

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100717\
 Data File : BE094207.D
 Acq On : 7 Oct 2017 17:53
 Operator : SJ/JU
 Sample : I5449-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 07 23:53:12 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration

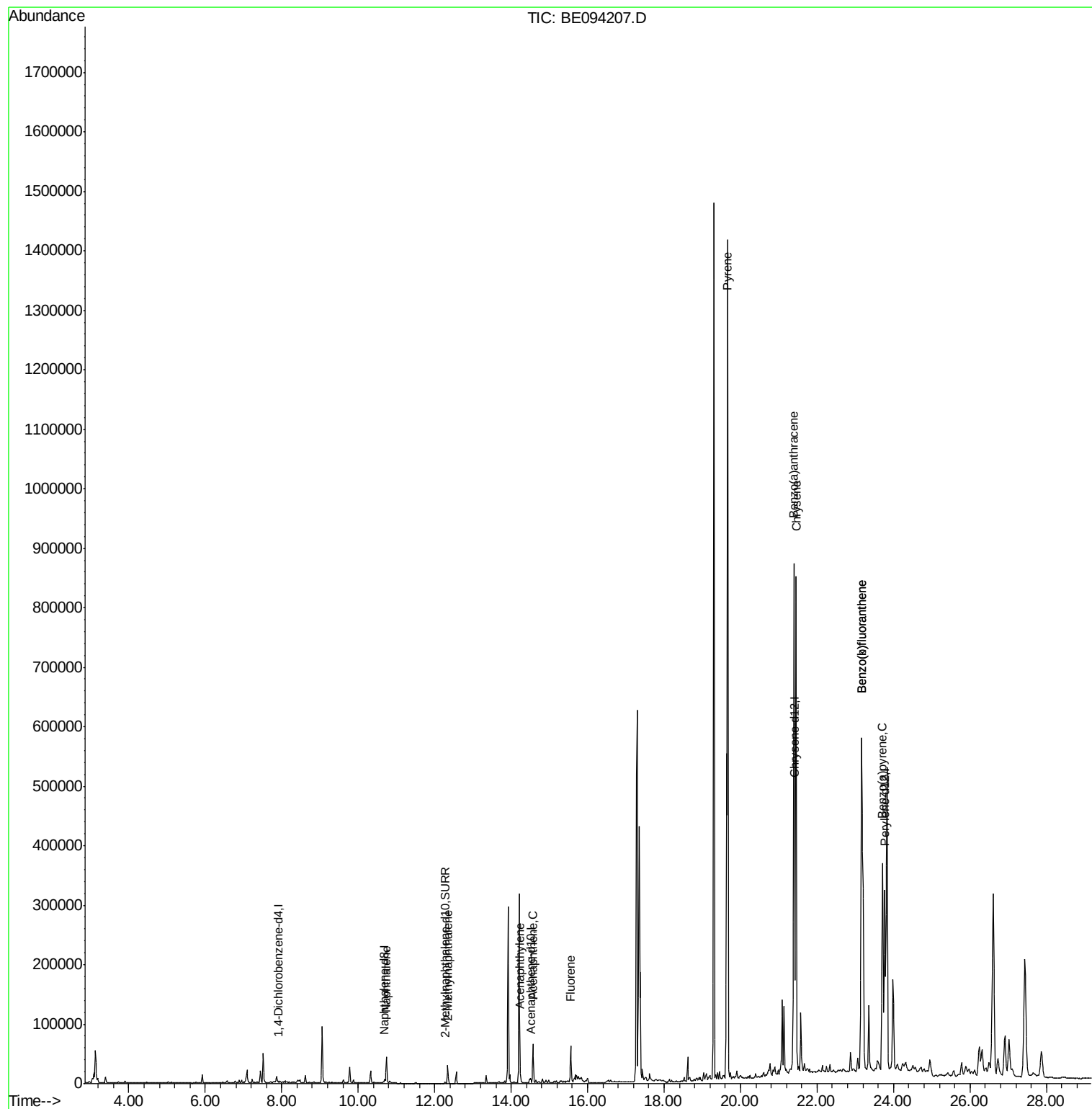
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1246	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6722	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4286	0.40	ng/ul	-0.02
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.27
16) Chrysene-d12	21.42	240	8137	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	463516	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2717	0.26	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	5957	0.00	ng/ul	-0.02
Target Compounds						
					Ovalue	
3) Naphthalene	10.74	128	65512	3.979	ng/ul#	91
5) 2-Methylnaphthalene	12.34	142	25175	2.357	ng/ul	98
7) Acenaphthylene	14.24	152	28873	1.728	ng/ul	99
8) Acenaphthene	14.57	153	38526	2.801	ng/ul	98
9) Fluorene	15.56	166	39382	2.445	ng/ul	93
17) Pyrene	19.66	202	1540843	68.059	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	870383	40.321	ng/ul#	87
19) Chrysene	21.45	228	855351	34.312	ng/ul	97
21) Benzo(b)fluoranthene	23.17	252	954627	0.758	ng/ul	86
22) Benzo(k)fluoranthene	23.17	252	954627	0.656	ng/ul#	88
23) Benzo(a)pyrene	23.71	252	580266	0.443	ng/ul#	84

