

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122016\
 Data File : BM008502.D
 Acq On : 21 Dec 2016 04:52
 Operator : UM/SJ
 Sample : H6106-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7J4

Quant Time: Dec 21 06:46:29 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 02:43:00 2016
 Response via : Initial Calibration

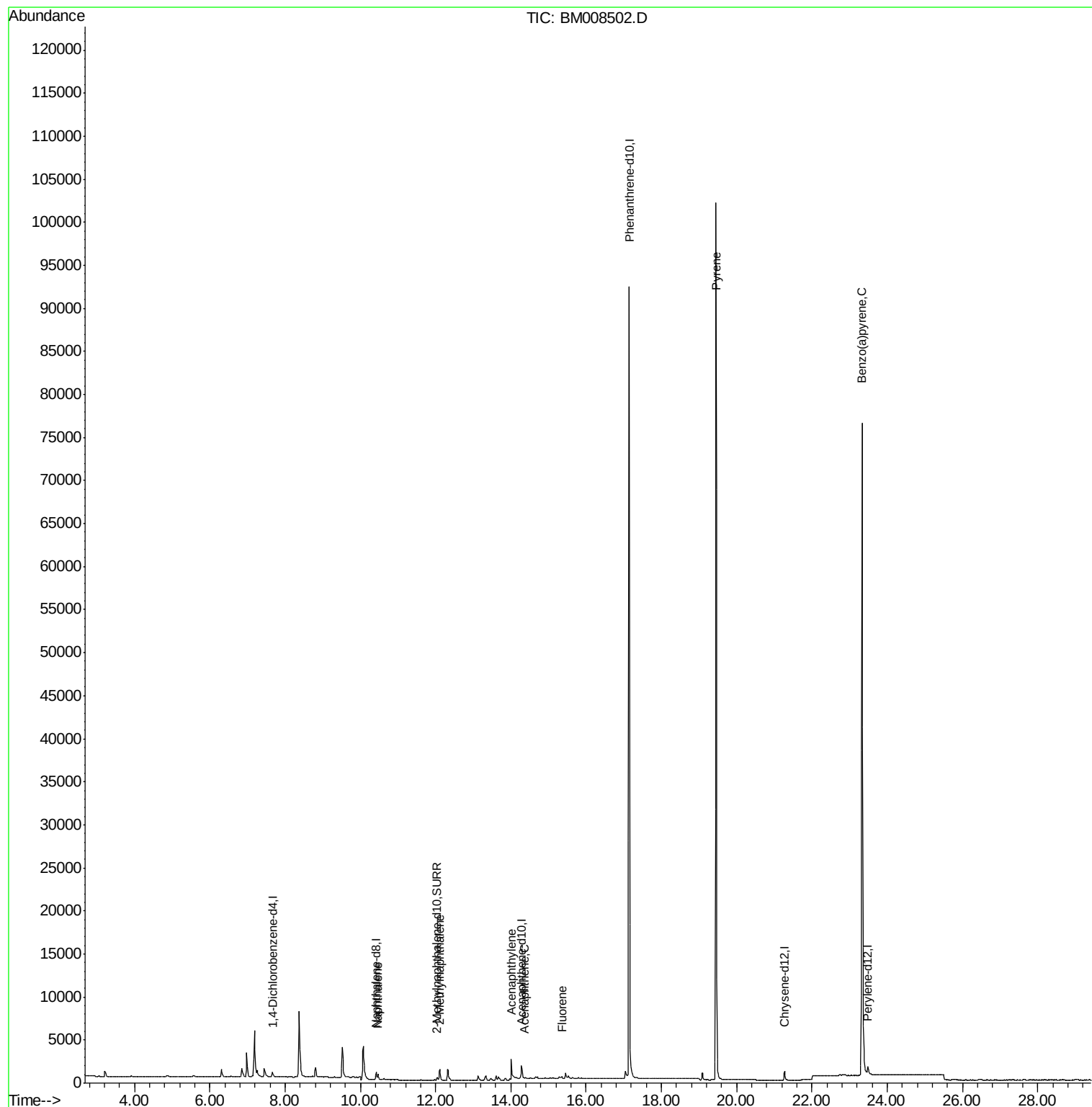
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	376	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.43	136	1209	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	772	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	123217	0.40	ng/ul	0.07
16) Chrysene-d12	21.27	240	1344	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	1832	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	571	0.31	ng/ul	-0.04
14) Fluoranthene-d10	19.10	212	1283	0.00	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.48	128	1089	0.32	ng/ul#	88
5) 2-Methylnaphthalene	12.11	142	1222	0.53	ng/ul	100
7) Acenaphthylene	14.01	152	90	0.03	ng/ul#	1
8) Acenaphthene	14.35	153	81	0.03	ng/ul#	77
9) Fluorene	15.36	166	237	0.08	ng/ul#	85
17) Pyrene	19.45	202	282	0.05	ng/ul#	1
23) Benzo(a)pyrene	23.33	252	581	0.09	ng/ul#	41

