

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122316\
 Data File : BM008610.D
 Acq On : 23 Dec 2016 23:53
 Operator : UM/SJ
 Sample : H5995-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA868

Quant Time: Dec 24 00:32:59 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 23:37:39 2016
 Response via : Initial Calibration

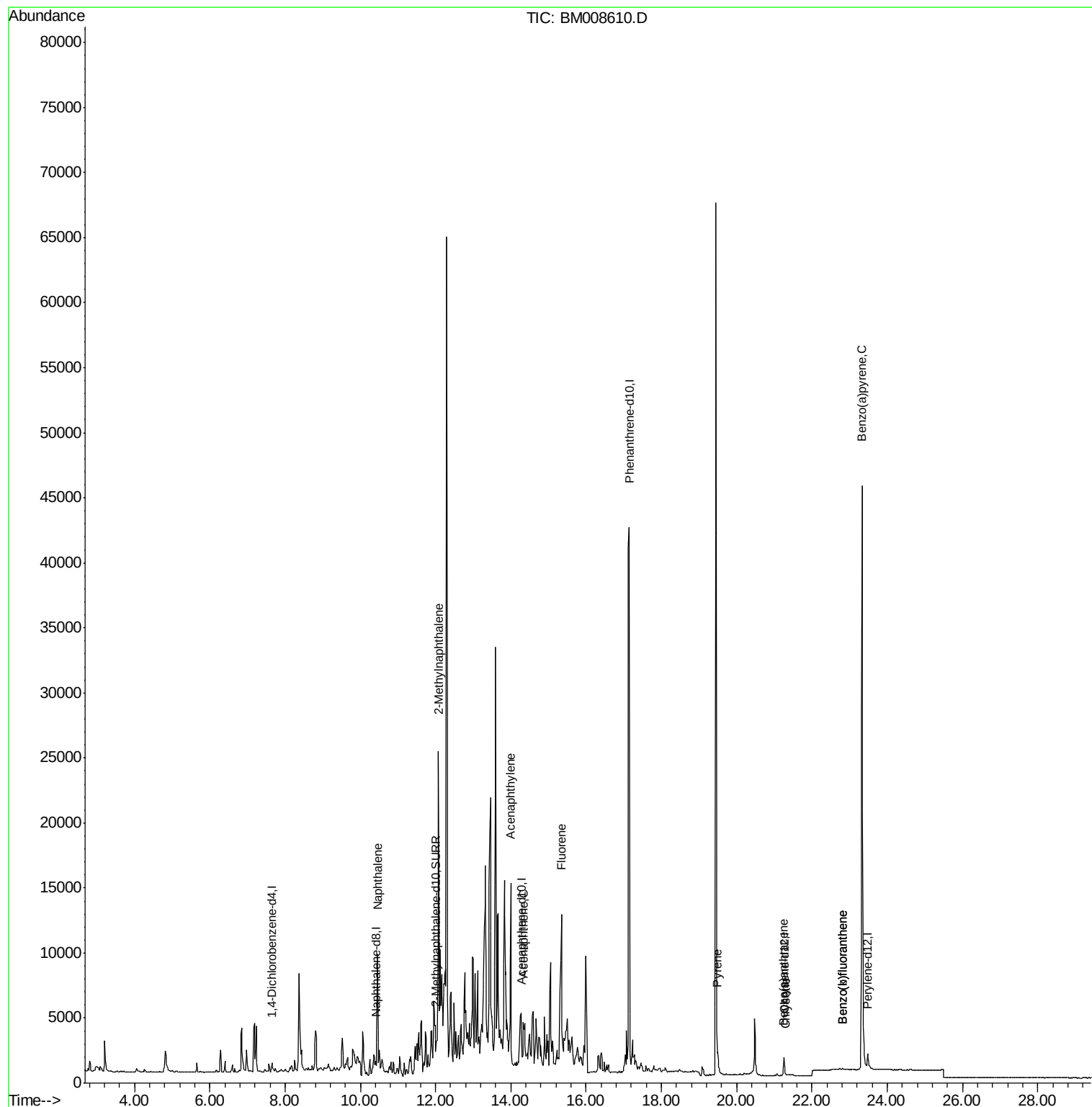
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	457	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	1485	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.28	164	1181	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	75792	0.40	ng/ul	0.05
16) Chrysene-d12	21.26	240	1805	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	2131	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	531	0.23	ng/ul	-0.09
14) Fluoranthene-d10	19.08	212	783	0.00	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	15731	3.77	ng/ul	96
5) 2-Methylnaphthalene	12.08	142	18730	6.66	ng/ul	98
7) Acenaphthylene	14.00	152	1731	0.32	ng/ul#	7
8) Acenaphthene	14.33	153	3450	0.86	ng/ul	85
9) Fluorene	15.34	166	8506	1.85	ng/ul	96
17) Pyrene	19.47	202	744	0.11	ng/ul#	65
18) Benzo(a)anthracene	21.24	228	134	0.02	ng/ul#	20
19) Chrysene	21.29	228	163	0.03	ng/ul#	30
21) Benzo(b)fluoranthene	22.82	252	206	0.02	ng/ul#	1
22) Benzo(k)fluoranthene	22.82	252	206	0.03	ng/ul#	1
23) Benzo(a)pyrene	23.33	252	400	0.05	ng/ul#	14

