

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082616\
 Data File : BM007305.D
 Acq On : 26 Aug 2016 22:41
 Operator : UM/SJ
 Sample : MDL-BLK-W
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 26 23:49:00 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	2272	0.40	ng/ul	0.00
2) Naphthalene-d8	10.60	136	6199	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.43	164	3797	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.18	188	10615	0.40	ng/ul	0.00
16) Chrysene-d12	21.36	240	12798	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	13890	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.18	152	6466	0.83	ng/ul	0.00
14) Fluoranthene-d10	19.20	212	21995	0.92	ng/ul	0.00

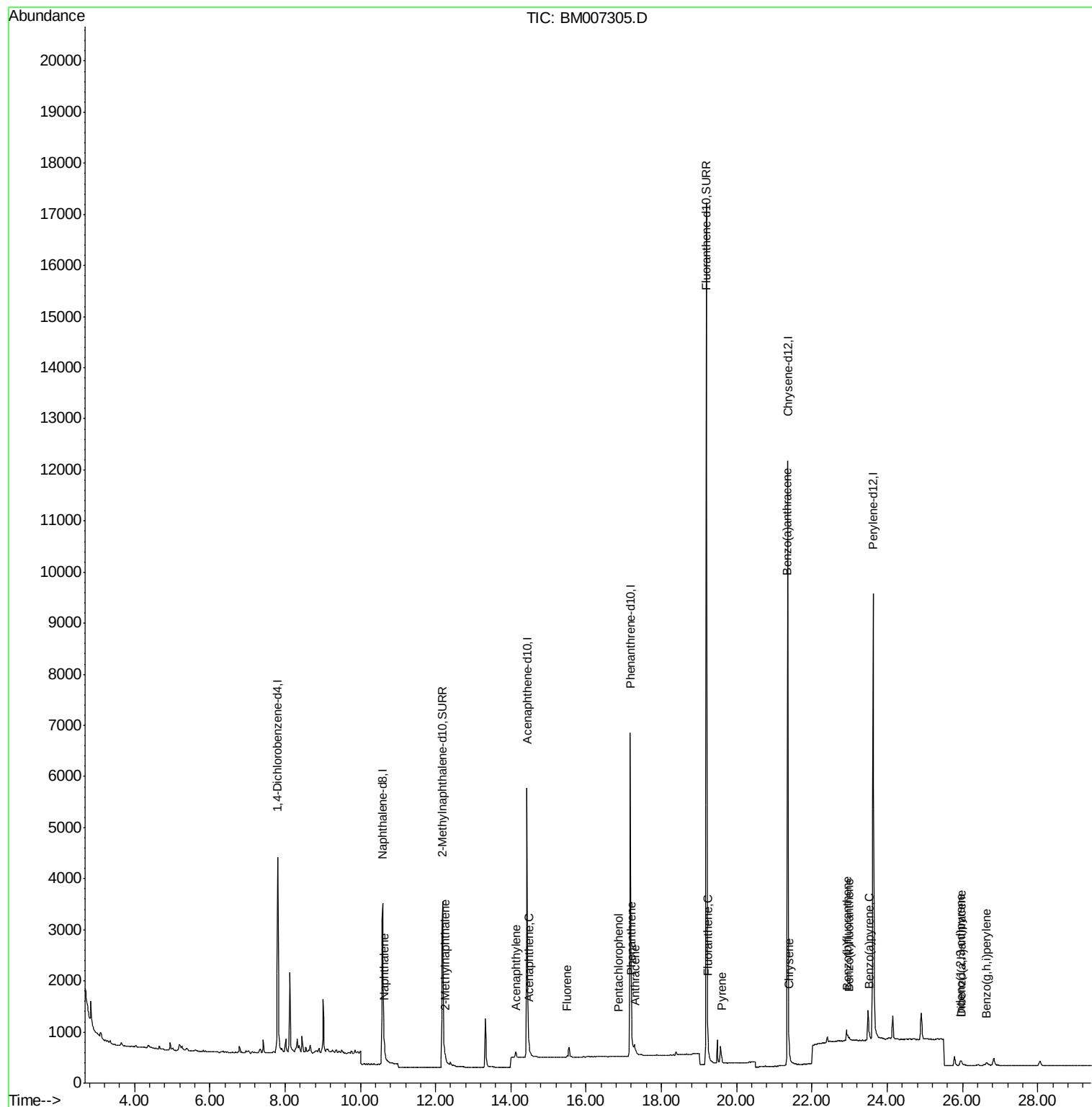
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.65	128	290	0.02	ng/ul#	36
5) 2-Methylnaphthalene	12.26	142	46	0.00	ng/ul	96
7) Acenaphthylene	14.14	152	36	0.00	ng/ul#	1
8) Acenaphthene	14.49	153	28	0.00	ng/ul#	72
9) Fluorene	15.50	166	38	0.00	ng/ul#	55
11) Pentachlorophenol	16.85	266	22	0.01	ng/ul#	52
12) Phenanthrene	17.21	178	128	0.00	ng/ul#	3
13) Anthracene	17.31	178	68	0.00	ng/ul#	1
15) Fluoranthene	19.23	202	184	0.01	ng/ul#	14
17) Pyrene	19.60	202	153	0.00	ng/ul#	36
18) Benzo(a)anthracene	21.35	228	157	0.00	ng/ul#	40
19) Chrysene	21.39	228	161	0.00	ng/ul#	46
21) Benzo(b)fluoranthene	22.94	252	172	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.99	252	124	0.00	ng/ul#	1
23) Benzo(a)pyrene	23.53	252	139	0.00	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.96	276	153	0.00	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.97	278	113	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.64	276	136	0.00	ng/ul#	1

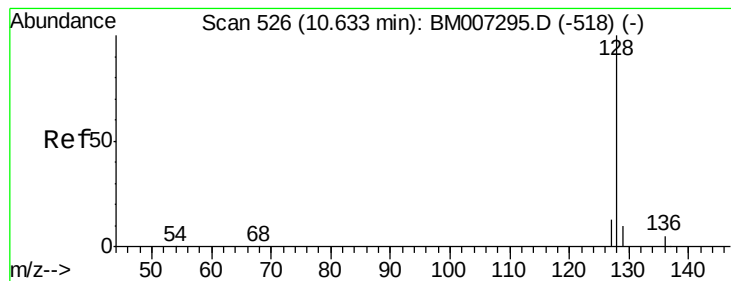
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.65 min Scan# 527

Delta R.T. 0.01 min

Lab File: BM007305.D

Acq: 26 Aug 2016 22:41

Instrument :

BNA_M

ClientSampled :

