

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082616\
 Data File : BM007303.D
 Acq On : 26 Aug 2016 21:29
 Operator : UM/SJ
 Sample : MDL-BLK-S
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-S

Quant Time: Aug 26 23:48:40 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	1109	0.40	ng/ul	0.00
2) Naphthalene-d8	10.61	136	3897	0.40	ng/ul	0.02
6) Acenaphthene-d10	14.43	164	2514	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.18	188	6951	0.40	ng/ul	0.00
16) Chrysene-d12	21.36	240	7440	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	7289	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.21	152	1567	0.32	ng/ul	0.02
14) Fluoranthene-d10	19.21	212	5684	0.36	ng/ul	0.00

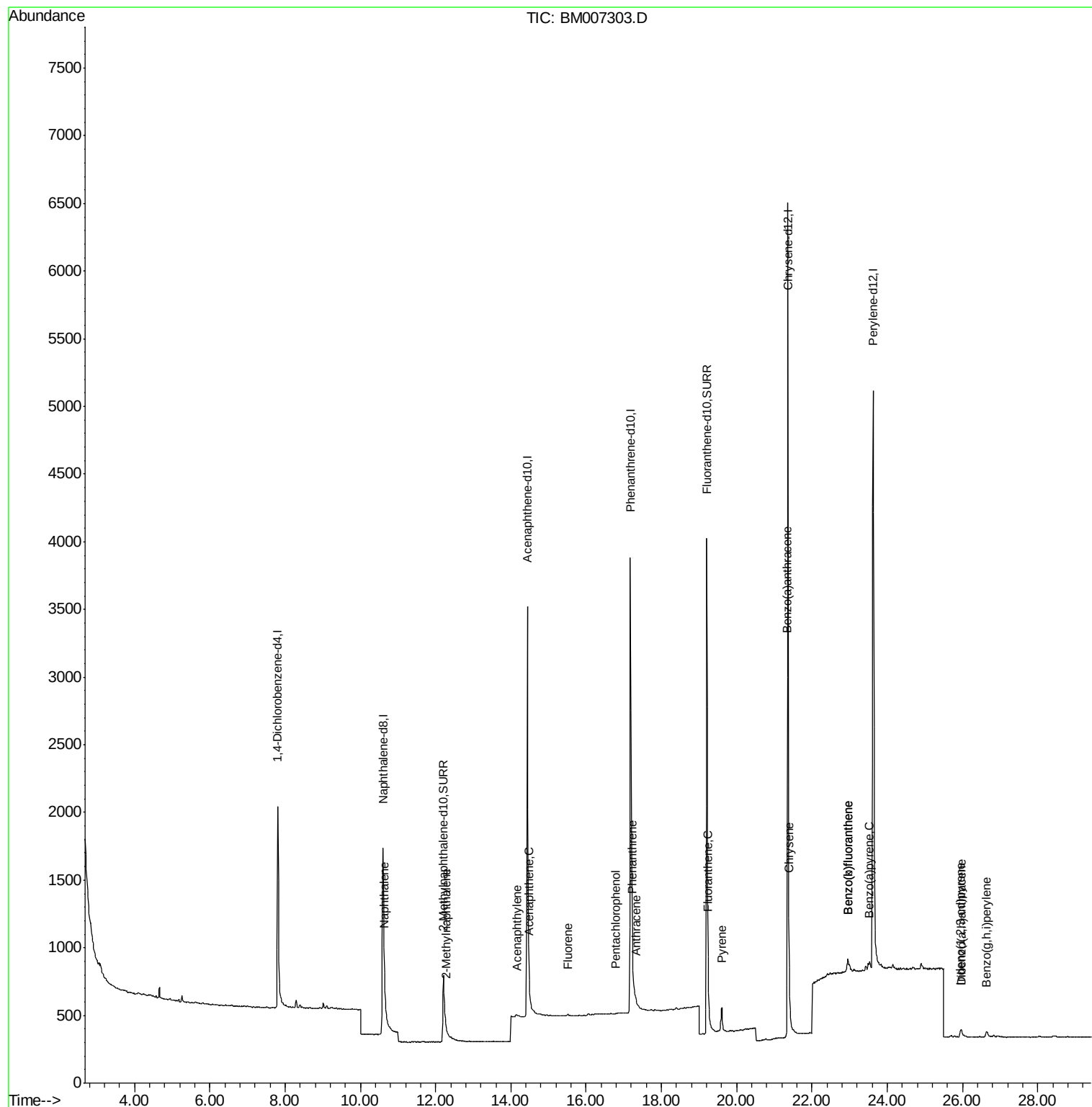
Target Compounds				Qvalue		
3) Naphthalene	10.65	128	29	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.27	142	12	0.00	ng/ul	87
7) Acenaphthylene	14.16	152	14	0.00	ng/ul#	1
8) Acenaphthene	14.49	153	18	0.00	ng/ul#	72
9) Fluorene	15.51	166	29	0.00	ng/ul#	53
11) Pentachlorophenol	16.78	266	1	0.00	ng/ul#	30
12) Phenanthrene	17.23	178	170	0.01	ng/ul#	5
13) Anthracene	17.33	178	43	0.00	ng/ul#	1
15) Fluoranthene	19.24	202	277	0.01	ng/ul#	32
17) Pyrene	19.60	202	219	0.01	ng/ul#	46
18) Benzo(a)anthracene	21.35	228	143	0.01	ng/ul#	30
19) Chrysene	21.39	228	181	0.01	ng/ul#	39
21) Benzo(b)fluoranthene	22.95	252	333	0.01	ng/ul#	1
22) Benzo(k)fluoranthene	22.95	252	333	0.01	ng/ul#	1
23) Benzo(a)pyrene	23.53	252	112	0.00	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.95	276	109	0.00	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.96	278	59	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.64	276	122	0.00	ng/ul#	1

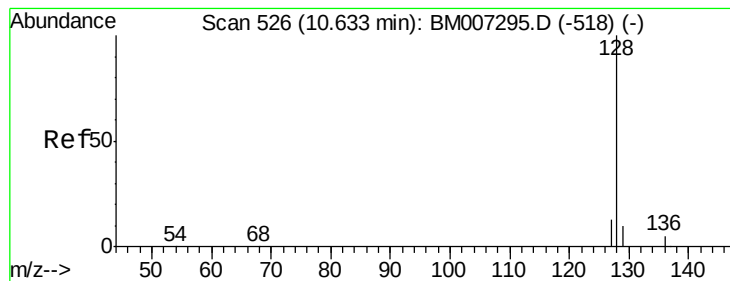
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM007303.D

