

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094234.D
 Acq On : 9 Oct 2017 23:17
 Operator : SJ/JU
 Sample : I5522-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 10 08:50:50 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 04:05:38 2017
 Response via : Initial Calibration

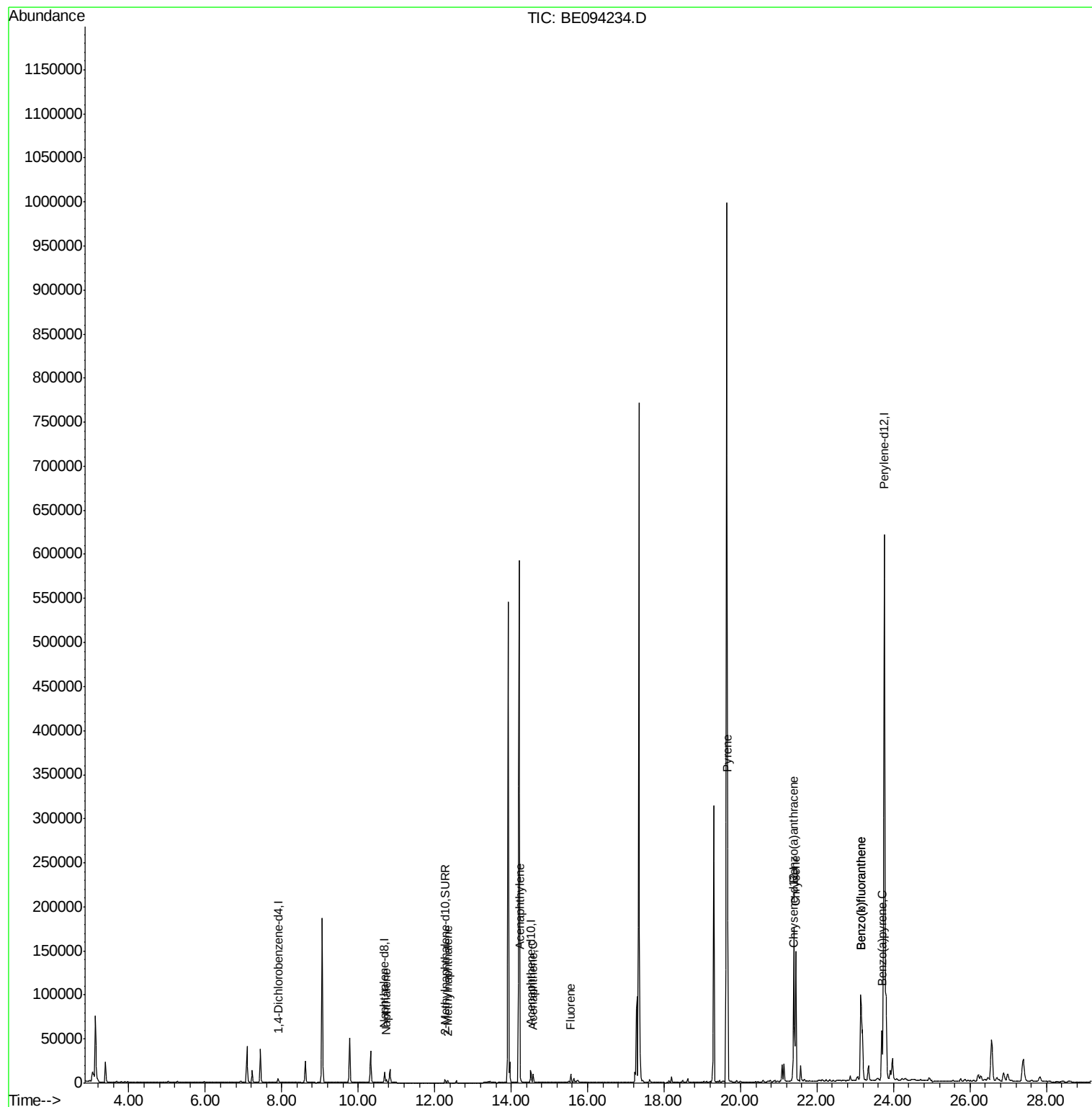
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2466	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	12748	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	7739	0.40	ng/ul	-0.02
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.27
16) Chrysene-d12	21.41	240	16914	0.40	ng/ul	0.00
20) Perylene-d12	23.76	264	885718	0.40	ng/ul	-0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	5062	0.26	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	12347	0.00	ng/ul	-0.02
Target Compounds						
					Ovalue	
3) Naphthalene	10.74	128	4891	0.16	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	2598	0.13	ng/ul	98
7) Acenaphthylene	14.24	152	3418	0.11	ng/ul	96
8) Acenaphthene	14.57	153	5643	0.23	ng/ul	99
9) Fluorene	15.56	166	5989	0.21	ng/ul	95
17) Pyrene	19.66	202	298697	6.35	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	160501	3.58	ng/ul#	87
19) Chrysene	21.45	228	151667	2.93	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	174322	0.07	ng/ul	85
22) Benzo(k)fluoranthene	23.15	252	174322	0.06	ng/ul#	87
23) Benzo(a)pyrene	23.70	252	88877	0.04	ng/ul#	82

