

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083016\
 Data File : BM007351.D
 Acq On : 30 Aug 2016 20:29
 Operator : UM/SJ
 Sample : MDL-BLK-W
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-W

Quant Time: Aug 31 02:17:29 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 23:46:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1327	0.40	ng/ul	0.00
2) Naphthalene-d8	10.60	136	5589	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.43	164	3953	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.18	188	10757	0.40	ng/ul	0.00
16) Chrysene-d12	21.36	240	11020	0.40	ng/ul	0.00
20) Perylene-d12	23.62	264	10288	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.18	152	2167	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.21	212	7616	0.31	ng/ul	0.00

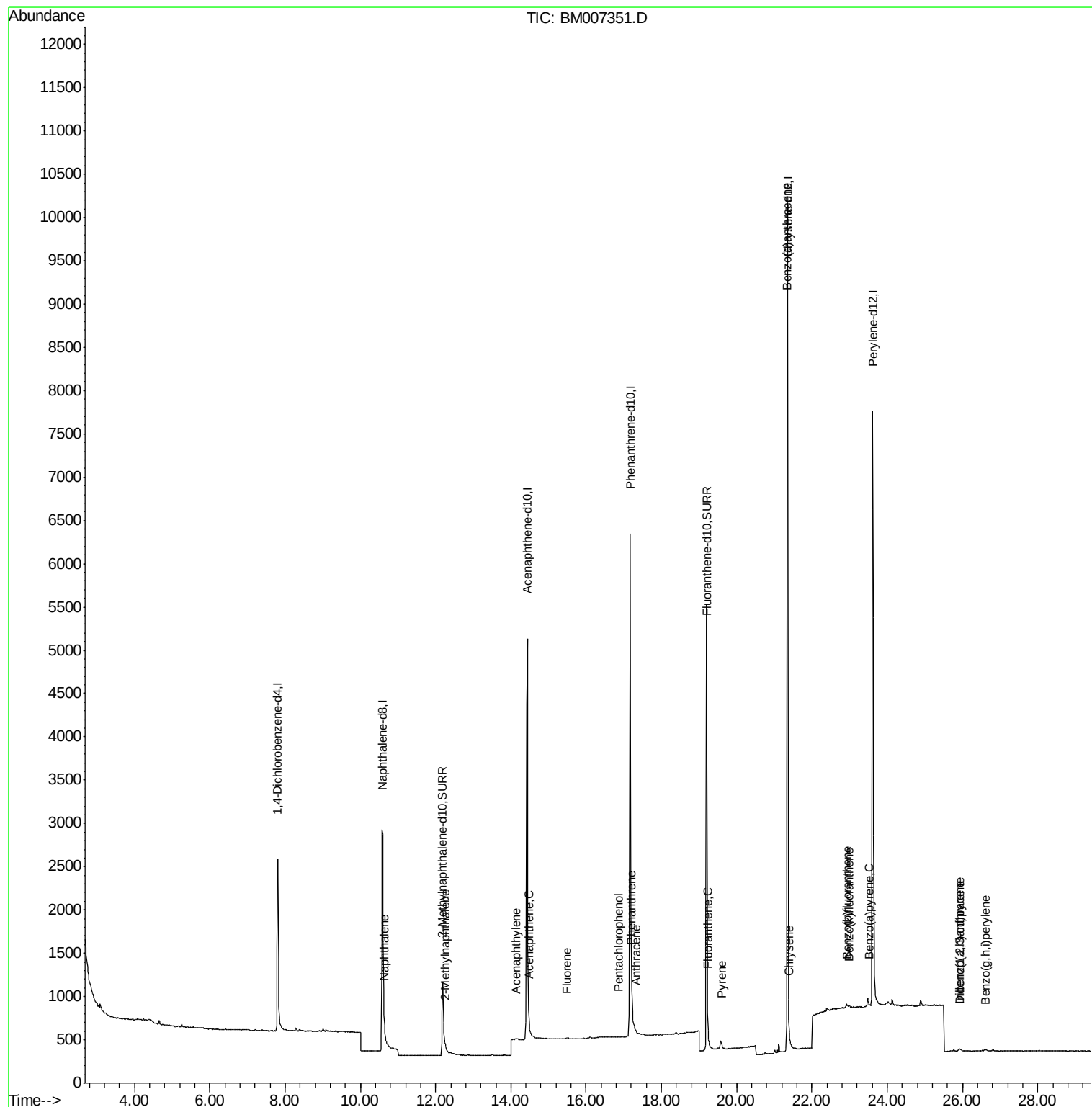
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.65	128	47	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.26	142	13	0.00	ng/ul#	80
7) Acenaphthylene	14.14	152	5	0.00	ng/ul#	1
8) Acenaphthene	14.49	153	18	0.00	ng/ul#	72
9) Fluorene	15.50	166	13	0.00	ng/ul#	45
11) Pentachlorophenol	16.85	266	4	0.00	ng/ul#	20
12) Phenanthrene	17.21	178	67	0.00	ng/ul#	1
13) Anthracene	17.31	178	20	0.00	ng/ul#	1
15) Fluoranthene	19.23	202	75	0.00	ng/ul#	1
17) Pyrene	19.59	202	78	0.00	ng/ul#	1
18) Benzo(a)anthracene	21.35	228	97	0.00	ng/ul#	11
19) Chrysene	21.39	228	73	0.00	ng/ul#	7
21) Benzo(b)fluoranthene	22.94	252	65	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.98	252	44	0.00	ng/ul#	1
23) Benzo(a)pyrene	23.51	252	46	0.00	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.92	276	69	0.00	ng/ul#	63
25) Dibenzo(a,h)anthracene	25.93	278	68	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.61	276	48	0.00	ng/ul#	1

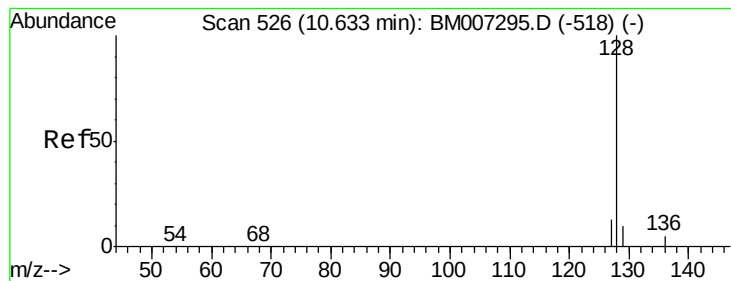
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.65 min Scan# 527

