

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094337.D
 Acq On : 13 Oct 2017 23:40
 Operator : SJ/JU
 Sample : I5649-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 04:02:33 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 03:57:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1437	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	7576	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4665	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.27
16) Chrysene-d12	21.44	240	8440	0.40	ng/ul	0.00
20) Perylene-d12	23.82	264	816719	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	4750	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	11785	0.00	ng/ul	0.00

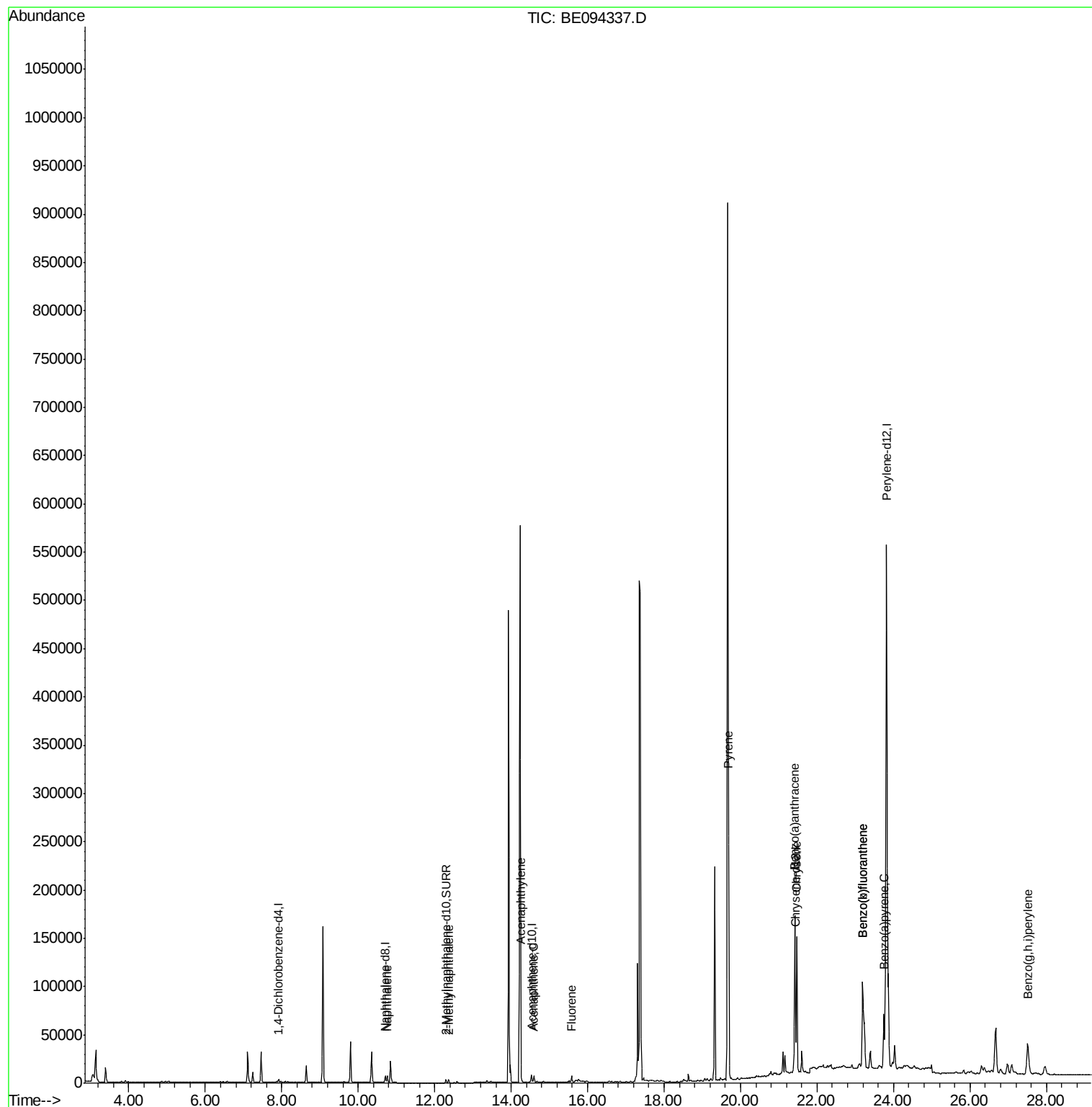
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.76	128	10884	0.587	ng/ul#	92
5) 2-Methylnaphthalene	12.37	142	3118	0.259	ng/ul	100
7) Acenaphthylene	14.26	152	3619	0.199	ng/ul	96
8) Acenaphthene	14.60	153	4155	0.277	ng/ul	98
9) Fluorene	15.58	166	4286	0.244	ng/ul	92
17) Pyrene	19.69	202	278188	11.846	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	152153	6.795	ng/ul#	88
19) Chrysene	21.47	228	144386	5.584	ng/ul	97
21) Benzo(b)fluoranthene	23.20	252	165916	0.075	ng/ul	87
22) Benzo(k)fluoranthene	23.20	252	156769	0.061	ng/ul#	88
23) Benzo(a)pyrene	23.75	252	90802	0.039	ng/ul#	81
26) Benzo(g,h,i)perylene	27.51	276	51680	0.025	ng/ul	94

