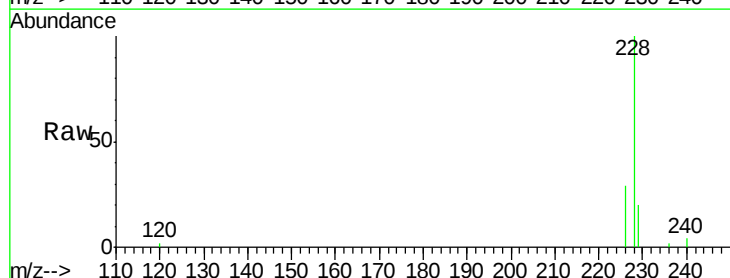
Tgt Ion:228 Resp: 18302

Ion Ratio Lower Upper

228 100

229 20.4 22.8 34.2#

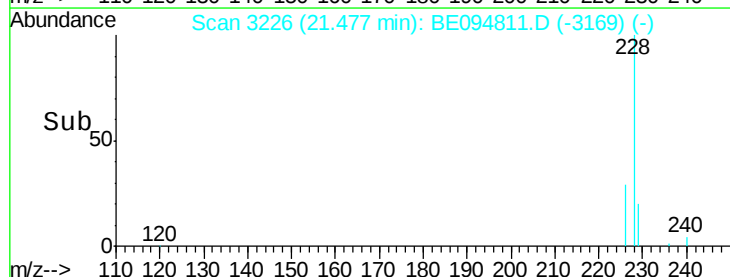
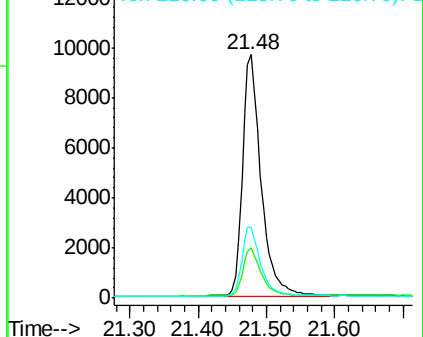
226 29.3 17.0 25.6#

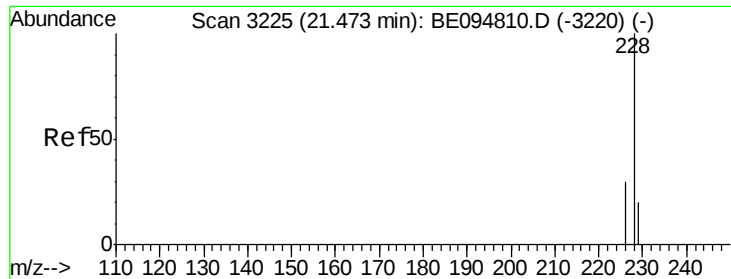


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.62 ng/ul

RT: 21.48 min Scan# 3226

Delta R.T. 0.00 min

Lab File: BE094811.D

Acq: 15 Nov 2017 11:53

Instrument :

BNA_E

ClientSampleId :

