

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
 Data File : BE094523.D
 Acq On : 24 Oct 2017 20:20
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SICV53

Quant Time: Oct 24 22:42:52 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 24 20:21:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1130	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	6389	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3778	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8336	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	8612	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	8380	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	4188	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	9983	0.40	ng/ul	0.00

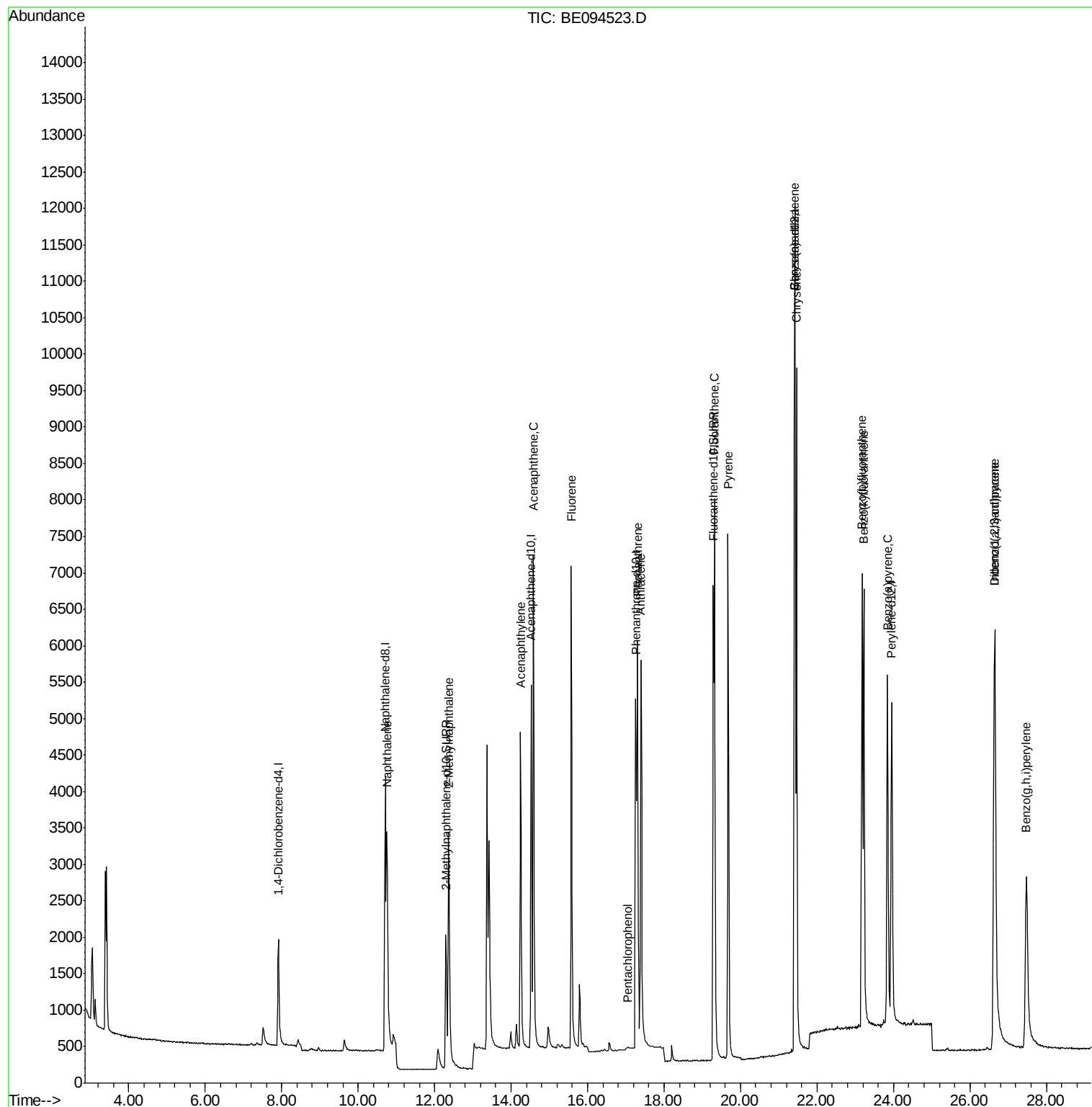
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.75	128	6282	0.40	ng/ul#	93
5) 2-Methylnaphthalene	12.37	142	4410	0.40	ng/ul	100
7) Acenaphthylene	14.25	152	6849	0.40	ng/ul	97
8) Acenaphthene	14.58	153	4932	0.40	ng/ul	98
9) Fluorene	15.57	166	5534	0.40	ng/ul	90
11) Pentachlorophenol	17.05	266	132	0.32	ng/ul#	61
12) Phenanthrene	17.31	178	8998	0.41	ng/ul#	92
13) Anthracene	17.40	178	8825	0.41	ng/ul#	91
15) Fluoranthene	19.32	202	10281	0.40	ng/ul	84
17) Pyrene	19.68	202	10793	0.41	ng/ul#	85
18) Benzo(a)anthracene	21.41	228	10039	0.41	ng/ul#	86
19) Chrysene	21.46	228	10288	0.40	ng/ul	98
21) Benzo(b)fluoranthene	23.18	252	9583	0.41	ng/ul	87
22) Benzo(k)fluoranthene	23.22	252	10117	0.40	ng/ul#	90
23) Benzo(a)pyrene	23.84	252	9537	0.40	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.64	276	9718	0.40	ng/ul#	84
25) Dibenzo(a,h)anthracene	26.65	278	8194	0.40	ng/ul	94
26) Benzo(g,h,i)perylene	27.48	276	7802	0.40	ng/ul	99

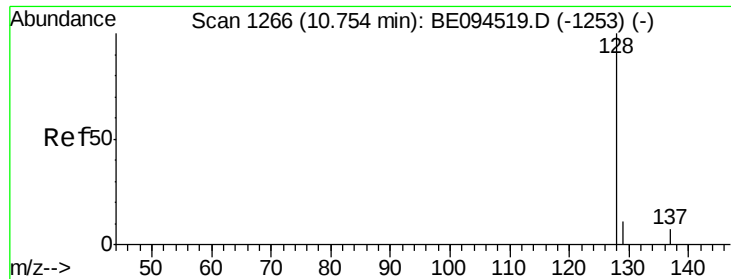
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.40 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

Instrument :

BNA_E

ClientSampleId :

