

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094322.D
 Acq On : 13 Oct 2017 13:17
 Operator : SJ/JU
 Sample : I5533-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 02:18:07 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

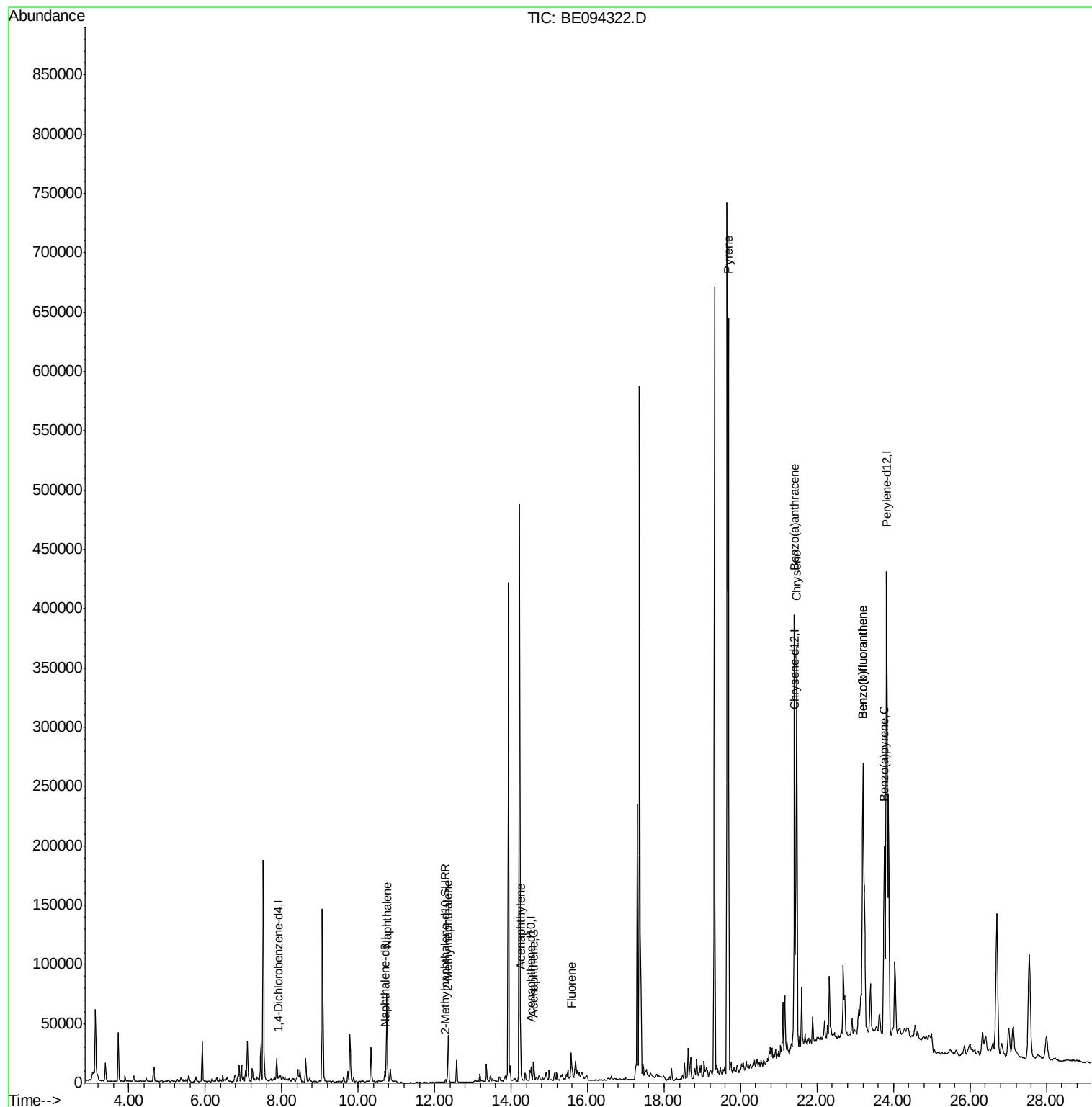
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1867	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9404	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5736	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.26
16) Chrysene-d12	21.43	240	10393	0.40	ng/ul	0.00
20) Perylene-d12	23.82	264	605150	0.40	ng/ul	-0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4151	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	9661	0.00	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.75	128	115390	5.010	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	33948	2.272	ng/ul	99
7) Acenaphthylene	14.25	152	16904	0.756	ng/ul	96
8) Acenaphthene	14.59	153	9706	0.527	ng/ul	97
9) Fluorene	15.57	166	15147	0.703	ng/ul	93
17) Pyrene	19.68	202	683529	23.638	ng/ul#	85
18) Benzo(a)anthracene	21.41	228	344696	12.502	ng/ul#	88
19) Chrysene	21.47	228	380063	11.937	ng/ul	95
21) Benzo(b)fluoranthene	23.20	252	433644	0.264	ng/ul	92
22) Benzo(k)fluoranthene	23.20	252	433644	0.228	ng/ul	94
23) Benzo(a)pyrene	23.76	252	265251	0.155	ng/ul#	89

