

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
 Data File : BE094561.D
 Acq On : 26 Oct 2017 14:14
 Operator : SJ/JU
 Sample : I5719-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 27 07:40:07 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

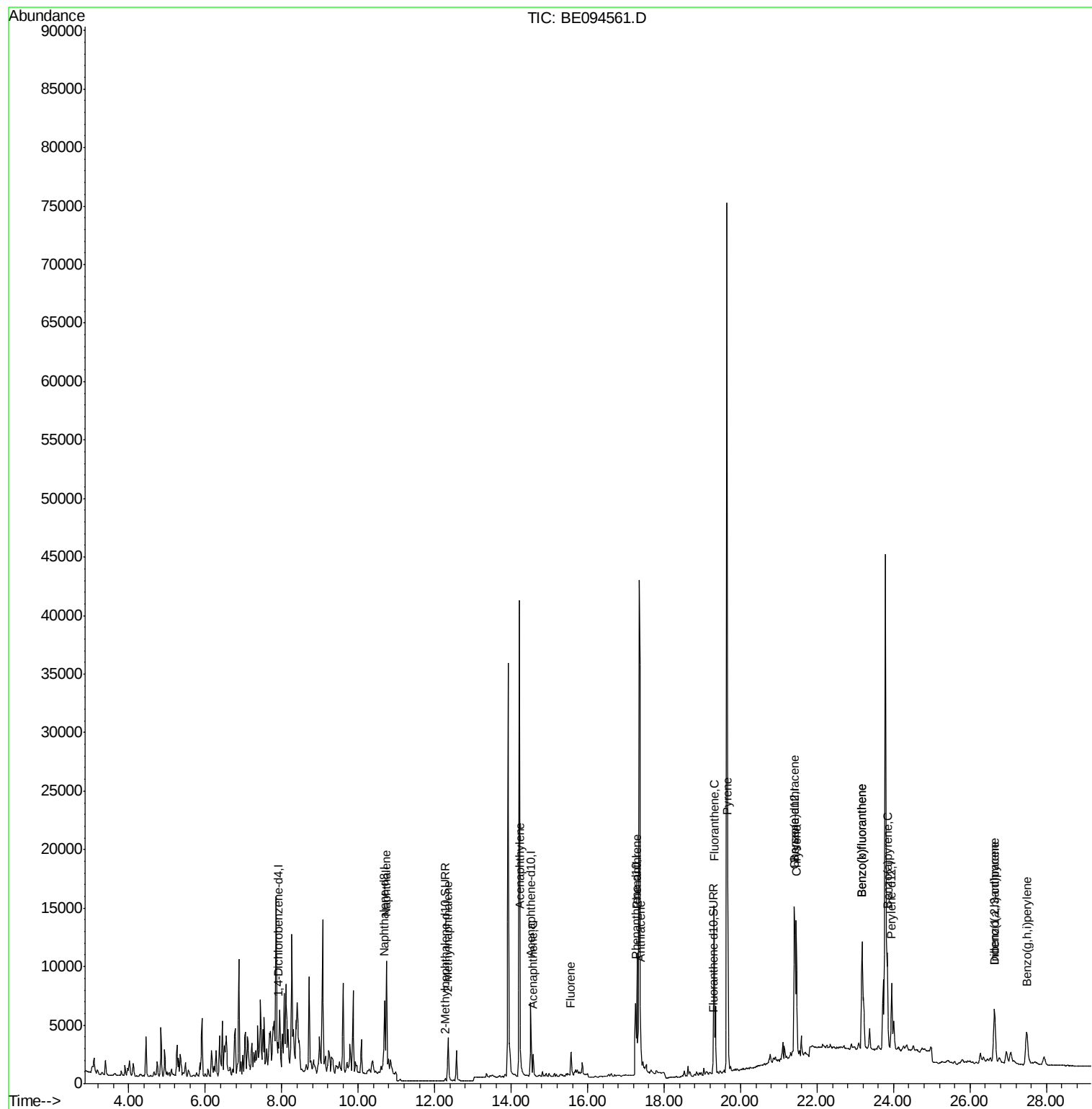
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1174	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	6843	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	3920	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8829	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	8801	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	8978	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	391	0.04	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	961	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	16399	0.980	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	3824	0.327	ng/ul	96
7) Acenaphthylene	14.24	152	626	0.035	ng/ul#	72
8) Acenaphthene	14.57	153	1217	0.096	ng/ul	93
9) Fluorene	15.57	166	1513	0.106	ng/ul	93
12) Phenanthrene	17.29	178	12348	0.529	ng/ul#	91
13) Anthracene	17.38	178	3006	0.131	ng/ul#	95
15) Fluoranthene	19.31	202	19641	0.728	ng/ul	84
17) Pyrene	19.67	202	17130	0.630	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	11202	0.445	ng/ul#	92
19) Chrysene	21.46	228	13111	0.504	ng/ul#	91
21) Benzo(b)fluoranthene	23.18	252	22793	0.903	ng/ul	89
22) Benzo(k)fluoranthene	23.18	252	22793	0.842	ng/ul#	90
23) Benzo(a)pyrene	23.84	252	12213	0.484	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.64	276	9131	0.350	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	2396	0.109	ng/ul#	41
26) Benzo(a,h,i)perylene	27.48	276	8323	0.397	ng/ul#	87

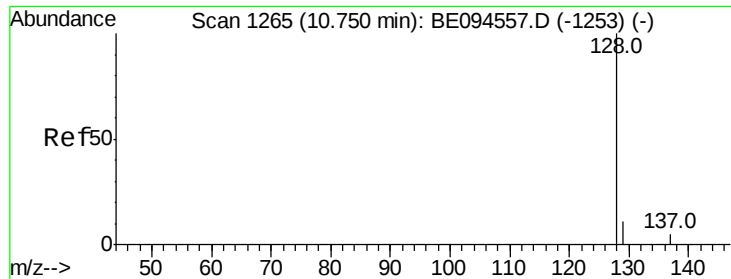
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094561.D
Acq On : 26 Oct 2017 14:14
Operator : SJ/JU
Sample : I5719-03DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 27 07:40:07 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.980 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Instrument :

BNA_E

ClientSampleId :

