

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094273.D
 Acq On : 11 Oct 2017 4:42
 Operator : SJ/JU
 Sample : I5522-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 11 08:27:45 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 08:24:24 2017
 Response via : Initial Calibration

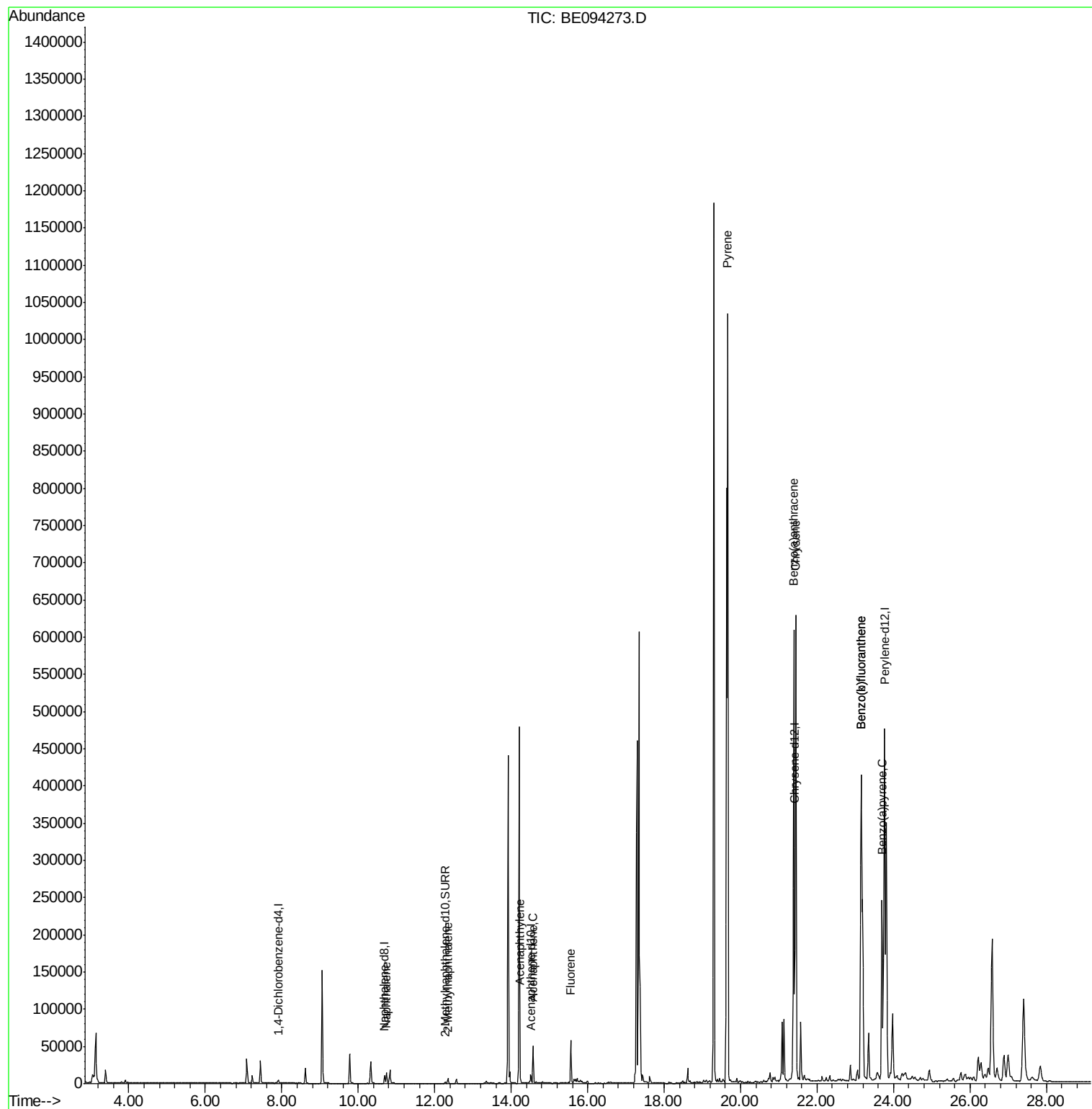
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2183	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10897	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6386	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.26
16) Chrysene-d12	21.41	240	12887	0.40	ng/ul	0.00
20) Perylene-d12	23.76	264	684201	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4068	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	9562	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.74	128	21662	0.812	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	7062	0.408	ng/ul	98
7) Acenaphthylene	14.24	152	5586	0.224	ng/ul	98
8) Acenaphthene	14.57	153	28509	1.391	ng/ul	97
9) Fluorene	15.56	166	35369	1.474	ng/ul#	93
17) Pyrene	19.66	202	1113467	31.054	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	595830	17.428	ng/ul#	86
19) Chrysene	21.45	228	641834	16.257	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	716234	0.385	ng/ul	85
22) Benzo(k)fluoranthene	23.15	252	716234	0.333	ng/ul#	87
23) Benzo(a)pyrene	23.70	252	375460	0.194	ng/ul#	82