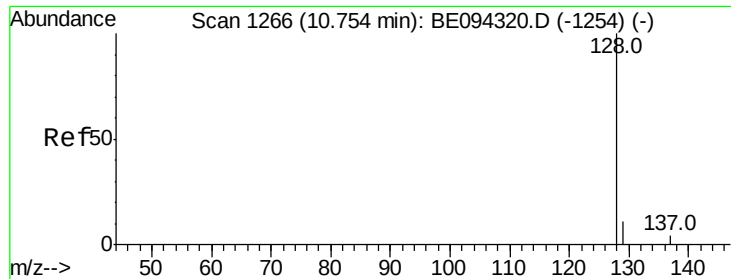
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Naphthalene

Concen: 5.010 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE094322.D

Acq: 13 Oct 2017 13:17

Instrument :

BNA_E

ClientSampled :

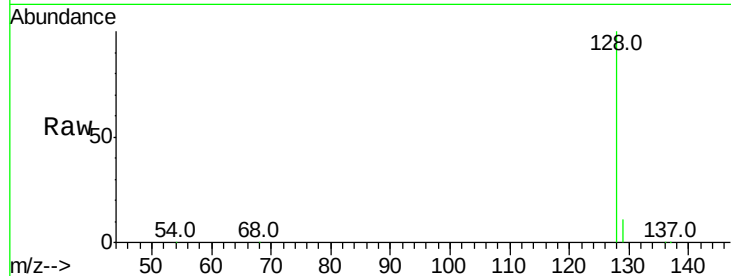
Tot Ion:128 Resp: 115390

Ion Ratio Lower Upper

128 100

129 11.4 11.3 16.9

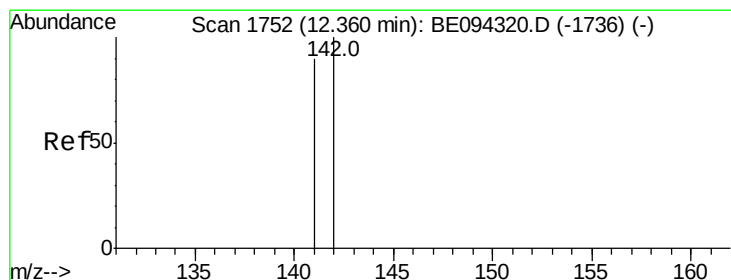
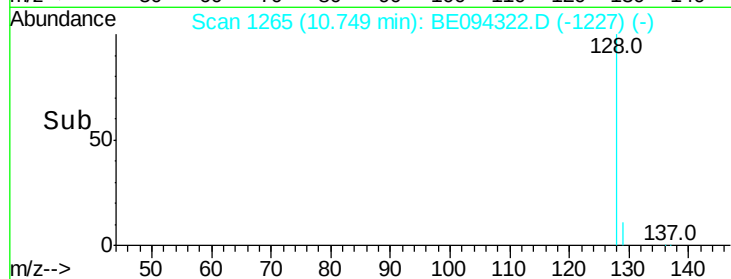
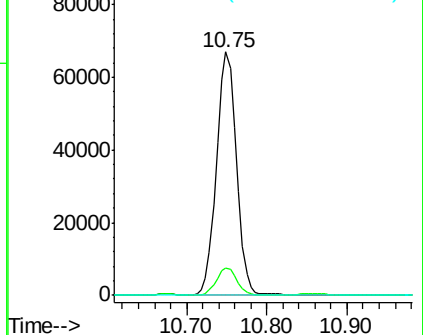
127 0.0 4.0 6.0#



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: 2.272 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE094322.D

