

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
 Data File : BM004791.D
 Acq On : 25 Mar 2016 23:21
 Operator : UM/SJ
 Sample : H1909-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T53

Quant Time: Mar 26 05:32:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 26 02:43:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1261	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5756	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3512	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.30	188	548511	5.00	ng/ul	0.09
18) Chrysene-d12	21.39	240	7643	5.00	ng/ul	0.00
22) Perylene-d12	23.53	264	601648	5.00	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.32	96	1803	3.17	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2904	0.36	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	7610	0.01	ng/ul	0.00

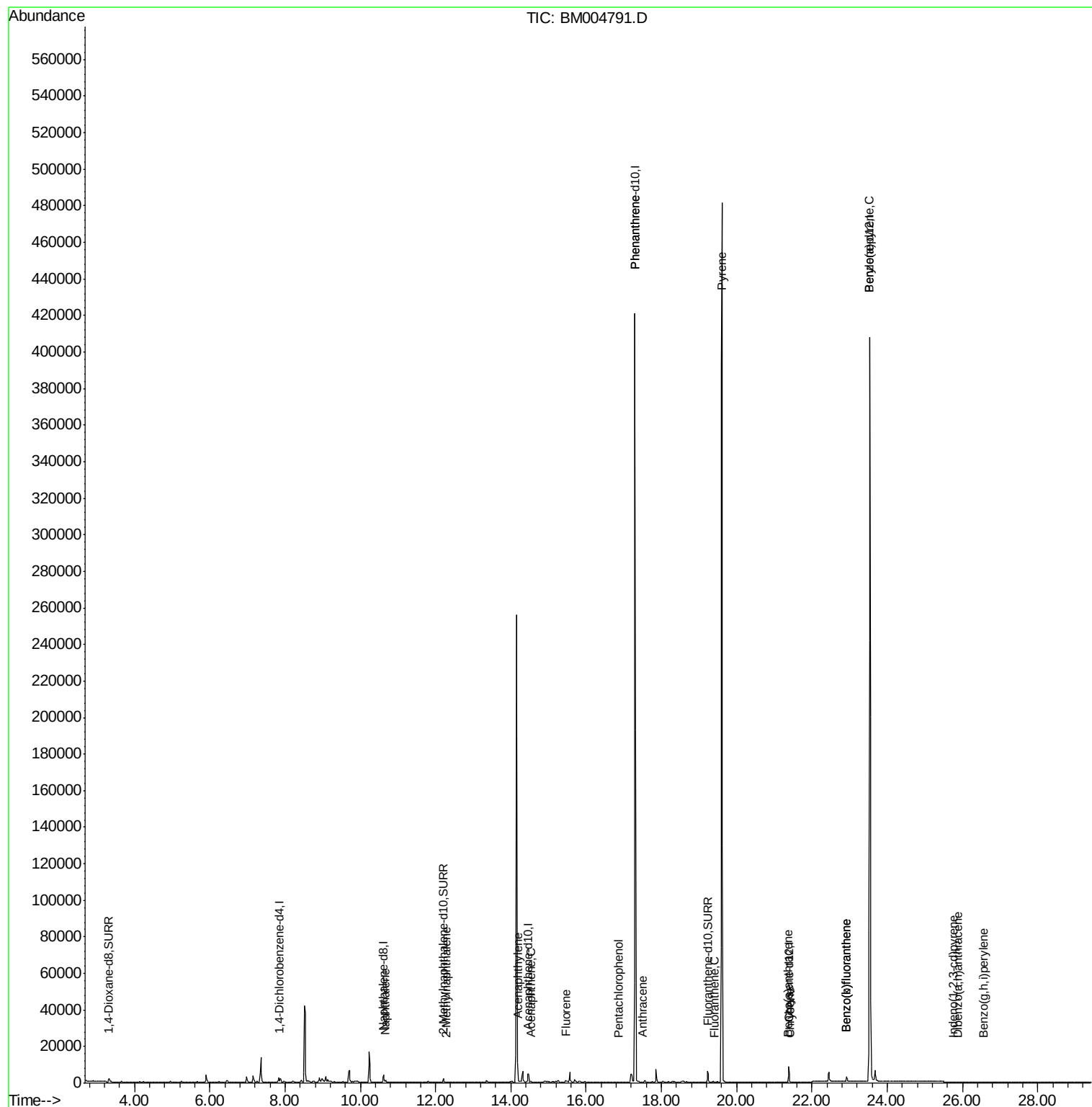
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.67	128	285	0.02	ng/ul#	31
7) 2-Methylnaphthalene	12.28	142	70	0.01	ng/ul	99
9) Acenaphthylene	14.18	152	145	0.01	ng/ul#	12
10) Acenaphthene	14.54	153	295	0.03	ng/ul#	48
11) Fluorene	15.46	166	1177	0.09	ng/ul#	25
13) Pentachlorophenol	16.85	266	21	0.00	ng/ul	92
14) Phenanthrene	17.30	178	343	0.00	ng/ul#	1
15) Anthracene	17.48	178	25	0.00	ng/ul#	1
17) Fluoranthene	19.41	202	44	0.00	ng/ul#	1
19) Pyrene	19.60	202	1182	0.05	ng/ul#	1
20) Benzo(a)anthracene	21.37	228	121	0.01	ng/ul#	1
21) Chrysene	21.42	228	86	0.00	ng/ul#	8
23) Benzo(b)fluoranthene	22.92	252	24	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.92	252	24	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.53	252	2411	0.00	ng/ul#	56
26) Indeno(1,2,3-cd)pyrene	25.74	276	6	0.00	ng/ul#	1
27) Dibenzo(a,h)anthracene	25.88	278	4	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.55	276	6	0.00	ng/ul#	1

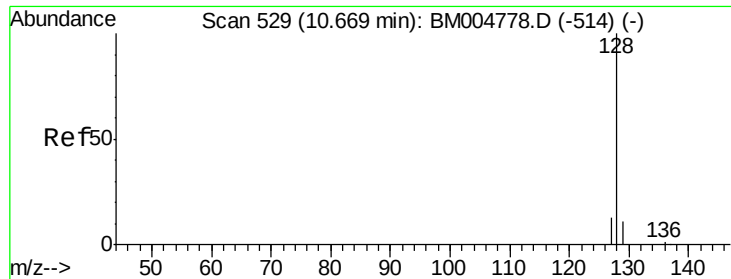
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
Data File : BM004791.D
Acq On : 25 Mar 2016 23:21
Operator : UM/SJ
Sample : H1909-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T53

Quant Time: Mar 26 05:32:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 26 02:43:19 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.02 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. 0.00 min

Lab File: BM004791.D

Acq: 25 Mar 2016 23:21

Instrument :

BNA_M

ClientSampleId :

