

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
 Data File : BM008263.D
 Acq On : 12 Dec 2016 14:56
 Operator : UM/SJ
 Sample : H5905-19RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA818RE

Quant Time: Dec 13 02:30:49 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	922	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	2389	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	5411	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	1990	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	1780	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.06	152	1616	0.48	ng/ul	-0.01
14) Fluoranthene-d10	19.11	212	11082	0.00	ng/ul	-0.01

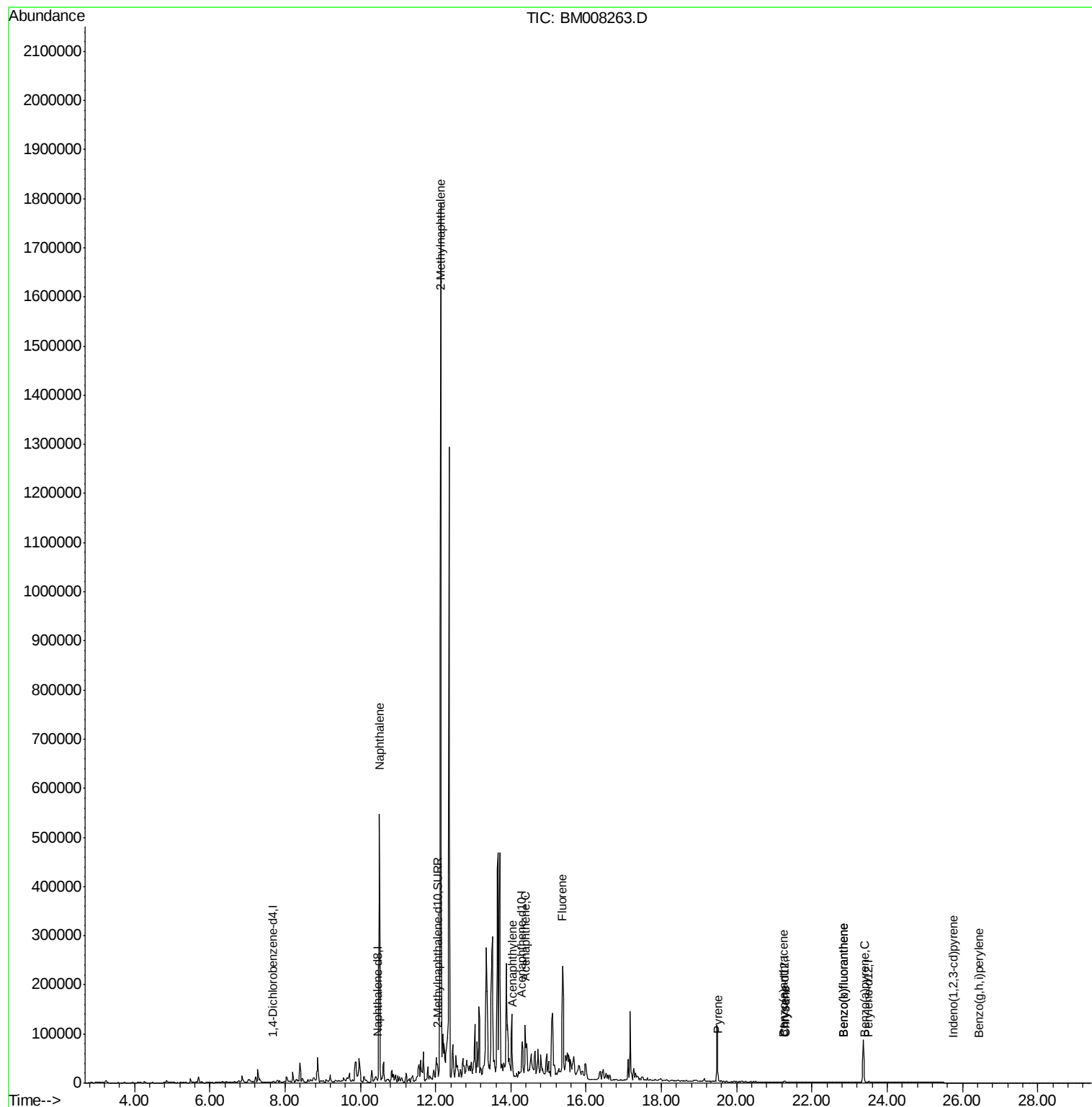
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.51	128	742909	111.20	ng/ul	93
5) 2-Methylnaphthalene	12.14	142	1395445	324.03	ng/ul	98
7) Acenaphthylene	14.04	152	27044	1.10	ng/ul#	8
8) Acenaphthene	14.38	153	76408	4.10	ng/ul	94
9) Fluorene	15.38	166	172440	8.05	ng/ul#	73
17) Pyrene	19.51	202	8142	1.18	ng/ul#	89
18) Benzo(a)anthracene	21.25	228	1332	0.22	ng/ul#	33
19) Chrysene	21.30	228	1185	0.16	ng/ul#	30
21) Benzo(b)fluoranthene	22.84	252	947	0.13	ng/ul#	3
22) Benzo(k)fluoranthene	22.84	252	941	0.13	ng/ul#	1
23) Benzo(a)pyrene	23.40	252	537	0.08	ng/ul#	21
24) Indeno(1,2,3-cd)pyrene	25.76	276	260	0.03	ng/ul#	87
26) Benzo(g,h,i)perylene	26.44	276	248	0.03	ng/ul#	15

