

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094858.D
 Acq On : 23 Nov 2017 6:42
 Operator : SJ/JU
 Sample : I6496-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 23 23:15:57 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 23:11:00 2017
 Response via : Initial Calibration

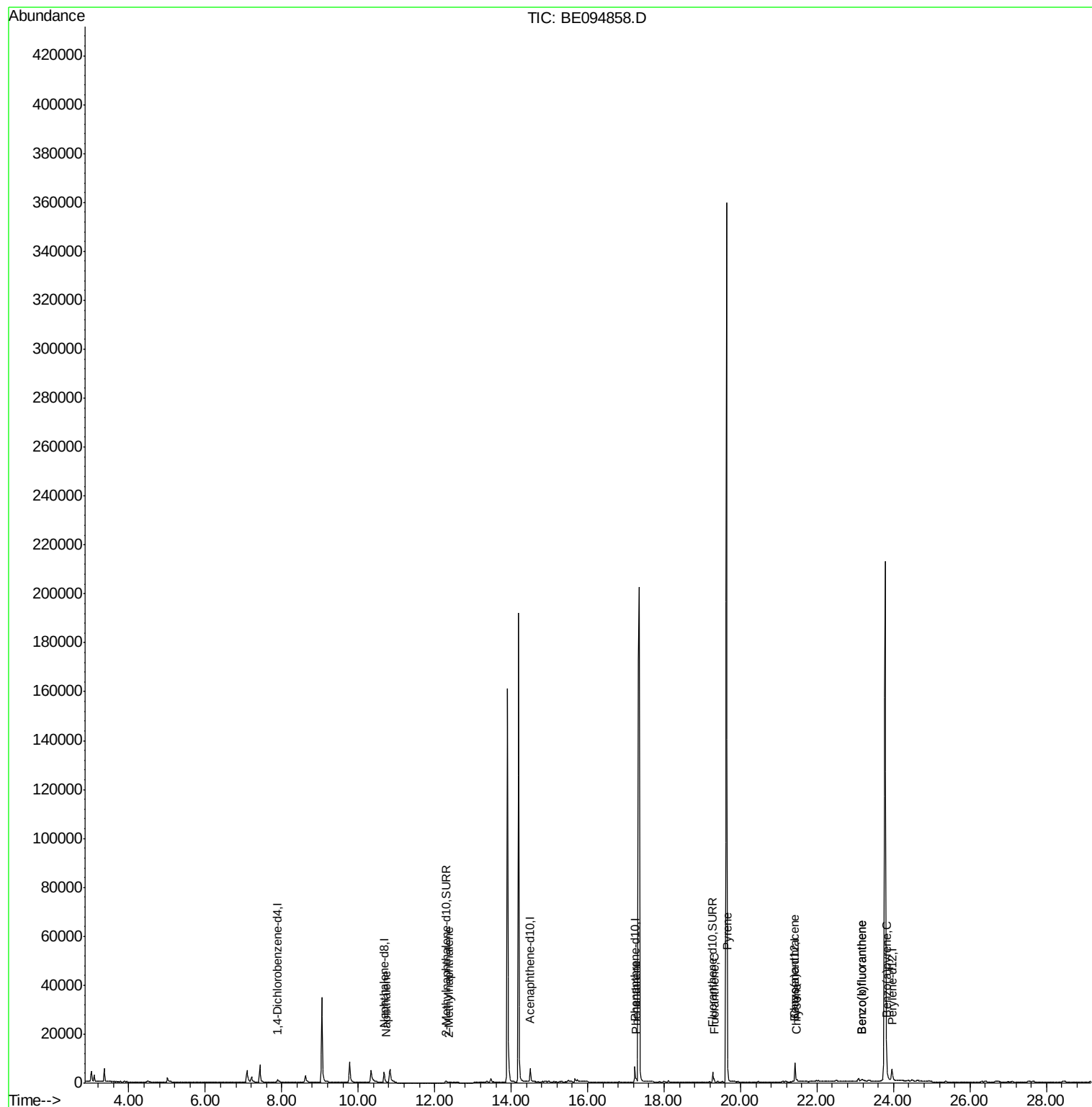
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	670	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.68	136	4678	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.50	164	3284	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	8060	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	8076	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8821	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1440	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	4739	0.17	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.72	128	232	0.02	ng/ul#	45
5) 2-Methylnaphthalene	12.37	142	287	0.04	ng/ul	99
12) Phenanthrene	17.27	178	1400	0.06	ng/ul#	91
15) Fluoranthene	19.30	202	1522	0.05	ng/ul	84
17) Pyrene	19.66	202	1408	0.06	ng/ul	98
18) Benzo(a)anthracene	21.41	228	812	0.03	ng/ul#	77
19) Chrysene	21.46	228	1101	0.04	ng/ul#	78
21) Benzo(b)fluoranthene	23.18	252	1652	0.06	ng/ul#	47
22) Benzo(k)fluoranthene	23.18	252	1652	0.06	ng/ul#	44
23) Benzo(a)pyrene	23.83	252	719	0.03	ng/ul#	44

