

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121515\
 Data File : BM003559.D
 Acq On : 15 Dec 2015 21:30
 Operator : UM/IZ
 Sample : G4734-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KW1

Quant Time: Dec 16 05:55:56 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

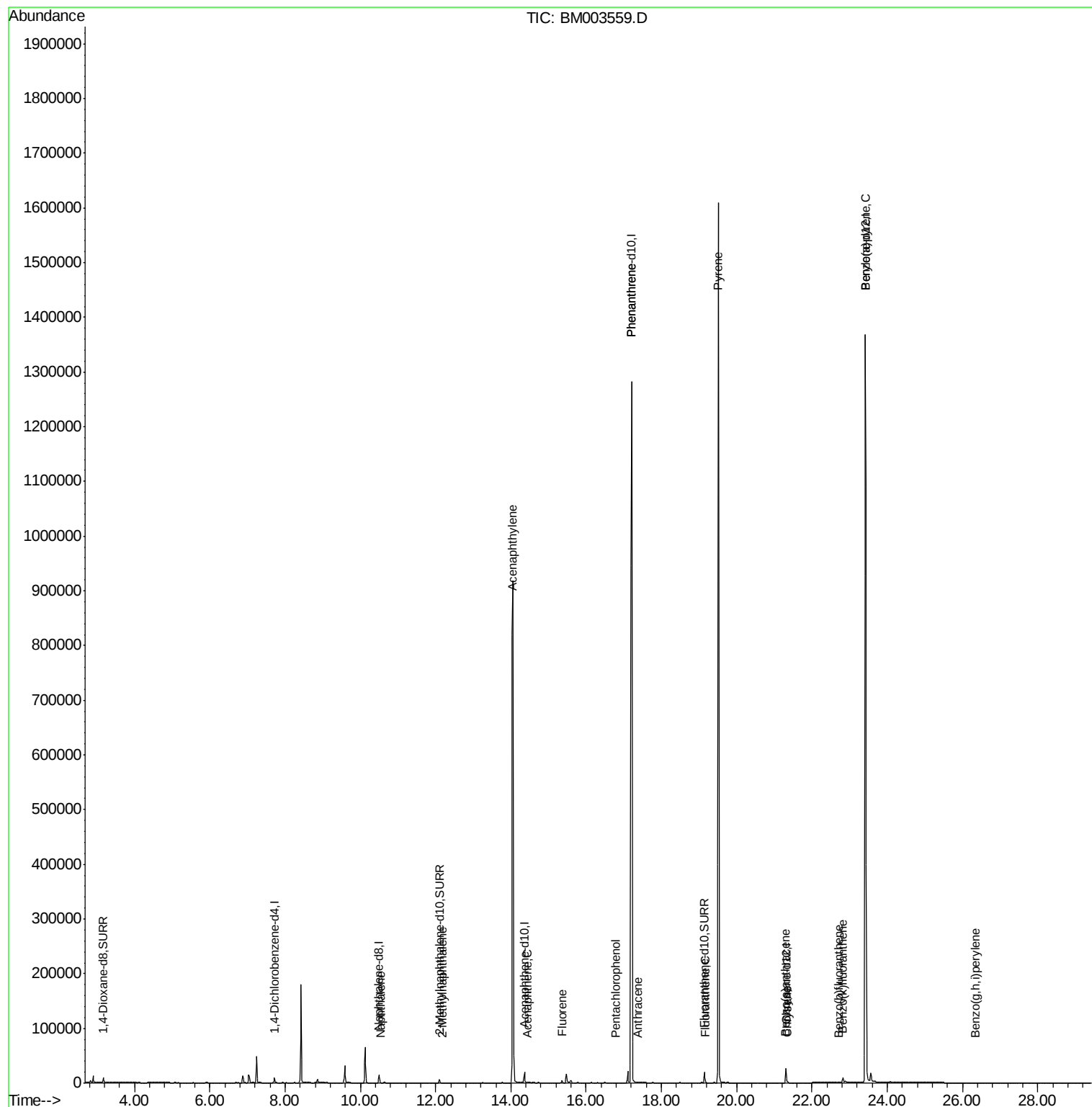
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4975	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	20625	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	12454	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	1957535	0.40	ng/ul	0.10
18) Chrysene-d12	21.31	240	27726	0.40	ng/ul	0.00
22) Perylene-d12	23.42	264	1813125	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	7232	3.40	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.10	152	9404	0.38	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	23004	0.01	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.55	128	436	0.01	ng/ul#	52
7) 2-Methylnaphthalene	12.17	142	136	0.00	ng/ul	99
9) Acenaphthylene	14.04	152	154	0.00	ng/ul#	1
10) Acenaphthene	14.43	153	82	0.00	ng/ul#	61
11) Fluorene	15.36	166	3596	0.08	ng/ul#	20
13) Pentachlorophenol	16.78	266	74	0.00	ng/ul#	85
14) Phenanthrene	17.21	178	1047	0.00	ng/ul#	1
15) Anthracene	17.38	178	31	0.00	ng/ul#	1
17) Fluoranthene	19.17	202	1917	0.00	ng/ul	81
19) Pyrene	19.51	202	5120	0.07	ng/ul#	1
20) Benzo(a)anthracene	21.29	228	630	0.01	ng/ul#	67
21) Chrysene	21.35	228	2417	0.03	ng/ul#	90
23) Benzo(b)fluoranthene	22.72	252	21	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.82	252	54	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.42	252	7211	0.00	ng/ul#	68
28) Benzo(g,h,i)perylene	26.34	276	4	0.00	ng/ul#	1

