

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094294.D
 Acq On : 12 Oct 2017 00:11
 Operator : SJ/JU
 Sample : I5490-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 08:57:48 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

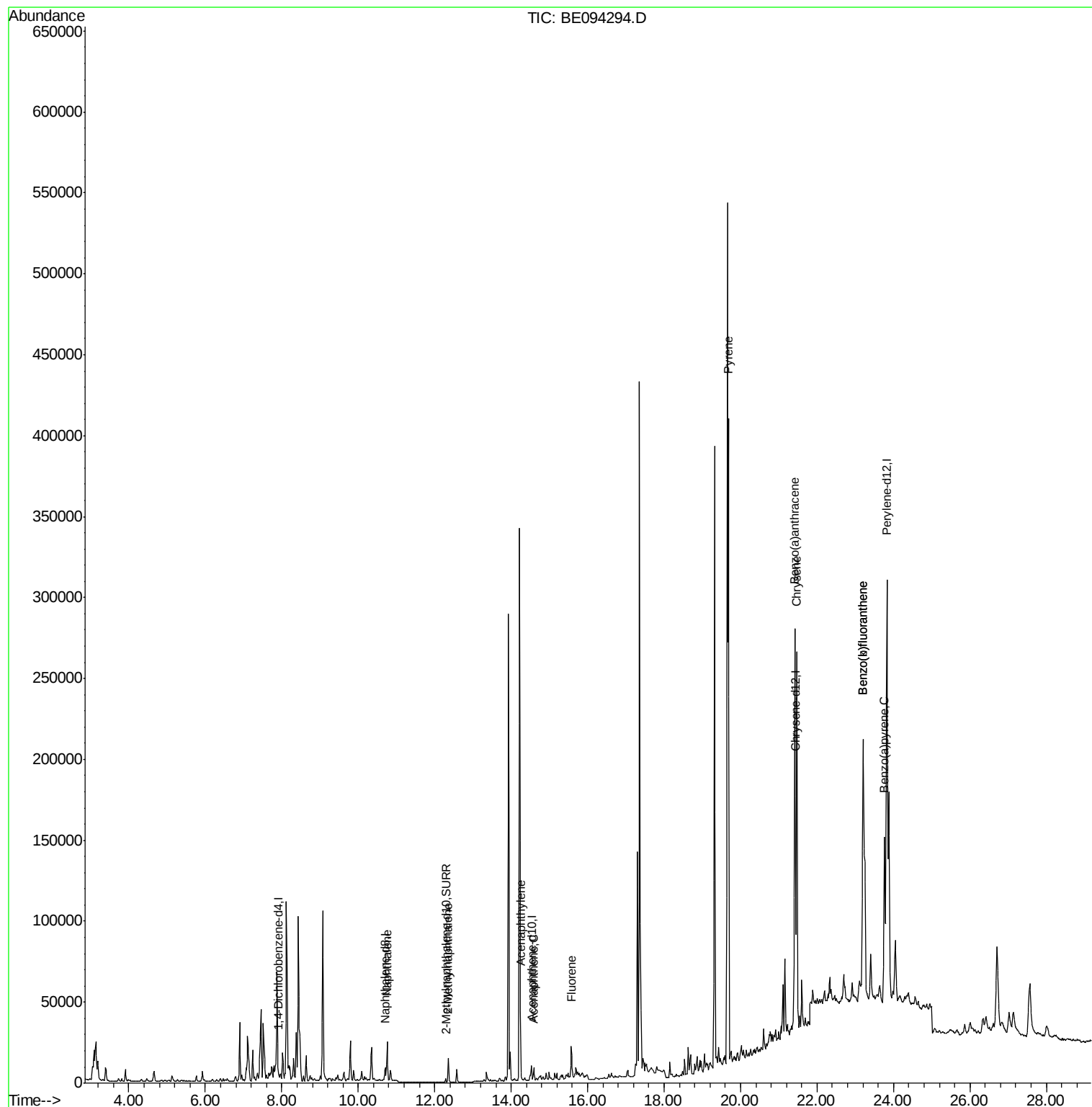
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1788	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8687	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5229	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.26
16) Chrysene-d12	21.44	240	9619	0.40	ng/ul	0.00
20) Perylene-d12	23.83	264	434584	0.40	ng/ul	-0.13
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2955	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	6507	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	37859	1.779	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	12742	0.923	ng/ul	99
7) Acenaphthylene	14.25	152	4774	0.234	ng/ul#	79
8) Acenaphthene	14.59	153	4904	0.292	ng/ul	96
9) Fluorene	15.57	166	12998	0.661	ng/ul	92
17) Pyrene	19.68	202	424935	15.877	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	231746	9.082	ng/ul#	90
19) Chrysene	21.47	228	254424	8.634	ng/ul	93
21) Benzo(b)fluoranthene	23.20	252	286267	0.242	ng/ul	82
22) Benzo(k)fluoranthene	23.20	252	286267	0.210	ng/ul#	83
23) Benzo(a)pyrene	23.76	252	178166	0.145	ng/ul#	75

