

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094283.D
 Acq On : 11 Oct 2017 17:22
 Operator : SJ/JU
 Sample : I5490-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 07:35:17 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 Oct 12 07:31:23 2017
 Response via : Initial Calibration

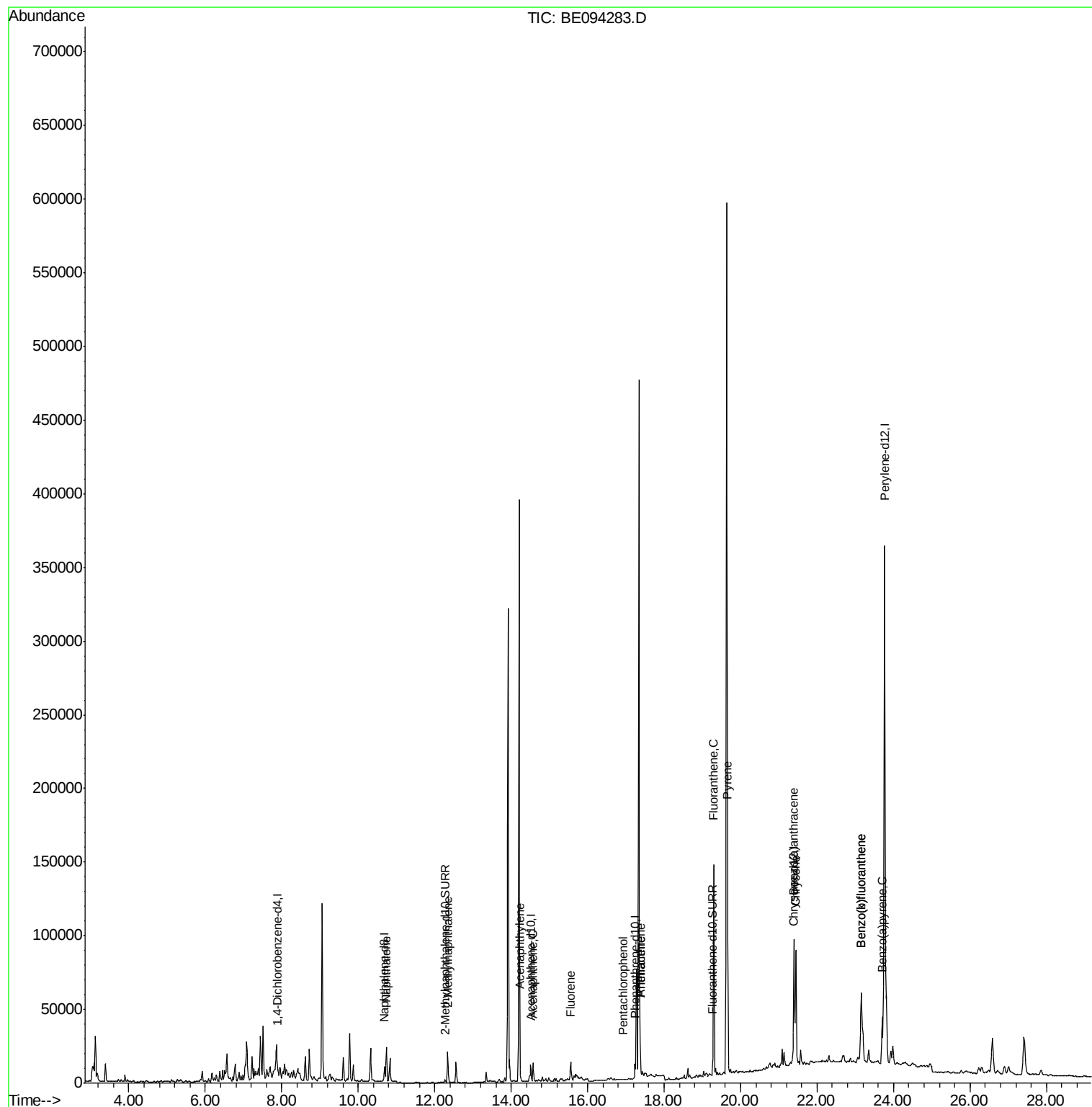
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2169	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10427	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6331	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	12993	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	12526	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	512832	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3200	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	7439	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	36095	1.413	ng/ul#	92
5) 2-Methylnaphthalene	12.34	142	18086	1.092	ng/ul	98
7) Acenaphthylene	14.24	152	3882	0.157	ng/ul#	82
8) Acenaphthene	14.57	153	7944	0.391	ng/ul	98
9) Fluorene	15.56	166	8589	0.361	ng/ul	94
11) Pentachlorophenol	16.93	266	51	0.033	ng/ul#	46
12) Phenanthrene	17.38	178	26466	0.779	ng/ul	95
13) Anthracene	17.38	178	28827	0.873	ng/ul	96
15) Fluoranthene	19.30	202	156676	3.512	ng/ul	84
17) Pyrene	19.66	202	160532	4.606	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	79206	2.384	ng/ul#	91
19) Chrysene	21.45	228	85817	2.236	ng/ul#	91
21) Benzo(b)fluoranthene	23.15	252	82772	0.059	ng/ul	85
22) Benzo(k)fluoranthene	23.15	252	77809	0.048	ng/ul#	86
23) Benzo(a)pyrene	23.70	252	50696	0.035	ng/ul#	78

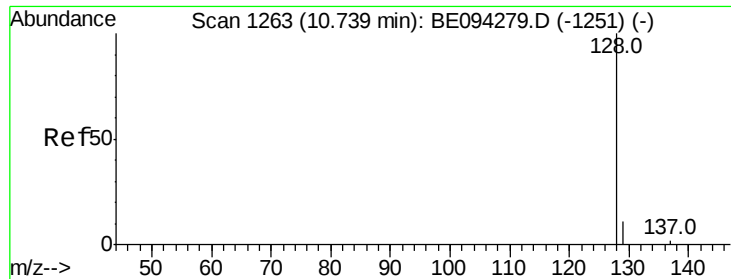
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.413 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE094283.D