A4T53

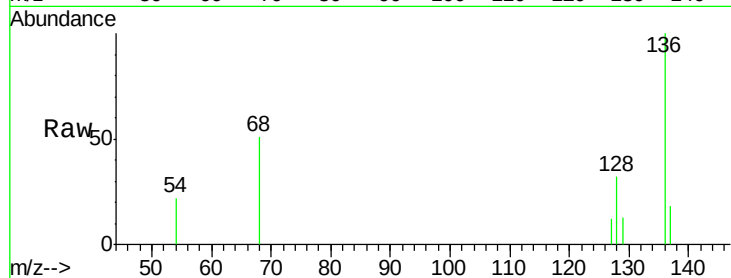
Tgt Ion:128 Resp: 285

Ion Ratio Lower Upper

128 100

129 39.4 9.0 13.6#

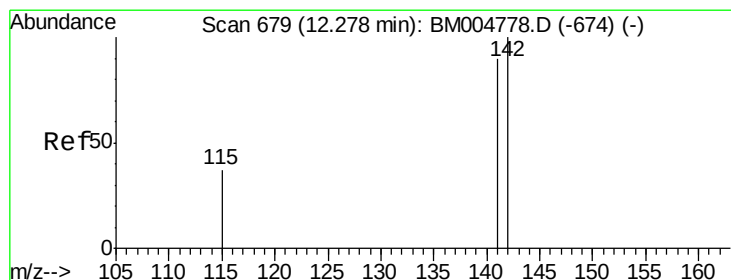
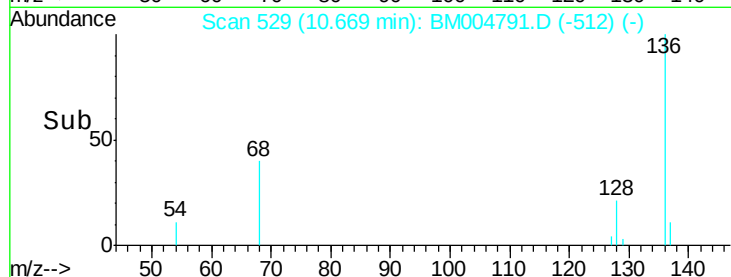
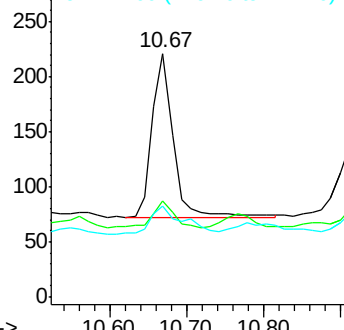
127 37.1 9.6 14.4#



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



#7

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 12.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM004791.D

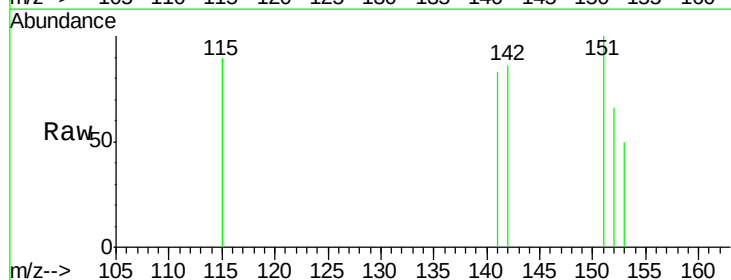
Acq: 25 Mar 2016 23:21

Tgt Ion:142 Resp: 70

Ion Ratio Lower Upper

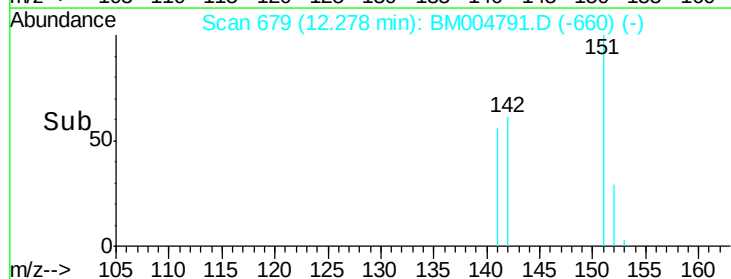
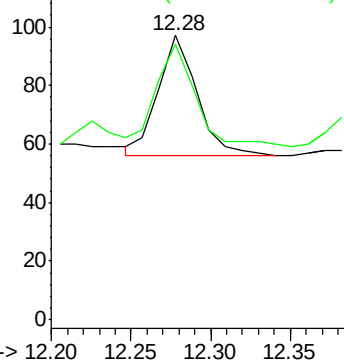
142 100

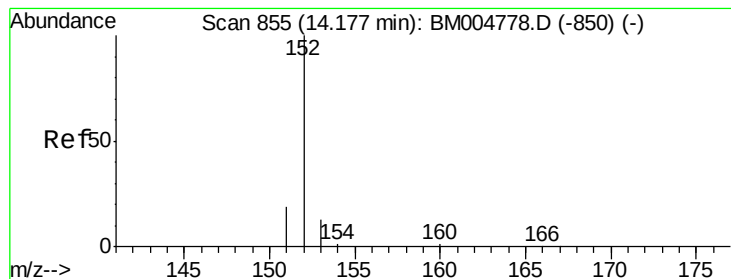
141 87.1 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. 0.00 min

Lab File: BM004791.D

Acq: 25 Mar 2016 23:21

Instrument :

BNA_M

ClientSampleId :

A4T53

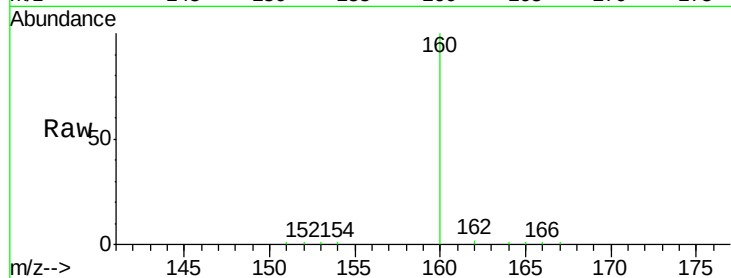
Tgt Ion:152 Resp: 145

Ion Ratio Lower Upper

152 100

151 58.1 17.6 26.4#

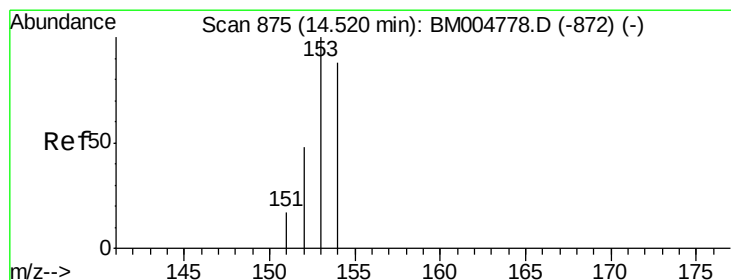
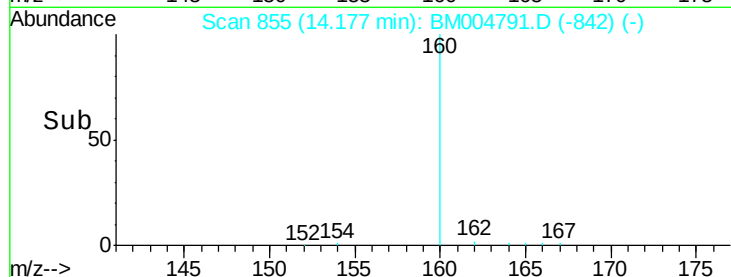
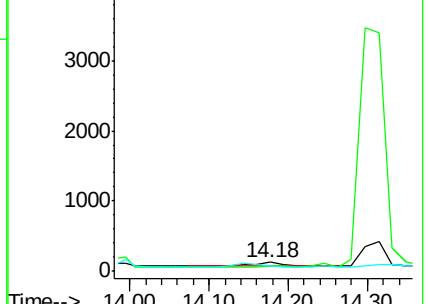
153 55.0 9.7 14.5#



