

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100717\
 Data File : BE094201.D
 Acq On : 7 Oct 2017 14:12
 Operator : SJ/JU
 Sample : I5735-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 07 23:52:10 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration

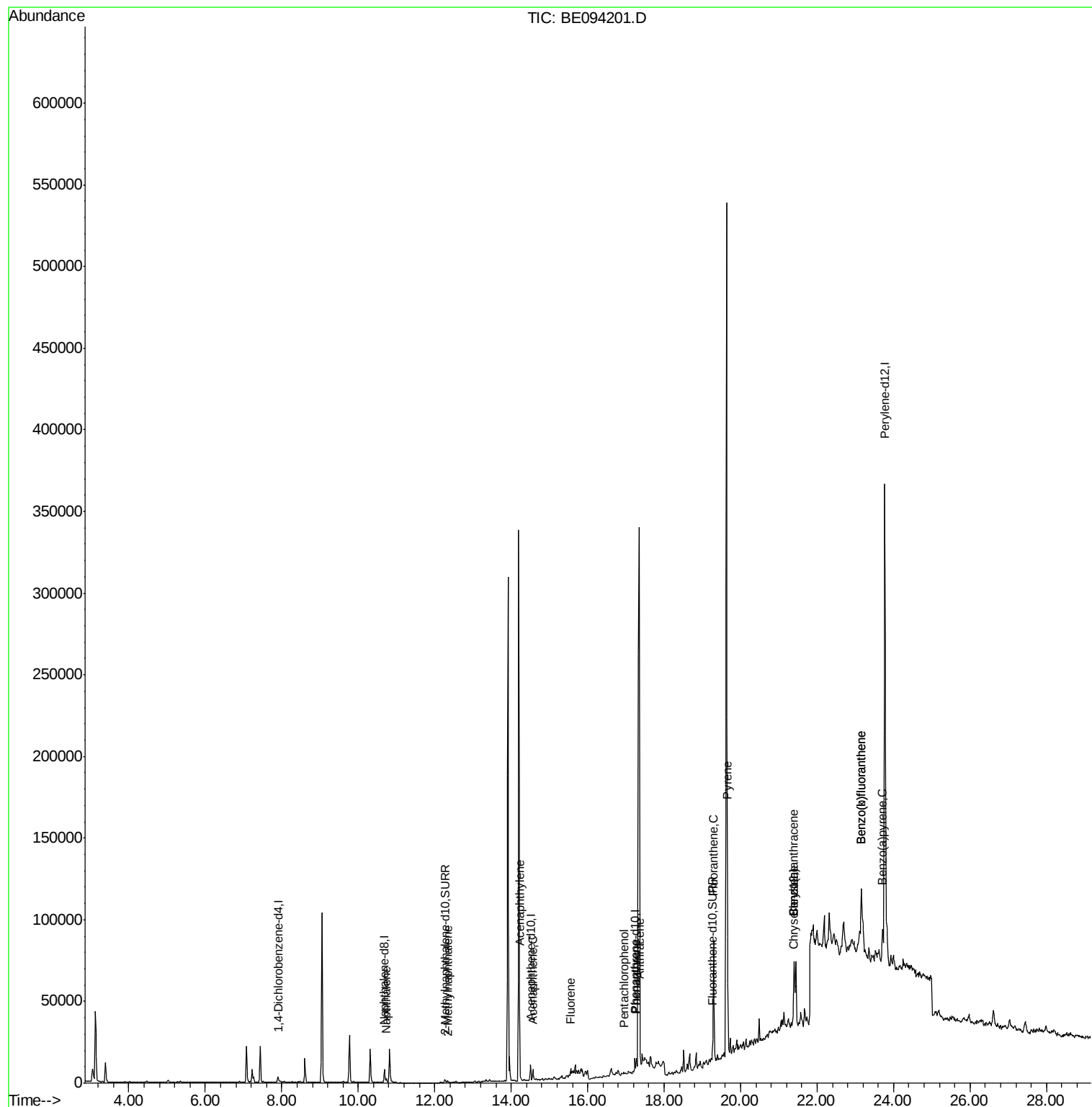
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1699	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8535	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4901	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	9718	0.40	ng/ul	-0.04
16) Chrysene-d12	21.37	240	393	0.40	ng/ul	-0.05
20) Perylene-d12	23.77	264	451559	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3054	0.23	ng/ul	-0.02
14) Fluoranthene-d10	19.26	212	6780	0.21	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.73	128	3644	0.174	ng/ul#	95
5) 2-Methylnaphthalene	12.34	142	1281	0.094	ng/ul	98
7) Acenaphthylene	14.23	152	2418	0.127	ng/ul#	76
8) Acenaphthene	14.57	153	4165	0.265	ng/ul	95
9) Fluorene	15.55	166	3549	0.193	ng/ul#	79
11) Pentachlorophenol	16.94	266	210	0.184	ng/ul#	39
12) Phenanthrene	17.27	178	13819	0.544	ng/ul#	79
13) Anthracene	17.36	178	15863	0.642	ng/ul#	79
15) Fluoranthene	19.29	202	83969	2.516	ng/ul	86
17) Pyrene	19.65	202	115116	105.277	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	36190	34.712	ng/ul#	78
19) Chrysene	21.39	228	36190	30.058	ng/ul#	81
21) Benzo(b)fluoranthene	23.16	252	62159	0.051	ng/ul#	1
22) Benzo(k)fluoranthene	23.16	252	62159	0.044	ng/ul#	1
23) Benzo(a)pyrene	23.71	252	33991	0.027	ng/ul#	1

