

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032216\
 Data File : BM004736.D
 Acq On : 22 Mar 2016 20:31
 Operator : UM/SJ
 Sample : H1835-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T20

Quant Time: Mar 23 04:13:30 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 23 05:10:55 2016
 Response via : Initial Calibration

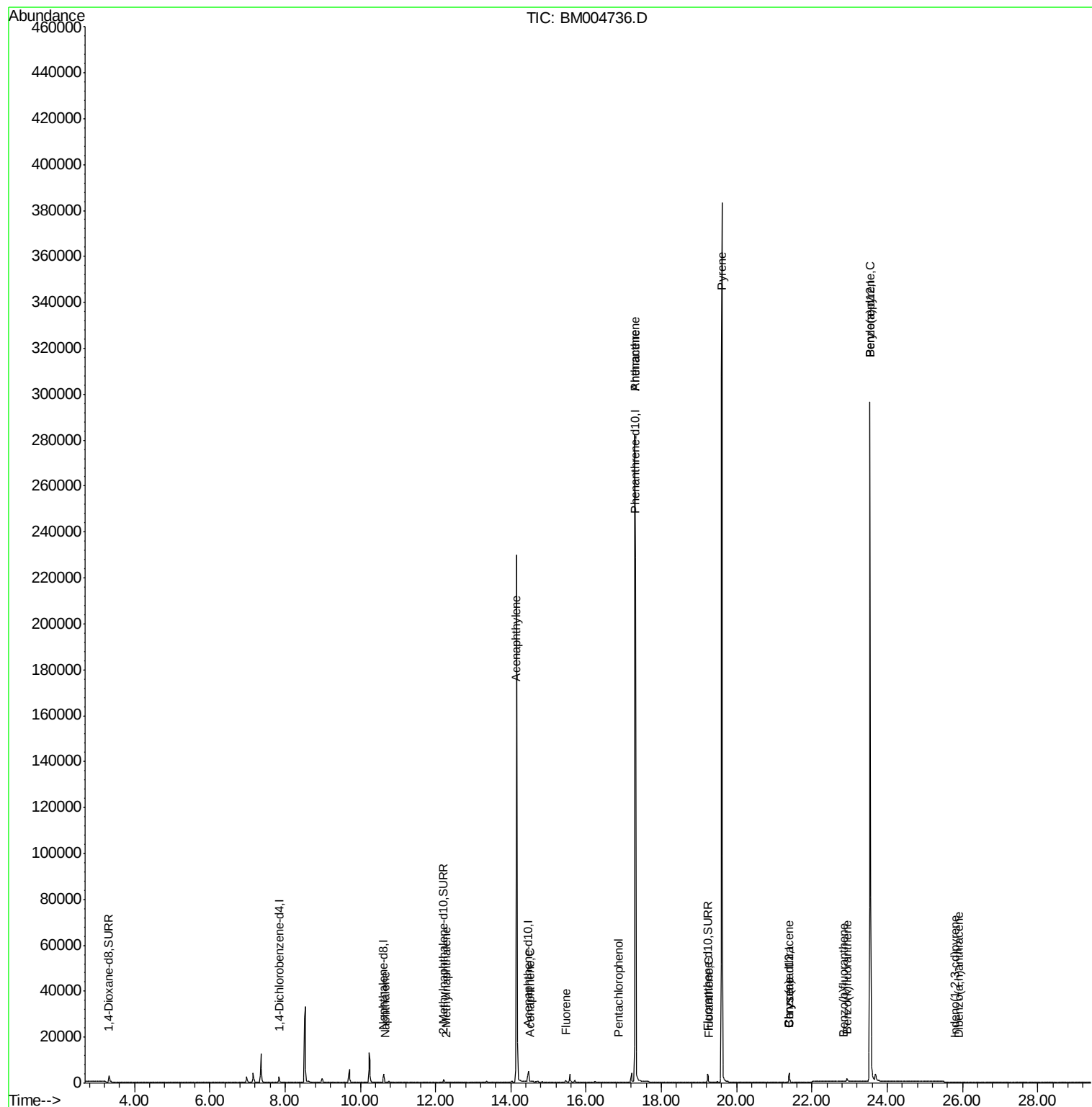
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1308	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5348	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2901	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	439341	5.00	ng/ul	0.10
18) Chrysene-d12	21.40	240	4395	5.00	ng/ul	0.00
22) Perylene-d12	23.55	264	397104	5.00	ng/ul	-0.14
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	1934	3.05	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	2213	0.36	ng/ul	0.00
16) Fluoranthene-d10	19.25	212	4634	0.01	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	122	0.01	ng/ul#	1
7) 2-Methylnaphthalene	12.29	142	33	0.00	ng/ul#	48
9) Acenaphthylene	14.14	152	49	0.00	ng/ul#	1
10) Acenaphthene	14.52	153	32	0.00	ng/ul#	76
11) Fluorene	15.46	166	816	0.08	ng/ul#	23
13) Pentachlorophenol	16.87	266	15	0.00	ng/ul	91
14) Phenanthrene	17.30	178	296	0.00	ng/ul#	1
15) Anthracene	17.30	178	298	0.00	ng/ul#	1
17) Fluoranthene	19.27	202	50	0.00	ng/ul#	1
19) Pyrene	19.61	202	771	0.05	ng/ul#	1
20) Benzo(a)anthracene	21.40	228	67	0.01	ng/ul#	1
21) Chrysene	21.40	228	68	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.83	252	5	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.93	252	18	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.55	252	1558	0.00	ng/ul#	60
26) Indeno(1,2,3-cd)pyrene	25.81	276	4	0.00	ng/ul#	53
27) Dibenzo(a,h)anthracene	25.90	278	2	0.00	ng/ul#	1

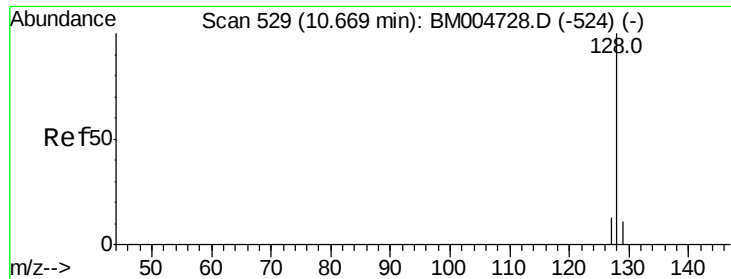
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.01 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004736.D

Acq: 22 Mar 2016 20:31

Instrument :

BNA_M

ClientSampleId :