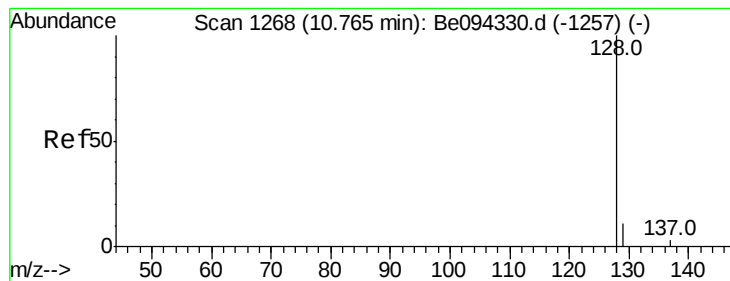
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.587 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Instrument :

BNA_E

ClientSampleId :

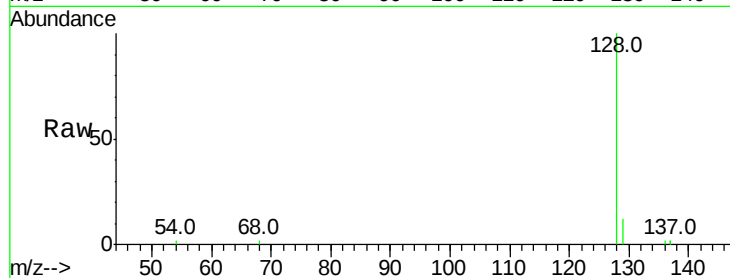
Tot Ion:128 Resp: 10884

Ion Ratio Lower Upper

128 100

129 12.1 11.3 16.9

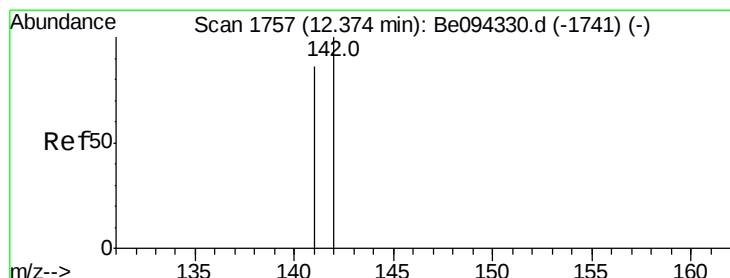
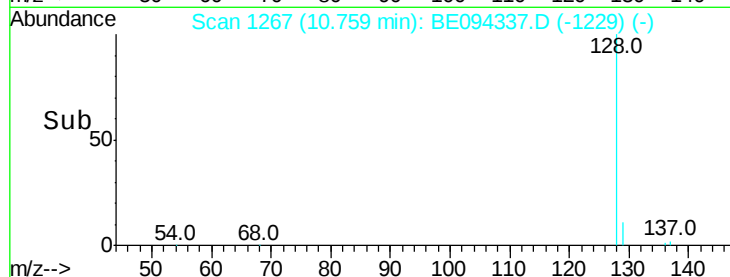
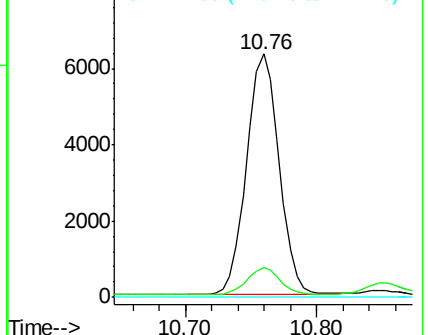
127 0.0 4.0 6.0#