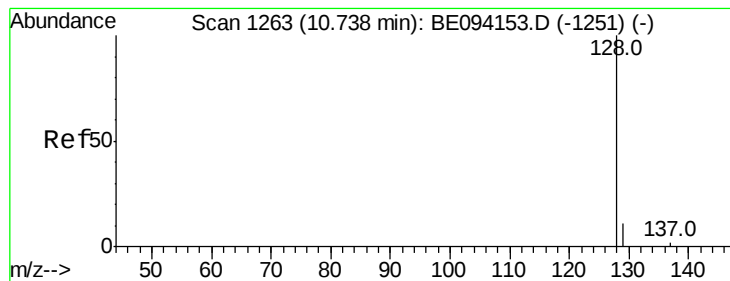
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.174 ng/ul

RT: 10.73 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

Instrument :

BNA_E

ClientSampleId :

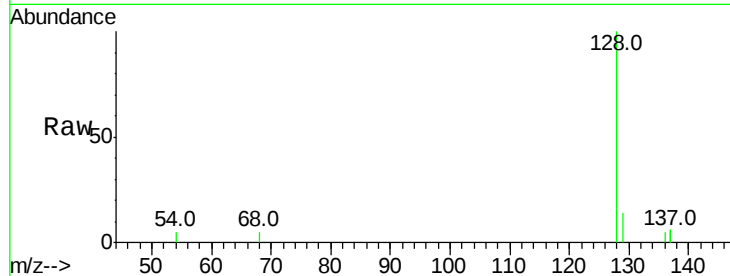
Tot Ion:128 Resp: 3644

Ion Ratio Lower Upper

128 100

129 13.6 11.3 16.9

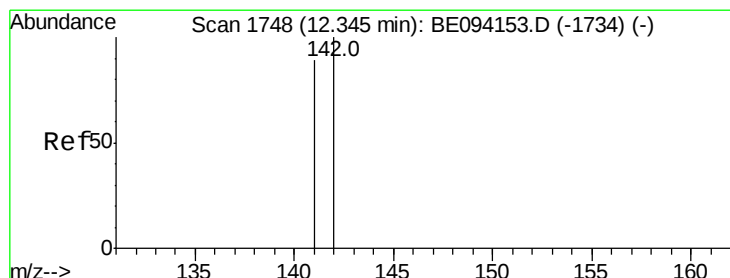
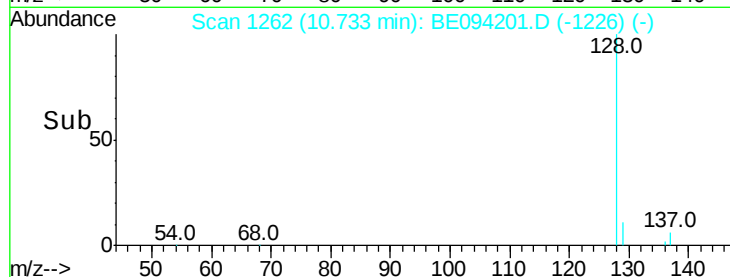
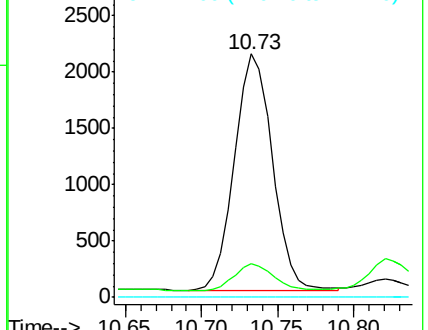
127 0.0 4.0 6.0#



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: 0.094 ng/ul

RT: 12.34 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BE094201.D

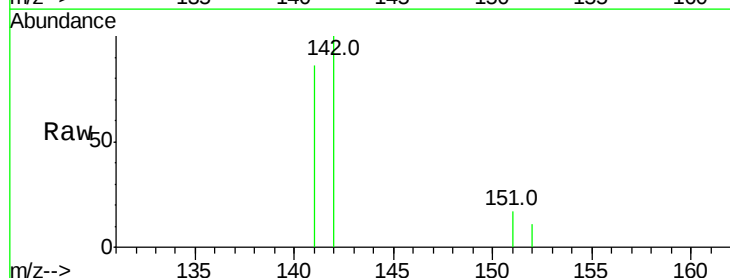
Acq: 7 Oct 2017 14:12

Tgt Ion:142 Resp: 1281

Ion Ratio Lower Upper

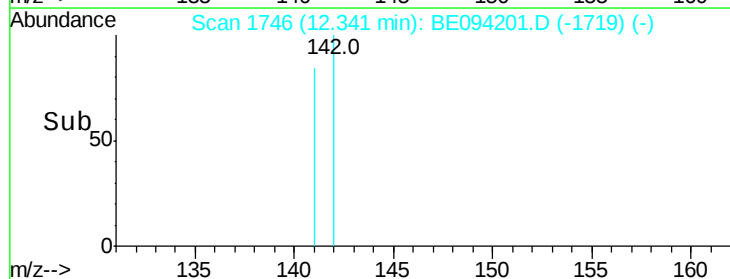
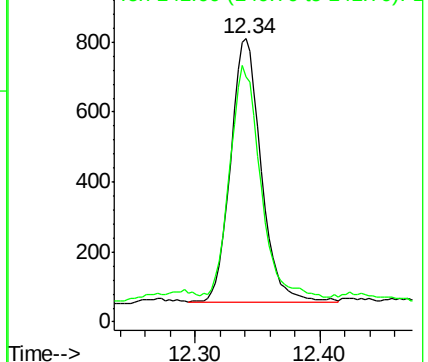
142 100

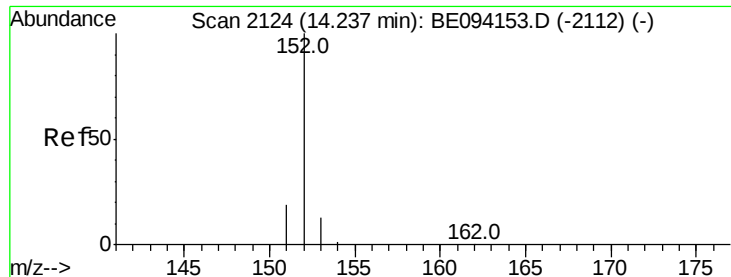
141 88.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.127 ng/ul