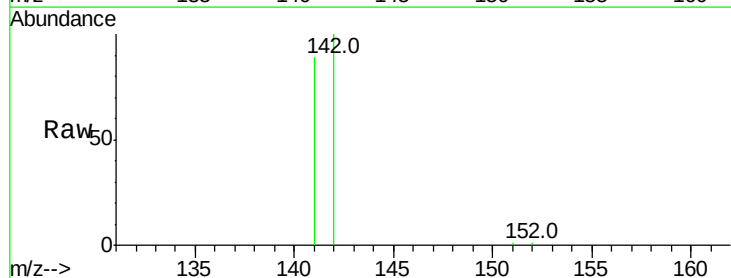
Acq: 13 Oct 2017 13:17

Tgt Ion:142 Resp: 33948

Ion Ratio Lower Upper

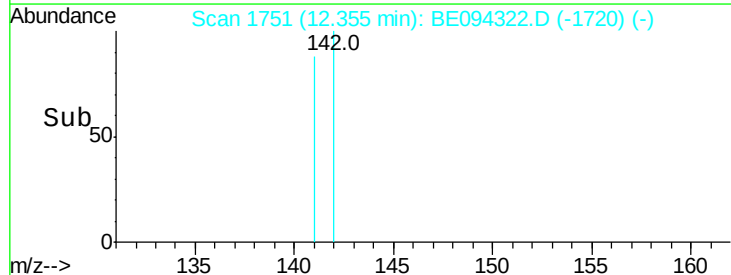
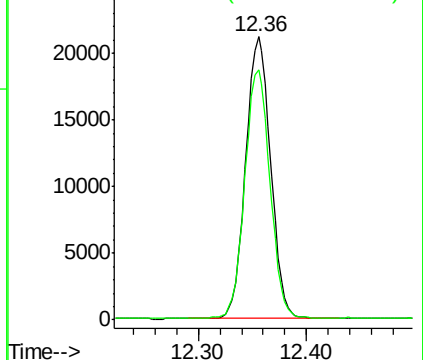
142 100

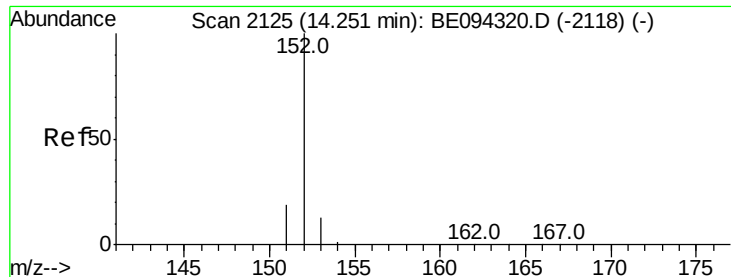
141 89.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.756 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE094322.D

Acq: 13 Oct 2017 13:17

Instrument :

BNA_E

ClientSampleId :

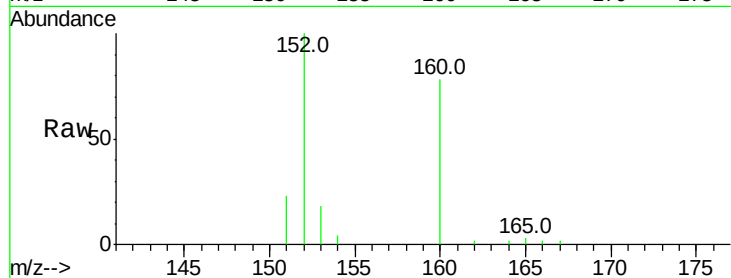
Tot Ion:152 Resp: 16904

Ion Ratio Lower Upper

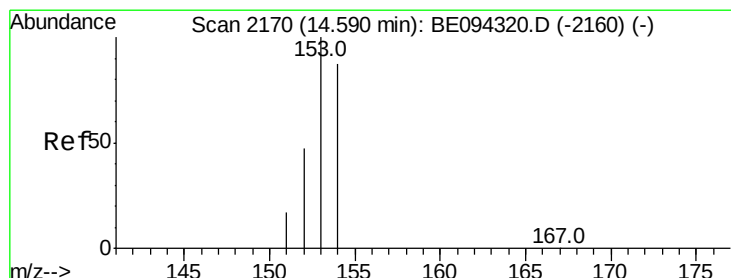
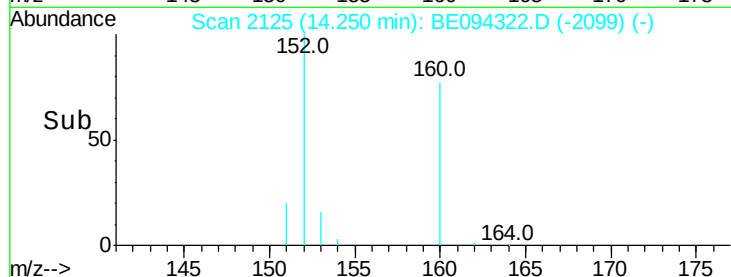
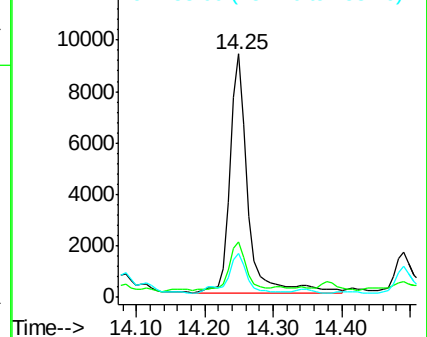
152 100