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: 0.259 ng/ul

RT: 12.37 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BE094337.D

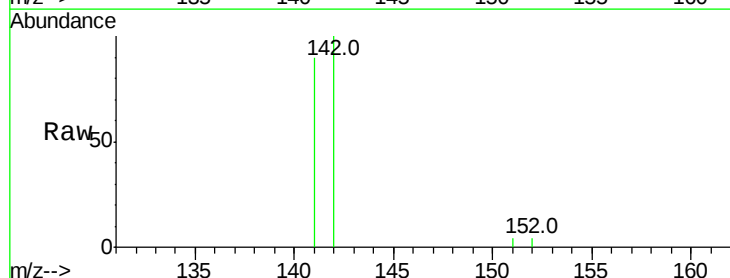
Acq: 13 Oct 2017 23:40

Tgt Ion:142 Resp: 3118

Ion Ratio Lower Upper

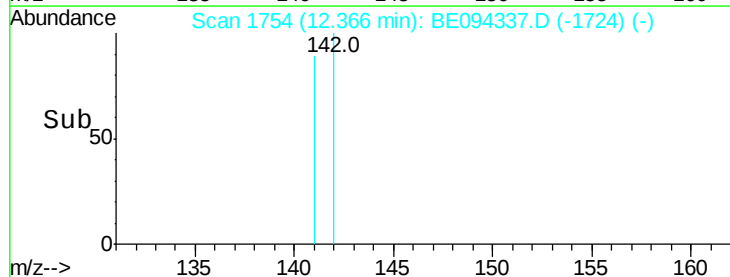
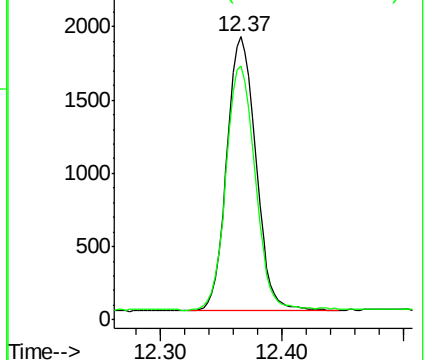
142 100

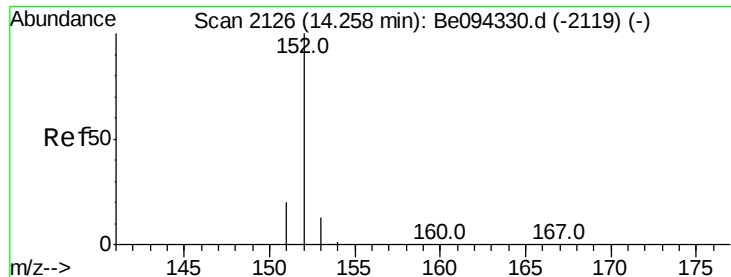
141 90.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.199 ng/ul

RT: 14.26 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Instrument :

BNA_E

ClientSampleId :

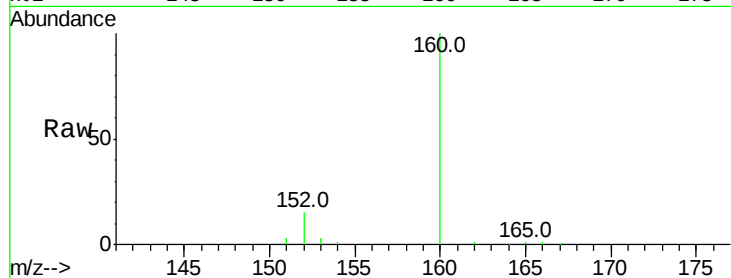
Tot Ion:152 Resp: 3619

Ion Ratio Lower Upper

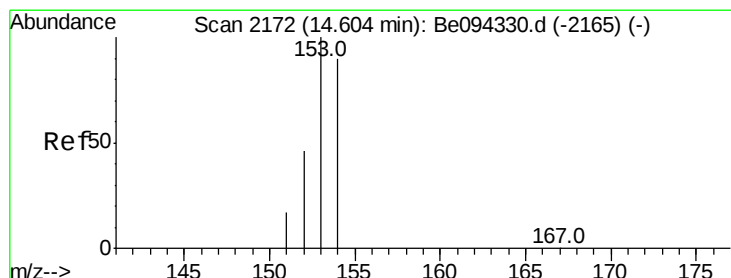
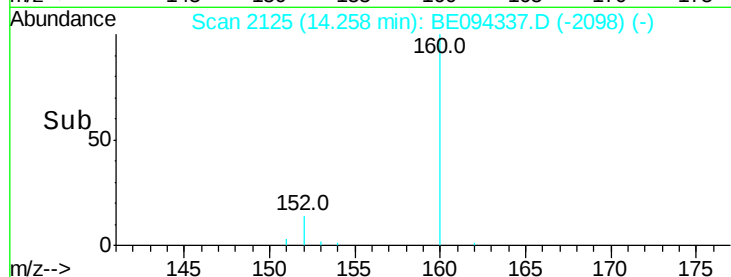
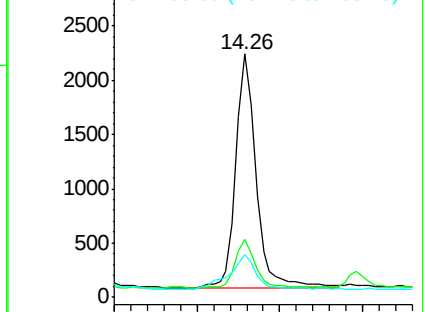
152 100

