

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008072.D
 Acq On : 24 Nov 2016 13:53
 Operator : UM/SJ
 Sample : H5701-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD0

Quant Time: Nov 25 01:29:50 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	724	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2515	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1487	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2842	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2893	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	106860	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	560	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1286	0.16	ng/ul	0.00

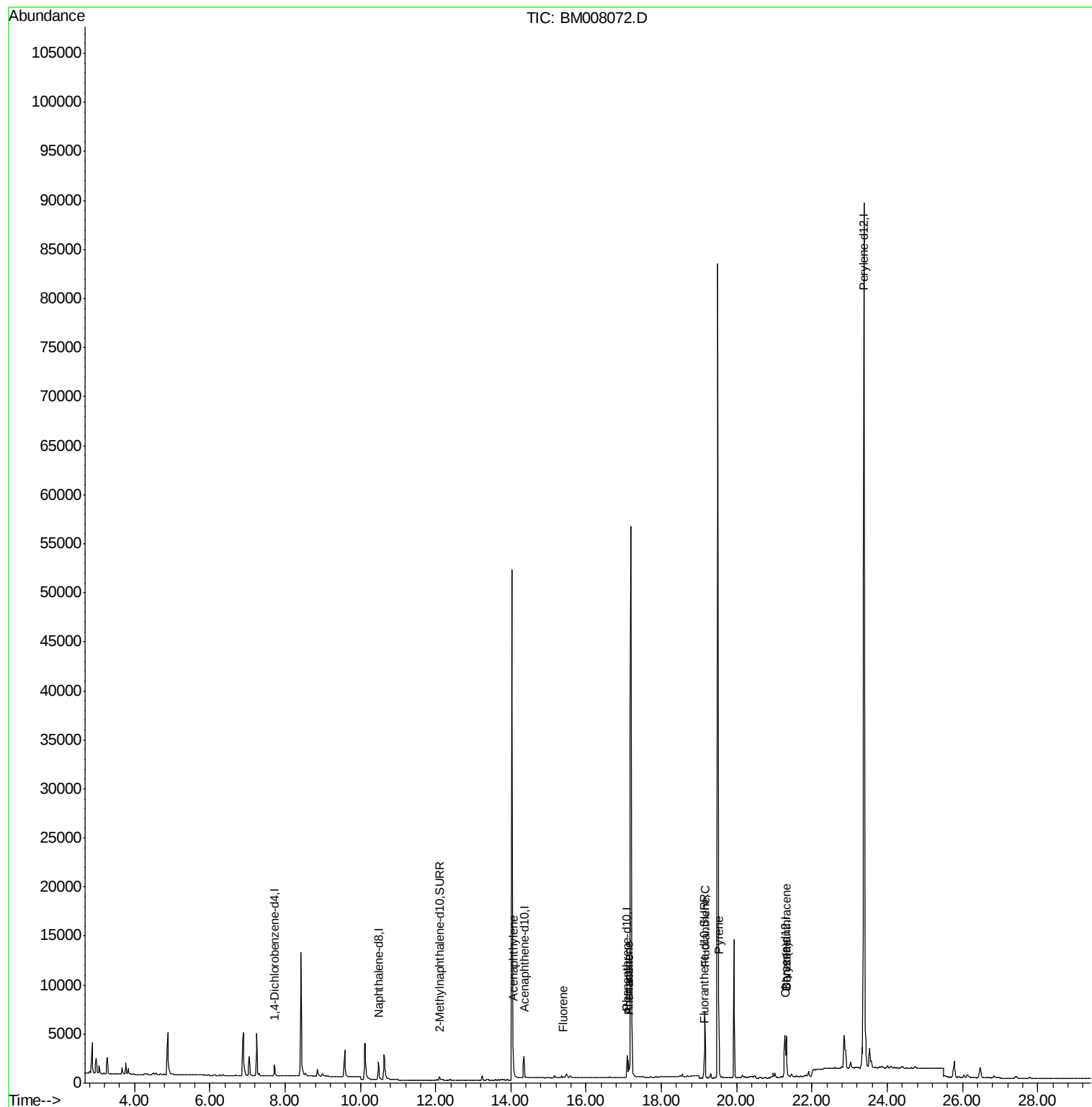
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.06	152	994	0.15	ng/ul#	90
9) Fluorene	15.39	166	143	0.02	ng/ul#	71
12) Phenanthrene	17.12	178	2151	0.24	ng/ul	98
13) Anthracene	17.12	178	2151	0.26	ng/ul	98
15) Fluoranthene	19.16	202	6731	0.59	ng/ul	95
17) Pyrene	19.52	202	6570	0.65	ng/ul	98
18) Benzo(a)anthracene	21.32	228	4370	0.49	ng/ul	94
19) Chrysene	21.32	228	4339	0.39	ng/ul	95

