

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112116\
 Data File : BM007979.D
 Acq On : 22 Nov 2016 03:37
 Operator : UM/SJ
 Sample : H5694-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSR7

Quant Time: Nov 22 05:52:09 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 05:49:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	599	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	2005	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1213	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.19	188	138850	0.40	ng/ul	0.07
16) Chrysene-d12	21.31	240	2590	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	2784	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.12	152	709	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	1641	0.00	ng/ul	-0.01

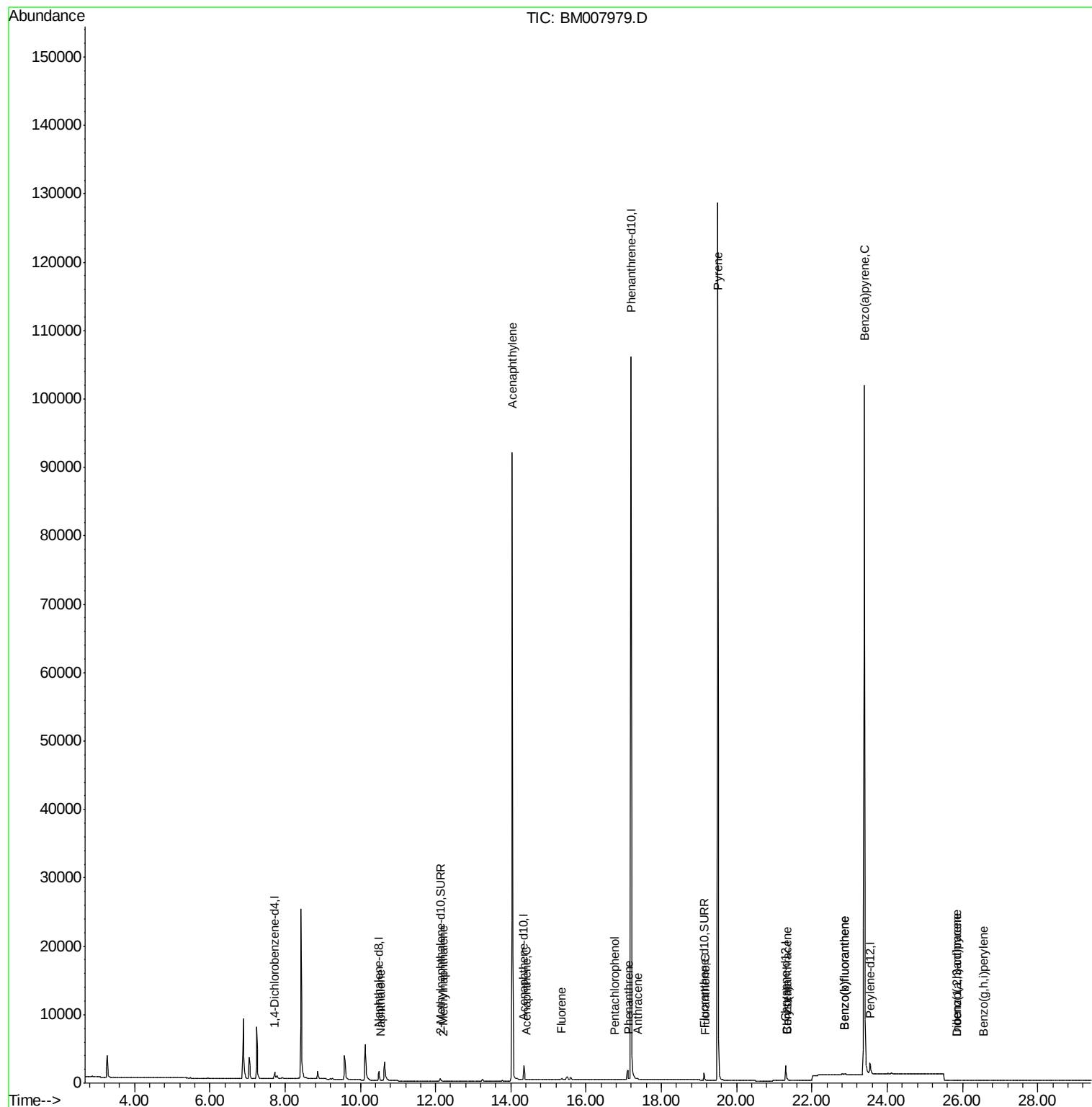
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	124	0.02	ng/ul#	1
5) 2-Methylnaphthalene	12.19	142	27	0.01	ng/ul#	71
7) Acenaphthylene	14.04	152	20	0.00	ng/ul#	1
8) Acenaphthene	14.42	153	21	0.01	ng/ul#	68
9) Fluorene	15.34	166	288	0.06	ng/ul#	38
11) Pentachlorophenol	16.76	266	7	0.00	ng/ul#	61
12) Phenanthrene	17.14	178	198	0.00	ng/ul#	38
13) Anthracene	17.38	178	6	0.00	ng/ul#	1
15) Fluoranthene	19.17	202	86	0.00	ng/ul#	1
17) Pyrene	19.50	202	338	0.04	ng/ul#	1
18) Benzo(a)anthracene	21.35	228	276	0.03	ng/ul#	49
19) Chrysene	21.35	228	283	0.03	ng/ul#	51
21) Benzo(b)fluoranthene	22.87	252	121	0.01	ng/ul#	1
22) Benzo(k)fluoranthene	22.87	252	121	0.01	ng/ul#	1
23) Benzo(a)pyrene	23.39	252	633	0.06	ng/ul#	29
24) Indeno(1,2,3-cd)pyrene	25.86	276	39	0.00	ng/ul#	67
25) Dibenzo(a,h)anthracene	25.85	278	36	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.55	276	47	0.00	ng/ul#	1

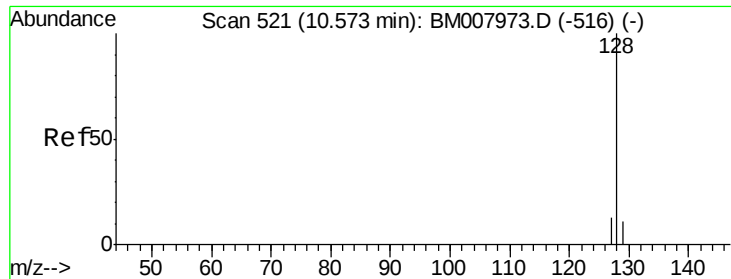
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112116\
Data File : BM007979.D
Acq On : 22 Nov 2016 03:37
Operator : UM/SJ
Sample : H5694-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSR7

Quant Time: Nov 22 05:52:09 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 05:49:20 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.02 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

Instrument :

BNA_M

ClientSampleId :

