

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121515\
 Data File : BM003571.D
 Acq On : 16 Dec 2015 04:43
 Operator : UM/IZ
 Sample : G4734-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KY2

Quant Time: Dec 16 05:59:40 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 : Wed Dec 16 05:49:57 2015
 Response via : Initial Calibration

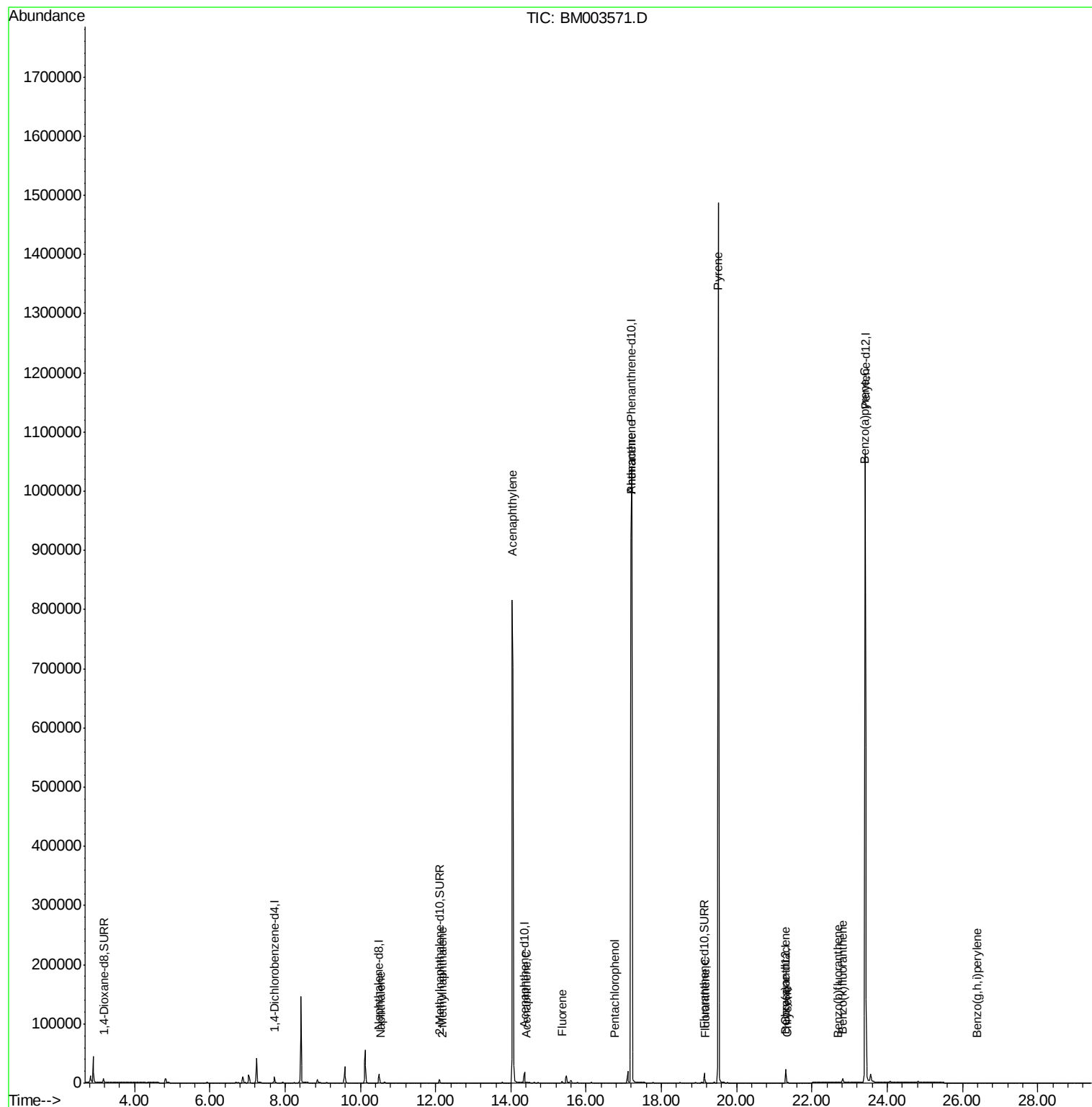
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	5078	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	20972	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	12279	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	1711747	0.40	ng/ul	0.10
18) Chrysene-d12	21.30	240	23921	0.40	ng/ul	-0.01
22) Perylene-d12	23.42	264	1461316	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	6345	2.92	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.10	152	8239	0.33	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	19127	0.01	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.55	128	417	0.01	ng/ul#	51
7) 2-Methylnaphthalene	12.17	142	86	0.00	ng/ul	93
9) Acenaphthylene	14.04	152	147	0.00	ng/ul#	1
10) Acenaphthene	14.42	153	80	0.00	ng/ul#	75
11) Fluorene	15.36	166	3215	0.08	ng/ul#	19
13) Pentachlorophenol	16.76	266	90	0.00	ng/ul	95
14) Phenanthrene	17.19	178	917	0.00	ng/ul#	1
15) Anthracene	17.19	178	911	0.00	ng/ul#	1
17) Fluoranthene	19.17	202	413	0.00	ng/ul#	43
19) Pyrene	19.51	202	3551	0.05	ng/ul#	1
20) Benzo(a)anthracene	21.29	228	403	0.01	ng/ul#	56
21) Chrysene	21.35	228	1501	0.02	ng/ul#	86
23) Benzo(b)fluoranthene	22.69	252	29	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.82	252	55	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.41	252	5780	0.00	ng/ul#	67
28) Benzo(g,h,i)perylene	26.38	276	4	0.00	ng/ul#	1

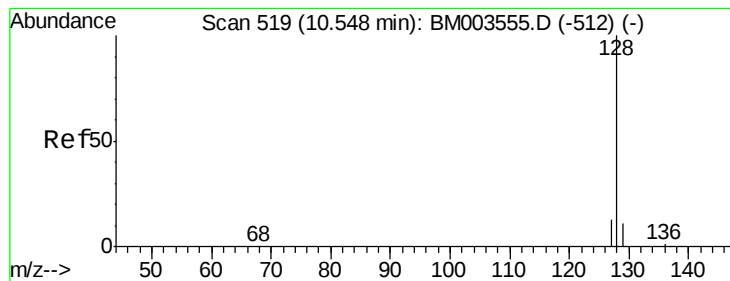
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121515\
Data File : BM003571.D
Acq On : 16 Dec 2015 04:43
Operator : UM/IZ
Sample : G4734-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4KY2

