

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
 Data File : BE094572.D
 Acq On : 26 Oct 2017 21:05
 Operator : SJ/JU
 Sample : I5876-14 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 27 07:42:37 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

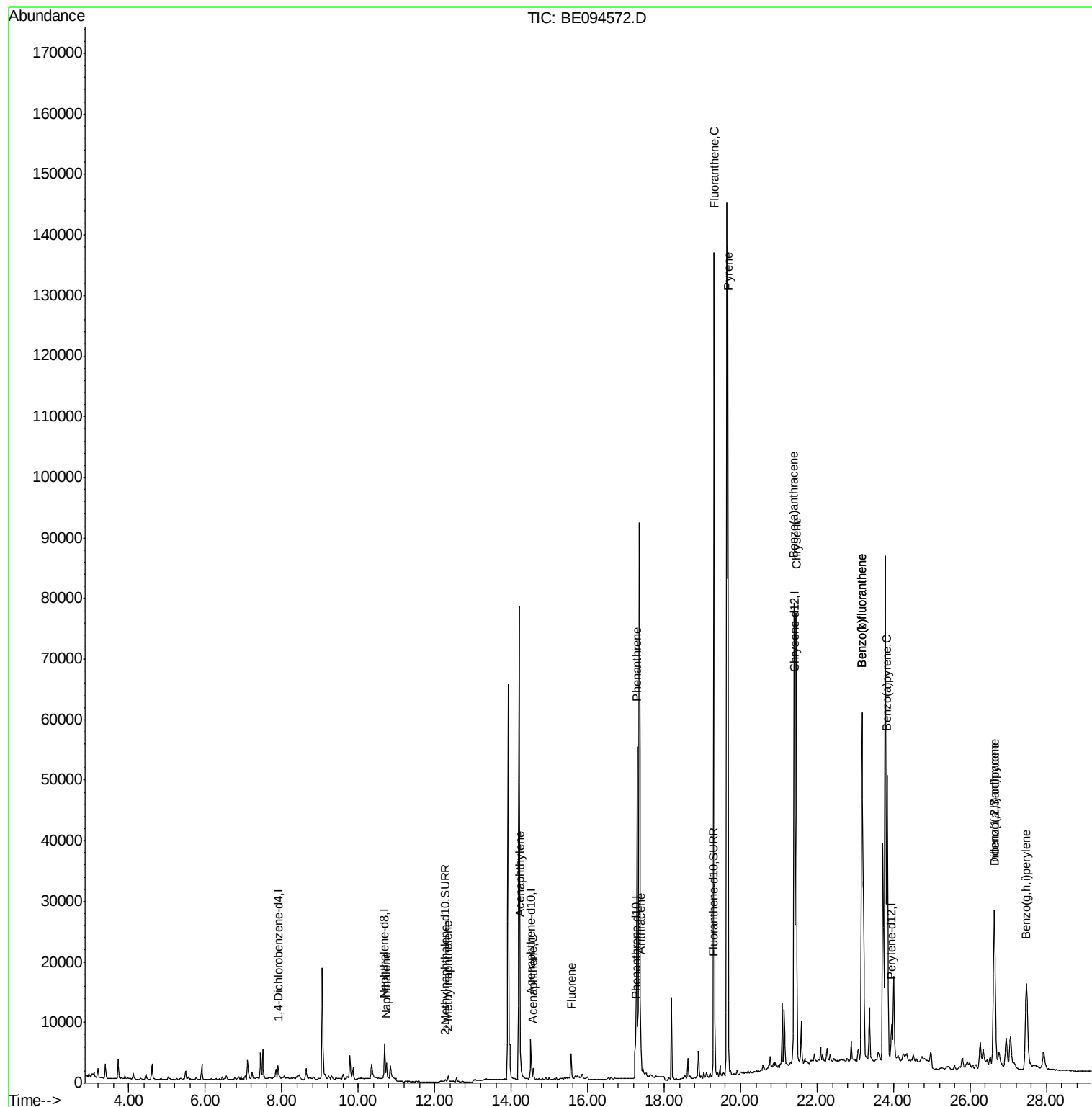
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1208	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	6916	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	3987	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8943	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	9222	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9554	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	702	0.06	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	1787	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	4245	0.251	ng/ul#	96
5) 2-Methylnaphthalene	12.35	142	1036	0.088	ng/ul	97
7) Acenaphthylene	14.23	152	3371	0.187	ng/ul	99
8) Acenaphthene	14.57	153	1188	0.092	ng/ul#	95
9) Fluorene	15.57	166	3005	0.206	ng/ul	95
12) Phenanthrene	17.29	178	62559	2.648	ng/ul#	91
13) Anthracene	17.38	178	11997	0.515	ng/ul#	91
15) Fluoranthene	19.31	202	155852	5.707	ng/ul	83
17) Pyrene	19.67	202	149605	5.248	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	71029	2.694	ng/ul#	86
19) Chrysene	21.46	228	82425	3.025	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	143829	5.352	ng/ul	86
22) Benzo(k)fluoranthene	23.17	252	143829	4.994	ng/ul#	88
23) Benzo(a)pyrene	23.83	252	74945	2.790	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.64	276	52475	1.888	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	12597	0.538	ng/ul#	93
26) Benzo(a,h,i)perylene	27.47	276	42556	1.907	ng/ul	97

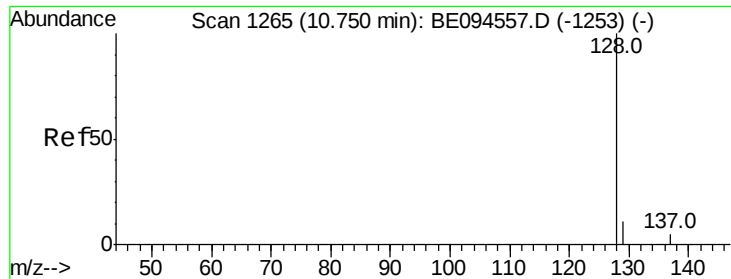
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094572.D
Acq On : 26 Oct 2017 21:05
Operator : SJ/JU
Sample : I5876-14 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 27 07:42:37 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: 0.251 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

Instrument :

BNA_E

ClientSampleId :