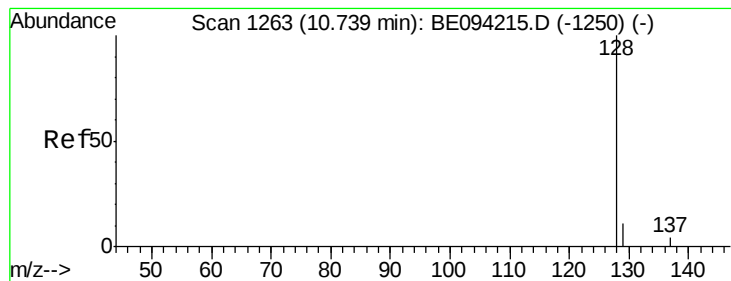
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.16 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094234.D

Acq: 9 Oct 2017 23:17

Instrument :

BNA_E

ClientSampleId :

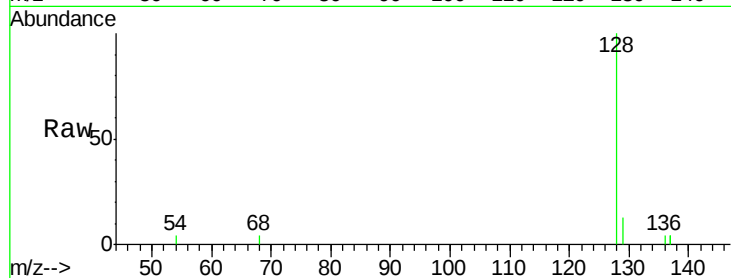
Tot Ion:128 Resp: 4891

Ion Ratio Lower Upper

128 100

129 13.2 11.3 16.9

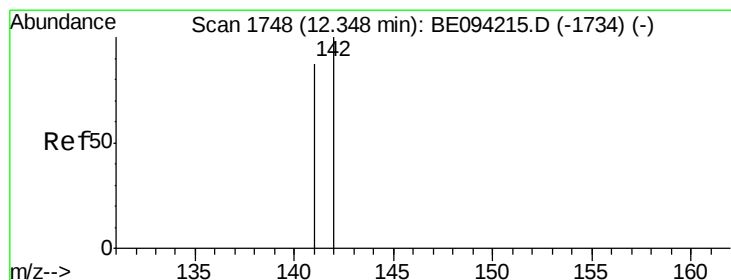
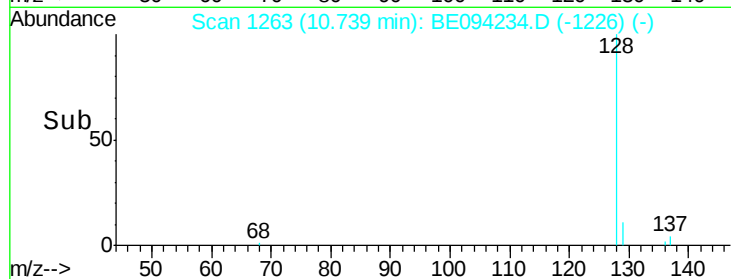
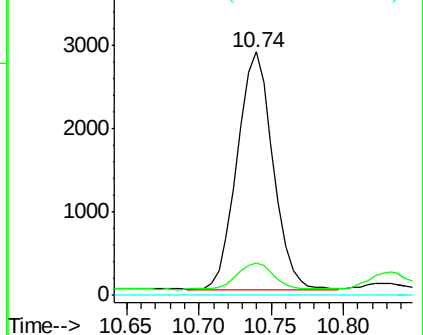
127 0.0 4.0 6.0#



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: 0.13 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BE094234.D

