

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032416\
 Data File : BM004754.D
 Acq On : 24 Mar 2016 13:27
 Operator : UM/SJ
 Sample : H1909-22
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T56

Quant Time: Apr 05 18:23:55 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

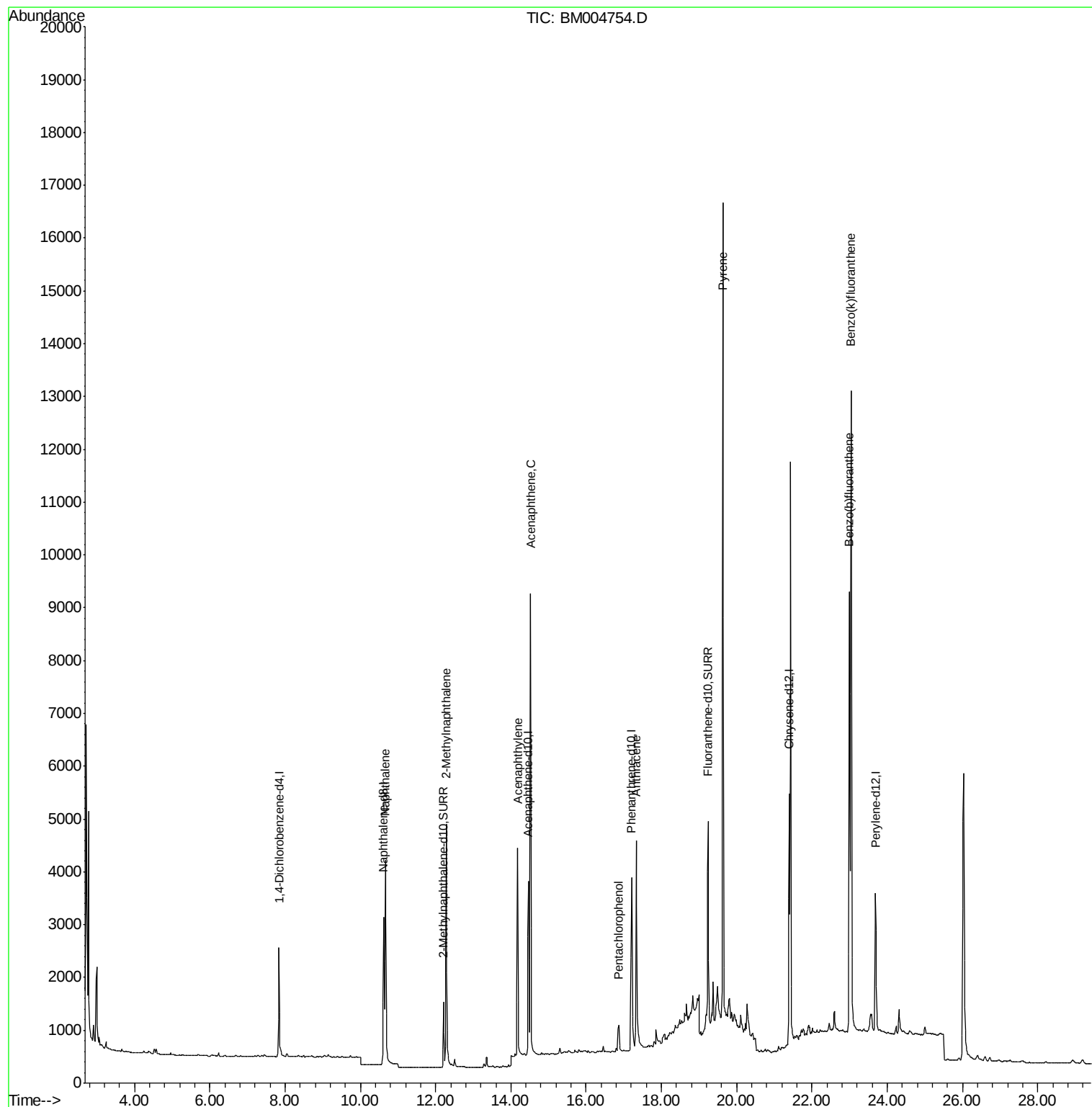
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1180	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4678	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2317	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	5074	0.40	ng/ul	0.00
18) Chrysene-d12	21.40	240	4544	0.40	ng/ul	-0.01
22) Perylene-d12	23.69	264	3828	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	12.22	152	1859	0.35	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	4789	0.47	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	5921	0.54	ng/ul#	96
7) 2-Methylnaphthalene	12.28	142	4070	0.58	ng/ul	98
9) Acenaphthylene	14.18	152	5039	0.59	ng/ul	96
10) Acenaphthene	14.52	153	5363	0.70	ng/ul	87
13) Pentachlorophenol	16.87	266	528	0.78	ng/ul	95
15) Anthracene	17.33	178	6358	0.56	ng/ul#	94
19) Pyrene	19.63	202	14620	0.92	ng/ul	98
23) Benzo(b)fluoranthene	22.99	252	10975	0.80	ng/ul	94
24) Benzo(k)fluoranthene	23.03	252	16858	1.22	ng/ul#	92