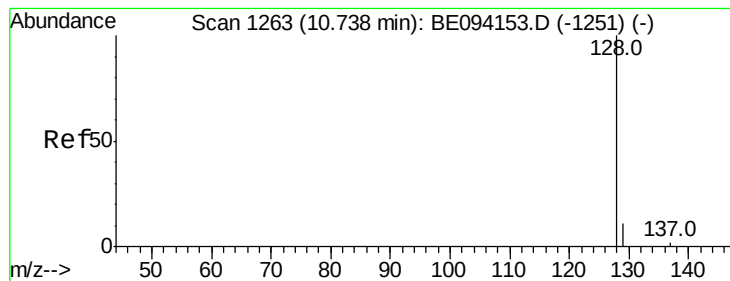
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.979 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

Instrument :

BNA_E

ClientSampleId :

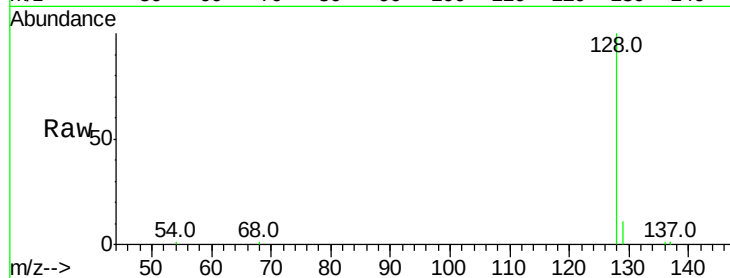
Tot Ion:128 Resp: 65512

Ion Ratio Lower Upper

128 100

129 11.4 11.3 16.9

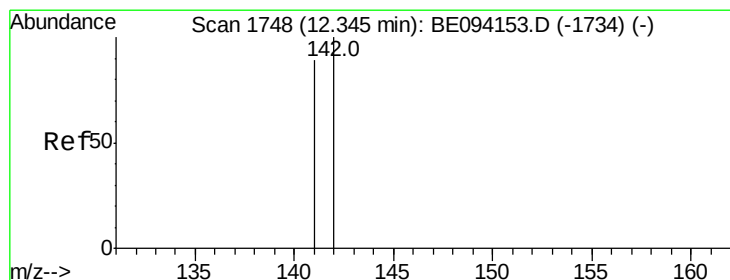
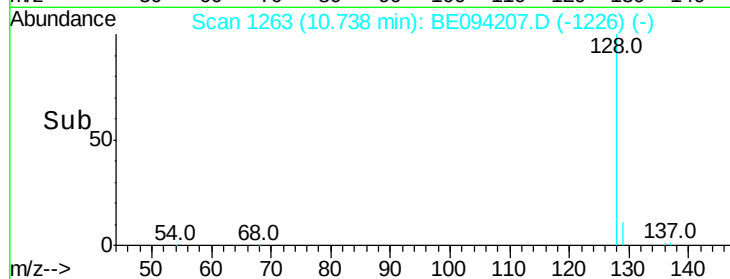
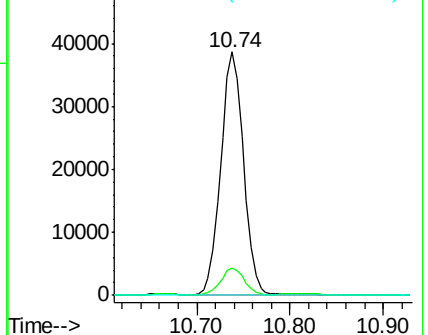
127 0.0 4.0 6.0#



