

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094624.D
 Acq On : 28 Oct 2017 15:53
 Operator : SJ/JU
 Sample : I5842-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2

Quant Time: Oct 30 02:58:42 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 02:53:50 2017
 Response via : Initial Calibration

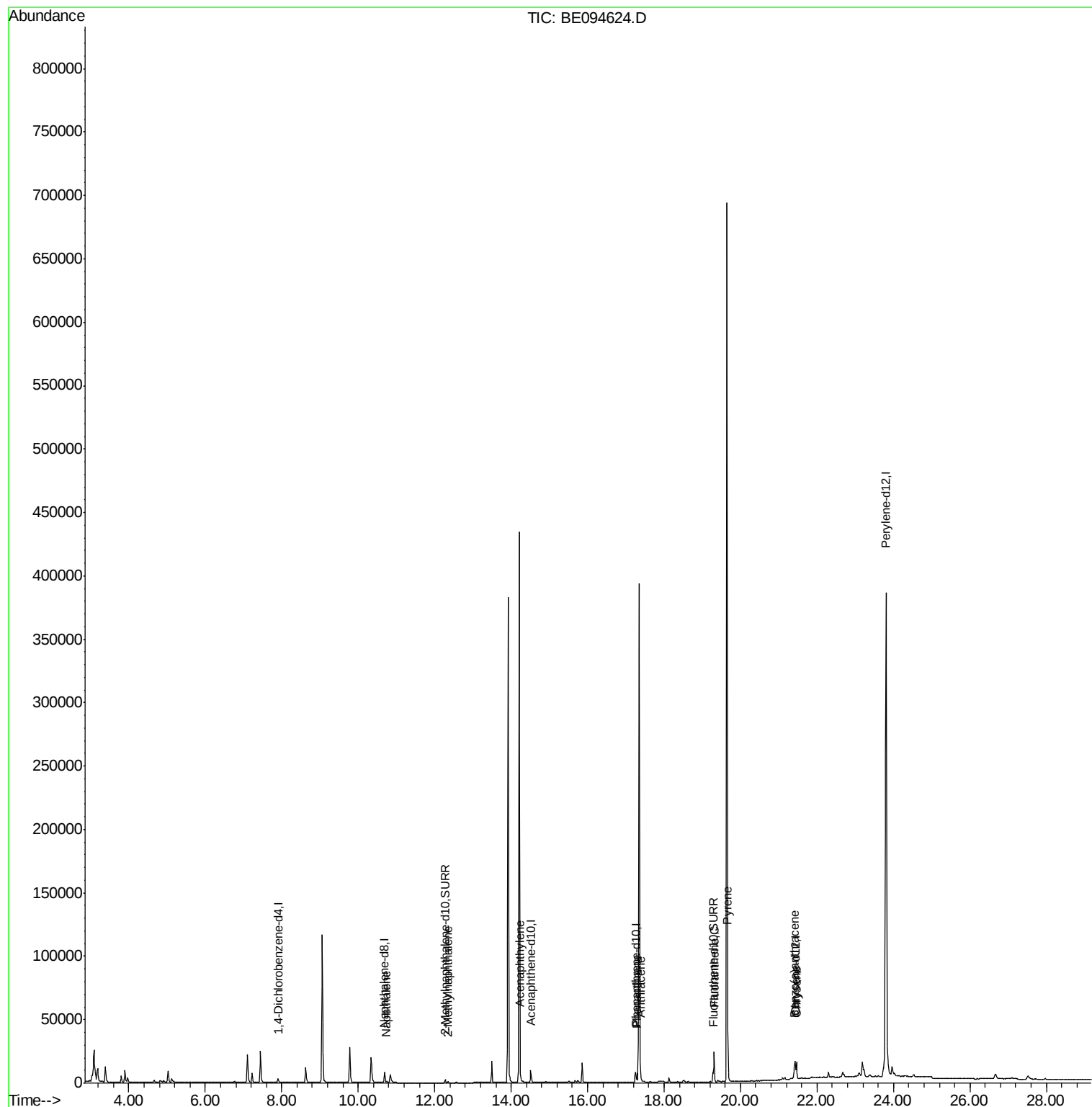
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1591	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	9253	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5455	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11686	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11192	0.40	ng/ul	0.00
20) Perylene-d12	23.80	264	597679	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3757	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	9029	0.26	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.74	128	911	0.04	ng/ul#	82
5) 2-Methylnaphthalene	12.35	142	819	0.05	ng/ul	98
7) Acenaphthylene	14.24	152	754	0.03	ng/ul#	72
12) Phenanthrene	17.29	178	7922	0.26	ng/ul#	91
13) Anthracene	17.38	178	1822	0.06	ng/ul#	86
15) Fluoranthene	19.31	202	26528	0.74	ng/ul	83
17) Pyrene	19.67	202	23583	0.68	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	9278	0.29	ng/ul#	90
19) Chrysene	21.46	228	15656	0.47	ng/ul#	90