Acq: 11 Oct 2017 17:22

Instrument :

BNA_E

ClientSampleId :

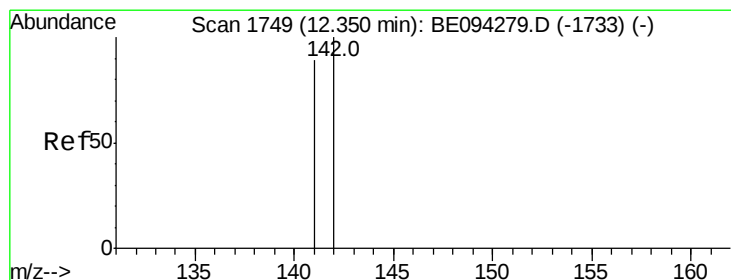
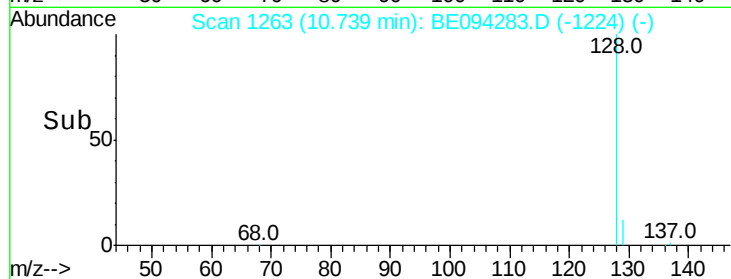
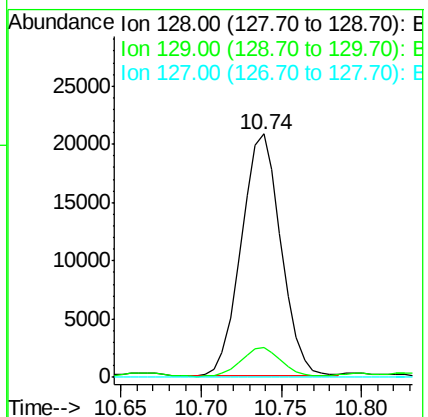
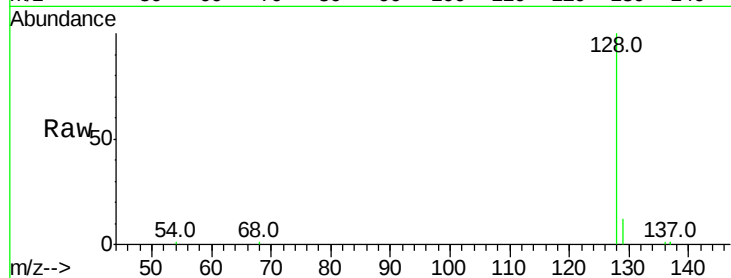
Tot Ion:128 Resp: 36095

Ion Ratio Lower Upper

128 100

129 12.1 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 1.092 ng/ul

RT: 12.34 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BE094283.D

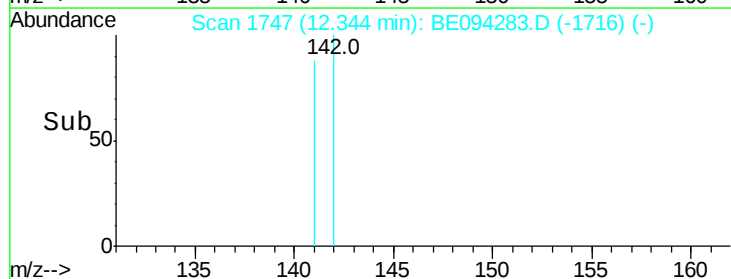
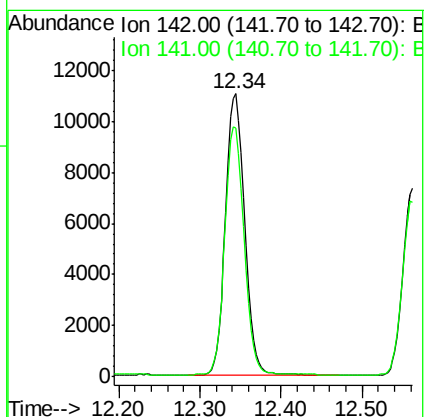
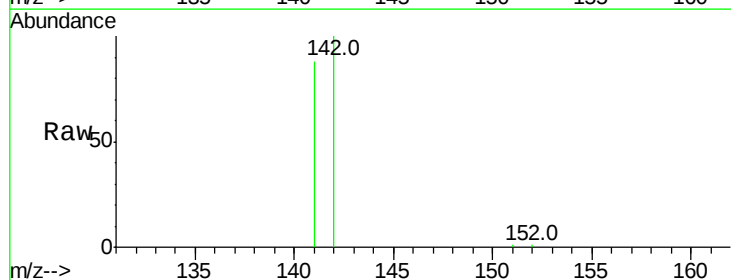
Acq: 11 Oct 2017 17:22

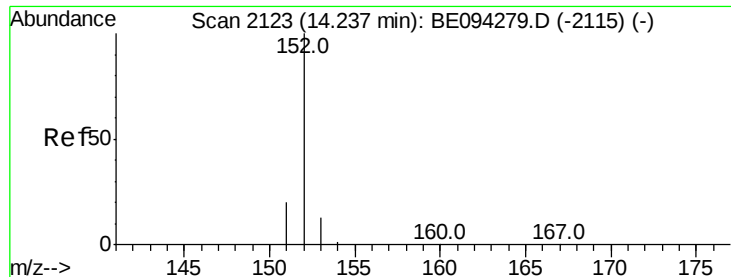
Tgt Ion:142 Resp: 18086

Ion Ratio Lower Upper

142 100

141 88.9 72.6 108.8





#7

Acenaphthylene

Concen: 0.157 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094283.D

Acq: 11 Oct 2017 17:22

Instrument :

BNA_E

ClientSampleId :