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



#10

Acenaphthene

Concen: 0.03 ng/ul

RT: 14.54 min Scan# 876

Delta R.T. 0.02 min

Lab File: BM004791.D

Acq: 25 Mar 2016 23:21

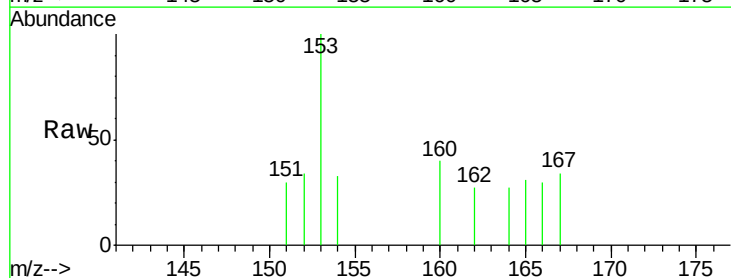
Tgt Ion:153 Resp: 295

Ion Ratio Lower Upper

153 100

152 34.1 33.9 50.9

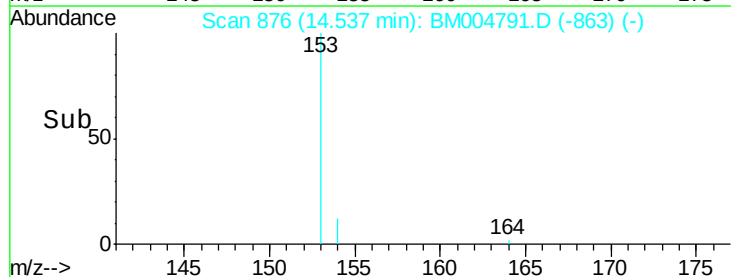
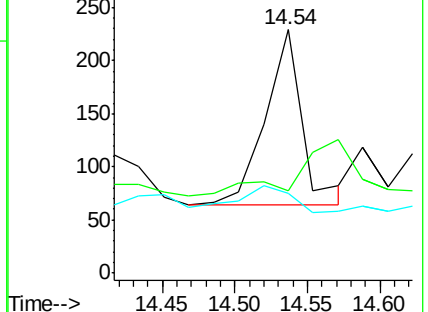
154 32.8 80.6 121.0#

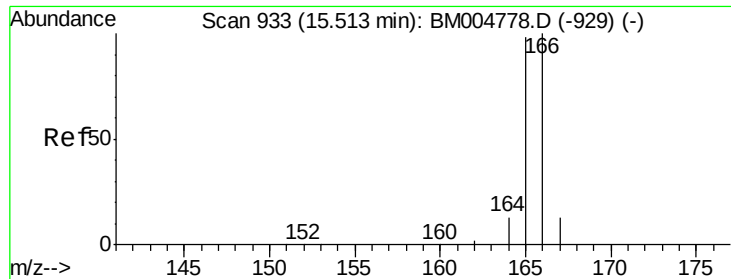


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

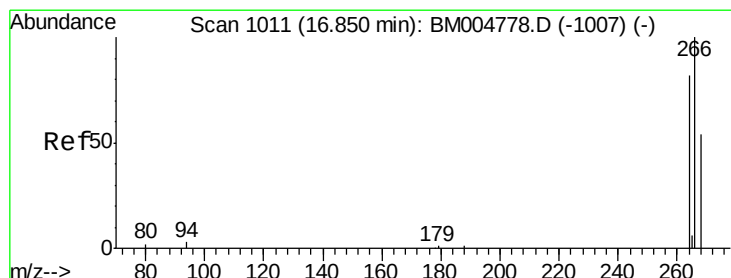
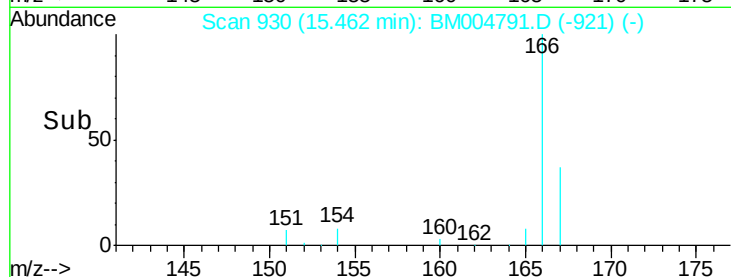
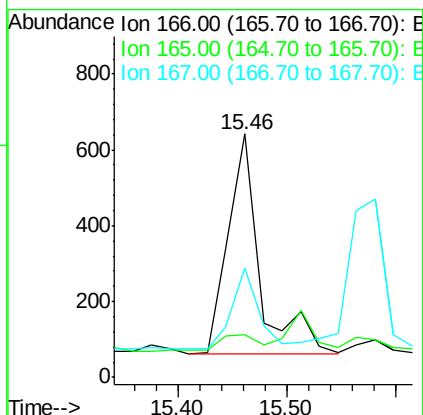
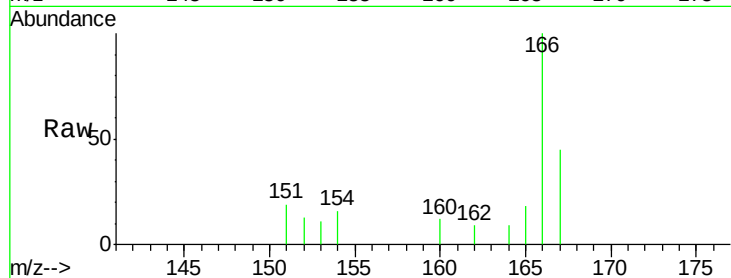




#11
 Fluorene
 Concen: 0.09 ng/ul
 RT: 15.46 min Scan# 930
 Delta R.T. -0.05 min
 Lab File: BM004791.D
 Acq: 25 Mar 2016 23:21

