

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094347.D
 Acq On : 14 Oct 2017 5:47
 Operator : SJ/JU
 Sample : I5649-03DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 22:13:23 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

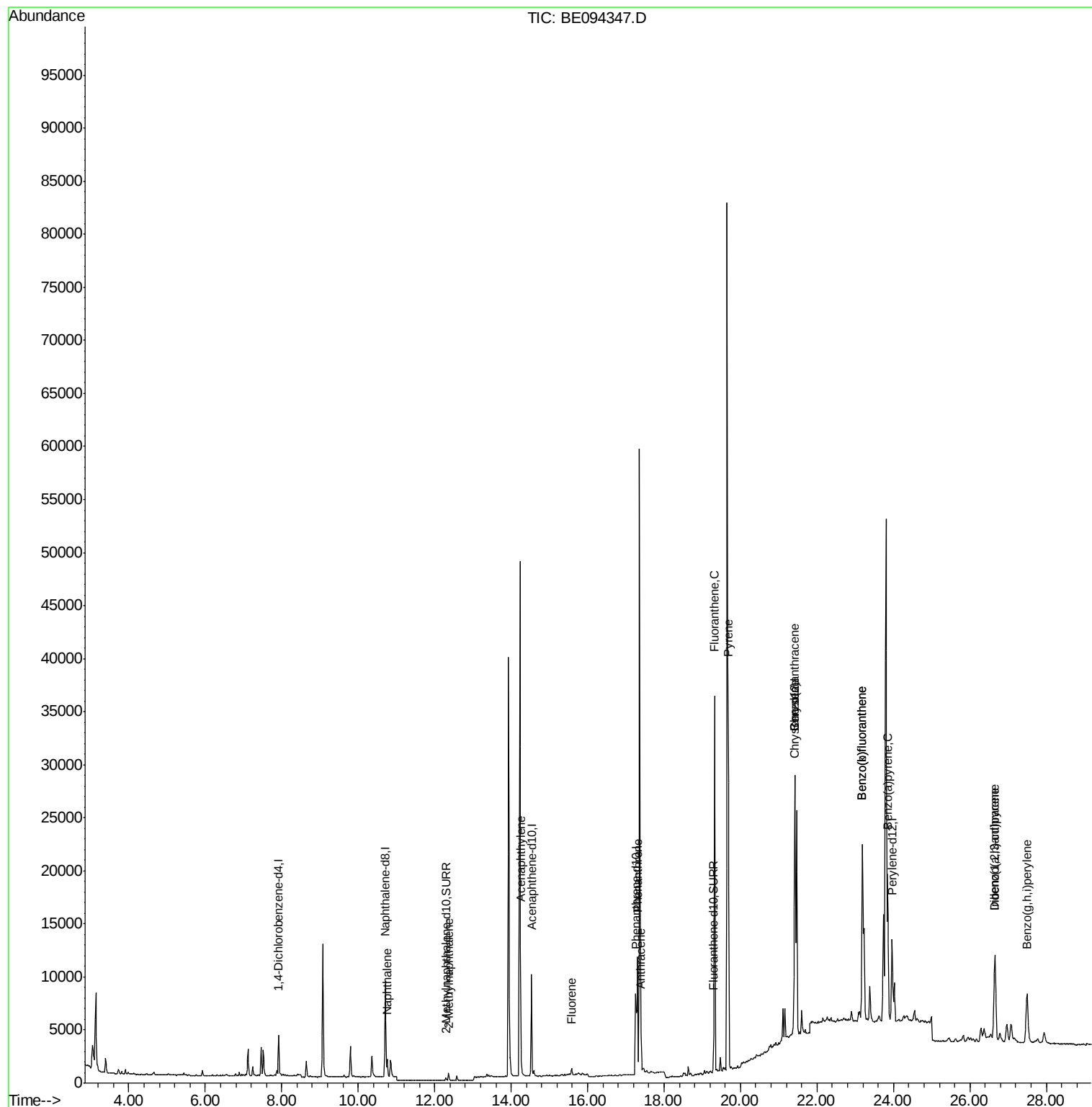
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2012	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	10259	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5658	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12082	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	12042	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11452	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	392	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	969	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	2470	0.098	ng/ul#	93
5) 2-Methylnaphthalene	12.37	142	686	0.042	ng/ul	97
7) Acenaphthylene	14.25	152	2159	0.098	ng/ul	94
9) Fluorene	15.58	166	537	0.025	ng/ul#	80
12) Phenanthrene	17.31	178	14219	0.450	ng/ul#	93
13) Anthracene	17.40	178	3507	0.114	ng/ul	95
15) Fluoranthene	19.32	202	40143	0.968	ng/ul	84
17) Pyrene	19.68	202	37708	1.125	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	21775	0.682	ng/ul#	88
19) Chrysene	21.41	228	21775	0.590	ng/ul	95
21) Benzo(b)fluoranthene	23.19	252	40710	1.309	ng/ul	90
22) Benzo(k)fluoranthene	23.19	252	40643	1.130	ng/ul#	91
23) Benzo(a)pyrene	23.85	252	20822	0.644	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.65	276	15544	0.470	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.65	278	4130	0.149	ng/ul#	24
26) Benzo(a,h,i)perylene	27.49	276	11601	0.407	ng/ul#	80

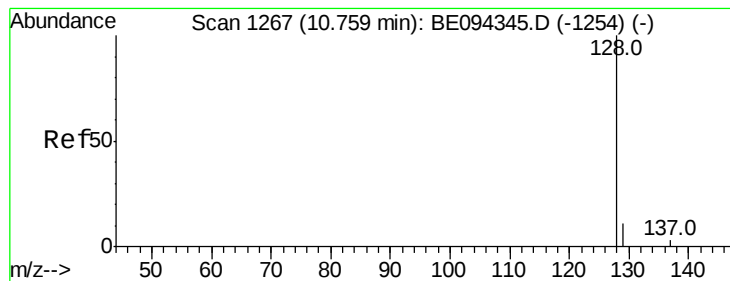
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.098 ng/ul

RT: 10.76 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE094347.D

Acq: 14 Oct 2017 5:47

Instrument :

BNA_E

ClientSampleId :