Delta R.T. 0.01 min

Lab File: BM007351.D

Acq: 30 Aug 2016 20:29

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

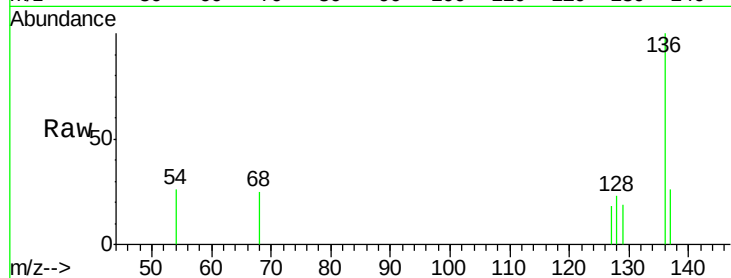
Tgt Ion:128 Resp: 47

Ion Ratio Lower Upper

128 100

129 84.4 9.0 13.6#

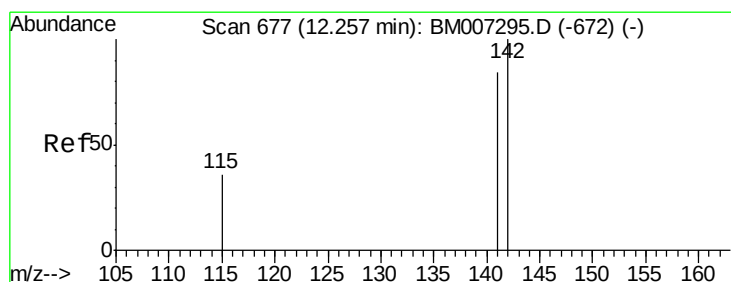
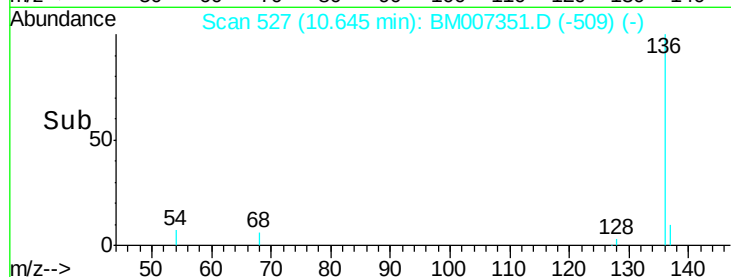
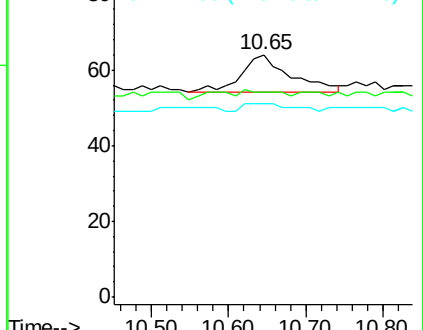
127 79.7 9.6 14.4#



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: 0.00 ng/ul

RT: 12.26 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM007351.D

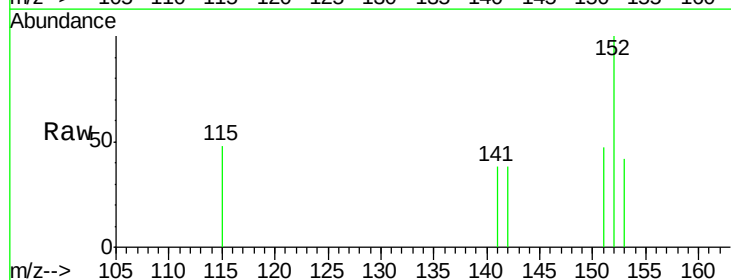
Acq: 30 Aug 2016 20:29

Tgt Ion:142 Resp: 13

Ion Ratio Lower Upper

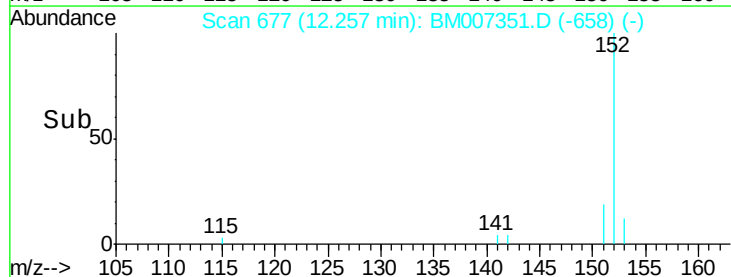
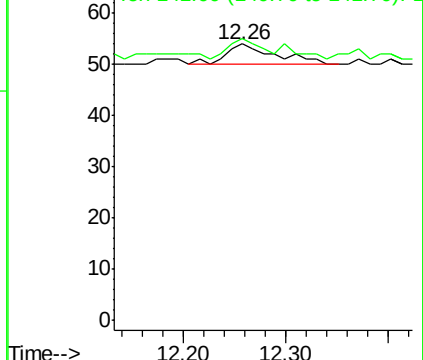
142 100

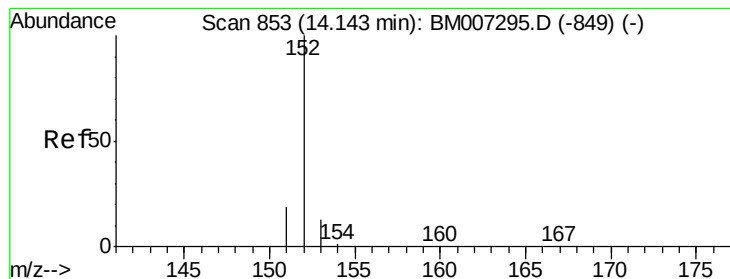
141 69.2 70.3 105.5#



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: 14.14 min Scan# 853

Delta R.T. -0.00 min

Lab File: BM007351.D

Acq: 30 Aug 2016 20:29

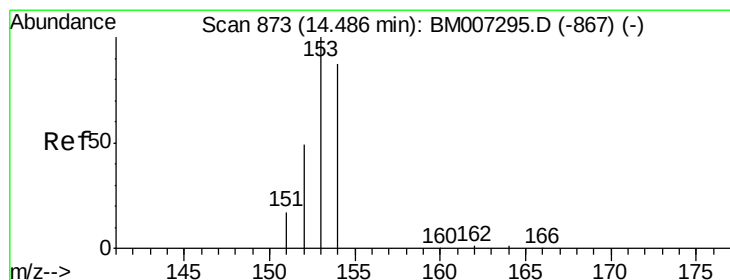
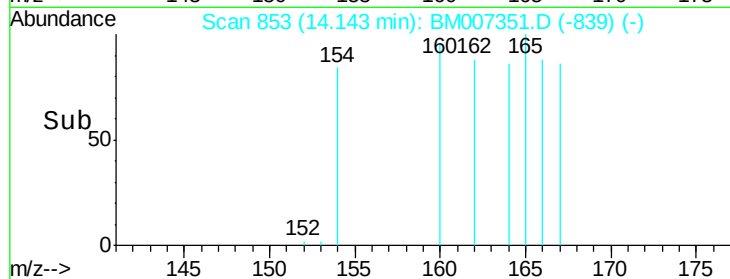
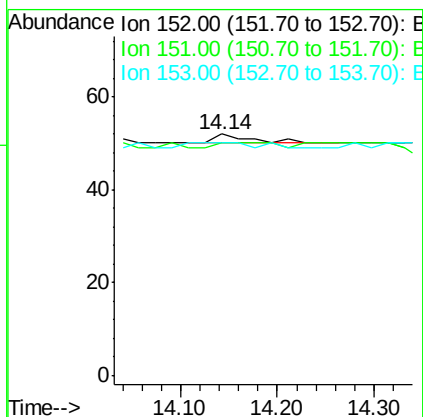
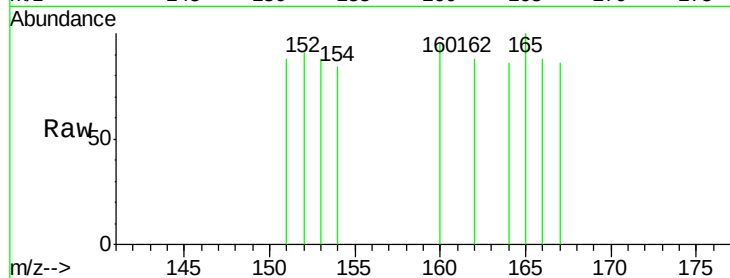
Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