RT: 14.23 min Scan# 2122

Delta R.T. -0.02 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

Instrument :

BNA_E

ClientSampleId :

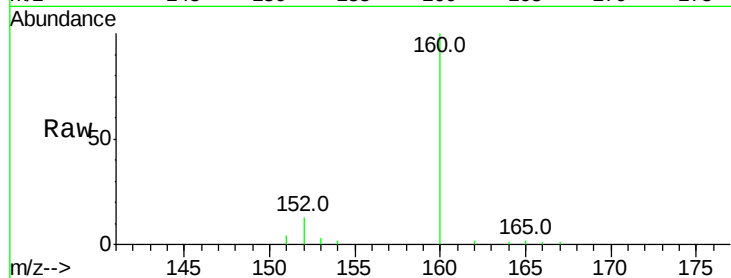
Tot Ion:152 Resp: 2418

Ion Ratio Lower Upper

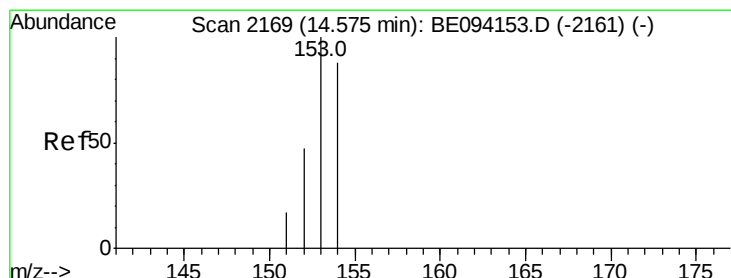
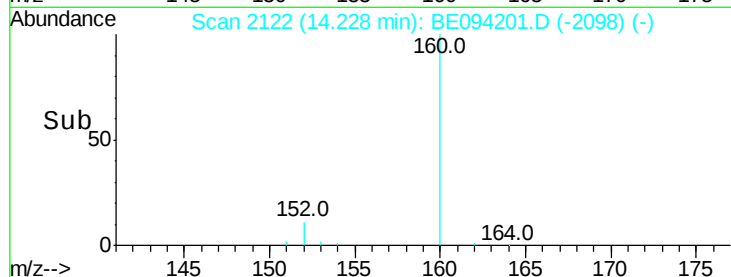
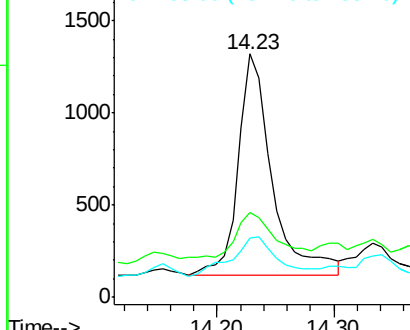
152 100

151 34.7 17.1 25.7#

153 24.1 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: 0.265 ng/ul

RT: 14.57 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

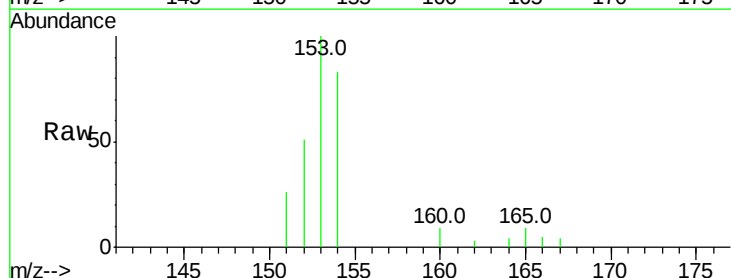
Tgt Ion:153 Resp: 4165

Ion Ratio Lower Upper

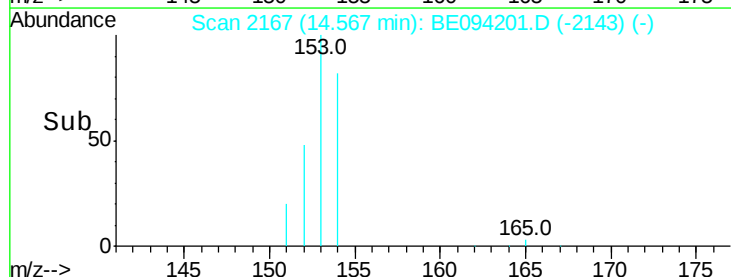
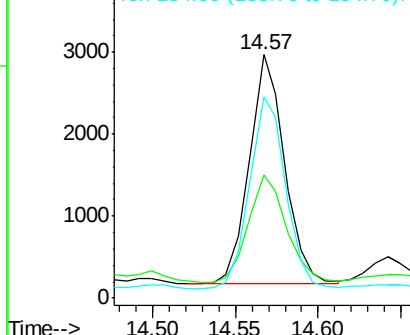
153 100

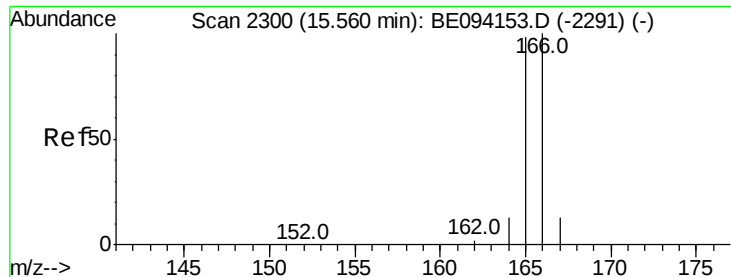
152 50.9 40.3 60.5

154 82.9 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: 0.193 ng/ul

RT: 15.55 min Scan# 2298

Delta R.T. -0.03 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

Instrument :

BNA_E

ClientSampleId :

