

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094296.D
 Acq On : 12 Oct 2017 1:22
 Operator : SJ/JU
 Sample : I5490-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 08:58:09 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 08:55:52 2017
 Response via : Initial Calibration

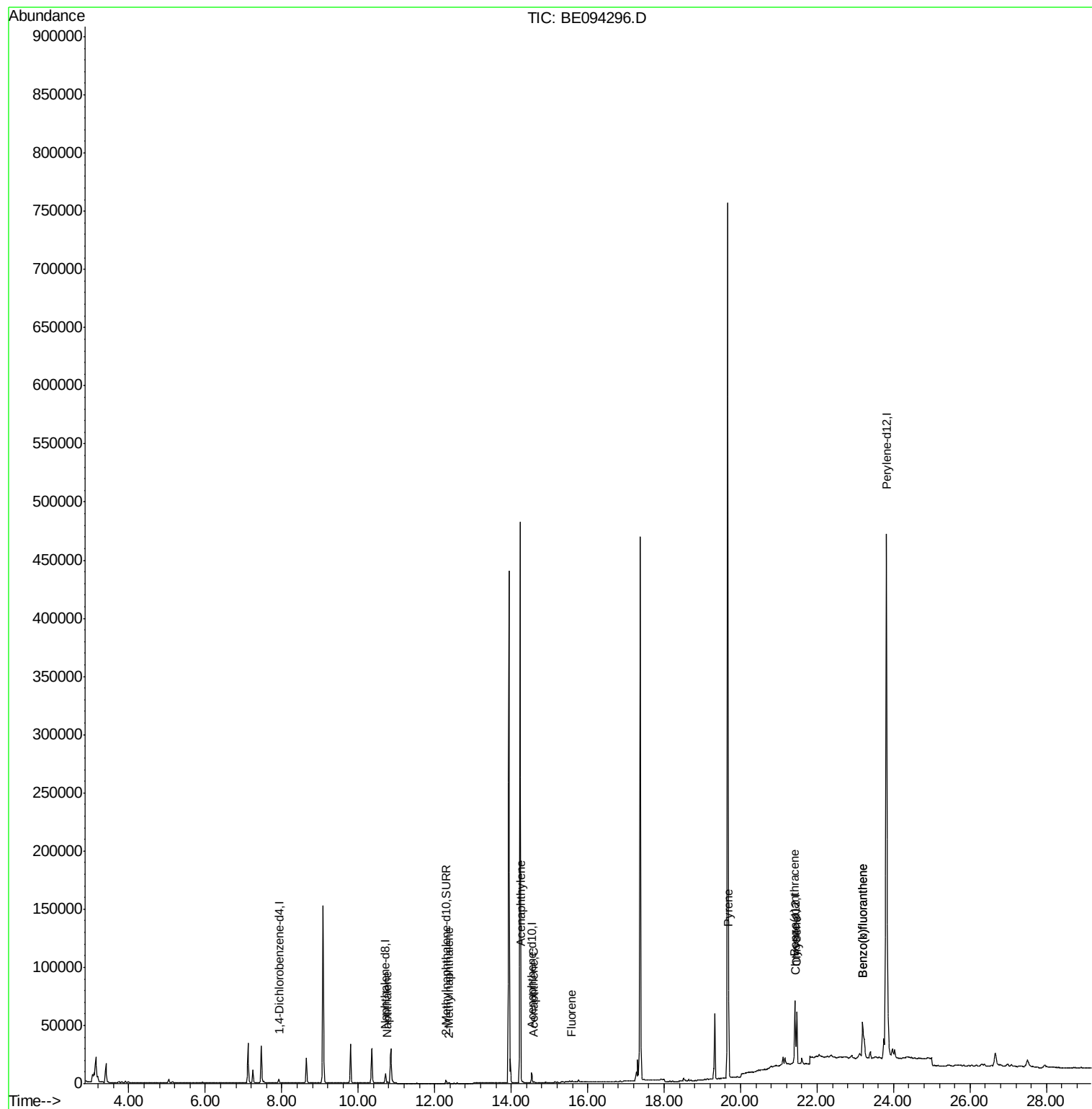
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1740	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8619	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	5092	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.26
16) Chrysene-d12	21.44	240	9796	0.40	ng/ul	0.00
20) Perylene-d12	23.81	264	693155	0.40	ng/ul	-0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	4276	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	9867	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	1473	0.070	ng/ul#	88
5) 2-Methylnaphthalene	12.37	142	506	0.037	ng/ul	97
7) Acenaphthylene	14.26	152	1264	0.064	ng/ul#	78
8) Acenaphthene	14.60	153	559	0.034	ng/ul	93
9) Fluorene	15.58	166	589	0.031	ng/ul#	70
17) Pyrene	19.69	202	70319	2.580	ng/ul#	80
18) Benzo(a)anthracene	21.42	228	48910	1.882	ng/ul#	89
19) Chrysene	21.47	228	47272	1.575	ng/ul#	84
21) Benzo(b)fluoranthene	23.20	252	50623	0.027	ng/ul#	69
22) Benzo(k)fluoranthene	23.20	252	50623	0.023	ng/ul#	67