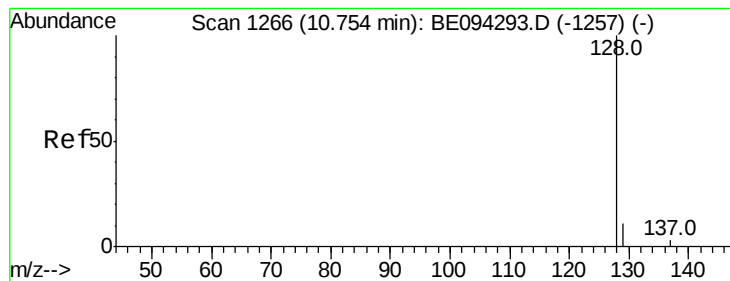
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.779 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE094294.D

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BNA_E

ClientSampleId :

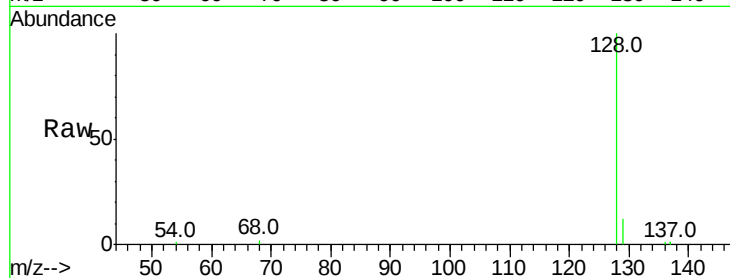
Tot Ion:128 Resp: 37859

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

10.75

20000

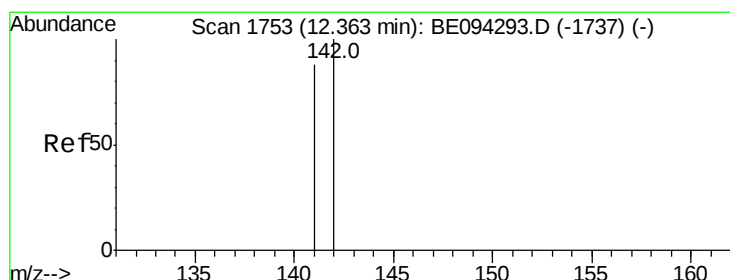
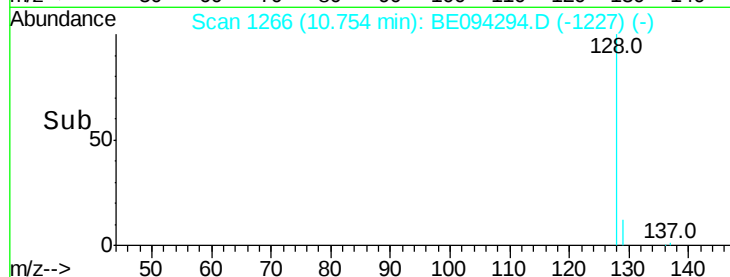
15000

10000

5000

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.923 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BE094294.D

