

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\
 Data File : BE094046.D
 Acq On : 20 Sep 2017 23:52
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.410

Quant Time: Sep 21 06:29:24 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 06:26:27 2017
 Response via : Initial Calibration

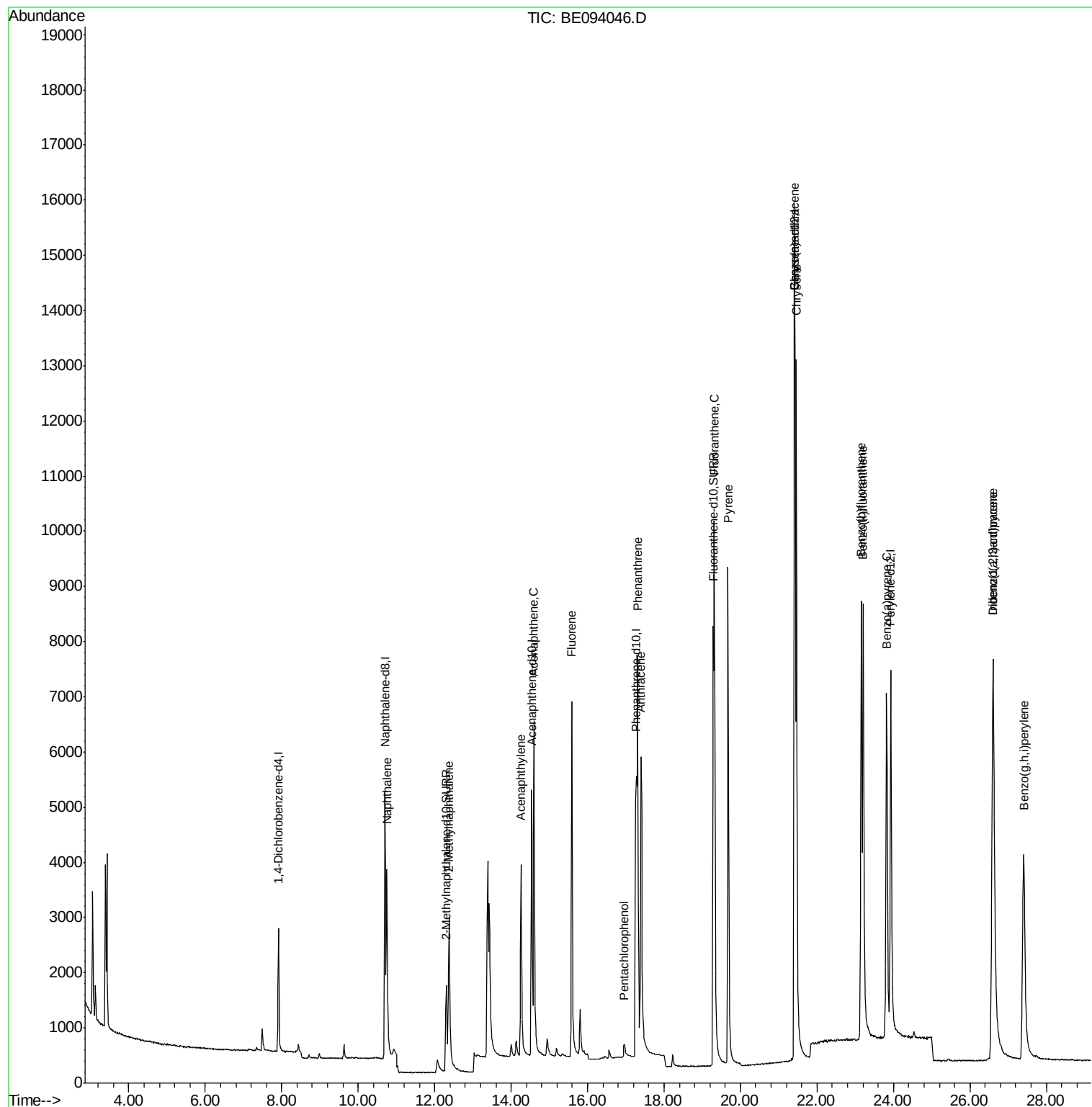
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1308	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6311	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3910	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.27	188	10479	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	12792	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	12028	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	4038	0.41	ng/ul	-0.02
14) Fluoranthene-d10	19.29	212	13424	0.38	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	6205	0.401	ng/ul#	93
5) 2-Methylnaphthalene	12.37	142	4121	0.411	ng/ul	100
7) Acenaphthylene	14.26	152	6126	0.402	ng/ul	98
8) Acenaphthene	14.60	153	4995	0.398	ng/ul	99
9) Fluorene	15.58	166	5791	0.394	ng/ul#	94
11) Pentachlorophenol	16.96	266	397	0.323	ng/ul	96
12) Phenanthrene	17.31	178	10744	0.392	ng/ul#	91
13) Anthracene	17.40	178	10458	0.393	ng/ul#	90
15) Fluoranthene	19.32	202	13769	0.383	ng/ul	84
17) Pyrene	19.68	202	14807	0.416	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	13602	0.401	ng/ul#	86
19) Chrysene	21.46	228	15840	0.404	ng/ul	98
21) Benzo(b)fluoranthene	23.16	252	12536	0.384	ng/ul	86
22) Benzo(k)fluoranthene	23.21	252	14852	0.393	ng/ul#	88
23) Benzo(a)pyrene	23.82	252	13360	0.393	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.60	276	14072	0.405	ng/ul#	84
25) Dibenzo(a,h)anthracene	26.61	278	11800	0.405	ng/ul#	92
26) Benzo(g,h,i)perylene	27.41	276	12056	0.402	ng/ul	98

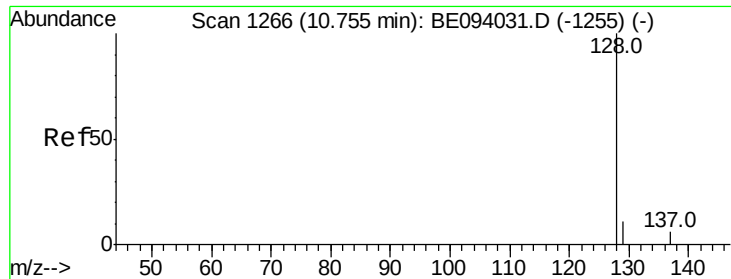
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\
Data File : BE094046.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.410

Quant Time: Sep 21 06:29:24 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# 1265

Delta R.T. -0.00 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

Instrument :

BNA_E

ClientSampleId :