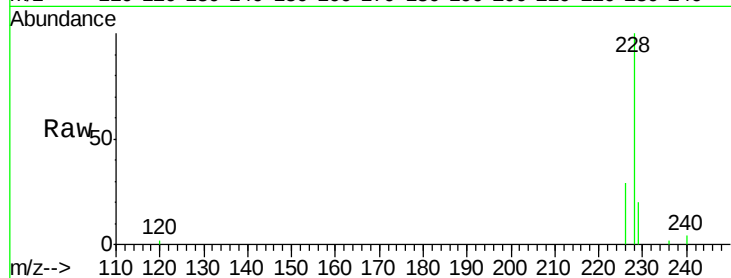
Tot Ion:228 Resp: 18393

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.0

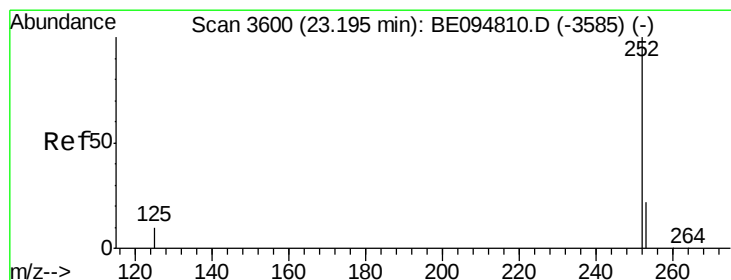
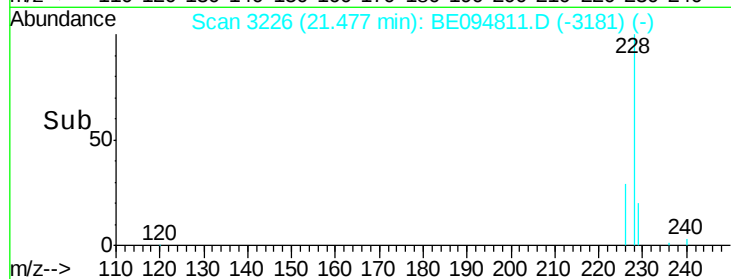
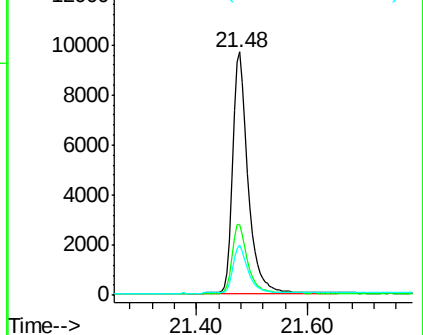
229 20.4 17.7 26.5



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: 0.52 ng/ul

RT: 23.19 min Scan# 3600

Delta R.T. -0.00 min

Lab File: BE094811.D

Acq: 15 Nov 2017 11:53

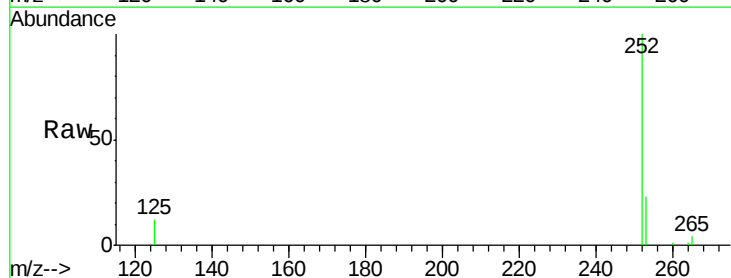
Tgt Ion:252 Resp: 14756

Ion Ratio Lower Upper

252 100

253 23.4 0.0 64.2

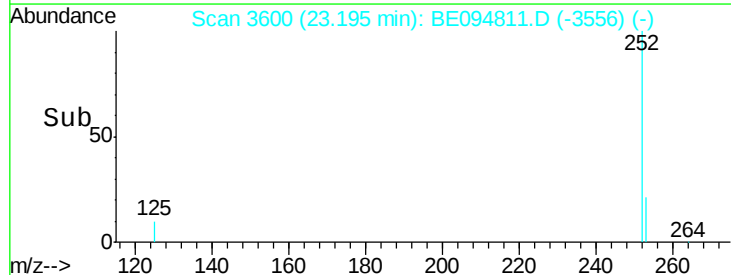
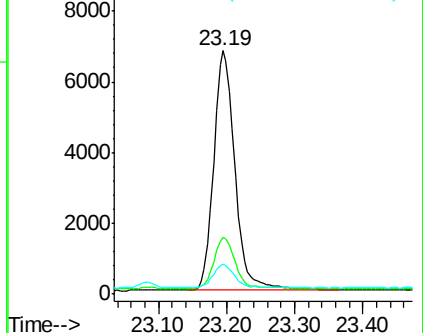
125 12.1 0.0 35.0

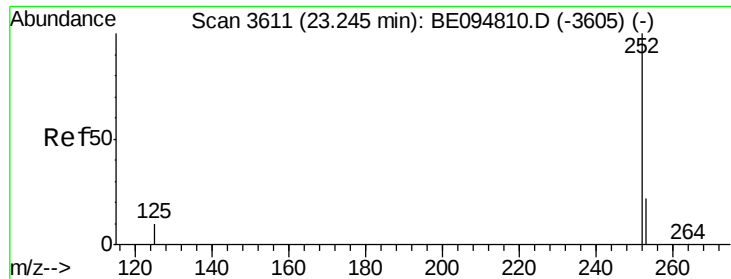


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.49 ng/ul

RT: 23.19 min Scan# 3600

Delta R.T. -0.05 min

Lab File: BE094811.D

Acq: 15 Nov 2017 11:53

Instrument :

BNA_E

ClientSampleId :