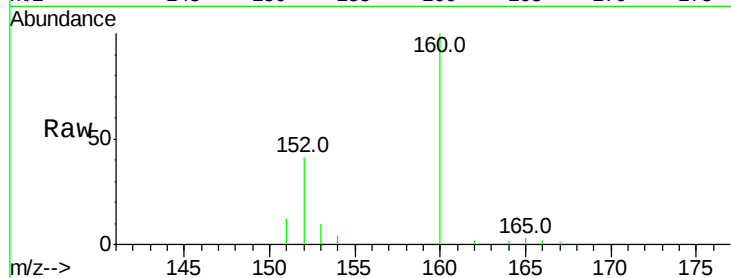
Tot Ion:152 Resp: 3882

Ion Ratio Lower Upper

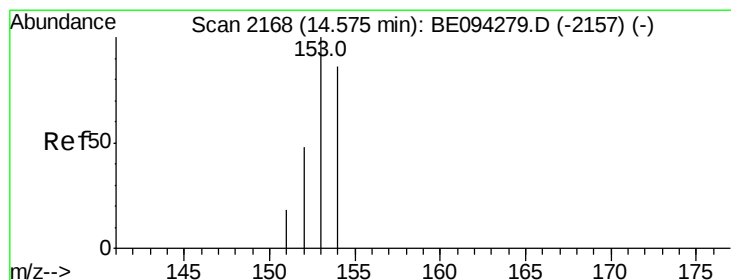
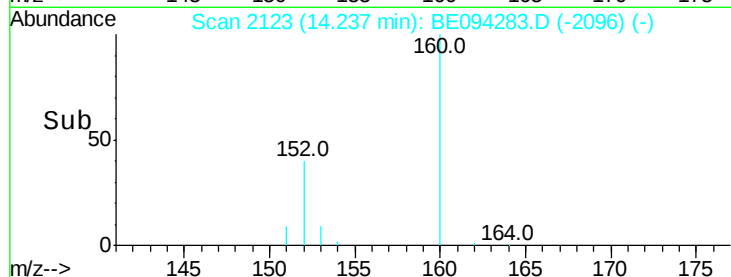
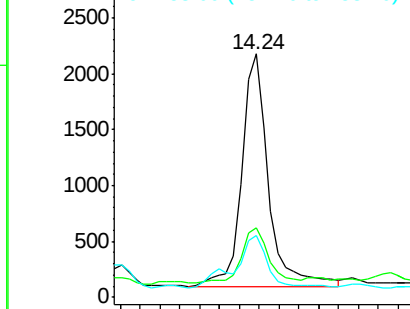
152 100

151 28.6 17.1 25.7#

153 25.3 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: 0.391 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BE094283.D

Acq: 11 Oct 2017 17:22

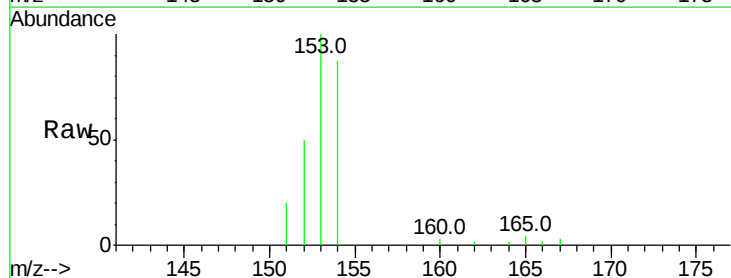
Tgt Ion:153 Resp: 7944

Ion Ratio Lower Upper

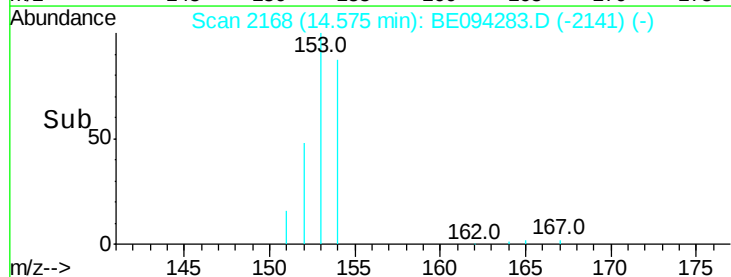
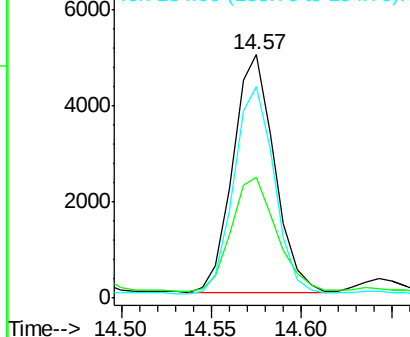
153 100

