

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
 Data File : BM008264.D
 Acq On : 12 Dec 2016 15:32
 Operator : UM/SJ
 Sample : H5905-21RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA820RE

Quant Time: Dec 13 02:31:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 02:27:35 2016
 Response via : Initial Calibration

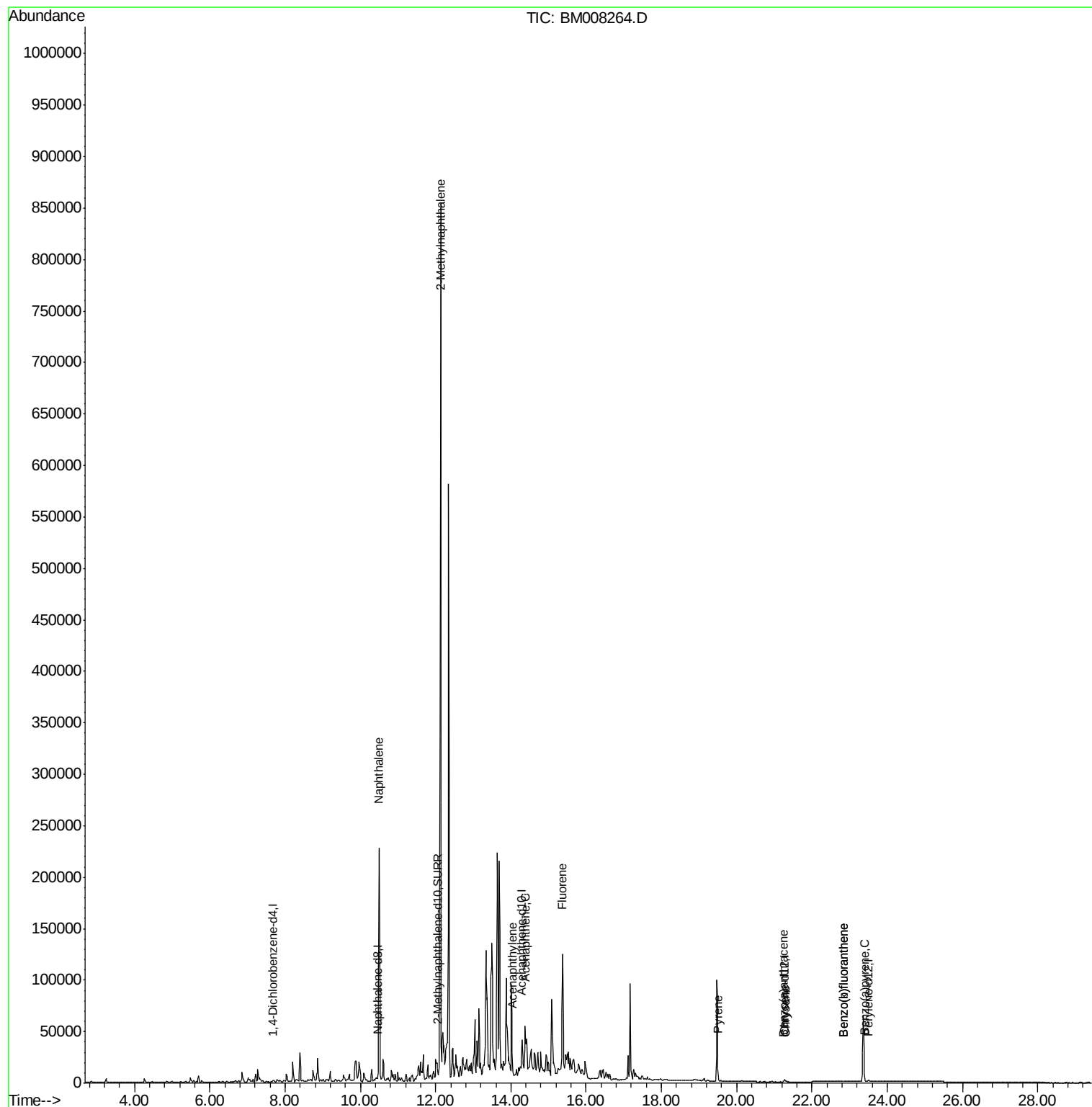
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	740	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	2393	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	3580	0.40	ng/ul	-0.03
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.09
16) Chrysene-d12	21.27	240	2090	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	1767	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	1540	0.45	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	4789	0.00	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.50	128	348829	52.13	ng/ul#	94
5) 2-Methylnaphthalene	12.13	142	615100	142.59	ng/ul	99
7) Acenaphthylene	14.04	152	11913	0.74	ng/ul#	4
8) Acenaphthene	14.38	153	35192	2.85	ng/ul	98
9) Fluorene	15.38	166	76689	5.41	ng/ul	86
17) Pyrene	19.51	202	3820	0.53	ng/ul#	83
18) Benzo(a)anthracene	21.25	228	608	0.09	ng/ul#	15
19) Chrysene	21.30	228	450	0.06	ng/ul#	11
21) Benzo(b)fluoranthene	22.84	252	376	0.05	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	392	0.05	ng/ul#	1
23) Benzo(a)pyrene	23.40	252	197	0.03	ng/ul#	1