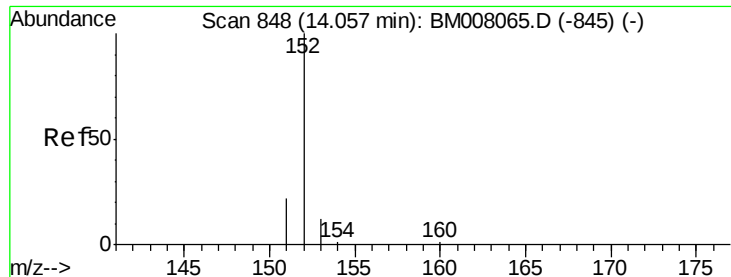
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.15 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: BM008072.D

Acq: 24 Nov 2016 13:53

Instrument :

BNA_M

ClientSampleId :

A4WD0

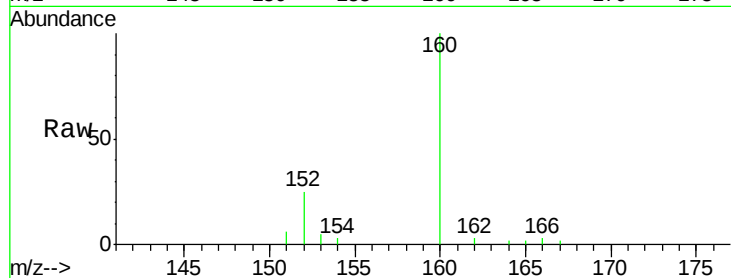
Tgt Ion:152 Resp: 994

Ion Ratio Lower Upper

152 100

151 26.1 17.1 25.7#

153 20.0 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

14.06

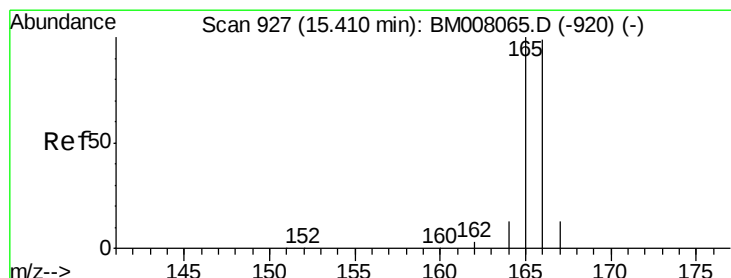
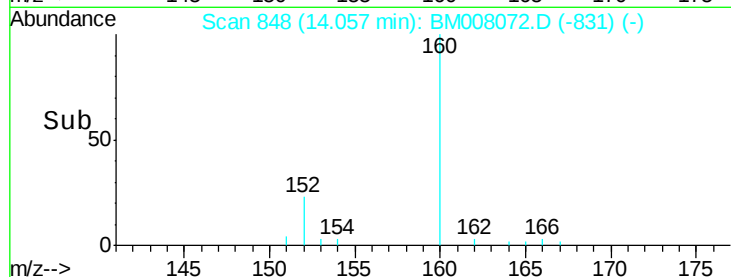
600