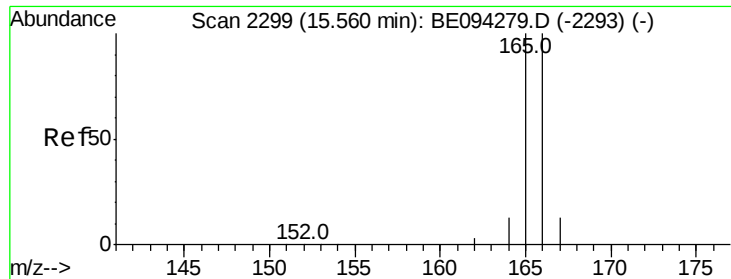
152 49.7 40.3 60.5

154 86.9 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

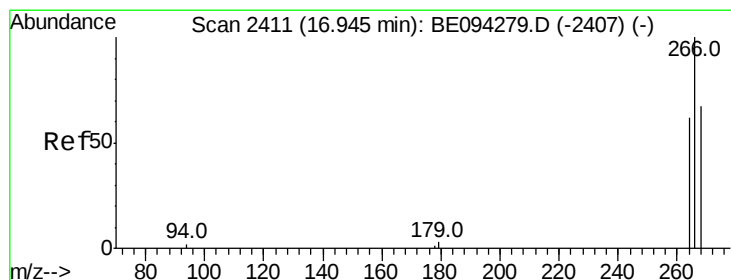
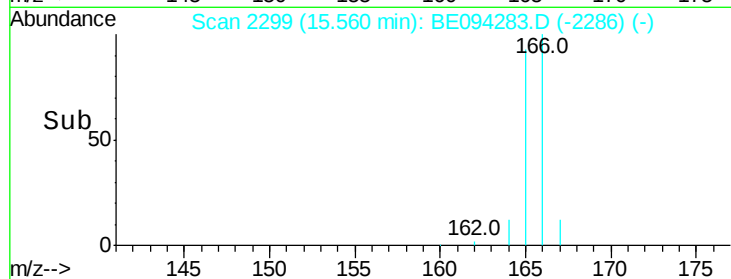
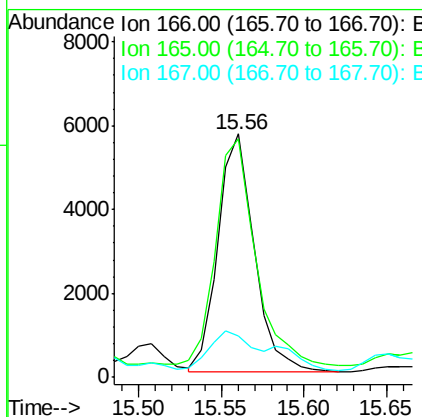
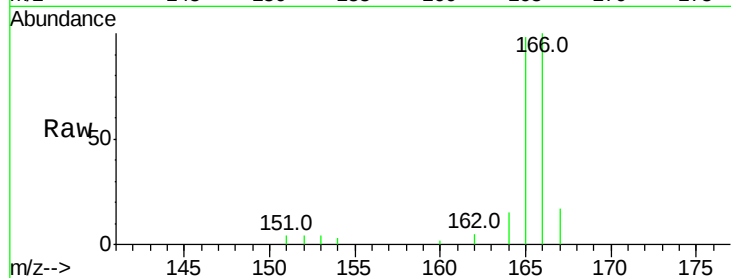




#9
Fluorene
 Concen: 0.361 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BE094283.D
 Acq: 11 Oct 2017 17:22

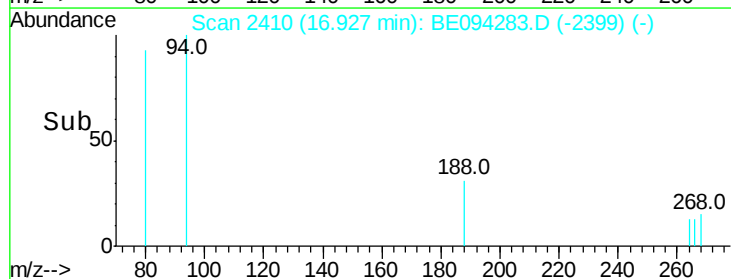
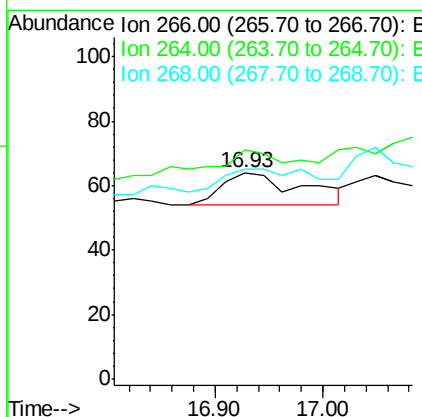
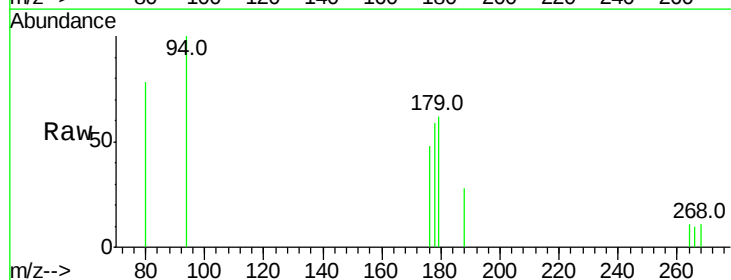
Instrument :
 BNA_E
 ClientSampleId :

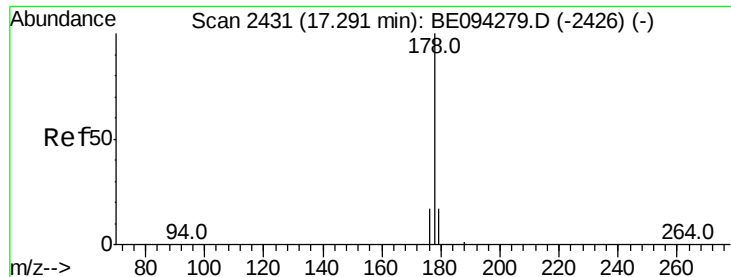
Tot Ion:166 Resp: 8589
 Ion Ratio Lower Upper
 166 100
 165 97.8 73.4 110.2
 167 17.3 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.033 ng/ul
 RT: 16.93 min Scan# 2410
 Delta R.T. -0.02 min
 Lab File: BE094283.D
 Acq: 11 Oct 2017 17:22

Tgt Ion:266 Resp: 51
 Ion Ratio Lower Upper
 266 100
 264 133.3 47.9 71.9#
 268 72.5 49.8 74.8





#12

Phenanthrene

Concen: 0.779 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. 0.09 min

Lab File: BE094283.D

Acq: 11 Oct 2017 17:22

Instrument :

BNA_E

ClientSampleId :