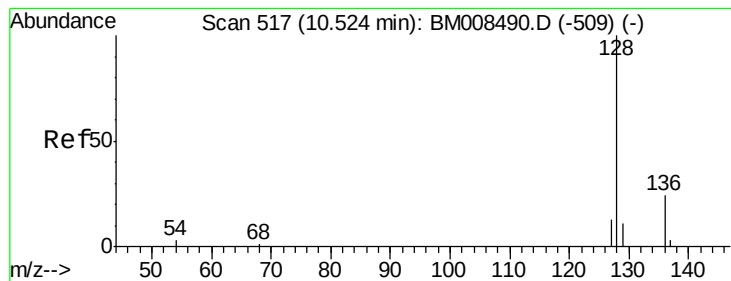
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.32 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.05 min

Lab File: BM008502.D

Acq: 21 Dec 2016 04:52

Instrument :

BNA_M

ClientSampleId :

DA7J4

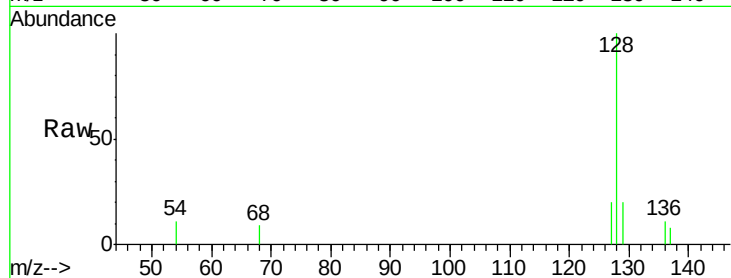
Tgt Ion:128 Resp: 1089

Ion Ratio Lower Upper

128 100

129 20.2 11.3 16.9#

127 20.0 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

10.48

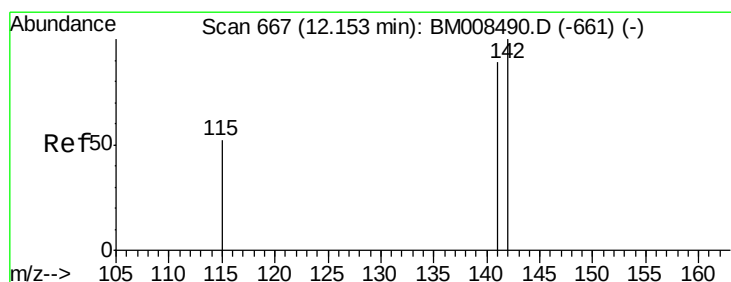
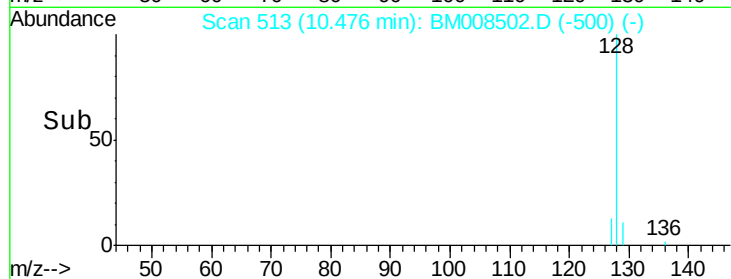
600