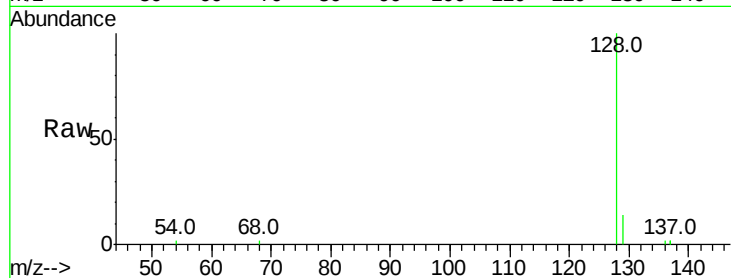
Tot Ion:128 Resp: 16399

Ion Ratio Lower Upper

128 100

129 14.5 11.3 16.9

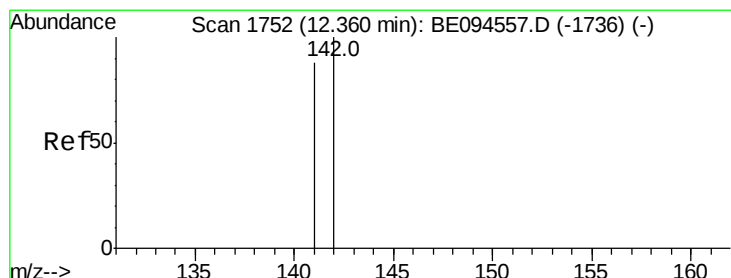
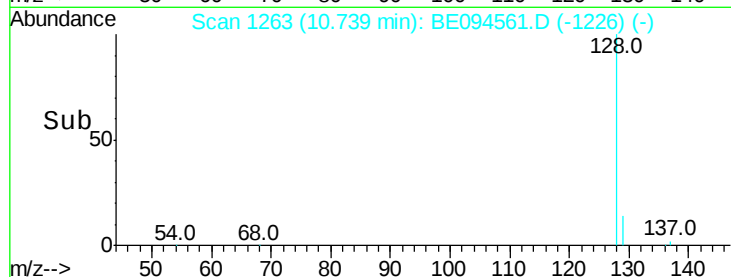
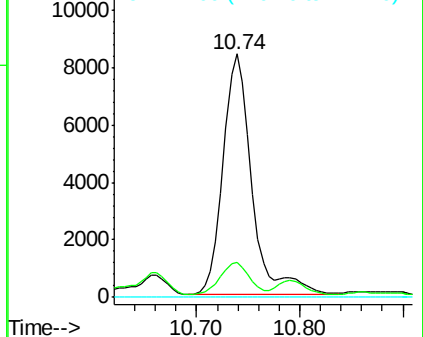
127 0.0 4.0 6.0#



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: 0.327 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BE094561.D

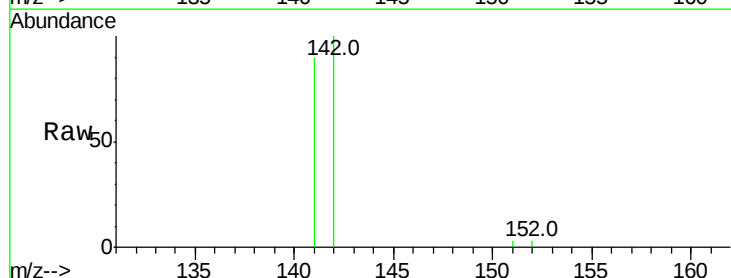
Acq: 26 Oct 2017 14:14

Tgt Ion:142 Resp: 3824

Ion Ratio Lower Upper

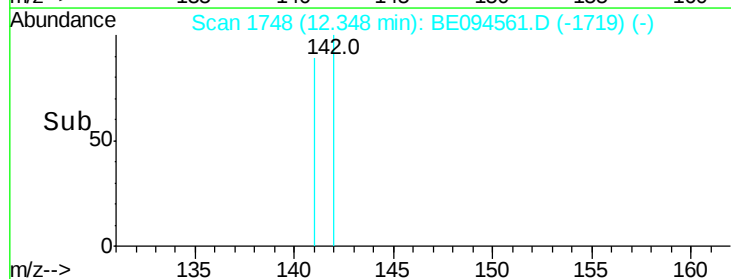
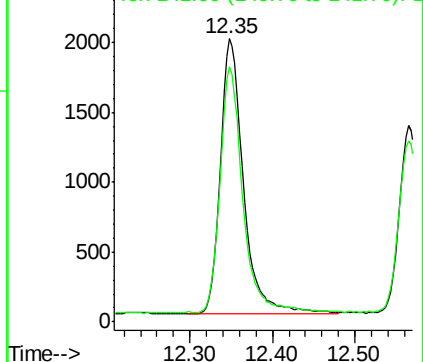
142 100

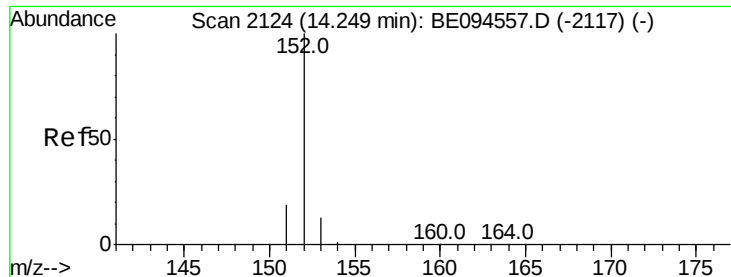
141 87.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Instrument :

BNA_E

ClientSampleId :

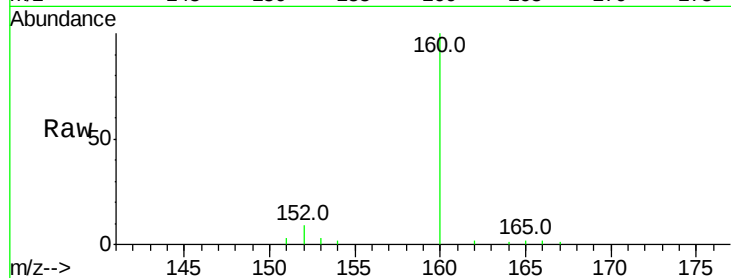
Tot Ion:152 Resp: 626

Ion Ratio Lower Upper

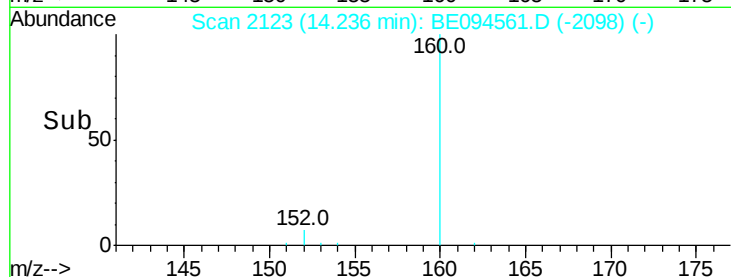
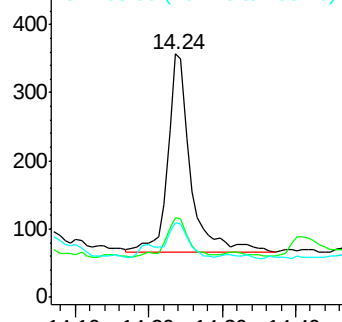
152 100

