

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094326.D
 Acq On : 13 Oct 2017 15:55
 Operator : SJ/JU
 Sample : I5568-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 02:18:50 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 02:15:10 2017
 Response via : Initial Calibration

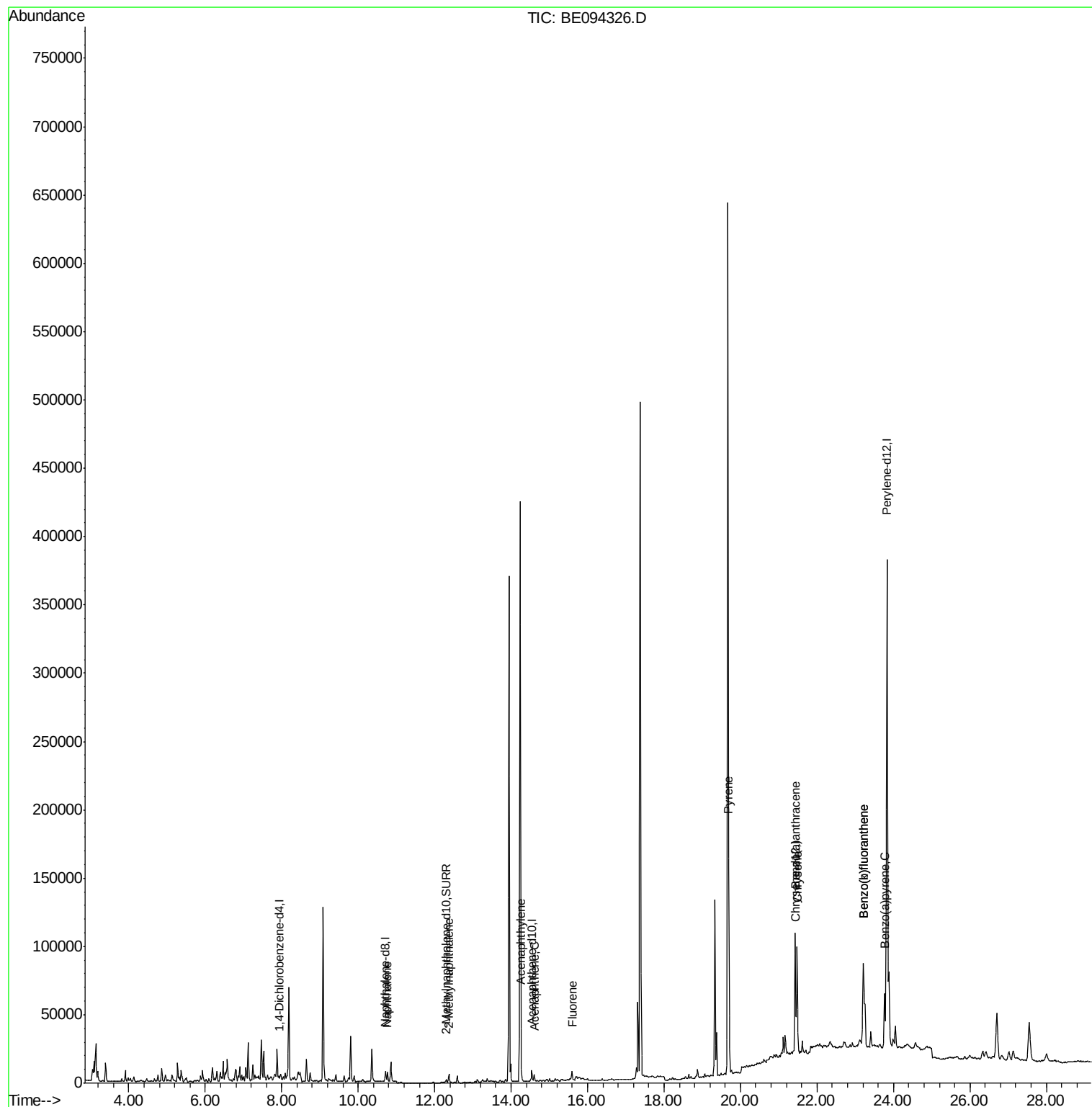
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1647	0.40	ng/ul	0.00
2) Naphthalene-d8	10.72	136	8353	0.40	ng/ul	0.02
6) Acenaphthene-d10	14.54	164	5075	0.40	ng/ul	0.01
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.26
16) Chrysene-d12	21.44	240	10704	0.40	ng/ul	0.02
20) Perylene-d12	23.83	264	545534	0.40	ng/ul	-0.12
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	3548	0.27	ng/ul	0.01
14) Fluoranthene-d10	19.30	212	8030	0.00	ng/ul	0.02
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	10432	0.510	ng/ul#	94
5) 2-Methylnaphthalene	12.37	142	5949	0.448	ng/ul	96
7) Acenaphthylene	14.27	152	4838	0.245	ng/ul#	91
8) Acenaphthene	14.60	153	3044	0.187	ng/ul	97
9) Fluorene	15.59	166	4399	0.231	ng/ul	91
17) Pyrene	19.70	202	153852	5.166	ng/ul#	83
18) Benzo(a)anthracene	21.43	228	81539	2.871	ng/ul#	90
19) Chrysene	21.48	228	85737	2.614	ng/ul#	88
21) Benzo(b)fluoranthene	23.21	252	112979	0.076	ng/ul	83
22) Benzo(k)fluoranthene	23.21	252	112979	0.066	ng/ul#	84
23) Benzo(a)pyrene	23.77	252	66344	0.043	ng/ul#	79