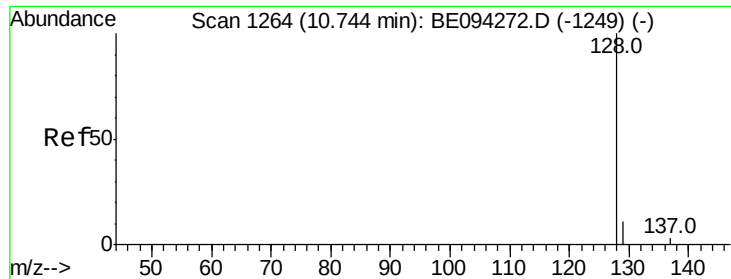
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.812 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE094273.D

Acq: 11 Oct 2017 4:42

Instrument :

BNA_E

ClientSampleId :

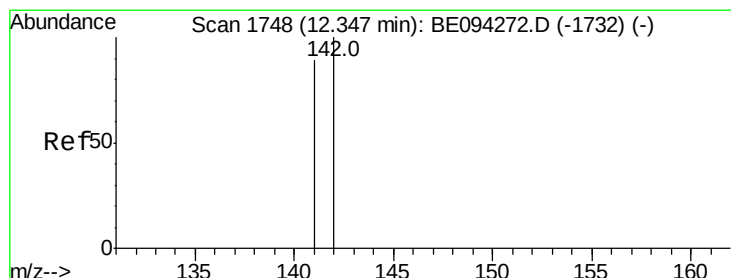
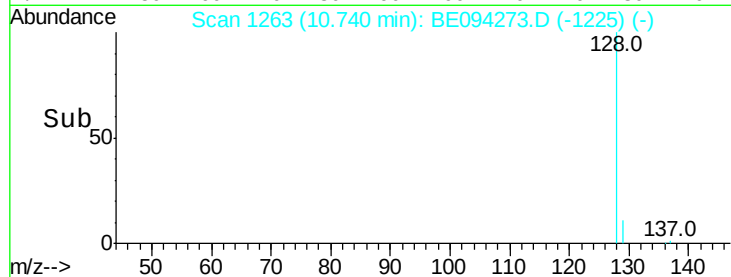
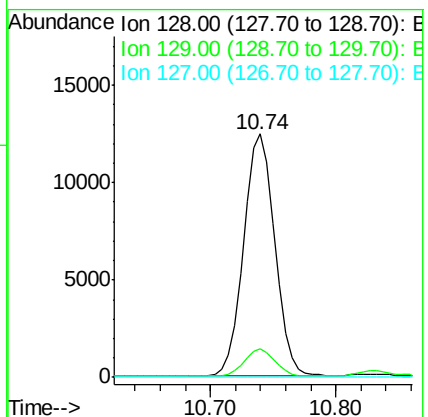
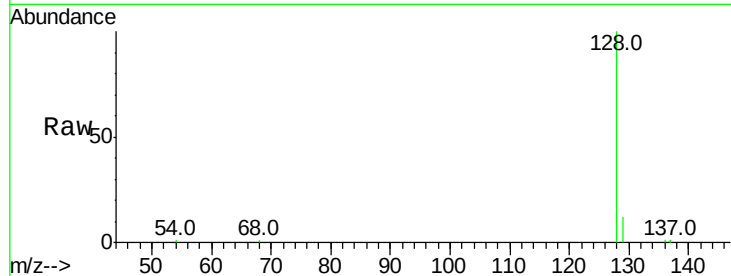
Tot Ion:128 Resp: 21662

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.408 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BE094273.D

