

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
 Data File : BM008453.D
 Acq On : 19 Dec 2016 22:14
 Operator : UM/SJ
 Sample : H5938-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA826

Quant Time: Dec 20 03:44:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 03:40:00 2016
 Response via : Initial Calibration

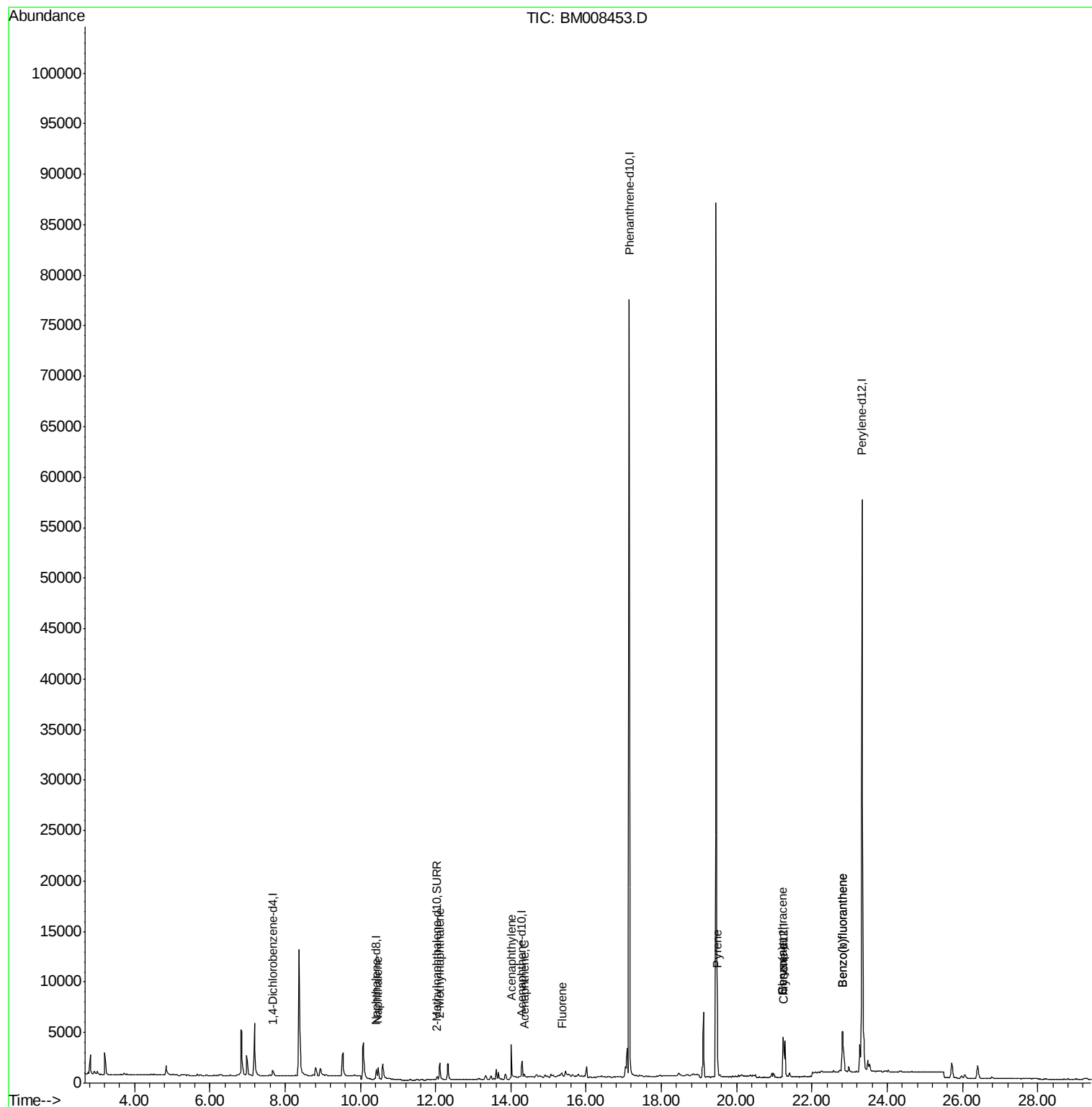
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	433	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.43	136	1484	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	936	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	97394	0.40	ng/ul	0.05
16) Chrysene-d12	21.25	240	1855	0.40	ng/ul	-0.03
20) Perylene-d12	23.33	264	76824	0.40	ng/ul	-0.19
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	527	0.23	ng/ul	-0.06
14) Fluoranthene-d10	19.08	212	1249	0.00	ng/ul	-0.04
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	1793	0.43	ng/ul	95
5) 2-Methylnaphthalene	12.11	142	1467	0.52	ng/ul	98
7) Acenaphthylene	14.01	152	261	0.06	ng/ul#	44
8) Acenaphthene	14.35	153	240	0.08	ng/ul#	86
9) Fluorene	15.36	166	283	0.08	ng/ul#	83
17) Pyrene	19.48	202	6570	0.92	ng/ul	97
18) Benzo(a)anthracene	21.23	228	4436	0.73	ng/ul	94
19) Chrysene	21.23	228	4436	0.67	ng/ul	95
21) Benzo(b)fluoranthene	22.80	252	6266	0.02	ng/ul	90
22) Benzo(k)fluoranthene	22.80	252	9099	0.03	ng/ul#	91