Acq: 26 Aug 2016 21:29

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

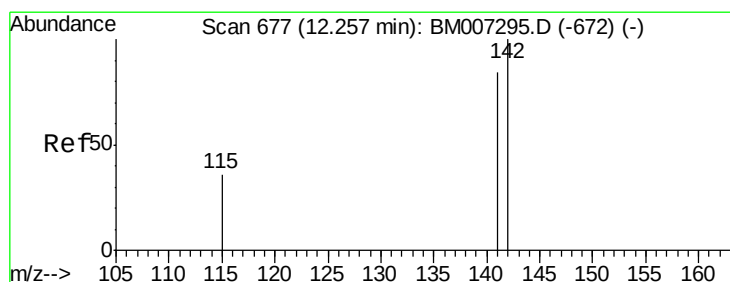
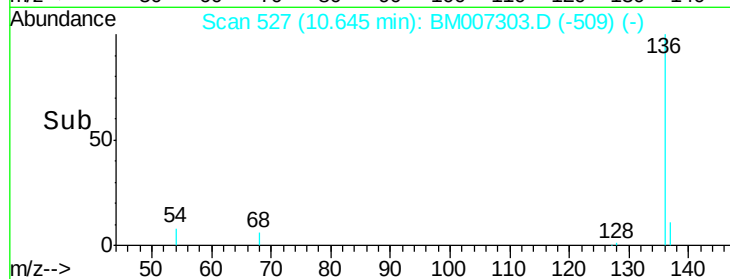
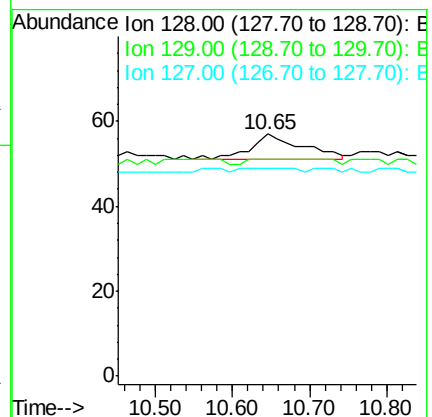
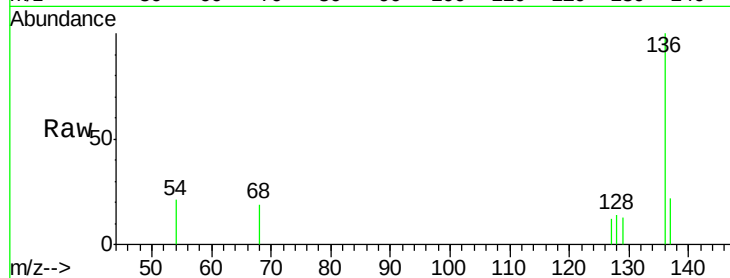
Tgt Ion:128 Resp: 29

Ion Ratio Lower Upper

128 100

129 89.5 9.0 13.6#

127 86.0 9.6 14.4#



#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.27 min Scan# 678

Delta R.T. 0.01 min

Lab File: BM007303.D

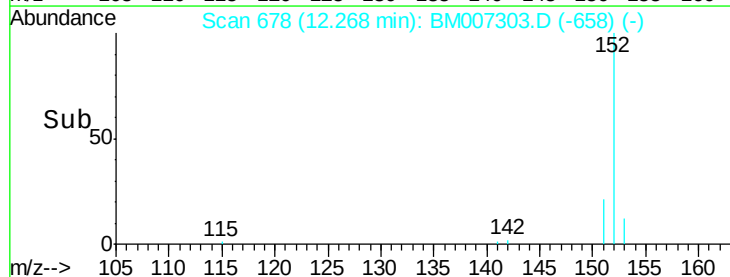
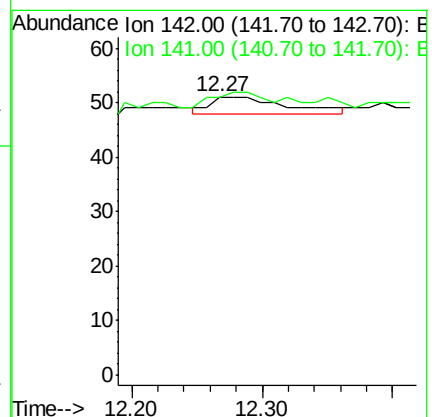
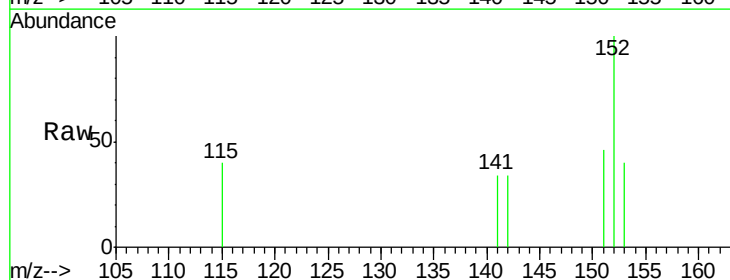
Acq: 26 Aug 2016 21:29

