

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
 Data File : BM008216.D
 Acq On : 09 Dec 2016 21:40
 Operator : UM/SJ
 Sample : H5863-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Z0

Quant Time: Dec 10 04:40:53 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 10 04:37:00 2016
 Response via : Initial Calibration

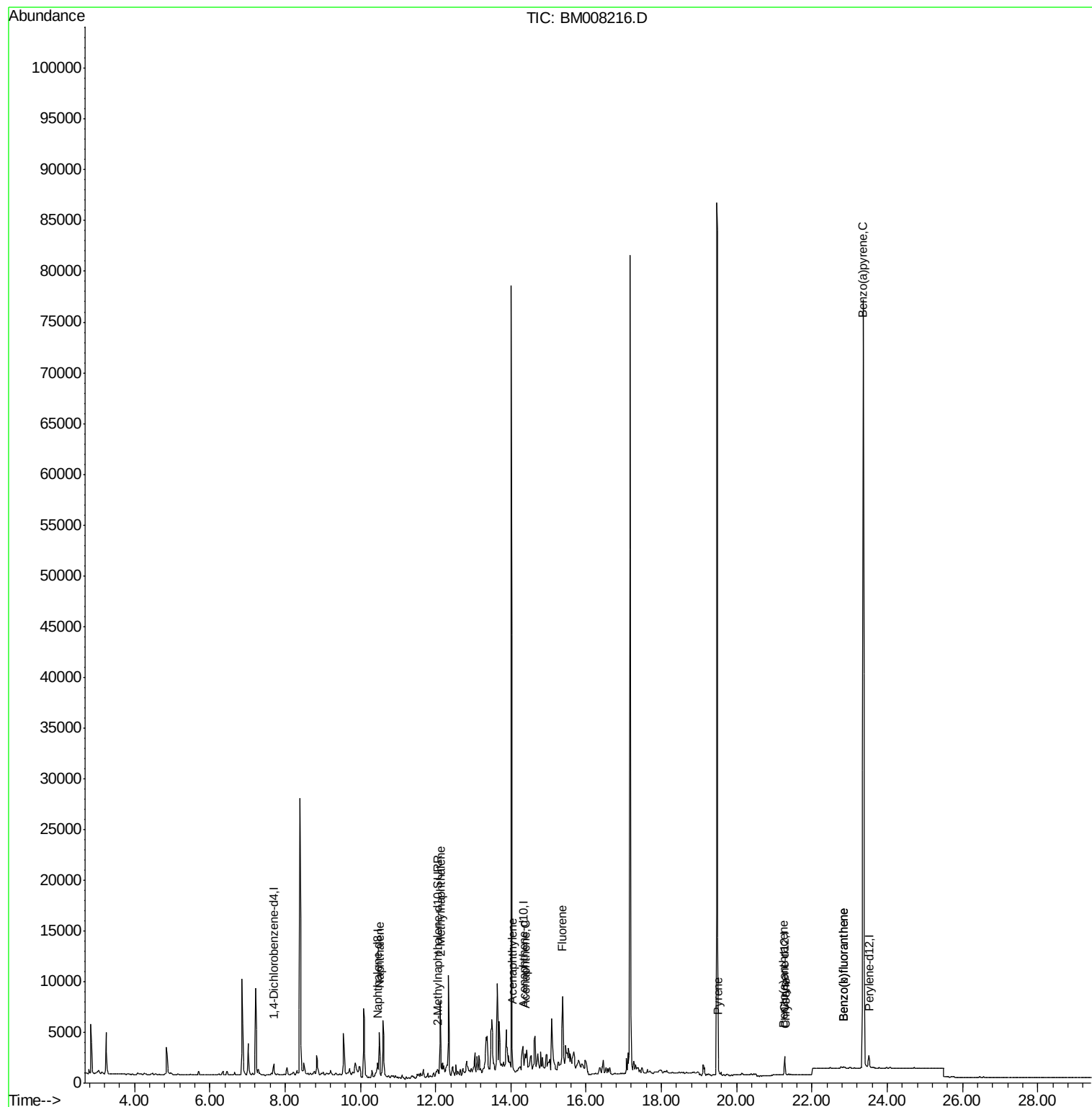
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	635	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	2008	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.33	164	1300	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.09
16) Chrysene-d12	21.27	240	1704	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1699	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	800	0.28	ng/ul	-0.04
14) Fluoranthene-d10	19.11	212	2333	0.00	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.51	128	6601	1.18	ng/ul	97
5) 2-Methylnaphthalene	12.12	142	5651	1.56	ng/ul	98
7) Acenaphthylene	14.04	152	786	0.13	ng/ul#	1
8) Acenaphthene	14.38	153	1637	0.37	ng/ul	92
9) Fluorene	15.38	166	5027	0.98	ng/ul#	83
17) Pyrene	19.51	202	1128	0.19	ng/ul#	73
18) Benzo(a)anthracene	21.25	228	253	0.05	ng/ul#	1
19) Chrysene	21.30	228	139	0.02	ng/ul#	1
21) Benzo(b)fluoranthene	22.84	252	386	0.06	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	386	0.06	ng/ul#	1
23) Benzo(a)pyrene	23.36	252	624	0.10	ng/ul#	11