151 32.5 17.1 25.7#

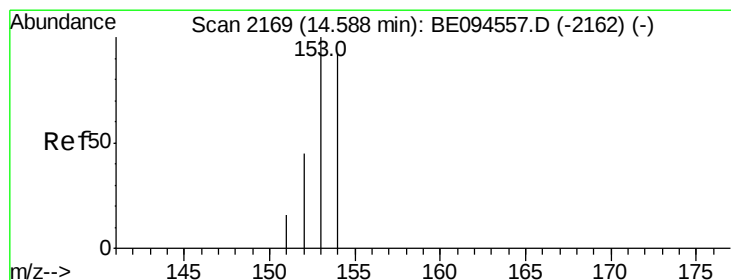
153 30.5 12.8 19.2#



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



Time-->



#8

Acenaphthene

Concen: 0.096 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

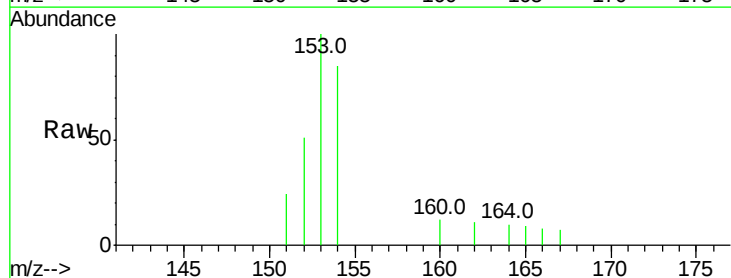
Tgt Ion:153 Resp: 1217

Ion Ratio Lower Upper

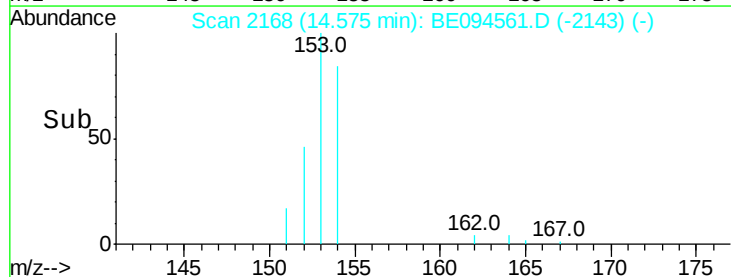
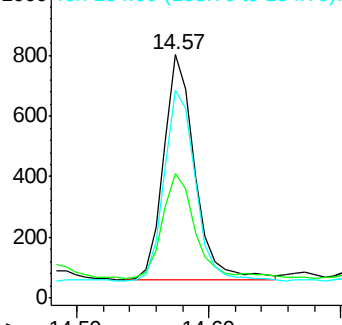
153 100

152 51.4 36.0 54.0

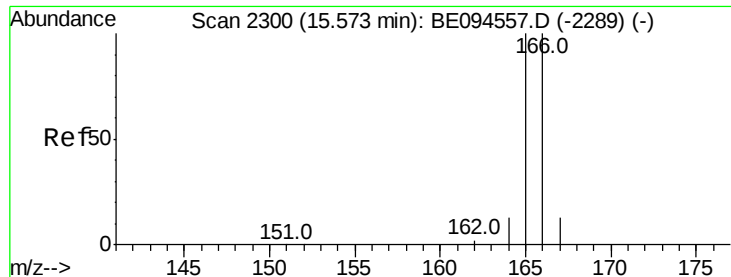
154 85.3 72.0 108.0



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: 0.106 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Instrument :

BNA_E

ClientSampleId :

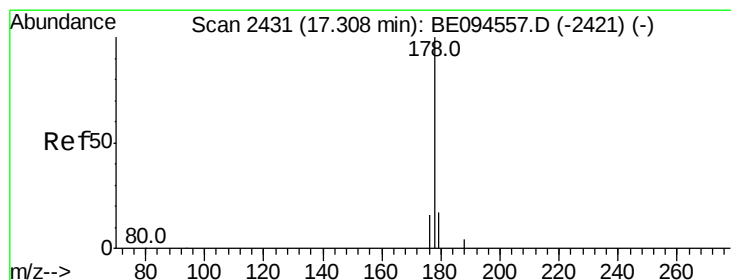
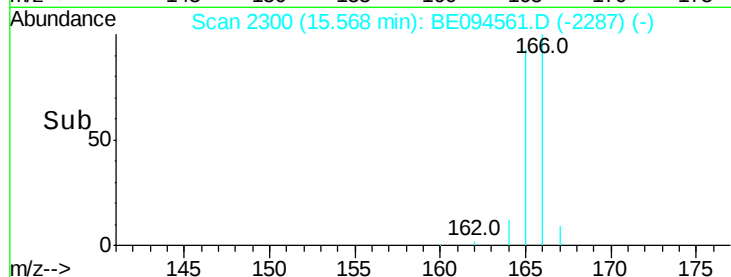
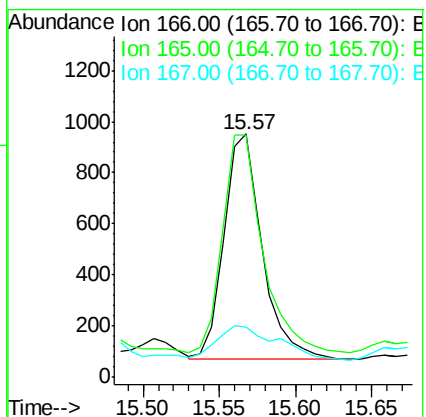
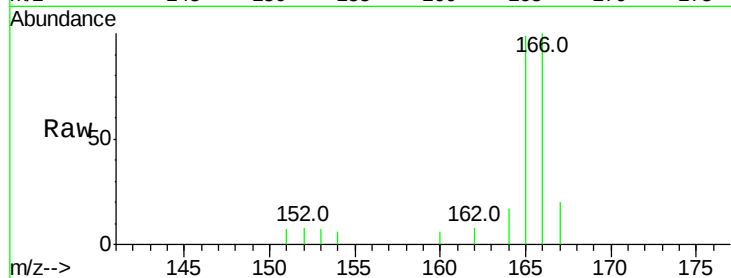
Tot Ion:166 Resp: 1513