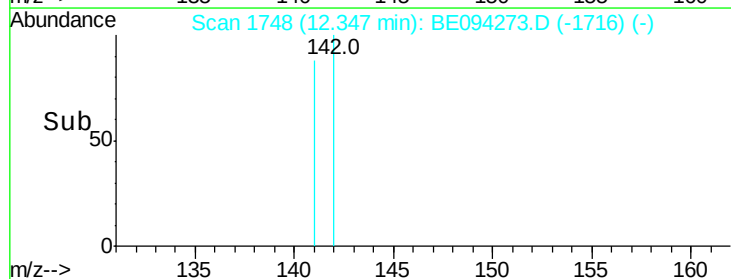
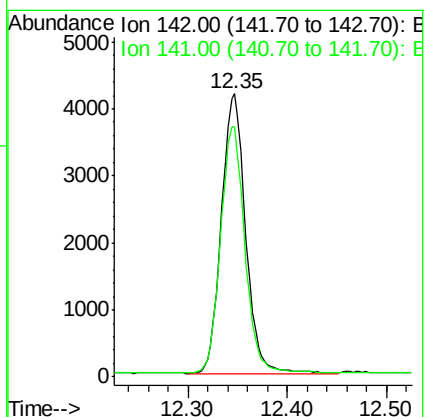
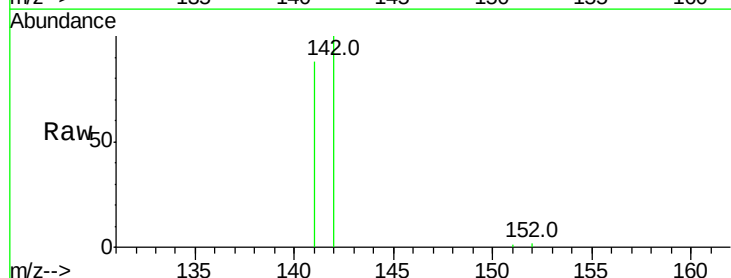
Acq: 11 Oct 2017 4:42

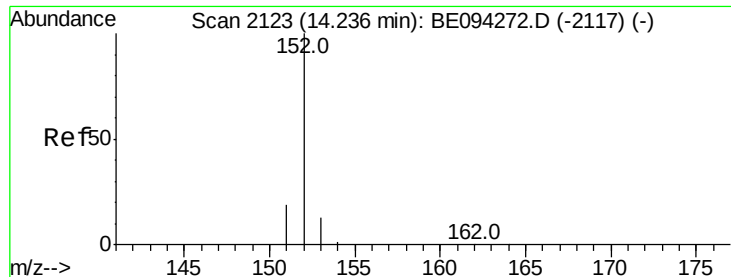
Tgt Ion:142 Resp: 7062

Ion Ratio Lower Upper

142 100

141 88.7 72.6 108.8





#7

Acenaphthylene

Concen: 0.224 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094273.D

Acq: 11 Oct 2017 4:42

Instrument :

BNA_E

ClientSampleId :