151 22.7 17.1 25.7

153 18.0 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: 0.527 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BE094322.D

Acq: 13 Oct 2017 13:17

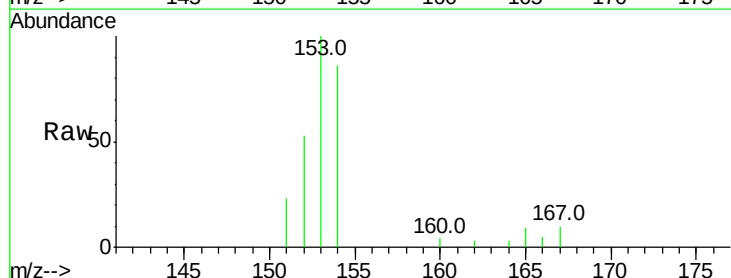
Tgt Ion:153 Resp: 9706

Ion Ratio Lower Upper

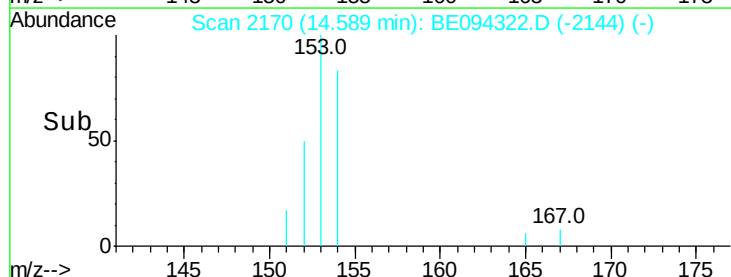
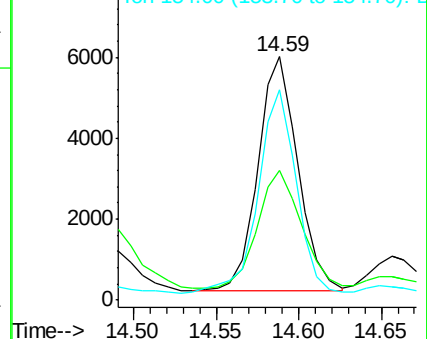
153 100

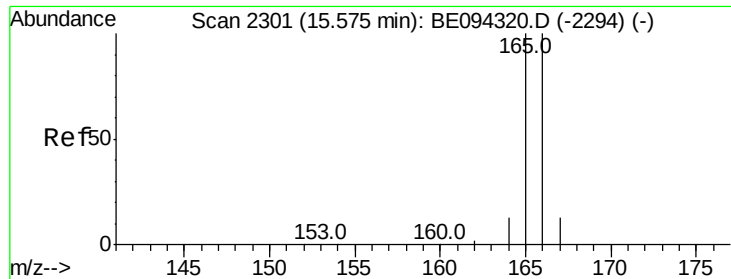
152 53.1 40.3 60.5

154 86.3 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: 0.703 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BE094322.D

Acq: 13 Oct 2017 13:17

Instrument :

BNA_E

ClientSampleId :