A4T20

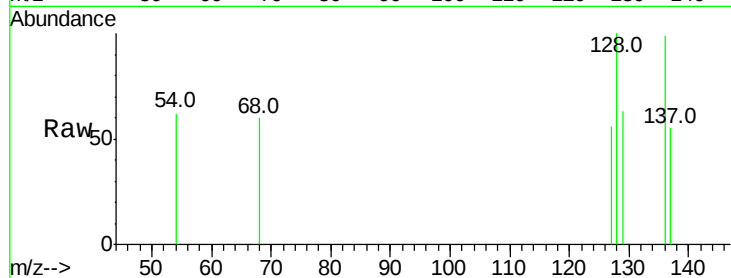
Tot Ion:128 Resp: 122

Ion Ratio Lower Upper

128 100

129 62.9 9.0 13.6#

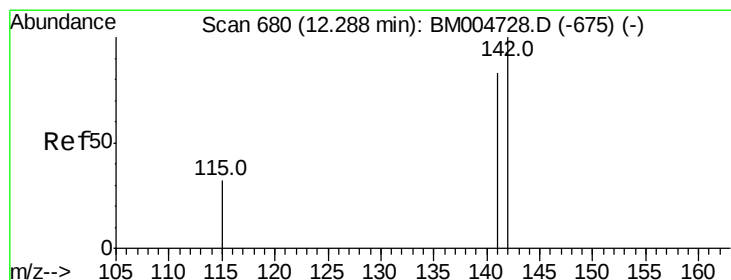
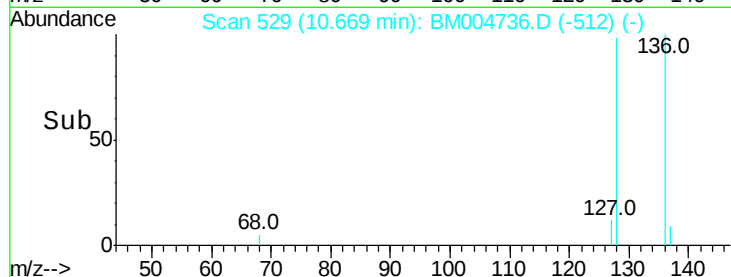
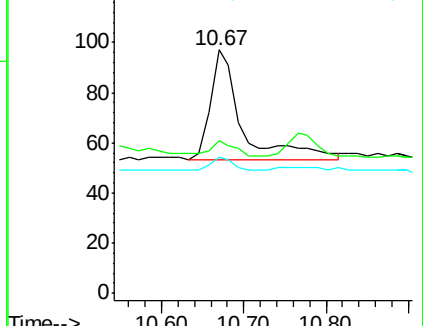
127 55.7 9.6 14.4#



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



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.29 min Scan# 680

Delta R.T. -0.00 min

Lab File: BM004736.D

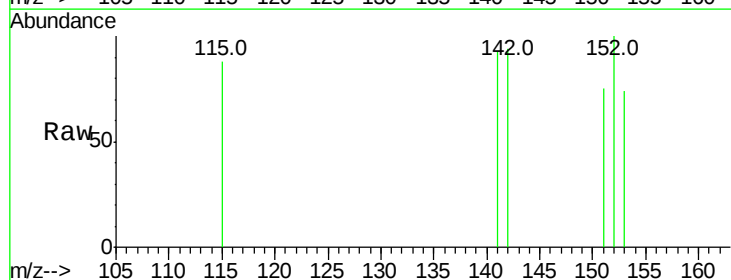
Acq: 22 Mar 2016 20:31

Tgt Ion:142 Resp: 33

Ion Ratio Lower Upper

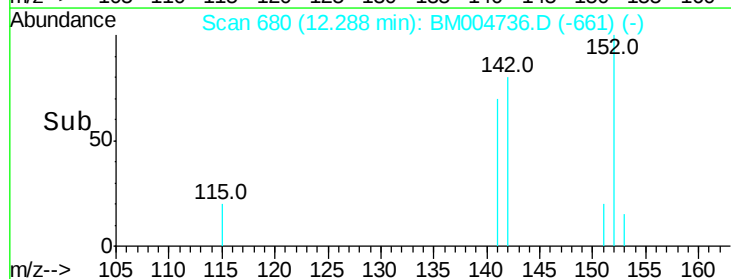
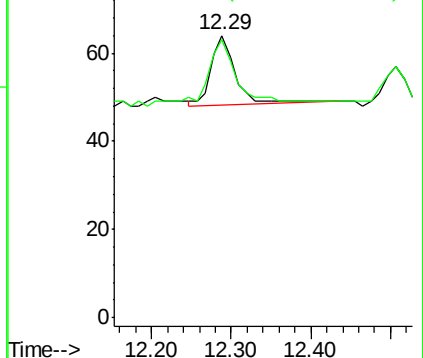
142 100

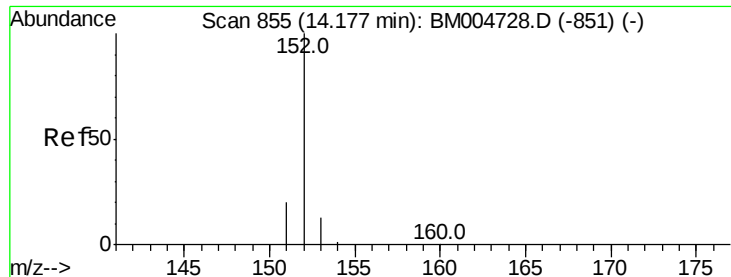
141 136.4 70.3 105.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.14 min Scan# 853

Delta R.T. -0.03 min

Lab File: BM004736.D

Acq: 22 Mar 2016 20:31

Instrument :

BNA_M

ClientSampleId :