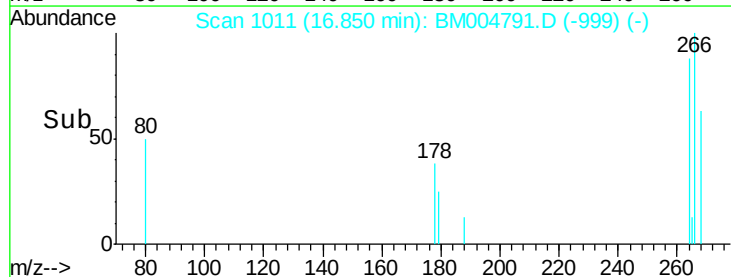
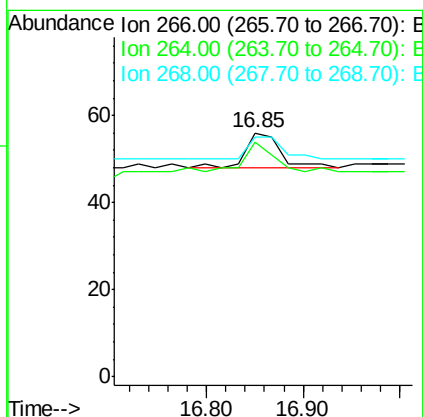
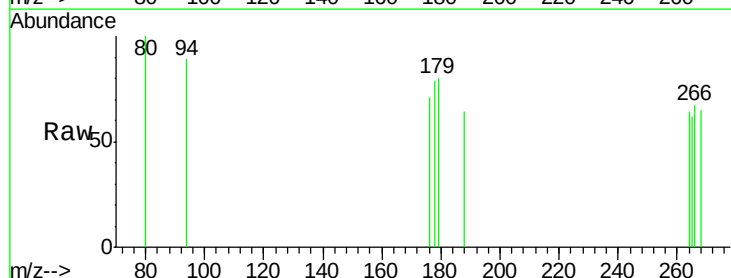
Instrument :
 BNA_M
 ClientSampleId :
 A4T53

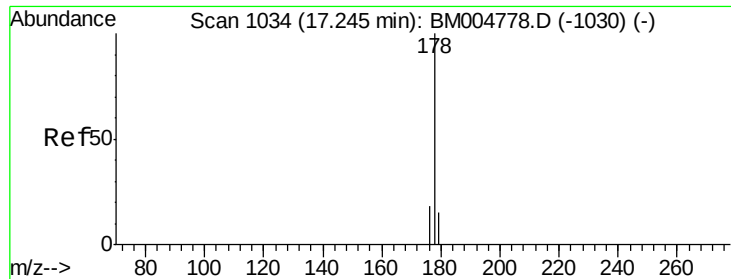
Tgt Ion:166 Resp: 1177
 Ion Ratio Lower Upper
 166 100
 165 17.6 69.6 104.4#
 167 45.0 11.9 17.9#



#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.85 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BM004791.D
 Acq: 25 Mar 2016 23:21

Tgt Ion:266 Resp: 21
 Ion Ratio Lower Upper
 266 100
 264 76.2 51.8 77.8
 268 57.1 46.8 70.2





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.05 min

Lab File: BM004791.D

Acq: 25 Mar 2016 23:21

Instrument :

BNA_M

ClientSampleId :

A4T53

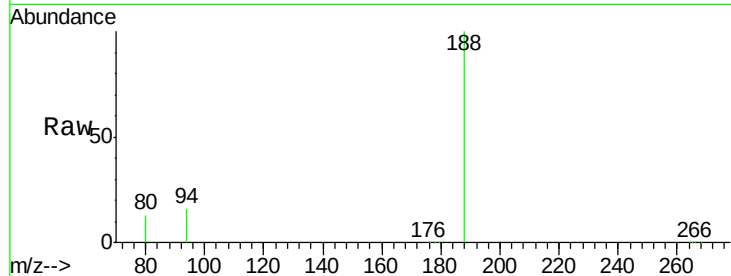
Tgt Ion:178 Resp: 343

Ion Ratio Lower Upper

178 100

176 29.4 13.0 19.4#

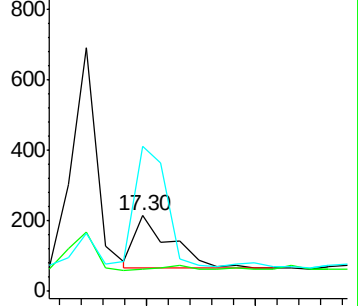
179 192.5 14.2 21.2#



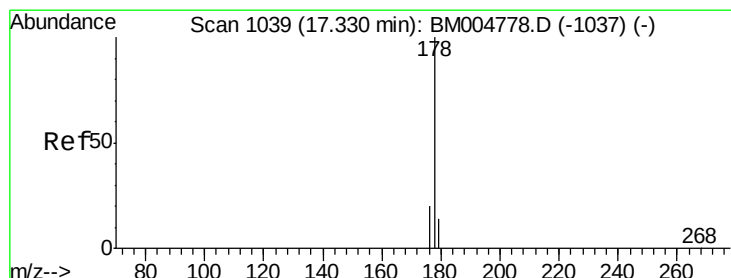
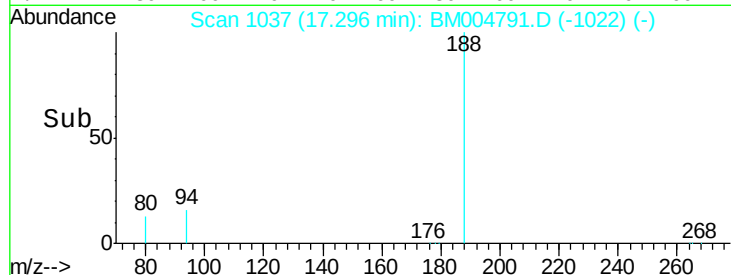
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.48 min Scan# 1048

Delta R.T. 0.15 min

Lab File: BM004791.D

Acq: 25 Mar 2016 23:21

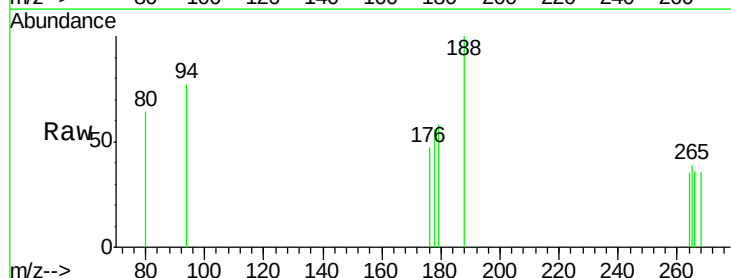
Tgt Ion:178 Resp: 25

Ion Ratio Lower Upper

178 100

176 83.1 14.0 21.0#

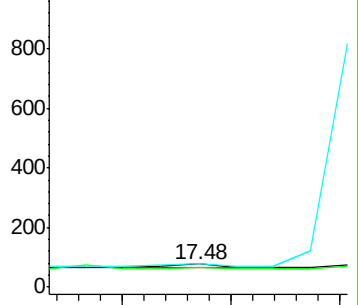
179 102.6 12.9 19.3#



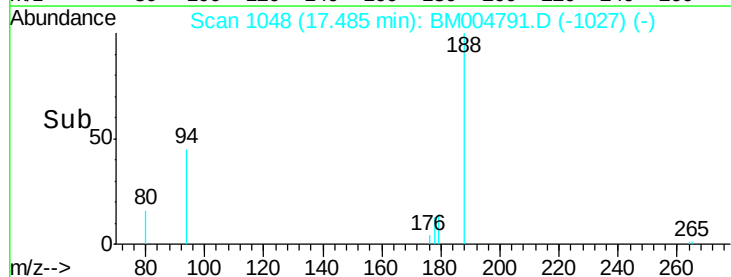
Abundance Ion 178.00 (177.70 to 178.70): E