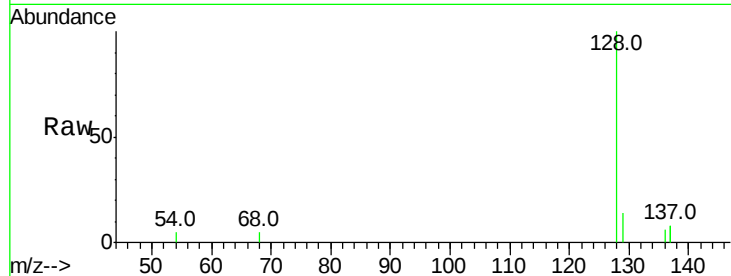
Tot Ion:128 Resp: 4245

Ion Ratio Lower Upper

128 100

129 14.3 11.3 16.9

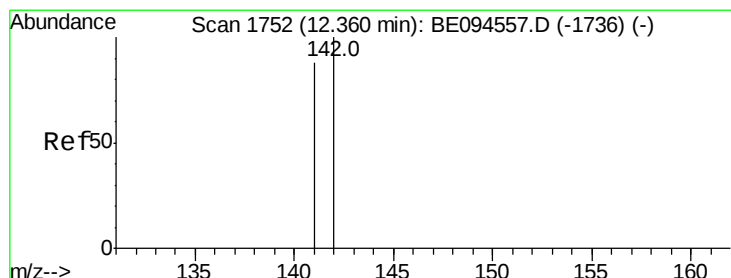
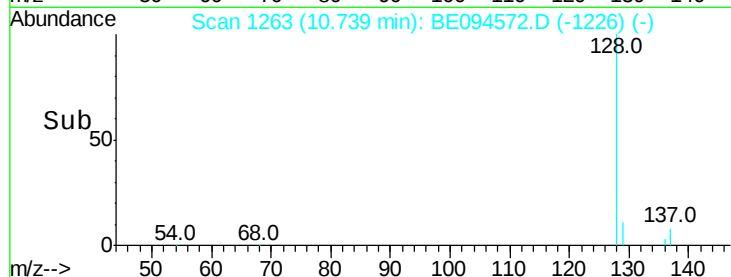
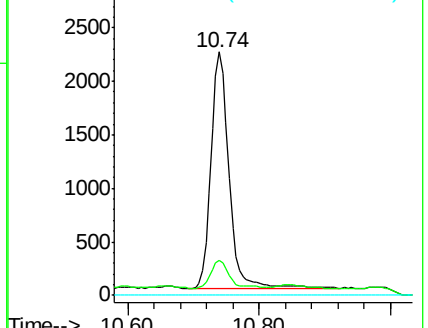
127 0.0 4.0 6.0#



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: 0.088 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BE094572.D

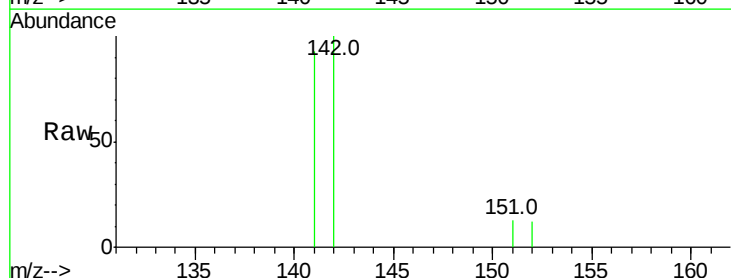
Acq: 26 Oct 2017 21:05

Tgt Ion:142 Resp: 1036

Ion Ratio Lower Upper

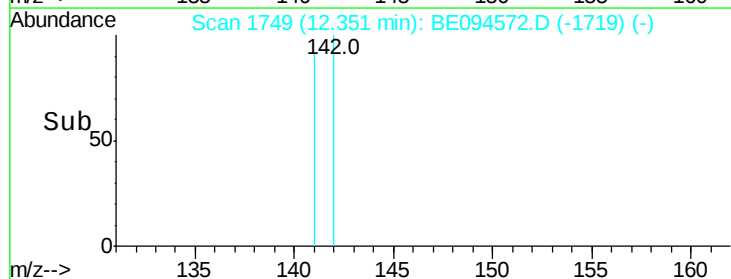
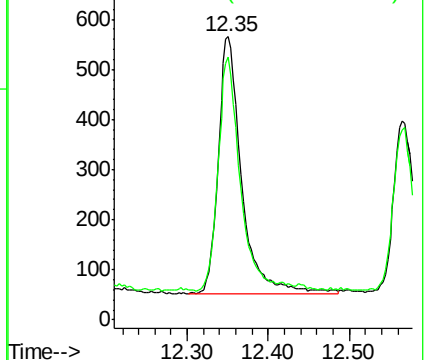
142 100

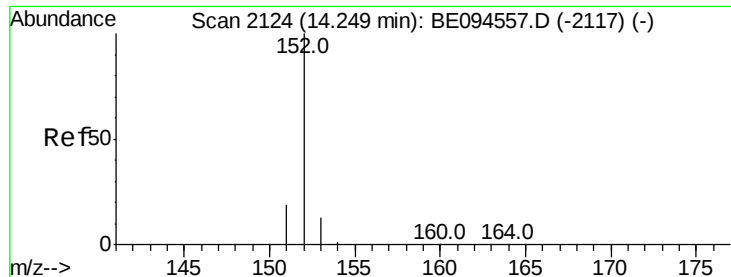
141 87.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.187 ng/ul

RT: 14.23 min Scan# 2122

Delta R.T. -0.02 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

Instrument :

BNA_E

ClientSampleId :