400

200

0

Time--> 13.90 14.00 14.10 14.20



#9

Fluorene

Concen: 0.02 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. -0.02 min

Lab File: BM008072.D

Acq: 24 Nov 2016 13:53

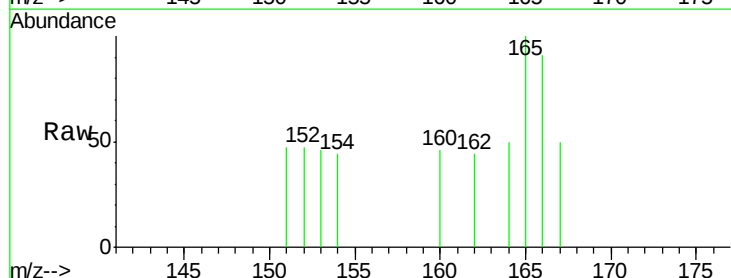
Tgt Ion:166 Resp: 143

Ion Ratio Lower Upper

166 100

165 109.3 73.4 110.2

167 54.2 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

15.39

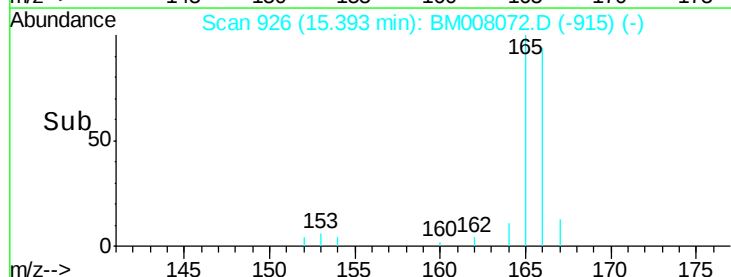
200

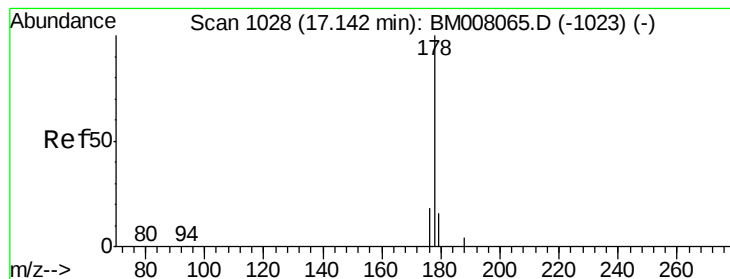
150

100

50

Time--> 15.35 15.40 15.45 15.50





#12

Phenanthrene

Concen: 0.24 ng/ul

RT: 17.12 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BM008072.D

Acq: 24 Nov 2016 13:53

Instrument :

BNA_M

ClientSampleId :

A4WD0

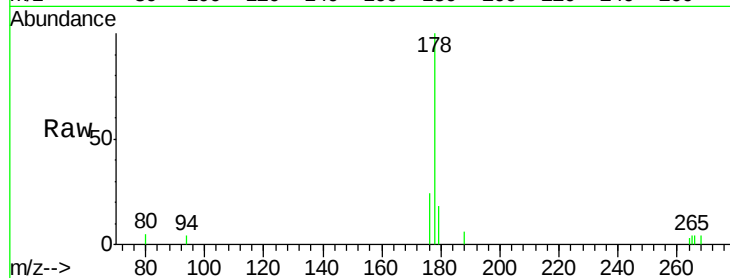
Tgt Ion:178 Resp: 2151

Ion Ratio Lower Upper

178 100

176 23.7 18.4 27.6

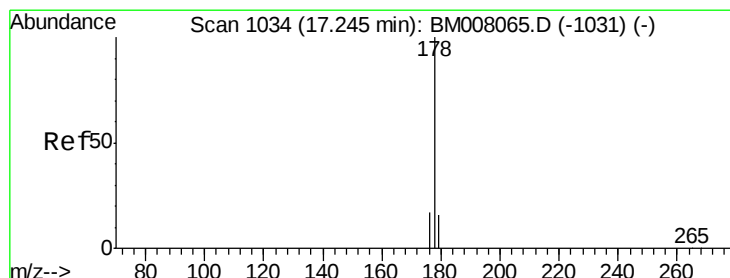
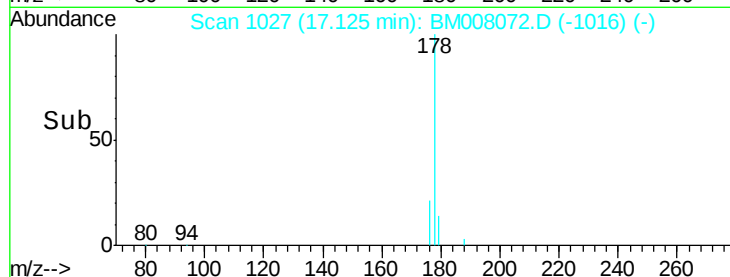
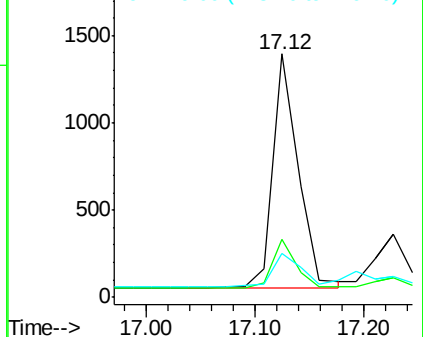
179 17.9 13.6 20.4



