

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008663.D
 Acq On : 25 Dec 2016 10:11
 Operator : UM/SJ
 Sample : H6040-11DL 5X
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8W4DL

Quant Time: Dec 26 03:28:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration

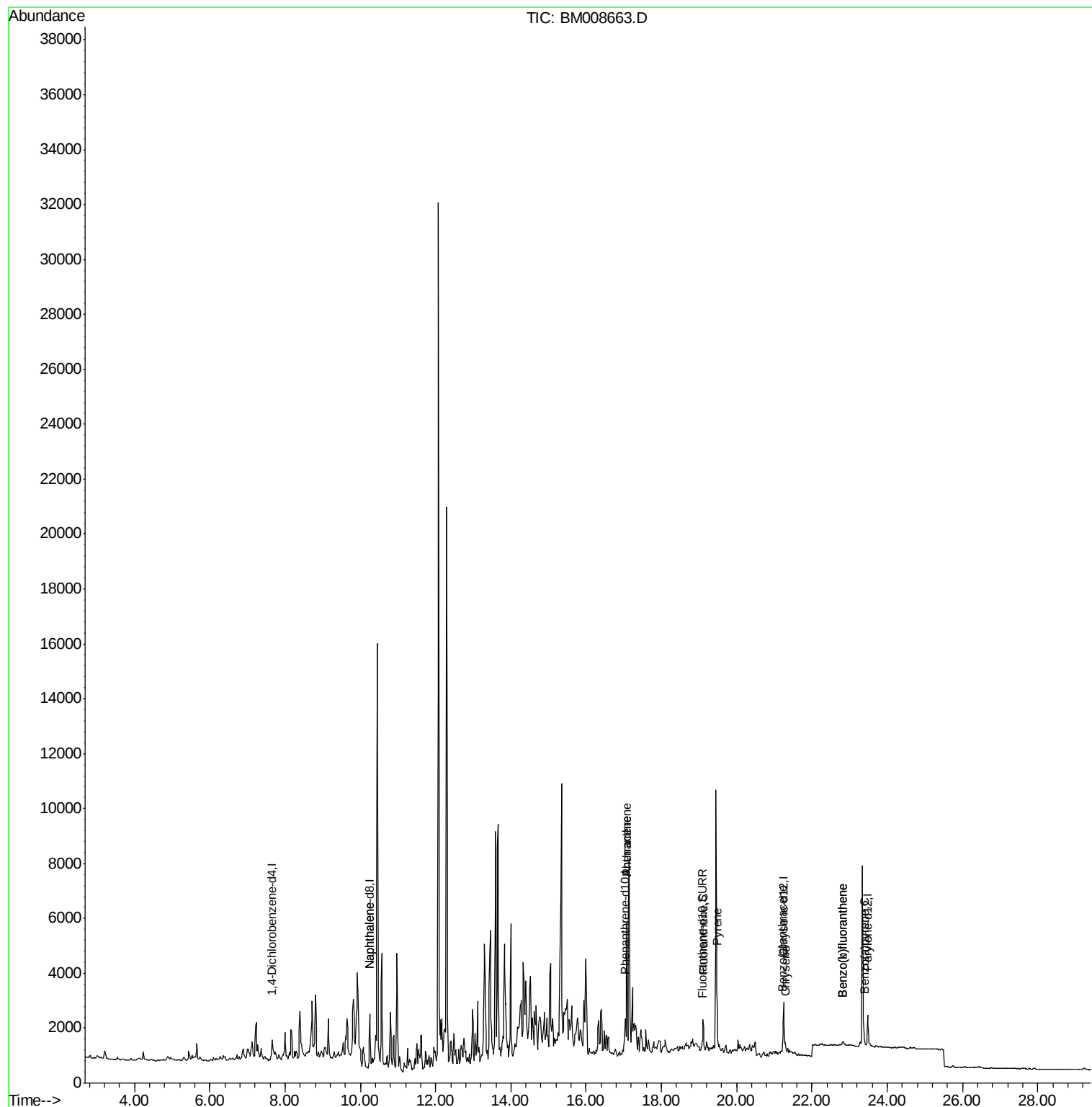
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	509	0.40	ng/ul	-0.12
2) Naphthalene-d8	10.25	136	1777	0.40	ng/ul	-0.27
6) Acenaphthene-d10	0.00	164	0	0.00	ng/ul	-14.33
10) Phenanthrene-d10	17.04	188	2071	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1645	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1716	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	20	0.01	ng/ul	-0.29
14) Fluoranthene-d10	19.08	212	2380	0.42	ng/ul	-0.03
Target Compounds						
					Qvalue	
3) Naphthalene	10.25	128	421	0.08	ng/ul#	1
12) Phenanthrene	17.07	178	6111	0.97	ng/ul#	95
13) Anthracene	17.07	178	5653	0.92	ng/ul	96
15) Fluoranthene	19.11	202	1596	0.21	ng/ul	67
17) Pyrene	19.47	202	2005	0.32	ng/ul#	79
18) Benzo(a)anthracene	21.23	228	548	0.10	ng/ul#	14
19) Chrysene	21.28	228	438	0.07	ng/ul#	16
21) Benzo(b)fluoranthene	22.82	252	338	0.05	ng/ul#	1
22) Benzo(k)fluoranthene	22.82	252	338	0.05	ng/ul#	1
23) Benzo(a)pyrene	23.39	252	211	0.03	ng/ul#	2