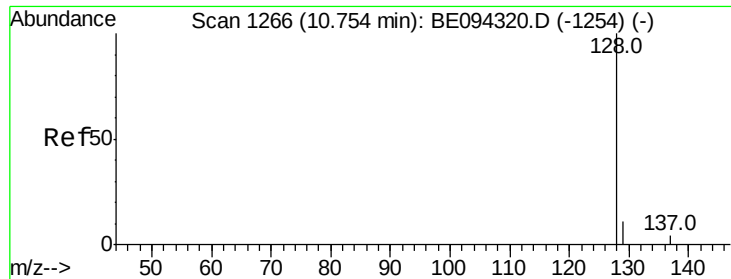
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 14 02:15:10 2017
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#3

Naphthalene

Concen: 0.510 ng/ul

RT: 10.76 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Instrument :

BNA_E

ClientSampleId :

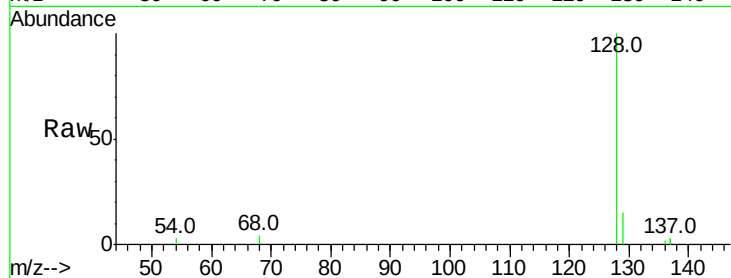
Tot Ion:128 Resp: 10432

Ion Ratio Lower Upper

128 100

129 15.0 11.3 16.9

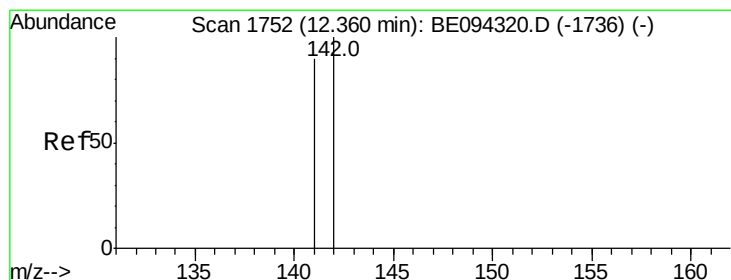
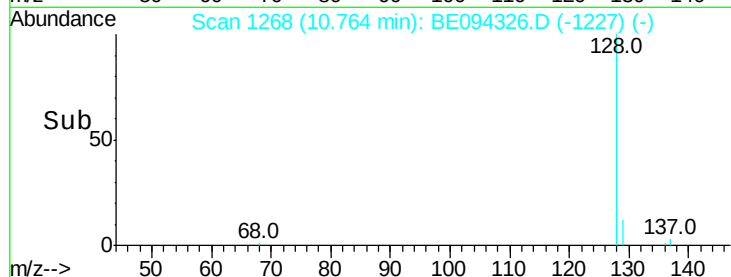
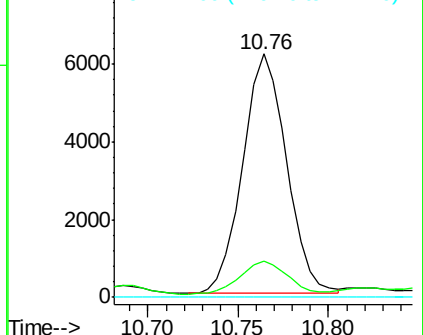
127 0.0 4.0 6.0#