Tgt Ion:	152	Resp:	5
Ion	Ratio	Lower	Upper
152	100		
151	96.2	17.6	26.4#
153	96.2	9.7	14.5#



#8

Acenaphthene

Concen: 0.00 ng/ul

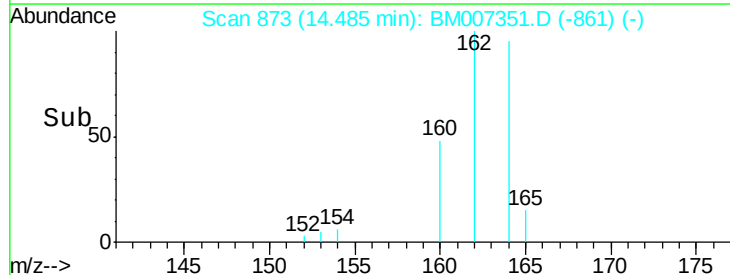
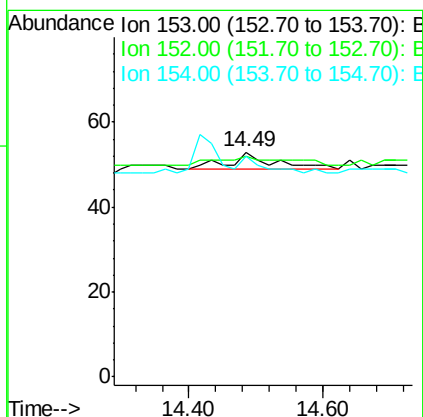
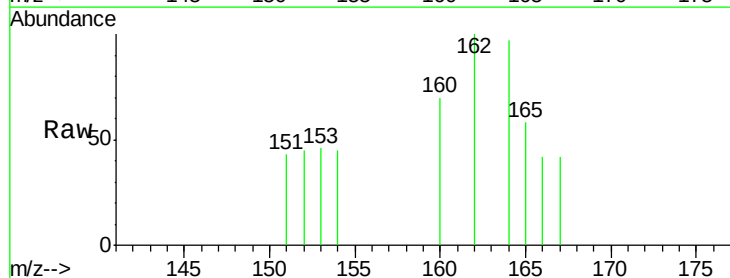
RT: 14.49 min Scan# 873

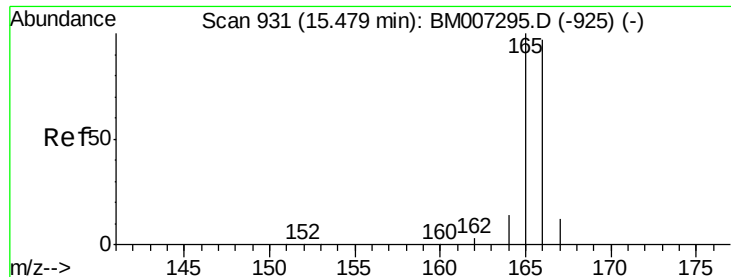
Delta R.T. -0.00 min

Lab File: BM007351.D

Acq: 30 Aug 2016 20:29

Tgt Ion:	153	Resp:	18
Ion	Ratio	Lower	Upper
153	100		
152	98.1	33.9	50.9#
154	98.1	80.6	121.0





#9

Fluorene

Concen: 0.00 ng/ul

RT: 15.50 min Scan# 932

Delta R.T. 0.02 min

Lab File: BM007351.D

Acq: 30 Aug 2016 20:29

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

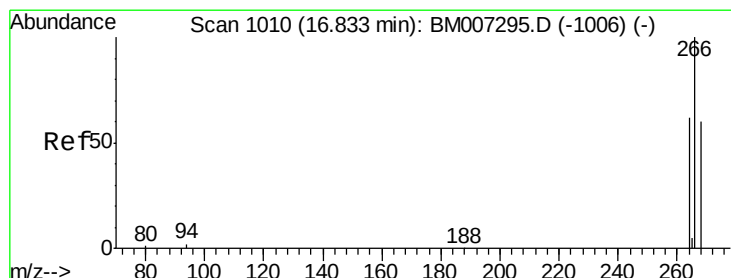
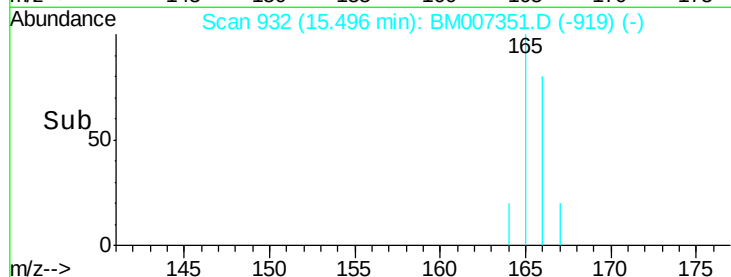
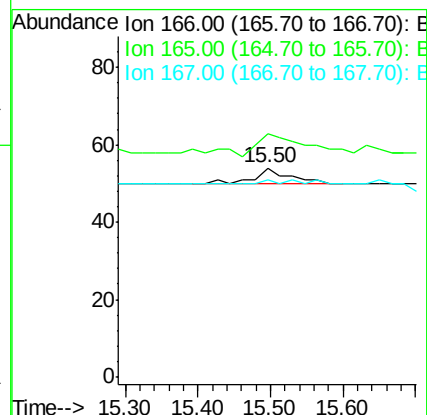
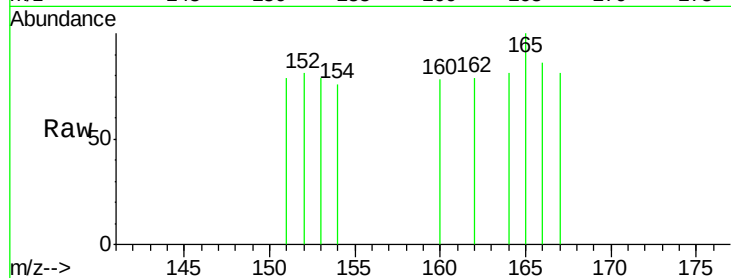
Tgt Ion:166 Resp: 13