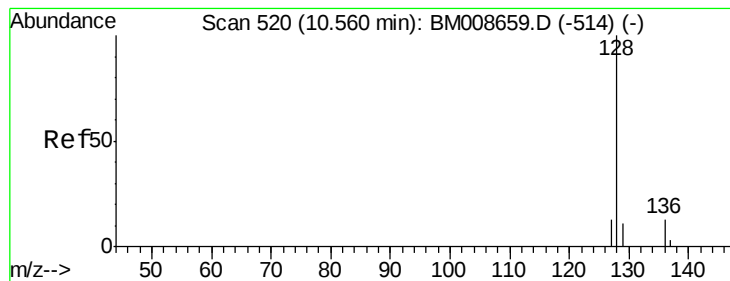
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.08 ng/ul

RT: 10.25 min Scan# 494

Delta R.T. -0.31 min

Lab File: BM008663.D

Acq: 25 Dec 2016 10:11

Instrument :

BNA_M

ClientSampleId :

DA8W4DL

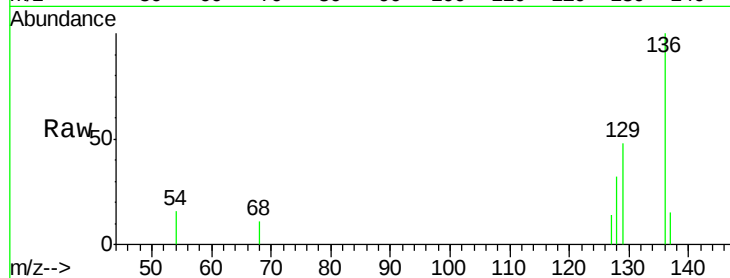
Tgt Ion:128 Resp: 421

Ion Ratio Lower Upper

128 100

129 149.7 11.3 16.9#

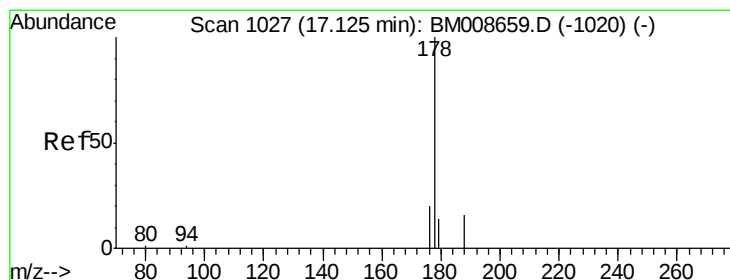
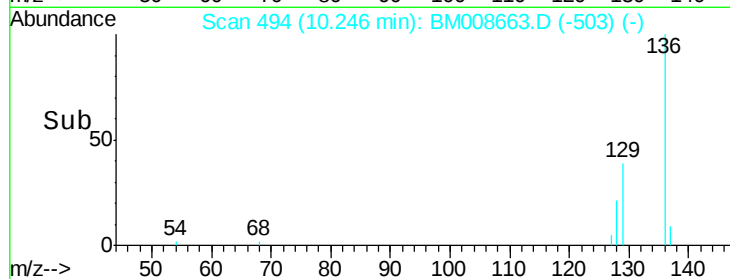
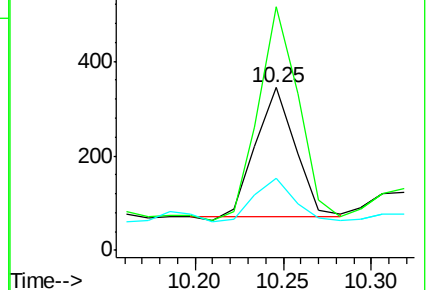
127 44.2 12.8 19.2#