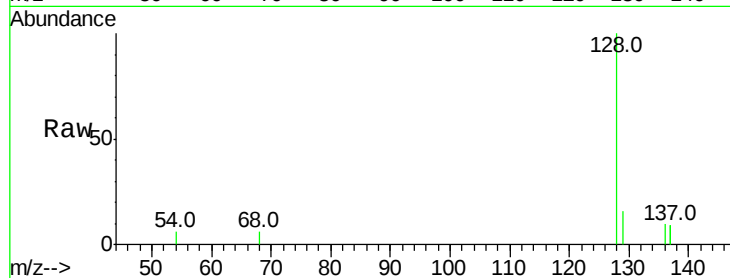
Tot Ion:128 Resp: 2470

Ion Ratio Lower Upper

128 100

129 15.8 11.3 16.9

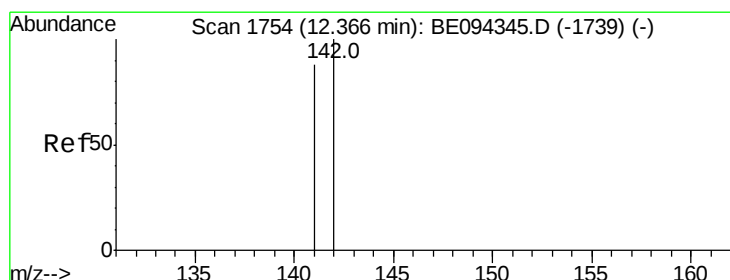
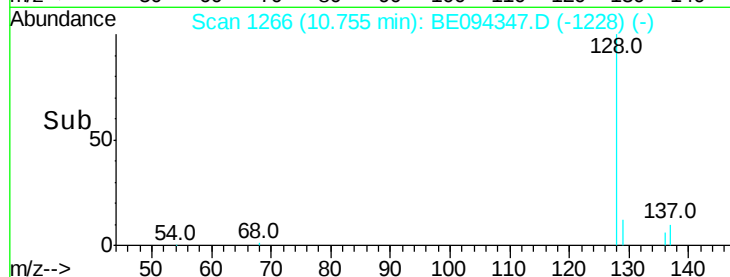
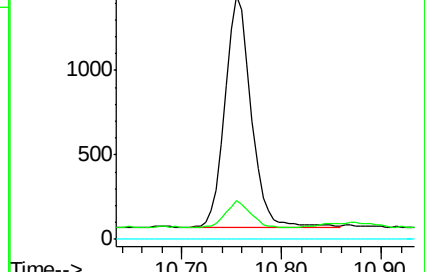
127 0.0 4.0 6.0#



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: 0.042 ng/ul

RT: 12.37 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BE094347.D

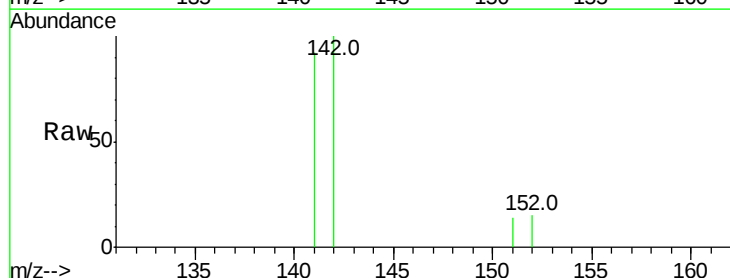
Acq: 14 Oct 2017 5:47

Tgt Ion:142 Resp: 686

Ion Ratio Lower Upper

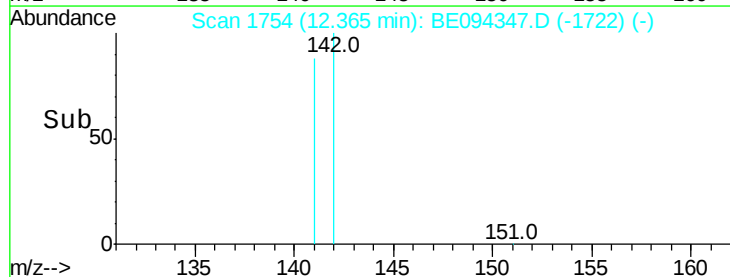
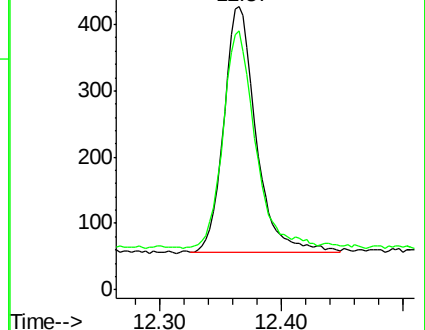
142 100

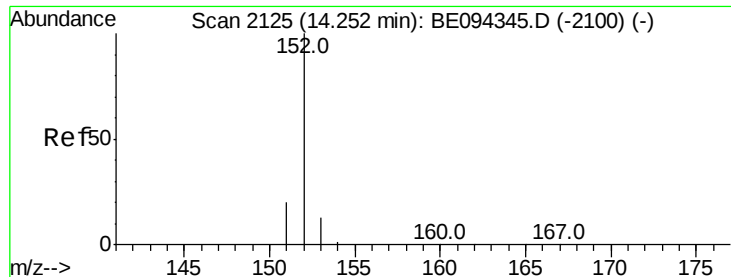
141 88.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.098 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE094347.D

Acq: 14 Oct 2017 5:47

Instrument :

BNA_E

ClientSampled :