Ion Ratio Lower Upper

166 100

165 116.7 69.6 104.4#

167 94.4 11.9 17.9#



#11

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.85 min Scan# 1011

Delta R.T. 0.02 min

Lab File: BM007351.D

Acq: 30 Aug 2016 20:29

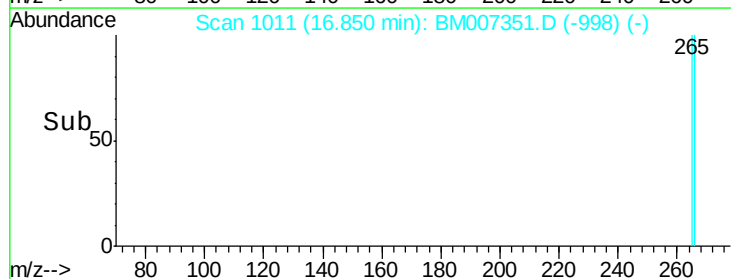
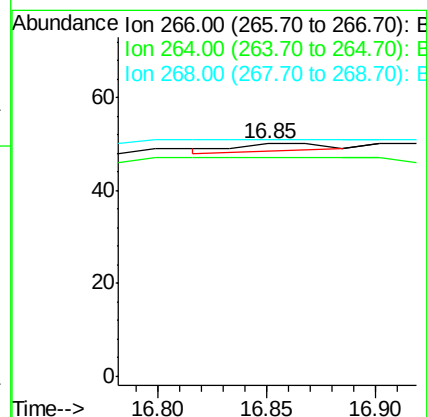
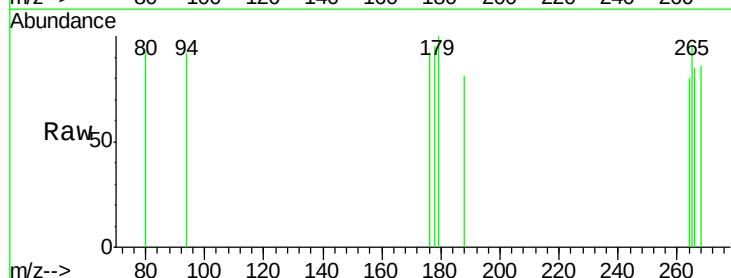
Tgt Ion:266 Resp: 4

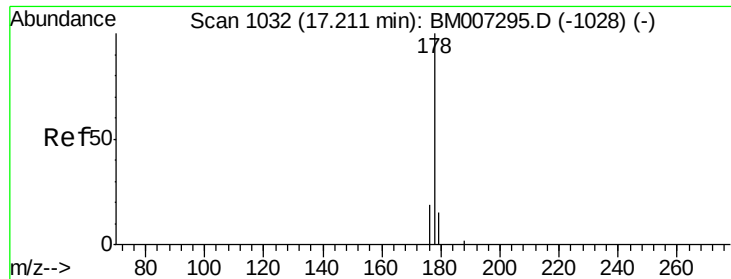
Ion Ratio Lower Upper

266 100

264 0.0 51.8 77.8#

268 0.0 46.8 70.2#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BM007351.D

Acq: 30 Aug 2016 20:29

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

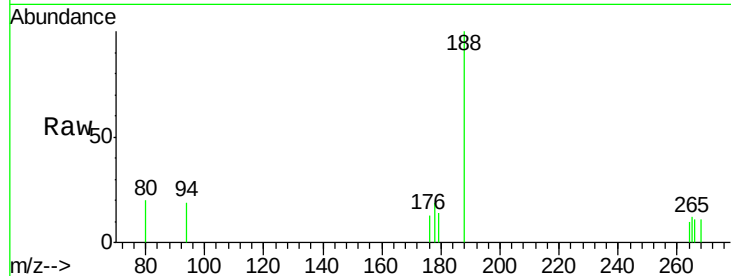
Tgt Ion:178 Resp: 67

Ion Ratio Lower Upper

178 100

176 69.3 13.0 19.4#

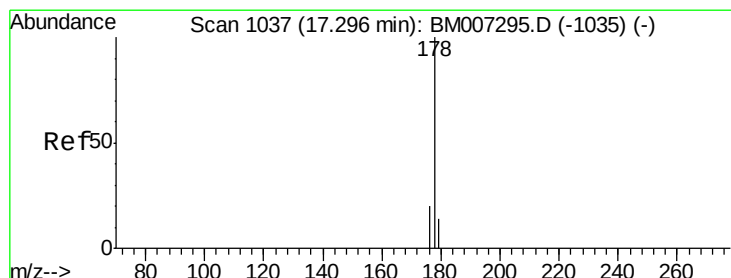
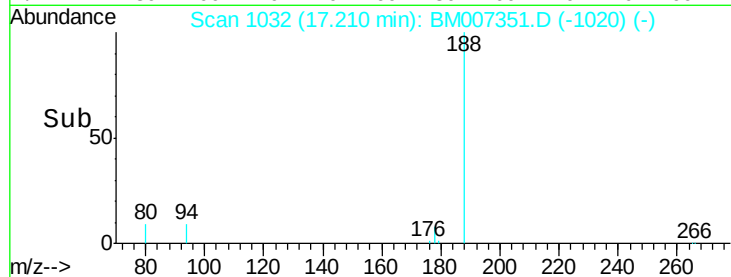
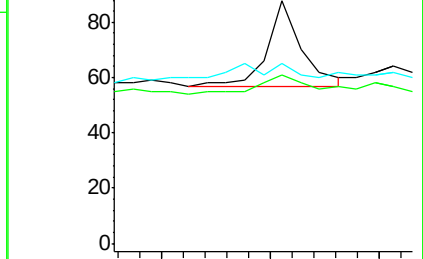
179 73.9 14.2 21.2#