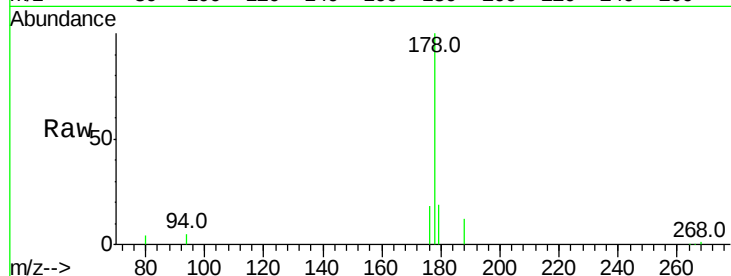
Tot Ion:178 Resp: 26466

Ion Ratio Lower Upper

178 100

179 19.5 18.4 27.6

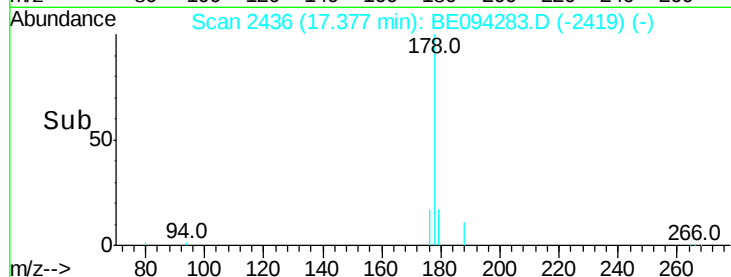
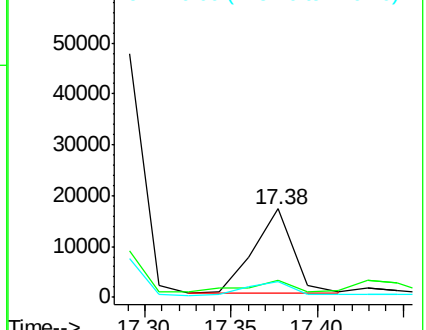
176 18.2 13.6 20.4



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



#13

Anthracene

Concen: 0.873 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE094283.D

Acq: 11 Oct 2017 17:22

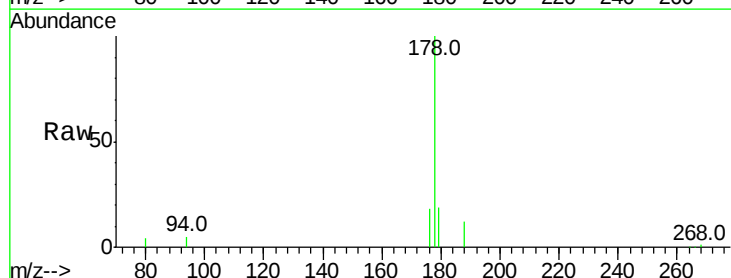
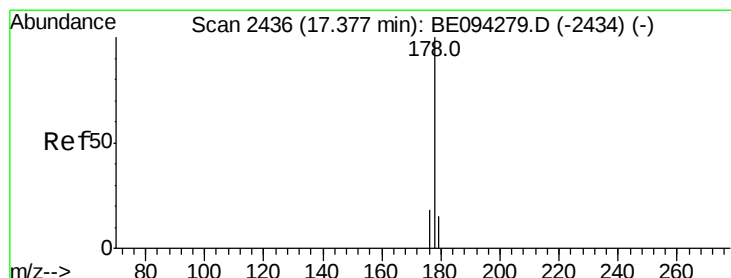
Tgt Ion:178 Resp: 28827

Ion Ratio Lower Upper

178 100

179 19.5 18.1 27.1

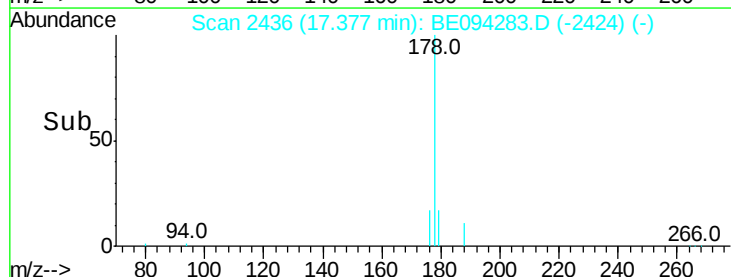
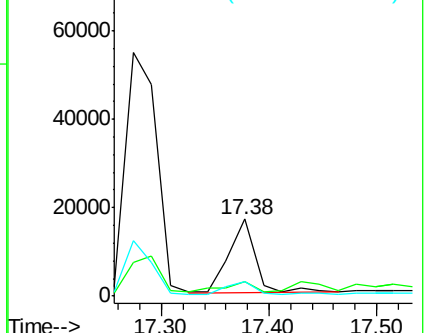
176 18.2 14.7 22.1

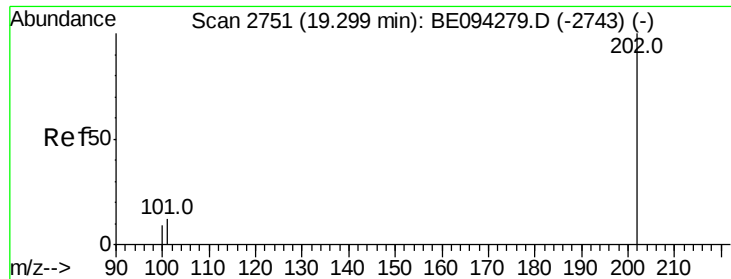


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 3.512 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BE094283.D

Acq: 11 Oct 2017 17:22

Instrument :

BNA_E

ClientSampleId :

