

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094841.D
 Acq On : 22 Nov 2017 20:42
 Operator : SJ/JU
 Sample : I6496-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 23 02:51:26 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 23 02:50:08 2017
 Response via : Initial Calibration

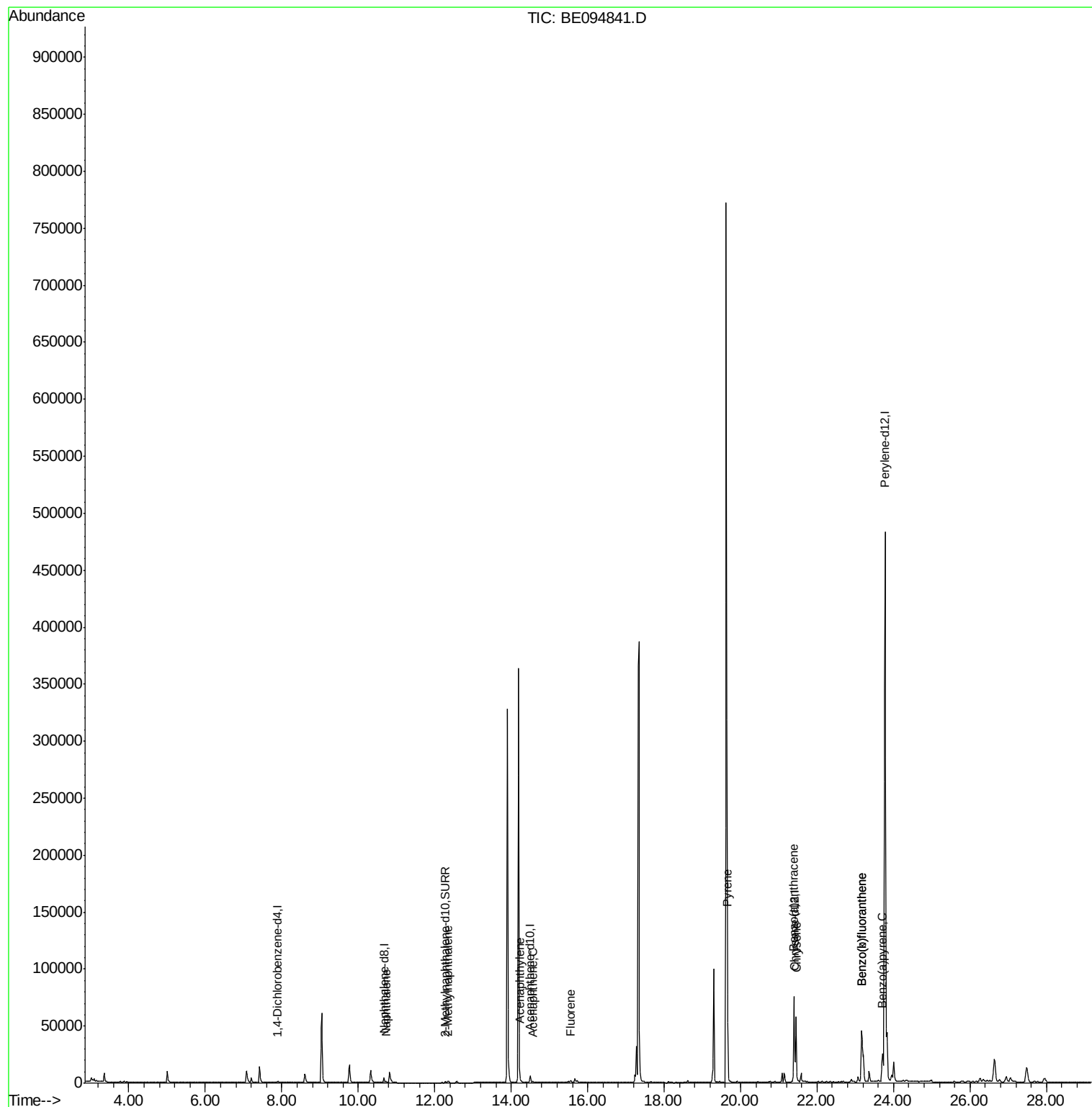
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	795	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.67	136	4885	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.50	164	3623	0.40	ng/ul	-0.01
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.26
16) Chrysene-d12	21.41	240	9096	0.40	ng/ul	-0.01
20) Perylene-d12	23.78	264	552813	0.40	ng/ul	-0.19
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2565	0.33	ng/ul	-0.03
14) Fluoranthene-d10	19.27	212	9769	0.00	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.72	128	2259	0.19	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	2155	0.27	ng/ul	98
7) Acenaphthylene	14.23	152	2805	0.17	ng/ul	96
8) Acenaphthene	14.56	153	745	0.06	ng/ul#	92
9) Fluorene	15.55	166	1251	0.09	ng/ul#	92
17) Pyrene	19.66	202	112501	3.95	ng/ul#	78
18) Benzo(a)anthracene	21.40	228	70620	2.55	ng/ul#	88
19) Chrysene	21.45	228	62038	2.25	ng/ul	100
21) Benzo(b)fluoranthene	23.17	252	70864	0.04	ng/ul	84
22) Benzo(k)fluoranthene	23.17	252	70864	0.04	ng/ul#	85
23) Benzo(a)pyrene	23.71	252	39362	0.02	ng/ul#	81