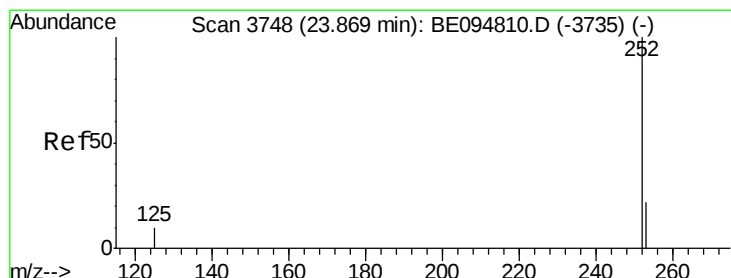
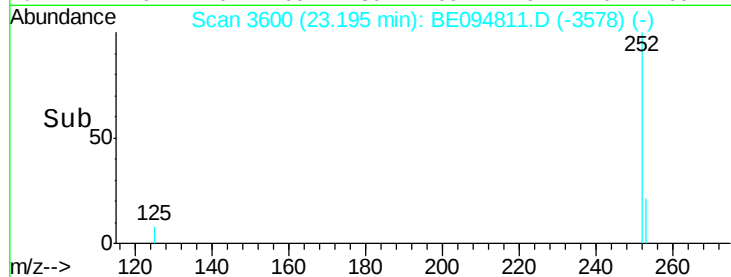
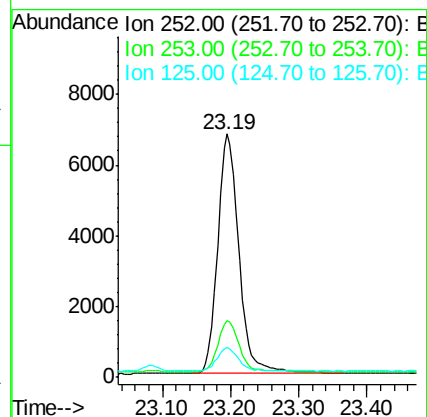
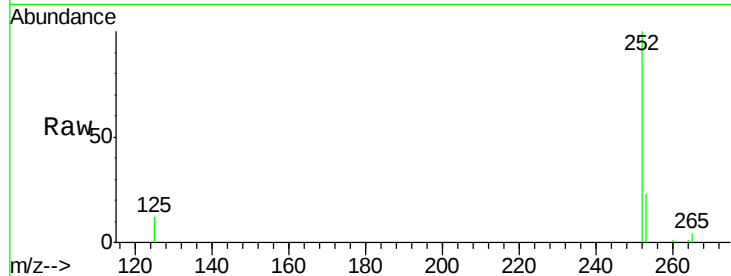
Tot Ion:252 Resp: 14756

Ion Ratio Lower Upper

252 100

253 23.4 24.5 36.7#

125 12.1 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.69 ng/ul

RT: 23.86 min Scan# 3747

Delta R.T. -0.00 min

Lab File: BE094811.D

Acq: 15 Nov 2017 11:53

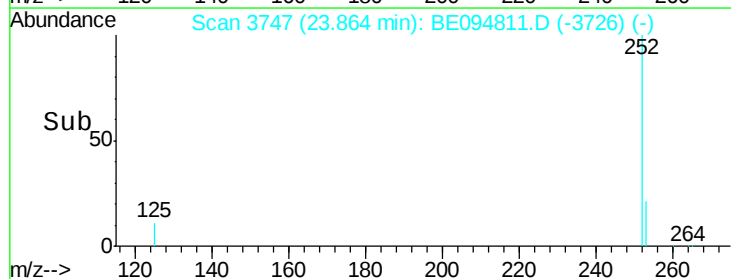
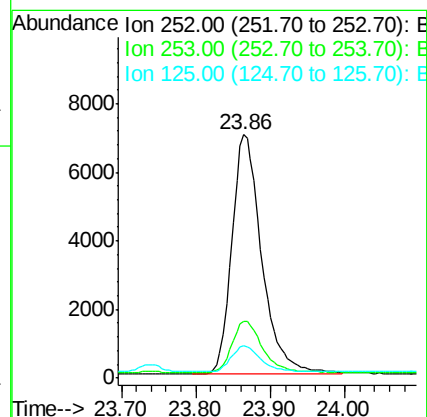
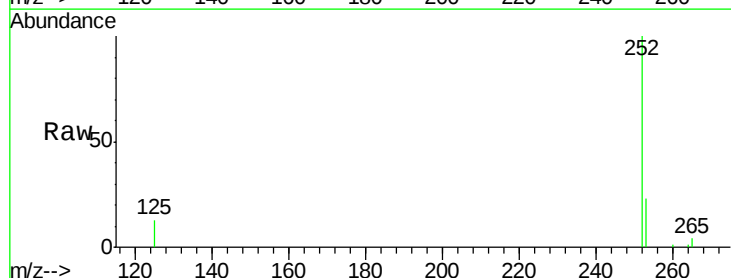
Tgt Ion:252 Resp: 19511