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: 0.26 ng/ul

RT: 17.12 min Scan# 1027

Delta R.T. -0.12 min

Lab File: BM008072.D

Acq: 24 Nov 2016 13:53

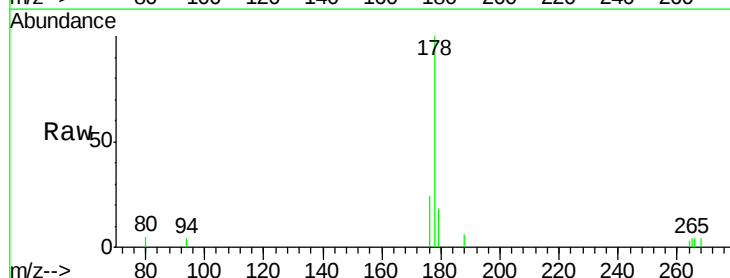
Tgt Ion:178 Resp: 2151

Ion Ratio Lower Upper

178 100

176 23.7 18.1 27.1

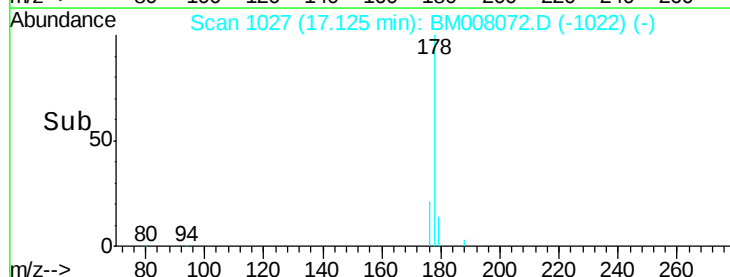
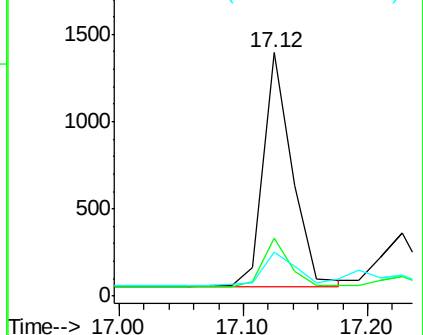
179 17.9 14.7 22.1

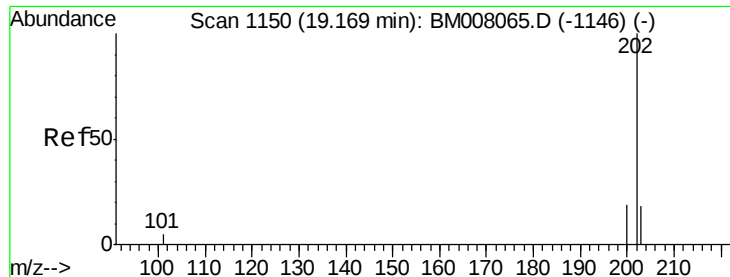


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.59 ng/ul

RT: 19.16 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM008072.D

Acq: 24 Nov 2016 13:53

Instrument :

BNA_M

ClientSampleId :