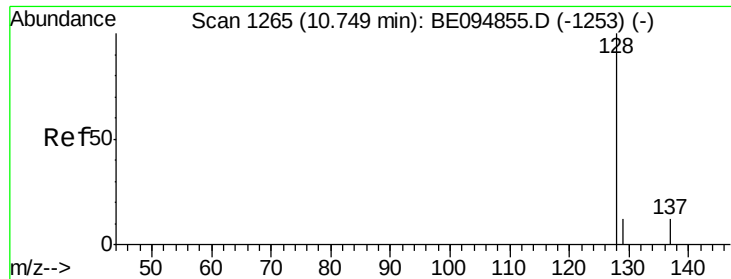
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.72 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BE094858.D

Acq: 23 Nov 2017 6:42

Instrument :

BNA_E

ClientSampleId :

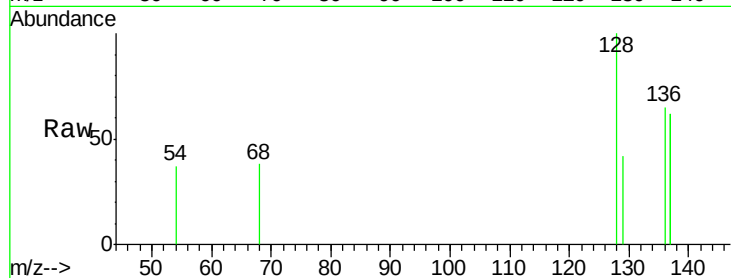
Tot Ion:128 Resp: 232

Ion Ratio Lower Upper

128 100

129 42.3 11.3 16.9#

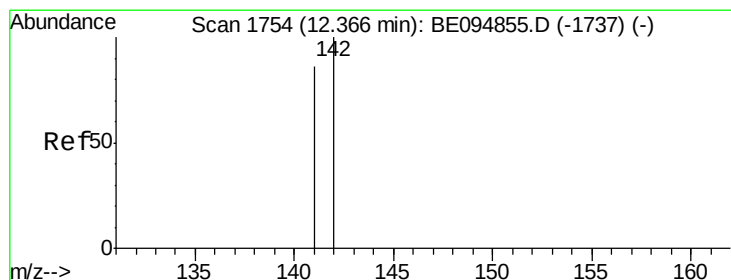
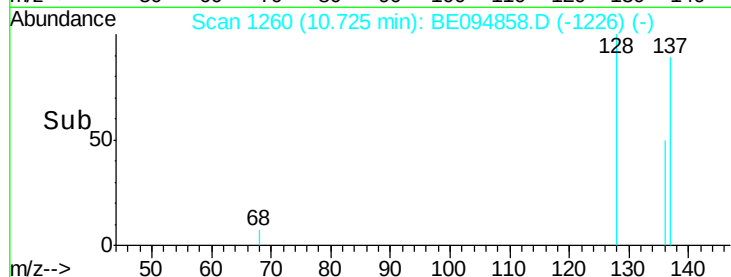
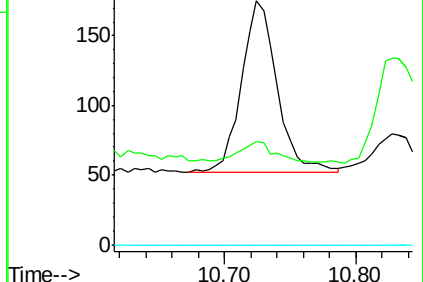
127 0.0 4.0 6.0#



