

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
 Data File : BM007988.D
 Acq On : 22 Nov 2016 10:58
 Operator : UM/SJ
 Sample : H5622-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WK3

Quant Time: Nov 22 15:15:19 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 15:01:04 2016
 Response via : Initial Calibration

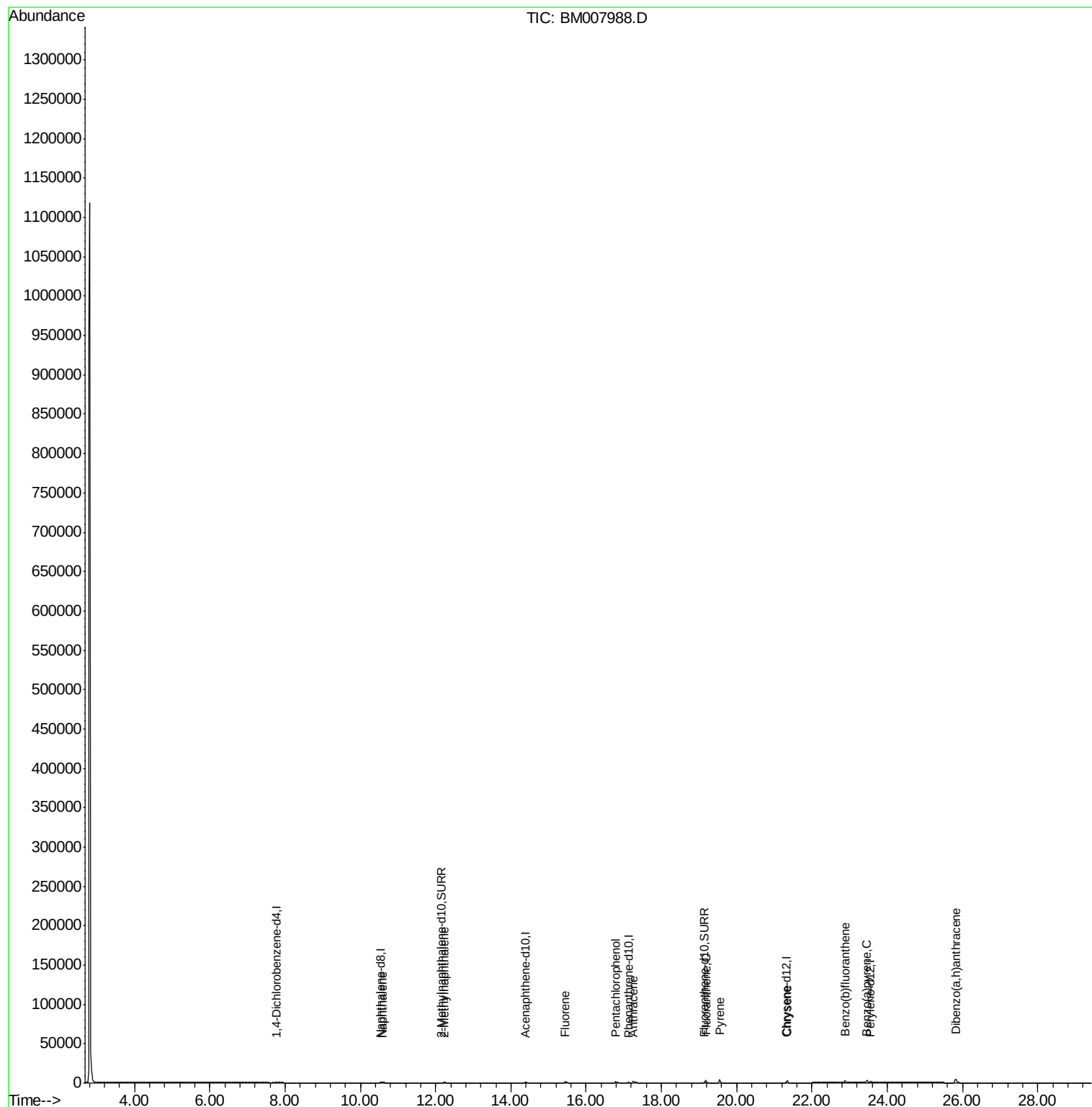
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	403	0.40	ng/ul	0.02
2) Naphthalene-d8	10.54	136	1358	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.38	164	828	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.12	188	1604	0.40	ng/ul	0.02
16) Chrysene-d12	21.31	240	1681	0.40	ng/ul	0.01
20) Perylene-d12	23.56	264	1577	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.15	152	707	0.37	ng/ul	0.03
14) Fluoranthene-d10	19.14	212	1792	0.39	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.58	128	2817	0.74	ng/ul#	92
5) 2-Methylnaphthalene	12.23	142	1213	0.50	ng/ul	100
9) Fluorene	15.44	166	2321	0.71	ng/ul	95
11) Pentachlorophenol	16.78	266	2179	3.89	ng/ul	97
13) Anthracene	17.26	178	4732	1.01	ng/ul	97
15) Fluoranthene	19.18	202	5125	0.79	ng/ul	96
17) Pyrene	19.54	202	5918	1.01	ng/ul	98
19) Chrysene	21.35	228	4121	0.64	ng/ul	96
21) Benzo(b)fluoranthene	22.88	252	3676	0.58	ng/ul	94
23) Benzo(a)pyrene	23.45	252	4581	0.78	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.82	278	9769	1.67	ng/ul#	87