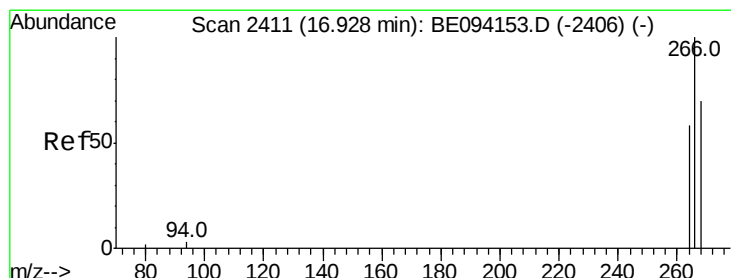
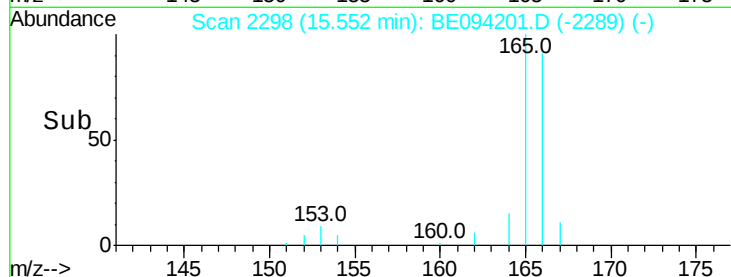
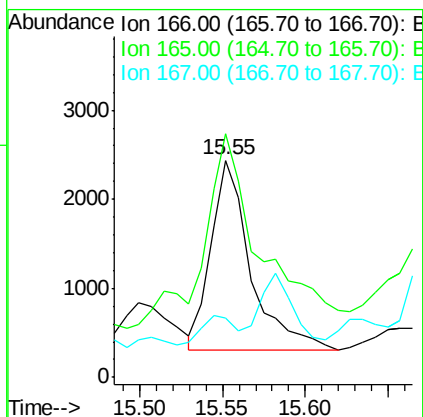
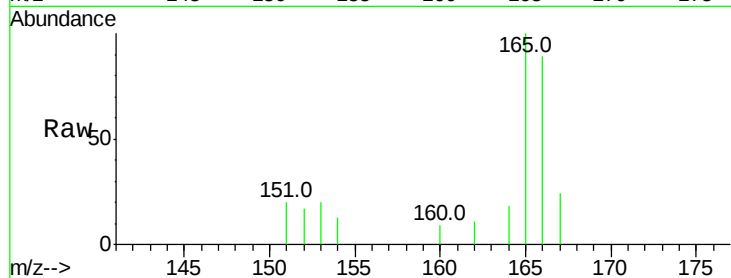
Tot Ion:166 Resp: 3549

Ion Ratio Lower Upper

166 100

165 112.3 73.4 110.2#

167 27.1 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.184 ng/ul

RT: 16.94 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

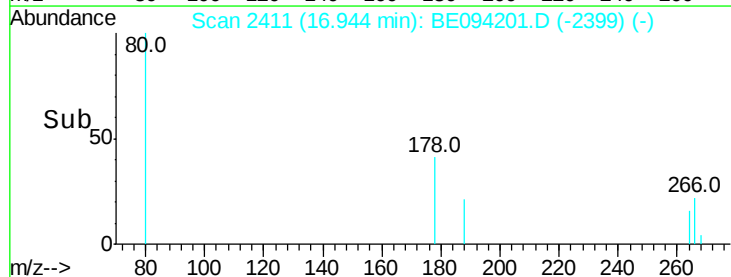
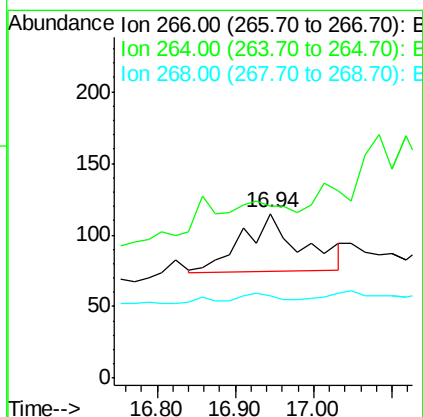
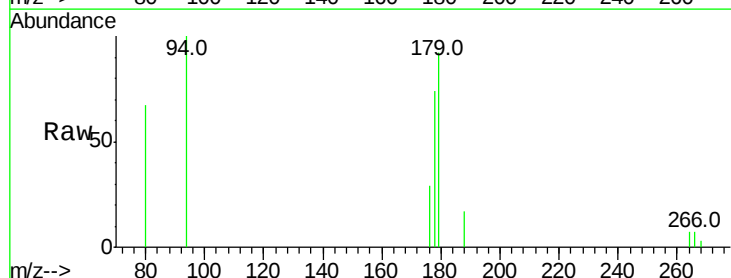
Tgt Ion:266 Resp: 210

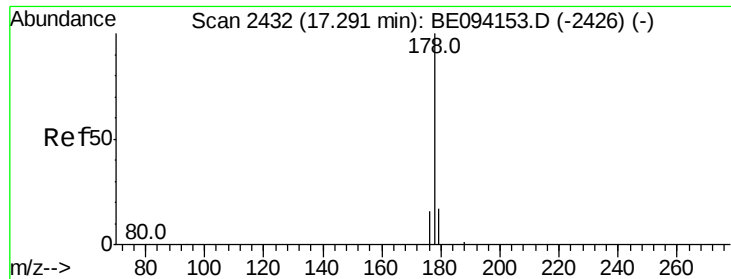
Ion Ratio Lower Upper

266 100

264 21.9 47.9 71.9#

268 7.6 49.8 74.8#





#12

Phenanthrene

Concen: 0.544 ng/ul

RT: 17.27 min Scan# 2430

Delta R.T. -0.04 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

Instrument :

BNA_E

ClientSampleId :