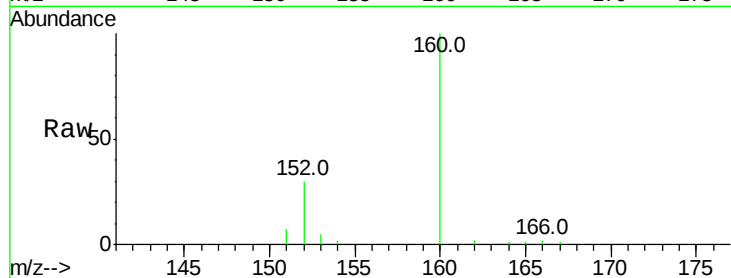
Tot Ion:152 Resp: 3371

Ion Ratio Lower Upper

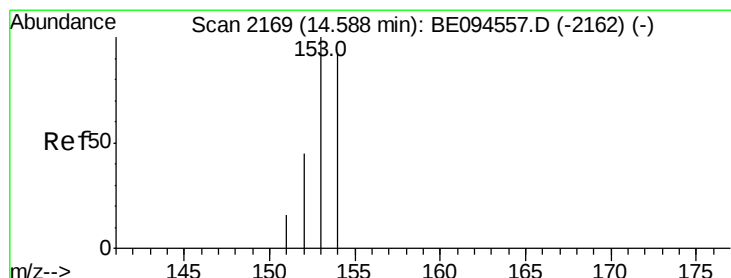
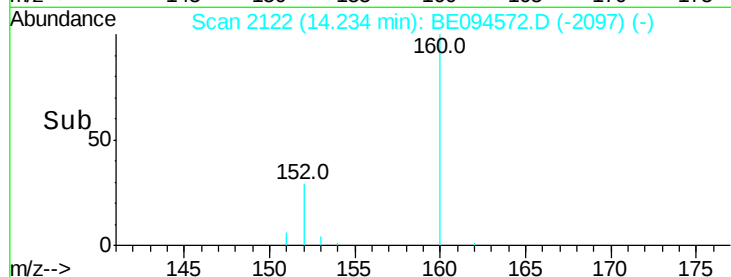
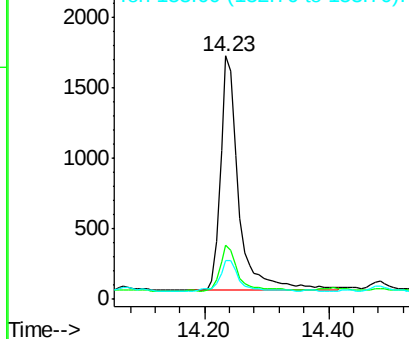
152 100

151 22.5 17.1 25.7

153 16.0 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: 0.092 ng/ul

RT: 14.57 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

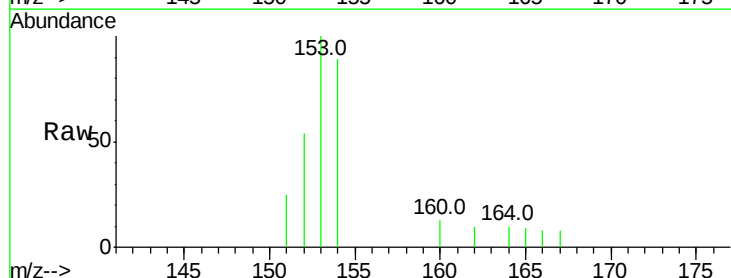
Tgt Ion:153 Resp: 1188

Ion Ratio Lower Upper

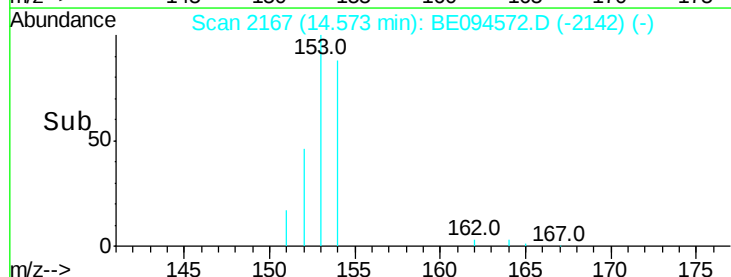
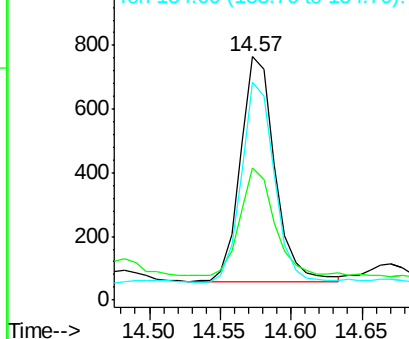
153 100

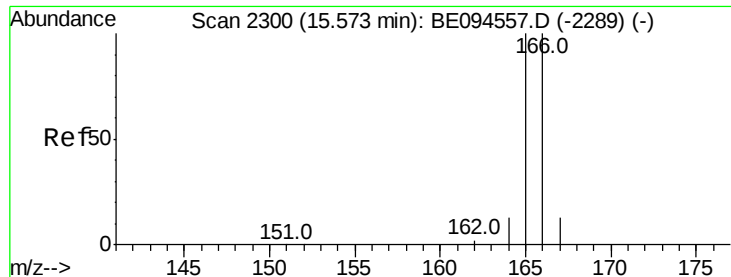
152 54.4 36.0 54.0#

154 89.3 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





#9

Fluorene

Concen: 0.206 ng/ul

RT: 15.57 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

Instrument :

BNA_E

ClientSampleId :

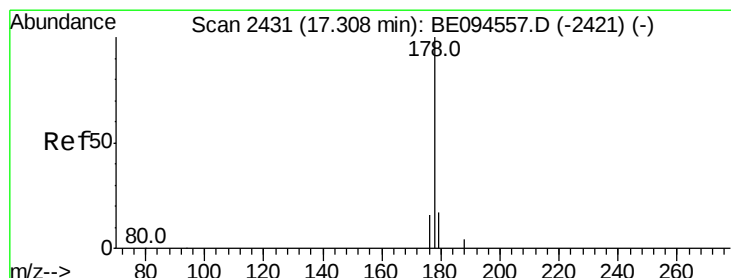
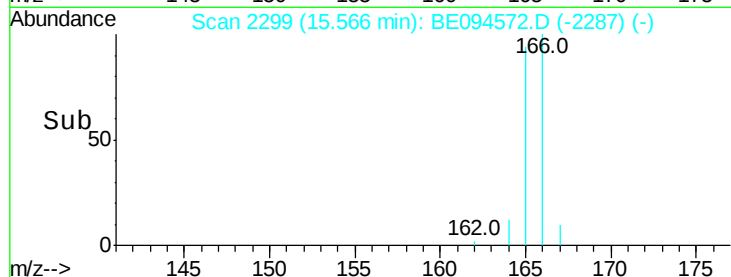
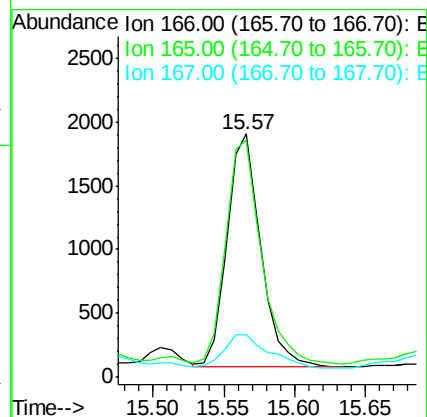
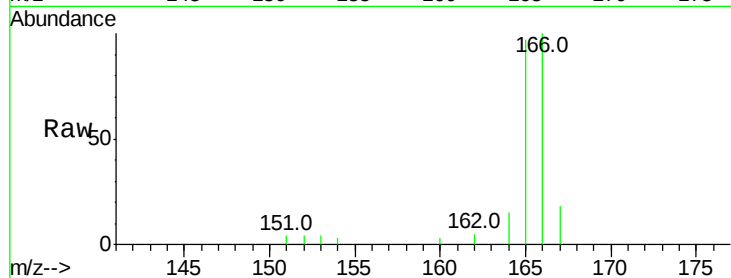
Tot Ion:166 Resp: 3005