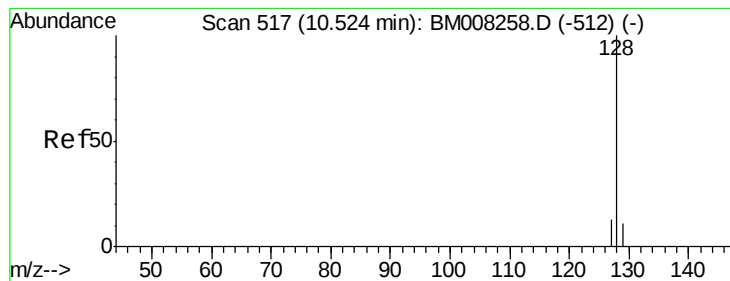
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 111.20 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

Instrument :

BNA_M

ClientSampleId :

DA818RE

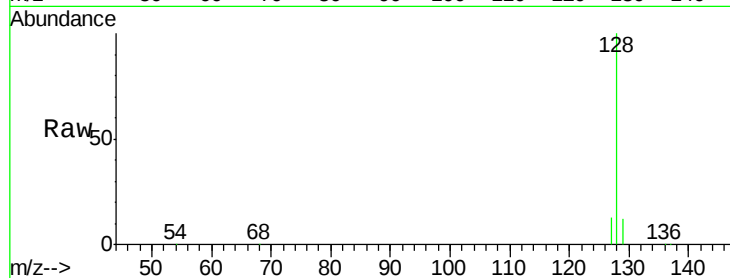
Tgt Ion:128 Resp: 742909

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

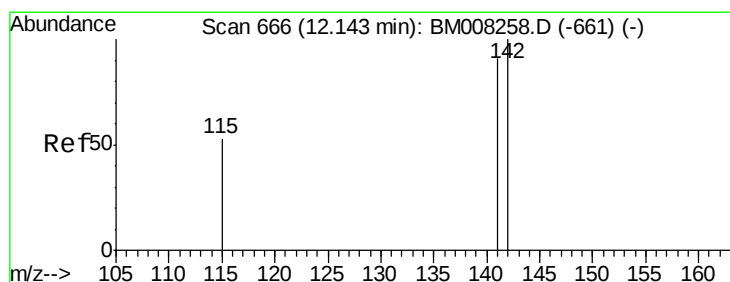
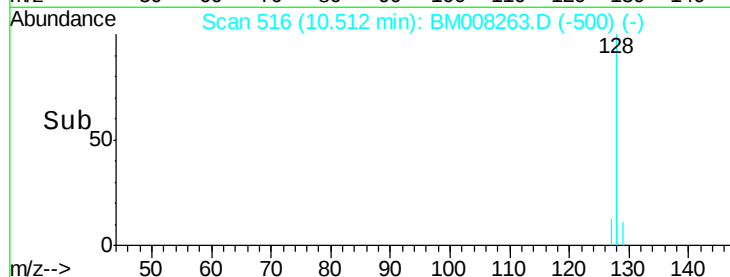
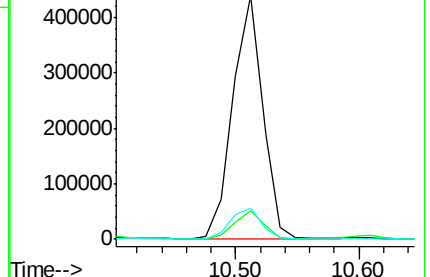
127 12.9 12.8 19.2



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: 324.03 ng/ul

RT: 12.14 min Scan# 666

Delta R.T. 0.00 min

Lab File: BM008263.D

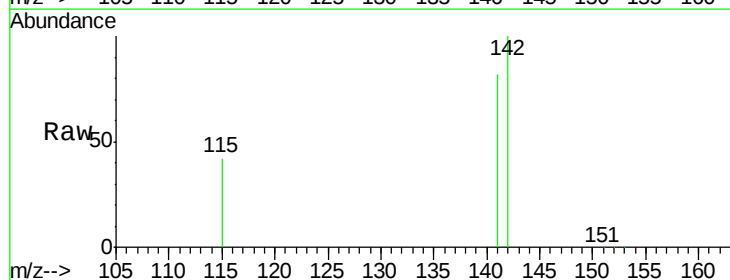
Acq: 12 Dec 2016 14:56

Tgt Ion:142 Resp: 1395445

Ion Ratio Lower Upper

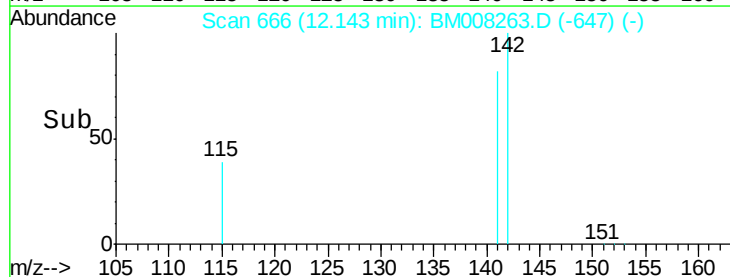
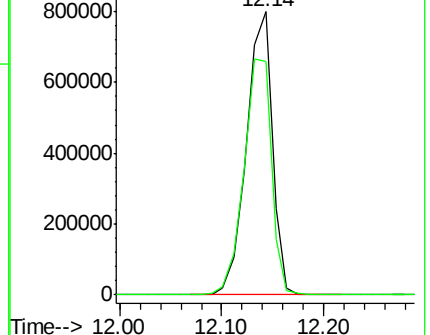
142 100