Quant Time: Dec 16 05:59:40 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 : Wed Dec 16 05:49:57 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.01 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. 0.00 min

Lab File: BM003571.D

Acq: 16 Dec 2015 04:43

Instrument :

BNA_M

ClientSampleId :

A4KY2

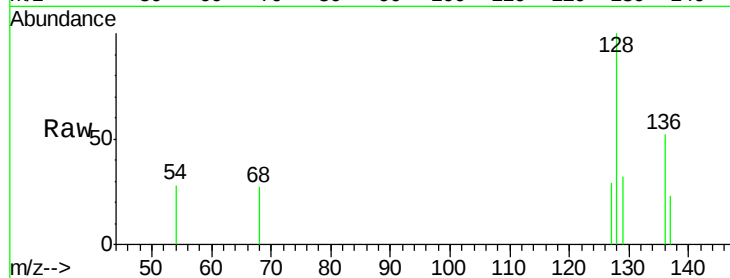
Tgt Ion:128 Resp: 417

Ion Ratio Lower Upper

128 100

129 32.0 9.0 13.6#

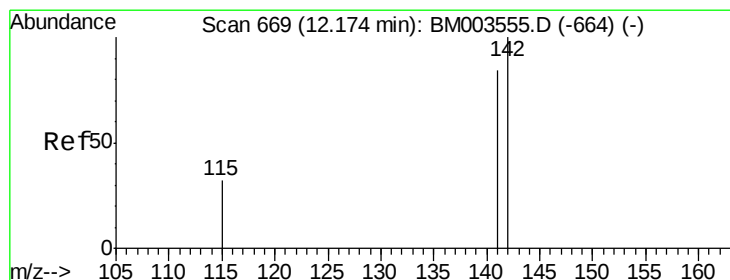
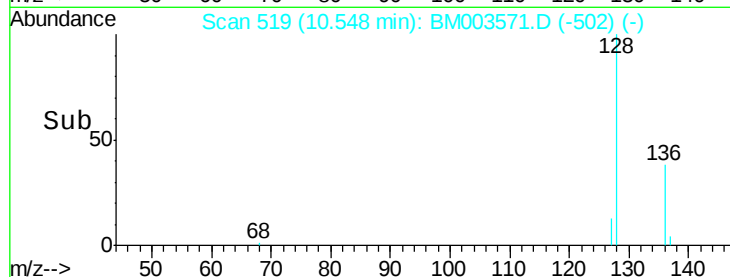
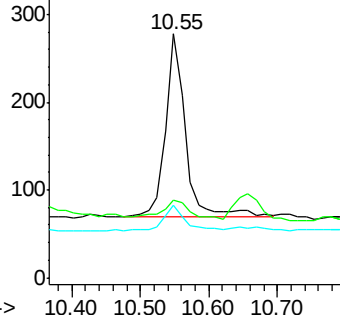
127 29.5 9.6 14.4#



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: 0.00 ng/ul

RT: 12.17 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM003571.D

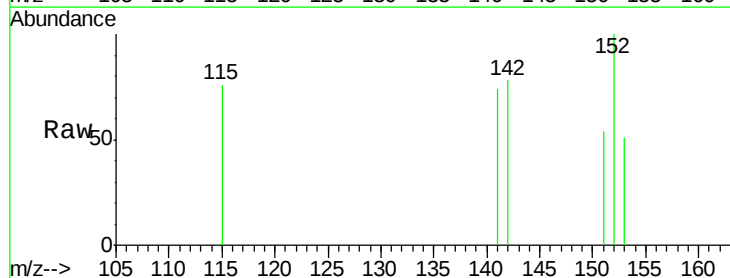
Acq: 16 Dec 2015 04:43

Tgt Ion:142 Resp: 86

Ion Ratio Lower Upper

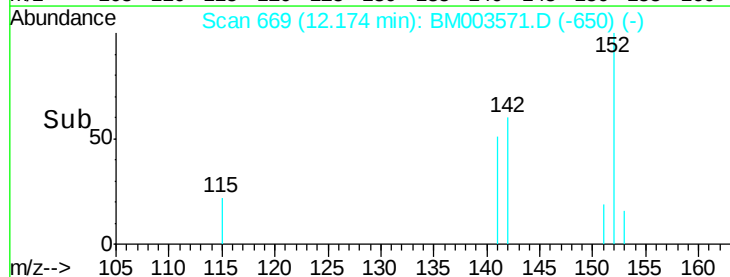
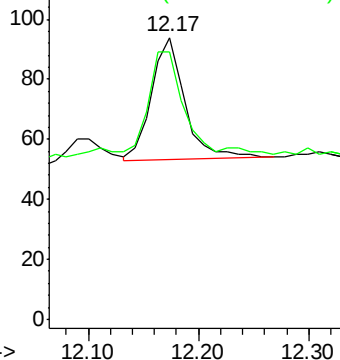
142 100

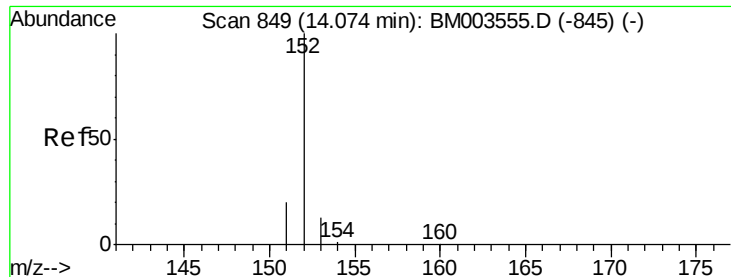
141 94.2 70.3 105.5



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: 14.04 min Scan# 847

Delta R.T. -0.03 min

Lab File: BM003571.D

Acq: 16 Dec 2015 04:43

Instrument :

BNA_M

ClientSampleId :