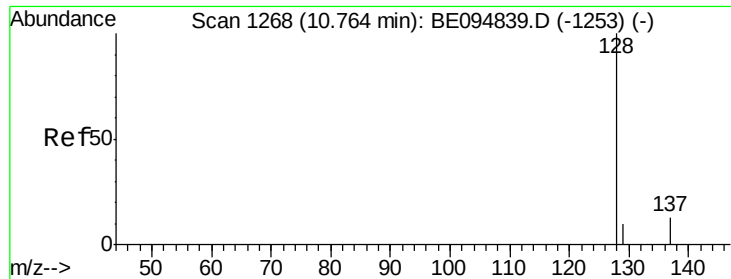
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.19 ng/ul

RT: 10.72 min Scan# 1260

Delta R.T. -0.04 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

Instrument :

BNA_E

ClientSampleId :

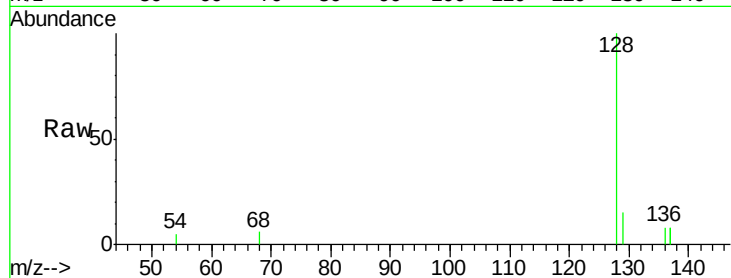
Tot Ion:128 Resp: 2259

Ion Ratio Lower Upper

128 100

129 15.0 11.3 16.9

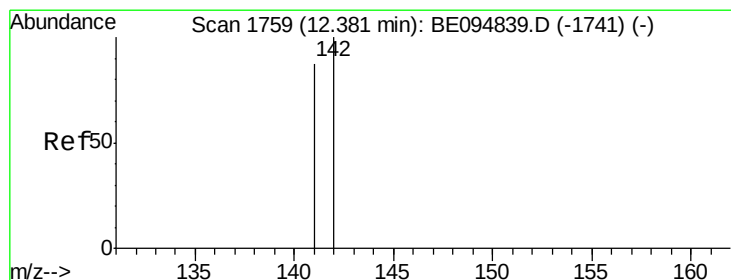
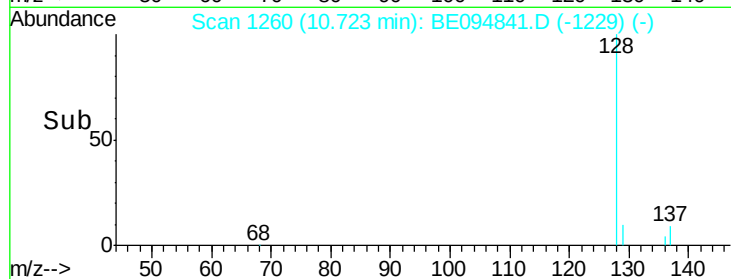
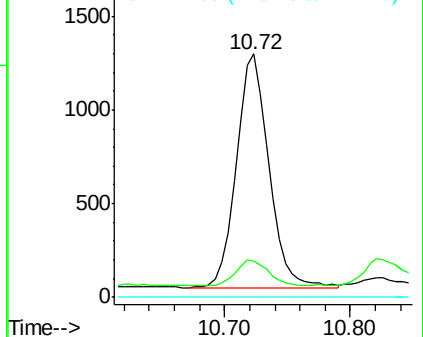
127 0.0 4.0 6.0#



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: 0.27 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.03 min

