

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
 Data File : BM004779.D
 Acq On : 25 Mar 2016 16:03
 Operator : UM/SJ
 Sample : H1909-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T37

Quant Time: Mar 26 02:44:28 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

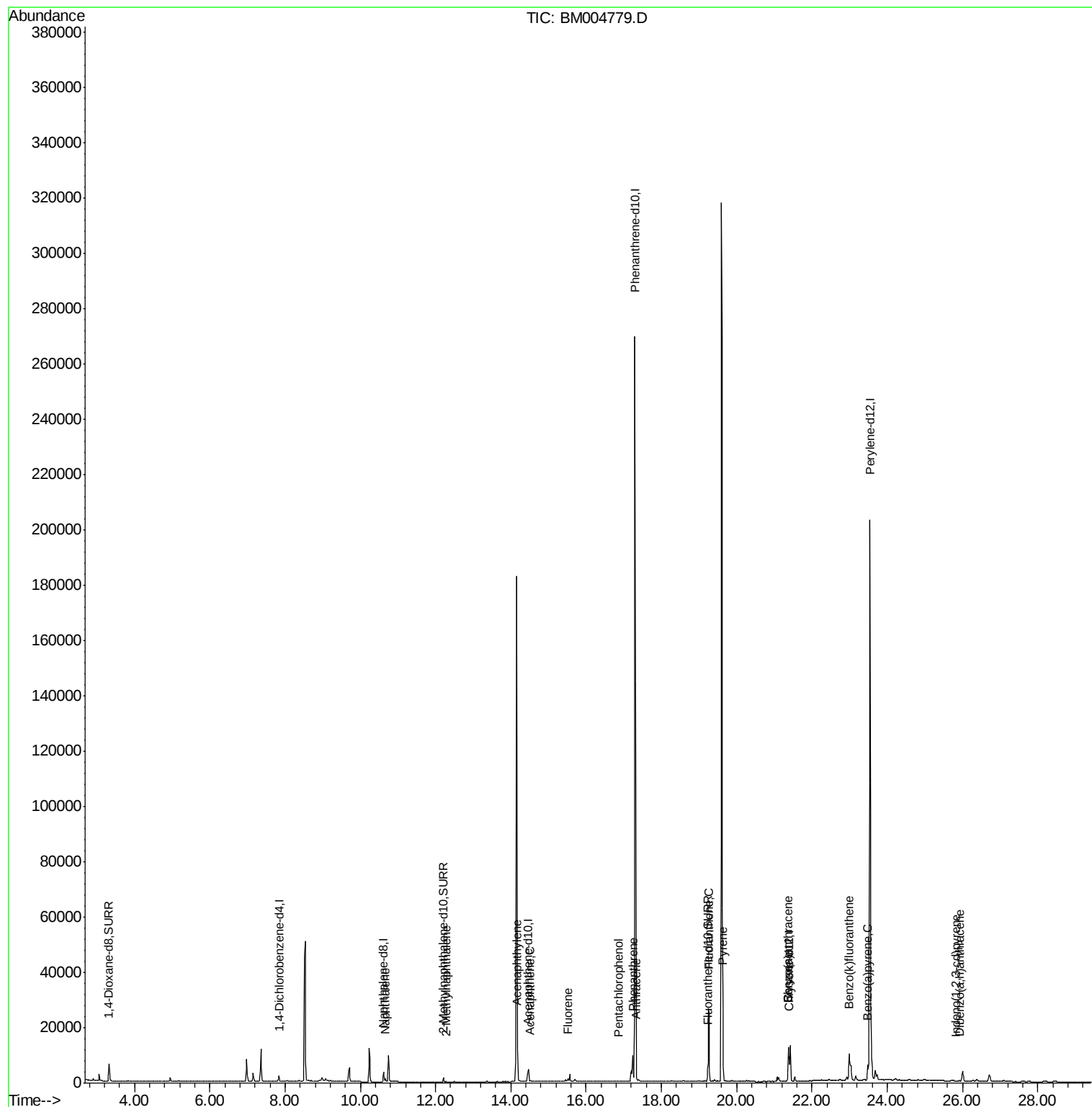
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1086	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4975	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3040	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.30	188	361744	5.00	ng/ul	0.09
18) Chrysene-d12	21.39	240	6037	5.00	ng/ul	0.00
22) Perylene-d12	23.54	264	289896	5.00	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	4999	10.21	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2199	0.32	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	4829	0.01	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.67	128	1489	0.12	ng/ul#	84
7) 2-Methylnaphthalene	12.28	142	285	0.03	ng/ul	95
9) Acenaphthylene	14.18	152	1276	0.09	ng/ul#	91
10) Acenaphthene	14.52	153	324	0.03	ng/ul#	80
11) Fluorene	15.51	166	568	0.05	ng/ul#	82
13) Pentachlorophenol	16.87	266	72	0.00	ng/ul	94
14) Phenanthrene	17.24	178	10258	0.01	ng/ul	95
15) Anthracene	17.33	178	2361	0.00	ng/ul#	90
17) Fluoranthene	19.27	202	28899	0.02	ng/ul	92
19) Pyrene	19.63	202	26398	1.28	ng/ul#	93
20) Benzo(a)anthracene	21.37	228	11866	0.64	ng/ul#	90
21) Chrysene	21.37	228	11819	0.66	ng/ul	94
24) Benzo(k)fluoranthene	23.00	252	21887	0.02	ng/ul#	95
25) Benzo(a)pyrene	23.49	252	7748	0.01	ng/ul#	90
26) Indeno(1,2,3-cd)pyrene	25.83	276	116	0.00	ng/ul#	53
27) Dibenzo(a,h)anthracene	25.91	278	350	0.00	ng/ul#	1

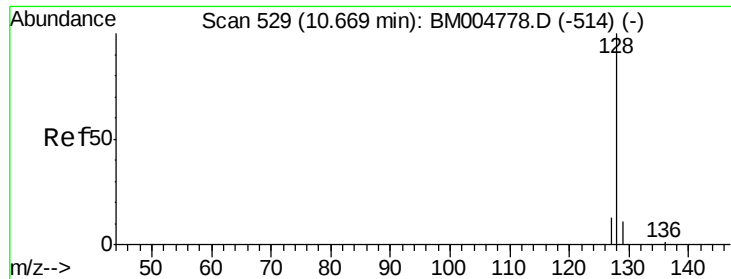
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T37