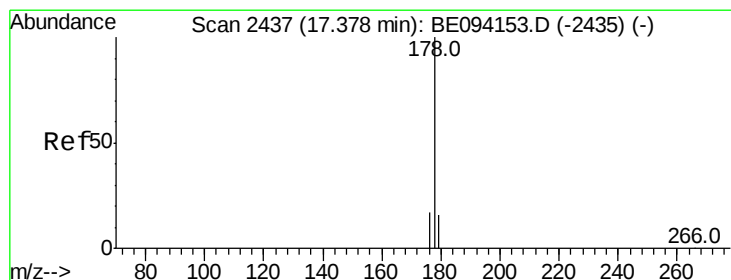
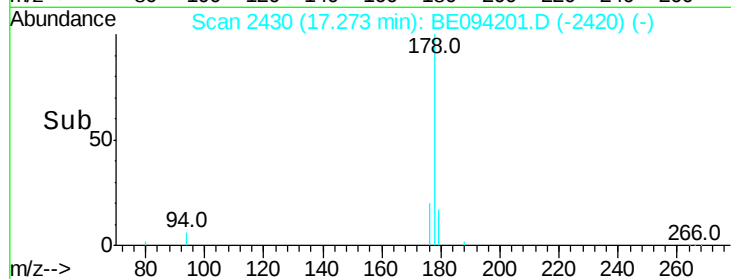
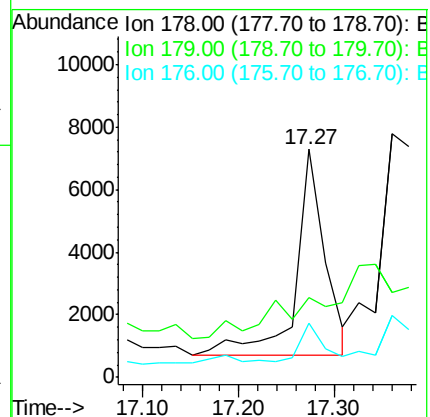
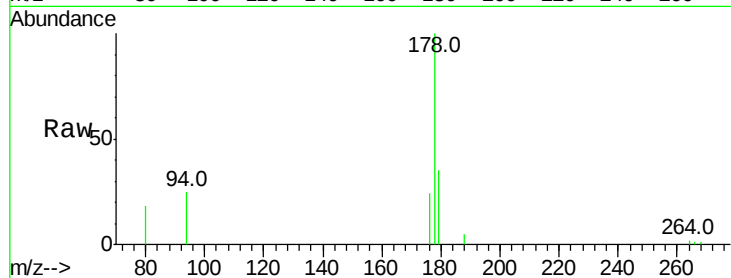
Tot Ion:178 Resp: 13819

Ion Ratio Lower Upper

178 100

179 35.2 18.4 27.6#

176 23.7 13.6 20.4#



#13

Anthracene

Concen: 0.642 ng/ul

RT: 17.36 min Scan# 2435

Delta R.T. -0.04 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

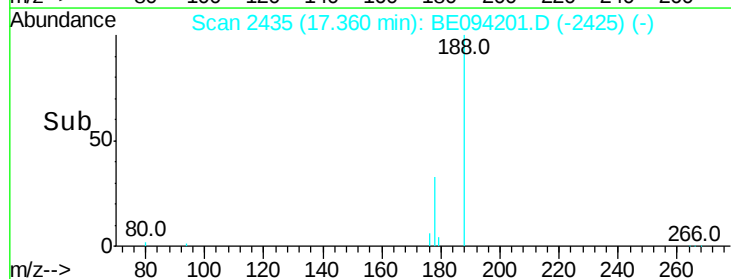
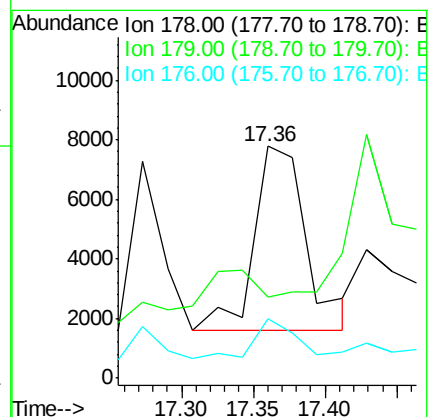
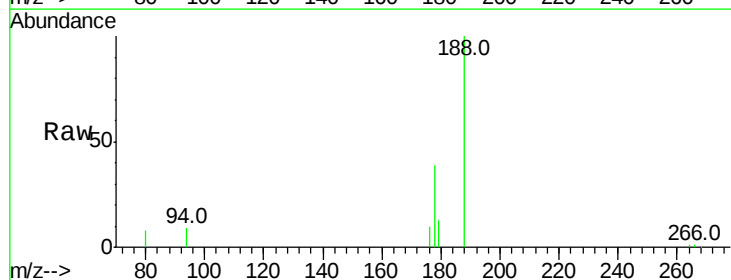
Tgt Ion:178 Resp: 15863