JHSR7

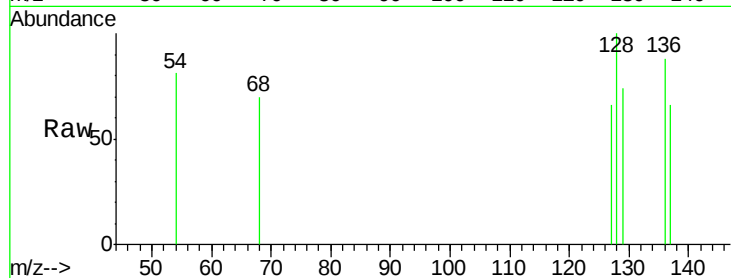
Tgt Ion:128 Resp: 124

Ion Ratio Lower Upper

128 100

129 74.0 11.3 16.9#

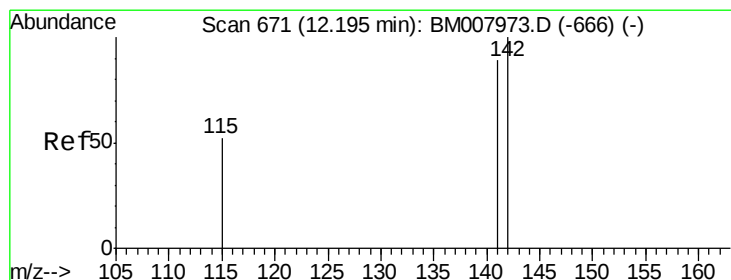
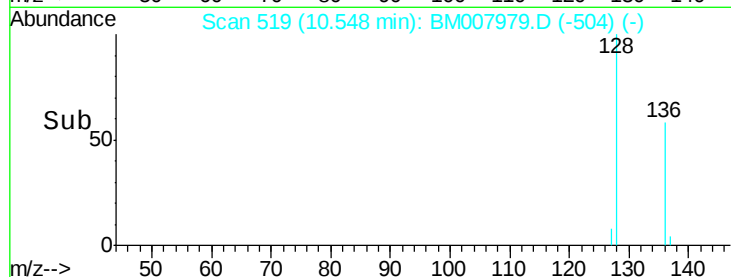
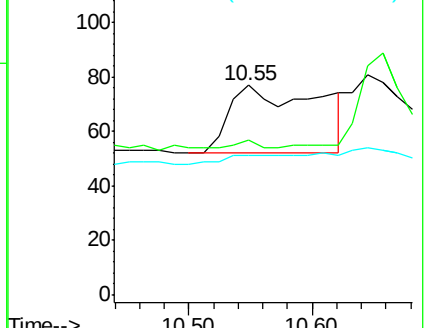
127 66.2 12.8 19.2#



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



#5

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 12.19 min Scan# 671

Delta R.T. -0.00 min

Lab File: BM007979.D

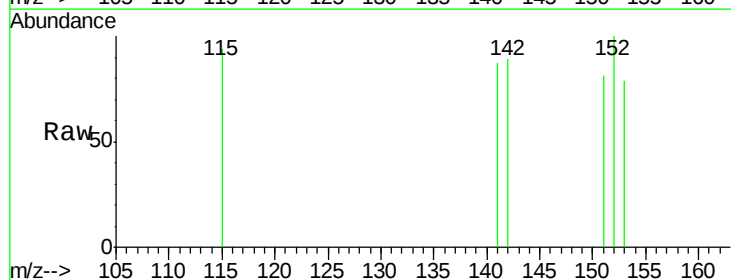
Acq: 22 Nov 2016 03:37

Tgt Ion:142 Resp: 27

Ion Ratio Lower Upper

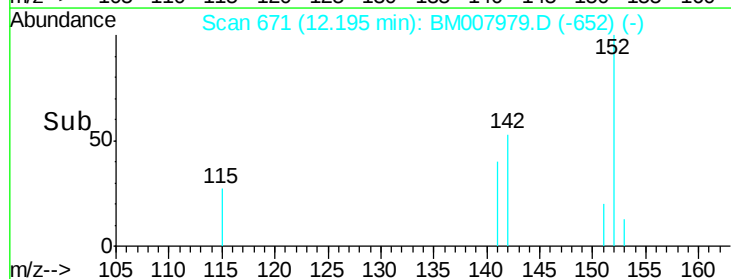
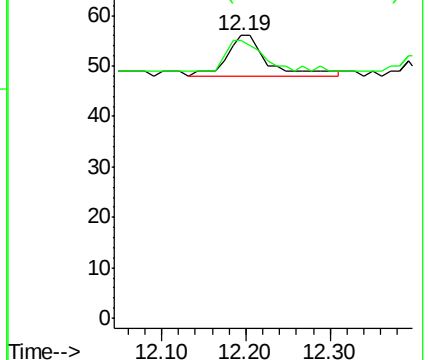
142 100

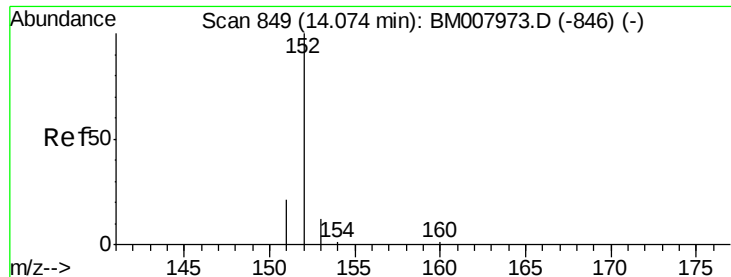
141 63.0 72.6 108.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.03 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

Instrument :

BNA_M

ClientSampleId :