400

200

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.53 ng/ul

RT: 12.11 min Scan# 663

Delta R.T. -0.04 min

Lab File: BM008502.D

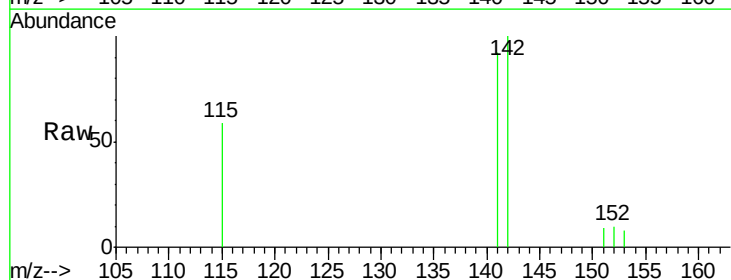
Acq: 21 Dec 2016 04:52

Tgt Ion:142 Resp: 1222

Ion Ratio Lower Upper

142 100

141 90.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

12.11

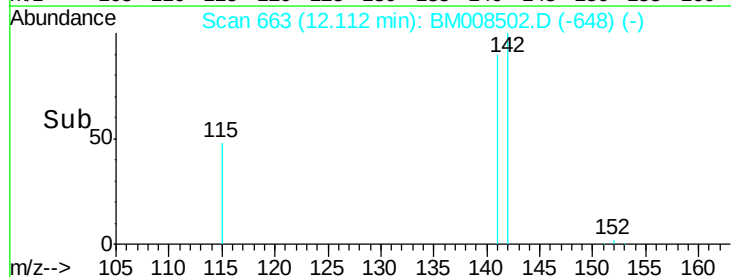
600

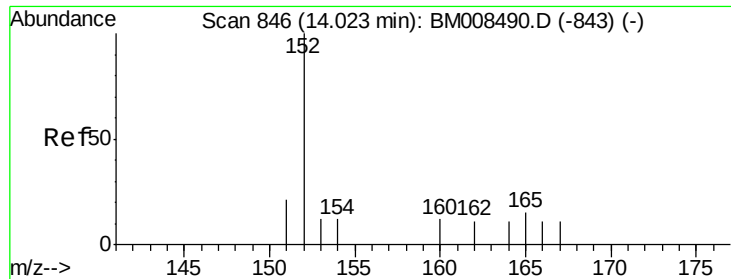
400

200

0

Time-->





#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.02 min

Lab File: BM008502.D

Acq: 21 Dec 2016 04:52

Instrument :

BNA_M

ClientSampleId :