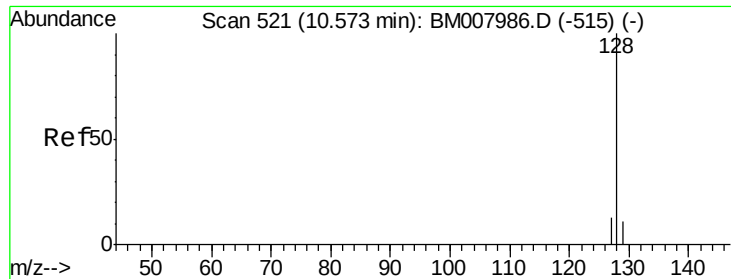
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.74 ng/ul

RT: 10.58 min Scan# 522

Delta R.T. 0.01 min

Lab File: BM007988.D

Acq: 22 Nov 2016 10:58

Instrument :

BNA_M

ClientSampleId :

A4WK3

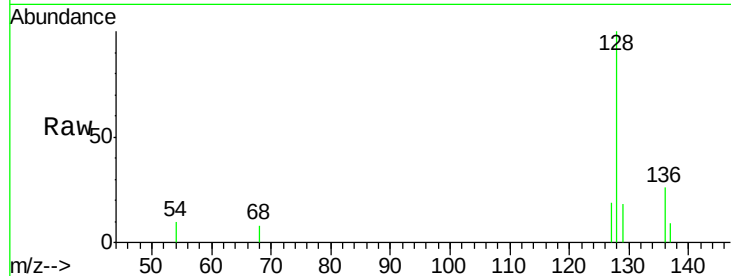
Tgt Ion:128 Resp: 2817

Ion Ratio Lower Upper

128 100

129 17.7 11.3 16.9#

127 19.1 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

10.58

800

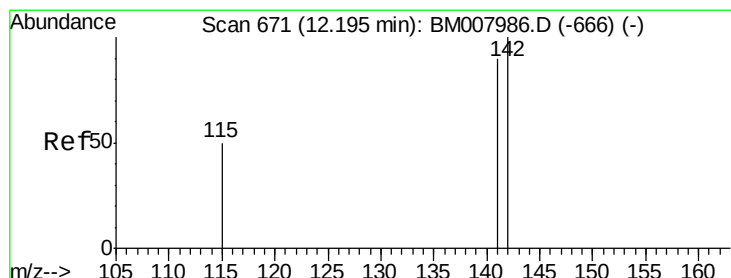
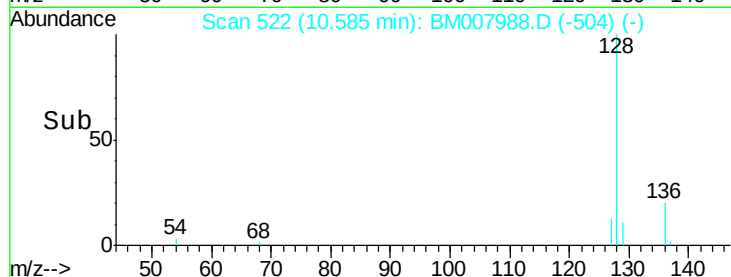
600