A4KY2

Tgt Ion:152 Resp: 147

Ion Ratio Lower Upper

152 100

151 54.6 17.6 26.4#

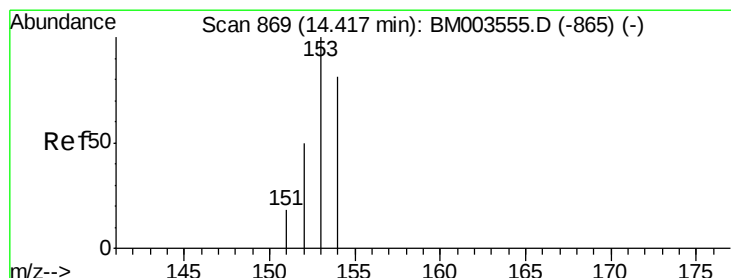
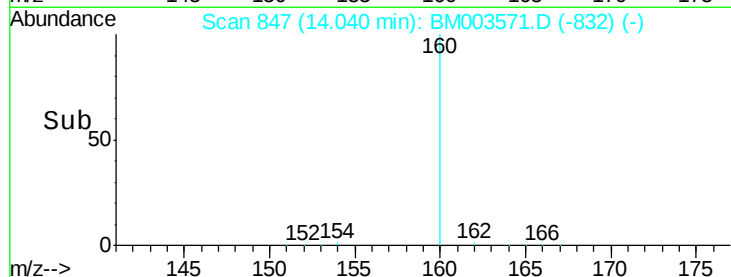
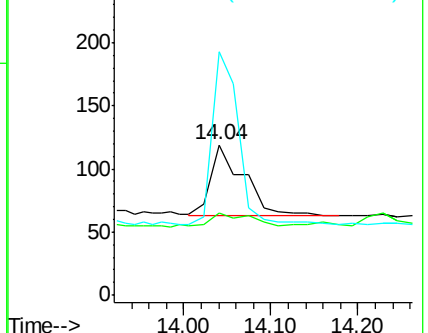
153 162.2 9.7 14.5#



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: 0.00 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM003571.D

Acq: 16 Dec 2015 04:43

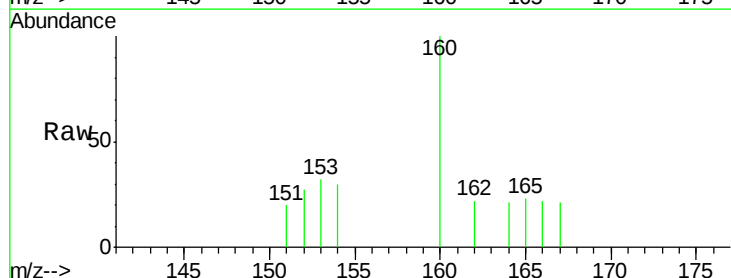
Tgt Ion:153 Resp: 80

Ion Ratio Lower Upper

153 100

152 85.7 33.9 50.9#

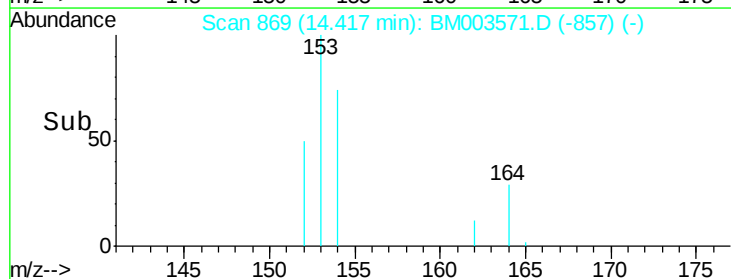
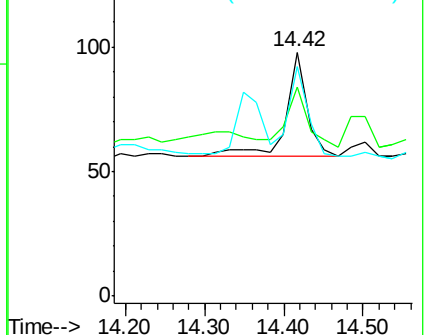
154 93.9 80.6 121.0

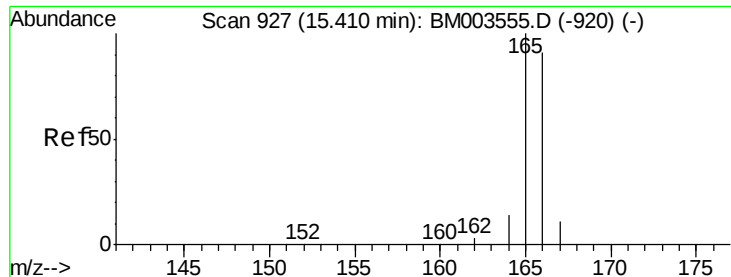


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

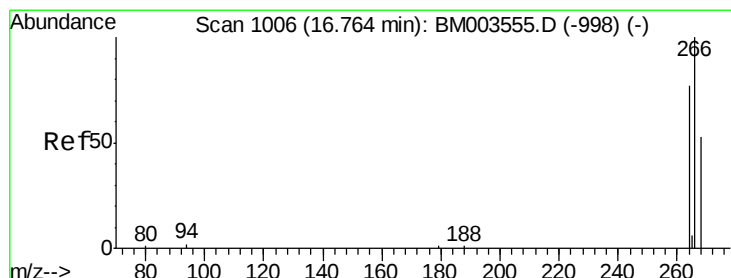
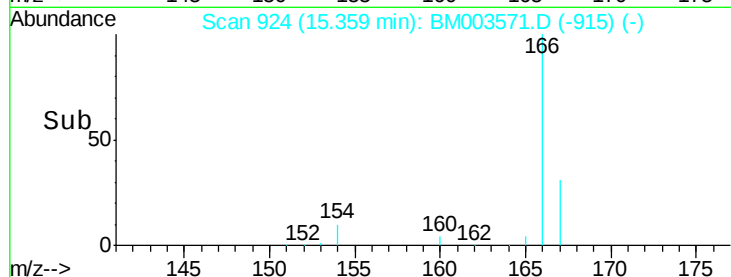
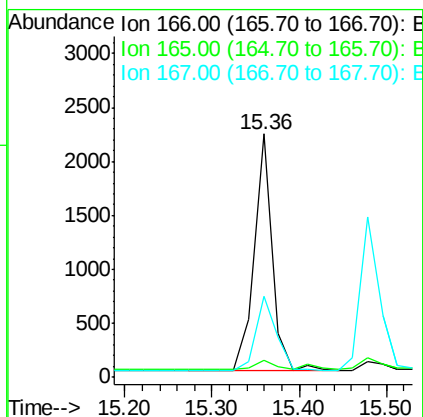
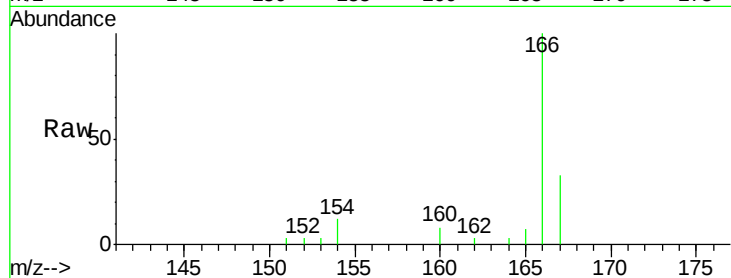