JHSR7

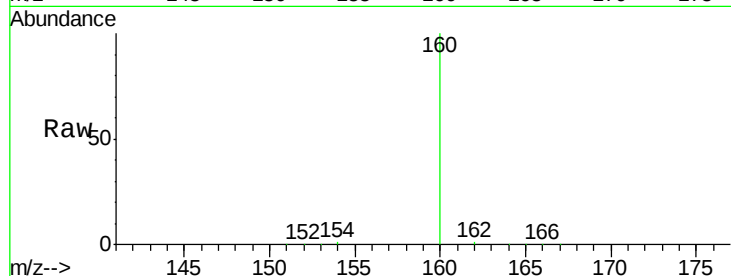
Tgt Ion:152 Resp: 20

Ion Ratio Lower Upper

152 100

151 90.9 17.1 25.7#

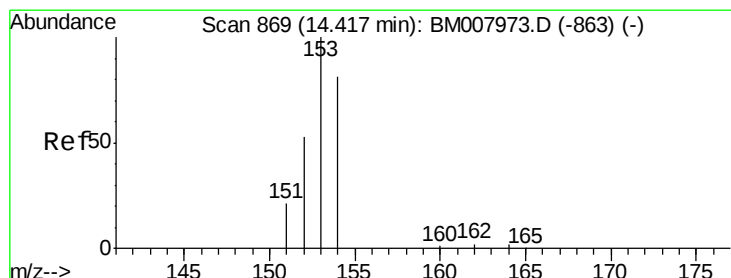
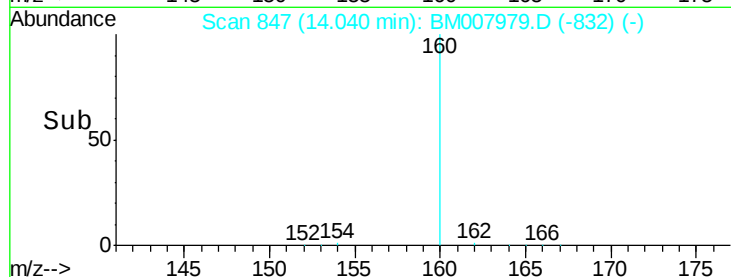
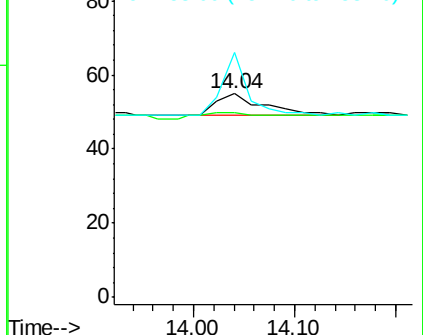
153 120.0 12.8 19.2#



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



#8

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

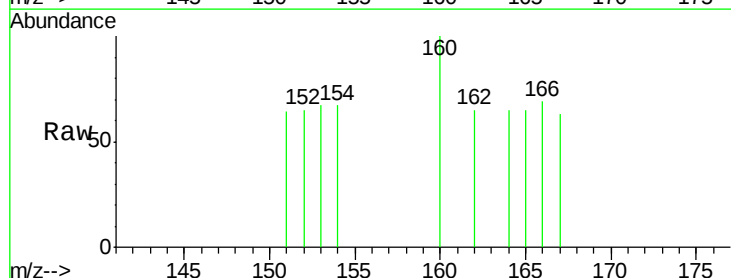
Tgt Ion:153 Resp: 21

Ion Ratio Lower Upper

153 100

152 98.1 40.3 60.5#

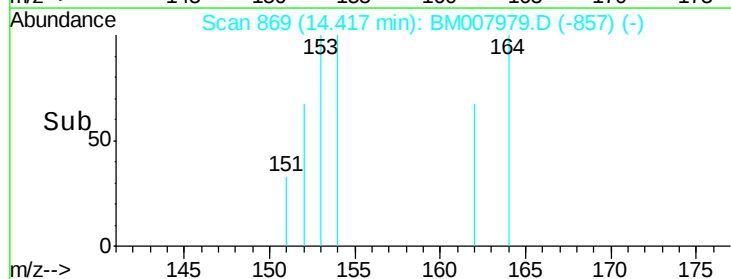
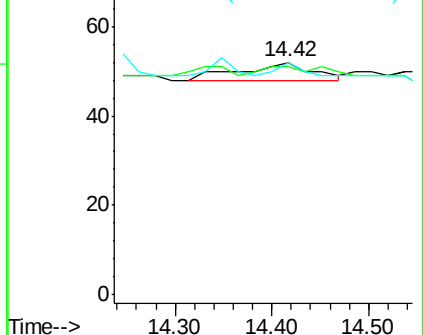
154 100.0 71.4 107.2

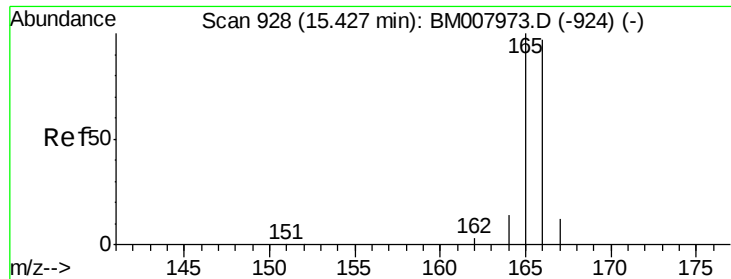


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.06 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.09 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

Instrument :

BNA_M

ClientSampleId :

JHSR7

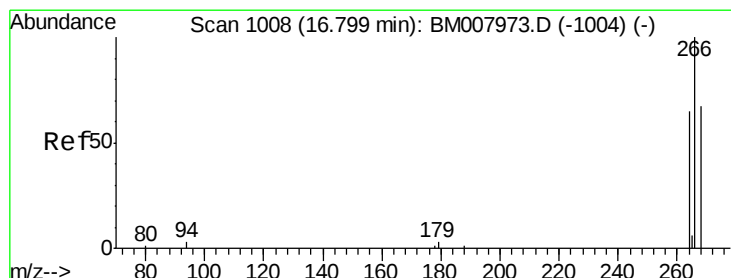
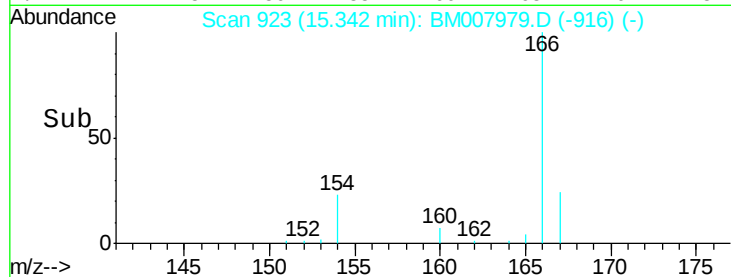
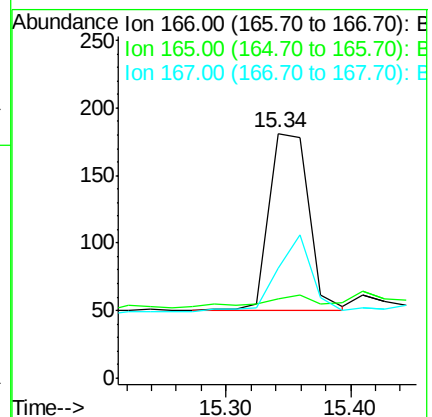
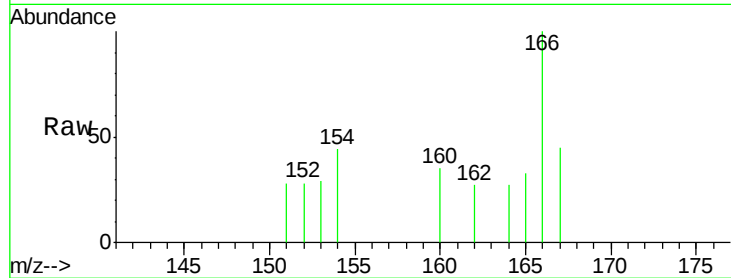
Tgt Ion:166 Resp: 288

Ion Ratio Lower Upper

166 100

165 32.6 73.4 110.2#

167 44.8 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.76 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