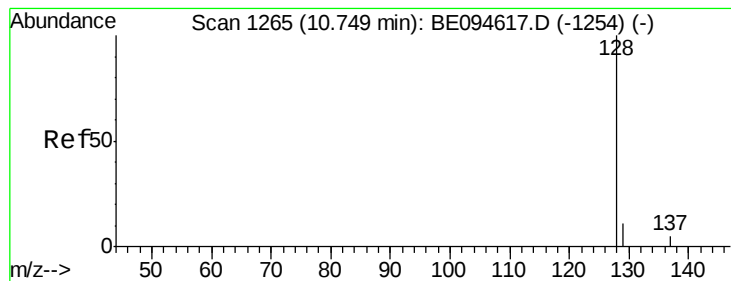
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094624.D

Acq: 28 Oct 2017 15:53

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BNA_E

ClientSampleId :

C0AA2

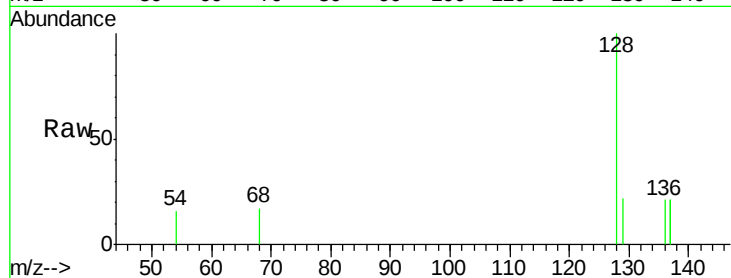
Tot Ion:128 Resp: 911

Ion Ratio Lower Upper

128 100

129 21.7 11.3 16.9#

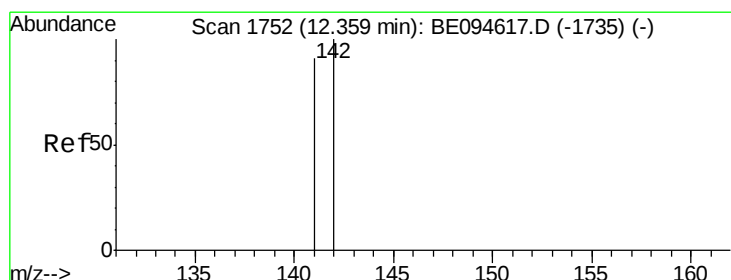
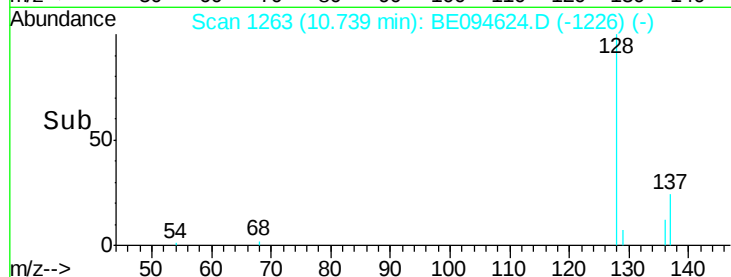
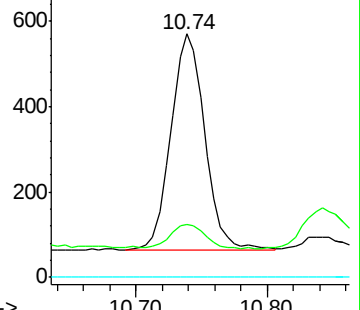
127 0.0 4.0 6.0#



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: 0.05 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BE094624.D

