

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\
 Data File : BE094059.D
 Acq On : 21 Sep 2017 7:55
 Operator : SJ/JU
 Sample : I5287-03 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CB3J1

Quant Time: Sep 21 09:11:46 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 21 07:18:34 2017
 Response via : Initial Calibration

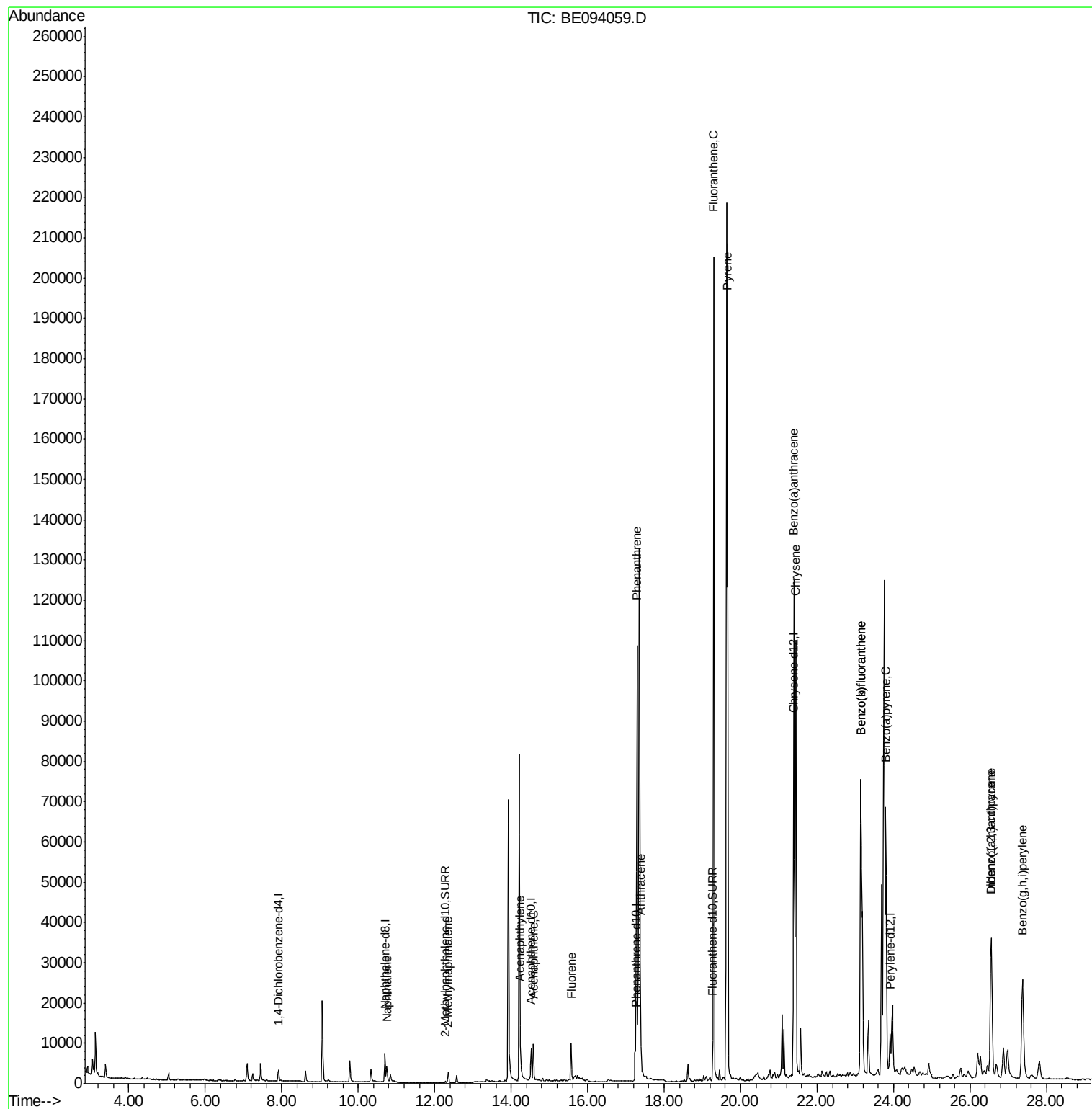
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1467	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	7699	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5052	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12794	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	14875	0.40	ng/ul	-0.01
20) Perylene-d12	23.91	264	15732	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	654	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	2376	0.06	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	6309	0.335	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	2745	0.224	ng/ul	98
7) Acenaphthylene	14.24	152	4822	0.245	ng/ul	99
8) Acenaphthene	14.58	153	5715	0.352	ng/ul	98
9) Fluorene	15.57	166	6386	0.336	ng/ul	94
12) Phenanthrene	17.29	178	138177	4.133	ng/ul#	92
13) Anthracene	17.38	178	29713	0.914	ng/ul#	92
15) Fluoranthene	19.30	202	236857	5.392	ng/ul	84
17) Pyrene	19.66	202	224141	5.416	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	115850	2.936	ng/ul#	86
19) Chrysene	21.44	228	119980	2.633	ng/ul	97
21) Benzo(b)fluoranthene	23.14	252	193064	4.518	ng/ul	85
22) Benzo(k)fluoranthene	23.14	252	192970	3.906	ng/ul#	87
23) Benzo(a)pyrene	23.80	252	102681	2.312	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.55	276	65450	1.441	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.56	278	16987	0.446	ng/ul	94
26) Benzo(a,h,i)perylene	27.37	276	59938	1.530	ng/ul	98

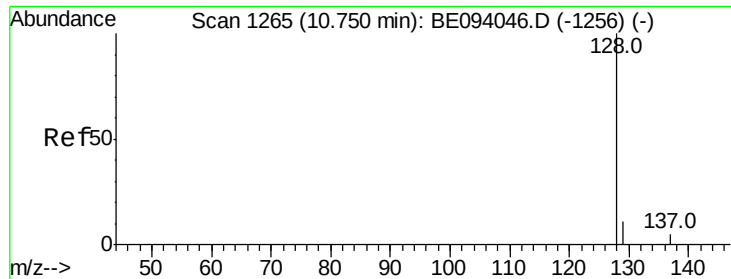
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.335 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE094059.D

Acq: 21 Sep 2017 7:55

Instrument :

BNA_E

ClientSampleId :