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: 0.448 ng/ul

RT: 12.37 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BE094326.D

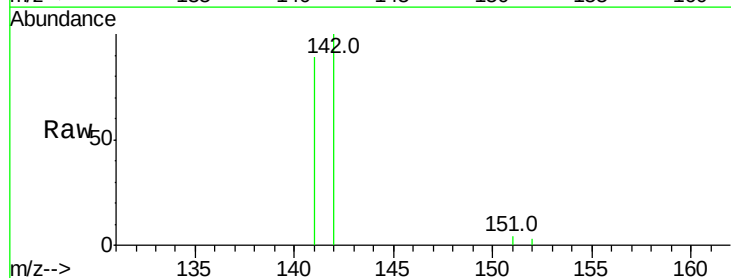
Acq: 13 Oct 2017 15:55

Tgt Ion:142 Resp: 5949

Ion Ratio Lower Upper

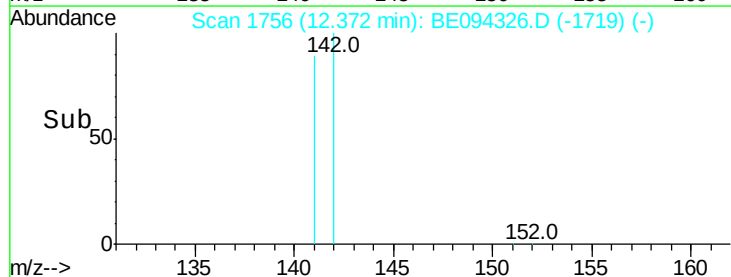
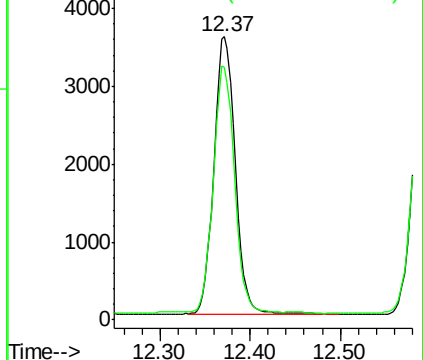
142 100

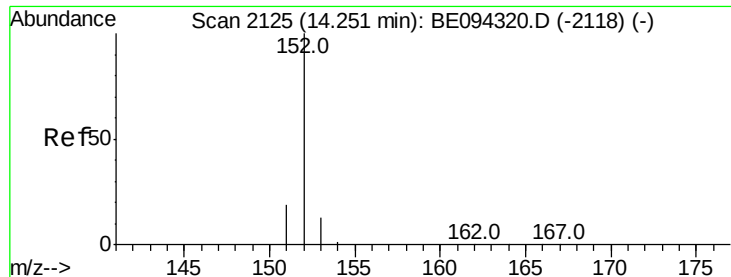
141 87.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.245 ng/ul

RT: 14.27 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Instrument :

BNA_E

ClientSampleId :