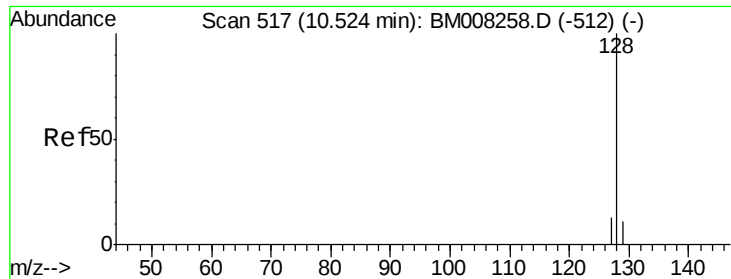
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 52.13 ng/ul

RT: 10.50 min Scan# 515

Delta R.T. -0.02 min

Lab File: BM008264.D

Acq: 12 Dec 2016 15:32

Instrument :

BNA_M

ClientSampleId :

DA820RE

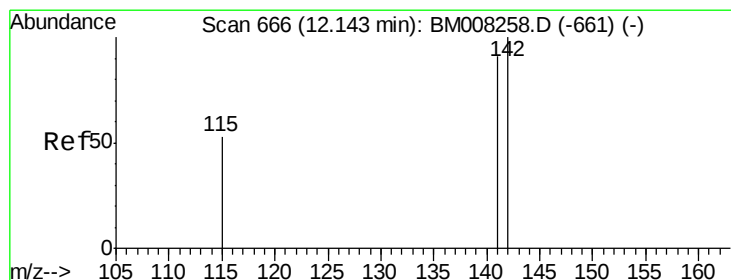
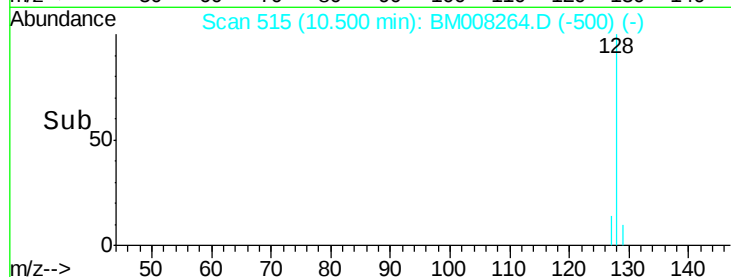
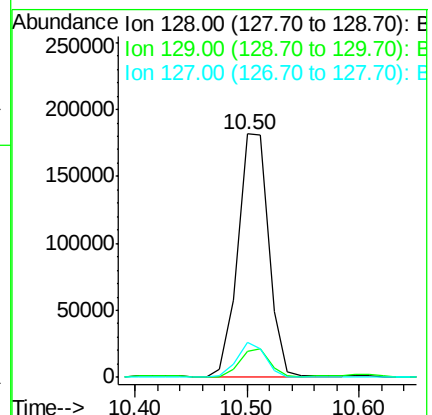
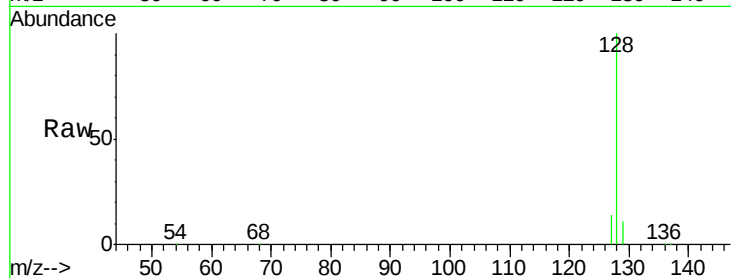
Tgt Ion:128 Resp: 348829