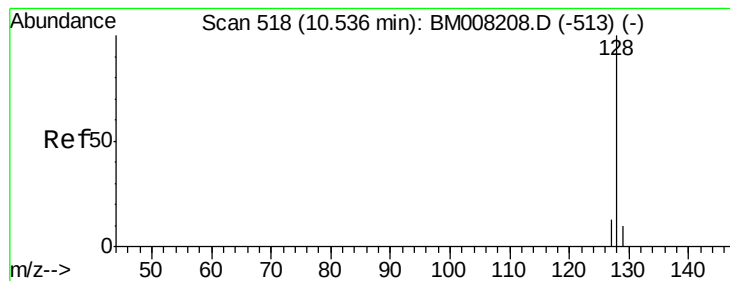
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Naphthalene

Concen: 1.18 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.02 min

Lab File: BM008216.D

Acq: 09 Dec 2016 21:40

Instrument :

BNA_M

ClientSampleId :

DA7Z0

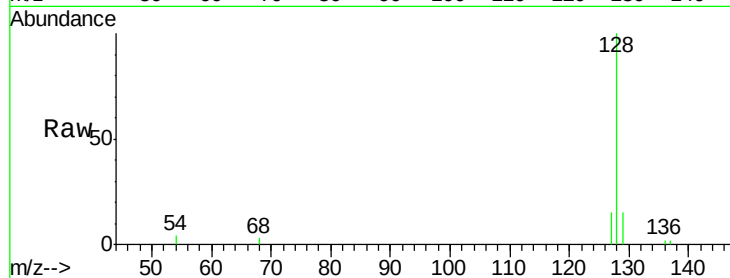
Tgt Ion:128 Resp: 6601

Ion Ratio Lower Upper

128 100

129 14.8 11.3 16.9

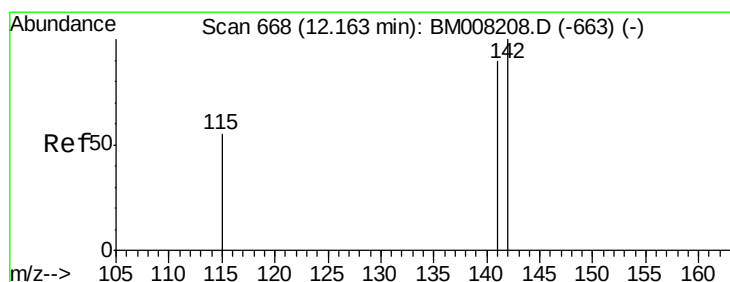
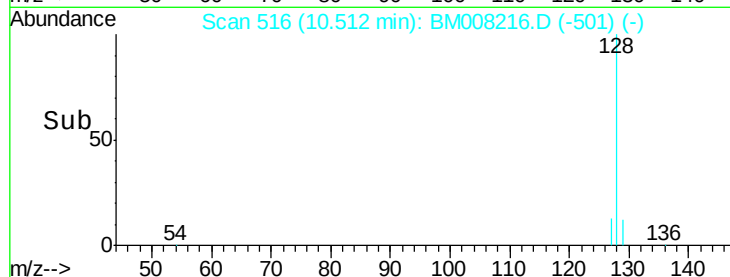
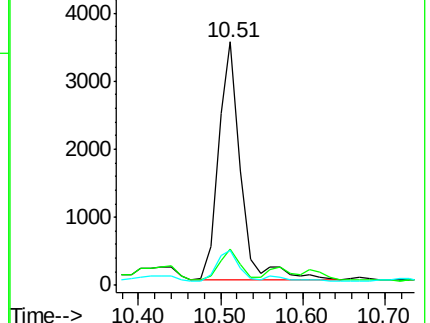
127 14.5 12.8 19.2