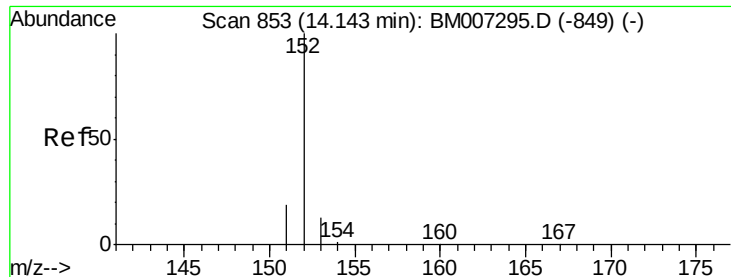
Tgt Ion:142 Resp: 12

Ion Ratio Lower Upper

142 100

141 100.0 70.3 105.5





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.16 min Scan# 854

Delta R.T. 0.02 min

Lab File: BM007303.D

Acq: 26 Aug 2016 21:29

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

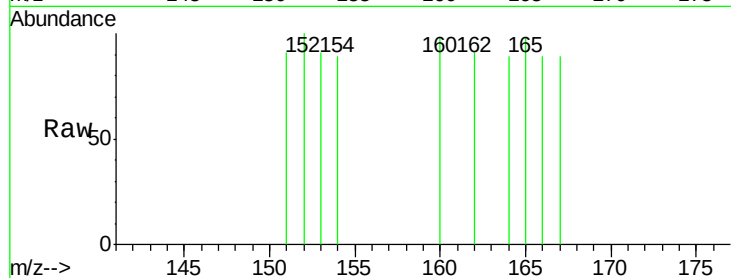
Tgt Ion:152 Resp: 14

Ion Ratio Lower Upper

152 100

151 90.7 17.6 26.4#

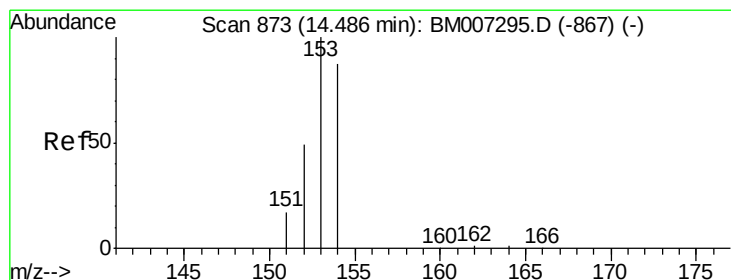
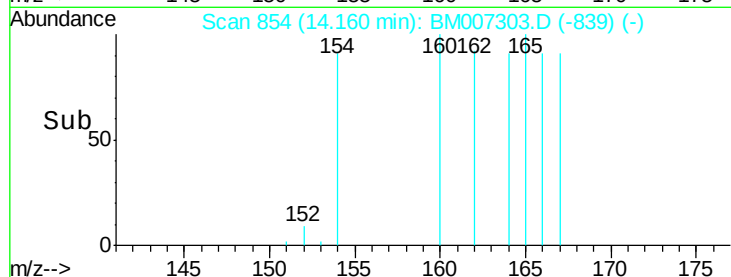
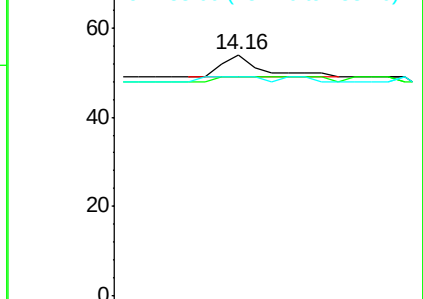
153 90.7 9.7 14.5#



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: 0.00 ng/ul

RT: 14.49 min Scan# 873

Delta R.T. -0.00 min

Lab File: BM007303.D

Acq: 26 Aug 2016 21:29

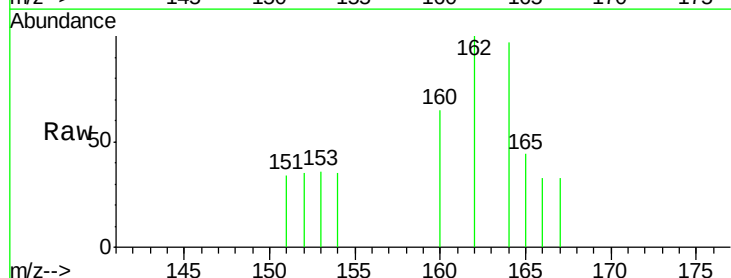
Tgt Ion:153 Resp: 18

Ion Ratio Lower Upper

153 100

152 98.1 33.9 50.9#

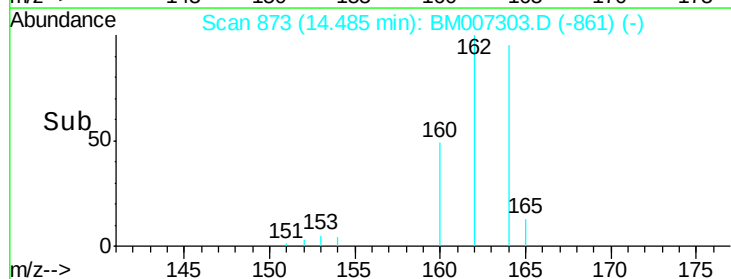
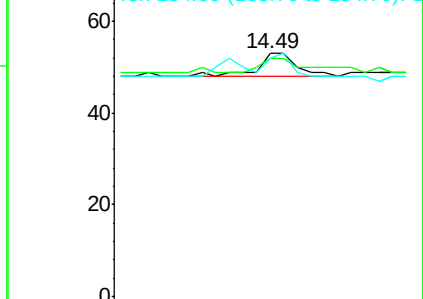
154 98.1 80.6 121.0

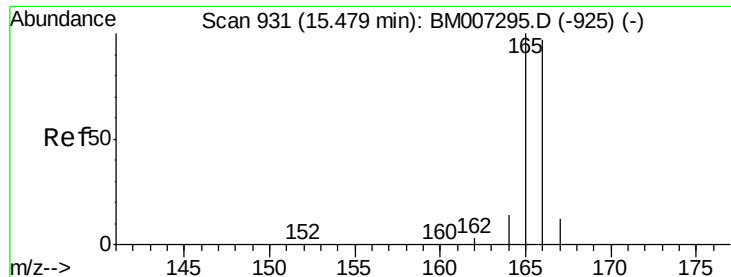


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

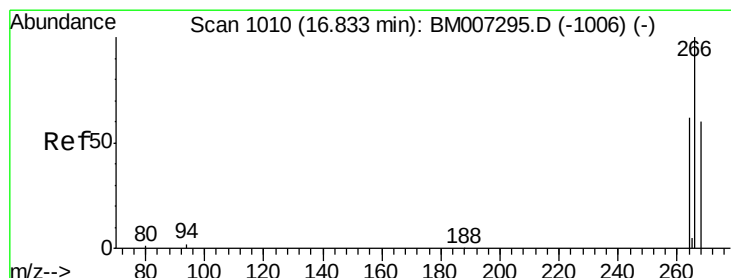
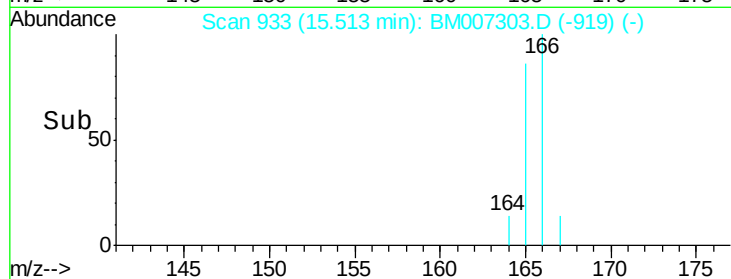
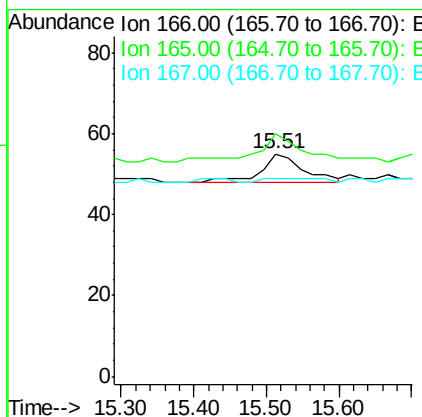
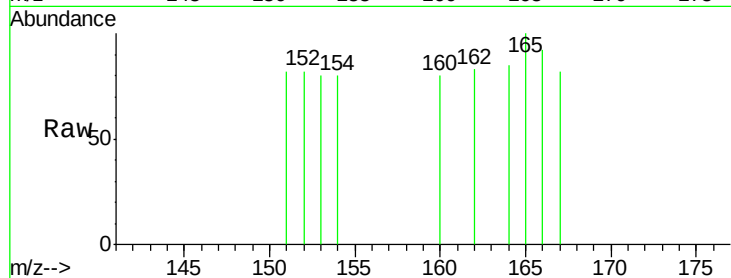




#9
Fluorene
 Concen: 0.00 ng/ul
 RT: 15.51 min Scan# 933
 Delta R.T. 0.03 min
 Lab File: BM007303.D
 Acq: 26 Aug 2016 21:29

