

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094351.D
 Acq On : 14 Oct 2017 8:14
 Operator : SJ/JU
 Sample : I5649-10DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 22:14:11 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 05:22:31 2017
 Response via : Initial Calibration

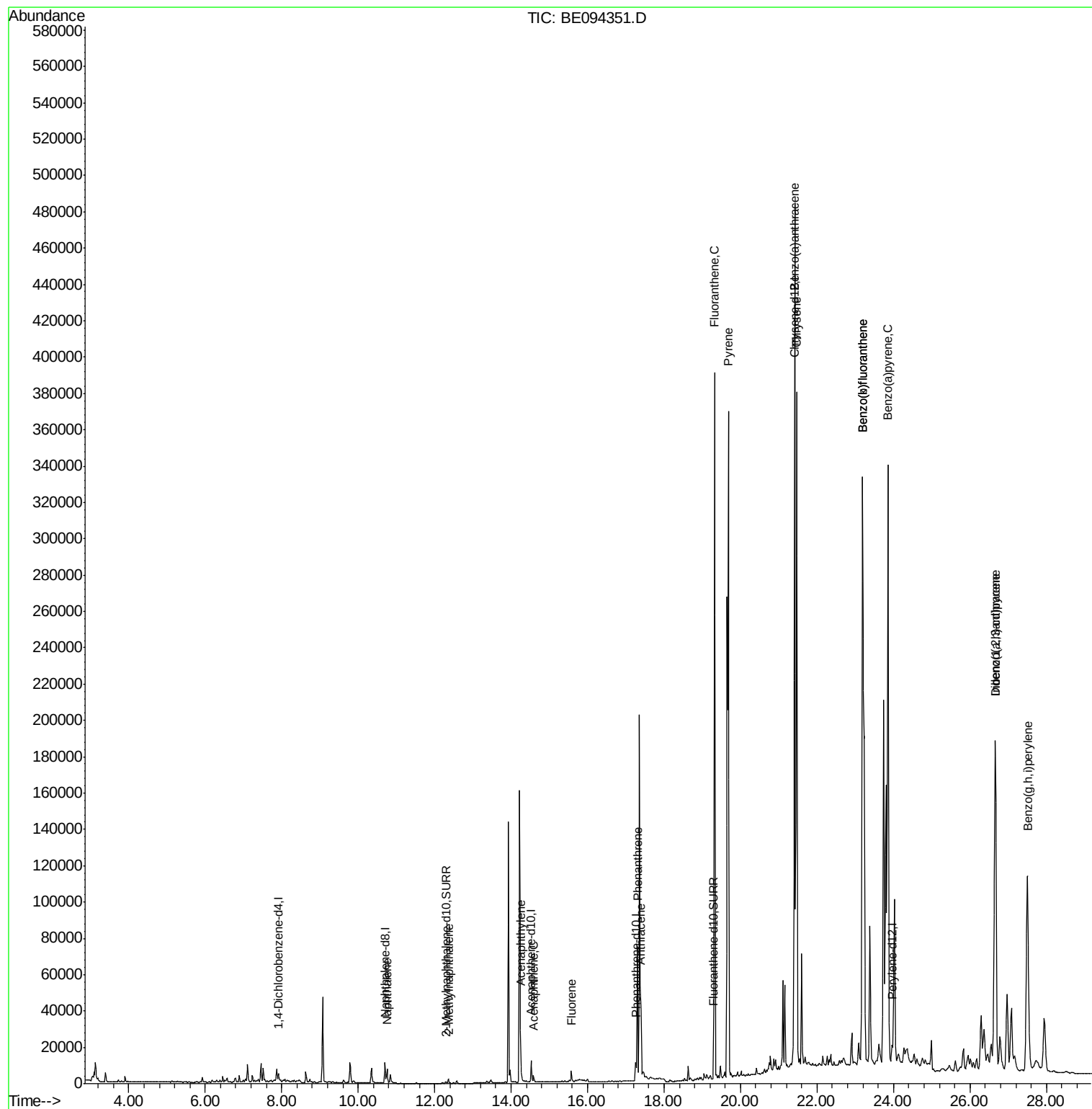
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2366	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12153	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	6697	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14422	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	13919	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	14624	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1349	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	3140	0.07	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	11946	0.401	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	2056	0.106	ng/ul	100
7) Acenaphthylene	14.25	152	14133	0.541	ng/ul	98
8) Acenaphthene	14.59	153	2224	0.103	ng/ul	94
9) Fluorene	15.57	166	4154	0.165	ng/ul	93
12) Phenanthrene	17.31	178	110167	2.923	ng/ul#	93
13) Anthracene	17.40	178	50782	1.385	ng/ul#	92
15) Fluoranthene	19.32	202	429727	8.678	ng/ul	84
17) Pyrene	19.68	202	407722	10.528	ng/ul#	80
18) Benzo(a)anthracene	21.42	228	456084	12.351	ng/ul#	87
19) Chrysene	21.47	228	379035	8.889	ng/ul	99
21) Benzo(b)fluoranthene	23.19	252	847237	21.327	ng/ul	86
22) Benzo(k)fluoranthene	23.19	252	847337	18.453	ng/ul#	88
23) Benzo(a)pyrene	23.86	252	498271	12.070	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.66	276	337976	8.003	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.66	278	88162	2.489	ng/ul	96
26) Benzo(a,h,i)perylene	27.50	276	277127	7.608	ng/ul	97

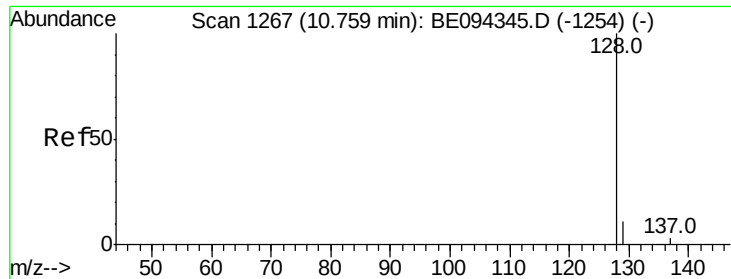
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 14 22:14:11 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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#3

Naphthalene

Concen: 0.401 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE094351.D

Acq: 14 Oct 2017 8:14

Instrument :

BNA_E

ClientSampleId :