Ion Ratio Lower Upper

166 100

165 97.5 73.4 110.2

167 17.6 14.6 22.0



#12

Phenanthrene

Concen: 2.648 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

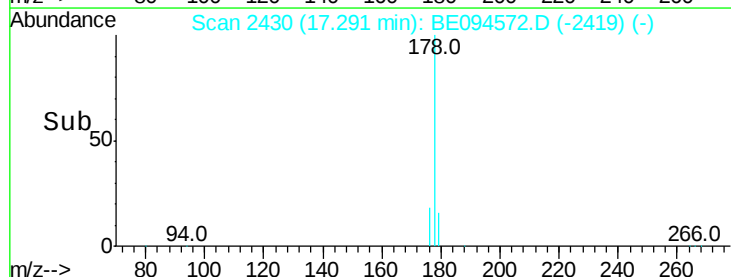
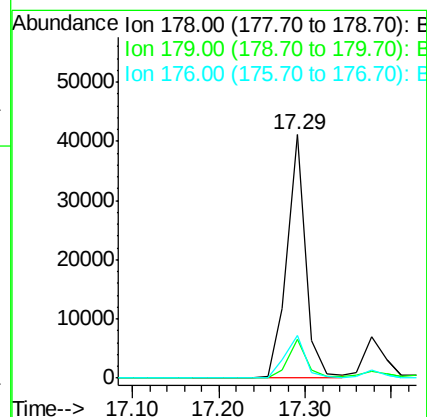
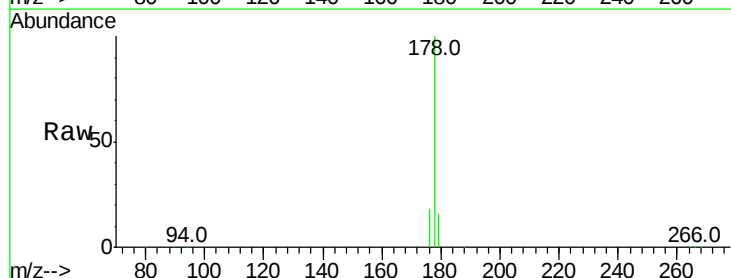
Tgt Ion:178 Resp: 62559

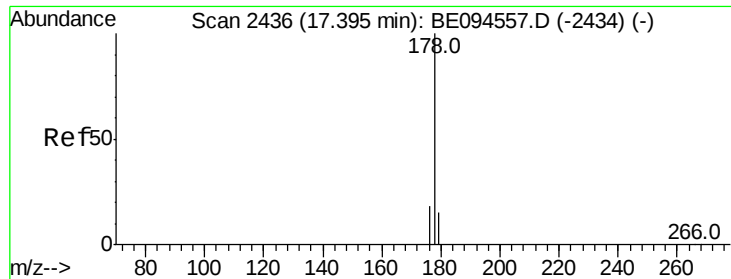
Ion Ratio Lower Upper

178 100

179 16.2 18.4 27.6#

176 17.7 13.6 20.4





#13

Anthracene

Concen: 0.515 ng/ul

RT: 17.38 min Scan# 2435

Delta R.T. -0.02 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

Instrument :

BNA_E

ClientSampleId :

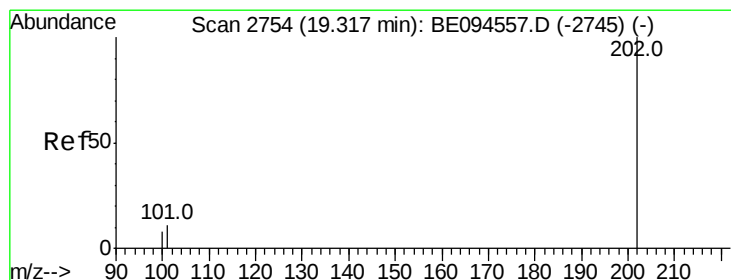
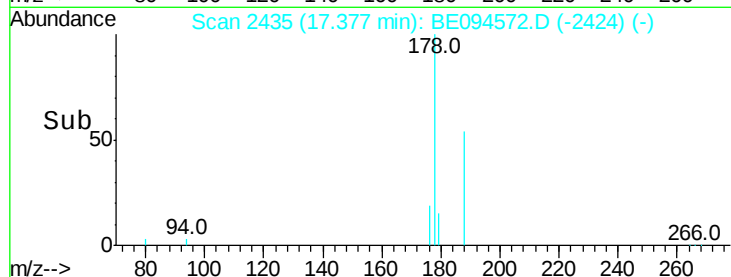
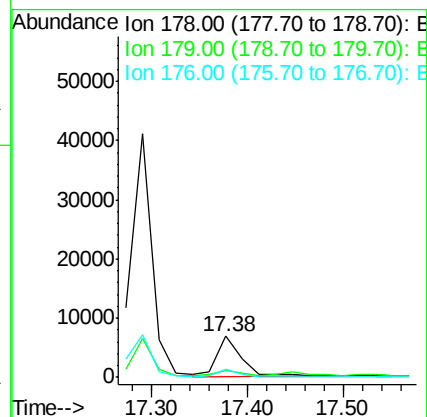
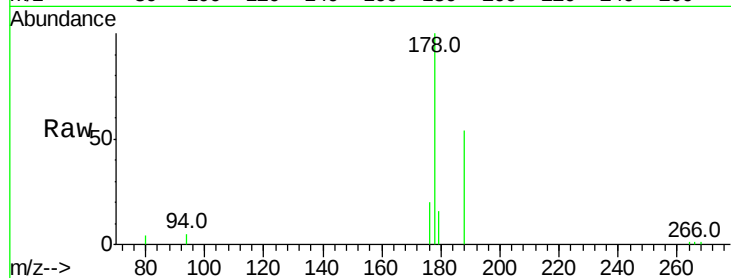
Tot Ion:178 Resp: 11997