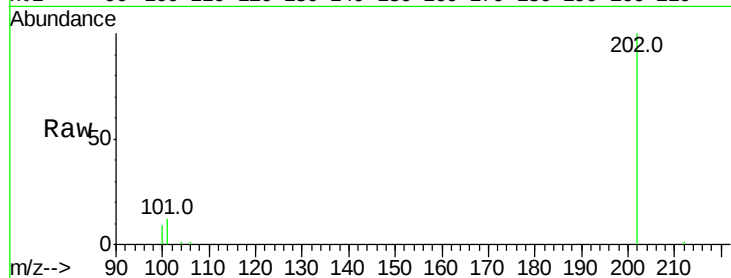
Tot Ion:202 Resp: 156676

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.3

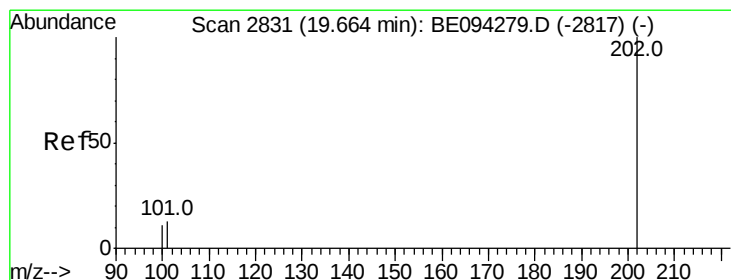
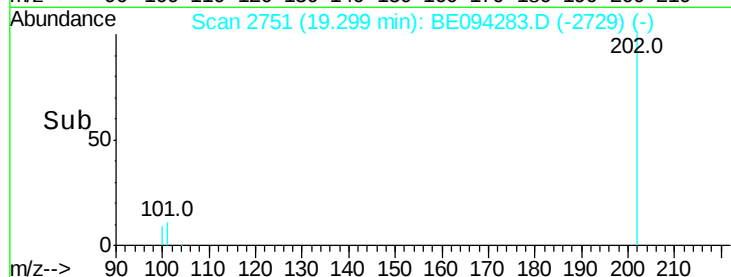
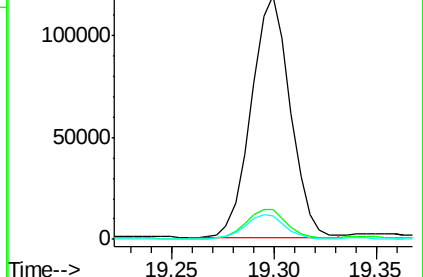
100 9.4 0.0 39.5



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: 4.606 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE094283.D

Acq: 11 Oct 2017 17:22

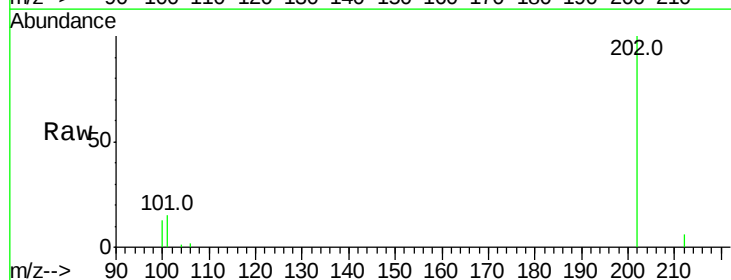
Tgt Ion:202 Resp: 160532

Ion Ratio Lower Upper

202 100

101 15.1 18.2 27.4#

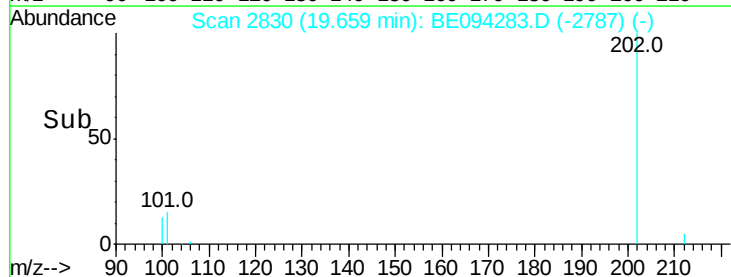
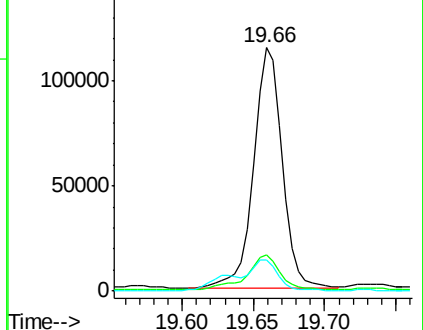
100 12.9 15.6 23.4#

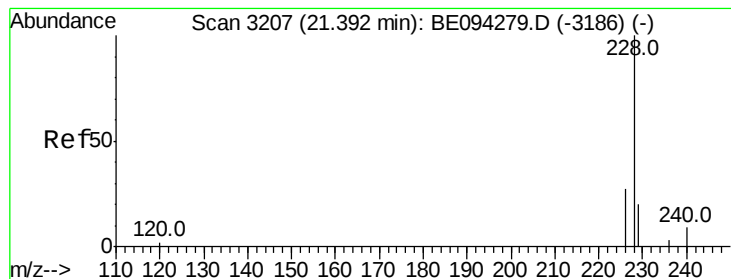


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 2.384 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BE094283.D

Acq: 11 Oct 2017 17:22

Instrument :

BNA_E

ClientSampleId :