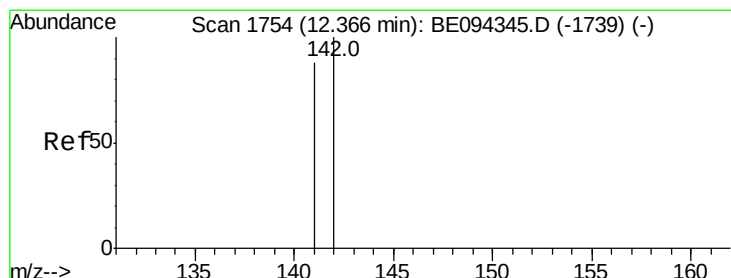
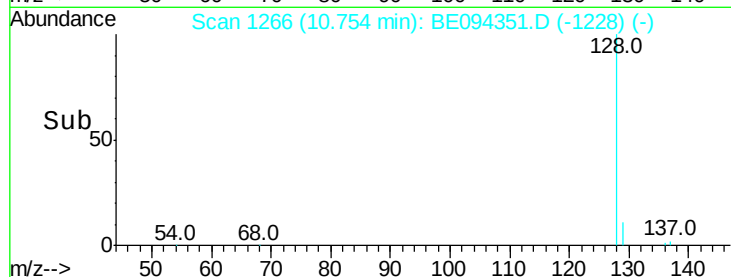
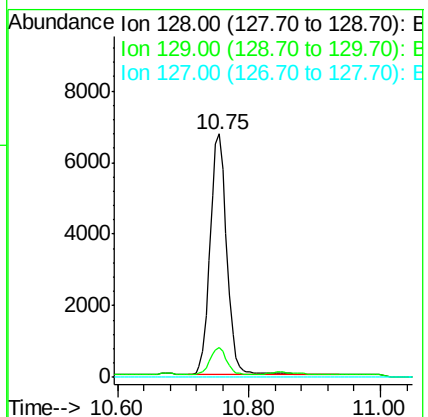
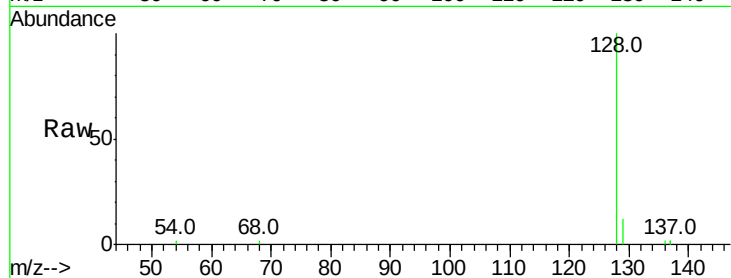
Tot Ion:128 Resp: 11946

Ion Ratio Lower Upper

128 100

129 12.4 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.106 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BE094351.D

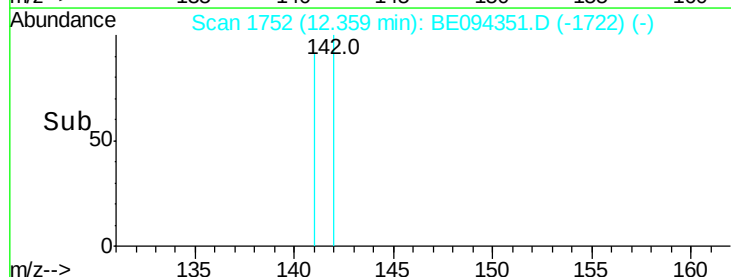
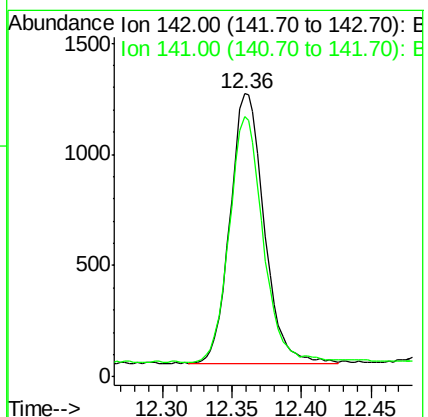
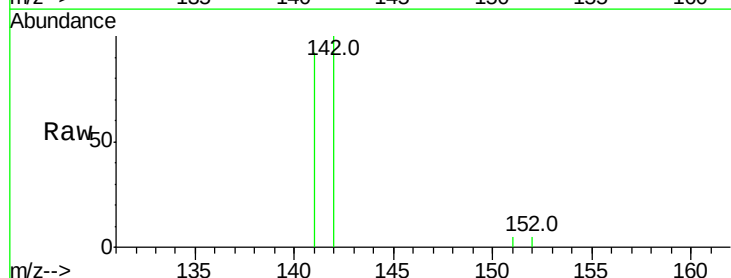
Acq: 14 Oct 2017 8:14

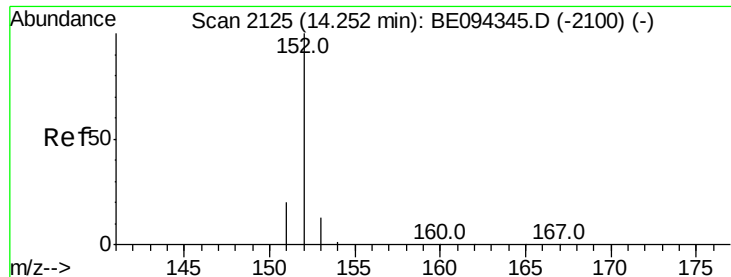
Tgt Ion:142 Resp: 2056

Ion Ratio Lower Upper

142 100

141 90.6 72.6 108.8





#7

Acenaphthylene

Concen: 0.541 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE094351.D

Acq: 14 Oct 2017 8:14

Instrument :

BNA_E

ClientSampleId :