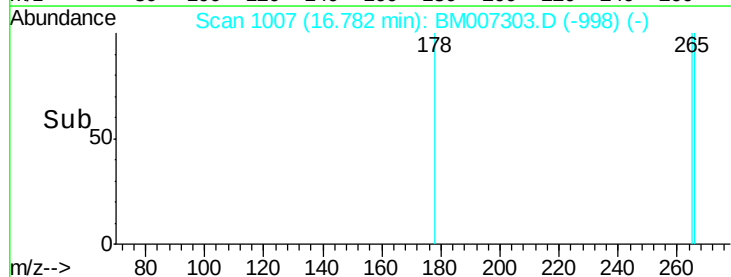
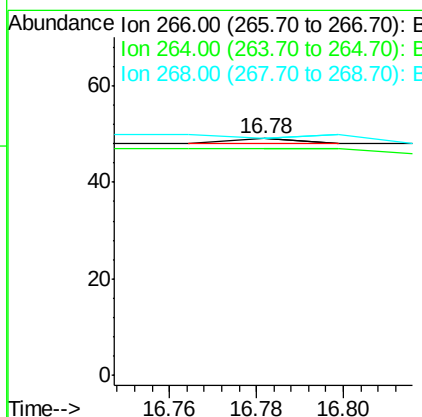
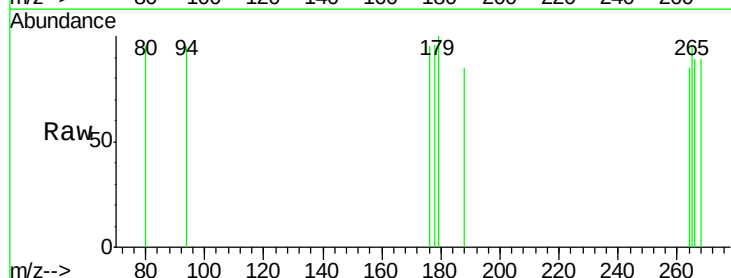
Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-S

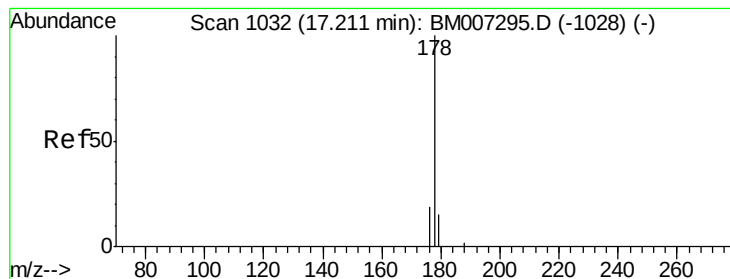
Tgt Ion:166 Resp: 29
 Ion Ratio Lower Upper
 166 100
 165 109.1 69.6 104.4#
 167 89.1 11.9 17.9#



#11
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.78 min Scan# 1007
 Delta R.T. -0.05 min
 Lab File: BM007303.D
 Acq: 26 Aug 2016 21:29

Tgt Ion:266 Resp: 1
 Ion Ratio Lower Upper
 266 100
 264 0.0 51.8 77.8#
 268 100.0 46.8 70.2#





#12

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.23 min Scan# 1033

Delta R.T. 0.02 min

Lab File: BM007303.D

Acq: 26 Aug 2016 21:29

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

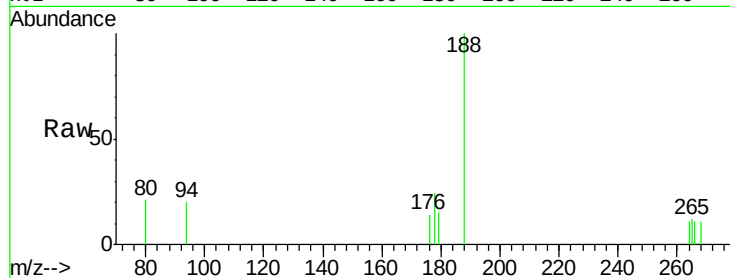
Tgt Ion:178 Resp: 170

Ion Ratio Lower Upper

178 100

176 56.9 13.0 19.4#

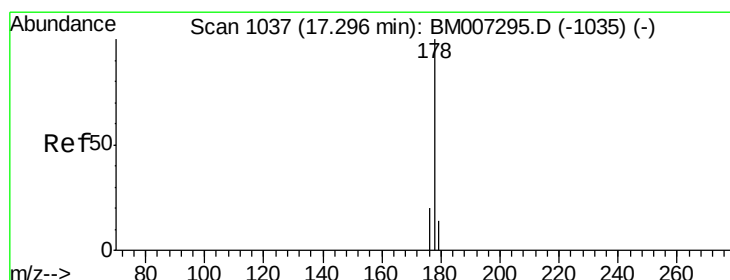
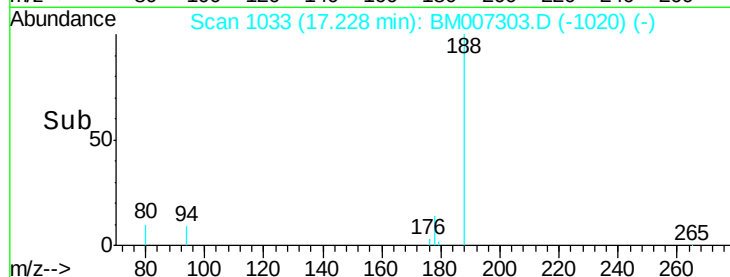
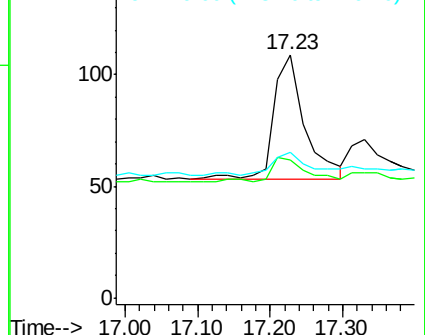
179 59.6 14.2 21.2#