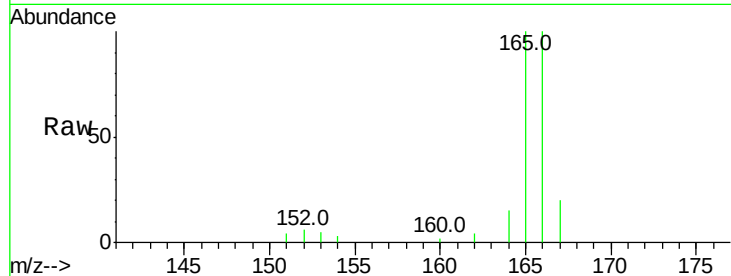
Tot Ion:166 Resp: 15147

Ion Ratio Lower Upper

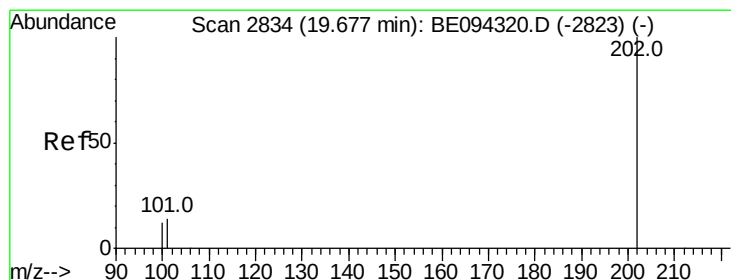
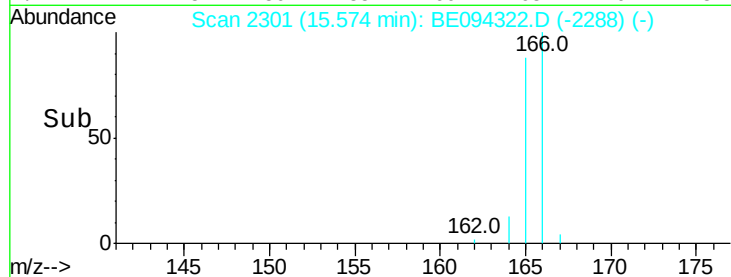
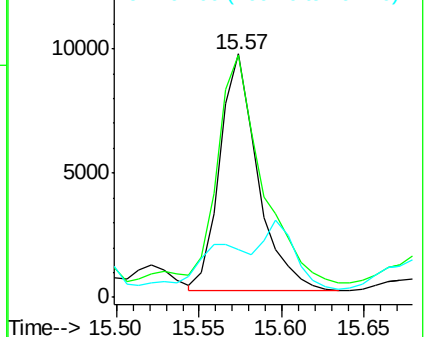
166 100

165 99.6 73.4 110.2

167 19.7 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: 23.638 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BE094322.D

Acq: 13 Oct 2017 13:17

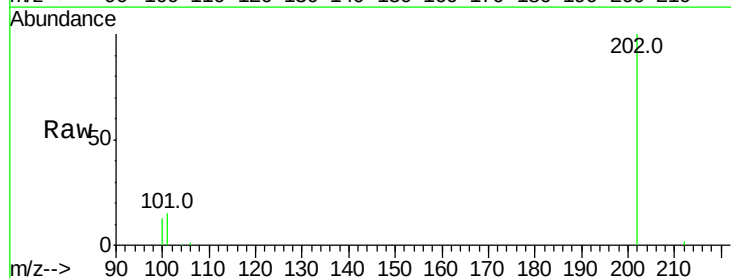
Tgt Ion:202 Resp: 683529

Ion Ratio Lower Upper

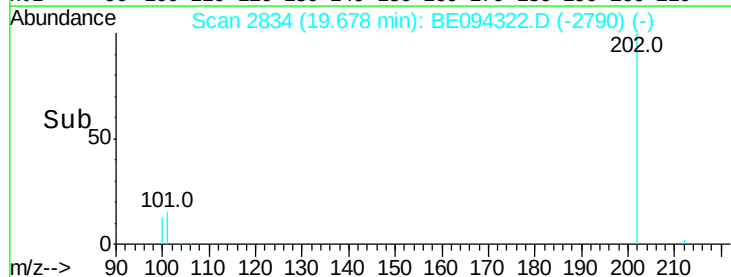
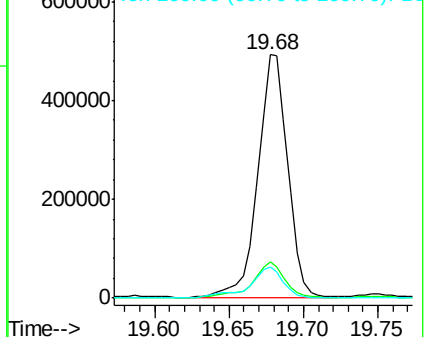
202 100