#11
Fluorene
 Concen: 0.08 ng/ul
 RT: 15.36 min Scan# 924
 Delta R.T. -0.05 min
 Lab File: BM003571.D
 Acq: 16 Dec 2015 04:43

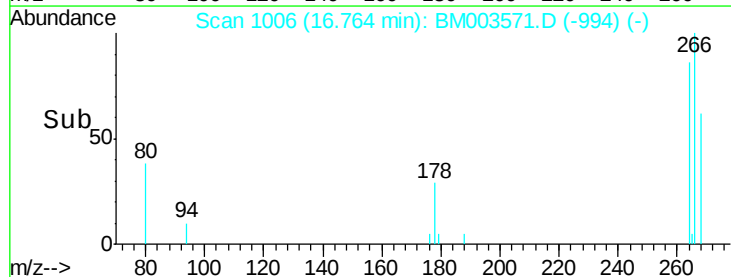
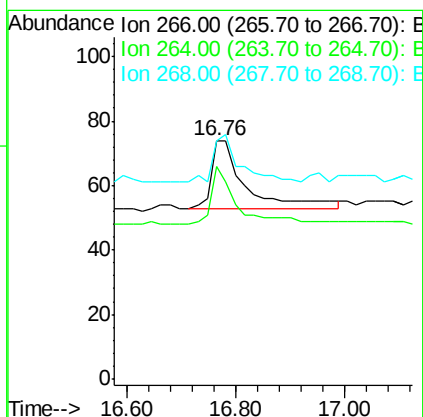
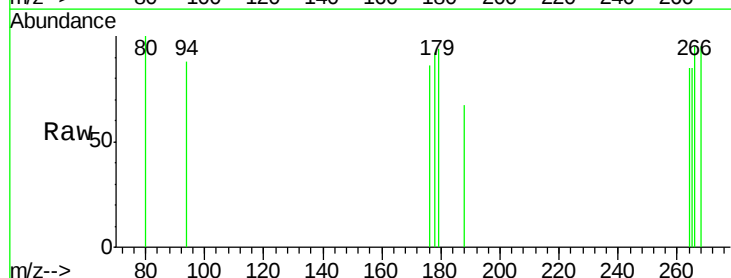
Instrument :
 BNA_M
 ClientSampleId :
 A4KY2

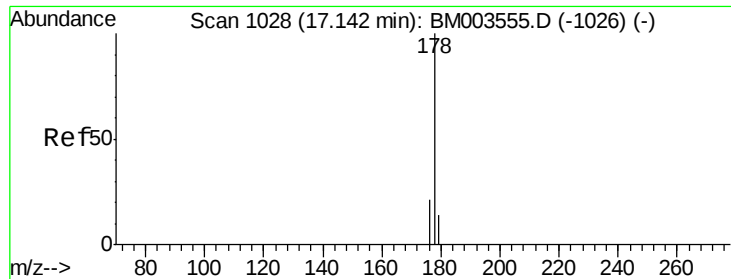
Tgt Ion:166 Resp: 3215
 Ion Ratio Lower Upper
 166 100
 165 6.7 69.6 104.4#
 167 33.0 11.9 17.9#



#13
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.76 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BM003571.D
 Acq: 16 Dec 2015 04:43

Tgt Ion:266 Resp: 90
 Ion Ratio Lower Upper
 266 100
 264 68.9 51.8 77.8
 268 55.6 46.8 70.2





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.19 min Scan# 1031

Delta R.T. 0.05 min

Lab File: BM003571.D

Acq: 16 Dec 2015 04:43

Instrument :

BNA_M

ClientSampleId :