CB3J1

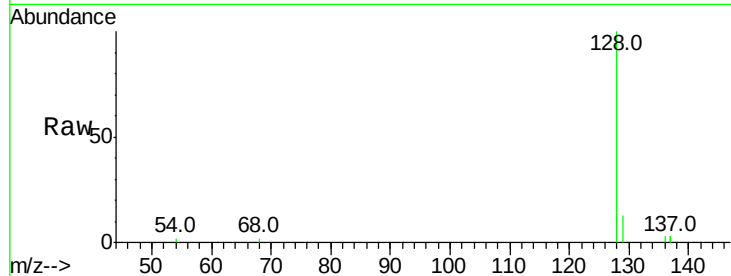
Tot Ion:128 Resp: 6309

Ion Ratio Lower Upper

128 100

129 12.7 11.3 16.9

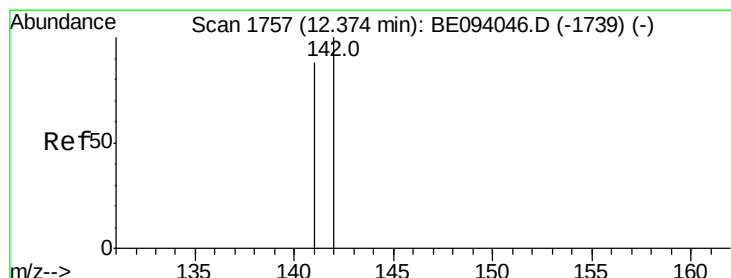
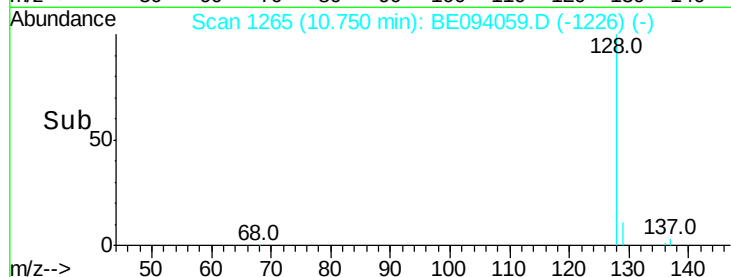
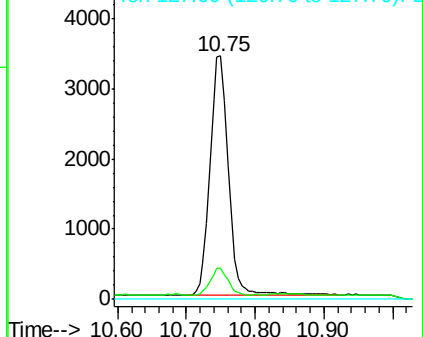
127 0.0 4.0 6.0#



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: 0.224 ng/ul

RT: 12.35 min Scan# 1750

Delta R.T. -0.02 min

Lab File: BE094059.D

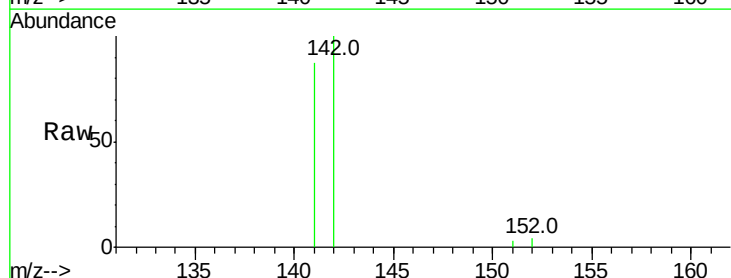
Acq: 21 Sep 2017 7:55

Tgt Ion:142 Resp: 2745

Ion Ratio Lower Upper

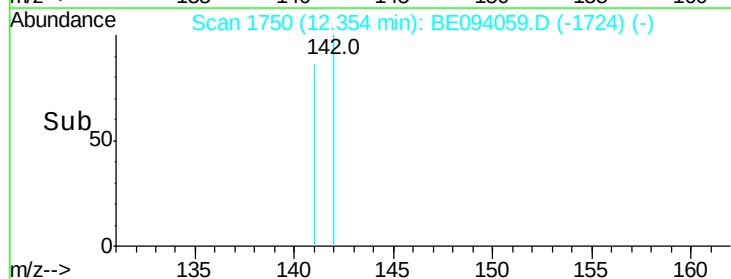
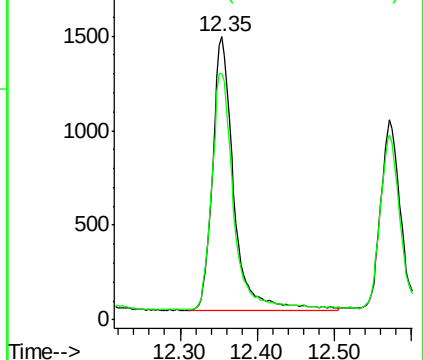
142 100

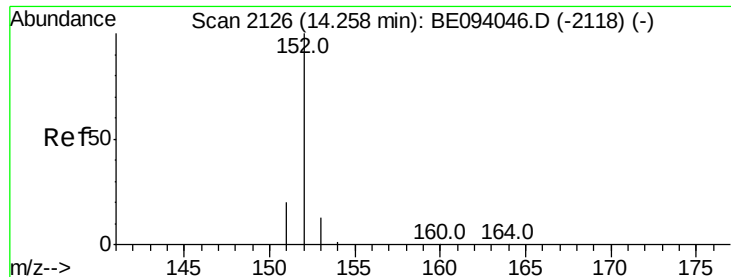
141 89.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.245 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BE094059.D

Acq: 21 Sep 2017 7:55

Instrument :

BNA_E

ClientSampleId :