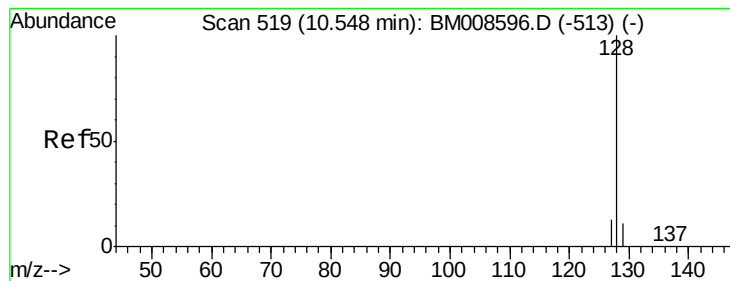
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.77 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.08 min

Lab File: BM008610.D

Acq: 23 Dec 2016 23:53

Instrument :

BNA_M

ClientSampleId :

DA868

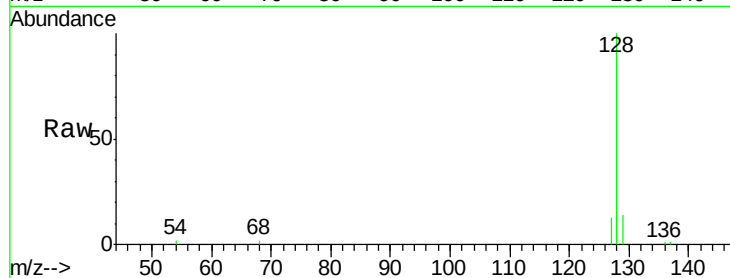
Tgt Ion:128 Resp: 15731

Ion Ratio Lower Upper

128 100

129 13.8 11.3 16.9

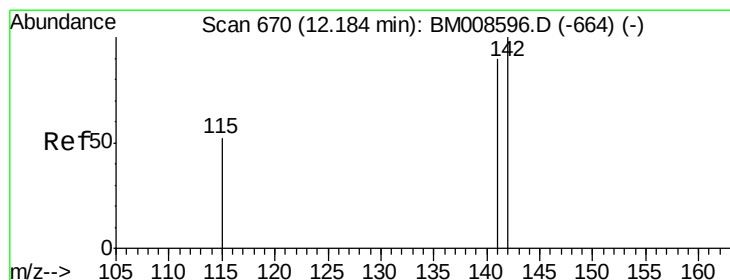
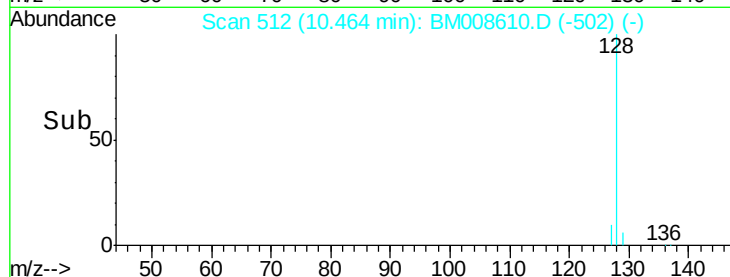
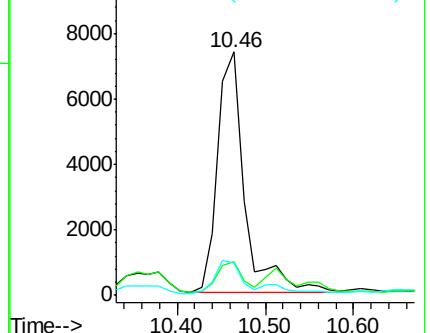
127 13.4 12.8 19.2