Quant Time: Mar 26 02:44:28 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: 0.12 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

Instrument :

BNA_M

ClientSampleId :

A4T37

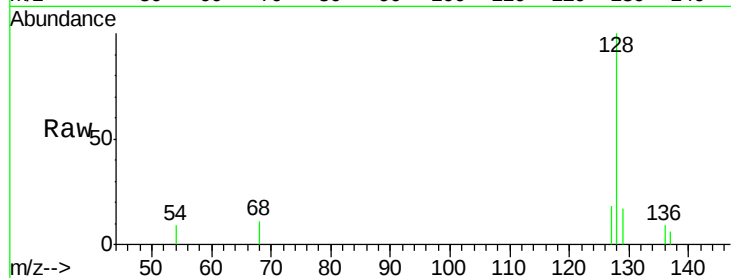
Tgt Ion:128 Resp: 1489

Ion Ratio Lower Upper

128 100

129 16.9 9.0 13.6#

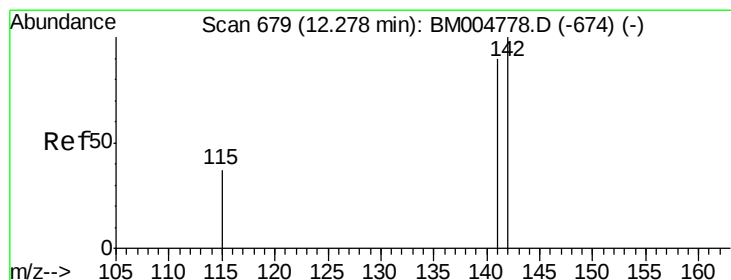
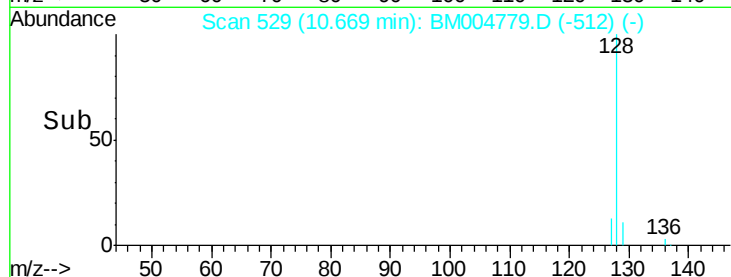
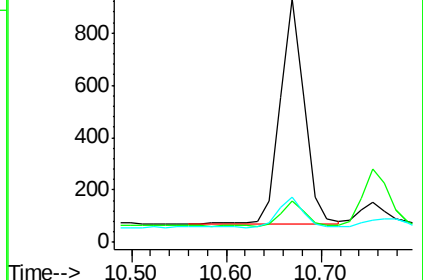
127 18.4 9.6 14.4#



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: 0.03 ng/ul

RT: 12.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BM004779.D

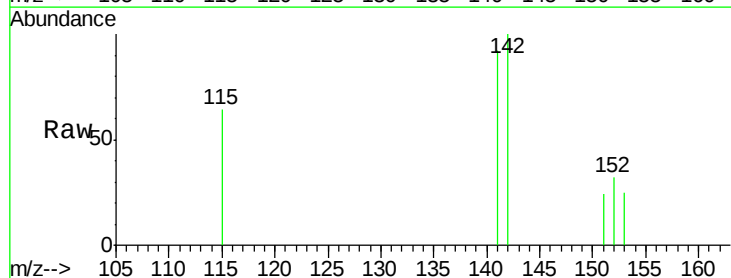
Acq: 25 Mar 2016 16:03

Tgt Ion:142 Resp: 285

Ion Ratio Lower Upper

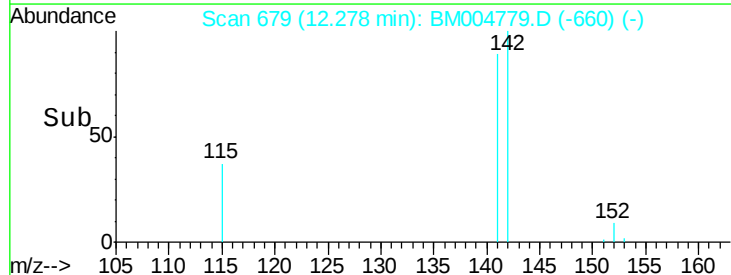
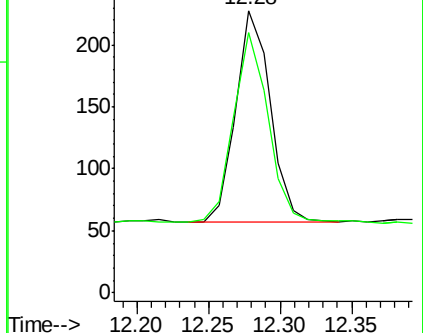
142 100

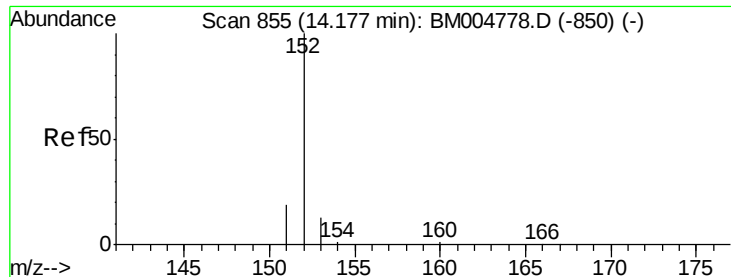
141 92.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.09 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

Instrument :

BNA_M

ClientSampleId :

