

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121715\
 Data File : BM003601.D
 Acq On : 17 Dec 2015 16:16
 Operator : UM/IZ
 Sample : G4734-04MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KW2MSD

Quant Time: Dec 18 00:45:36 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 00:41:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	2557	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	10588	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.35	164	6174	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.19	188	941641	0.40	ng/ul	0.09
18) Chrysene-d12	21.31	240	9653	0.40	ng/ul	0.00
22) Perylene-d12	23.41	264	790566	0.40	ng/ul	-0.15

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	4278	3.91	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.09	152	5331	0.42	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	10736	0.01	ng/ul	0.00

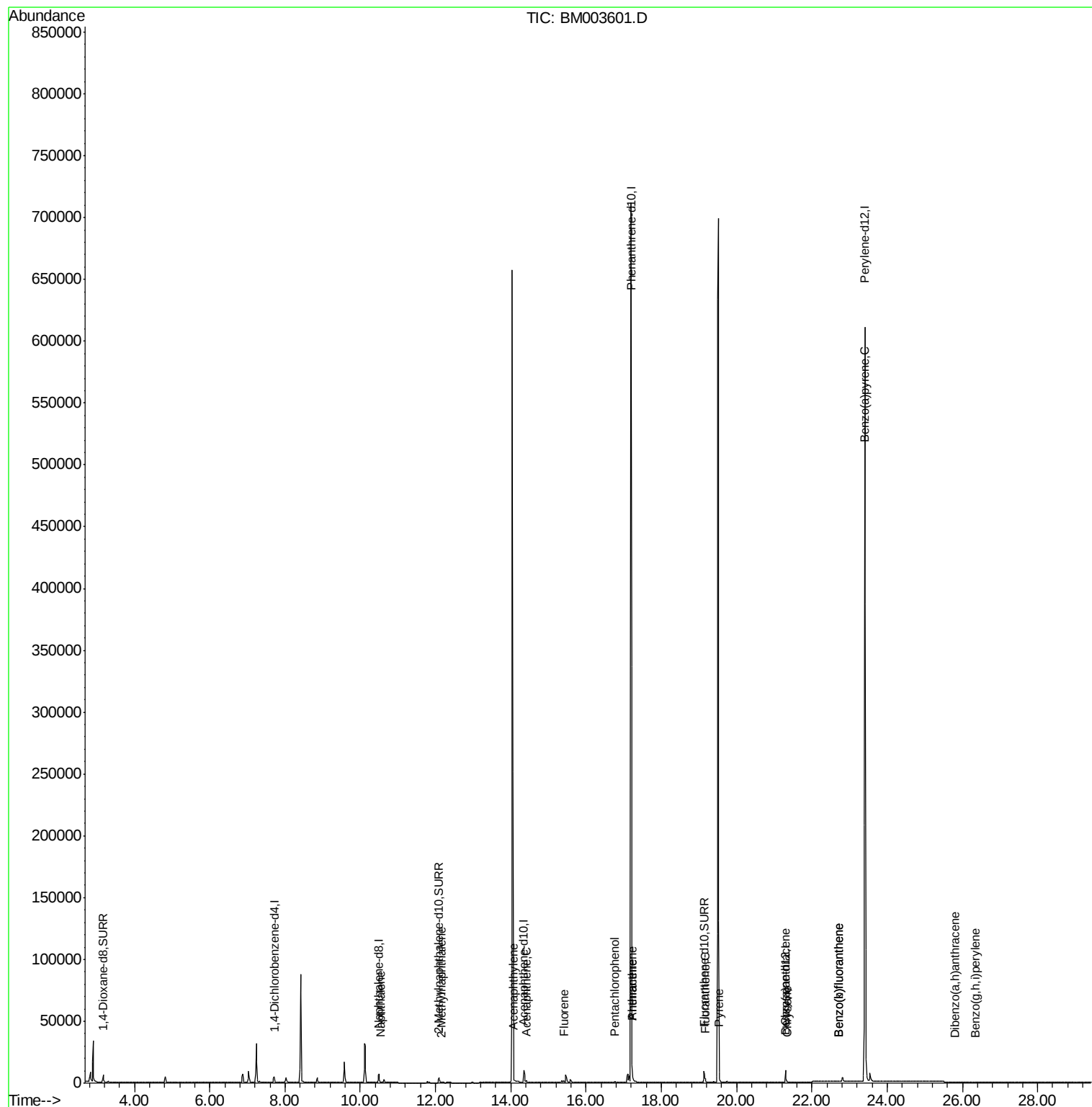
Target Compounds				Qvalue		
5) Naphthalene	10.55	128	822	0.03	ng/ul#	66
7) 2-Methylnaphthalene	12.16	142	223	0.01	ng/ul	89
9) Acenaphthylene	14.07	152	956	0.04	ng/ul#	77
10) Acenaphthene	14.42	153	815	0.04	ng/ul#	89
11) Fluorene	15.41	166	865	0.04	ng/ul#	89
13) Pentachlorophenol	16.76	266	885	0.01	ng/ul	95
14) Phenanthrene	17.23	178	6203	0.00	ng/ul#	94
15) Anthracene	17.23	178	6323	0.00	ng/ul#	94
17) Fluoranthene	19.17	202	4020	0.00	ng/ul	92
19) Pyrene	19.54	202	4554	0.17	ng/ul#	93
20) Benzo(a)anthracene	21.29	228	681	0.03	ng/ul#	62
21) Chrysene	21.34	228	595	0.02	ng/ul#	61
23) Benzo(b)fluoranthene	22.73	252	49	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.73	252	49	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.40	252	3206	0.00	ng/ul#	59
27) Dibenzo(a,h)anthracene	25.80	278	1476	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.33	276	9	0.00	ng/ul#	1

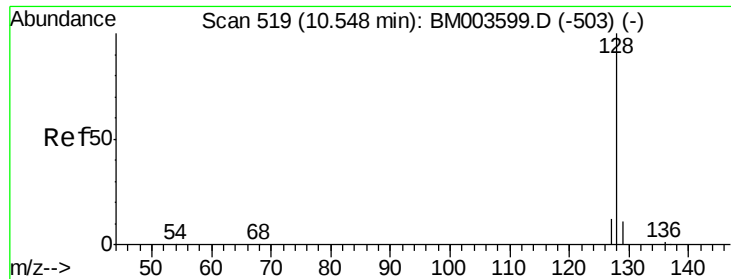
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121715\
Data File : BM003601.D
Acq On : 17 Dec 2015 16:16
Operator : UM/IZ
Sample : G4734-04MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4KW2MSD

Quant Time: Dec 18 00:45:36 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 00:41:46 2015
Response via : Initial Calibration