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: 6.66 ng/ul

RT: 12.08 min Scan# 660

Delta R.T. -0.10 min

Lab File: BM008610.D

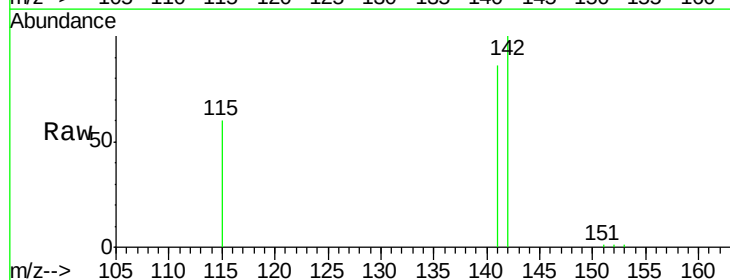
Acq: 23 Dec 2016 23:53

Tgt Ion:142 Resp: 18730

Ion Ratio Lower Upper

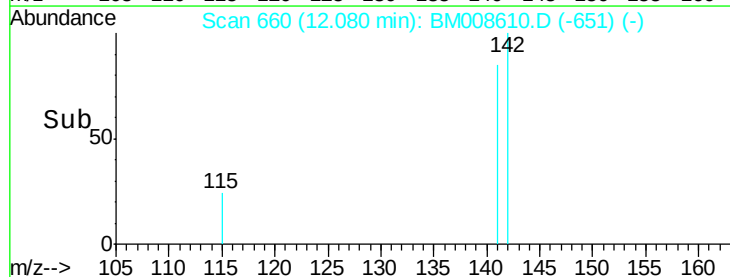
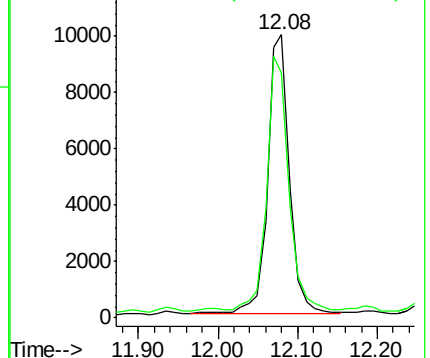
142 100

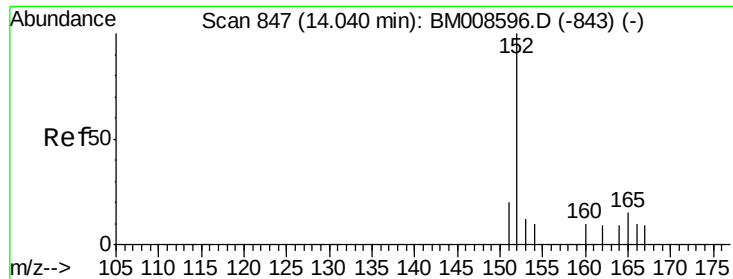
141 92.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.32 ng/ul

RT: 14.00 min Scan# 844

Delta R.T. -0.04 min

Lab File: BM008610.D

Acq: 23 Dec 2016 23:53

Instrument :

BNA_M

ClientSampleId :

DA868

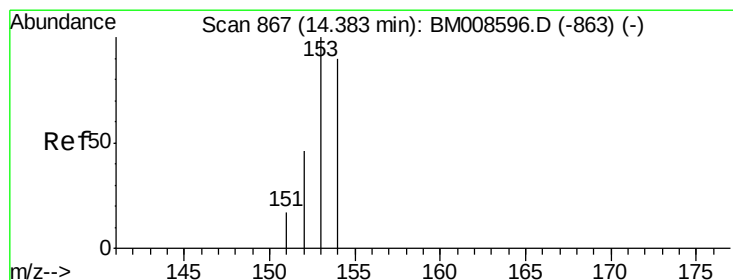
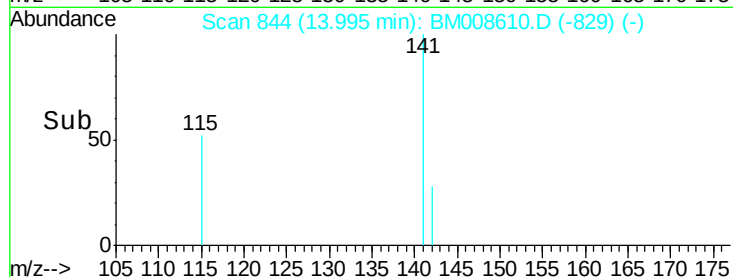
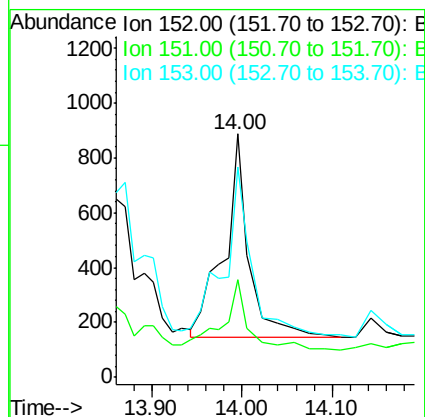
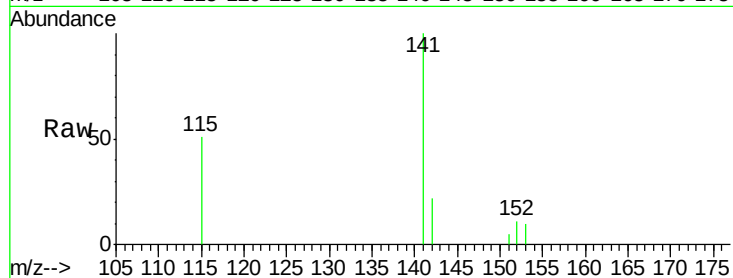
Tgt Ion:152 Resp: 1731

