

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032416\
 Data File : BM004755.D
 Acq On : 24 Mar 2016 16:56
 Operator : UM/SJ
 Sample : H1909-25
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T60

Quant Time: Apr 05 18:35:03 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 16:23:17 2016
 Response via : Initial Calibration

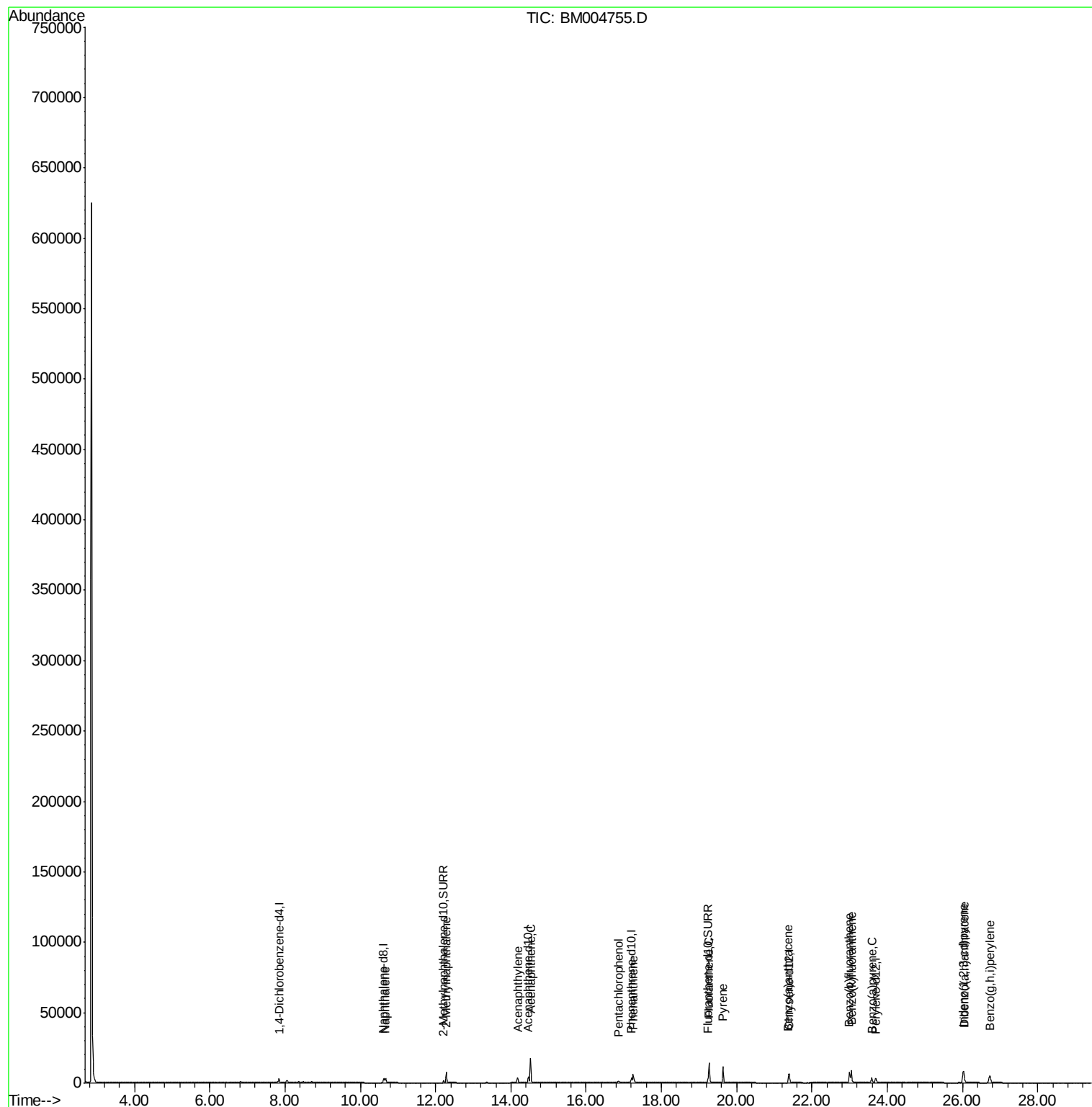
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1476	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5659	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2750	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	5740	0.40	ng/ul	0.00
18) Chrysene-d12	21.40	240	5012	0.40	ng/ul	-0.01
22) Perylene-d12	23.69	264	4120	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.29	96	2	0.00	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	12.22	152	2152	0.33	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	4146	0.36	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	5288	0.40	ng/ul#	95
7) 2-Methylnaphthalene	12.29	142	7138	0.84	ng/ul	99
9) Acenaphthylene	14.18	152	5095	0.50	ng/ul	97
10) Acenaphthene	14.52	153	11064	1.22	ng/ul#	85
13) Pentachlorophenol	16.87	266	938	1.22	ng/ul	96
14) Phenanthrene	17.24	178	8796	0.56	ng/ul#	92
17) Fluoranthene	19.27	202	15490	0.95	ng/ul	94
19) Pyrene	19.63	202	12510	0.72	ng/ul	99
20) Benzo(a)anthracene	21.38	228	5734	0.48	ng/ul#	89
23) Benzo(b)fluoranthene	22.99	252	9846	0.67	ng/ul	96
24) Benzo(k)fluoranthene	23.04	252	12675	0.85	ng/ul#	95
25) Benzo(a)pyrene	23.59	252	5356	0.43	ng/ul#	94
26) Indeno(1,2,3-cd)pyrene	26.02	276	9760	0.72	ng/ul#	80
27) Dibenzo(a,h)anthracene	26.04	278	9560	0.90	ng/ul#	95
28) Benzo(a,h,i)perylene	26.72	276	10807	0.83	ng/ul#	92