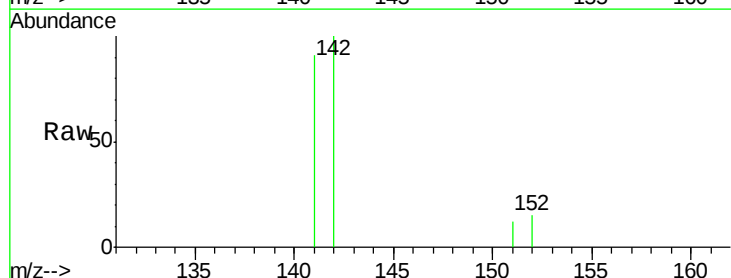
Acq: 28 Oct 2017 15:53

Tgt Ion:142 Resp: 819

Ion Ratio Lower Upper

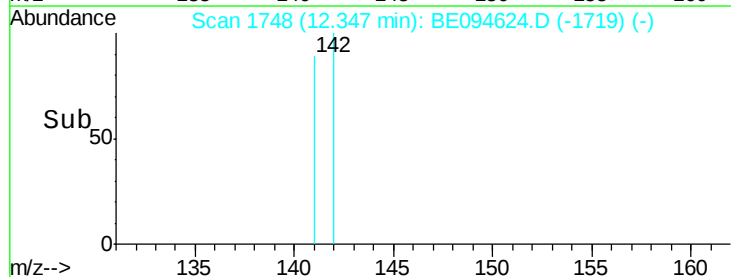
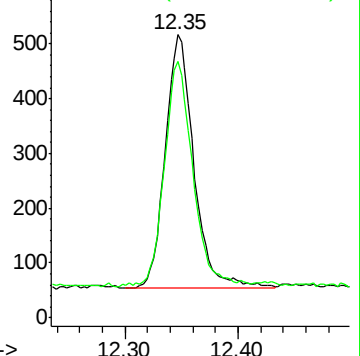
142 100

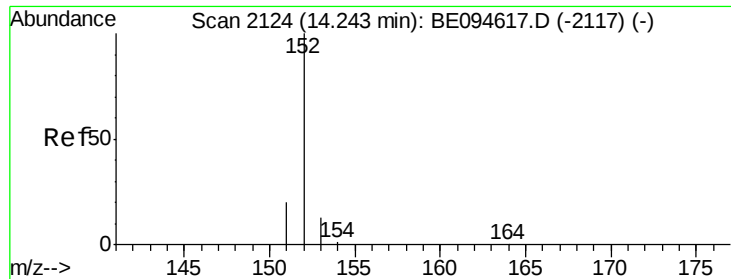
141 88.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094624.D

Acq: 28 Oct 2017 15:53

Instrument :

BNA_E

ClientSampled :