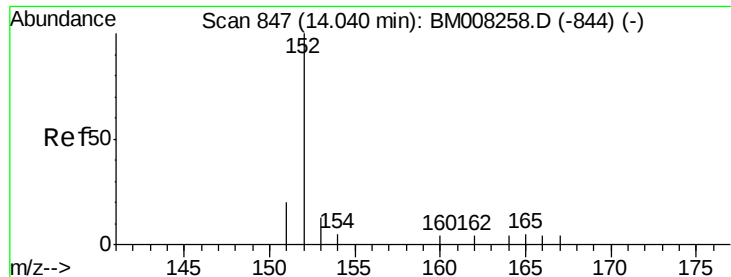
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.10 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

Instrument :

BNA_M

ClientSampleId :

DA818RE

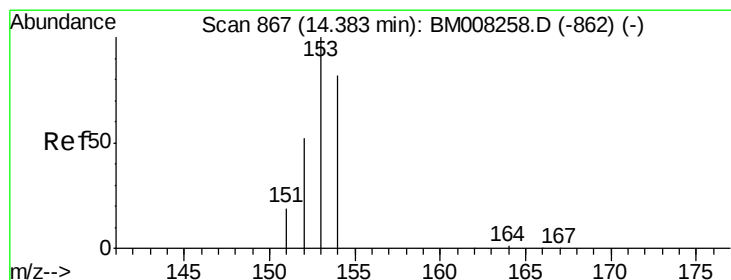
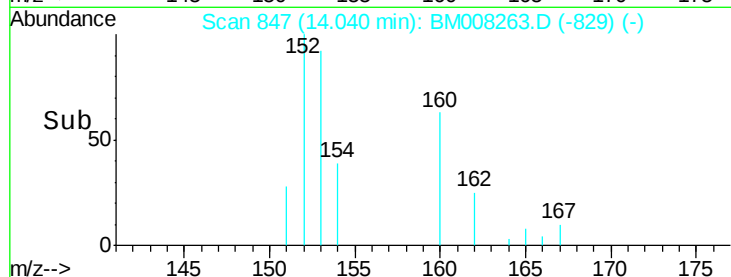
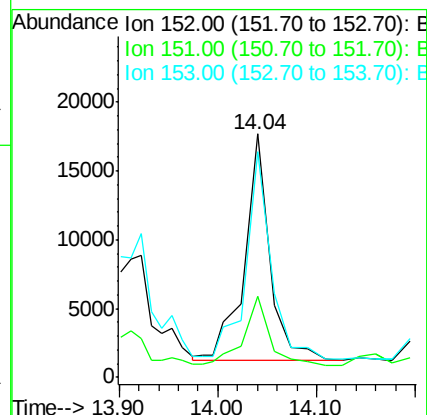
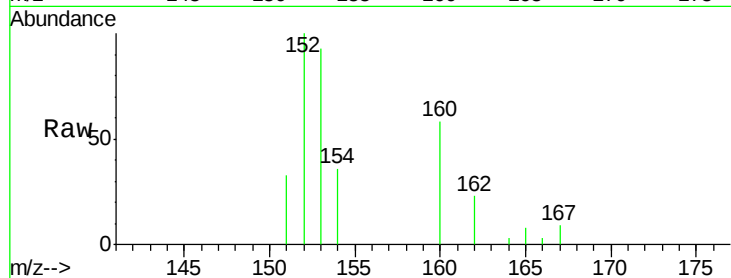
Tgt Ion:152 Resp: 27044