SSTD0.410

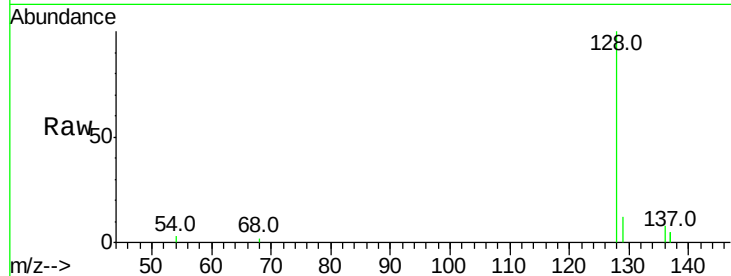
Tot Ion:128 Resp: 6205

Ion Ratio Lower Upper

128 100

129 12.4 11.3 16.9

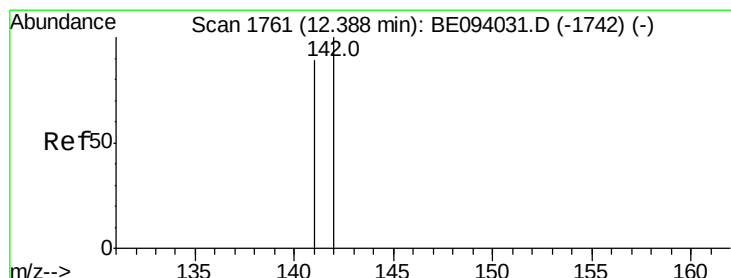
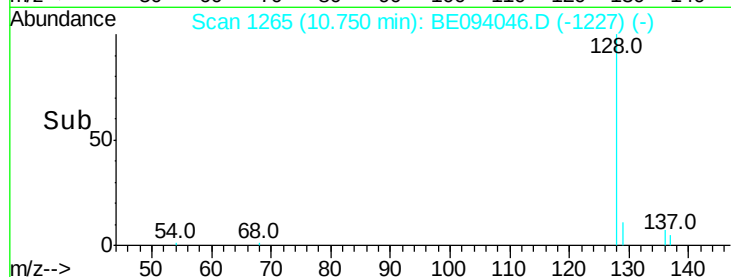
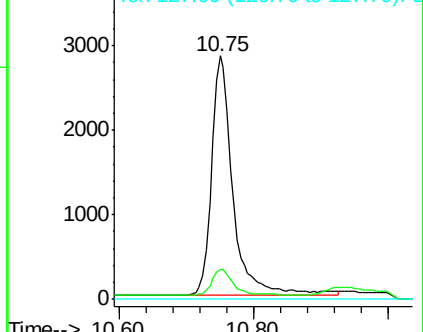
127 0.0 4.0 6.0#



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: 0.411 ng/ul

RT: 12.37 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BE094046.D

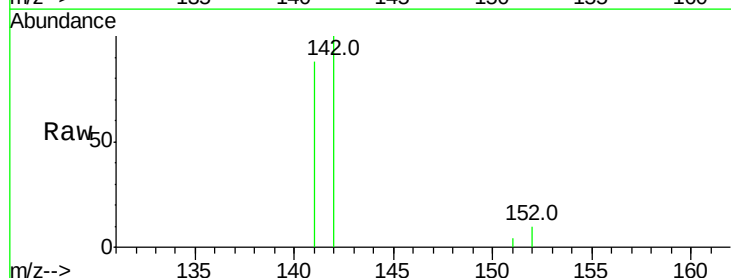
Acq: 20 Sep 2017 23:52

Tgt Ion:142 Resp: 4121

Ion Ratio Lower Upper

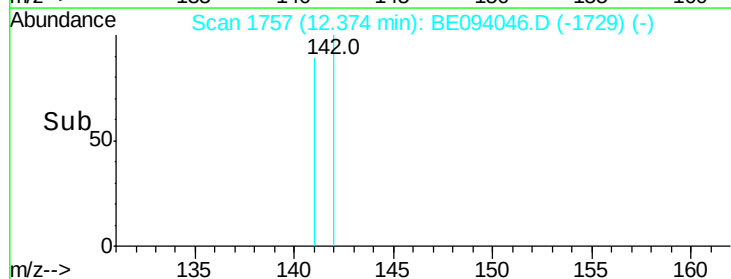
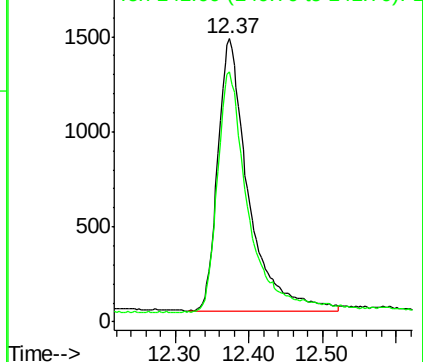
142 100

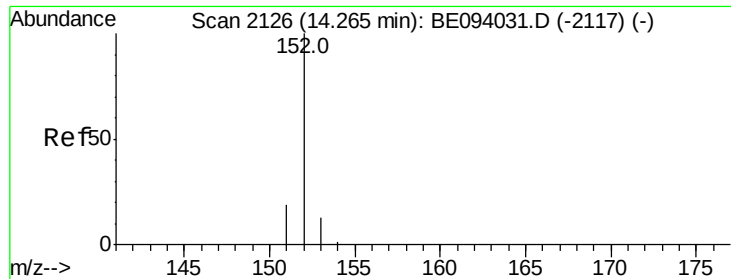
141 90.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.402 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

Instrument :

BNA_E

ClientSampleId :

SSTD0.410

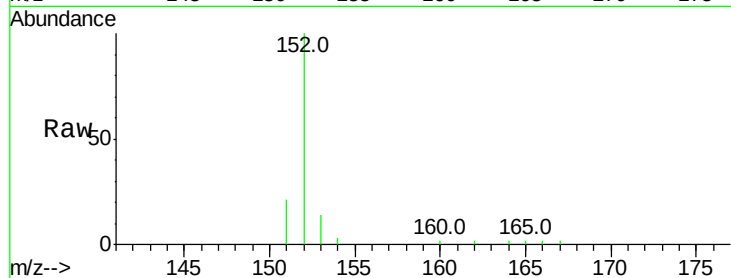
Tot Ion:152 Resp: 6126

Ion Ratio Lower Upper

152 100

151 21.1 17.1 25.7

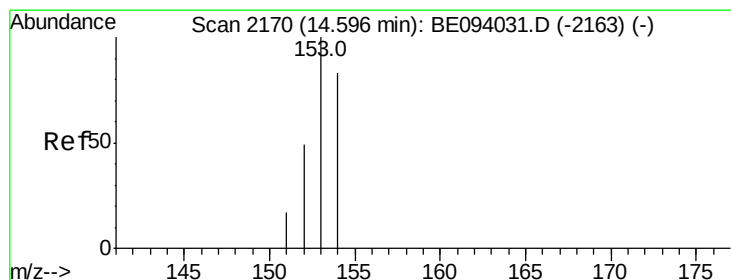
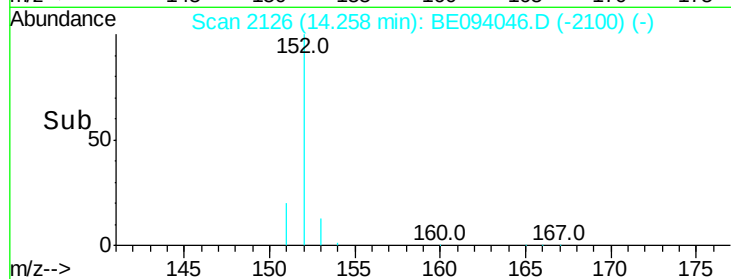
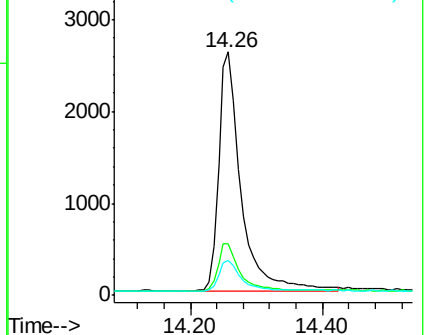
153 14.3 12.8 19.2