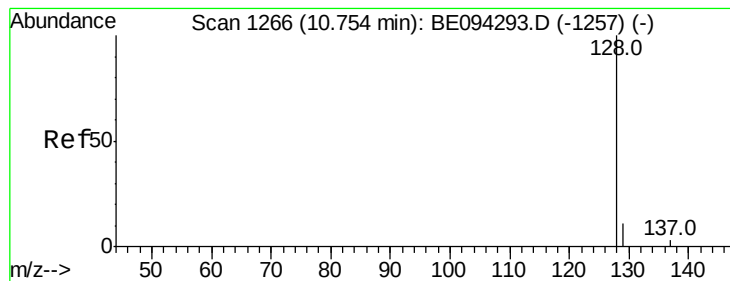
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.070 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE094296.D

Acq: 12 Oct 2017 1:22

Instrument :

BNA_E

ClientSampleId :

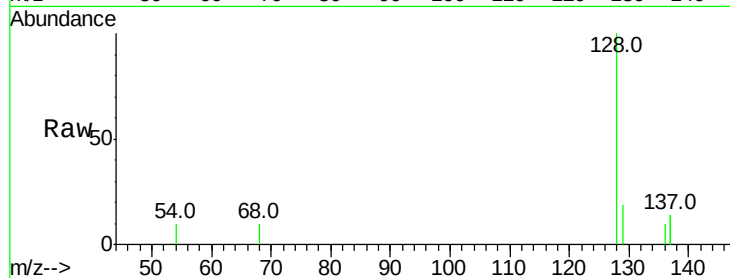
Tot Ion:128 Resp: 1473

Ion Ratio Lower Upper

128 100

129 18.7 11.3 16.9#

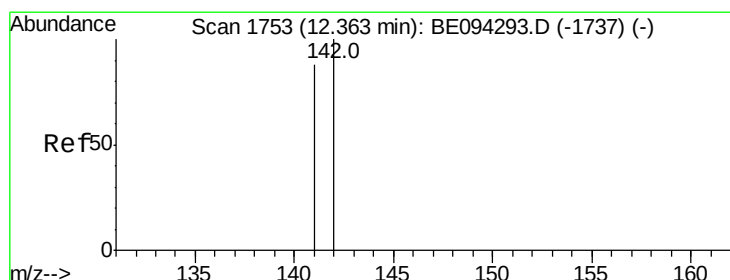
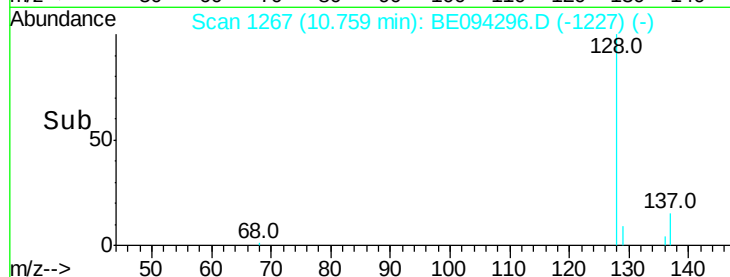
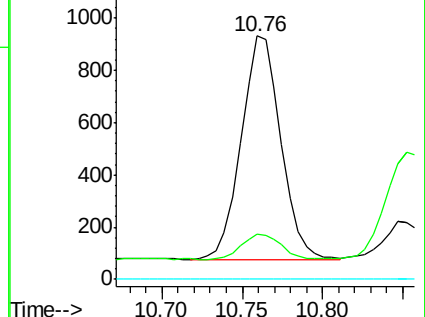
127 0.0 4.0 6.0#