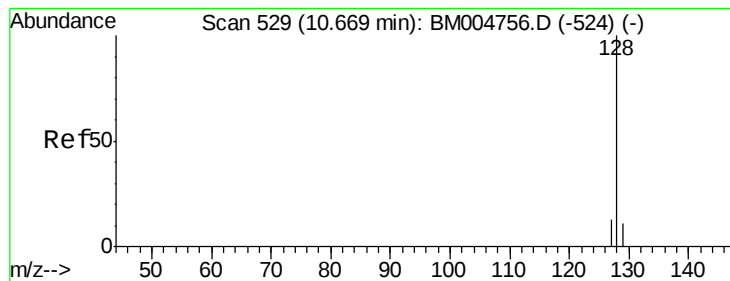
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.54 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004754.D

Acq: 24 Mar 2016 13:27

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ClientSampleId :

A4T56

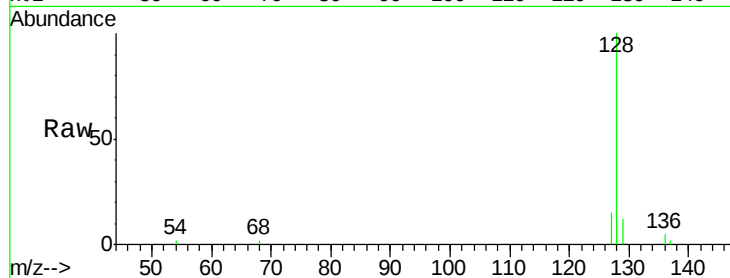
Tot Ion:128 Resp: 5921

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

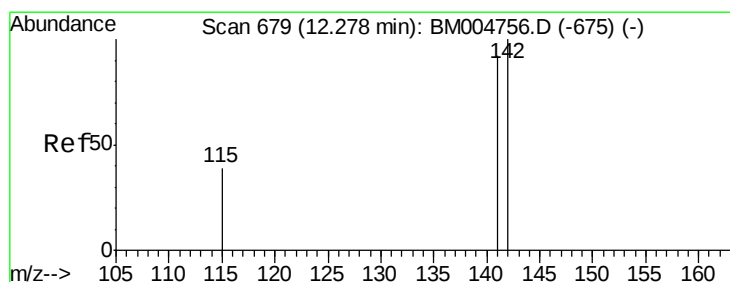
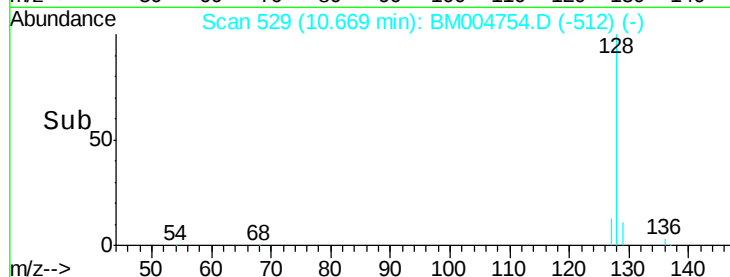
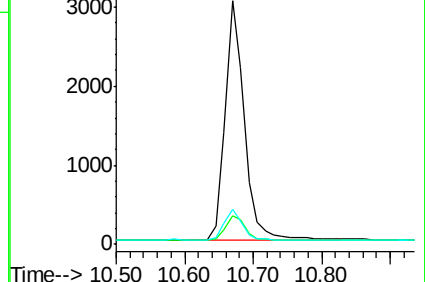
127 14.5 9.6 14.4#