400

200

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.50 ng/ul

RT: 12.23 min Scan# 674

Delta R.T. 0.03 min

Lab File: BM007988.D

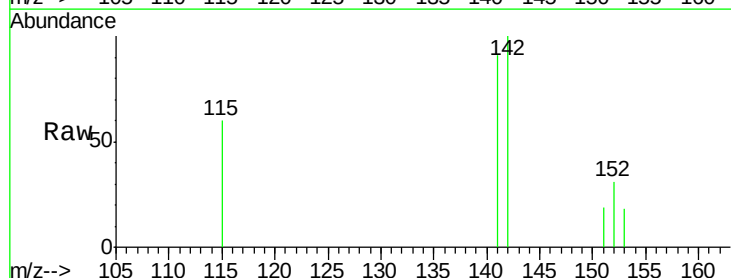
Acq: 22 Nov 2016 10:58

Tgt Ion:142 Resp: 1213

Ion Ratio Lower Upper

142 100

141 91.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.23

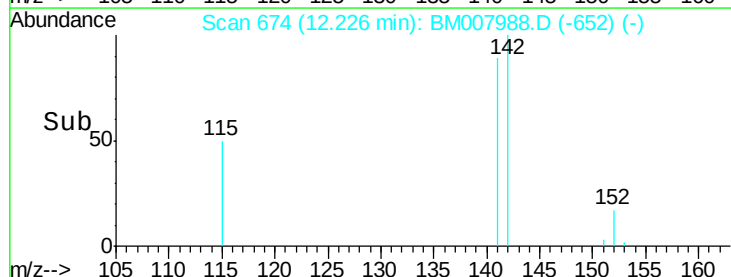
300

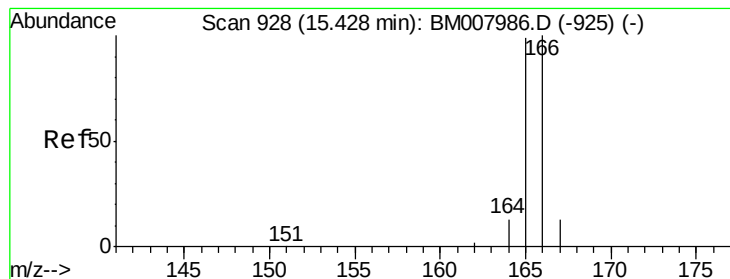
200

100

0

Time-->





#9

Fluorene

Concen: 0.71 ng/ul

RT: 15.44 min Scan# 929

Delta R.T. 0.02 min

Lab File: BM007988.D

Acq: 22 Nov 2016 10:58

Instrument :

BNA_M

ClientSampleId :

A4WK3

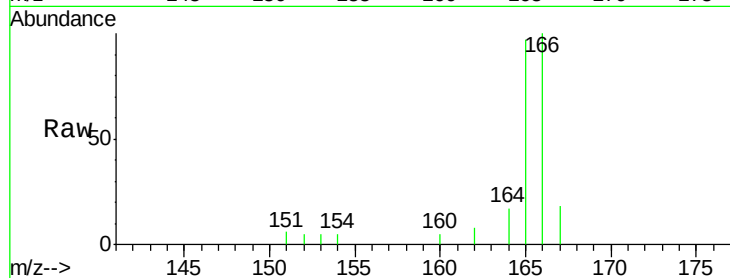
Tgt Ion:166 Resp: 2321

Ion Ratio Lower Upper

166 100

165 97.0 73.4 110.2

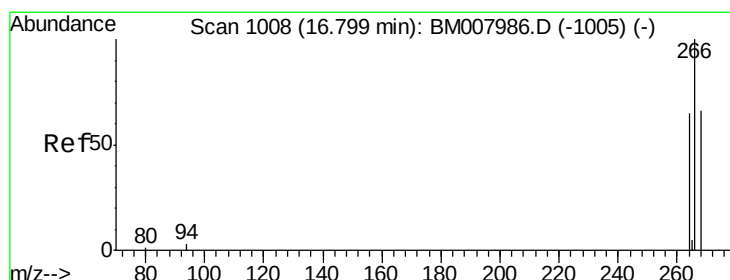
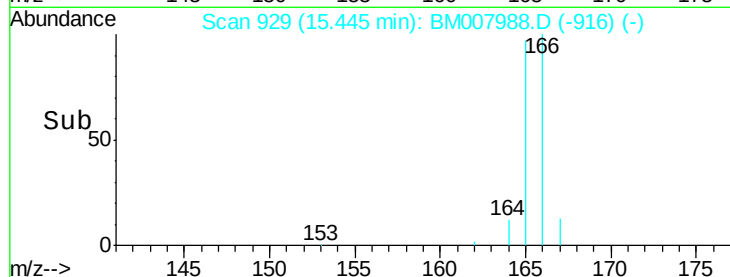
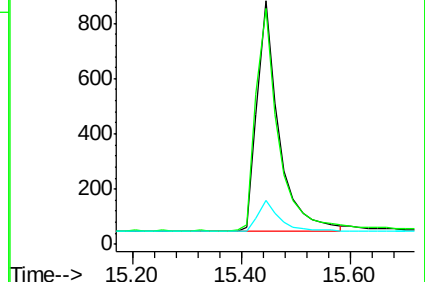
167 18.0 14.6 22.0