Ion Ratio Lower Upper

166 100

165 99.4 73.4 110.2

167 20.4 14.6 22.0



#12

Phenanthrene

Concen: 0.529 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

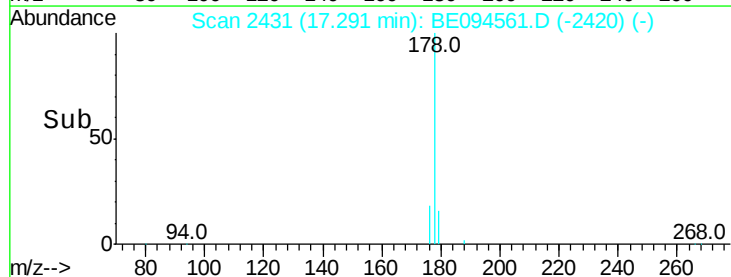
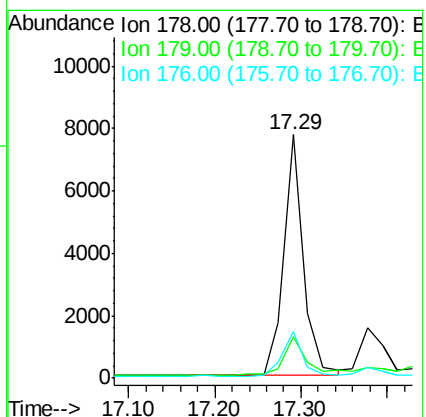
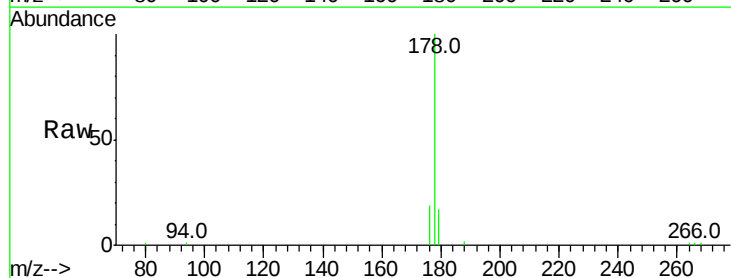
Tgt Ion:178 Resp: 12348

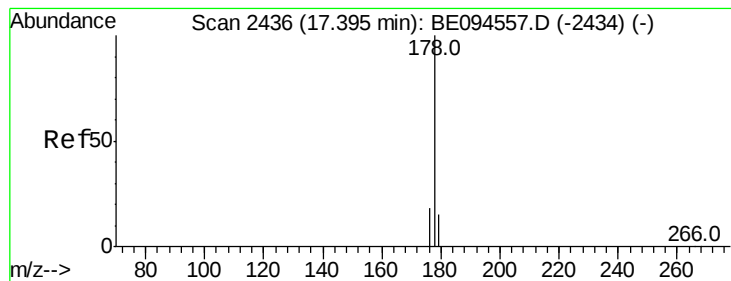
Ion Ratio Lower Upper

178 100

179 16.8 18.4 27.6#

176 18.9 13.6 20.4





#13

Anthracene

Concen: 0.131 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Instrument :

BNA_E

ClientSampleId :

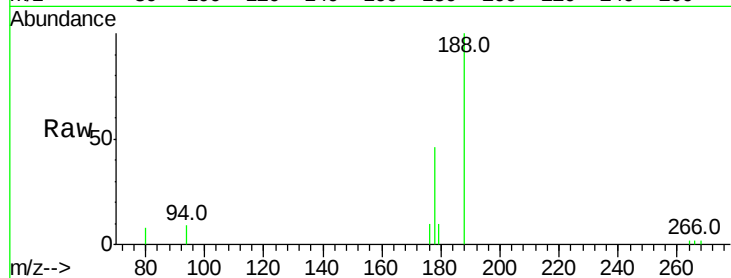
Tot Ion:178 Resp: 3006

Ion Ratio Lower Upper

178 100

179 21.3 18.1 27.1

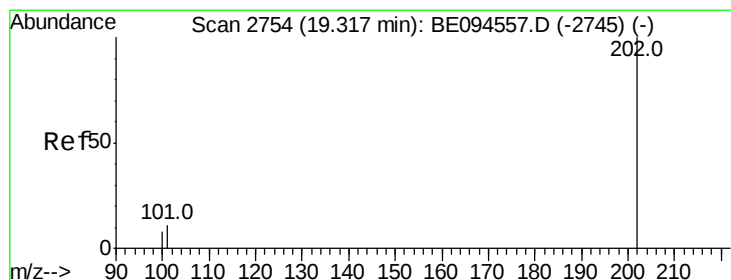
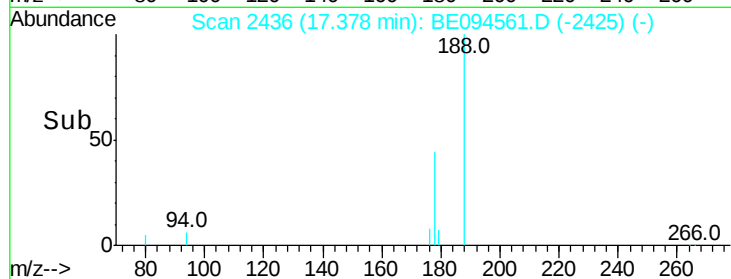
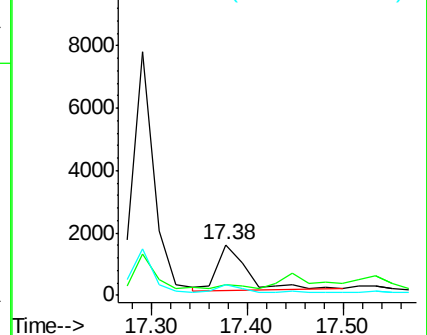
176 22.2 14.7 22.1#



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: 0.728 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