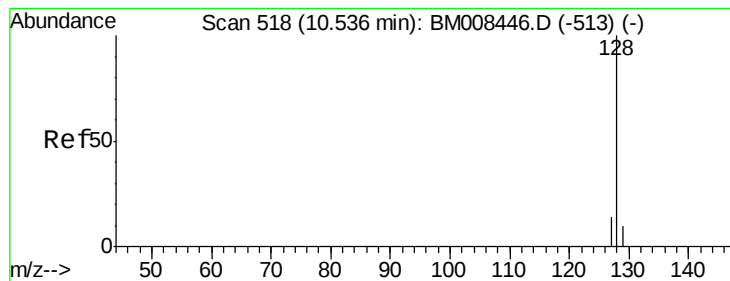
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.43 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

Lab File: BM008453.D

Acq: 19 Dec 2016 22:14

Instrument :

BNA_M

ClientSampleId :

DA826

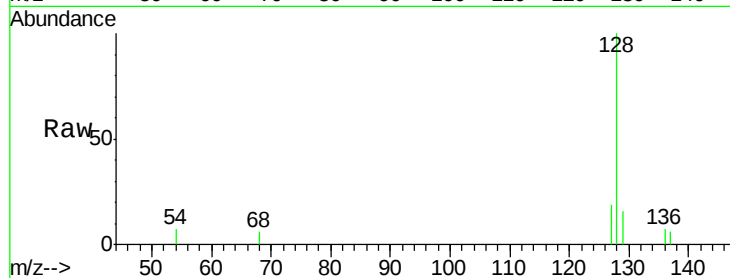
Tgt Ion:128 Resp: 1793

Ion Ratio Lower Upper

128 100

129 15.9 11.3 16.9

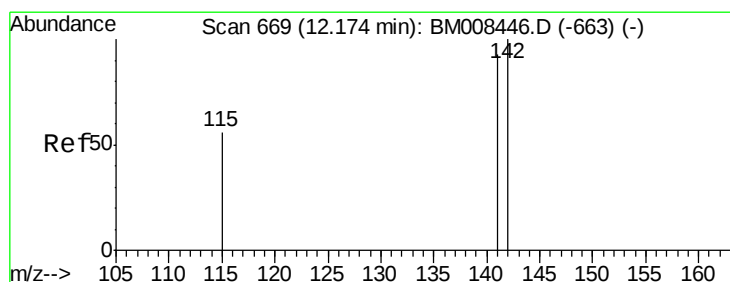
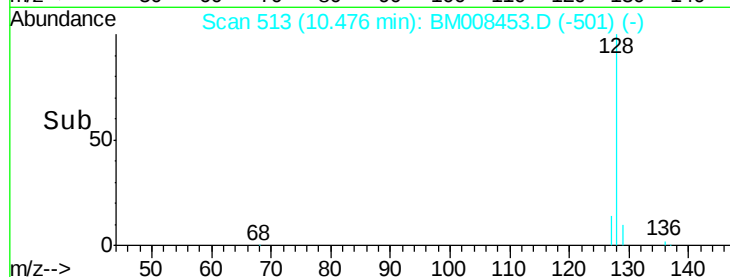
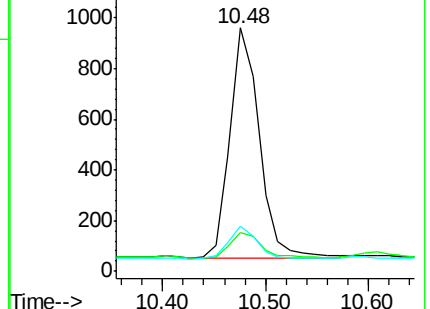
127 18.5 12.8 19.2