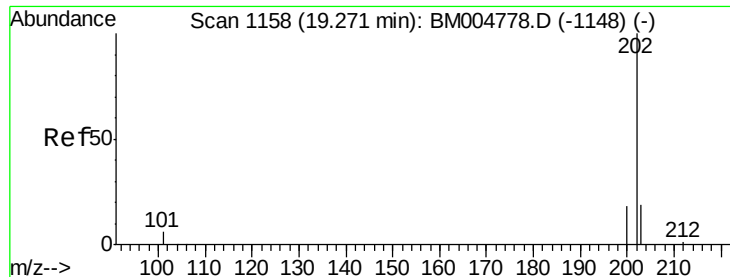
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

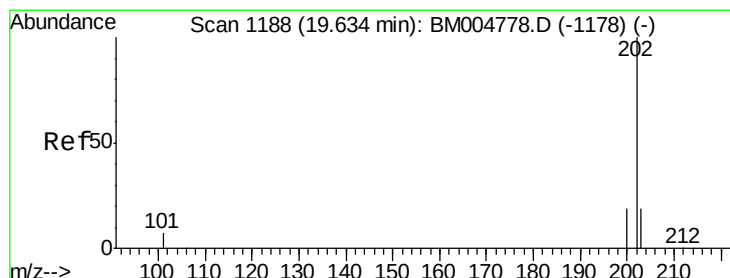
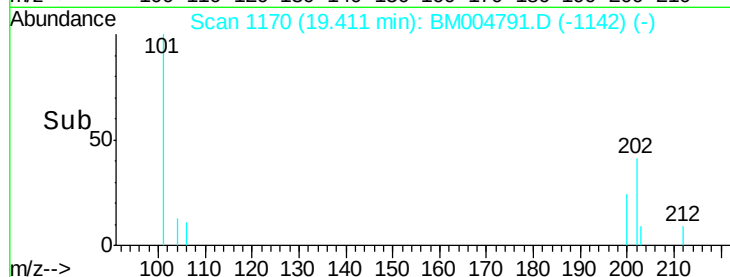
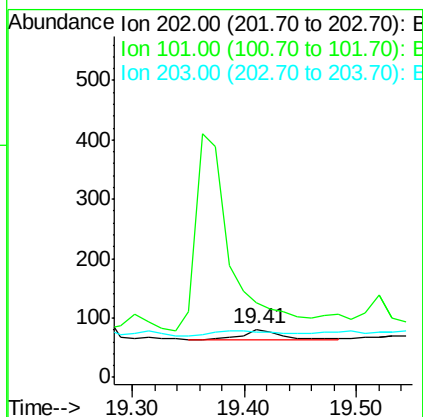
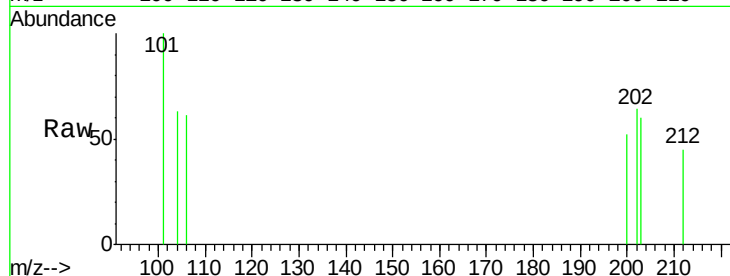




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.41 min Scan# 1170
 Delta R.T. 0.14 min
 Lab File: BM004791.D
 Acq: 25 Mar 2016 23:21

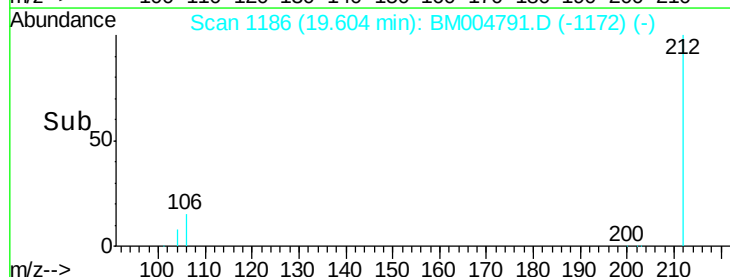
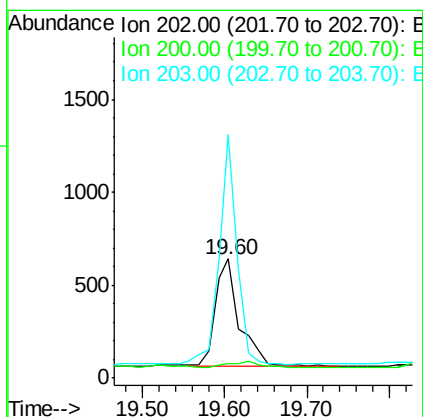
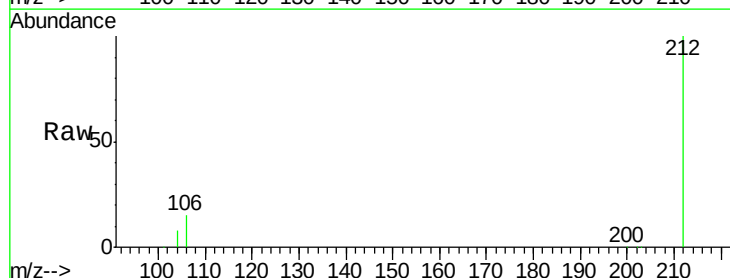
Instrument :
 BNA_M
 ClientSampleId :
 A4T53

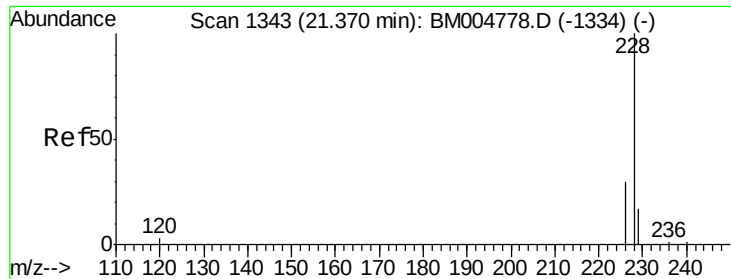
Tgt Ion:202 Resp: 44
 Ion Ratio Lower Upper
 202 100
 101 155.6 0.0 29.6#
 203 93.8 0.0 36.3#



#19
Pyrene
 Concen: 0.05 ng/ul
 RT: 19.60 min Scan# 1186
 Delta R.T. -0.03 min
 Lab File: BM004791.D
 Acq: 25 Mar 2016 23:21

Tgt Ion:202 Resp: 1182
 Ion Ratio Lower Upper
 202 100
 200 11.7 17.8 26.8#
 203 204.7 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.37 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BM004791.D

Acq: 25 Mar 2016 23:21

Instrument :

BNA_M

ClientSampleId :