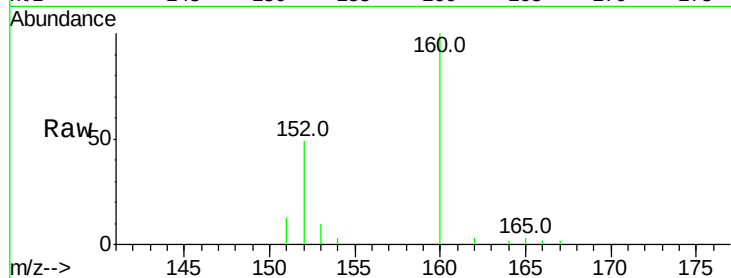
Tot Ion:152 Resp: 4838

Ion Ratio Lower Upper

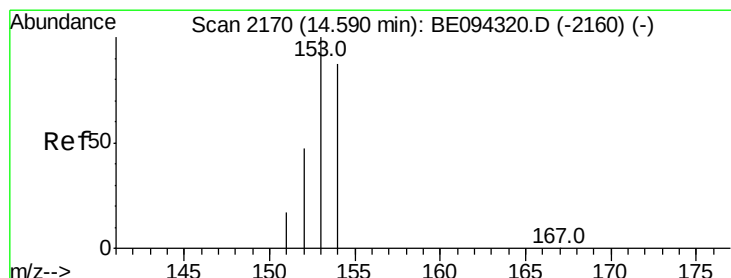
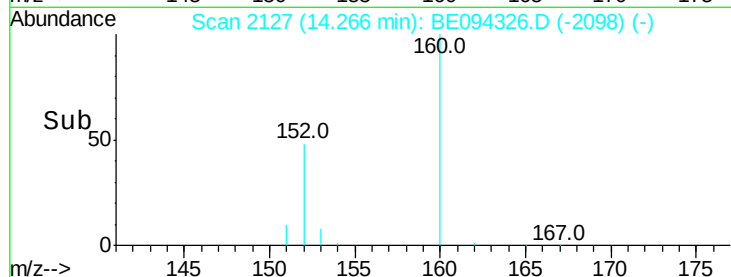
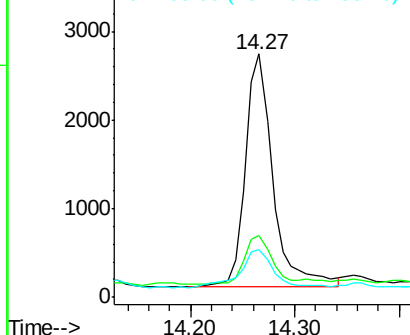
152 100

151 25.7 17.1 25.7

153 19.7 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: 0.187 ng/ul

RT: 14.60 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

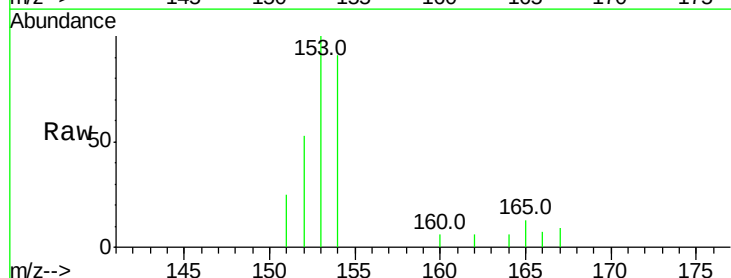
Tgt Ion:153 Resp: 3044

Ion Ratio Lower Upper

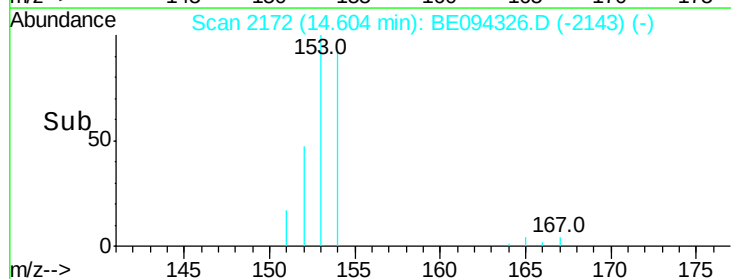
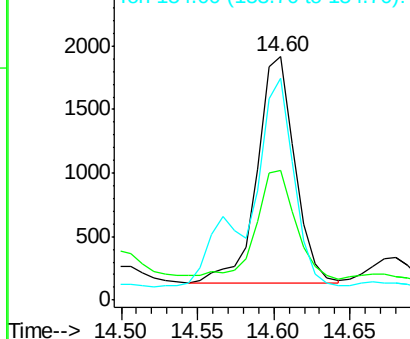
153 100

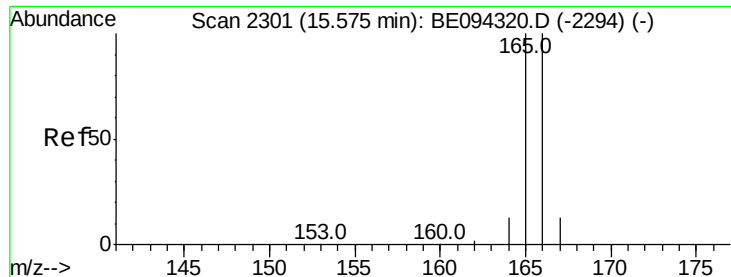
152 53.4 40.3 60.5

154 90.9 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: 0.231 ng/ul

RT: 15.59 min Scan# 2303

Delta R.T. 0.01 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Instrument :