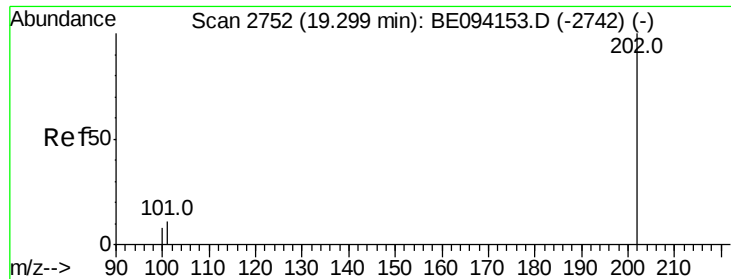
Ion Ratio Lower Upper

178 100

179 34.7 18.1 27.1#

176 25.3 14.7 22.1#

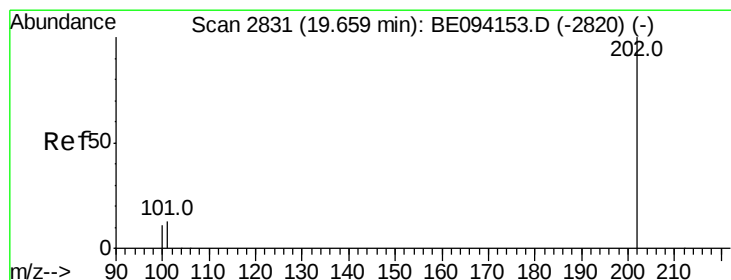
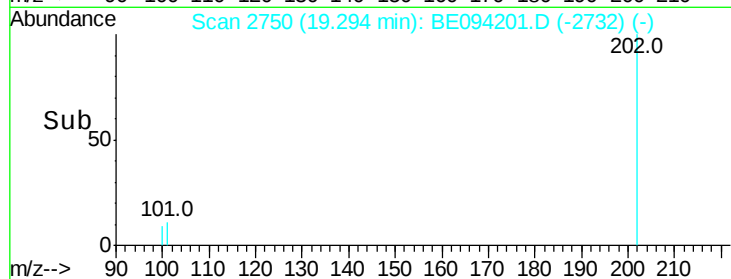
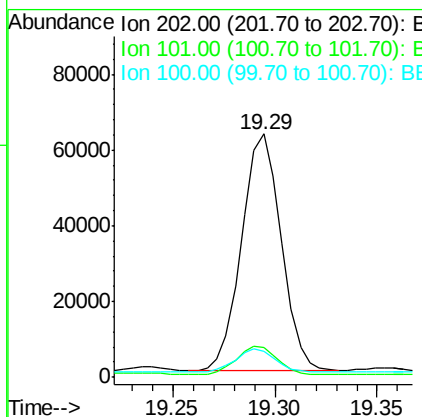
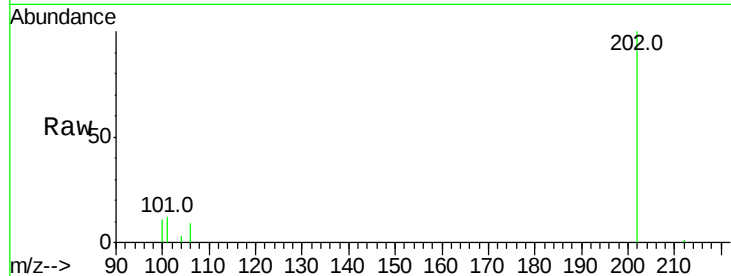




#15
 Fluoranthene
 Concen: 2.516 ng/ul
 RT: 19.29 min Scan# 2750
 Delta R.T. -0.02 min
 Lab File: BE094201.D
 Acq: 7 Oct 2017 14:12

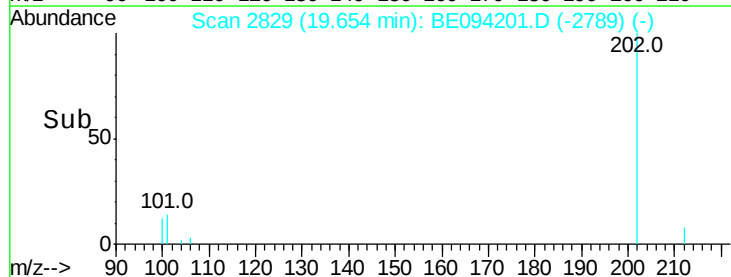
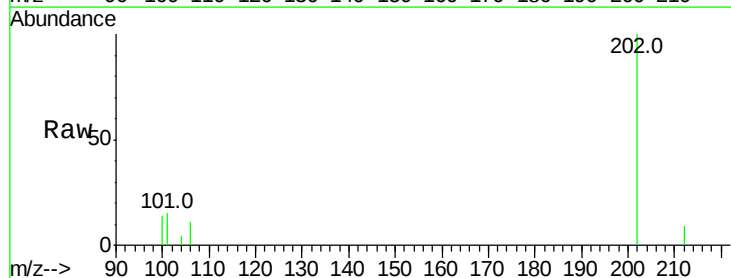
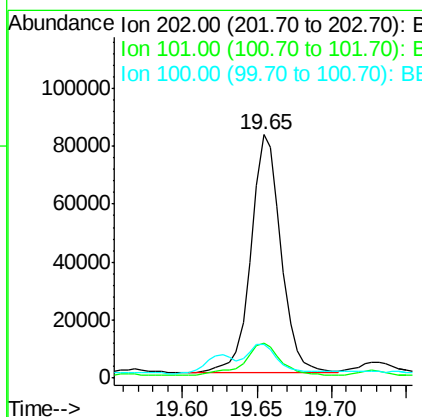
Instrument :
 BNA_E
 ClientSampleId :

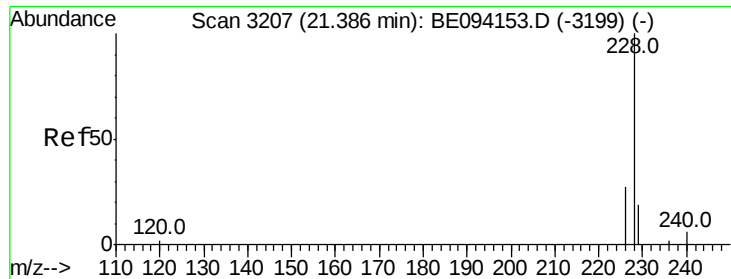
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.3
100	10.7	0.0	39.5



#17
 Pyrene
 Concen: 105.277 ng/ul
 RT: 19.65 min Scan# 2829
 Delta R.T. -0.02 min
 Lab File: BE094201.D
 Acq: 7 Oct 2017 14:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	18.2	27.4#
100	14.0	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 34.712 ng/ul

RT: 21.39 min Scan# 3208

Delta R.T. -0.01 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

Instrument :

BNA_E

ClientSampleId :