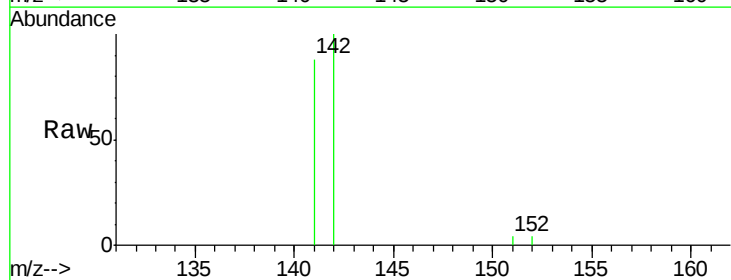
Acq: 9 Oct 2017 23:17

Tgt Ion:142 Resp: 2598

Ion Ratio Lower Upper

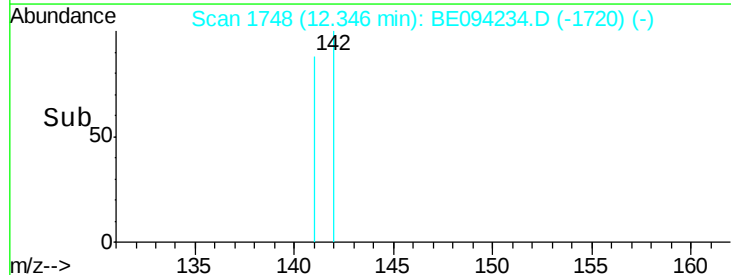
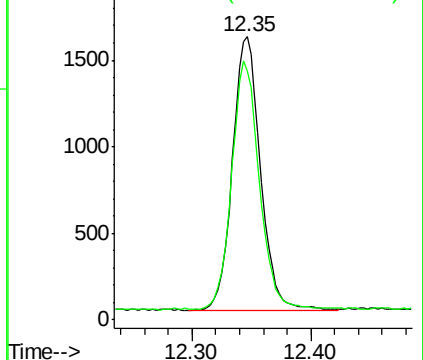
142 100

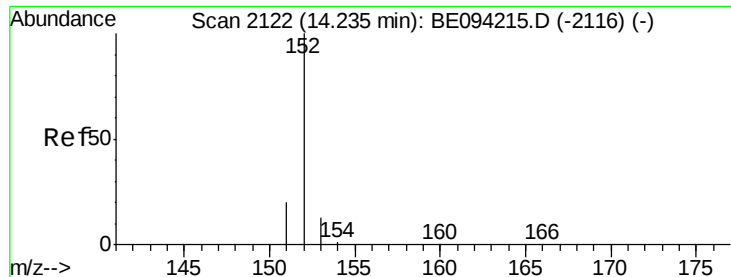
141 89.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.11 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BE094234.D

Acq: 9 Oct 2017 23:17

Instrument :

BNA_E

ClientSampleId :

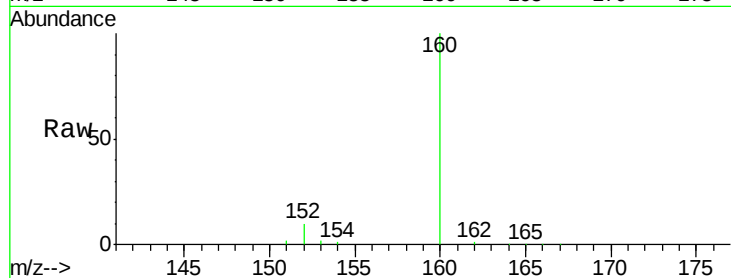
Tot Ion:152 Resp: 3418

Ion Ratio Lower Upper

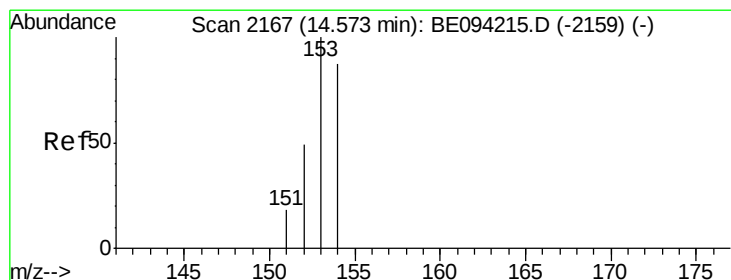
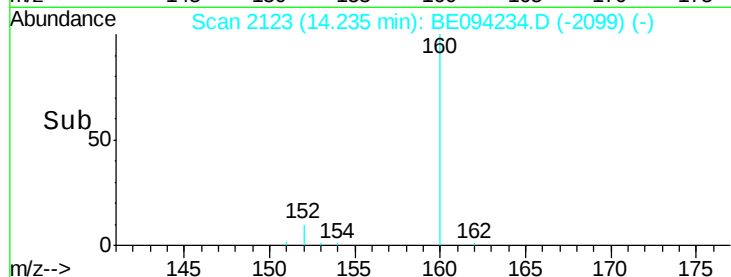
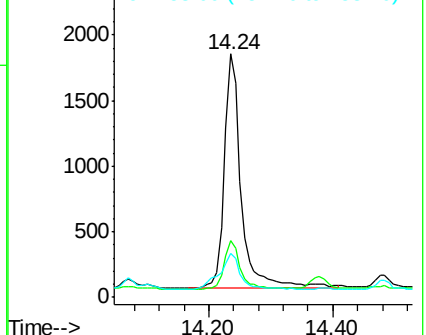
152 100