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: 0.04 ng/ul

RT: 12.37 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BE094858.D

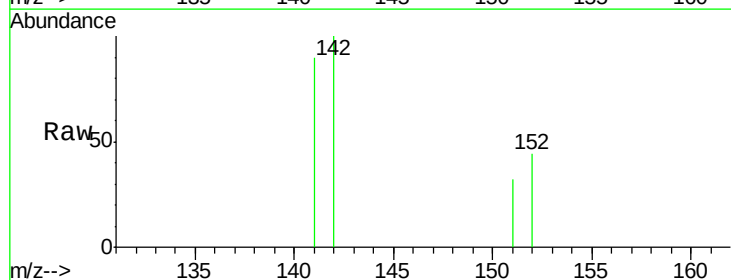
Acq: 23 Nov 2017 6:42

Tgt Ion:142 Resp: 287

Ion Ratio Lower Upper

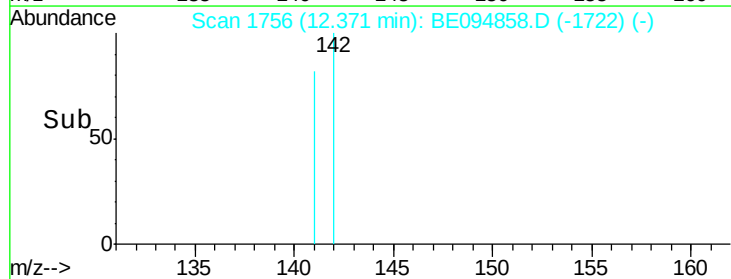
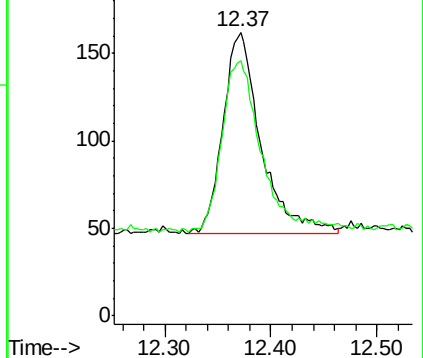
142 100

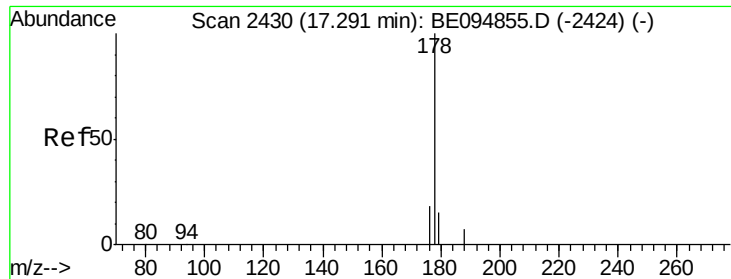
141 89.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.06 ng/ul

RT: 17.27 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094858.D

Acq: 23 Nov 2017 6:42

Instrument :

BNA_E

ClientSampleId :