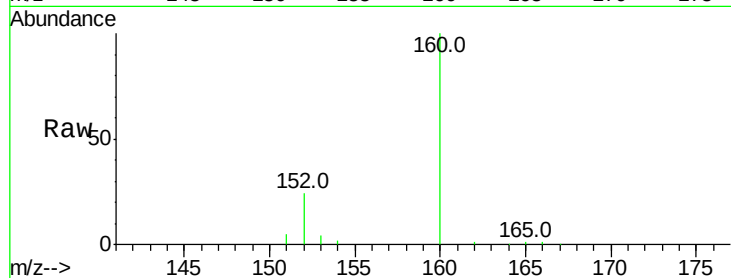
Tot Ion:152 Resp: 5586

Ion Ratio Lower Upper

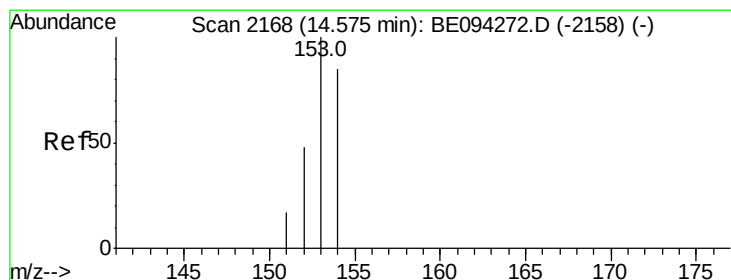
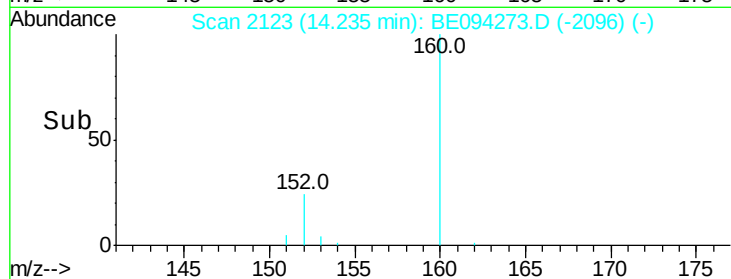
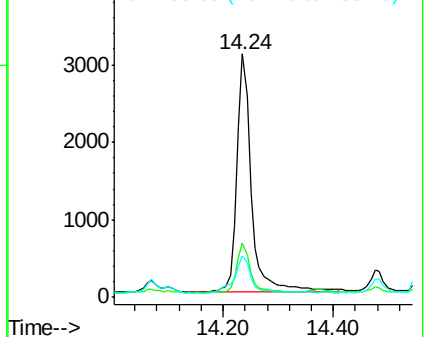
152 100

151 22.1 17.1 25.7

153 17.1 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: 1.391 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BE094273.D

Acq: 11 Oct 2017 4:42

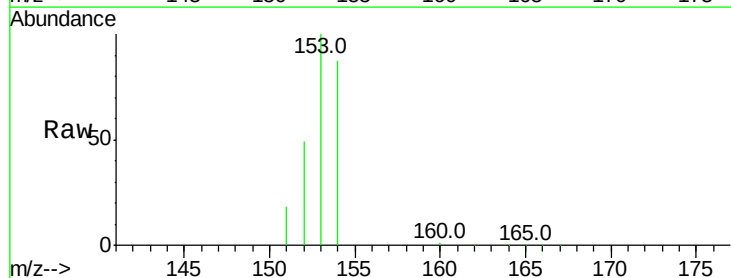
Tgt Ion:153 Resp: 28509

Ion Ratio Lower Upper

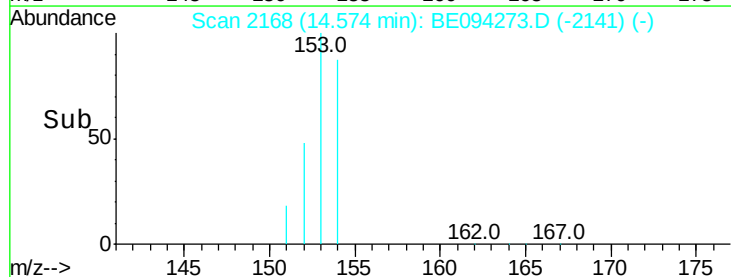
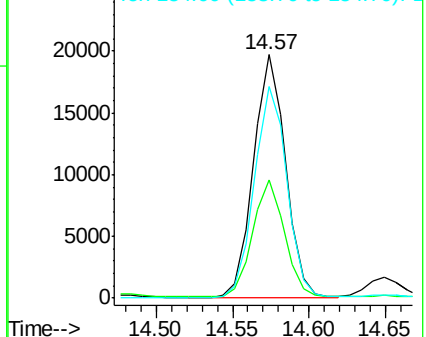
153 100

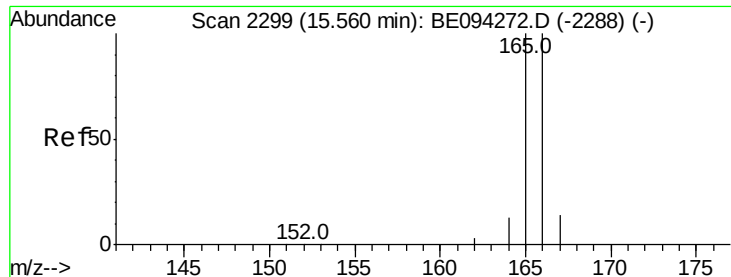
152 48.5 40.3 60.5

154 87.0 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: 1.474 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BE094273.D

Acq: 11 Oct 2017 4:42

Instrument :

BNA_E

ClientSampleId :