A4WD0

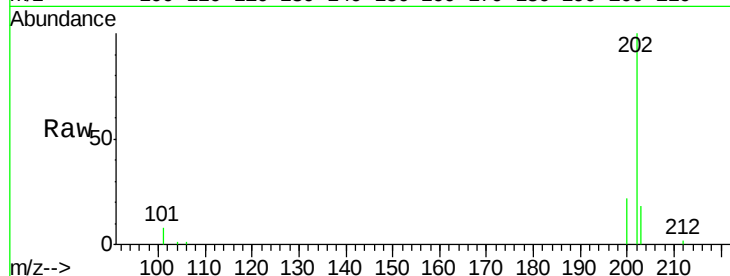
Tgt Ion:202 Resp: 6731

Ion Ratio Lower Upper

202 100

101 7.7 0.0 30.3

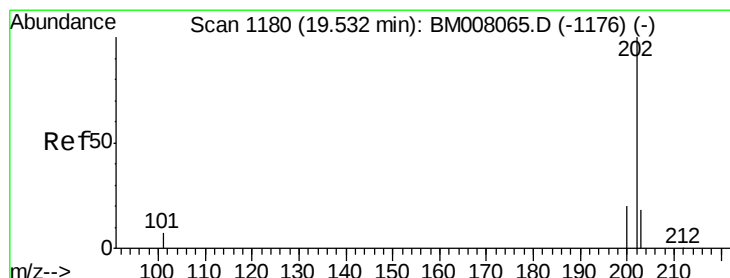
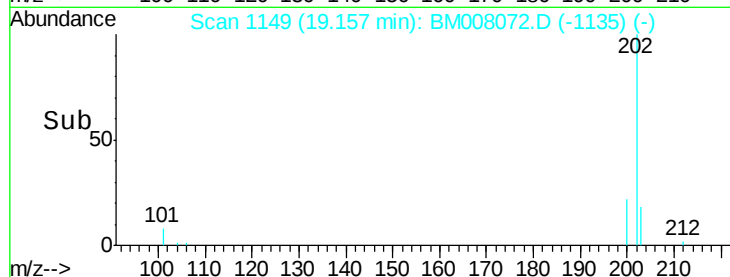
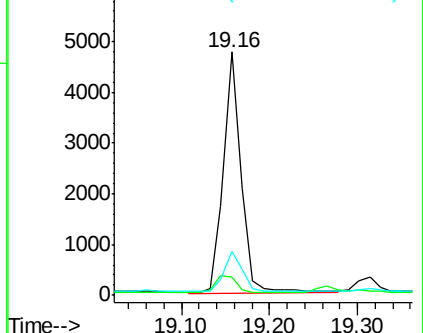
203 18.1 0.0 39.5



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: 0.65 ng/ul

RT: 19.52 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BM008072.D

Acq: 24 Nov 2016 13:53

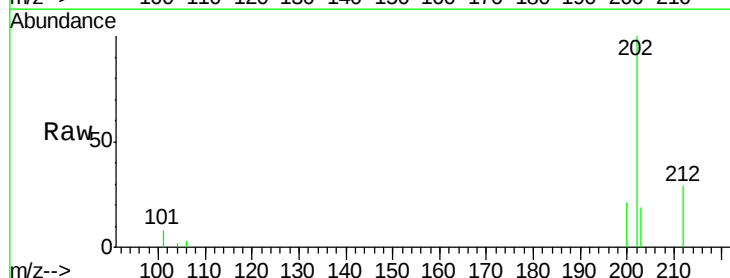
Tgt Ion:202 Resp: 6570

Ion Ratio Lower Upper

202 100

200 21.3 18.2 27.4

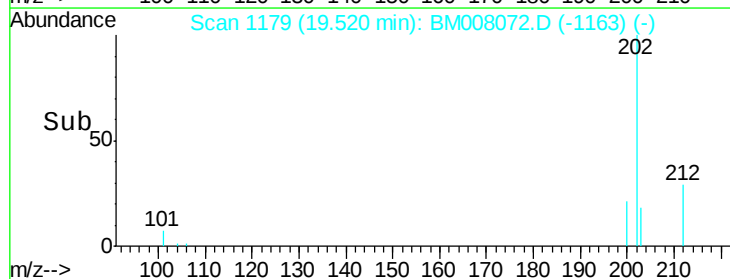
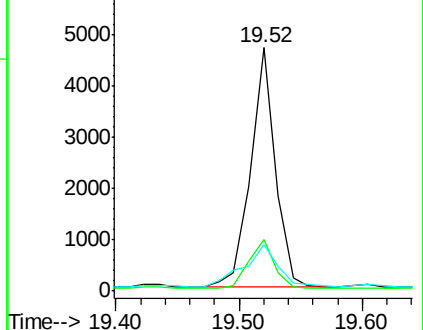
203 19.2 15.6 23.4

