

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032216\
 Data File : BM004738.D
 Acq On : 22 Mar 2016 21:44
 Operator : UM/SJ
 Sample : H1835-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T22

Quant Time: Mar 23 04:13:49 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

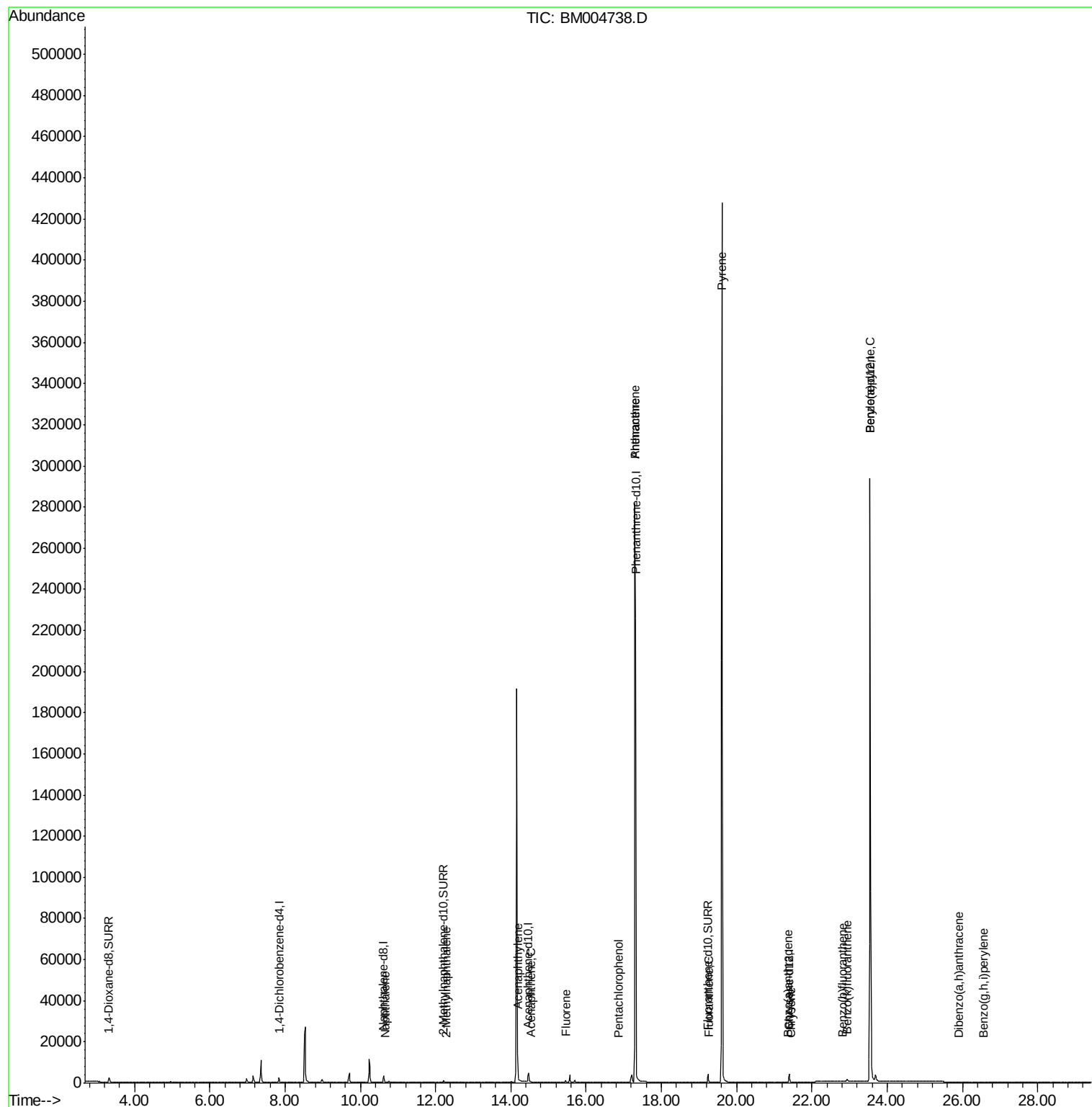
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1235	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5056	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2677	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	437218	5.00	ng/ul	0.10
18) Chrysene-d12	21.40	240	4126	5.00	ng/ul	0.00
22) Perylene-d12	23.55	264	400678	5.00	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	1591	2.66	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	1892	0.33	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	4746	0.01	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	105	0.01	ng/ul#	1
7) 2-Methylnaphthalene	12.29	142	51	0.01	ng/ul	90
9) Acenaphthylene	14.18	152	59	0.01	ng/ul#	1
10) Acenaphthene	14.52	153	27	0.00	ng/ul#	77
11) Fluorene	15.46	166	761	0.08	ng/ul#	23
13) Pentachlorophenol	16.87	266	44	0.00	ng/ul#	81
14) Phenanthrene	17.30	178	332	0.00	ng/ul#	1
15) Anthracene	17.30	178	339	0.00	ng/ul#	1
17) Fluoranthene	19.27	202	89	0.00	ng/ul#	1
19) Pyrene	19.60	202	844	0.06	ng/ul#	1
20) Benzo(a)anthracene	21.38	228	54	0.01	ng/ul#	1
21) Chrysene	21.43	228	48	0.00	ng/ul#	4
23) Benzo(b)fluoranthene	22.82	252	6	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.93	252	14	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.55	252	1589	0.00	ng/ul#	61
27) Dibenzo(a,h)anthracene	25.90	278	2	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.56	276	1	0.00	ng/ul#	1

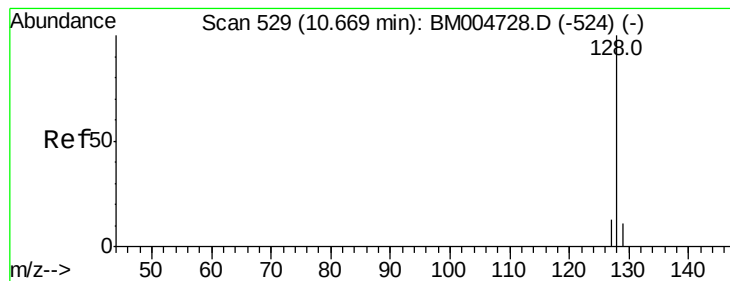
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004738.D

Acq: 22 Mar 2016 21:44

Instrument :

BNA_M

ClientSampleId :