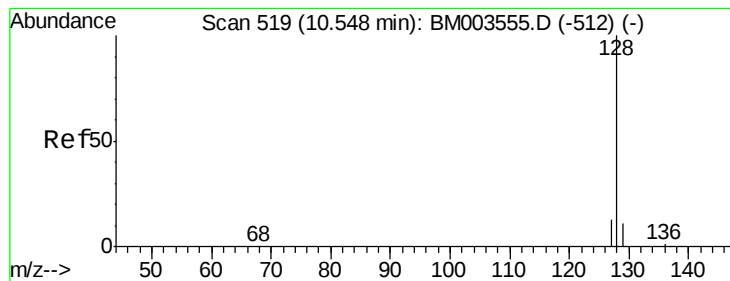
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 16 05:49:57 2015
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#5

Naphthalene

Concen: 0.01 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. 0.00 min

Lab File: BM003559.D

Acq: 15 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

A4KW1

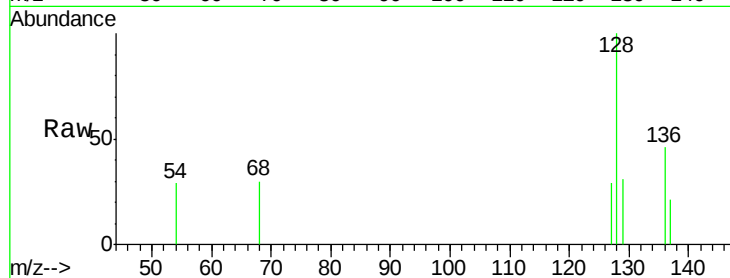
Tgt Ion:128 Resp: 436

Ion Ratio Lower Upper

128 100

129 31.1 9.0 13.6#

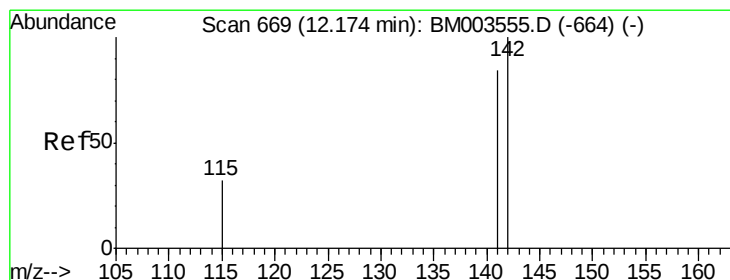
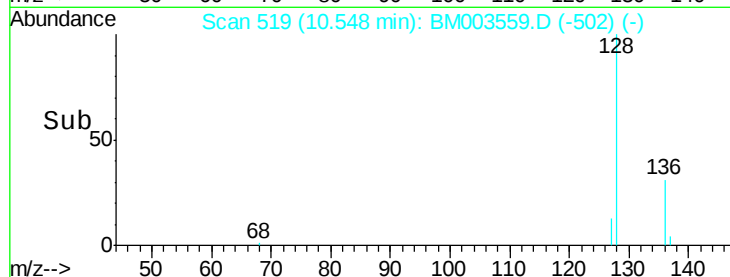
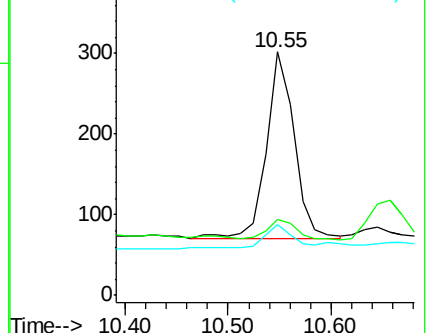
127 29.1 9.6 14.4#