151 23.3 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: 0.23 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BE094234.D

Acq: 9 Oct 2017 23:17

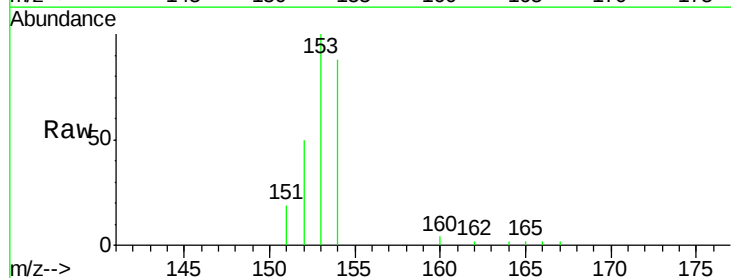
Tgt Ion:153 Resp: 5643

Ion Ratio Lower Upper

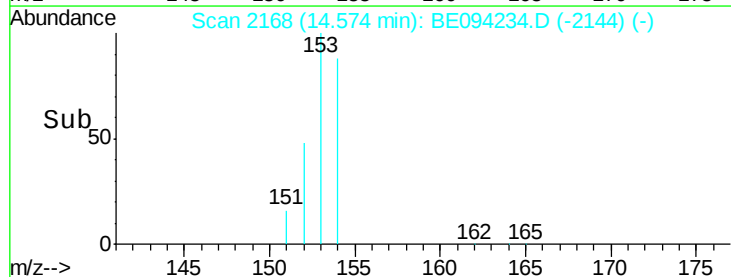
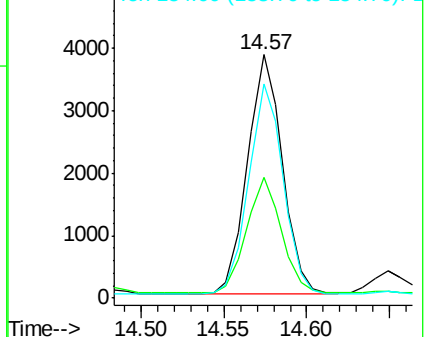
153 100

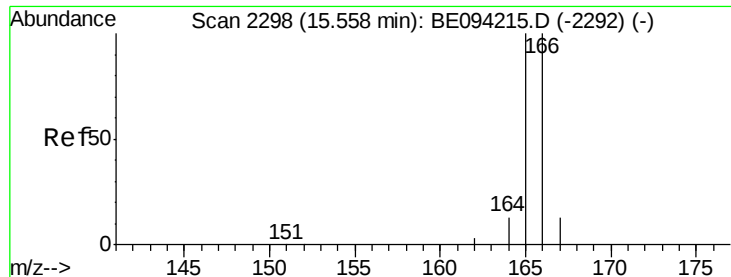
152 49.5 40.3 60.5

154 88.0 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: 0.21 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094234.D

Acq: 9 Oct 2017 23:17

Instrument :

BNA_E

ClientSampled :