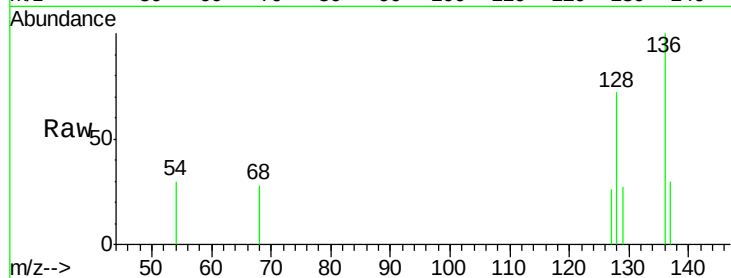
Tgt Ion:128 Resp: 290

Ion Ratio Lower Upper

128 100

129 37.0 9.0 13.6#

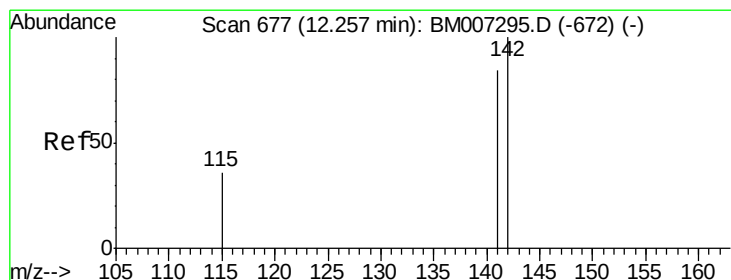
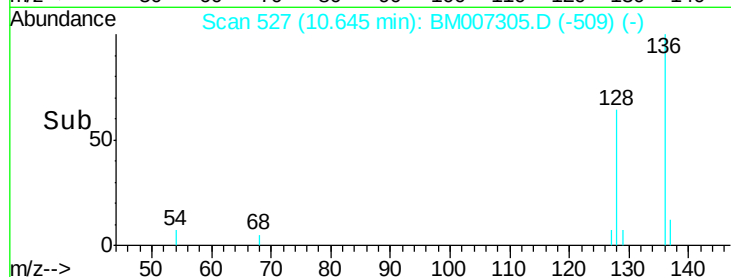
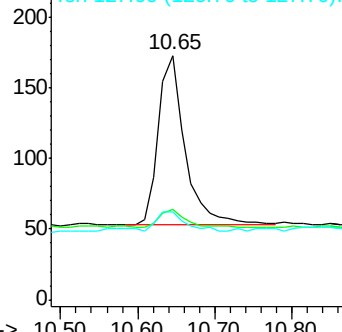
127 35.8 9.6 14.4#



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: BM007305.D

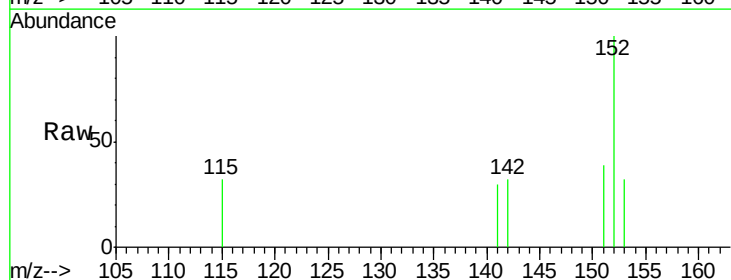
Acq: 26 Aug 2016 22:41

Tgt Ion:142 Resp: 46

Ion Ratio Lower Upper

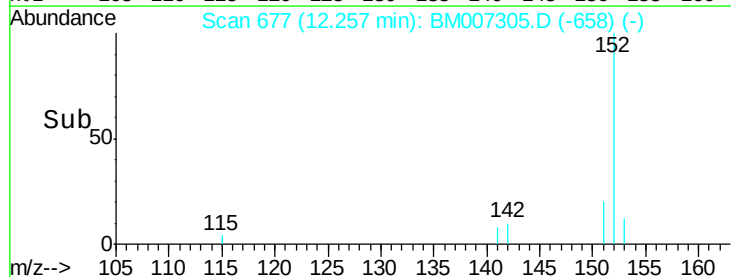
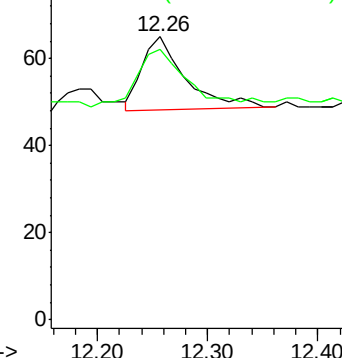
142 100

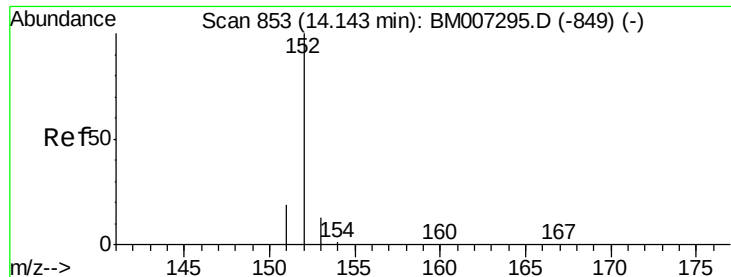
141 91.3 70.3 105.5



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: BM007305.D

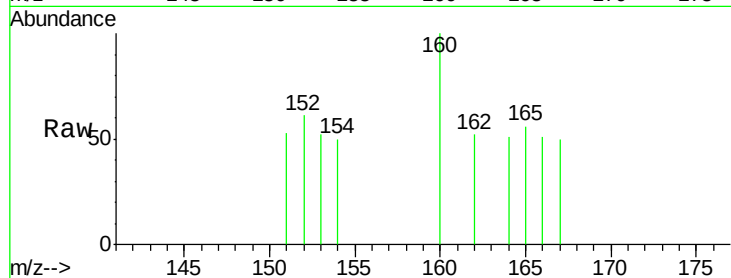
Acq: 26 Aug 2016 22:41

Instrument :

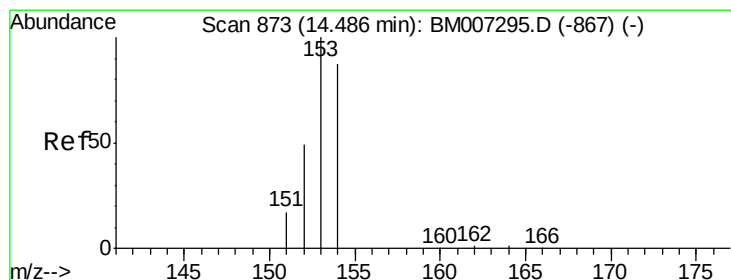
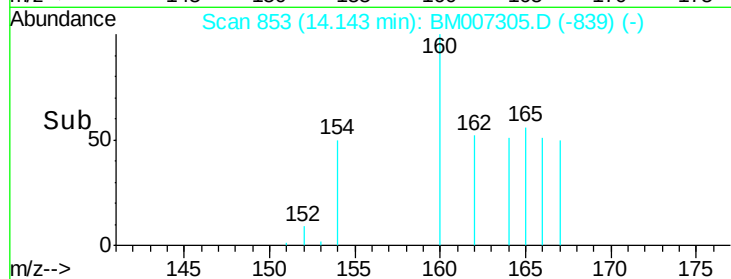
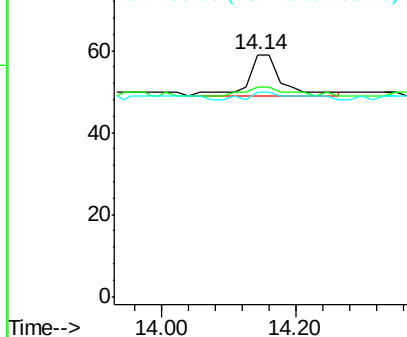
BNA_M