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: BM003559.D

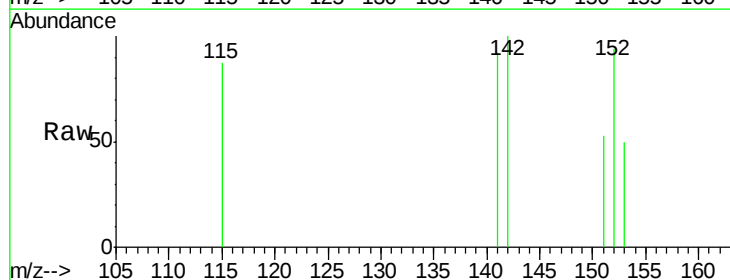
Acq: 15 Dec 2015 21:30

Tgt Ion:142 Resp: 136

Ion Ratio Lower Upper

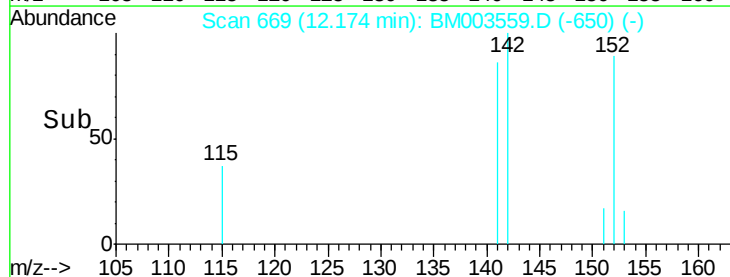
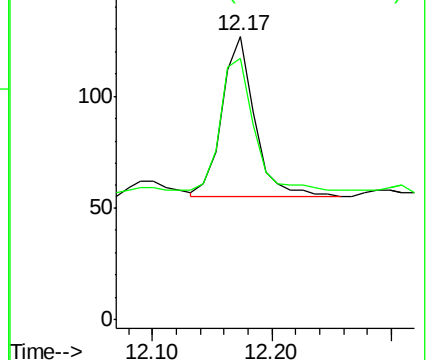
142 100

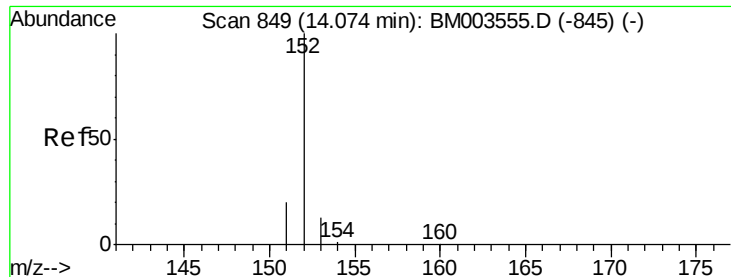
141 89.0 70.3 105.5



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: BM003559.D

Acq: 15 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

A4KW1

Tgt Ion:152 Resp: 154

Ion Ratio Lower Upper

152 100

151 50.7 17.6 26.4#

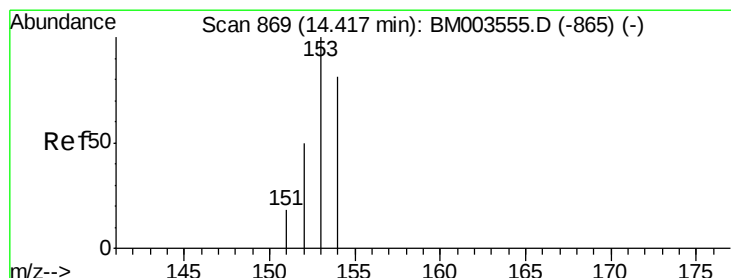
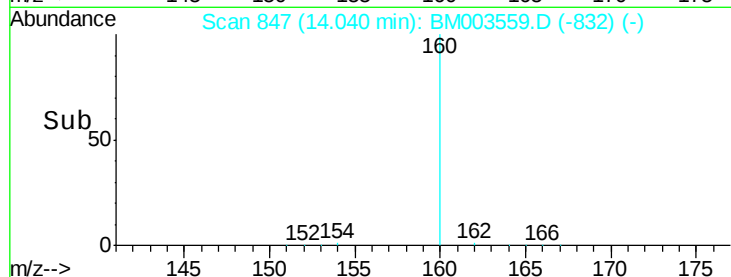
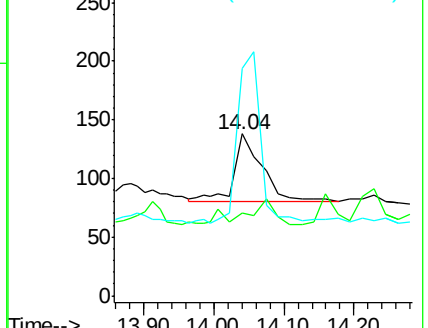
153 140.6 9.7 14.5#