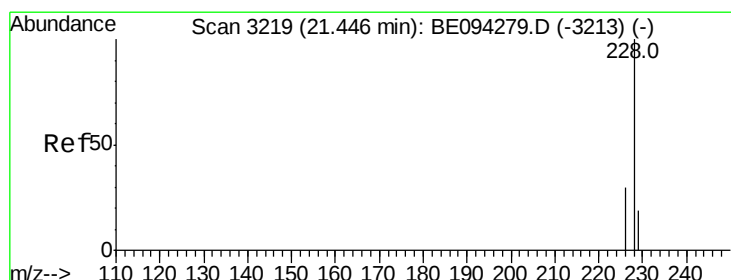
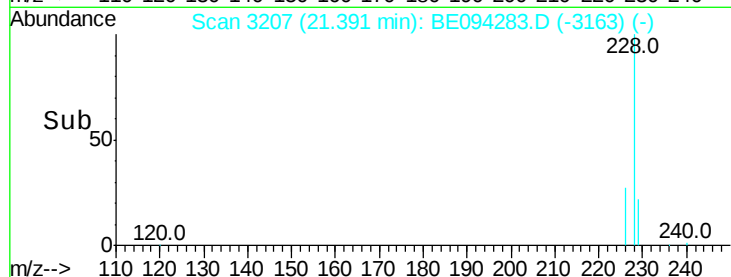
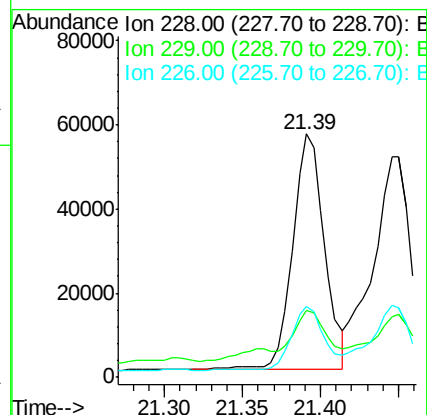
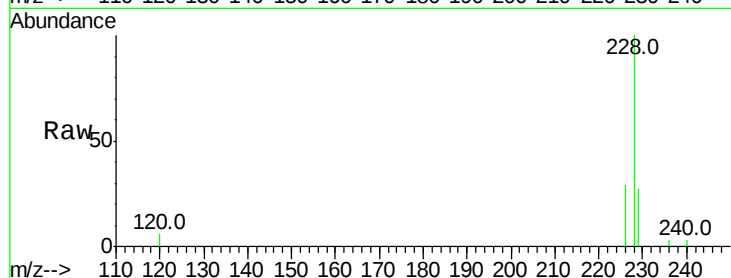
Tot Ion:228 Resp: 79206

Ion Ratio Lower Upper

228 100

229 27.3 22.8 34.2

226 29.3 17.0 25.6#



#19

Chrysene

Concen: 2.236 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE094283.D

Acq: 11 Oct 2017 17:22

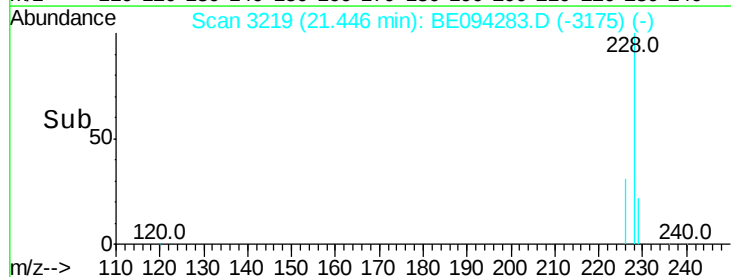
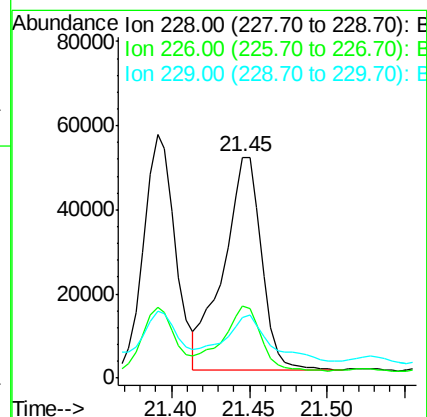
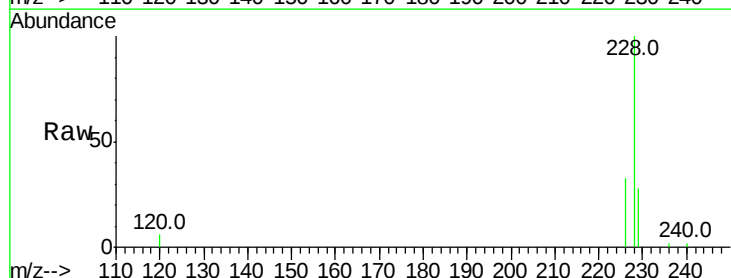
Tgt Ion:228 Resp: 85817

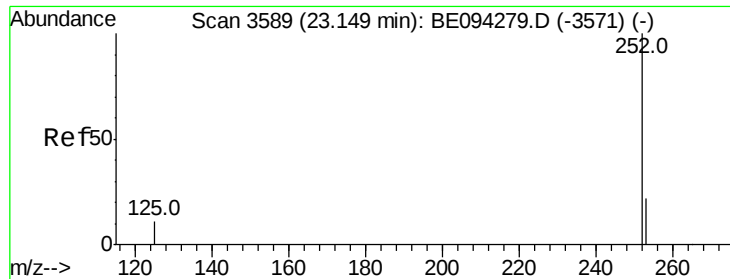
Ion Ratio Lower Upper

228 100

226 32.8 23.4 35.0

229 27.6 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.059 ng/ul

RT: 23.15 min Scan# 3591

Delta R.T. 0.01 min

Lab File: BE094283.D

Acq: 11 Oct 2017 17:22

Instrument :

BNA_E

ClientSampleId :