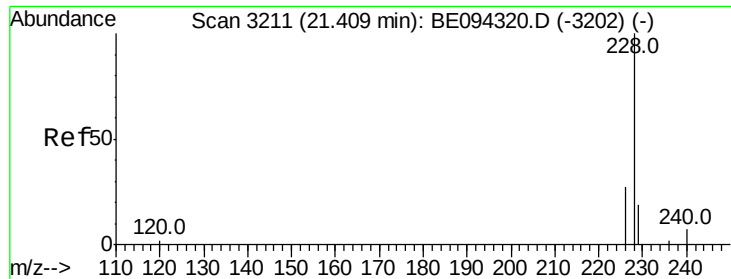
101 14.9 18.2 27.4#

100 13.0 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

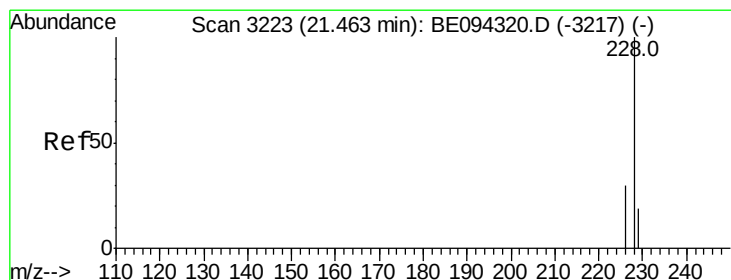
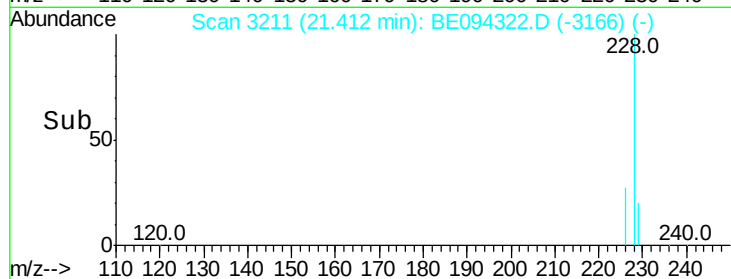
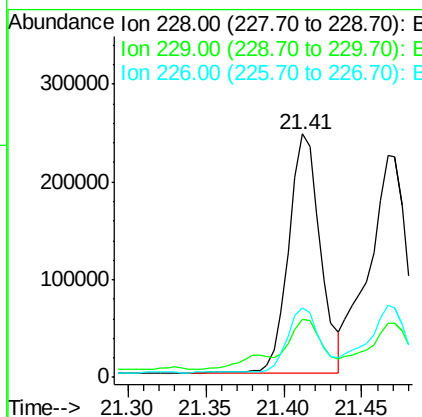
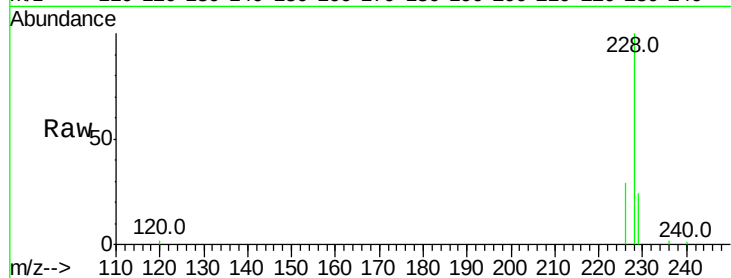




#18
Benzo(a)anthracene
Concen: 12.502 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BE094322.D
Acq: 13 Oct 2017 13:17

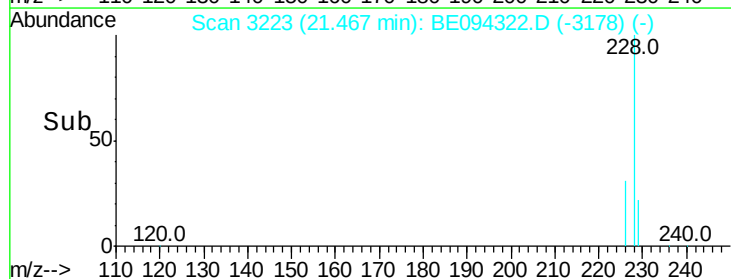
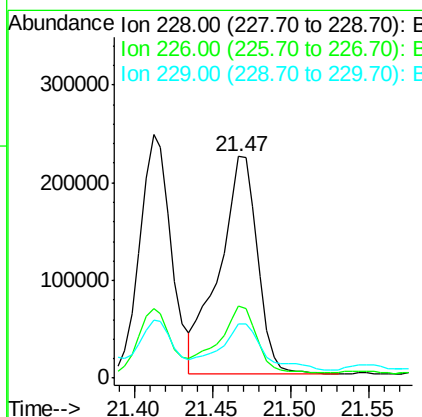
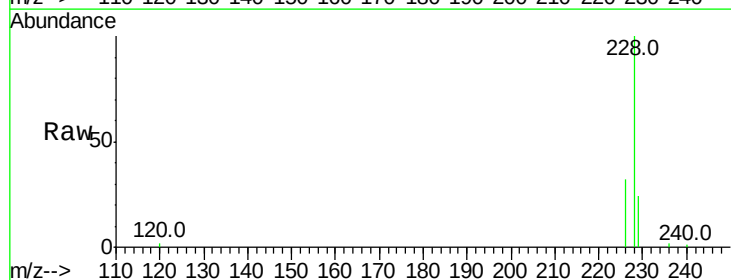
Instrument :
BNA_E
ClientSampleId :