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: 1.56 ng/ul

RT: 12.12 min Scan# 664

Delta R.T. -0.04 min

Lab File: BM008216.D

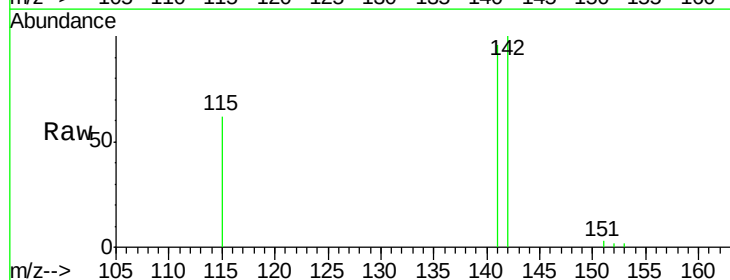
Acq: 09 Dec 2016 21:40

Tgt Ion:142 Resp: 5651

Ion Ratio Lower Upper

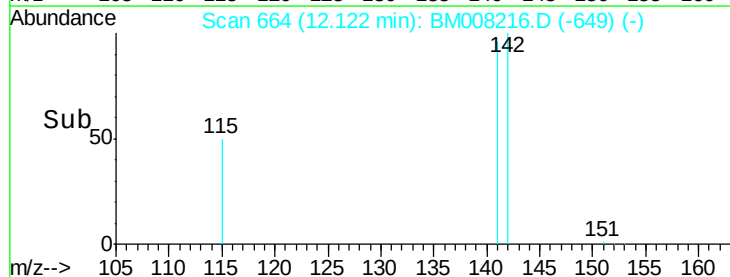
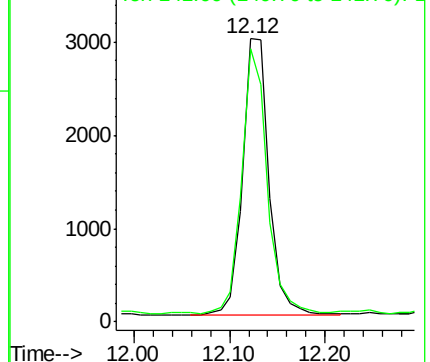
142 100

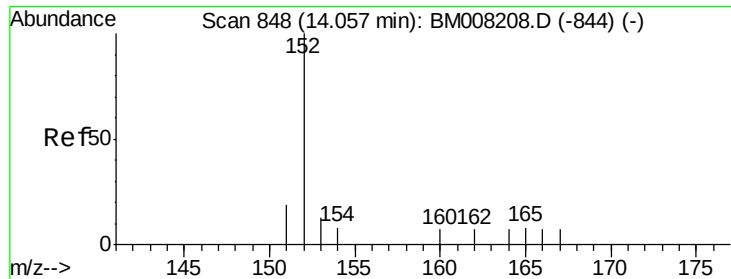
141 92.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.13 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.02 min

Lab File: BM008216.D

Acq: 09 Dec 2016 21:40

Instrument :

BNA_M

ClientSampleId :