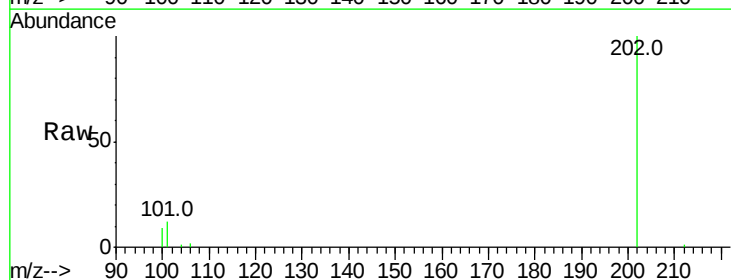
Tgt Ion:202 Resp: 19641

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.3

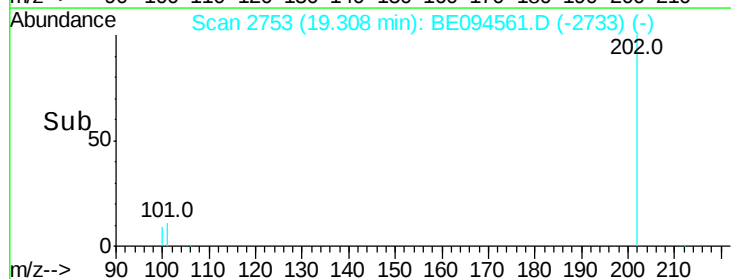
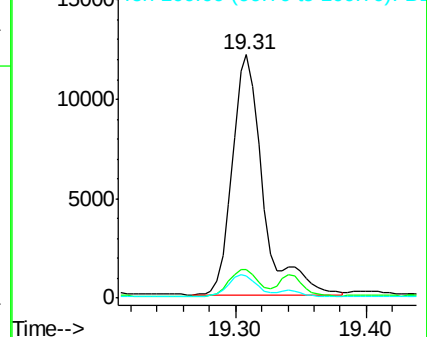
100 9.2 0.0 39.5

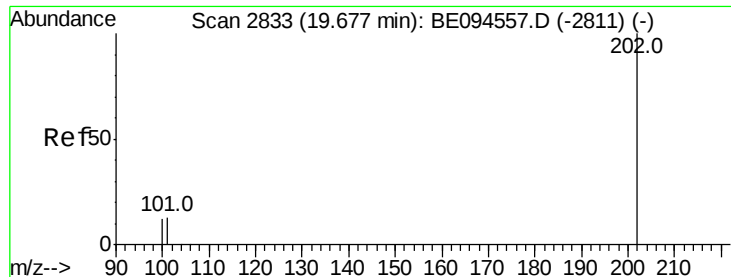


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.630 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Instrument :

BNA_E

ClientSampleId :

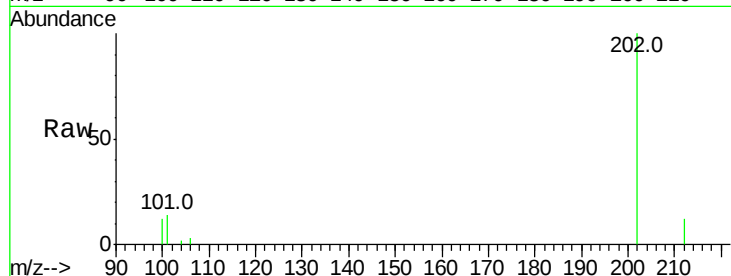
Tot Ion:202 Resp: 17130

Ion Ratio Lower Upper

202 100

101 14.1 18.2 27.4#

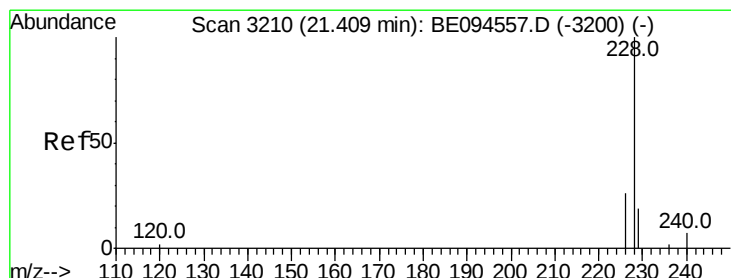
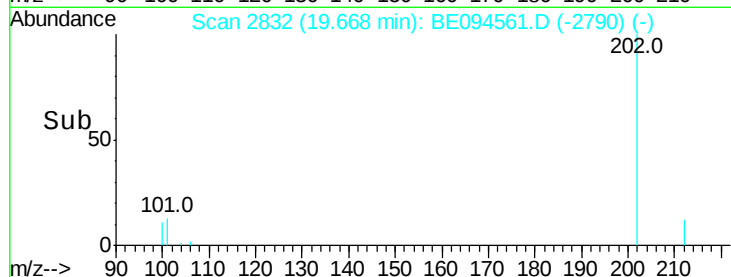
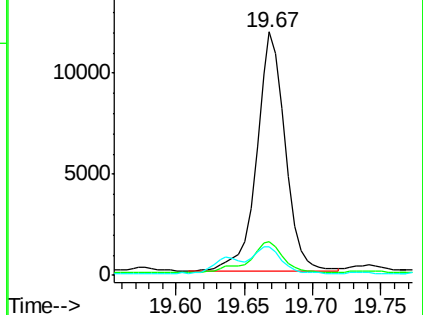
100 12.0 15.6 23.4#



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: 0.445 ng/ul

RT: 21.40 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

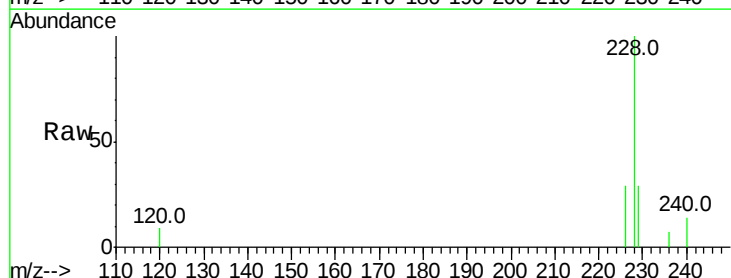
Tgt Ion:228 Resp: 11202

Ion Ratio Lower Upper

228 100

229 28.8 22.8 34.2

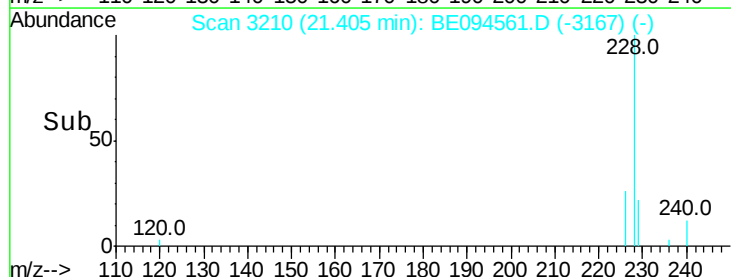
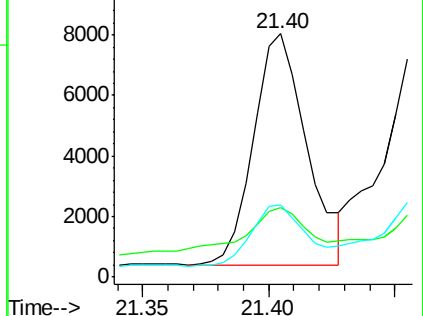
226 29.4 17.0 25.6#