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: 0.00 ng/ul

RT: 17.31 min Scan# 1038

Delta R.T. 0.02 min

Lab File: BM007351.D

Acq: 30 Aug 2016 20:29

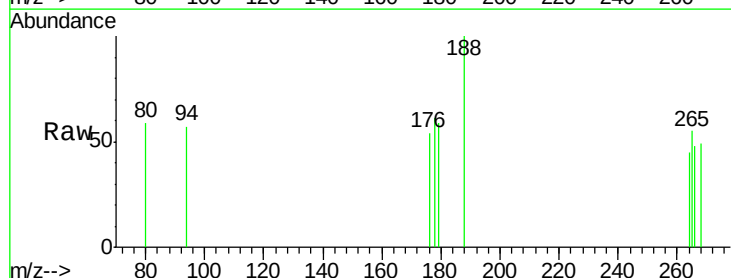
Tgt Ion:178 Resp: 20

Ion Ratio Lower Upper

178 100

176 89.1 14.0 21.0#

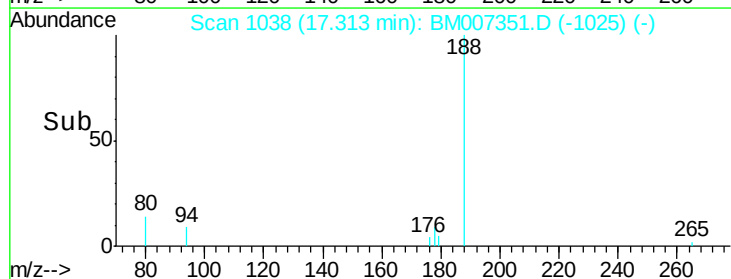
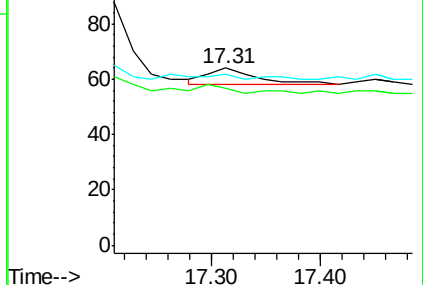
179 96.9 12.9 19.3#

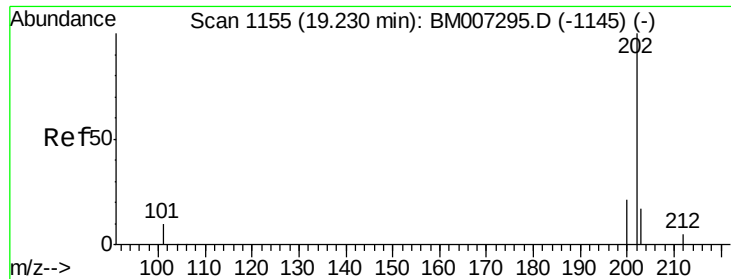


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.23 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BM007351.D

Acq: 30 Aug 2016 20:29

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

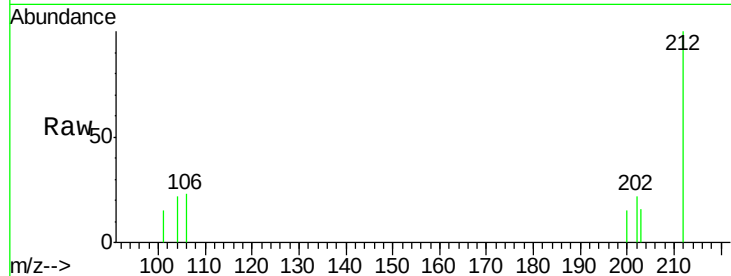
Tgt Ion:202 Resp: 75

Ion Ratio Lower Upper

202 100

101 68.7 0.0 29.6#

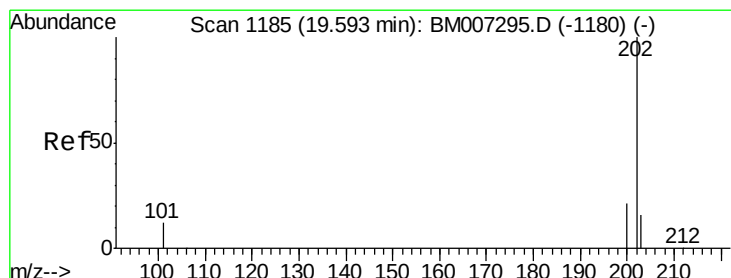
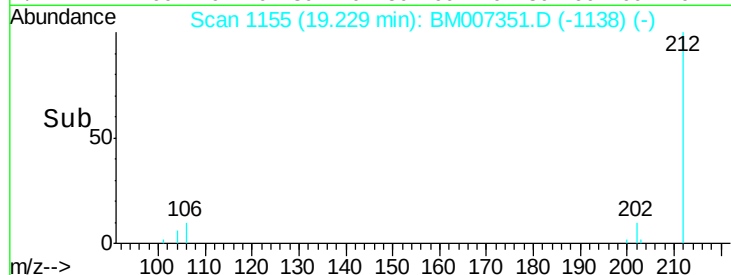
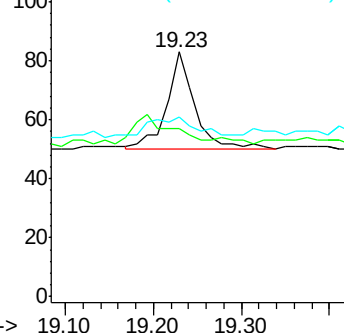
203 73.5 0.0 36.3#



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: 0.00 ng/ul

RT: 19.59 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BM007351.D

Acq: 30 Aug 2016 20:29

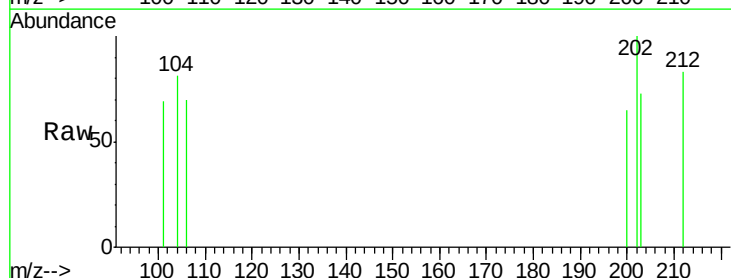
Tgt Ion:202 Resp: 78

Ion Ratio Lower Upper

202 100

200 65.1 17.8 26.8#

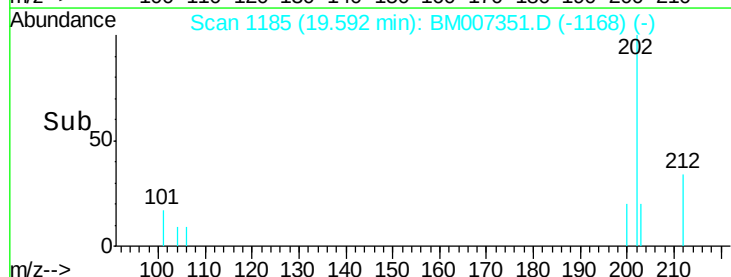
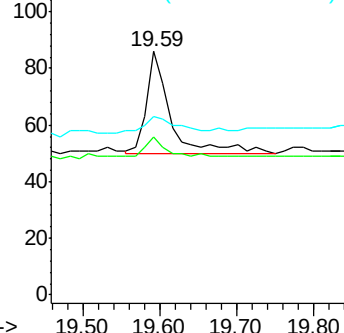
203 73.3 12.8 19.2#