SICV53

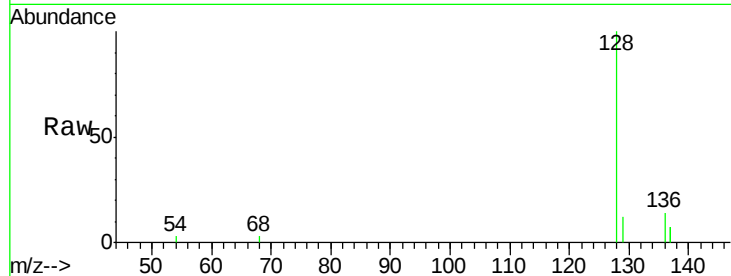
Tot Ion:128 Resp: 6282

Ion Ratio Lower Upper

128 100

129 12.3 11.3 16.9

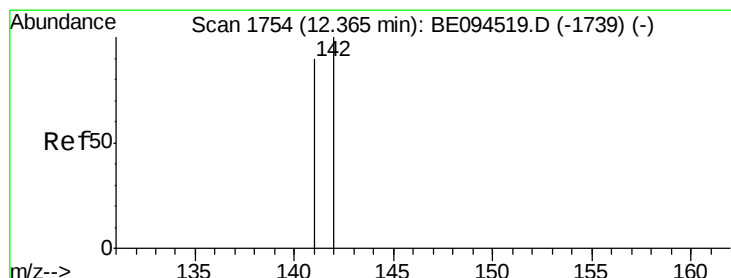
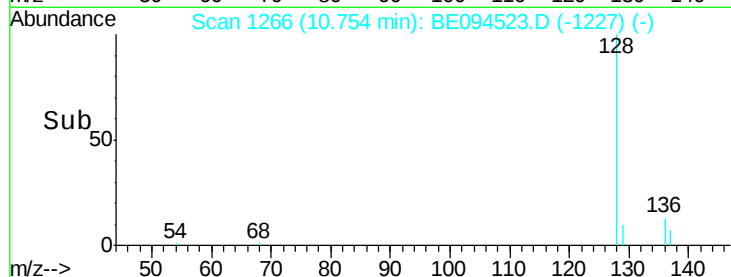
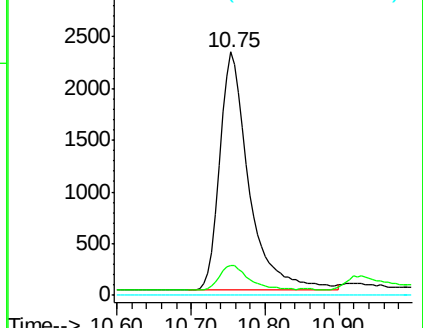
127 0.0 4.0 6.0#



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: 0.40 ng/ul

RT: 12.37 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BE094523.D

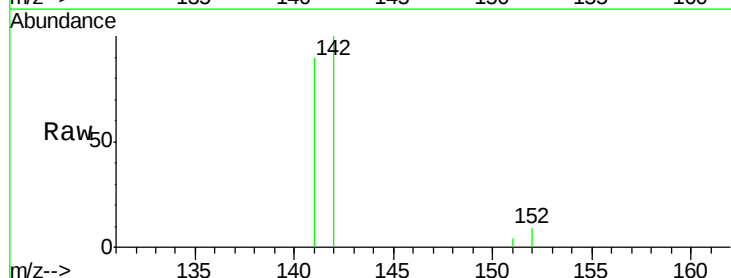
Acq: 24 Oct 2017 20:20

Tgt Ion:142 Resp: 4410

Ion Ratio Lower Upper

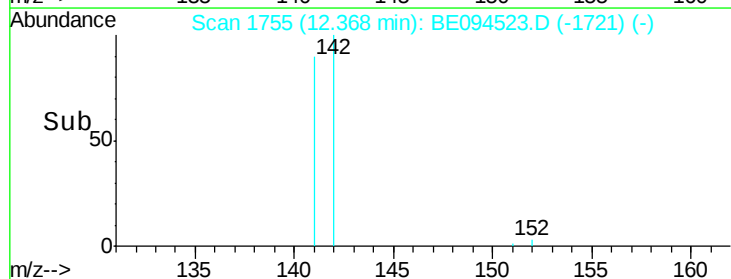
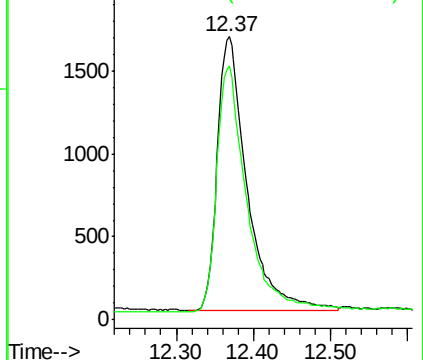
142 100

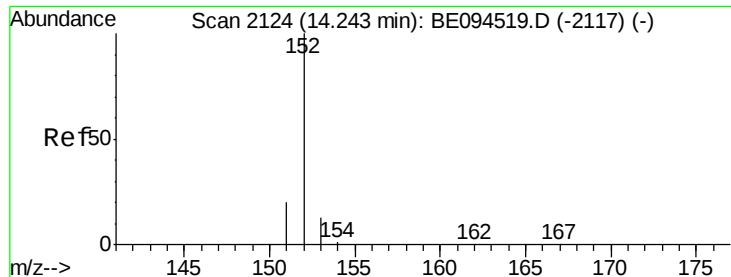
141 90.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

Instrument :

BNA_E

ClientSampleId :

SICV53

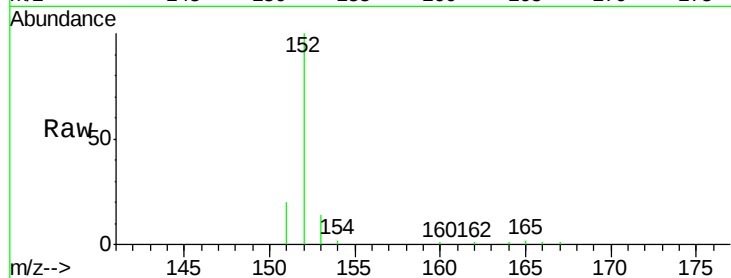
Tot Ion:152 Resp: 6849

Ion Ratio Lower Upper

152 100

151 20.3 17.1 25.7

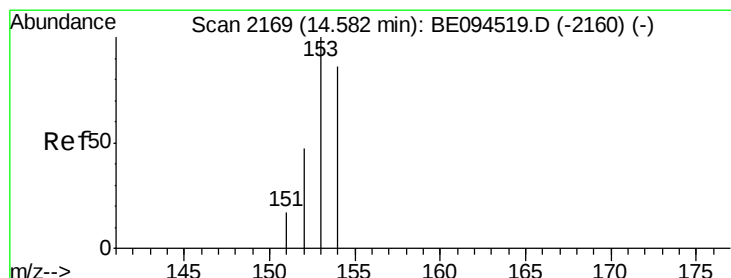
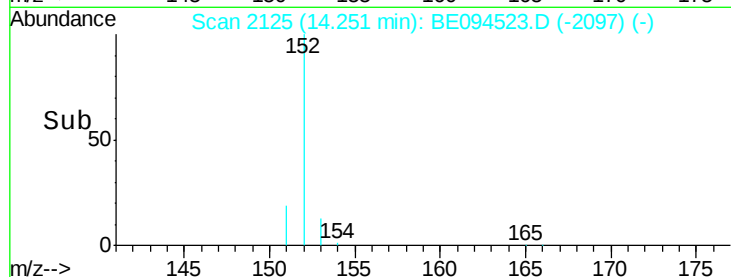
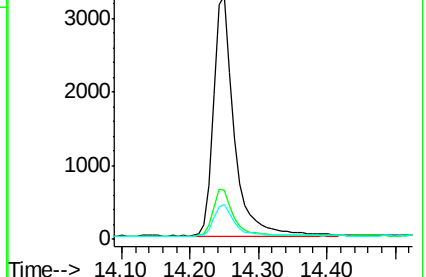
153 14.3 12.8 19.2