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



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.43 min Scan# 870

Delta R.T. 0.02 min

Lab File: BM003559.D

Acq: 15 Dec 2015 21:30

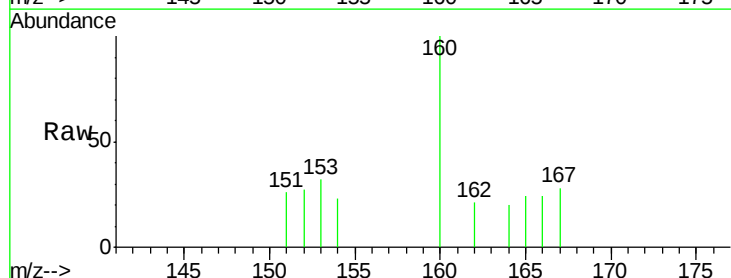
Tgt Ion:153 Resp: 82

Ion Ratio Lower Upper

153 100

152 83.0 33.9 50.9#

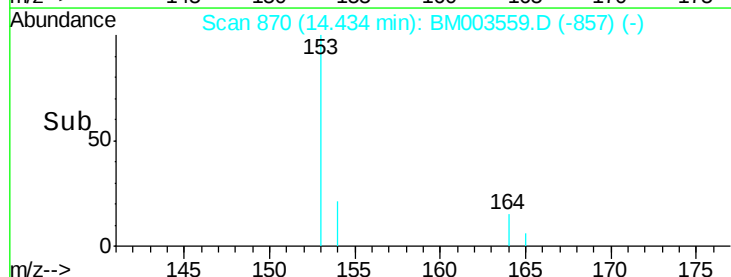
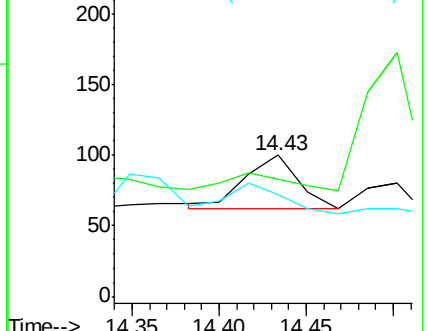
154 72.0 80.6 121.0#

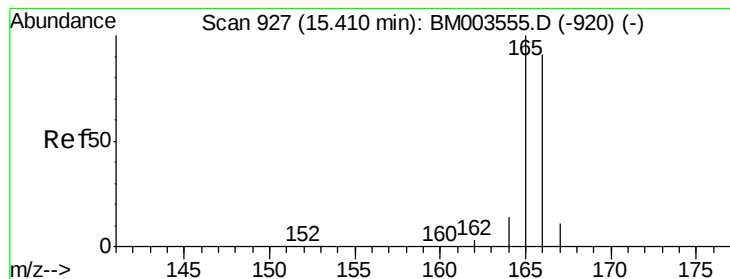


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.08 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.05 min