Ion Ratio Lower Upper

152 100

151 33.2 17.1 25.7#

153 92.7 12.8 19.2#



#8

Acenaphthene

Concen: 4.10 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

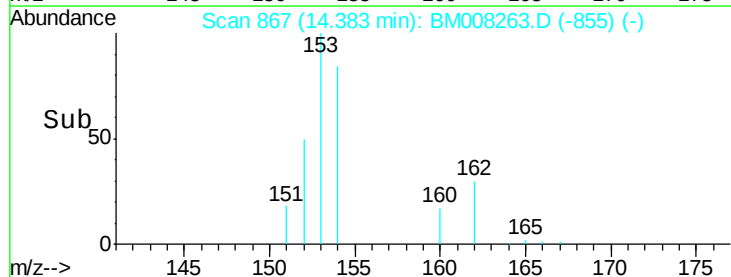
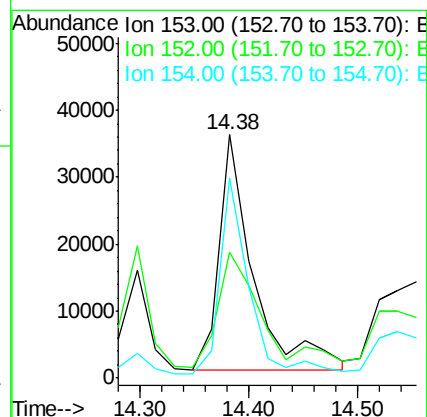
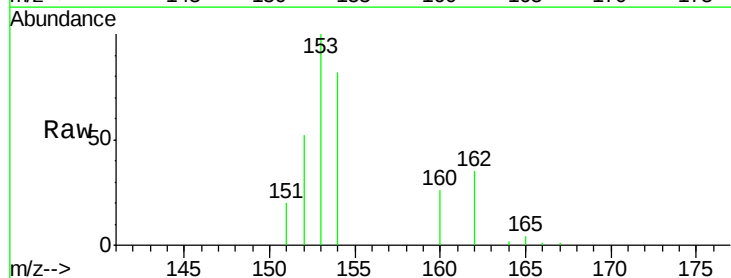
Tgt Ion:153 Resp: 76408

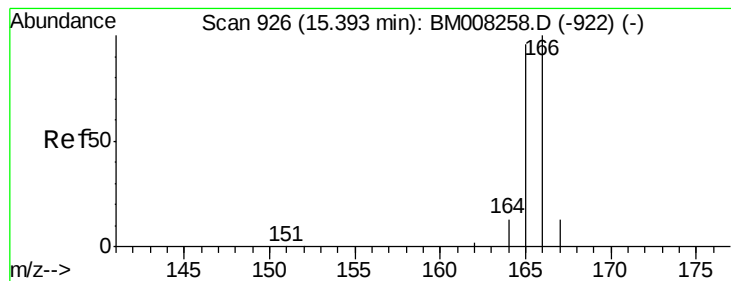
Ion Ratio Lower Upper

153 100

152 51.8 40.3 60.5

154 82.1 71.4 107.2





#9

Fluorene

Concen: 8.05 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

Instrument :

BNA_M

ClientSampleId :

DA818RE

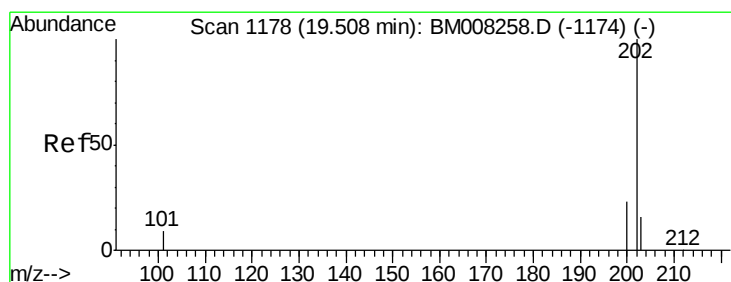
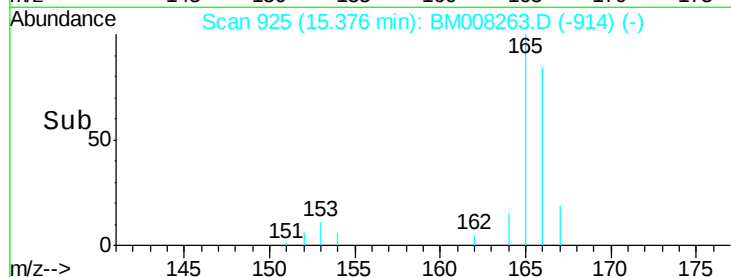
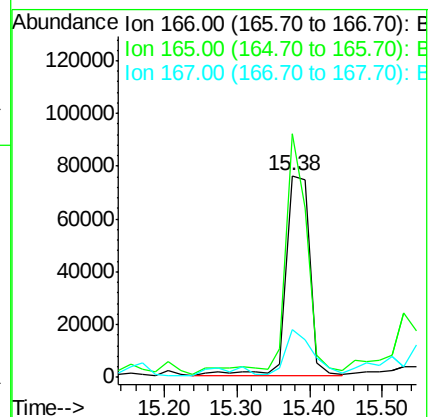
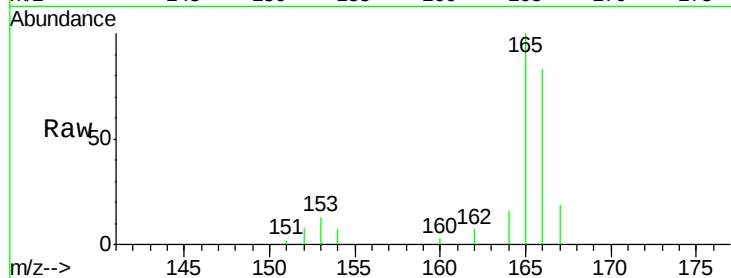
Tgt Ion:166 Resp: 172440