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: 0.398 ng/ul

RT: 14.60 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

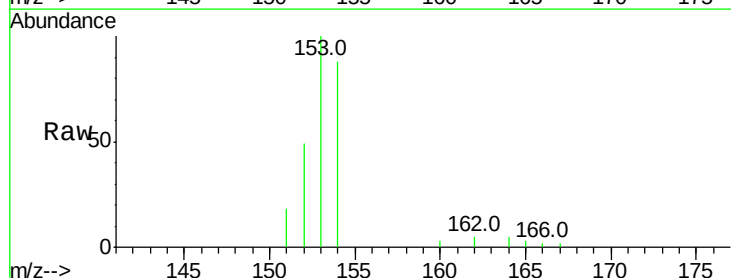
Tgt Ion:153 Resp: 4995

Ion Ratio Lower Upper

153 100

152 49.0 40.3 60.5

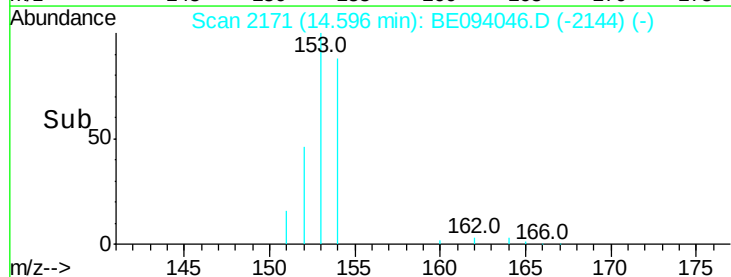
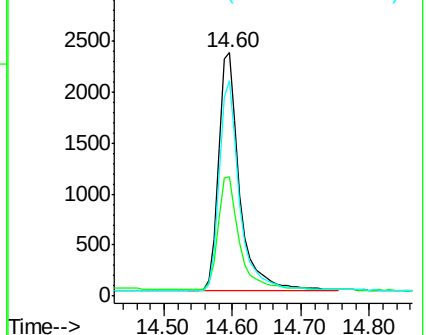
154 88.3 71.4 107.2

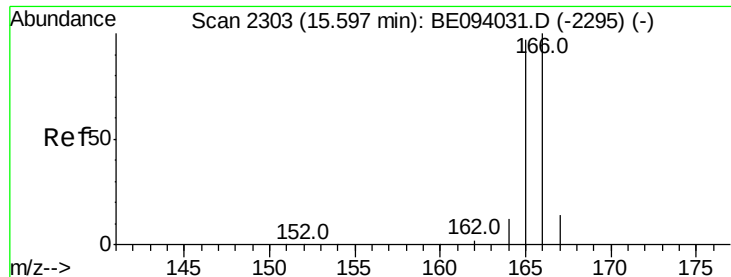


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.394 ng/ul

RT: 15.58 min Scan# 2302

Delta R.T. -0.02 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

Instrument :

BNA_E

ClientSampleId :

SSTD0.410

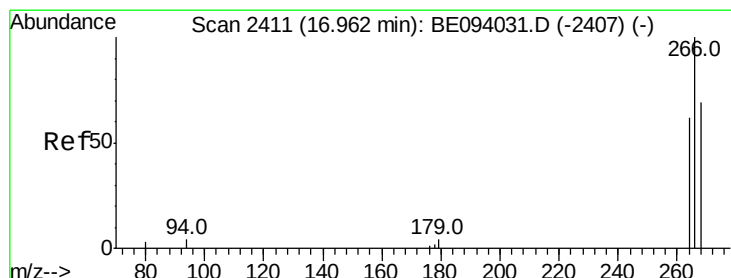
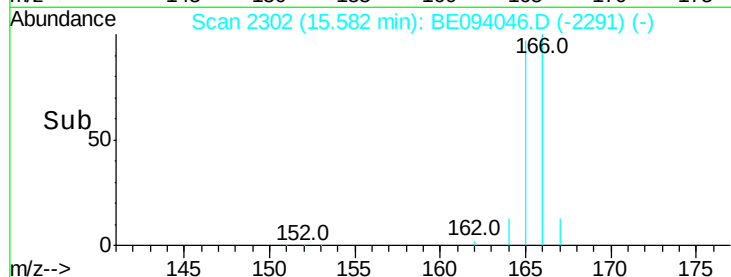
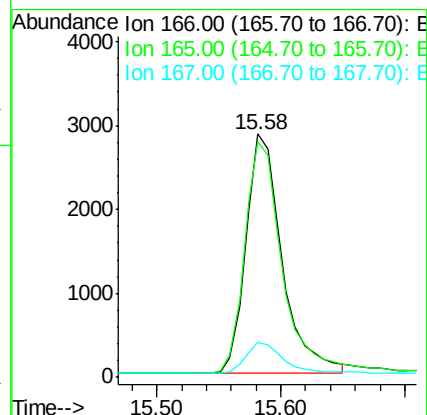
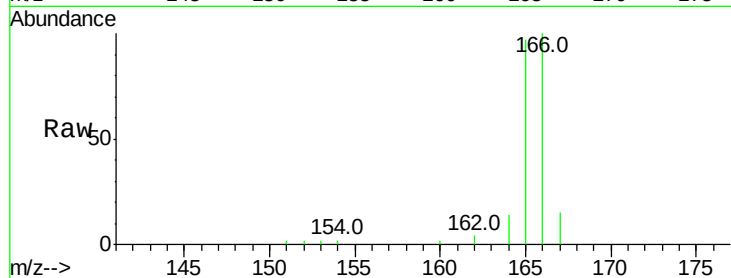
Tot Ion:166 Resp: 5791