Lab File: BM003559.D

Acq: 15 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

A4KW1

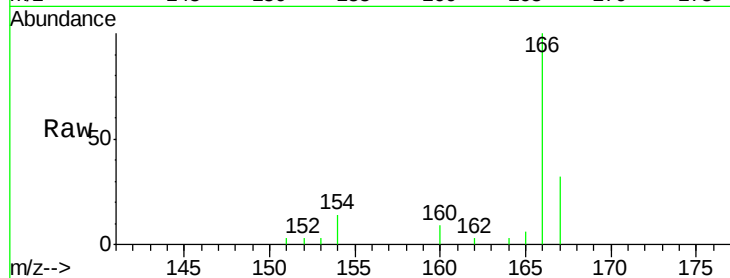
Tgt Ion:166 Resp: 3596

Ion Ratio Lower Upper

166 100

165 6.4 69.6 104.4#

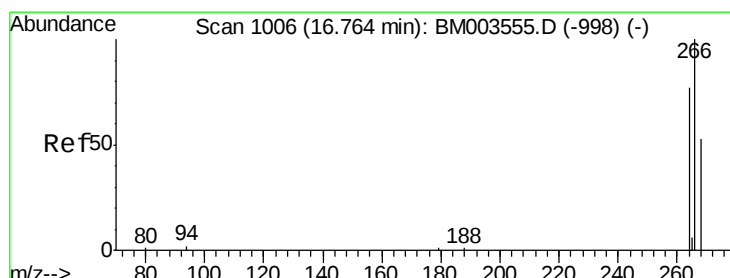
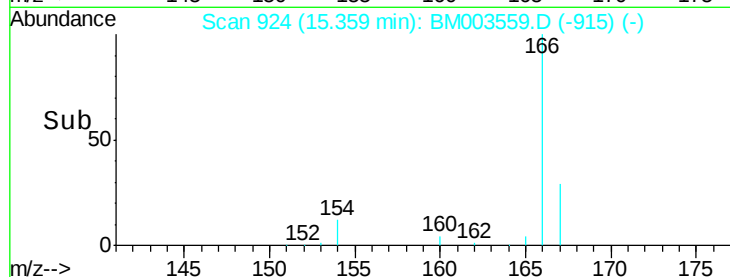
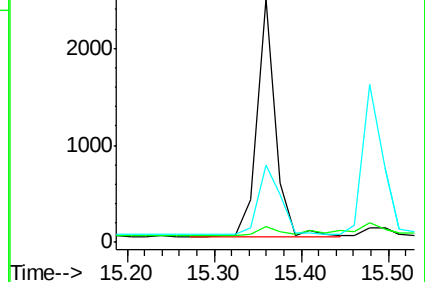
167 31.6 11.9 17.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.78 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BM003559.D

Acq: 15 Dec 2015 21:30

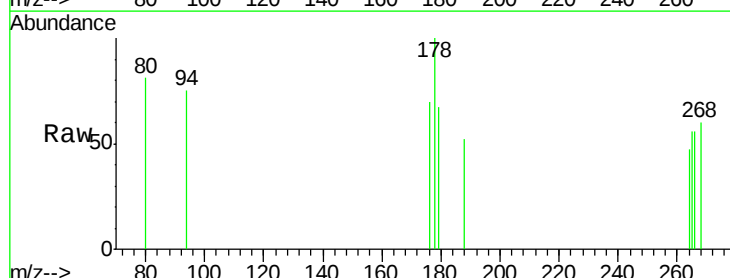
Tgt Ion:266 Resp: 74

Ion Ratio Lower Upper

266 100

264 45.9 51.8 77.8#

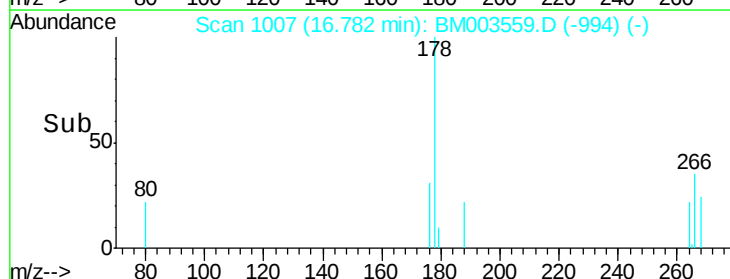
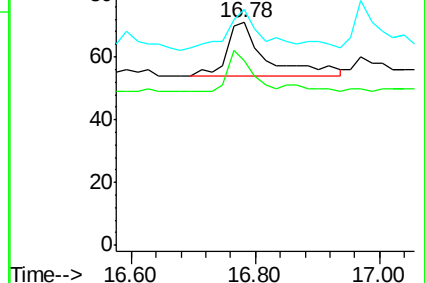
268 62.2 46.8 70.2