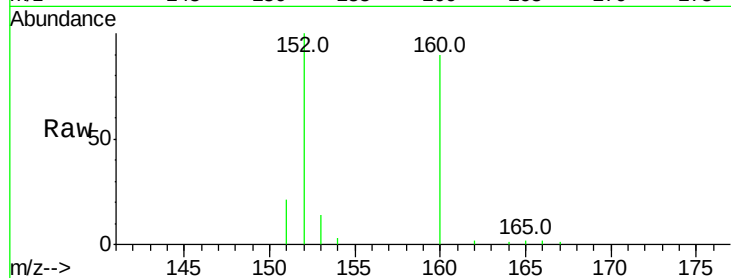
Tot Ion:152 Resp: 14133

Ion Ratio Lower Upper

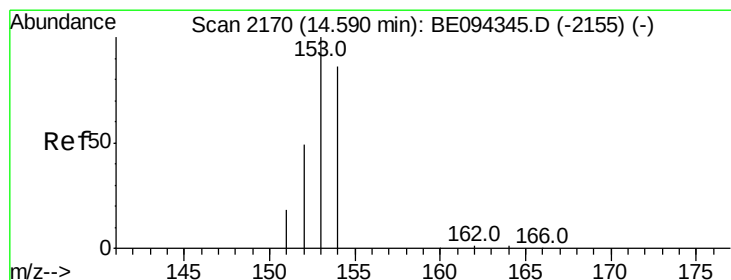
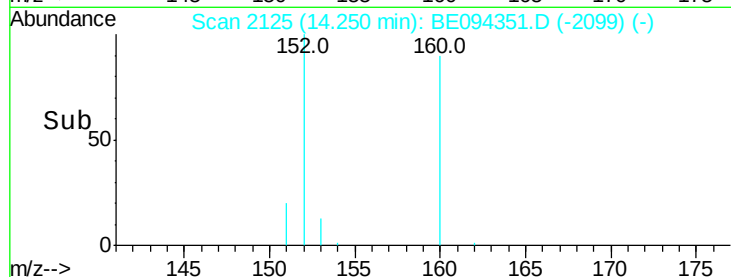
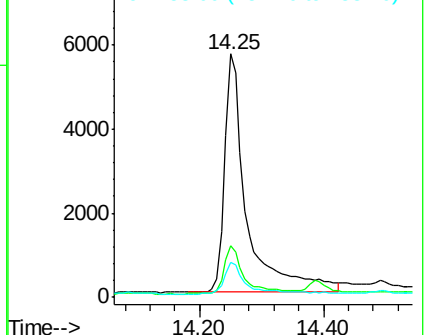
152 100

151 21.2 17.1 25.7

153 14.4 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: 0.103 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BE094351.D

Acq: 14 Oct 2017 8:14

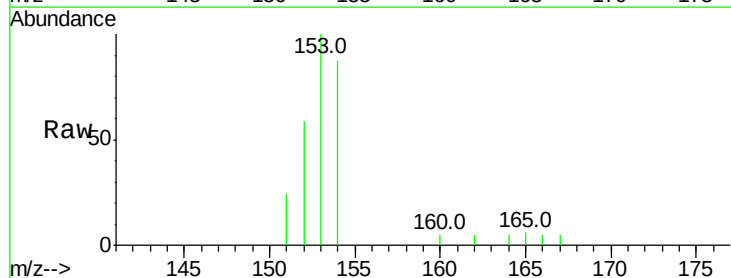
Tgt Ion:153 Resp: 2224

Ion Ratio Lower Upper

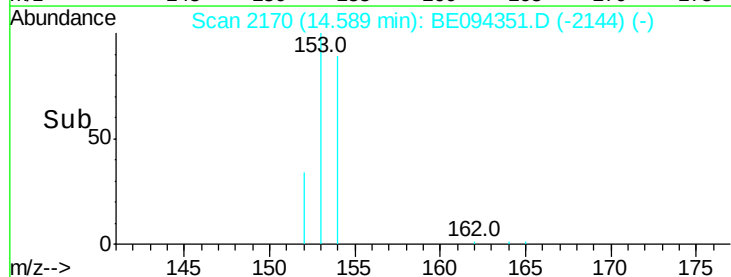
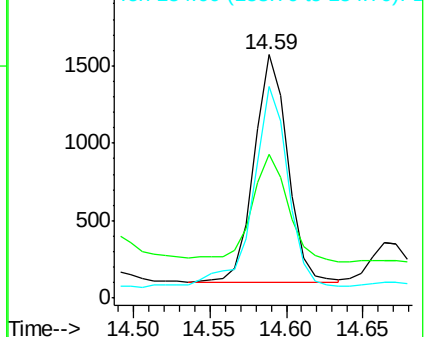
153 100

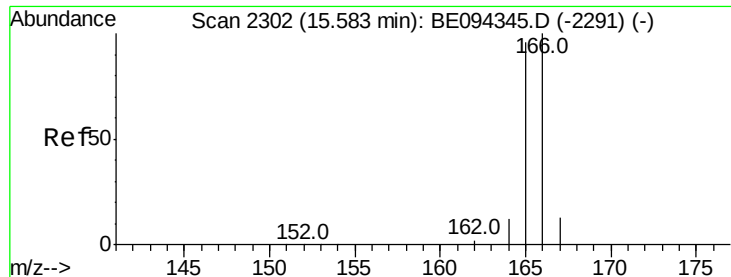
152 59.3 40.3 60.5

154 87.2 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





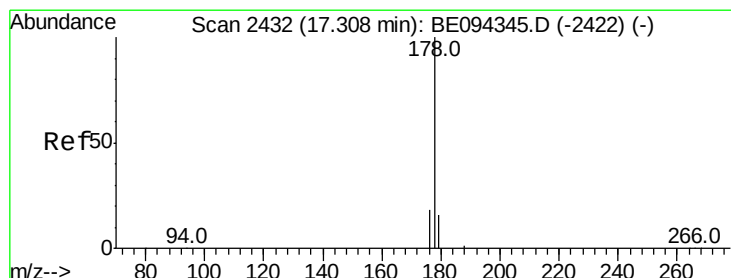
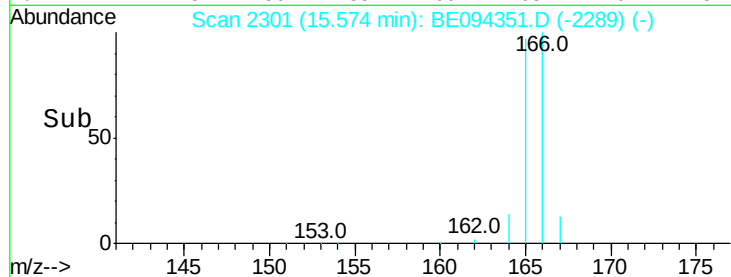
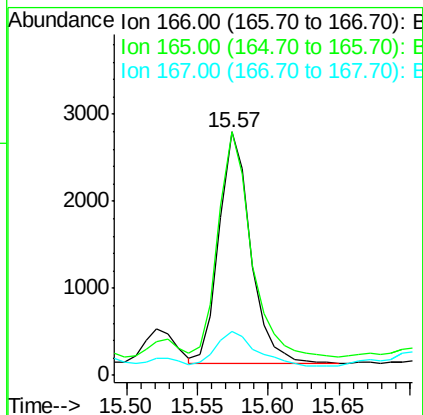
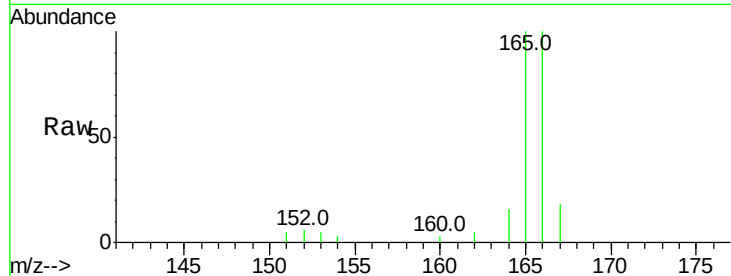
#9