A4T37

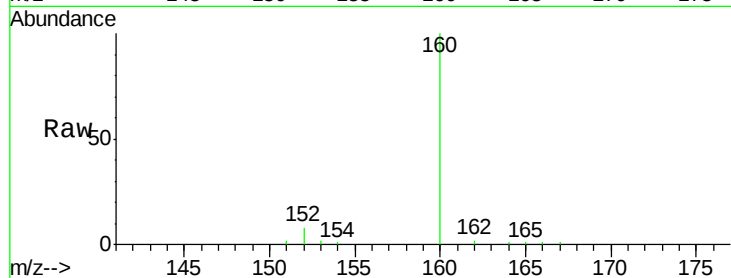
Tgt Ion:152 Resp: 1276

Ion Ratio Lower Upper

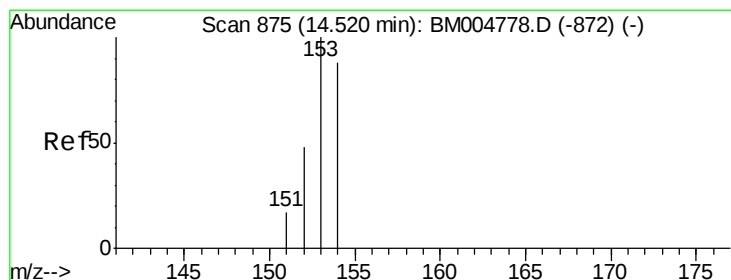
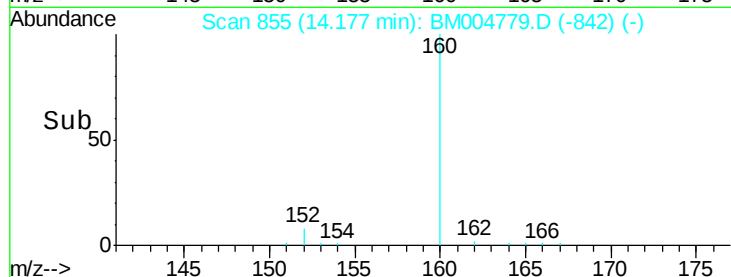
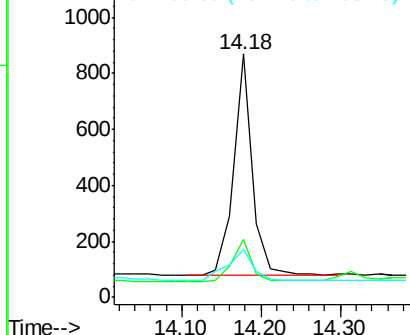
152 100

151 23.9 17.6 26.4

153 19.7 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



#10

Acenaphthene

Concen: 0.03 ng/ul

RT: 14.52 min Scan# 875

Delta R.T. -0.00 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

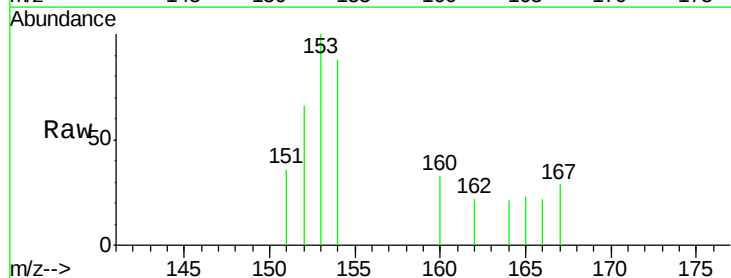
Tgt Ion:153 Resp: 324

Ion Ratio Lower Upper

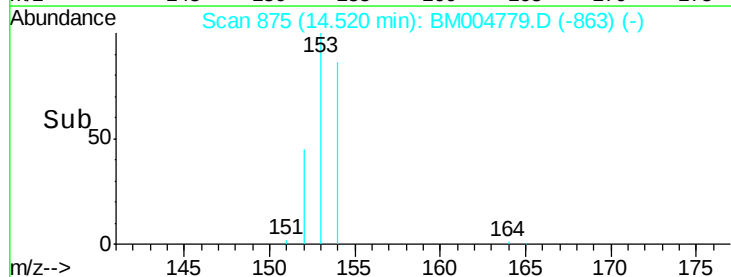
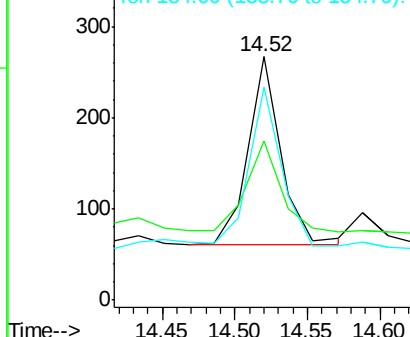
153 100

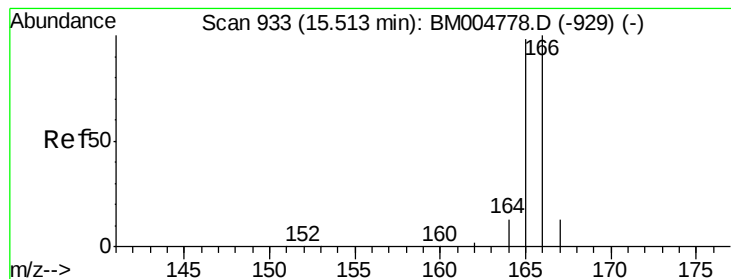
152 65.5 33.9 50.9#

154 87.6 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: 0.05 ng/ul

RT: 15.51 min Scan# 933

Delta R.T. -0.00 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

Instrument :

BNA_M

ClientSampleId :