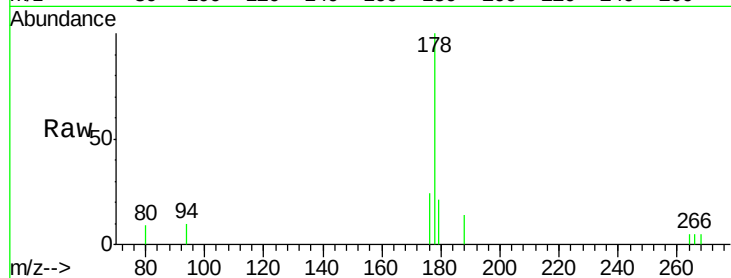
Tot Ion:178 Resp: 1400

Ion Ratio Lower Upper

178 100

179 21.4 18.4 27.6

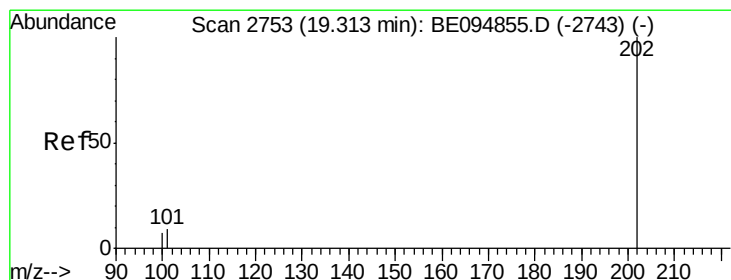
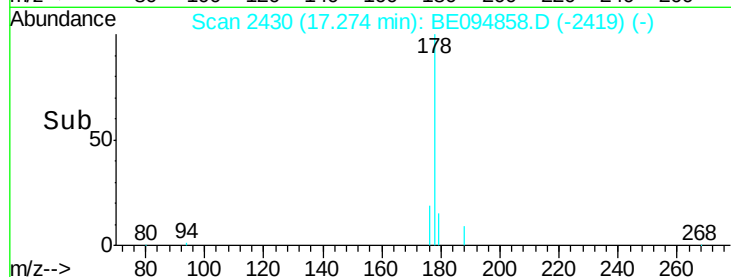
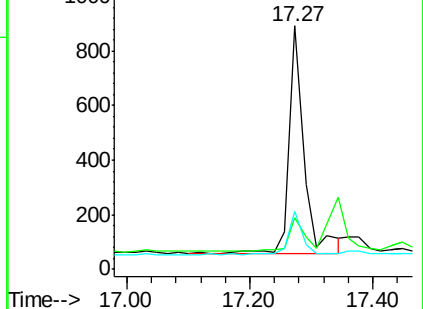
176 23.8 13.6 20.4#



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



#15

Fluoranthene

Concen: 0.05 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BE094858.D

Acq: 23 Nov 2017 6:42

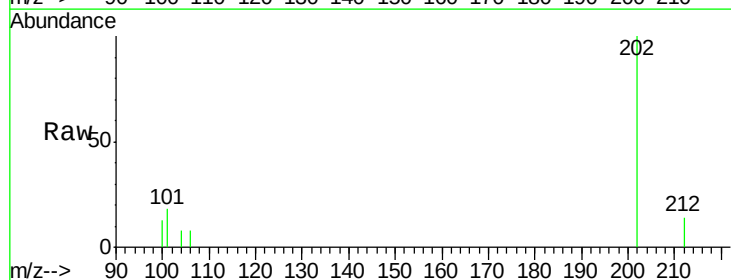
Tgt Ion:202 Resp: 1522

Ion Ratio Lower Upper

202 100

101 17.6 0.0 30.3

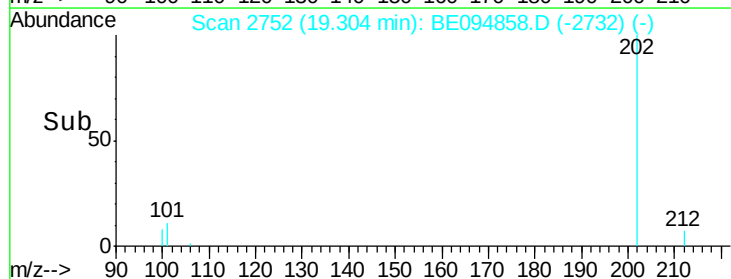
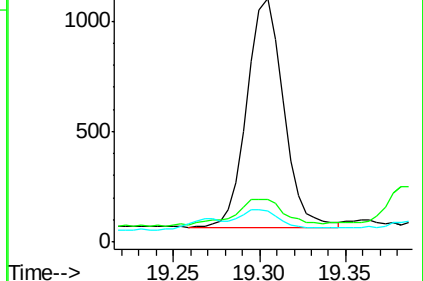
100 12.9 0.0 39.5