C0AA2

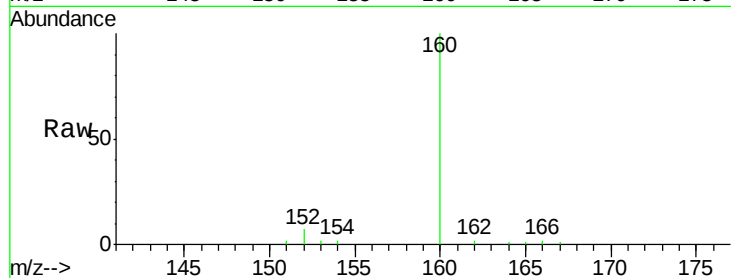
Tot Ion:152 Resp: 754

Ion Ratio Lower Upper

152 100

151 33.4 17.1 25.7#

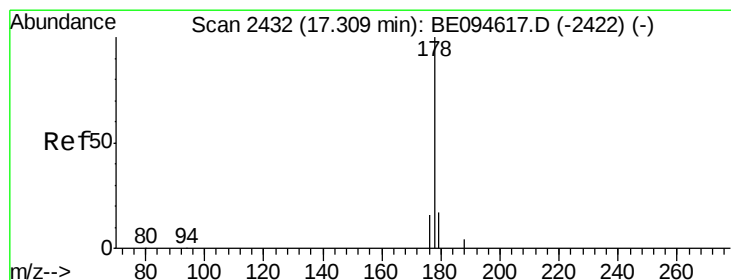
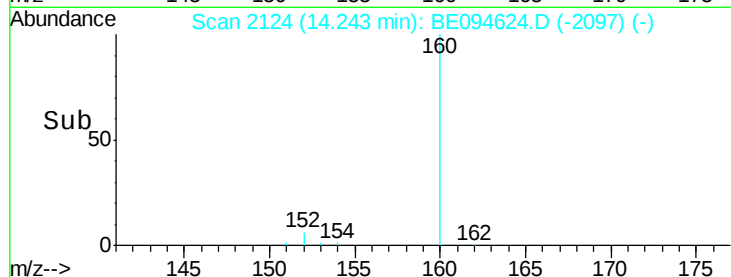
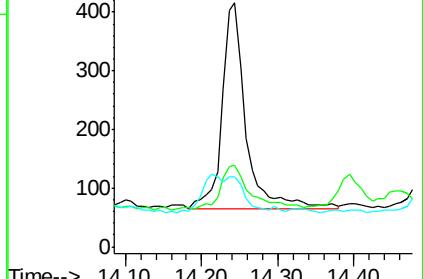
153 28.8 12.8 19.2#



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



#12

Phenanthrene

Concen: 0.26 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094624.D

Acq: 28 Oct 2017 15:53

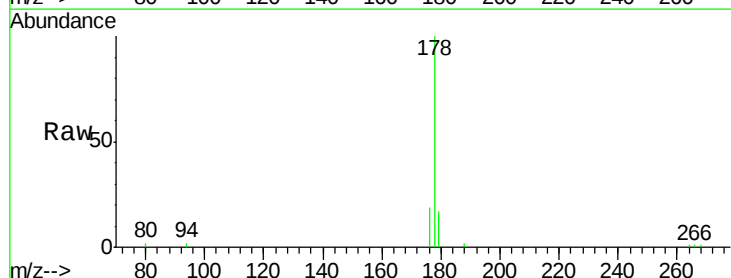
Tgt Ion:178 Resp: 7922

Ion Ratio Lower Upper

178 100

179 17.3 18.4 27.6#

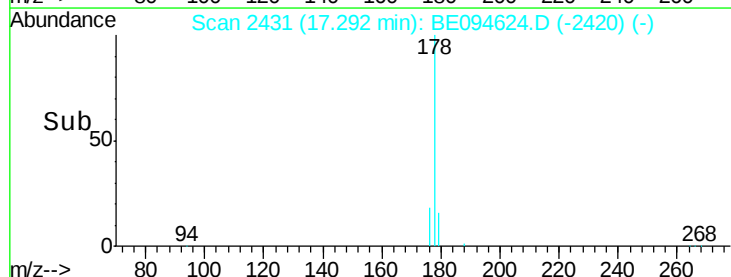
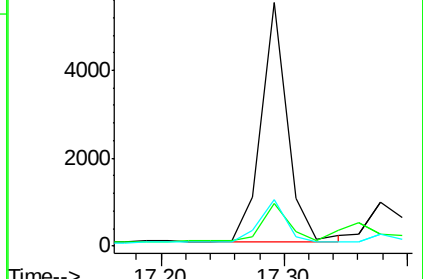
176 18.9 13.6 20.4

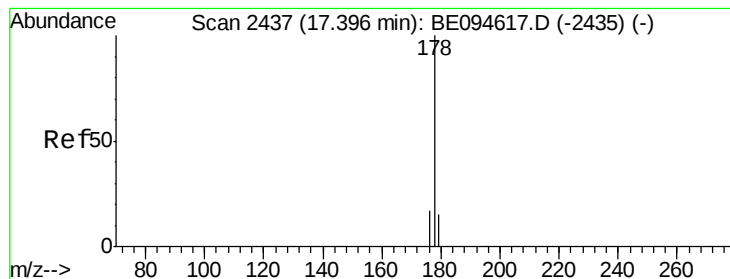


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.06 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094624.D

Acq: 28 Oct 2017 15:53

Instrument :

BNA_E

ClientSampleId :