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: 0.58 ng/ul

RT: 12.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BM004754.D

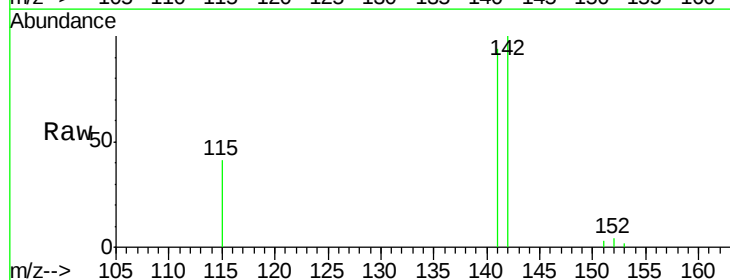
Acq: 24 Mar 2016 13:27

Tgt Ion:142 Resp: 4070

Ion Ratio Lower Upper

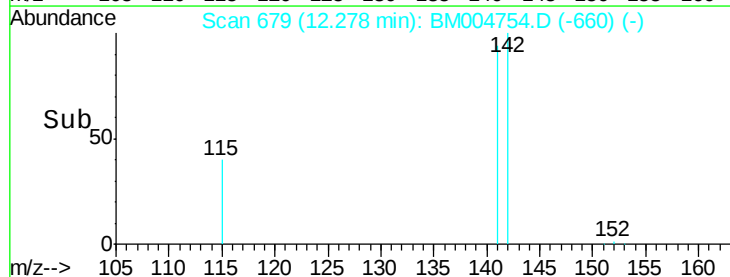
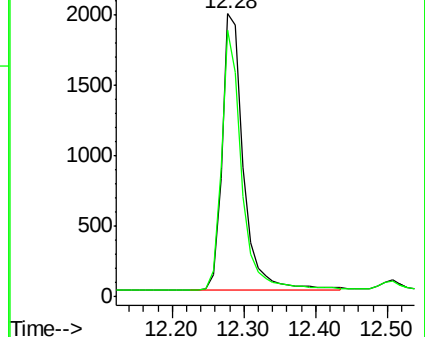
142 100

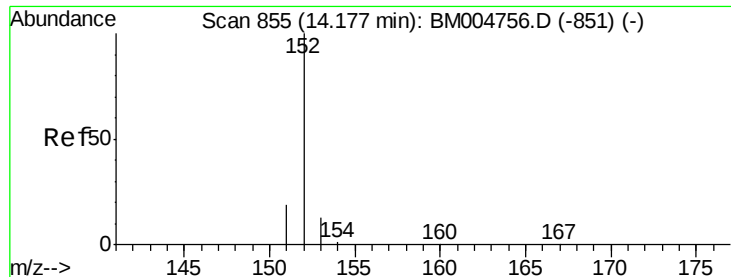
141 89.3 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.59 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM004754.D

Acq: 24 Mar 2016 13:27

Instrument :

BNA_M

ClientSampleId :