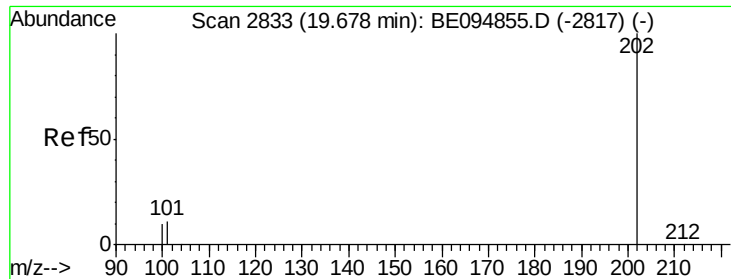


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

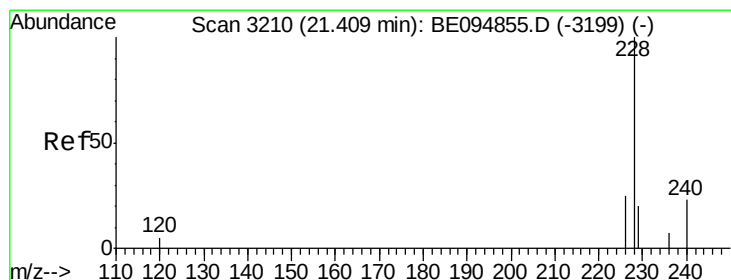
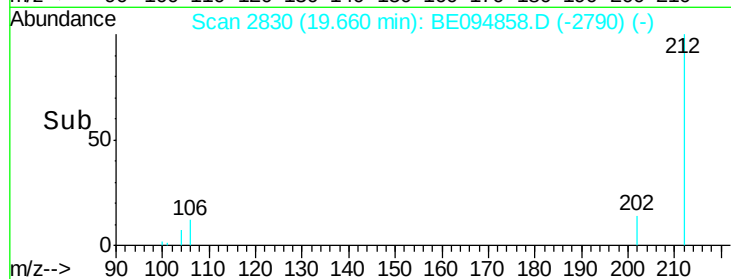
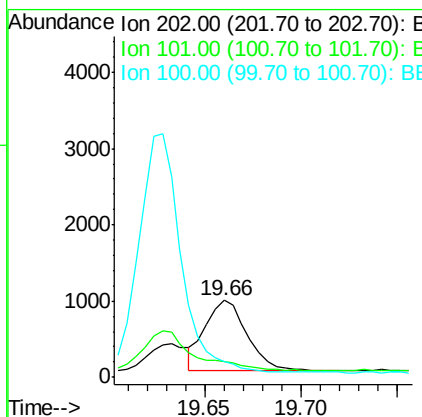
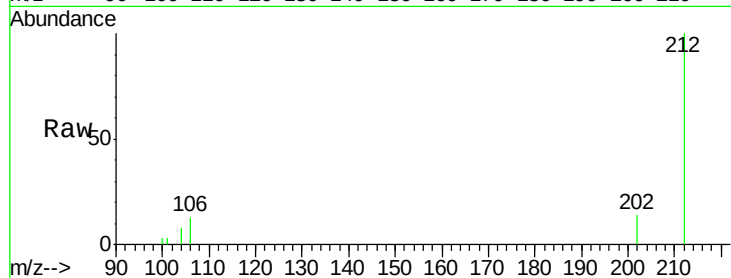




#17
Pvrene
Concen: 0.06 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BE094858.D
Acq: 23 Nov 2017 6:42