Ion Ratio Lower Upper

178 100

179 16.1 18.1 27.1#

176 19.9 14.7 22.1



#15

Fluoranthene

Concen: 5.707 ng/ul

RT: 19.31 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

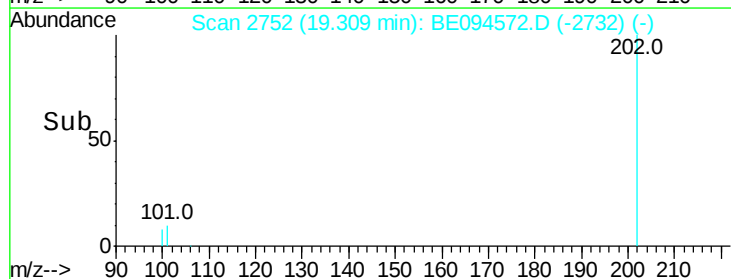
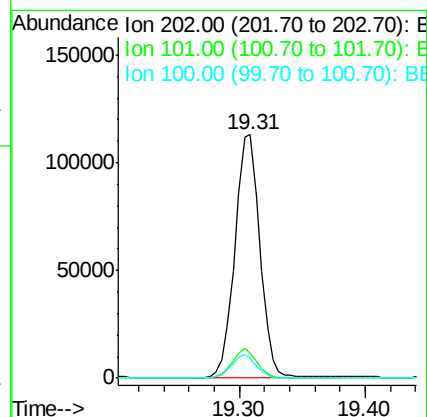
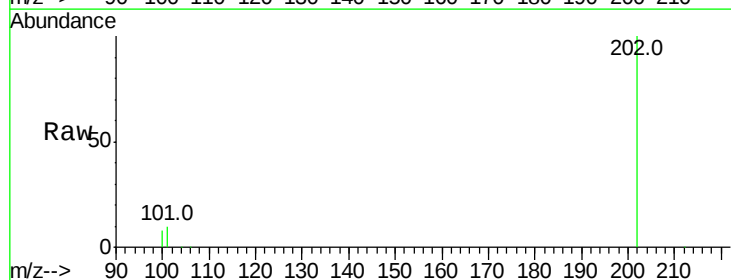
Tgt Ion:202 Resp: 155852

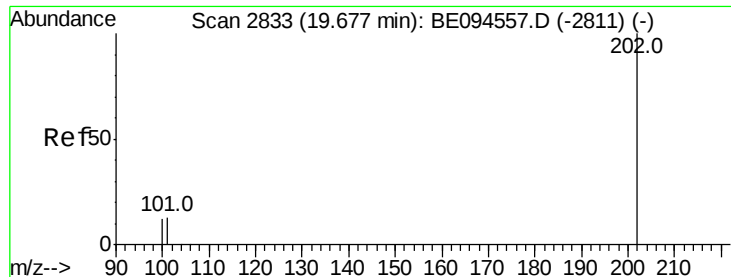
Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.3

100 7.8 0.0 39.5





#17

Pvrene

Concen: 5.248 ng/ul

RT: 19.67 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

Instrument :

BNA_E

ClientSampleId :

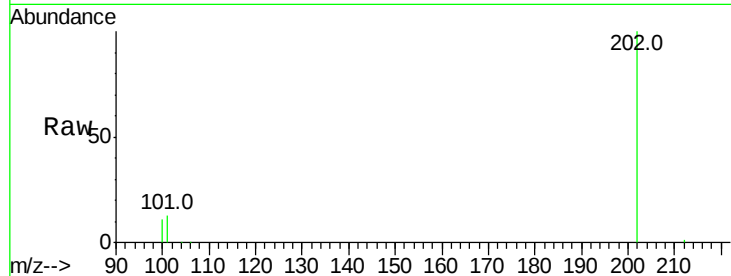
Tot Ion:202 Resp: 149605

Ion Ratio Lower Upper

202 100

101 12.5 18.2 27.4#

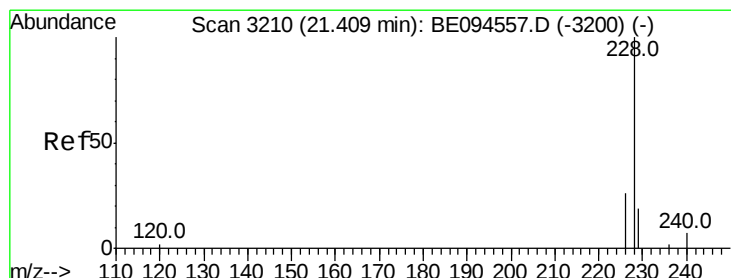
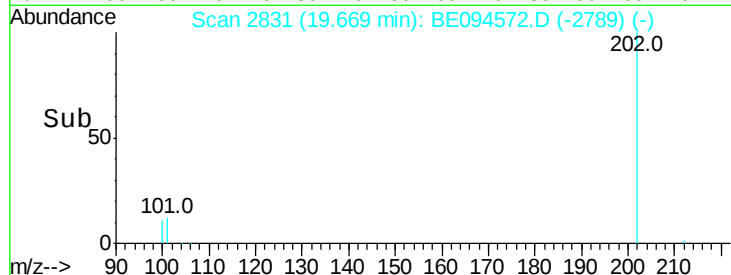
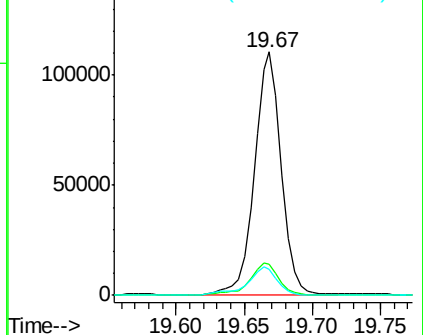
100 10.7 15.6 23.4#



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: 2.694 ng/ul

RT: 21.40 min Scan# 3208

Delta R.T. -0.01 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

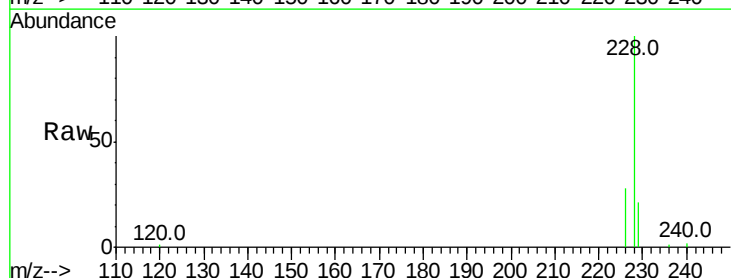
Tgt Ion:228 Resp: 71029

Ion Ratio Lower Upper

228 100

229 21.5 22.8 34.2#

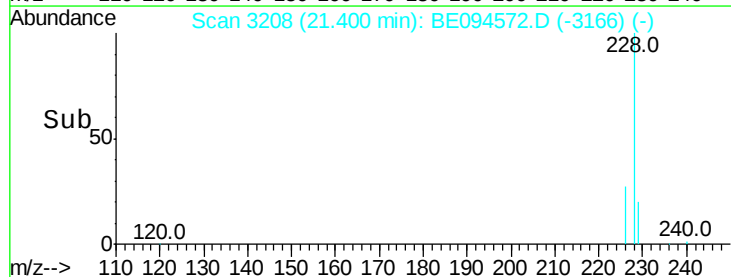
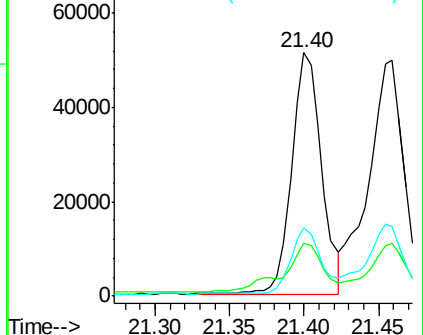
226 28.1 17.0 25.6#