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: 17.33 min Scan# 1039

Delta R.T. 0.03 min

Lab File: BM007303.D

Acq: 26 Aug 2016 21:29

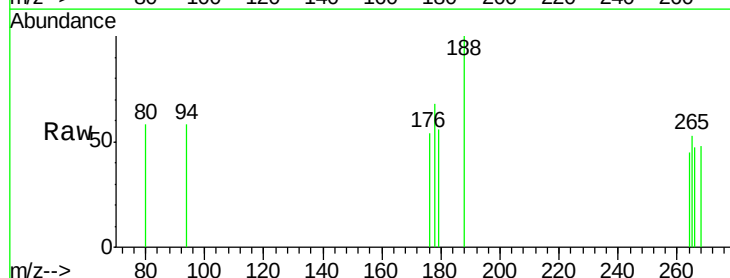
Tgt Ion:178 Resp: 43

Ion Ratio Lower Upper

178 100

176 78.9 14.0 21.0#

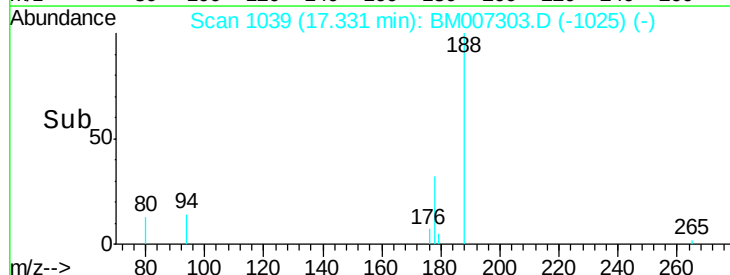
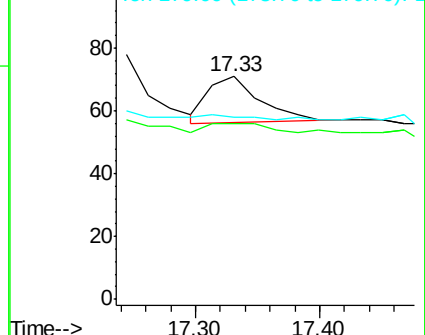
179 81.7 12.9 19.3#

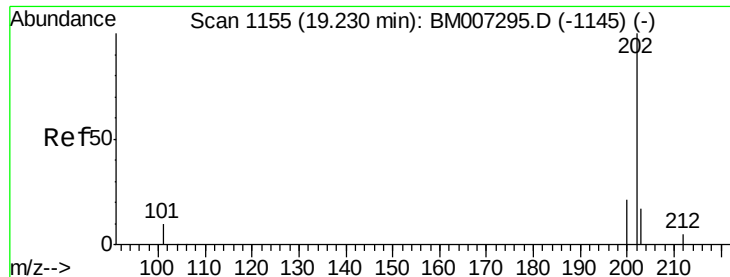


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.01 ng/ul

RT: 19.24 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BM007303.D

Acq: 26 Aug 2016 21:29

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

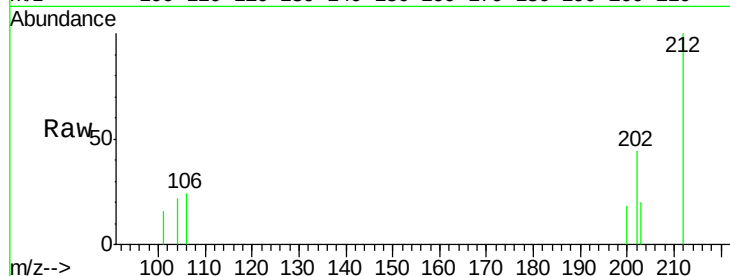
Tgt Ion: 202 Resp: 277

Ion Ratio Lower Upper

202 100

101 35.5 0.0 29.6#

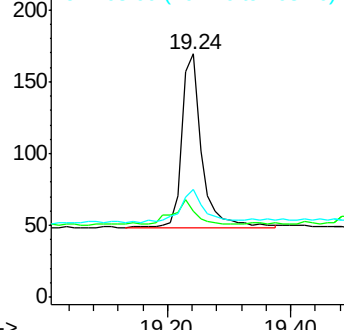
203 44.4 0.0 36.3#



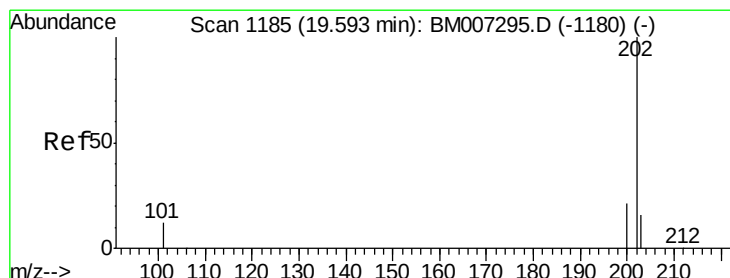
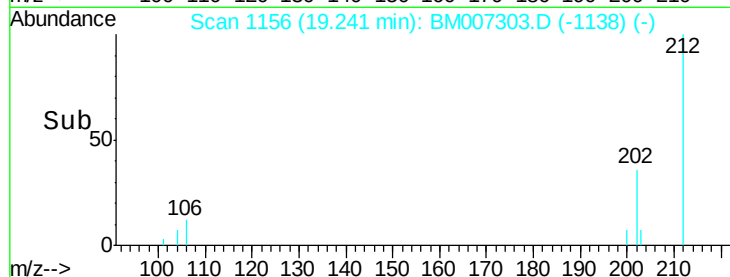
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#17

Pyrene

Concen: 0.01 ng/ul

RT: 19.60 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BM007303.D

Acq: 26 Aug 2016 21:29

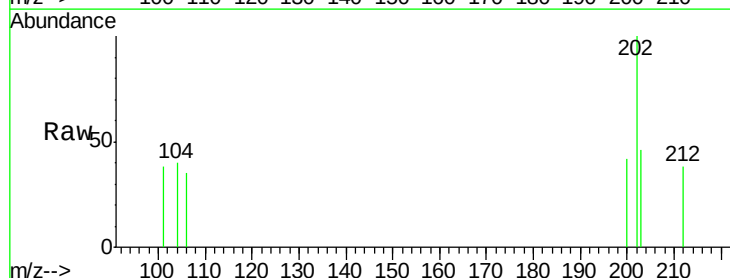
Tgt Ion: 202 Resp: 219

Ion Ratio Lower Upper

202 100

200 42.1 17.8 26.8#

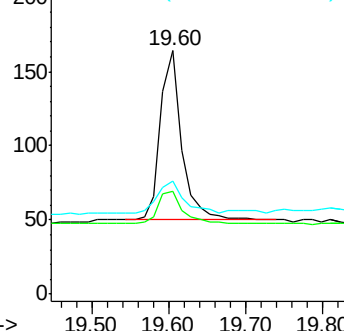
203 46.3 12.8 19.2#



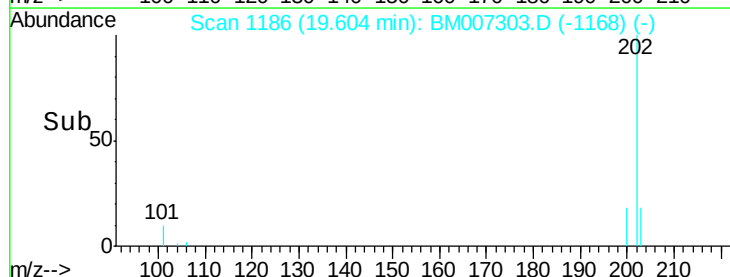
Abundance Ion 202.00 (201.70 to 202.70): E