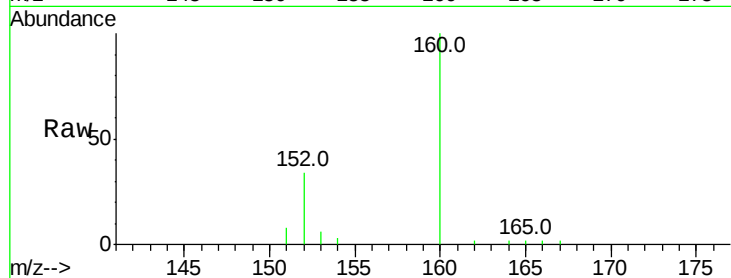
Tot Ion:152 Resp: 2159

Ion Ratio Lower Upper

152 100

151 24.8 17.1 25.7

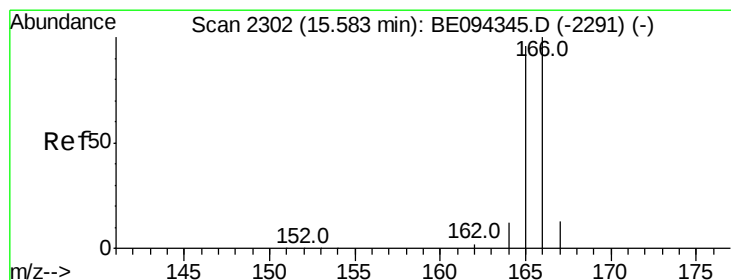
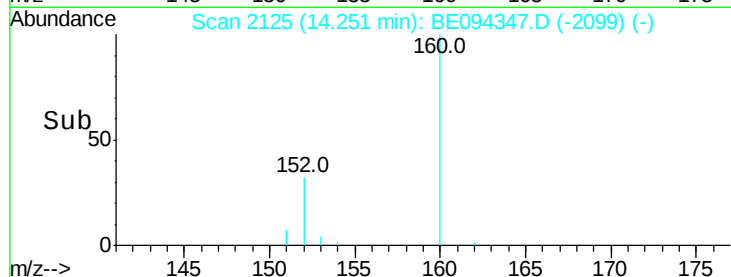
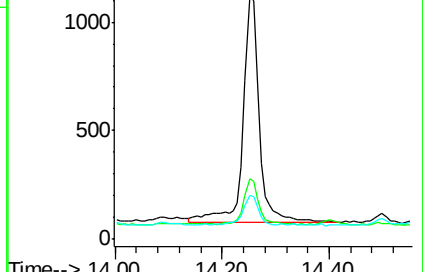
153 18.0 12.8 19.2



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



#9

Fluorene

Concen: 0.025 ng/ul

RT: 15.58 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BE094347.D

Acq: 14 Oct 2017 5:47

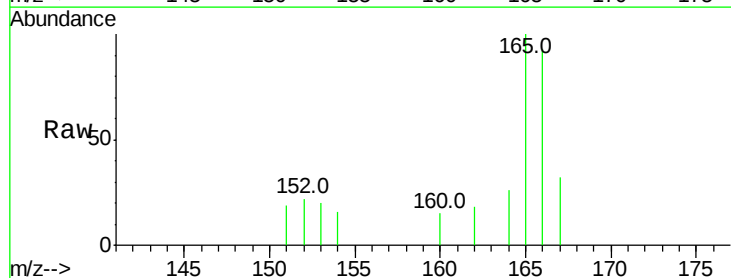
Tgt Ion:166 Resp: 537

Ion Ratio Lower Upper

166 100

165 107.2 73.4 110.2

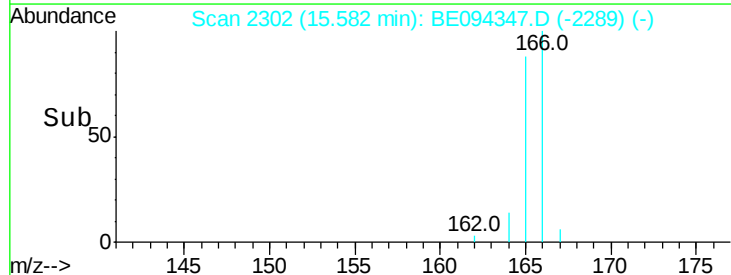
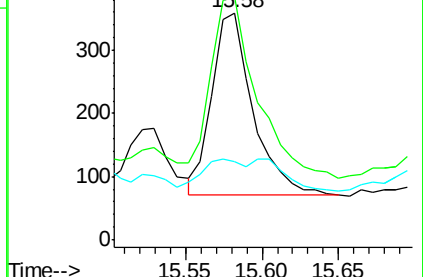
167 34.5 14.6 22.0#

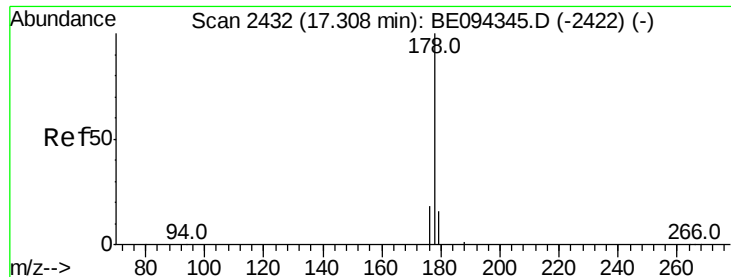


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.450 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE094347.D

Acq: 14 Oct 2017 5:47

Instrument :

BNA_E

ClientSampleId :

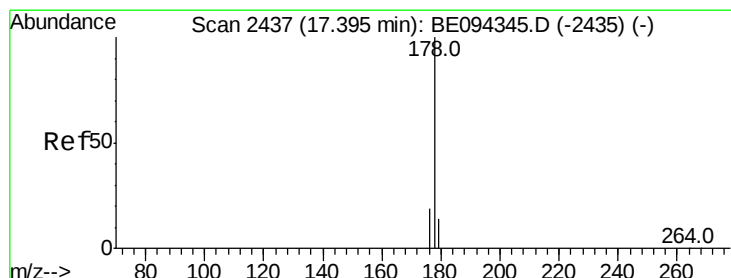
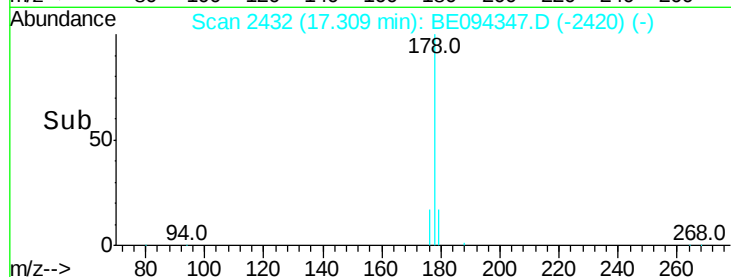
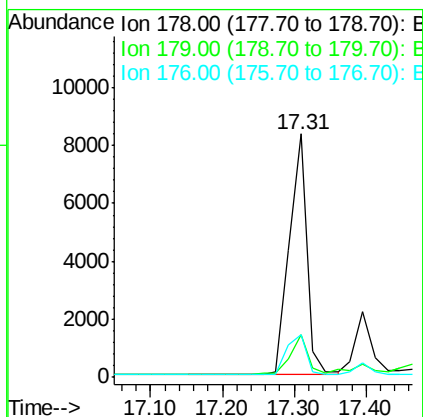
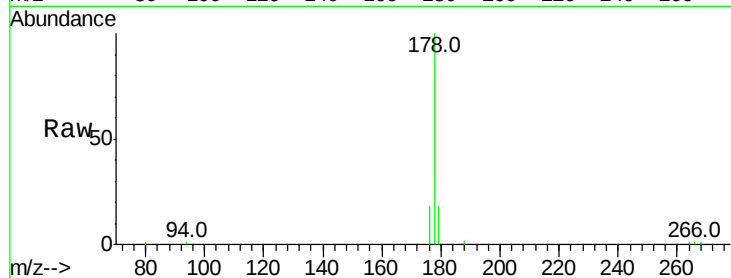
Tot Ion:178 Resp: 14219