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



#12

Phenanthrene

Concen: 0.97 ng/ul

RT: 17.07 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BM008663.D

Acq: 25 Dec 2016 10:11

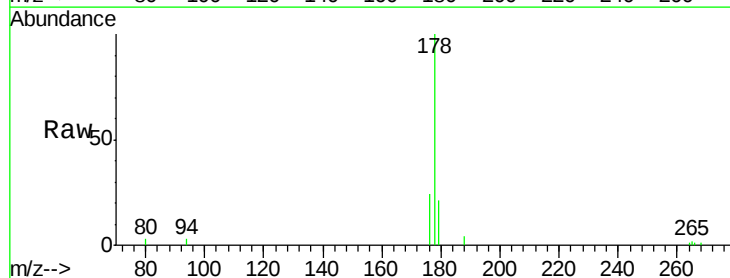
Tgt Ion:178 Resp: 6111

Ion Ratio Lower Upper

178 100

176 23.7 18.4 27.6

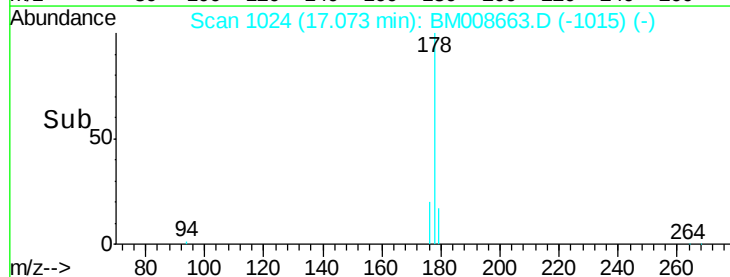
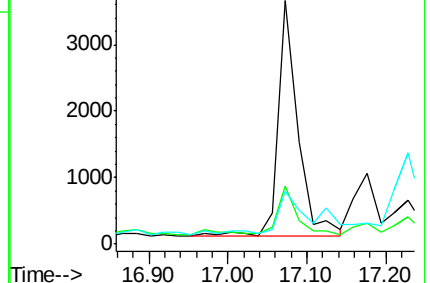
179 21.5 13.6 20.4#

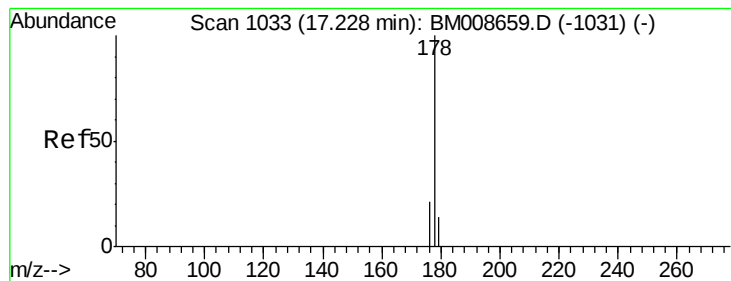


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#13

Anthracene

Concen: 0.92 ng/ul

RT: 17.07 min Scan# 1024

Delta R.T. -0.15 min

Lab File: BM008663.D

Acq: 25 Dec 2016 10:11

Instrument :

BNA_M

ClientSampleId :