ClientSampleId :

Tgt Ion:	152	Resp:	36
Ion	Ratio	Lower	Upper
152	100		
151	86.4	17.6	26.4#
153	84.7	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

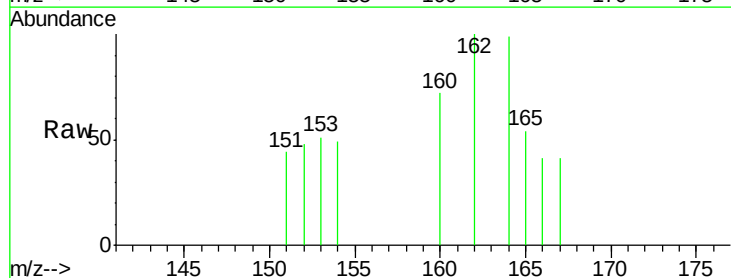
RT: 14.49 min Scan# 873

Delta R.T. -0.00 min

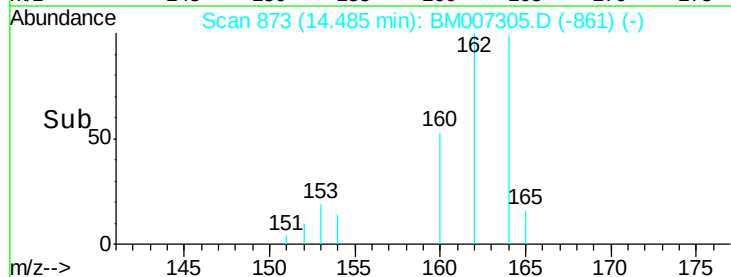
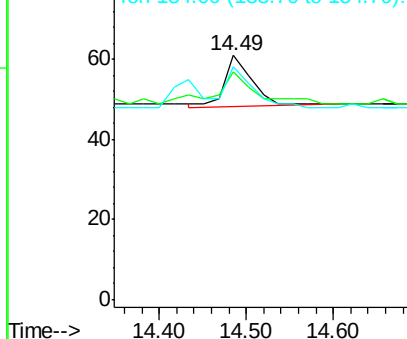
Lab File: BM007305.D

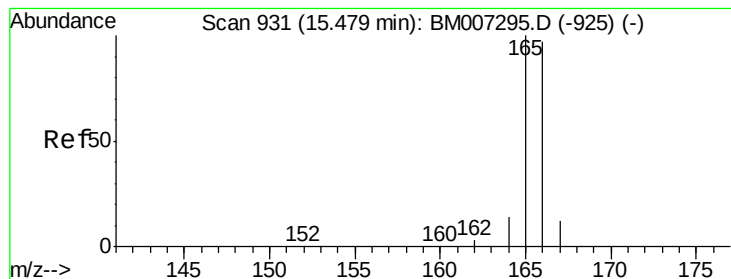
Acq: 26 Aug 2016 22:41

Tgt Ion:	153	Resp:	28
Ion	Ratio	Lower	Upper
153	100		
152	93.4	33.9	50.9#
154	95.1	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: 15.50 min Scan# 932

Delta R.T. 0.02 min

Lab File: BM007305.D

Acq: 26 Aug 2016 22:41

Instrument :

BNA_M

ClientSampleId :

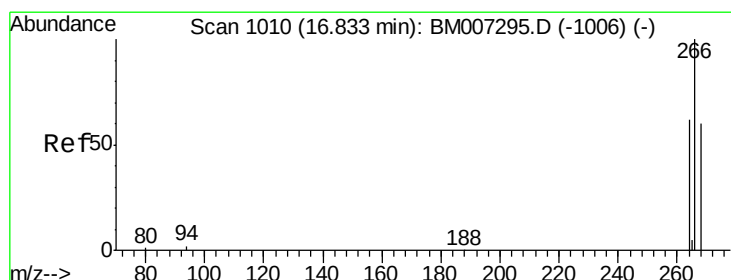
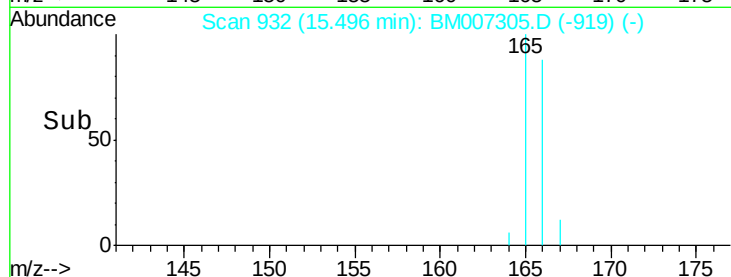
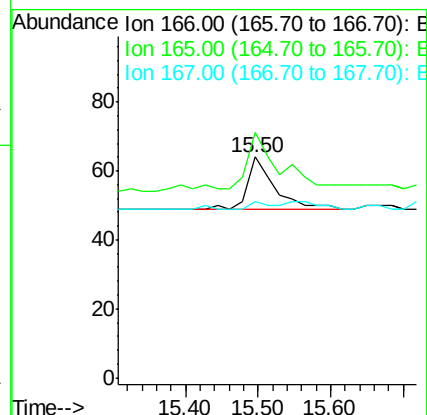
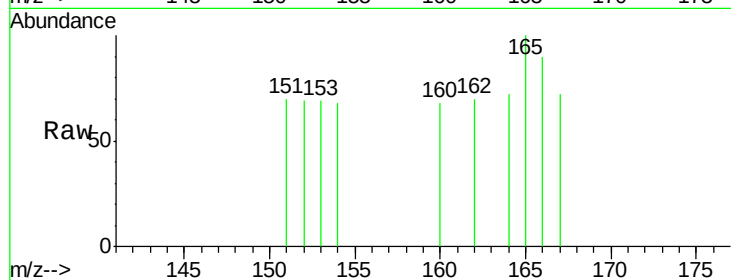
Tgt Ion:166 Resp: 38