A4T22

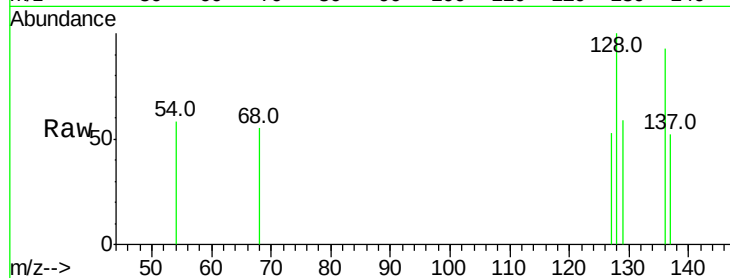
Tot Ion:128 Resp: 105

Ion Ratio Lower Upper

128 100

129 59.4 9.0 13.6#

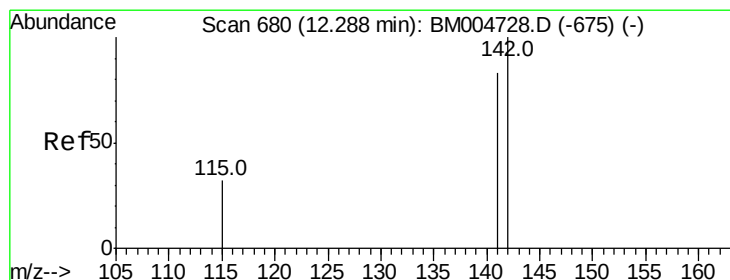
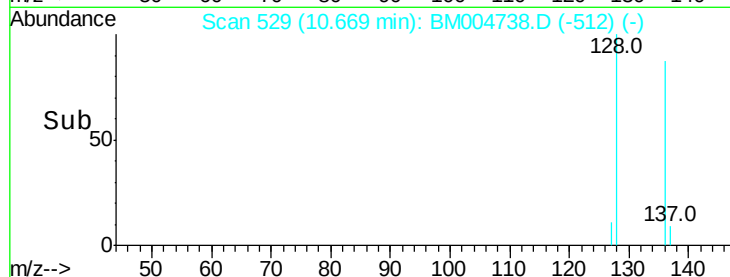
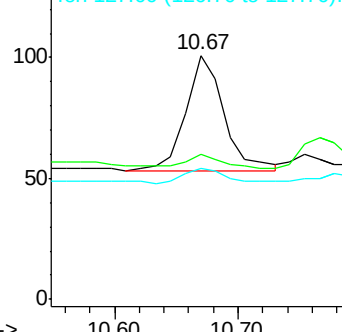
127 53.5 9.6 14.4#



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: 12.29 min Scan# 680

Delta R.T. -0.00 min

Lab File: BM004738.D

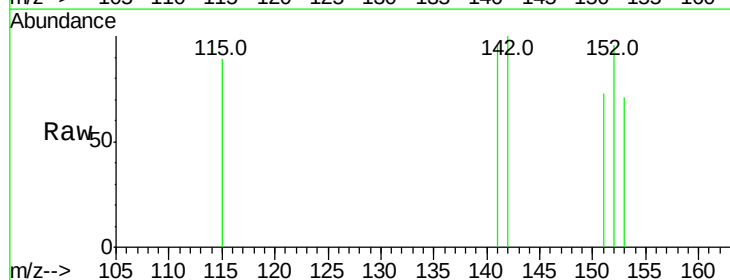
Acq: 22 Mar 2016 21:44

Tgt Ion:142 Resp: 51

Ion Ratio Lower Upper

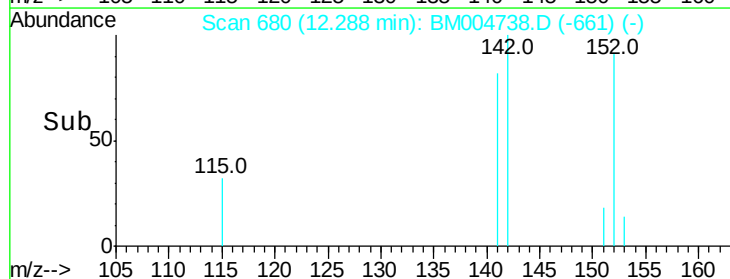
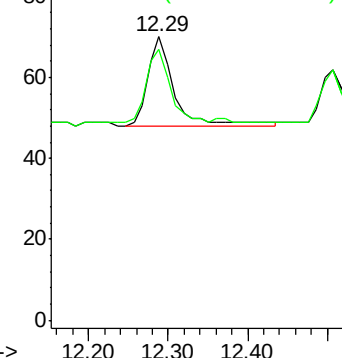
142 100

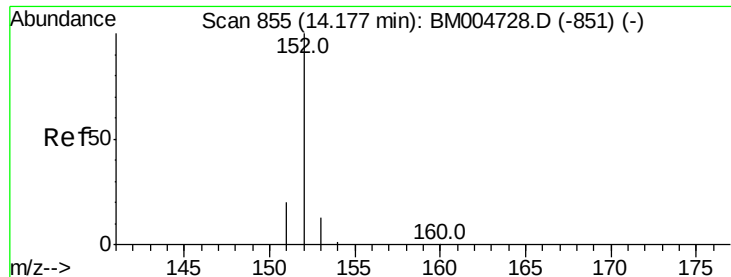
141 78.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM004738.D

Acq: 22 Mar 2016 21:44

Instrument :

BNA_M

ClientSampleId :