BNA_E

ClientSampleId :

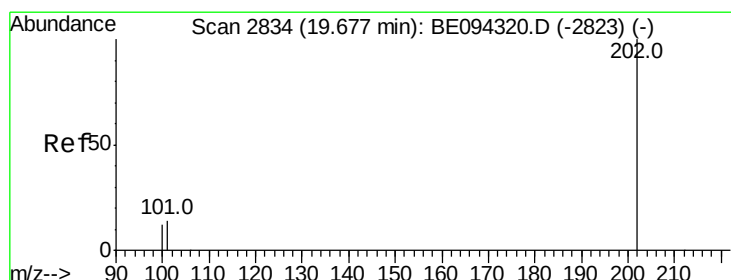
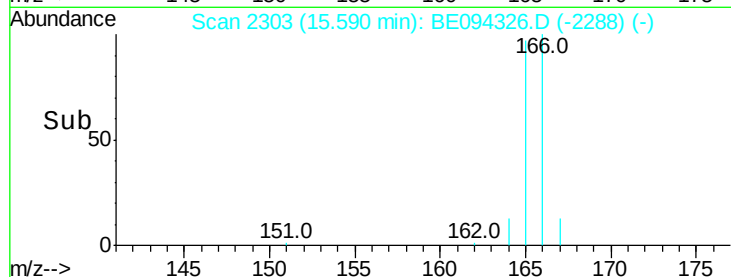
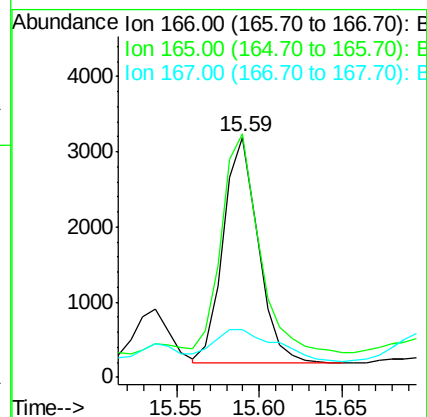
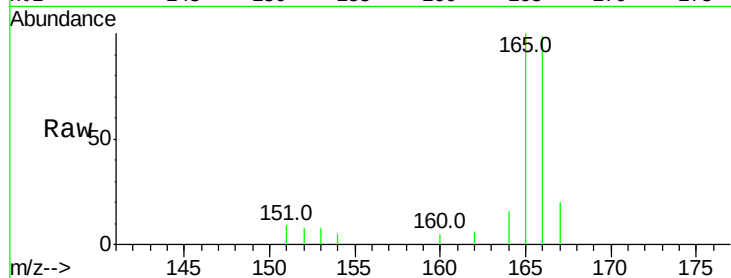
Tot Ion:166 Resp: 4399

Ion Ratio Lower Upper

166 100

165 101.5 73.4 110.2

167 19.9 14.6 22.0



#17

Pyrene

Concen: 5.166 ng/ul

RT: 19.70 min Scan# 2838

Delta R.T. 0.02 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

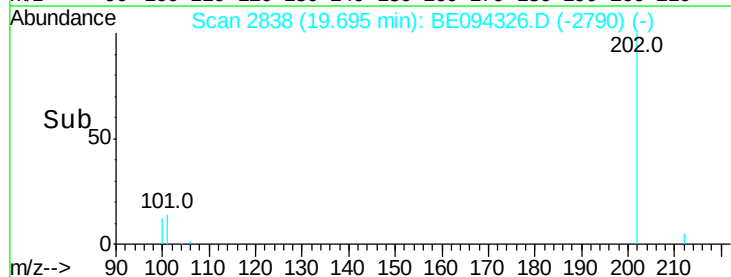
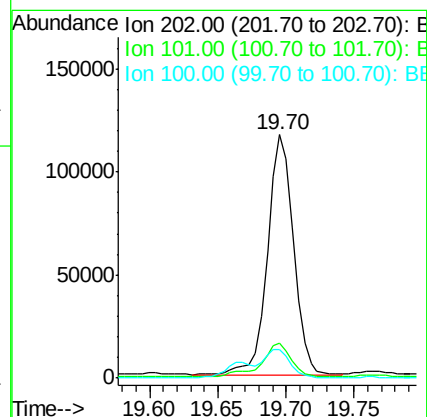
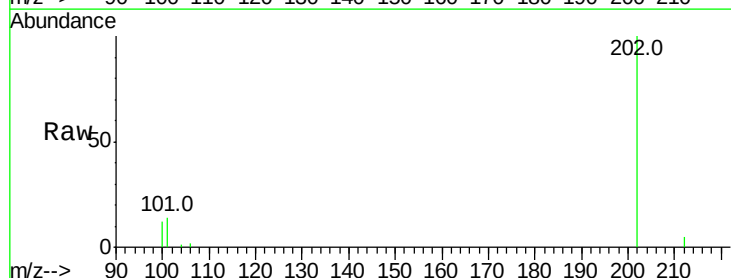
Tgt Ion:202 Resp: 153852