Ion Ratio Lower Upper

166 100

165 96.8 73.4 110.2

167 14.5 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.323 ng/ul

RT: 16.96 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

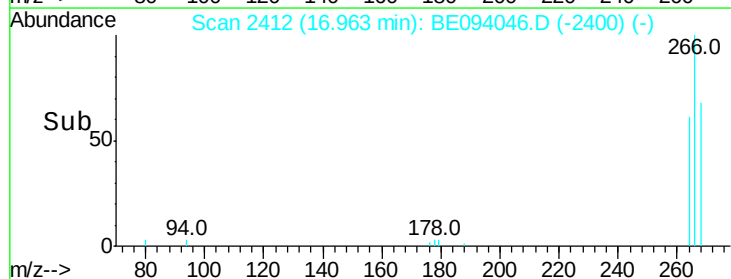
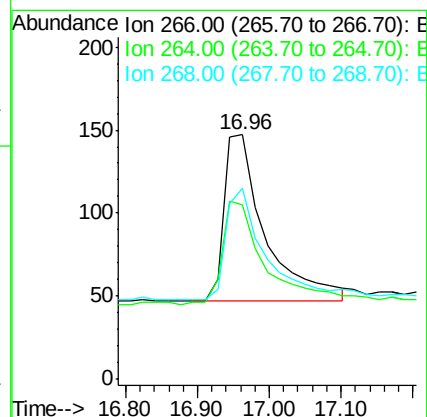
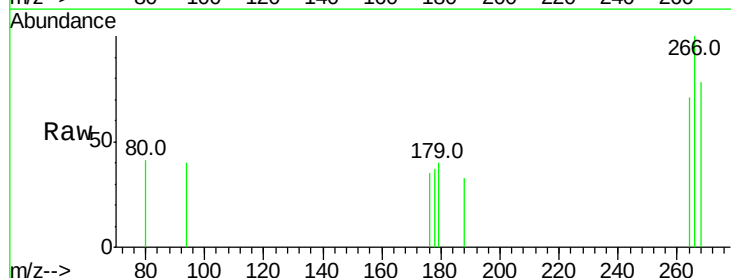
Tgt Ion:266 Resp: 397

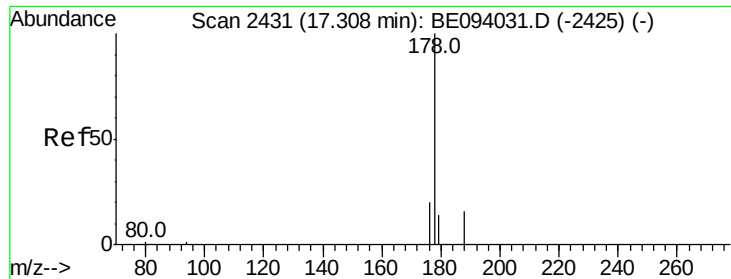
Ion Ratio Lower Upper

266 100

264 65.2 47.9 71.9

268 63.0 49.8 74.8





#12

Phenanthrene

Concen: 0.392 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

Instrument :

BNA_E

ClientSampleId :

SSTD0.410

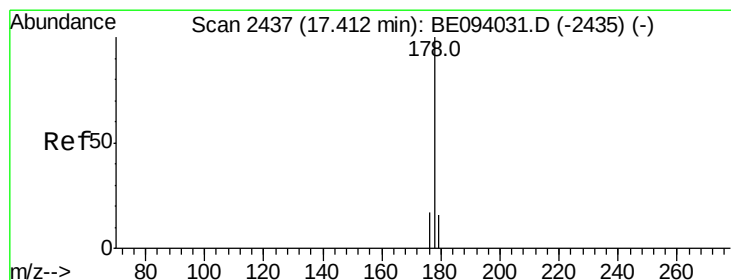
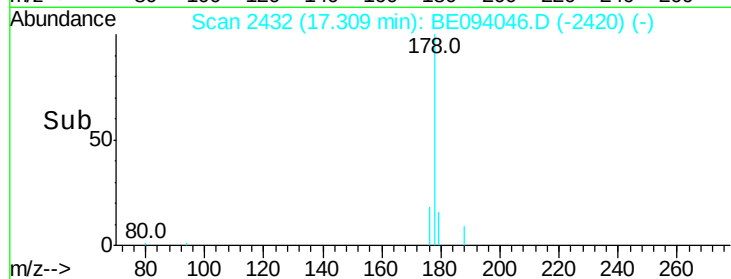
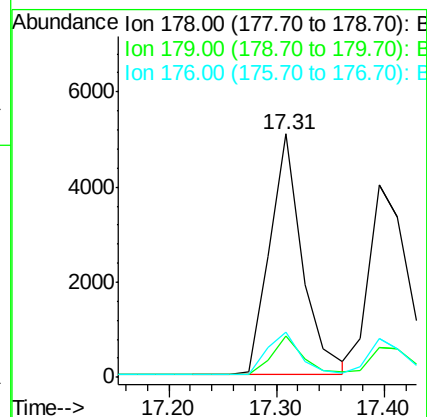
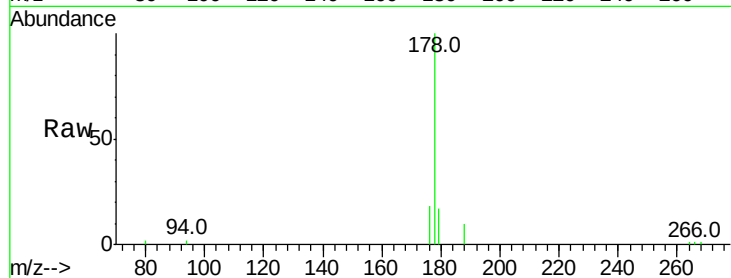
Tot Ion:178 Resp: 10744

Ion Ratio Lower Upper

178 100

179 16.8 18.4 27.6#

176 18.4 13.6 20.4



#13

Anthracene

Concen: 0.393 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. -0.02 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

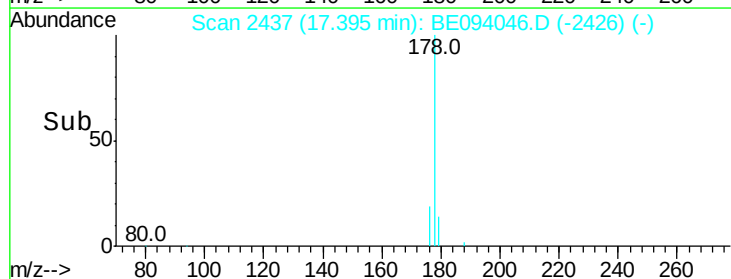
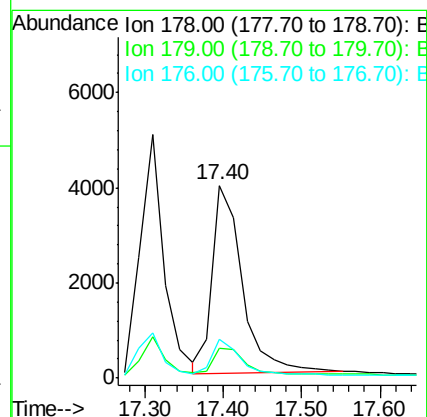
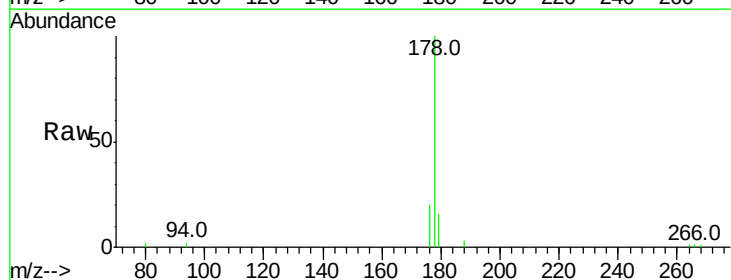
Tgt Ion:178 Resp: 10458