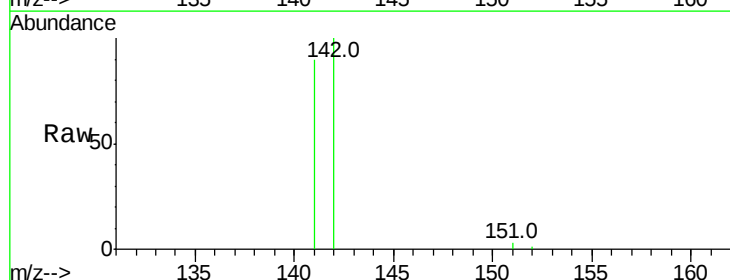
Acq: 12 Oct 2017 00:11

Tgt Ion:142 Resp: 12742

Ion Ratio Lower Upper

142 100

141 89.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.36

8000

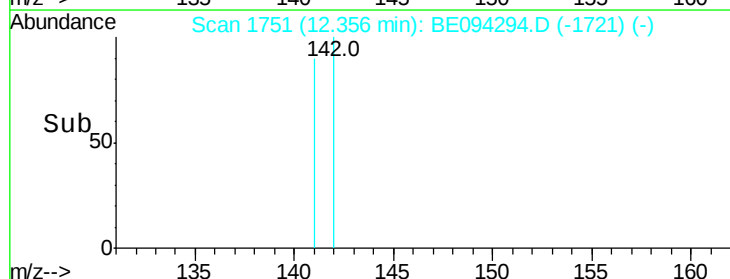
6000

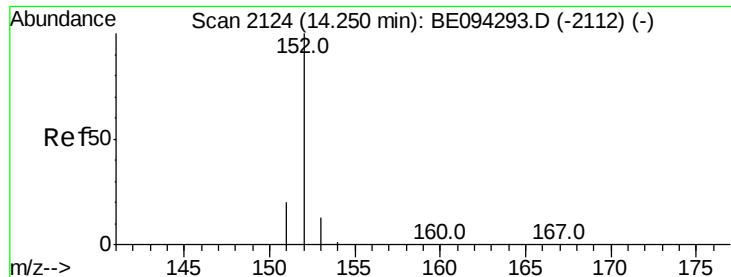
4000

2000

0

Time-->





#7

Acenaphthylene

Concen: 0.234 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BE094294.D

Acq: 12 Oct 2017 00:11

Instrument :

BNA_E

ClientSampleId :

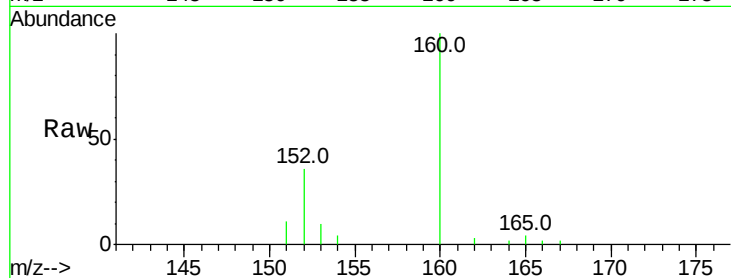
Tot Ion:152 Resp: 4774

Ion Ratio Lower Upper

152 100

151 29.7 17.1 25.7#

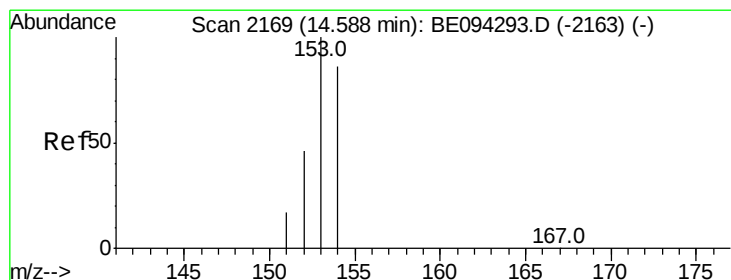
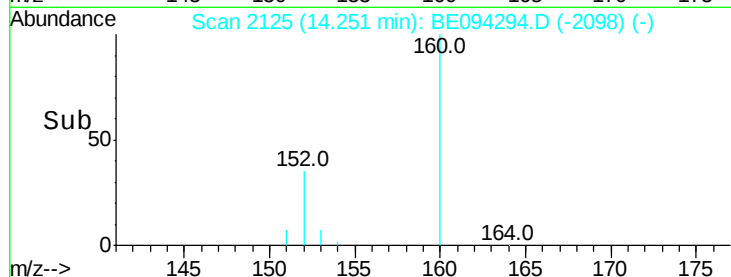
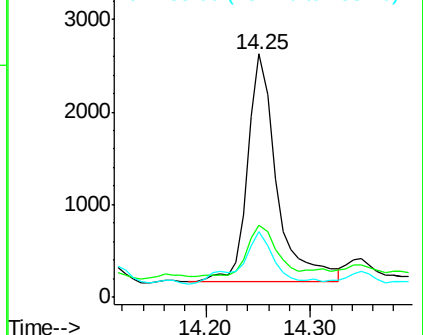
153 26.7 12.8 19.2#



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: 0.292 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BE094294.D