A4T53

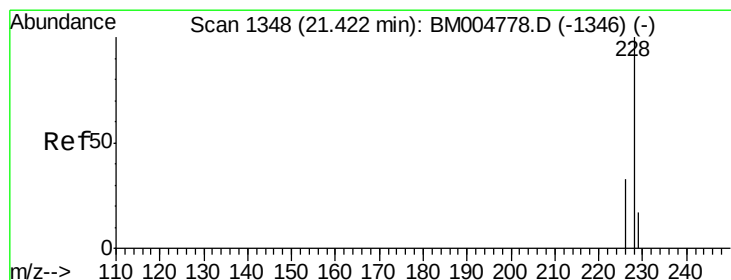
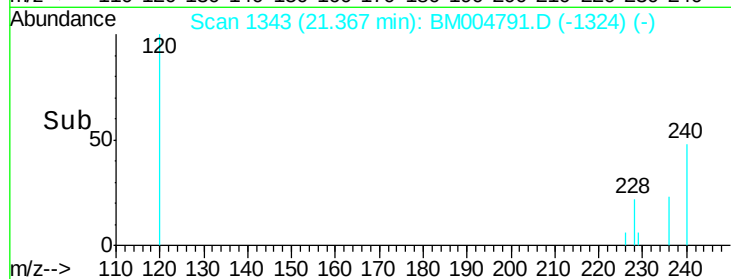
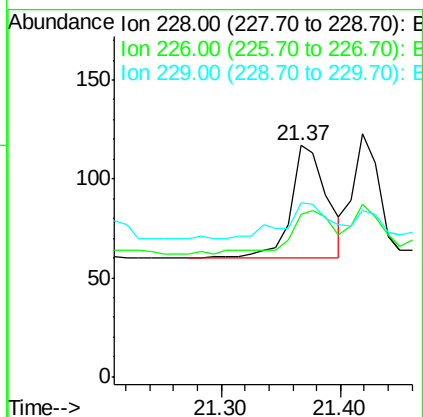
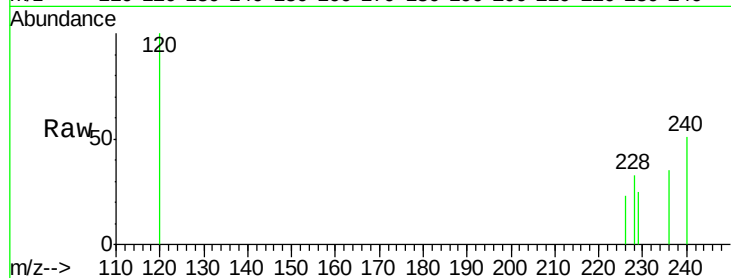
Tgt Ion:228 Resp: 121

Ion Ratio Lower Upper

228 100

226 70.1 18.8 28.2#

229 75.2 17.1 25.7#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BM004791.D

Acq: 25 Mar 2016 23:21

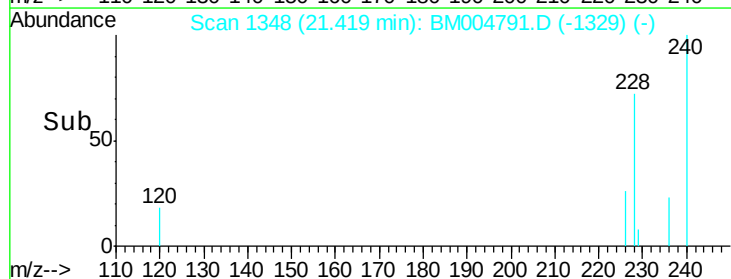
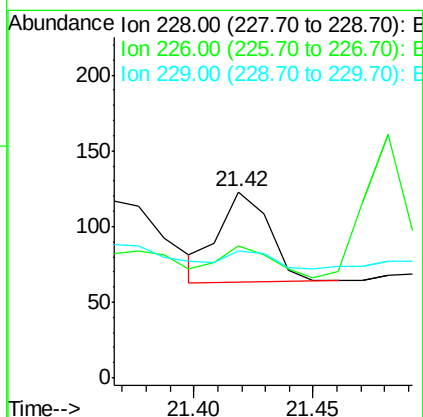
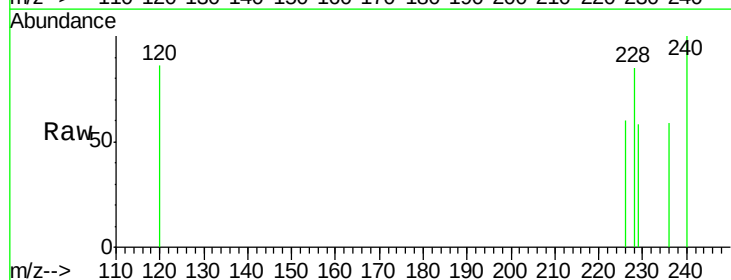
Tgt Ion:228 Resp: 86

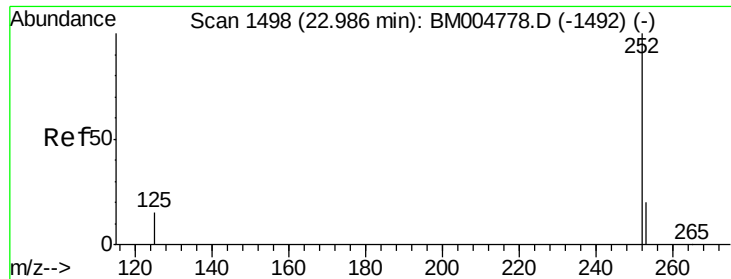
Ion Ratio Lower Upper

228 100

226 70.7 21.2 31.8#

229 68.3 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.92 min Scan# 1492

Delta R.T. -0.07 min

Lab File: BM004791.D

Acq: 25 Mar 2016 23:21

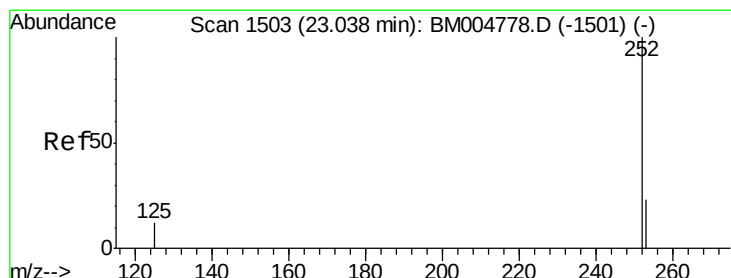
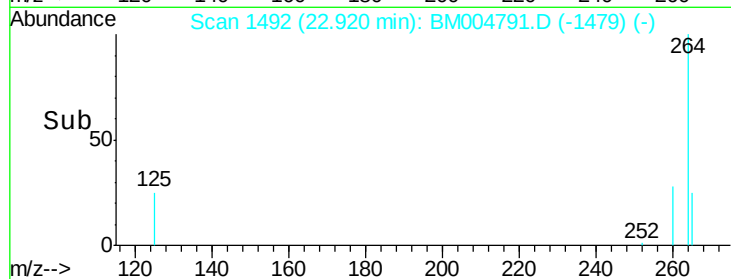
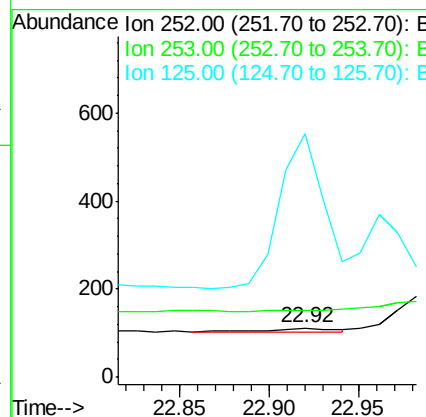
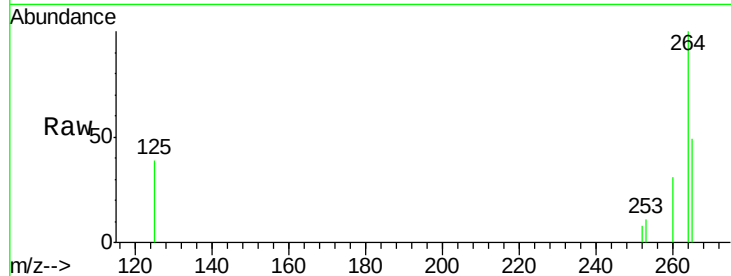
Instrument :