DA7Z0

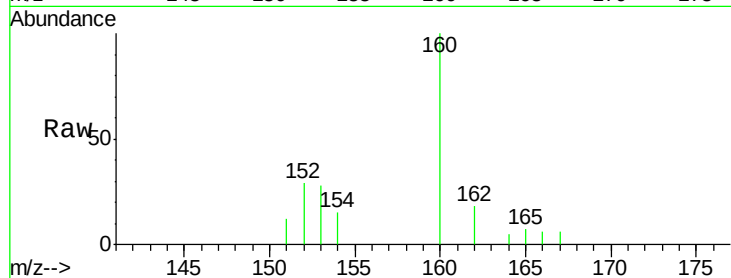
Tgt Ion:152 Resp: 786

Ion Ratio Lower Upper

152 100

151 40.2 17.1 25.7#

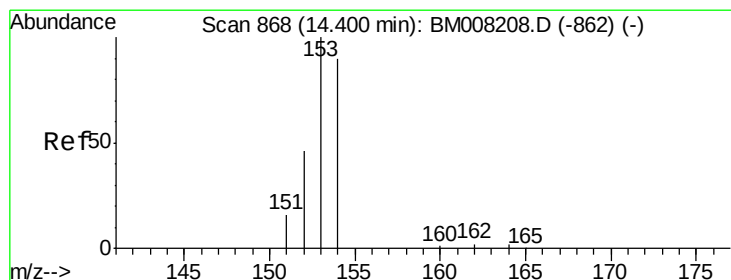
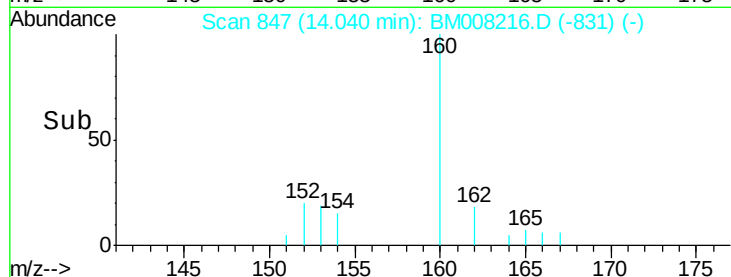
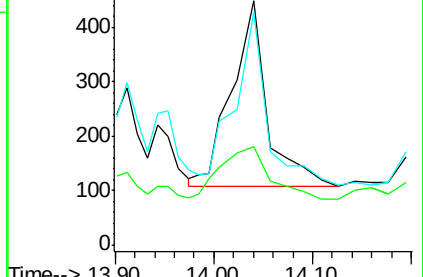
153 95.5 12.8 19.2#



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: 0.37 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.02 min

Lab File: BM008216.D

Acq: 09 Dec 2016 21:40

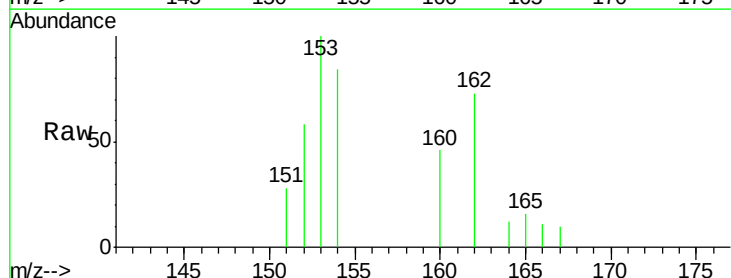
Tgt Ion:153 Resp: 1637

Ion Ratio Lower Upper

153 100

152 58.5 40.3 60.5

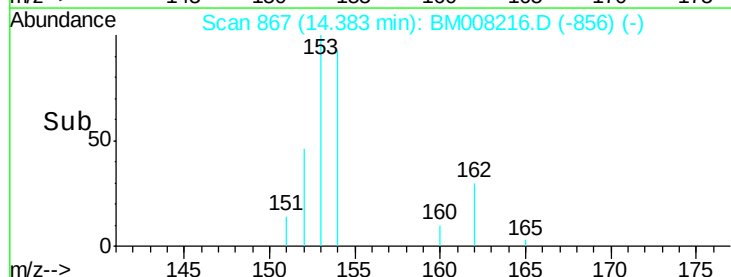
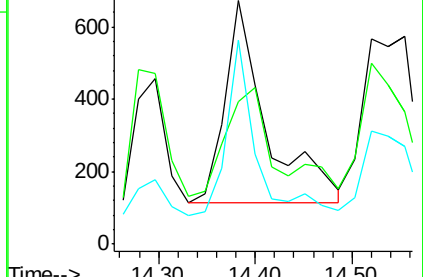
154 83.9 71.4 107.2