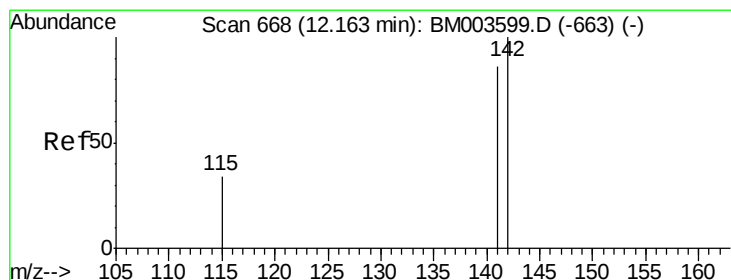
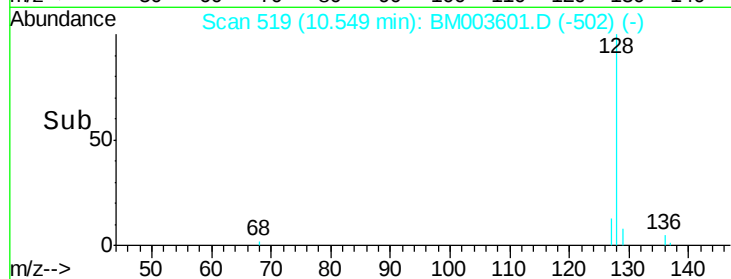
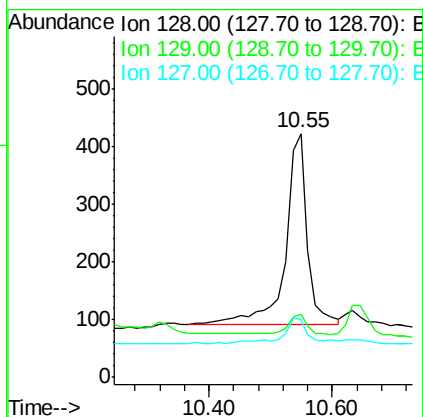
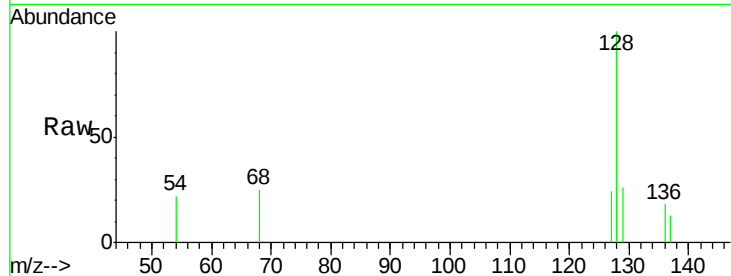




#5
Naphthalene
Concen: 0.03 ng/ul
RT: 10.55 min Scan# 519
Delta R.T. 0.00 min
Lab File: BM003601.D
Acq: 17 Dec 2015 16:16

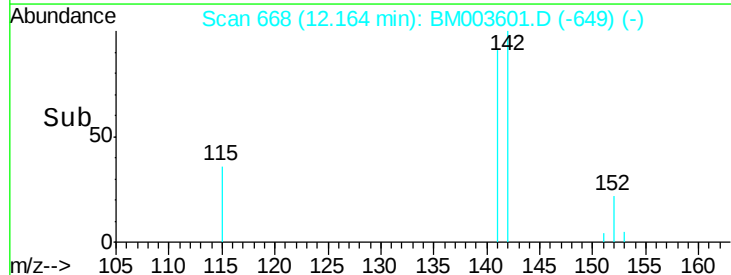
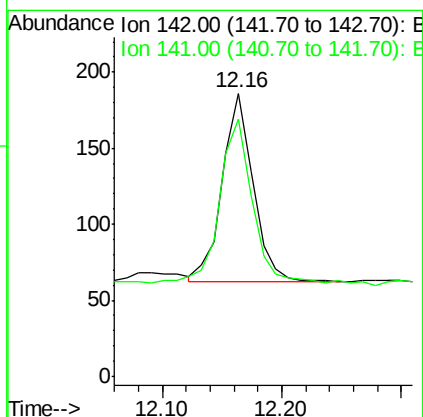
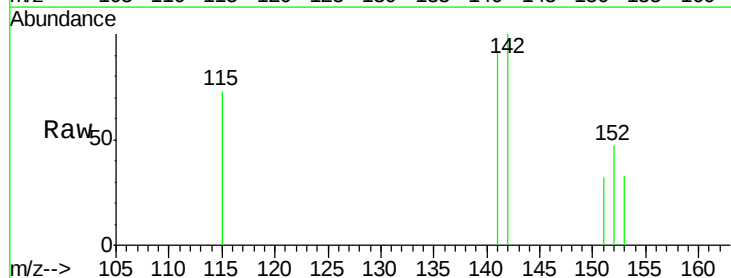
Instrument :
BNA_M
ClientSampleId :
A4KW2MSD

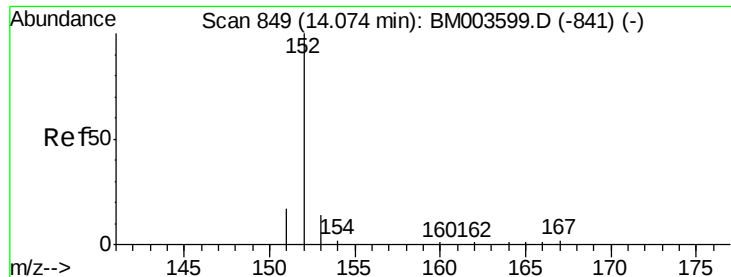
Tgt Ion:128 Resp: 822
Ion Ratio Lower Upper
128 100
129 26.0 9.0 13.6#
127 23.9 9.6 14.4#



#7
2-Methylnaphthalene
Concen: 0.01 ng/ul
RT: 12.16 min Scan# 668
Delta R.T. 0.00 min
Lab File: BM003601.D
Acq: 17 Dec 2015 16:16

Tgt Ion:142 Resp: 223
Ion Ratio Lower Upper
142 100
141 98.2 70.3 105.5





#9

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. 0.00 min

Lab File: BM003601.D

Acq: 17 Dec 2015 16:16

Instrument :

BNA_M

ClientSampleId :