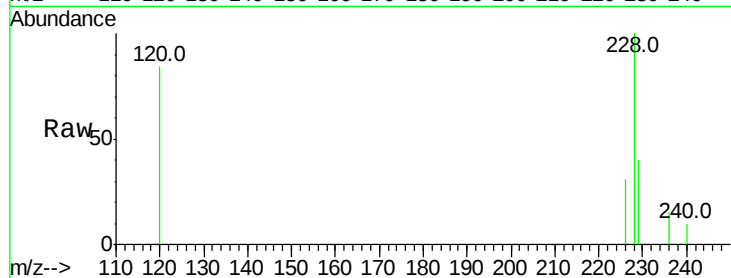
Tot Ion:228 Resp: 36190

Ion Ratio Lower Upper

228 100

229 40.4 22.8 34.2#

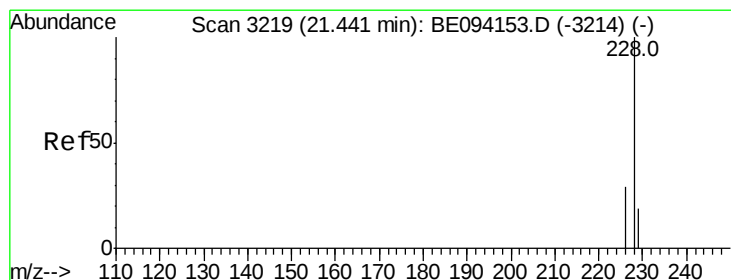
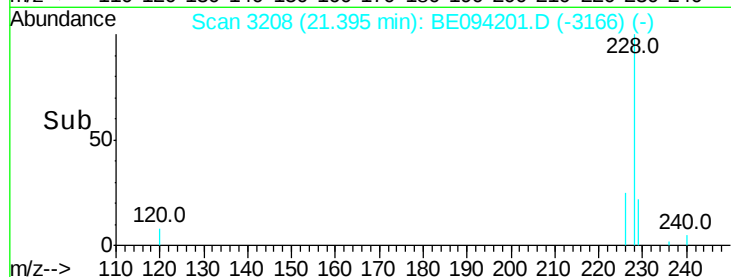
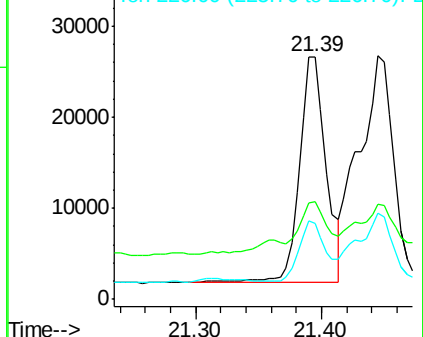
226 31.2 17.0 25.6#



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: 30.058 ng/ul

RT: 21.39 min Scan# 3208

Delta R.T. -0.06 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

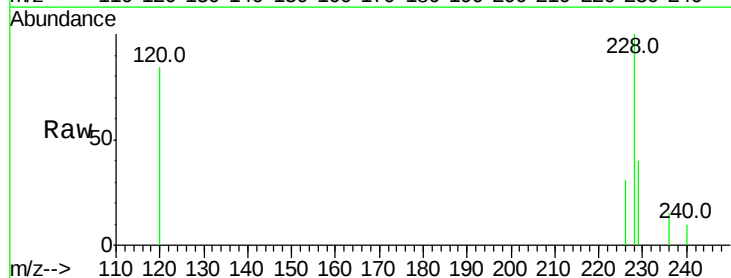
Tgt Ion:228 Resp: 36190

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.0

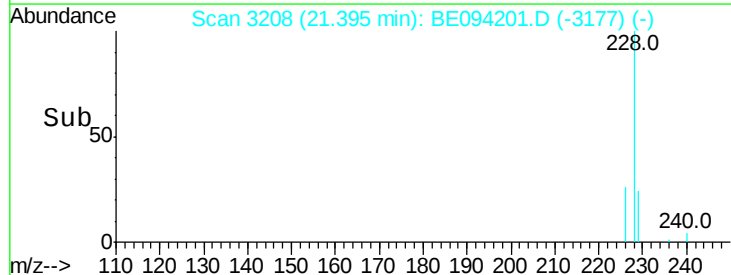
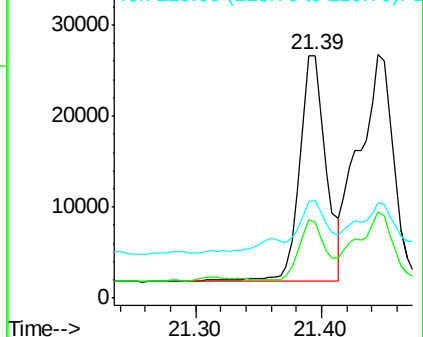
229 40.4 17.7 26.5#

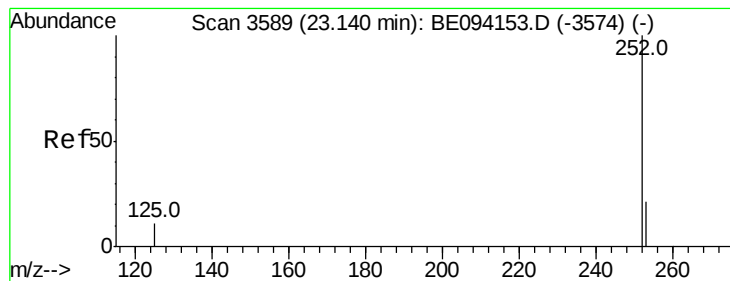


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.051 ng/u1

RT: 23.16 min Scan# 3593

Delta R.T. 0.01 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

Instrument :

BNA_E

ClientSampleId :