151 23.7 17.1 25.7

153 17.4 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: 0.277 ng/ul

RT: 14.60 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

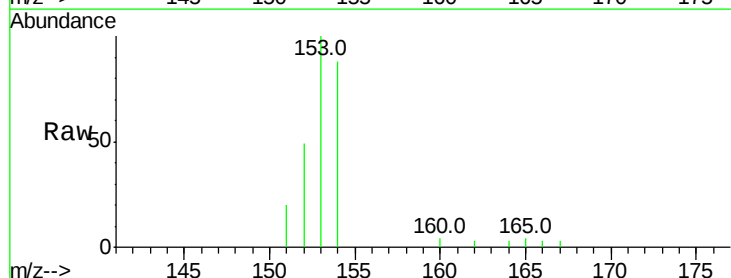
Tgt Ion:153 Resp: 4155

Ion Ratio Lower Upper

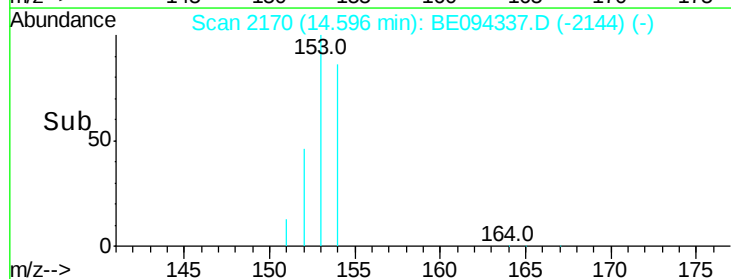
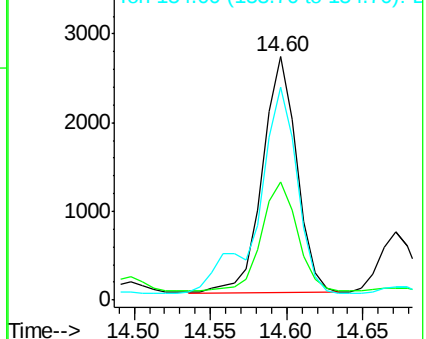
153 100

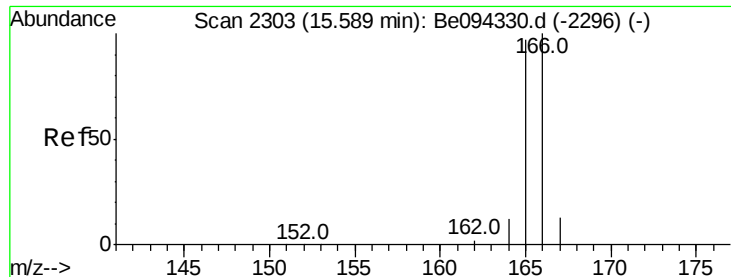
152 48.7 40.3 60.5

154 87.6 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

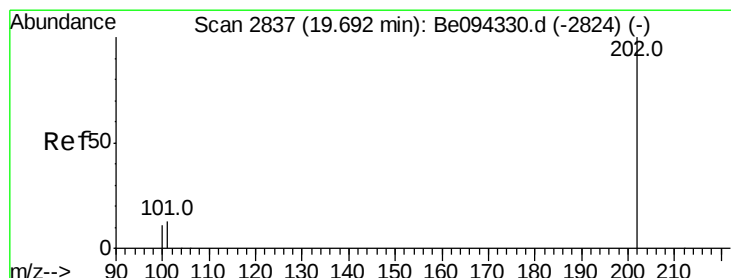
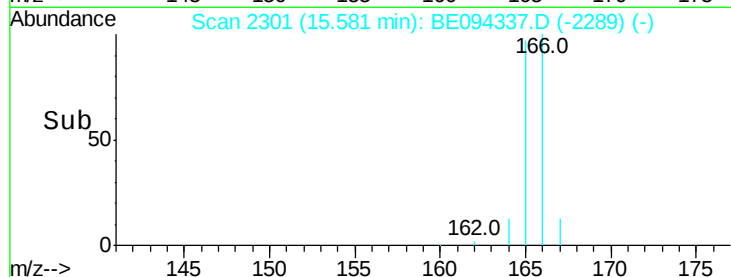
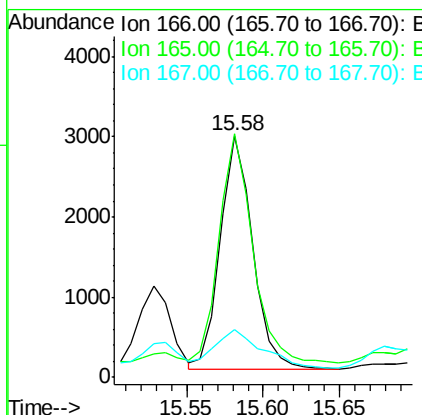
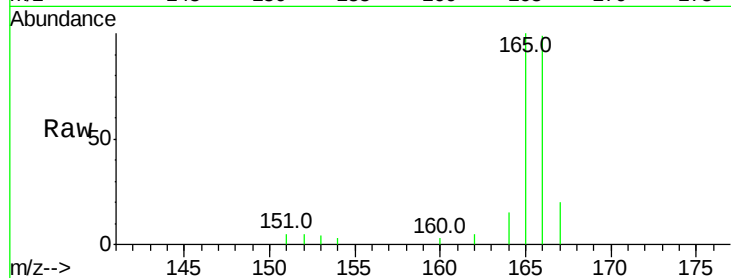