Ion Ratio Lower Upper

166 100

165 120.5 73.4 110.2#

167 23.5 14.6 22.0#



#17

Pyrene

Concen: 1.18 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

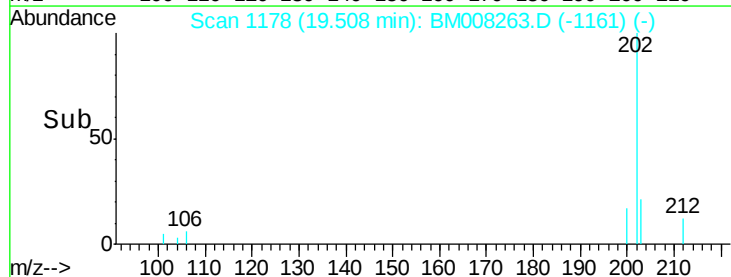
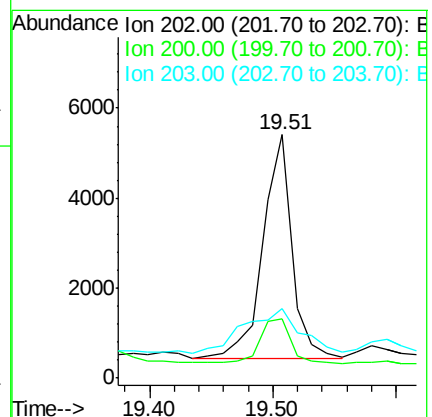
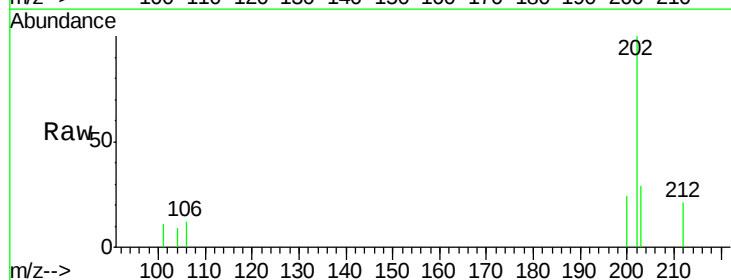
Tgt Ion:202 Resp: 8142

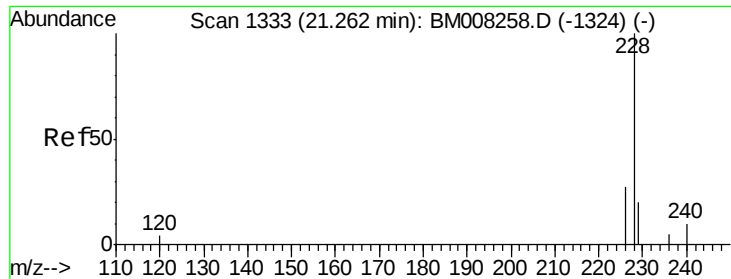
Ion Ratio Lower Upper

202 100

200 24.2 18.2 27.4

203 28.8 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.22 ng/ul

RT: 21.25 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

Instrument :

BNA_M

ClientSampleId :

DA818RE

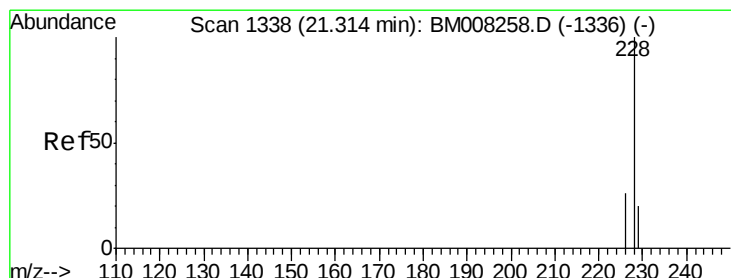
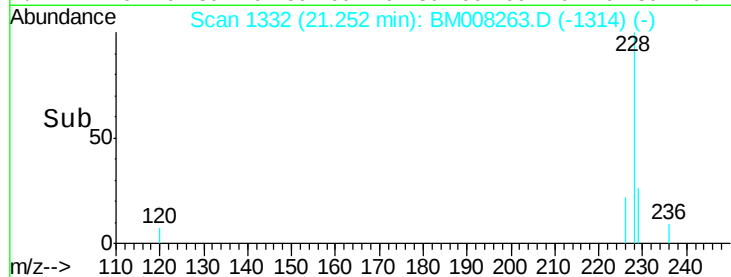
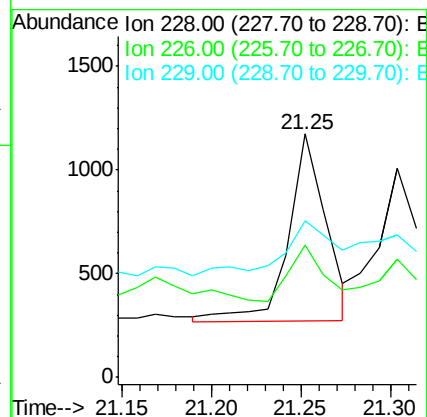
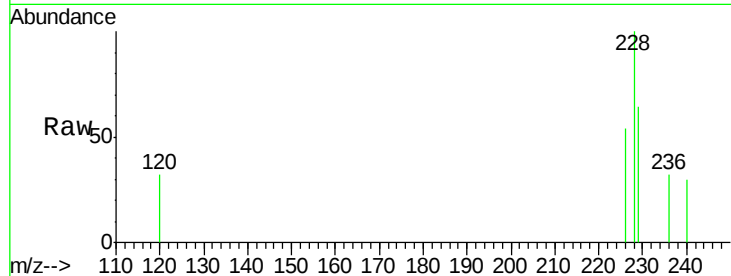
Tgt Ion:228 Resp: 1332