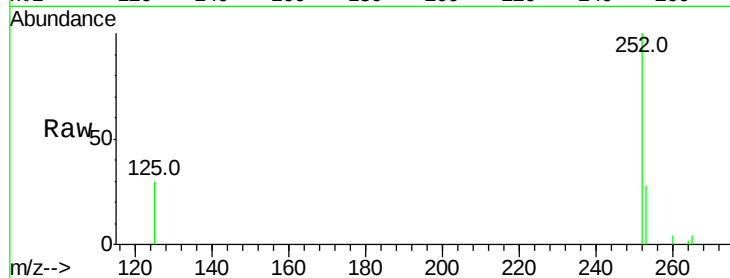
Tot Ion:252 Resp: 82772

Ion Ratio Lower Upper

252 100

253 28.2 0.0 64.2

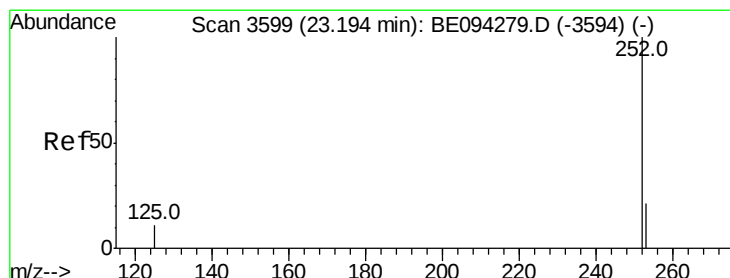
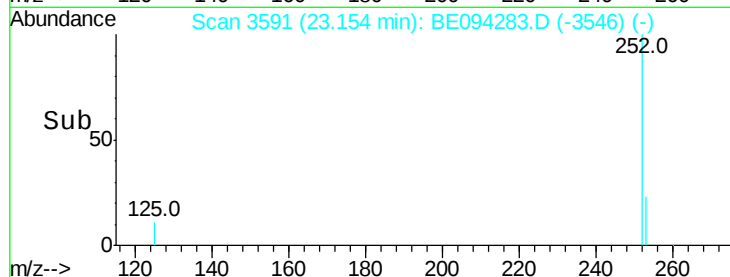
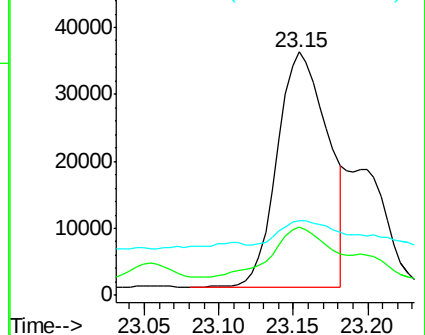
125 30.5 0.0 35.0



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: 0.048 ng/ul

RT: 23.15 min Scan# 3591

Delta R.T. -0.04 min

Lab File: BE094283.D

Acq: 11 Oct 2017 17:22

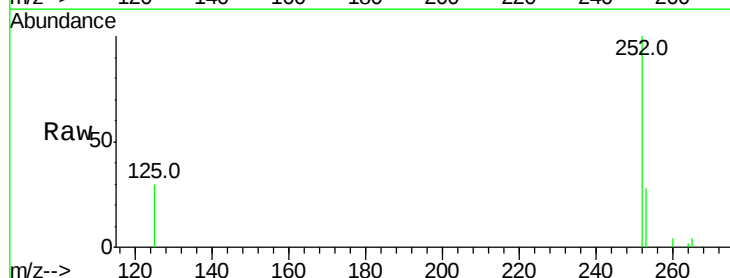
Tgt Ion:252 Resp: 77809

Ion Ratio Lower Upper

252 100

253 28.2 24.5 36.7

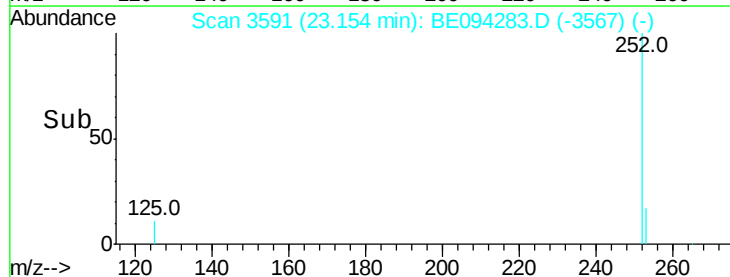
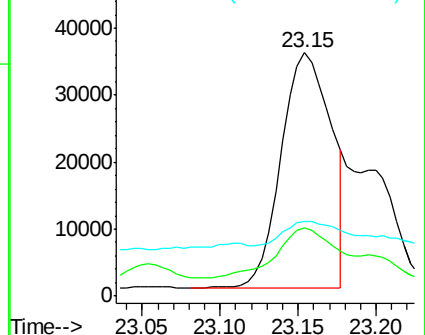
125 30.5 13.7 20.5#

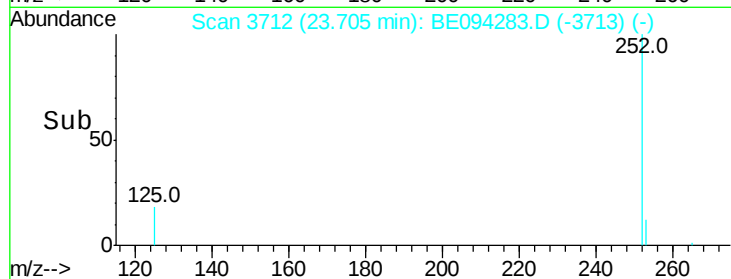
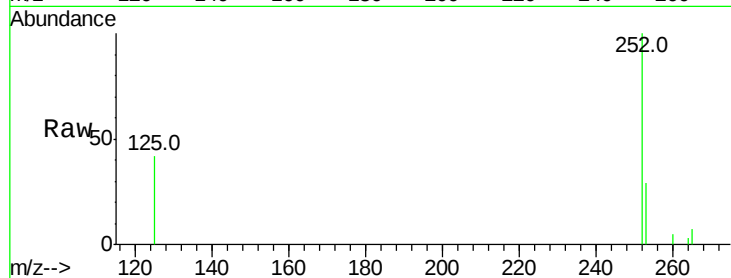
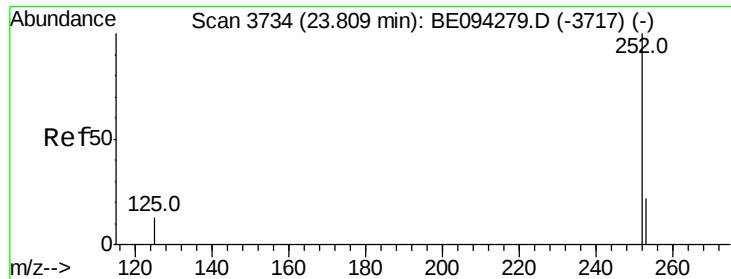


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.035 ng/ul

RT: 23.70 min Scan# 3712

Delta R.T. -0.10 min

Lab File: BE094283.D

Acq: 11 Oct 2017 17:22

Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 50696

Ion Ratio Lower Upper

252 100

253 29.0 28.5 42.7

125 41.9 18.1 27.1#