A4KW2MSD

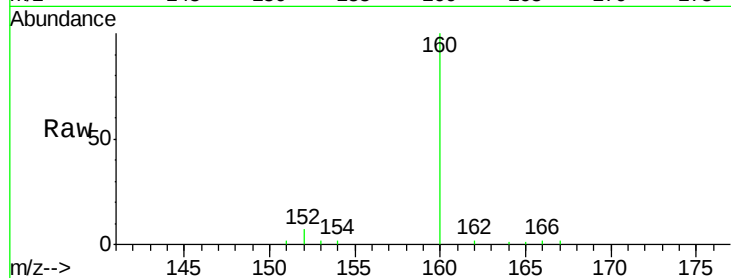
Tgt Ion:152 Resp: 956

Ion Ratio Lower Upper

152 100

151 28.6 17.6 26.4#

153 27.6 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

14.07

400

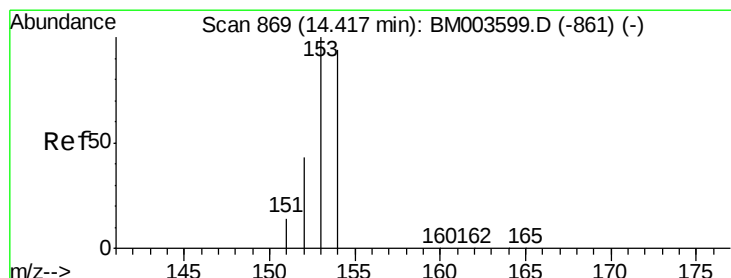
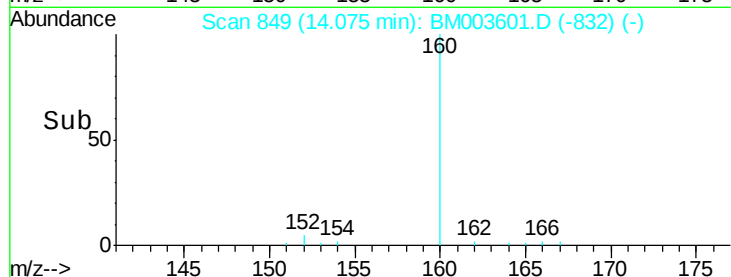
300

200

100

0

Time-->



#10

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM003601.D

Acq: 17 Dec 2015 16:16

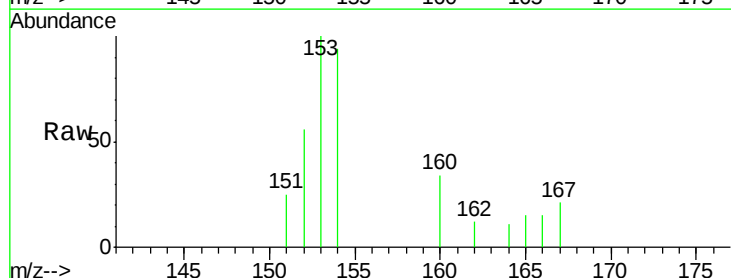
Tgt Ion:153 Resp: 815

Ion Ratio Lower Upper

153 100

152 56.2 33.9 50.9#

154 94.2 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

14.42

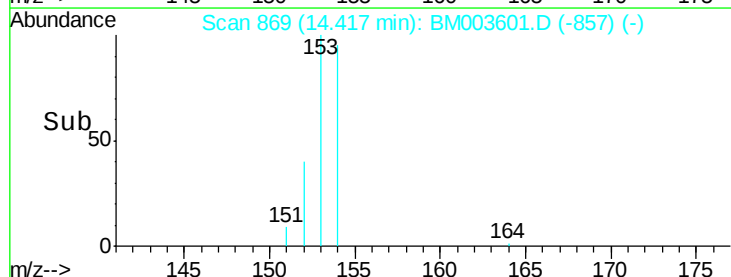
600

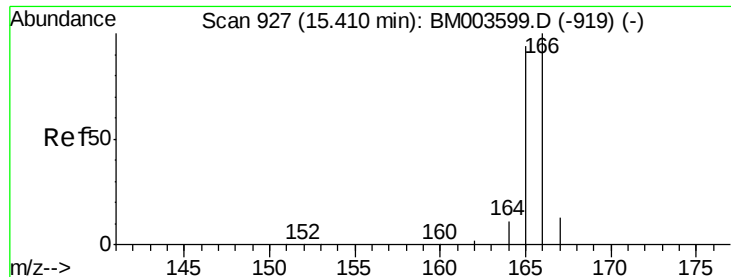
400

200

0

Time-->

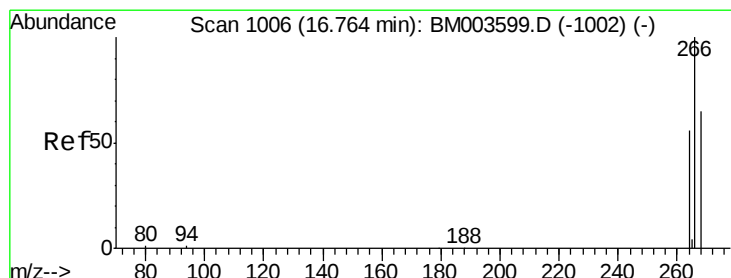
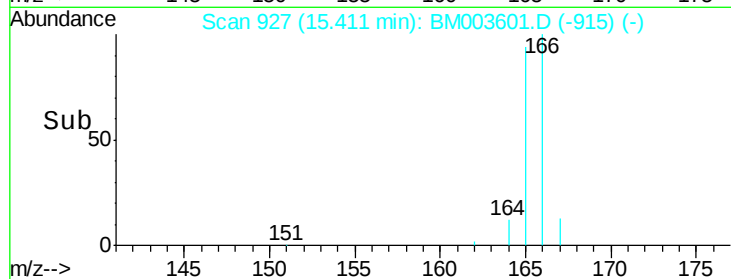
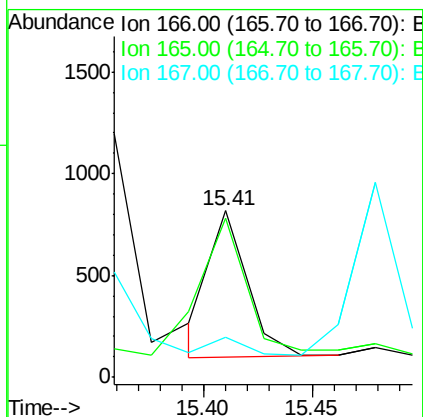
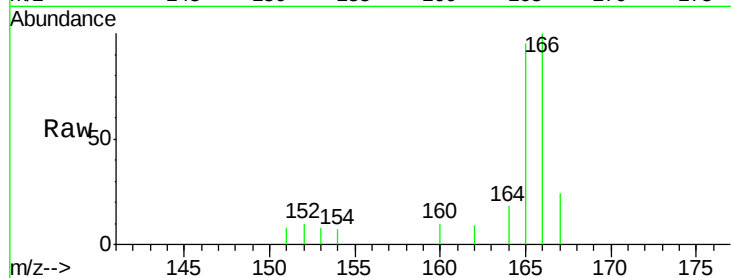