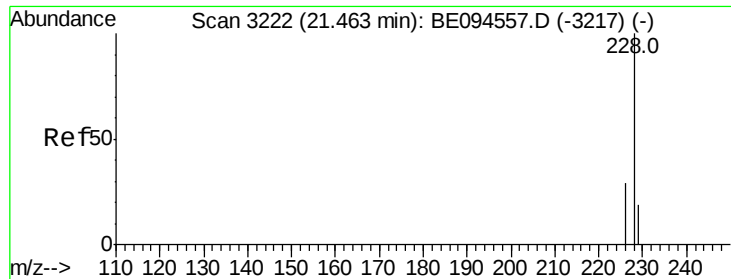


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.504 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Instrument :

BNA_E

ClientSampleId :

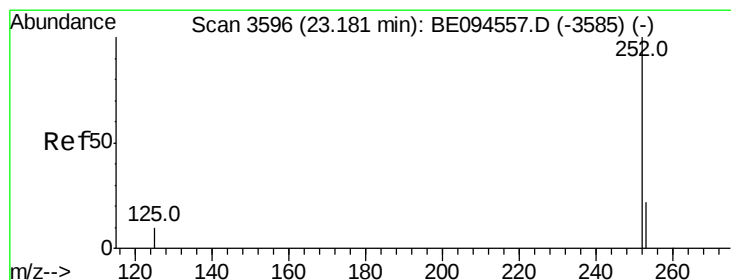
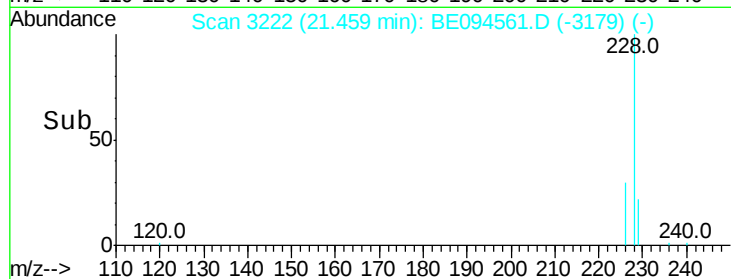
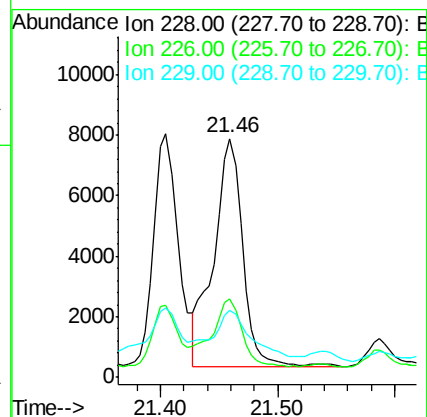
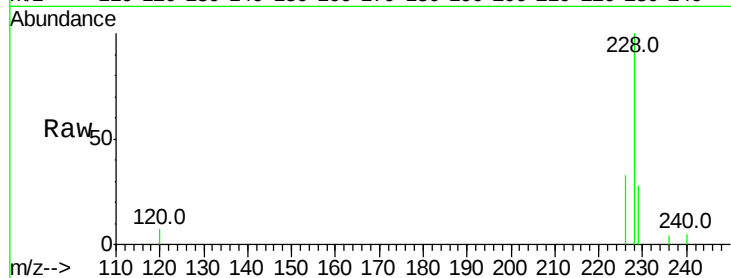
Tot Ion:228 Resp: 13111

Ion Ratio Lower Upper

228 100

226 32.6 23.4 35.0

229 28.1 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 0.903 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.00 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

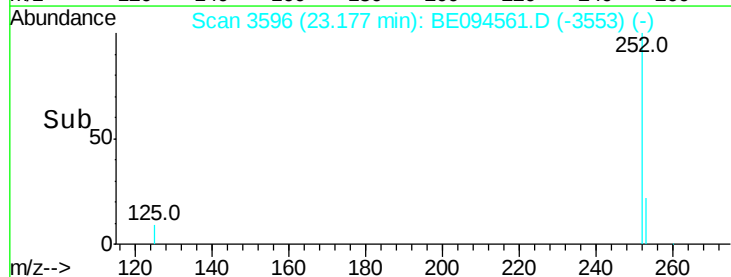
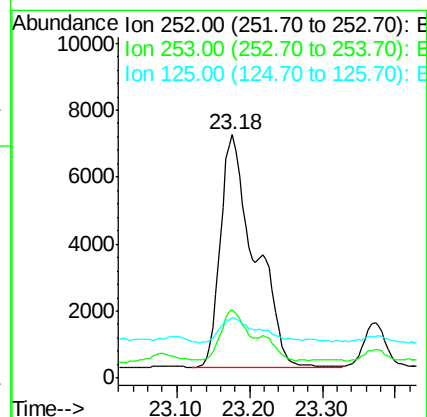
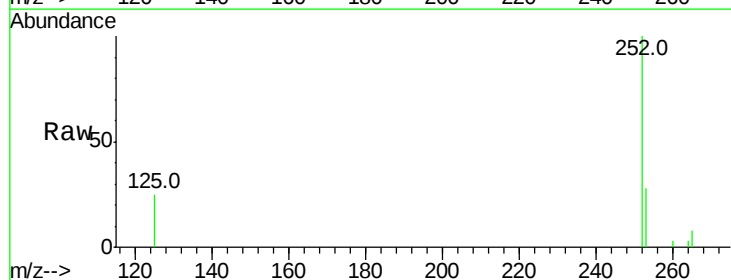
Tgt Ion:252 Resp: 22793