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: 0.037 ng/ul

RT: 12.37 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BE094296.D

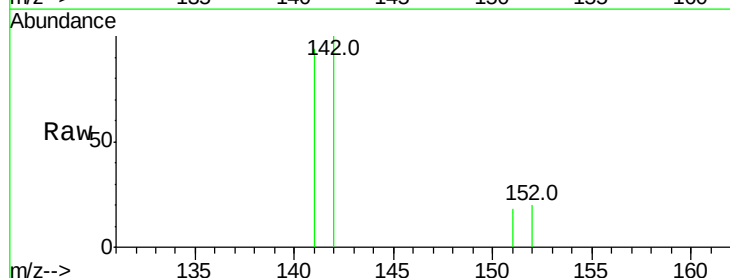
Acq: 12 Oct 2017 1:22

Tgt Ion:142 Resp: 506

Ion Ratio Lower Upper

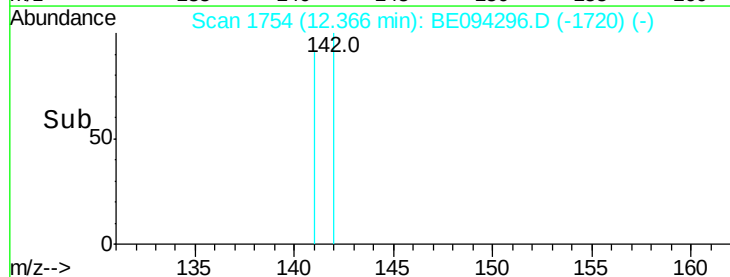
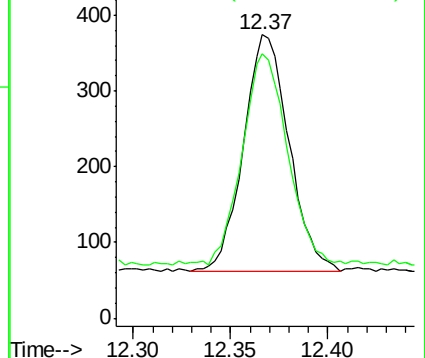
142 100

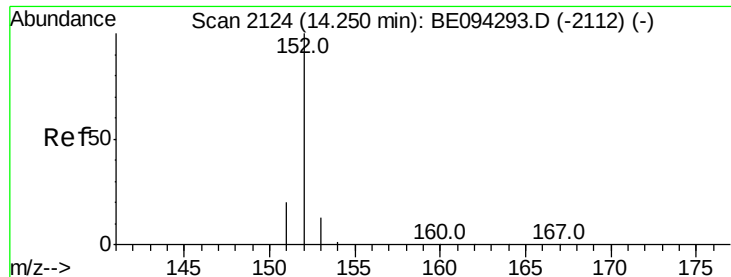
141 87.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.064 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BE094296.D

Acq: 12 Oct 2017 1:22

Instrument :

BNA_E

ClientSampleId :