A4KY2

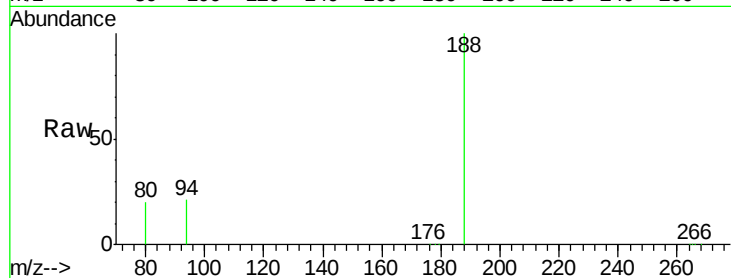
Tgt Ion:178 Resp: 917

Ion Ratio Lower Upper

178 100

176 17.5 13.0 19.4

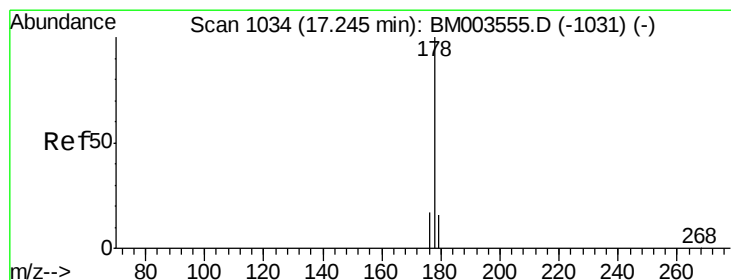
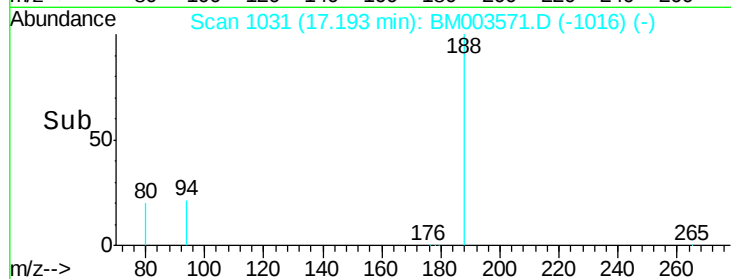
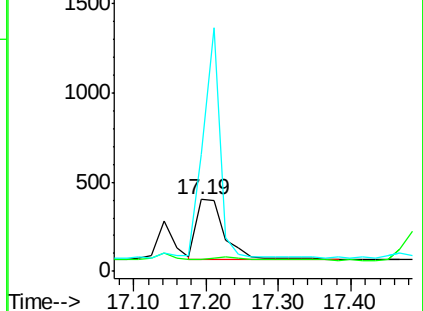
179 162.6 14.2 21.2#



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: 17.19 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BM003571.D

Acq: 16 Dec 2015 04:43

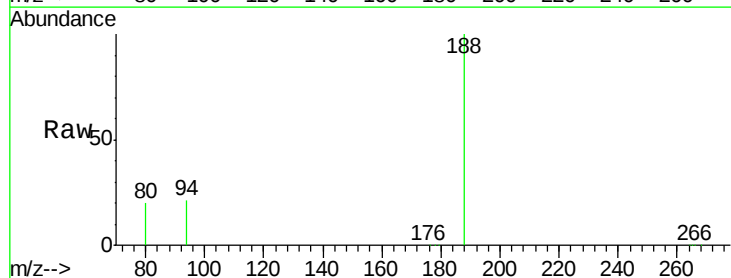
Tgt Ion:178 Resp: 911

Ion Ratio Lower Upper

178 100

176 17.5 14.0 21.0

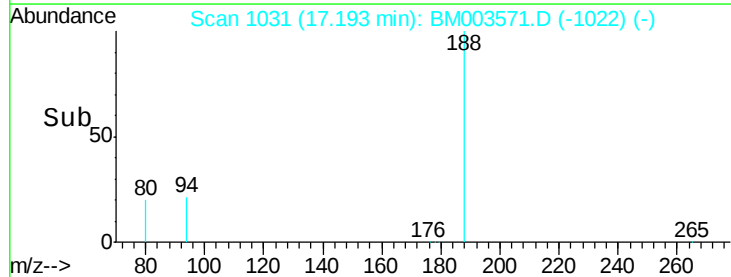
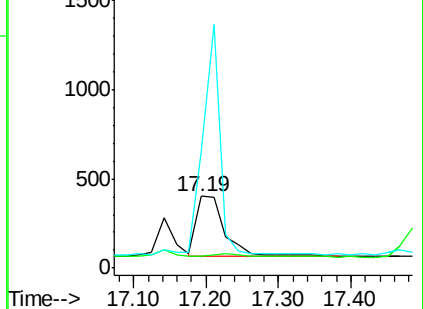
179 162.6 12.9 19.3#

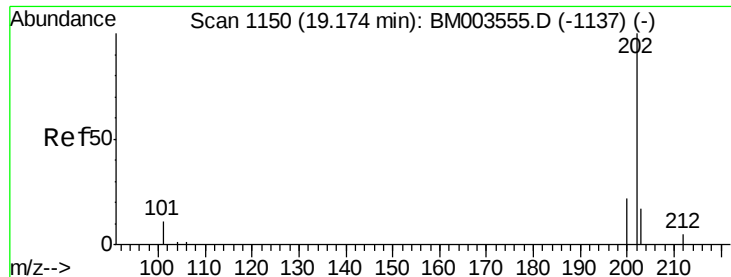


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

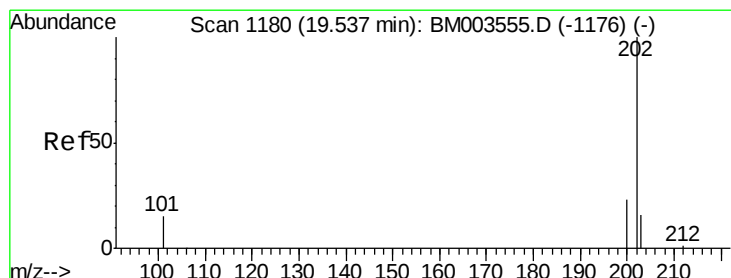
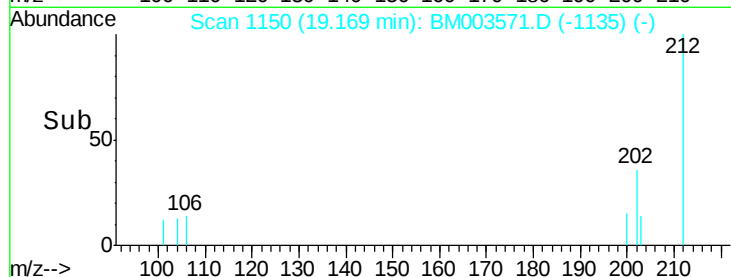
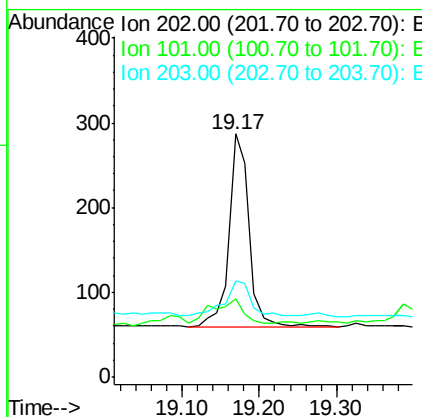
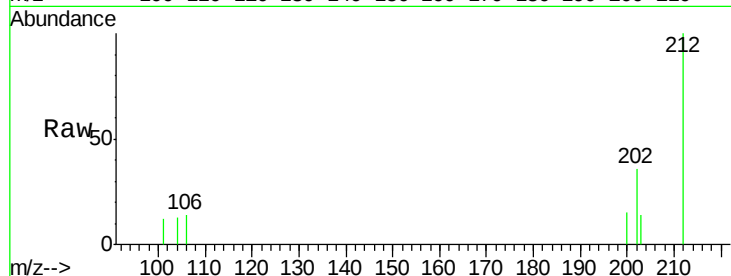