Ion Ratio Lower Upper

152 100

151 39.9 17.1 25.7#

153 86.4 12.8 19.2#



#8

Acenaphthene

Concen: 0.86 ng/ul

RT: 14.33 min Scan# 864

Delta R.T. -0.05 min

Lab File: BM008610.D

Acq: 23 Dec 2016 23:53

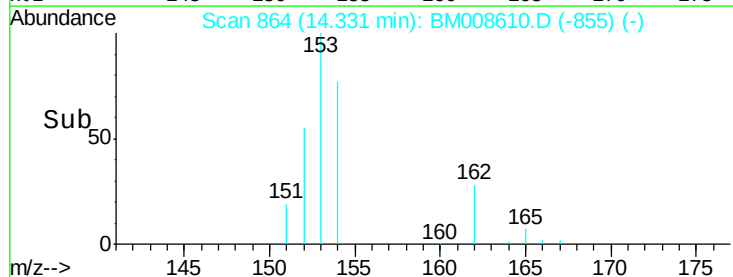
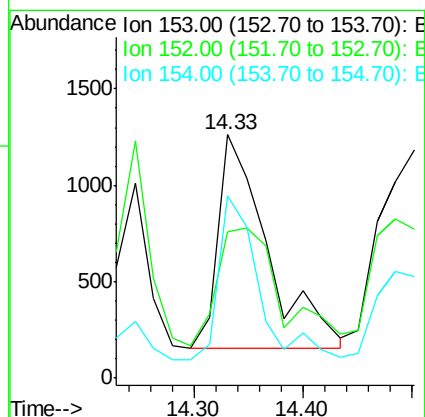
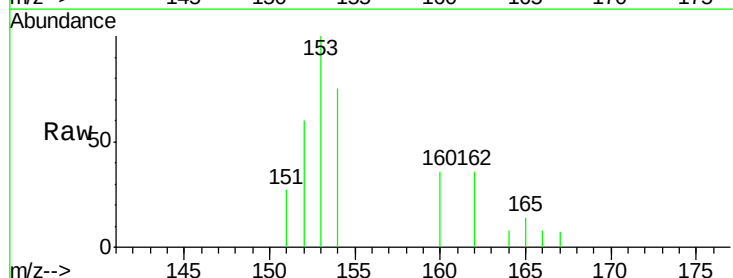
Tgt Ion:153 Resp: 3450

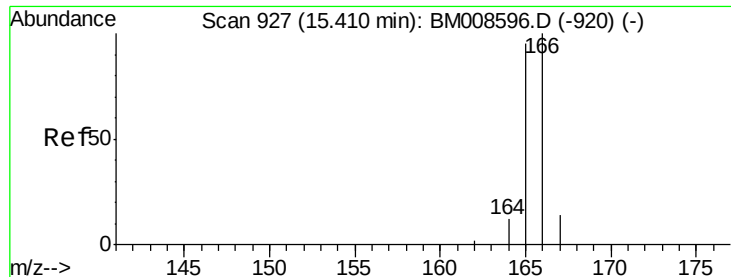
Ion Ratio Lower Upper

153 100

152 60.1 40.3 60.5

154 75.0 71.4 107.2





#9

Fluorene

Concen: 1.85 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.07 min

Lab File: BM008610.D

Acq: 23 Dec 2016 23:53

Instrument :

BNA_M

ClientSampleId :