Fluorene

Concen: 0.165 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BE094351.D
 Acq: 14 Oct 2017 8:14

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:166 Resp: 4154
 Ion Ratio Lower Upper
 166 100
 165 100.0 73.4 110.2
 167 18.1 14.6 22.0

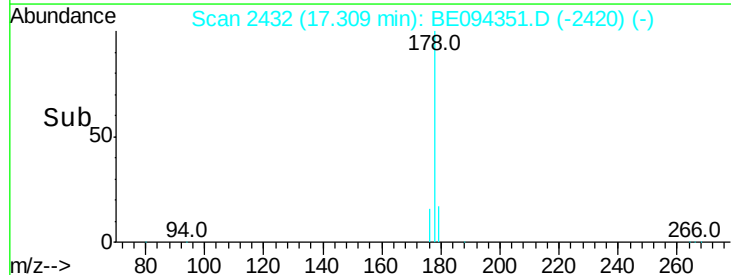
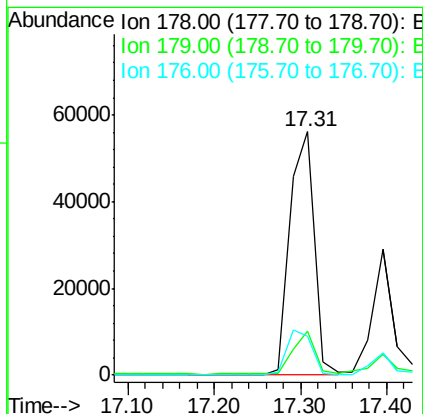
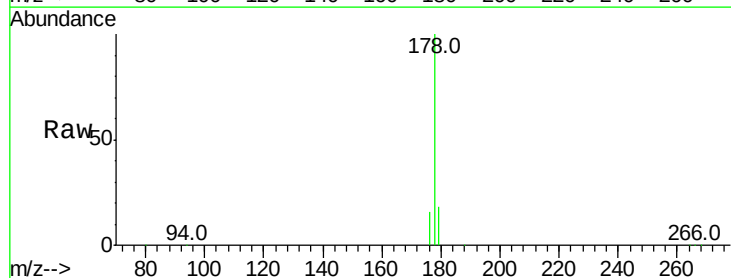


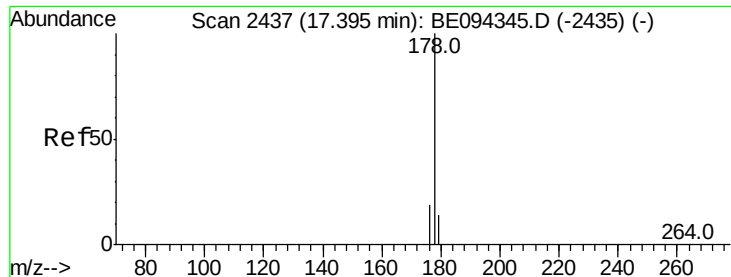
#12

Phenanthrene

Concen: 2.923 ng/ul
 RT: 17.31 min Scan# 2432
 Delta R.T. 0.00 min
 Lab File: BE094351.D
 Acq: 14 Oct 2017 8:14

Tgt Ion:178 Resp: 110167
 Ion Ratio Lower Upper
 178 100
 179 17.8 18.4 27.6#
 176 15.8 13.6 20.4





#13

Anthracene

Concen: 1.385 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094351.D

Acq: 14 Oct 2017 8:14

Instrument :

BNA_E

ClientSampleId :

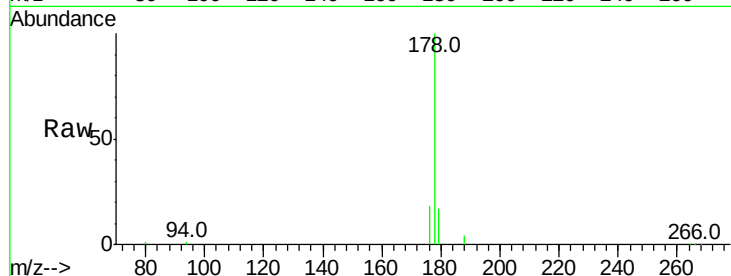
Tot Ion:178 Resp: 50782

Ion Ratio Lower Upper

178 100

179 16.6 18.1 27.1#

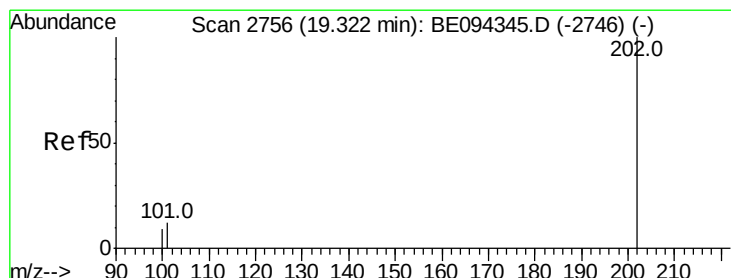
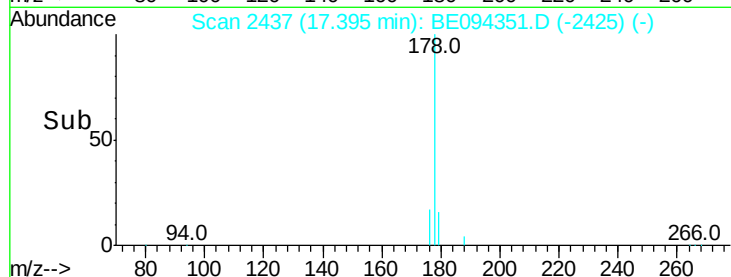
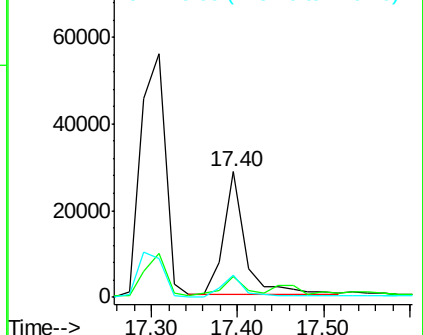
176 17.7 14.7 22.1



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: 8.678 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BE094351.D