#9
Fluorene
Concen: 0.244 ng/ul
RT: 15.58 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BE094337.D
Acq: 13 Oct 2017 23:40

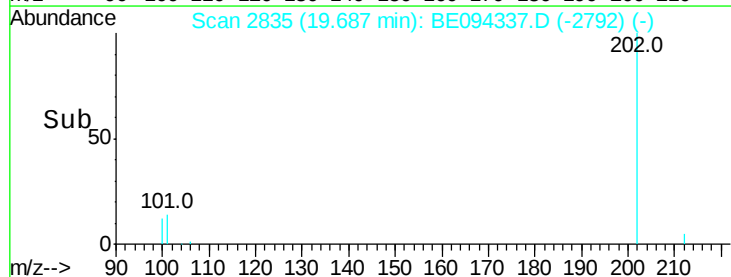
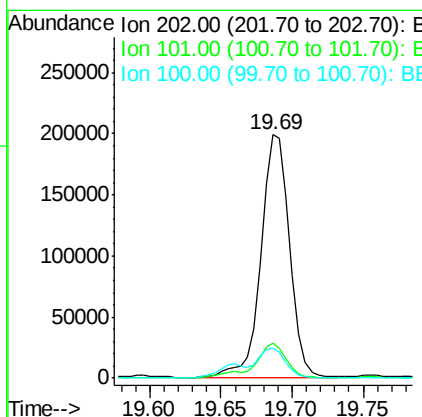
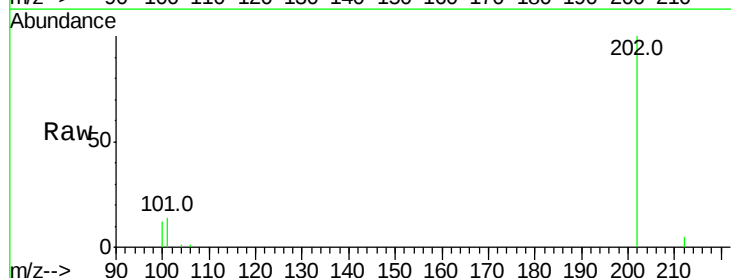
Instrument :
BNA_E
ClientSampleId :

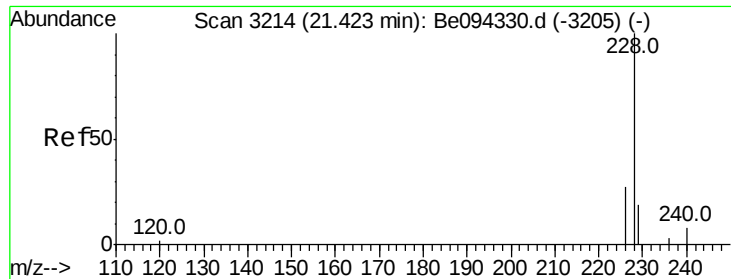
Tot Ion:166 Resp: 4286
Ion Ratio Lower Upper
166 100
165 100.9 73.4 110.2
167 19.7 14.6 22.0



#17
Pyrene
Concen: 11.846 ng/ul
RT: 19.69 min Scan# 2835
Delta R.T. -0.00 min
Lab File: BE094337.D
Acq: 13 Oct 2017 23:40

Tgt Ion:202 Resp: 278188
Ion Ratio Lower Upper
202 100
101 14.1 18.2 27.4#
100 12.4 15.6 23.4#