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: 0.40 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

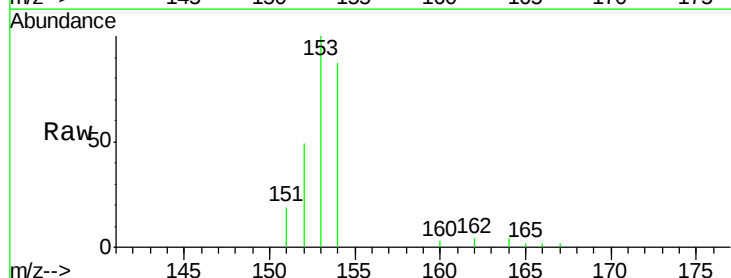
Tgt Ion:153 Resp: 4932

Ion Ratio Lower Upper

153 100

152 48.9 40.3 60.5

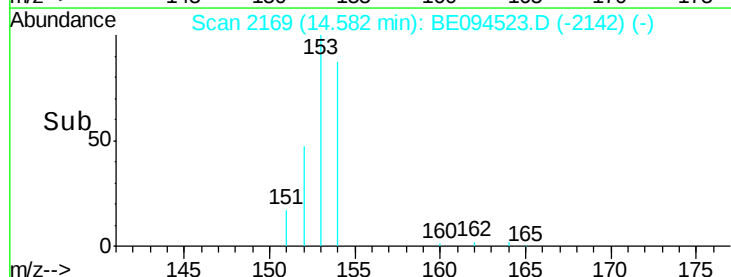
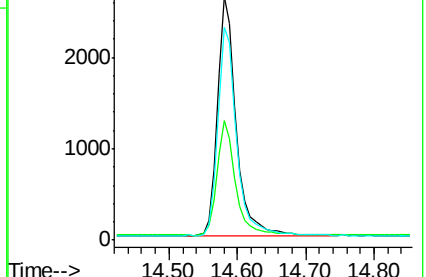
154 87.4 71.4 107.2

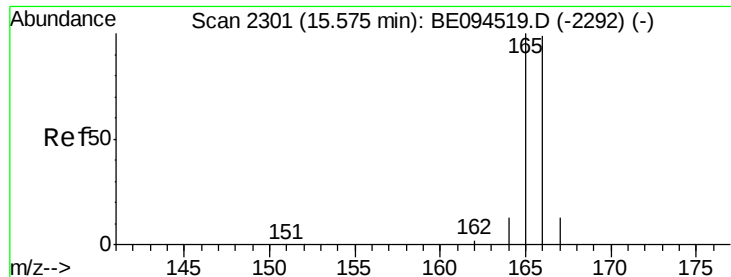


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.40 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

Instrument :

BNA_E

ClientSampleId :

SICV53

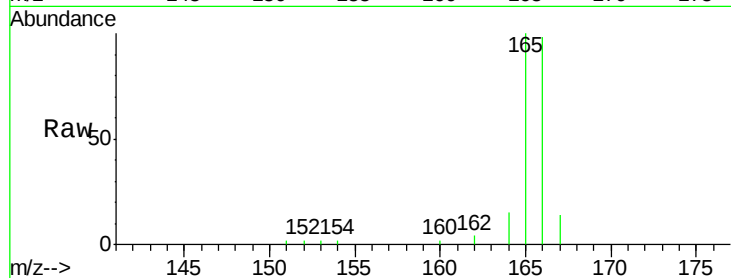
Tot Ion:166 Resp: 5534

Ion Ratio Lower Upper

166 100

165 102.0 73.4 110.2

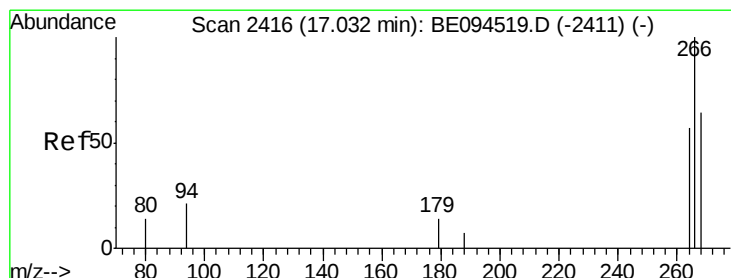
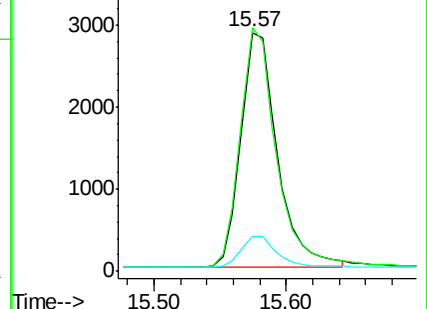
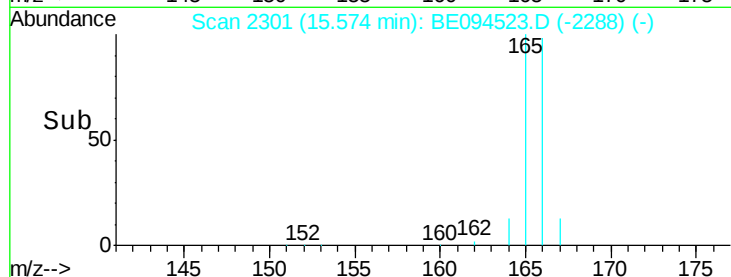
167 14.8 14.6 22.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.32 ng/ul