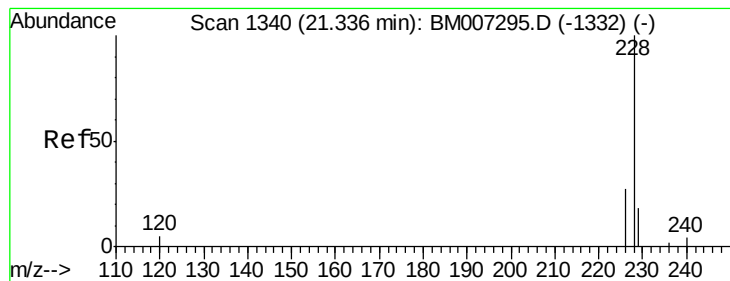
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#18

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BM007303.D

Acq: 26 Aug 2016 21:29

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

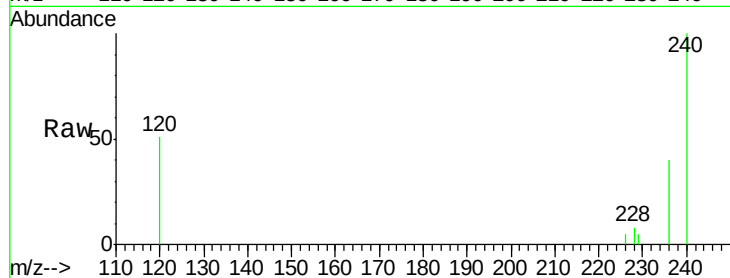
Tgt Ion:228 Resp: 143

Ion Ratio Lower Upper

228 100

226 56.4 18.8 28.2#

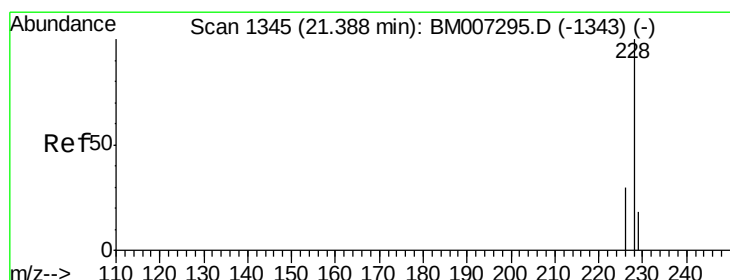
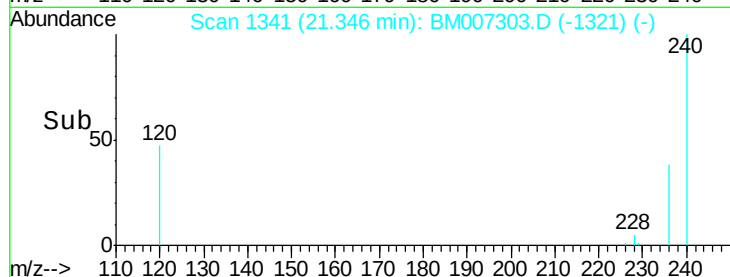
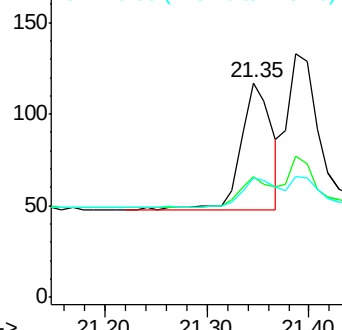
229 55.6 17.1 25.7#



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: 0.01 ng/ul

RT: 21.39 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BM007303.D

Acq: 26 Aug 2016 21:29

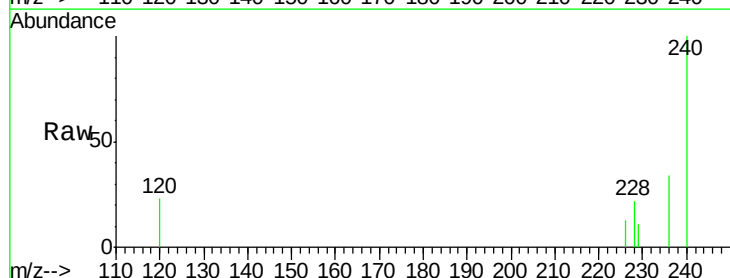
Tgt Ion:228 Resp: 181

Ion Ratio Lower Upper

228 100

226 57.9 21.2 31.8#

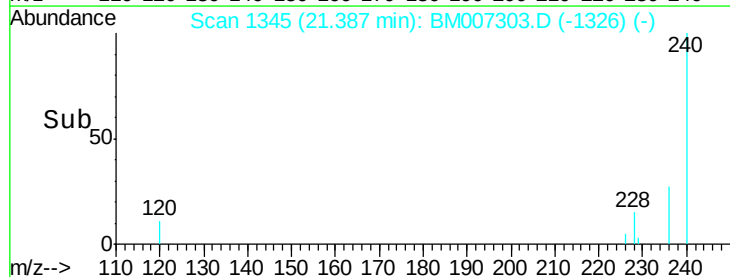
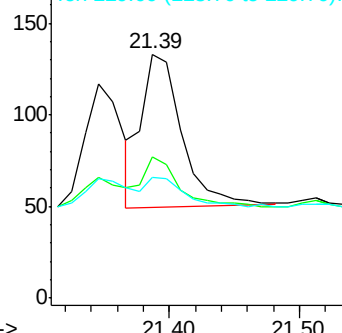
229 49.6 17.0 25.6#

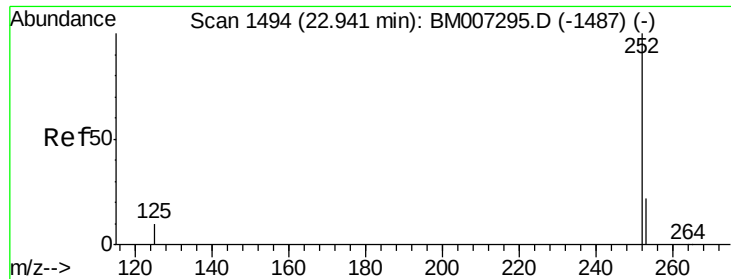


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 22.95 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BM007303.D