#11
 Fluorene
 Concen: 0.04 ng/ul
 RT: 15.41 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BM003601.D
 Acq: 17 Dec 2015 16:16

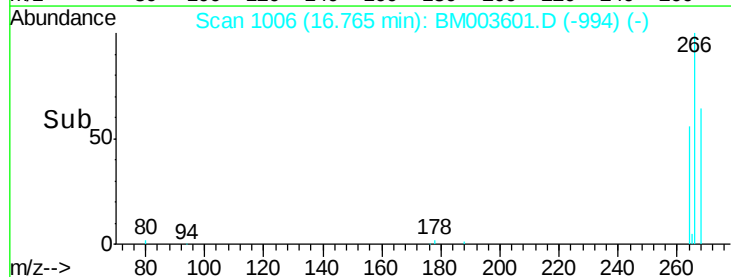
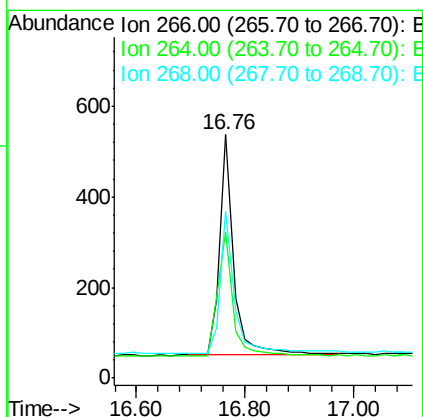
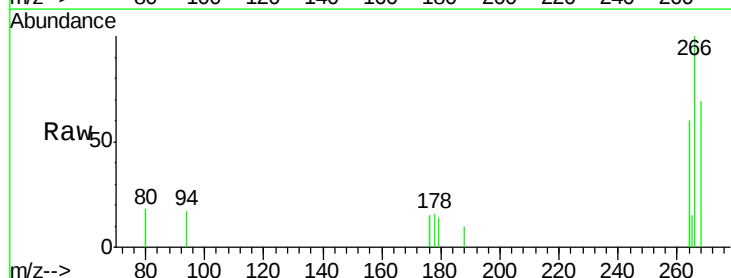
Instrument :
 BNA_M
 ClientSampleId :
 A4KW2MSD

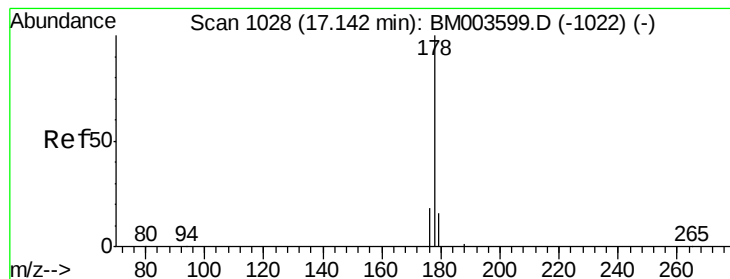
Tgt Ion:166 Resp: 865
 Ion Ratio Lower Upper
 166 100
 165 95.3 69.6 104.4
 167 23.7 11.9 17.9#



#13
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 16.76 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BM003601.D
 Acq: 17 Dec 2015 16:16

Tgt Ion:266 Resp: 885
 Ion Ratio Lower Upper
 266 100
 264 63.1 51.8 77.8
 268 64.0 46.8 70.2





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1033

Delta R.T. 0.09 min

Lab File: BM003601.D

Acq: 17 Dec 2015 16:16

Instrument :

BNA_M

ClientSampleId :

A4KW2MSD

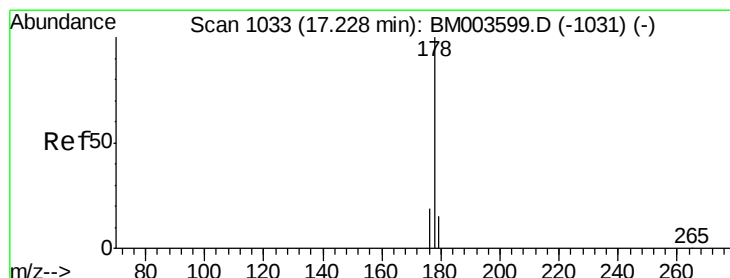
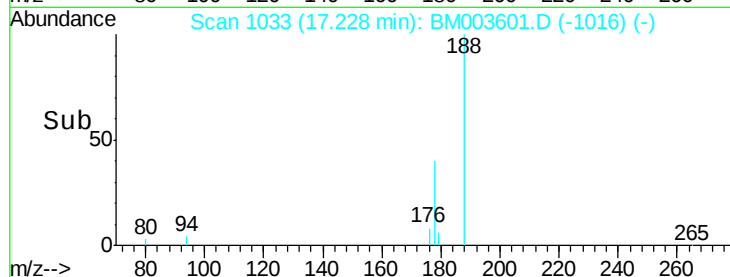
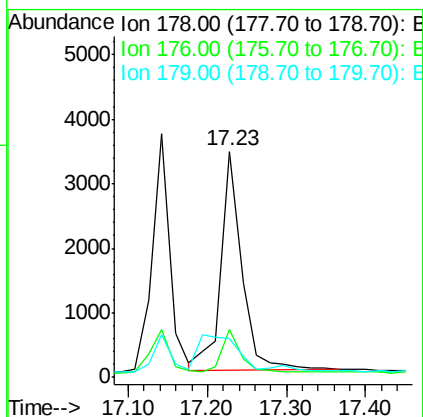
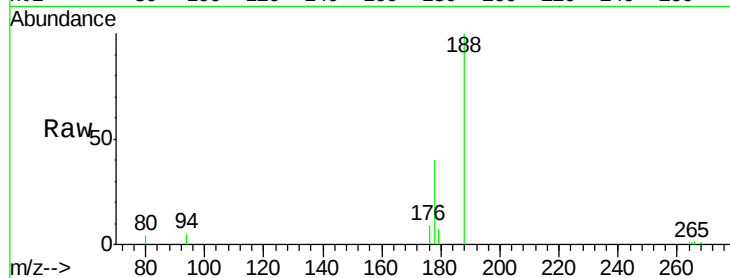
Tgt Ion:178 Resp: 6203