RT: 17.05 min Scan# 2417

Delta R.T. 0.02 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

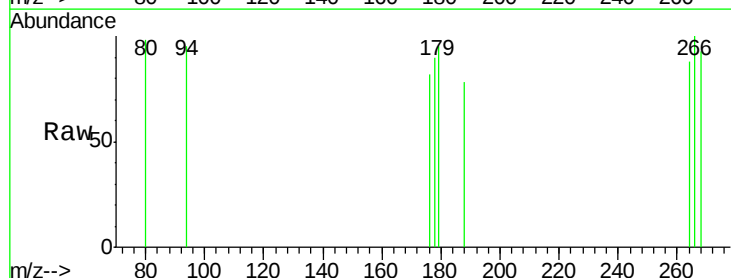
Tgt Ion:266 Resp: 132

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

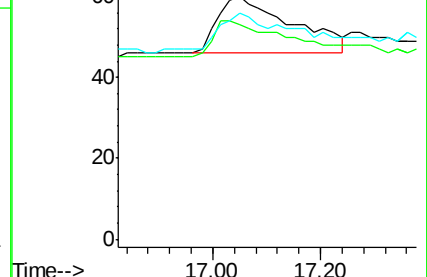
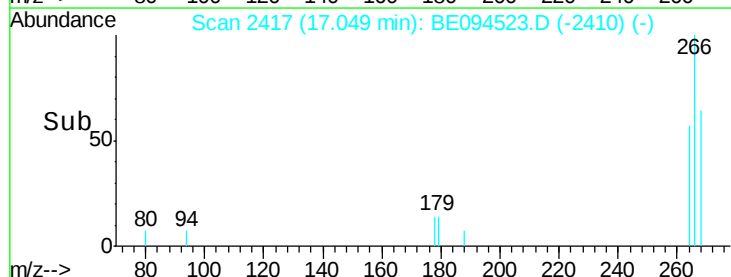
268 61.4 49.8 74.8

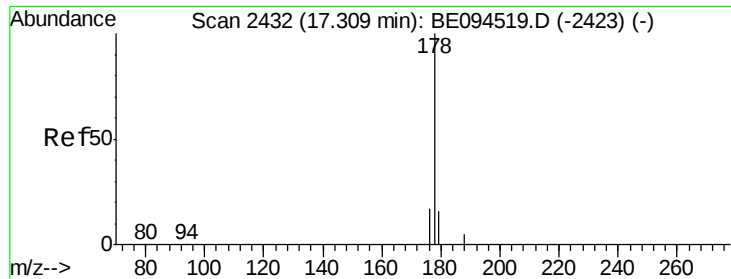


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.41 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

Instrument :

BNA_E

ClientSampleId :

SICV53

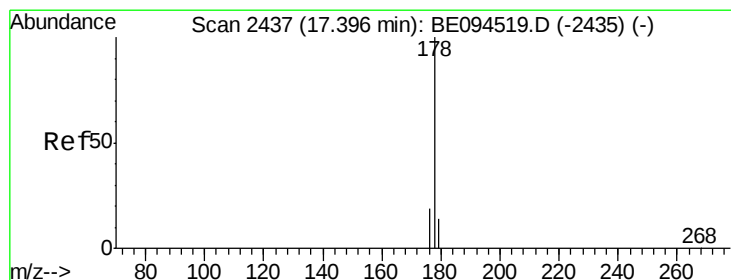
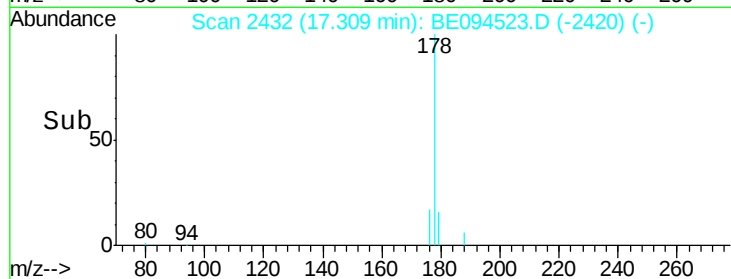
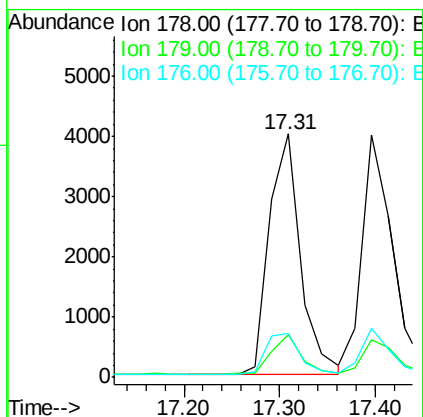
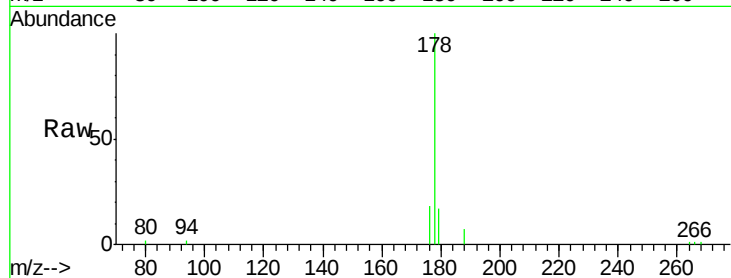
Tot Ion:178 Resp: 8998

Ion Ratio Lower Upper

178 100

179 17.4 18.4 27.6#

176 18.2 13.6 20.4



#13

Anthracene

Concen: 0.41 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

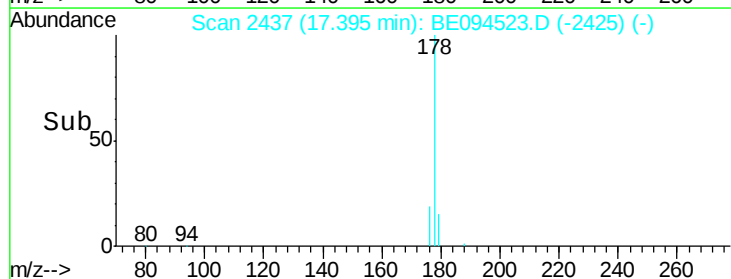
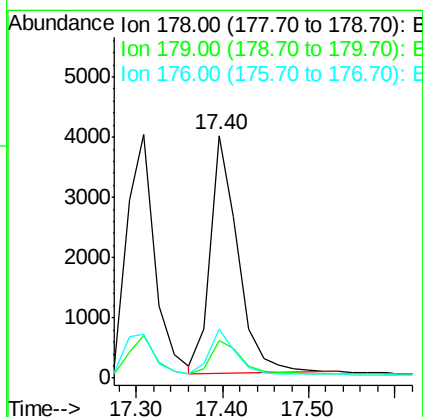
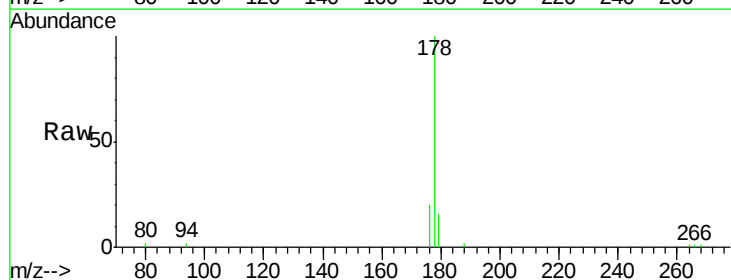
Tgt Ion:178 Resp: 8825