A4T22

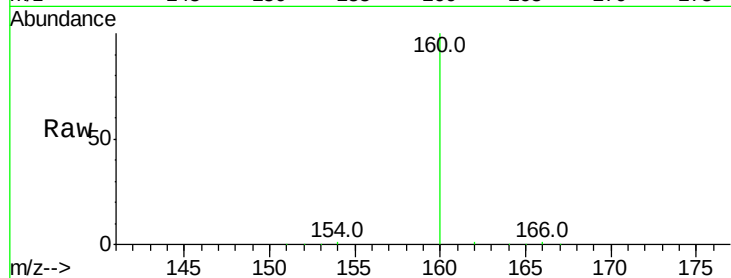
Tot Ion:152 Resp: 59

Ion Ratio Lower Upper

152 100

151 78.8 17.6 26.4#

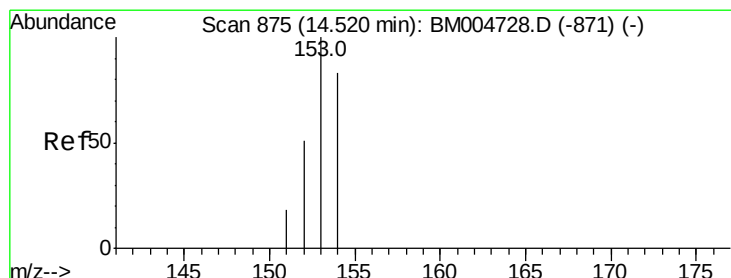
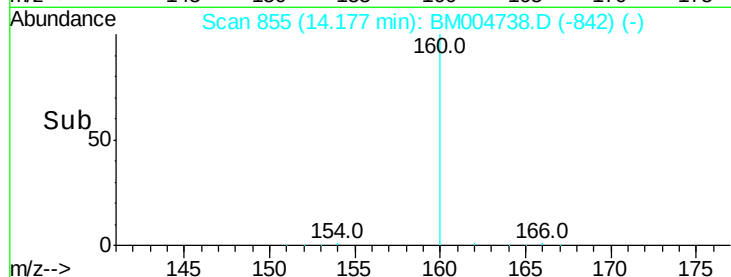
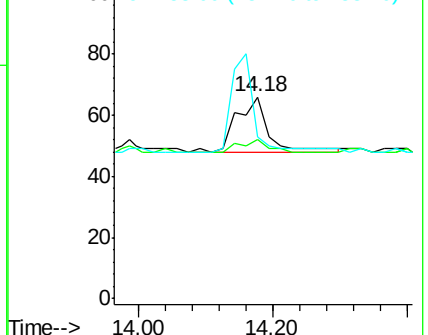
153 80.3 9.7 14.5#



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: BM004738.D

Acq: 22 Mar 2016 21:44

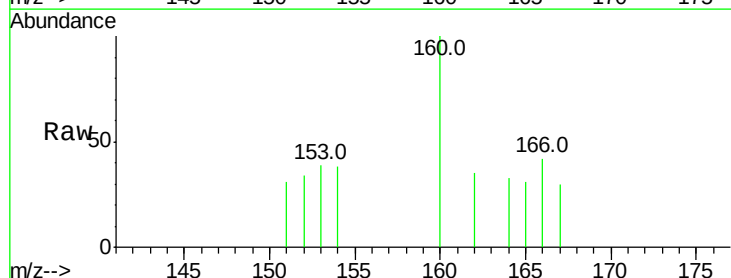
Tgt Ion:153 Resp: 27

Ion Ratio Lower Upper

153 100

152 89.1 33.9 50.9#

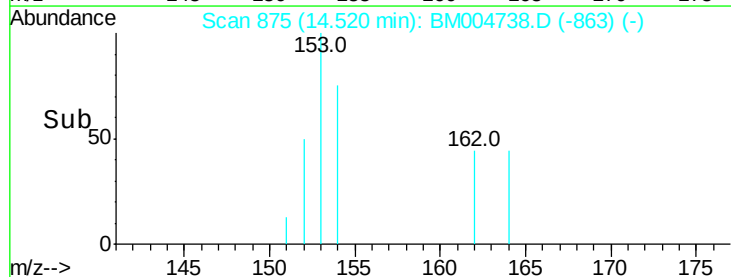
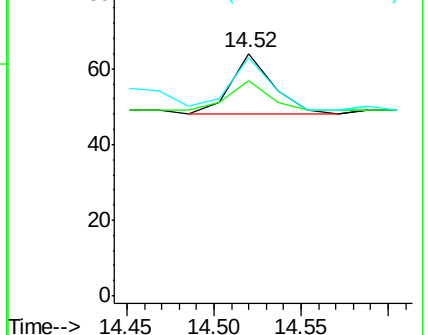
154 98.4 80.6 121.0

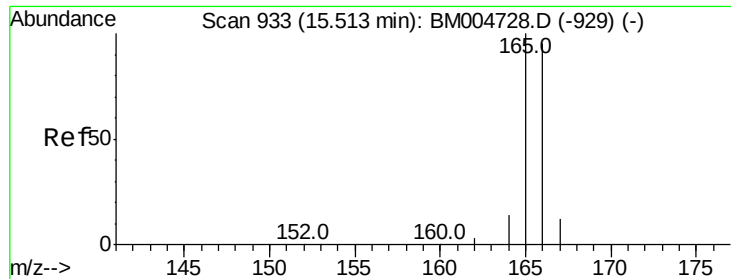


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

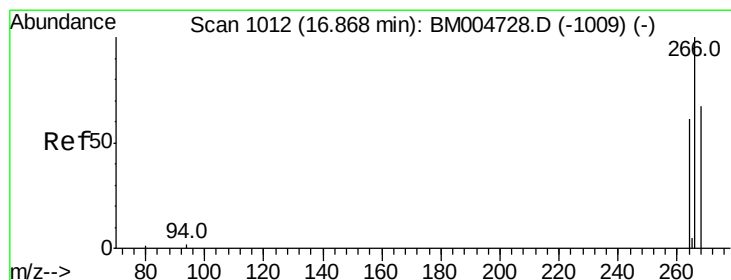
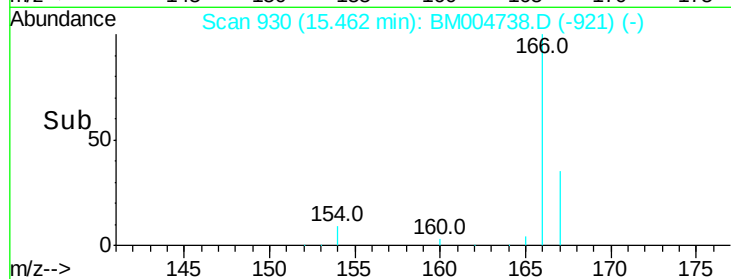
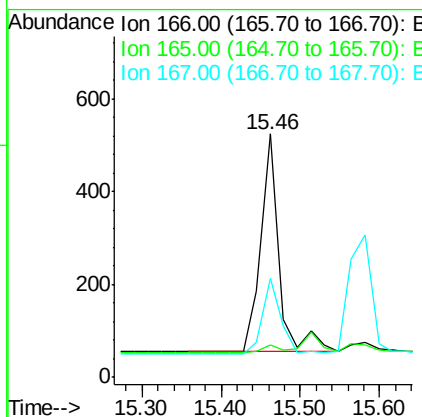
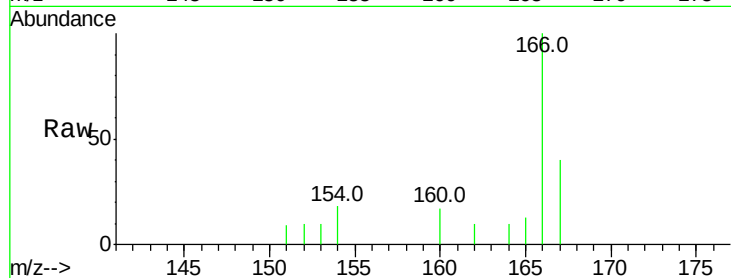