A4T20

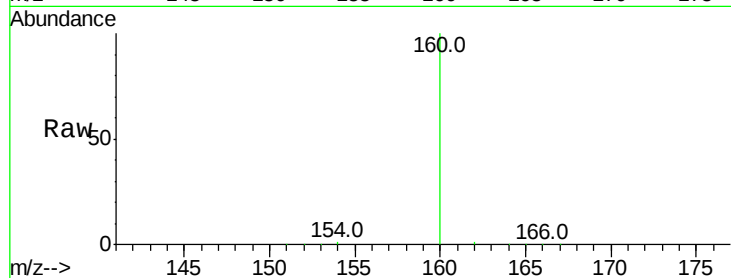
Tot Ion:152 Resp: 49

Ion Ratio Lower Upper

152 100

151 82.3 17.6 26.4#

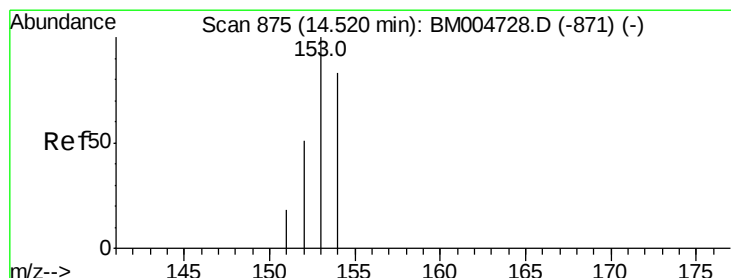
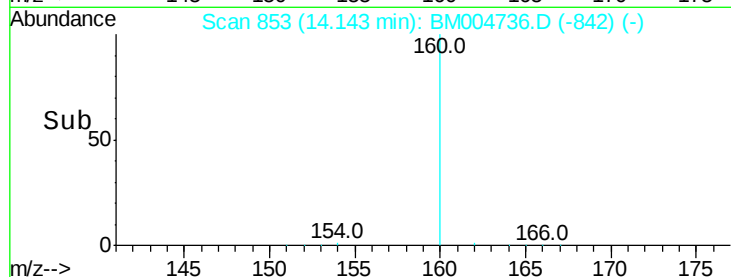
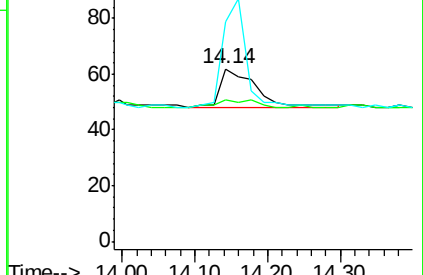
153 127.4 9.7 14.5#



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: 0.00 ng/ul

RT: 14.52 min Scan# 875

Delta R.T. -0.00 min

Lab File: BM004736.D

Acq: 22 Mar 2016 20:31

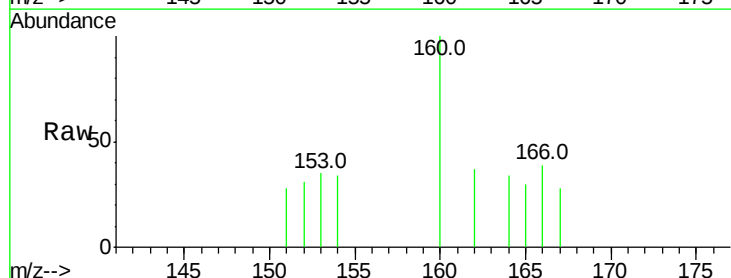
Tgt Ion:153 Resp: 32

Ion Ratio Lower Upper

153 100

152 88.9 33.9 50.9#

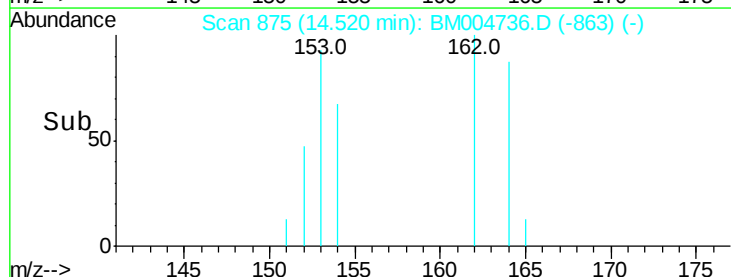
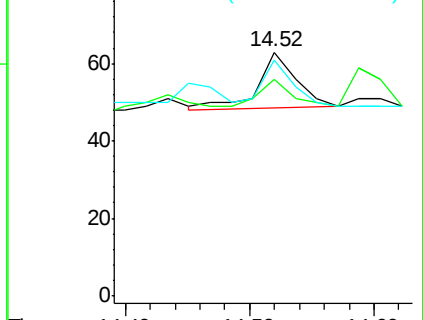
154 96.8 80.6 121.0

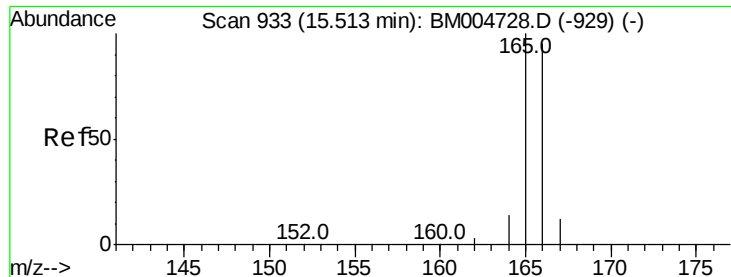


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

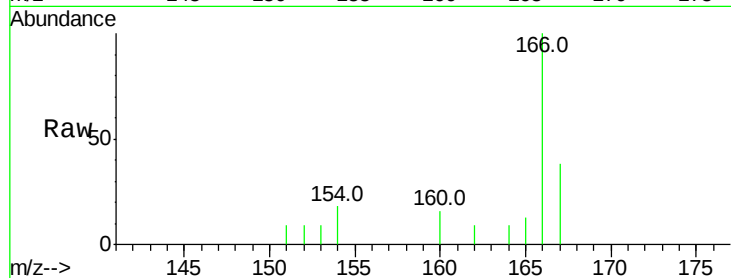




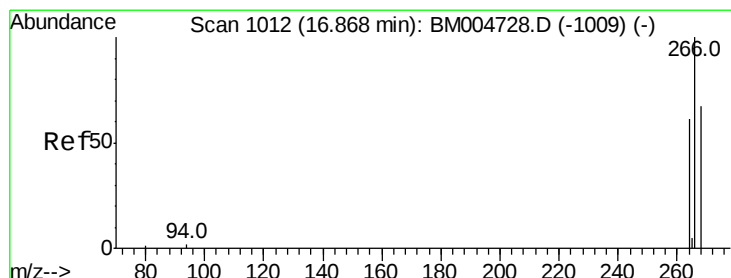
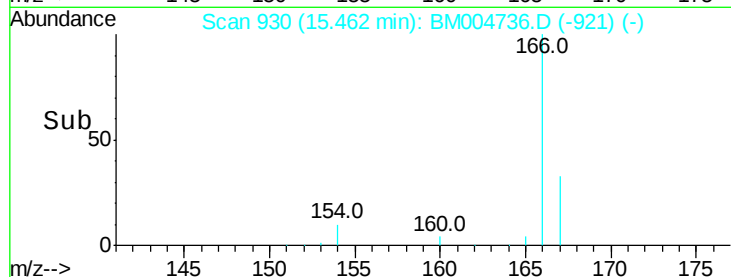
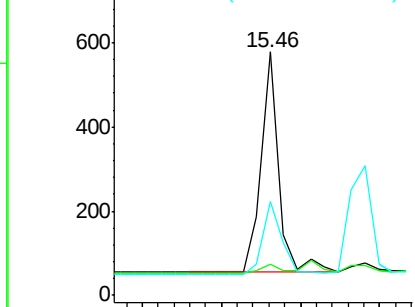
#11
Fluorene
 Concen: 0.08 ng/ul
 RT: 15.46 min Scan# 930
 Delta R.T. -0.05 min
 Lab File: BM004736.D
 Acq: 22 Mar 2016 20:31