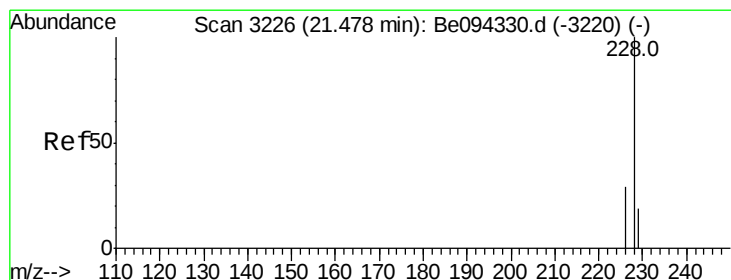
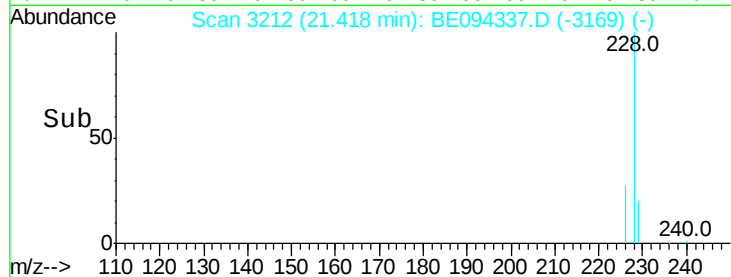
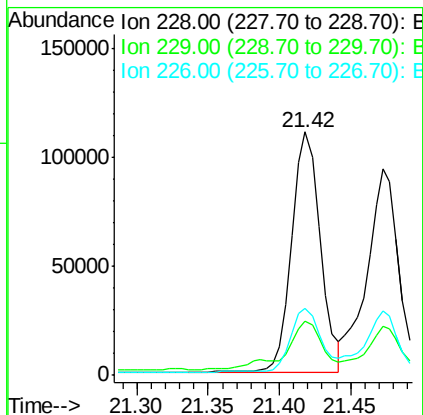
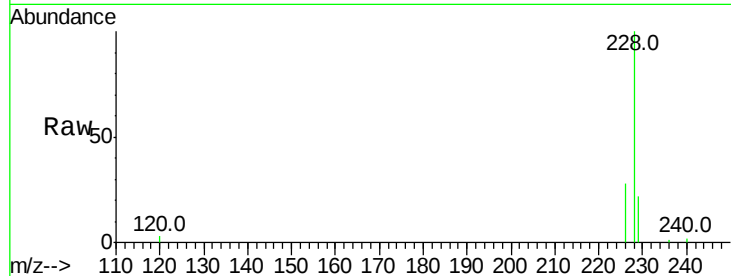




#18
Benzo(a)anthracene
Concen: 6.795 ng/ul
RT: 21.42 min Scan# 3212
Delta R.T. -0.00 min
Lab File: BE094337.D
Acq: 13 Oct 2017 23:40

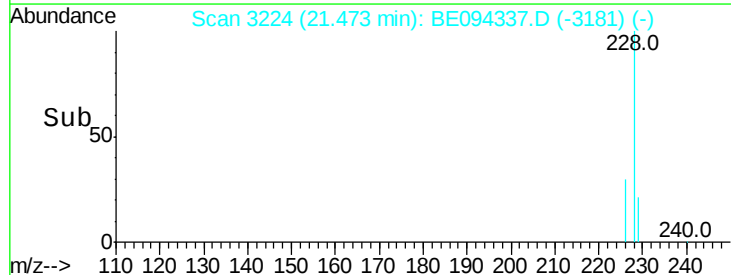
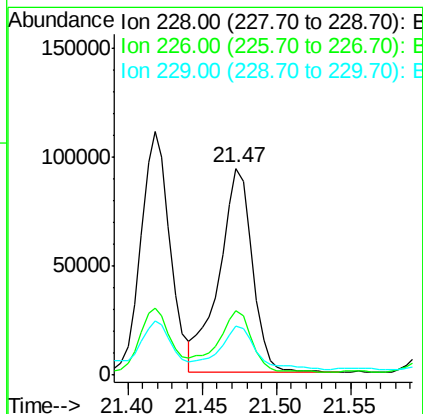
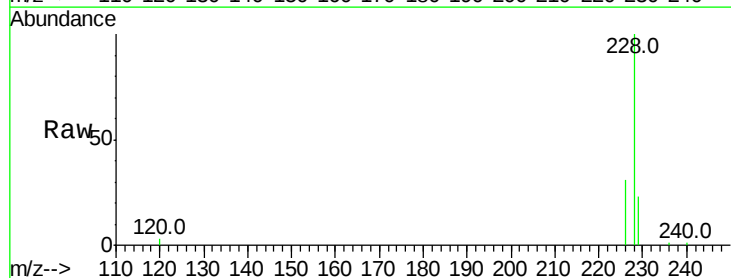
Instrument :
BNA_E
ClientSampled :

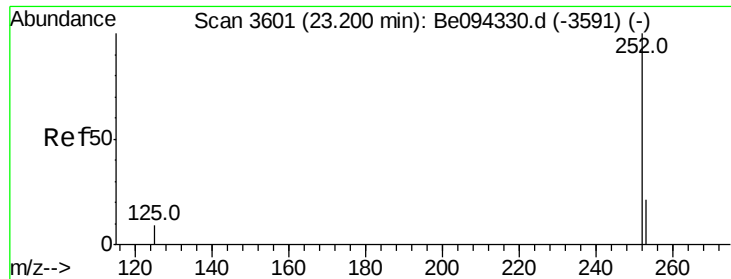
Tot Ion:228 Resp: 152153
Ion Ratio Lower Upper
228 100
229 22.5 22.8 34.2#
226 27.7 17.0 25.6#