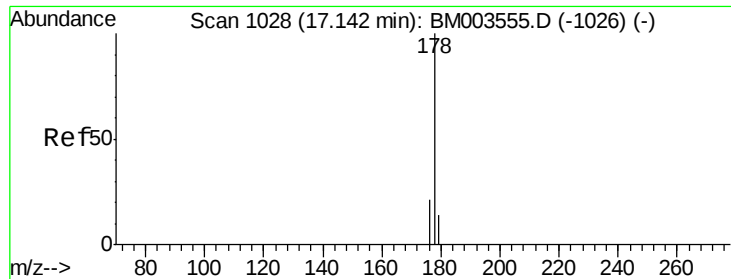


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. 0.07 min

Lab File: BM003559.D

Acq: 15 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

A4KW1

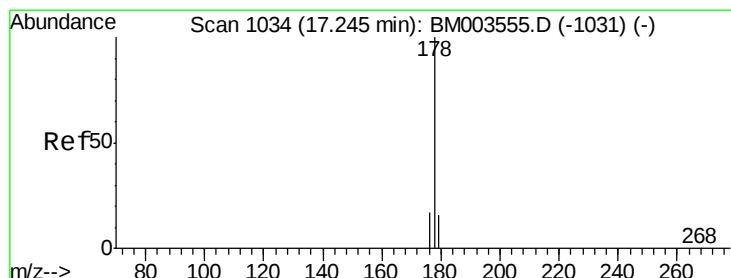
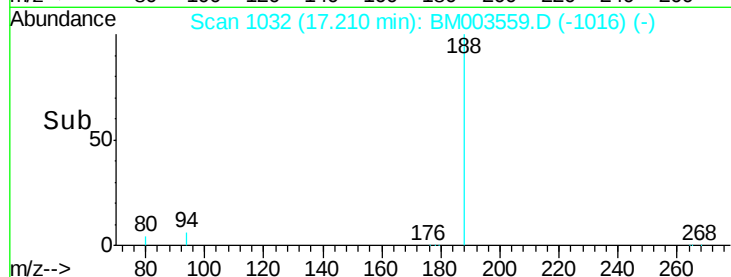
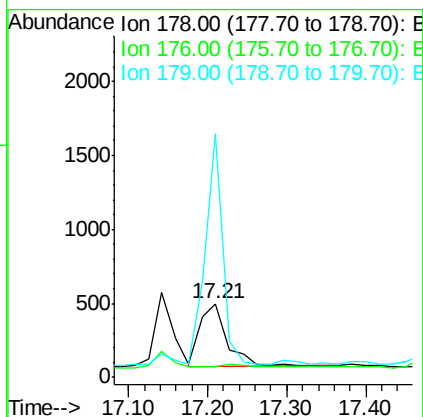
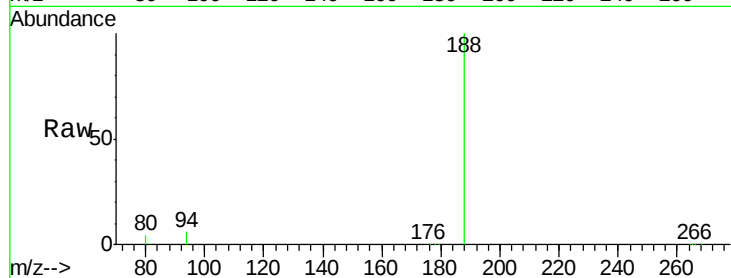
Tgt Ion:178 Resp: 1047

Ion Ratio Lower Upper

178 100

176 15.3 13.0 19.4

179 331.2 14.2 21.2#



#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.38 min Scan# 1042

Delta R.T. 0.14 min

Lab File: BM003559.D

Acq: 15 Dec 2015 21:30

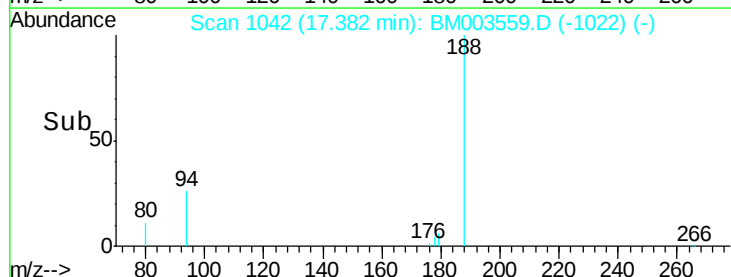
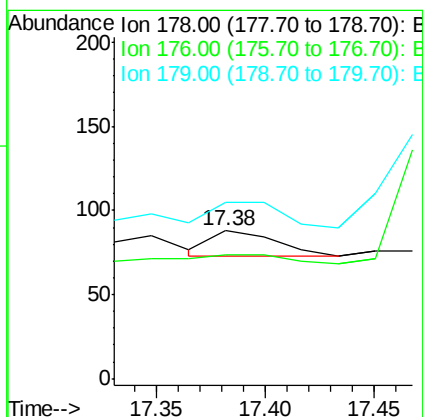
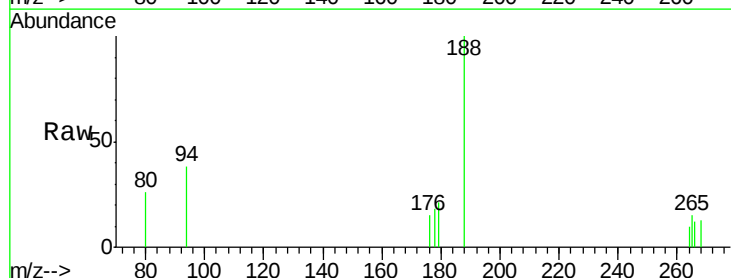
Tgt Ion:178 Resp: 31