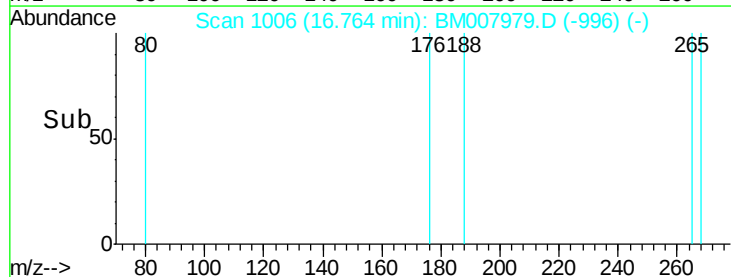
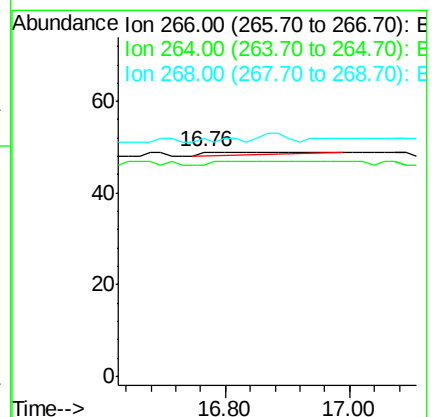
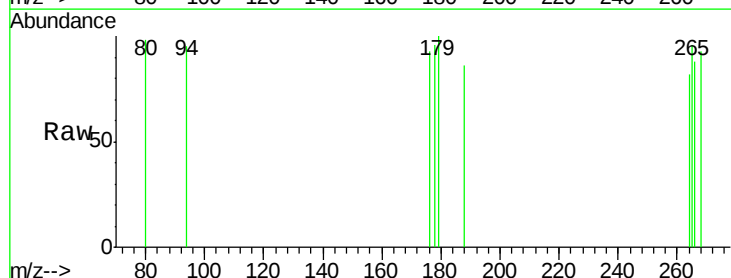
Tgt Ion:266 Resp: 7

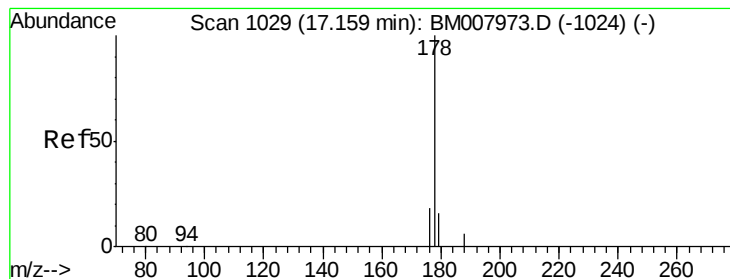
Ion Ratio Lower Upper

266 100

264 100.0 47.9 71.9#

268 42.9 49.8 74.8#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.14 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

Instrument :

BNA_M

ClientSampleId :

JHSR7

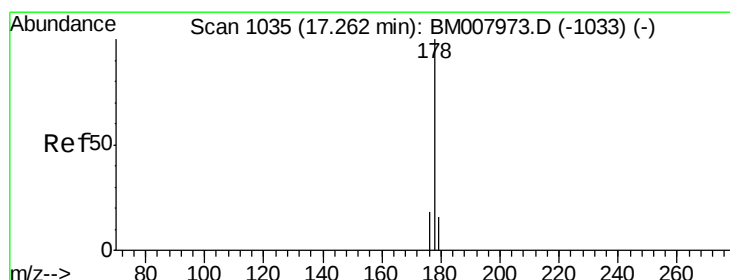
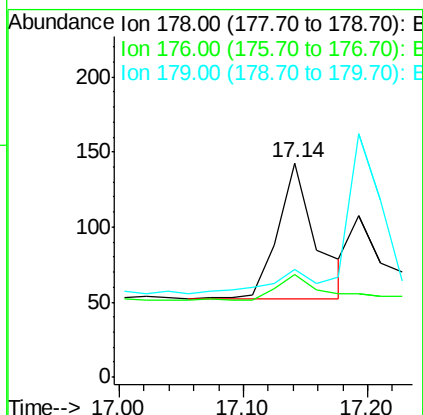
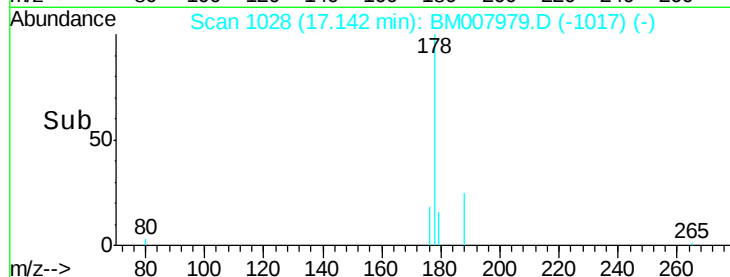
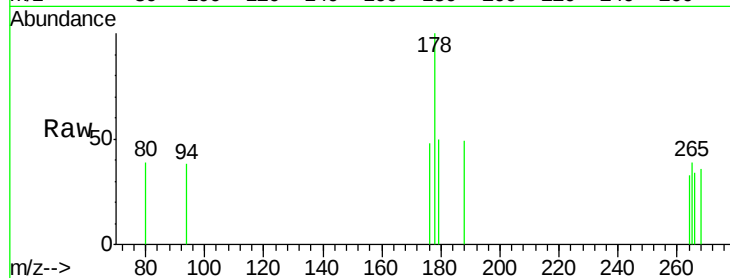
Tgt Ion:178 Resp: 198

Ion Ratio Lower Upper

178 100

176 47.6 18.4 27.6#

179 50.3 13.6 20.4#



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.38 min Scan# 1042

Delta R.T. 0.12 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

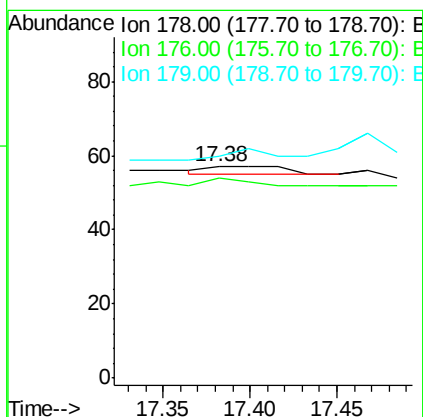
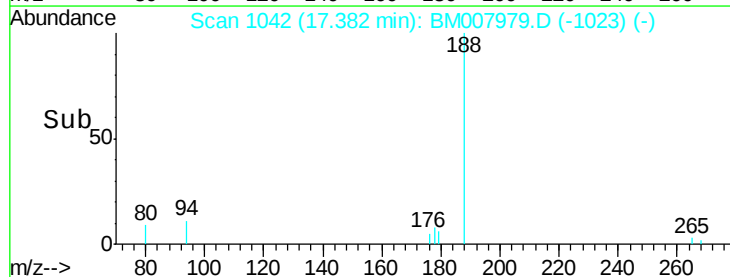
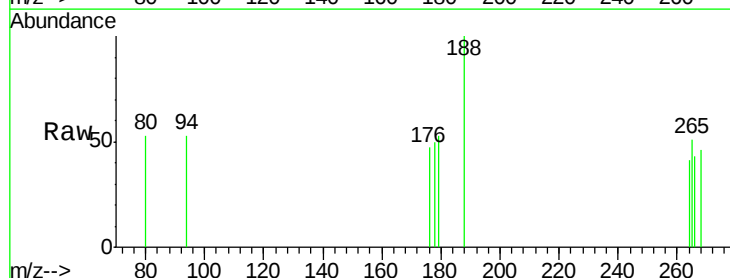
Tgt Ion:178 Resp: 6