A4T56

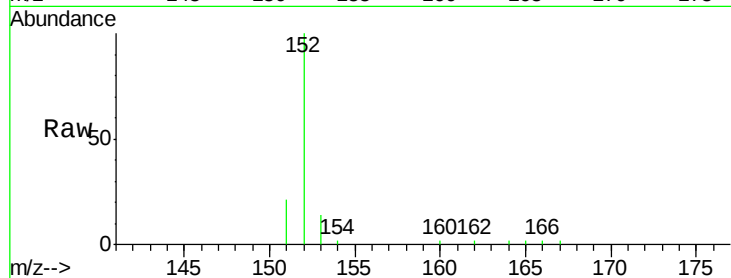
Tot Ion:152 Resp: 5039

Ion Ratio Lower Upper

152 100

151 20.7 17.6 26.4

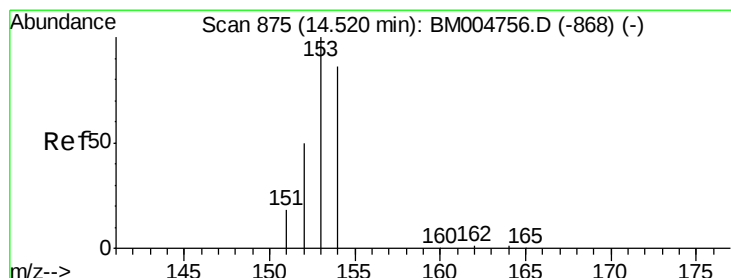
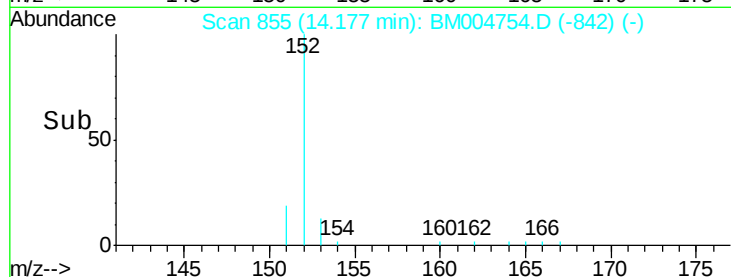
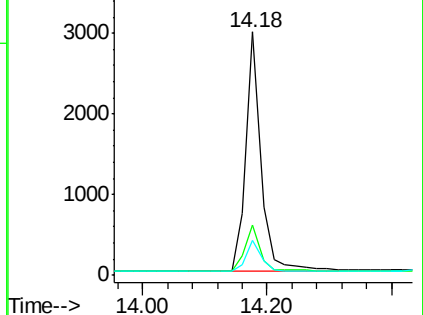
153 14.2 9.7 14.5



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: 0.70 ng/ul

RT: 14.52 min Scan# 875

Delta R.T. -0.00 min

Lab File: BM004754.D

Acq: 24 Mar 2016 13:27

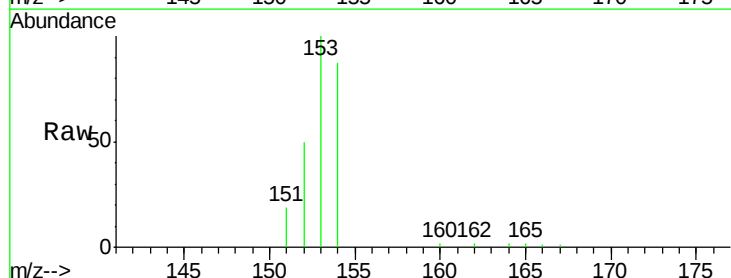
Tgt Ion:153 Resp: 5363

Ion Ratio Lower Upper

153 100

152 50.3 33.9 50.9

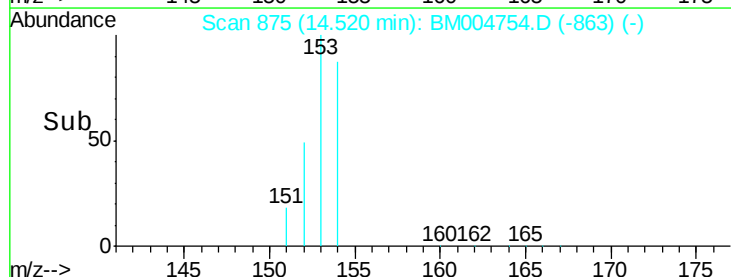
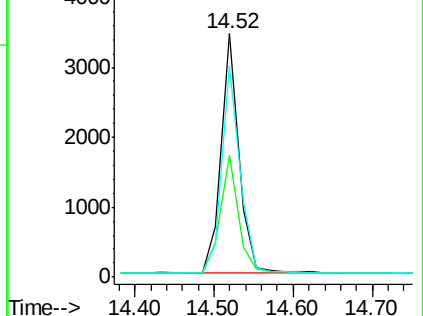
154 87.1 80.6 121.0