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: 0.52 ng/ul

RT: 12.11 min Scan# 663

Delta R.T. -0.06 min

Lab File: BM008453.D

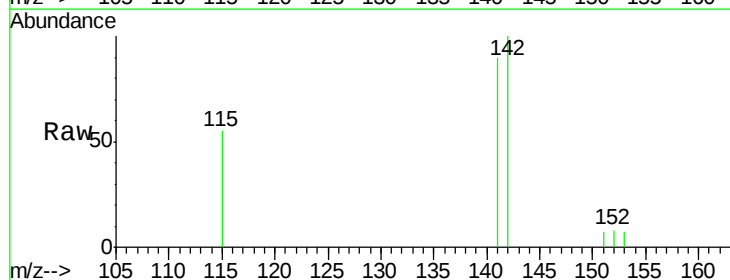
Acq: 19 Dec 2016 22:14

Tgt Ion:142 Resp: 1467

Ion Ratio Lower Upper

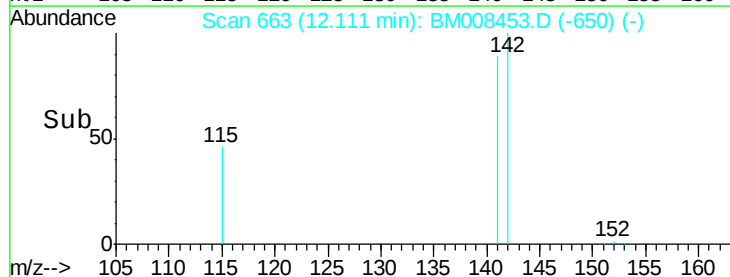
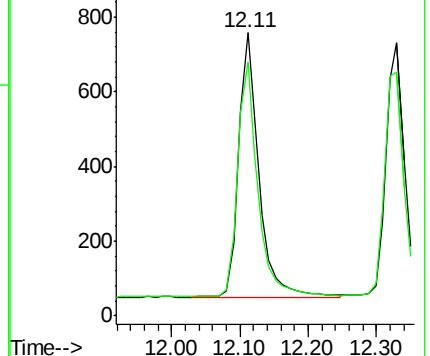
142 100

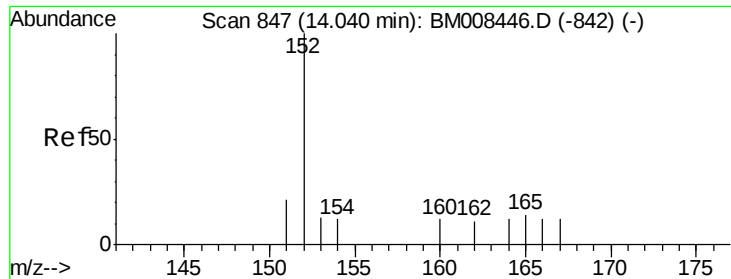
141 88.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.06 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008453.D

Acq: 19 Dec 2016 22:14

Instrument :

BNA_M

ClientSampleId :