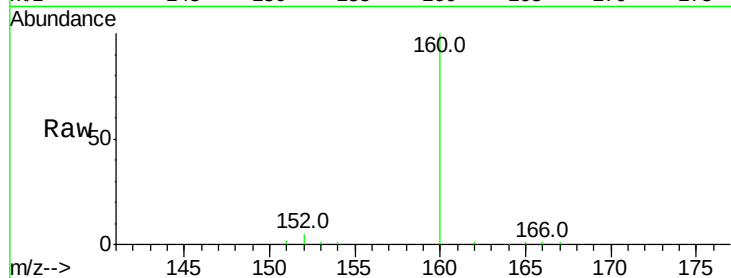
Tot Ion:152 Resp: 1264

Ion Ratio Lower Upper

152 100

151 32.4 17.1 25.7#

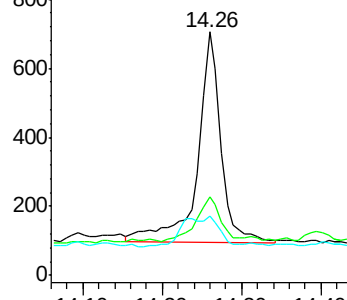
153 24.2 12.8 19.2#



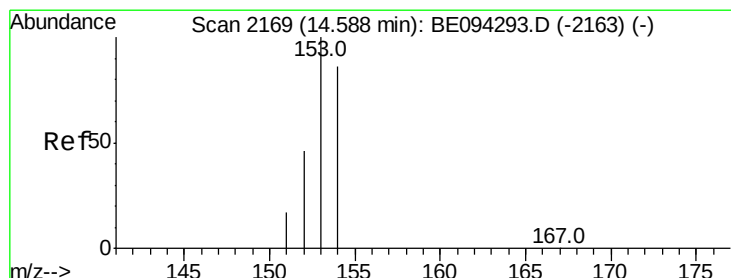
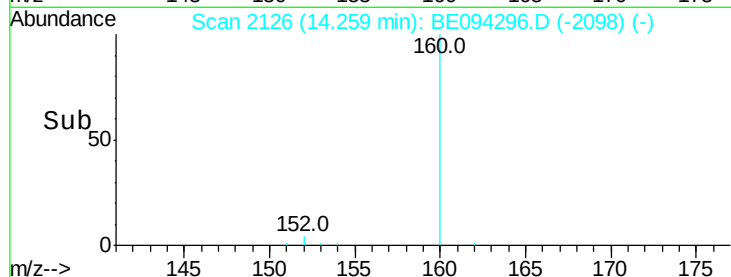
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.034 ng/ul

RT: 14.60 min Scan# 2171

Delta R.T. 0.01 min

Lab File: BE094296.D

Acq: 12 Oct 2017 1:22

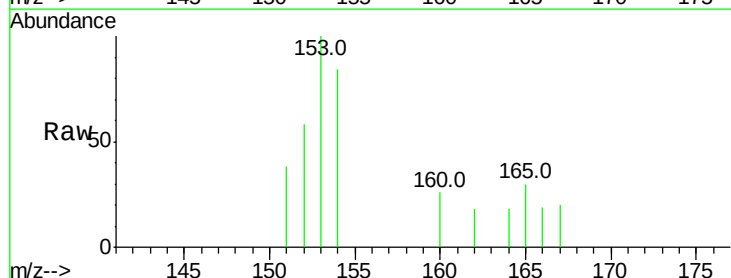
Tgt Ion:153 Resp: 559

Ion Ratio Lower Upper

153 100

152 57.6 40.3 60.5

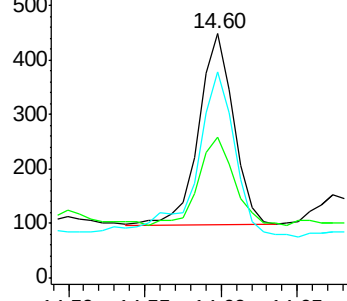
154 84.2 71.4 107.2



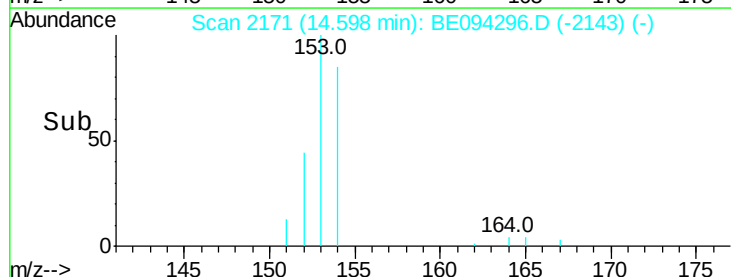
Abundance Ion 153.00 (152.70 to 153.70): E