CB3J1

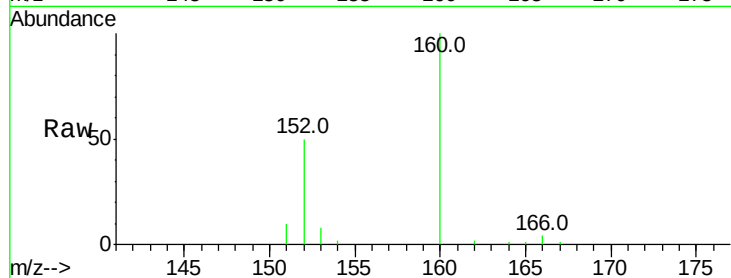
Tot Ion:152 Resp: 4822

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

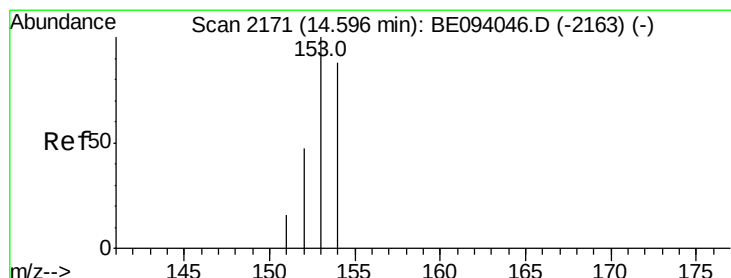
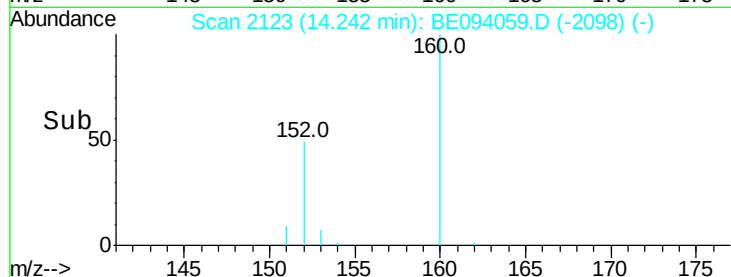
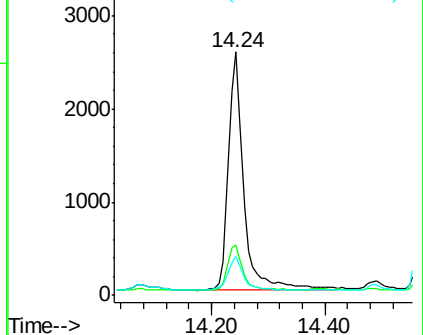
153 15.8 12.8 19.2



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: 0.352 ng/ul

RT: 14.58 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BE094059.D

Acq: 21 Sep 2017 7:55

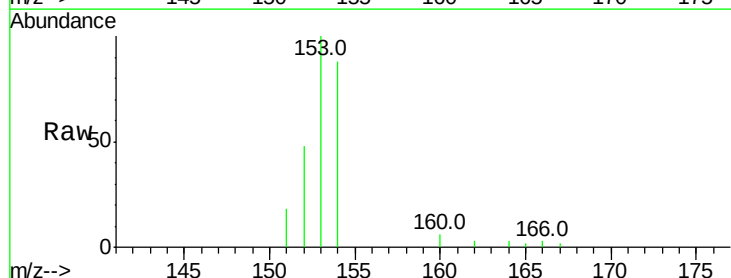
Tgt Ion:153 Resp: 5715

Ion Ratio Lower Upper

153 100

152 48.4 40.3 60.5

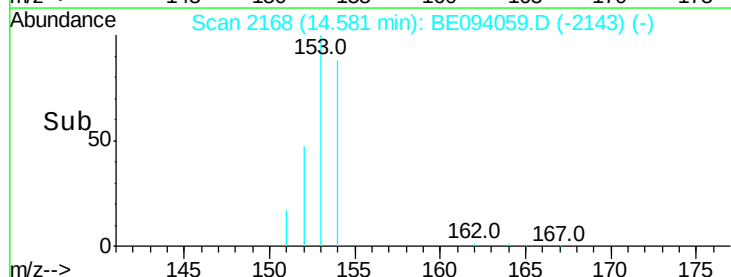
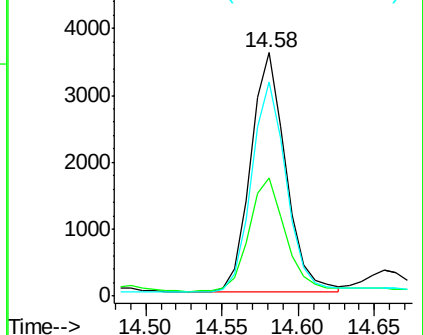
154 87.8 71.4 107.2

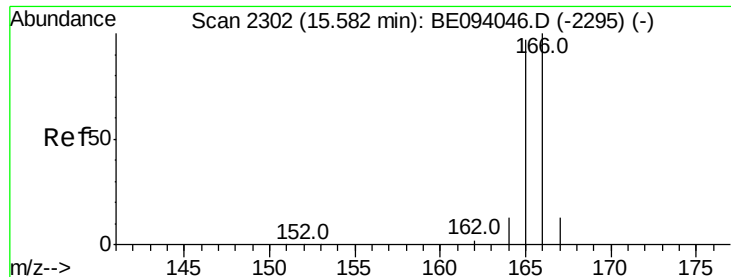


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.336 ng/ul

RT: 15.57 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094059.D

Acq: 21 Sep 2017 7:55

Instrument :

BNA_E

ClientSampled :

CB3J1

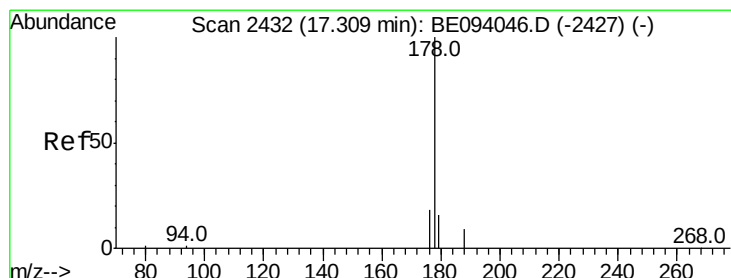
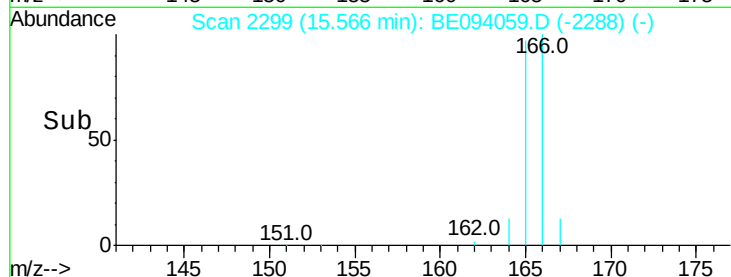
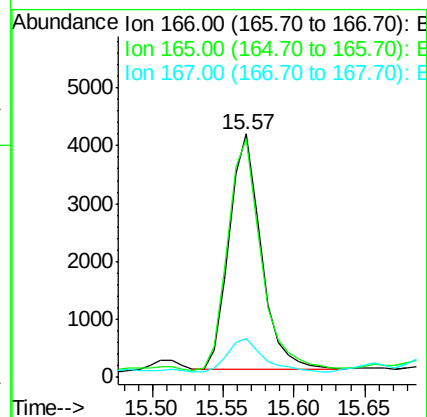
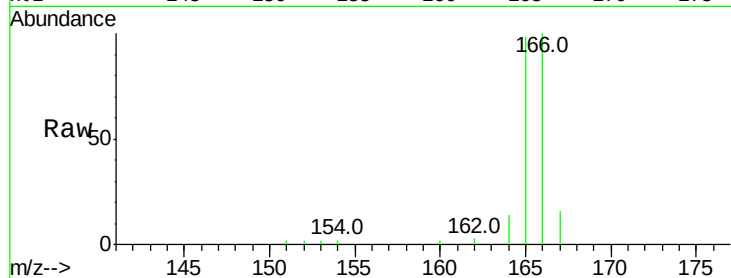
Tot Ion:166 Resp: 6386