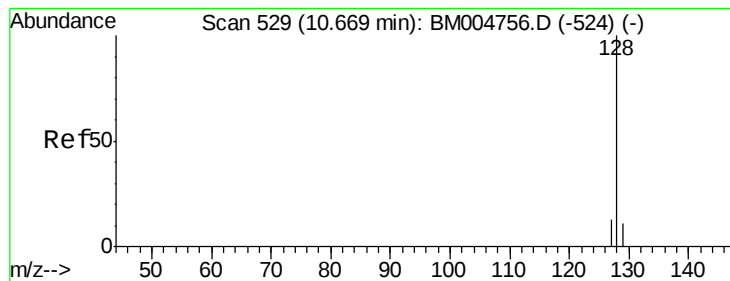
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 05 16:23:17 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.40 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004755.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_M

ClientSampleId :

A4T60

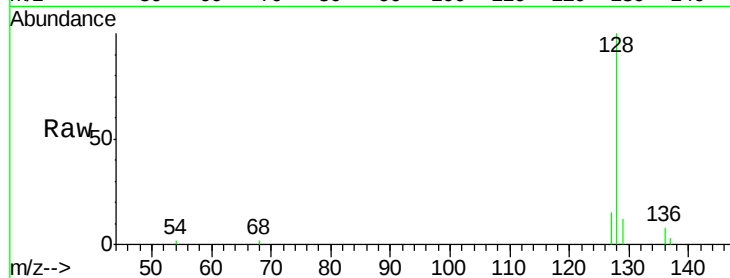
Tot Ion:128 Resp: 5288

Ion Ratio Lower Upper

128 100

129 12.2 9.0 13.6

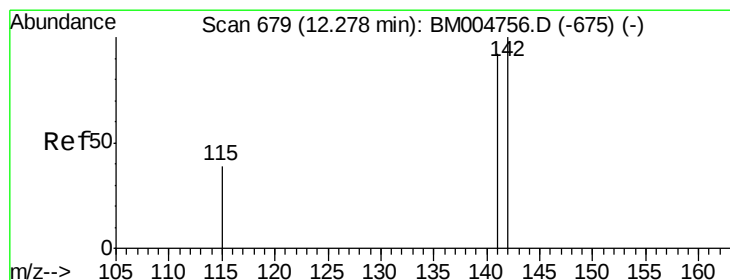
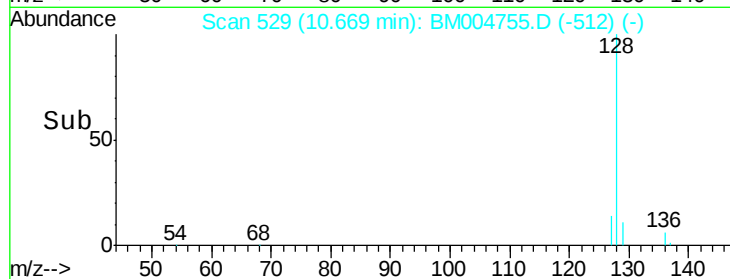
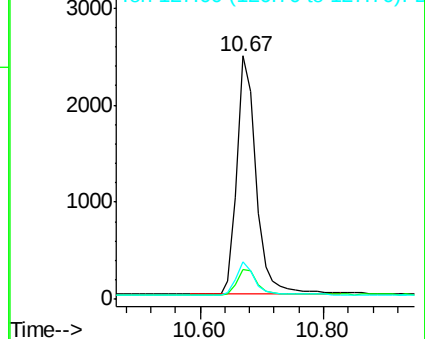
127 15.2 9.6 14.4#



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: 0.84 ng/ul

RT: 12.29 min Scan# 680

Delta R.T. 0.01 min

Lab File: BM004755.D

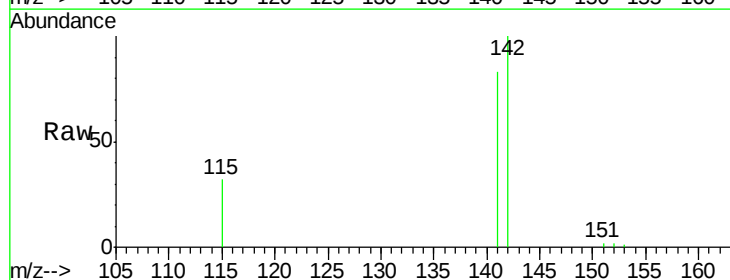
Acq: 24 Mar 2016 16:56

Tgt Ion:142 Resp: 7138

Ion Ratio Lower Upper

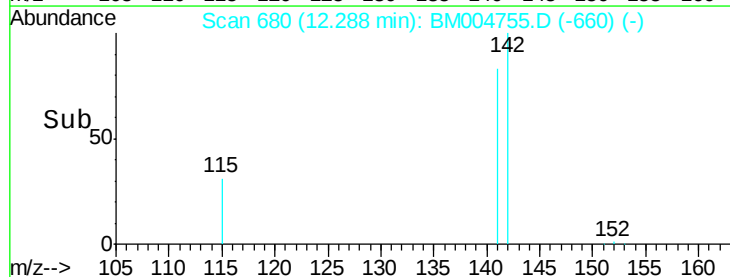
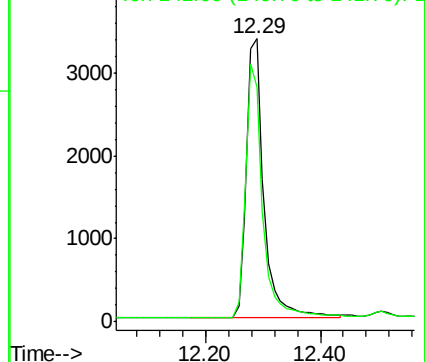
142 100

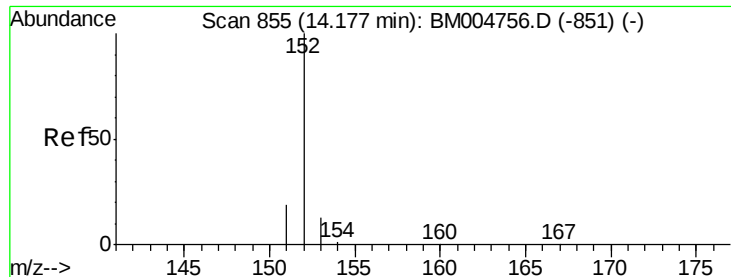
141 88.5 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.50 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM004755.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_M