Lab File: BE094841.D

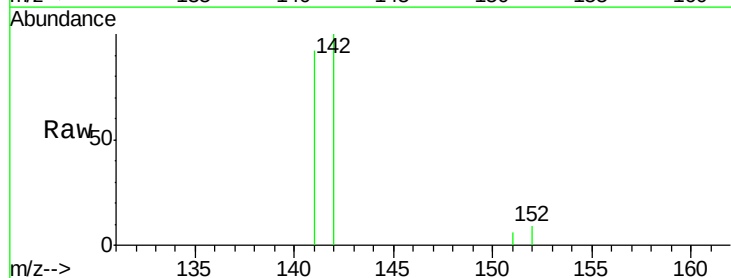
Acq: 22 Nov 2017 20:42

Tgt Ion:142 Resp: 2155

Ion Ratio Lower Upper

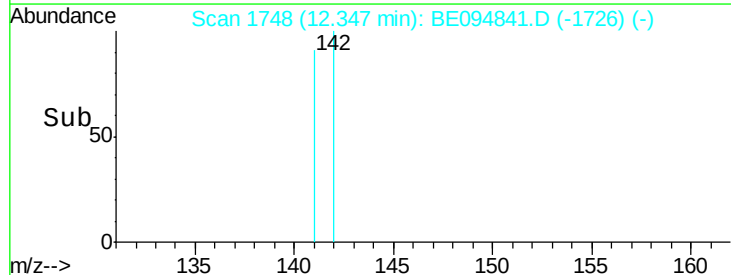
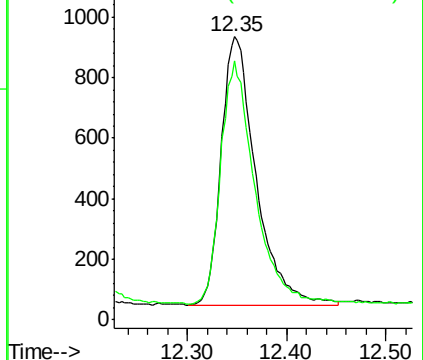
142 100

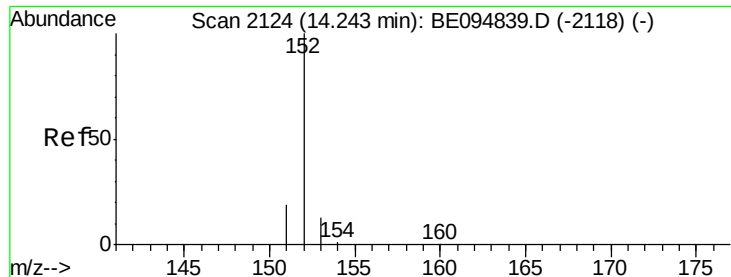
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.17 ng/ul

RT: 14.23 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

Instrument :

BNA_E

ClientSampleId :

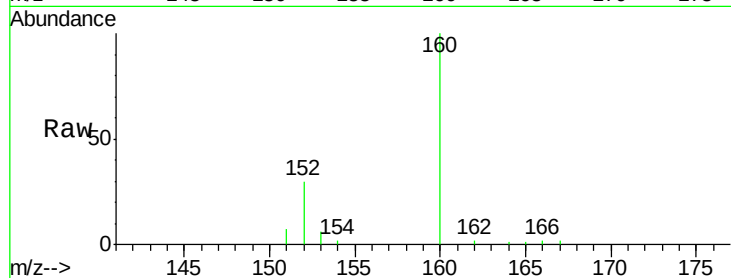
Tot Ion:152 Resp: 2805

Ion Ratio Lower Upper

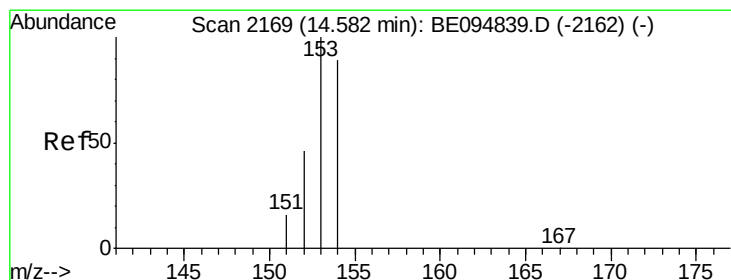
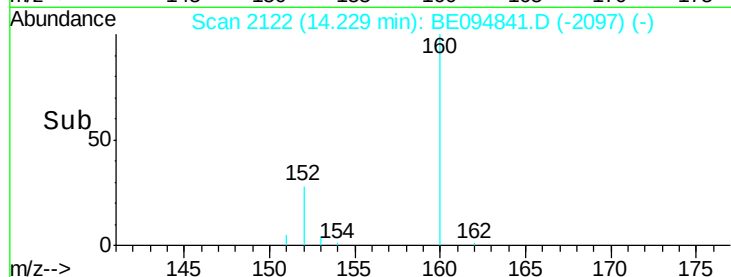
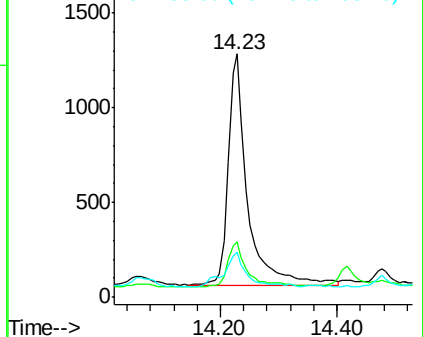
152 100