Acq: 14 Oct 2017 8:14

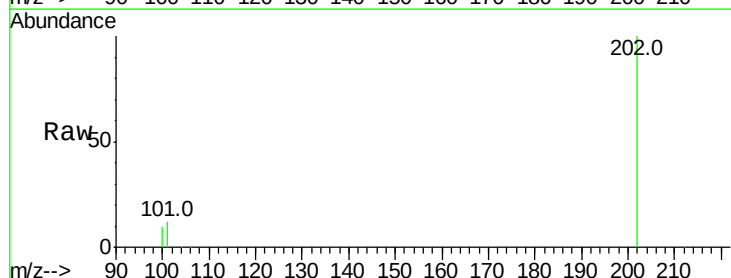
Tgt Ion:202 Resp: 429727

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.3

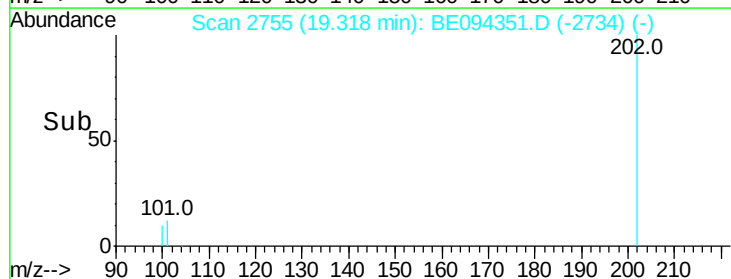
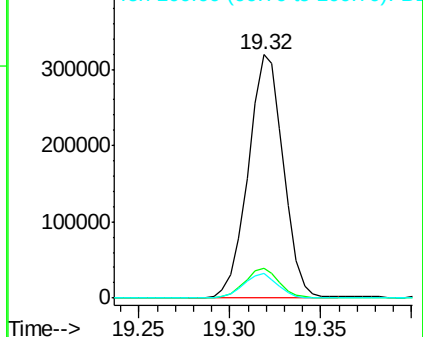
100 9.9 0.0 39.5

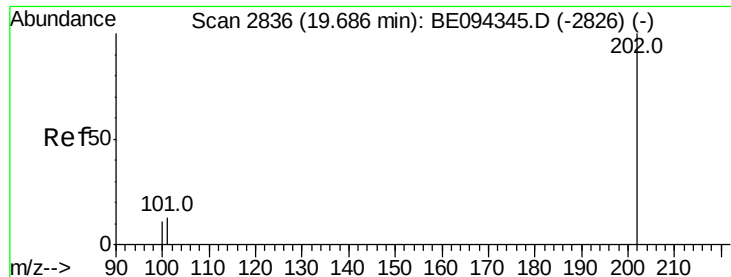


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 10.528 ng/ul

RT: 19.68 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BE094351.D

Acq: 14 Oct 2017 8:14

Instrument :

BNA_E

ClientSampleId :

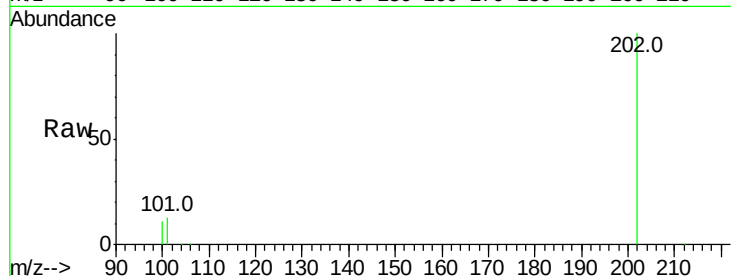
Tot Ion:202 Resp: 407722

Ion Ratio Lower Upper

202 100

101 13.0 18.2 27.4#

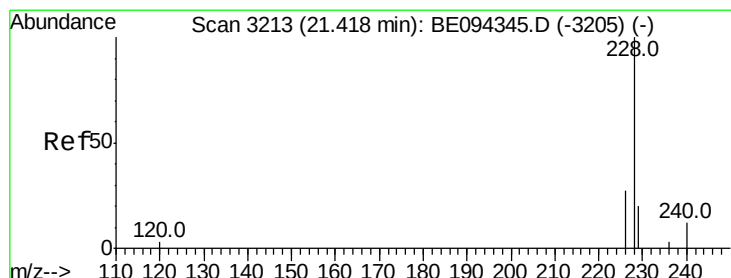
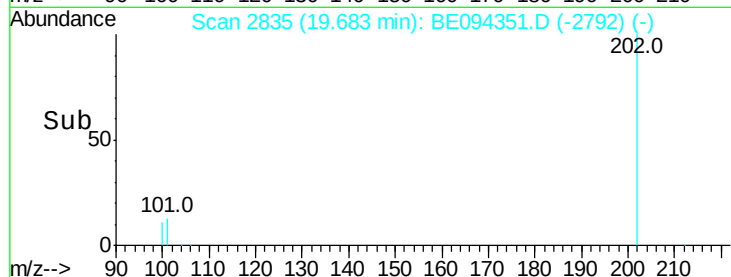
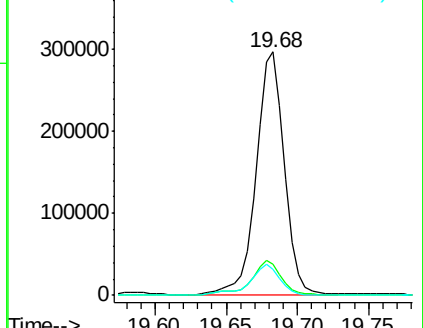
100 10.8 15.6 23.4#



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: 12.351 ng/ul

RT: 21.42 min Scan# 3212

Delta R.T. -0.00 min

Lab File: BE094351.D

Acq: 14 Oct 2017 8:14

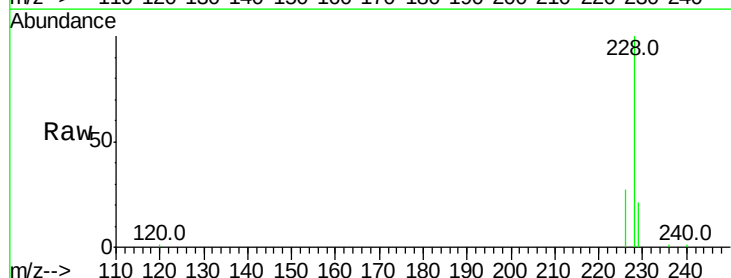
Tgt Ion:228 Resp: 456084

Ion Ratio Lower Upper

228 100

229 21.3 22.8 34.2#

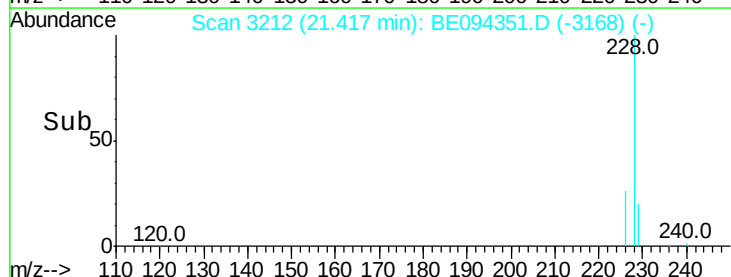
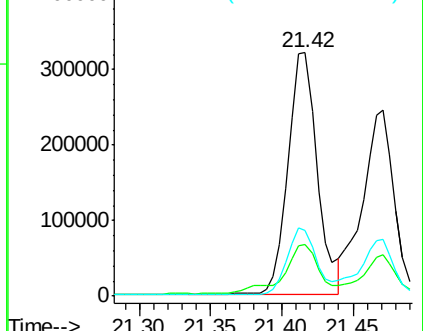
226 26.9 17.0 25.6#