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: 2.357 ng/ul

RT: 12.34 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BE094207.D

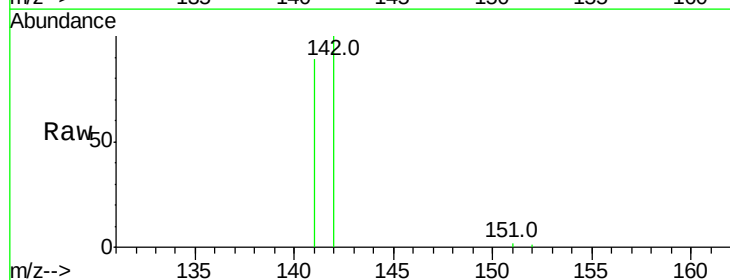
Acq: 7 Oct 2017 17:53

Tgt Ion:142 Resp: 25175

Ion Ratio Lower Upper

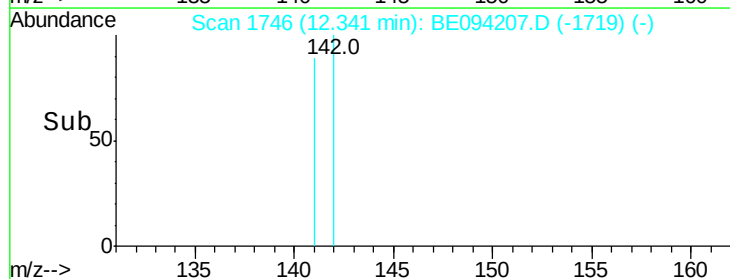
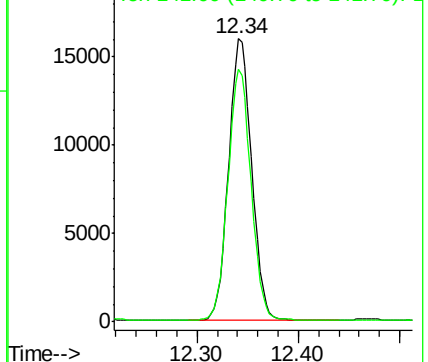
142 100

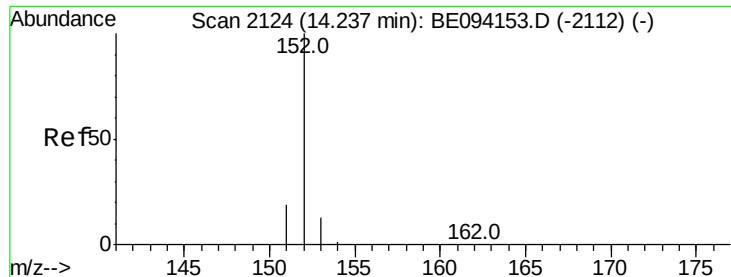
141 88.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.728 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

Instrument :

BNA_E

ClientSampled :