Ion Ratio Lower Upper

228 100

226 54.4 22.8 34.2#

229 64.4 17.0 25.6#



#19

Chrysene

Concen: 0.16 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

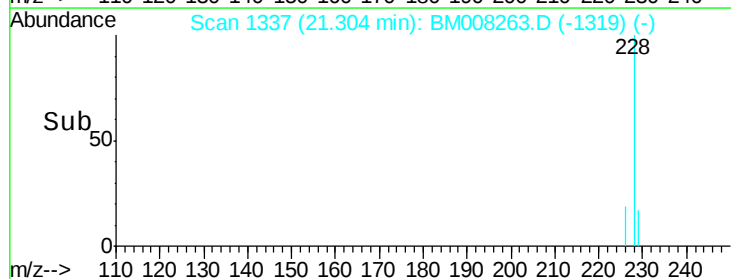
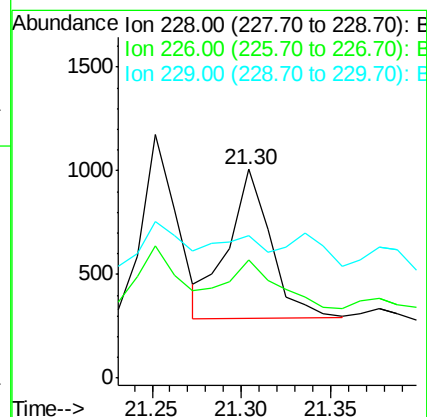
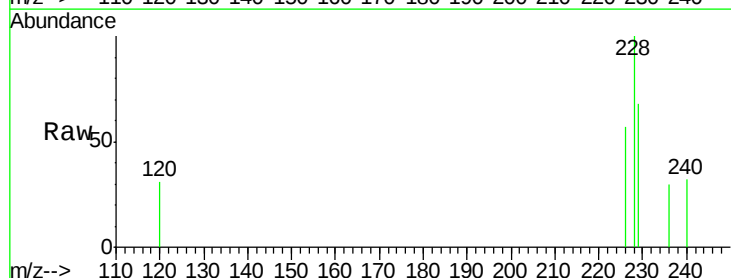
Tgt Ion:228 Resp: 1185

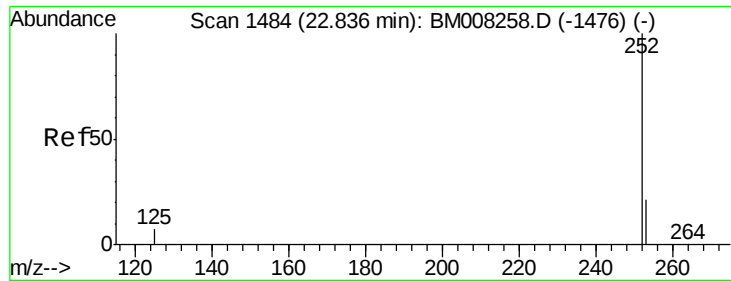
Ion Ratio Lower Upper

228 100

226 56.5 23.4 35.0#

229 68.0 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.13 ng/ul

RT: 22.84 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

Instrument :

BNA_M

ClientSampleId :

DA818RE

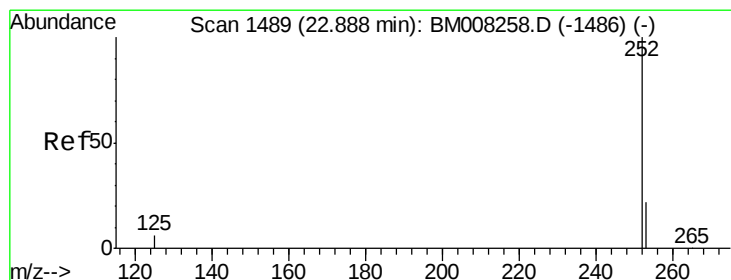
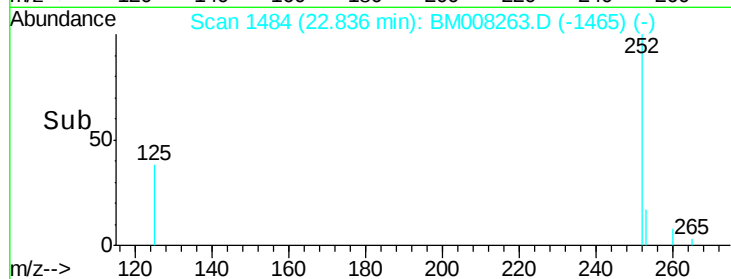
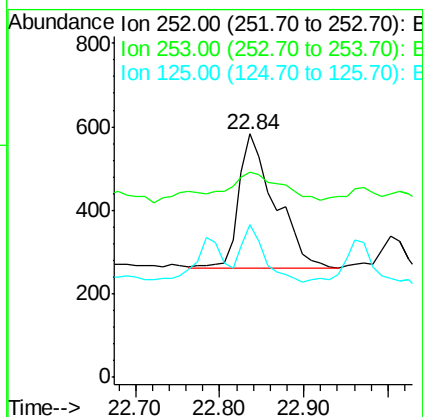
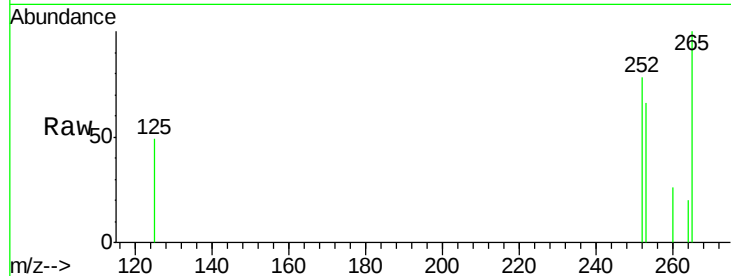
Tgt Ion:252 Resp: 947