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.17 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BM003571.D
 Acq: 16 Dec 2015 04:43

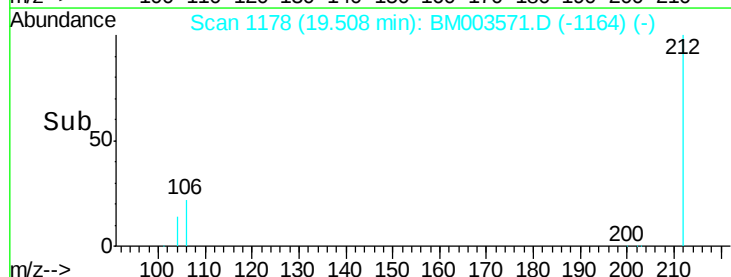
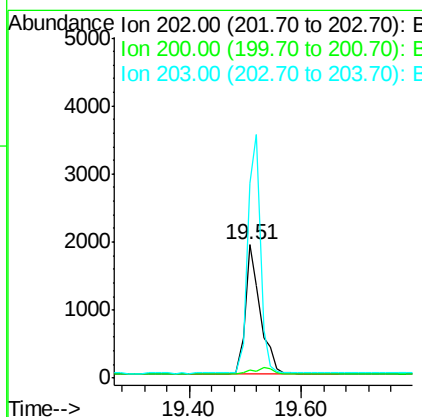
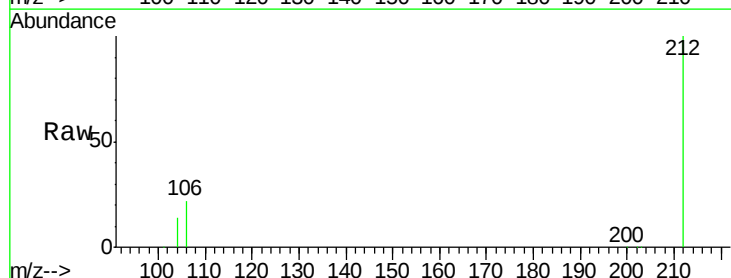
Instrument :
 BNA_M
 ClientSampleId :
 A4KY2

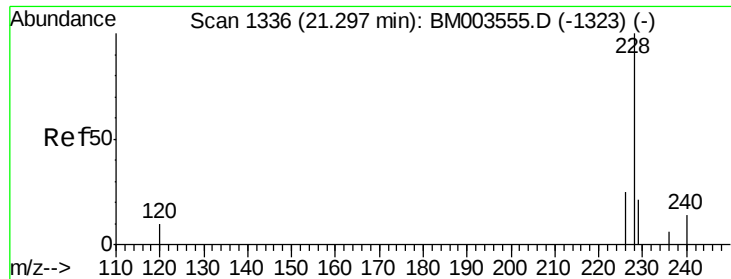
Tgt Ion:202 Resp: 413
 Ion Ratio Lower Upper
 202 100
 101 32.4 0.0 29.6#
 203 39.4 0.0 36.3#



#19
Pyrene
 Concen: 0.05 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BM003571.D
 Acq: 16 Dec 2015 04:43

Tgt Ion:202 Resp: 3551
 Ion Ratio Lower Upper
 202 100
 200 5.6 17.8 26.8#
 203 146.1 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BM003571.D

Acq: 16 Dec 2015 04:43

Instrument :

BNA_M

ClientSampleId :

A4KY2

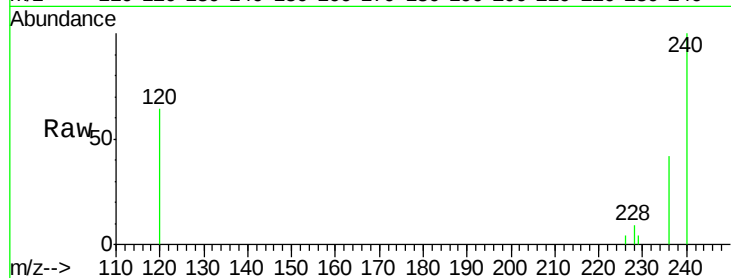
Tgt Ion:228 Resp: 403

Ion Ratio Lower Upper

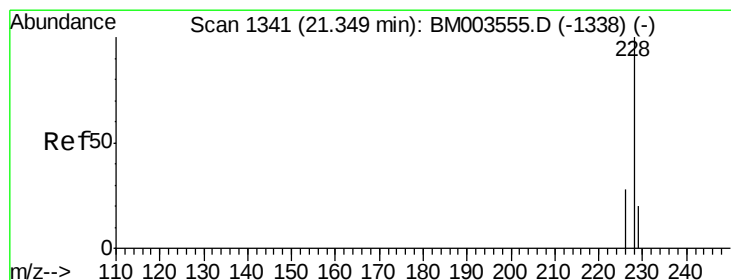
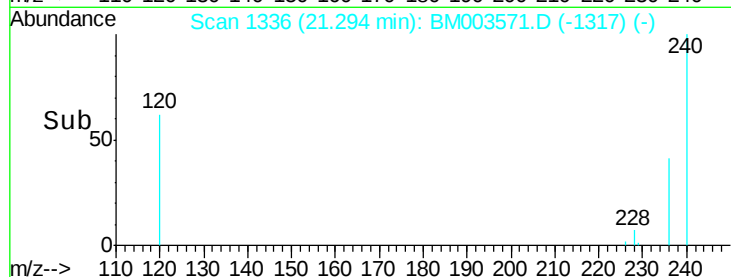
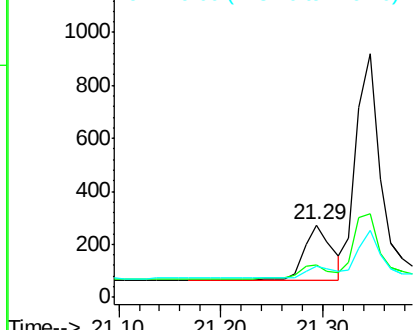
228 100

226 44.3 18.8 28.2#

229 42.9 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: 0.02 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM003571.D