DA868

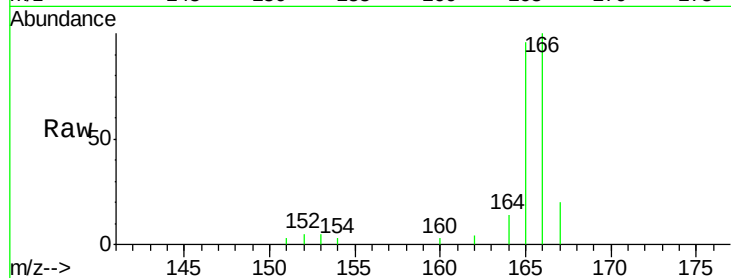
Tgt Ion:166 Resp: 8506

Ion Ratio Lower Upper

166 100

165 95.9 73.4 110.2

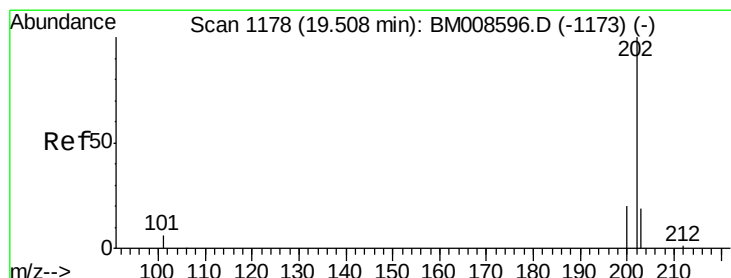
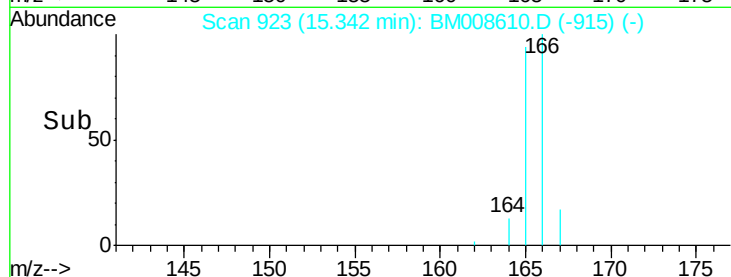
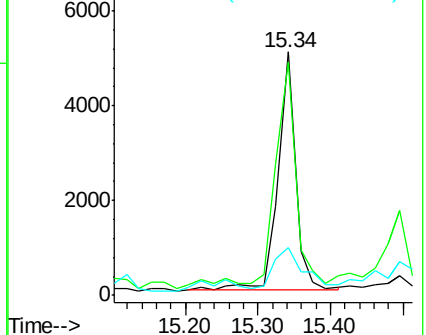
167 19.8 14.6 22.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#17

Pyrene

Concen: 0.11 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. -0.04 min

Lab File: BM008610.D

Acq: 23 Dec 2016 23:53

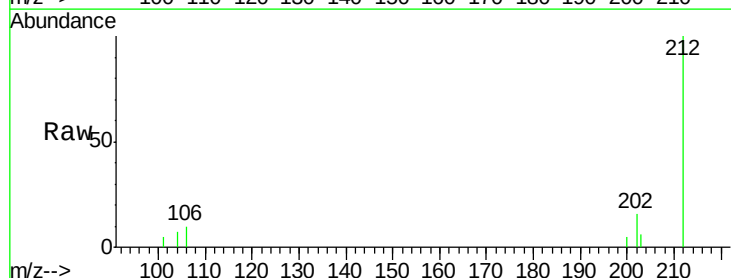
Tgt Ion:202 Resp: 744

Ion Ratio Lower Upper

202 100

200 34.2 18.2 27.4#

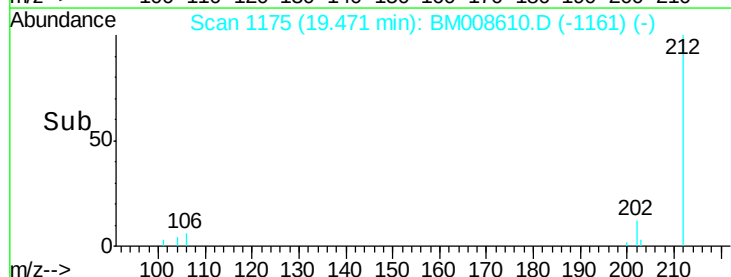
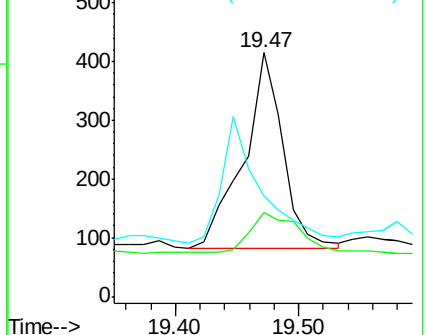
203 41.4 15.6 23.4#