A4T37

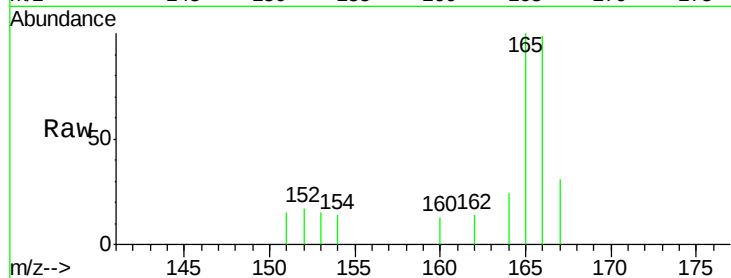
Tgt Ion:166 Resp: 568

Ion Ratio Lower Upper

166 100

165 100.9 69.6 104.4

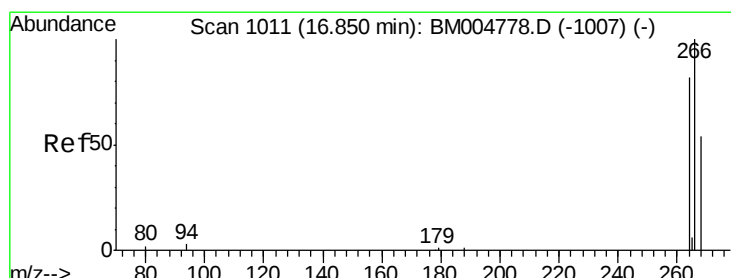
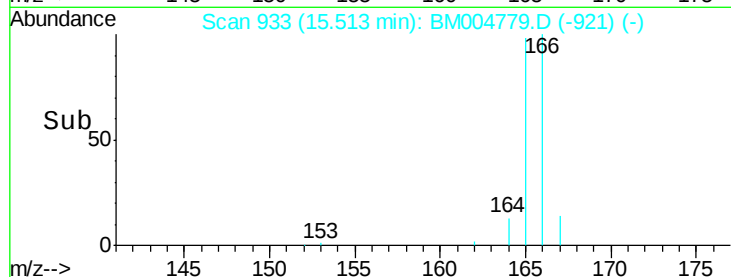
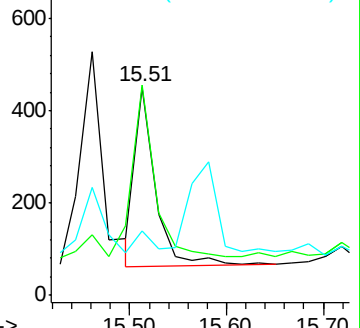
167 30.9 11.9 17.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.87 min Scan# 1012

Delta R.T. 0.02 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

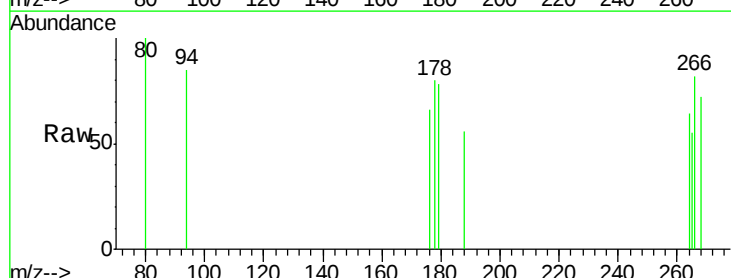
Tgt Ion:266 Resp: 72

Ion Ratio Lower Upper

266 100

264 59.7 51.8 77.8

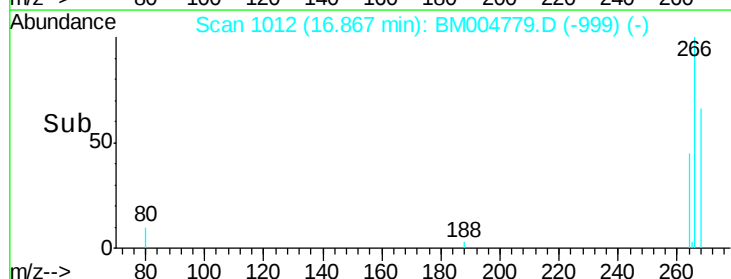
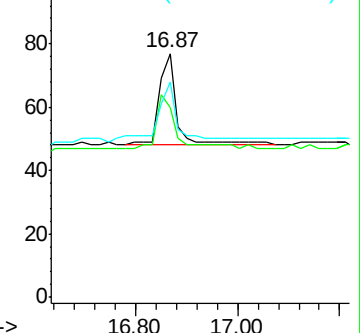
268 54.2 46.8 70.2

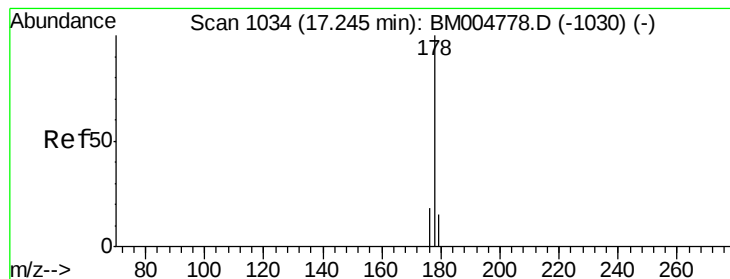


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.24 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

Instrument :

BNA_M

ClientSampleId :

A4T37

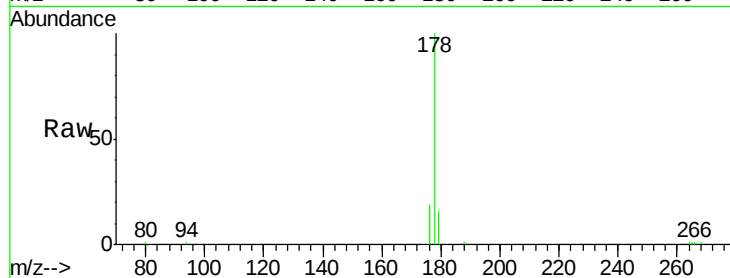
Tgt Ion:178 Resp: 10258

Ion Ratio Lower Upper

178 100

176 19.0 13.0 19.4

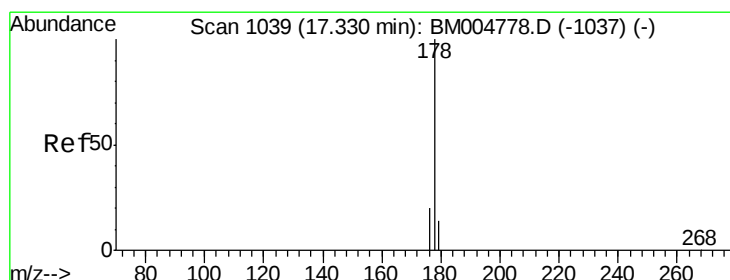
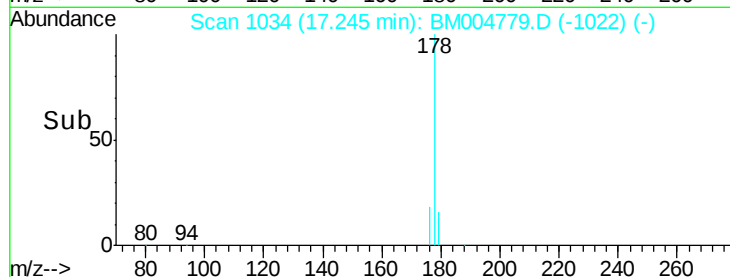
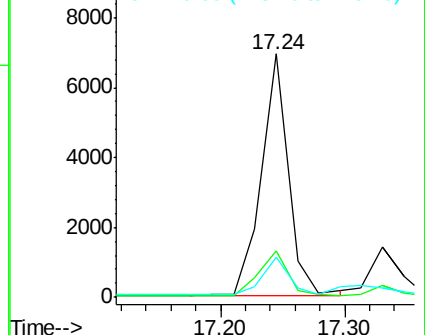
179 16.5 14.2 21.2