ClientSampleId :

A4T60

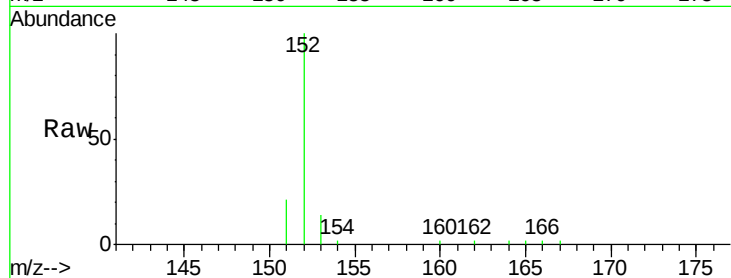
Tot Ion:152 Resp: 5095

Ion Ratio Lower Upper

152 100

151 21.0 17.6 26.4

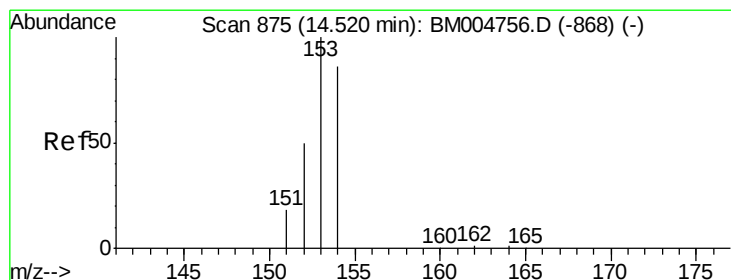
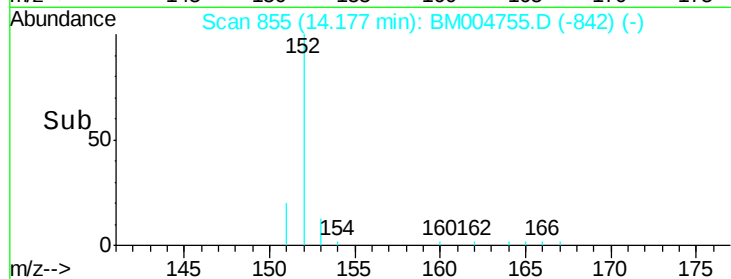
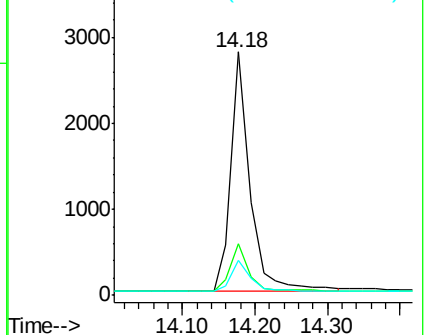
153 14.2 9.7 14.5



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: 1.22 ng/ul

RT: 14.52 min Scan# 875

Delta R.T. -0.00 min

Lab File: BM004755.D

Acq: 24 Mar 2016 16:56

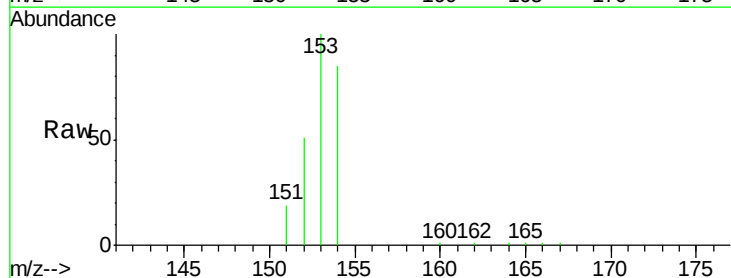
Tgt Ion:153 Resp: 11064

Ion Ratio Lower Upper

153 100

152 51.2 33.9 50.9#

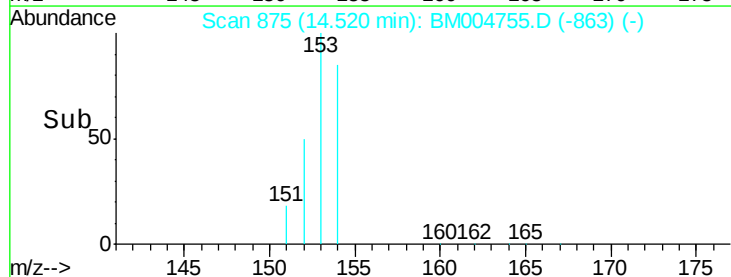
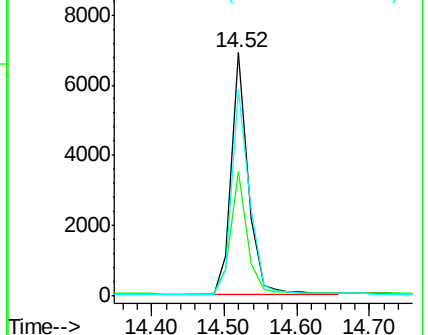
154 85.0 80.6 121.0