DA826

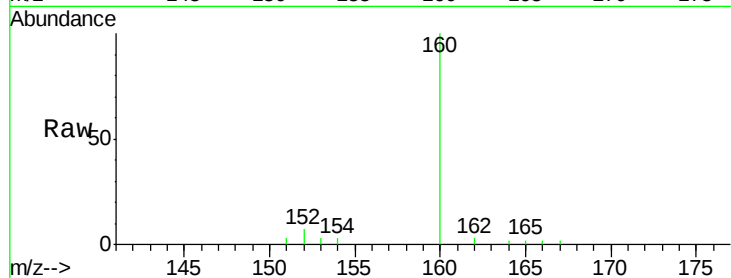
Tgt Ion:152 Resp: 261

Ion Ratio Lower Upper

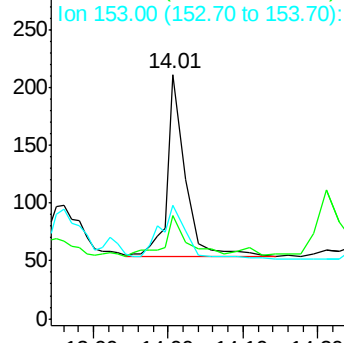
152 100

151 42.2 17.1 25.7#

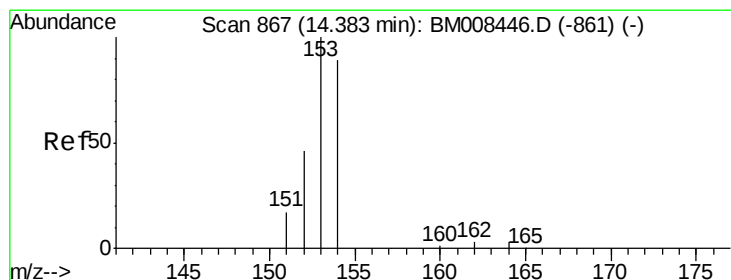
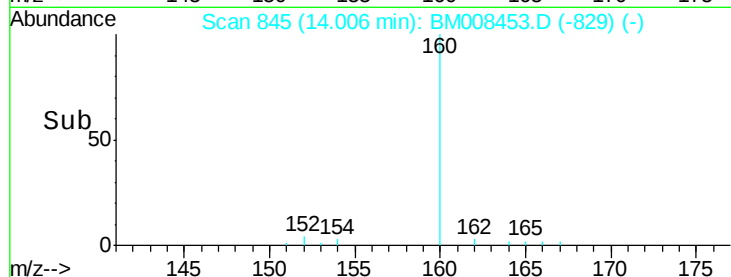
153 46.4 12.8 19.2#



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: 0.08 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008453.D