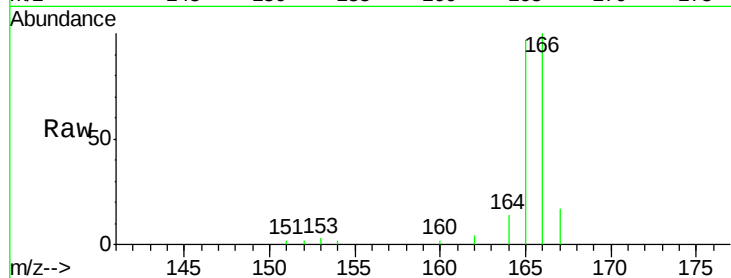
Tot Ion:166 Resp: 5989

Ion Ratio Lower Upper

166 100

165 97.2 73.4 110.2

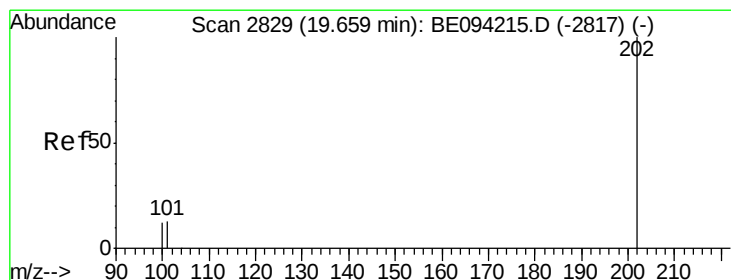
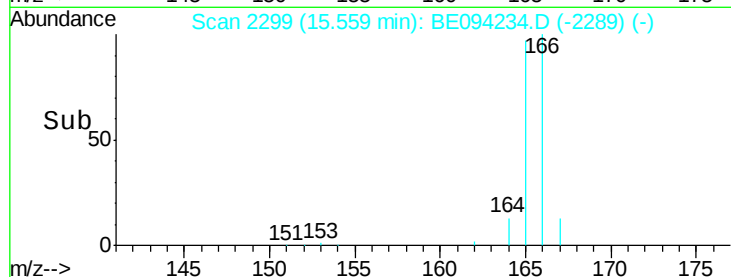
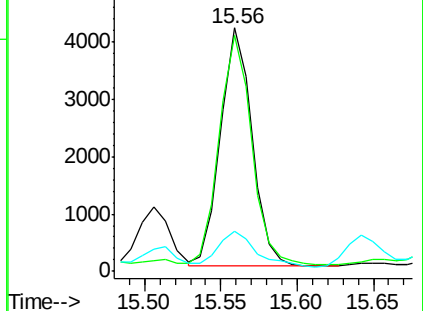
167 16.6 14.6 22.0



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: 6.35 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BE094234.D

Acq: 9 Oct 2017 23:17

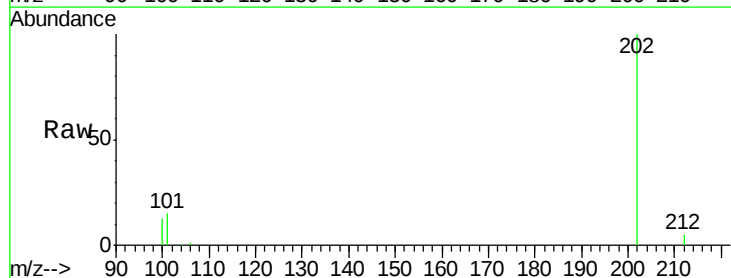
Tgt Ion:202 Resp: 298697

Ion Ratio Lower Upper

202 100

101 14.7 18.2 27.4#

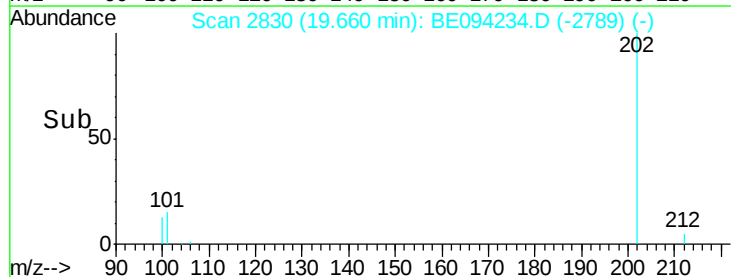
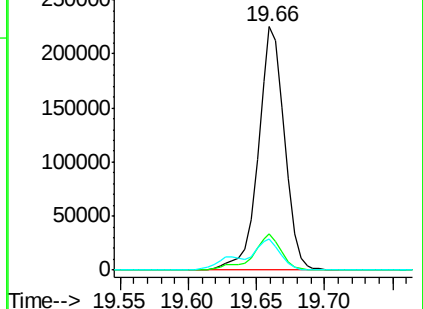
100 12.8 15.6 23.4#