Ion Ratio Lower Upper

166 100

165 98.1 73.4 110.2

167 16.1 14.6 22.0



#12

Phenanthrene

Concen: 4.133 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094059.D

Acq: 21 Sep 2017 7:55

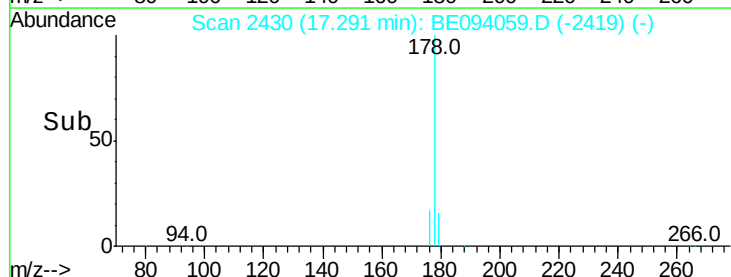
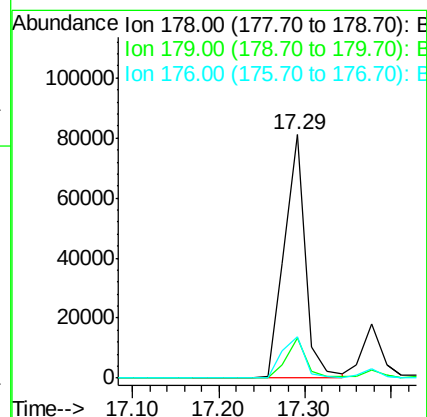
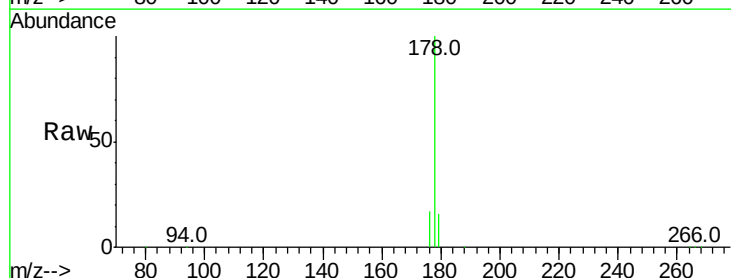
Tgt Ion:178 Resp: 138177

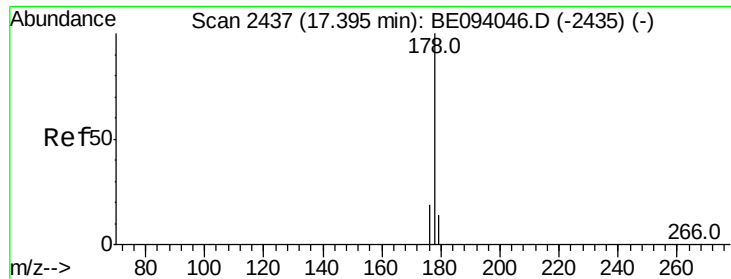
Ion Ratio Lower Upper

178 100

179 16.5 18.4 27.6#

176 17.0 13.6 20.4





#13

Anthracene

Concen: 0.914 ng/ul

RT: 17.38 min Scan# 2435

Delta R.T. -0.02 min

Lab File: BE094059.D

Acq: 21 Sep 2017 7:55

Instrument :

BNA_E

ClientSampleId :

CB3J1

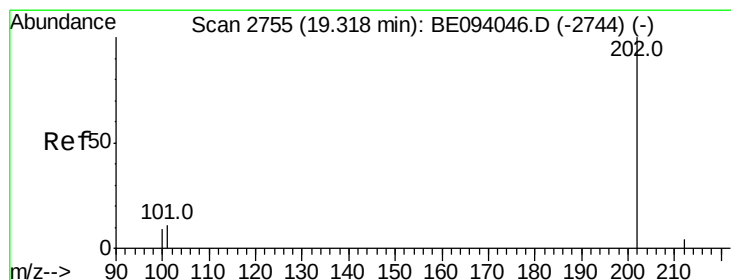
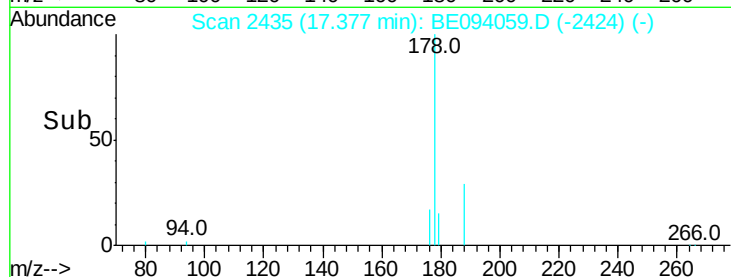
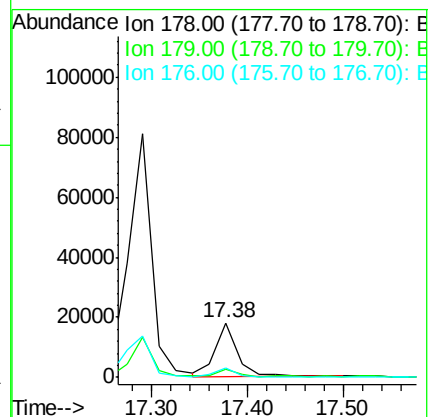
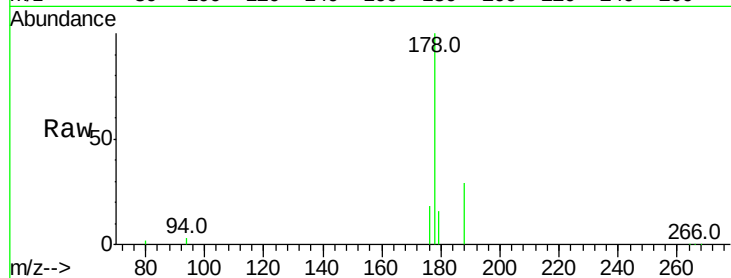
Tot Ion:178 Resp: 29713