Acq: 26 Aug 2016 21:29

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

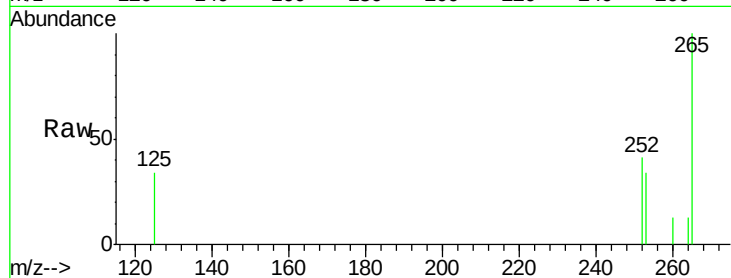
Tgt Ion:252 Resp: 333

Ion Ratio Lower Upper

252 100

253 83.6 0.0 45.4#

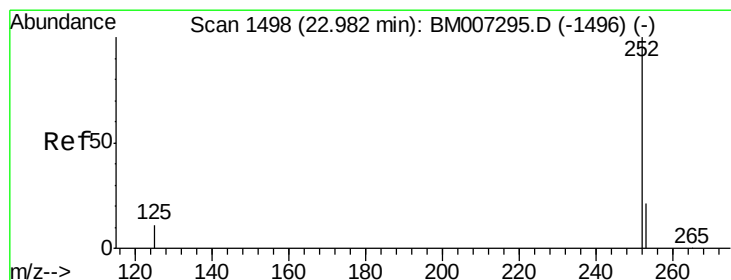
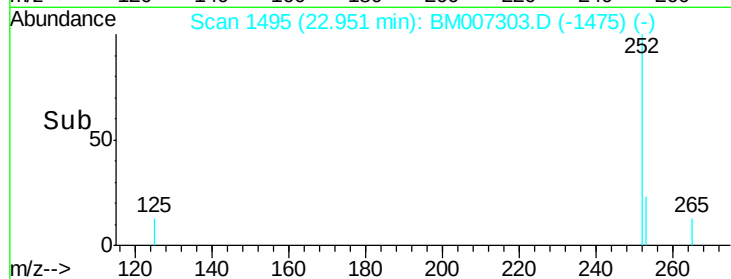
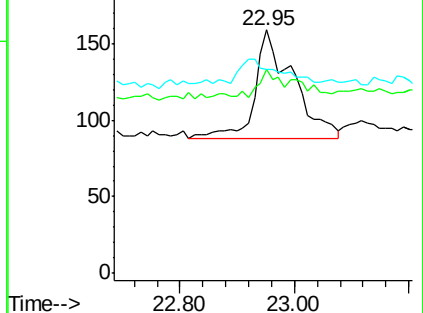
125 83.6 0.0 28.8#



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: 0.01 ng/ul

RT: 22.95 min Scan# 1495

Delta R.T. -0.03 min

Lab File: BM007303.D

Acq: 26 Aug 2016 21:29

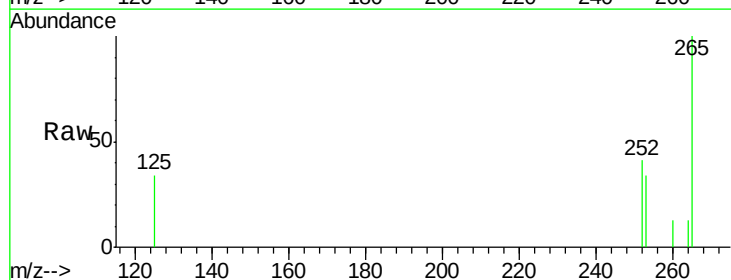
Tgt Ion:252 Resp: 333

Ion Ratio Lower Upper

252 100

253 83.6 19.8 29.8#

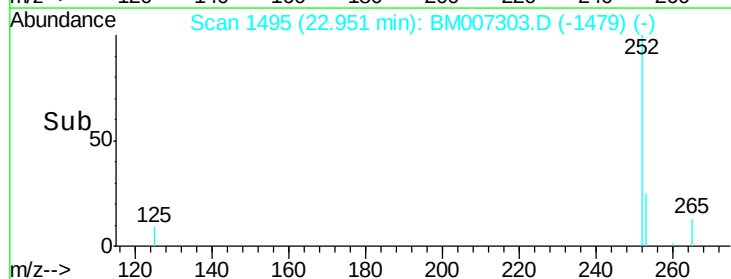
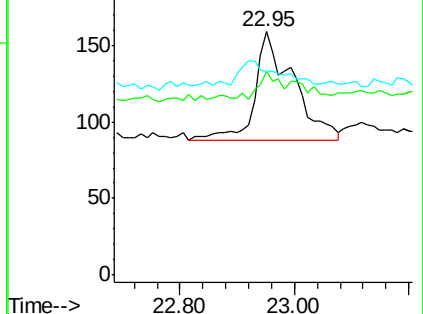
125 83.6 10.4 15.6#

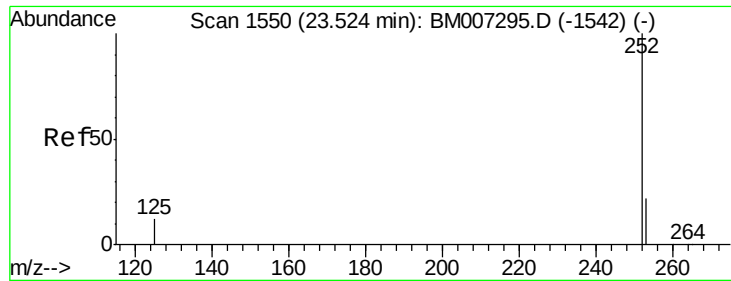


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.53 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BM007303.D

Acq: 26 Aug 2016 21:29

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

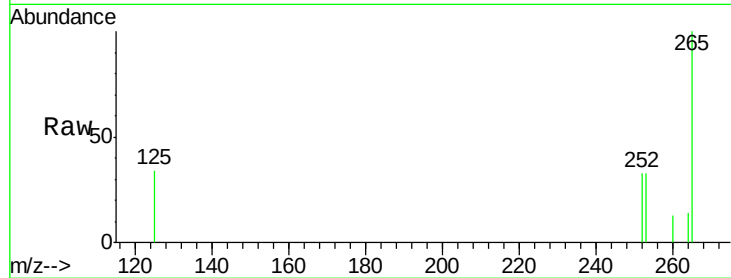
Tgt Ion:252 Resp: 112

Ion Ratio Lower Upper

252 100

253 100.8 19.4 29.2#

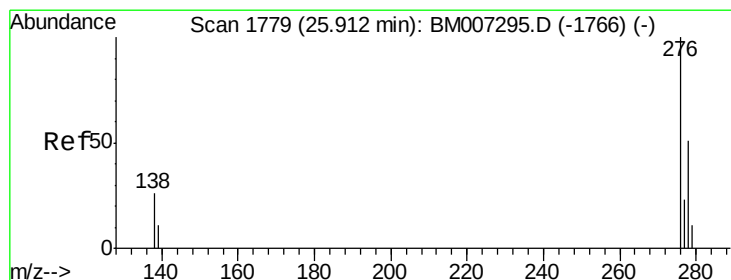
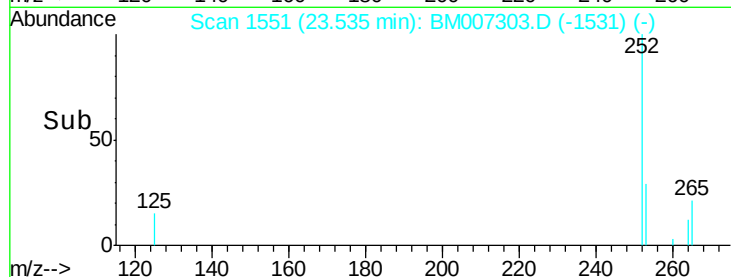
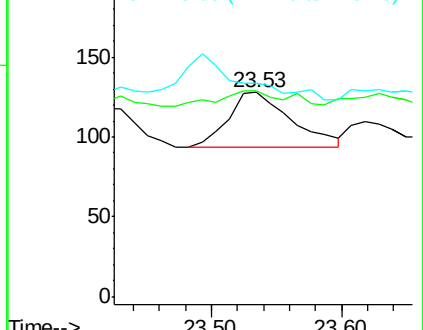
125 104.7 12.7 19.1#