Instrument :
 BNA_M
 ClientSampleId :
 A4T20

Tot Ion:166 Resp: 816
 Ion Ratio Lower Upper
 166 100
 165 12.8 69.6 104.4#
 167 38.4 11.9 17.9#

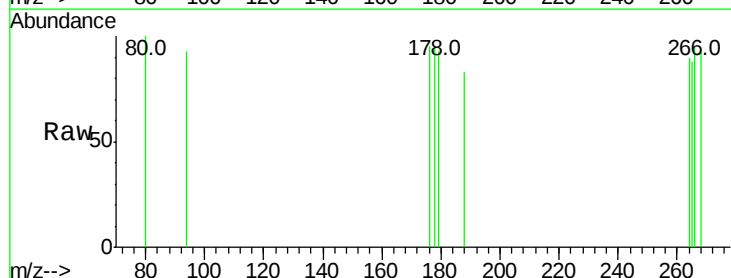


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

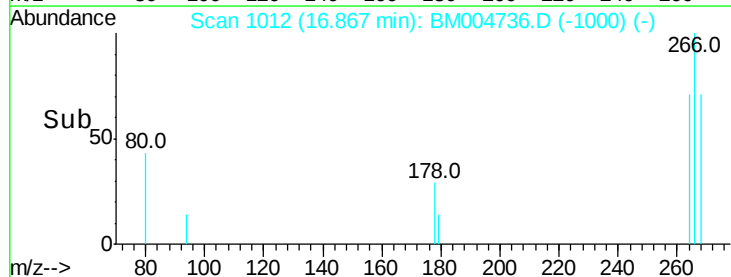
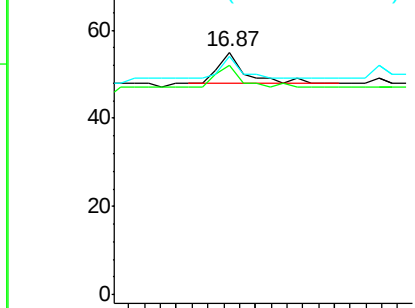


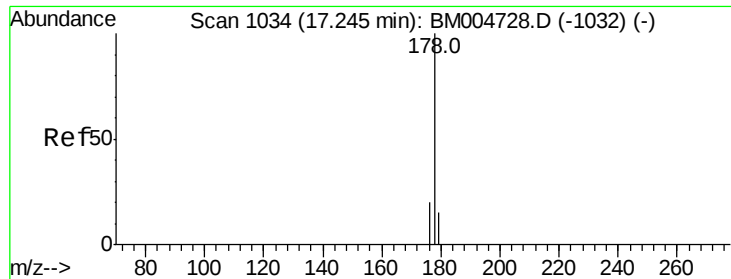
#13
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.87 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BM004736.D
 Acq: 22 Mar 2016 20:31

Tgt Ion:266 Resp: 15
 Ion Ratio Lower Upper
 266 100
 264 73.3 51.8 77.8
 268 53.3 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: 0.00 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.05 min

Lab File: BM004736.D

Acq: 22 Mar 2016 20:31

Instrument :

BNA_M

ClientSampleId :

A4T20

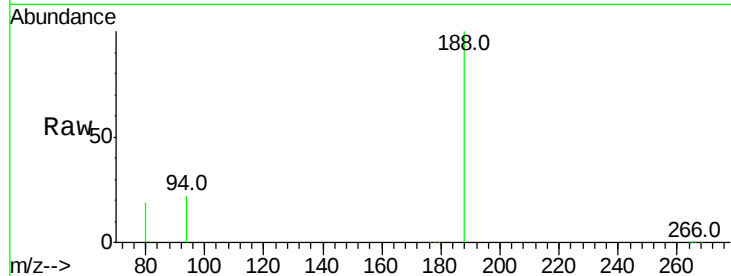
Tot Ion:178 Resp: 296

Ion Ratio Lower Upper

178 100

176 37.0 13.0 19.4#

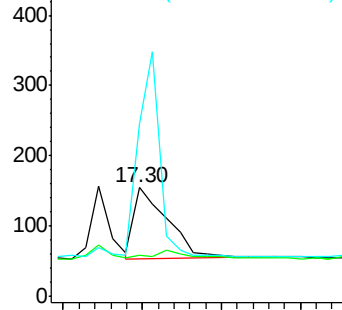
179 159.7 14.2 21.2#



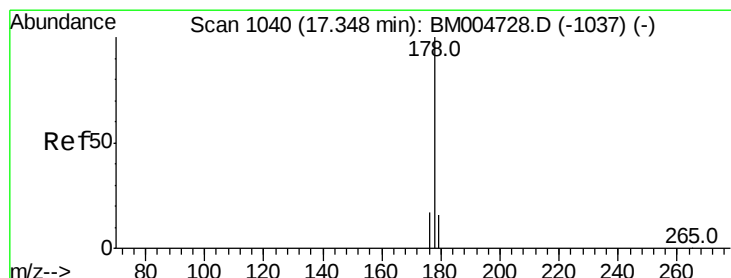
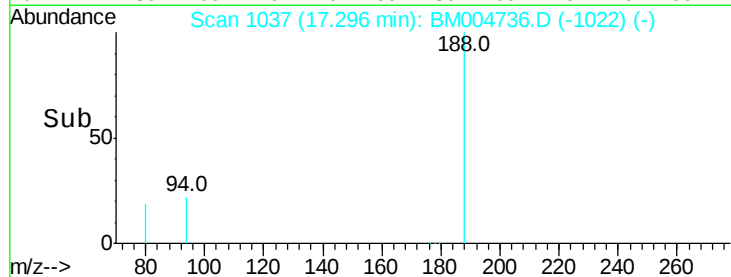
Abundance Ion 178.00 (177.70 to 178.70): E

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: 17.30 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BM004736.D