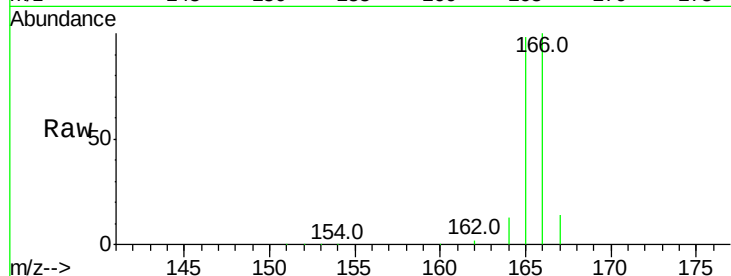
Tot Ion:166 Resp: 35369

Ion Ratio Lower Upper

166 100

165 97.9 73.4 110.2

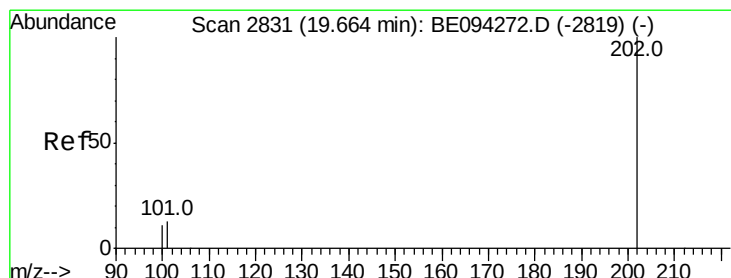
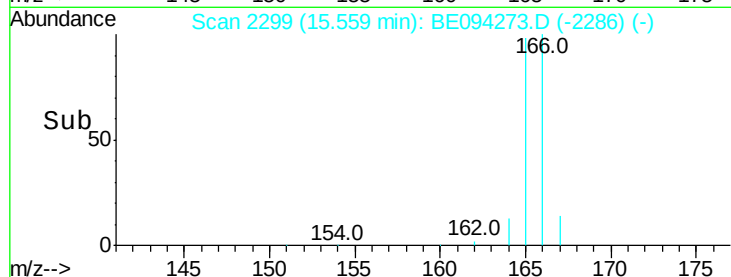
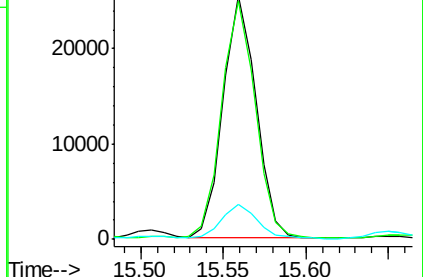
167 14.5 14.6 22.0#



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: 31.054 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE094273.D

Acq: 11 Oct 2017 4:42

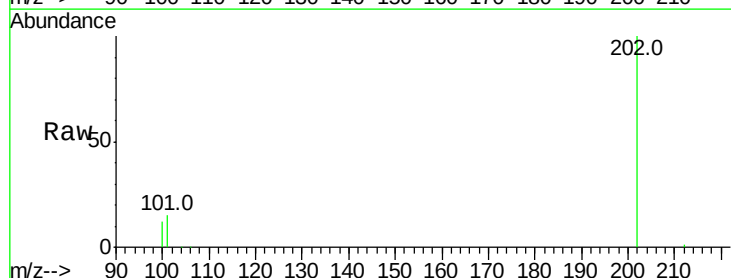
Tgt Ion:202 Resp: 1113467

Ion Ratio Lower Upper

202 100

101 14.6 18.2 27.4#

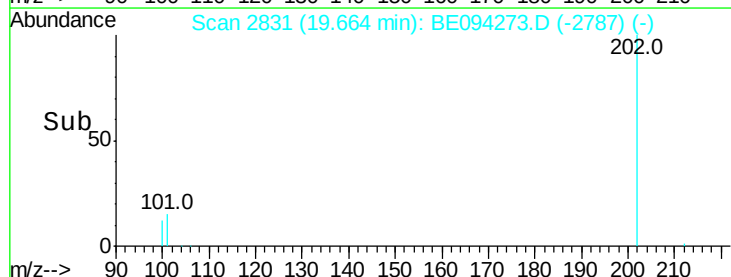
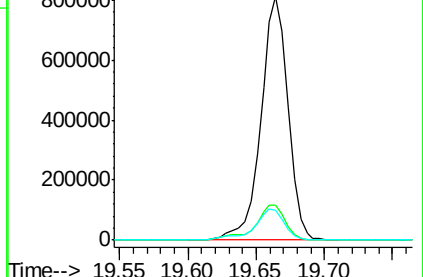
100 12.3 15.6 23.4#