C0AA2

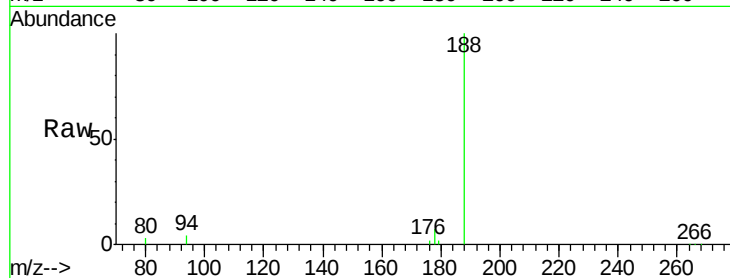
Tot Ion:178 Resp: 1822

Ion Ratio Lower Upper

178 100

179 27.3 18.1 27.1#

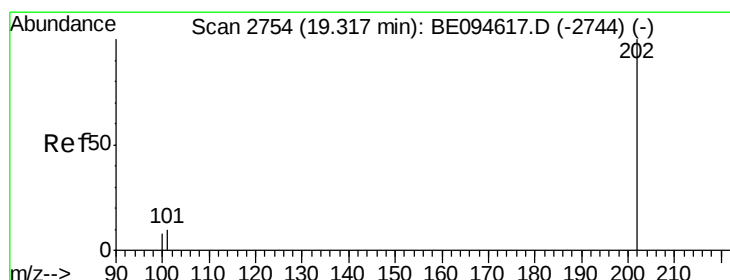
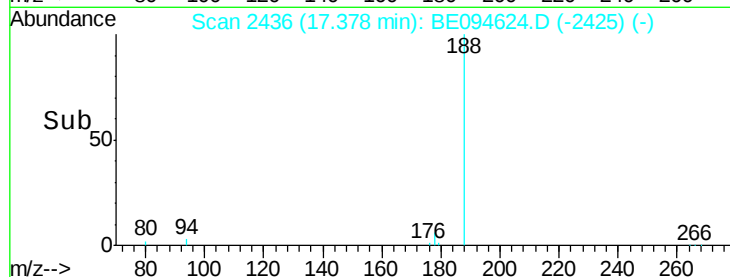
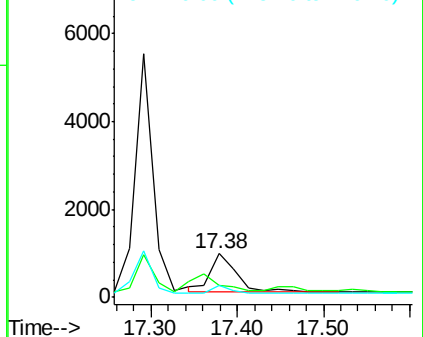
176 26.7 14.7 22.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.74 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE094624.D

Acq: 28 Oct 2017 15:53

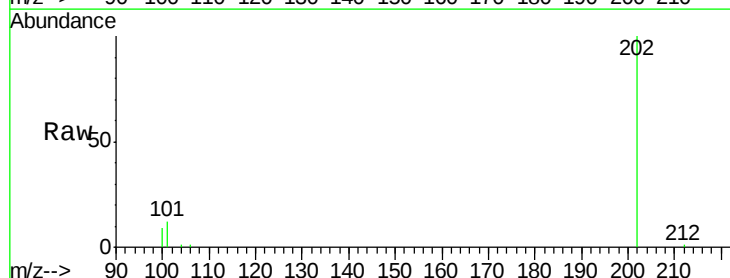
Tgt Ion:202 Resp: 26528

Ion Ratio Lower Upper

202 100

101 12.5 0.0 30.3

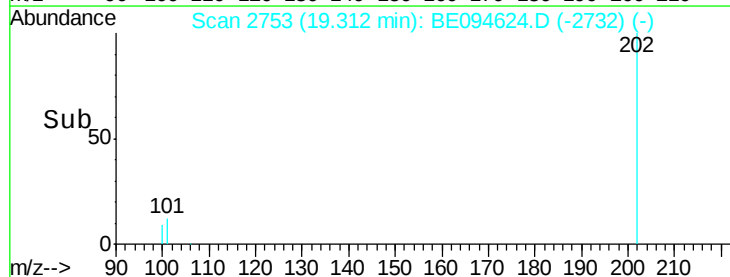
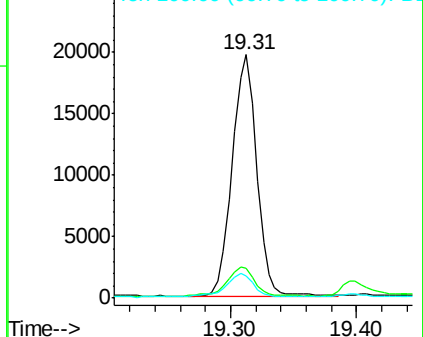
100 9.3 0.0 39.5