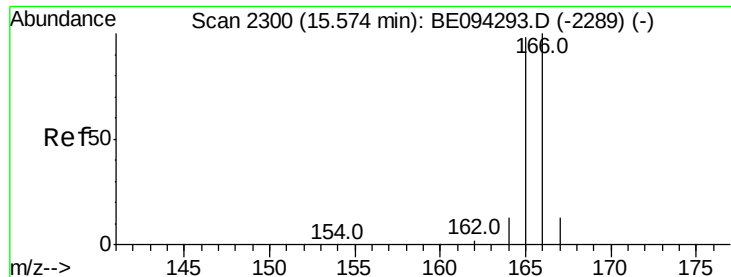
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.031 ng/ul

RT: 15.58 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BE094296.D

Acq: 12 Oct 2017 1:22

Instrument :

BNA_E

ClientSampleId :

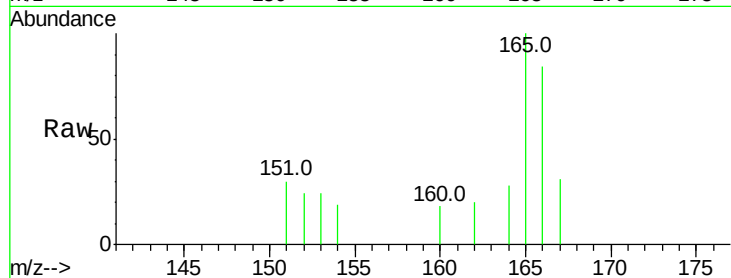
Tot Ion:166 Resp: 589

Ion Ratio Lower Upper

166 100

165 118.5 73.4 110.2#

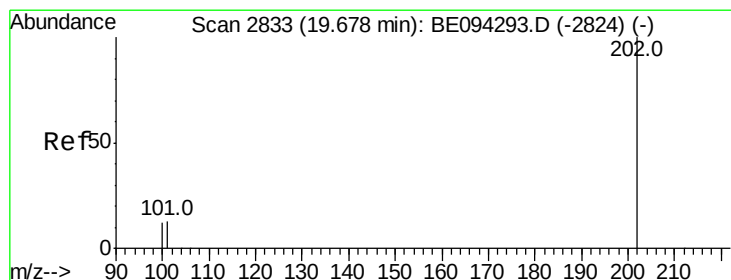
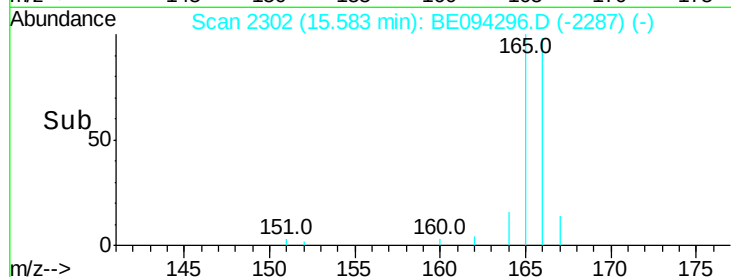
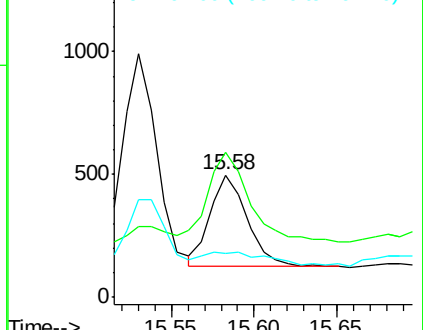
167 36.2 14.6 22.0#