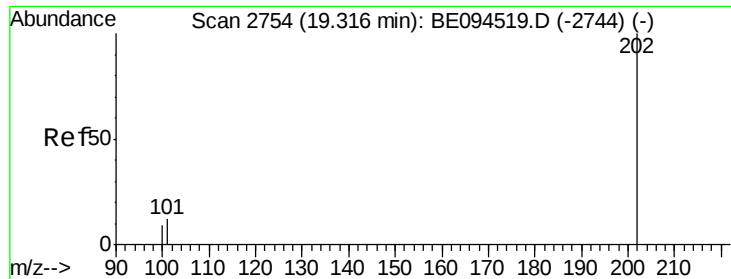
Ion Ratio Lower Upper

178 100

179 15.8 18.1 27.1#

176 20.0 14.7 22.1





#15

Fluoranthene

Concen: 0.40 ng/ul

RT: 19.32 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

Instrument :

BNA_E

ClientSampleId :

SICV53

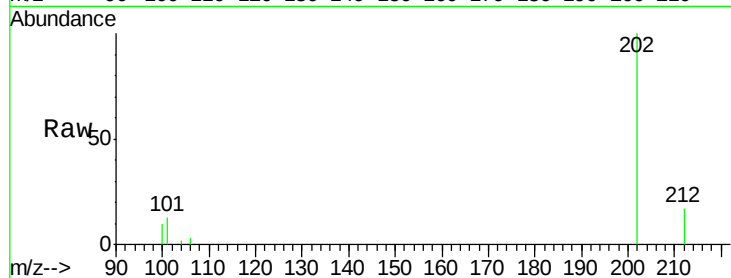
Tot Ion:202 Resp: 10281

Ion Ratio Lower Upper

202 100

101 13.5 0.0 30.3

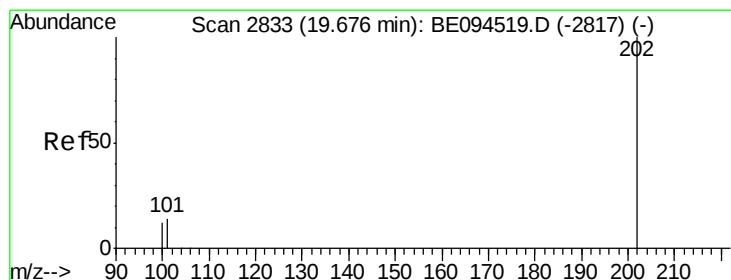
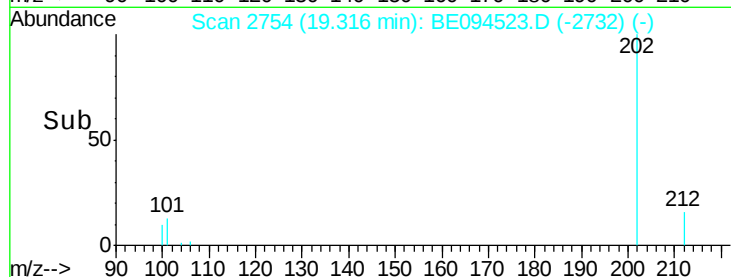
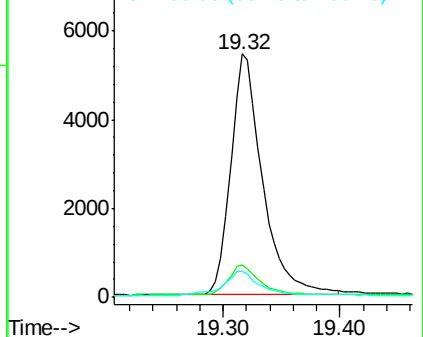
100 10.5 0.0 39.5



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: 0.41 ng/ul

RT: 19.68 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

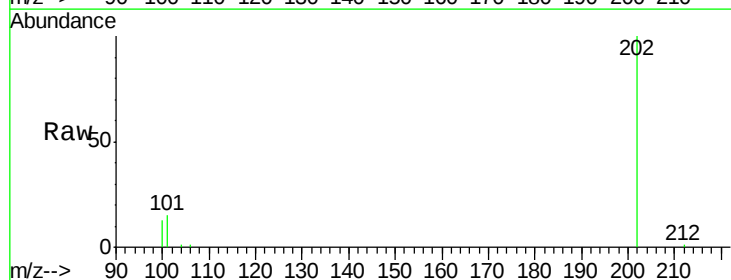
Tgt Ion:202 Resp: 10793

Ion Ratio Lower Upper

202 100

101 15.4 18.2 27.4#

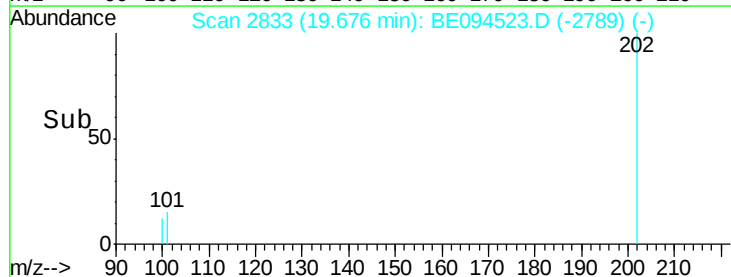
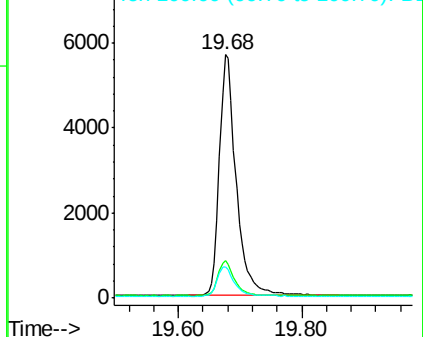
100 13.0 15.6 23.4#

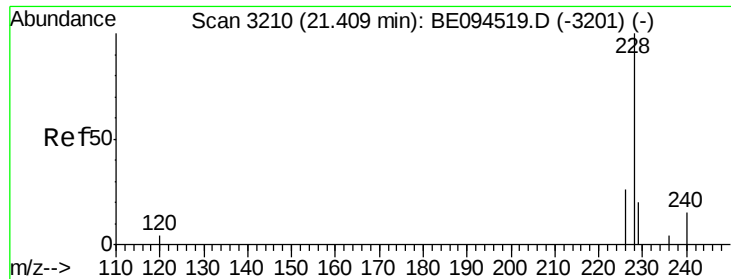


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.41 ng/ul

RT: 21.41 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

Instrument :

BNA_E

ClientSampleId :