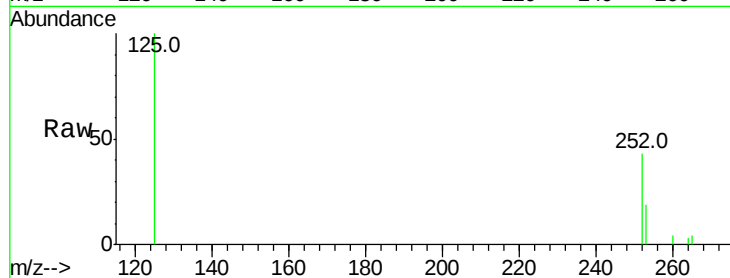
Tot Ion:252 Resp: 62159

Ion Ratio Lower Upper

252 100

253 45.1 0.0 64.2

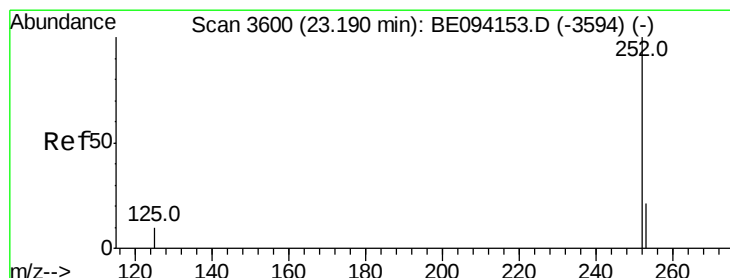
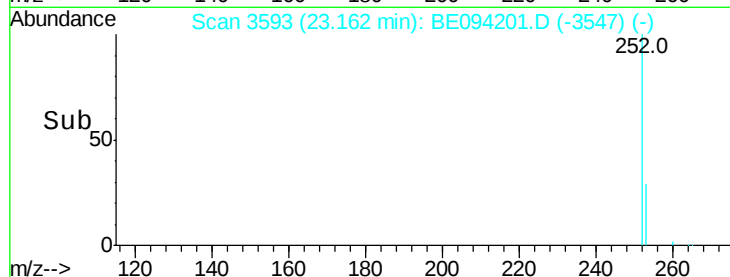
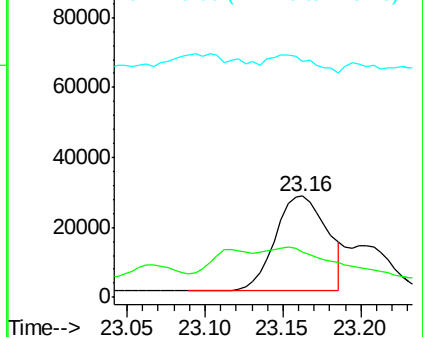
125 233.4 0.0 35.0#



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: 0.044 ng/u1

RT: 23.16 min Scan# 3593

Delta R.T. -0.04 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

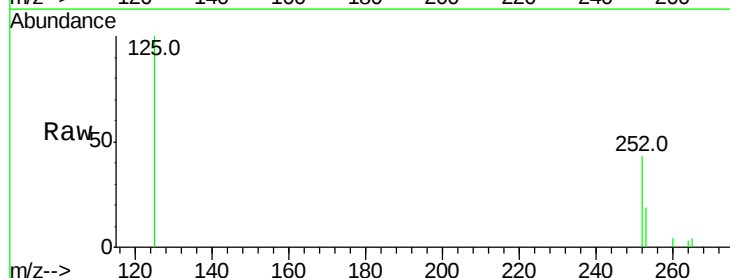
Tgt Ion:252 Resp: 62159

Ion Ratio Lower Upper

252 100

253 45.1 24.5 36.7#

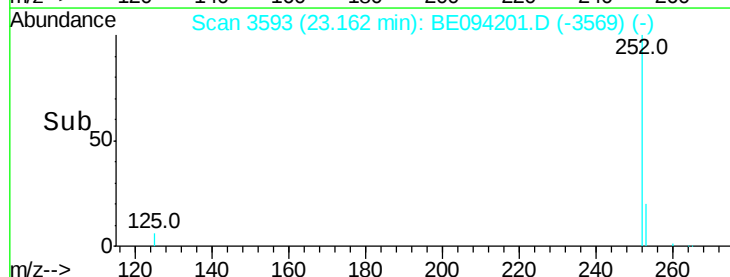
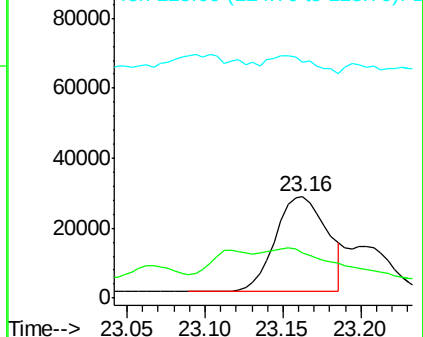
125 233.4 13.7 20.5#

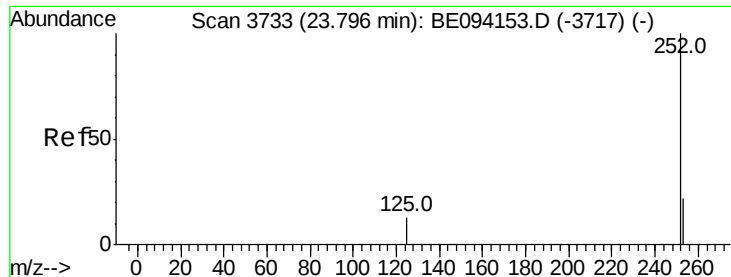


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.027 ng/ul

RT: 23.71 min Scan# 3714

Delta R.T. -0.10 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

Instrument :

BNA_E

ClientSampleId :

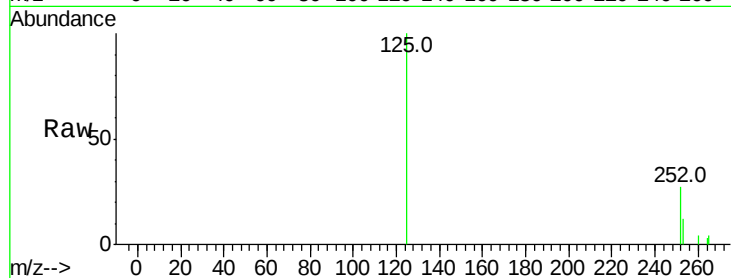
Tot Ion:252 Resp: 33991

Ion Ratio Lower Upper

252 100

253 42.8 28.5 42.7#

125 370.4 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