BNA_M

ClientSampleId :

A4T53

Tgt Ion:	252	Resp:	24
Ion	Ratio	Lower	Upper
252	100		
253	136.0	0.0	45.4#
125	498.2	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

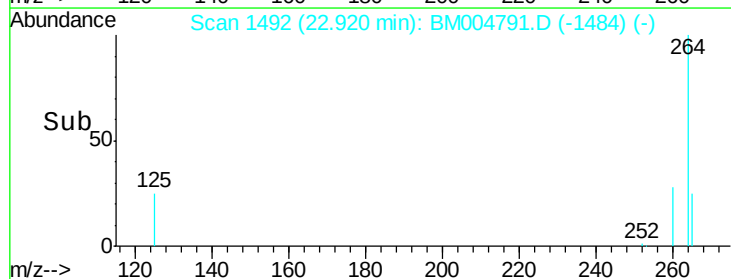
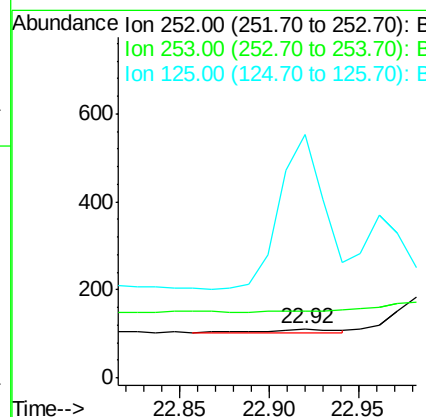
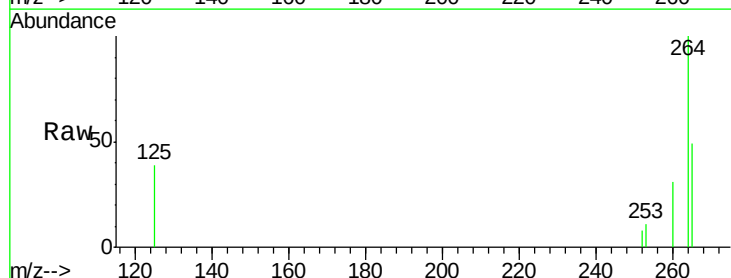
RT: 22.92 min Scan# 1492

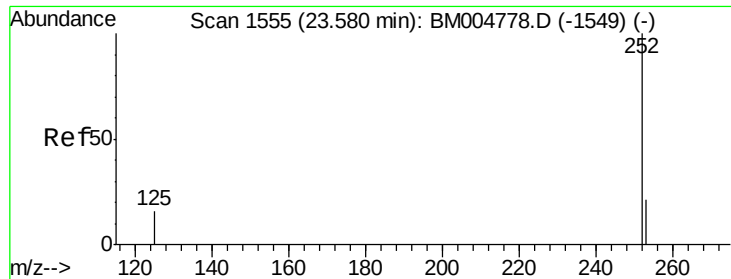
Delta R.T. -0.12 min

Lab File: BM004791.D

Acq: 25 Mar 2016 23:21

Tgt Ion:	252	Resp:	24
Ion	Ratio	Lower	Upper
252	100		
253	136.0	19.8	29.8#
125	498.2	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.53 min Scan# 1551

Delta R.T. -0.05 min

Lab File: BM004791.D

Acq: 25 Mar 2016 23:21

Instrument :

BNA_M

ClientSampleId :

A4T53

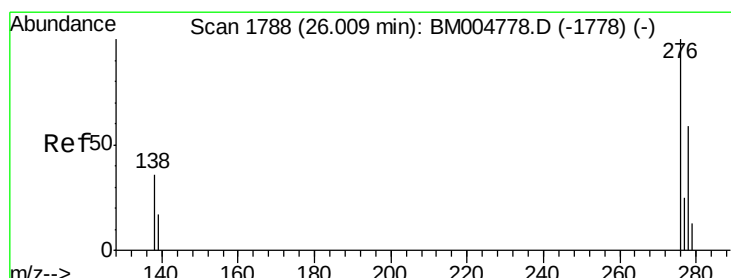
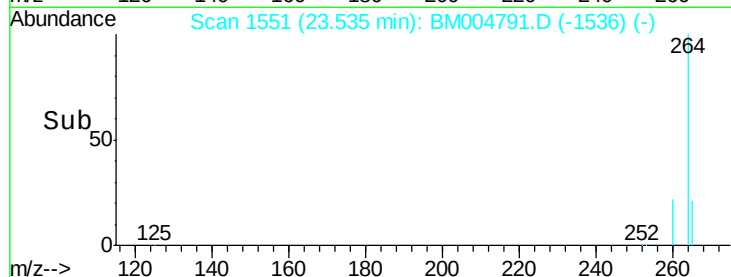
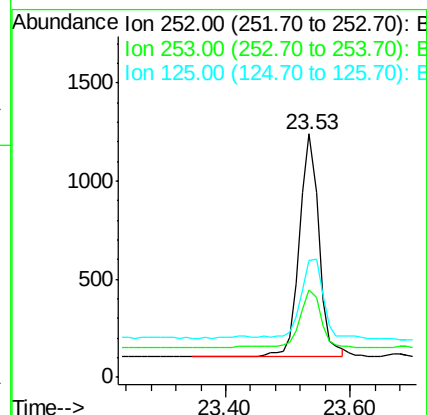
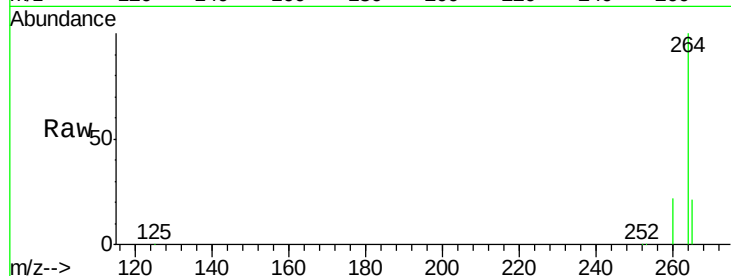
Tgt Ion: 252 Resp: 2411