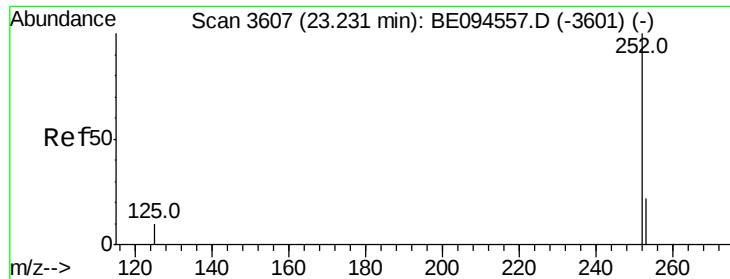
Ion Ratio Lower Upper

252 100

253 27.9 0.0 64.2

125 25.1 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 0.842 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.05 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Instrument :

BNA_E

ClientSampleId :

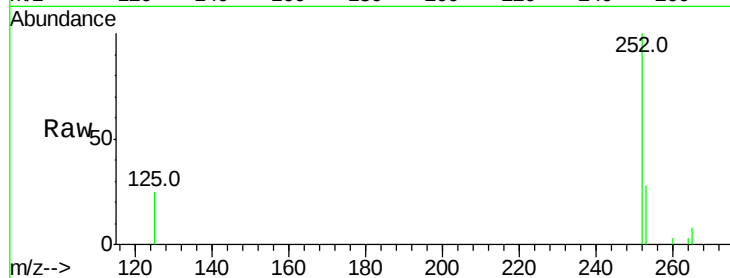
Tot Ion:252 Resp: 22793

Ion Ratio Lower Upper

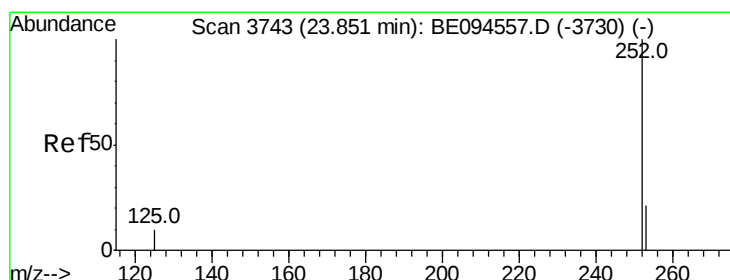
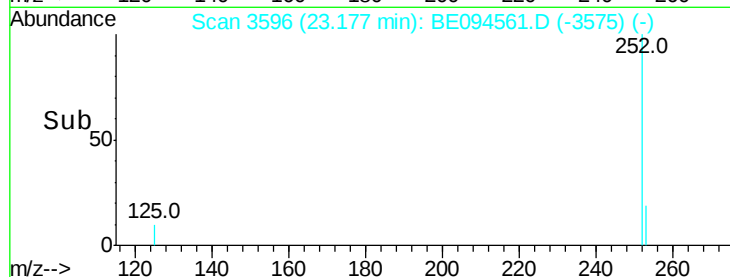
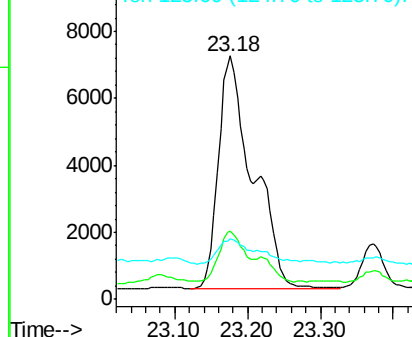
252 100

253 27.9 24.5 36.7

125 25.1 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: 0.484 ng/ul

RT: 23.84 min Scan# 3741

Delta R.T. -0.01 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

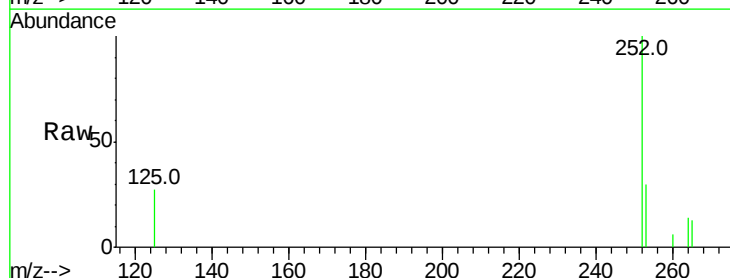
Tgt Ion:252 Resp: 12213

Ion Ratio Lower Upper

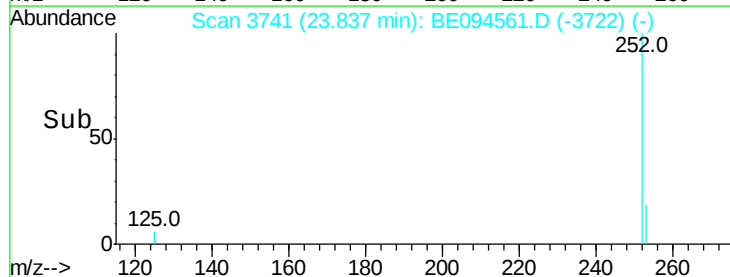
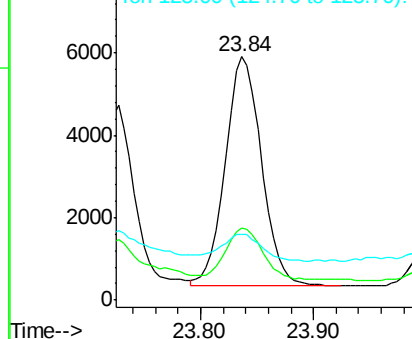
252 100