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



#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

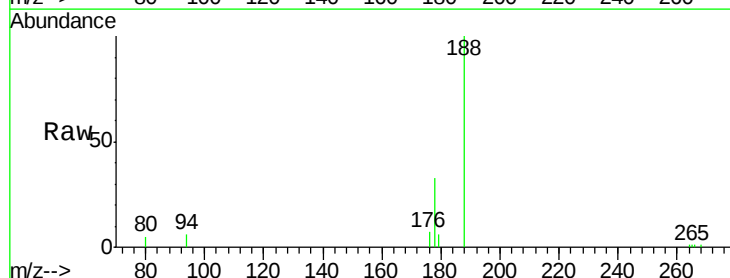
Tgt Ion:178 Resp: 2361

Ion Ratio Lower Upper

178 100

176 22.7 14.0 21.0#

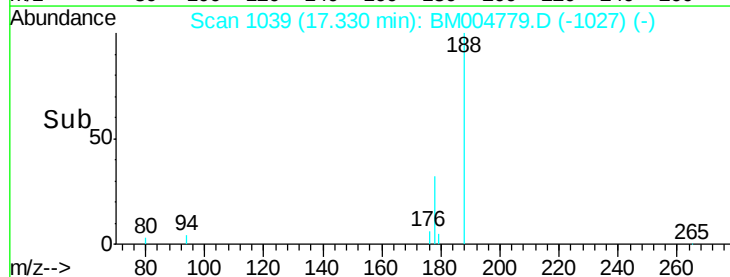
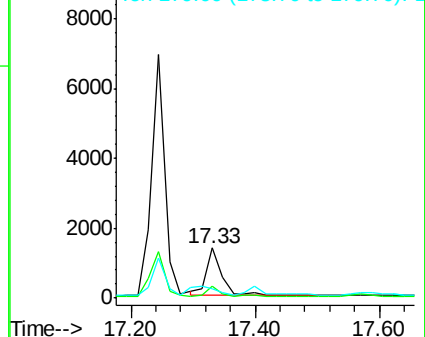
179 19.3 12.9 19.3

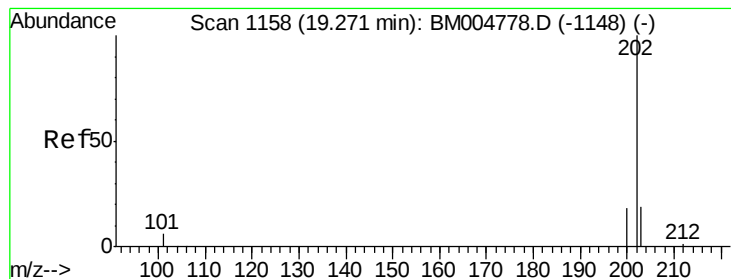


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 0.02 ng/ul

RT: 19.27 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

Instrument :

BNA_M

ClientSampleId :

A4T37

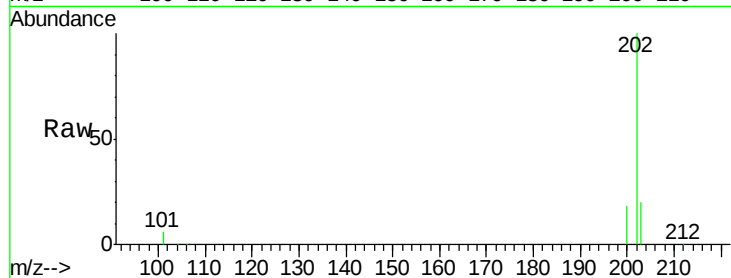
Tgt Ion:202 Resp: 28899

Ion Ratio Lower Upper

202 100

101 6.2 0.0 29.6

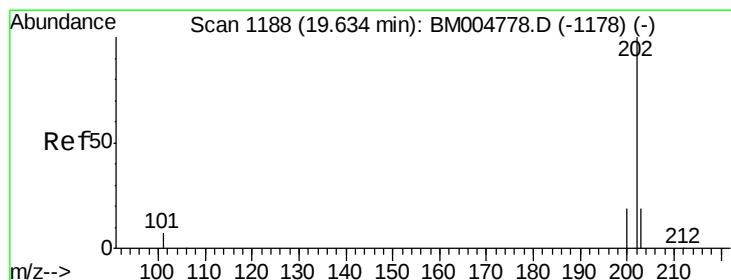
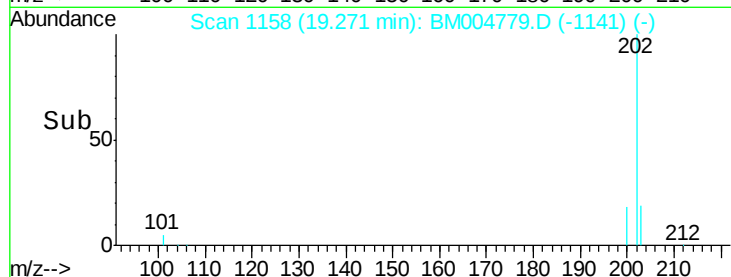
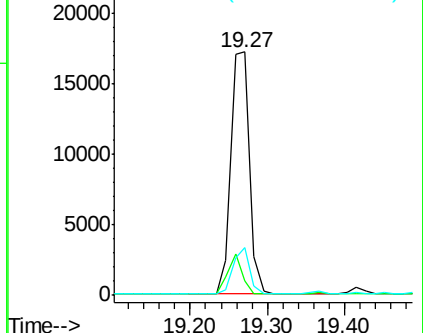
203 19.6 0.0 36.3