Ion Ratio Lower Upper

252 100

253 84.4 0.0 64.2#

125 62.6 0.0 35.0#



#22

Benzo(k)fluoranthene

Concen: 0.13 ng/ul

RT: 22.84 min Scan# 1484

Delta R.T. -0.05 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

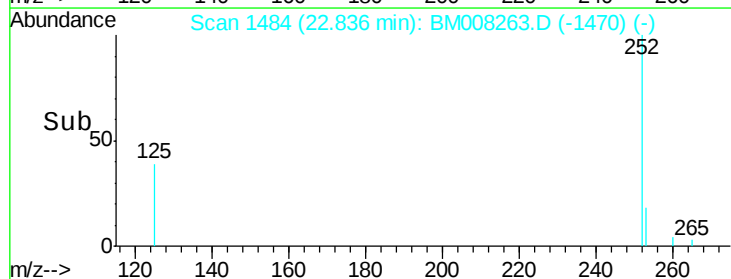
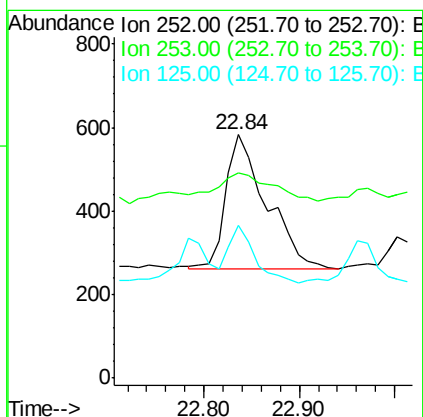
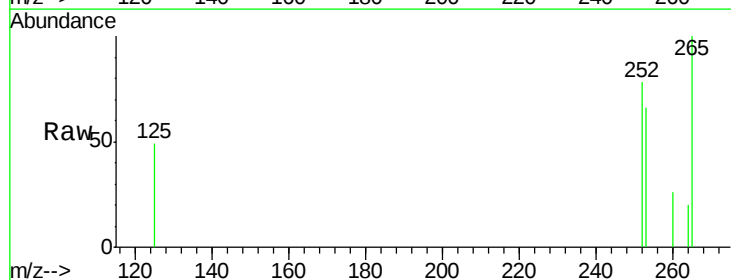
Tgt Ion:252 Resp: 941

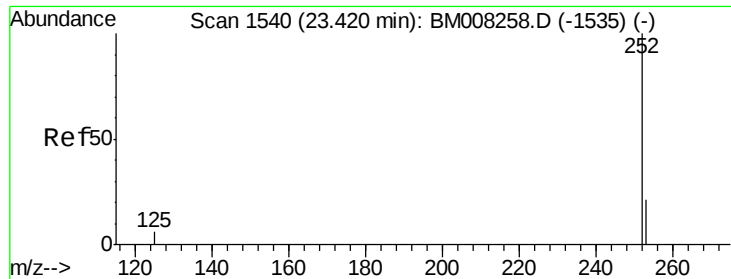
Ion Ratio Lower Upper

252 100

253 84.4 24.5 36.7#

125 62.6 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.08 ng/ul

RT: 23.40 min Scan# 1538

Delta R.T. -0.02 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

Instrument :

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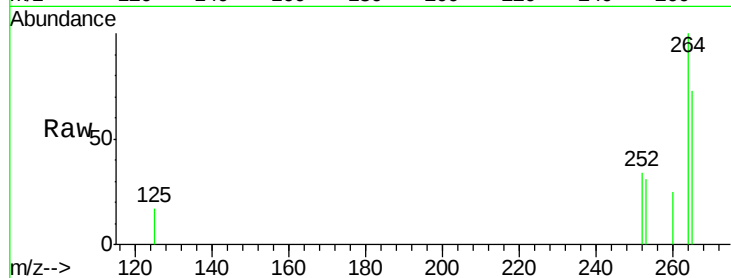
Tgt Ion:252 Resp: 537