Ion Ratio Lower Upper

128 100

129 10.6 11.3 16.9#

127 14.3 12.8 19.2



#5

2-Methylnaphthalene

Concen: 142.59 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM008264.D

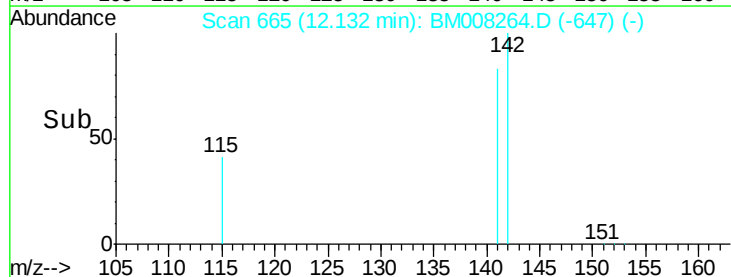
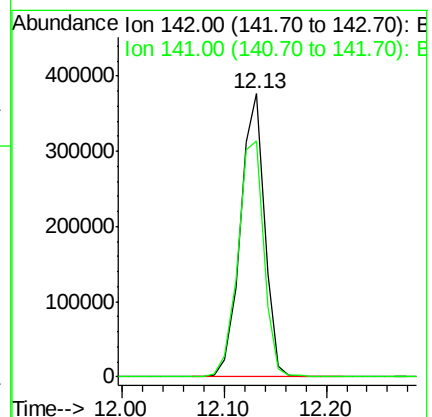
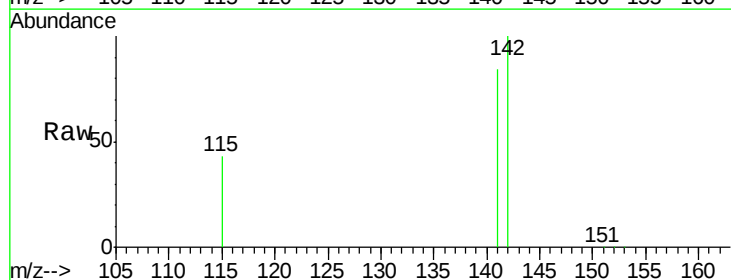
Acq: 12 Dec 2016 15:32

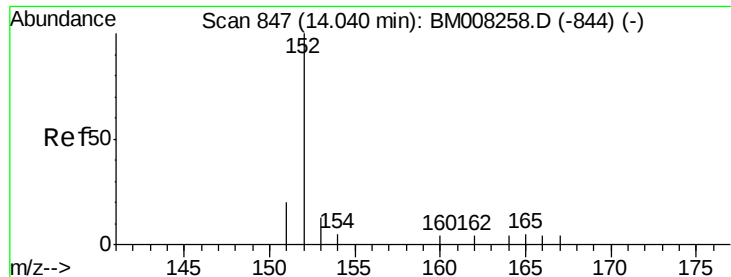
Tgt Ion:142 Resp: 615100

Ion Ratio Lower Upper

142 100

141 89.3 72.6 108.8





#7

Acenaphthylene

Concen: 0.74 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM008264.D

Acq: 12 Dec 2016 15:32

Instrument :

BNA_M

ClientSampleId :