151 22.8 17.1 25.7

153 18.6 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: 0.06 ng/ul

RT: 14.56 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

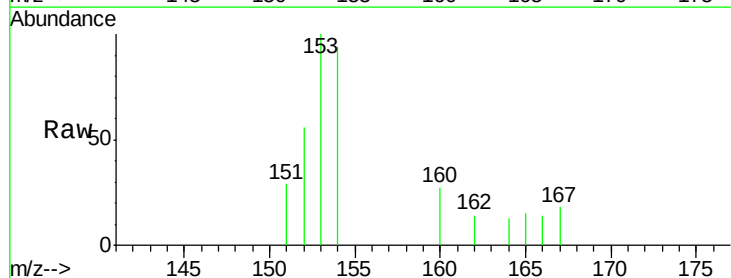
Tgt Ion:153 Resp: 745

Ion Ratio Lower Upper

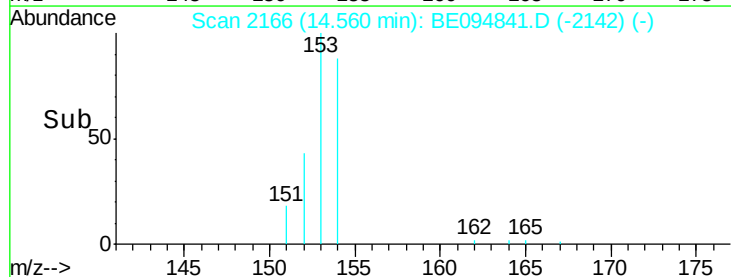
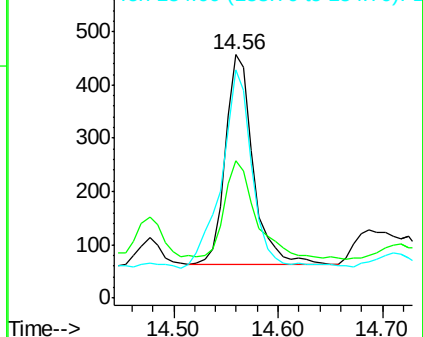
153 100

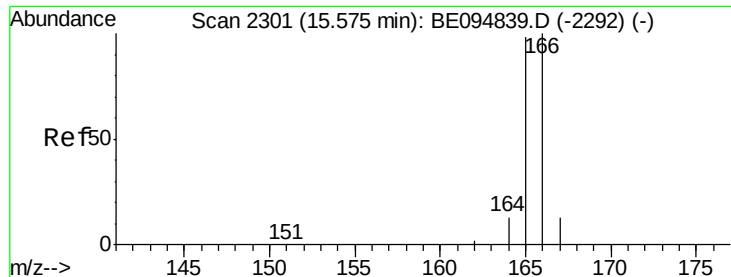
152 56.2 36.0 54.0#

154 93.7 72.0 108.0



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: 0.09 ng/ul

RT: 15.55 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

Instrument :

BNA_E

ClientSampleId :