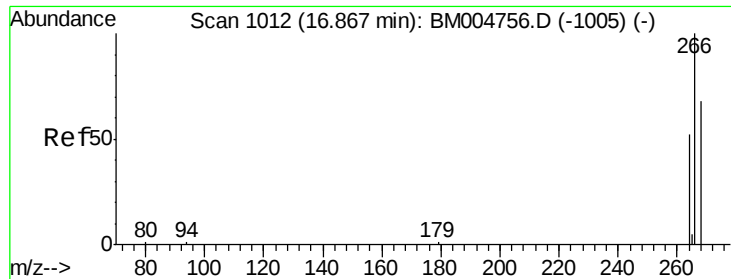


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

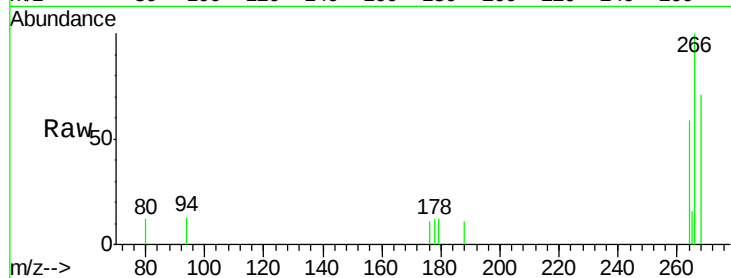




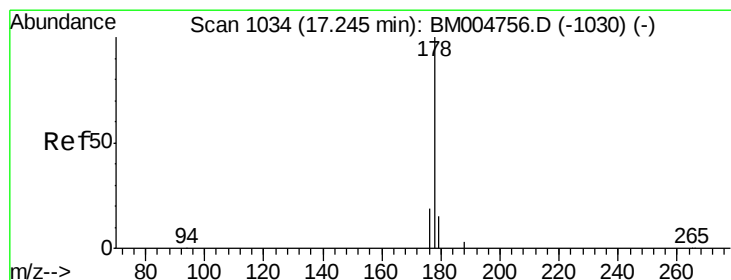
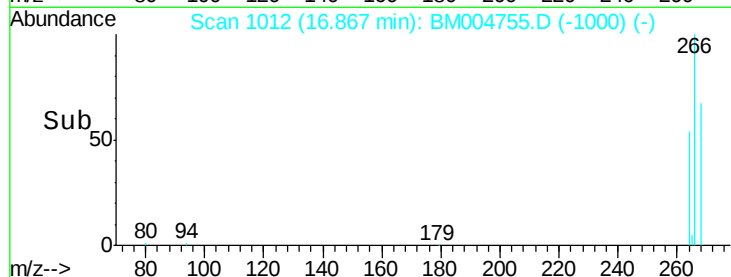
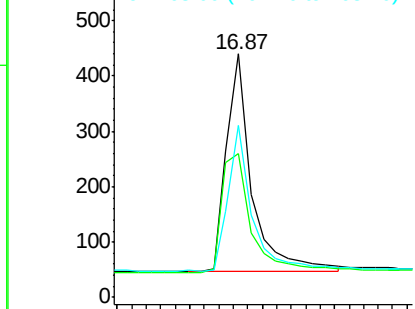
#13
 Pentachlorophenol
 Concen: 1.22 ng/ul
 RT: 16.87 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BM004755.D
 Acq: 24 Mar 2016 16:56

Instrument :
 BNA_M
 ClientSampleId :
 A4T60

Tot Ion:266 Resp: 938
 Ion Ratio Lower Upper
 266 100
 264 64.3 51.8 77.8
 268 64.5 46.8 70.2

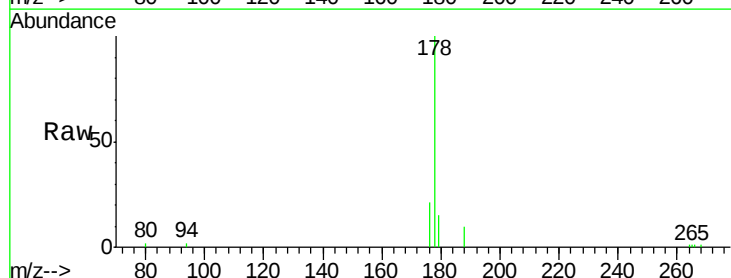


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

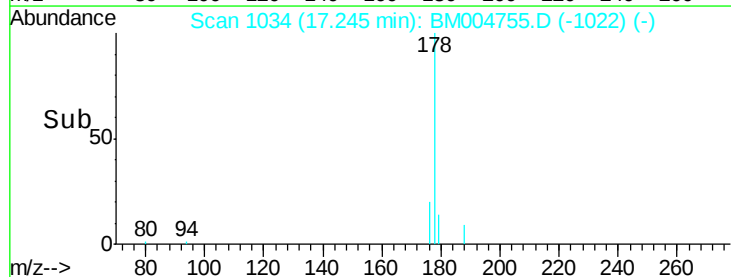
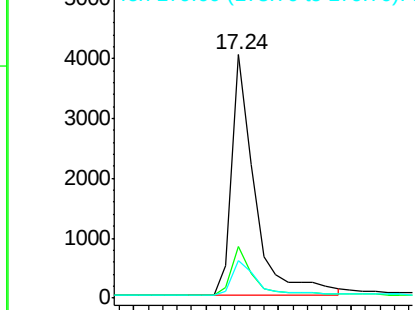


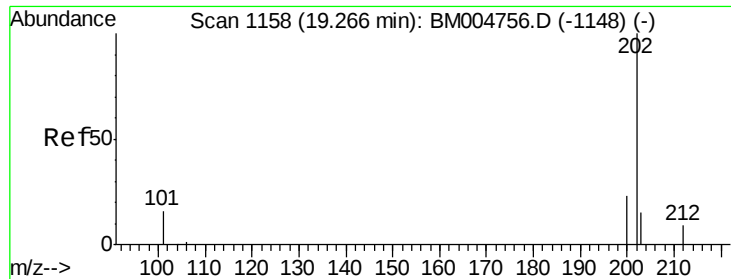
#14
 Phenanthrene
 Concen: 0.56 ng/ul
 RT: 17.24 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BM004755.D
 Acq: 24 Mar 2016 16:56

Tgt Ion:178 Resp: 8796
 Ion Ratio Lower Upper
 178 100
 176 21.1 13.0 19.4#
 179 15.5 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