Ion Ratio Lower Upper

178 100

179 15.9 18.1 27.1#

176 17.8 14.7 22.1



#15

Fluoranthene

Concen: 5.392 ng/ul

RT: 19.30 min Scan# 2750

Delta R.T. -0.02 min

Lab File: BE094059.D

Acq: 21 Sep 2017 7:55

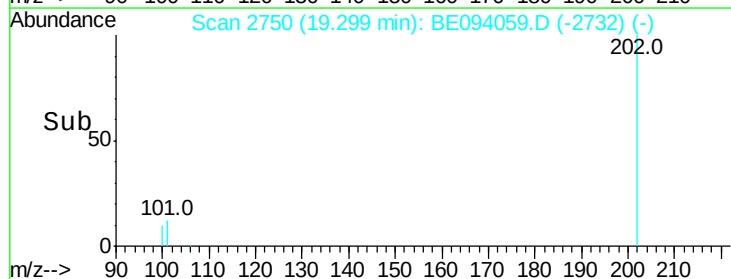
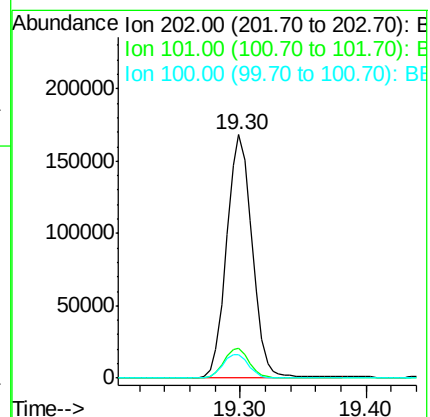
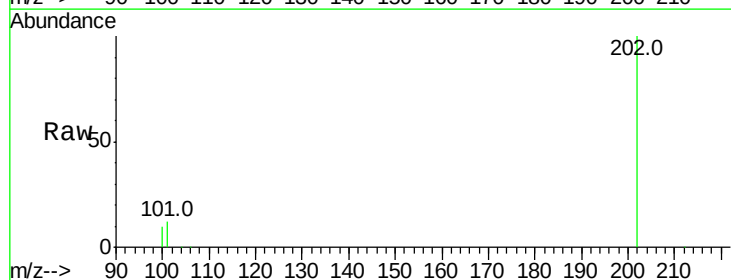
Tgt Ion:202 Resp: 236857

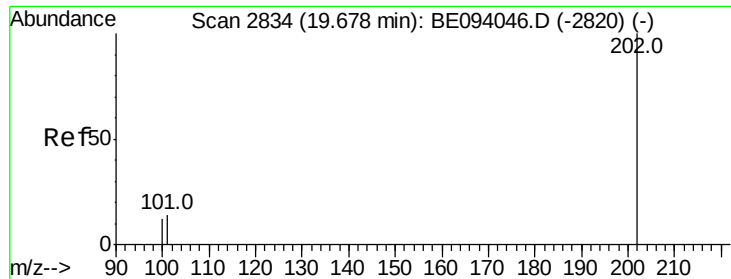
Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.3

100 9.6 0.0 39.5





#17

Pvrene

Concen: 5.416 ng/ul

RT: 19.66 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BE094059.D

Acq: 21 Sep 2017 7:55

Instrument :

BNA_E

ClientSampleId :

CB3J1

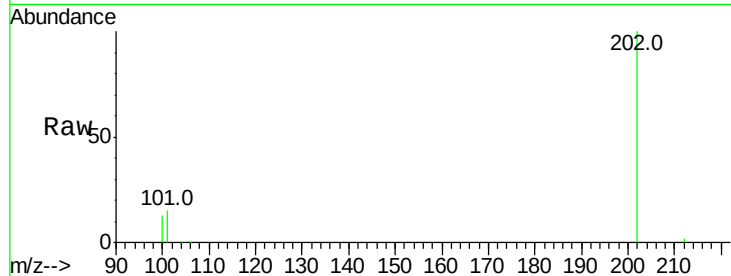
Tot Ion:202 Resp: 224141

Ion Ratio Lower Upper

202 100

101 14.7 18.2 27.4#

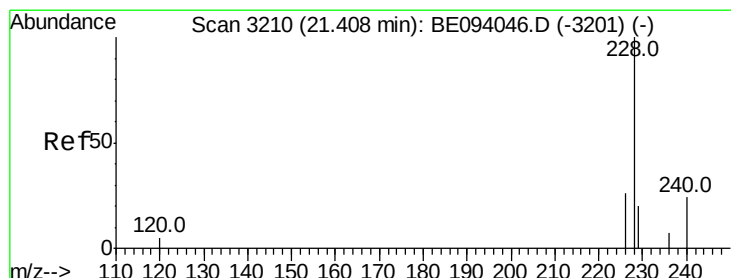
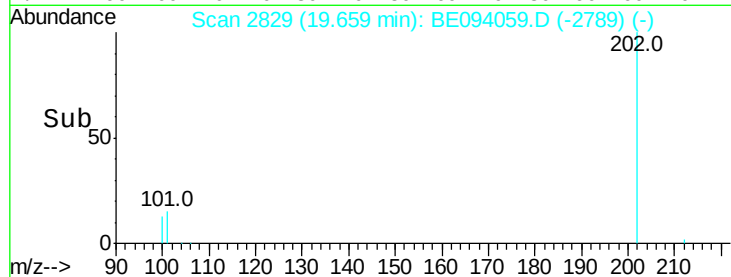
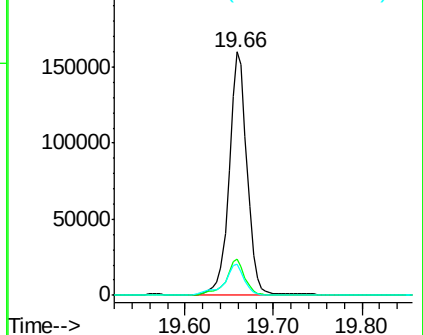
100 13.0 15.6 23.4#



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): BE



#18

Benzo(a)anthracene

Concen: 2.936 ng/ul

RT: 21.39 min Scan# 3206

Delta R.T. -0.02 min

Lab File: BE094059.D

Acq: 21 Sep 2017 7:55

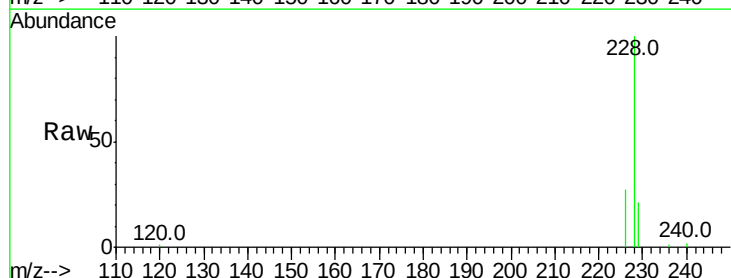
Tgt Ion:228 Resp: 115850

Ion Ratio Lower Upper

228 100

229 20.8 22.8 34.2#

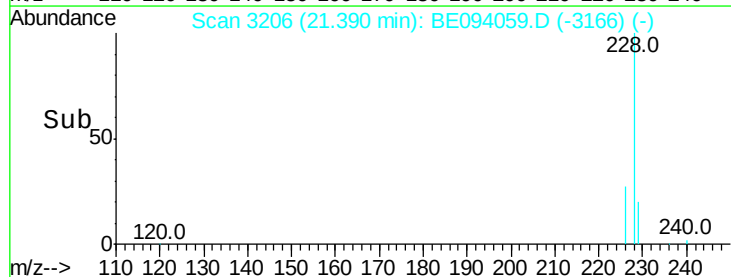
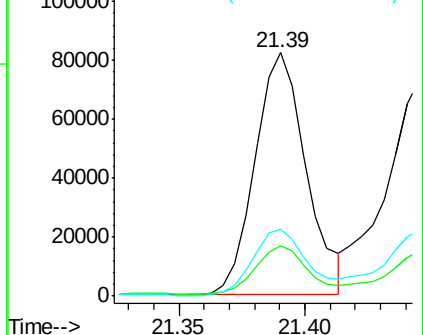
226 27.3 17.0 25.6#