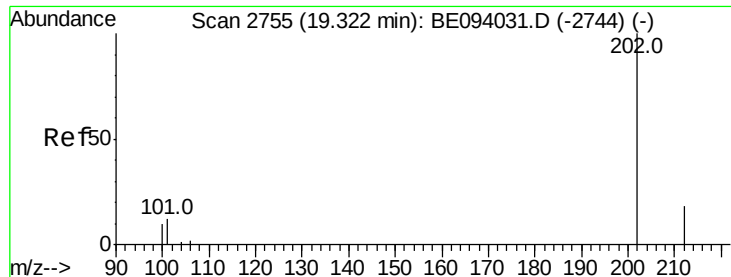
Ion Ratio Lower Upper

178 100

179 15.8 18.1 27.1#

176 20.2 14.7 22.1





#15

Fluoranthene

Concen: 0.383 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

Instrument :

BNA_E

ClientSampleId :

SSTD0.410

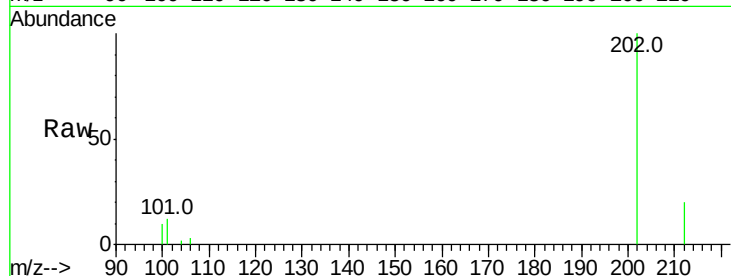
Tot Ion:202 Resp: 13769

Ion Ratio Lower Upper

202 100

101 12.1 0.0 30.3

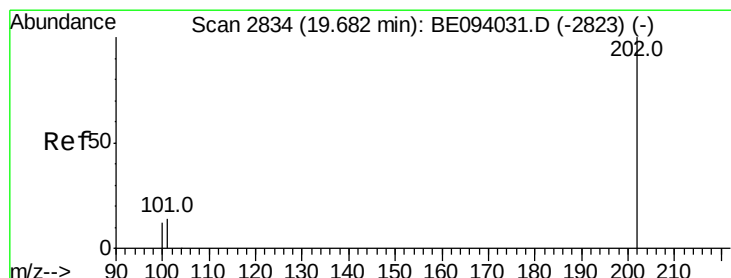
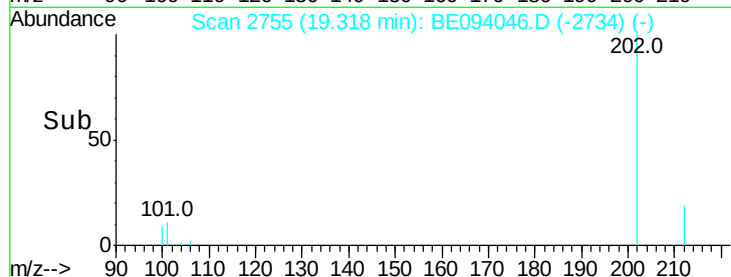
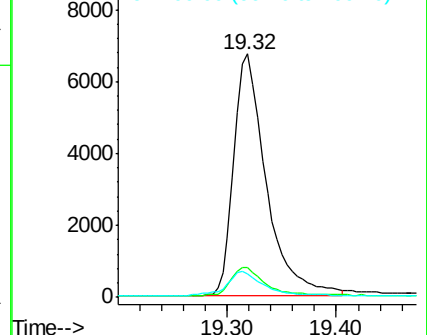
100 9.8 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.416 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

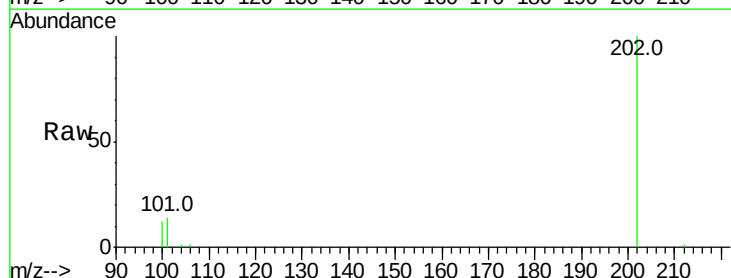
Tgt Ion:202 Resp: 14807

Ion Ratio Lower Upper

202 100

101 14.3 18.2 27.4#

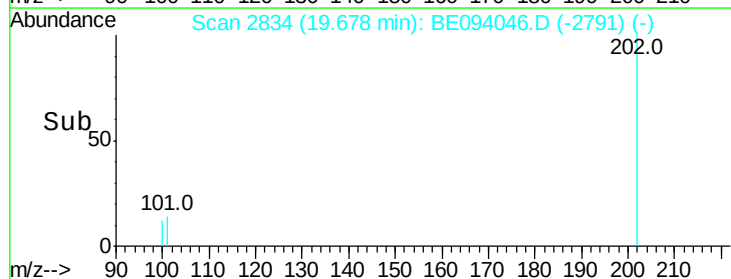
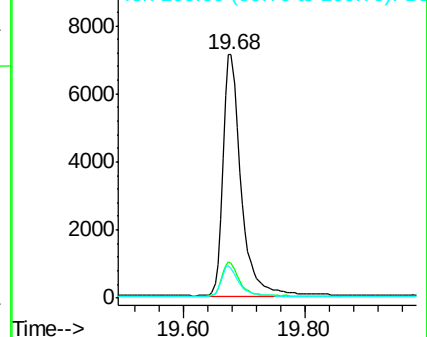
100 12.2 15.6 23.4#

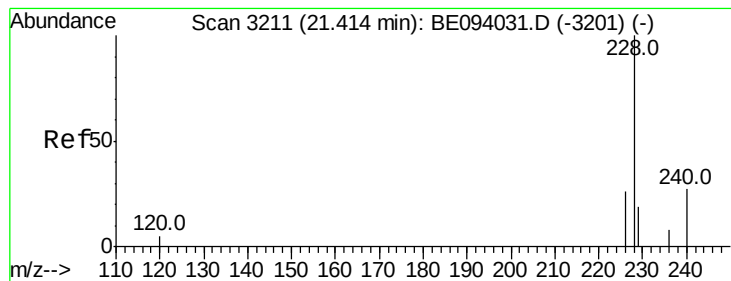


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.401 ng/ul

RT: 21.41 min Scan# 3210

Delta R.T. -0.01 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

Instrument :