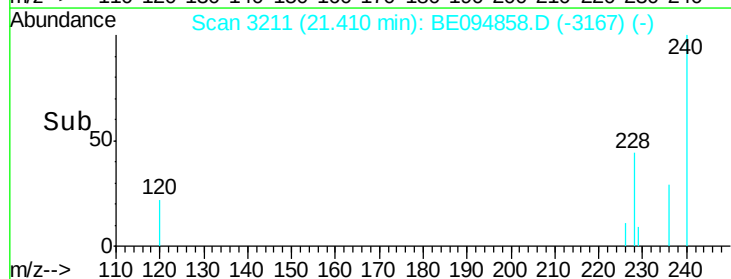
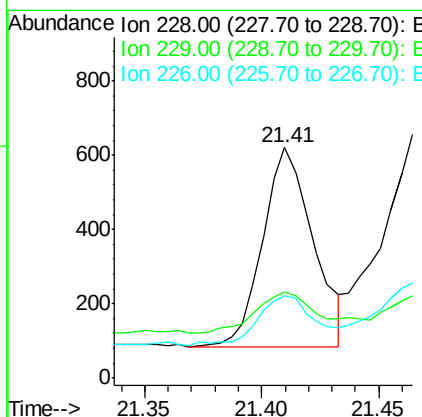
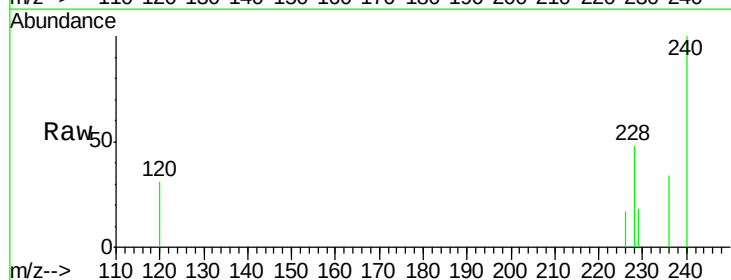
Instrument :
BNA_E
ClientSampleId :

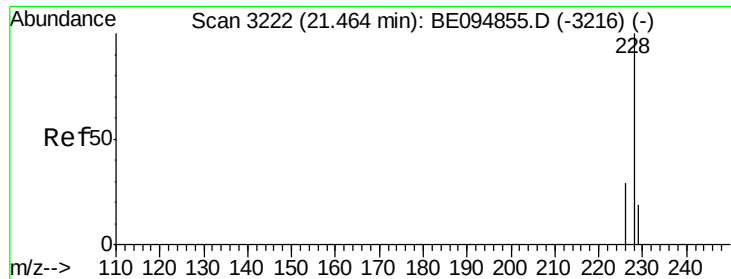
Tot Ion:202 Resp: 1408
Ion Ratio Lower Upper
202 100
101 21.3 18.2 27.4
100 20.3 15.6 23.4



#18
Benzo(a)anthracene
Concen: 0.03 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BE094858.D
Acq: 23 Nov 2017 6:42

Tgt Ion:228 Resp: 812
Ion Ratio Lower Upper
228 100
229 37.4 22.8 34.2#
226 35.8 17.0 25.6#





#19

Chrysene

Concen: 0.04 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094858.D

Acq: 23 Nov 2017 6:42

Instrument :

BNA_E

ClientSampleId :

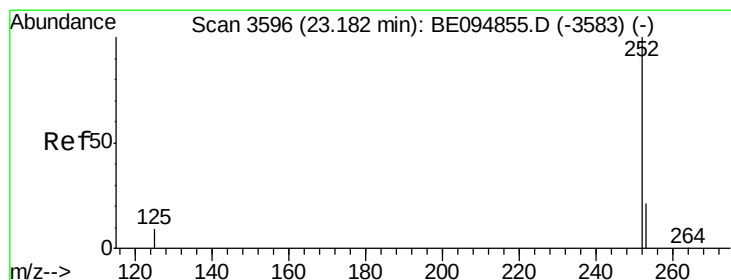
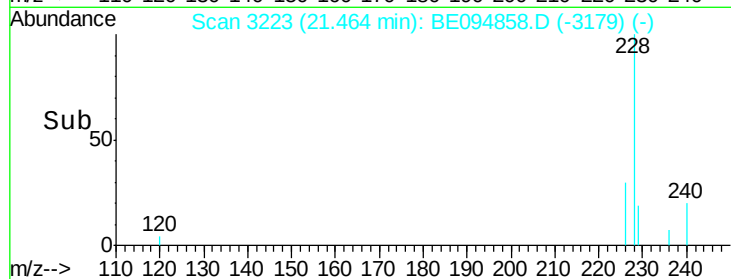
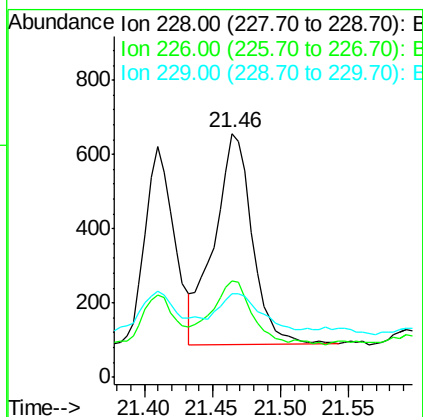
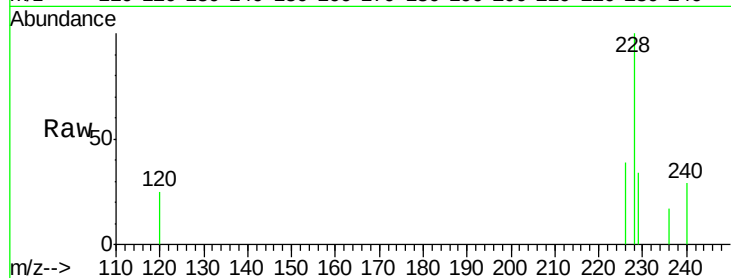
Tot Ion:228 Resp: 1101