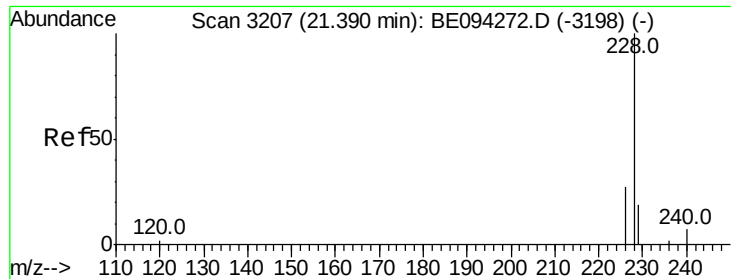


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

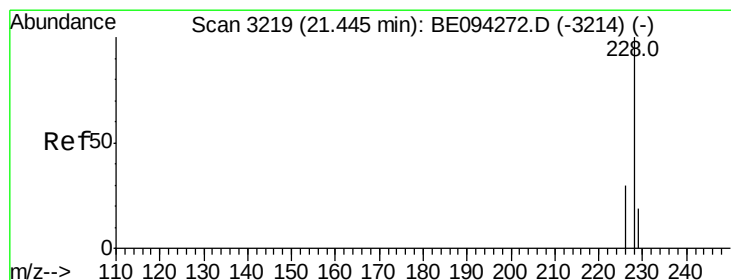
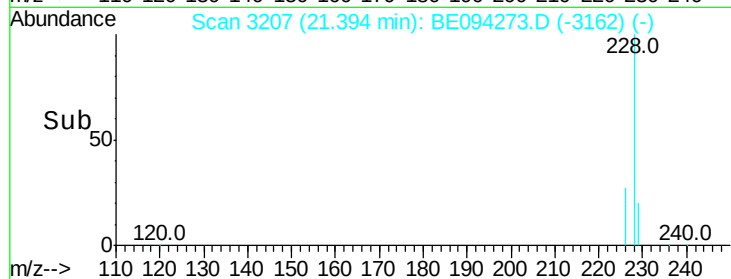
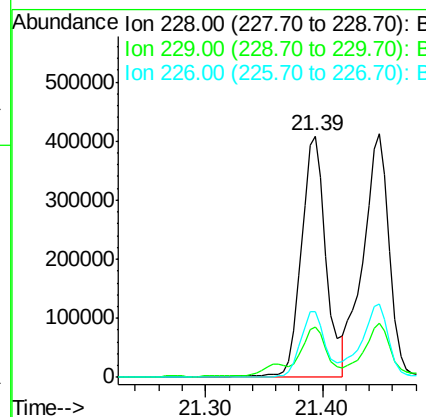
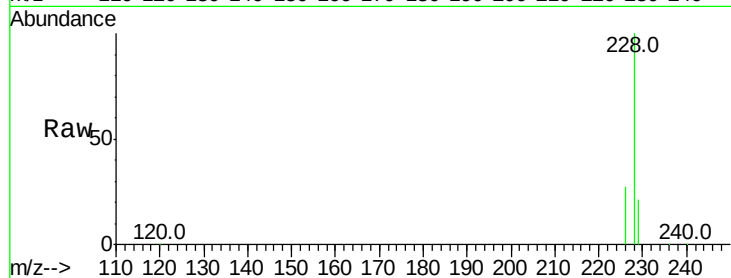




#18
Benzo(a)anthracene
Concen: 17.428 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BE094273.D
Acq: 11 Oct 2017 4:42