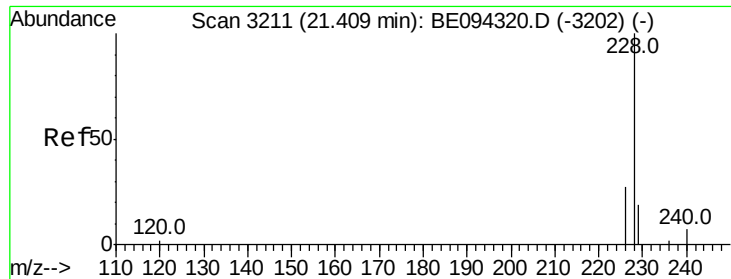
Ion Ratio Lower Upper

202 100

101 14.2 18.2 27.4#

100 11.9 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 2.871 ng/ul

RT: 21.43 min Scan# 3215

Delta R.T. 0.02 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Instrument :

BNA_E

ClientSampleId :

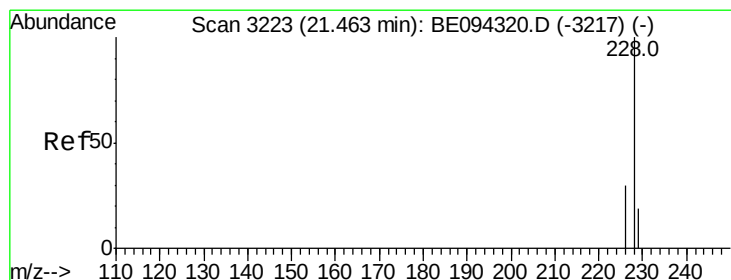
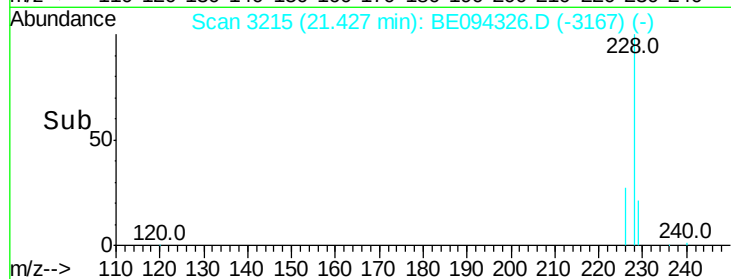
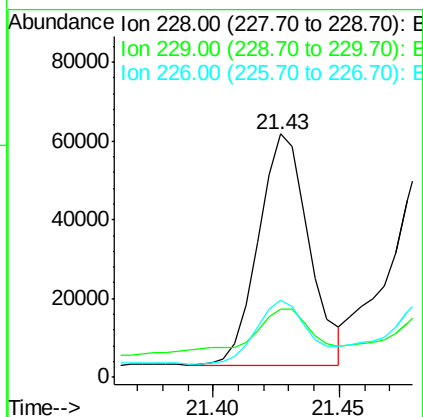
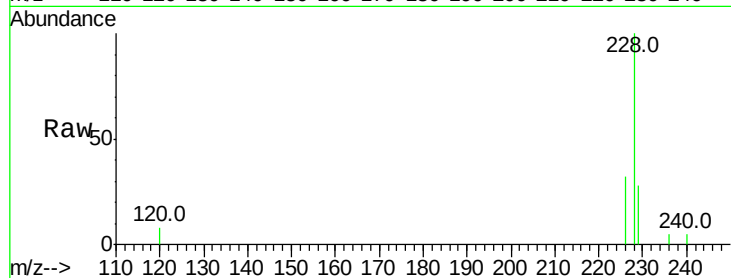
Tot Ion:228 Resp: 81539