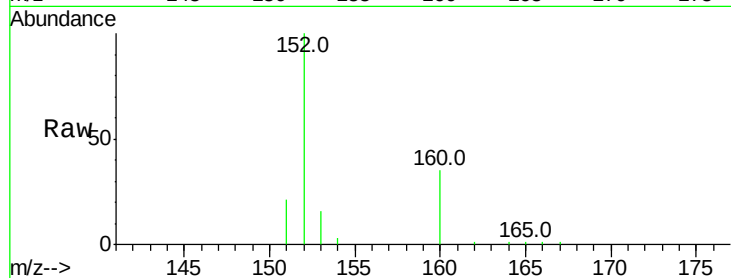
Tot Ion:152 Resp: 28873

Ion Ratio Lower Upper

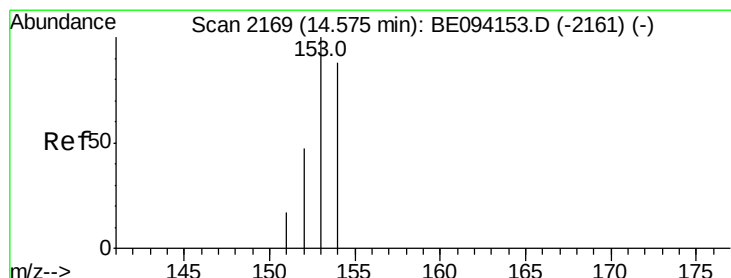
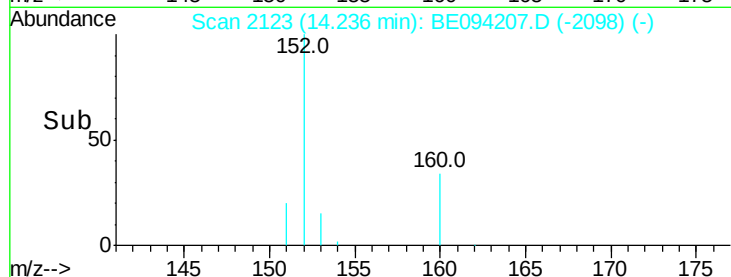
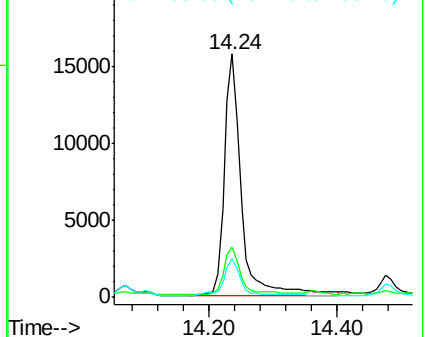
152 100

151 20.8 17.1 25.7

153 15.8 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: 2.801 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

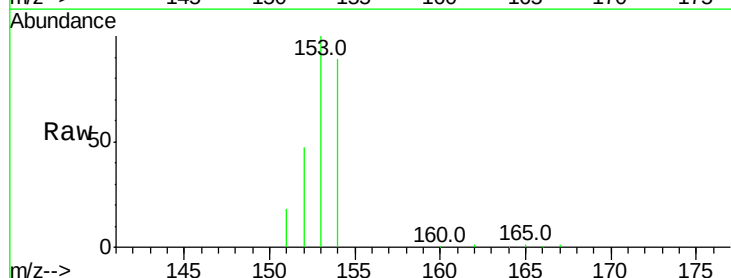
Tgt Ion:153 Resp: 38526

Ion Ratio Lower Upper

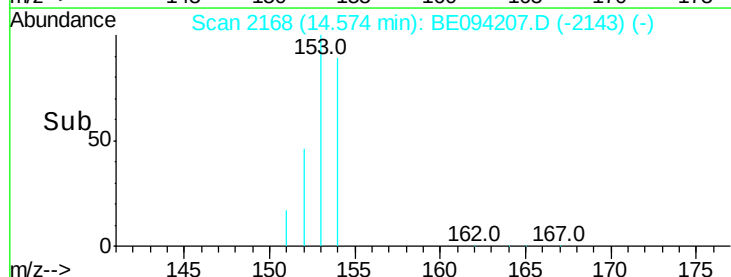
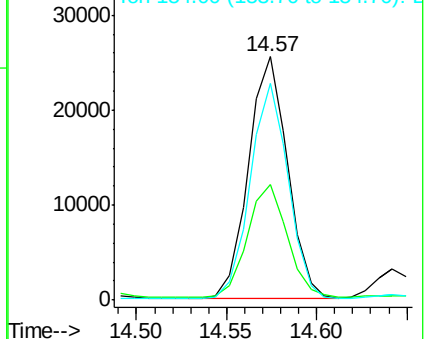
153 100

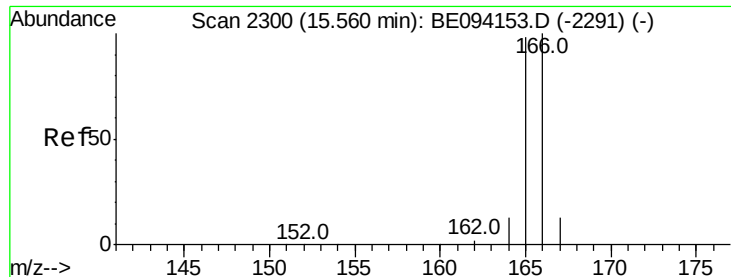
152 47.2 40.3 60.5

154 89.1 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: 2.445 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

Instrument :

BNA_E

ClientSampleId :