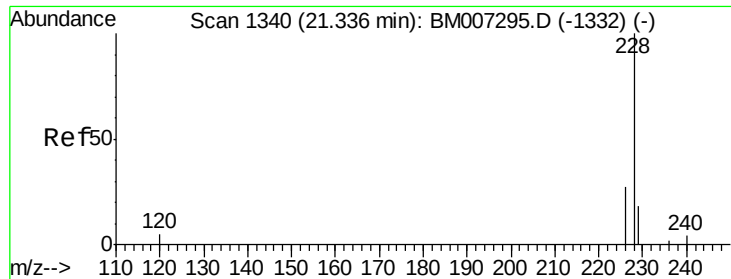


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BM007351.D

Acq: 30 Aug 2016 20:29

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

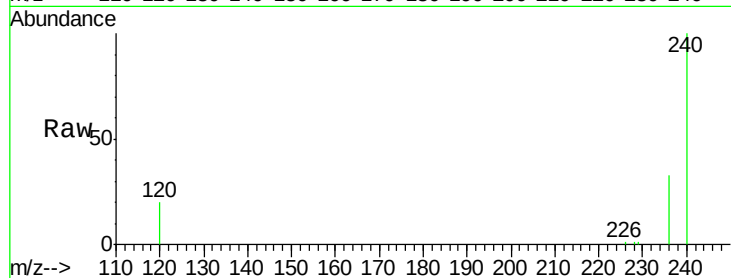
Tgt Ion:228 Resp: 97

Ion Ratio Lower Upper

228 100

226 62.1 18.8 28.2#

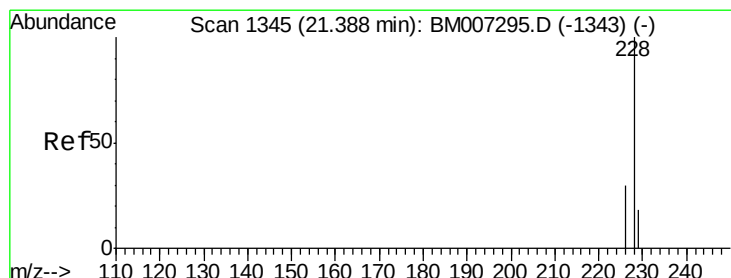
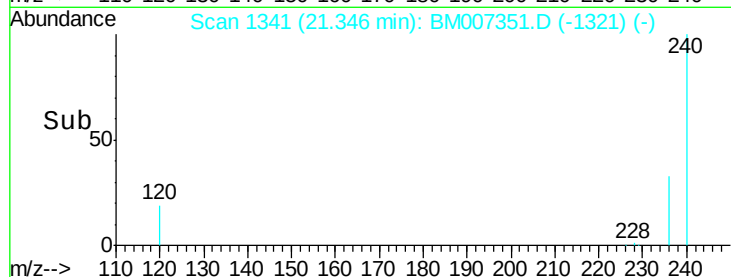
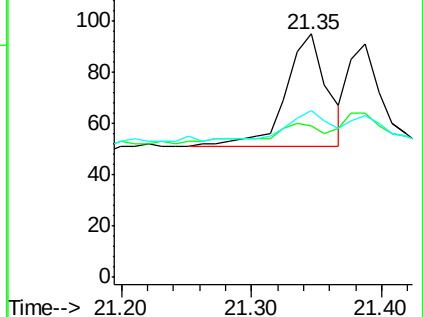
229 68.4 17.1 25.7#



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: 0.00 ng/ul

RT: 21.39 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BM007351.D

Acq: 30 Aug 2016 20:29

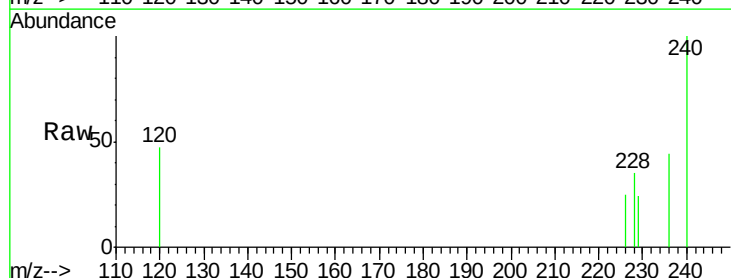
Tgt Ion:228 Resp: 73

Ion Ratio Lower Upper

228 100

226 70.3 21.2 31.8#

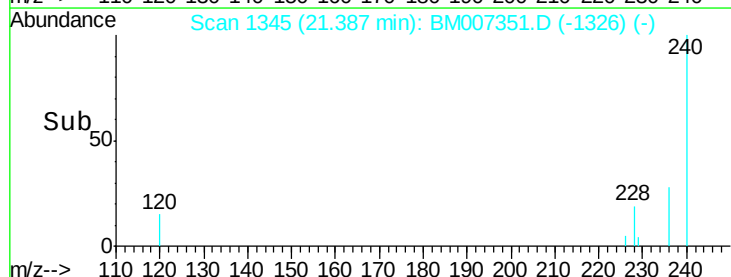
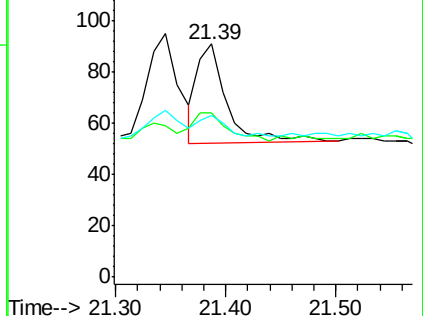
229 69.2 17.0 25.6#