BNA_E

ClientSampleId :

SSTD0.410

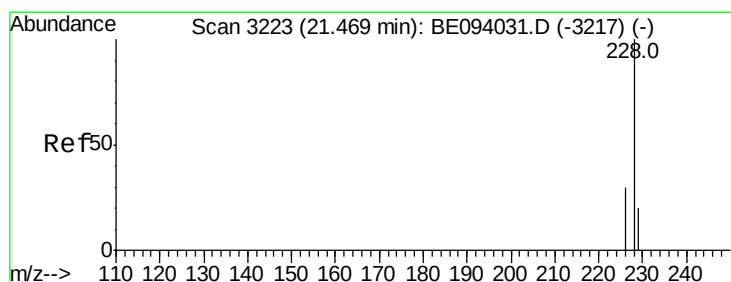
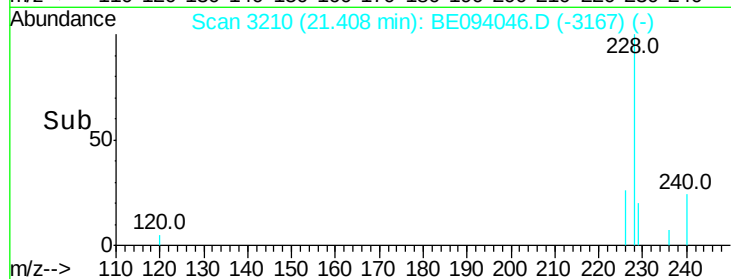
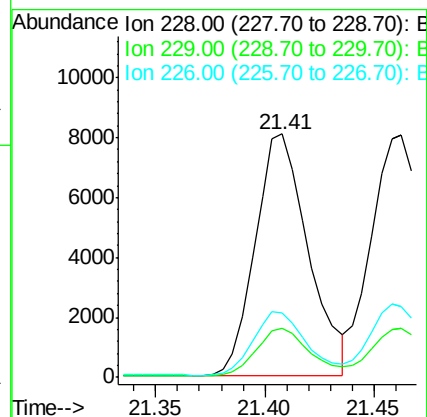
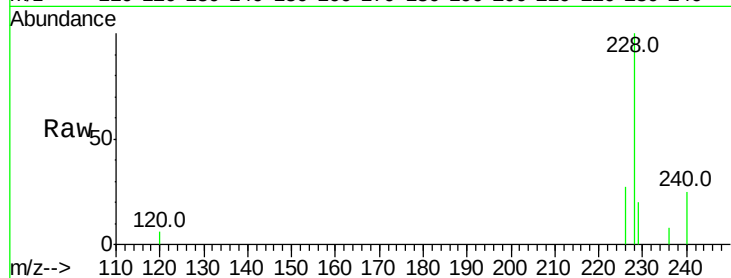
Tot Ion:228 Resp: 13602

Ion Ratio Lower Upper

228 100

229 20.3 22.8 34.2#

226 26.6 17.0 25.6#



#19

Chrysene

Concen: 0.404 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

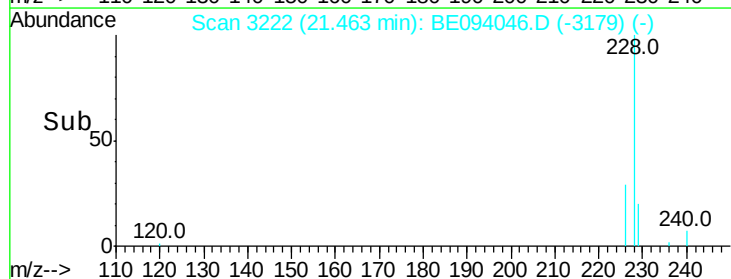
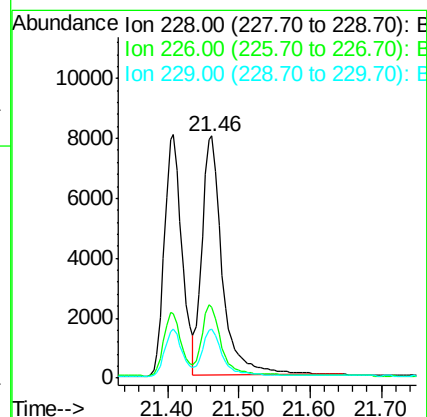
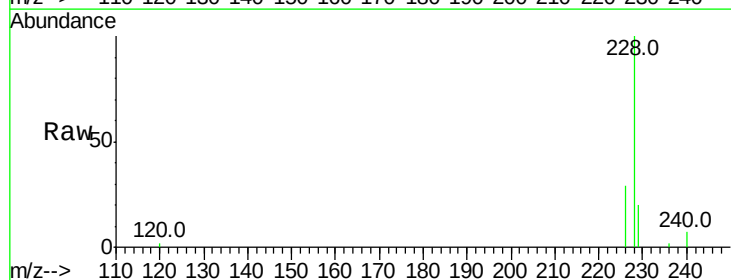
Tgt Ion:228 Resp: 15840

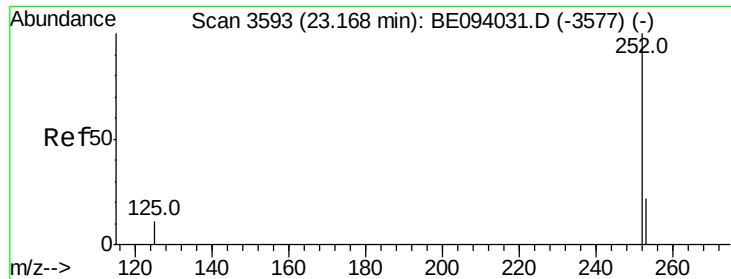
Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.0

229 20.5 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.384 ng/ul

RT: 23.16 min Scan# 3591

Delta R.T. -0.01 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

Instrument :

BNA_E

ClientSampleId :