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



#11

Pentachlorophenol

Concen: 3.89 ng/ul

RT: 16.78 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BM007988.D

Acq: 22 Nov 2016 10:58

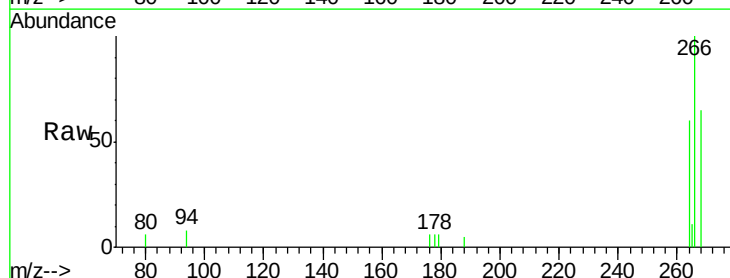
Tgt Ion:266 Resp: 2179

Ion Ratio Lower Upper

266 100

264 63.1 47.9 71.9

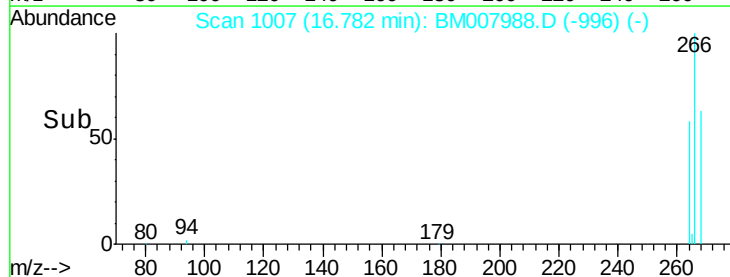
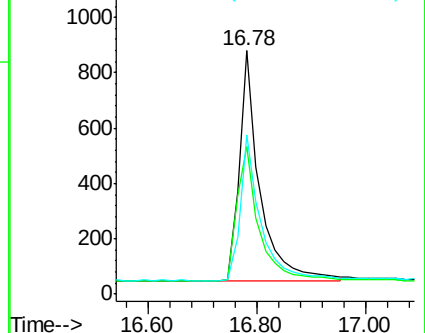
268 63.0 49.8 74.8

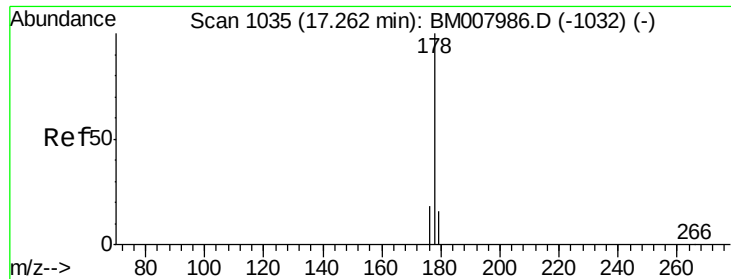


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#13

Anthracene

Concen: 1.01 ng/ul

RT: 17.26 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BM007988.D

Acq: 22 Nov 2016 10:58

Instrument :

BNA_M

ClientSampleId :