Ion Ratio Lower Upper

166 100

165 110.9 69.6 104.4#

167 79.7 11.9 17.9#



#11

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 16.85 min Scan# 1011

Delta R.T. 0.02 min

Lab File: BM007305.D

Acq: 26 Aug 2016 22:41

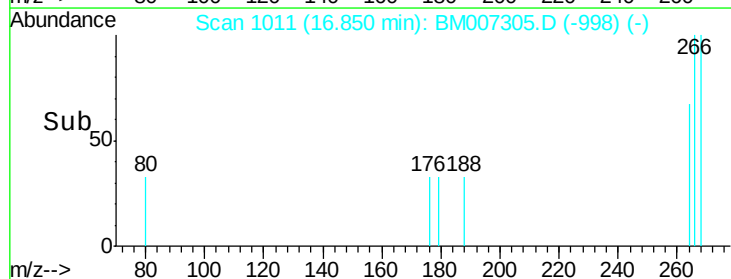
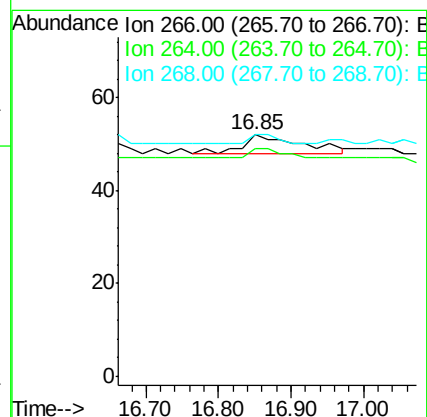
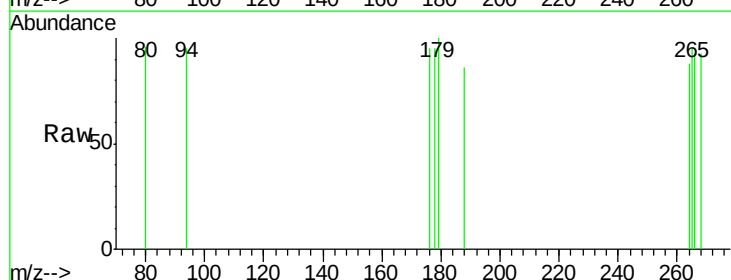
Tgt Ion:266 Resp: 22

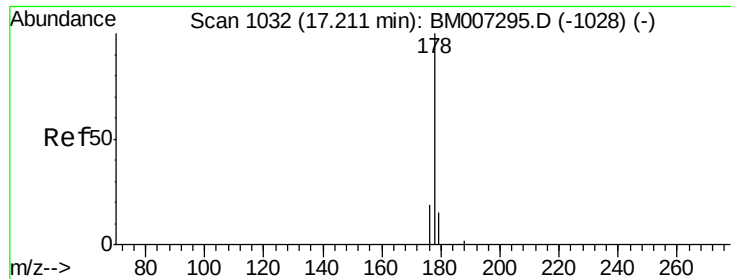
Ion Ratio Lower Upper

266 100

264 27.3 51.8 77.8#

268 22.7 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: BM007305.D

Acq: 26 Aug 2016 22:41

Instrument :

BNA_M

ClientSampleId :

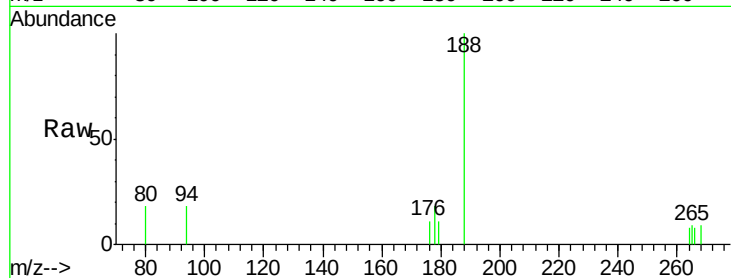
Tgt Ion:178 Resp: 128

Ion Ratio Lower Upper

178 100

176 58.9 13.0 19.4#

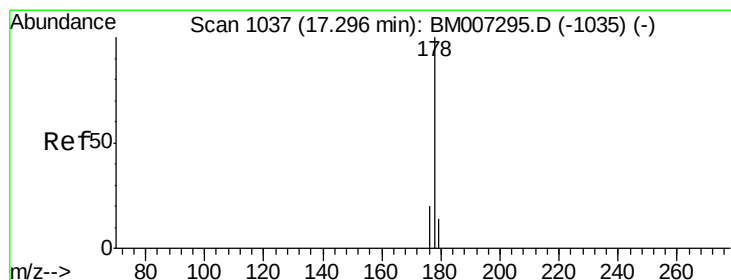
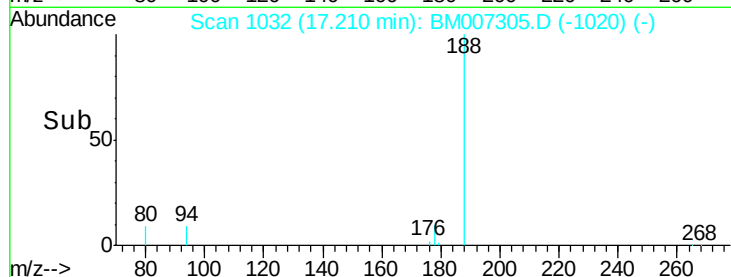
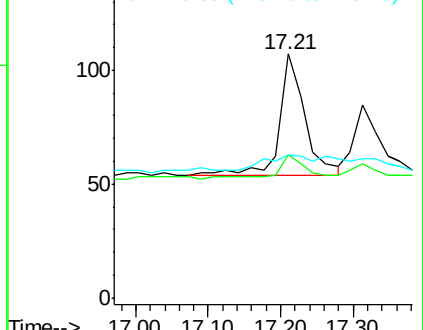
179 58.9 14.2 21.2#



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: BM007305.D

Acq: 26 Aug 2016 22:41

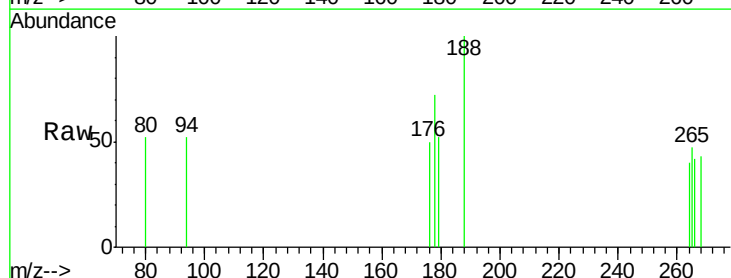
Tgt Ion:178 Resp: 68

Ion Ratio Lower Upper

178 100

176 69.4 14.0 21.0#

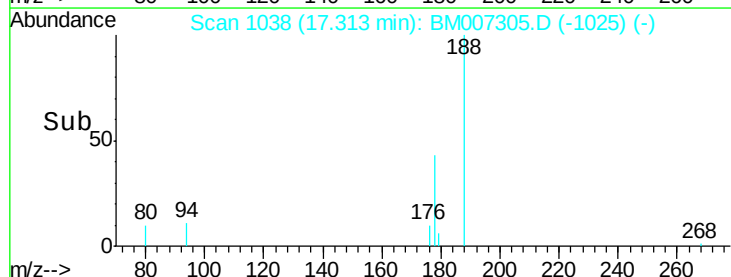
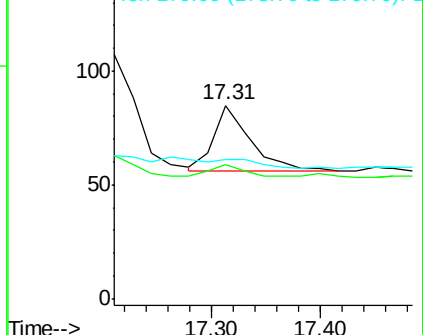
179 71.8 12.9 19.3#