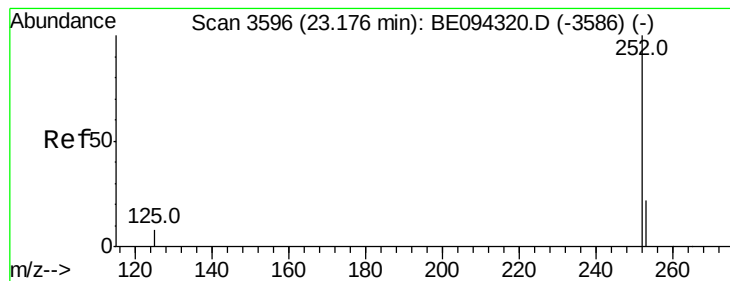
Tot Ion:228 Resp: 344696
Ion Ratio Lower Upper
228 100
229 23.9 22.8 34.2
226 28.8 17.0 25.6#



#19
Chrysene
Concen: 11.937 ng/ul
RT: 21.47 min Scan# 3223
Delta R.T. 0.00 min
Lab File: BE094322.D
Acq: 13 Oct 2017 13:17

Tgt Ion:228 Resp: 380063
Ion Ratio Lower Upper
228 100
226 32.4 23.4 35.0
229 24.3 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.264 ng/ul

RT: 23.20 min Scan# 3600

Delta R.T. 0.02 min

Lab File: BE094322.D

Acq: 13 Oct 2017 13:17

Instrument :

BNA_E

ClientSampled :

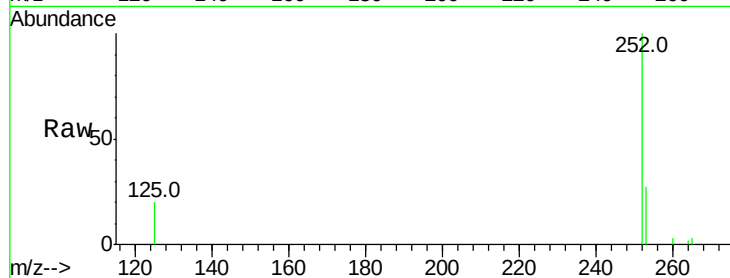
Tot Ion:252 Resp: 433644

Ion Ratio Lower Upper

252 100

253 27.1 0.0 64.2

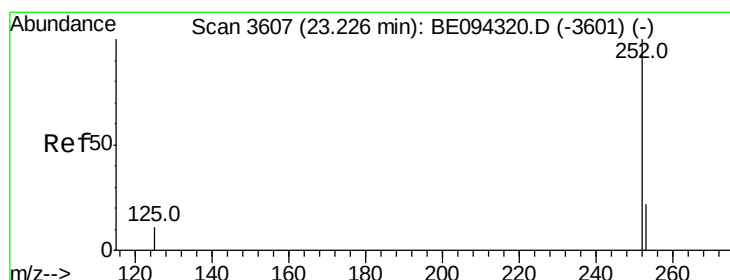
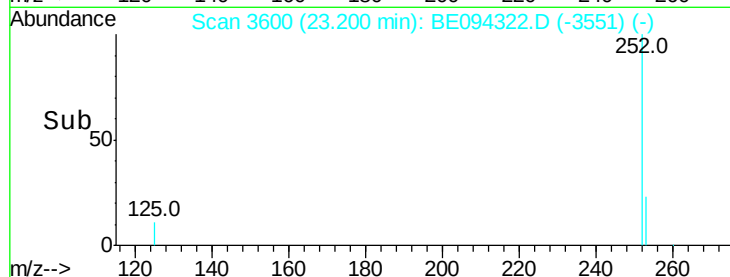
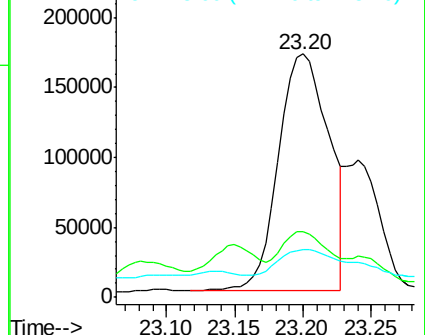
125 19.7 0.0 35.0