Acq: 22 Mar 2016 20:31

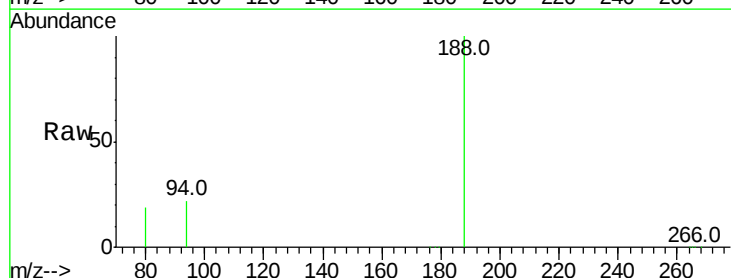
Tgt Ion:178 Resp: 298

Ion Ratio Lower Upper

178 100

176 37.0 14.0 21.0#

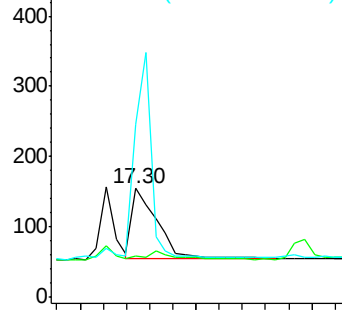
179 159.7 12.9 19.3#



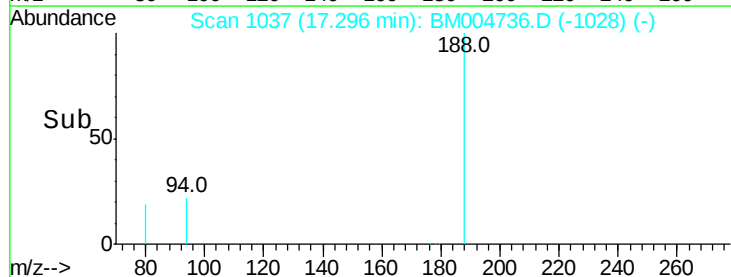
Abundance Ion 178.00 (177.70 to 178.70): E

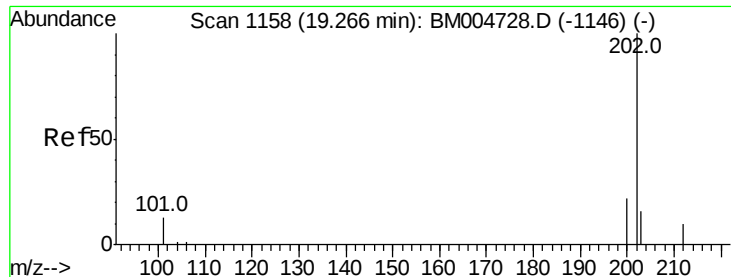
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.27 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BM004736.D

Acq: 22 Mar 2016 20:31

Instrument :

BNA_M

ClientSampleId :

A4T20

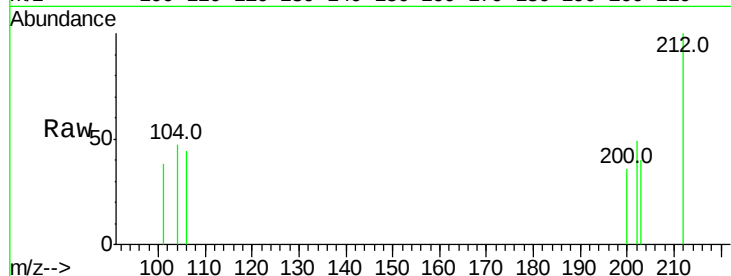
Tot Ion:202 Resp: 50

Ion Ratio Lower Upper

202 100

101 78.3 0.0 29.6#

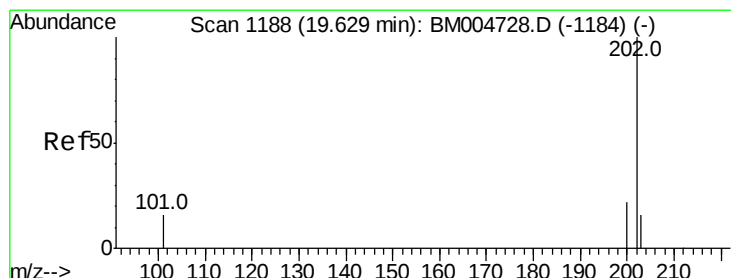
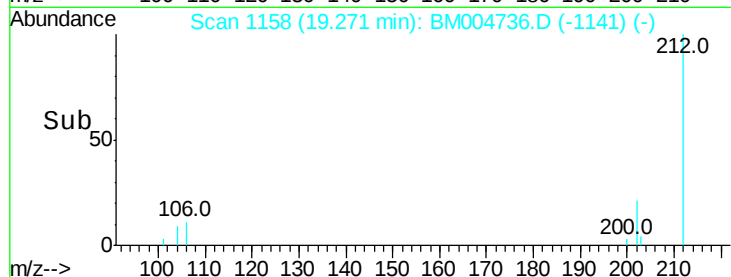
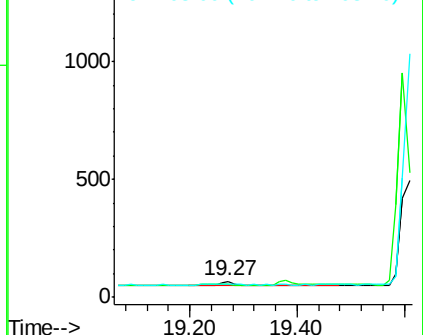
203 82.6 0.0 36.3#



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: 0.05 ng/ul

RT: 19.61 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BM004736.D

Acq: 22 Mar 2016 20:31

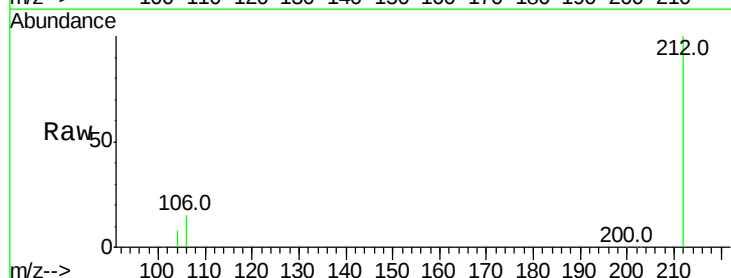
Tgt Ion:202 Resp: 771

Ion Ratio Lower Upper

202 100

200 12.1 17.8 26.8#

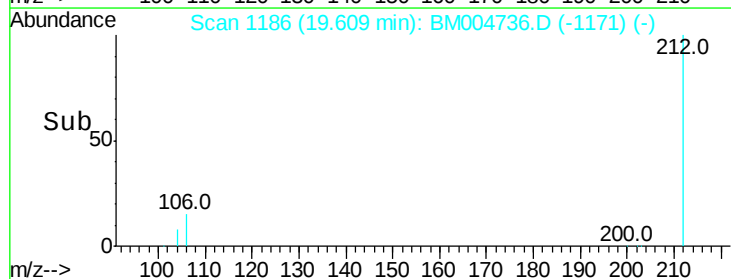
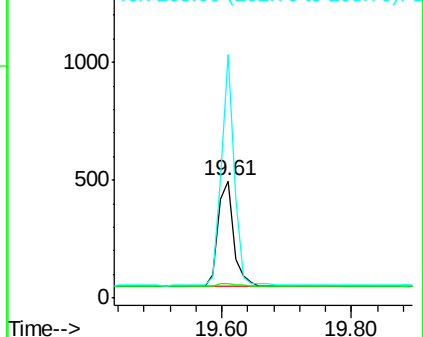
203 208.3 12.8 19.2#