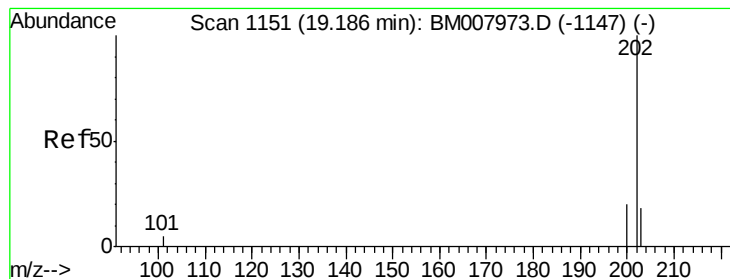
Ion Ratio Lower Upper

178 100

176 94.7 18.1 27.1#

179 105.3 14.7 22.1#





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.17 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

Instrument :

BNA_M

ClientSampleId :

JHSR7

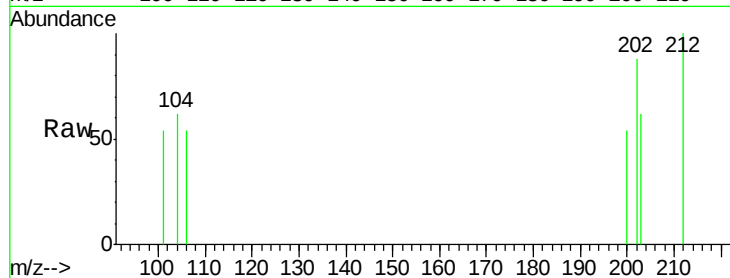
Tgt Ion:202 Resp: 86

Ion Ratio Lower Upper

202 100

101 60.9 0.0 30.3#

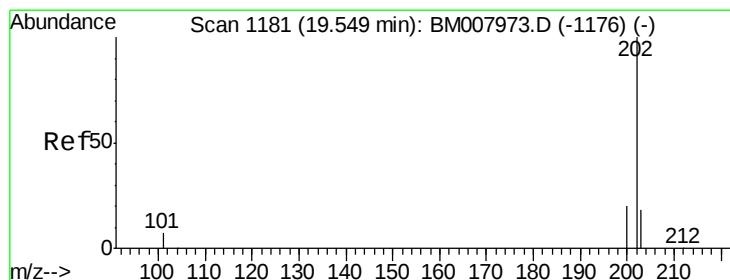
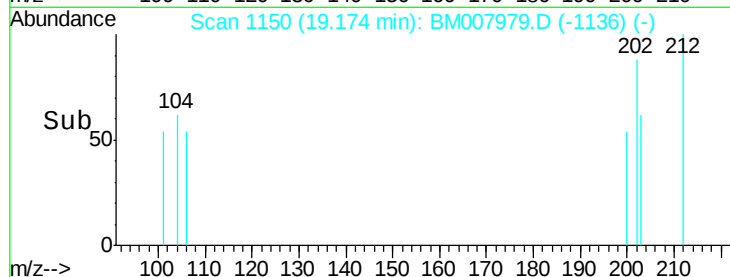
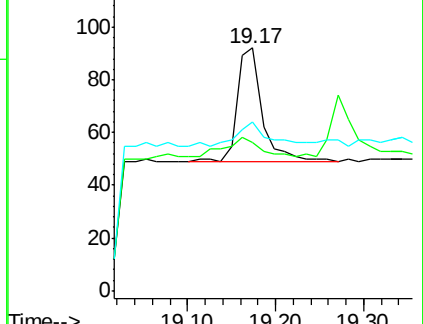
203 69.6 0.0 39.5#



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: 0.04 ng/ul

RT: 19.50 min Scan# 1177

Delta R.T. -0.05 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

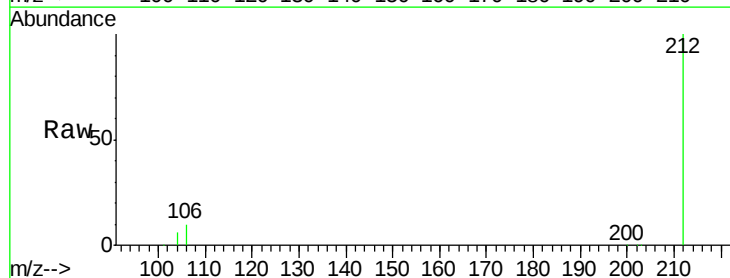
Tgt Ion:202 Resp: 338

Ion Ratio Lower Upper

202 100

200 23.2 18.2 27.4

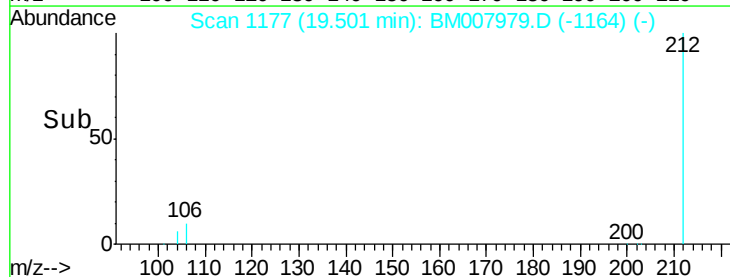
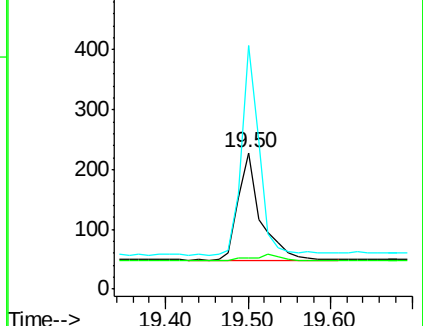
203 178.5 15.6 23.4#

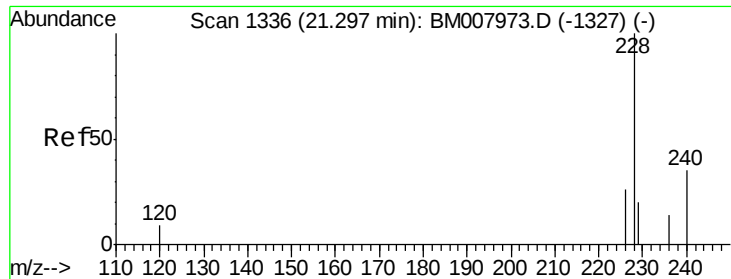


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. 0.05 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