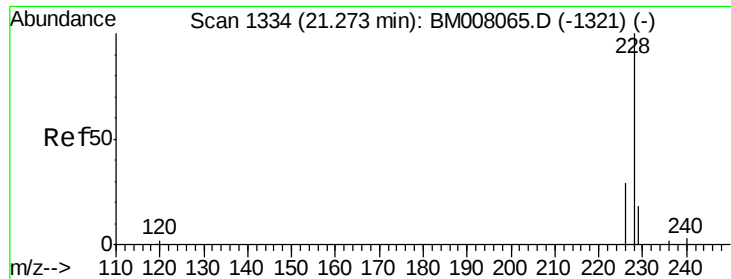


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.49 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. 0.05 min

Lab File: BM008072.D

Acq: 24 Nov 2016 13:53

Instrument :

BNA_M

ClientSampleId :

A4WD0

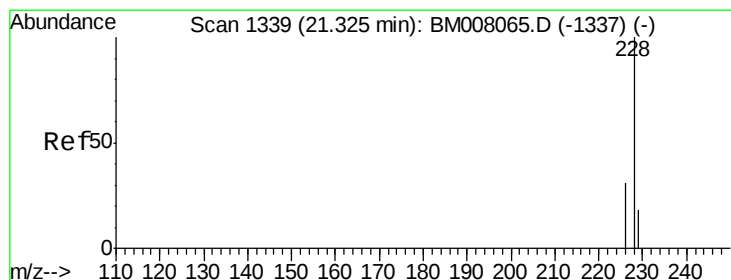
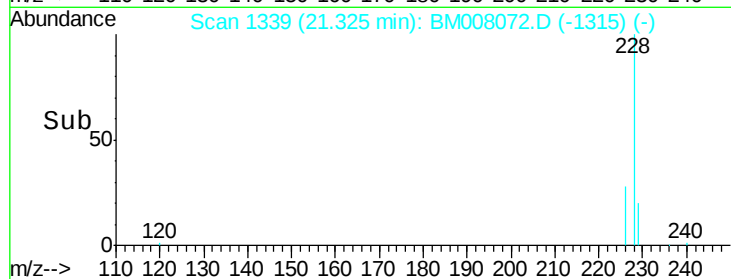
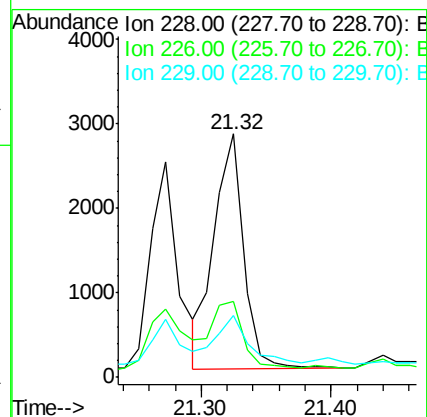
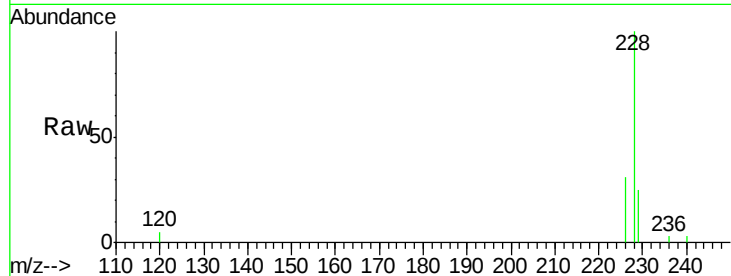
Tgt Ion:228 Resp: 4370

Ion Ratio Lower Upper

228 100

226 31.2 22.8 34.2

229 25.2 17.0 25.6



#19

Chrysene

Concen: 0.39 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BM008072.D

Acq: 24 Nov 2016 13:53

Tgt Ion:228 Resp: 4339

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.0

229 25.2 17.7 26.5