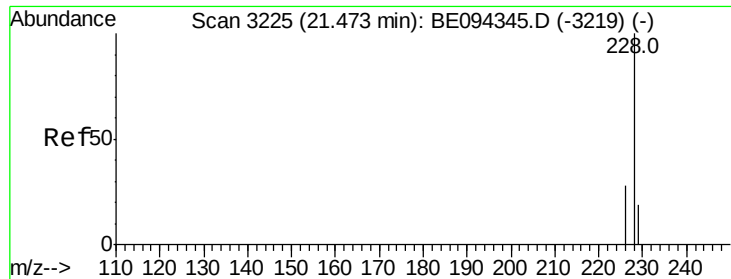


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 8.889 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BE094351.D

Acq: 14 Oct 2017 8:14

Instrument :

BNA_E

ClientSampleId :

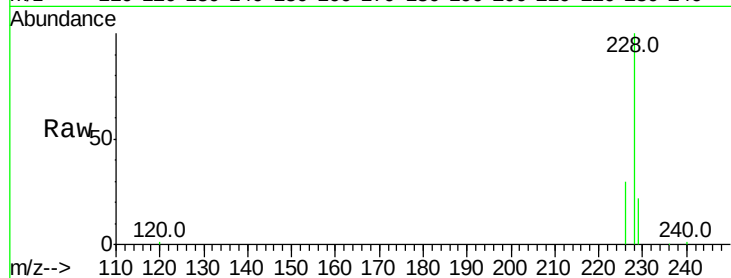
Tot Ion:228 Resp: 379035

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.0

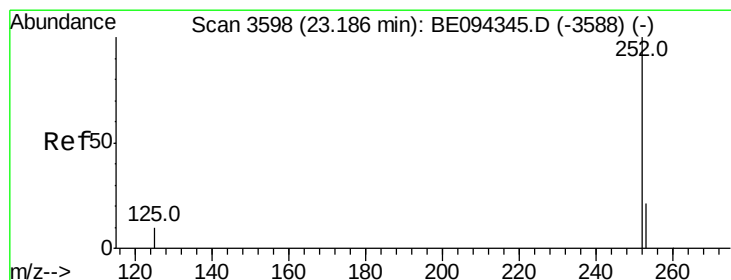
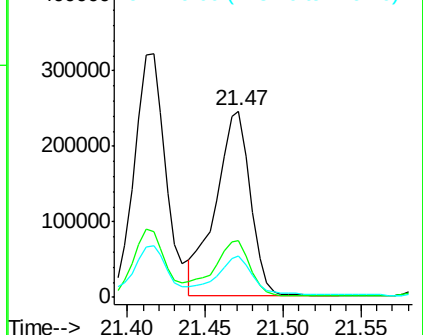
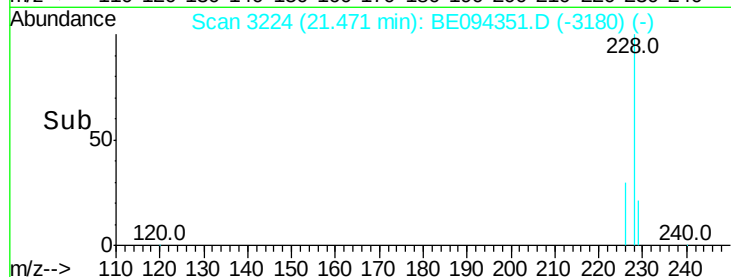
229 22.1 17.7 26.5



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: 21.327 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. 0.00 min

Lab File: BE094351.D

Acq: 14 Oct 2017 8:14

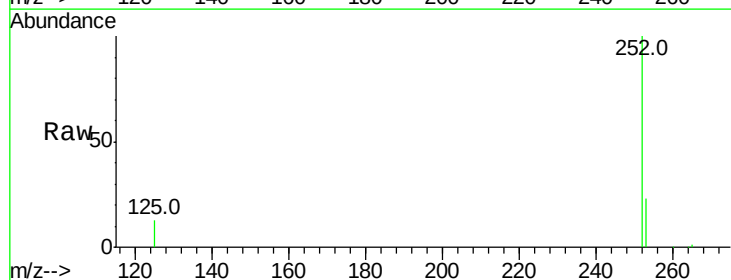
Tgt Ion:252 Resp: 847237

Ion Ratio Lower Upper

252 100

253 23.1 0.0 64.2

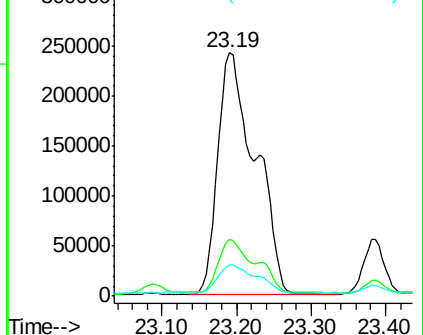
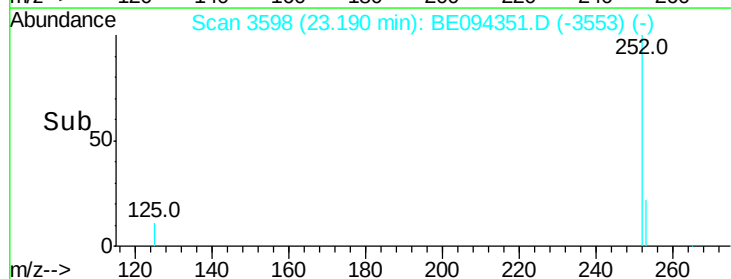
125 12.7 0.0 35.0

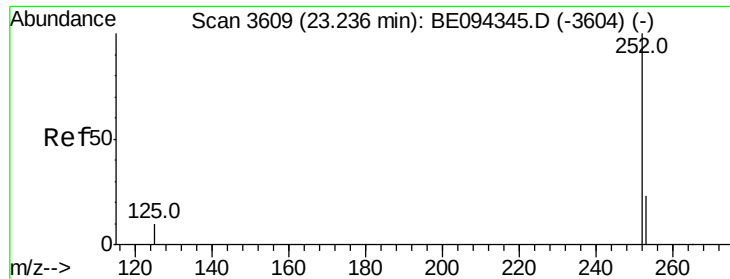


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 18.453 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. -0.05 min