DA820RE

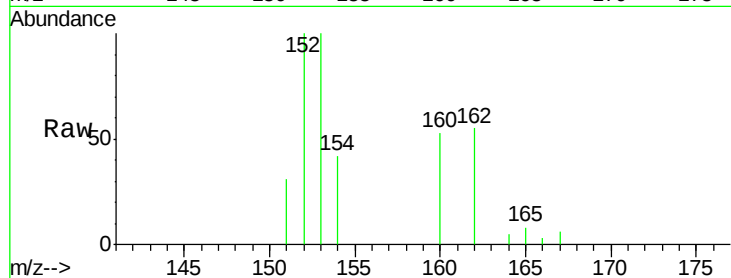
Tgt Ion:152 Resp: 11913

Ion Ratio Lower Upper

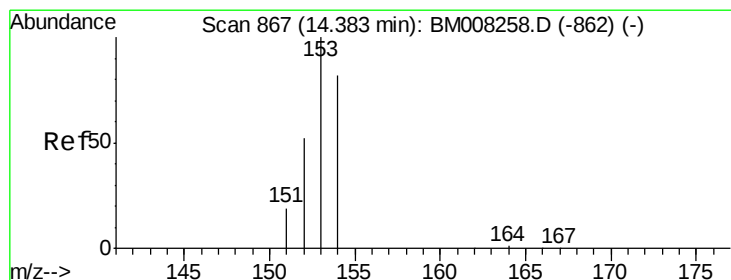
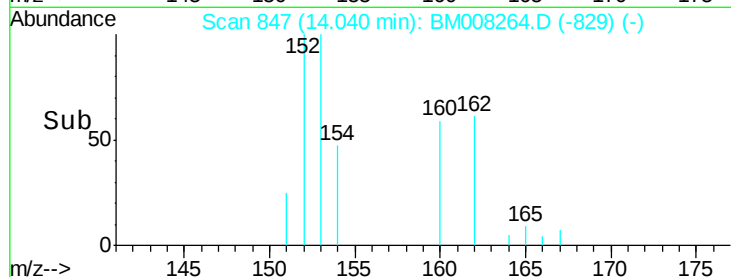
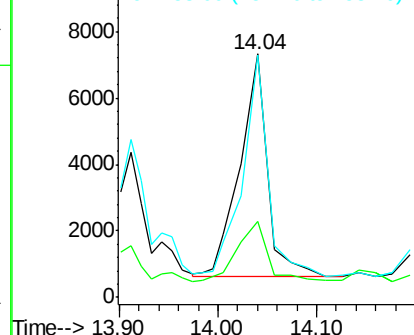
152 100

151 31.2 17.1 25.7#

153 99.7 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: 2.85 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM008264.D

Acq: 12 Dec 2016 15:32

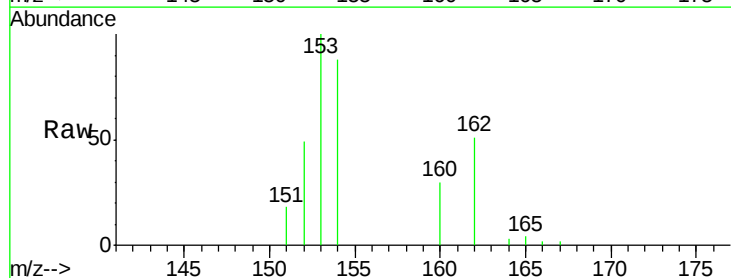
Tgt Ion:153 Resp: 35192

Ion Ratio Lower Upper

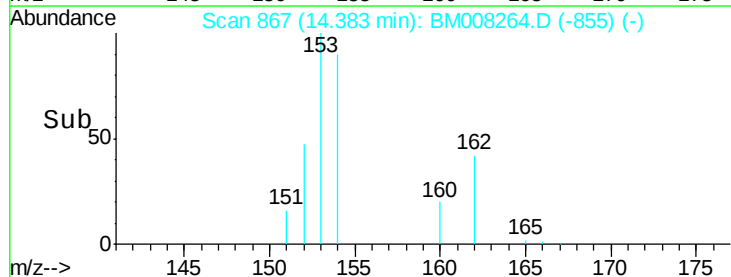
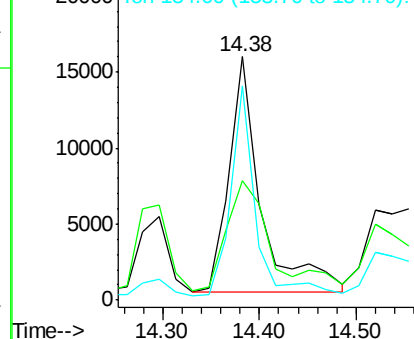
153 100