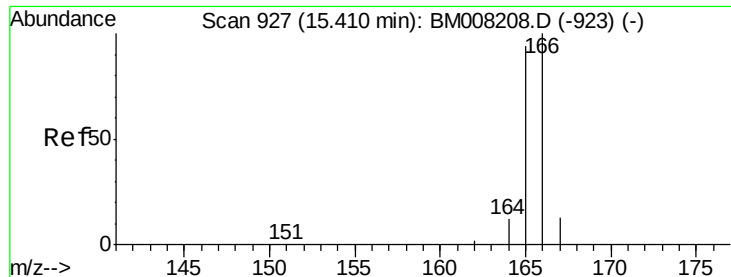


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

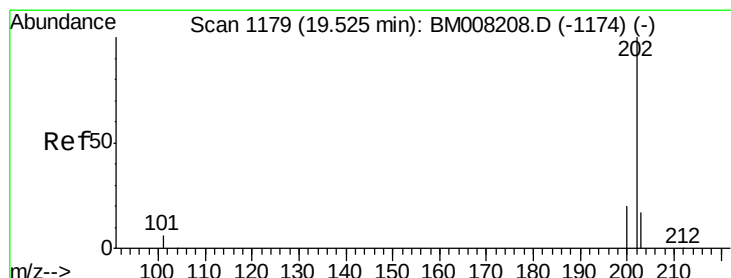
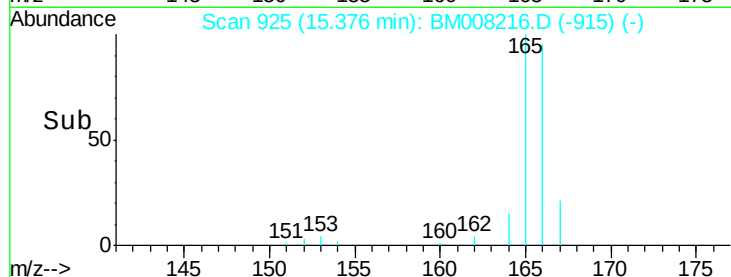
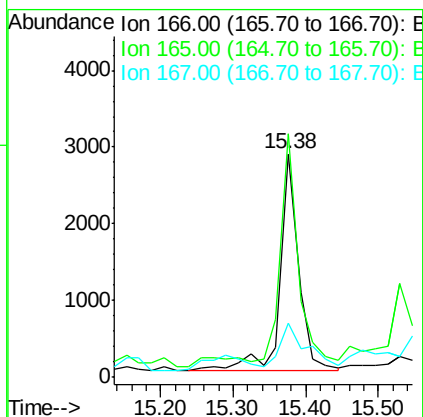
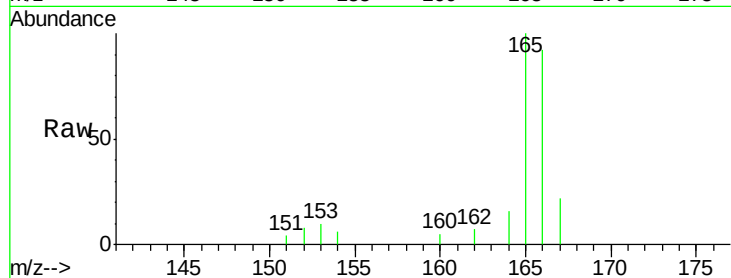




#9
Fluorene
 Concen: 0.98 ng/ul
 RT: 15.38 min Scan# 925
 Delta R.T. -0.03 min
 Lab File: BM008216.D
 Acq: 09 Dec 2016 21:40

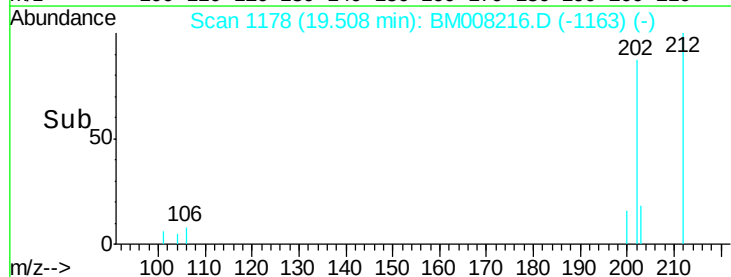
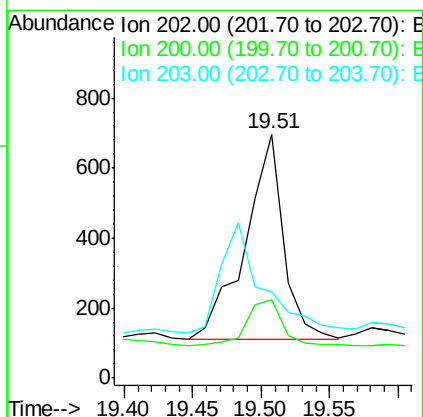
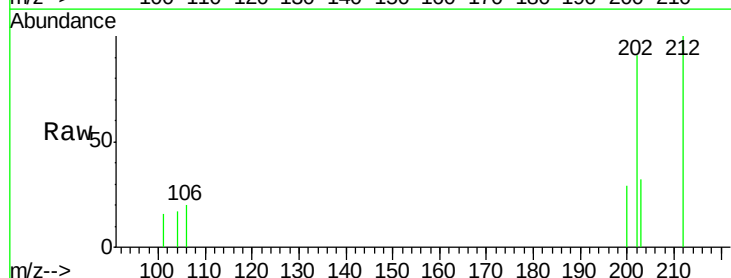
Instrument :
 BNA_M
 ClientSampleId :
 DA7Z0