Ion Ratio Lower Upper

228 100

229 28.2 22.8 34.2

226 31.7 17.0 25.6#



#19

Chrysene

Concen: 2.614 ng/ul

RT: 21.48 min Scan# 3227

Delta R.T. 0.02 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

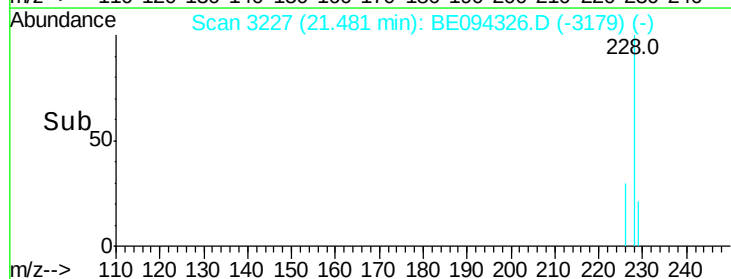
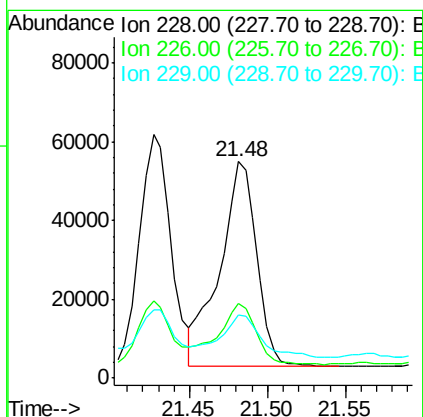
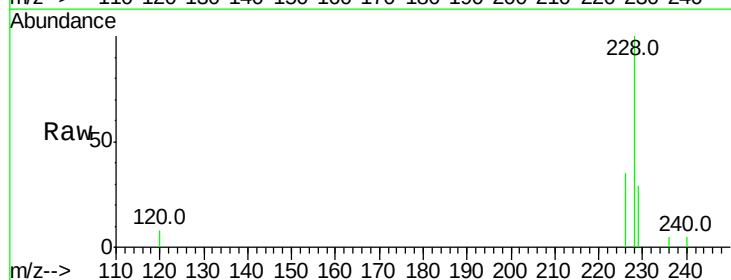
Tgt Ion:228 Resp: 85737

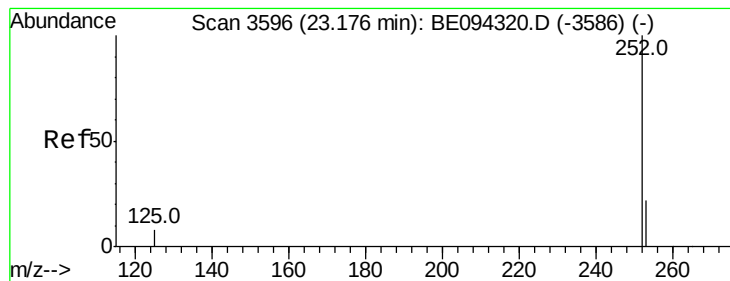
Ion Ratio Lower Upper

228 100

226 34.7 23.4 35.0

229 29.1 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.076 ng/ul

RT: 23.21 min Scan# 3604

Delta R.T. 0.04 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Instrument :

BNA_E

ClientSampleId :