Acq: 12 Oct 2017 00:11

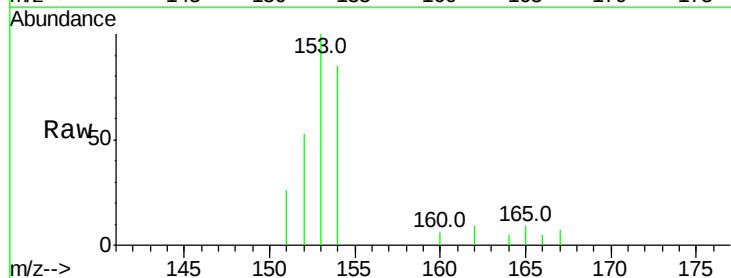
Tgt Ion:153 Resp: 4904

Ion Ratio Lower Upper

153 100

152 52.8 40.3 60.5

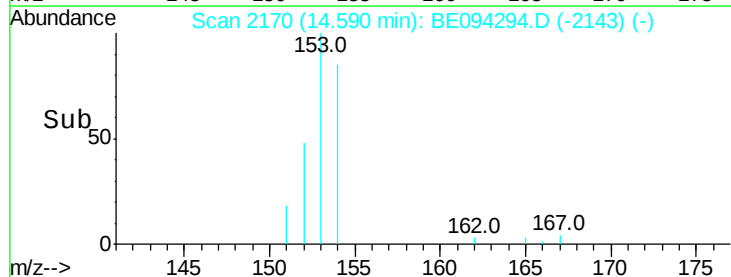
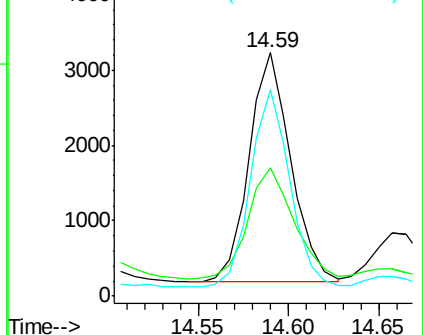
154 84.6 71.4 107.2

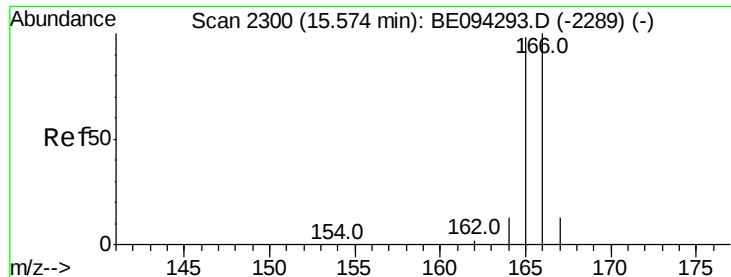


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

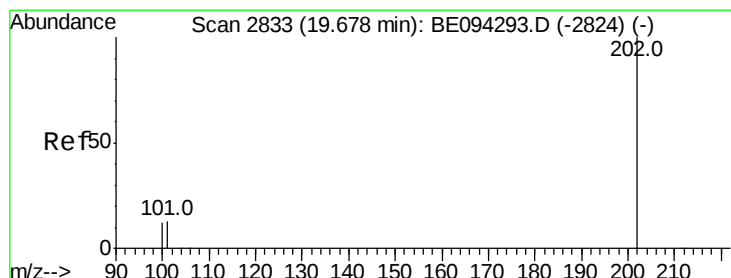
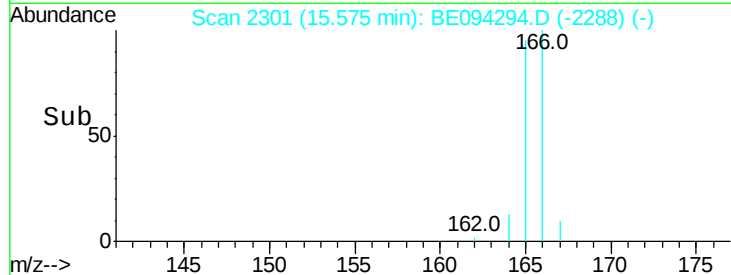
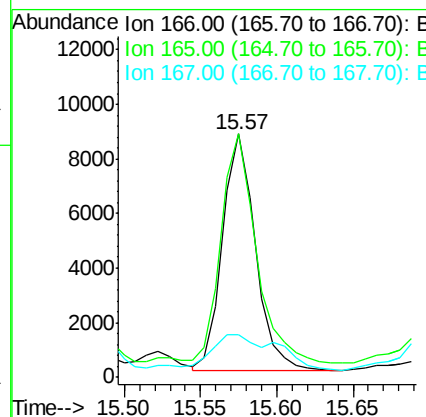
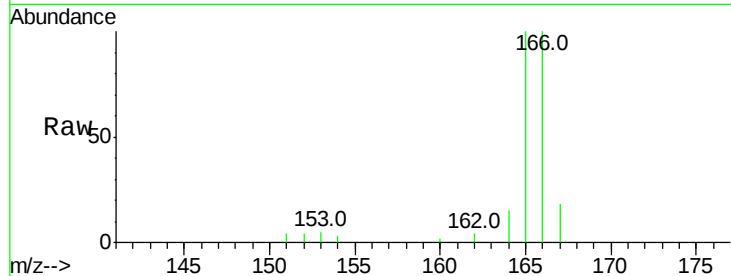