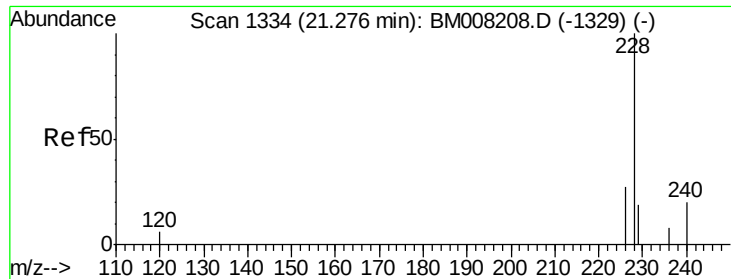
Tgt Ion:166 Resp: 5027
 Ion Ratio Lower Upper
 166 100
 165 109.1 73.4 110.2
 167 24.1 14.6 22.0#



#17
Pyrene
 Concen: 0.19 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BM008216.D
 Acq: 09 Dec 2016 21:40

Tgt Ion:202 Resp: 1128
 Ion Ratio Lower Upper
 202 100
 200 32.2 18.2 27.4#
 203 35.3 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 21.25 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BM008216.D

Acq: 09 Dec 2016 21:40

Instrument :

BNA_M

ClientSampleId :

DA7Z0

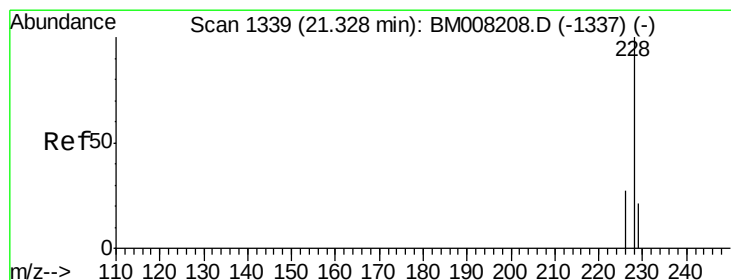
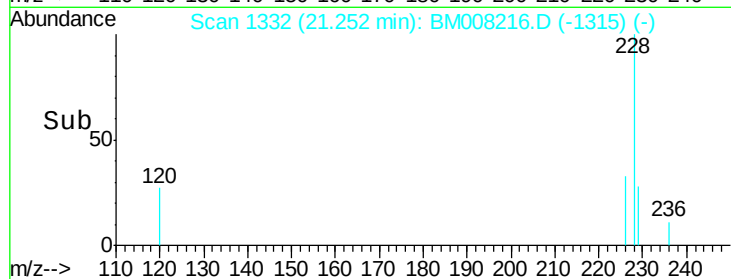
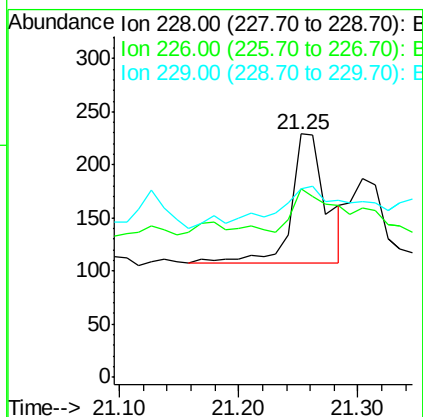
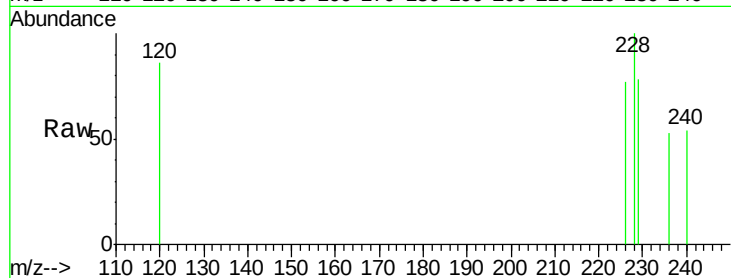
Tgt Ion:228 Resp: 253