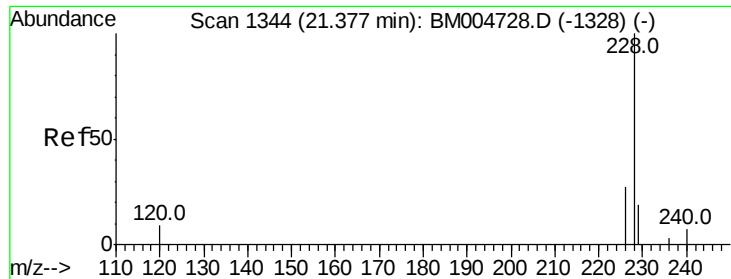


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.40 min Scan# 1346

Delta R.T. 0.02 min

Lab File: BM004736.D

Acq: 22 Mar 2016 20:31

Instrument :

BNA_M

ClientSampleId :

A4T20

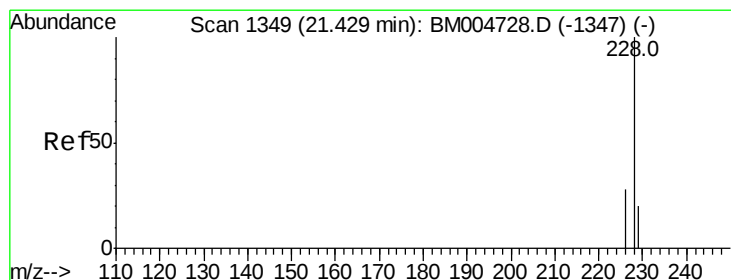
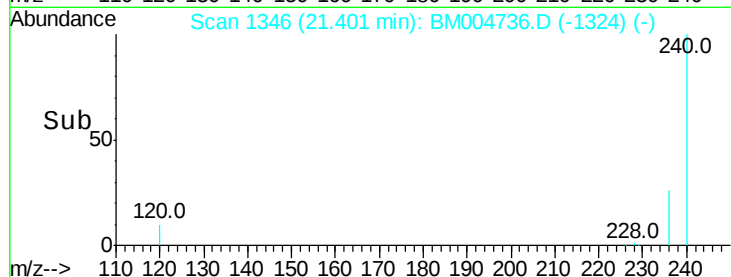
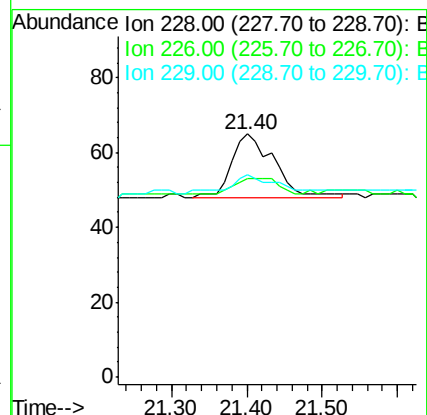
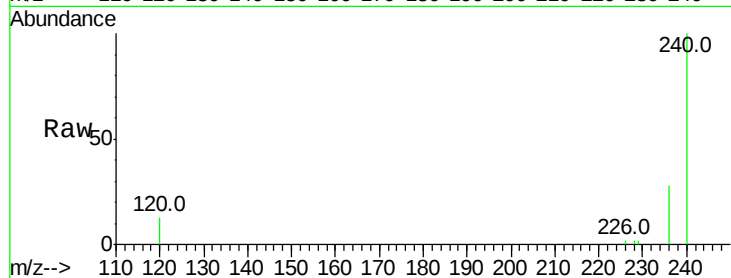
Tot Ion:228 Resp: 67

Ion Ratio Lower Upper

228 100

226 81.5 18.8 28.2#

229 83.1 17.1 25.7#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.40 min Scan# 1346

Delta R.T. -0.03 min

Lab File: BM004736.D

Acq: 22 Mar 2016 20:31

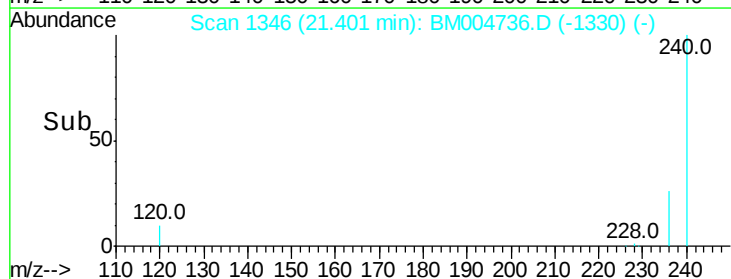
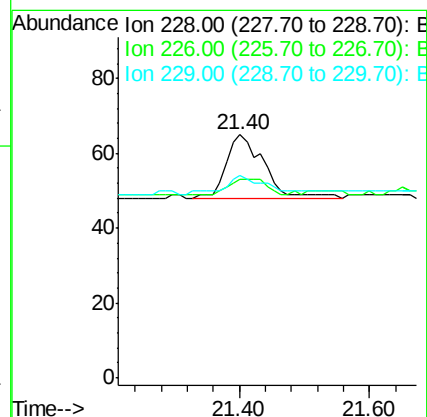
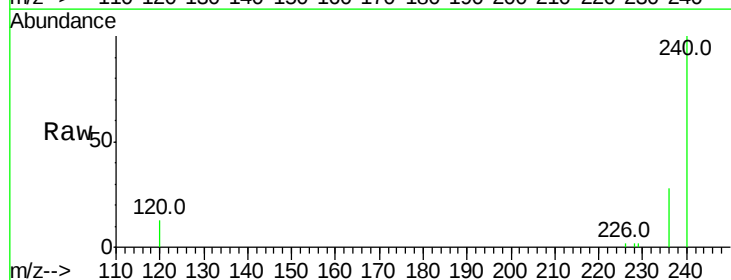
Tgt Ion:228 Resp: 68