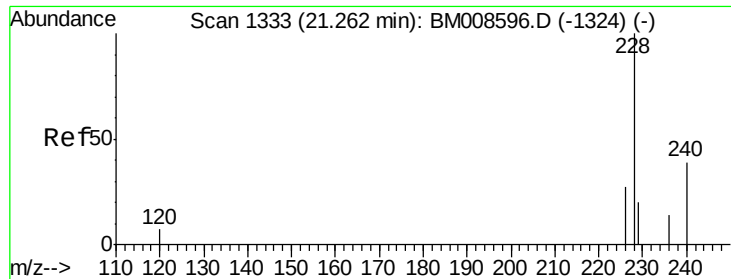


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.02 ng/ul

RT: 21.24 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BM008610.D

Acq: 23 Dec 2016 23:53

Instrument :

BNA_M

ClientSampleId :

DA868

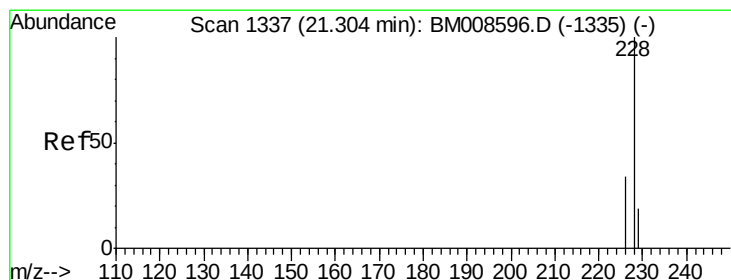
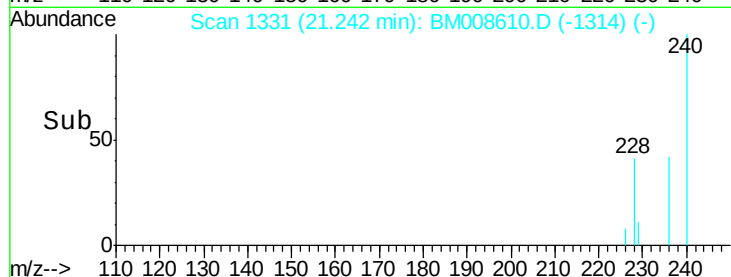
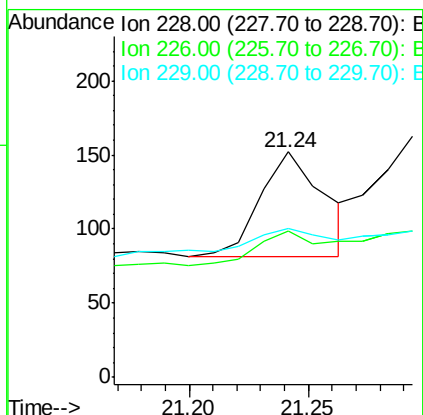
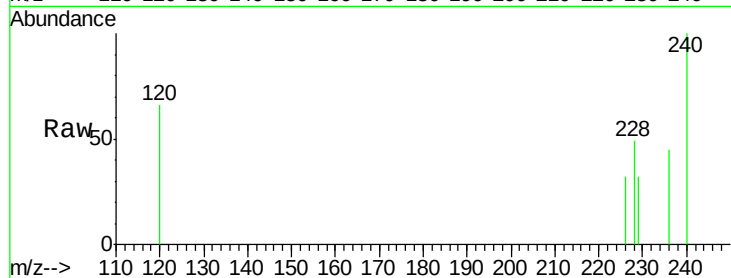
Tgt Ion:228 Resp: 134