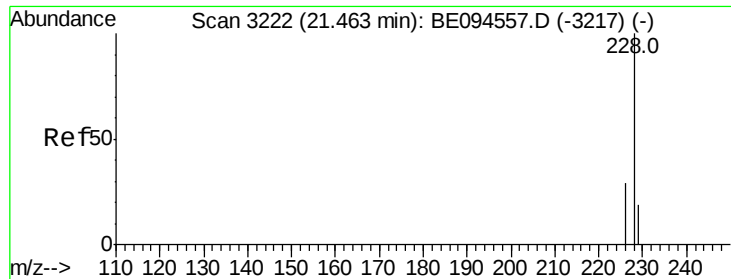


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 3.025 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

Instrument :

BNA_E

ClientSampleId :

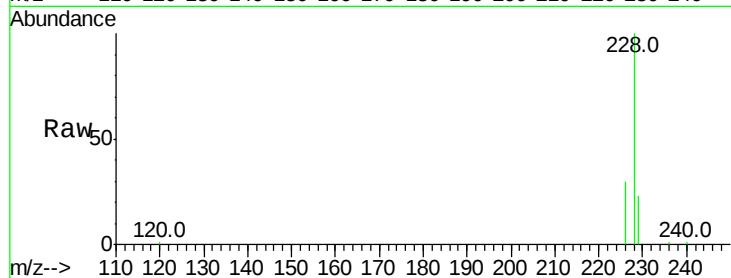
Tot Ion:228 Resp: 82425

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.0

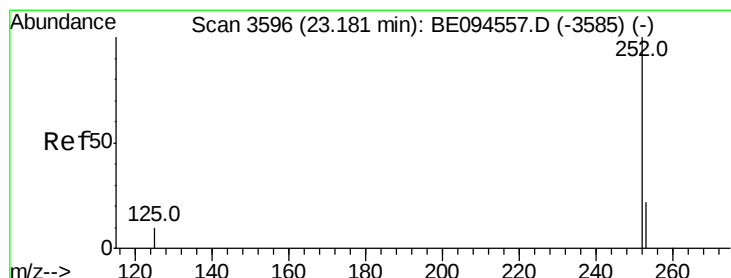
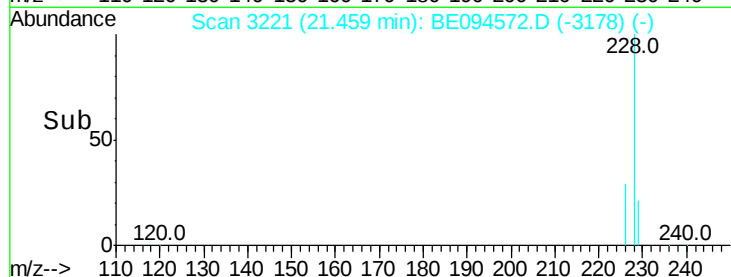
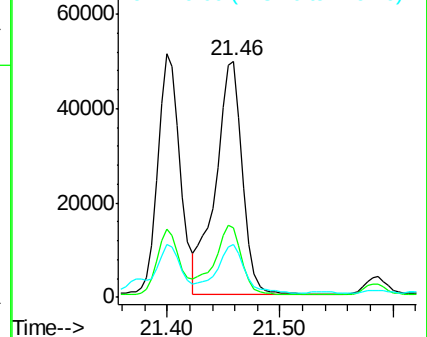
229 22.6 17.7 26.5



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: 5.352 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.01 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

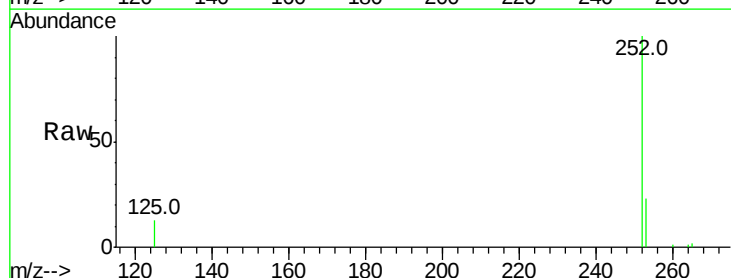
Tgt Ion:252 Resp: 143829

Ion Ratio Lower Upper

252 100

253 23.3 0.0 64.2

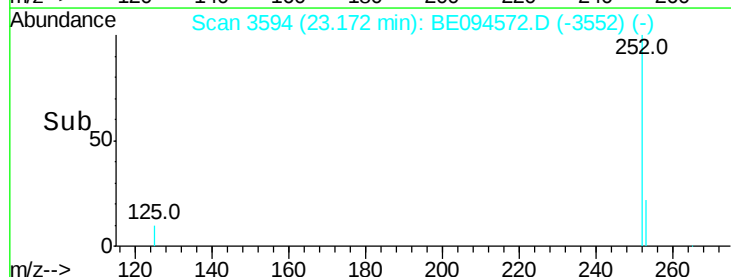
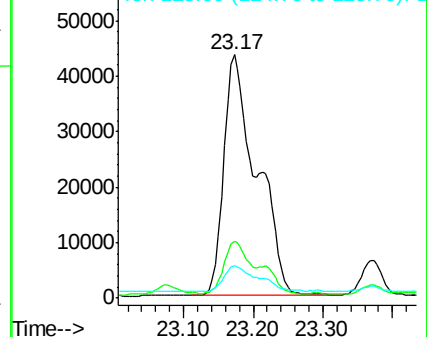
125 13.2 0.0 35.0

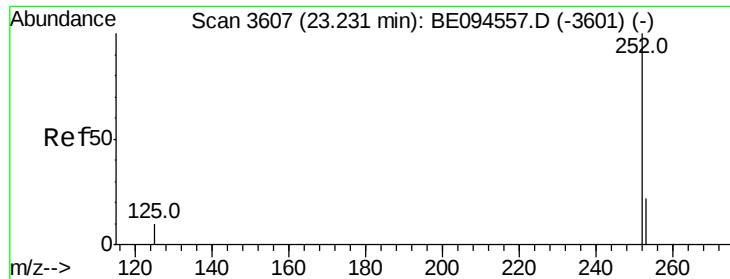


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 4.994 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.06 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