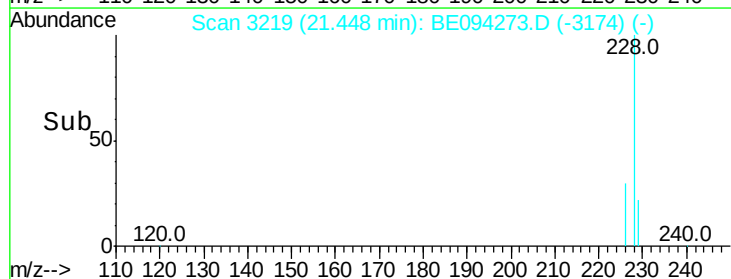
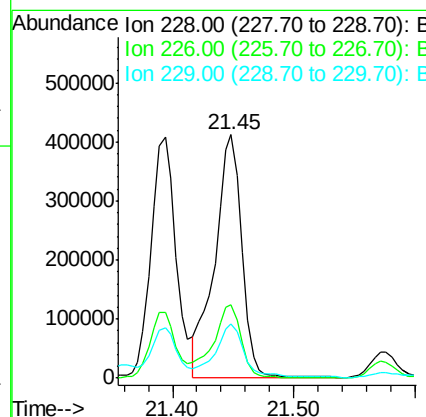
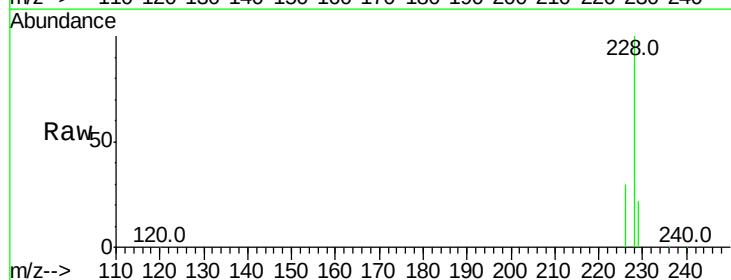
Instrument :
BNA_E
ClientSampleId :

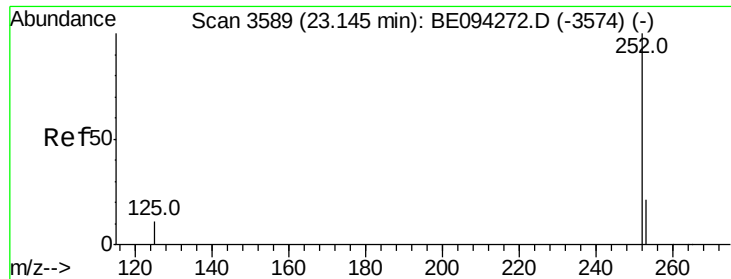
Tot Ion:228 Resp: 595830
Ion Ratio Lower Upper
228 100
229 20.9 22.8 34.2#
226 27.5 17.0 25.6#



#19
Chrysene
Concen: 16.257 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BE094273.D
Acq: 11 Oct 2017 4:42

Tgt Ion:228 Resp: 641834
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.0
229 22.1 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.385 ng/ul

RT: 23.15 min Scan# 3590

Delta R.T. 0.01 min

Lab File: BE094273.D

Acq: 11 Oct 2017 4:42

Instrument :

BNA_E

ClientSampleId :