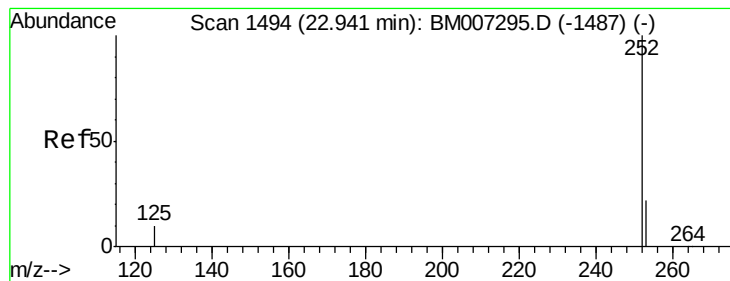


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.94 min Scan# 1494

Delta R.T. -0.00 min

Lab File: BM007351.D

Acq: 30 Aug 2016 20:29

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

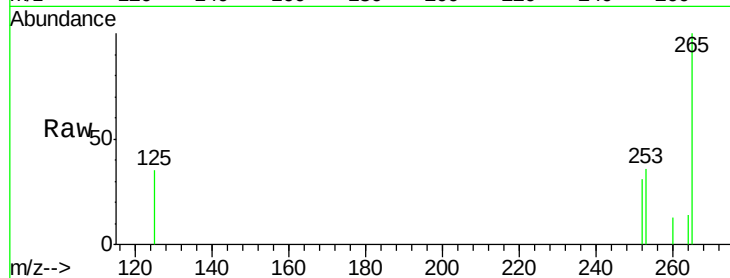
Tgt Ion:252 Resp: 65

Ion Ratio Lower Upper

252 100

253 116.4 0.0 45.4#

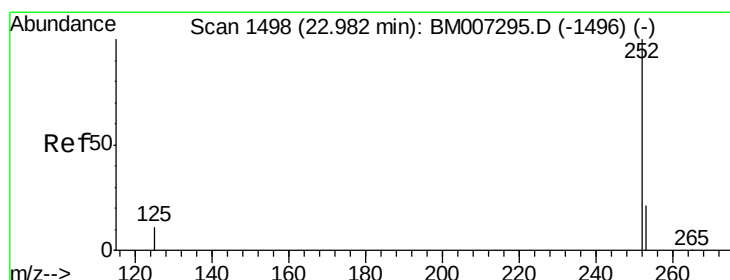
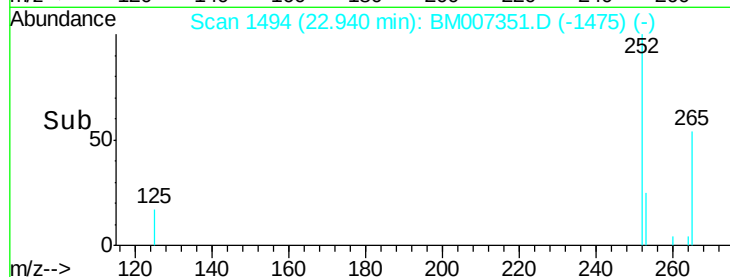
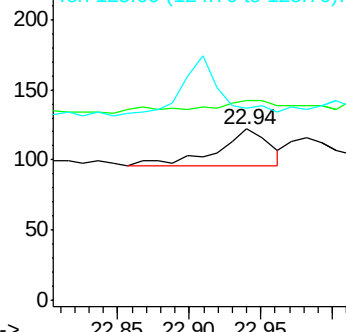
125 112.3 0.0 28.8#



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: 0.00 ng/ul

RT: 22.98 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BM007351.D

Acq: 30 Aug 2016 20:29

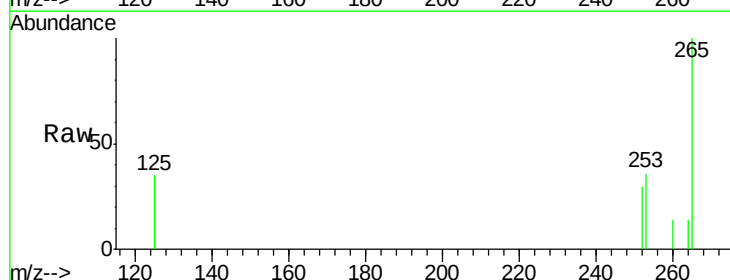
Tgt Ion:252 Resp: 44

Ion Ratio Lower Upper

252 100

253 119.8 19.8 29.8#

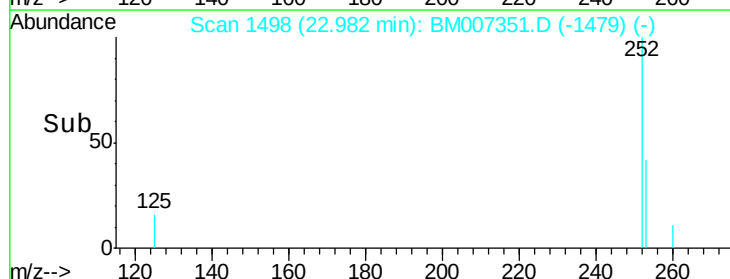
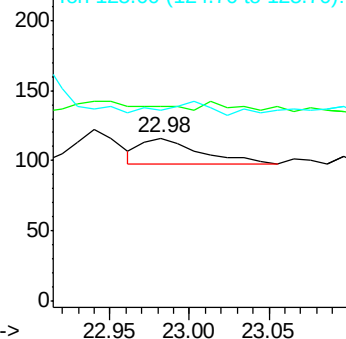
125 117.2 10.4 15.6#

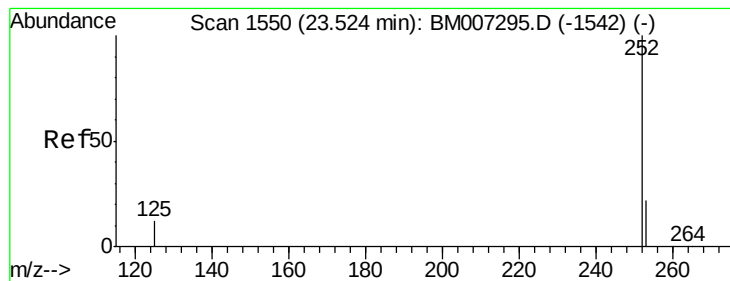


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.51 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BM007351.D

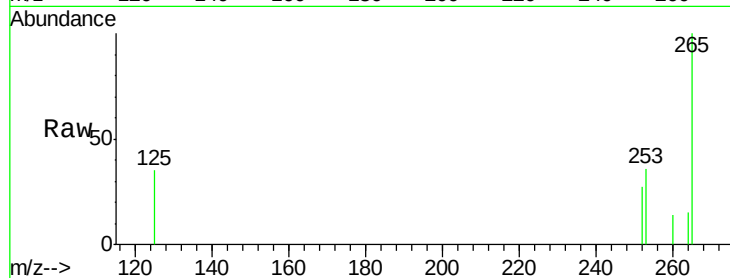
Acq: 30 Aug 2016 20:29

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W



Tgt Ion:252 Resp: 46

Ion Ratio Lower Upper

252 100

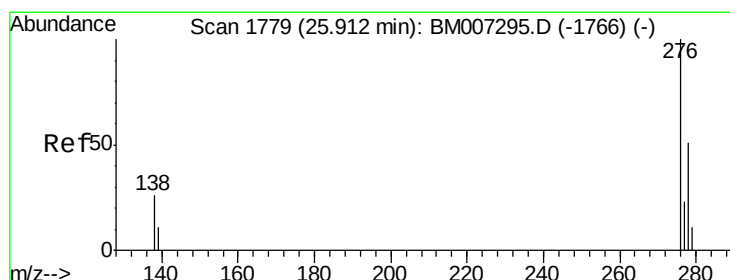
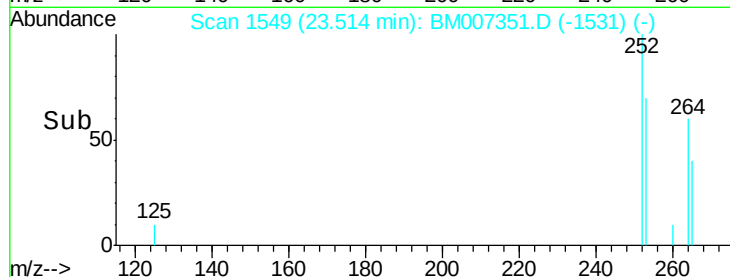
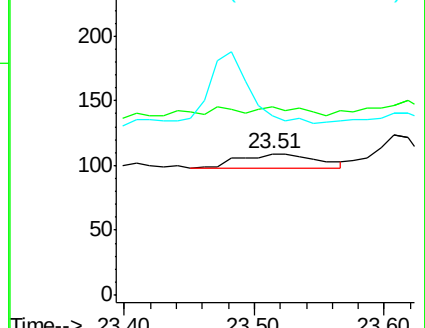
253 133.0 19.4 29.2#