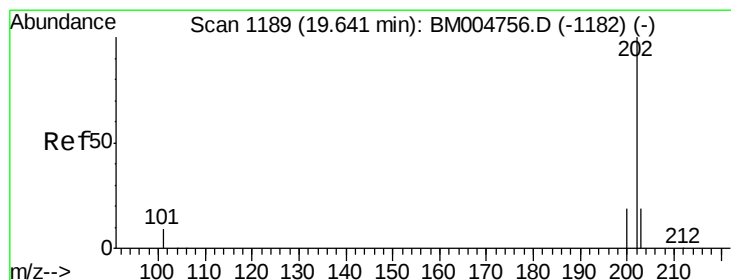
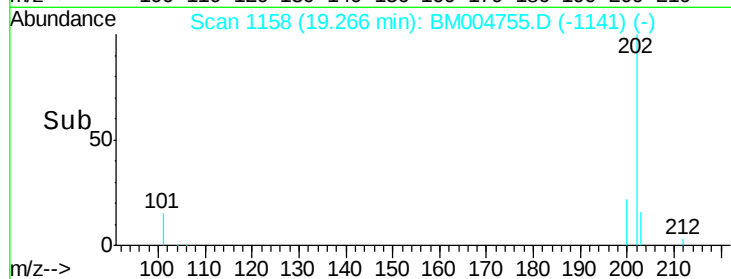
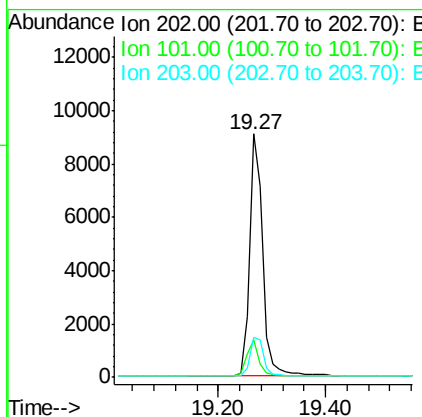
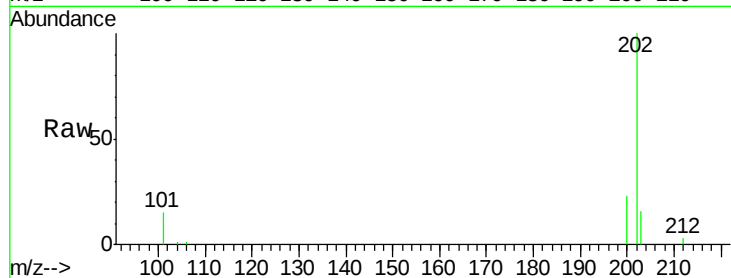




#17
Fluoranthene
 Concen: 0.95 ng/ul
 RT: 19.27 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BM004755.D
 Acq: 24 Mar 2016 16:56

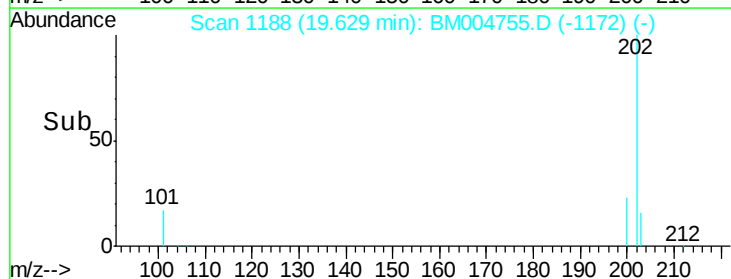
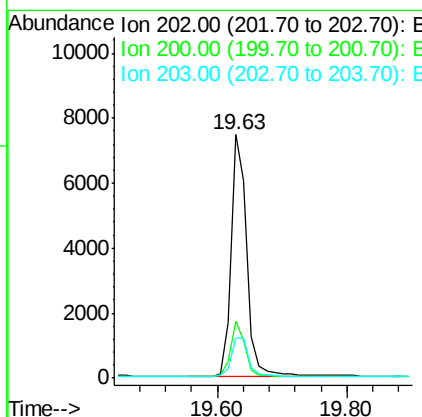
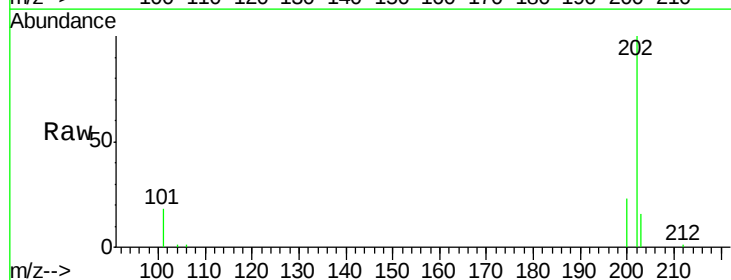
Instrument :
 BNA_M
 ClientSampleId :
 A4T60

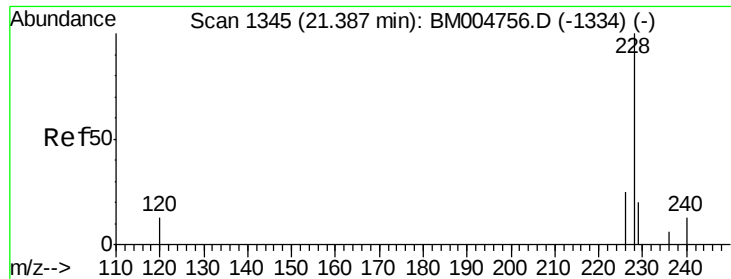
Tot Ion:202 Resp: 15490
 Ion Ratio Lower Upper
 202 100
 101 15.2 0.0 29.6
 203 16.3 0.0 36.3



#19
Pyrene
 Concen: 0.72 ng/ul
 RT: 19.63 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BM004755.D
 Acq: 24 Mar 2016 16:56

Tgt Ion:202 Resp: 12510
 Ion Ratio Lower Upper
 202 100
 200 23.2 17.8 26.8
 203 16.4 12.8 19.2





#20

Benzo(a)anthracene

Concen: 0.48 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BM004755.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_M

ClientSampleId :