Ion Ratio Lower Upper

252 100

253 36.2 19.4 29.2#

125 47.8 12.7 19.1#



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.74 min Scan# 1763

Delta R.T. -0.26 min

Lab File: BM004791.D

Acq: 25 Mar 2016 23:21

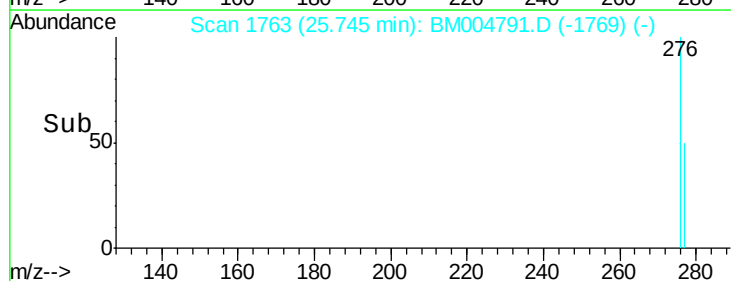
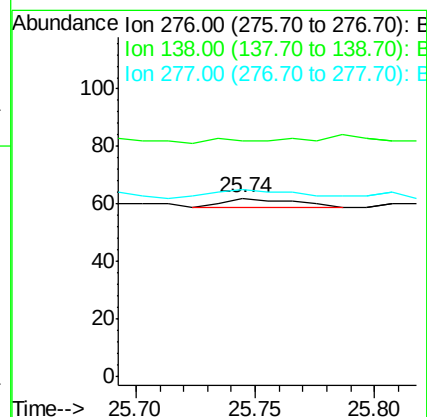
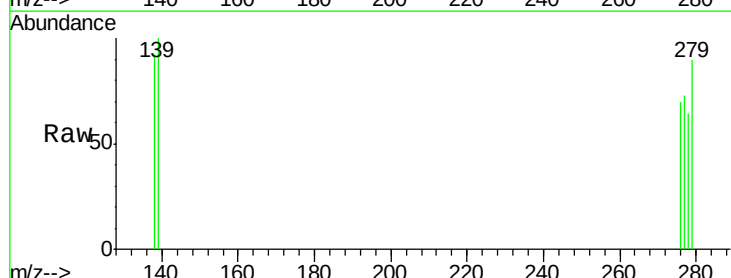
Tgt Ion: 276 Resp: 6

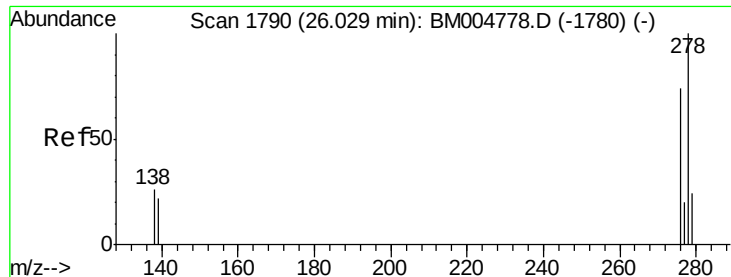
Ion Ratio Lower Upper

276 100

138 50.0 16.3 24.5#

277 133.3 19.8 29.8#





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.88 min Scan# 1776

Delta R.T. -0.15 min

Lab File: BM004791.D

Acq: 25 Mar 2016 23:21

Instrument :

BNA_M

ClientSampleId :

A4T53

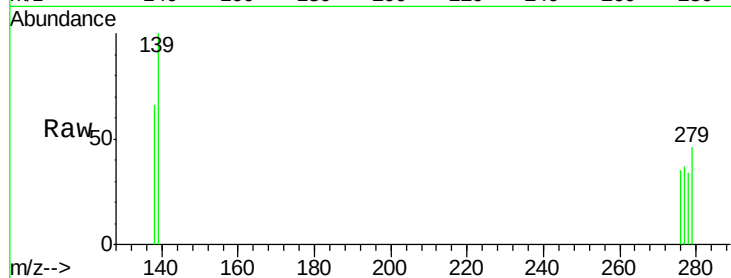
Tgt Ion: 278 Resp: 4

Ion Ratio Lower Upper

278 100

139 293.2 16.4 24.6#

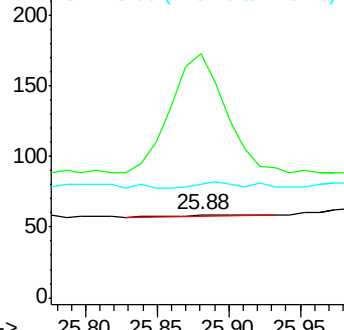
279 135.6 20.2 30.2#



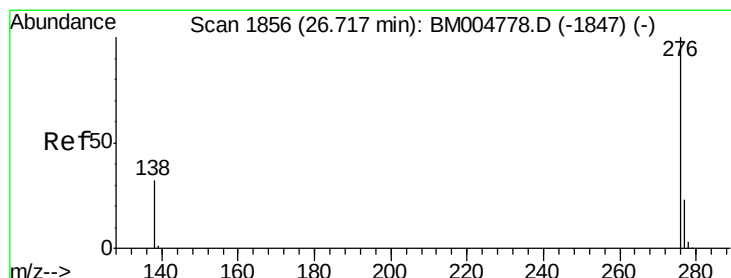
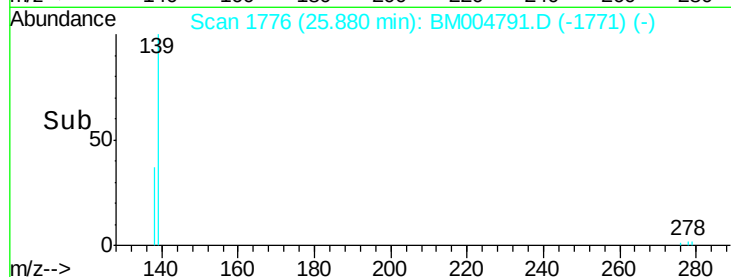
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.55 min Scan# 1840

Delta R.T. -0.17 min

Lab File: BM004791.D

Acq: 25 Mar 2016 23:21

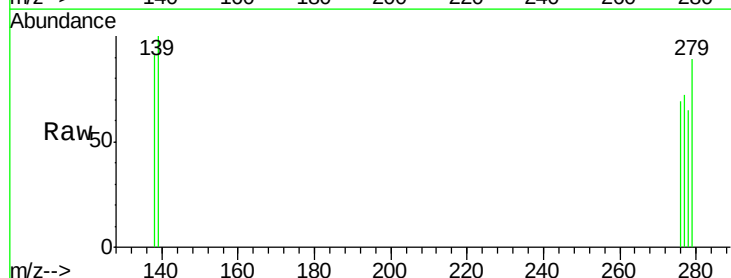
Tgt Ion: 276 Resp: 6

Ion Ratio Lower Upper

276 100

277 104.9 18.9 28.3#

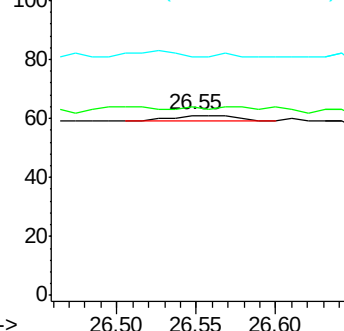
138 132.8 22.5 33.7#



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



Time-->