SSTD0.410

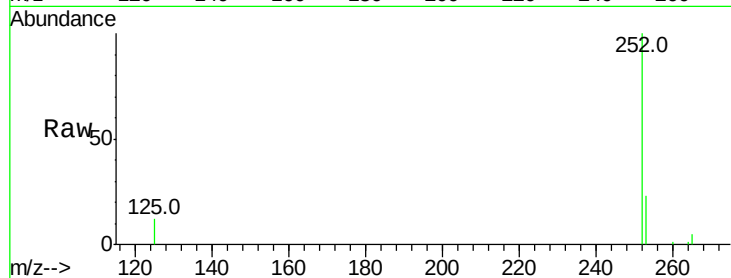
Tot Ion:252 Resp: 12536

Ion Ratio Lower Upper

252 100

253 23.5 0.0 64.2

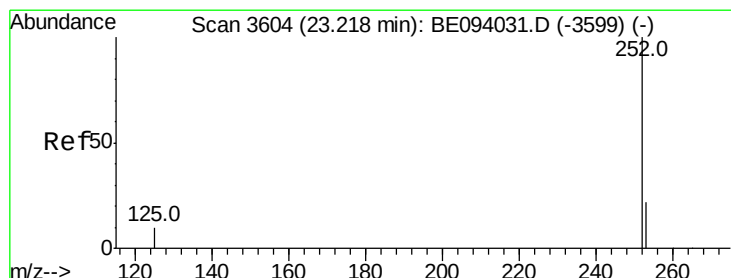
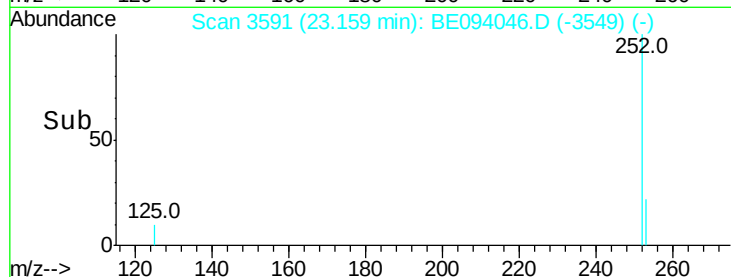
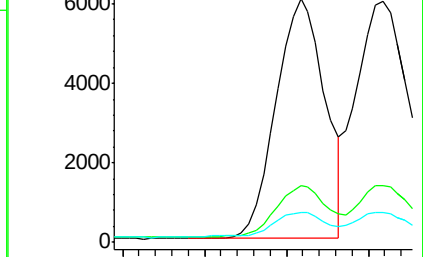
125 12.3 0.0 35.0



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: 0.393 ng/ul

RT: 23.21 min Scan# 3602

Delta R.T. -0.01 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

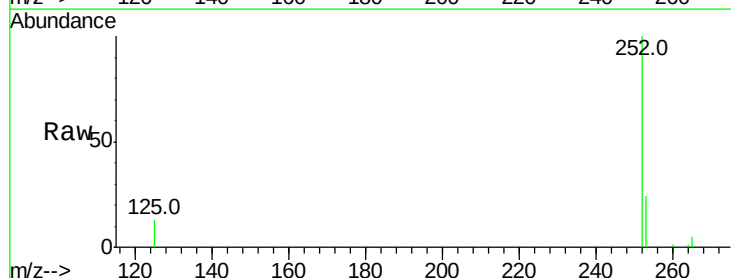
Tgt Ion:252 Resp: 14852

Ion Ratio Lower Upper

252 100

253 23.6 24.5 36.7#

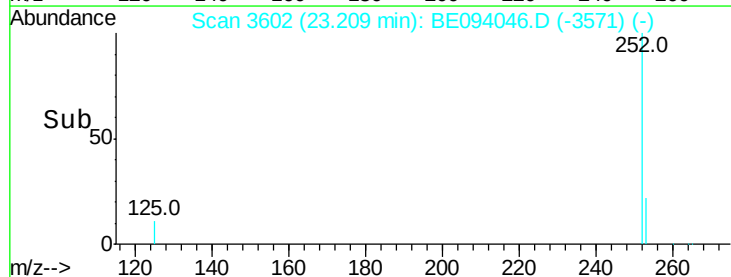
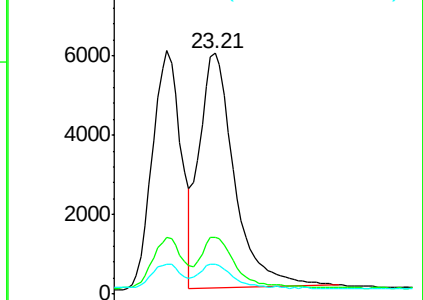
125 12.6 13.7 20.5#

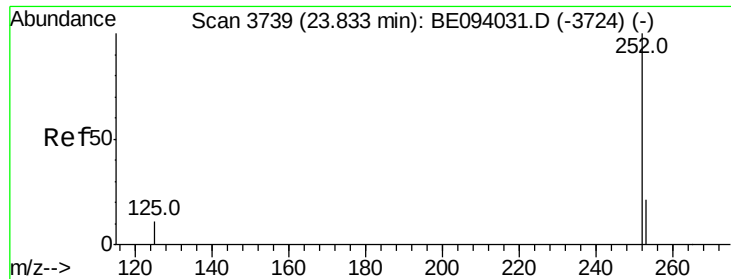


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.393 ng/ul

RT: 23.82 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

Instrument :

BNA_E

ClientSampleId :

SSTD0.410

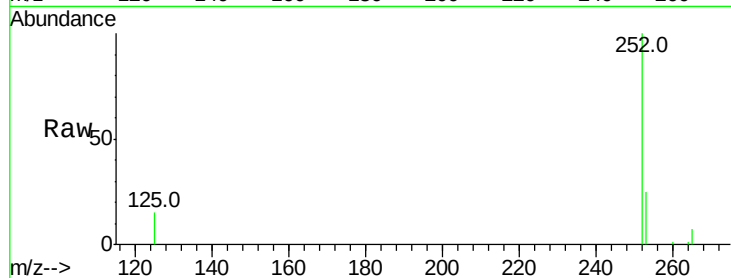
Tot Ion:252 Resp: 13360

Ion Ratio Lower Upper

252 100

253 25.2 28.5 42.7#

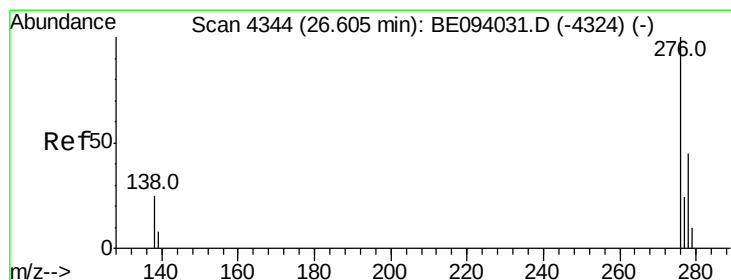
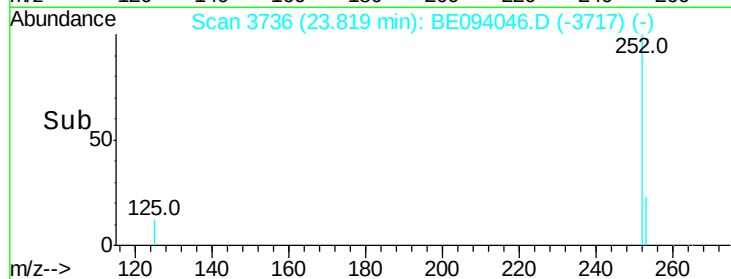
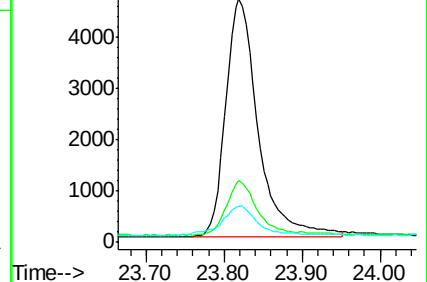
125 14.6 18.1 27.1#