A4T60

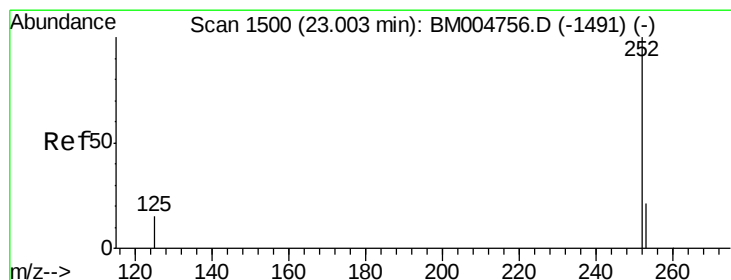
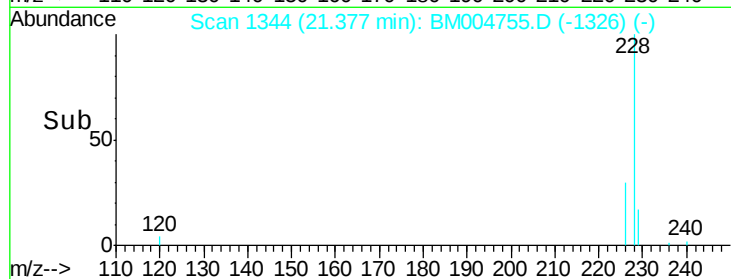
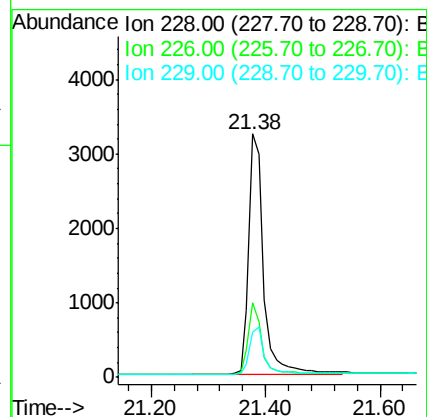
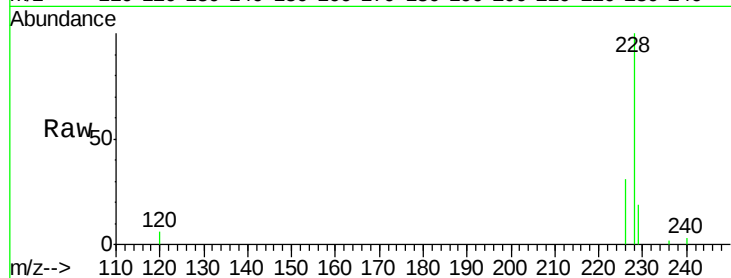
Tot Ion:228 Resp: 5734

Ion Ratio Lower Upper

228 100

226 30.9 18.8 28.2#

229 18.7 17.1 25.7



#23

Benzo(b)fluoranthene

Concen: 0.67 ng/ul

RT: 22.99 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BM004755.D

Acq: 24 Mar 2016 16:56

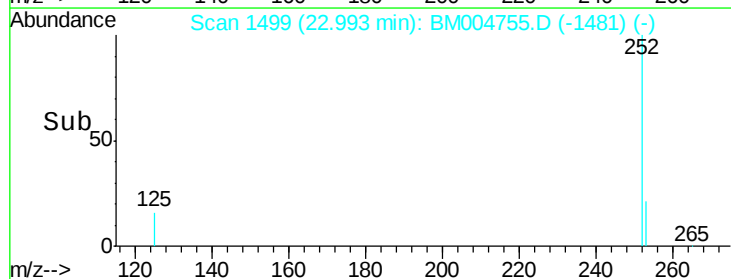
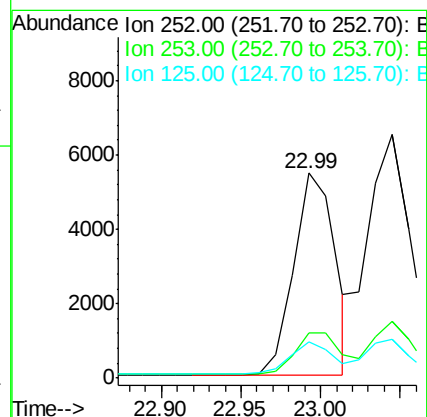
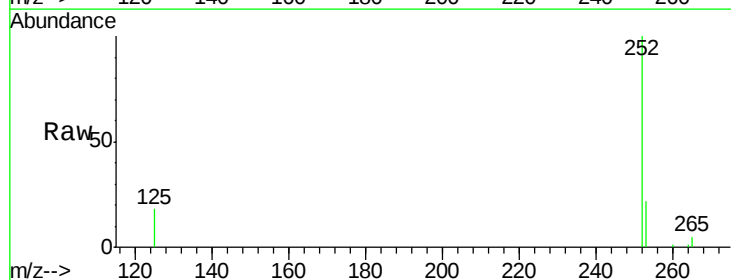
Tgt Ion:252 Resp: 9846

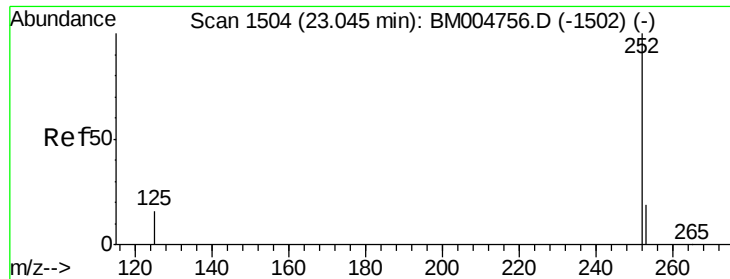
Ion Ratio Lower Upper

252 100

253 22.1 0.0 45.4

125 17.6 0.0 28.8





#24

Benzo(k)fluoranthene

Concen: 0.85 ng/ul

RT: 23.04 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BM004755.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_M

ClientSampleId :