#11
Fluorene
 Concen: 0.08 ng/ul
 RT: 15.46 min Scan# 930
 Delta R.T. -0.05 min
 Lab File: BM004738.D
 Acq: 22 Mar 2016 21:44

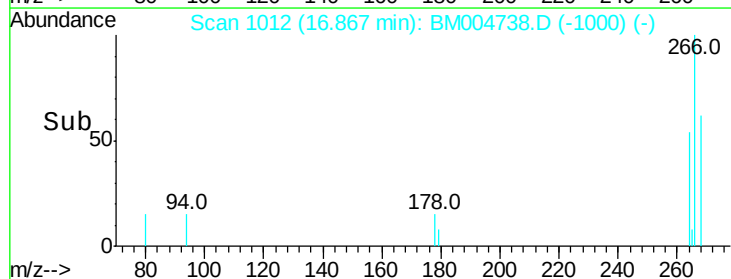
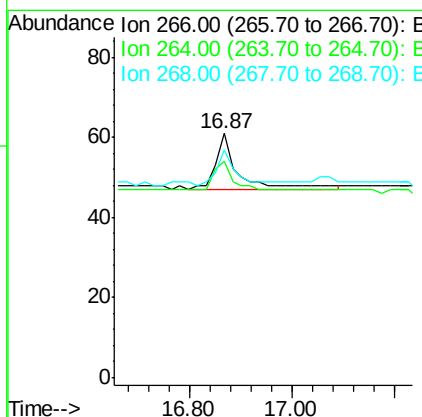
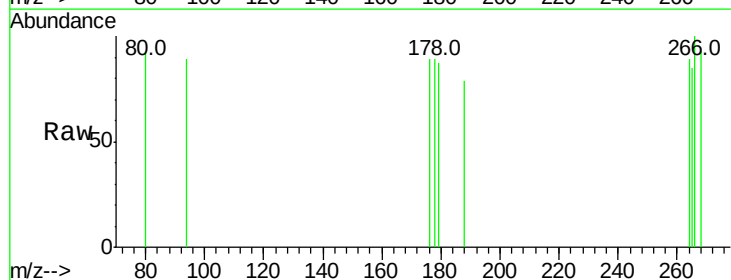
Instrument :
 BNA_M
 ClientSampleId :
 A4T22

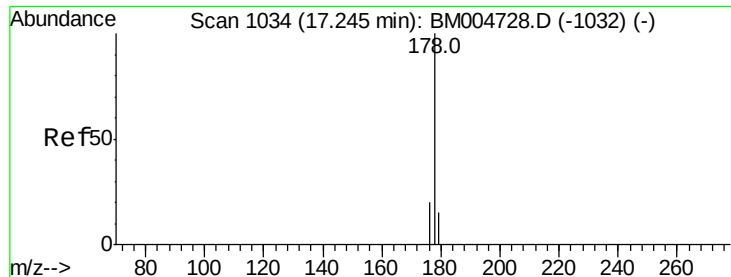
Tot Ion:166 Resp: 761
 Ion Ratio Lower Upper
 166 100
 165 13.4 69.6 104.4#
 167 40.5 11.9 17.9#



#13
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.87 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BM004738.D
 Acq: 22 Mar 2016 21:44

Tgt Ion:266 Resp: 44
 Ion Ratio Lower Upper
 266 100
 264 36.4 51.8 77.8#
 268 59.1 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: BM004738.D

Acq: 22 Mar 2016 21:44

Instrument :

BNA_M

ClientSampleId :

A4T22

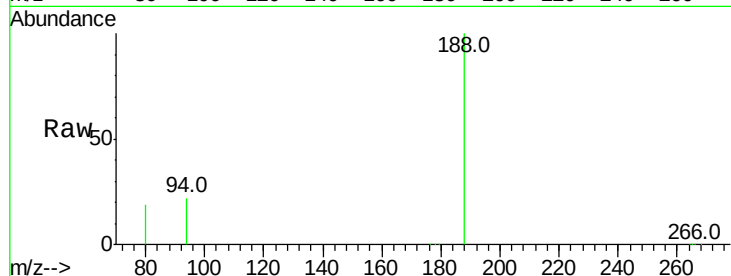
Tot Ion:178 Resp: 332

Ion Ratio Lower Upper

178 100

176 36.4 13.0 19.4#

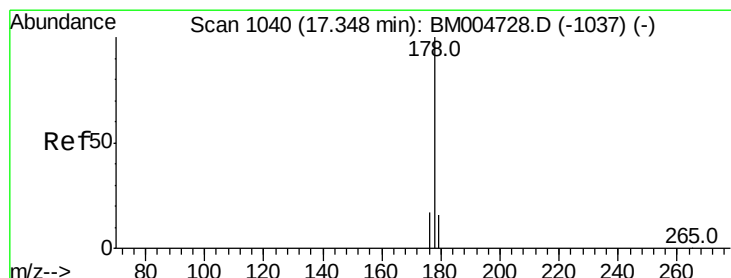
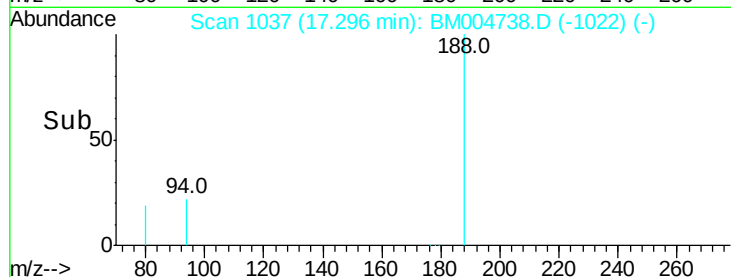
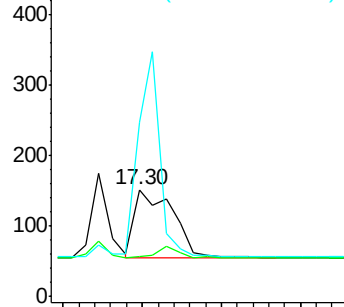
179 163.6 14.2 21.2#