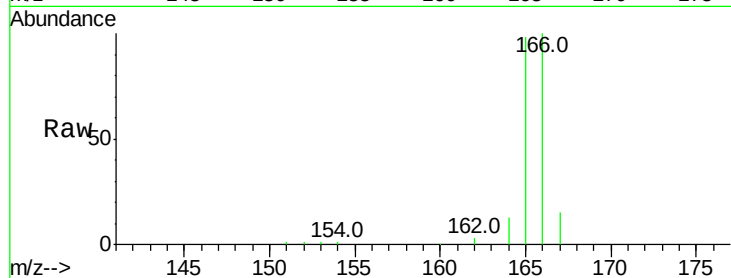
Tot Ion:166 Resp: 39382

Ion Ratio Lower Upper

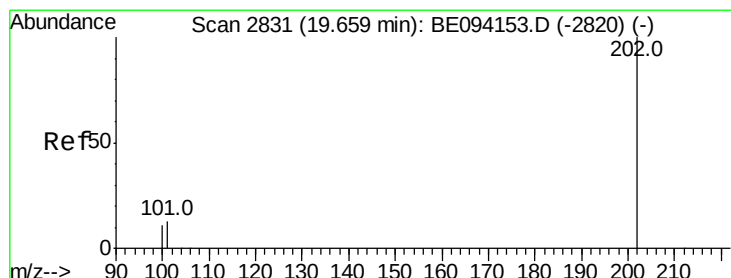
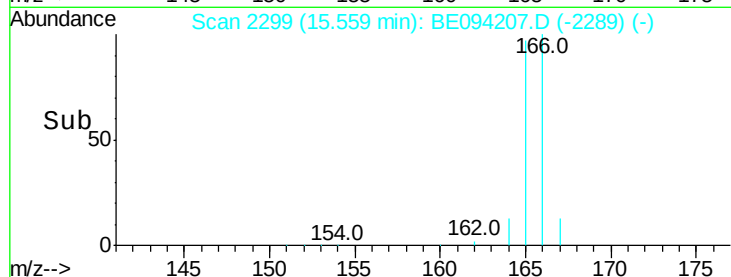
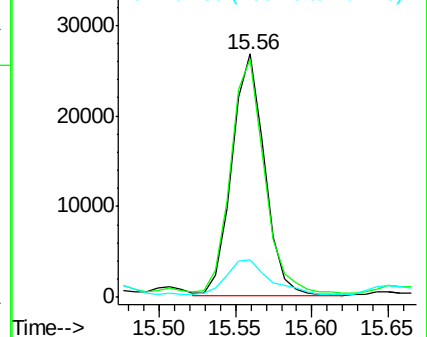
166 100

165 98.1 73.4 110.2

167 15.4 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: 68.059 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

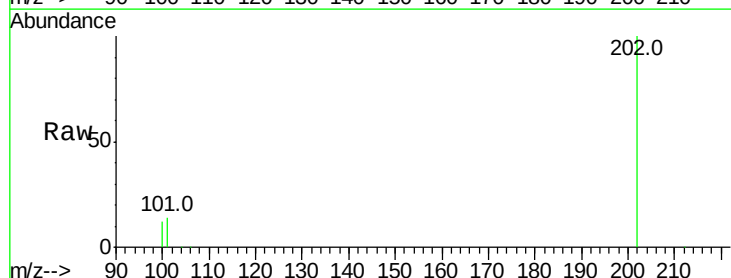
Tgt Ion:202 Resp: 1540843

Ion Ratio Lower Upper

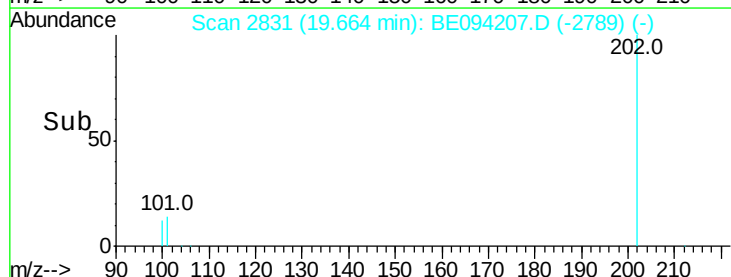
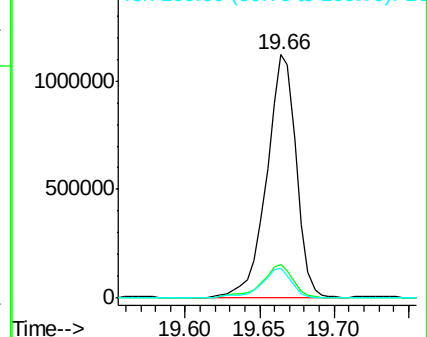
202 100