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: 0.228 ng/ul

RT: 23.20 min Scan# 3600

Delta R.T. -0.03 min

Lab File: BE094322.D

Acq: 13 Oct 2017 13:17

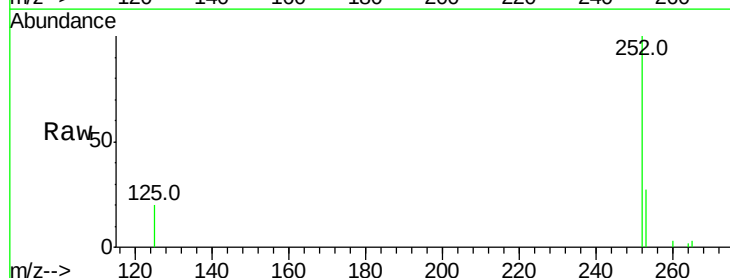
Tgt Ion:252 Resp: 433644

Ion Ratio Lower Upper

252 100

253 27.1 24.5 36.7

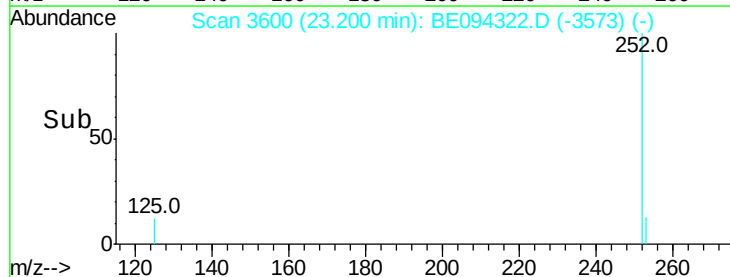
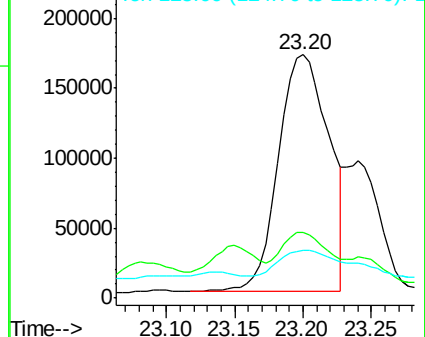
125 19.7 13.7 20.5

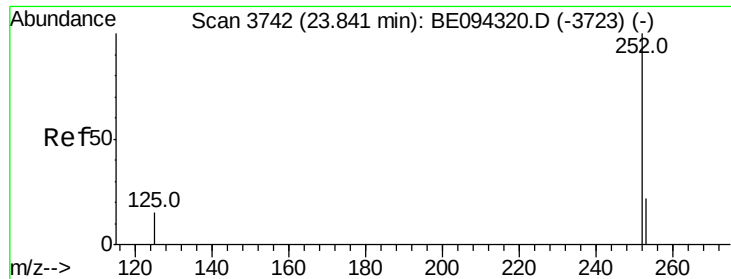


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.155 ng/ul

RT: 23.76 min Scan# 3722

Delta R.T. -0.09 min

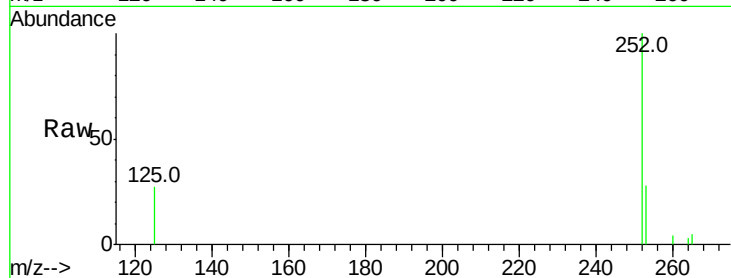
Lab File: BE094322.D

Acq: 13 Oct 2017 13:17

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	252	Resp:	265251
Ion	Ratio	Lower	Upper
252	100		
253	28.2	28.5	42.7#
125	26.9	18.1	27.1