Ion Ratio Lower Upper

228 100

226 39.3 23.4 35.0#

229 34.1 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 0.06 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.00 min

Lab File: BE094858.D

Acq: 23 Nov 2017 6:42

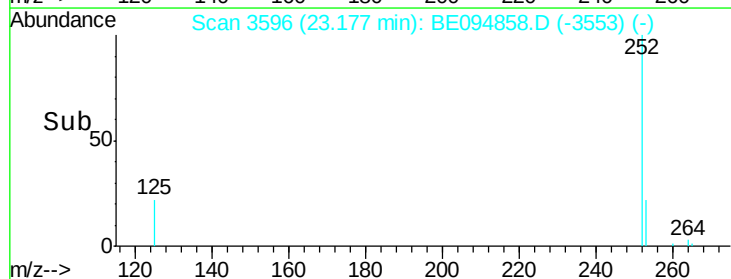
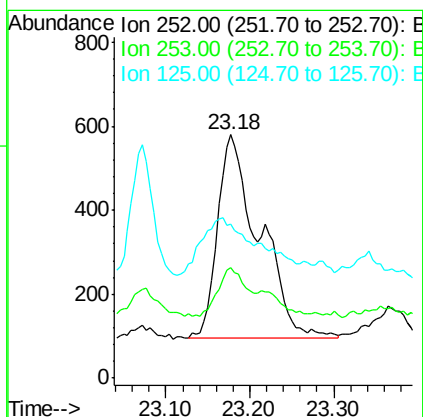
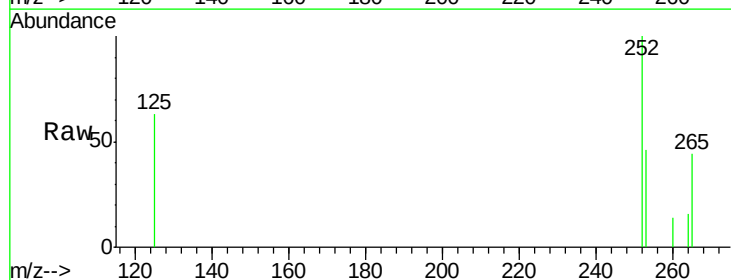
Tgt Ion:252 Resp: 1652

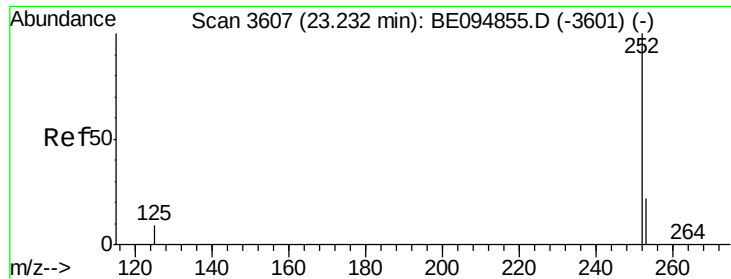
Ion Ratio Lower Upper

252 100

253 45.7 0.0 64.2

125 63.3 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.06 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.05 min