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: 0.405 ng/ul

RT: 26.60 min Scan# 4342

Delta R.T. -0.01 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

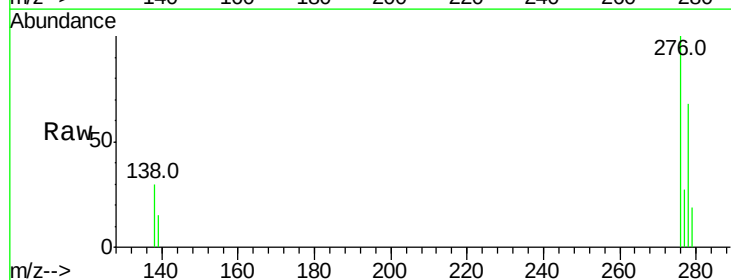
Tgt Ion:276 Resp: 14072

Ion Ratio Lower Upper

276 100

138 27.3 28.0 42.0#

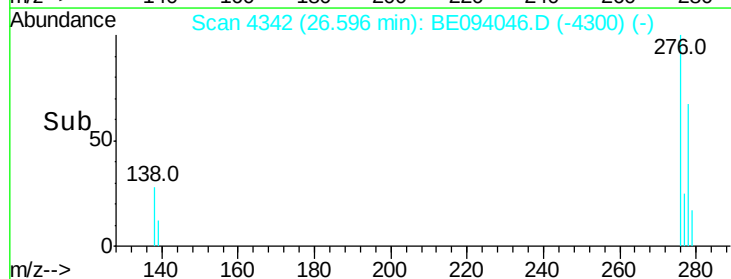
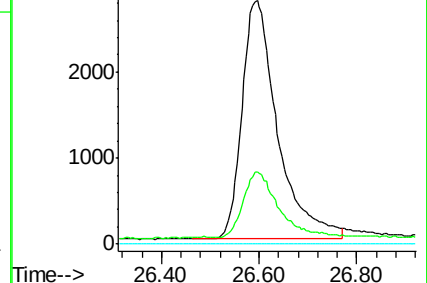
227 0.0 8.0 12.0#

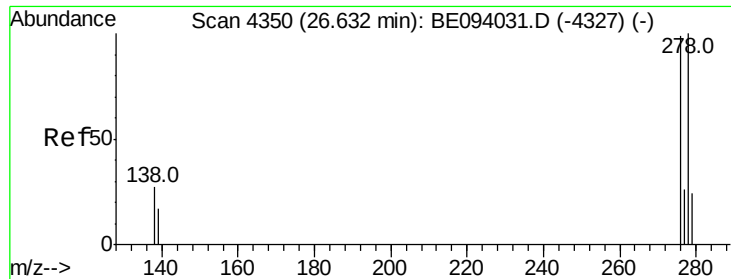


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.405 ng/uL

RT: 26.61 min Scan# 4346

Delta R.T. -0.02 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

Instrument :

BNA_E

ClientSampleId :

SSTD0.410

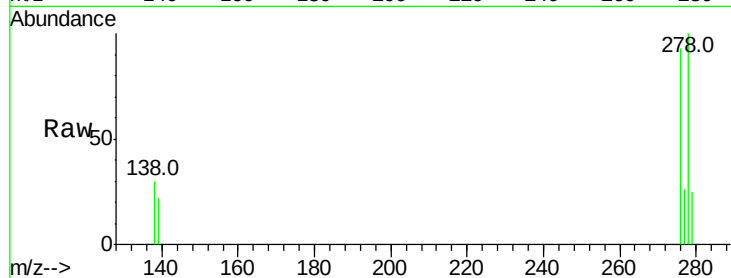
Tot Ion:278 Resp: 11800

Ion Ratio Lower Upper

278 100

139 21.5 17.4 26.0

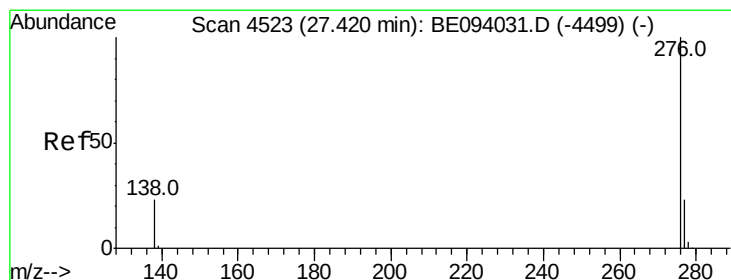
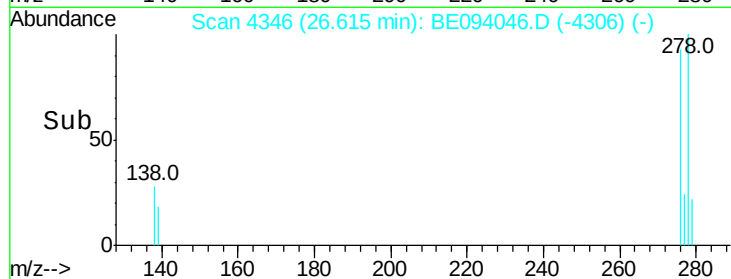
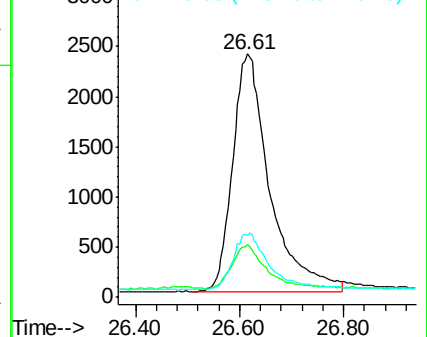
279 25.2 25.9 38.9#



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(g,h,i)perylene

Concen: 0.402 ng/uL

RT: 27.41 min Scan# 4520

Delta R.T. -0.01 min

Lab File: BE094046.D

Acq: 20 Sep 2017 23:52

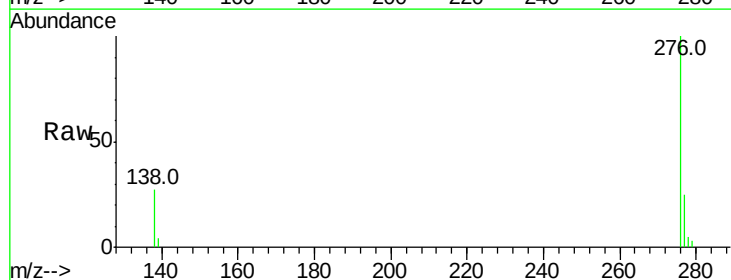
Tgt Ion:276 Resp: 12056

Ion Ratio Lower Upper

276 100

138 26.5 21.8 32.8

277 24.7 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