Ion Ratio Lower Upper

228 100

226 65.1 22.8 34.2#

229 65.8 17.0 25.6#



#19

Chrysene

Concen: 0.03 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BM008610.D

Acq: 23 Dec 2016 23:53

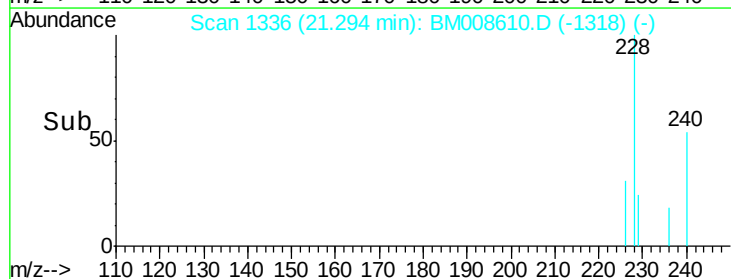
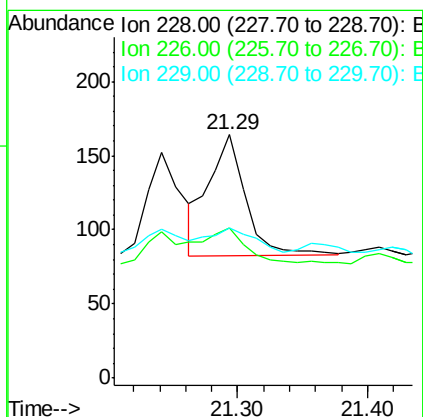
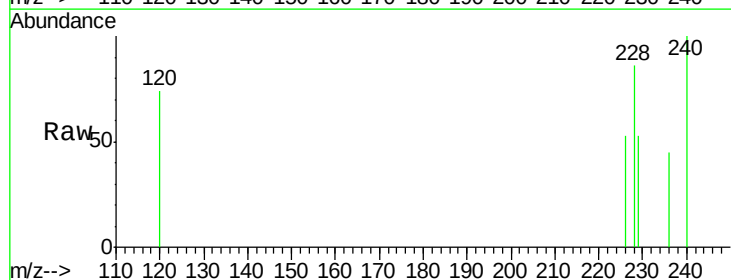
Tgt Ion:228 Resp: 163

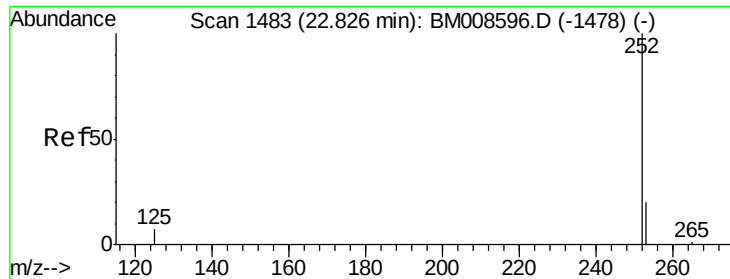
Ion Ratio Lower Upper

228 100

226 61.6 23.4 35.0#

229 61.6 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BM008610.D

Acq: 23 Dec 2016 23:53

Instrument :

BNA_M

ClientSampleId :

DA868

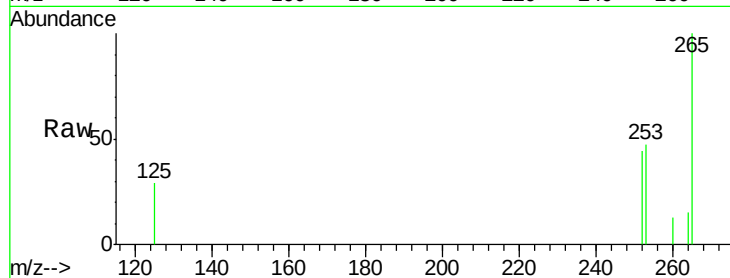
Tgt Ion:252 Resp: 206

Ion Ratio Lower Upper

252 100

253 107.1 0.0 64.2#

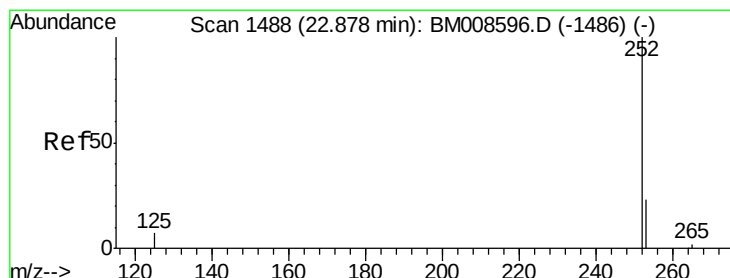
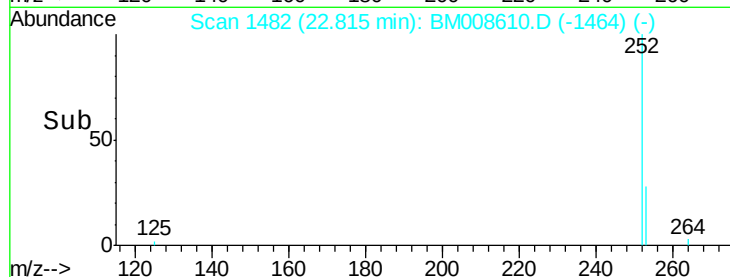
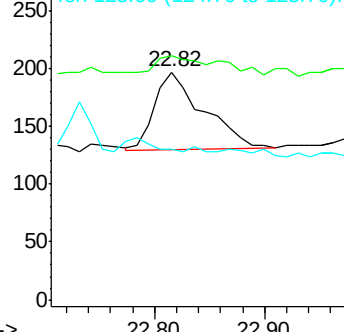
125 66.0 0.0 35.0#