#19
Chrysene
Concen: 5.584 ng/ul
RT: 21.47 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BE094337.D
Acq: 13 Oct 2017 23:40

Tgt Ion:228 Resp: 144386
Ion Ratio Lower Upper
228 100
226 31.1 23.4 35.0
229 23.5 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.075 ng/ul

RT: 23.20 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Instrument :

BNA_E

ClientSampleId :

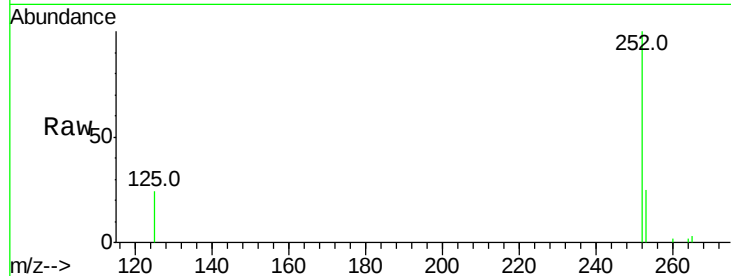
Tot Ion:252 Resp: 165916

Ion Ratio Lower Upper

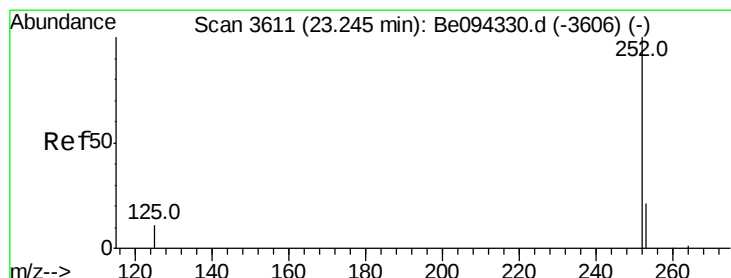
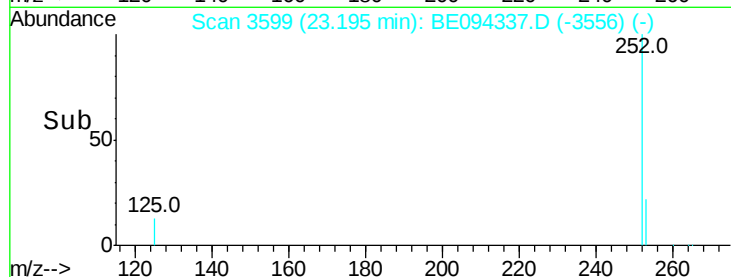
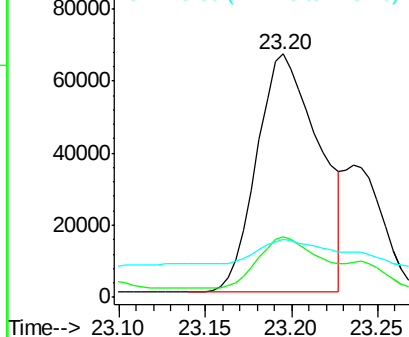
252 100

253 25.0 0.0 64.2

125 23.7 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: 0.061 ng/ul

RT: 23.20 min Scan# 3599

Delta R.T. -0.05 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

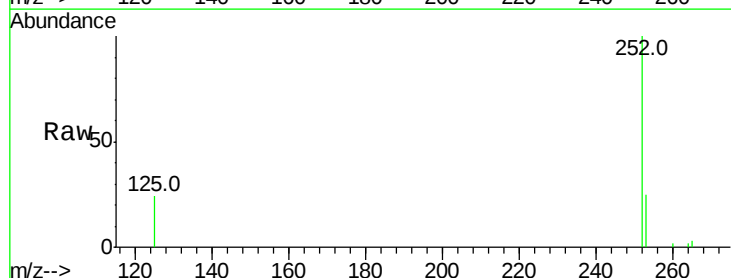
Tgt Ion:252 Resp: 156769

Ion Ratio Lower Upper

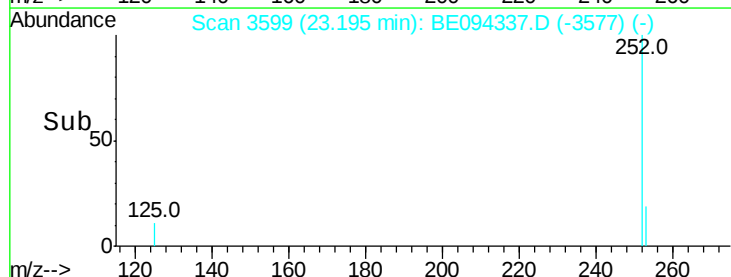
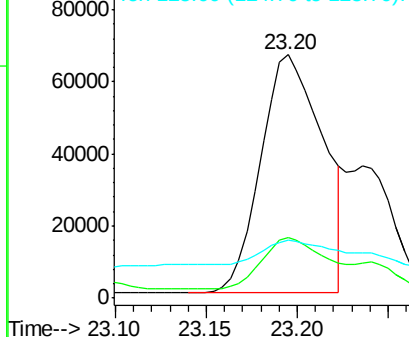
252 100