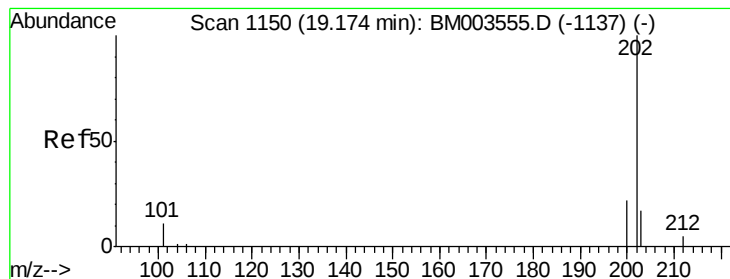
Ion Ratio Lower Upper

178 100

176 84.1 14.0 21.0#

179 119.3 12.9 19.3#





#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.17 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM003559.D

Acq: 15 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

A4KW1

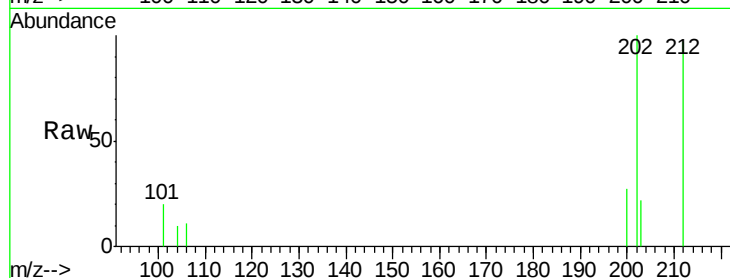
Tgt Ion:202 Resp: 1917

Ion Ratio Lower Upper

202 100

101 20.0 0.0 29.6

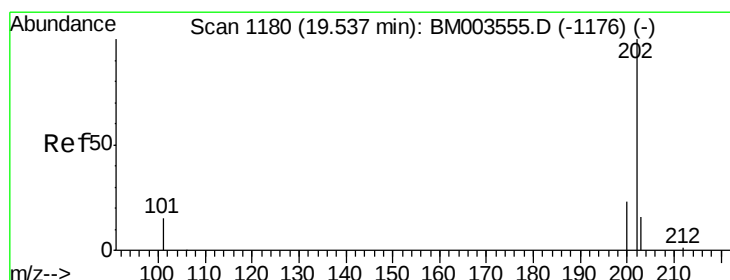
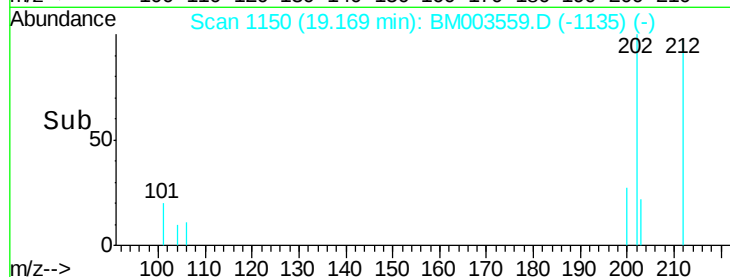
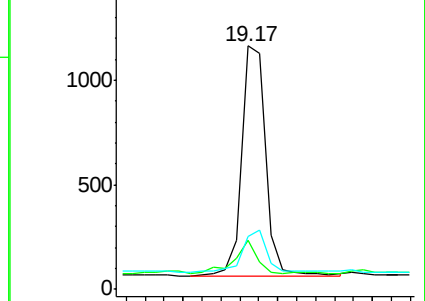
203 22.0 0.0 36.3



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: 0.07 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. -0.03 min