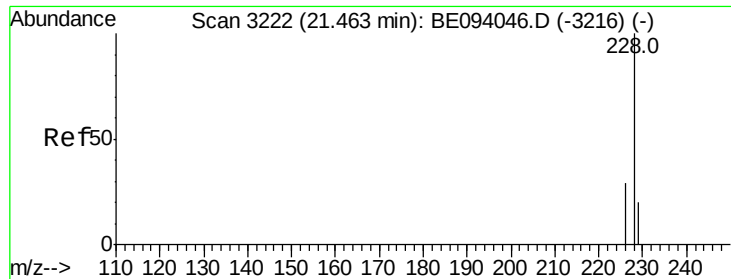


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.633 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.02 min

Lab File: BE094059.D

Acq: 21 Sep 2017 7:55

Instrument :

BNA_E

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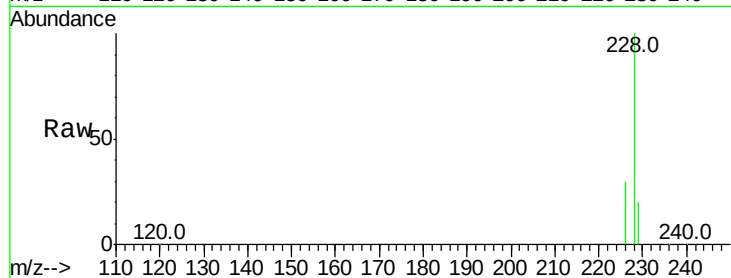
Tot Ion:228 Resp: 119980

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.0

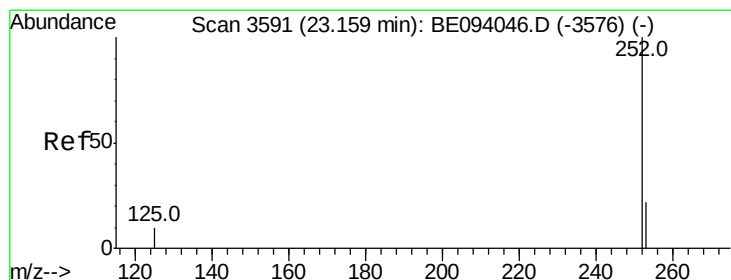
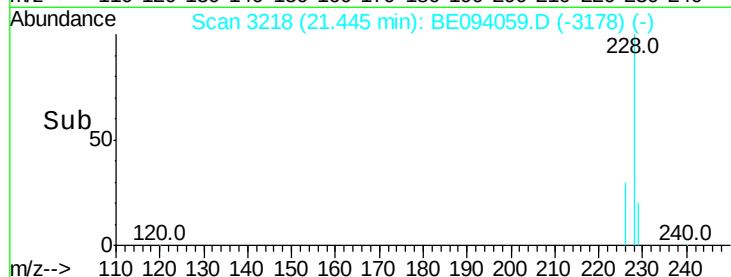
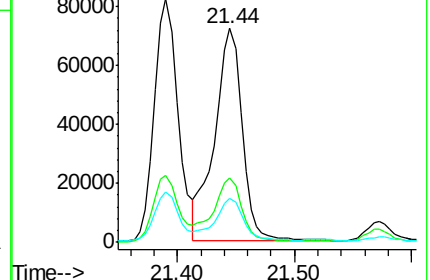
229 20.4 17.7 26.5



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: 4.518 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.01 min

Lab File: BE094059.D

Acq: 21 Sep 2017 7:55

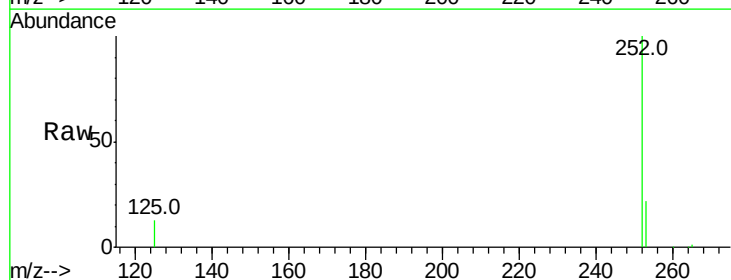
Tgt Ion:252 Resp: 193064

Ion Ratio Lower Upper

252 100

253 22.4 0.0 64.2

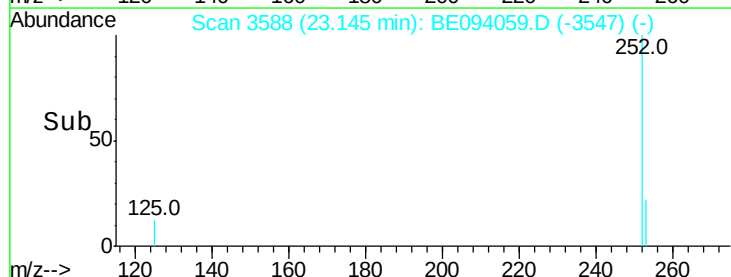
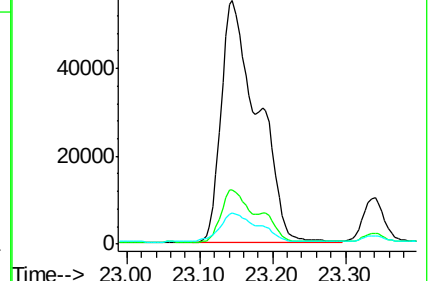
125 12.6 0.0 35.0

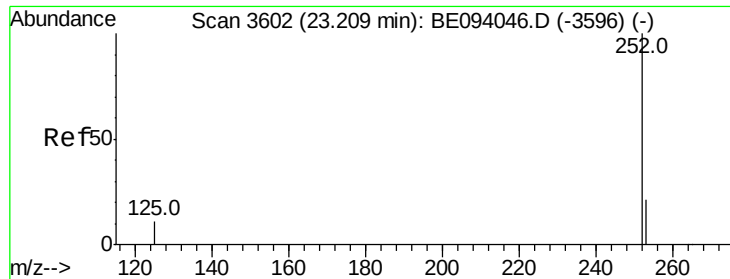


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 3.906 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.06 min

Lab File: BE094059.D

Acq: 21 Sep 2017 7:55

Instrument :