Ion Ratio Lower Upper

178 100

176 21.2 13.0 19.4#

179 17.1 14.2 21.2



#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BM003601.D

Acq: 17 Dec 2015 16:16

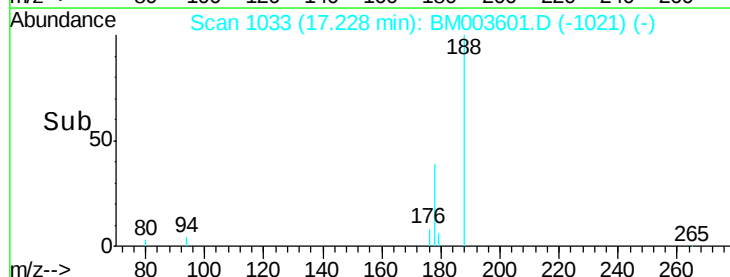
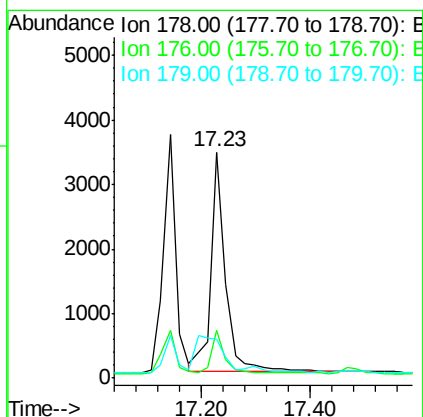
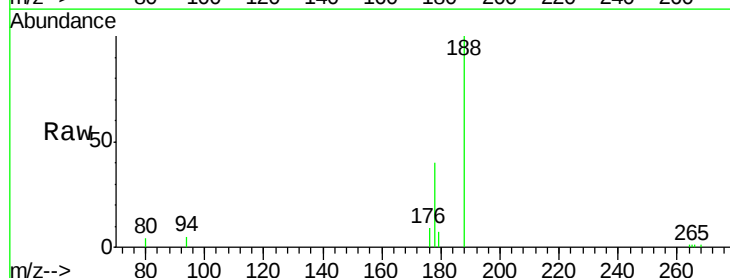
Tgt Ion:178 Resp: 6323

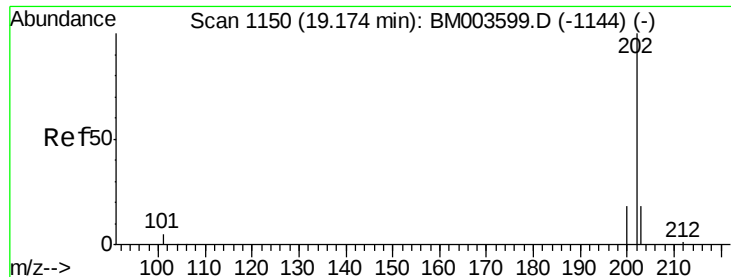
Ion Ratio Lower Upper

178 100

176 21.2 14.0 21.0#

179 17.1 12.9 19.3





#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.17 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BM003601.D

Acq: 17 Dec 2015 16:16

Instrument :

BNA_M

ClientSampleId :

A4KW2MSD

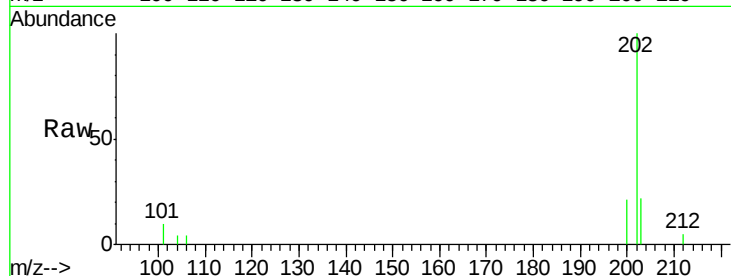
Tgt Ion:202 Resp: 4020

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.6

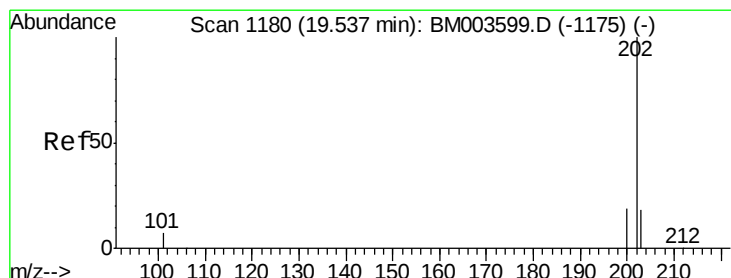
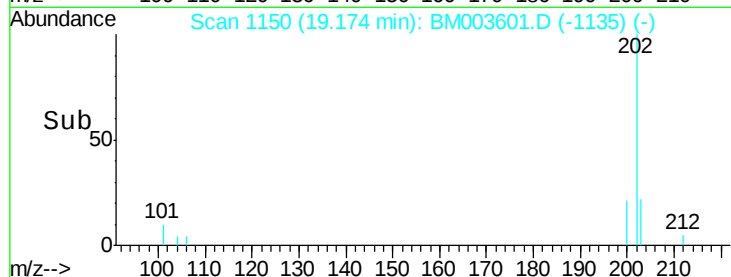
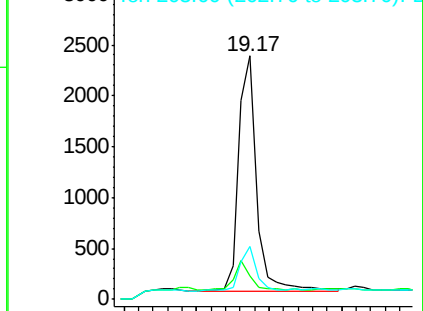
203 21.7 0.0 36.3



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: 0.17 ng/ul

RT: 19.54 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BM003601.D

Acq: 17 Dec 2015 16:16

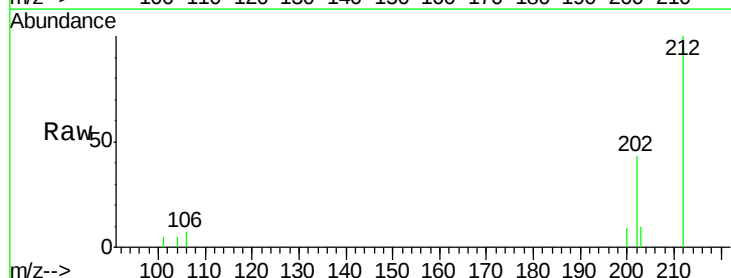
Tgt Ion:202 Resp: 4554

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.8

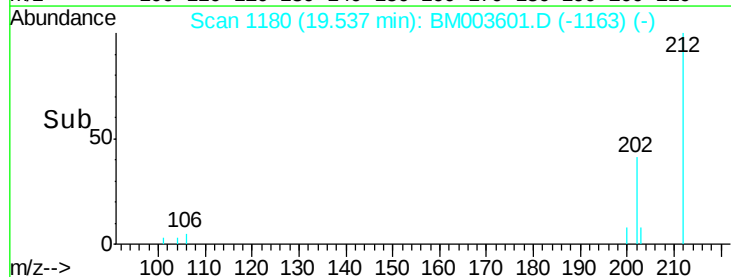
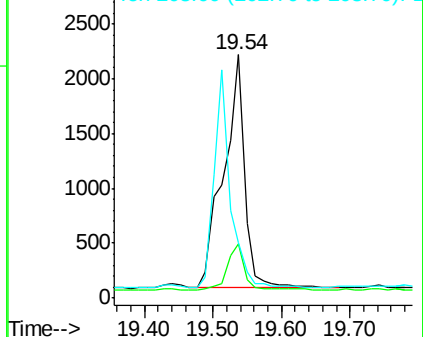
203 22.6 12.8 19.2#