Instrument :

BNA_E

ClientSampleId :

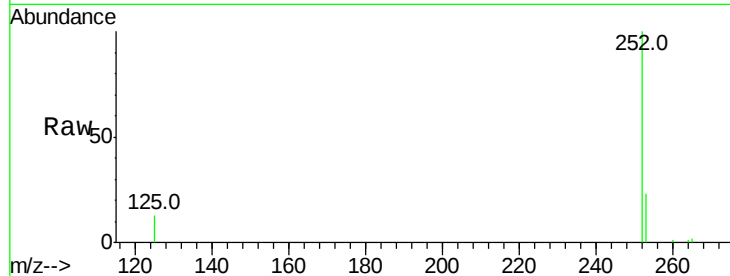
Tot Ion:252 Resp: 143829

Ion Ratio Lower Upper

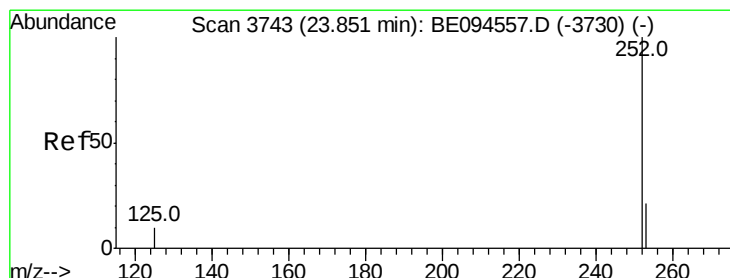
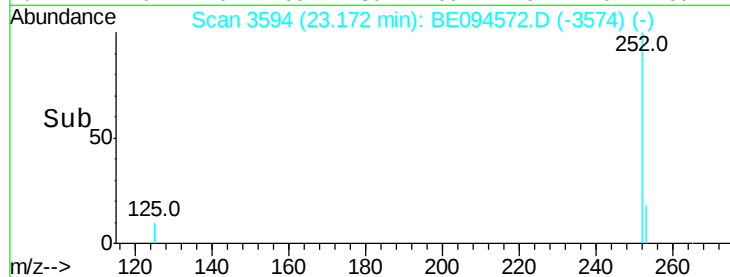
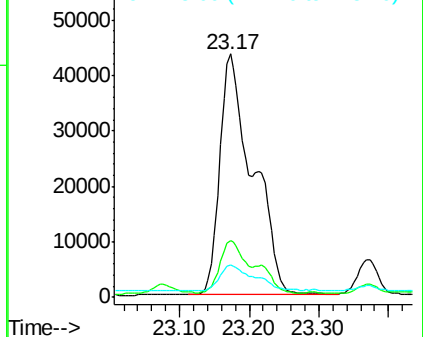
252 100

253 23.3 24.5 36.7#

125 13.2 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: 2.790 ng/ul

RT: 23.83 min Scan# 3739

Delta R.T. -0.02 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

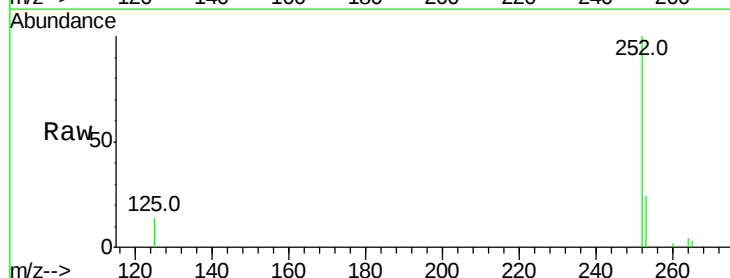
Tgt Ion:252 Resp: 74945

Ion Ratio Lower Upper

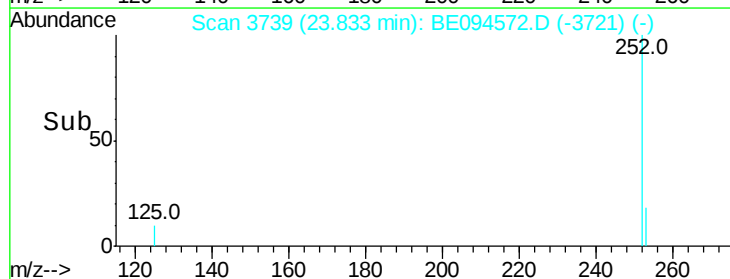
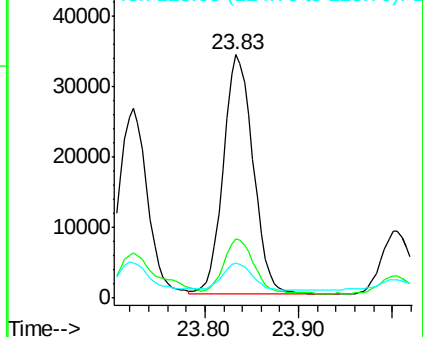
252 100

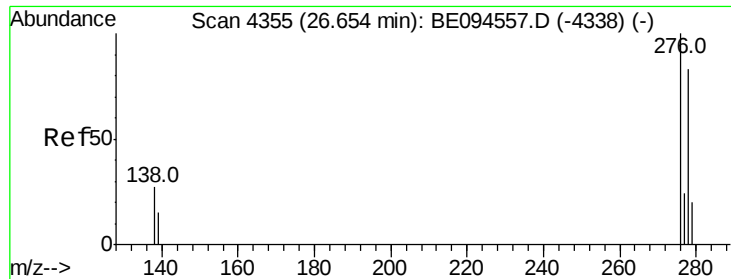
253 24.2 28.5 42.7#

125 14.5 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: 1.888 ng/ul

RT: 26.64 min Scan# 4351

Delta R.T. -0.02 min

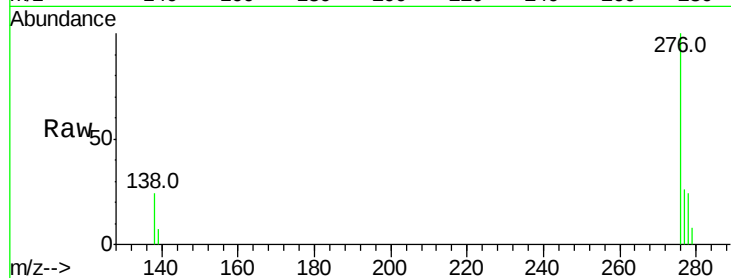
Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

Instrument :

BNA_E

ClientSampleId :