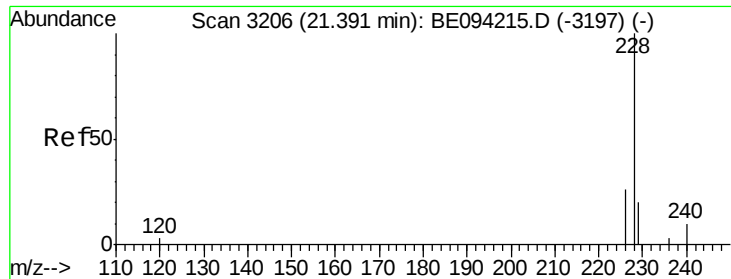


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

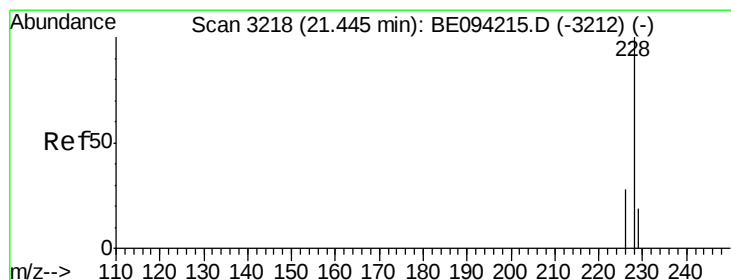
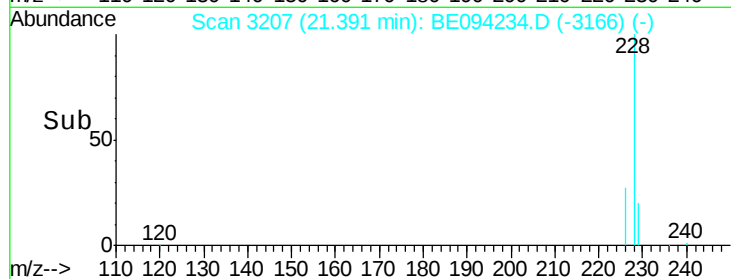
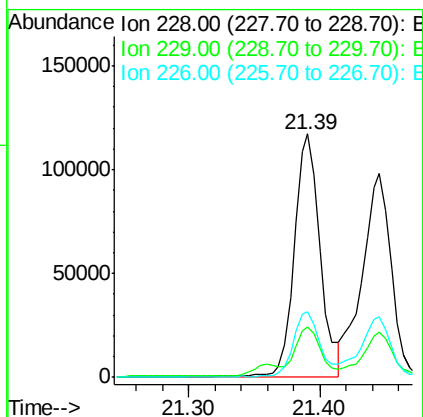
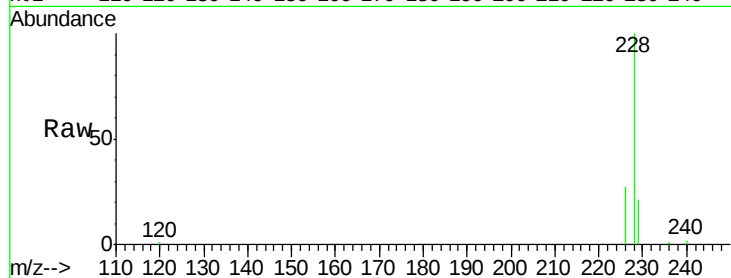




#18
Benzo(a)anthracene
Concen: 3.58 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BE094234.D
Acq: 9 Oct 2017 23:17

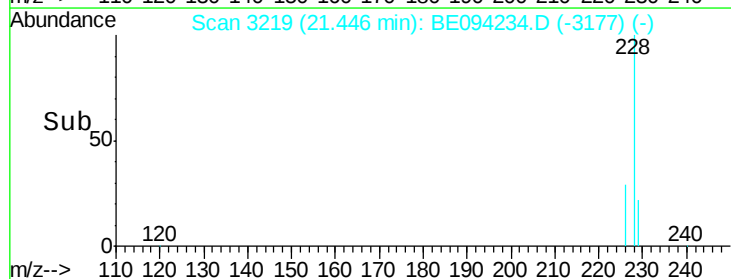
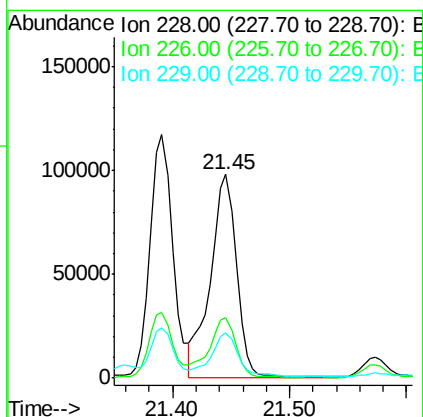
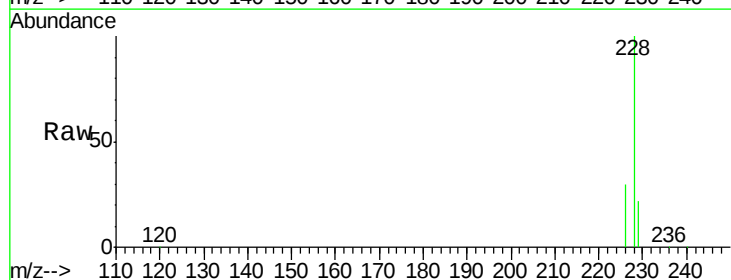
Instrument :
BNA_E
ClientSampleId :