Ion Ratio Lower Upper

178 100

179 17.7 18.4 27.6#

176 17.6 13.6 20.4



#13

Anthracene

Concen: 0.114 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094347.D

Acq: 14 Oct 2017 5:47

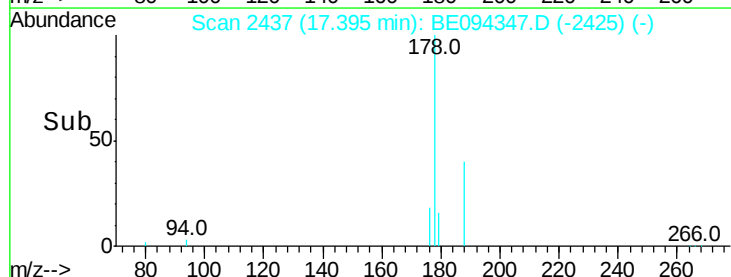
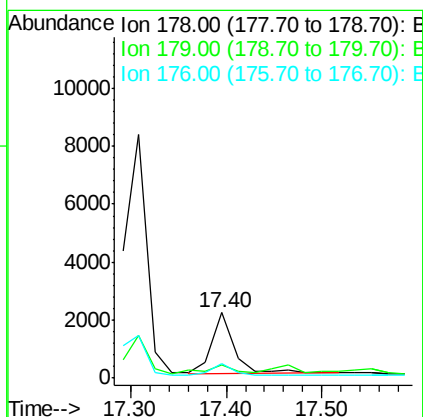
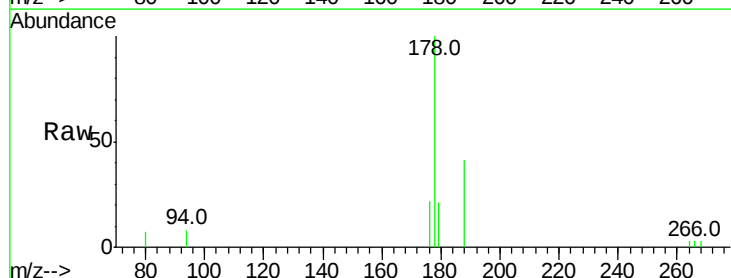
Tgt Ion:178 Resp: 3507

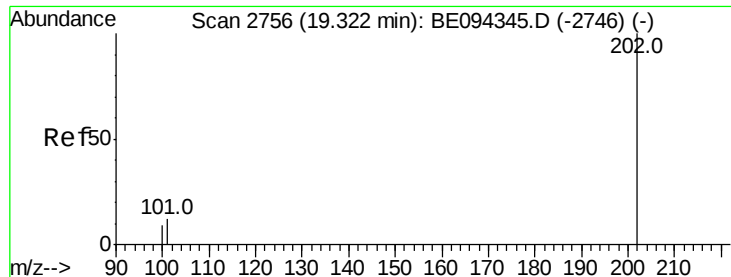
Ion Ratio Lower Upper

178 100

179 20.6 18.1 27.1

176 21.6 14.7 22.1





#15

Fluoranthene

Concen: 0.968 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BE094347.D

Acq: 14 Oct 2017 5:47

Instrument :

BNA_E

ClientSampleId :

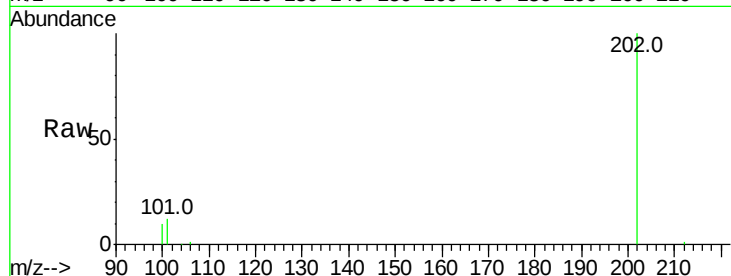
Tot Ion:202 Resp: 40143

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.3

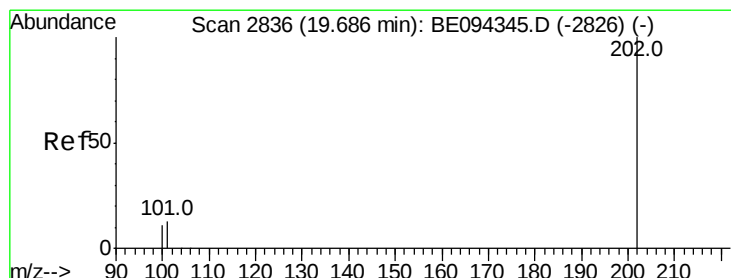
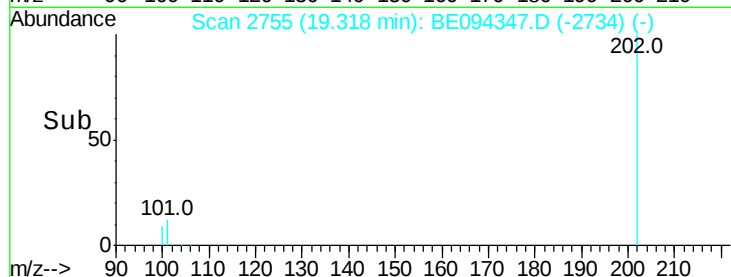
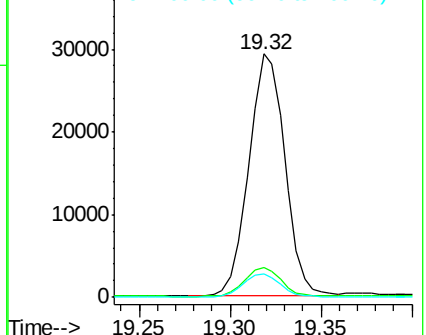
100 9.7 0.0 39.5