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



#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BM004738.D

Acq: 22 Mar 2016 21:44

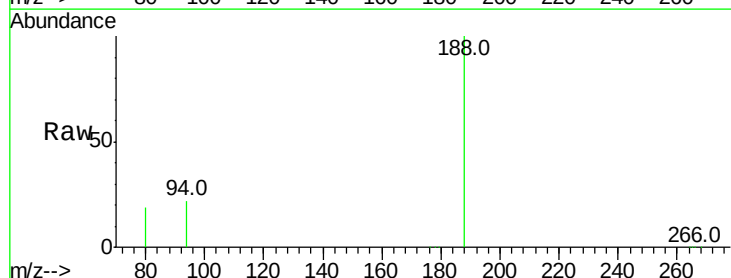
Tgt Ion:178 Resp: 339

Ion Ratio Lower Upper

178 100

176 36.4 14.0 21.0#

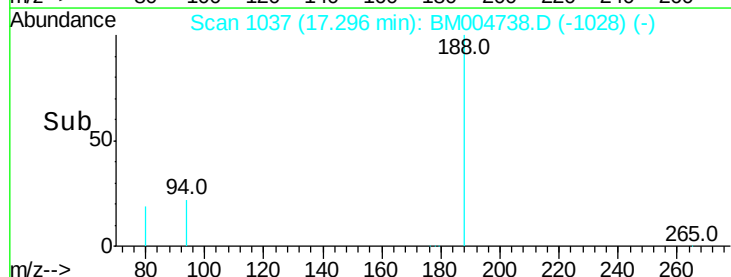
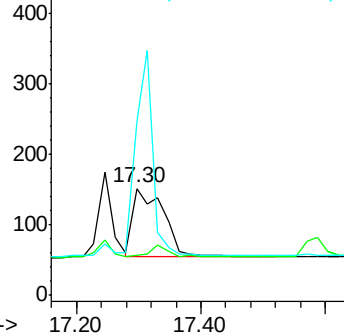
179 163.6 12.9 19.3#

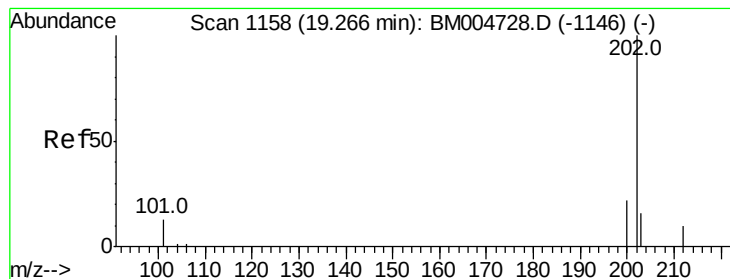


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.27 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BM004738.D

Acq: 22 Mar 2016 21:44

Instrument :

BNA_M

ClientSampleId :

A4T22

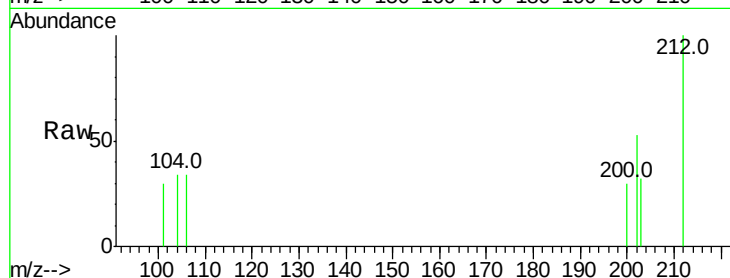
Tot Ion:202 Resp: 89

Ion Ratio Lower Upper

202 100

101 56.6 0.0 29.6#

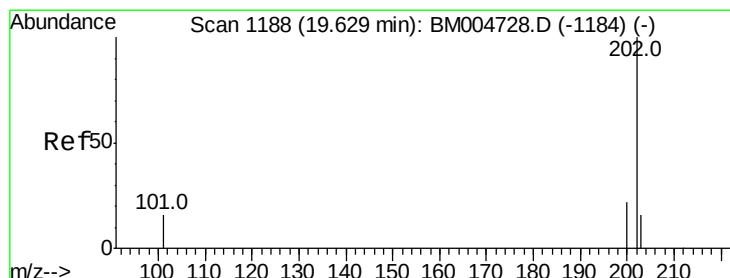
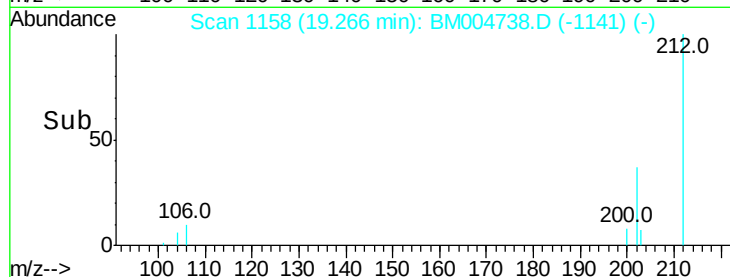
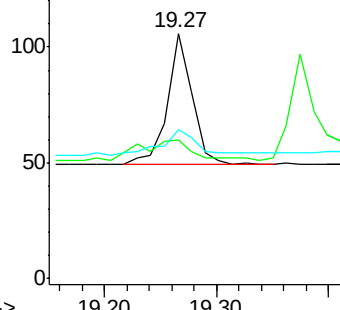
203 60.4 0.0 36.3#



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



#19

Pyrene

Concen: 0.06 ng/ul

RT: 19.60 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BM004738.D

Acq: 22 Mar 2016 21:44

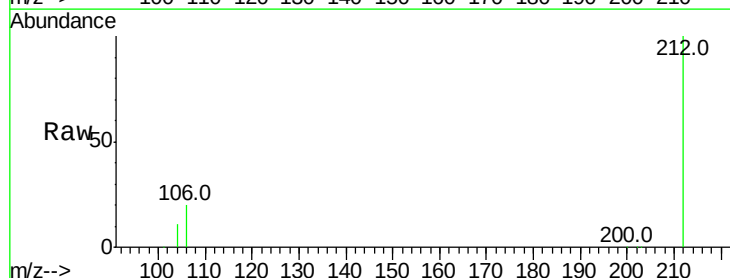
Tgt Ion:202 Resp: 844

Ion Ratio Lower Upper

202 100

200 11.3 17.8 26.8#

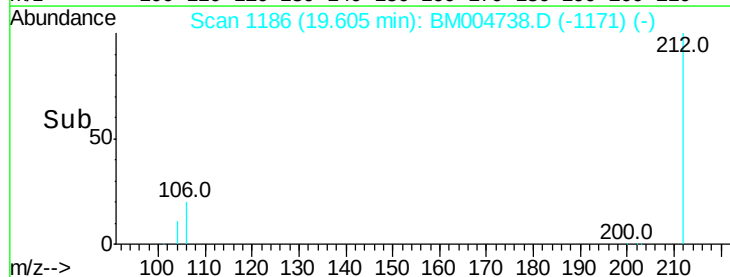
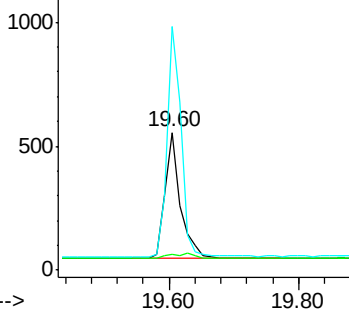
203 176.6 12.8 19.2#