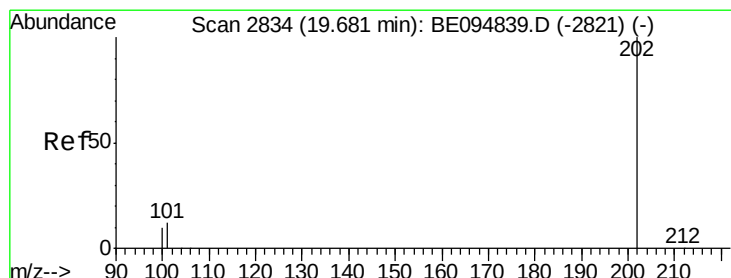
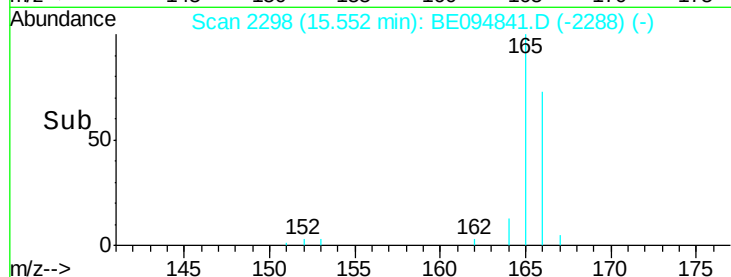
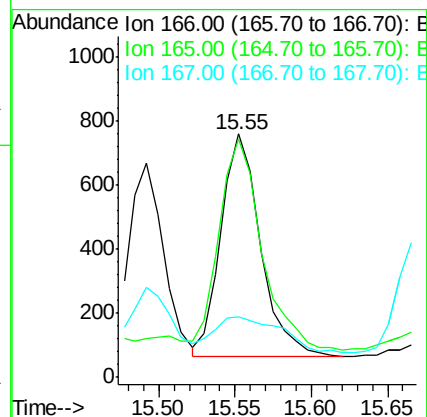
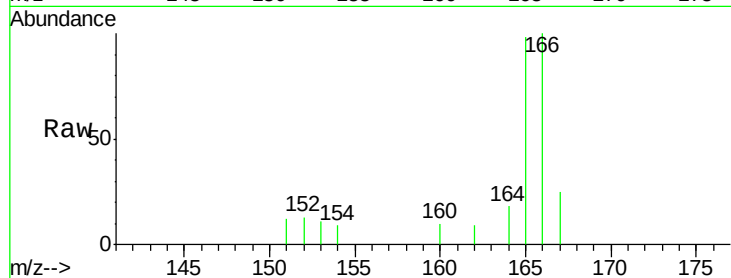
Tot Ion:166 Resp: 1251

Ion Ratio Lower Upper

166 100

165 98.0 73.4 110.2

167 25.0 14.6 22.0#



#17

Pyrene

Concen: 3.95 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

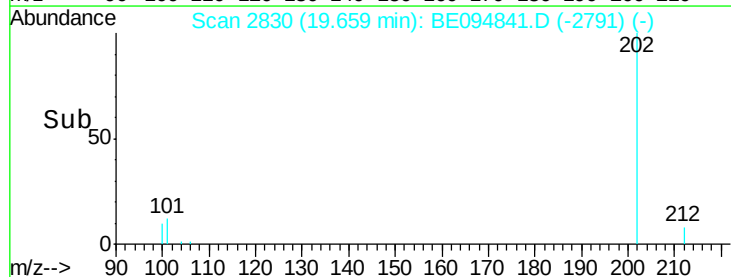
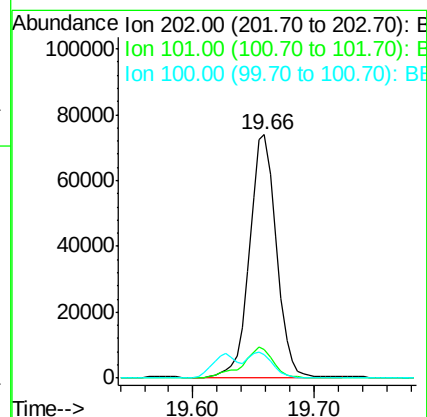
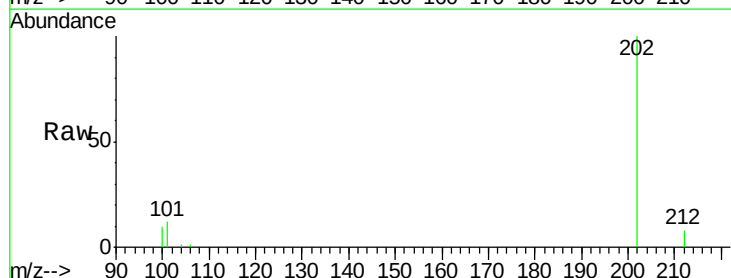
Tgt Ion:202 Resp: 112501