A4WK3

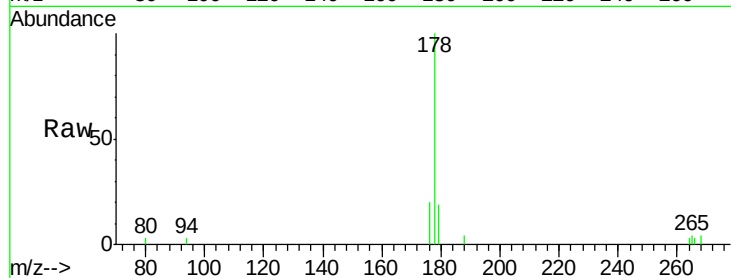
Tgt Ion:178 Resp: 4732

Ion Ratio Lower Upper

178 100

176 20.3 18.1 27.1

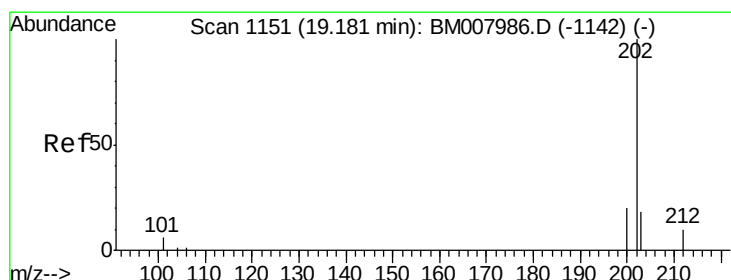
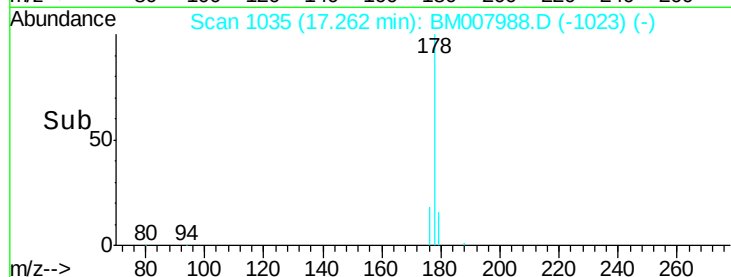
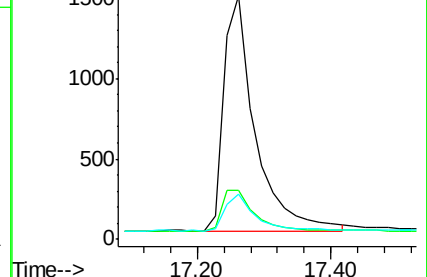
179 18.5 14.7 22.1



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: 0.79 ng/ul

RT: 19.18 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BM007988.D

Acq: 22 Nov 2016 10:58

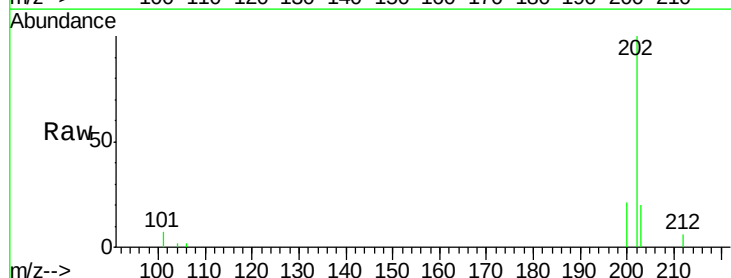
Tgt Ion:202 Resp: 5125

Ion Ratio Lower Upper

202 100

101 7.1 0.0 30.3

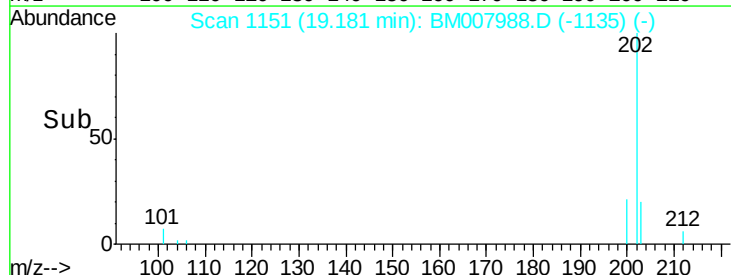
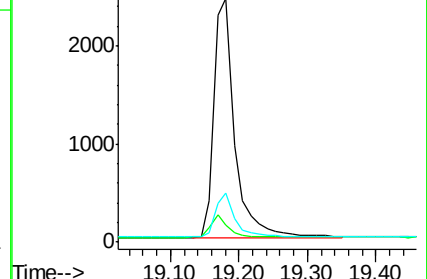
203 20.3 0.0 39.5