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: 1.125 ng/ul

RT: 19.68 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BE094347.D

Acq: 14 Oct 2017 5:47

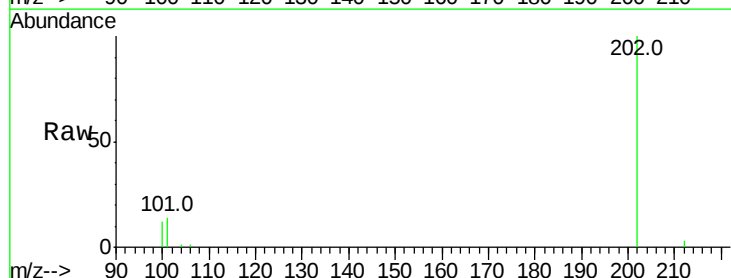
Tgt Ion:202 Resp: 37708

Ion Ratio Lower Upper

202 100

101 13.7 18.2 27.4#

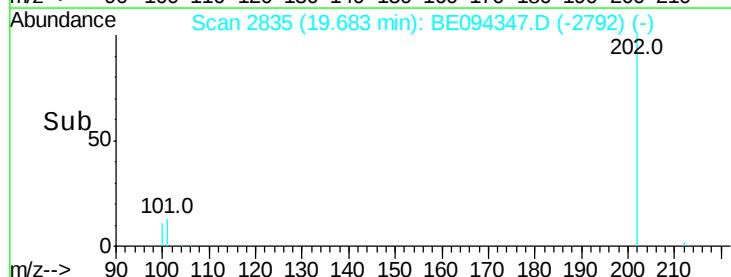
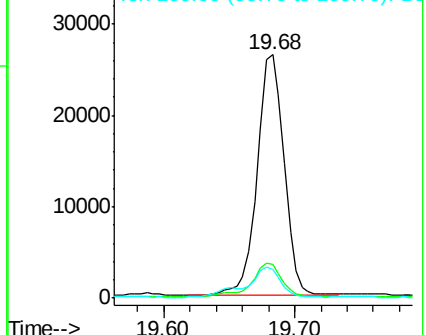
100 11.6 15.6 23.4#

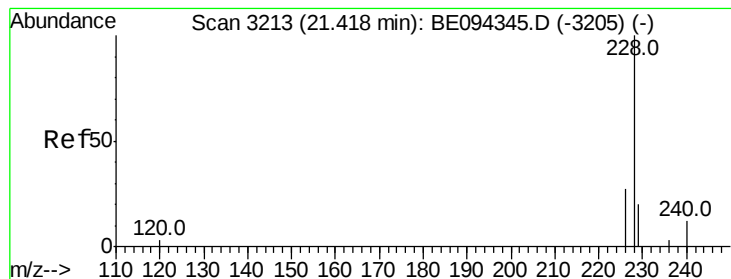


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.682 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. -0.01 min

Lab File: BE094347.D

Acq: 14 Oct 2017 5:47

Instrument :

BNA_E

ClientSampleId :

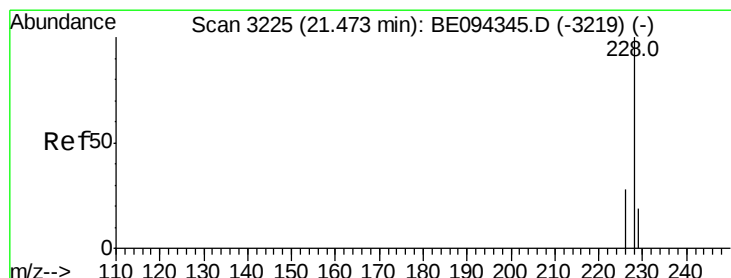
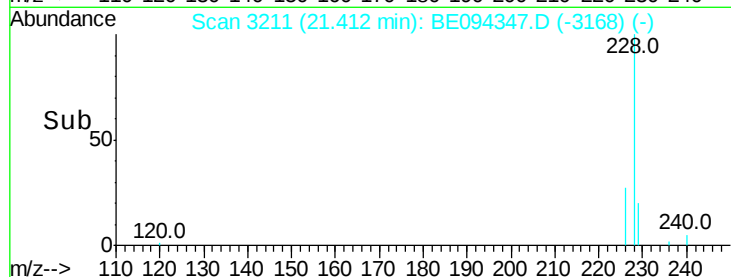
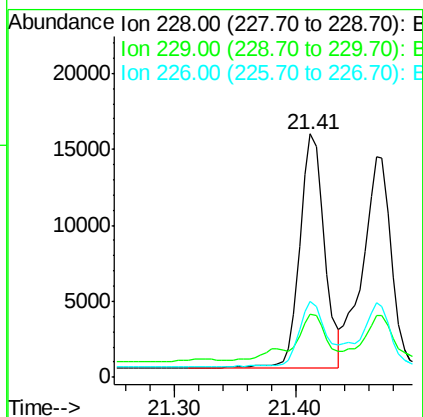
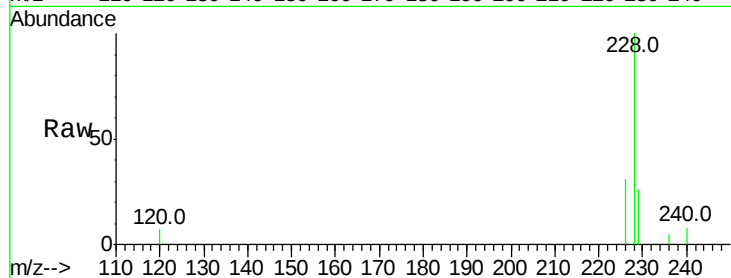
Tot Ion:228 Resp: 21775