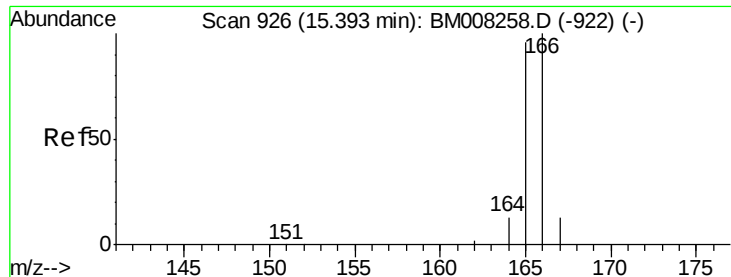
152 49.2 40.3 60.5

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

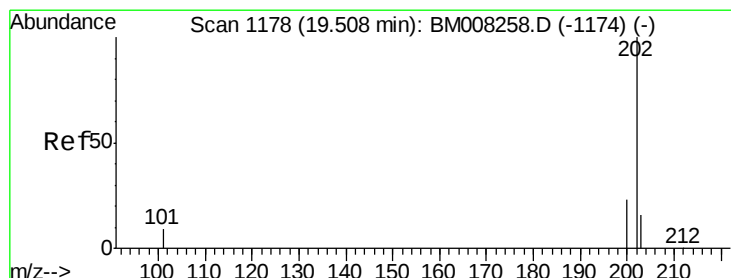
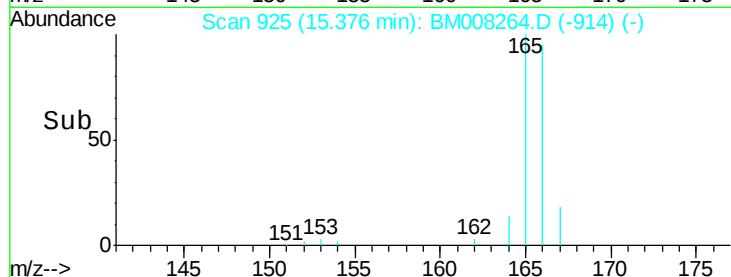
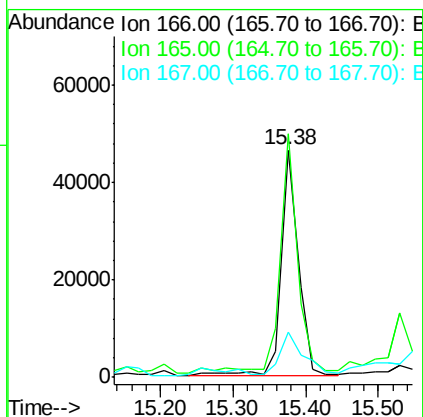
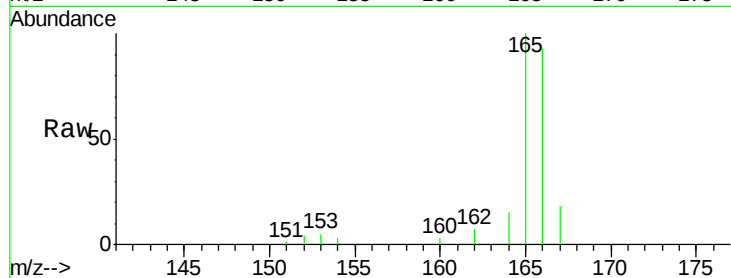




#9
Fluorene
 Concen: 5.41 ng/ul
 RT: 15.38 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BM008264.D
 Acq: 12 Dec 2016 15:32

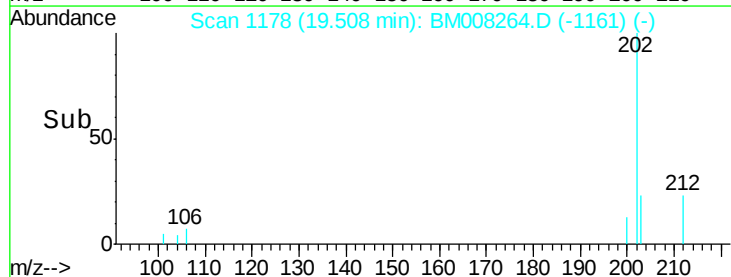
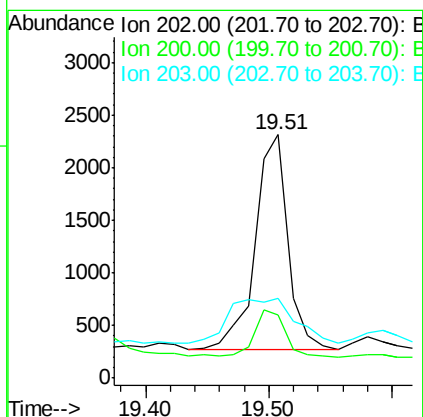
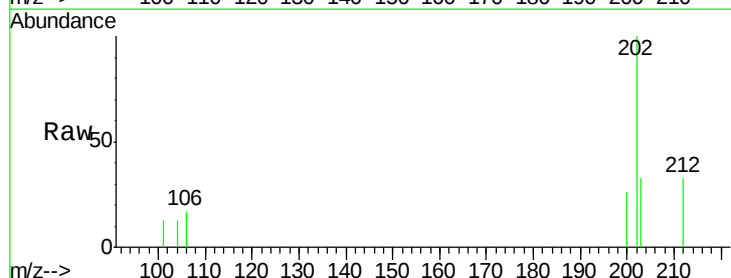
Instrument :
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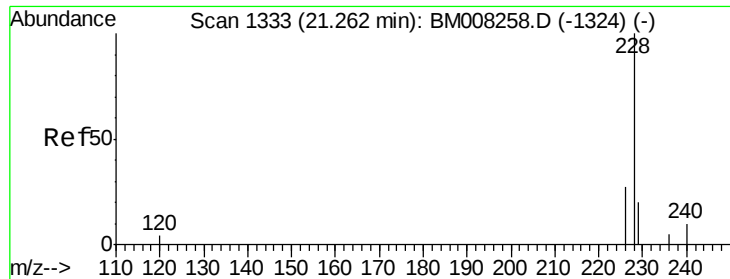
Tgt Ion:166 Resp: 76689
 Ion Ratio Lower Upper
 166 100
 165 107.0 73.4 110.2
 167 19.7 14.6 22.0