Acq: 16 Dec 2015 04:43

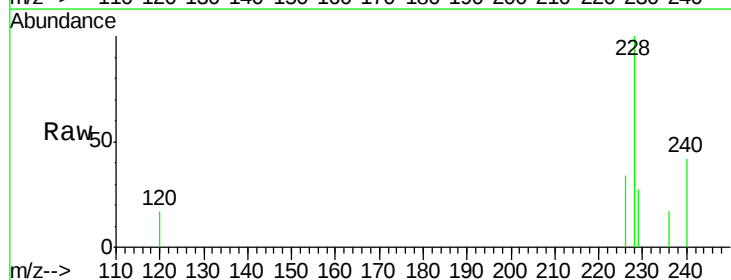
Tgt Ion:228 Resp: 1501

Ion Ratio Lower Upper

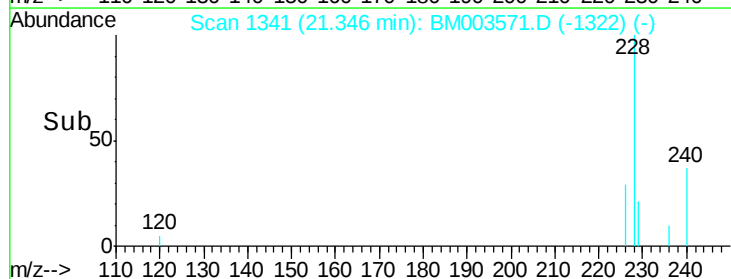
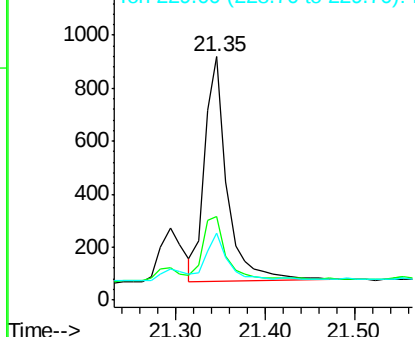
228 100

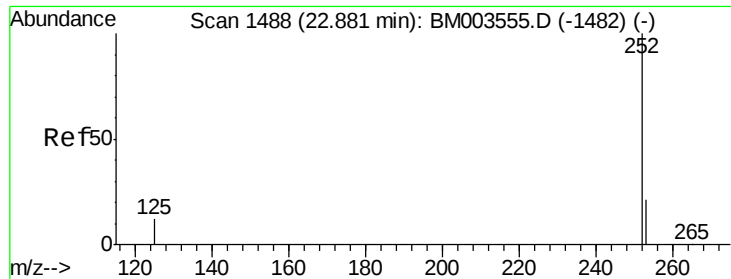
226 34.4 21.2 31.8#

229 27.4 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/u1

RT: 22.69 min Scan# 1470

Delta R.T. -0.19 min

Lab File: BM003571.D

Acq: 16 Dec 2015 04:43

Instrument :

BNA_M

ClientSampleId :

A4KY2

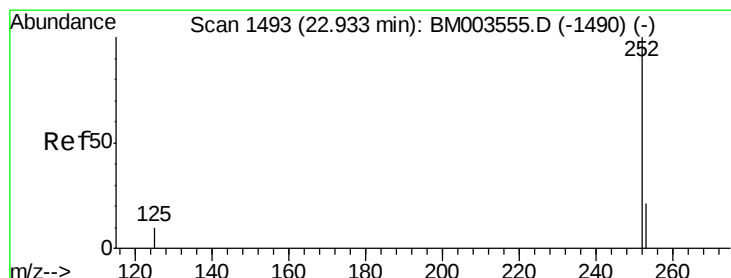
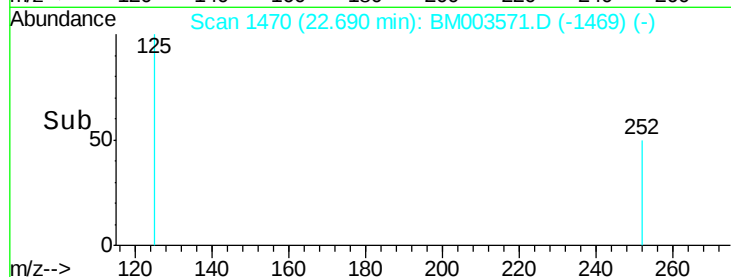
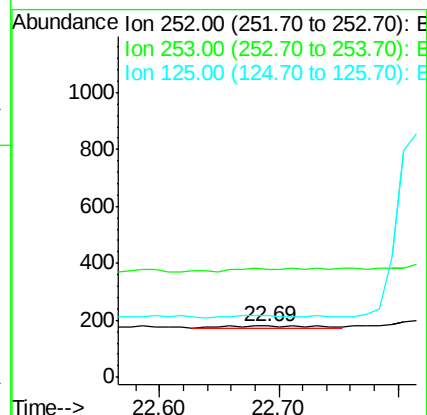
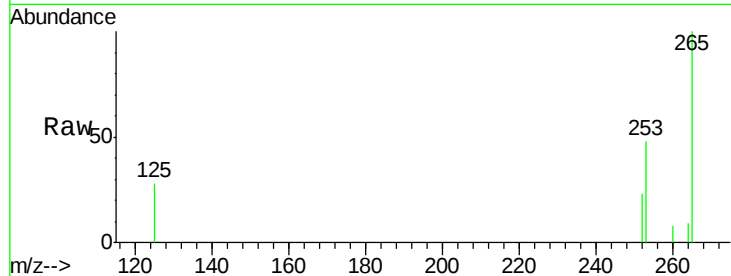
Tgt Ion:252 Resp: 29

Ion Ratio Lower Upper

252 100

253 211.7 0.0 45.4#

125 120.6 0.0 28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 22.82 min Scan# 1482