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: 25.95 min Scan# 1783

Delta R.T. 0.04 min

Lab File: BM007303.D

Acq: 26 Aug 2016 21:29

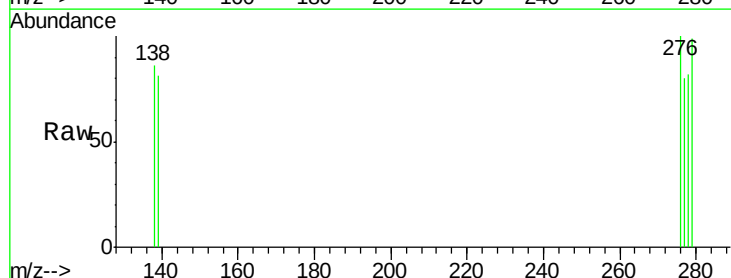
Tgt Ion:276 Resp: 109

Ion Ratio Lower Upper

276 100

138 26.6 16.3 24.5#

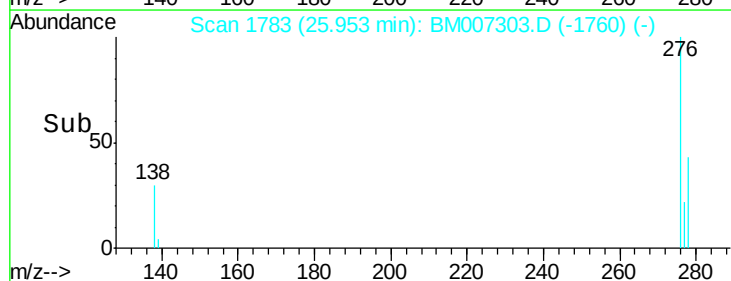
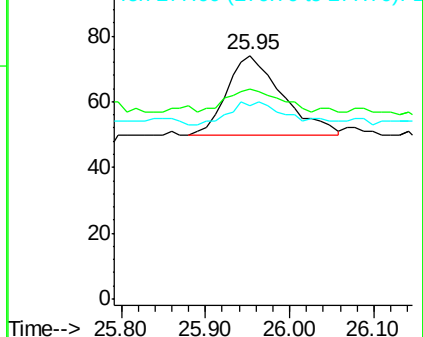
277 30.3 19.8 29.8#

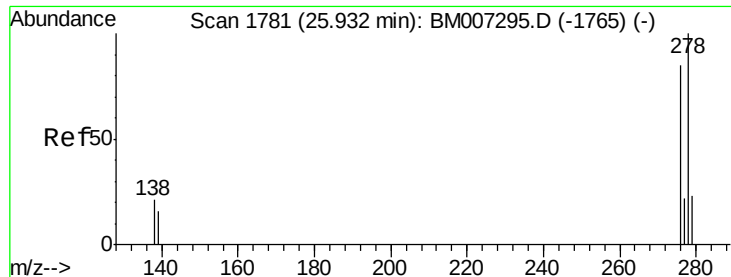


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



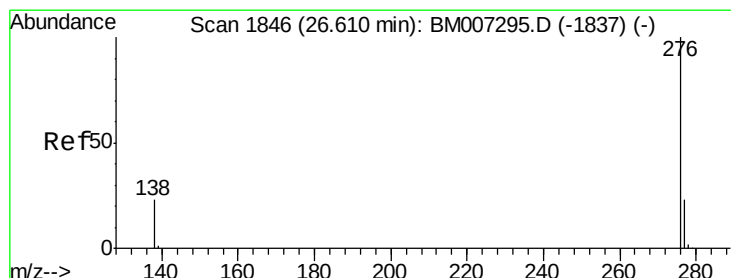
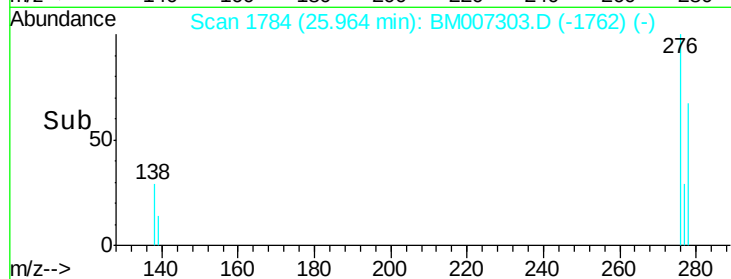
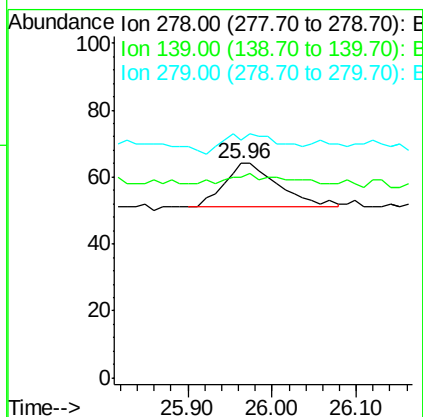
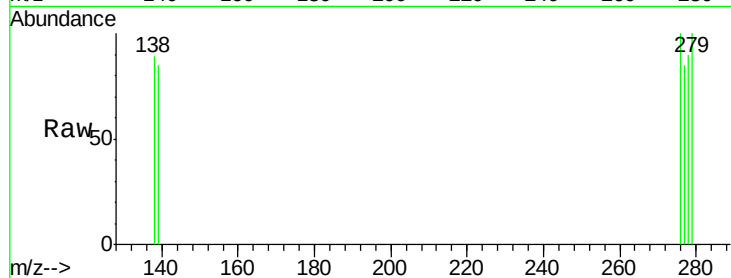


#25
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.96 min Scan# 1784
Delta R.T. 0.03 min
Lab File: BM007303.D
Acq: 26 Aug 2016 21:29

Instrument :
BNA_M
ClientSampleId :
MDL-BLK-S

Tgt Ion: 278 Resp: 59

Ion	Ratio	Lower	Upper
278	100		
139	93.8	16.4	24.6#
279	110.9	20.2	30.2#



#26
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.64 min Scan# 1849
Delta R.T. 0.03 min
Lab File: BM007303.D
Acq: 26 Aug 2016 21:29

Tgt Ion: 276 Resp: 122

Ion	Ratio	Lower	Upper
276	100		
277	81.1	18.9	28.3#
138	86.5	22.5	33.7#