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



#17

Pyrene

Concen: 2.580 ng/ul

RT: 19.69 min Scan# 2837

Delta R.T. 0.01 min

Lab File: BE094296.D

Acq: 12 Oct 2017 1:22

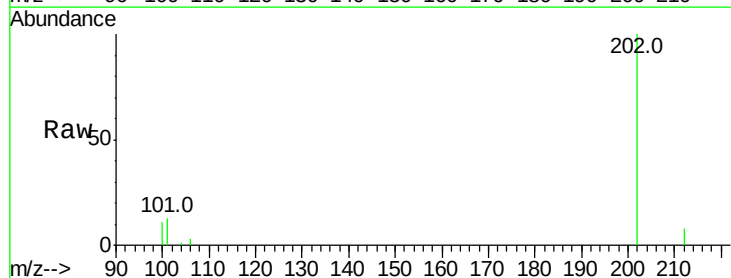
Tgt Ion:202 Resp: 70319

Ion Ratio Lower Upper

202 100

101 12.8 18.2 27.4#

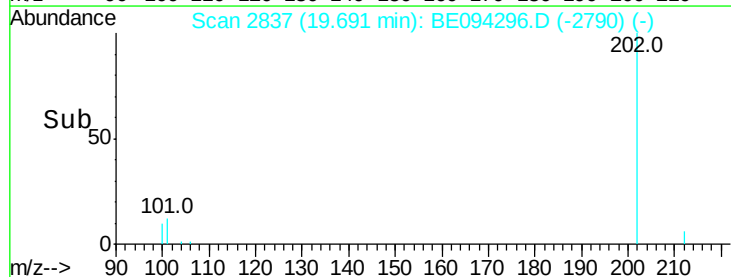
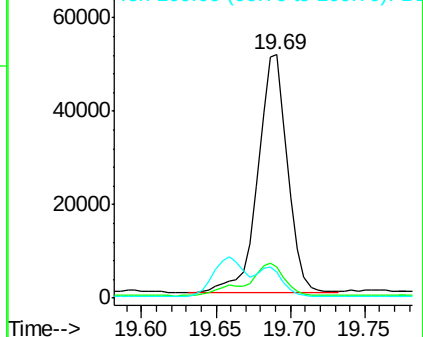
100 10.6 15.6 23.4#

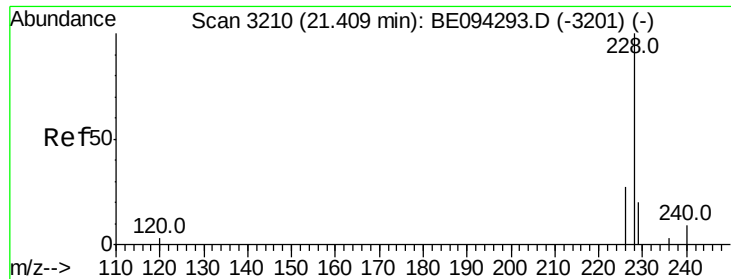


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 1.882 ng/ul

RT: 21.42 min Scan# 3213

Delta R.T. 0.01 min

Lab File: BE094296.D

Acq: 12 Oct 2017 1:22

Instrument :

BNA_E

ClientSampleId :