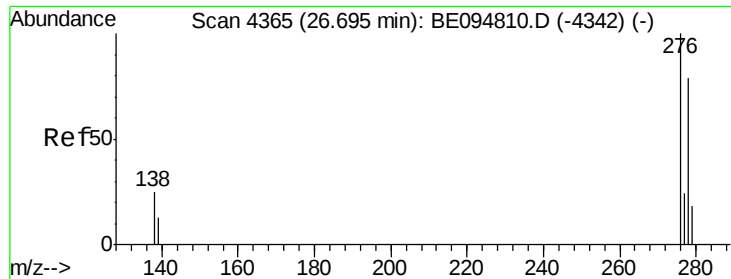
Ion Ratio Lower Upper

252 100

253 23.4 28.5 42.7#

125 13.3 18.1 27.1#

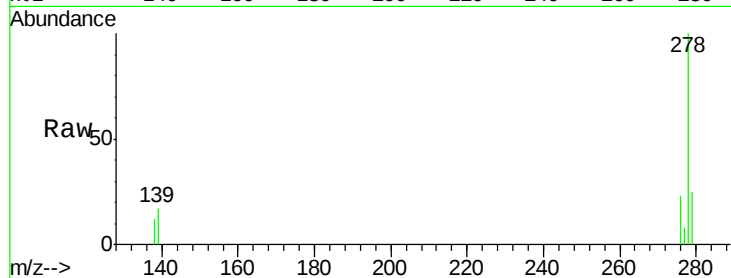




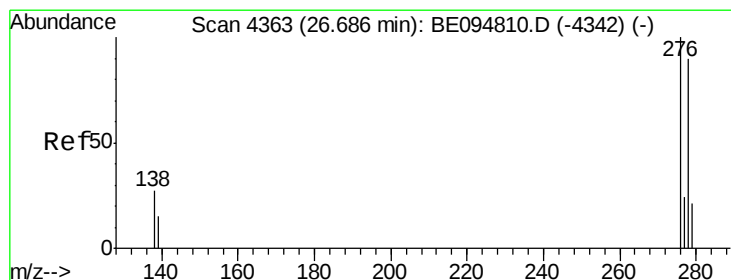
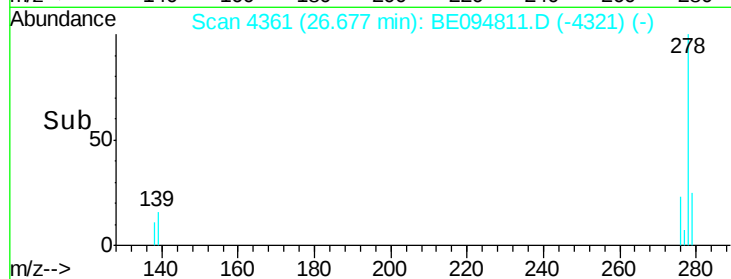
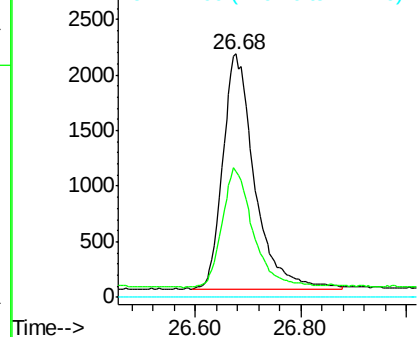
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.29 ng/ul
 RT: 26.68 min Scan# 4361
 Delta R.T. -0.02 min
 Lab File: BE094811.D
 Acq: 15 Nov 2017 11:53

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 8849
 Ion Ratio Lower Upper
 276 100
 138 49.7 28.0 42.0#
 227 0.0 8.0 12.0#

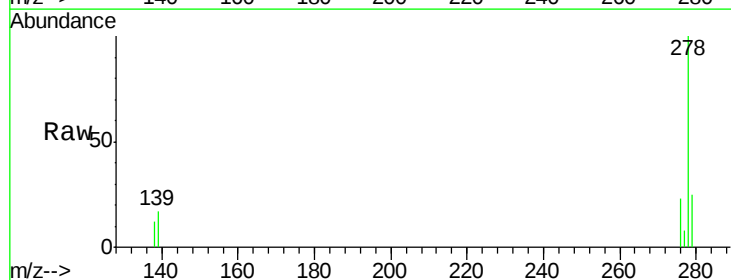


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E



#25
 Dibenzo(a,h)anthracene
 Concen: 1.45 ng/ul
 RT: 26.68 min Scan# 4361
 Delta R.T. -0.01 min
 Lab File: BE094811.D
 Acq: 15 Nov 2017 11:53

Tgt Ion:278 Resp: 37696
 Ion Ratio Lower Upper
 278 100
 139 16.7 17.4 26.0#
 279 25.4 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