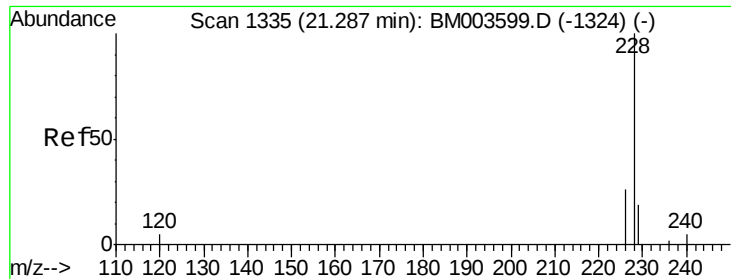


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.03 ng/u1

RT: 21.29 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BM003601.D

Acq: 17 Dec 2015 16:16

Instrument :

BNA_M

ClientSampleId :

A4KW2MSD

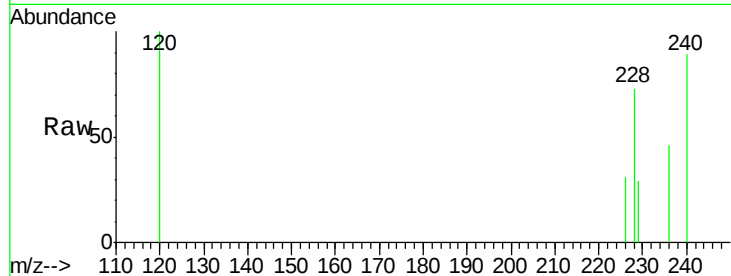
Tgt Ion:228 Resp: 681

Ion Ratio Lower Upper

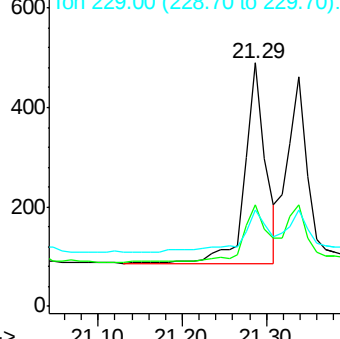
228 100

226 41.8 18.8 28.2#

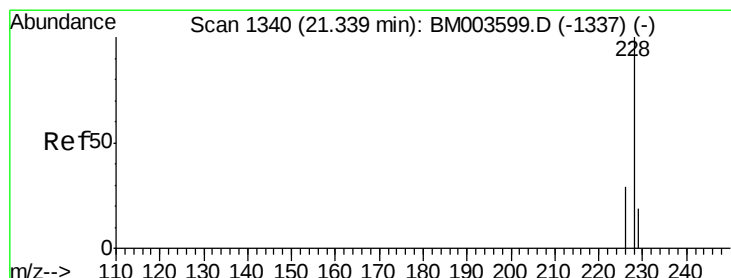
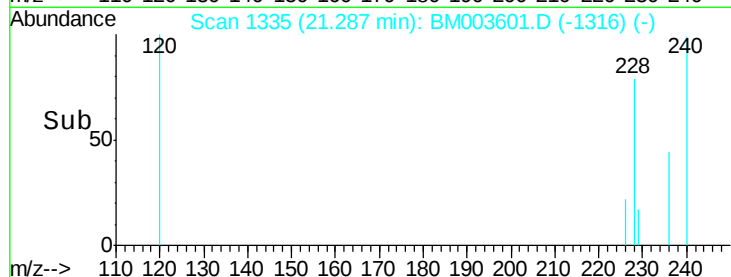
229 39.4 17.1 25.7#