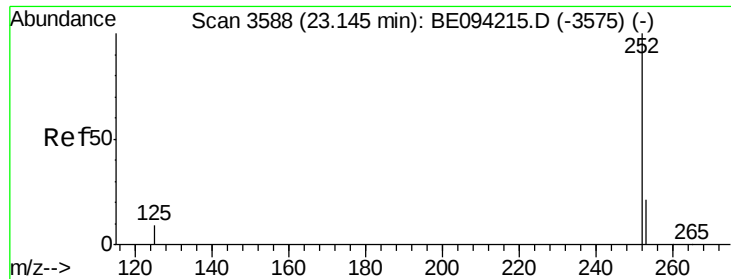
Tot Ion:228 Resp: 160501
Ion Ratio Lower Upper
228 100
229 20.8 22.8 34.2#
226 26.9 17.0 25.6#



#19
Chrysene
Concen: 2.93 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BE094234.D
Acq: 9 Oct 2017 23:17

Tgt Ion:228 Resp: 151667
Ion Ratio Lower Upper
228 100
226 29.5 23.4 35.0
229 22.3 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.07 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. -0.01 min

Lab File: BE094234.D

Acq: 9 Oct 2017 23:17

Instrument :

BNA_E

ClientSampleId :

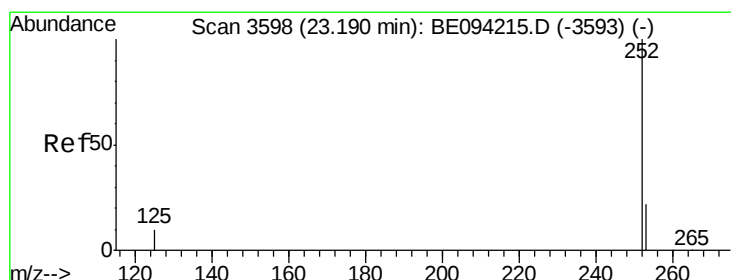
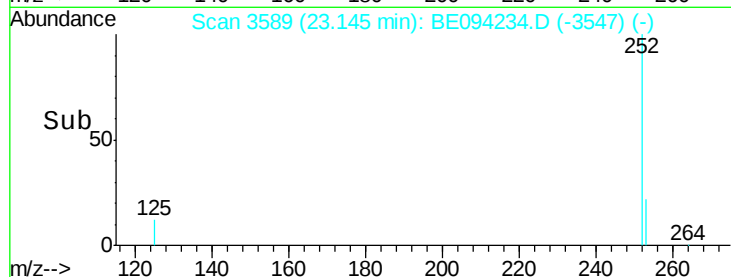
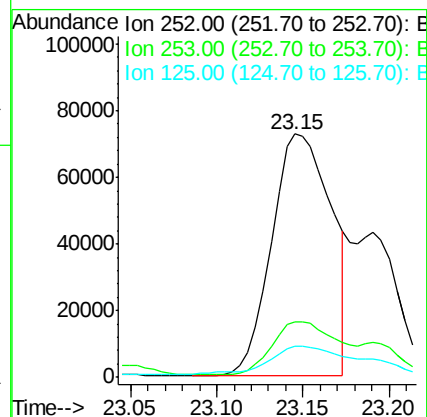
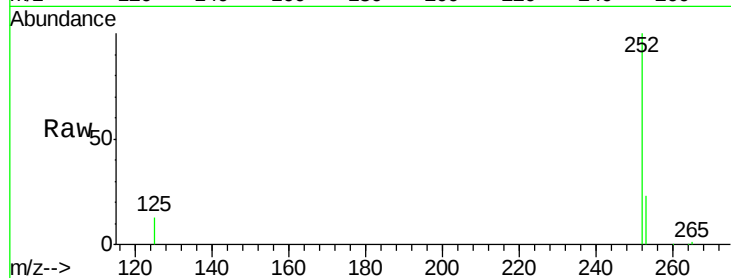
Tot Ion:252 Resp: 174322

Ion Ratio Lower Upper

252 100

253 22.9 0.0 64.2

125 12.5 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.06 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. -0.06 min