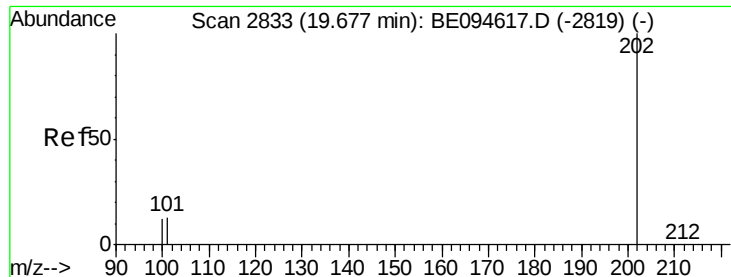


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

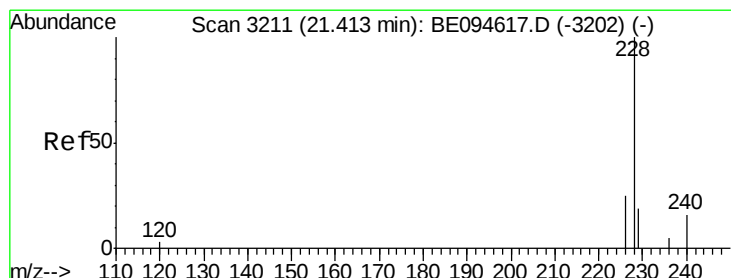
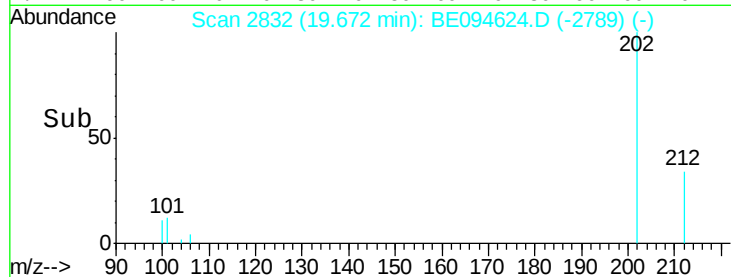
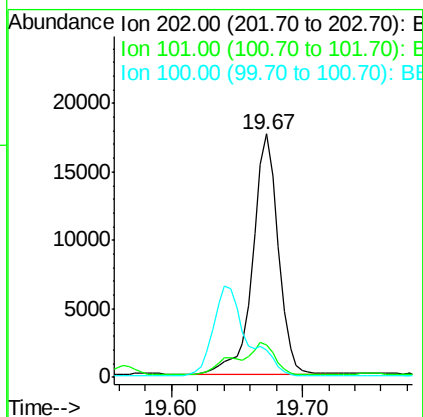
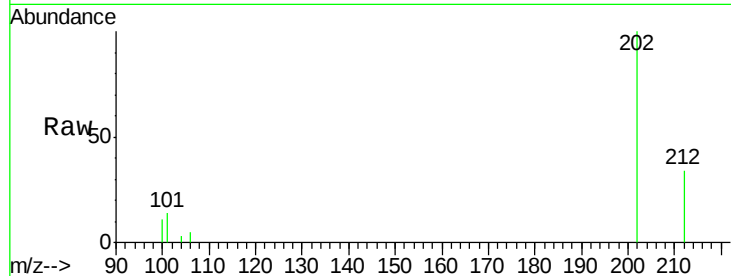




#17
Pvrene
Concen: 0.68 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BE094624.D
Acq: 28 Oct 2017 15:53