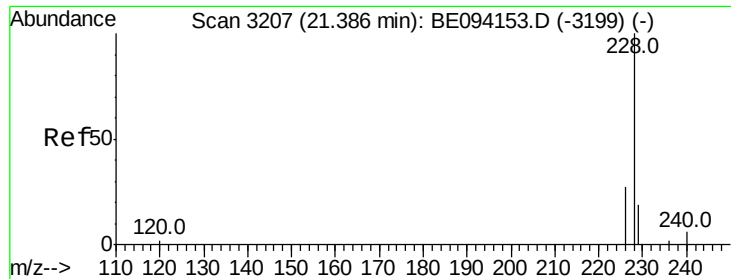
101 13.7 18.2 27.4#

100 12.1 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

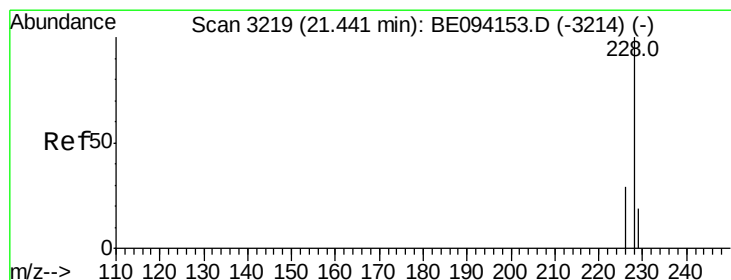
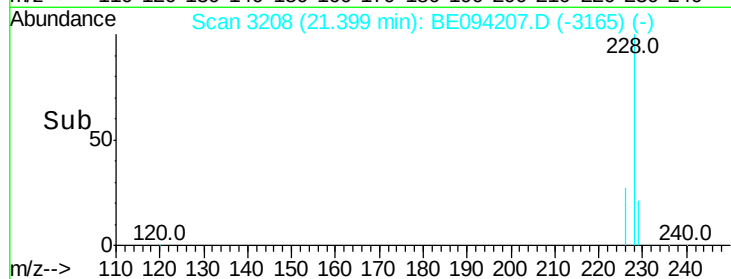
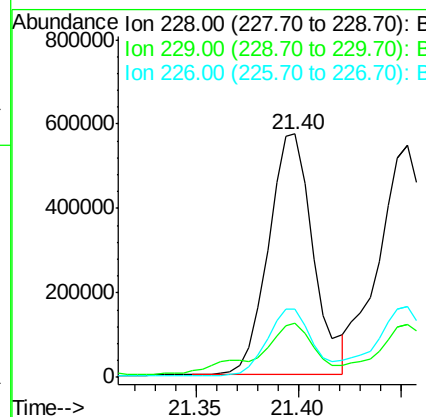
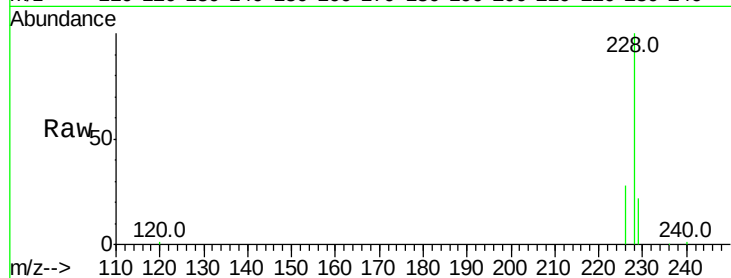




#18
Benzo(a)anthracene
Concen: 40.321 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. -0.01 min
Lab File: BE094207.D
Acq: 7 Oct 2017 17:53

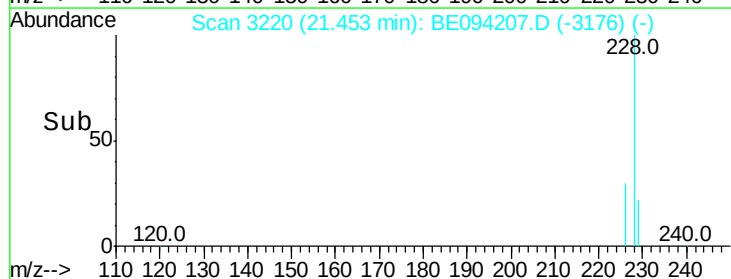
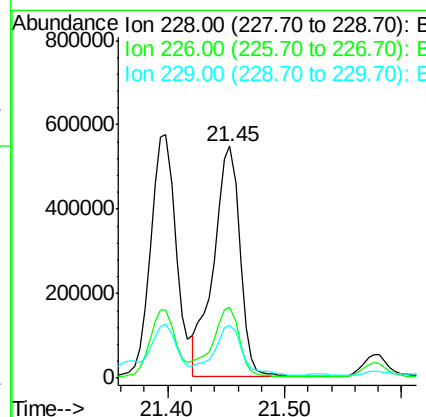
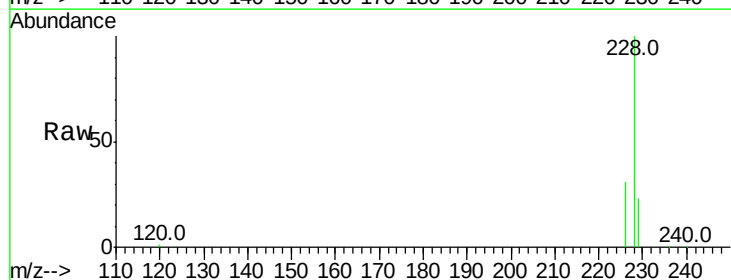
Instrument :
BNA_E
ClientSampleId :