A4T60

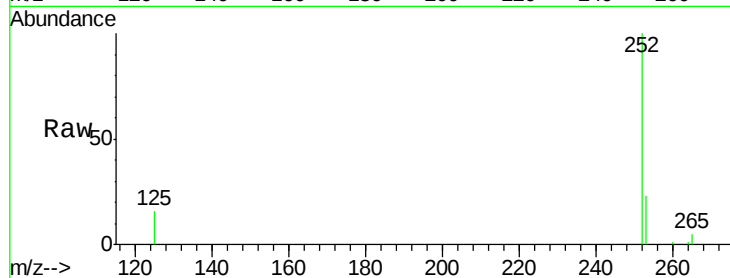
Tot Ion:252 Resp: 12675

Ion Ratio Lower Upper

252 100

253 23.2 19.8 29.8

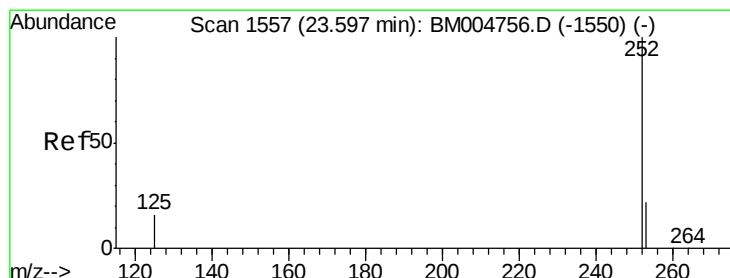
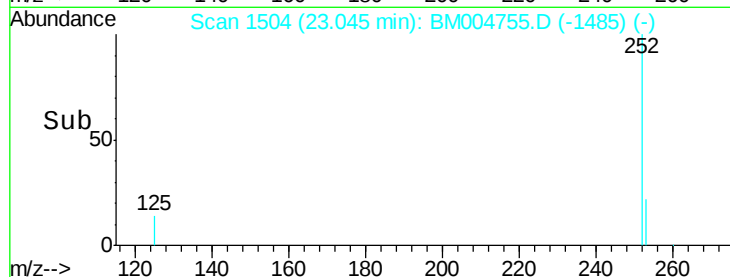
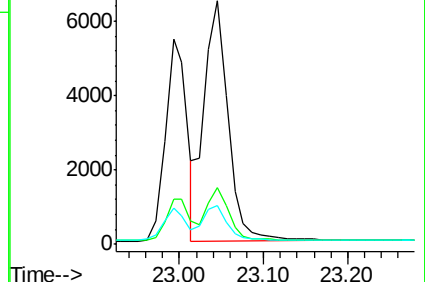
125 15.9 10.4 15.6#



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: 0.43 ng/ul

RT: 23.59 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BM004755.D

Acq: 24 Mar 2016 16:56

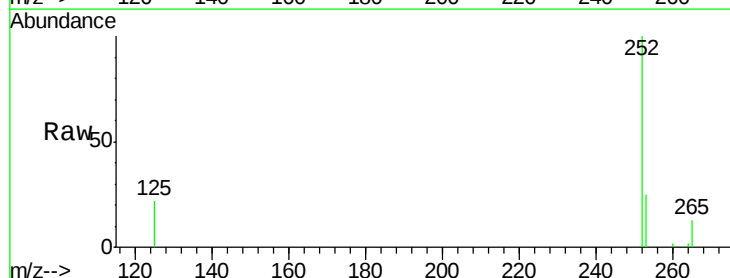
Tgt Ion:252 Resp: 5356

Ion Ratio Lower Upper

252 100

253 24.7 19.4 29.2

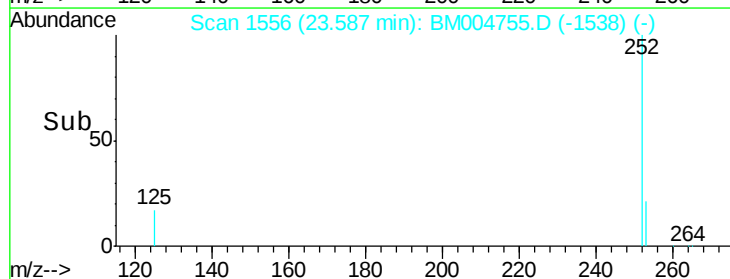
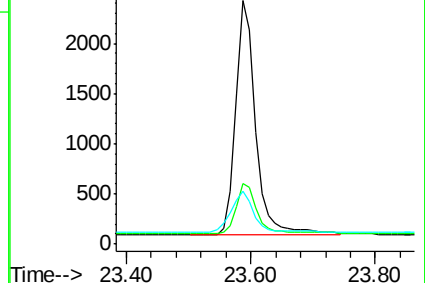
125 21.5 12.7 19.1#