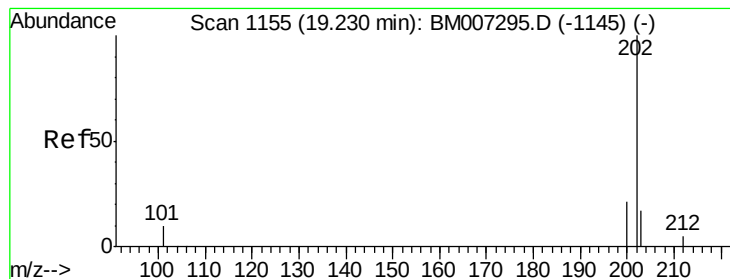


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.23 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BM007305.D

Acq: 26 Aug 2016 22:41

Instrument :

BNA_M

ClientSampleId :

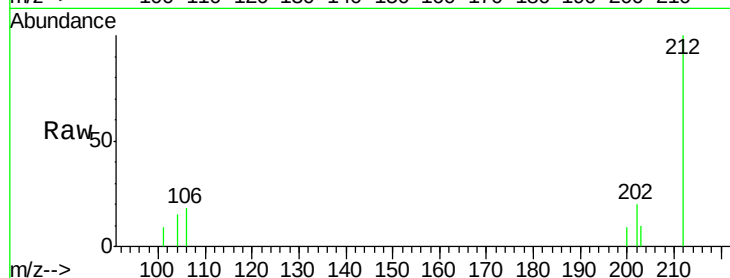
Tgt Ion:202 Resp: 184

Ion Ratio Lower Upper

202 100

101 44.4 0.0 29.6#

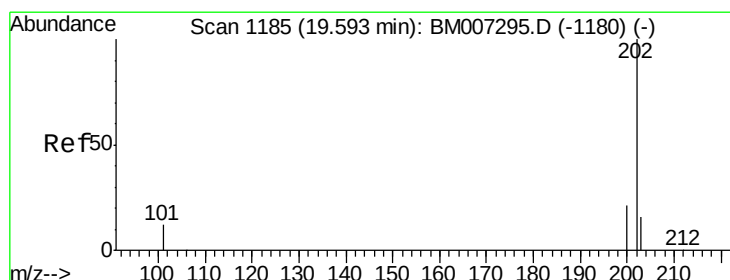
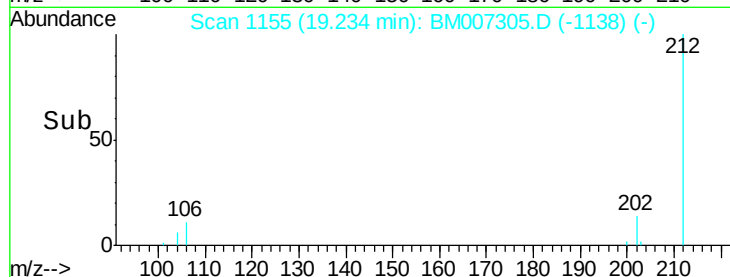
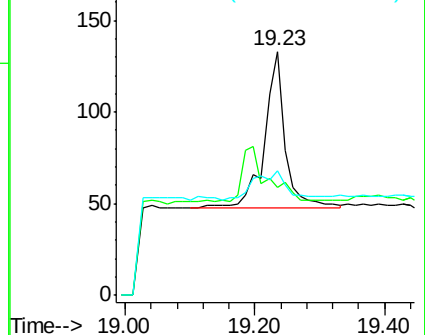
203 51.1 0.0 36.3#



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: 19.60 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BM007305.D

Acq: 26 Aug 2016 22:41

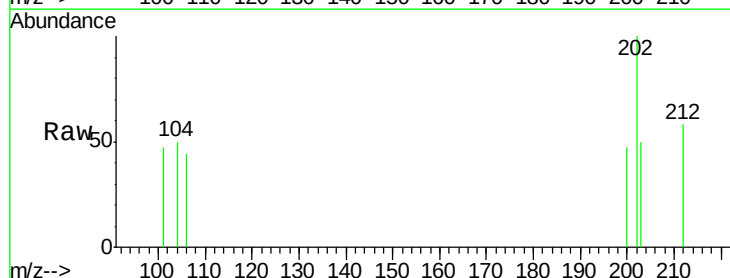
Tgt Ion:202 Resp: 153

Ion Ratio Lower Upper

202 100

200 47.5 17.8 26.8#

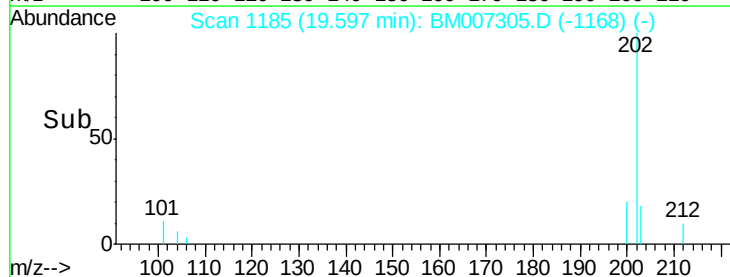
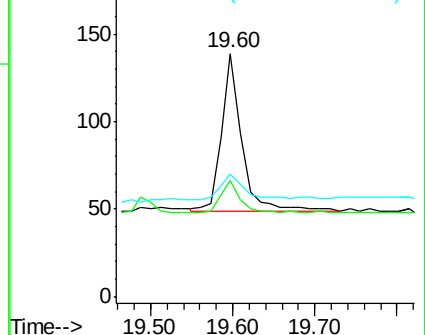
203 50.4 12.8 19.2#