Acq: 19 Dec 2016 22:14

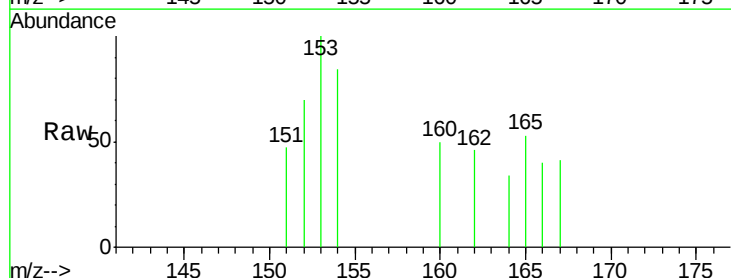
Tgt Ion:153 Resp: 240

Ion Ratio Lower Upper

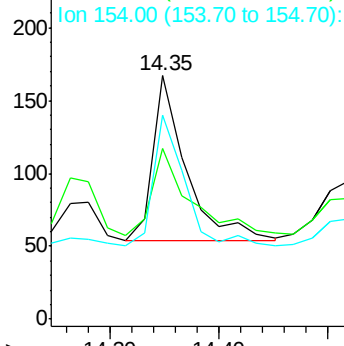
153 100

152 70.1 40.3 60.5#

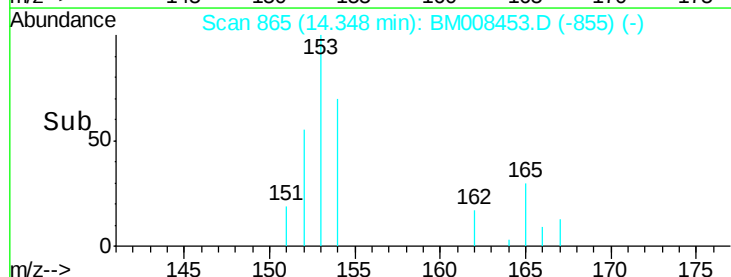
154 83.8 71.4 107.2

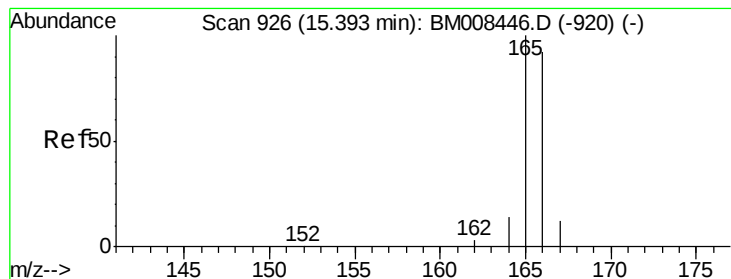


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.08 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.03 min

Lab File: BM008453.D

Acq: 19 Dec 2016 22:14

Instrument :

BNA_M

ClientSampleId :

DA826

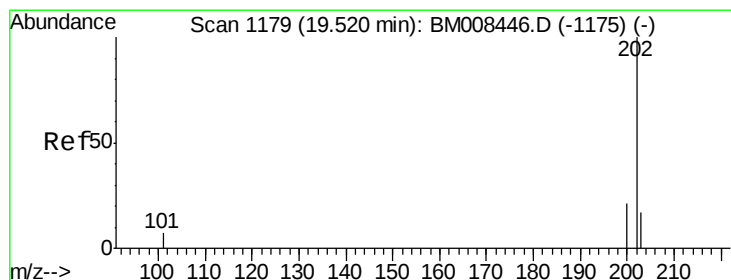
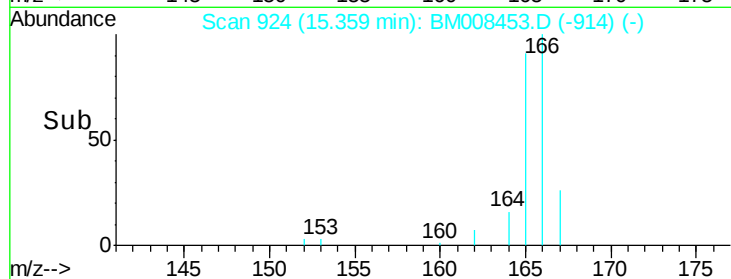
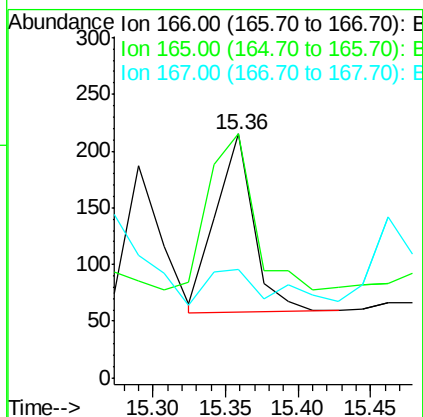
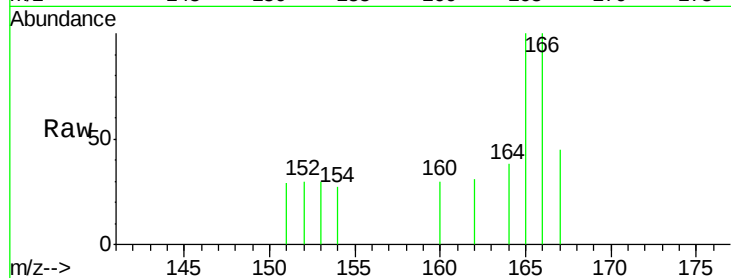
Tgt Ion:166 Resp: 283