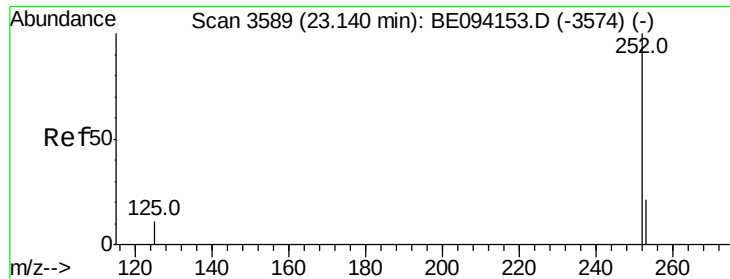
Tot Ion:228 Resp: 870383
Ion Ratio Lower Upper
228 100
229 22.1 22.8 34.2#
226 27.9 17.0 25.6#



#19
Chrysene
Concen: 34.312 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. -0.00 min
Lab File: BE094207.D
Acq: 7 Oct 2017 17:53

Tgt Ion:228 Resp: 855351
Ion Ratio Lower Upper
228 100
226 30.8 23.4 35.0
229 23.1 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.758 ng/ul

RT: 23.17 min Scan# 3593

Delta R.T. 0.01 min

Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

Instrument :

BNA_E

ClientSampleId :

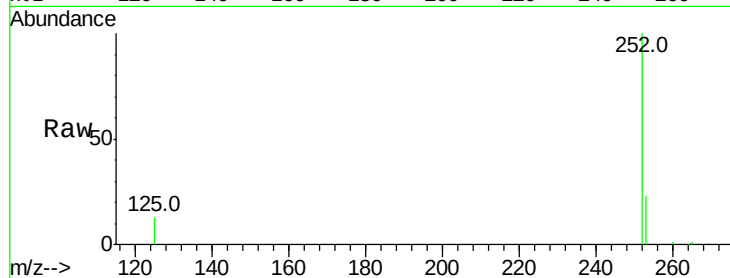
Tot Ion:252 Resp: 954627

Ion Ratio Lower Upper

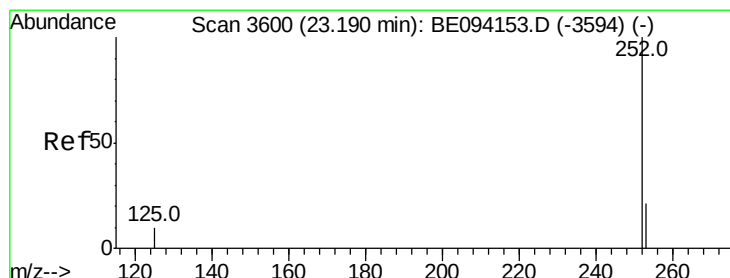
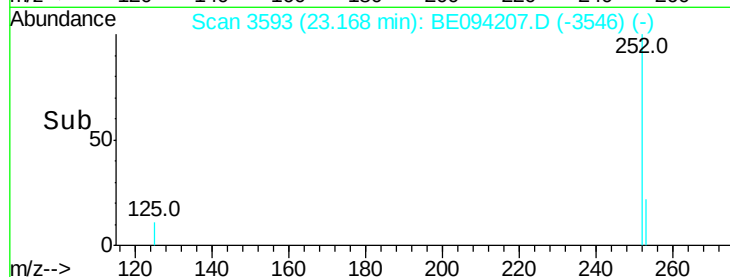
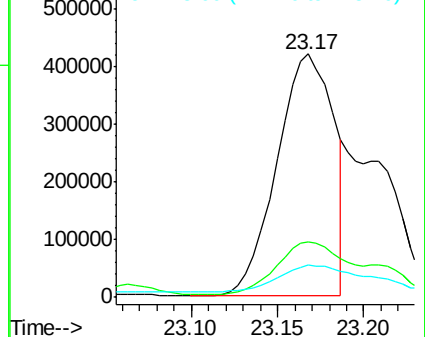
252 100