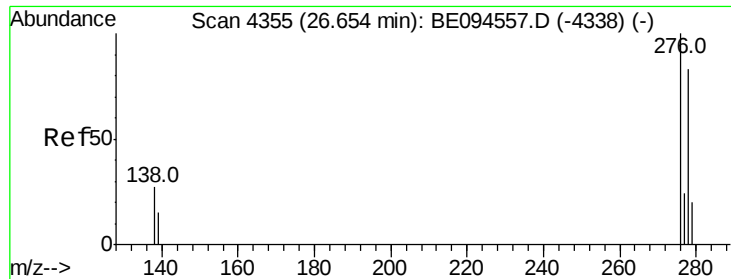
253 29.5 28.5 42.7

125 27.2 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



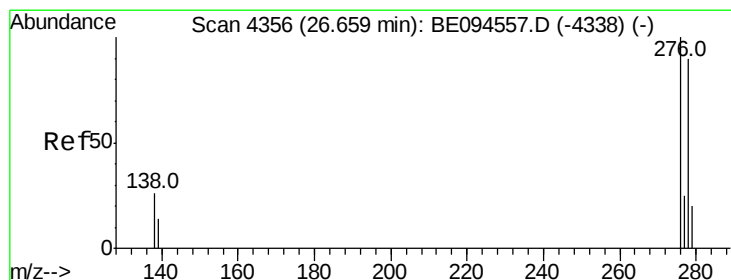
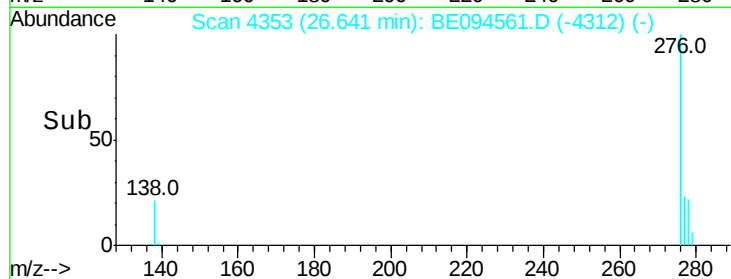
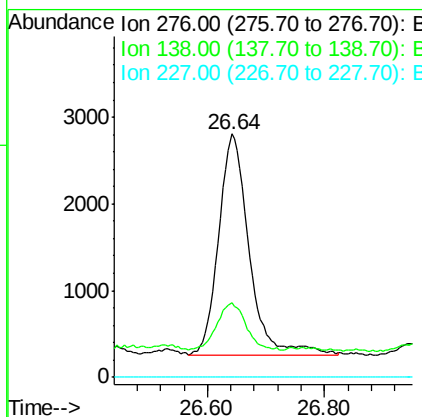
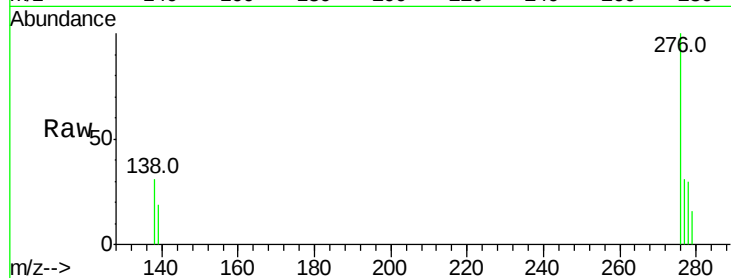


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.350 ng/ul
RT: 26.64 min Scan# 4353
Delta R.T. -0.01 min
Lab File: BE094561.D
Acq: 26 Oct 2017 14:14

Instrument :
BNA_E
ClientSampleId :

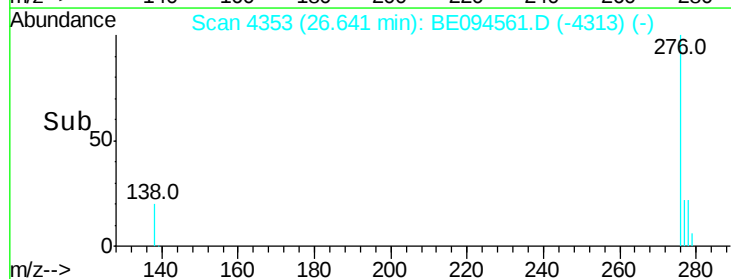
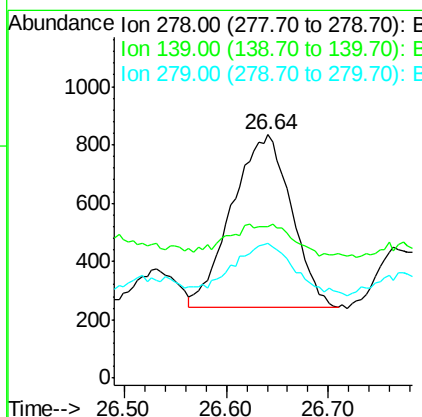
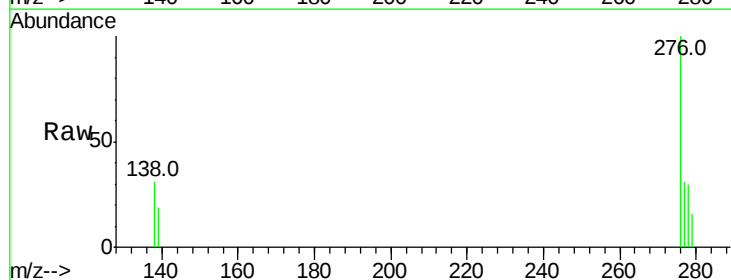
Tot Ion:276 Resp: 9131
Ion Ratio Lower Upper
276 100
138 20.7 28.0 42.0#
227 0.0 8.0 12.0#

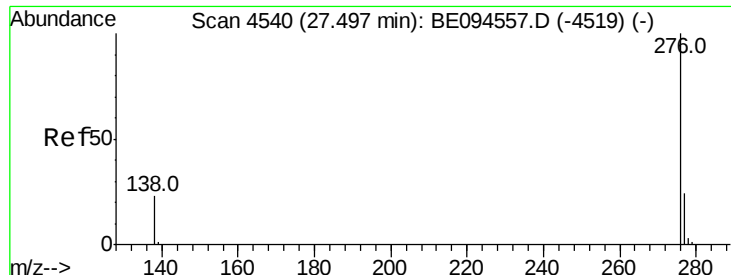


#25

Dibenzo(a,h)anthracene
Concen: 0.109 ng/ul
RT: 26.64 min Scan# 4353
Delta R.T. -0.02 min
Lab File: BE094561.D
Acq: 26 Oct 2017 14:14

Tgt Ion:278 Resp: 2396
Ion Ratio Lower Upper
278 100
139 62.3 17.4 26.0#
279 55.3 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.397 ng/ul

RT: 27.48 min Scan# 4538

Delta R.T. -0.01 min

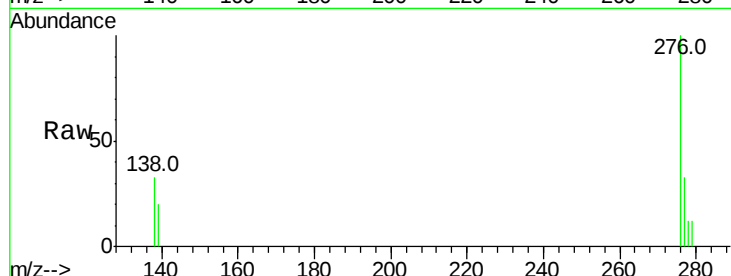
Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 8323

Ion Ratio Lower Upper

276 100

138 33.0 21.8 32.8#

277 33.2 20.5 30.7#