#9
Fluorene
 Concen: 0.661 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BE094294.D
 Acq: 12 Oct 2017 00:11

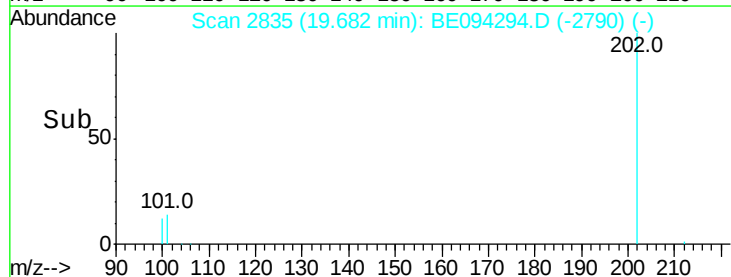
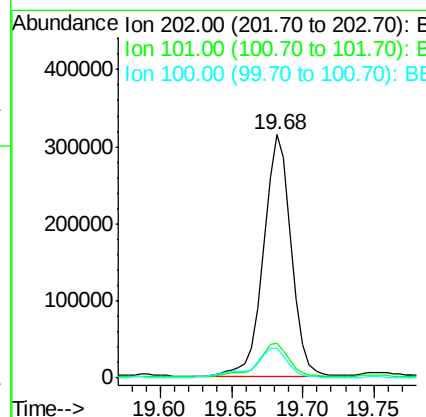
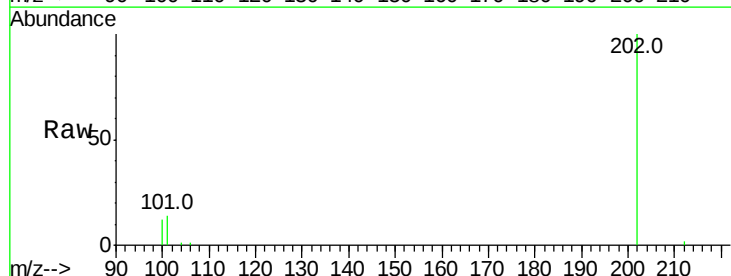
Instrument :
 BNA_E
 ClientSampleId :

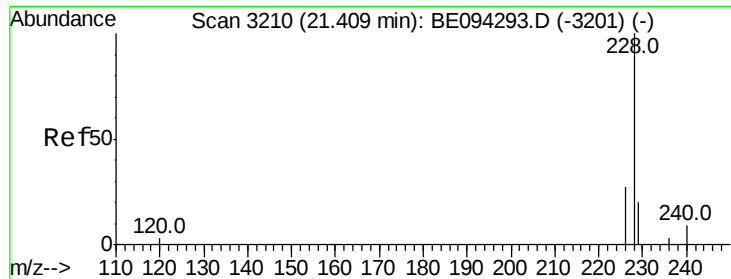
Tot Ion:166 Resp: 12998
 Ion Ratio Lower Upper
 166 100
 165 100.1 73.4 110.2
 167 17.5 14.6 22.0



#17
Pyrene
 Concen: 15.877 ng/ul
 RT: 19.68 min Scan# 2835
 Delta R.T. 0.00 min
 Lab File: BE094294.D
 Acq: 12 Oct 2017 00:11

Tgt Ion:202 Resp: 424935
 Ion Ratio Lower Upper
 202 100
 101 14.5 18.2 27.4#
 100 12.1 15.6 23.4#