Lab File: BE094234.D

Acq: 9 Oct 2017 23:17

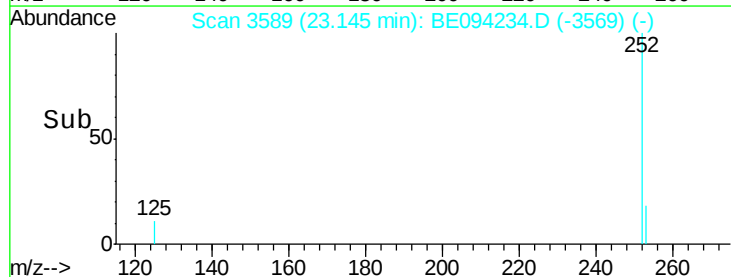
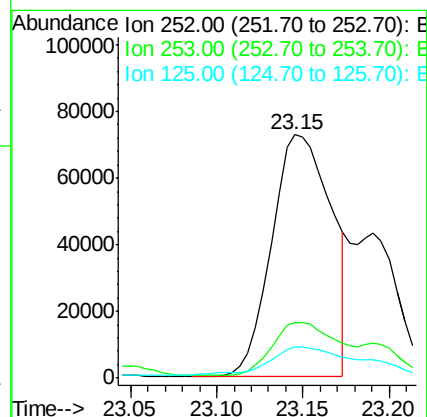
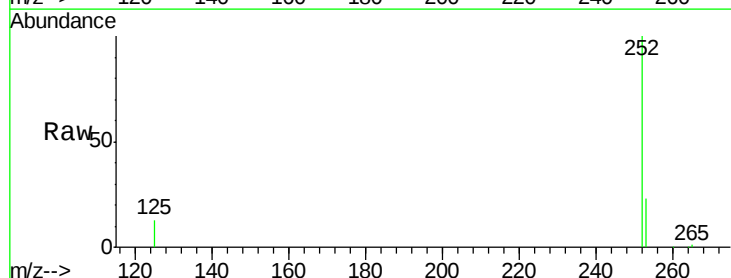
Tgt Ion:252 Resp: 174322

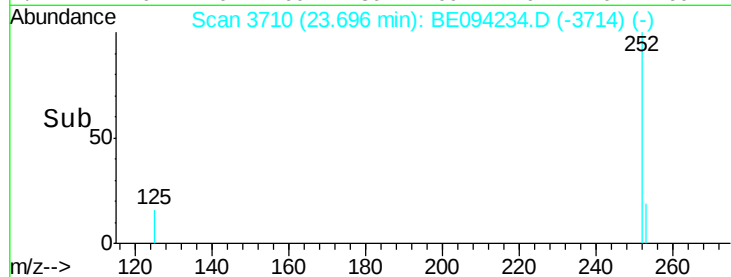
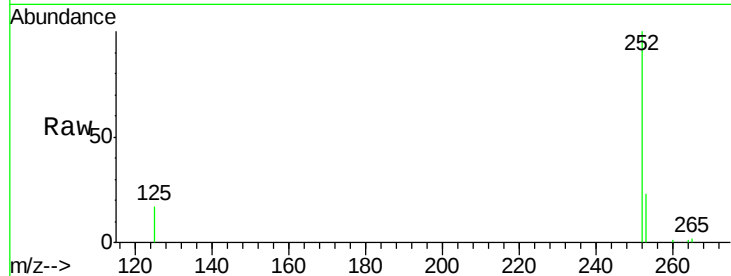
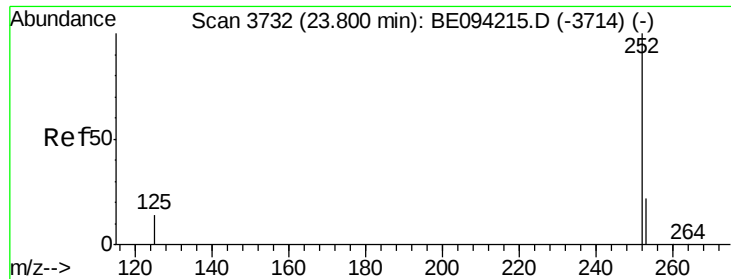
Ion Ratio Lower Upper

252 100

253 22.9 24.5 36.7#

125 12.5 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.70 min Scan# 3710

Delta R.T. -0.12 min

Lab File: BE094234.D

Acq: 9 Oct 2017 23:17

Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 88877

Ion Ratio Lower Upper

252 100

253 22.6 28.5 42.7#

125 17.5 18.1 27.1#