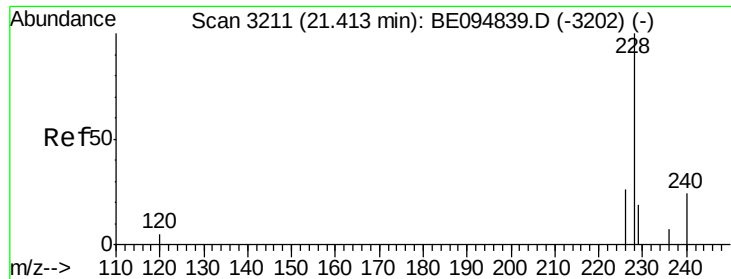
Ion Ratio Lower Upper

202 100

101 11.7 18.2 27.4#

100 9.9 15.6 23.4#

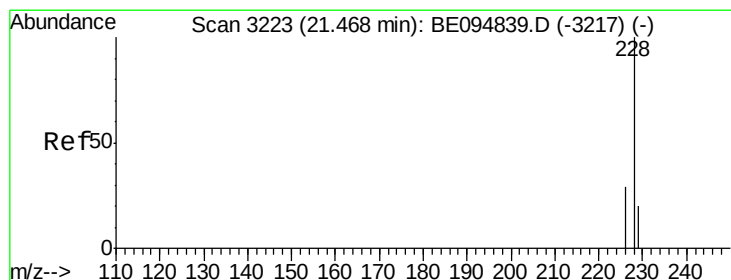
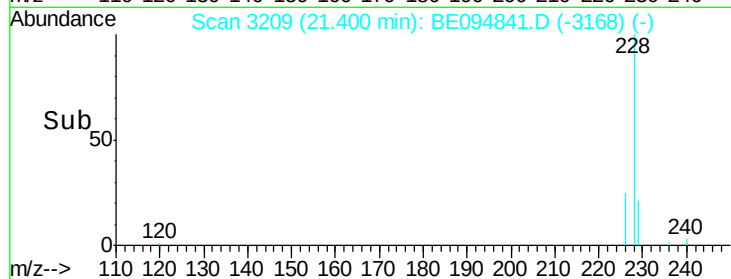
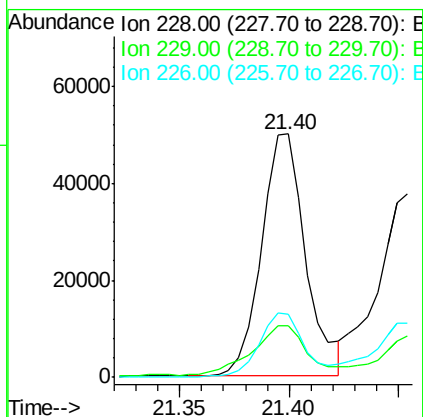
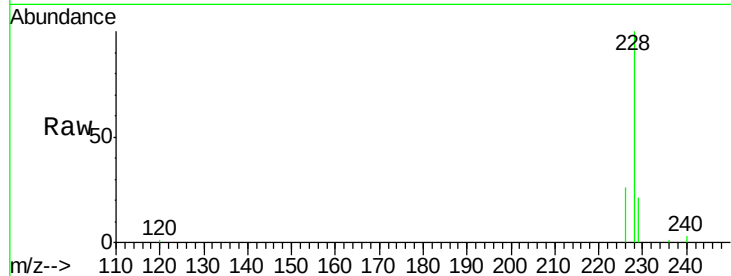




#18
Benzo(a)anthracene
Concen: 2.55 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094841.D
Acq: 22 Nov 2017 20:42

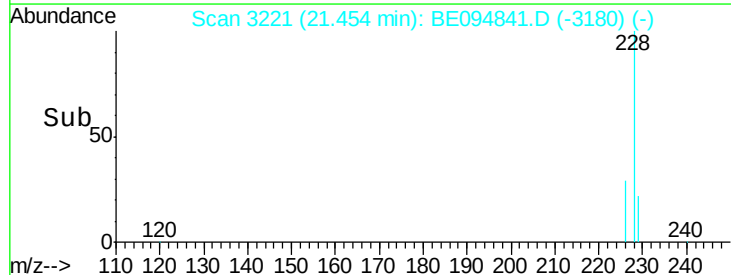
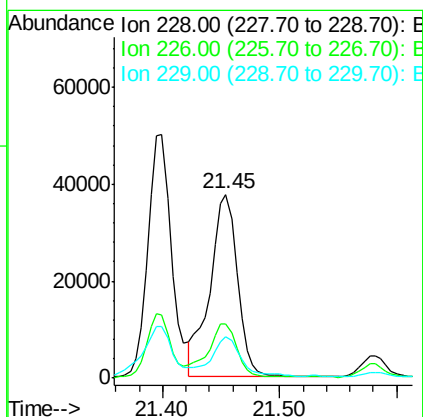
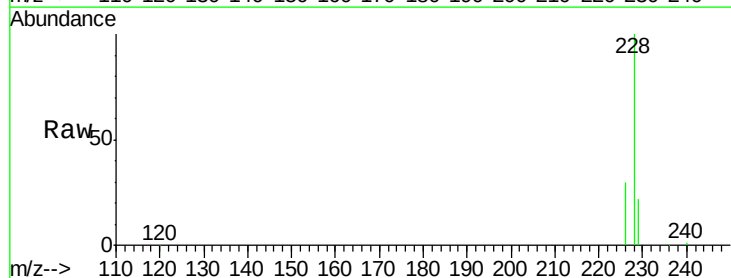
Instrument :
BNA_E
ClientSampleId :