Ion Ratio Lower Upper

228 100

229 25.9 22.8 34.2

226 31.0 17.0 25.6#



#19

Chrysene

Concen: 0.590 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. -0.06 min

Lab File: BE094347.D

Acq: 14 Oct 2017 5:47

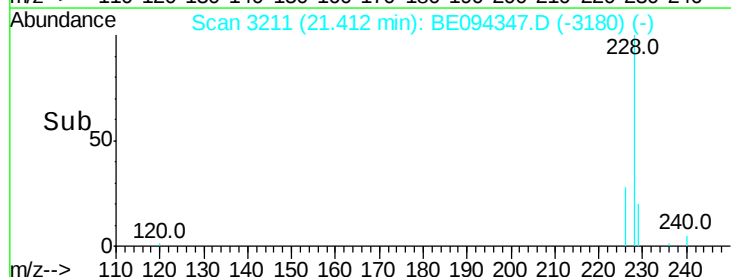
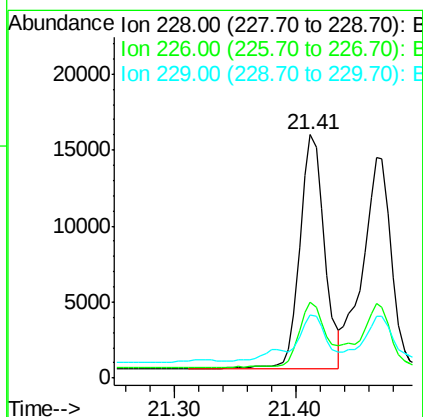
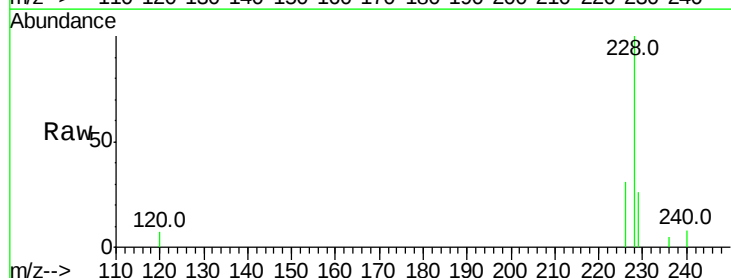
Tgt Ion:228 Resp: 21775

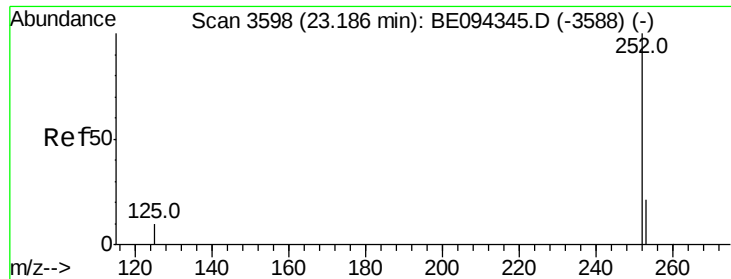
Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.0

229 25.9 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 1.309 ng/ul

RT: 23.19 min Scan# 3597

Delta R.T. -0.00 min

Lab File: BE094347.D

Acq: 14 Oct 2017 5:47

Instrument :

BNA_E

ClientSampleId :

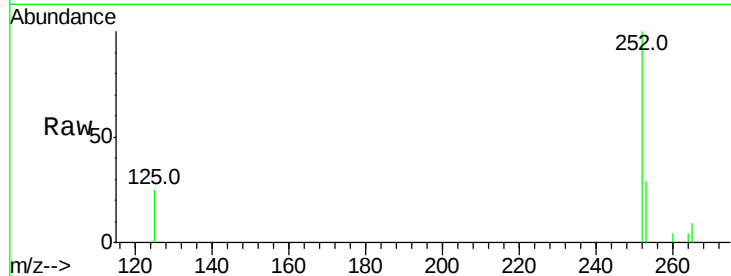
Tot Ion:252 Resp: 40710

Ion Ratio Lower Upper

252 100

253 28.6 0.0 64.2

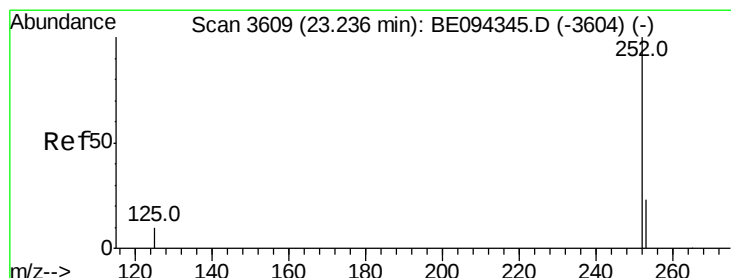
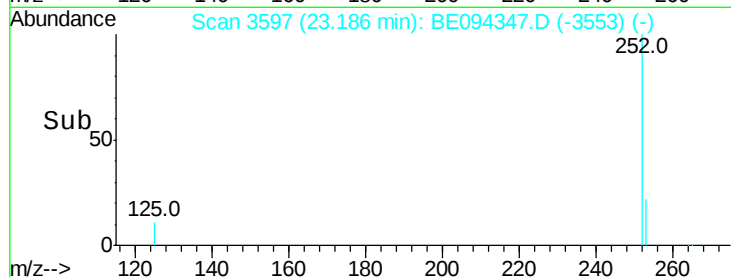
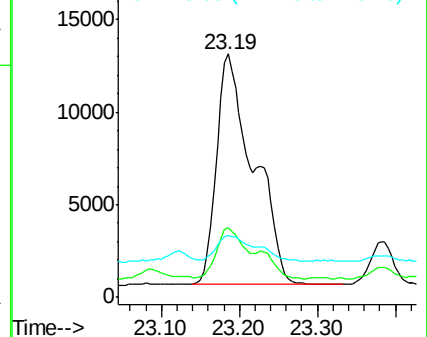
125 25.4 0.0 35.0