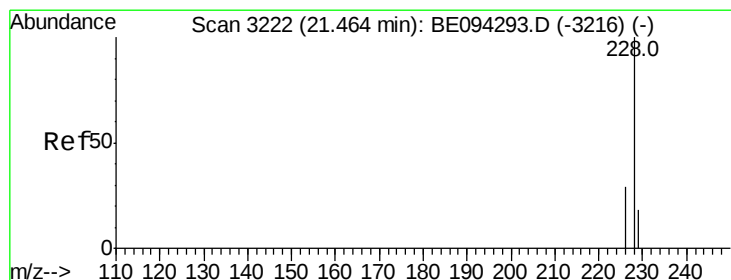
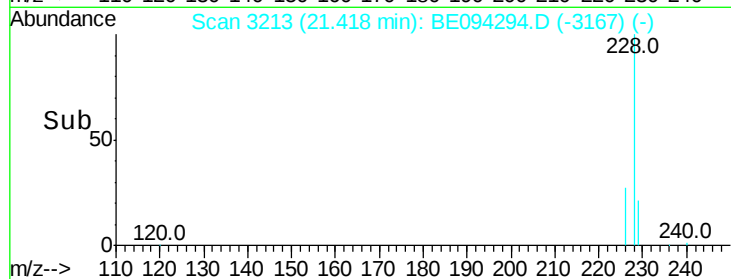
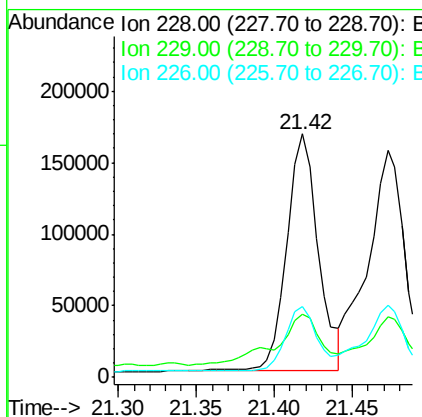
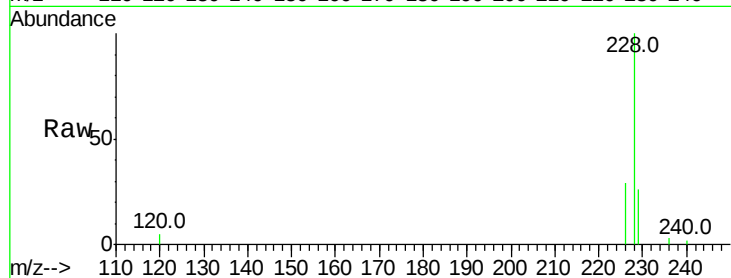




#18
Benzo(a)anthracene
Concen: 9.082 ng/ul
RT: 21.42 min Scan# 3213
Delta R.T. 0.01 min
Lab File: BE094294.D
Acq: 12 Oct 2017 00:11

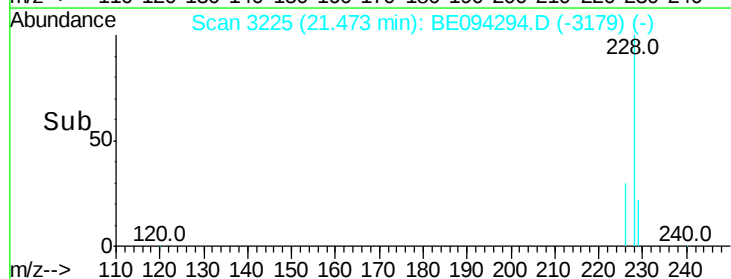
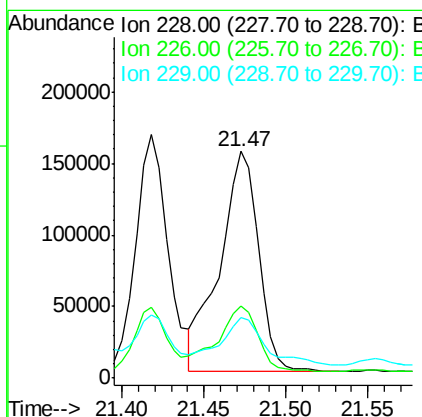
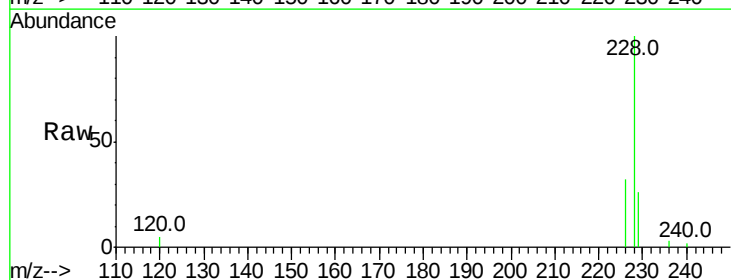
Instrument :
BNA_E
ClientSampled :