Ion Ratio Lower Upper

252 100

253 90.7 28.5 42.7#

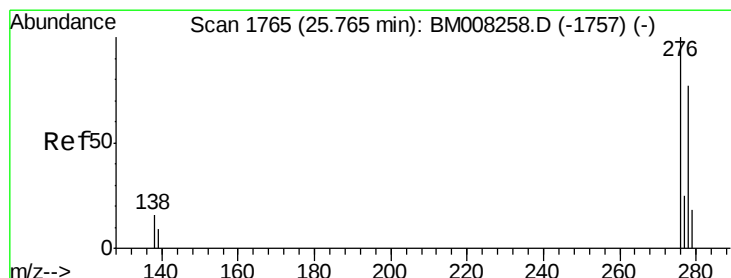
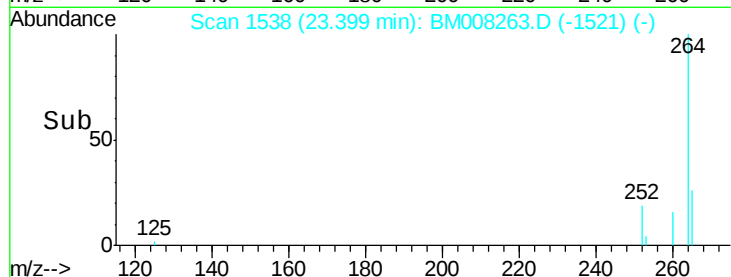
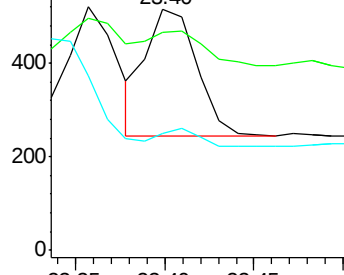
125 48.7 18.1 27.1#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng/ul

RT: 25.76 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

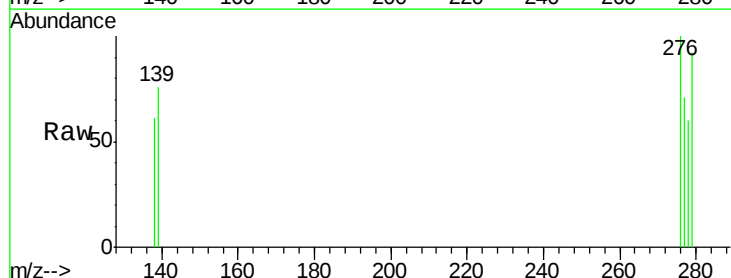
Tgt Ion:276 Resp: 260

Ion Ratio Lower Upper

276 100

138 29.2 19.1 28.7#

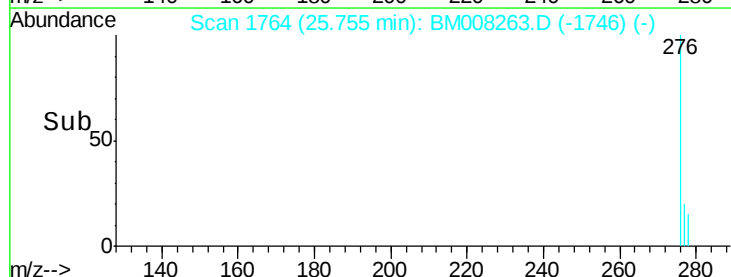
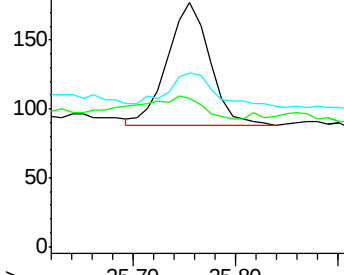
277 32.3 19.6 29.4#

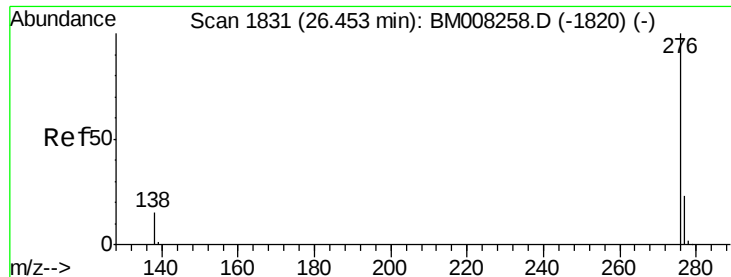


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.03 ng/ul

RT: 26.44 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BM008263.D

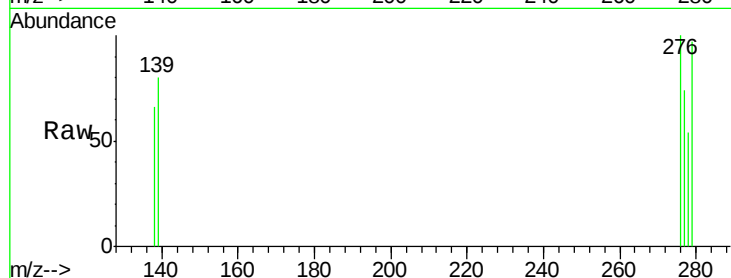
Acq: 12 Dec 2016 14:56

Instrument :

BNA_M

ClientSampleId :

DA818RE



Tgt Ion: 276 Resp: 248

Ion Ratio Lower Upper

276 100

277 74.0 21.8 32.8#

138 66.2 20.5 30.7#