DA8W4DL

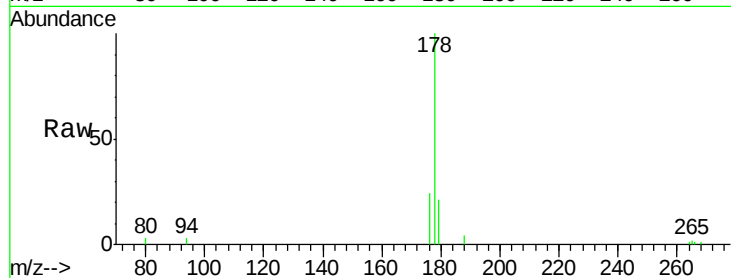
Tgt Ion:178 Resp: 5653

Ion Ratio Lower Upper

178 100

176 23.7 18.1 27.1

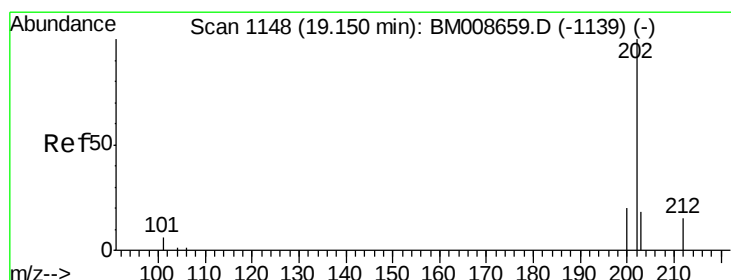
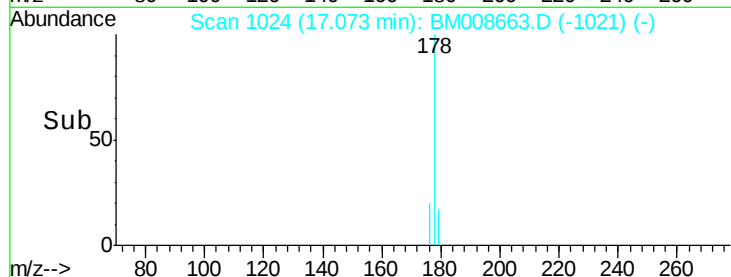
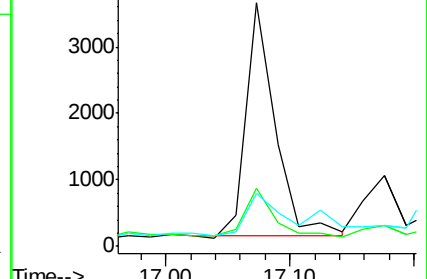
179 21.5 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Fluoranthene