Ion Ratio Lower Upper

166 100

165 100.0 73.4 110.2

167 44.7 14.6 22.0#



#17

Pyrene

Concen: 0.92 ng/ul

RT: 19.48 min Scan# 1176

Delta R.T. -0.04 min

Lab File: BM008453.D

Acq: 19 Dec 2016 22:14

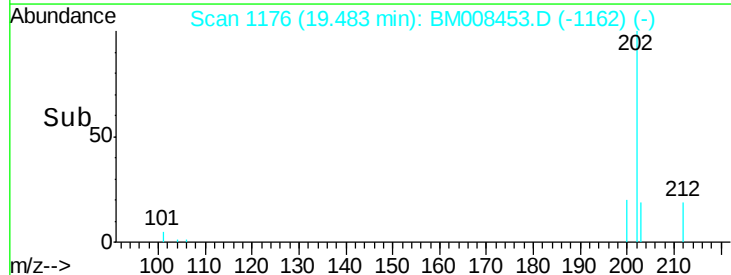
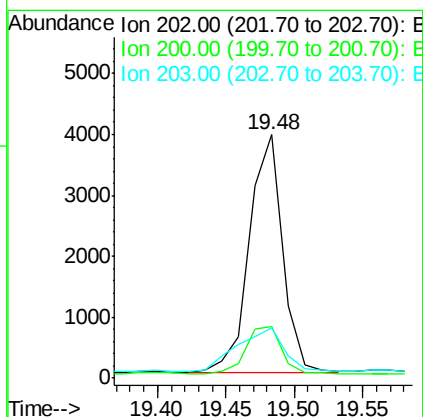
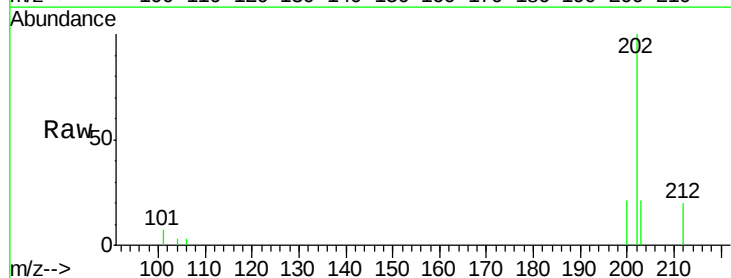
Tgt Ion:202 Resp: 6570

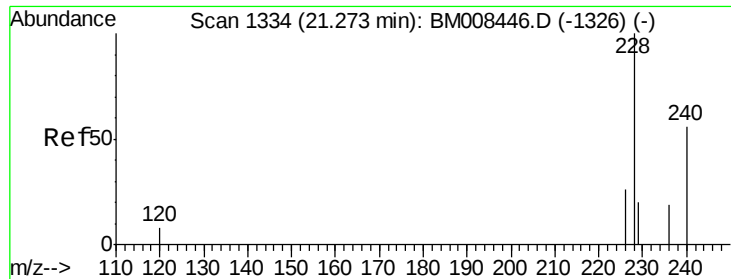
Ion Ratio Lower Upper

202 100

200 21.0 18.2 27.4

203 20.7 15.6 23.4





#18

Benzo(a)anthracene

Concen: 0.73 ng/ul

RT: 21.23 min Scan# 1330

Delta R.T. -0.04 min

Lab File: BM008453.D

Acq: 19 Dec 2016 22:14

Instrument :

BNA_M

ClientSampleId :