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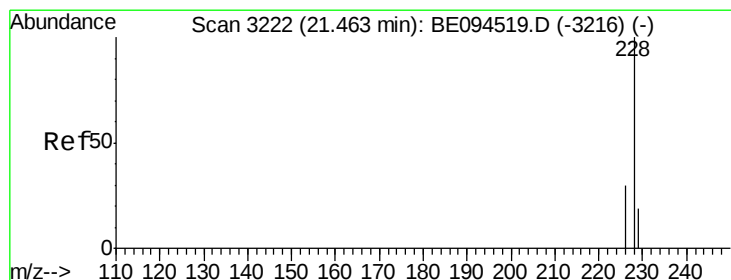
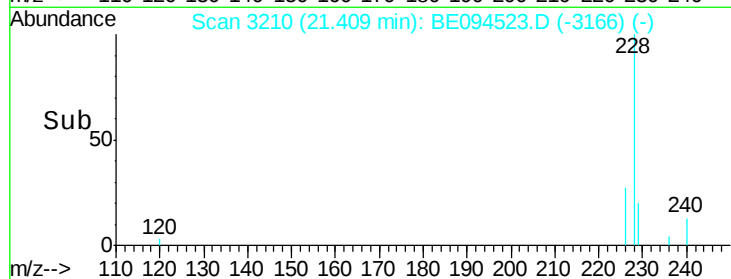
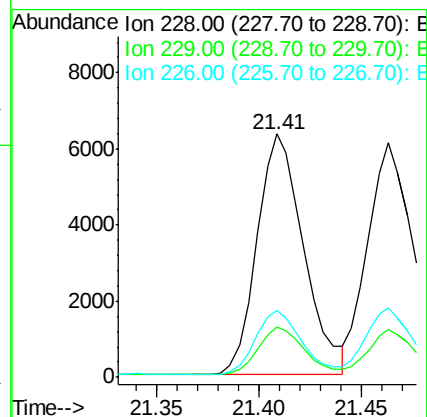
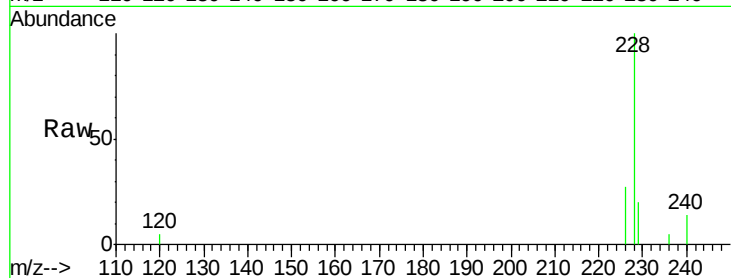
Tot Ion:228 Resp: 10039

Ion Ratio Lower Upper

228 100

229 20.5 22.8 34.2#

226 27.3 17.0 25.6#



#19

Chrysene

Concen: 0.40 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

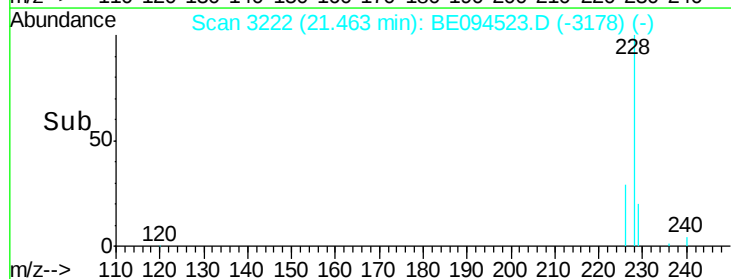
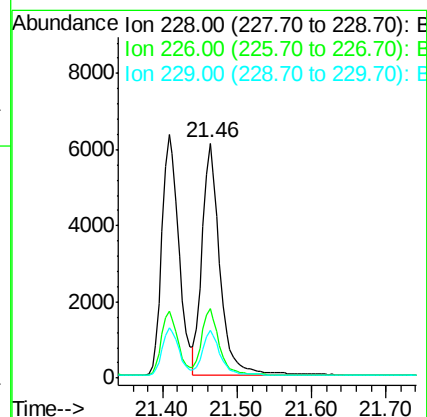
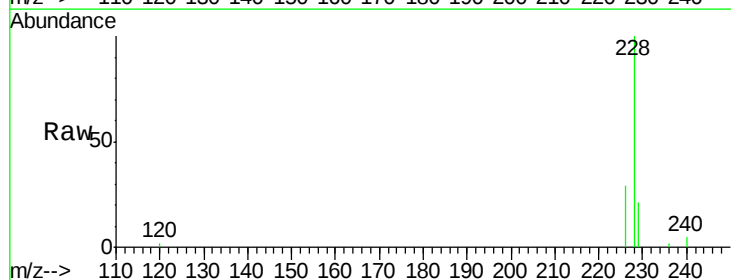
Tgt Ion:228 Resp: 10288

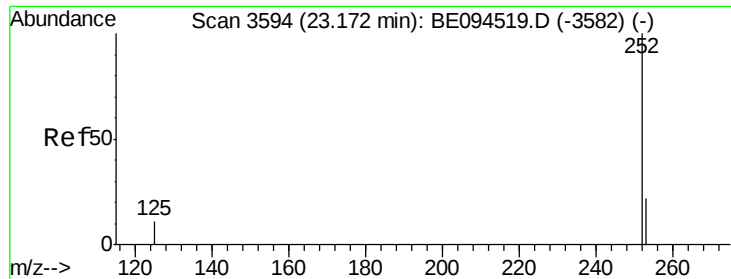
Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.0

229 20.5 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.41 ng/ul

RT: 23.18 min Scan# 3595

Delta R.T. 0.00 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

Instrument :

BNA_E

ClientSampleId :