125 126.6 12.7 19.1#

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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.92 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BM007351.D

Acq: 30 Aug 2016 20:29

Tgt Ion:276 Resp: 69

Ion Ratio Lower Upper

276 100

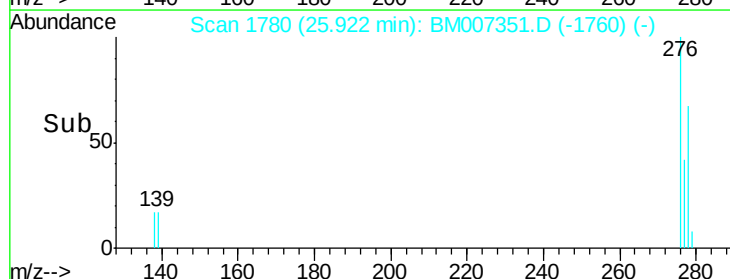
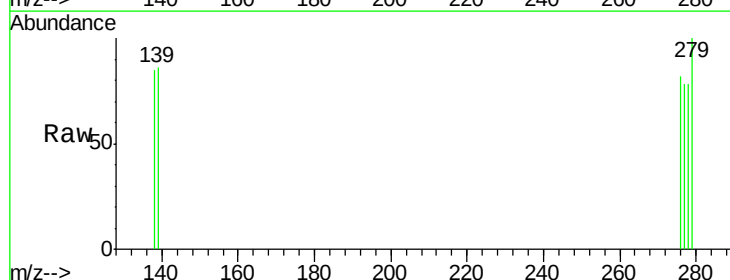
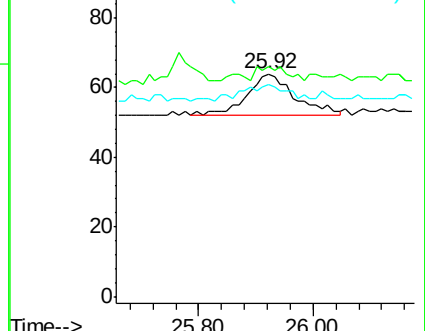
138 0.0 16.3 24.5#

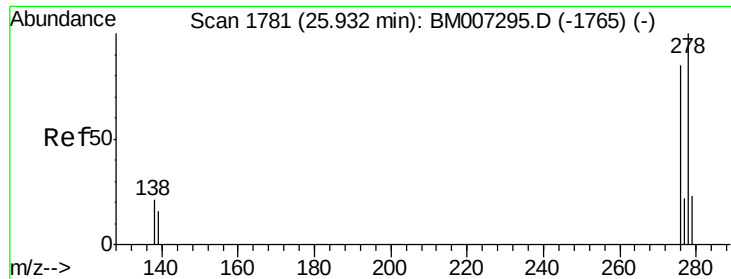
277 40.6 19.8 29.8#

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



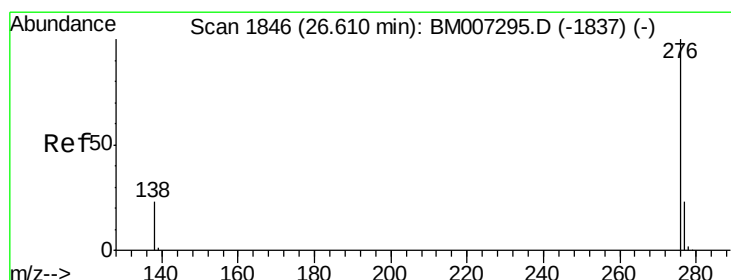
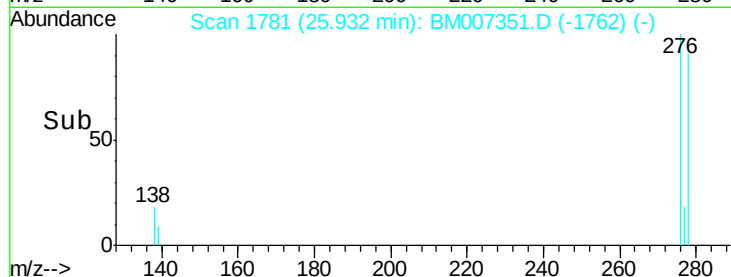
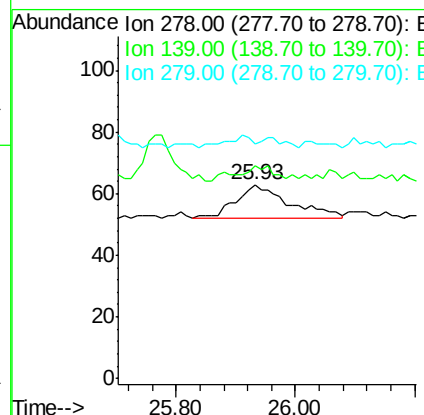
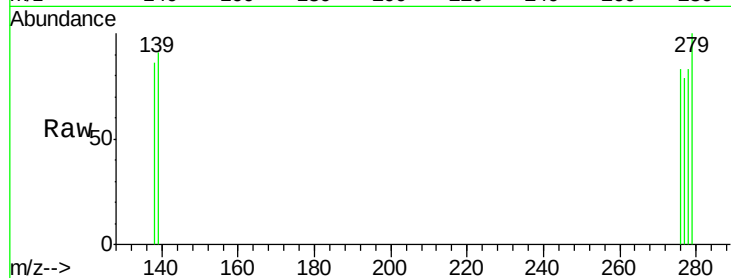


#25
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.93 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BM007351.D
Acq: 30 Aug 2016 20:29

Instrument :
BNA_M
ClientSampleId :
MDL-BLK-W

Tgt Ion: 278 Resp: 68

Ion	Ratio	Lower	Upper
278	100		
139	109.5	16.4	24.6#
279	120.6	20.2	30.2#



#26
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.61 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BM007351.D
Acq: 30 Aug 2016 20:29

Tgt Ion: 276 Resp: 48

Ion	Ratio	Lower	Upper
276	100		
277	93.8	18.9	28.3#
138	103.1	22.5	33.7#