DA826

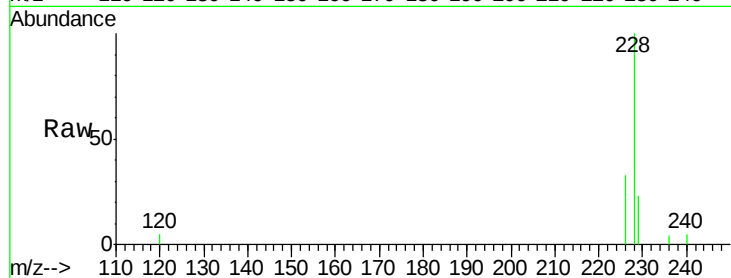
Tgt Ion:228 Resp: 4436

Ion Ratio Lower Upper

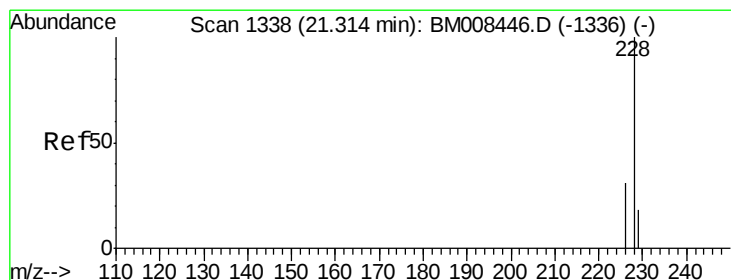
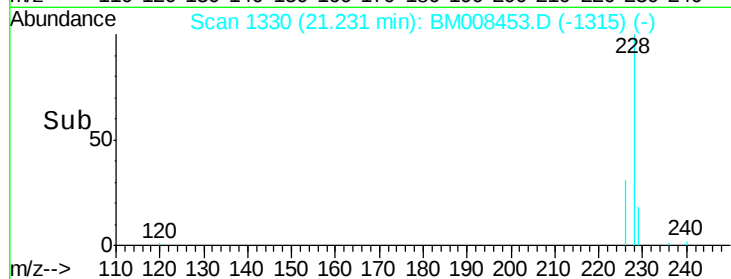
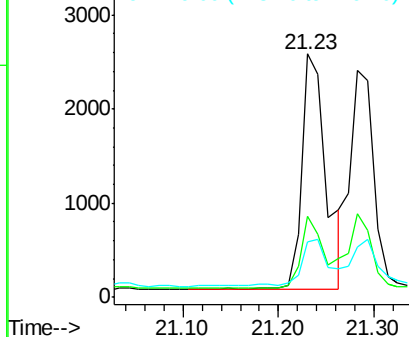
228 100

226 33.1 22.8 34.2

229 22.6 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: 0.67 ng/ul

RT: 21.23 min Scan# 1330

Delta R.T. -0.08 min

Lab File: BM008453.D

Acq: 19 Dec 2016 22:14

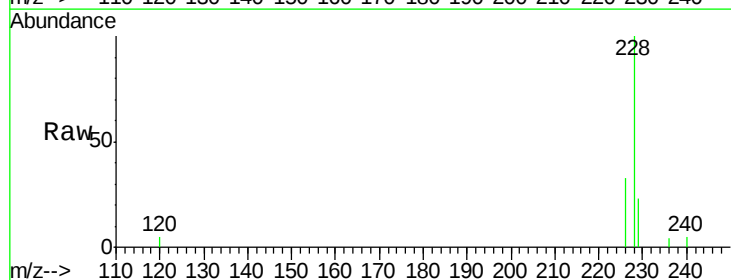
Tgt Ion:228 Resp: 4436

Ion Ratio Lower Upper

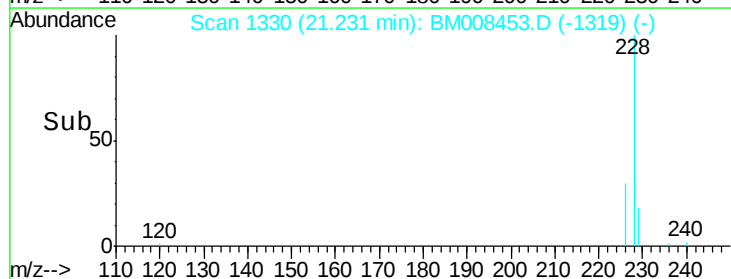
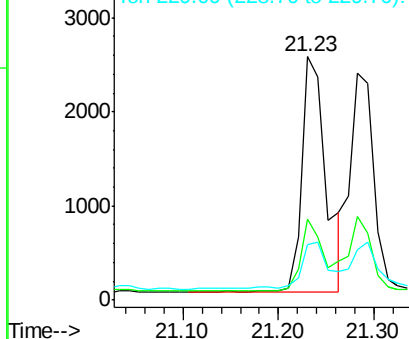
228 100

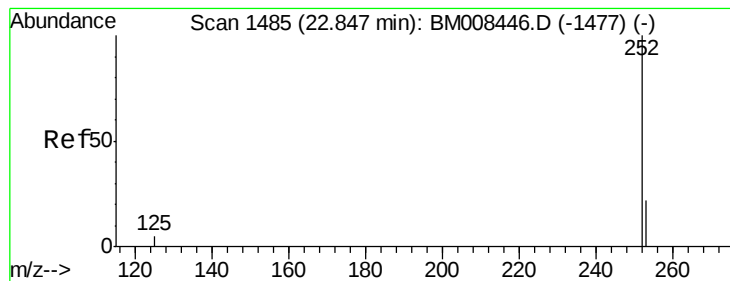
226 33.1 23.4 35.0

229 22.6 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: 0.02 ng/u1

RT: 22.80 min Scan# 1481

Delta R.T. -0.04 min

Lab File: BM008453.D

Acq: 19 Dec 2016 22:14

Instrument :