BNA_E

ClientSampleId :

CB3J1

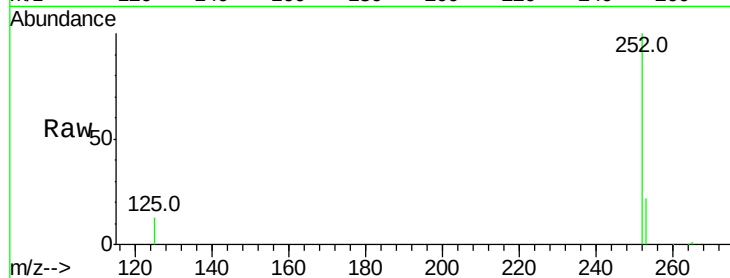
Tot Ion:252 Resp: 192970

Ion Ratio Lower Upper

252 100

253 22.4 24.5 36.7#

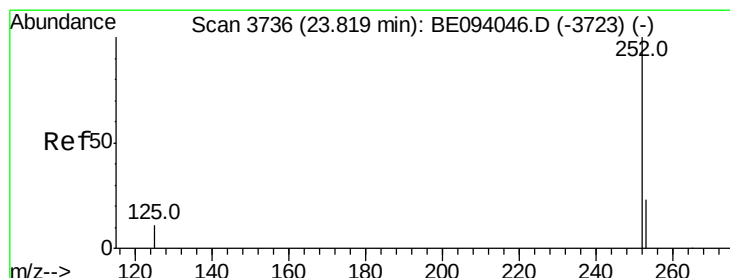
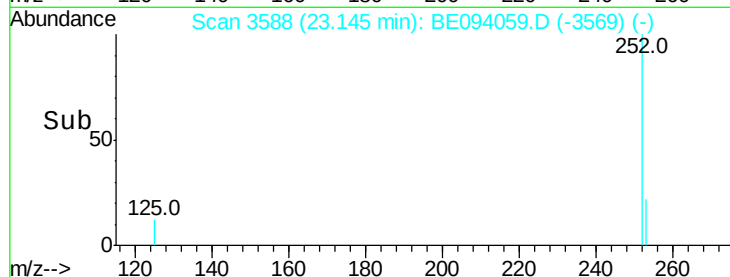
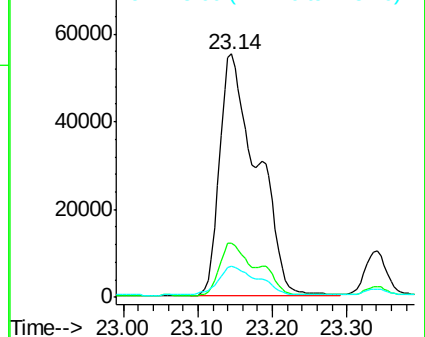
125 12.6 13.7 20.5#



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: 2.312 ng/ul

RT: 23.80 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BE094059.D

Acq: 21 Sep 2017 7:55

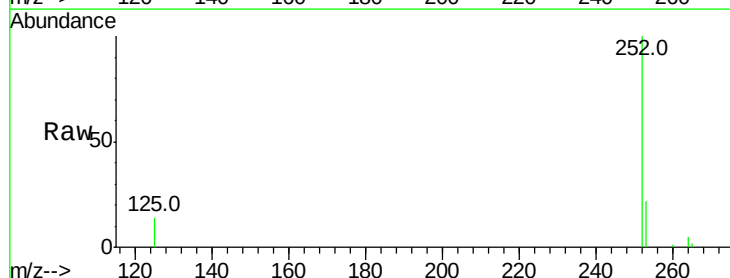
Tgt Ion:252 Resp: 102681

Ion Ratio Lower Upper

252 100

253 22.4 28.5 42.7#

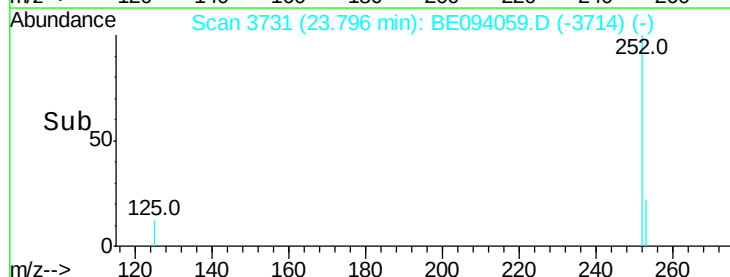
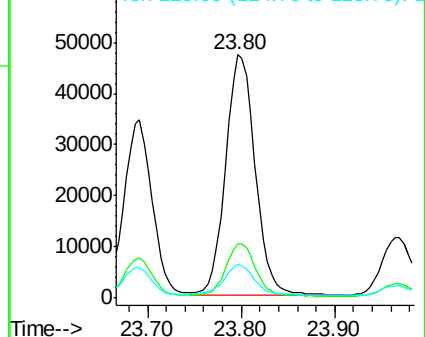
125 13.6 18.1 27.1#