Concen: 0.21 ng/ul

RT: 19.11 min Scan# 1145

Delta R.T. -0.04 min

Lab File: BM008663.D

Acq: 25 Dec 2016 10:11

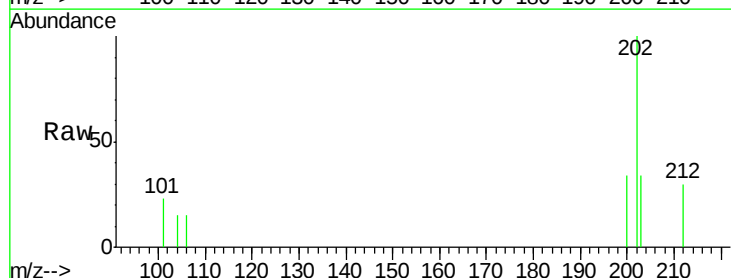
Tgt Ion:202 Resp: 1596

Ion Ratio Lower Upper

202 100

101 23.2 0.0 30.3

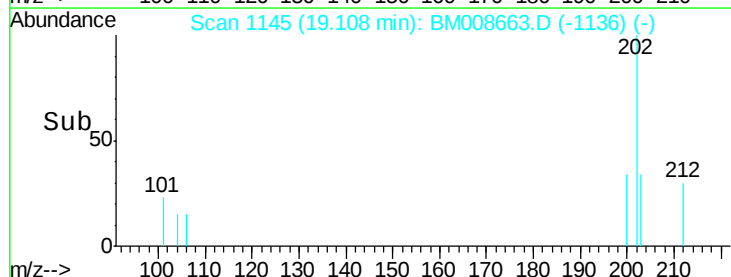
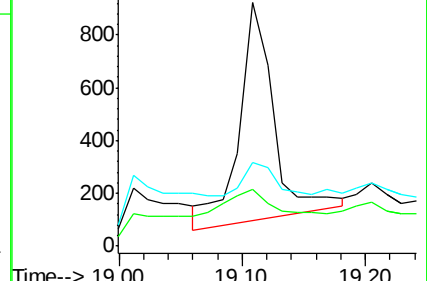
203 34.2 0.0 39.5

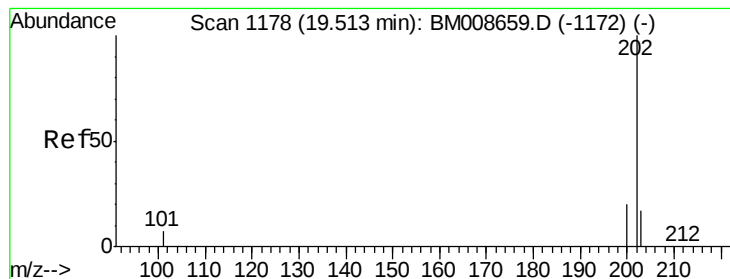


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pyrene

Concen: 0.32 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. -0.04 min

Lab File: BM008663.D

Acq: 25 Dec 2016 10:11

Instrument :

BNA_M

ClientSampleId :

DA8W4DL

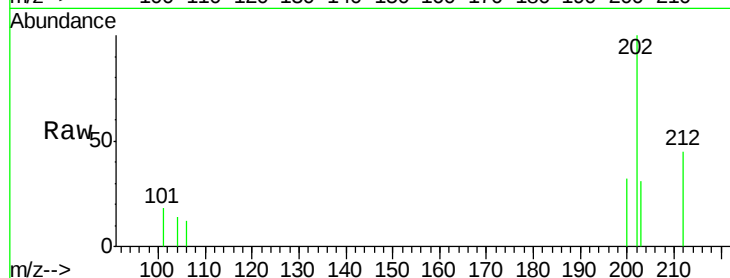
Tgt Ion:202 Resp: 2005

Ion Ratio Lower Upper

202 100

200 31.6 18.2 27.4#

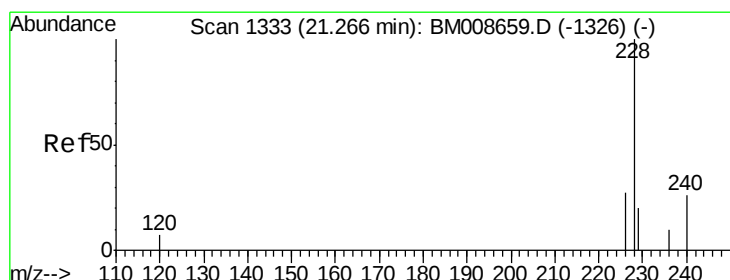
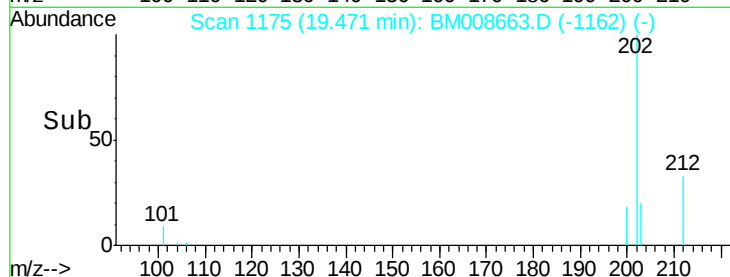
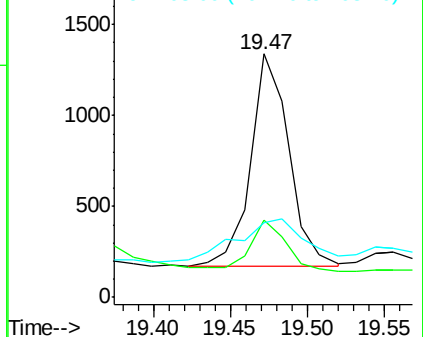
203 30.9 15.6 23.4#