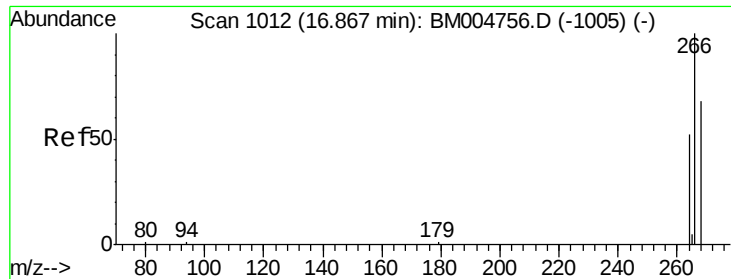


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

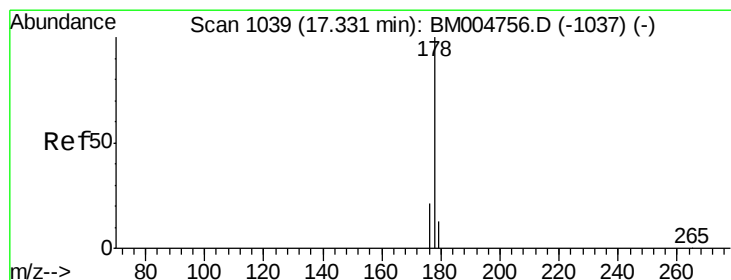
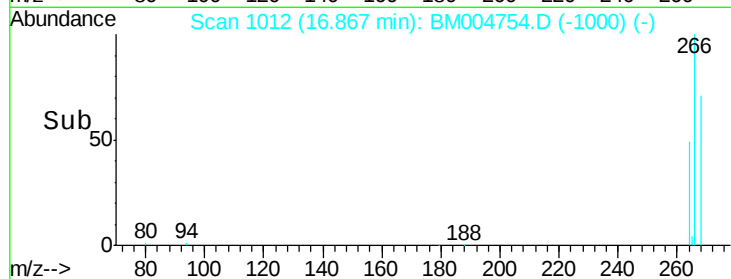
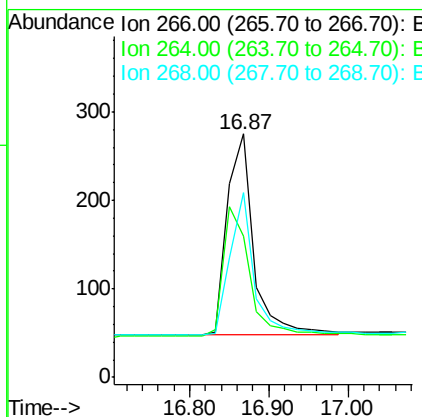
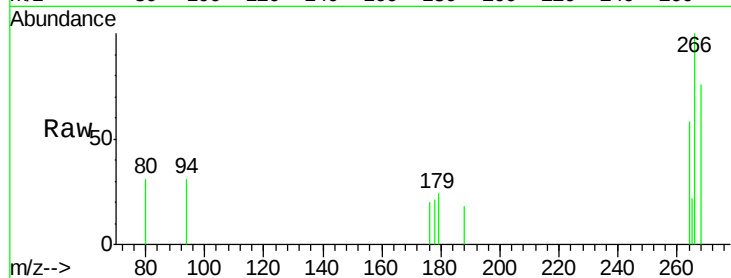




#13
 Pentachlorophenol
 Concen: 0.78 ng/ul
 RT: 16.87 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BM004754.D
 Acq: 24 Mar 2016 13:27

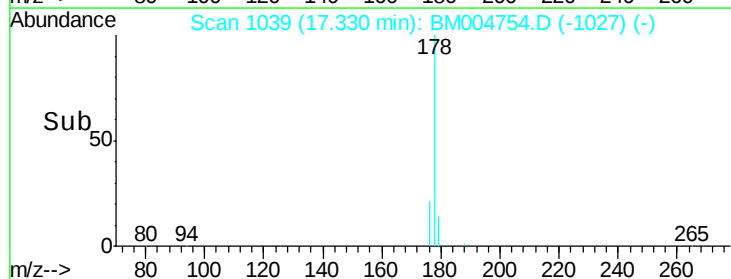
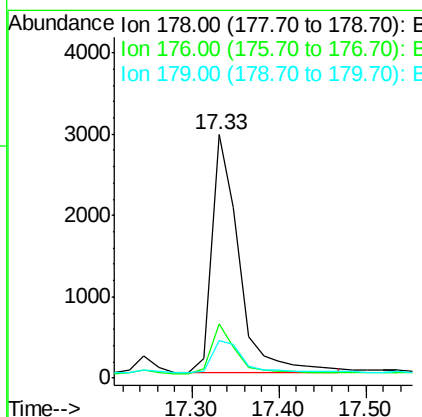
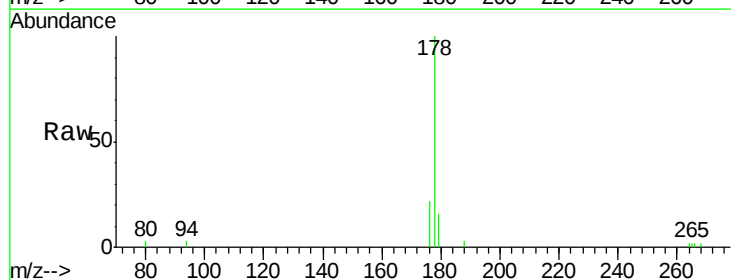
Instrument :
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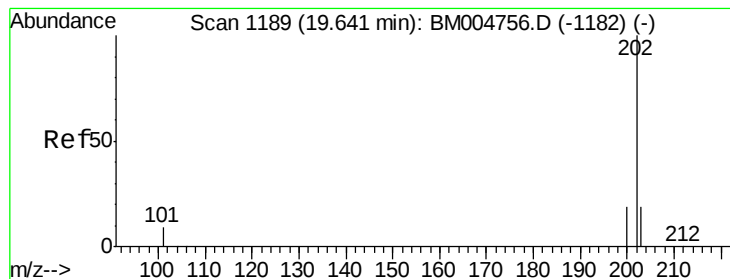
Tot Ion:266 Resp: 528
 Ion Ratio Lower Upper
 266 100
 264 63.8 51.8 77.8
 268 65.0 46.8 70.2