253 23.0 0.0 64.2

125 13.1 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: 0.656 ng/ul

RT: 23.17 min Scan# 3593

Delta R.T. -0.04 min

Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

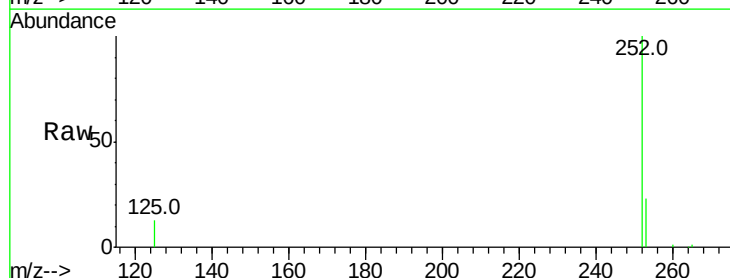
Tgt Ion:252 Resp: 954627

Ion Ratio Lower Upper

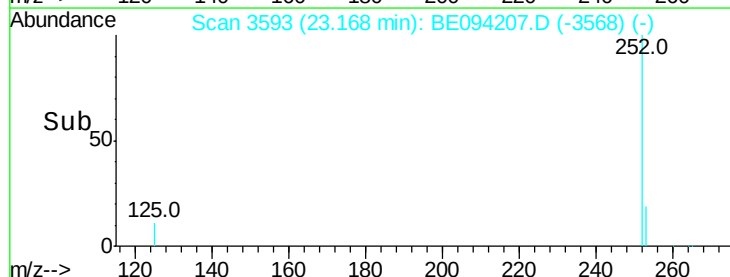
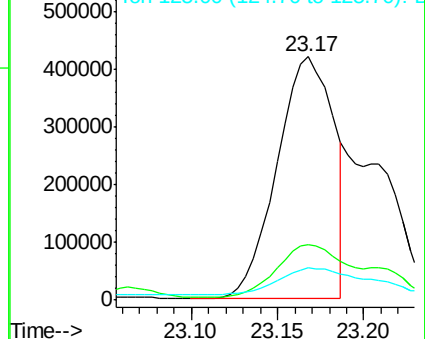
252 100

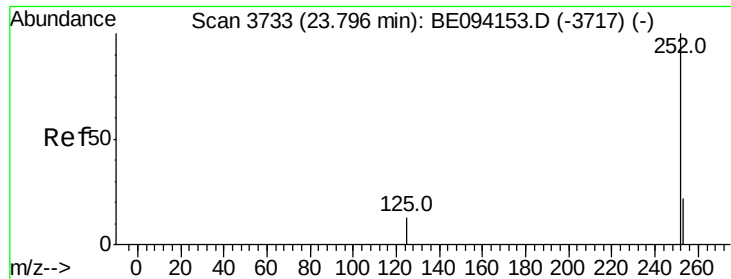
253 23.0 24.5 36.7#

125 13.1 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: 0.443 ng/ul

RT: 23.71 min Scan# 3713

Delta R.T. -0.10 min

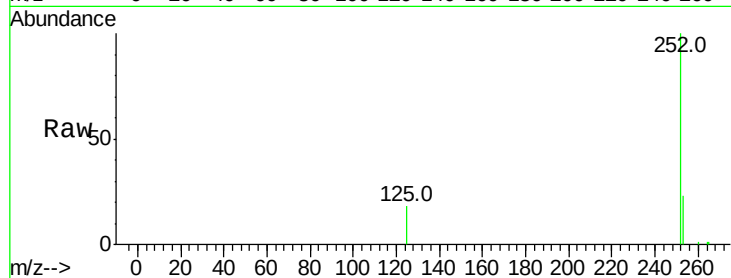
Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

Instrument :

BNA_E

ClientSampleId :



Tot Ion:252 Resp: 580266

Ion Ratio Lower Upper

252 100

253 23.4 28.5 42.7#

125 18.0 18.1 27.1#