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



Time-->



#21

Chrysene

Concen: 0.02 ng/u1

RT: 21.34 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BM003601.D

Acq: 17 Dec 2015 16:16

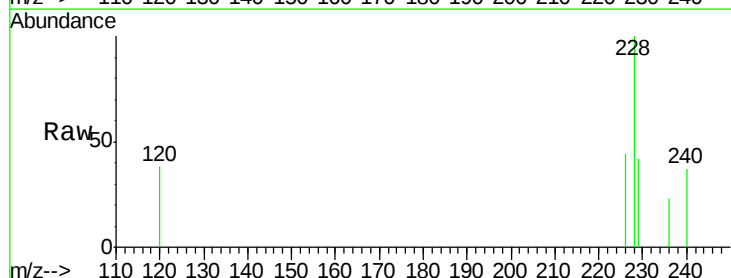
Tgt Ion:228 Resp: 595

Ion Ratio Lower Upper

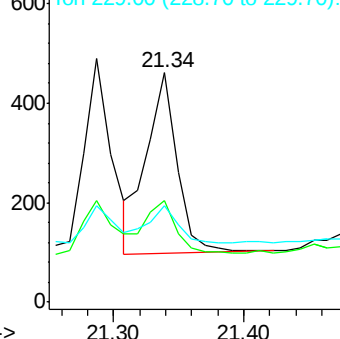
228 100

226 44.5 21.2 31.8#

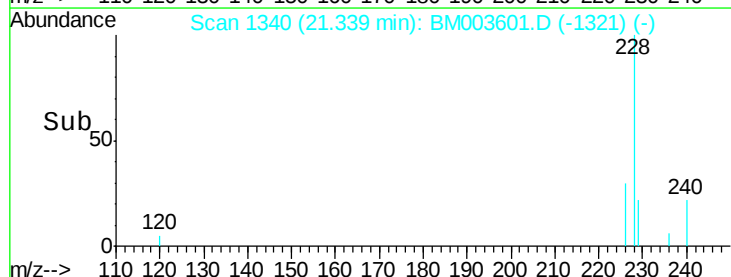
229 41.9 17.0 25.6#

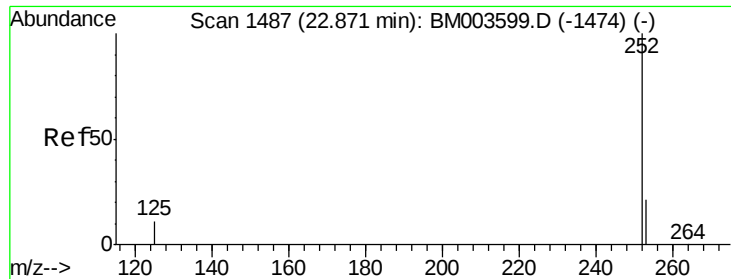


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.73 min Scan# 1473

Delta R.T. -0.15 min

Lab File: BM003601.D

Acq: 17 Dec 2015 16:16

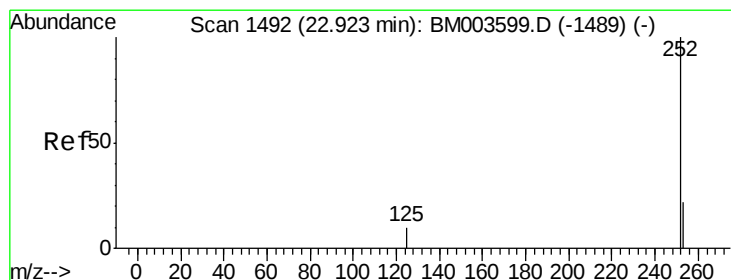
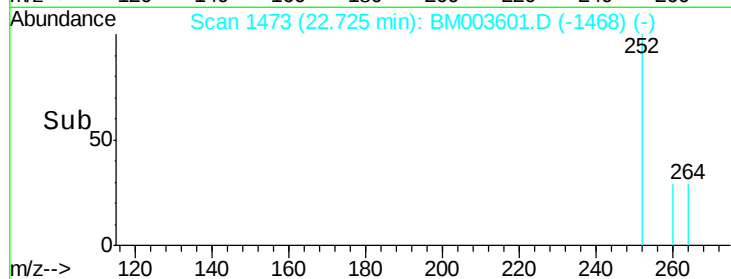
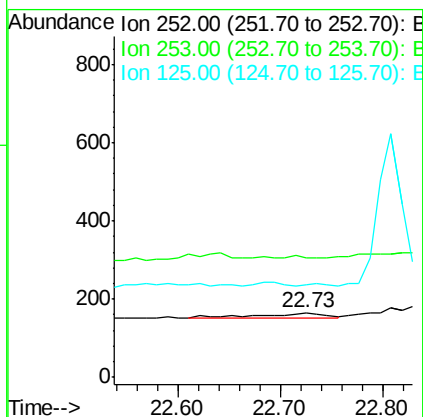
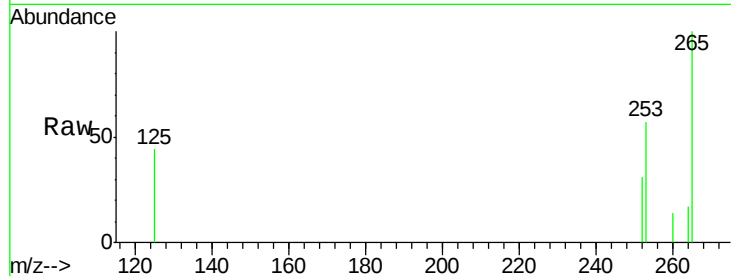
Instrument :

BNA_M

ClientSampleId :

A4KW2MSD

Tgt Ion:	252	Resp:	49
Ion Ratio	Lower	Upper	
252	100		
253	185.5	0.0	45.4#
125	143.6	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

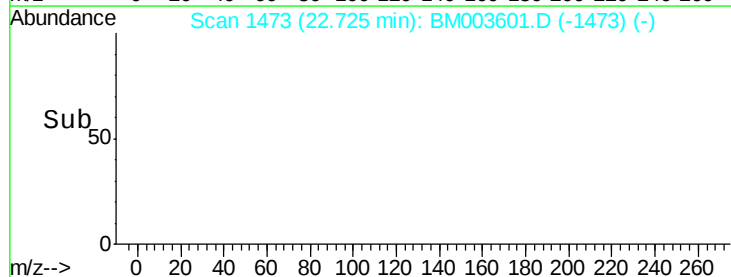
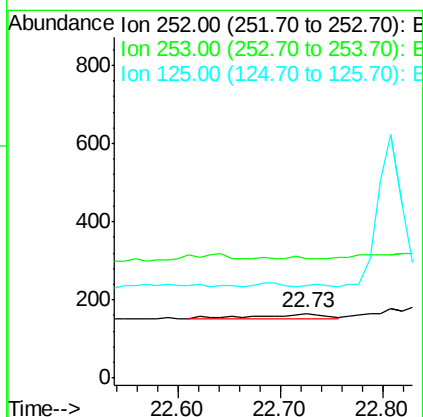
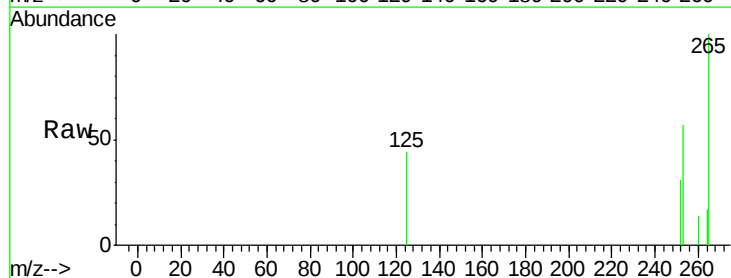
RT: 22.73 min Scan# 1473

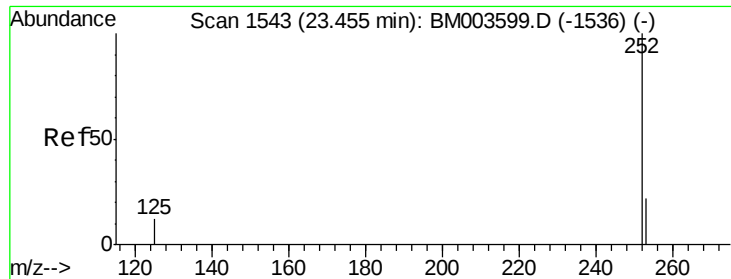
Delta R.T. -0.20 min

Lab File: BM003601.D

Acq: 17 Dec 2015 16:16

Tgt Ion:	252	Resp:	49
Ion Ratio	Lower	Upper	
252	100		
253	185.5	19.8	29.8#
125	143.6	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.40 min Scan# 1538

Delta R.T. -0.05 min

Lab File: BM003601.D

Acq: 17 Dec 2015 16:16

Instrument :

BNA_M

ClientSampleId :