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: 0.10 ng/ul

RT: 21.23 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BM008663.D

Acq: 25 Dec 2016 10:11

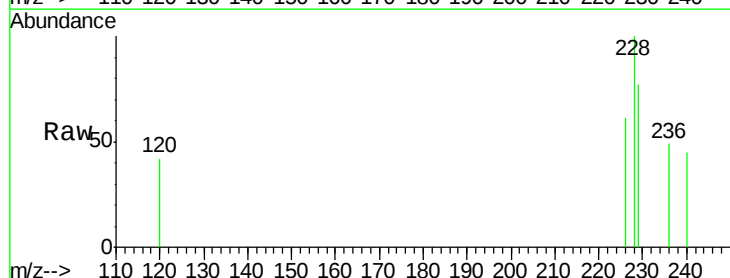
Tgt Ion:228 Resp: 548

Ion Ratio Lower Upper

228 100

226 61.1 22.8 34.2#

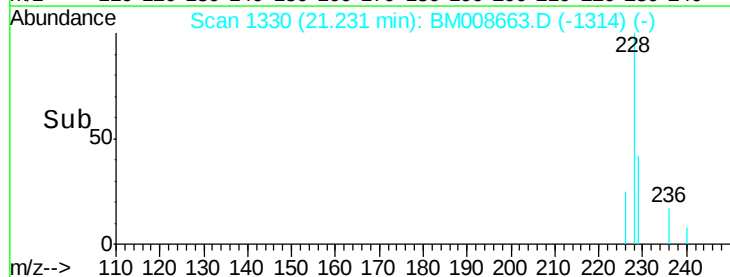
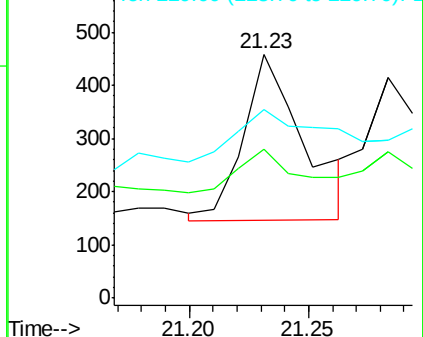
229 77.3 17.0 25.6#

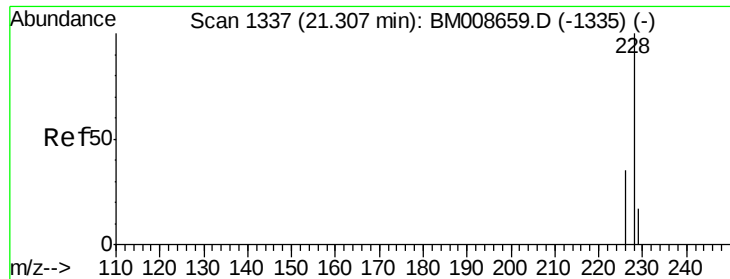


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.07 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BM008663.D

Acq: 25 Dec 2016 10:11

Instrument :

BNA_M

ClientSampleId :