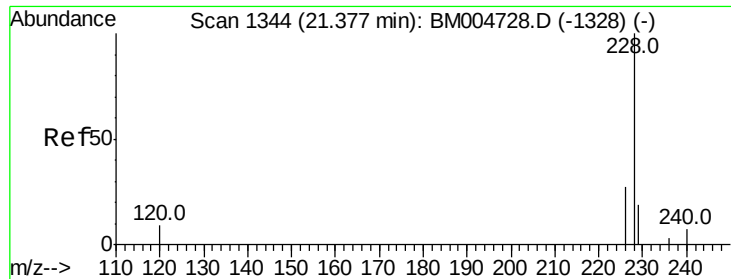


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.38 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BM004738.D

Acq: 22 Mar 2016 21:44

Instrument :

BNA_M

ClientSampleId :

A4T22

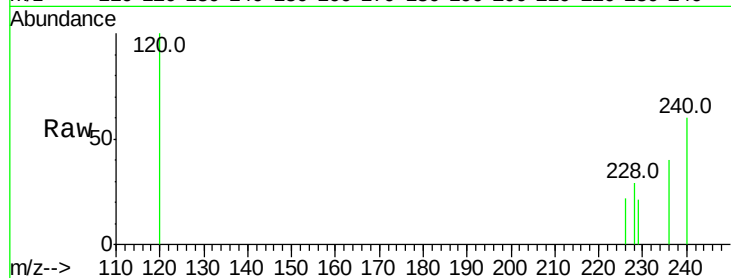
Tot Ion:228 Resp: 54

Ion Ratio Lower Upper

228 100

226 76.0 18.8 28.2#

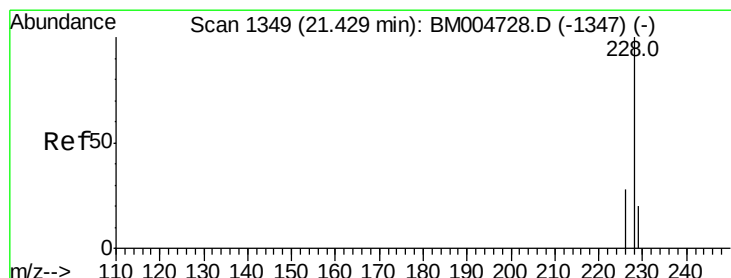
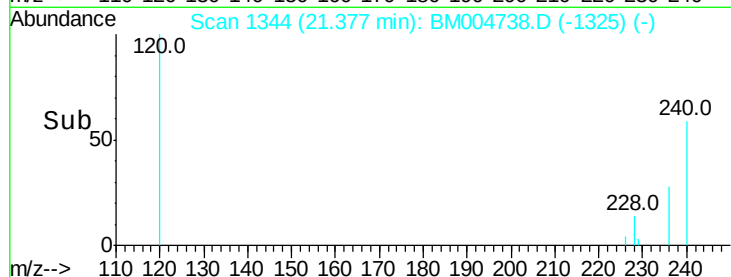
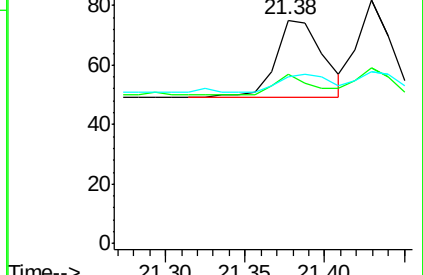
229 74.7 17.1 25.7#



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



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BM004738.D

Acq: 22 Mar 2016 21:44

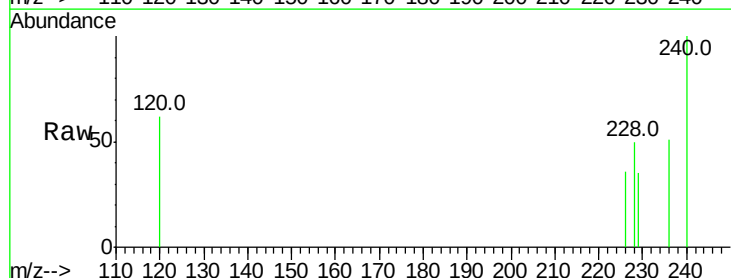
Tgt Ion:228 Resp: 48

Ion Ratio Lower Upper

228 100

226 72.0 21.2 31.8#

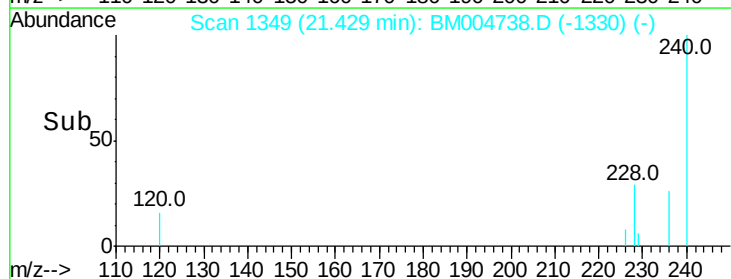
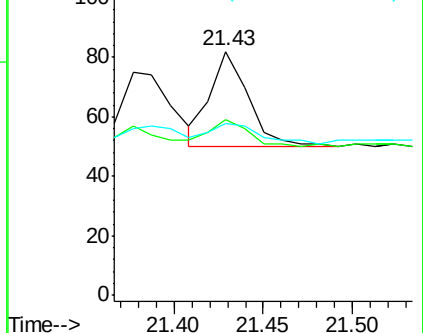
229 70.7 17.0 25.6#