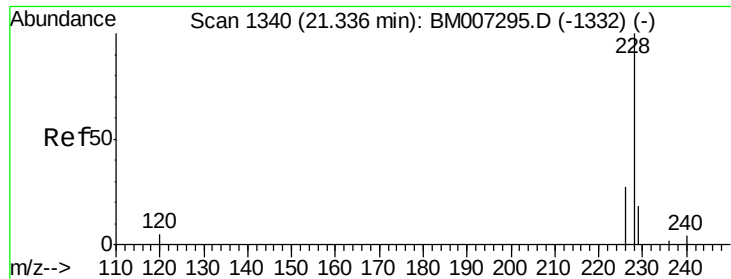


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM007305.D

Acq: 26 Aug 2016 22:41

Instrument :

BNA_M

ClientSampleId :

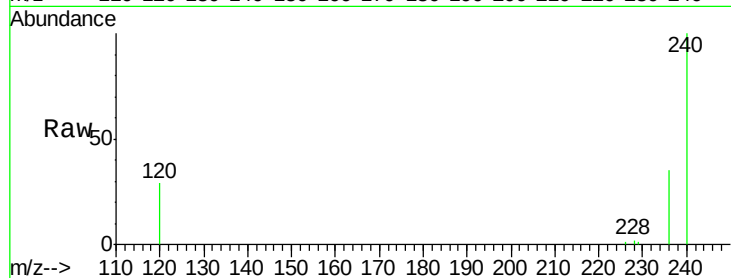
Tgt Ion:228 Resp: 157

Ion Ratio Lower Upper

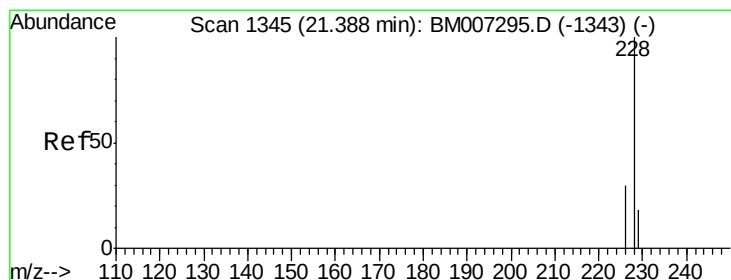
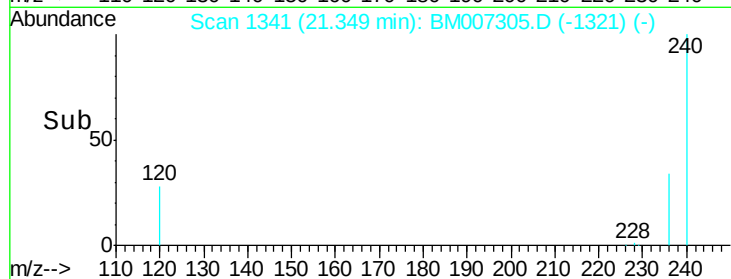
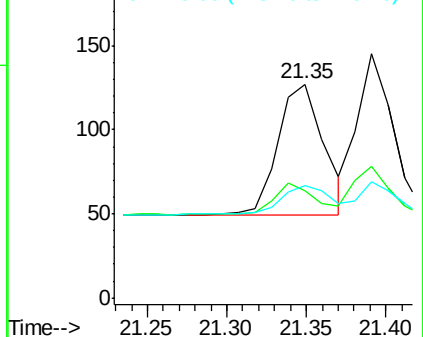
228 100

226 50.4 18.8 28.2#

229 52.8 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: BM007305.D

Acq: 26 Aug 2016 22:41

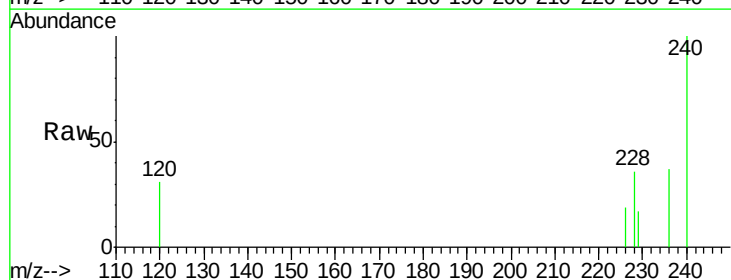
Tgt Ion:228 Resp: 161

Ion Ratio Lower Upper

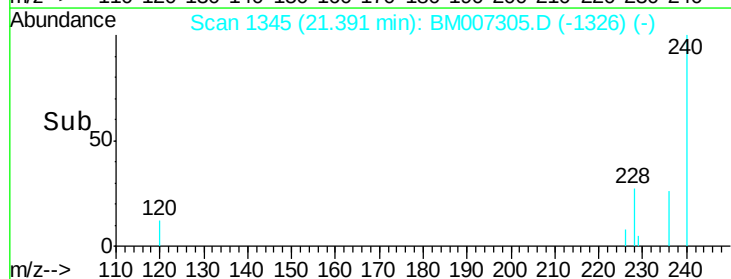
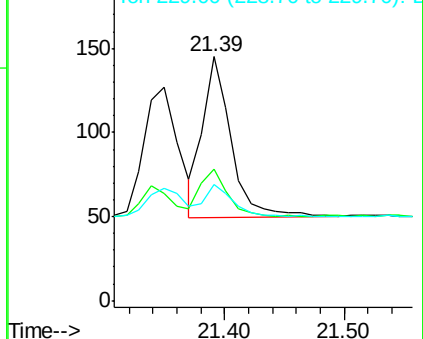
228 100

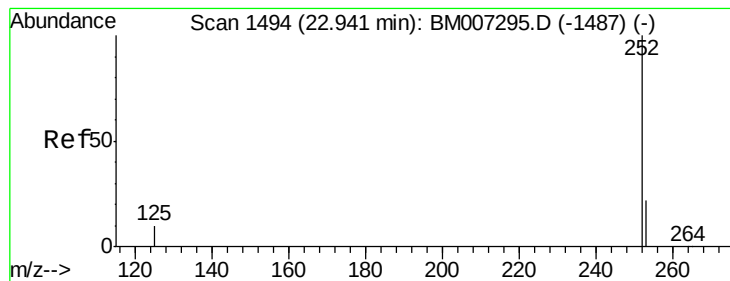
226 53.8 21.2 31.8#

229 47.6 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: 0.00 ng/ul

RT: 22.94 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BM007305.D

Acq: 26 Aug 2016 22:41

Instrument :

BNA_M

ClientSampleId :