DA7J4

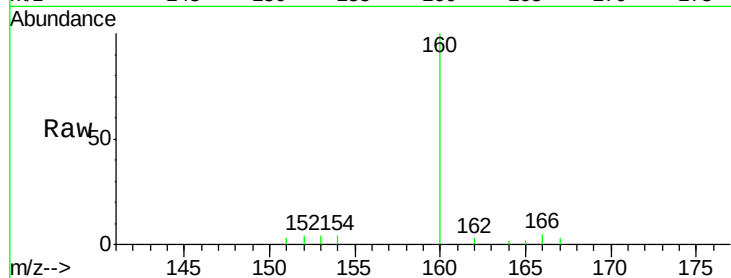
Tgt Ion:152 Resp: 90

Ion Ratio Lower Upper

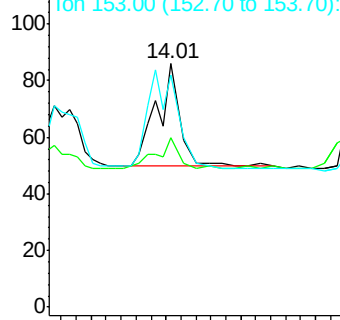
152 100

151 69.8 17.1 25.7#

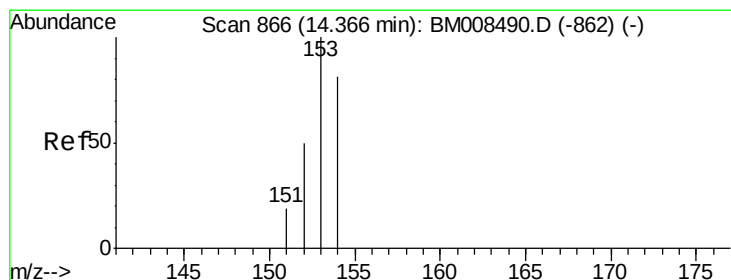
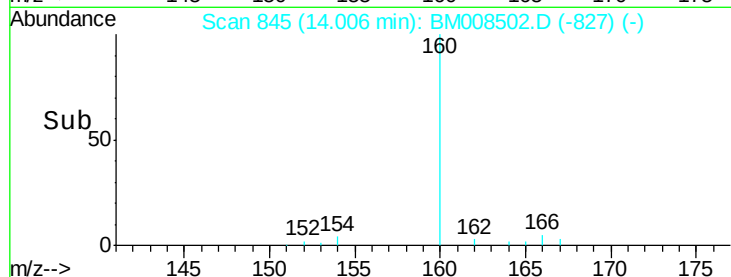
153 95.3 12.8 19.2#



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



Time-->



#8

Acenaphthene

Concen: 0.03 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.02 min

Lab File: BM008502.D

Acq: 21 Dec 2016 04:52

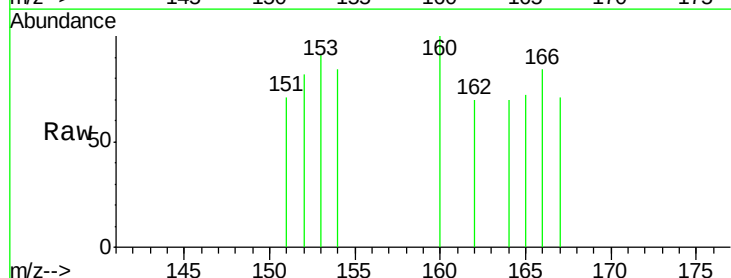
Tgt Ion:153 Resp: 81

Ion Ratio Lower Upper

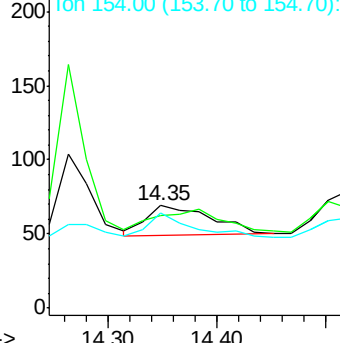
153 100

152 89.9 40.3 60.5#

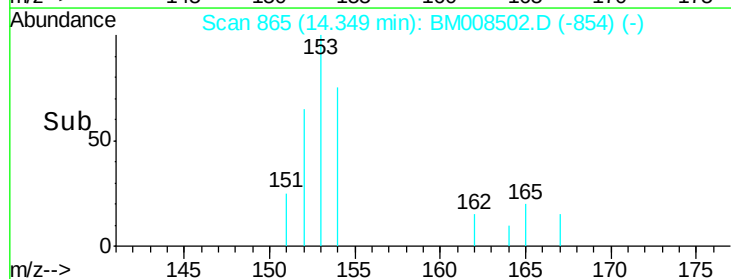
154 92.8 71.4 107.2

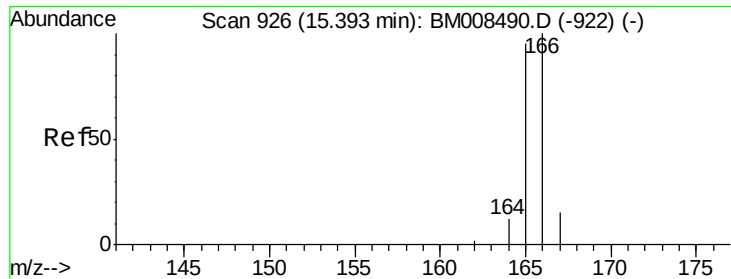


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.08 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.03 min