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: 0.03 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.06 min

Lab File: BM008610.D

Acq: 23 Dec 2016 23:53

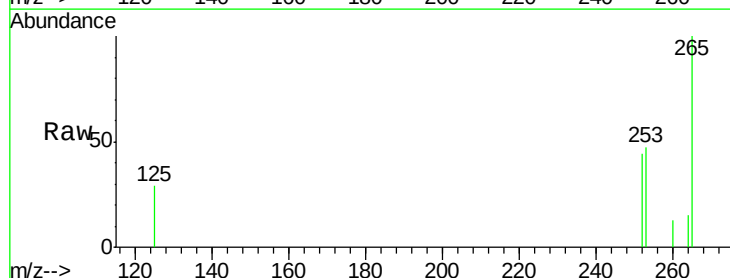
Tgt Ion:252 Resp: 206

Ion Ratio Lower Upper

252 100

253 107.1 24.5 36.7#

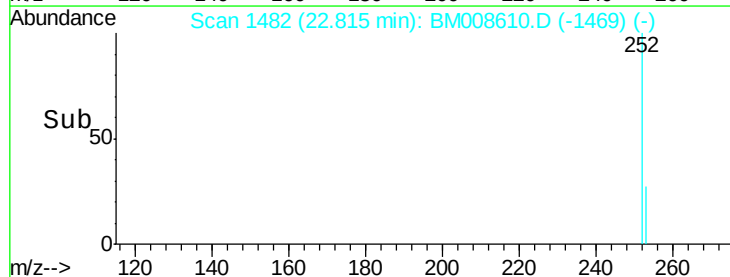
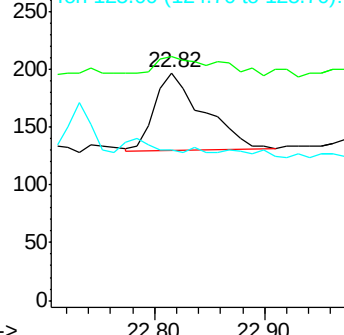
125 66.0 13.7 20.5#

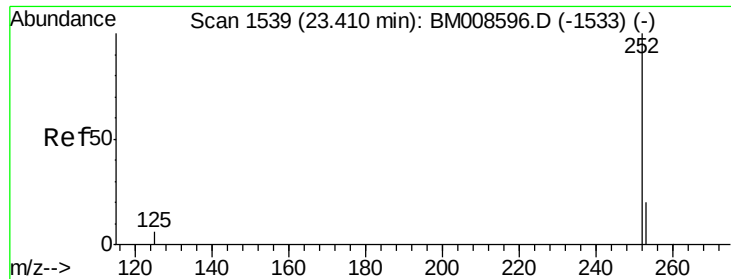


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 23.33 min Scan# 1531

Delta R.T. -0.08 min

Lab File: BM008610.D

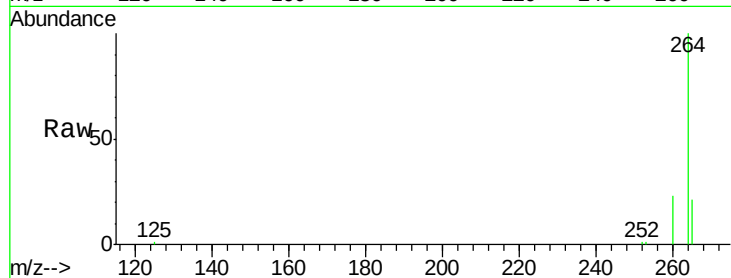
Acq: 23 Dec 2016 23:53

Instrument :

BNA_M

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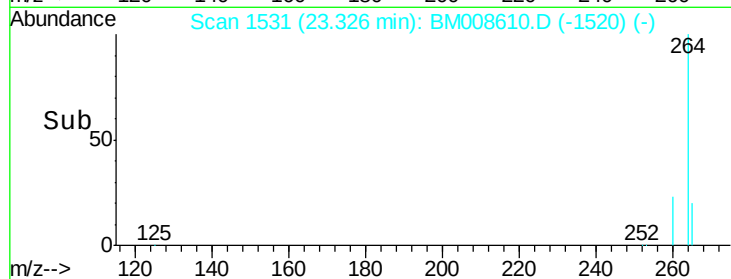
Tgt Ion: 252 Resp: 400

Ion Ratio Lower Upper

252 100

253 86.2 28.5 42.7#

125 63.1 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