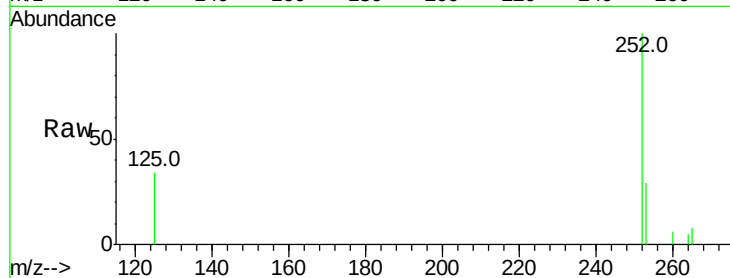
Tot Ion:252 Resp: 112979

Ion Ratio Lower Upper

252 100

253 29.3 0.0 64.2

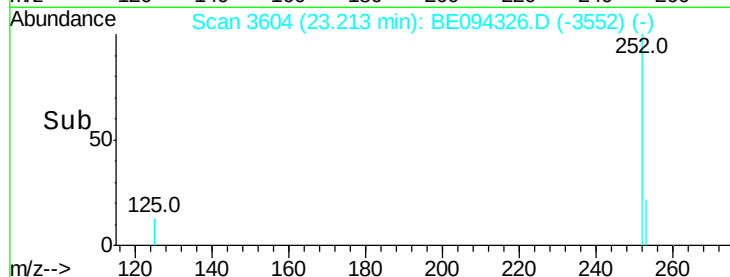
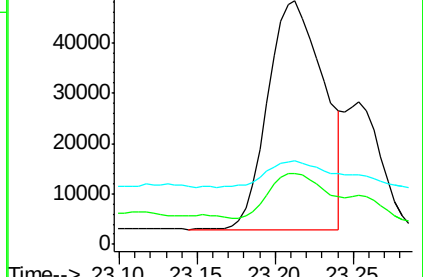
125 34.2 0.0 35.0



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: 0.066 ng/ul

RT: 23.21 min Scan# 3604

Delta R.T. -0.01 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

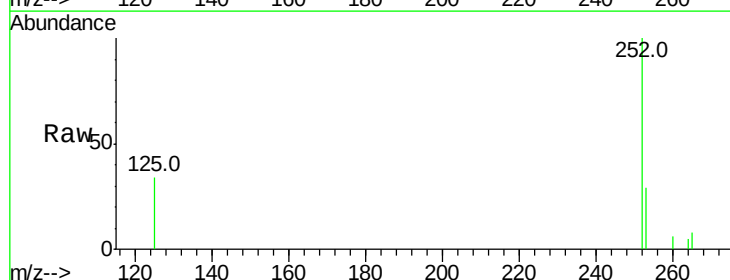
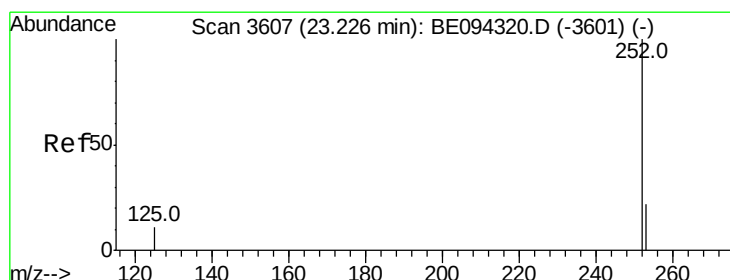
Tgt Ion:252 Resp: 112979

Ion Ratio Lower Upper

252 100

253 29.3 24.5 36.7

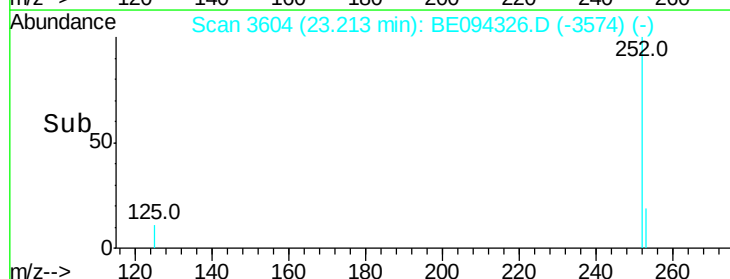
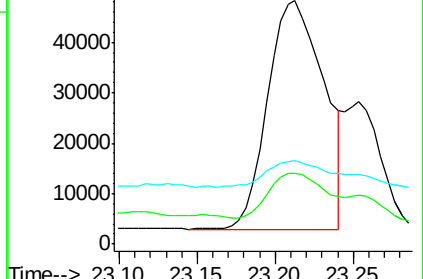
125 34.2 13.7 20.5#

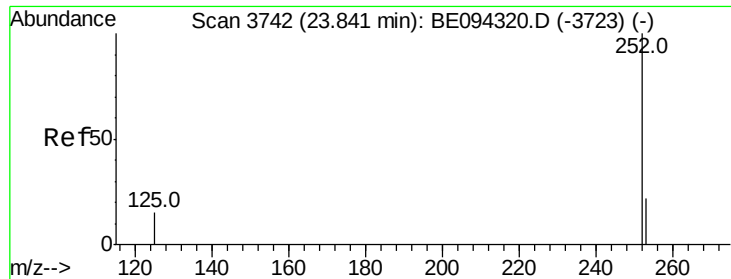


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.043 ng/ul

RT: 23.77 min Scan# 3726

Delta R.T. -0.07 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 252 Resp: 66344

Ion Ratio Lower Upper

252 100

253 32.1 28.5 42.7

125 44.1 18.1 27.1#