Ion Ratio Lower Upper

228 100

226 77.3 22.8 34.2#

229 77.7 17.0 25.6#



#19

Chrysene

Concen: 0.02 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BM008216.D

Acq: 09 Dec 2016 21:40

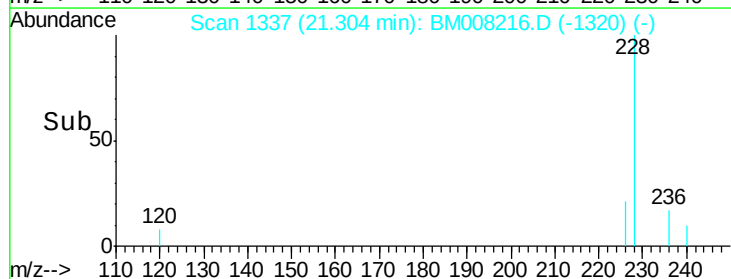
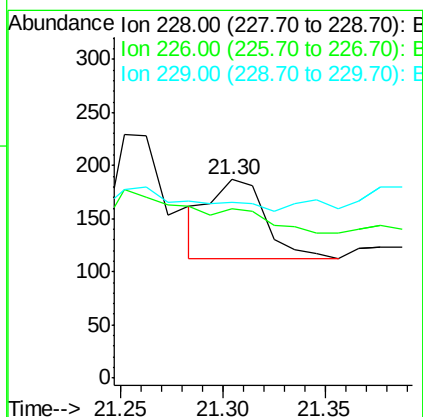
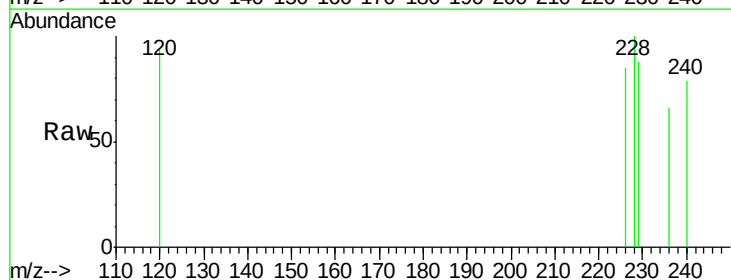
Tgt Ion:228 Resp: 139

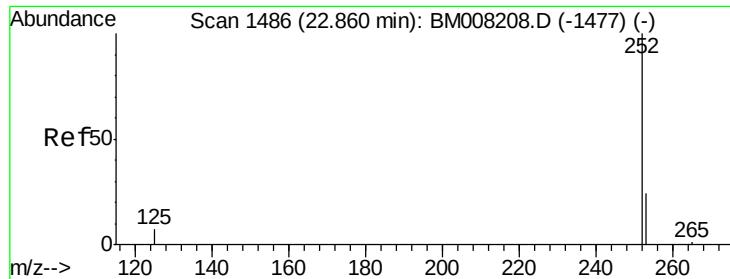
Ion Ratio Lower Upper

228 100

226 85.0 23.4 35.0#

229 88.2 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.06 ng/ul

RT: 22.84 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BM008216.D

Acq: 09 Dec 2016 21:40

Instrument :

BNA_M

ClientSampleId :