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



#19

Pyrene

Concen: 1.28 ng/ul

RT: 19.63 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

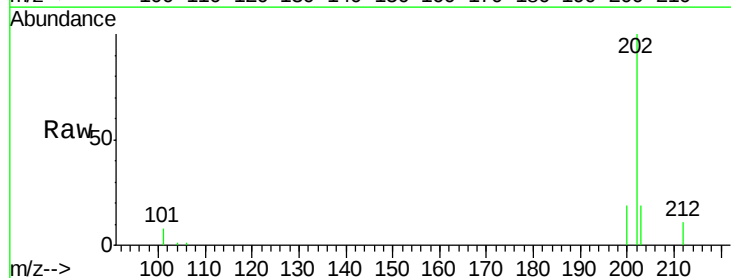
Tgt Ion:202 Resp: 26398

Ion Ratio Lower Upper

202 100

200 19.1 17.8 26.8

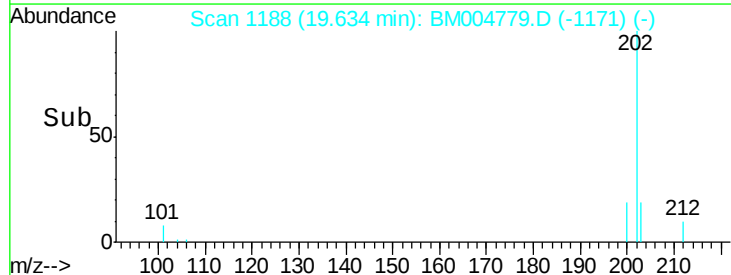
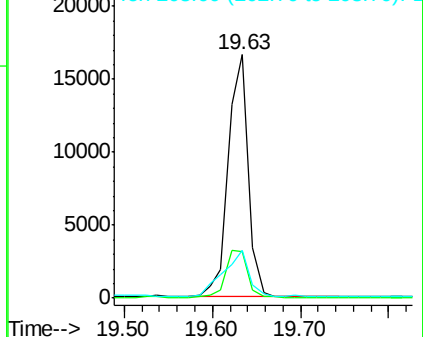
203 19.4 12.8 19.2#

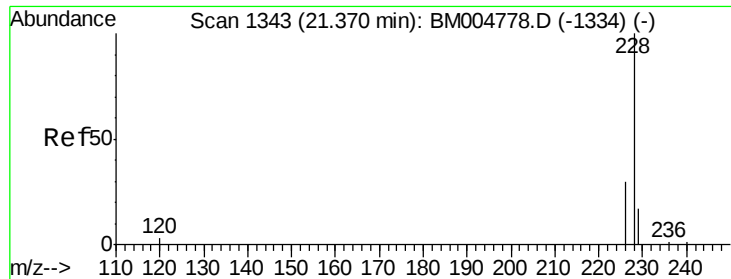


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.64 ng/ul

RT: 21.37 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

Instrument :

BNA_M

ClientSampleId :

A4T37

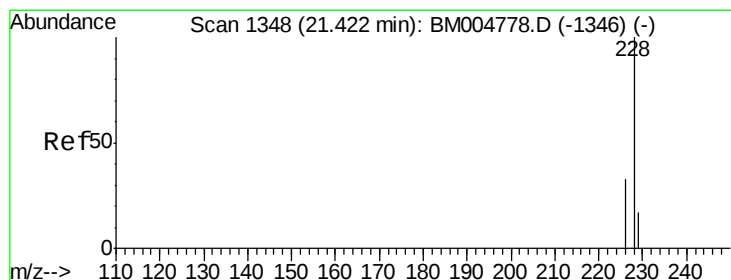
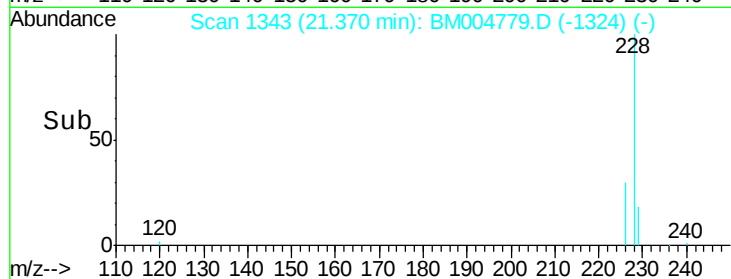
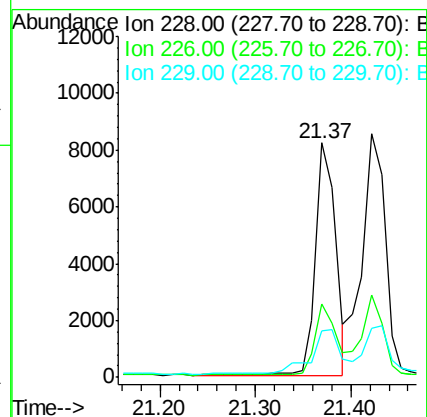
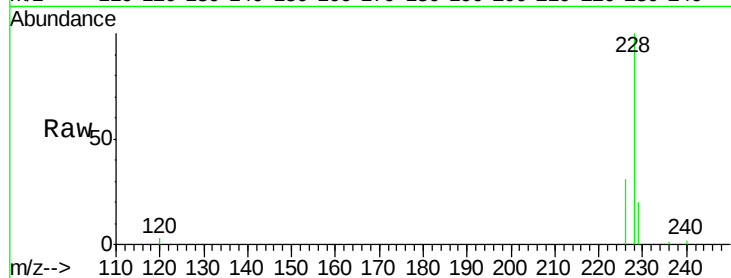
Tgt Ion:228 Resp: 11866