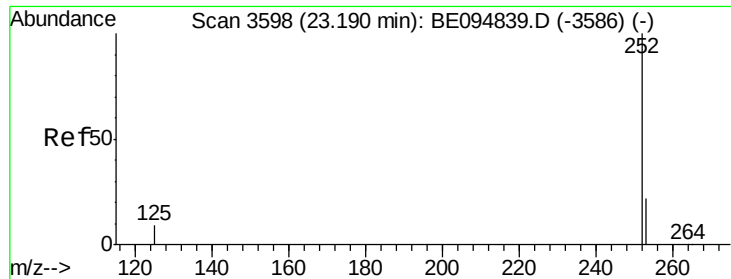
Tot Ion:228 Resp: 70620
Ion Ratio Lower Upper
228 100
229 21.3 22.8 34.2#
226 25.8 17.0 25.6#



#19
Chrysene
Concen: 2.25 ng/ul
RT: 21.45 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BE094841.D
Acq: 22 Nov 2017 20:42

Tgt Ion:228 Resp: 62038
Ion Ratio Lower Upper
228 100
226 29.5 23.4 35.0
229 22.1 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.04 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.02 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

Instrument :

BNA_E

ClientSampleId :

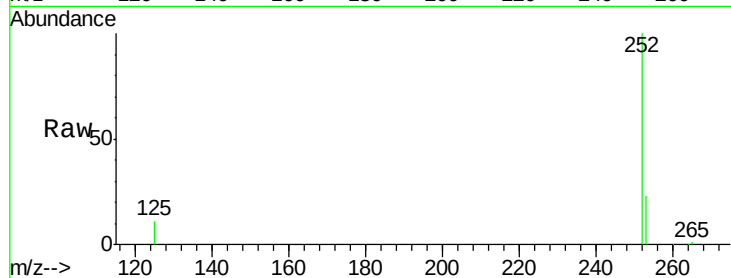
Tot Ion:252 Resp: 70864

Ion Ratio Lower Upper

252 100

253 22.5 0.0 64.2

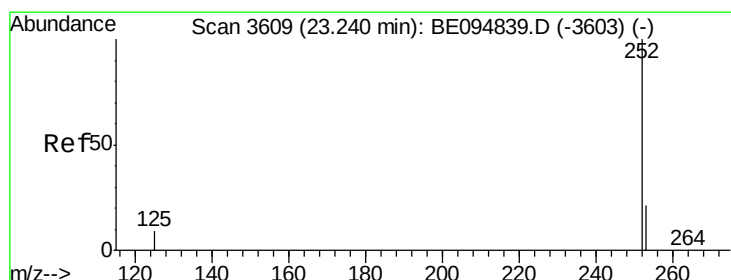
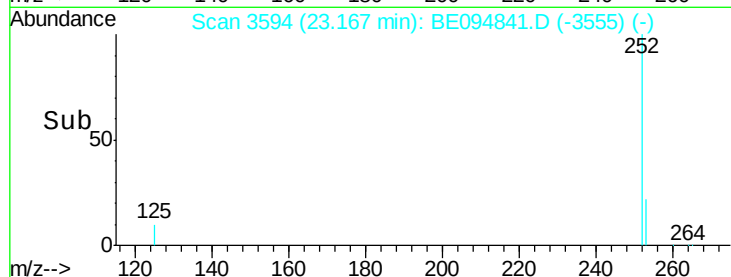
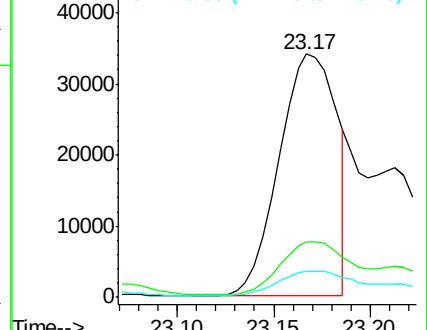
125 10.8 0.0 35.0