#15
 Anthracene
 Concen: 0.56 ng/ul
 RT: 17.33 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BM004754.D
 Acq: 24 Mar 2016 13:27

Tgt Ion:178 Resp: 6358
 Ion Ratio Lower Upper
 178 100
 176 22.0 14.0 21.0#
 179 15.6 12.9 19.3





#19

Pvrene

Concen: 0.92 ng/ul

RT: 19.63 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BM004754.D

Acq: 24 Mar 2016 13:27

Instrument :

BNA_M

ClientSampleId :

A4T56

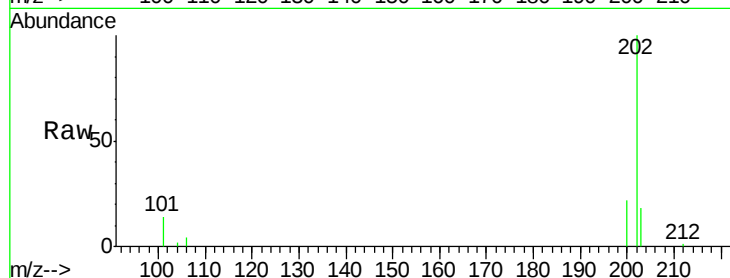
Tot Ion:202 Resp: 14620

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.8

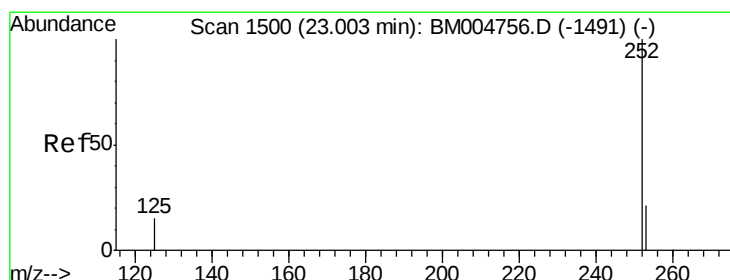
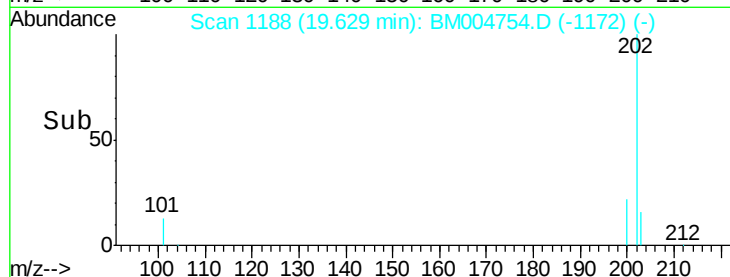
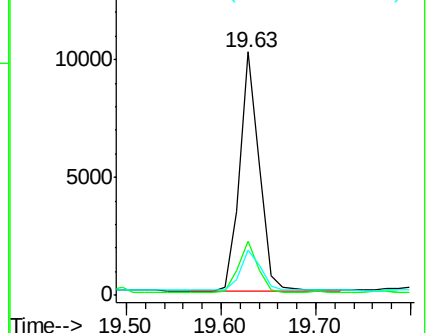
203 18.5 12.8 19.2