DA7Z0

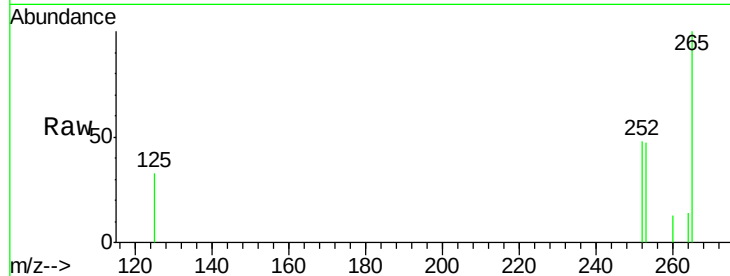
Tgt Ion:252 Resp: 386

Ion Ratio Lower Upper

252 100

253 97.4 0.0 64.2#

125 69.6 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

22.84

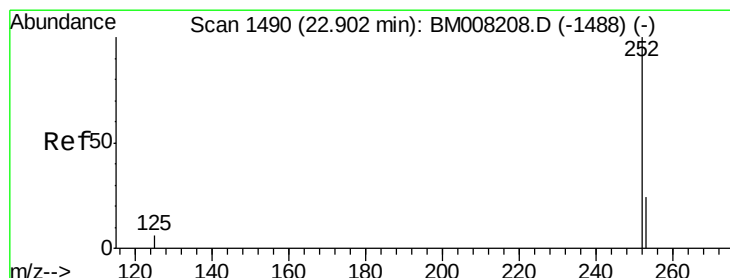
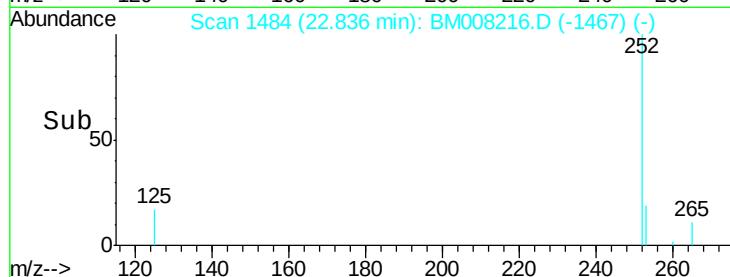
300

200

100

0

Time--> 22.70 22.80 22.90



#22

Benzo(k)fluoranthene

Concen: 0.06 ng/ul

RT: 22.84 min Scan# 1484

Delta R.T. -0.07 min

Lab File: BM008216.D

Acq: 09 Dec 2016 21:40

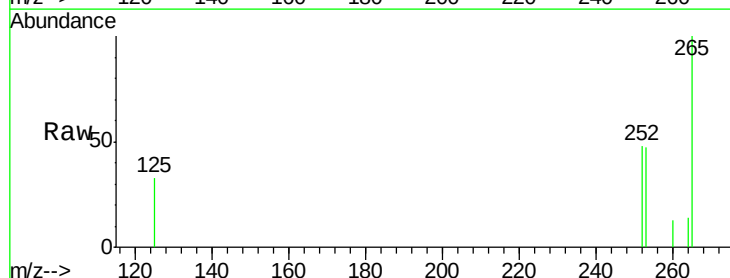
Tgt Ion:252 Resp: 386

Ion Ratio Lower Upper

252 100

253 97.4 24.5 36.7#

125 69.6 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

22.84

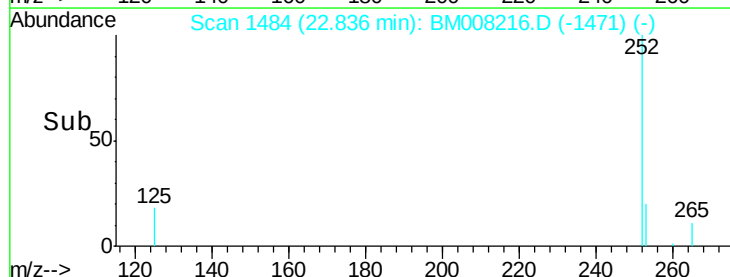
300

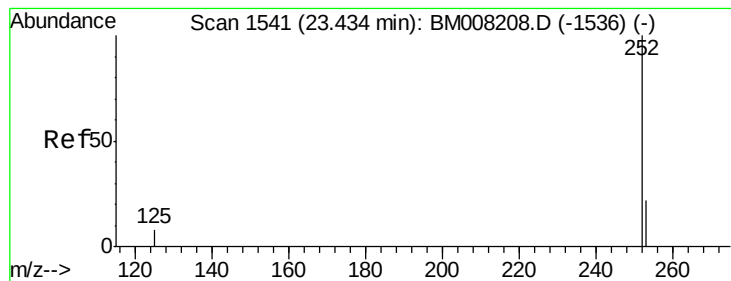
200

100

0

Time--> 22.70 22.80 22.90





#23

Benzo(a)pyrene

Concen: 0.10 ng/ul

RT: 23.36 min Scan# 1534

Delta R.T. -0.08 min

Lab File: BM008216.D

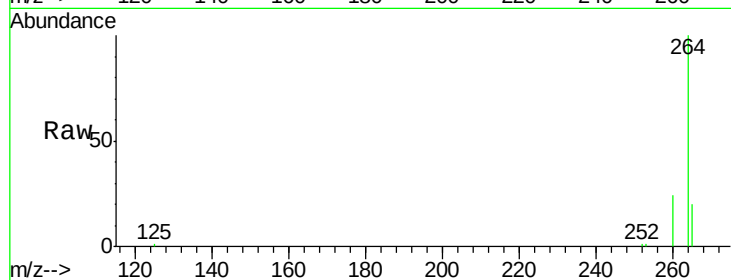
Acq: 09 Dec 2016 21:40

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 252 Resp: 624

Ion Ratio Lower Upper

252 100

253 81.9 28.5 42.7#

125 72.9 18.1 27.1#