#17
Pyrene
 Concen: 0.53 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BM008264.D
 Acq: 12 Dec 2016 15:32

Tgt Ion:202 Resp: 3820
 Ion Ratio Lower Upper
 202 100
 200 26.1 18.2 27.4
 203 32.9 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.09 ng/ul

RT: 21.25 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BM008264.D

Acq: 12 Dec 2016 15:32

Instrument :

BNA_M

ClientSampleId :

DA820RE

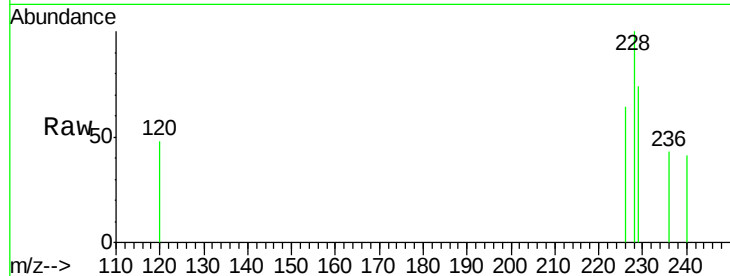
Tgt Ion:228 Resp: 608

Ion Ratio Lower Upper

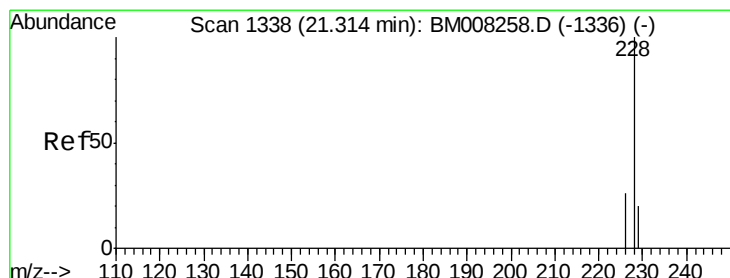
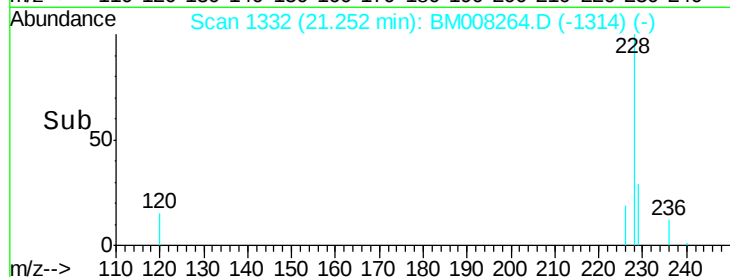
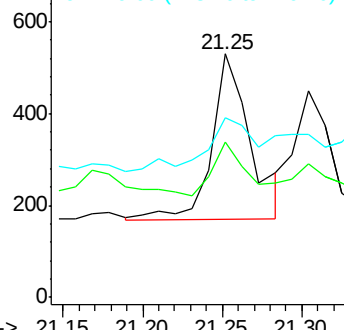
228 100