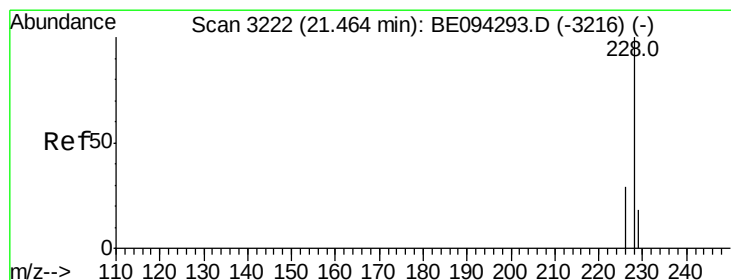
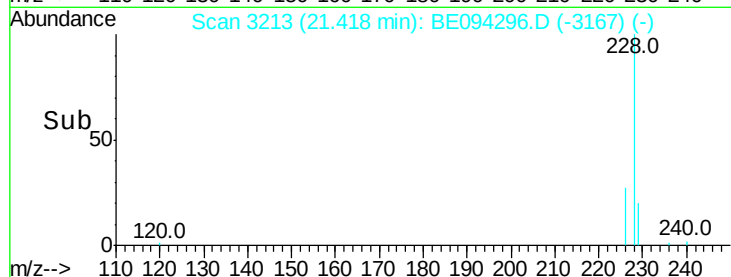
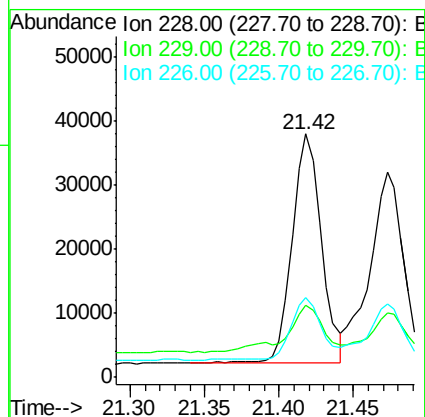
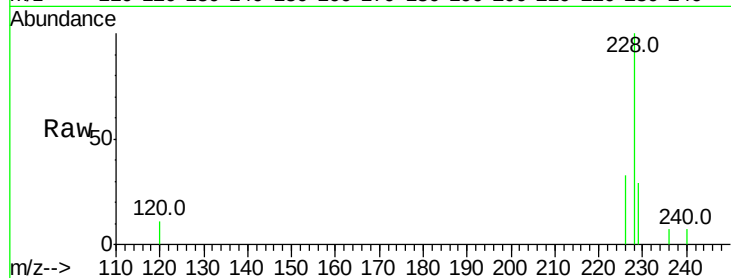
Tot Ion:228 Resp: 48910

Ion Ratio Lower Upper

228 100

229 29.4 22.8 34.2

226 32.9 17.0 25.6#



#19

Chrysene

Concen: 1.575 ng/ul

RT: 21.47 min Scan# 3225

Delta R.T. 0.01 min

Lab File: BE094296.D

Acq: 12 Oct 2017 1:22

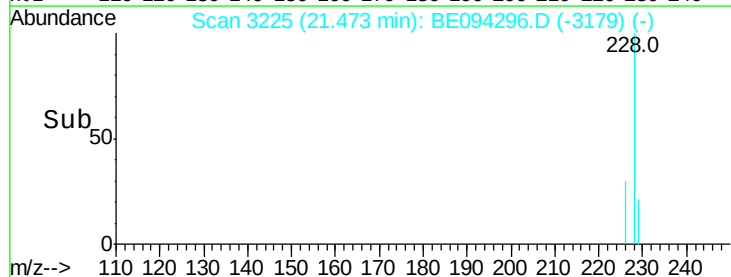
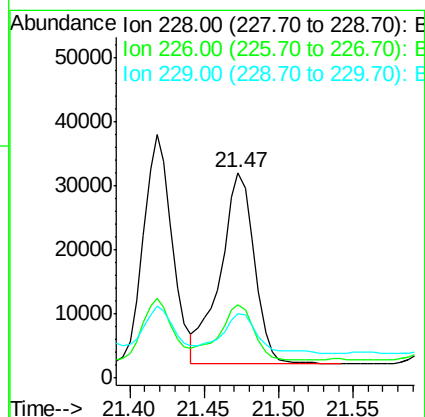
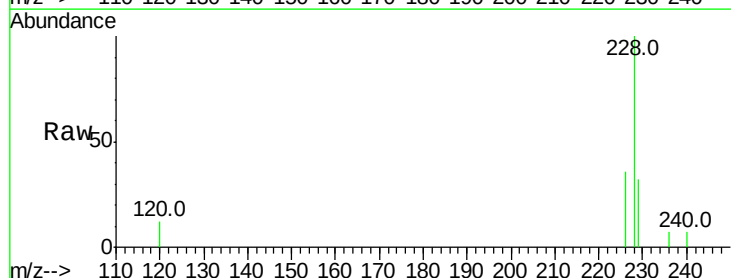
Tgt Ion:228 Resp: 47272