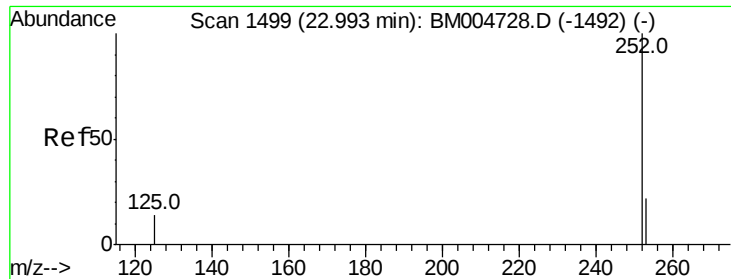
Ion Ratio Lower Upper

228 100

226 81.5 21.2 31.8#

229 83.1 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.83 min Scan# 1483

Delta R.T. -0.16 min

Lab File: BM004736.D

Acq: 22 Mar 2016 20:31

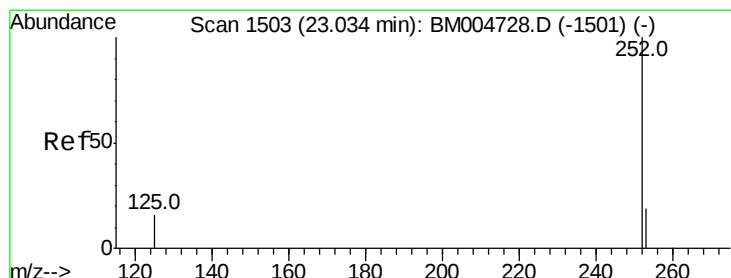
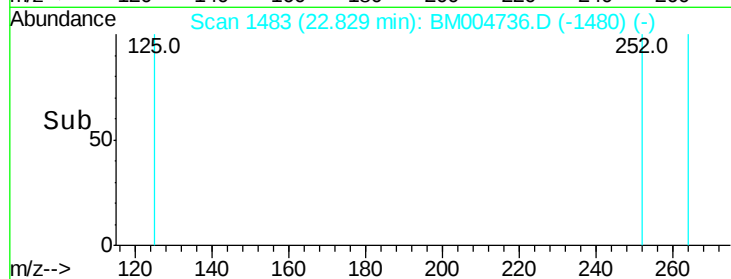
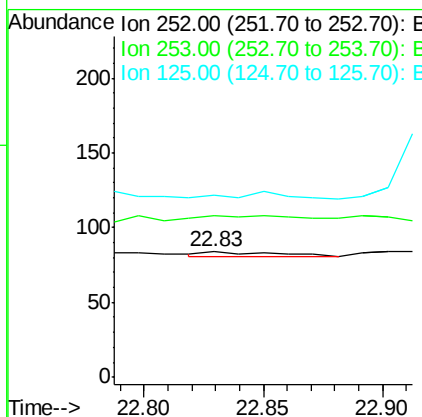
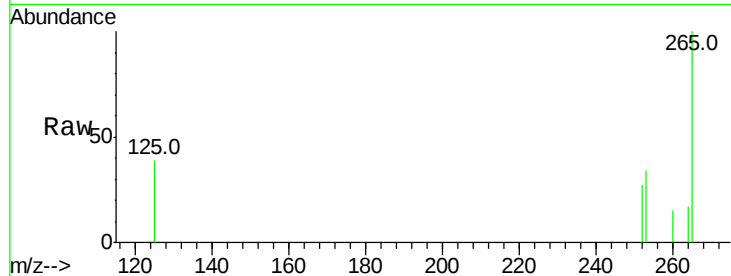
Instrument :

BNA_M

ClientSampleId :

A4T20

Tot Ion:	252	Resp:	5
Ion	Ratio	Lower	Upper
252	100		
253	128.6	0.0	45.4#
125	145.2	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

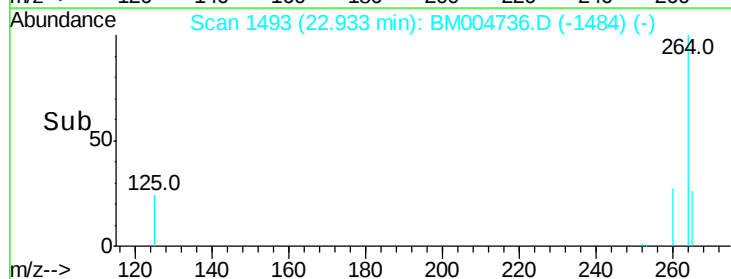
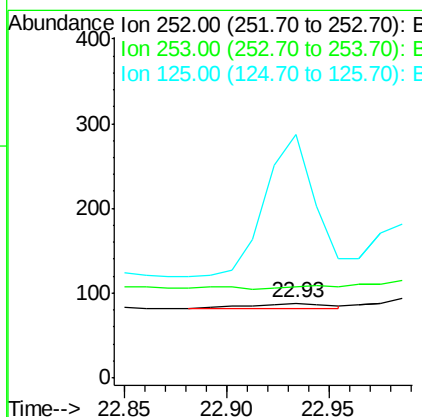
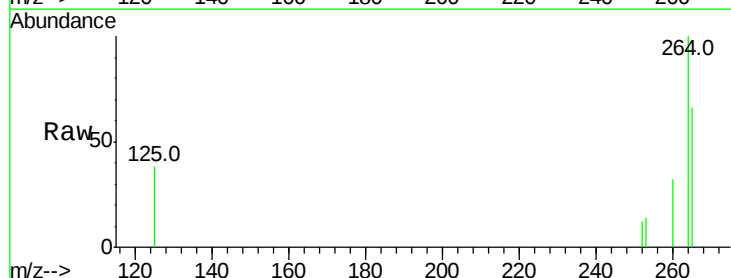
RT: 22.93 min Scan# 1493

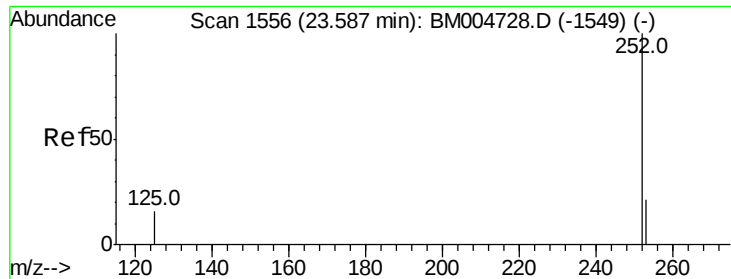
Delta R.T. -0.10 min

Lab File: BM004736.D

Acq: 22 Mar 2016 20:31

Tgt Ion:	252	Resp:	18
Ion	Ratio	Lower	Upper
252	100		
253	122.7	19.8	29.8#
125	326.1	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.55 min Scan# 1552

Delta R.T. -0.04 min

Lab File: BM004736.D

Acq: 22 Mar 2016 20:31

Instrument :

BNA_M

ClientSampleId :