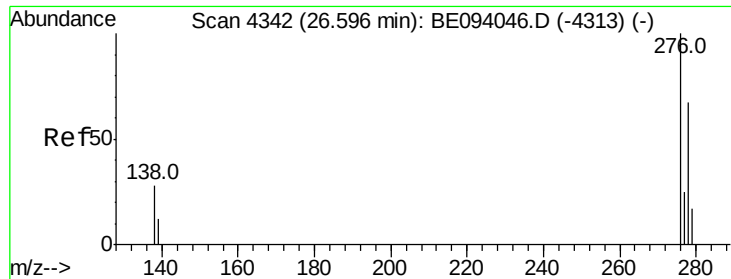


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



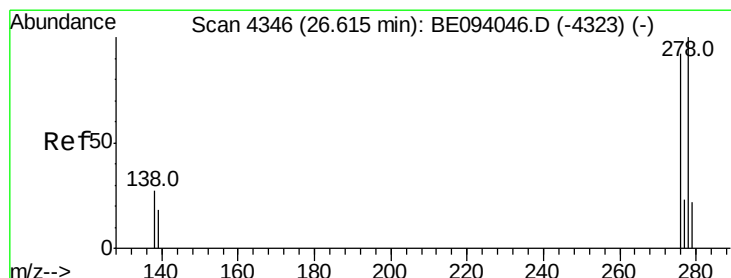
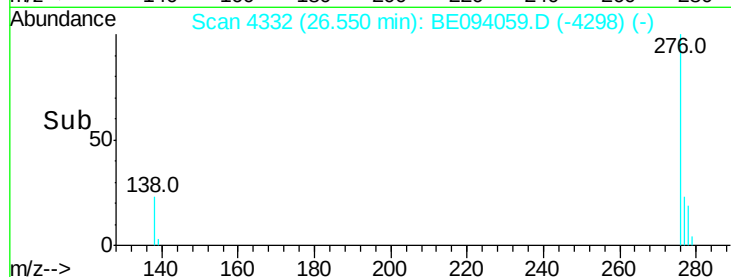
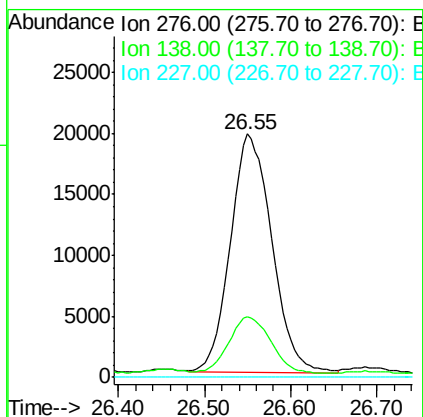
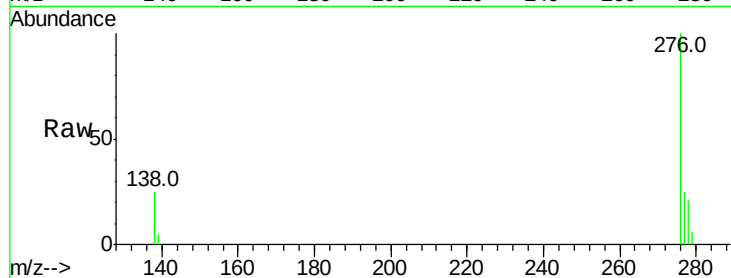


#24

Indeno(1,2,3-cd)pyrene
Concen: 1.441 ng/ul
RT: 26.55 min Scan# 4332
Delta R.T. -0.05 min
Lab File: BE094059.D
Acq: 21 Sep 2017 7:55

Instrument :
BNA_E
ClientSampleId :
CB3J1

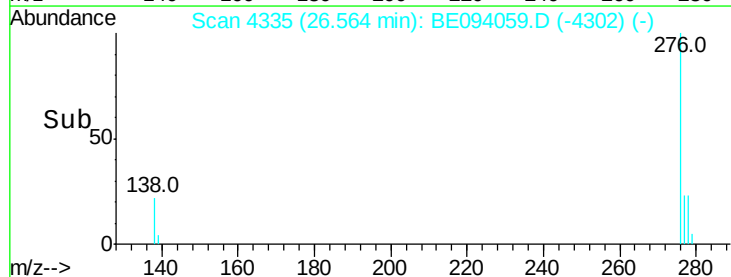
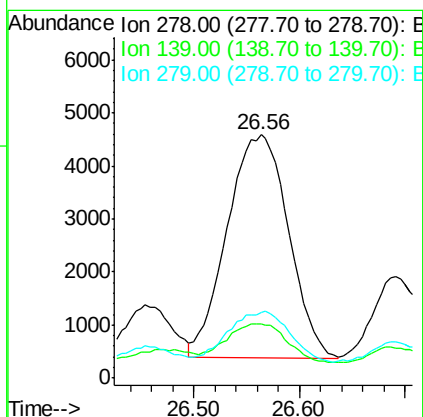
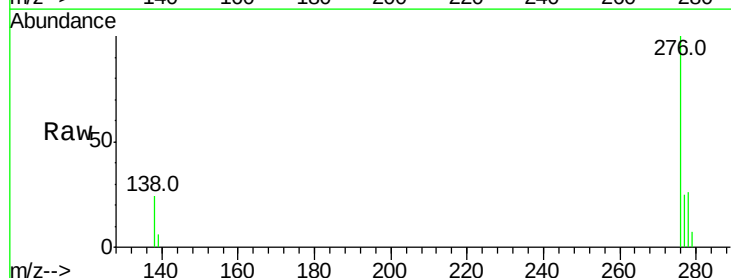
Tot Ion:276 Resp: 65450
Ion Ratio Lower Upper
276 100
138 24.1 28.0 42.0#
227 0.0 8.0 12.0#

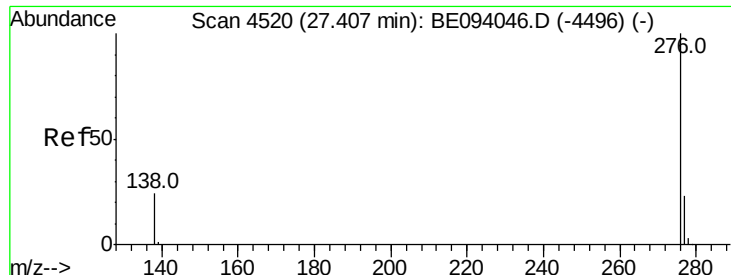


#25

Dibenzo(a,h)anthracene
Concen: 0.446 ng/ul
RT: 26.56 min Scan# 4335
Delta R.T. -0.05 min
Lab File: BE094059.D
Acq: 21 Sep 2017 7:55

Tgt Ion:278 Resp: 16987
Ion Ratio Lower Upper
278 100
139 22.2 17.4 26.0
279 27.0 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 1.530 ng/ul

RT: 27.37 min Scan# 4513

Delta R.T. -0.03 min

Lab File: BE094059.D

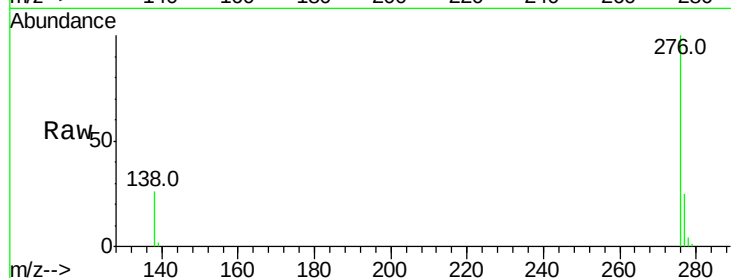
Acq: 21 Sep 2017 7:55

Instrument :

BNA_E

ClientSampleId :

CB3J1



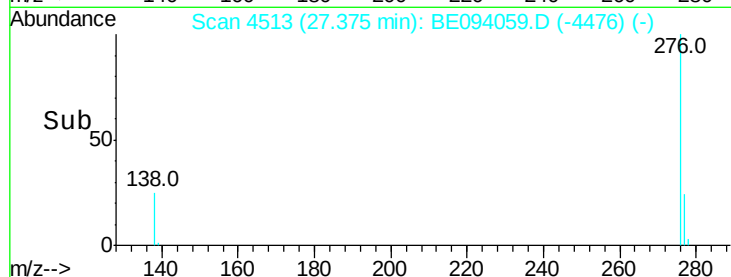
Tot Ion:276 Resp: 59938

Ion Ratio Lower Upper

276 100

138 26.0 21.8 32.8

277 25.2 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