Instrument :

BNA_M

ClientSampleId :

JHSR7

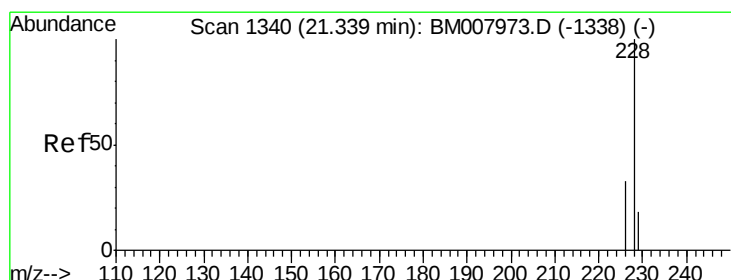
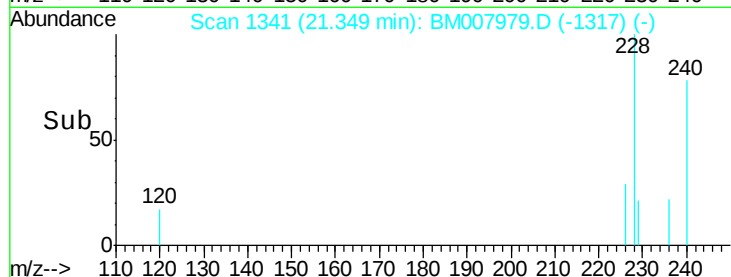
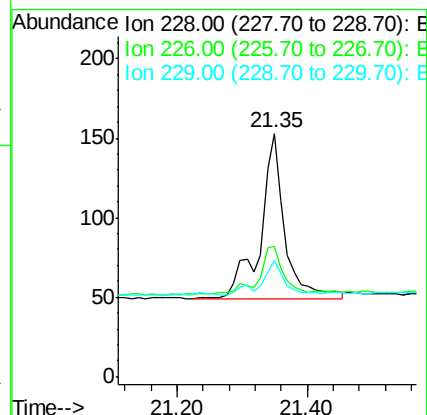
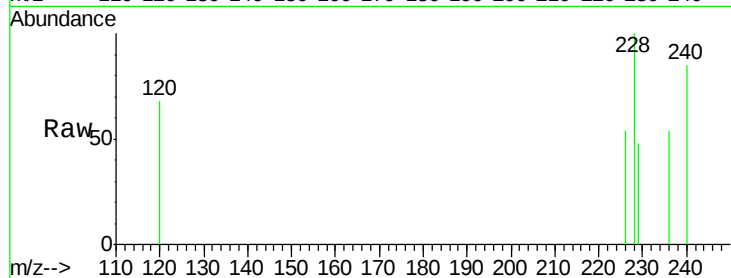
Tgt Ion:228 Resp: 276

Ion Ratio Lower Upper

228 100

226 53.6 22.8 34.2#

229 47.7 17.0 25.6#



#19

Chrysene

Concen: 0.03 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

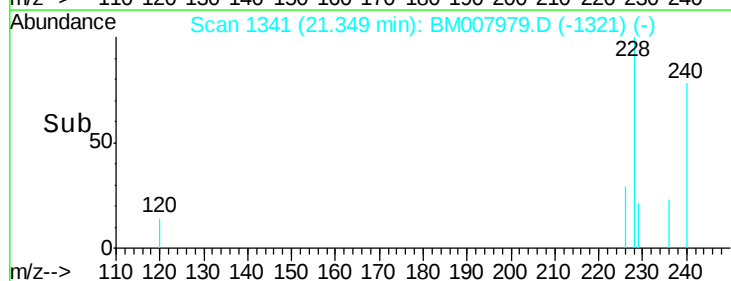
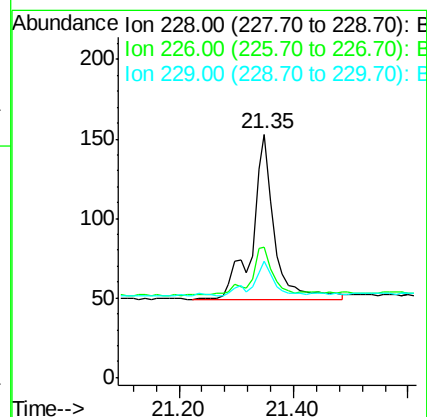
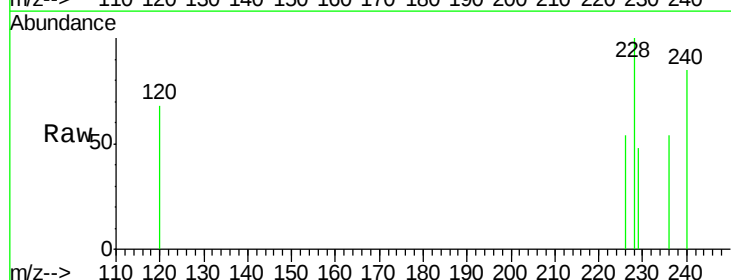
Tgt Ion:228 Resp: 283

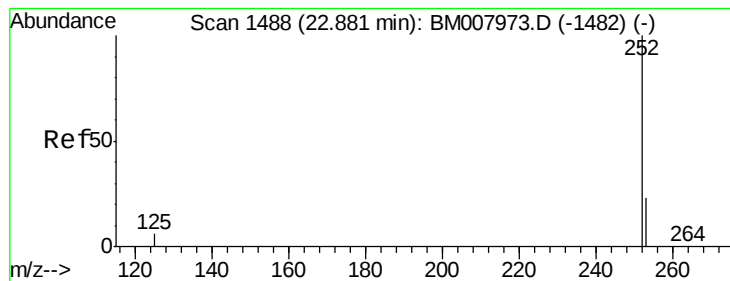
Ion Ratio Lower Upper

228 100

226 53.6 23.4 35.0#

229 47.7 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 22.87 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

Instrument :

BNA_M

ClientSampleId :