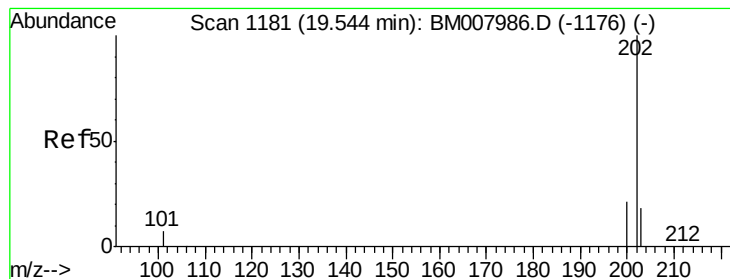


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pyrene

Concen: 1.01 ng/ul

RT: 19.54 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BM007988.D

Acq: 22 Nov 2016 10:58

Instrument :

BNA_M

ClientSampleId :

A4WK3

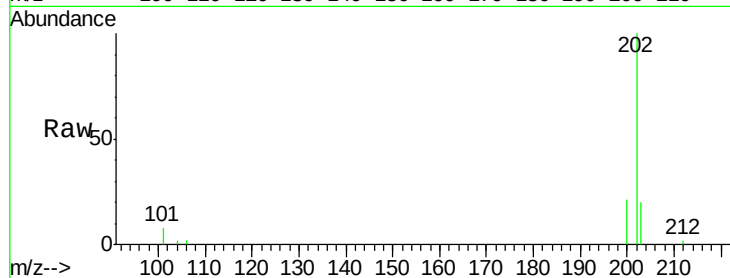
Tgt Ion:202 Resp: 5918

Ion Ratio Lower Upper

202 100

200 20.9 18.2 27.4

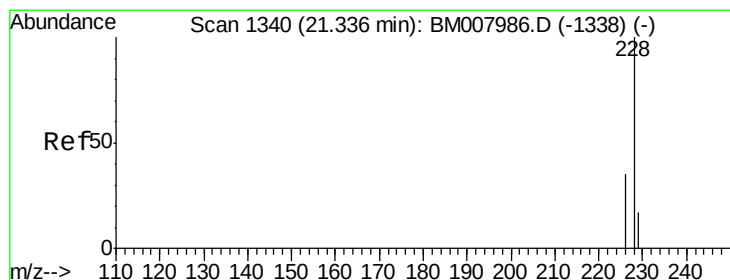
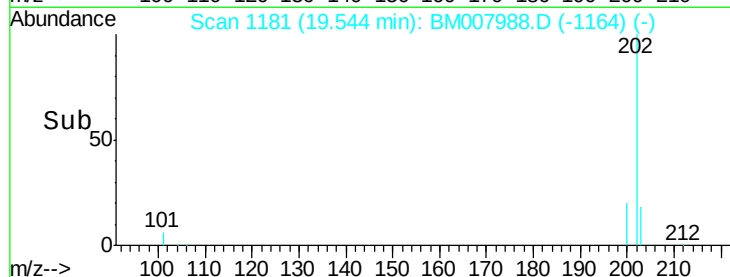
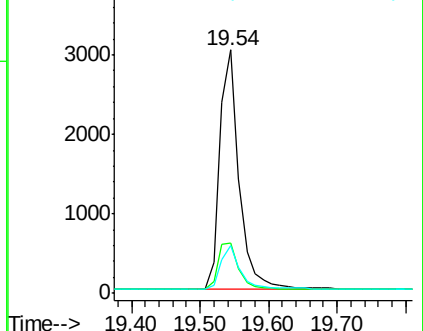
203 19.6 15.6 23.4