A4KW2MSD

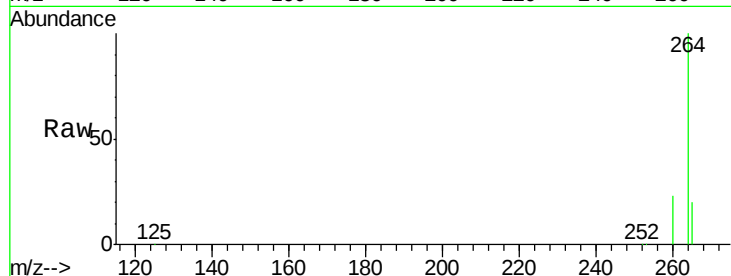
Tgt Ion: 252 Resp: 3206

Ion Ratio Lower Upper

252 100

253 41.1 19.4 29.2#

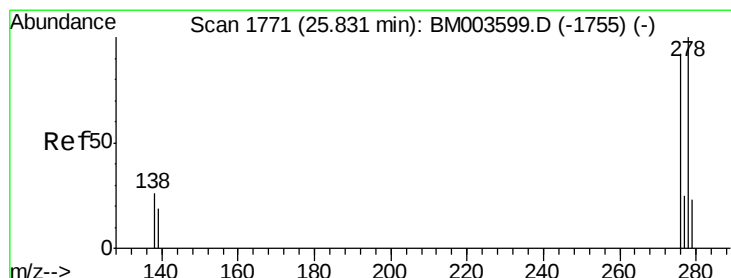
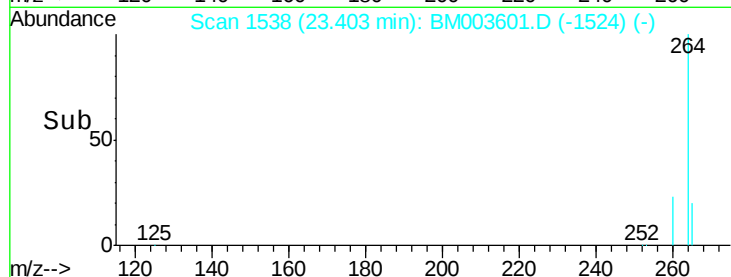
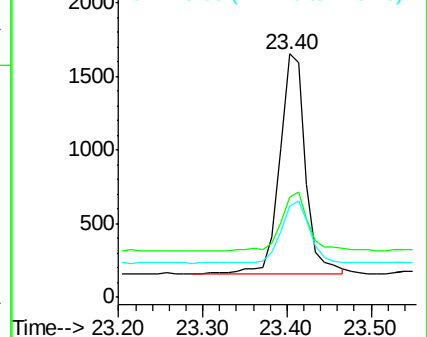
125 37.4 12.7 19.1#



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: 25.80 min Scan# 1768

Delta R.T. -0.03 min

Lab File: BM003601.D

Acq: 17 Dec 2015 16:16

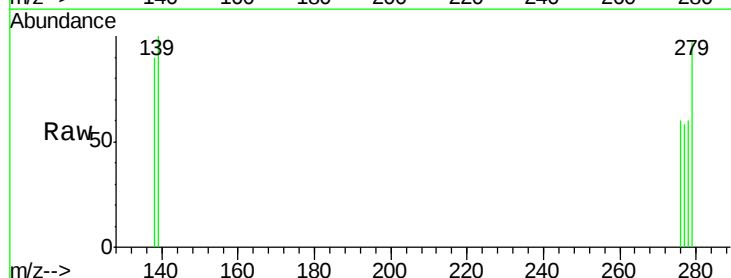
Tgt Ion: 278 Resp: 1476

Ion Ratio Lower Upper

278 100

139 166.7 16.4 24.6#

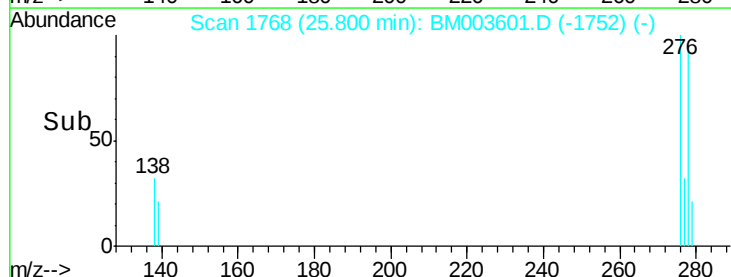
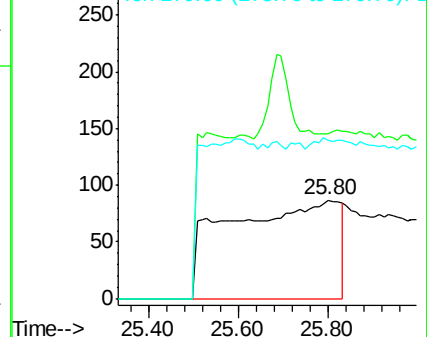
279 160.9 20.2 30.2#

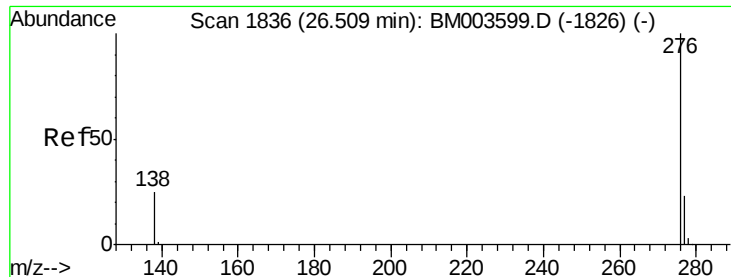


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.33 min Scan# 1819

Delta R.T. -0.18 min

Lab File: BM003601.D

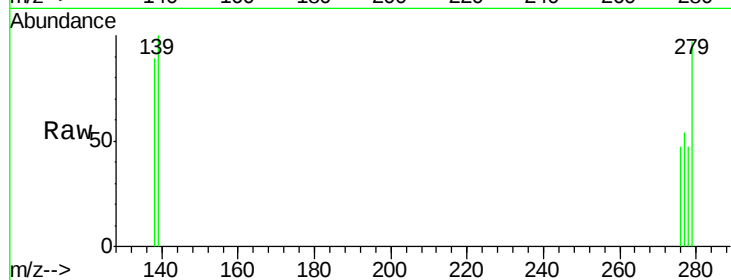
Acq: 17 Dec 2015 16:16

Instrument :

BNA_M

ClientSampleId :

A4KW2MSD



Tgt Ion: 276 Resp: 9

Ion Ratio Lower Upper

276 100

277 114.9 18.9 28.3#

138 188.1 22.5 33.7#