Ion Ratio Lower Upper

228 100

226 31.2 18.8 28.2#

229 19.8 17.1 25.7



#21

Chrysene

Concen: 0.66 ng/ul

RT: 21.37 min Scan# 1343

Delta R.T. -0.05 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

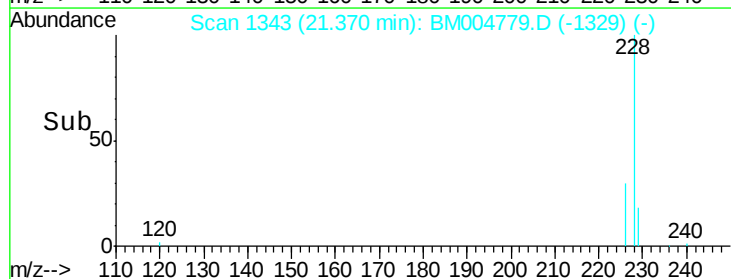
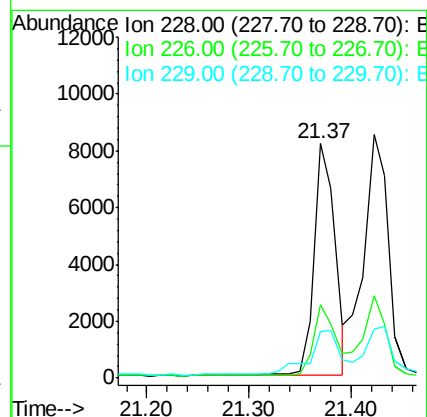
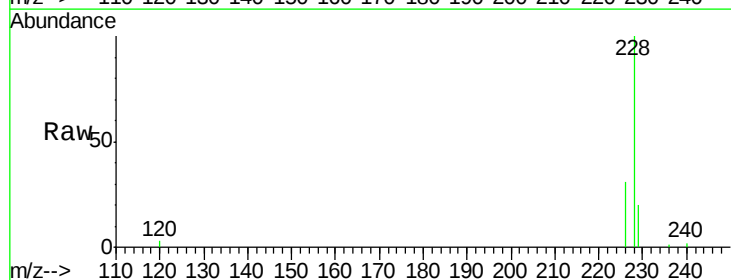
Tgt Ion:228 Resp: 11819

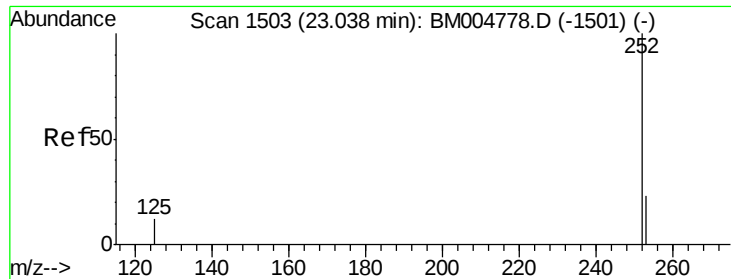
Ion Ratio Lower Upper

228 100

226 31.2 21.2 31.8

229 19.8 17.0 25.6





#24

Benzo(k)fluoranthene

Concen: 0.02 ng/u1

RT: 23.00 min Scan# 1499

Delta R.T. -0.04 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

Instrument :

BNA_M

ClientSampleId :

A4T37

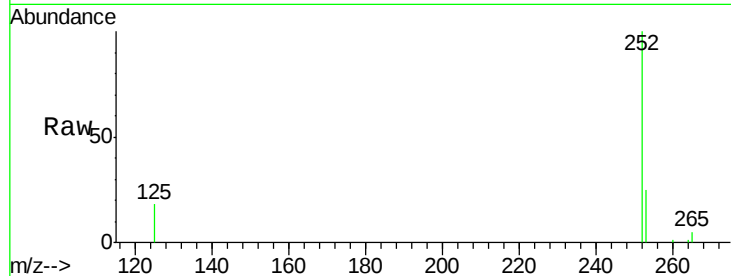
Tgt Ion:252 Resp: 21887

Ion Ratio Lower Upper

252 100

253 24.8 19.8 29.8

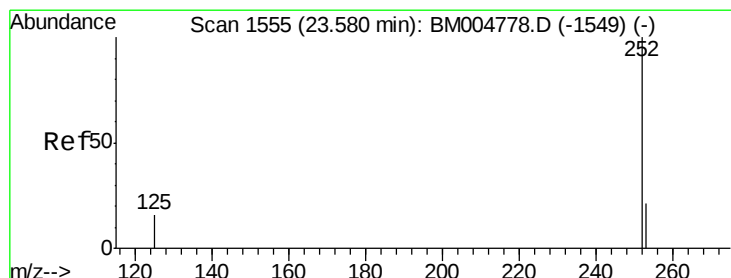
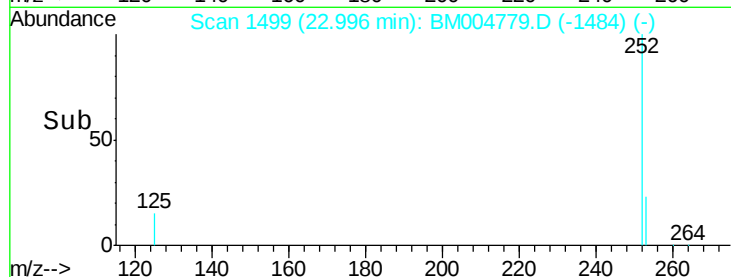
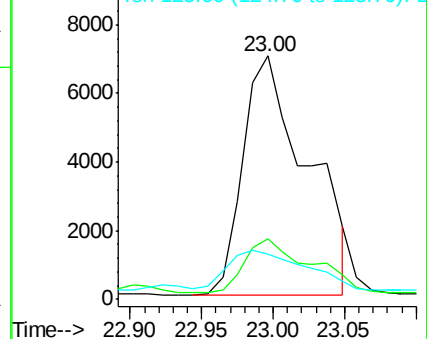
125 18.5 10.4 15.6#