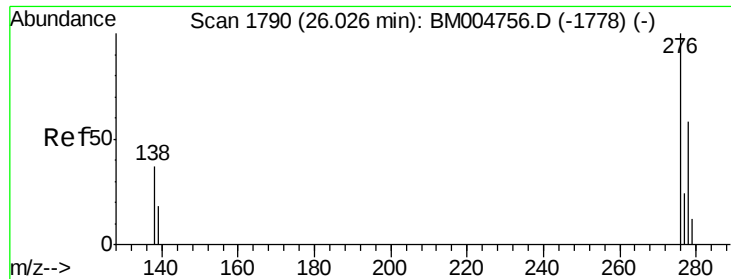


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

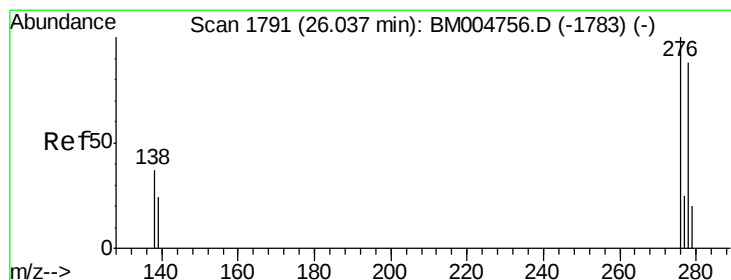
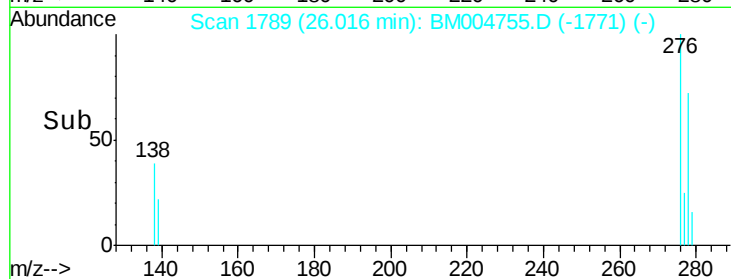
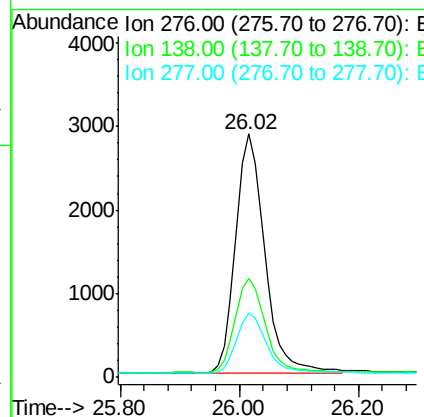
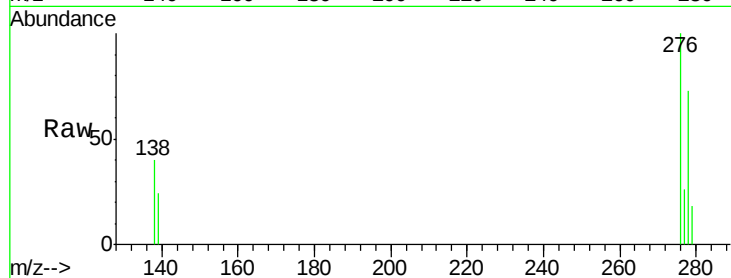




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.72 ng/ul
 RT: 26.02 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BM004755.D
 Acq: 24 Mar 2016 16:56

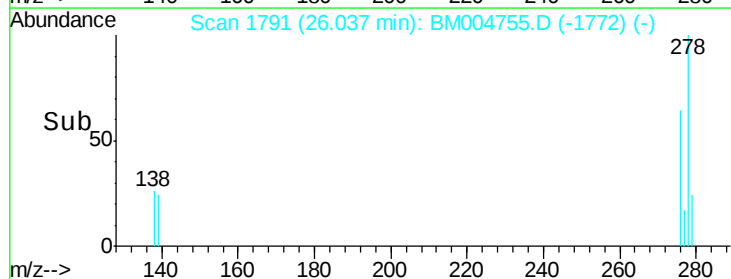
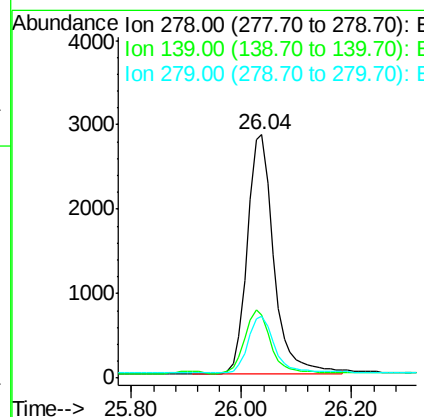
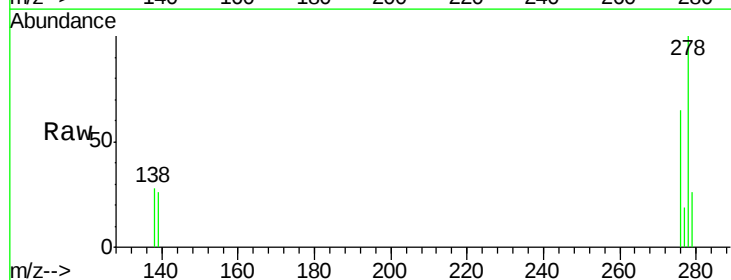
Instrument :
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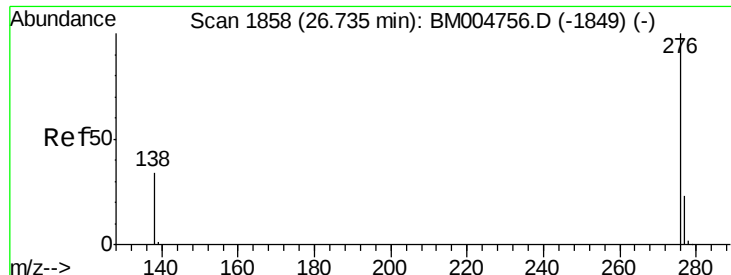
Tot Ion:276 Resp: 9760
 Ion Ratio Lower Upper
 276 100
 138 40.4 16.3 24.5#
 277 25.2 19.8 29.8



#27
 Dibenzo(a,h)anthracene
 Concen: 0.90 ng/ul
 RT: 26.04 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BM004755.D
 Acq: 24 Mar 2016 16:56

Tgt Ion:278 Resp: 9560
 Ion Ratio Lower Upper
 278 100
 139 25.7 16.4 24.6#
 279 25.6 20.2 30.2





#28

Benzo(a,h,i)perylene

Concen: 0.83 ng/ul

RT: 26.72 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM004755.D

Acq: 24 Mar 2016 16:56

Instrument :

BNA_M

ClientSampleId :

A4T60

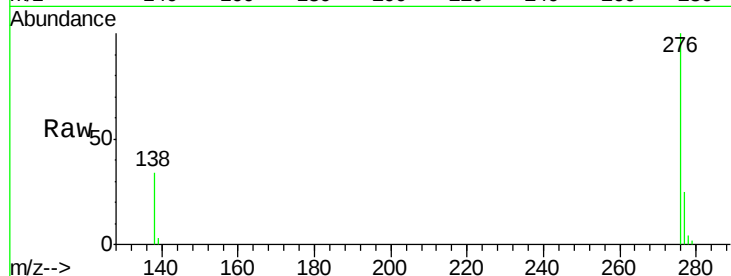
Tot Ion: 276 Resp: 10807

Ion Ratio Lower Upper

276 100

277 24.7 18.9 28.3

138 34.5 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