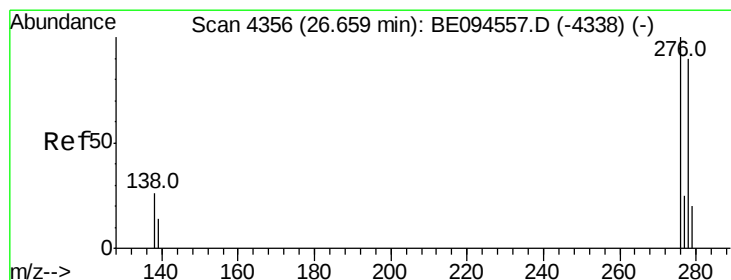
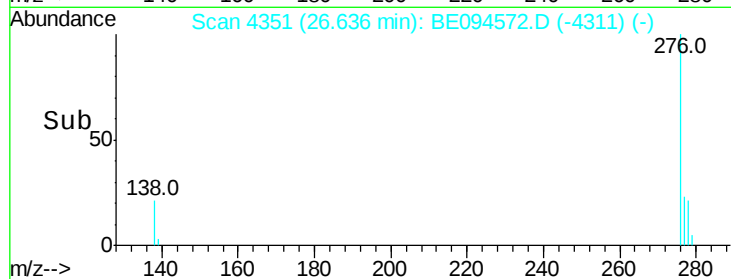
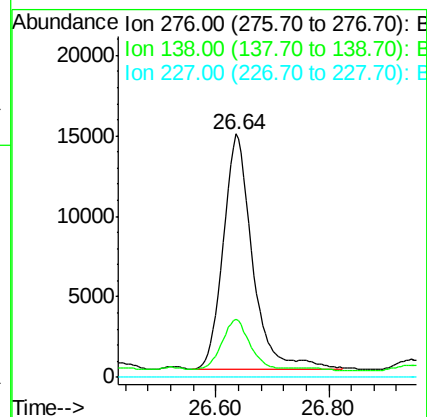
Tot Ion:276 Resp: 52475

Ion Ratio Lower Upper

276 100

138 20.6 28.0 42.0#

227 0.0 8.0 12.0#



#25

Dibenzo(a,h)anthracene

Concen: 0.538 ng/ul

RT: 26.64 min Scan# 4351

Delta R.T. -0.02 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

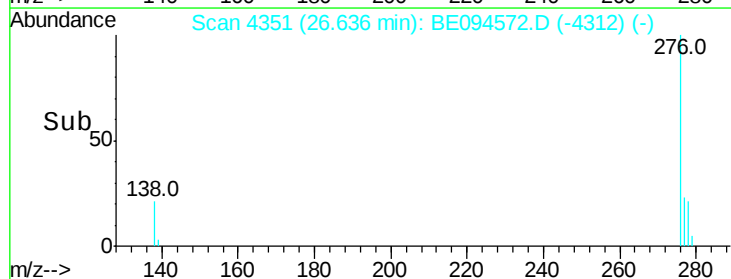
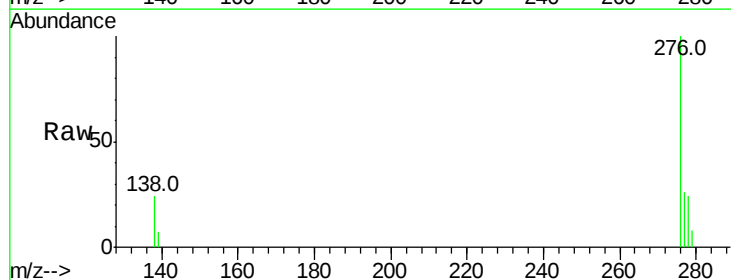
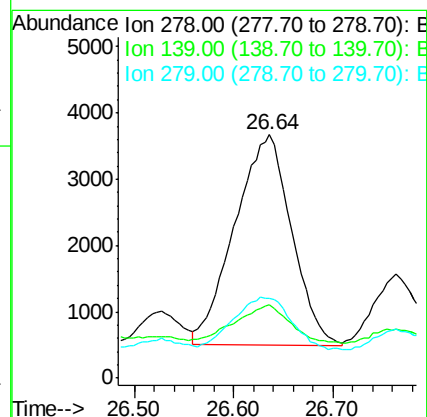
Tgt Ion:278 Resp: 12597

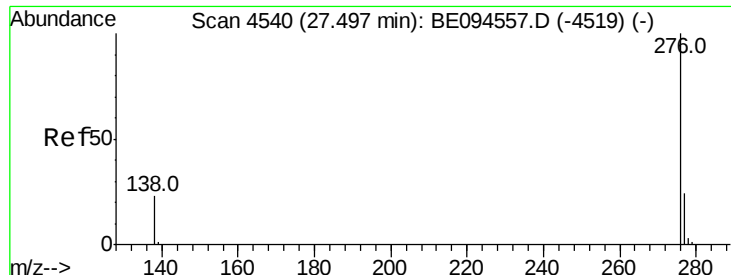
Ion Ratio Lower Upper

278 100

139 29.9 17.4 26.0#

279 32.9 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 1.907 ng/ul

RT: 27.47 min Scan# 4535

Delta R.T. -0.02 min

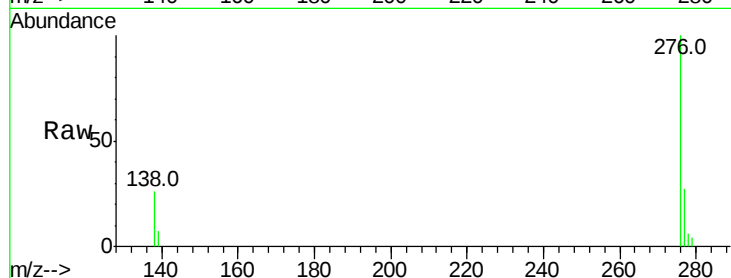
Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

Instrument :

BNA_E

ClientSampleId :



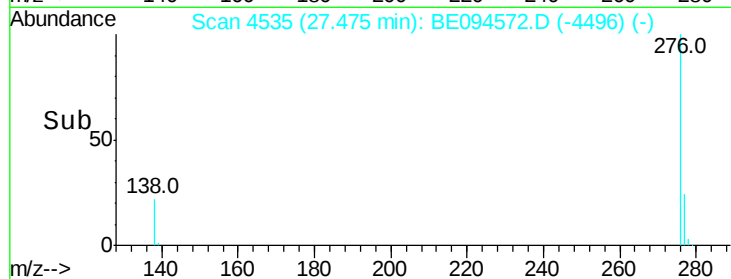
Tot Ion:276 Resp: 42556

Ion Ratio Lower Upper

276 100

138 25.6 21.8 32.8

277 26.8 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