226 63.6 22.8 34.2#

229 73.6 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#19

Chrysene

Concen: 0.06 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM008264.D

Acq: 12 Dec 2016 15:32

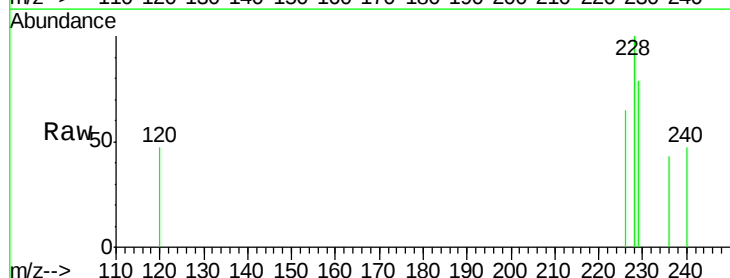
Tgt Ion:228 Resp: 450

Ion Ratio Lower Upper

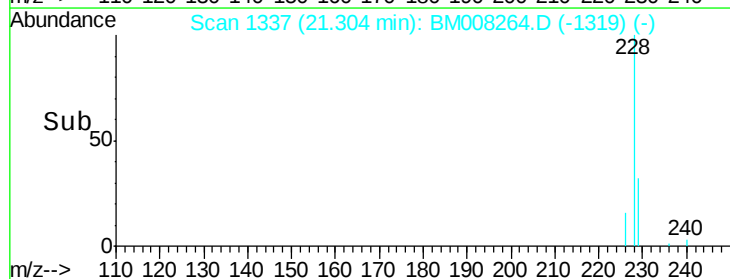
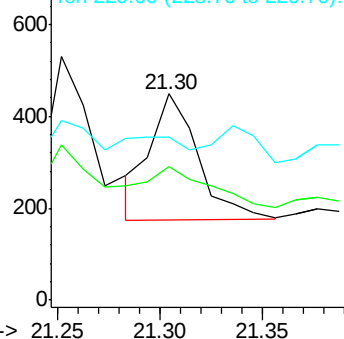
228 100

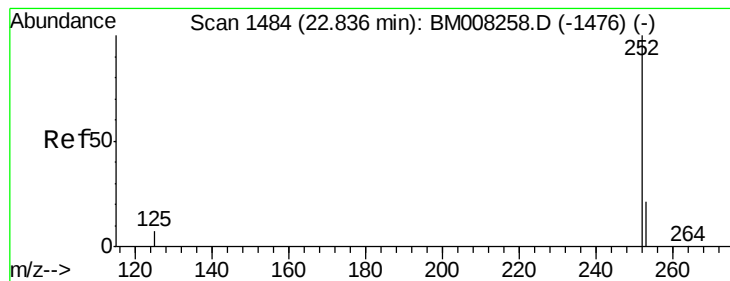
226 64.6 23.4 35.0#

229 79.3 17.7 26.5#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.05 ng/ul

RT: 22.84 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BM008264.D

Acq: 12 Dec 2016 15:32

Instrument :

BNA_M

ClientSampleId :

DA820RE

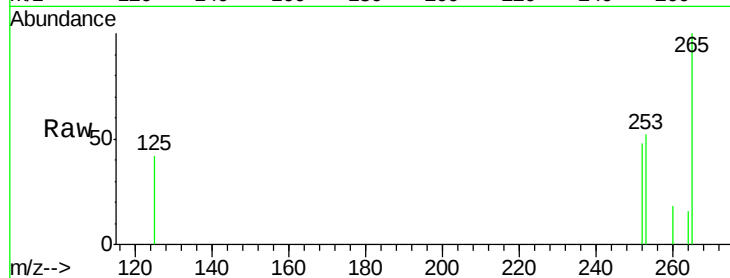
Tgt Ion:252 Resp: 376

Ion Ratio Lower Upper

252 100

253 109.6 0.0 64.2#

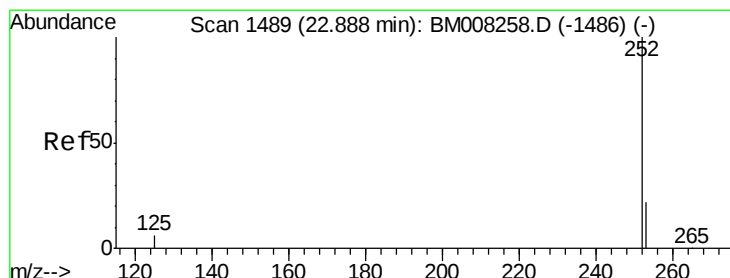
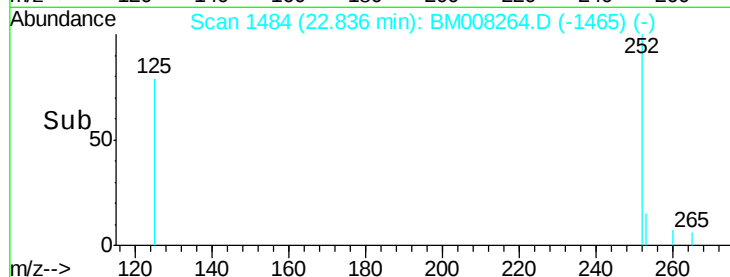
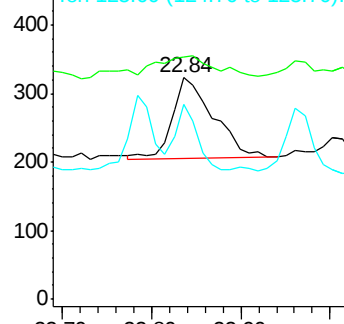
125 87.9 0.0 35.0#