Lab File: BE094858.D

Acq: 23 Nov 2017 6:42

Instrument :

BNA_E

ClientSampleId :

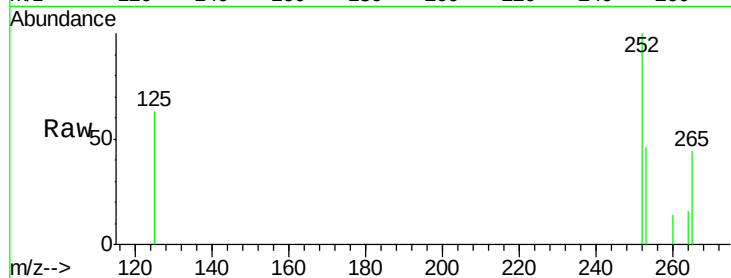
Tot Ion:252 Resp: 1652

Ion Ratio Lower Upper

252 100

253 45.7 24.5 36.7#

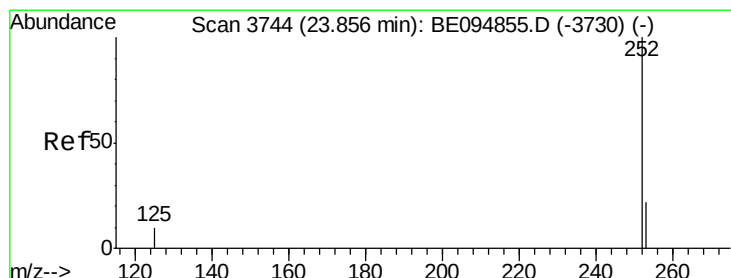
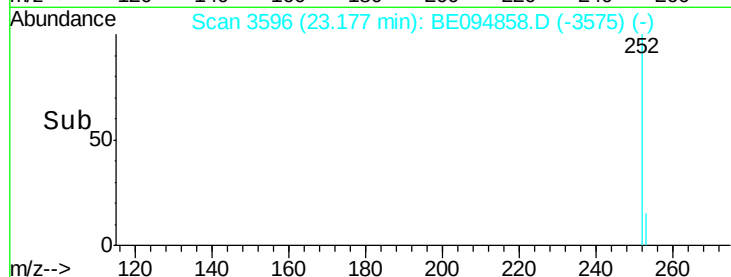
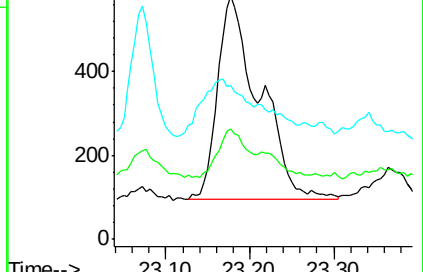
125 63.3 13.7 20.5#



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: 0.03 ng/ul

RT: 23.83 min Scan# 3740

Delta R.T. -0.02 min

Lab File: BE094858.D

Acq: 23 Nov 2017 6:42

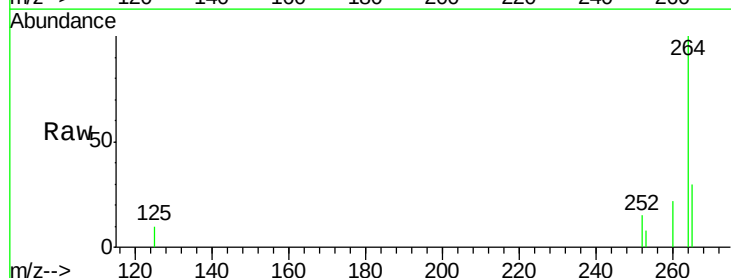
Tgt Ion:252 Resp: 719

Ion Ratio Lower Upper

252 100

253 54.4 28.5 42.7#

125 68.1 18.1 27.1#



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