Lab File: BE094351.D

Acq: 14 Oct 2017 8:14

Instrument :

BNA_E

ClientSampleId :

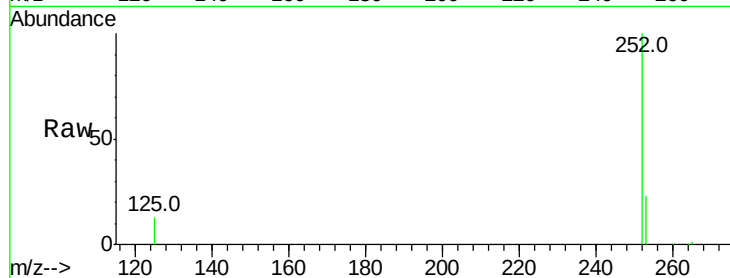
Tot Ion:252 Resp: 847337

Ion Ratio Lower Upper

252 100

253 23.1 24.5 36.7#

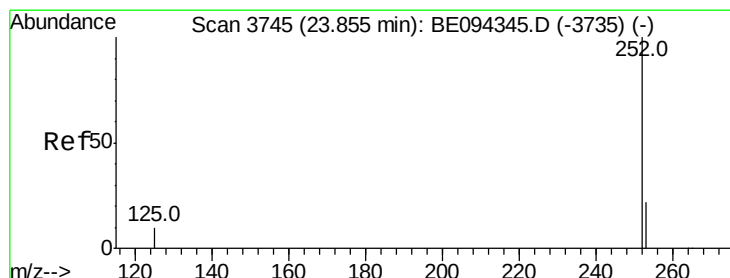
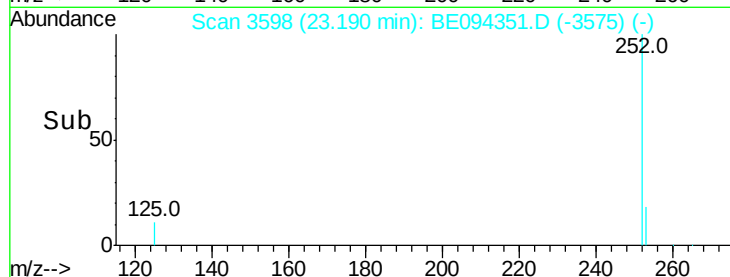
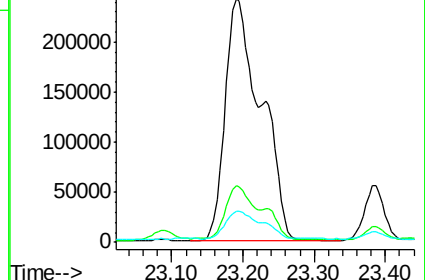
125 12.7 13.7 20.5#



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: 12.070 ng/ul

RT: 23.86 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BE094351.D

Acq: 14 Oct 2017 8:14

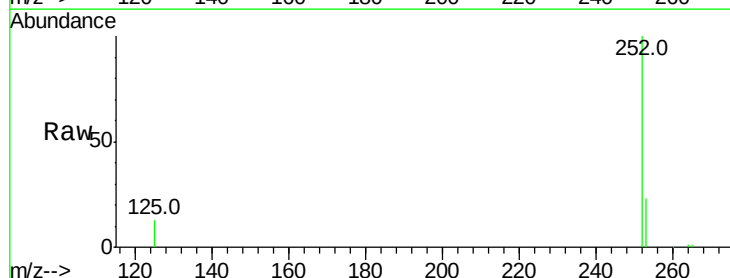
Tgt Ion:252 Resp: 498271

Ion Ratio Lower Upper

252 100

253 23.3 28.5 42.7#

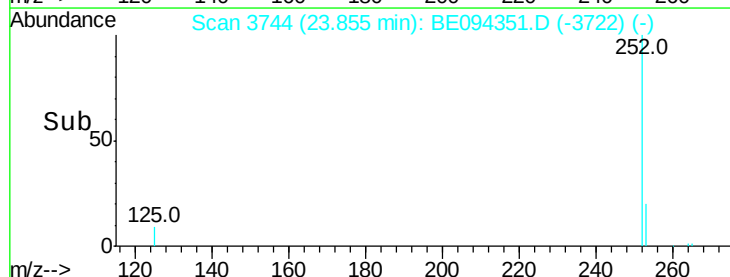
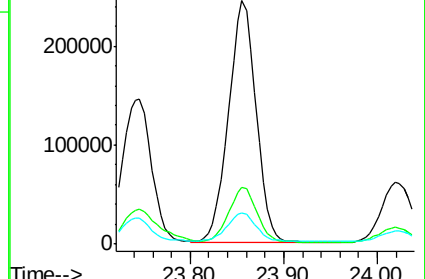
125 13.0 18.1 27.1#