BNA_M

ClientSampleId :

DA826

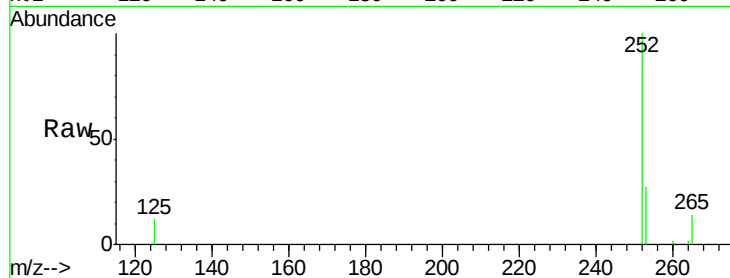
Tgt Ion:252 Resp: 6266

Ion Ratio Lower Upper

252 100

253 26.5 0.0 64.2

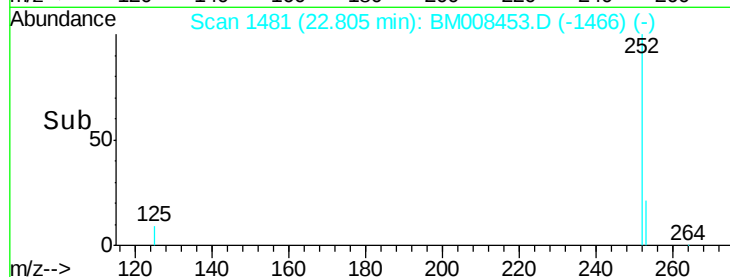
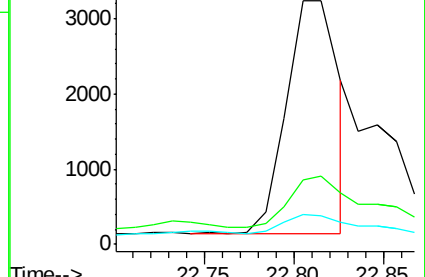
125 12.5 0.0 35.0



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/u1

RT: 22.80 min Scan# 1481

Delta R.T. -0.08 min

Lab File: BM008453.D

Acq: 19 Dec 2016 22:14

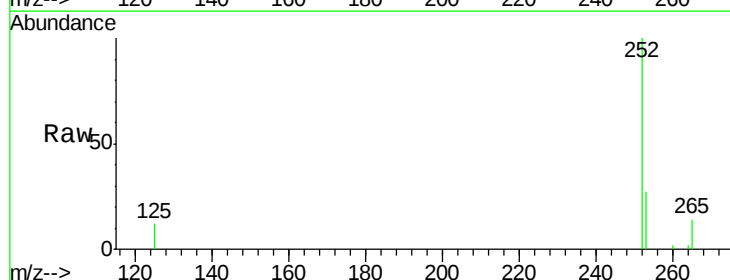
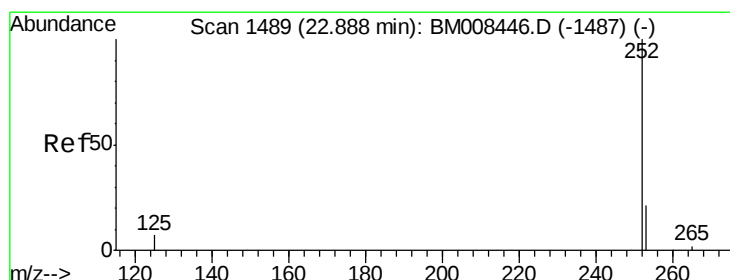
Tgt Ion:252 Resp: 9099

Ion Ratio Lower Upper

252 100

253 26.5 24.5 36.7

125 12.5 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