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



#25

Benzo(a)pyrene

Concen: 0.01 ng/u1

RT: 23.49 min Scan# 1546

Delta R.T. -0.09 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

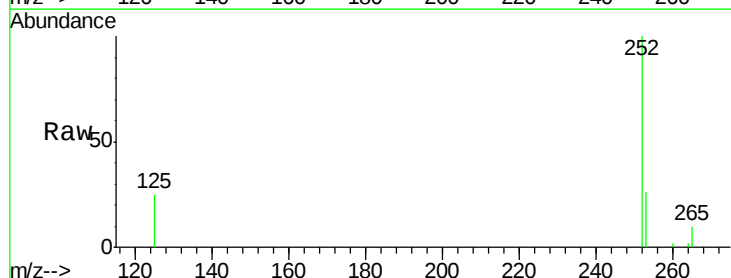
Tgt Ion:252 Resp: 7748

Ion Ratio Lower Upper

252 100

253 25.8 19.4 29.2

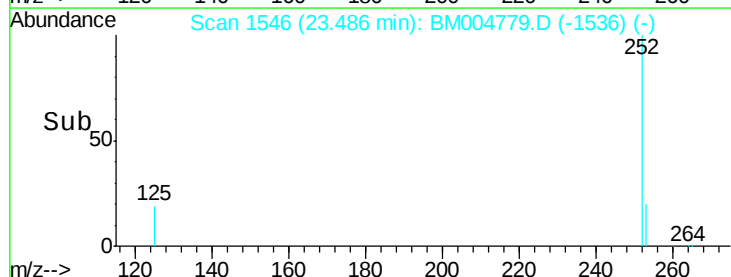
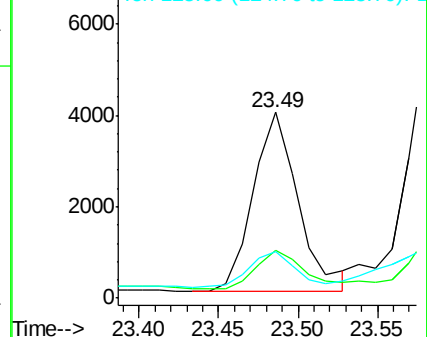
125 25.1 12.7 19.1#

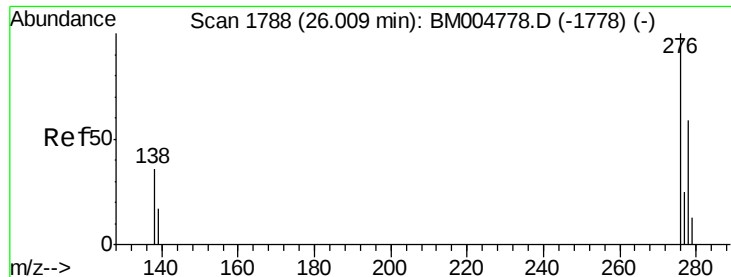


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

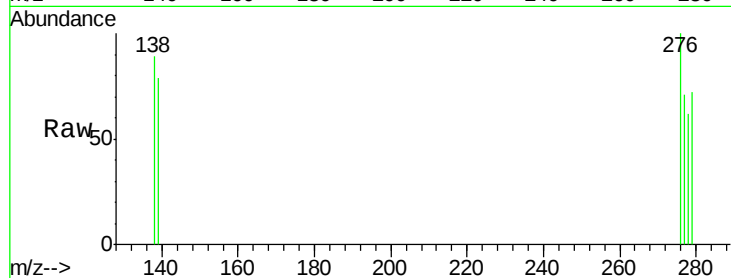




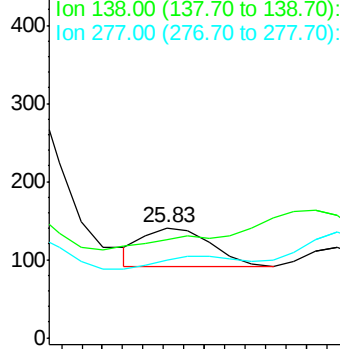
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng/ul
 RT: 25.83 min Scan# 1771
 Delta R.T. -0.18 min
 Lab File: BM004779.D
 Acq: 25 Mar 2016 16:03

Instrument :
 BNA_M
 ClientSampleId :
 A4T37

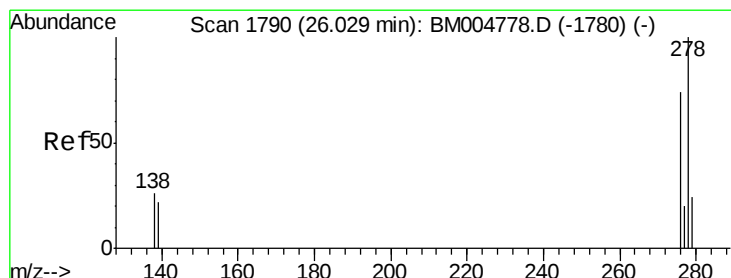
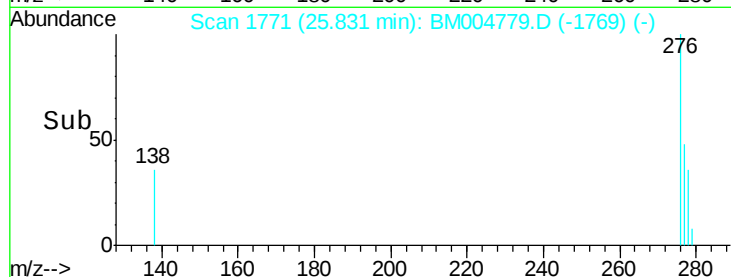
Tgt Ion: 276 Resp: 116
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.3 24.5#
 277 0.0 19.8 29.8#



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

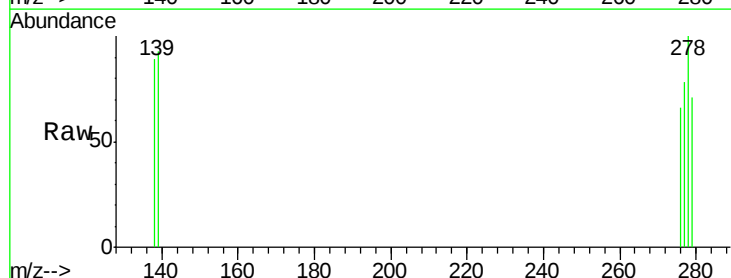


Time-->

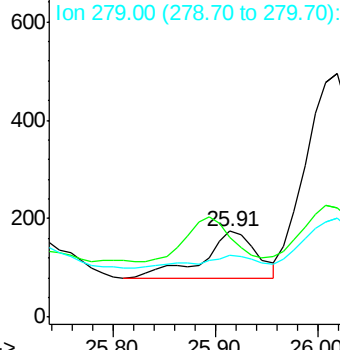


#27
 Dibenzo(a,h)anthracene
 Concen: 0.00 ng/ul
 RT: 25.91 min Scan# 1779
 Delta R.T. -0.11 min
 Lab File: BM004779.D
 Acq: 25 Mar 2016 16:03

Tgt Ion: 278 Resp: 350
 Ion Ratio Lower Upper
 278 100
 139 93.1 16.4 24.6#
 279 71.4 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-->