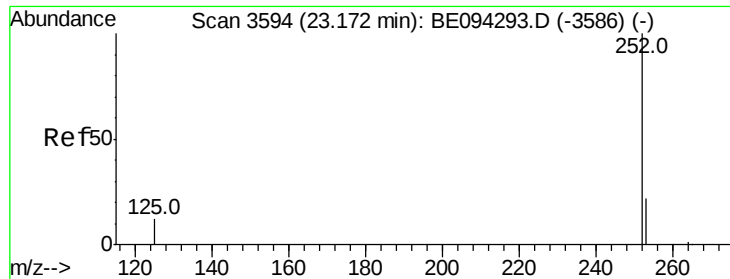
Tot Ion:228 Resp: 231746
Ion Ratio Lower Upper
228 100
229 26.0 22.8 34.2
226 29.0 17.0 25.6#



#19
Chrysene
Concen: 8.634 ng/ul
RT: 21.47 min Scan# 3225
Delta R.T. 0.01 min
Lab File: BE094294.D
Acq: 12 Oct 2017 00:11

Tgt Ion:228 Resp: 254424
Ion Ratio Lower Upper
228 100
226 31.9 23.4 35.0
229 26.5 17.7 26.5

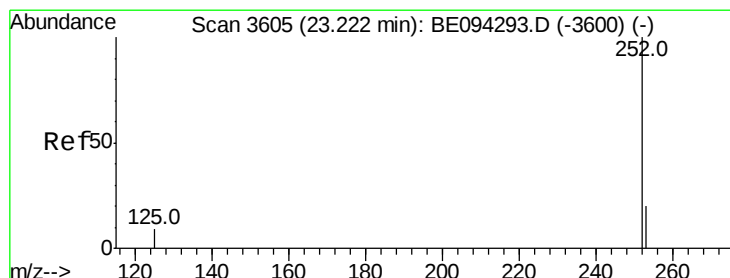
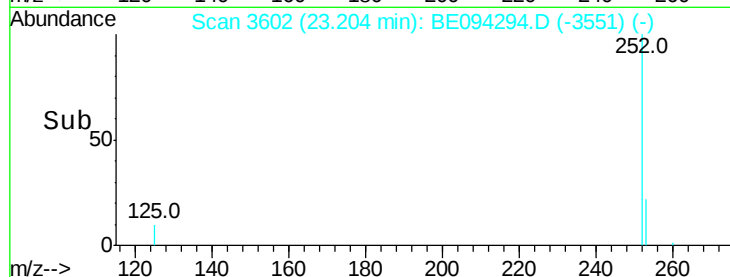
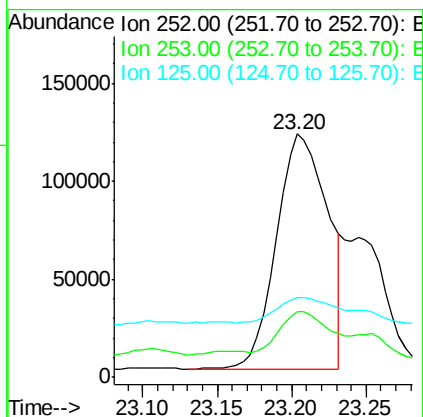
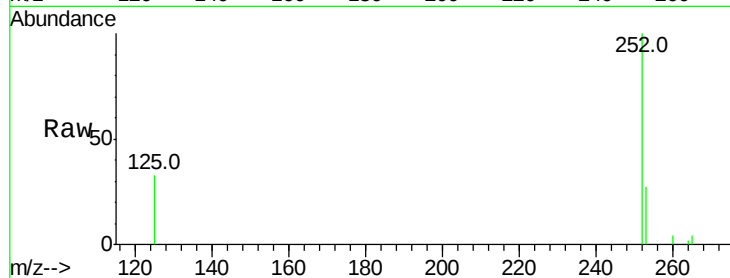