SICV53

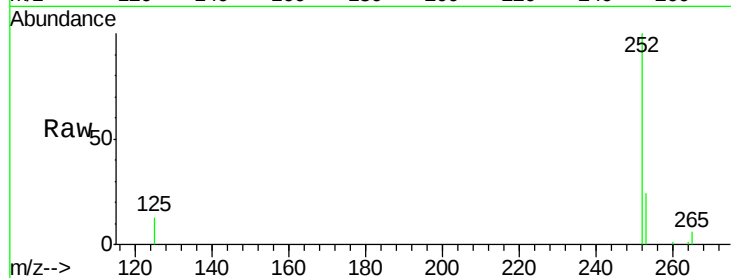
Tot Ion:252 Resp: 9583

Ion Ratio Lower Upper

252 100

253 23.8 0.0 64.2

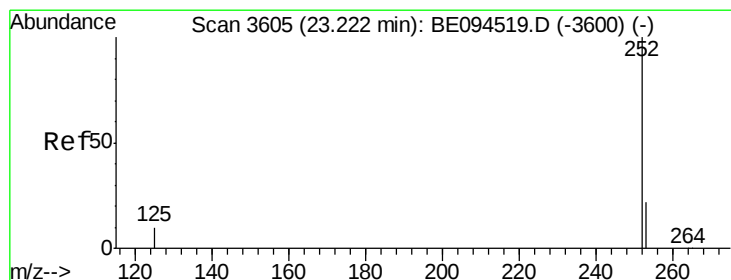
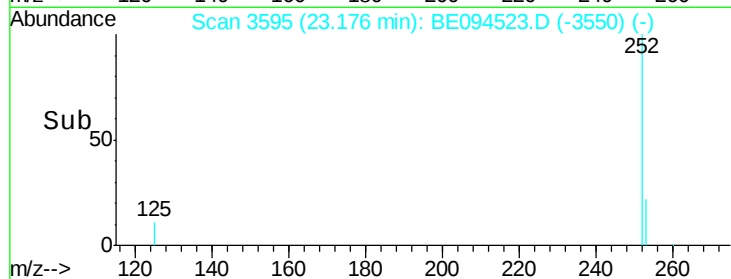
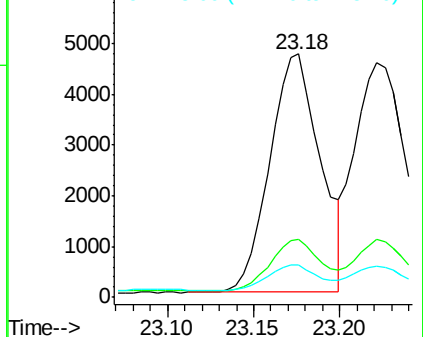
125 13.3 0.0 35.0



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: 0.40 ng/ul

RT: 23.22 min Scan# 3605

Delta R.T. -0.00 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

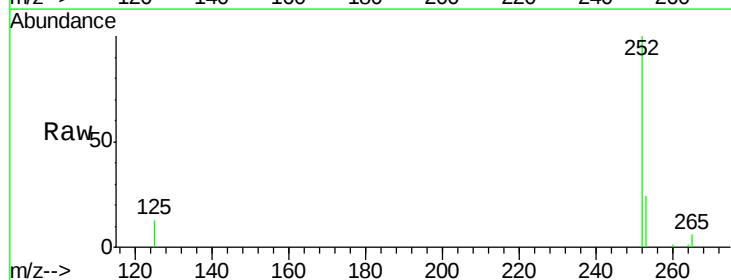
Tgt Ion:252 Resp: 10117

Ion Ratio Lower Upper

252 100

253 24.4 24.5 36.7#

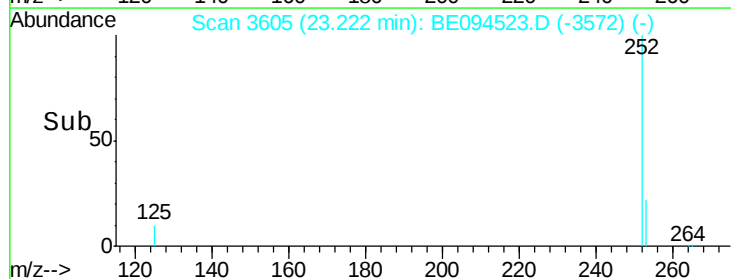
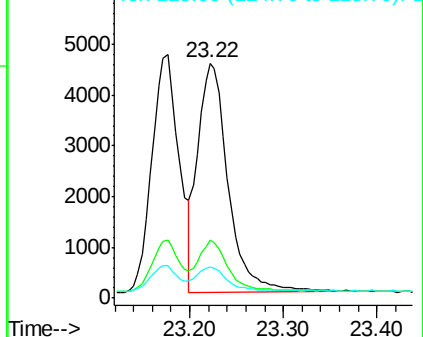
125 13.2 13.7 20.5#

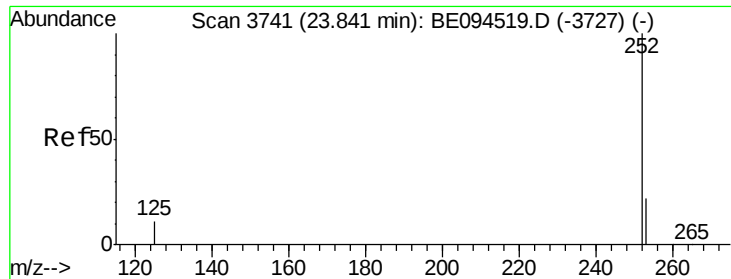


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.40 ng/ul

RT: 23.84 min Scan# 3741

Delta R.T. -0.00 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

Instrument :

BNA_E

ClientSampleId :

SICV53

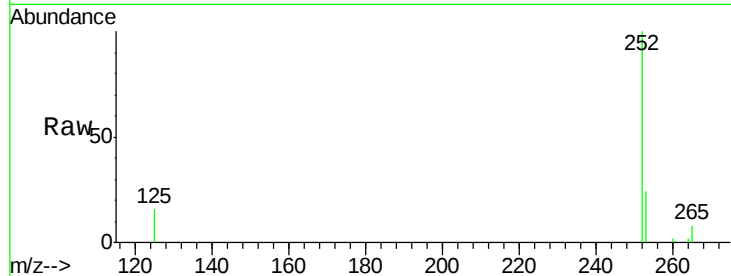
Tot Ion:252 Resp: 9537

Ion Ratio Lower Upper

252 100

253 24.4 28.5 42.7#

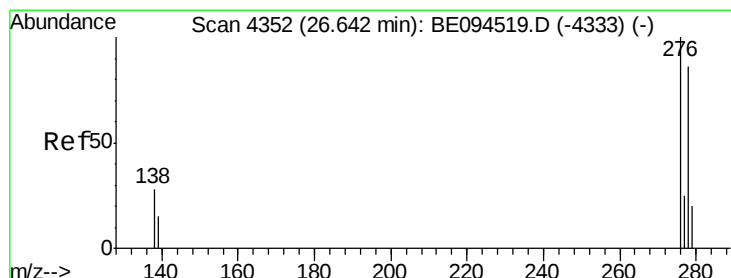
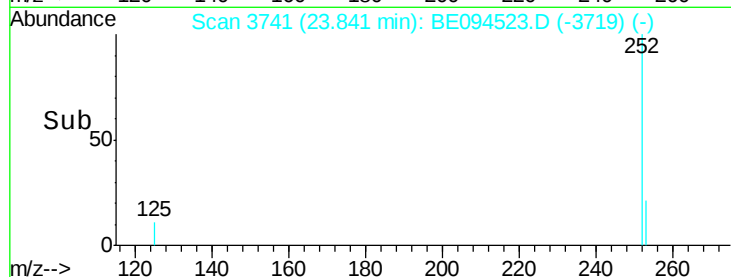
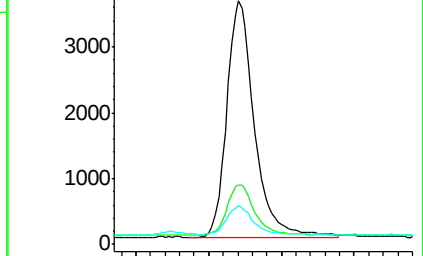
125 15.8 18.1 27.1#