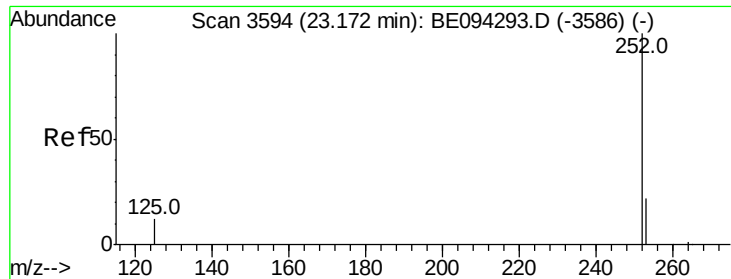
Ion Ratio Lower Upper

228 100

226 35.9 23.4 35.0#

229 31.5 17.7 26.5#

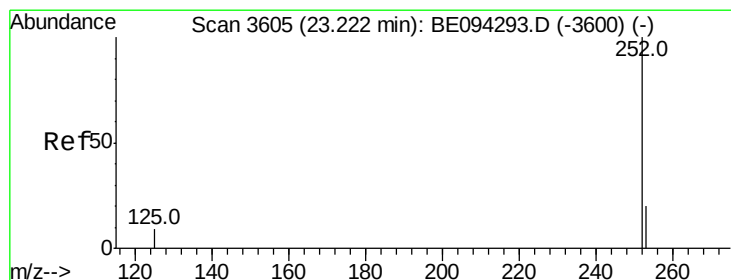
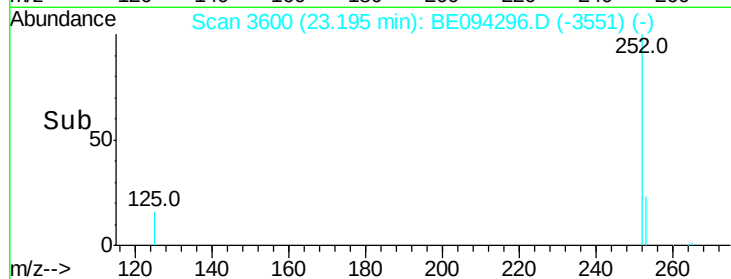
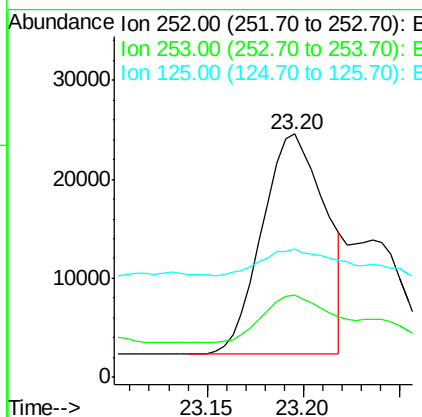
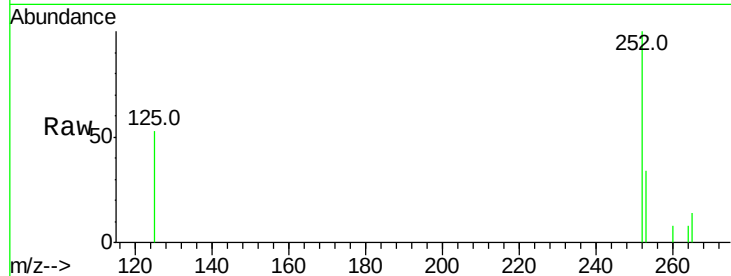




#21
Benzo(b)fluoranthene
Concen: 0.027 ng/ul
RT: 23.20 min Scan# 3600
Delta R.T. 0.02 min
Lab File: BE094296.D
Acq: 12 Oct 2017 1:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 50623
Ion Ratio Lower Upper
252 100
253 33.8 0.0 64.2
125 52.9 0.0 35.0#



#22
Benzo(k)fluoranthene
Concen: 0.023 ng/ul
RT: 23.20 min Scan# 3600
Delta R.T. -0.03 min
Lab File: BE094296.D
Acq: 12 Oct 2017 1:22

Tgt Ion:252 Resp: 50623
Ion Ratio Lower Upper
252 100
253 33.8 24.5 36.7
125 52.9 13.7 20.5#