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: 0.04 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.07 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

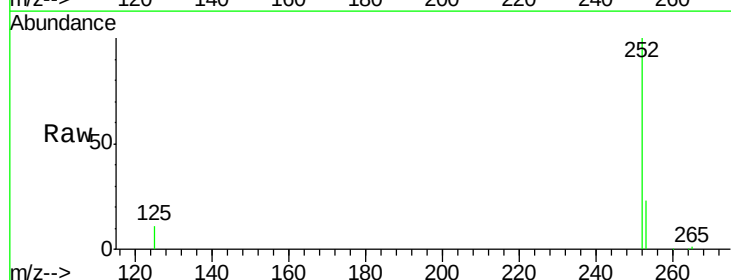
Tgt Ion:252 Resp: 70864

Ion Ratio Lower Upper

252 100

253 22.5 24.5 36.7#

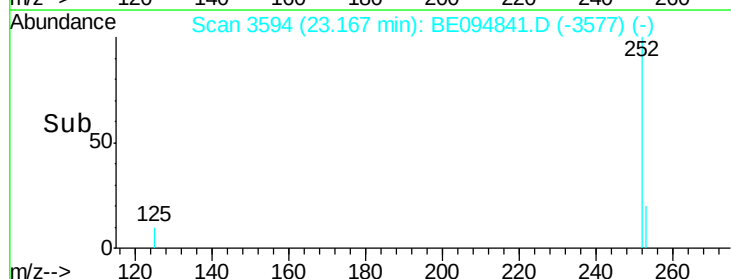
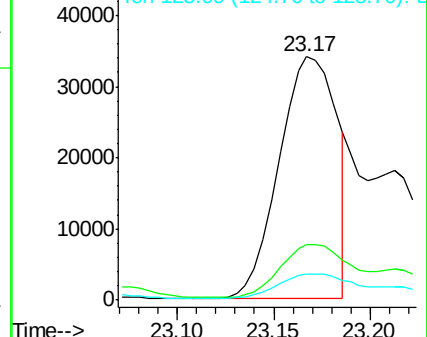
125 10.8 13.7 20.5#

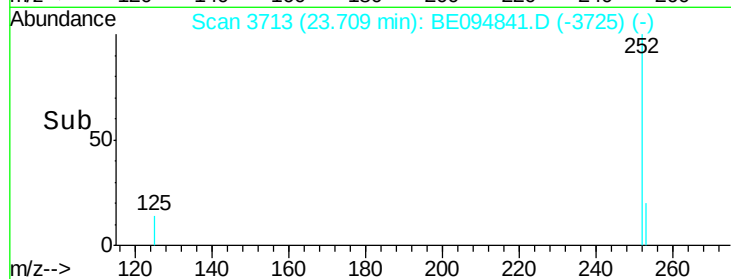
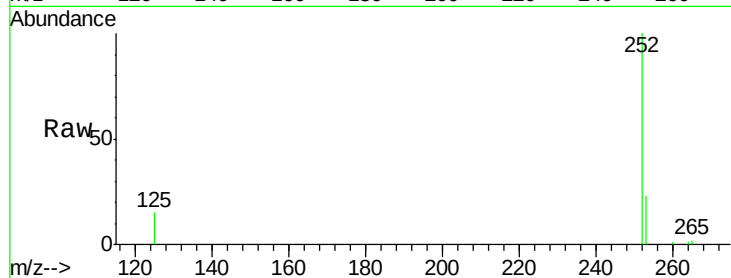
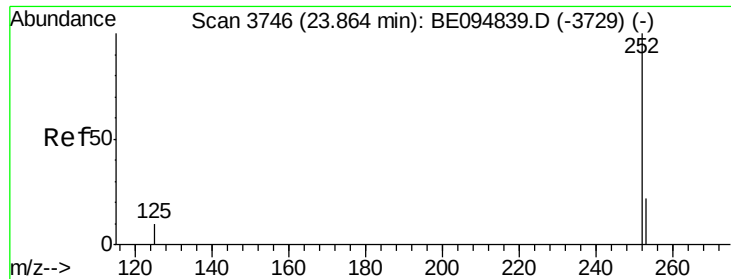


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.02 ng/ul

RT: 23.71 min Scan# 3713

Delta R.T. -0.15 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 252 Resp: 39362

Ion Ratio Lower Upper

252 100

253 22.9 28.5 42.7#

125 15.3 18.1 27.1#