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: 0.40 ng/ul

RT: 26.64 min Scan# 4352

Delta R.T. 0.00 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

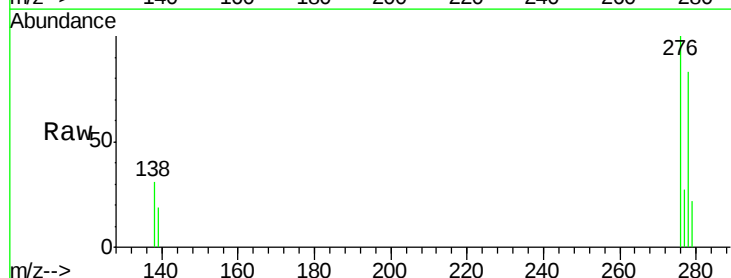
Tgt Ion:276 Resp: 9718

Ion Ratio Lower Upper

276 100

138 27.6 28.0 42.0#

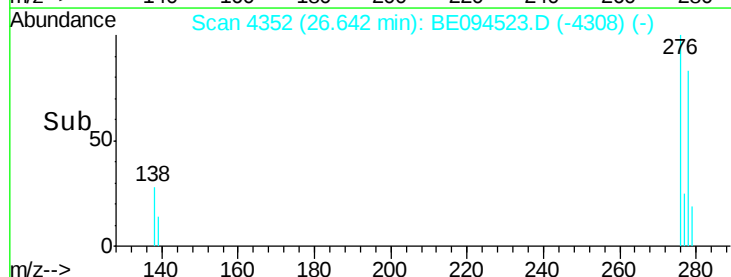
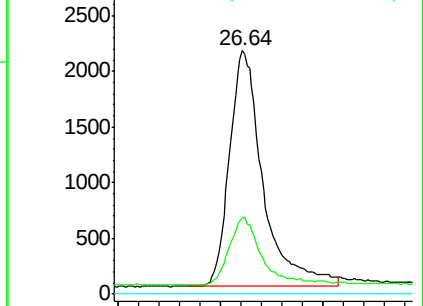
227 0.0 8.0 12.0#

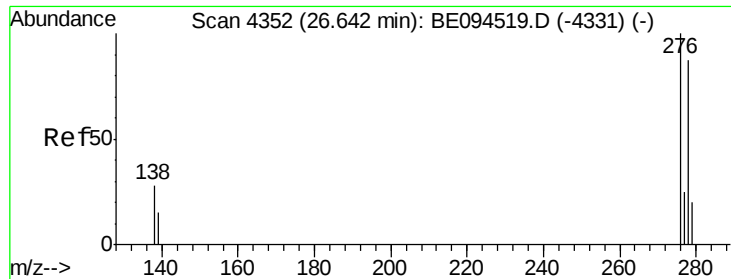


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.40 ng/ul

RT: 26.65 min Scan# 4353

Delta R.T. 0.00 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

Instrument :

BNA_E

ClientSampleId :

SICV53

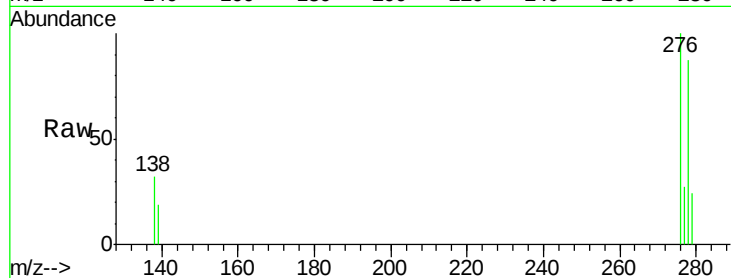
Tot Ion:278 Resp: 8194

Ion Ratio Lower Upper

278 100

139 21.9 17.4 26.0

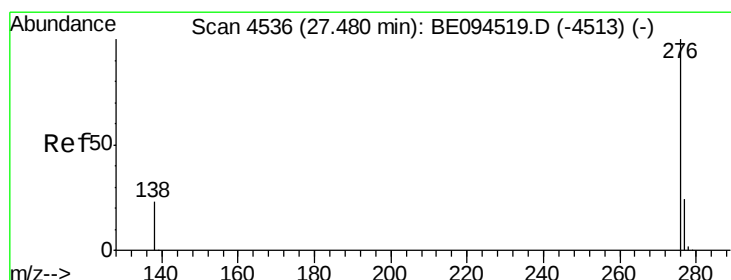
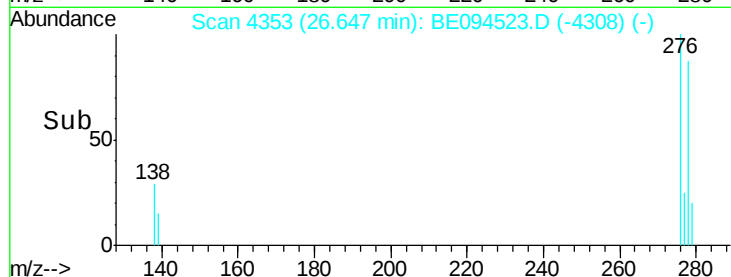
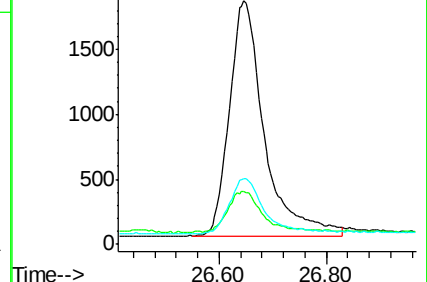
279 27.2 25.9 38.9



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: 0.40 ng/ul

RT: 27.48 min Scan# 4535

Delta R.T. -0.00 min

Lab File: BE094523.D

Acq: 24 Oct 2017 20:20

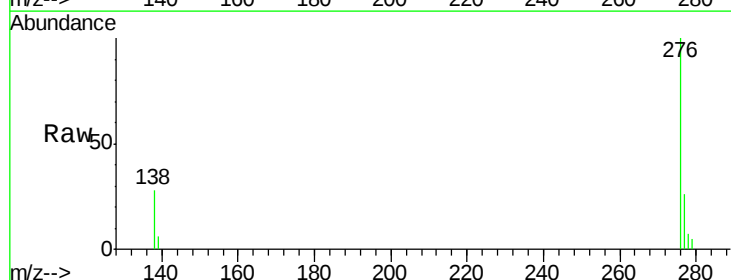
Tgt Ion:276 Resp: 7802

Ion Ratio Lower Upper

276 100

138 27.9 21.8 32.8

277 25.9 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