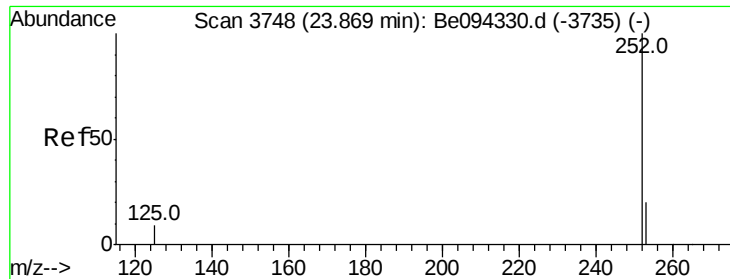
253 25.0 24.5 36.7

125 23.7 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: 0.039 ng/ul

RT: 23.75 min Scan# 3721

Delta R.T. -0.12 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Instrument :

BNA_E

ClientSampled :

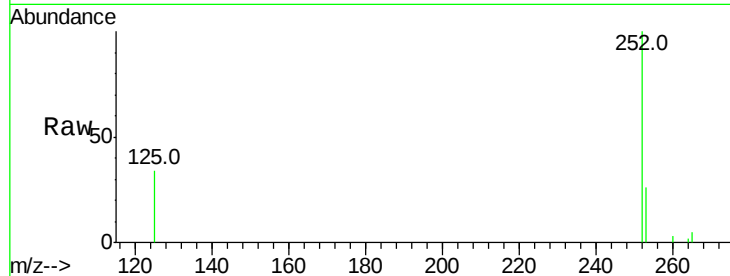
Tot Ion:252 Resp: 90802

Ion Ratio Lower Upper

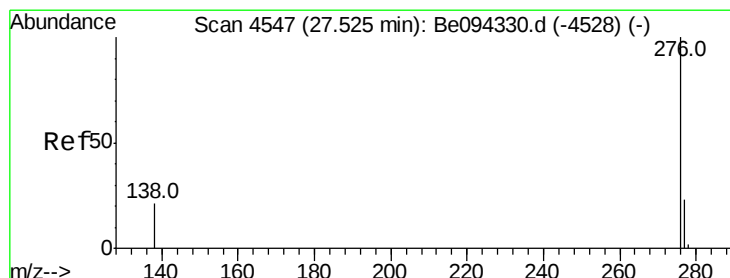
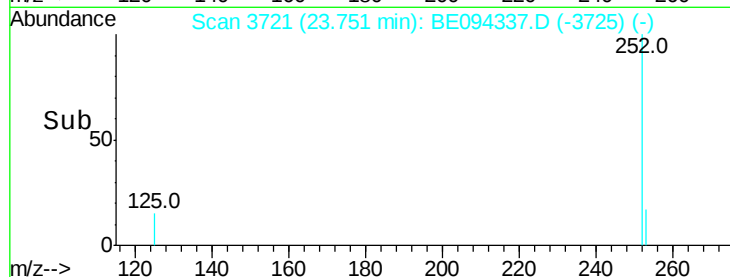
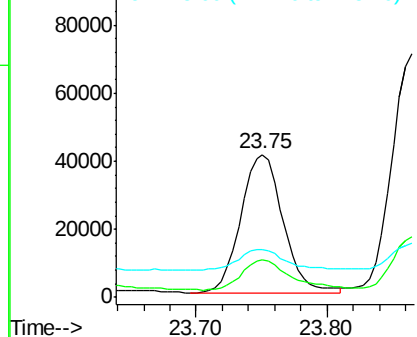
252 100

253 25.9 28.5 42.7#

125 33.9 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



#26

Benzo(g,h,i)perylene

Concen: 0.025 ng/ul

RT: 27.51 min Scan# 4543

Delta R.T. -0.01 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

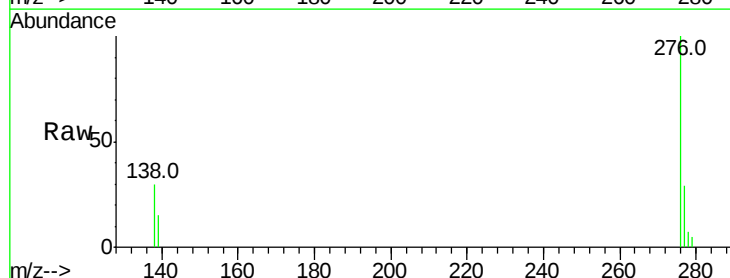
Tgt Ion:276 Resp: 51680

Ion Ratio Lower Upper

276 100

138 30.1 21.8 32.8

277 28.8 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