Delta R.T. -0.12 min

Lab File: BM003571.D

Acq: 16 Dec 2015 04:43

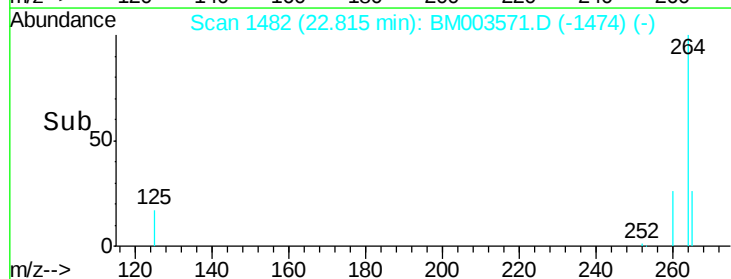
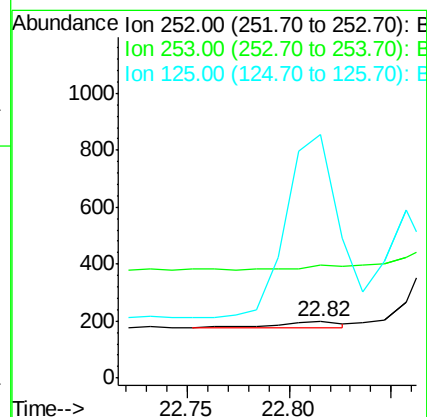
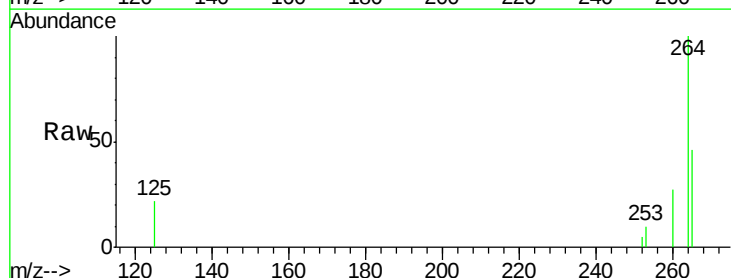
Tgt Ion:252 Resp: 55

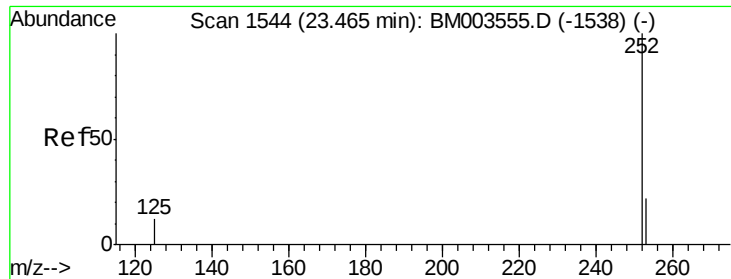
Ion Ratio Lower Upper

252 100

253 200.5 19.8 29.8#

125 431.8 10.4 15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.41 min Scan# 1539

Delta R.T. -0.06 min

Lab File: BM003571.D

Acq: 16 Dec 2015 04:43

Instrument :

BNA_M

ClientSampleId :

A4KY2

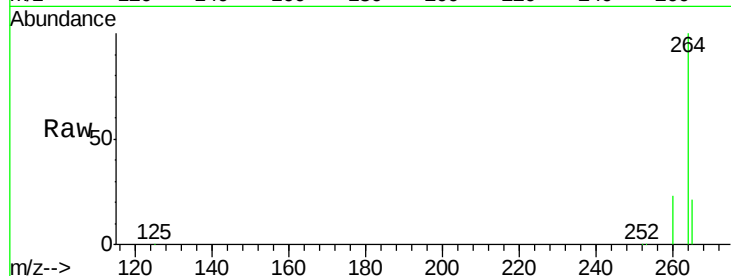
Tgt Ion: 252 Resp: 5780

Ion Ratio Lower Upper

252 100

253 36.6 19.4 29.2#

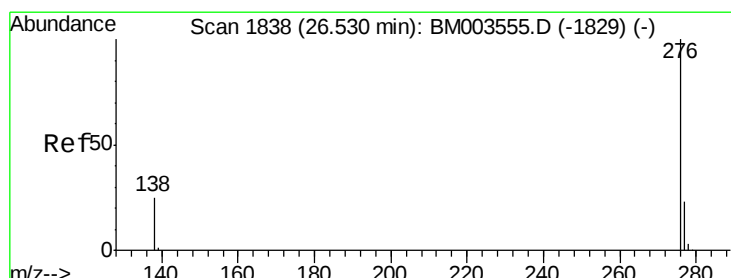
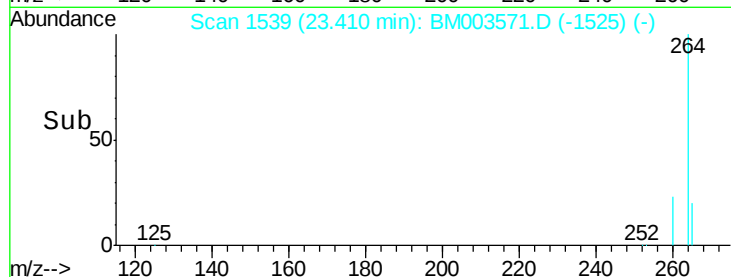
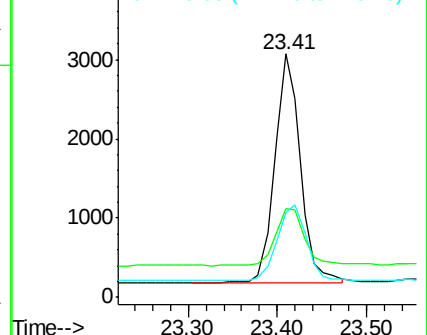
125 35.0 12.7 19.1#



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



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.38 min Scan# 1824

Delta R.T. -0.15 min

Lab File: BM003571.D

Acq: 16 Dec 2015 04:43

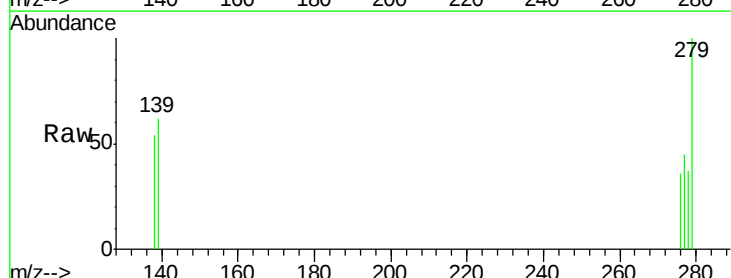
Tgt Ion: 276 Resp: 4

Ion Ratio Lower Upper

276 100

277 125.4 18.9 28.3#

138 152.5 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