DA8W4DL

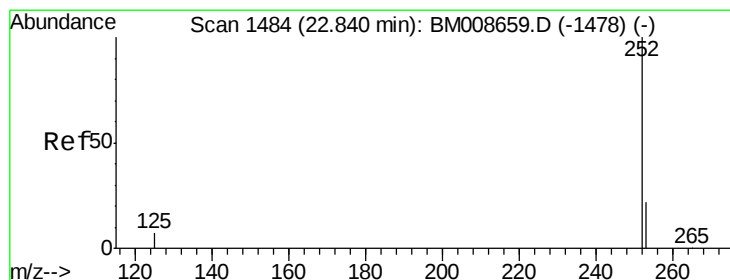
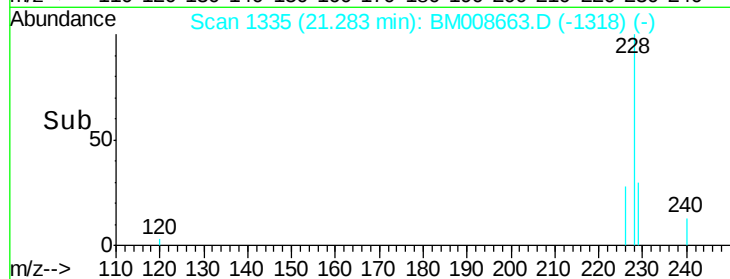
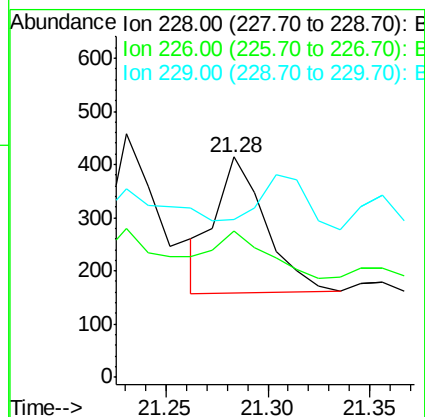
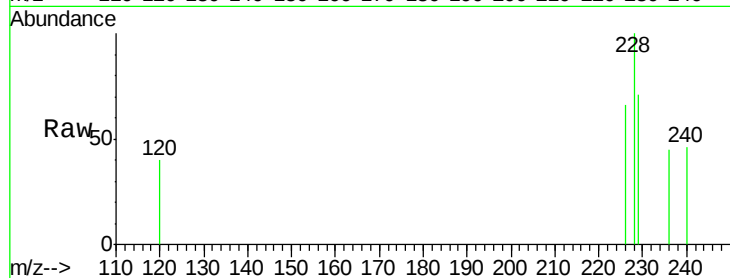
Tgt Ion:228 Resp: 438

Ion Ratio Lower Upper

228 100

226 66.2 23.4 35.0#

229 71.5 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 0.05 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BM008663.D

Acq: 25 Dec 2016 10:11

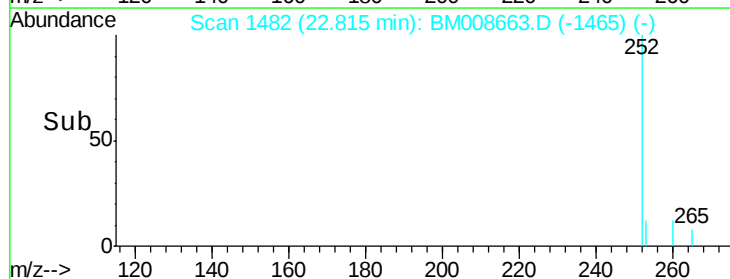
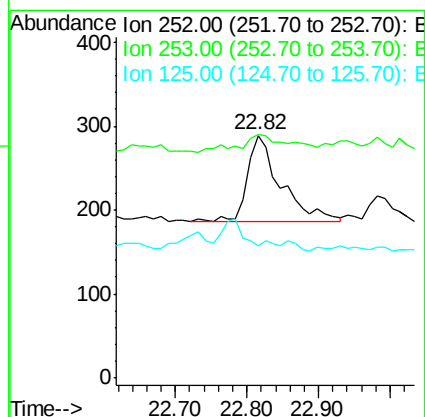
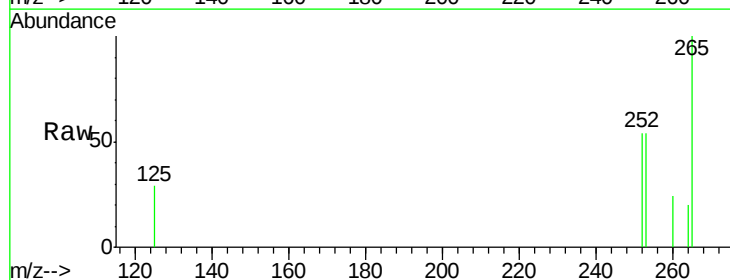
Tgt Ion:252 Resp: 338