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



#19

Chrysene

Concen: 0.64 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BM007988.D

Acq: 22 Nov 2016 10:58

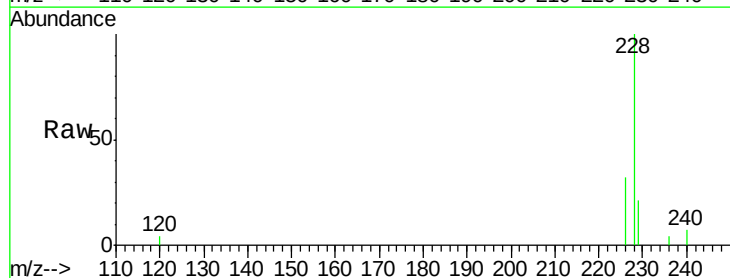
Tgt Ion:228 Resp: 4121

Ion Ratio Lower Upper

228 100

226 32.0 23.4 35.0

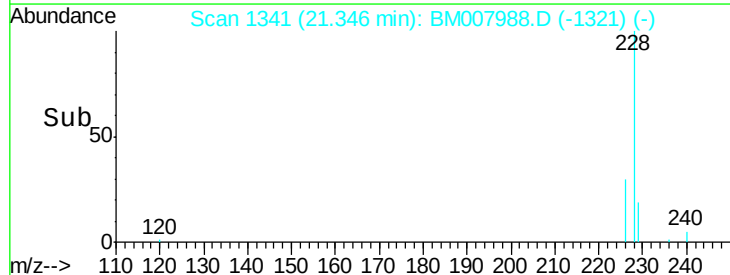
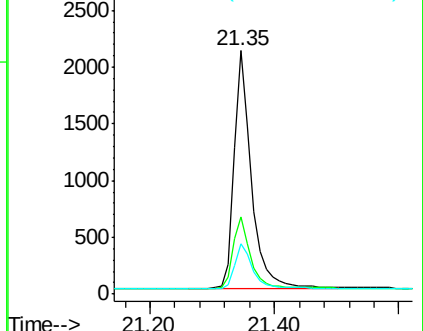
229 20.7 17.7 26.5

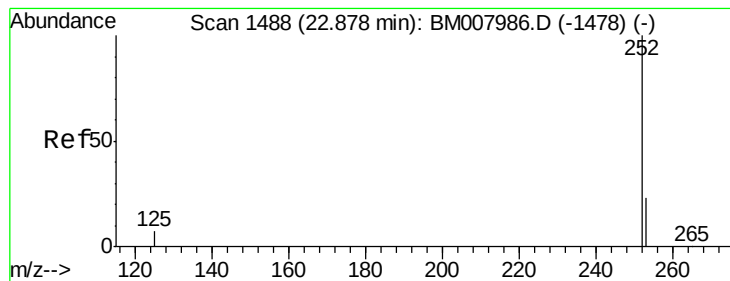


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.58 ng/ul

RT: 22.88 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BM007988.D

Acq: 22 Nov 2016 10:58

Instrument :

BNA_M

ClientSampleId :

A4WK3

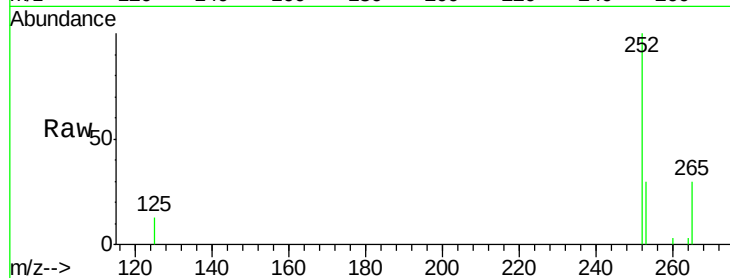
Tgt Ion:252 Resp: 3676

Ion Ratio Lower Upper

252 100

253 30.4 0.0 64.2

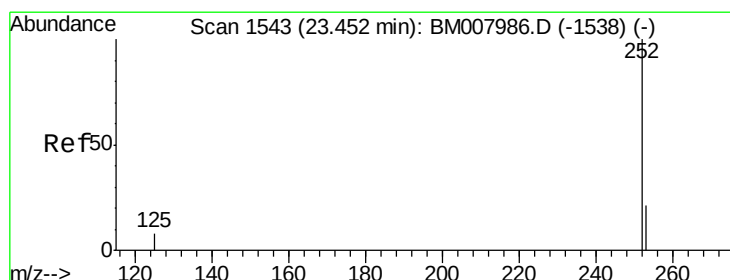
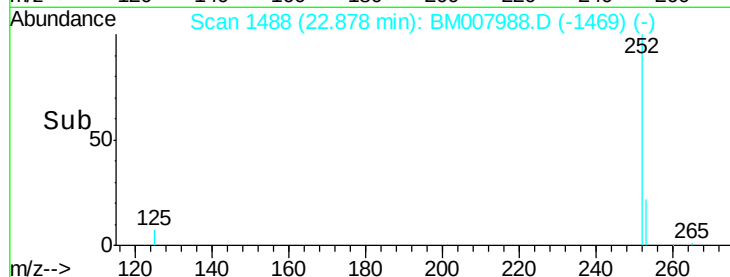
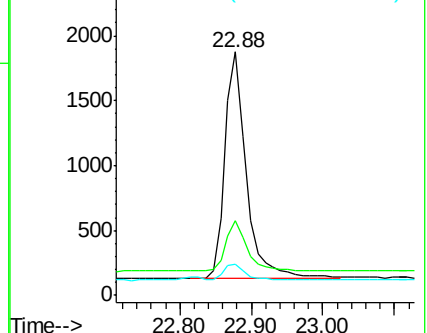
125 12.6 0.0 35.0