Lab File: BM008502.D

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Instrument :

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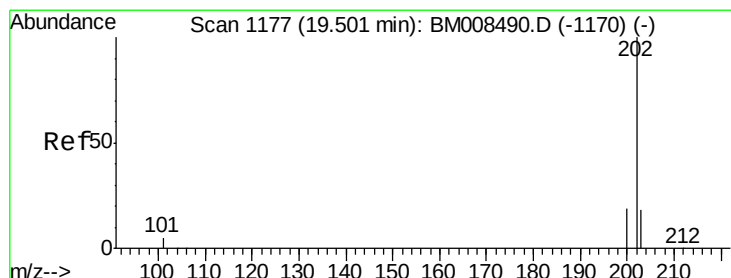
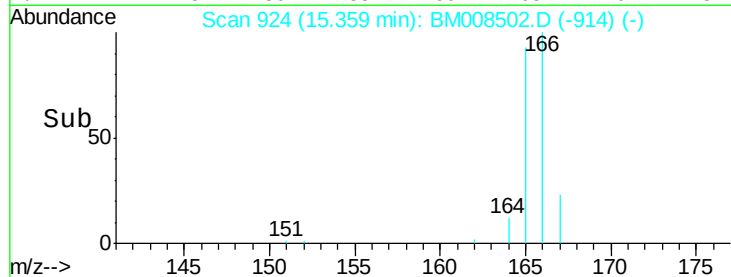
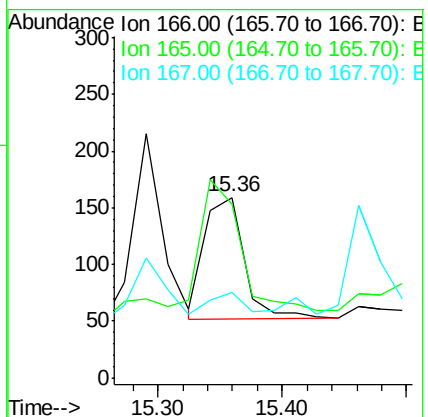
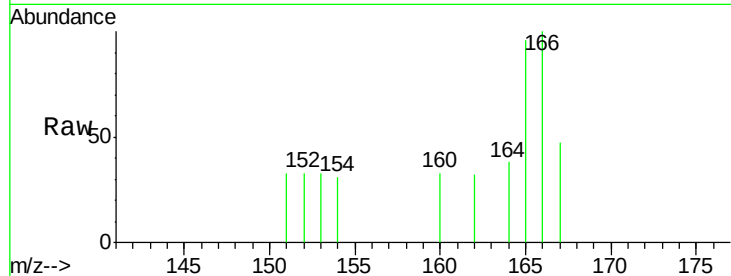
Tgt Ion:166 Resp: 237