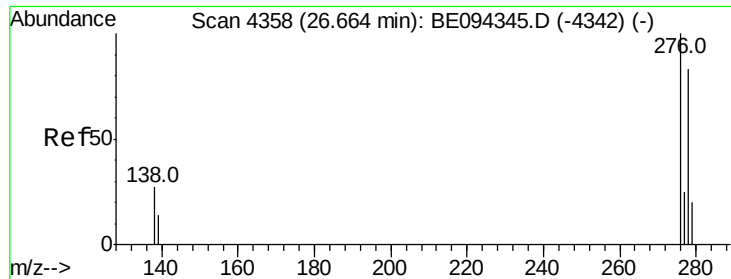


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



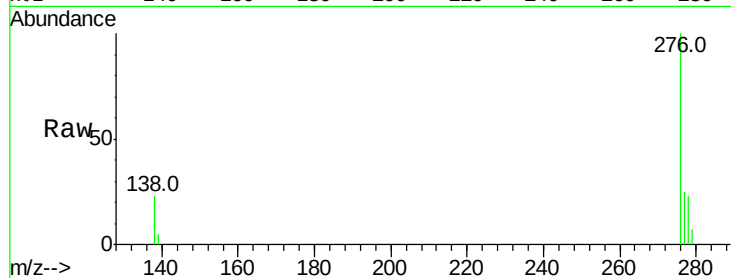


#24

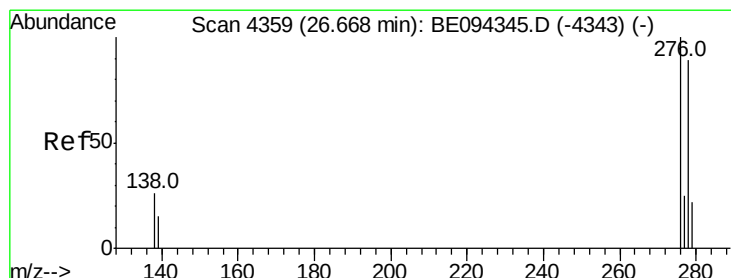
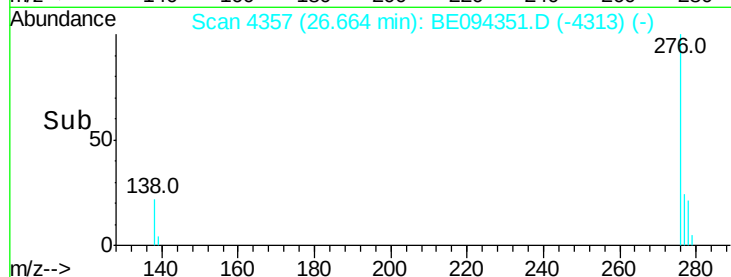
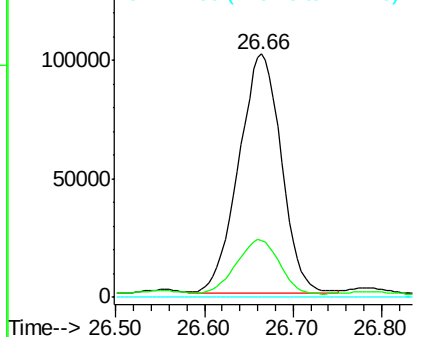
Indeno(1,2,3-cd)pyrene
Concen: 8.003 ng/ul
RT: 26.66 min Scan# 4357
Delta R.T. 0.00 min
Lab File: BE094351.D
Acq: 14 Oct 2017 8:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 337976
Ion Ratio Lower Upper
276 100
138 22.8 28.0 42.0#
227 0.0 8.0 12.0#



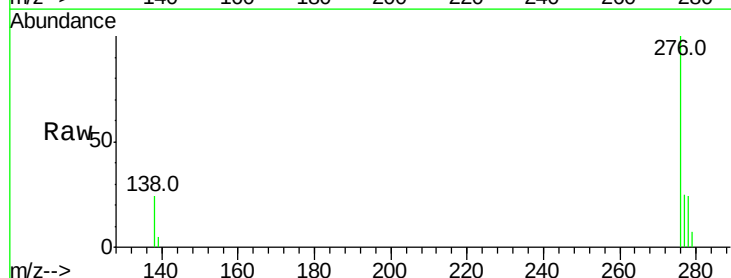
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



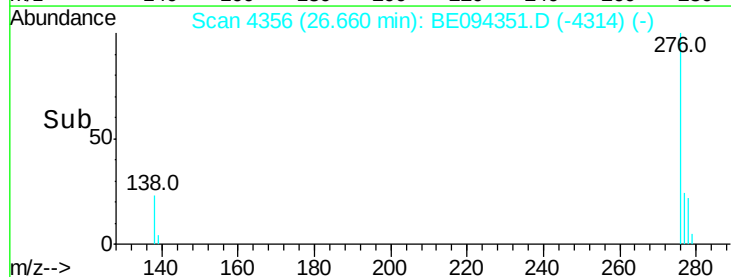
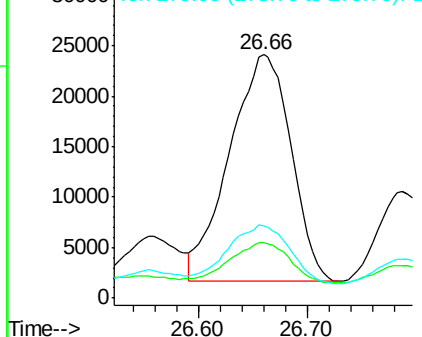
#25

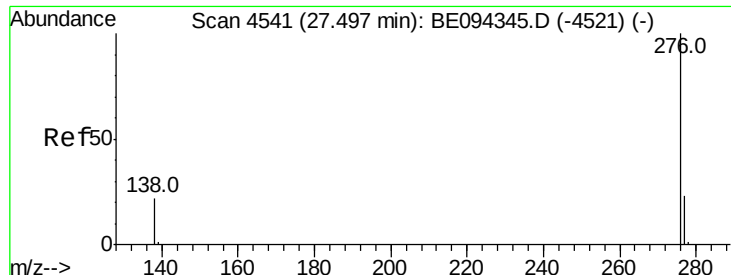
Dibenzo(a,h)anthracene
Concen: 2.489 ng/ul
RT: 26.66 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BE094351.D
Acq: 14 Oct 2017 8:14

Tgt Ion:278 Resp: 88162
Ion Ratio Lower Upper
278 100
139 22.8 17.4 26.0
279 29.8 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(a,h,i)perylene

Concen: 7.608 ng/ul

RT: 27.50 min Scan# 4540

Delta R.T. 0.00 min

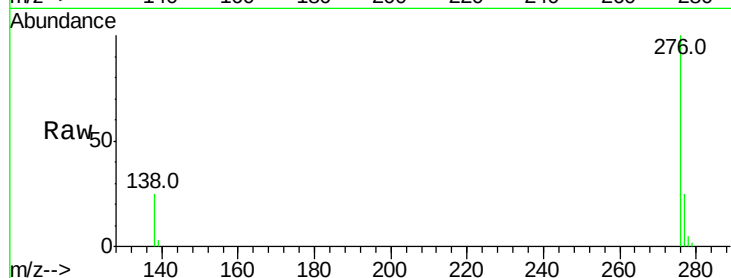
Lab File: BE094351.D

Acq: 14 Oct 2017 8:14

Instrument :

BNA_E

ClientSampleId :



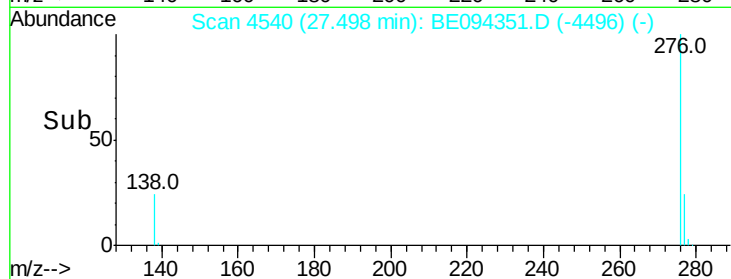
Tot Ion:276 Resp: 277127

Ion Ratio Lower Upper

276 100

138 24.7 21.8 32.8

277 25.3 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