A4T20

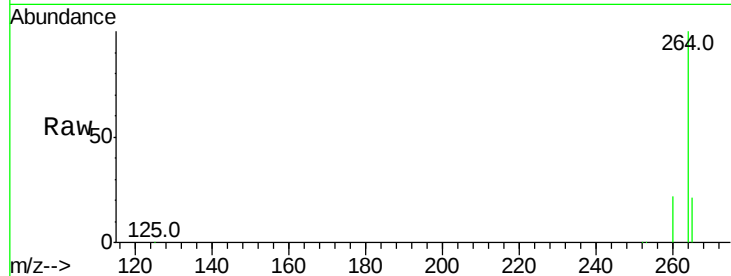
Tot Ion:252 Resp: 1558

Ion Ratio Lower Upper

252 100

253 38.7 19.4 29.2#

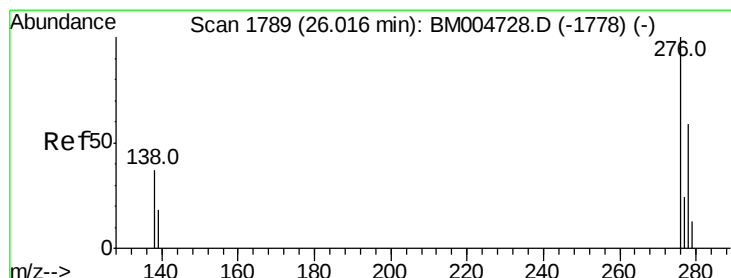
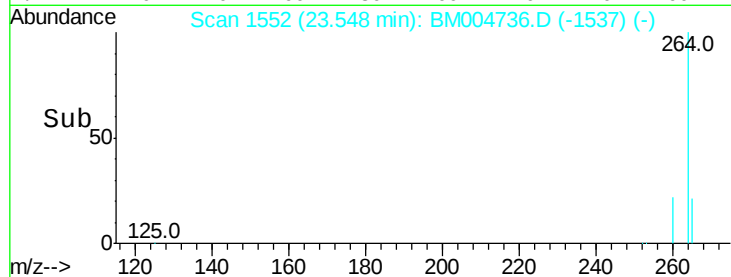
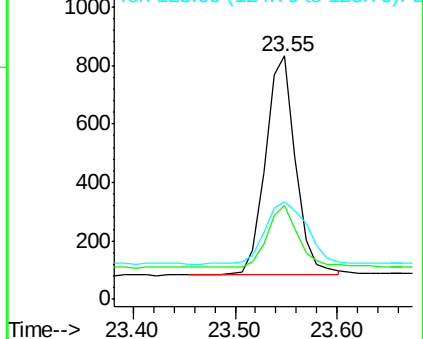
125 40.0 12.7 19.1#



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: 25.81 min Scan# 1769

Delta R.T. -0.21 min

Lab File: BM004736.D

Acq: 22 Mar 2016 20:31

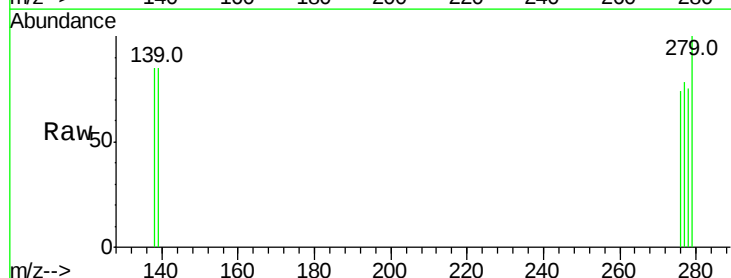
Tgt Ion:276 Resp: 4

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

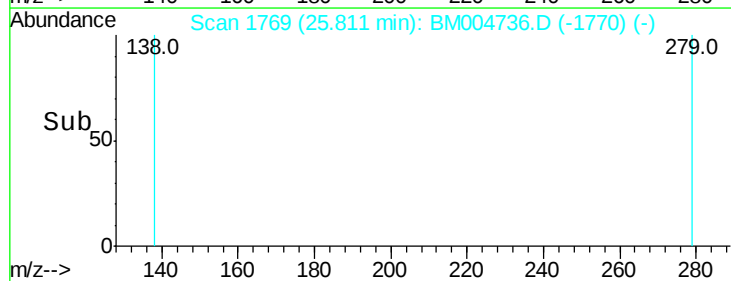
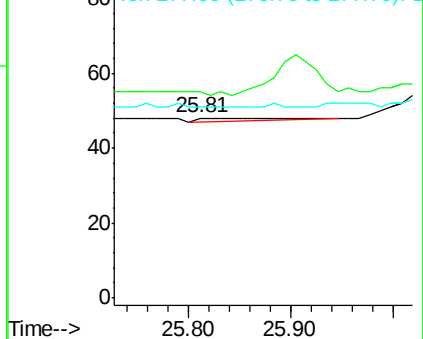
277 0.0 19.8 29.8#

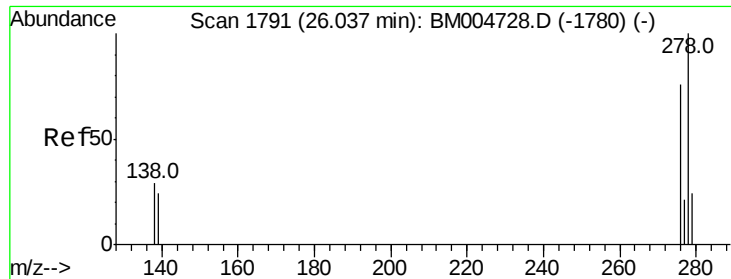


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.90 min Scan# 1778

Delta R.T. -0.13 min

Lab File: BM004736.D

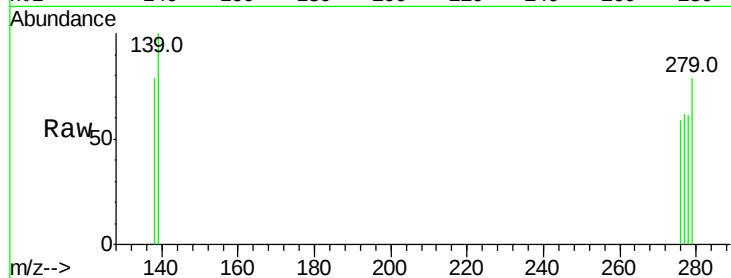
Acq: 22 Mar 2016 20:31

Instrument :

BNA_M

ClientSampleId :

A4T20



Tot Ion: 278 Resp: 2

Ion Ratio Lower Upper

278 100

139 164.0 16.4 24.6#

279 130.0 20.2 30.2#