Ion Ratio Lower Upper

166 100

165 96.2 73.4 110.2

167 47.2 14.6 22.0#



#17

Pyrene

Concen: 0.05 ng/ul

RT: 19.45 min Scan# 1173

Delta R.T. -0.05 min

Lab File: BM008502.D

Acq: 21 Dec 2016 04:52

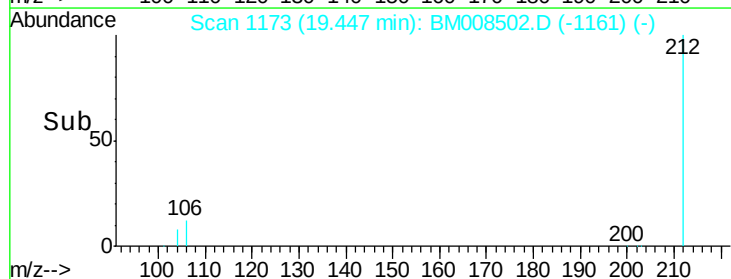
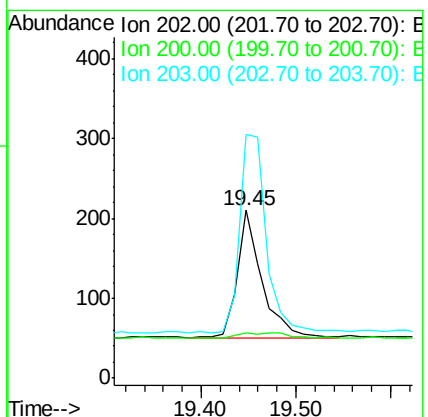
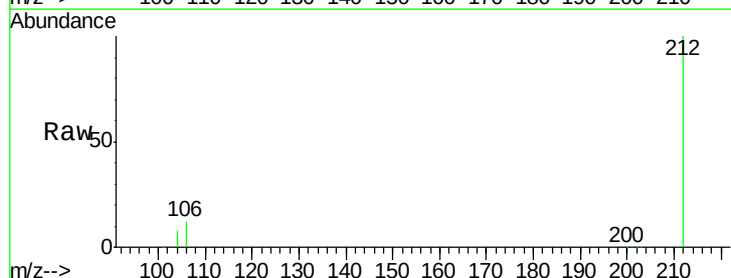
Tgt Ion:202 Resp: 282

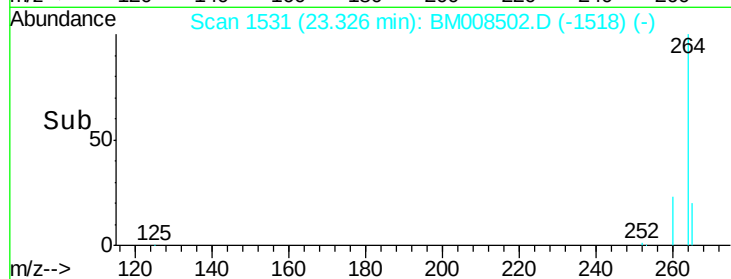
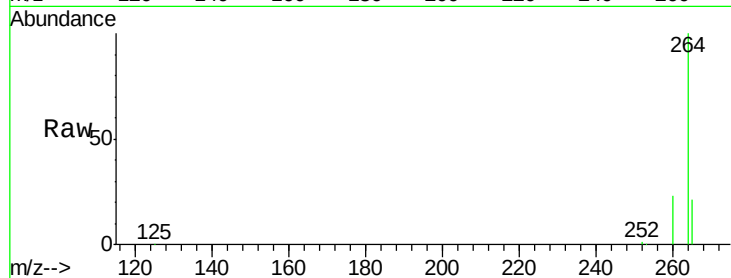
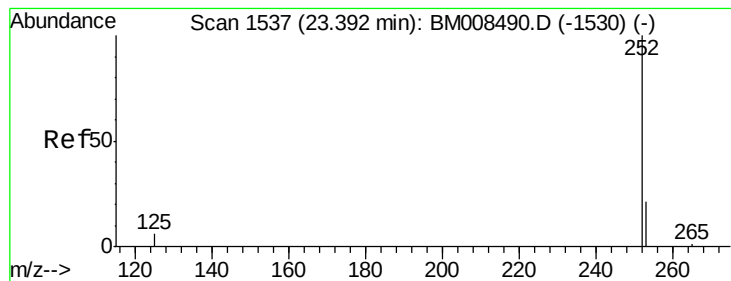
Ion Ratio Lower Upper

202 100

200 26.7 18.2 27.4

203 145.2 15.6 23.4#





#23

Benzo(a)pyrene

Concen: 0.09 ng/ul

RT: 23.33 min Scan# 1531

Delta R.T. -0.07 min

Lab File: BM008502.D

Acq: 21 Dec 2016 04:52

Instrument :

BNA_M

ClientSampleId :

DA7J4

Tgt Ion: 252 Resp: 581

Ion Ratio Lower Upper

252 100

253 69.0 28.5 42.7#

125 52.4 18.1 27.1#