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: 1.130 ng/ul

RT: 23.19 min Scan# 3597

Delta R.T. -0.05 min

Lab File: BE094347.D

Acq: 14 Oct 2017 5:47

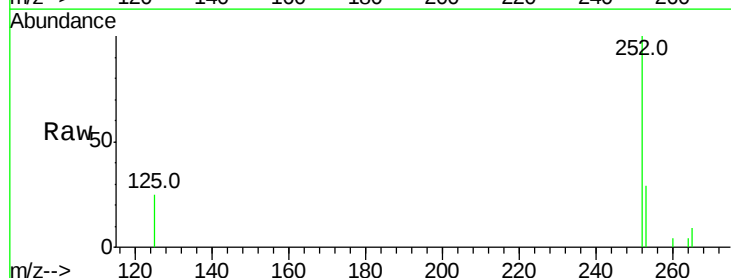
Tgt Ion:252 Resp: 40643

Ion Ratio Lower Upper

252 100

253 28.6 24.5 36.7

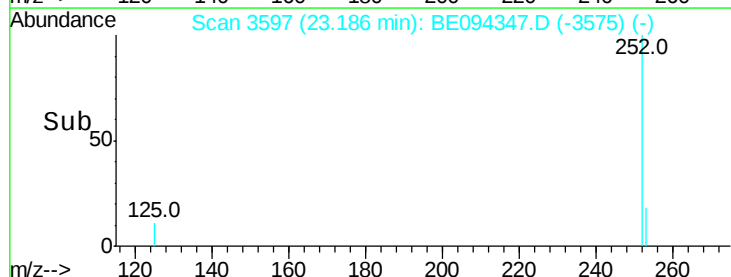
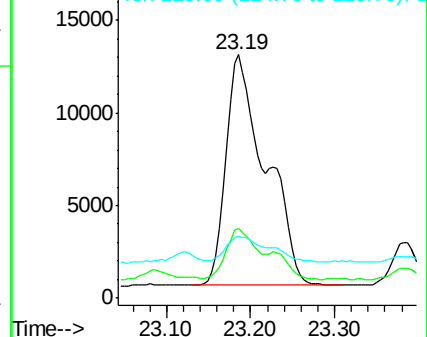
125 25.4 13.7 20.5#

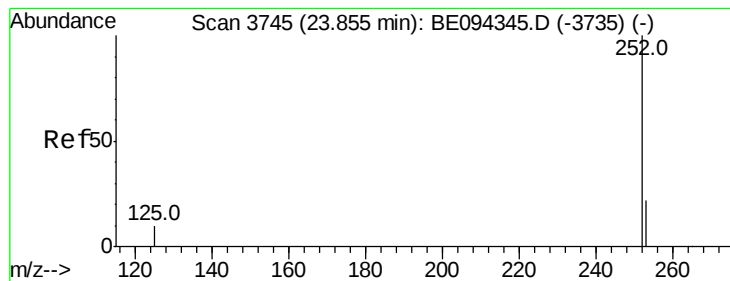


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.644 ng/ul

RT: 23.85 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BE094347.D

Acq: 14 Oct 2017 5:47

Instrument :

BNA_E

ClientSampleId :

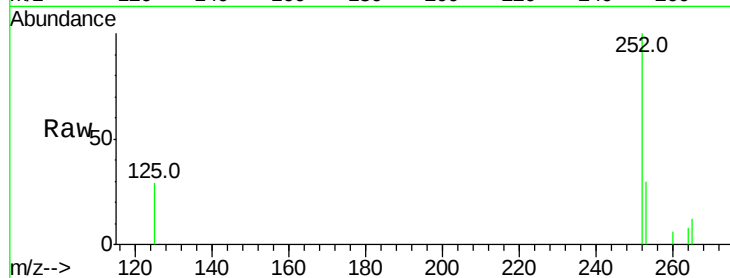
Tot Ion:252 Resp: 20822

Ion Ratio Lower Upper

252 100

253 30.3 28.5 42.7

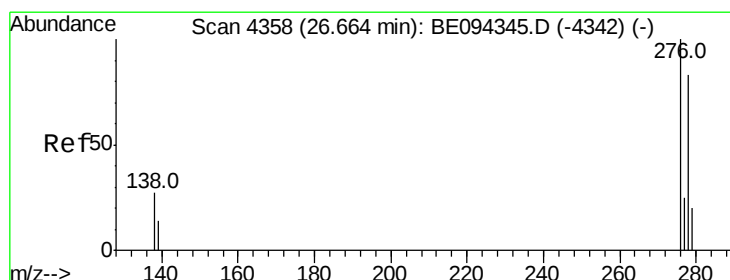
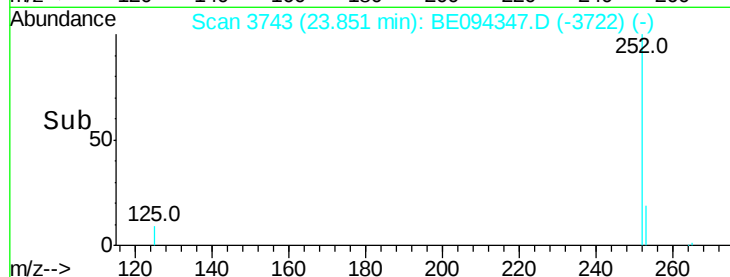
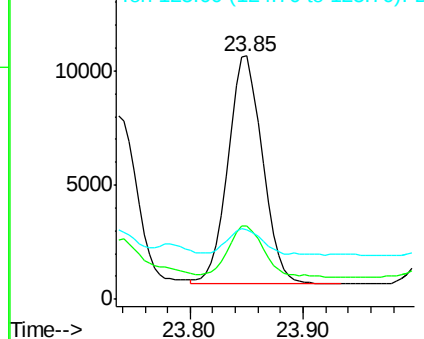
125 28.8 18.1 27.1#