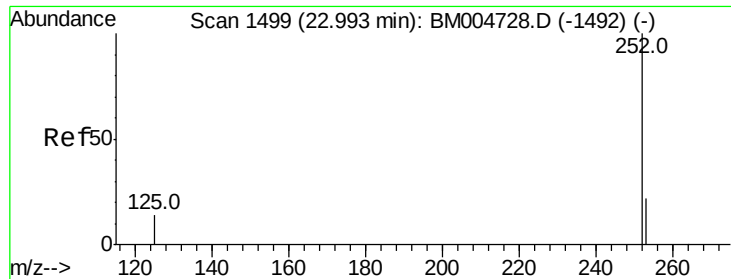


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.18 min

Lab File: BM004738.D

Acq: 22 Mar 2016 21:44

Instrument :

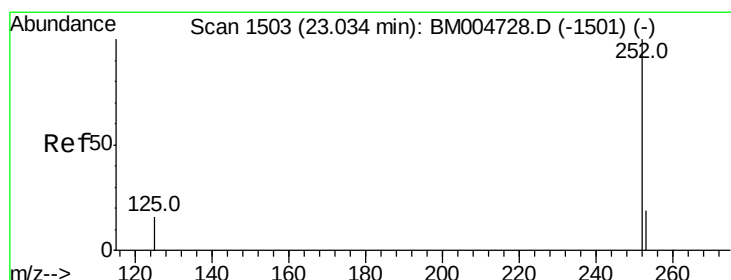
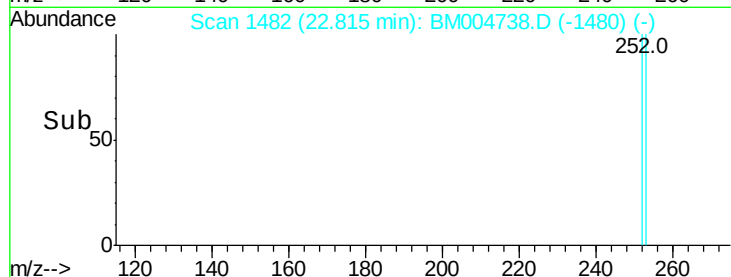
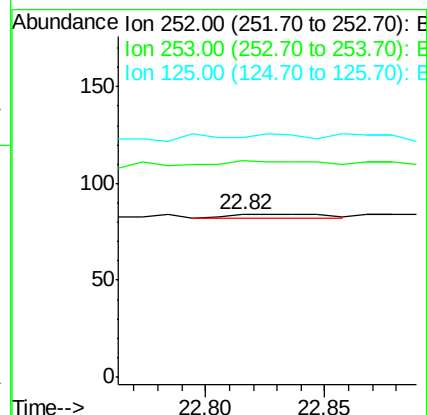
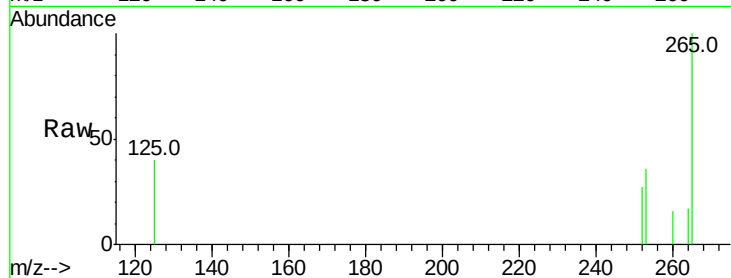
BNA_M

ClientSampleId :

A4T22

Tot Ion:252 Resp: 6

Ion	Ratio	Lower	Upper
252	100		
253	133.3	0.0	45.4#
125	147.6	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.93 min Scan# 1493

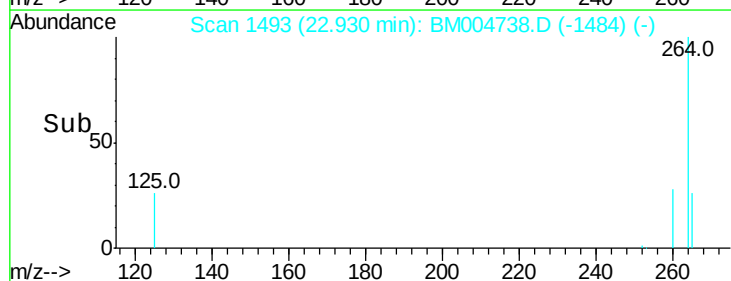
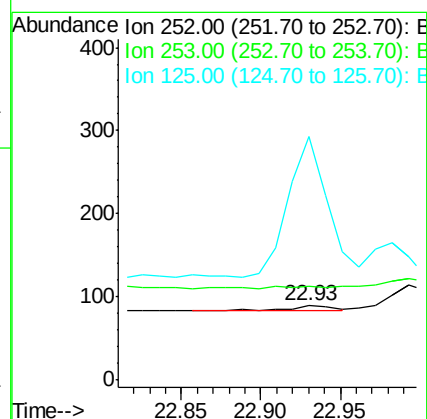
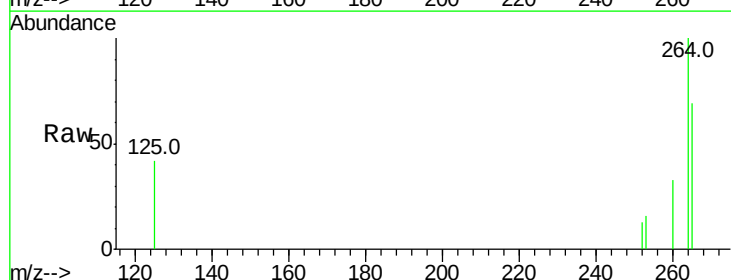
Delta R.T. -0.10 min

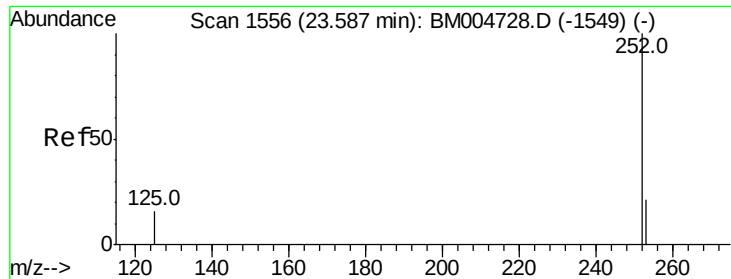
Lab File: BM004738.D

Acq: 22 Mar 2016 21:44

Tgt Ion:252 Resp: 14

Ion	Ratio	Lower	Upper
252	100		
253	125.8	19.8	29.8#
125	329.2	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: BM004738.D