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



#23

Benzo(a)pyrene

Concen: 0.78 ng/ul

RT: 23.45 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BM007988.D

Acq: 22 Nov 2016 10:58

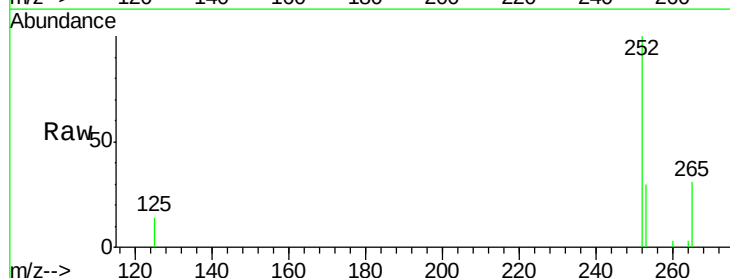
Tgt Ion:252 Resp: 4581

Ion Ratio Lower Upper

252 100

253 29.6 28.5 42.7

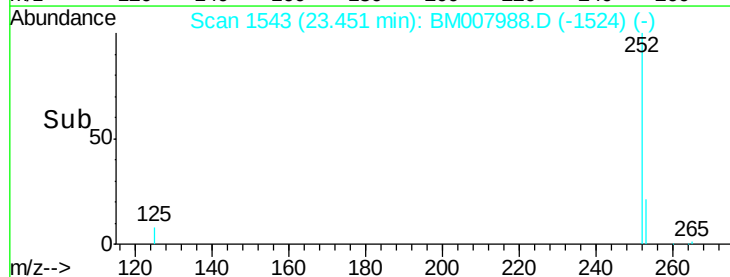
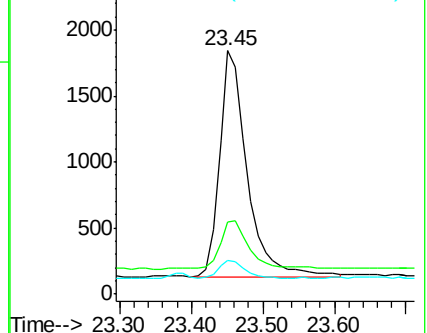
125 13.9 18.1 27.1#

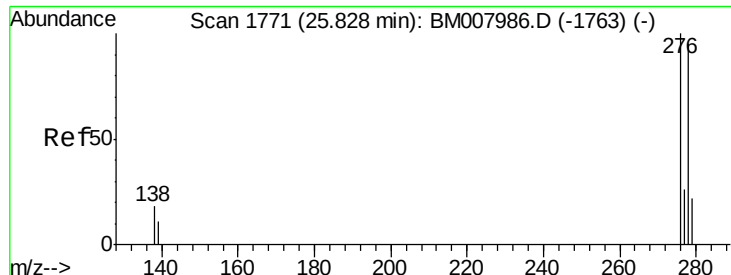


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Dibenzo(a,h)anthracene

Concen: 1.67 ng/ul

RT: 25.82 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BM007988.D

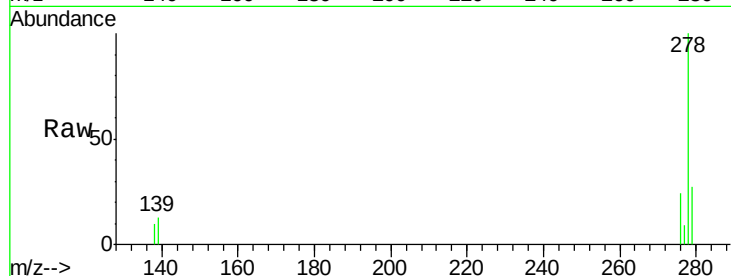
Acq: 22 Nov 2016 10:58

Instrument :

BNA_M

ClientSampleId :

A4WK3



Tgt Ion:	278	Resp:	9769
Ion	Ratio	Lower	Upper
278	100		
139	13.4	17.4	26.0#
279	26.8	25.9	38.9