JHSR7

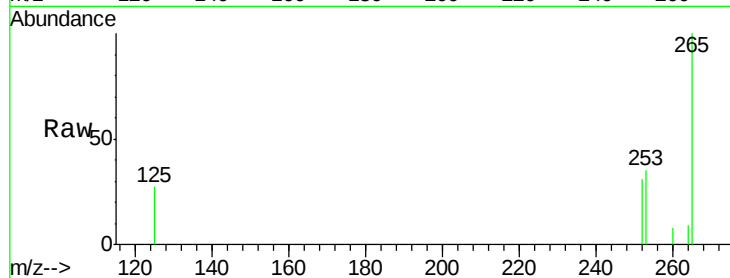
Tgt Ion:252 Resp: 121

Ion Ratio Lower Upper

252 100

253 114.4 0.0 64.2#

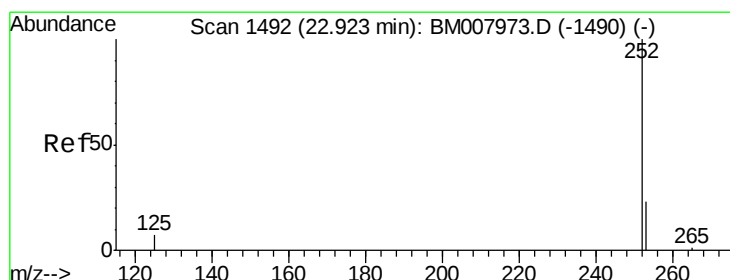
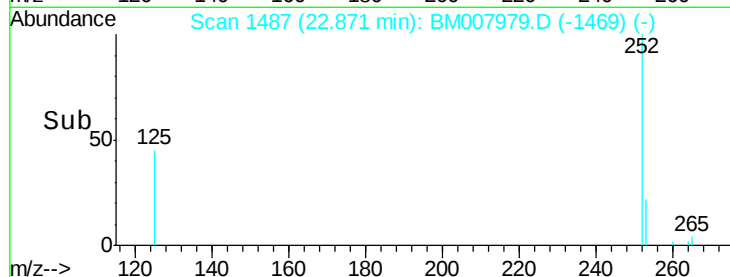
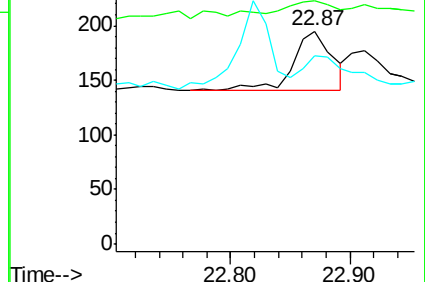
125 88.2 0.0 35.0#



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: 0.01 ng/ul

RT: 22.87 min Scan# 1487

Delta R.T. -0.05 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

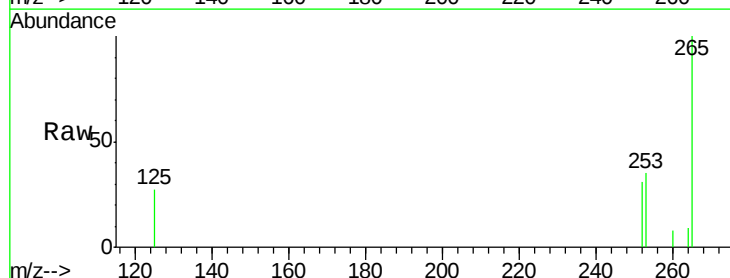
Tgt Ion:252 Resp: 121

Ion Ratio Lower Upper

252 100

253 114.4 24.5 36.7#

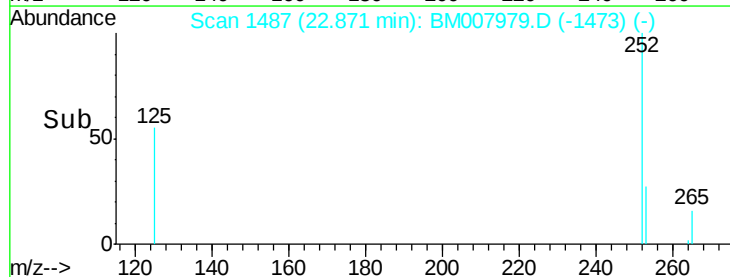
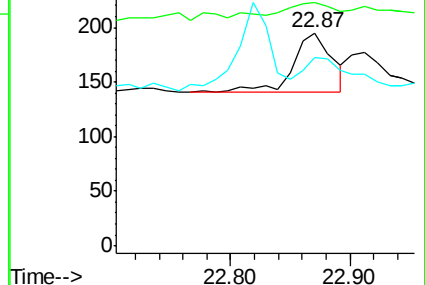
125 88.2 13.7 20.5#

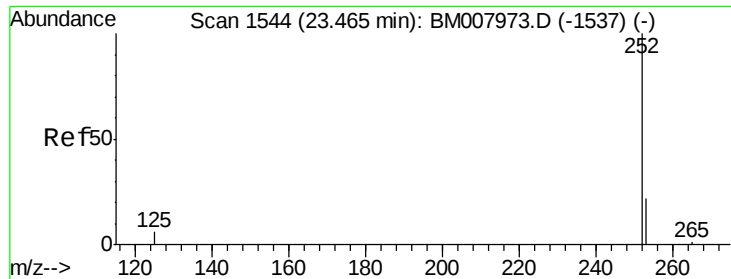


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.06 ng/ul

RT: 23.39 min Scan# 1537

Delta R.T. -0.07 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

Instrument :

BNA_M

ClientSampleId :

JHSR7

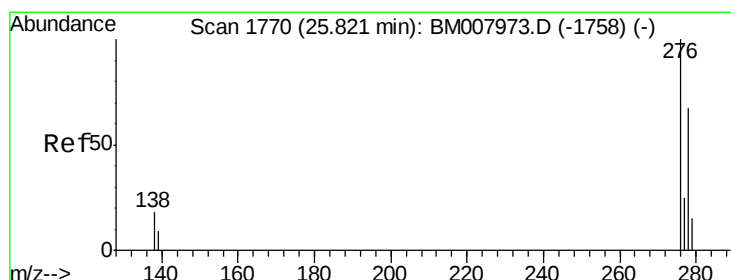
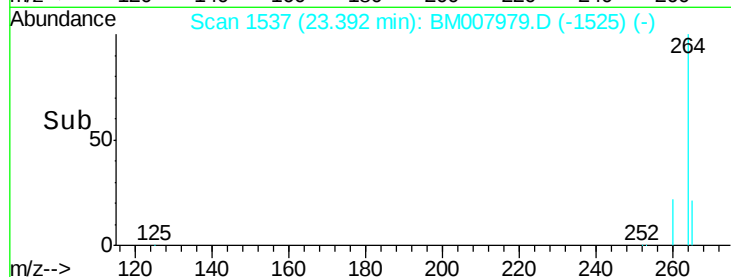
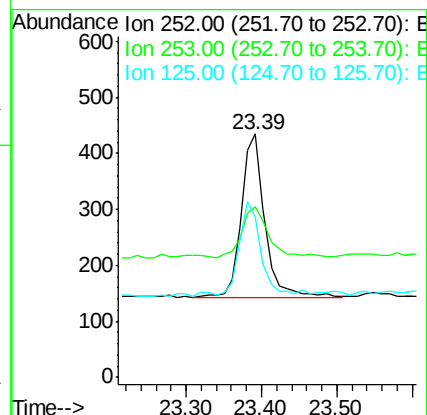
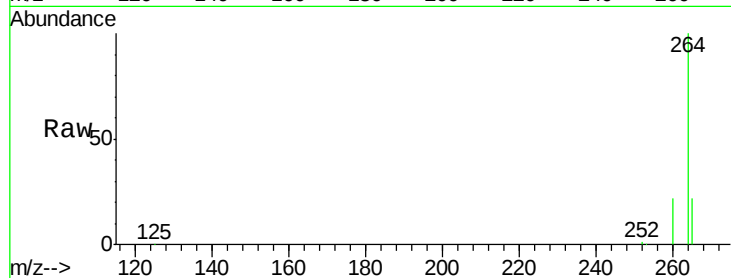
Tgt Ion: 252 Resp: 633