Acq: 22 Mar 2016 21:44

Instrument :

BNA_M

ClientSampled :

A4T22

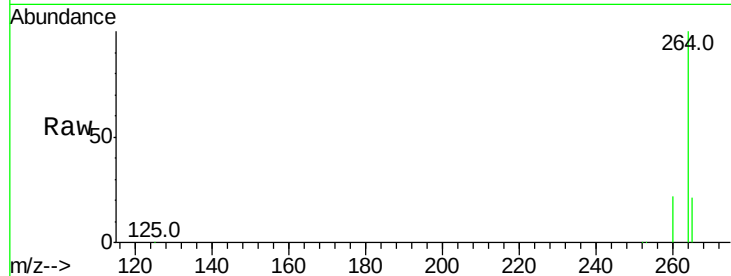
Tot Ion:252 Resp: 1589

Ion Ratio Lower Upper

252 100

253 38.8 19.4 29.2#

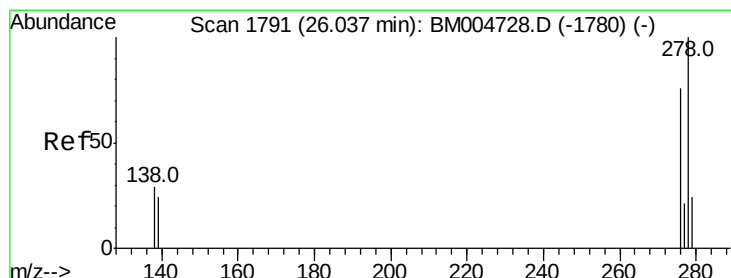
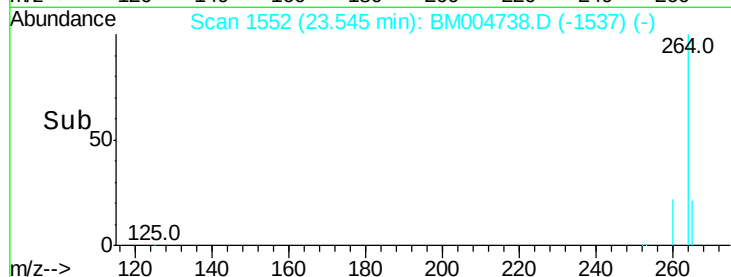
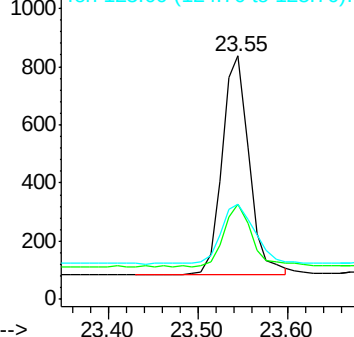
125 39.1 12.7 19.1#



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



#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.90 min Scan# 1778

Delta R.T. -0.14 min

Lab File: BM004738.D

Acq: 22 Mar 2016 21:44

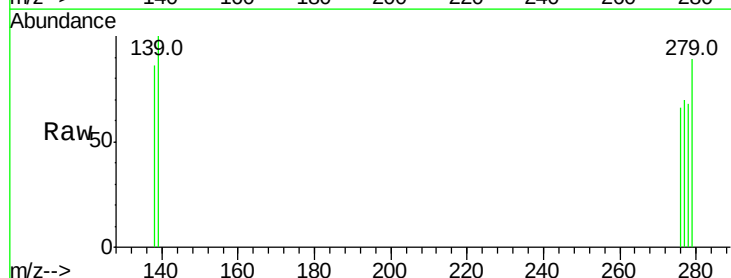
Tgt Ion:278 Resp: 2

Ion Ratio Lower Upper

278 100

139 146.0 16.4 24.6#

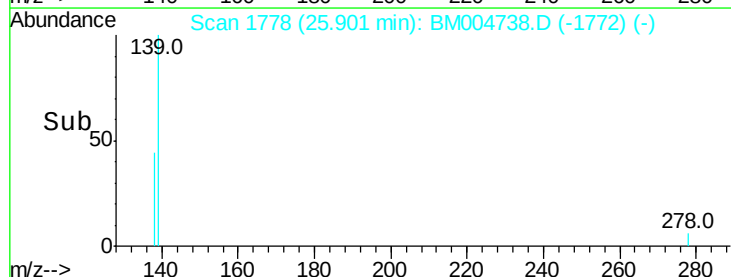
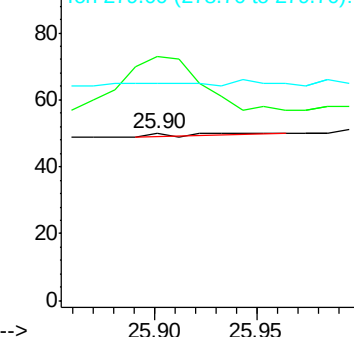
279 130.0 20.2 30.2#

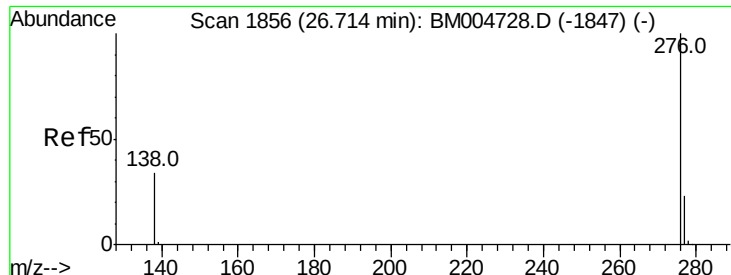


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(a,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.56 min Scan# 1841

Delta R.T. -0.16 min

Lab File: BM004738.D

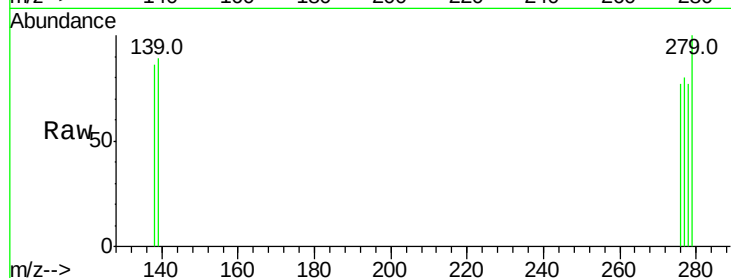
Acq: 22 Mar 2016 21:44

Instrument :

BNA_M

ClientSampleId :

A4T22



Tot Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

277 104.1 18.9 28.3#

138 112.2 22.5 33.7#