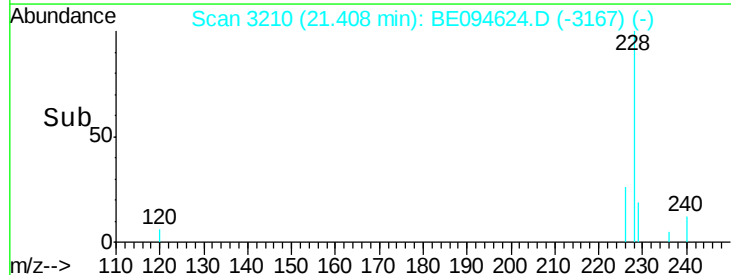
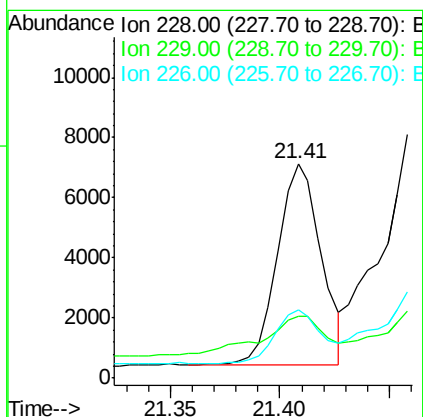
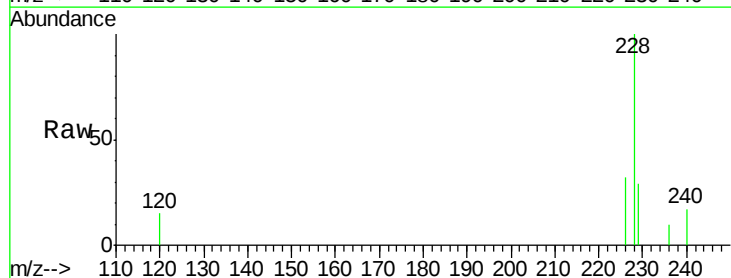
Instrument :
BNA_E
ClientSampleId :
C0AA2

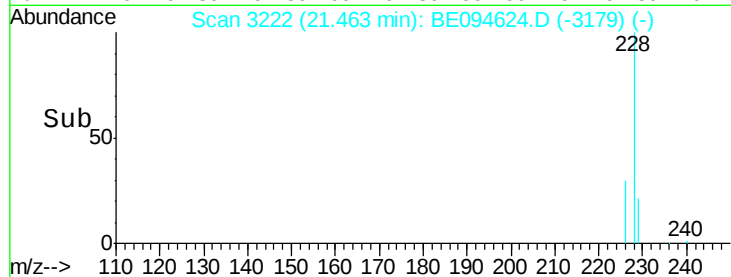
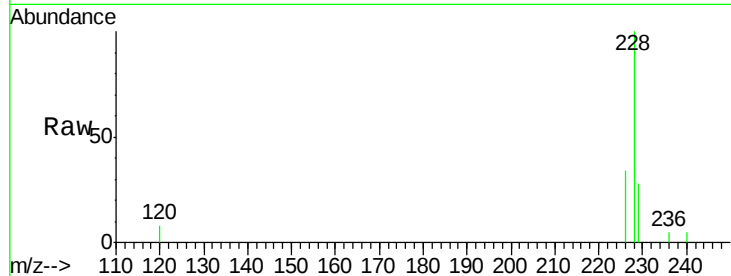
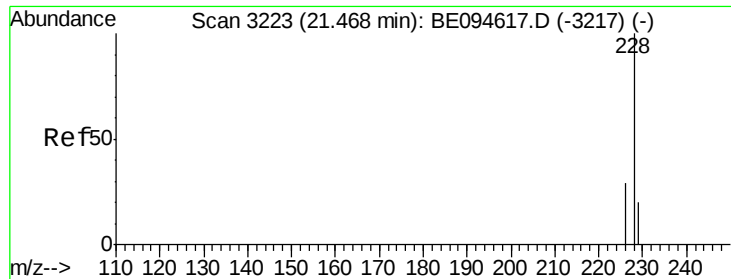
Tot Ion:202 Resp: 23583
Ion Ratio Lower Upper
202 100
101 13.5 18.2 27.4#
100 11.3 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 0.29 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094624.D
Acq: 28 Oct 2017 15:53

Tgt Ion:228 Resp: 9278
Ion Ratio Lower Upper
228 100
229 29.0 22.8 34.2
226 32.0 17.0 25.6#





#19

Chrysene

Concen: 0.47 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094624.D

Acq: 28 Oct 2017 15:53

Instrument :

BNA_E

ClientSampleId :

C0AA2

Tot Ion:228 Resp: 15656

Ion Ratio Lower Upper

228 100

226 33.6 23.4 35.0

229 27.5 17.7 26.5#