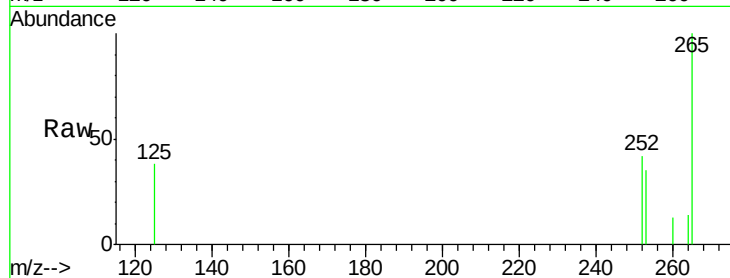
Tgt Ion:252 Resp: 172

Ion Ratio Lower Upper

252 100

253 83.4 0.0 45.4#

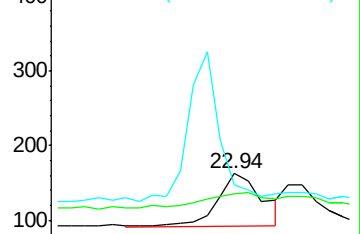
125 90.8 0.0 28.8#



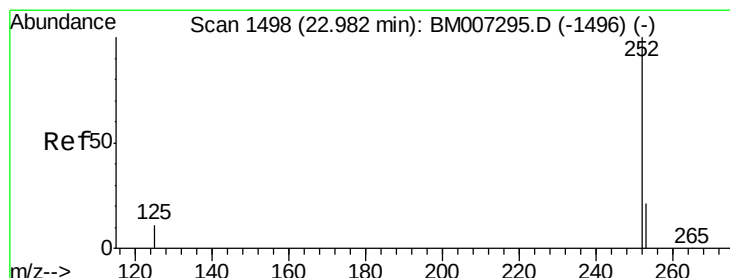
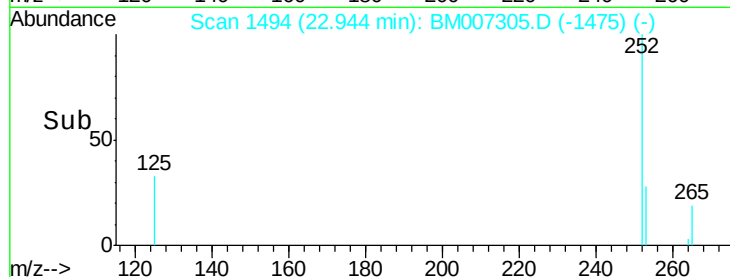
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.99 min Scan# 1498

Delta R.T. 0.00 min

Lab File: BM007305.D

Acq: 26 Aug 2016 22:41

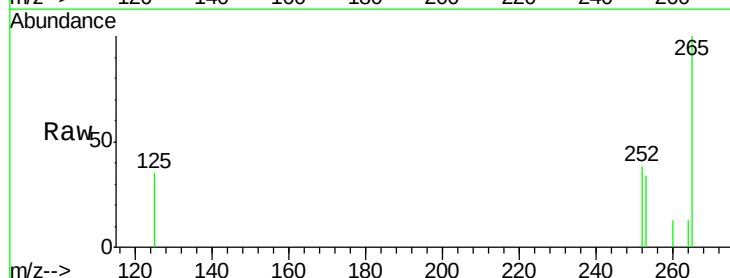
Tgt Ion:252 Resp: 124

Ion Ratio Lower Upper

252 100

253 90.5 19.8 29.8#

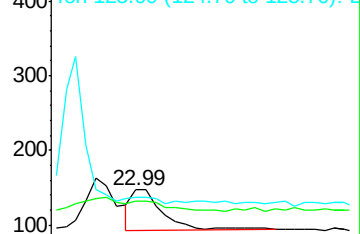
125 93.2 10.4 15.6#



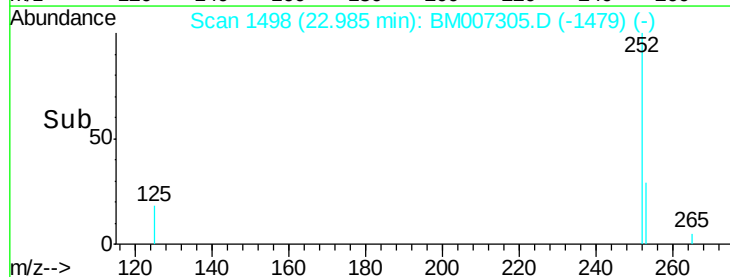
Abundance Ion 252.00 (251.70 to 252.70): E

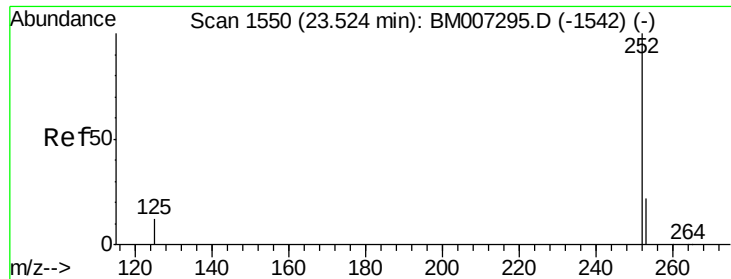
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.53 min Scan# 1550

Delta R.T. 0.00 min

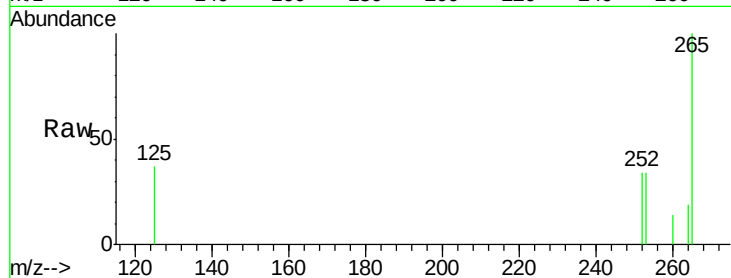
Lab File: BM007305.D

Acq: 26 Aug 2016 22:41

Instrument :

BNA_M

ClientSampleId :



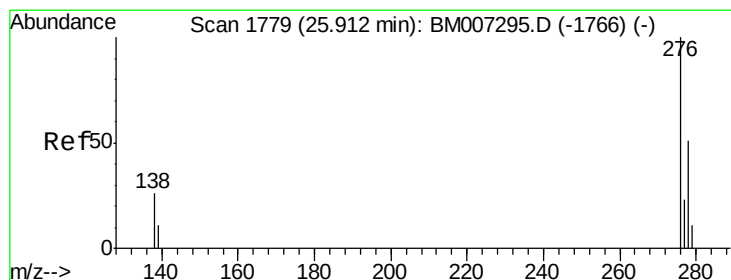
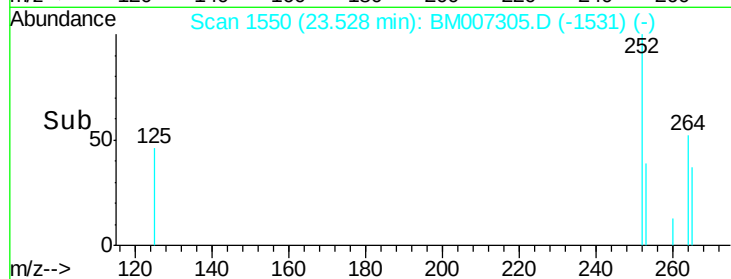
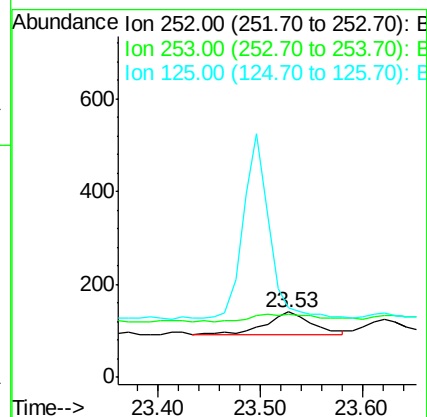
Tgt Ion: 252 Resp: 139