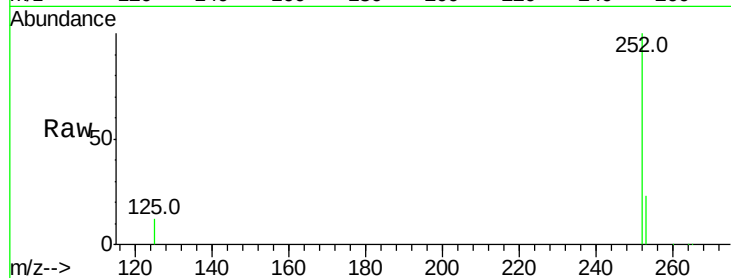
Tot Ion:252 Resp: 716234

Ion Ratio Lower Upper

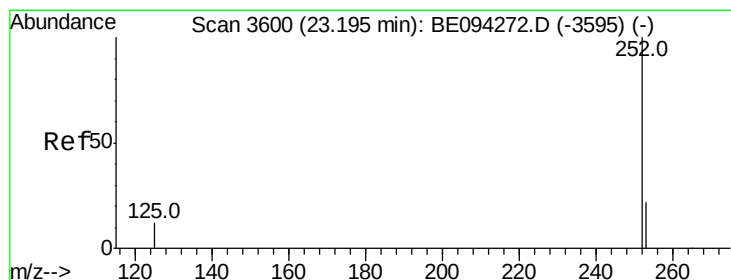
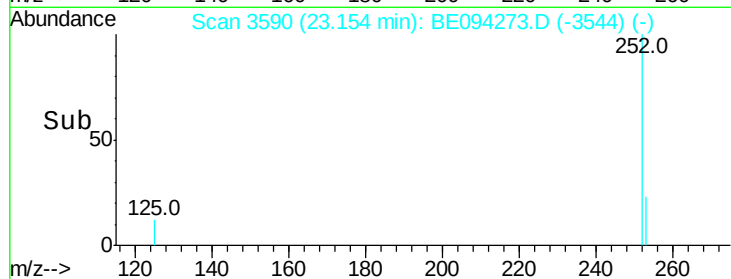
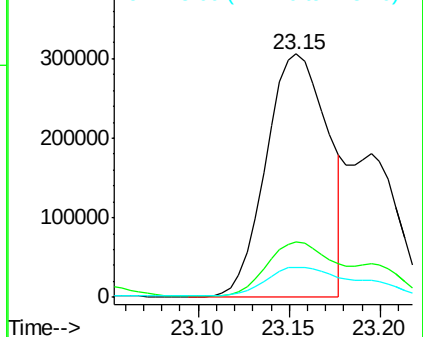
252 100

253 22.9 0.0 64.2

125 12.4 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: 0.333 ng/ul

RT: 23.15 min Scan# 3590

Delta R.T. -0.04 min

Lab File: BE094273.D

Acq: 11 Oct 2017 4:42

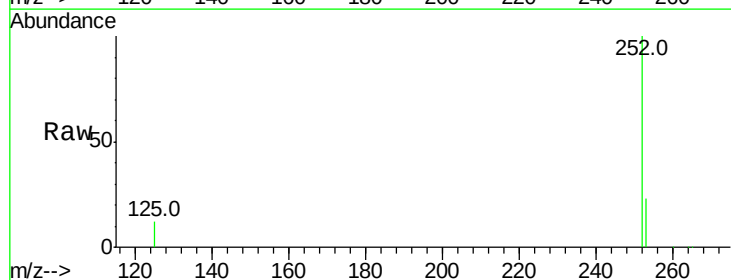
Tgt Ion:252 Resp: 716234

Ion Ratio Lower Upper

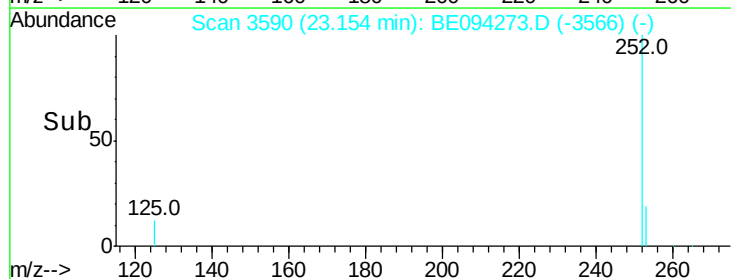
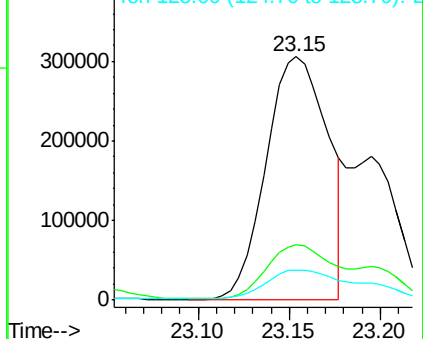
252 100

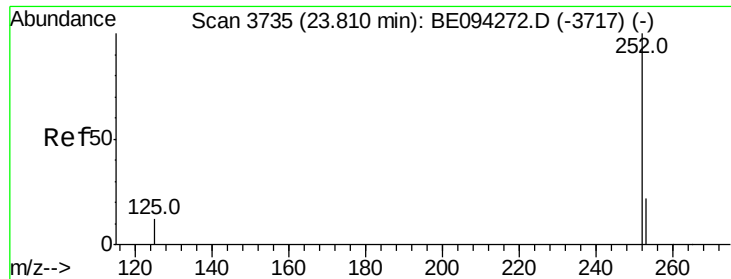
253 22.9 24.5 36.7#

125 12.4 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: 0.194 ng/ul

RT: 23.70 min Scan# 3710

Delta R.T. -0.11 min

Lab File: BE094273.D

Acq: 11 Oct 2017 4:42

Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 375460

Ion Ratio Lower Upper

252 100

253 22.9 28.5 42.7#

125 17.1 18.1 27.1#