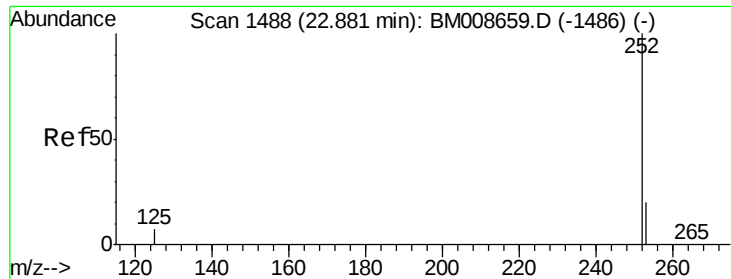
Ion Ratio Lower Upper

252 100

253 100.3 0.0 64.2#

125 54.7 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.05 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.07 min

Lab File: BM008663.D

Acq: 25 Dec 2016 10:11

Instrument :

BNA_M

ClientSampleId :

DA8W4DL

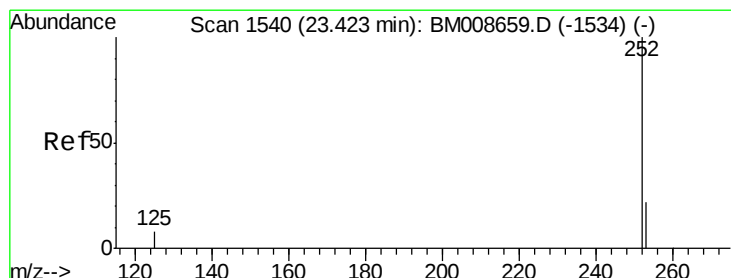
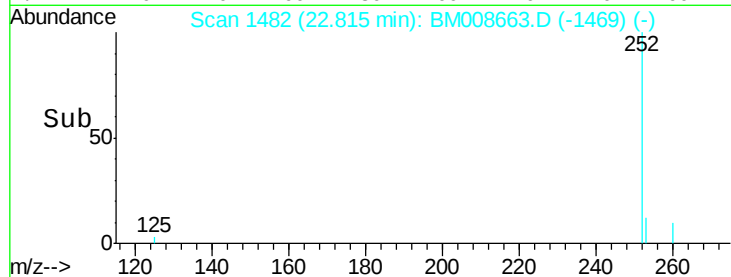
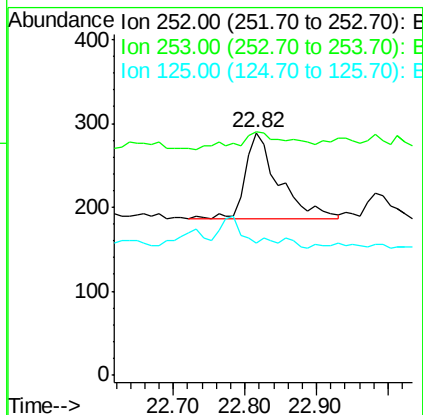
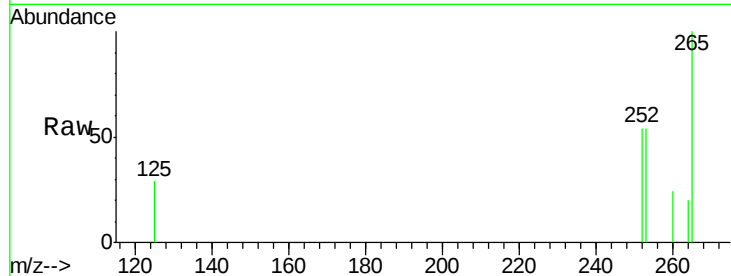
Tgt Ion: 252 Resp: 338

Ion Ratio Lower Upper

252 100

253 100.3 24.5 36.7#

125 54.7 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.03 ng/ul

RT: 23.39 min Scan# 1537

Delta R.T. -0.03 min

Lab File: BM008663.D

Acq: 25 Dec 2016 10:11

Tgt Ion: 252 Resp: 211

Ion Ratio Lower Upper

252 100

253 102.9 28.5 42.7#

125 56.9 18.1 27.1#