Ion Ratio Lower Upper

252 100

253 69.9 28.5 42.7#

125 65.7 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.86 min Scan# 1774

Delta R.T. 0.04 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

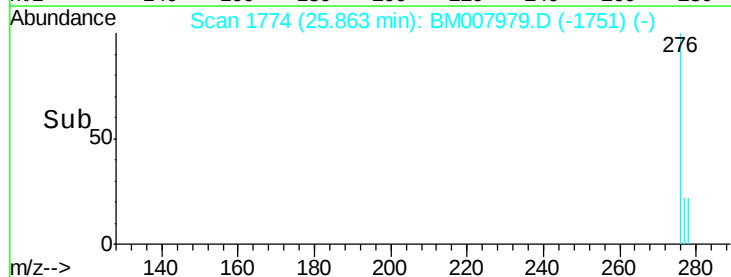
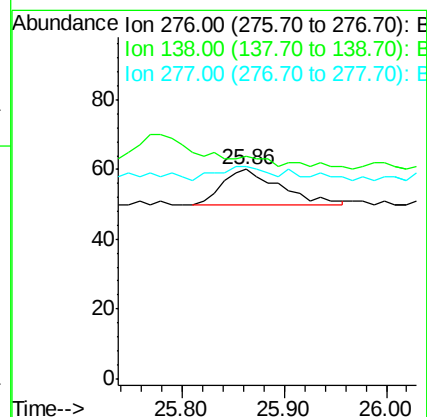
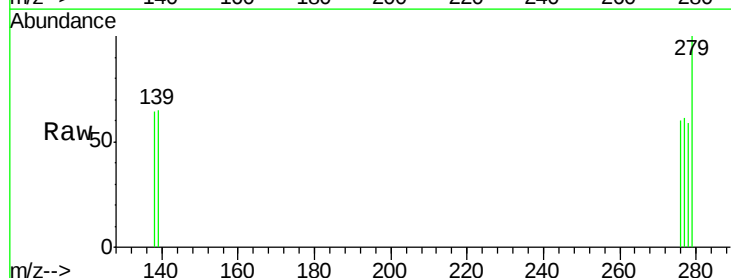
Tgt Ion: 276 Resp: 39

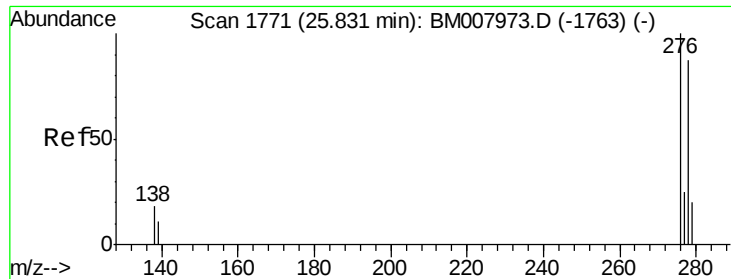
Ion Ratio Lower Upper

276 100

138 0.0 19.1 28.7#

277 33.3 19.6 29.4#





#25

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.85 min Scan# 1773

Delta R.T. 0.02 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

Instrument :

BNA_M

ClientSampleId :

JHSR7

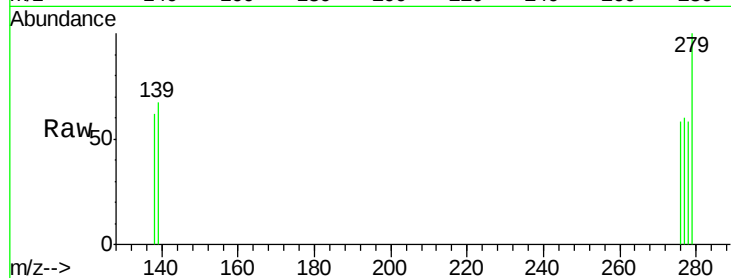
Tgt Ion:278 Resp: 36

Ion Ratio Lower Upper

278 100

139 115.3 17.4 26.0#

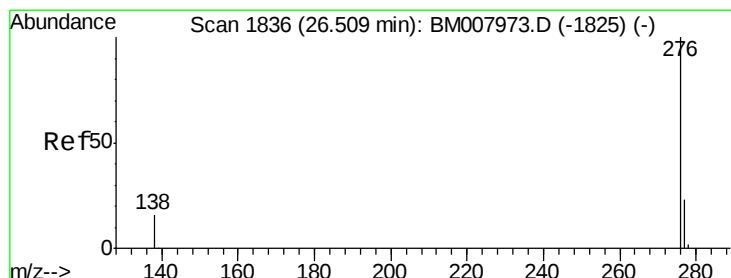
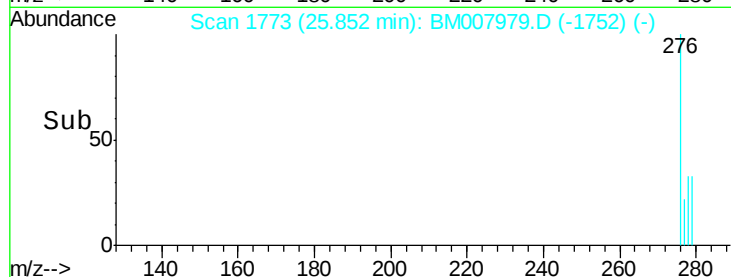
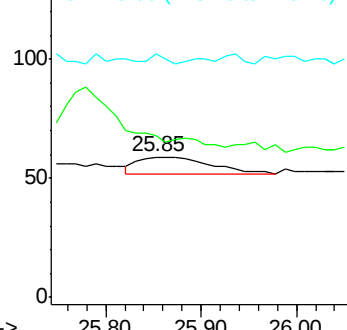
279 172.9 25.9 38.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.55 min Scan# 1840

Delta R.T. 0.04 min

Lab File: BM007979.D

Acq: 22 Nov 2016 03:37

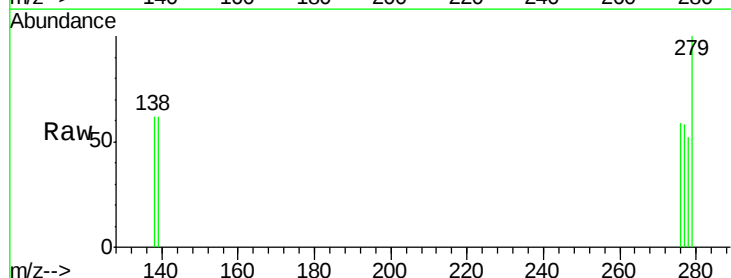
Tgt Ion:276 Resp: 47

Ion Ratio Lower Upper

276 100

277 98.3 21.8 32.8#

138 105.0 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