#21
Benzo(b)fluoranthene
Concen: 0.242 ng/u1
RT: 23.20 min Scan# 3602
Delta R.T. 0.03 min
Lab File: BE094294.D
Acq: 12 Oct 2017 00:11

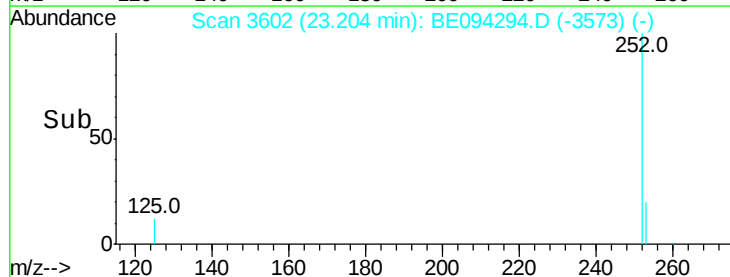
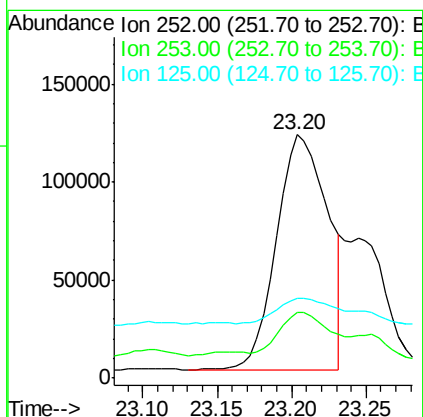
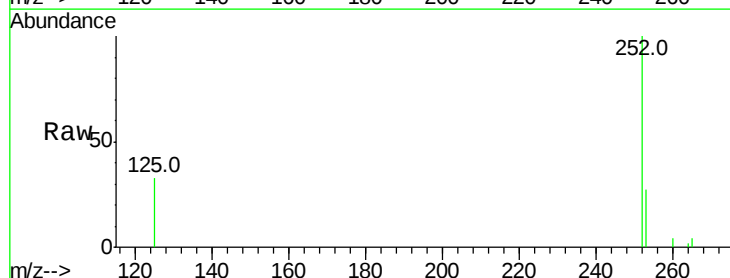
Instrument :
BNA_E
ClientSampleId :

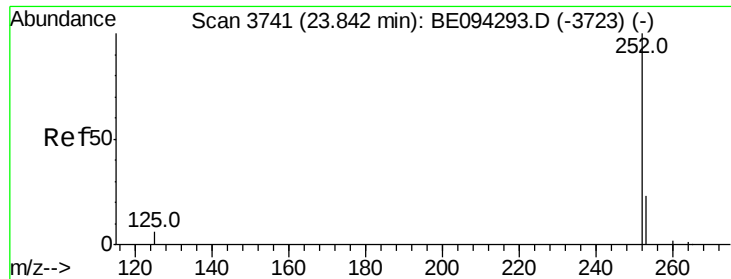
Tot Ion:252 Resp: 286267
Ion Ratio Lower Upper
252 100
253 27.1 0.0 64.2
125 32.8 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.210 ng/u1
RT: 23.20 min Scan# 3602
Delta R.T. -0.02 min
Lab File: BE094294.D
Acq: 12 Oct 2017 00:11

Tgt Ion:252 Resp: 286267
Ion Ratio Lower Upper
252 100
253 27.1 24.5 36.7
125 32.8 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.145 ng/ul

RT: 23.76 min Scan# 3725

Delta R.T. -0.08 min

Lab File: BE094294.D

Acq: 12 Oct 2017 00:11

Instrument :

BNA_E

ClientSampleId :

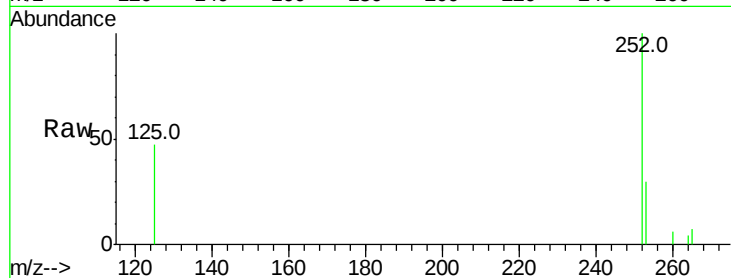
Tot Ion:252 Resp: 178166

Ion Ratio Lower Upper

252 100

253 30.4 28.5 42.7

125 46.7 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