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



#23

Benzo(b)fluoranthene

Concen: 0.80 ng/ul

RT: 22.99 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BM004754.D

Acq: 24 Mar 2016 13:27

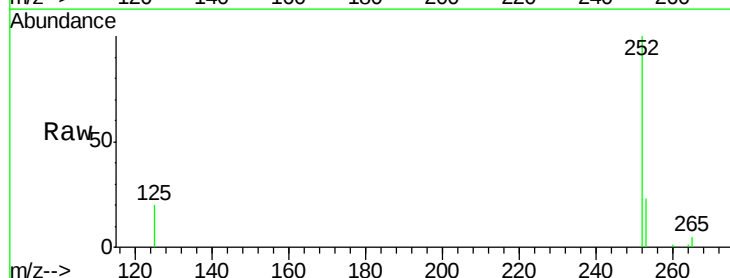
Tgt Ion:252 Resp: 10975

Ion Ratio Lower Upper

252 100

253 23.3 0.0 45.4

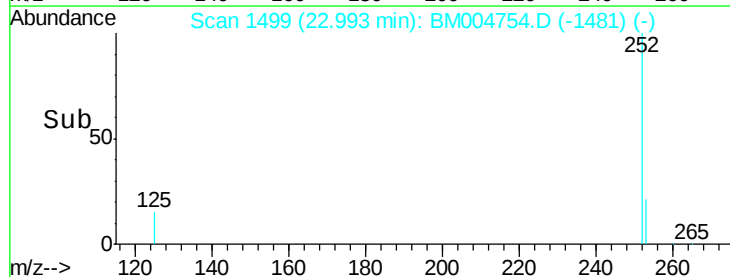
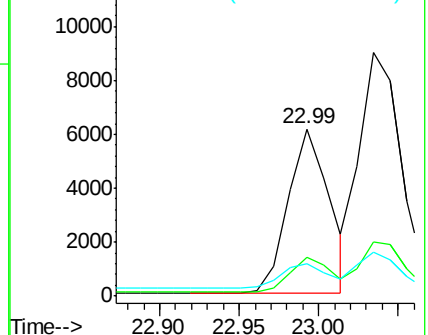
125 19.6 0.0 28.8

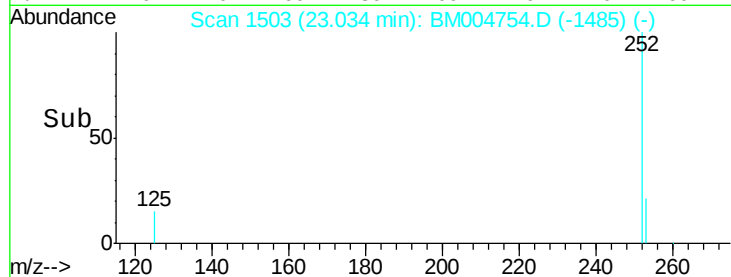
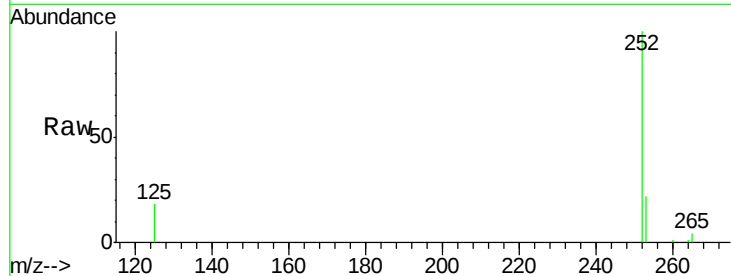
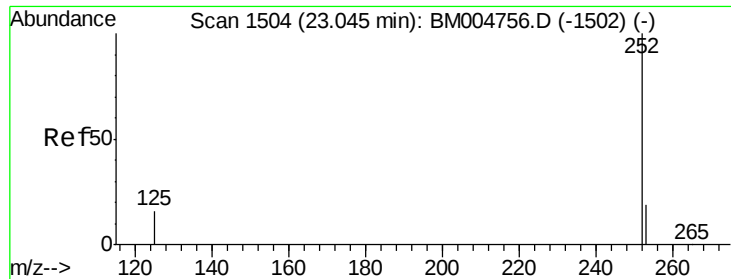


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 1.22 ng/ul

RT: 23.03 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BM004754.D

Acq: 24 Mar 2016 13:27

Instrument :

BNA_M

ClientSampleId :

A4T56

Tot Ion: 252 Resp: 16858

Ion Ratio Lower Upper

252 100

253 22.2 19.8 29.8

125 18.1 10.4 15.6