Ion Ratio Lower Upper

252 100

253 97.9 19.4 29.2#

125 106.4 12.7 19.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.96 min Scan# 1783

Delta R.T. 0.04 min

Lab File: BM007305.D

Acq: 26 Aug 2016 22:41

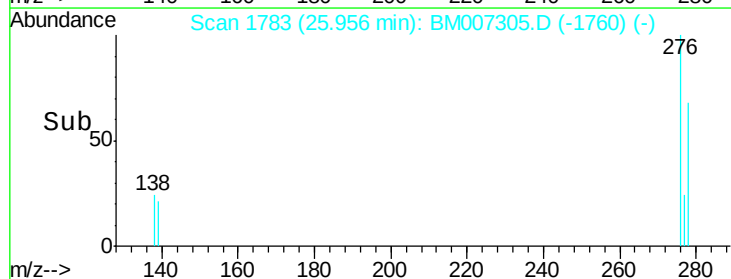
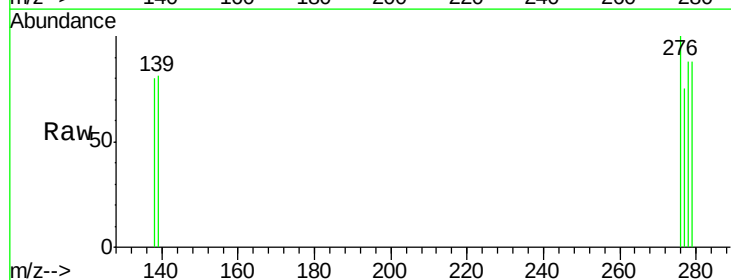
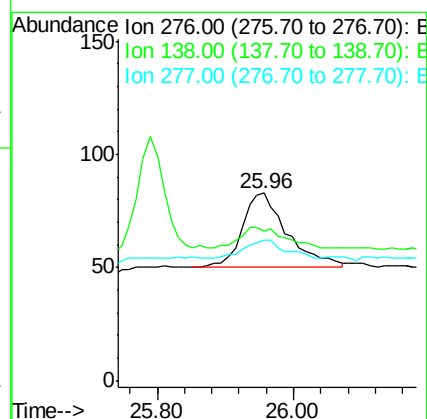
Tgt Ion: 276 Resp: 153

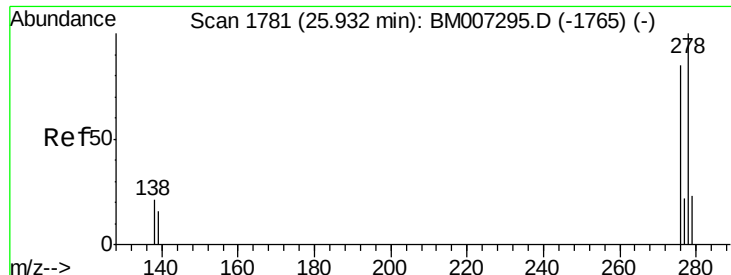
Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

277 22.2 19.8 29.8





#25

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.97 min Scan# 1784

Delta R.T. 0.03 min

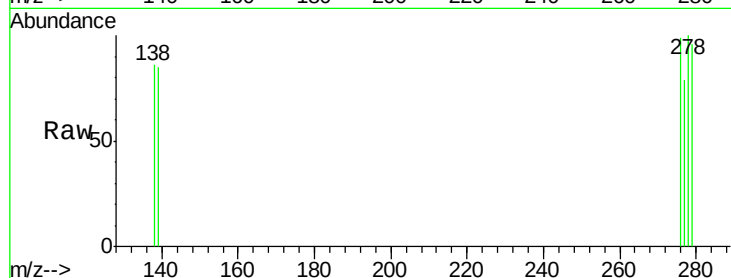
Lab File: BM007305.D

Acq: 26 Aug 2016 22:41

Instrument :

BNA_M

ClientSampleId :



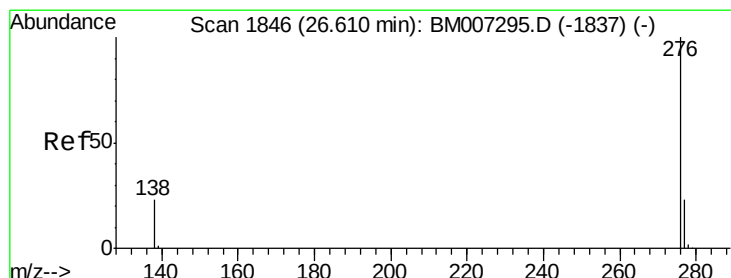
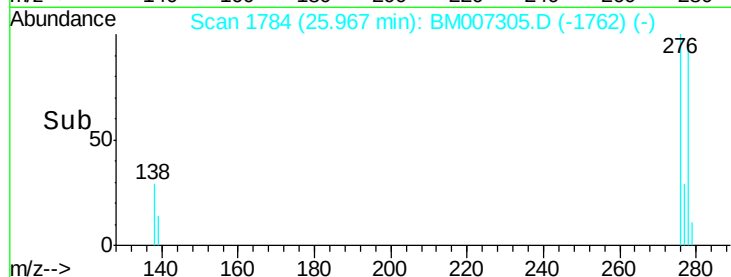
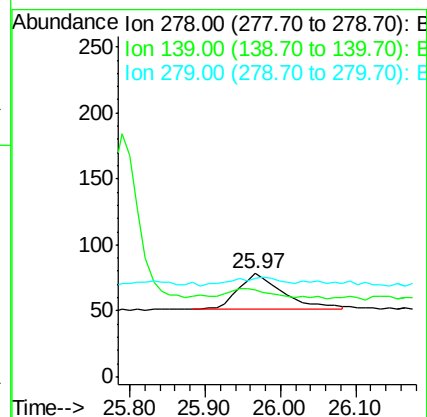
Tgt Ion: 278 Resp: 113

Ion Ratio Lower Upper

278 100

139 84.6 16.4 24.6#

279 96.2 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: BM007305.D

Acq: 26 Aug 2016 22:41

Tgt Ion: 276 Resp: 136

Ion Ratio Lower Upper

276 100

277 75.0 18.9 28.3#

138 83.7 22.5 33.7#