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: 0.470 ng/ul

RT: 26.65 min Scan# 4354

Delta R.T. -0.01 min

Lab File: BE094347.D

Acq: 14 Oct 2017 5:47

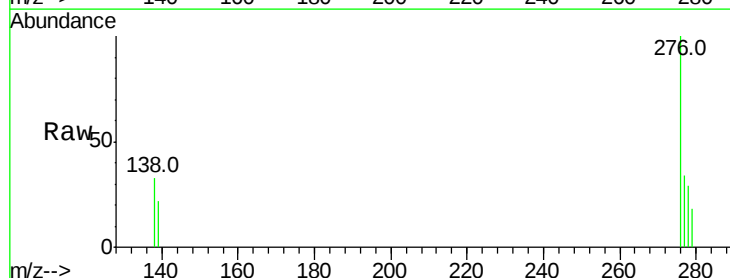
Tgt Ion:276 Resp: 15544

Ion Ratio Lower Upper

276 100

138 23.1 28.0 42.0#

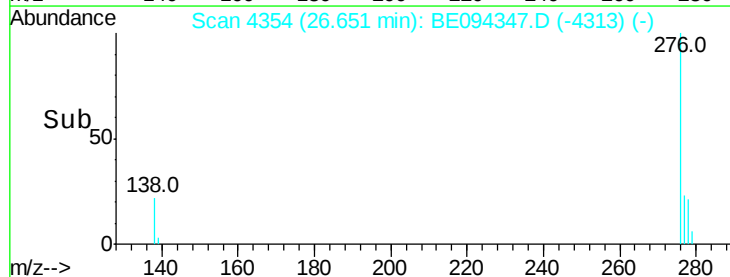
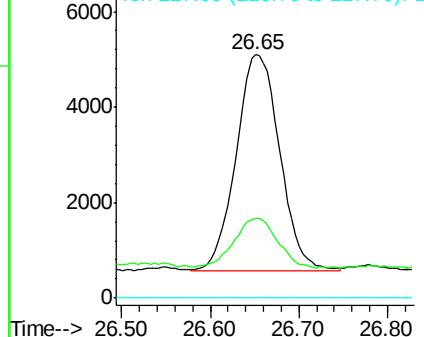
227 0.0 8.0 12.0#

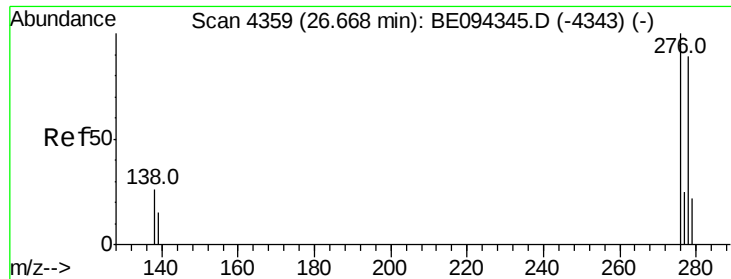


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.149 ng/u1

RT: 26.65 min Scan# 4353

Delta R.T. -0.02 min

Lab File: BE094347.D

Acq: 14 Oct 2017 5:47

Instrument :

BNA_E

ClientSampleId :

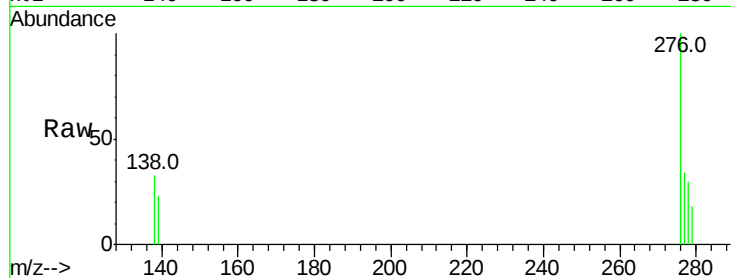
Tot Ion:278 Resp: 4130

Ion Ratio Lower Upper

278 100

139 75.6 17.4 26.0#

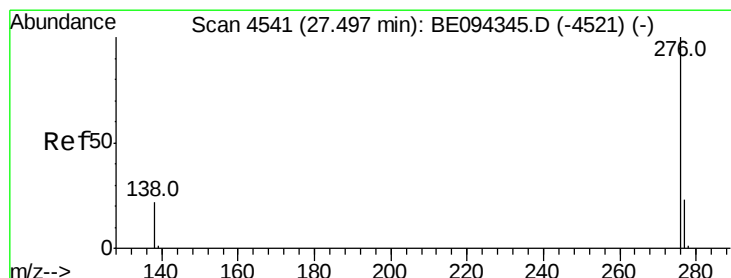
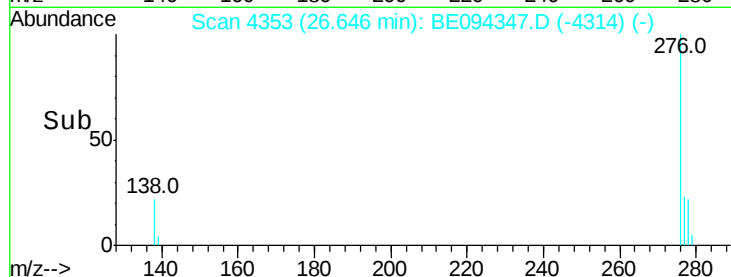
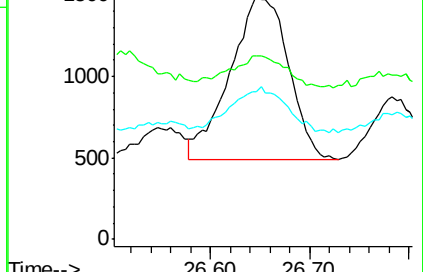
279 60.7 25.9 38.9#



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: 0.407 ng/u1

RT: 27.49 min Scan# 4539

Delta R.T. -0.00 min

Lab File: BE094347.D

Acq: 14 Oct 2017 5:47

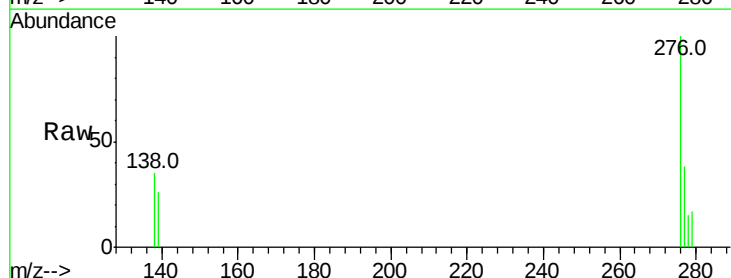
Tgt Ion:276 Resp: 11601

Ion Ratio Lower Upper

276 100

138 35.4 21.8 32.8#

277 37.8 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