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: 0.05 ng/ul

RT: 22.84 min Scan# 1484

Delta R.T. -0.05 min

Lab File: BM008264.D

Acq: 12 Dec 2016 15:32

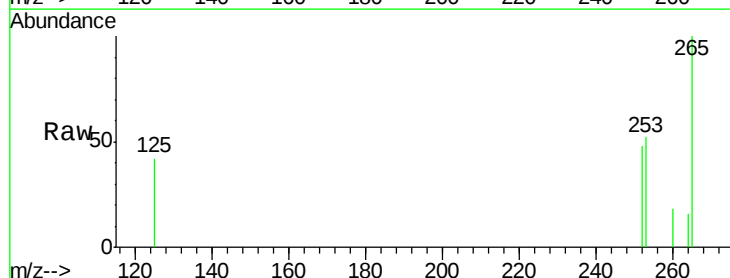
Tgt Ion:252 Resp: 392

Ion Ratio Lower Upper

252 100

253 109.6 24.5 36.7#

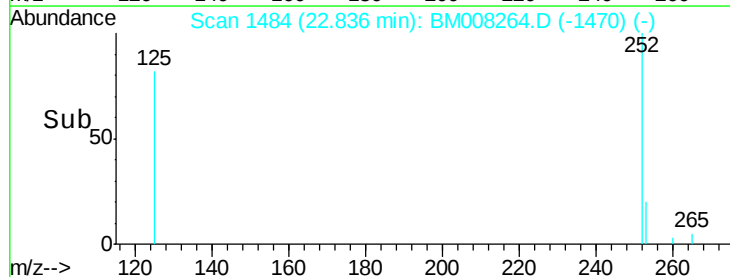
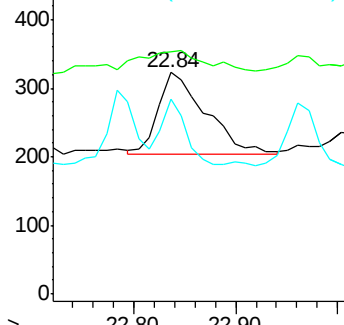
125 87.9 13.7 20.5#

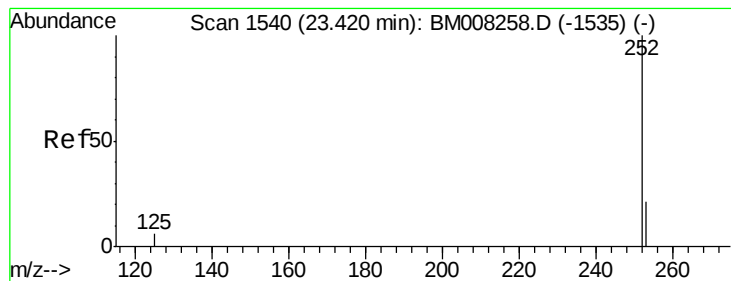


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.40 min Scan# 1538

Delta R.T. -0.02 min

Lab File: BM008264.D

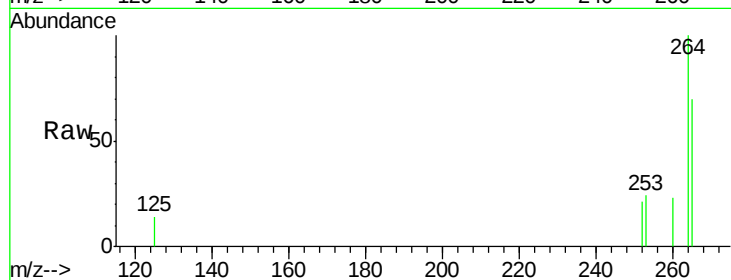
Acq: 12 Dec 2016 15:32

Instrument :

BNA_M

ClientSampleId :

DA820RE



Tgt Ion: 252 Resp: 197

Ion Ratio Lower Upper

252 100

253 112.8 28.5 42.7#

125 64.9 18.1 27.1#