Lab File: BM003559.D

Acq: 15 Dec 2015 21:30

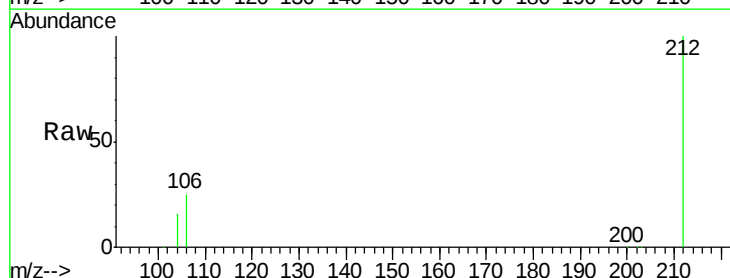
Tgt Ion:202 Resp: 5120

Ion Ratio Lower Upper

202 100

200 5.5 17.8 26.8#

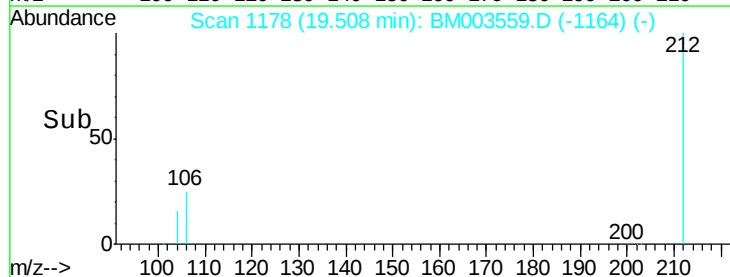
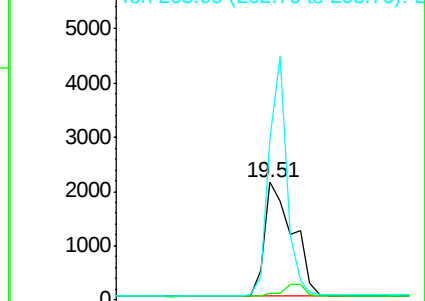
203 135.7 12.8 19.2#

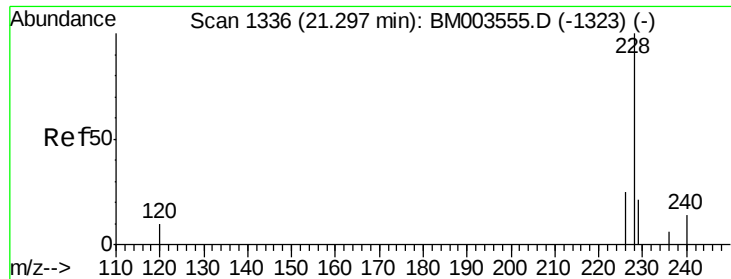


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.29 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BM003559.D

Acq: 15 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

A4KW1

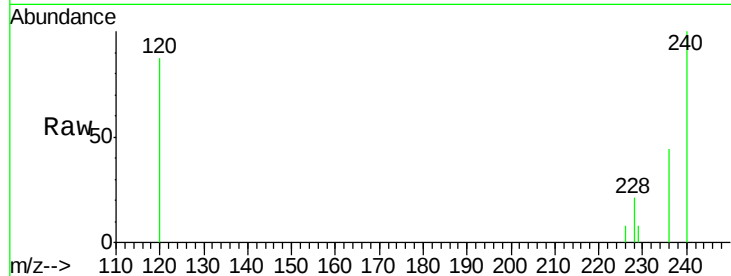
Tgt Ion:228 Resp: 630

Ion Ratio Lower Upper

228 100

226 39.1 18.8 28.2#

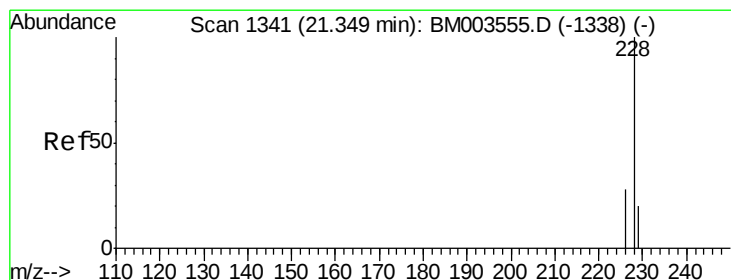
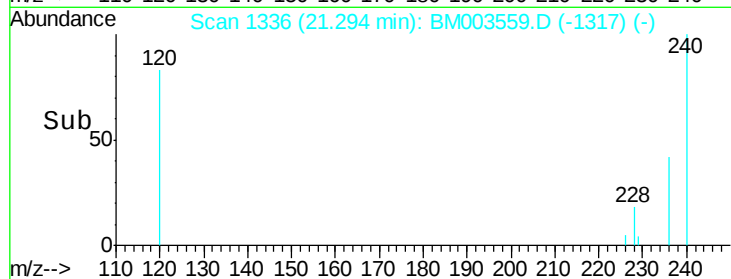
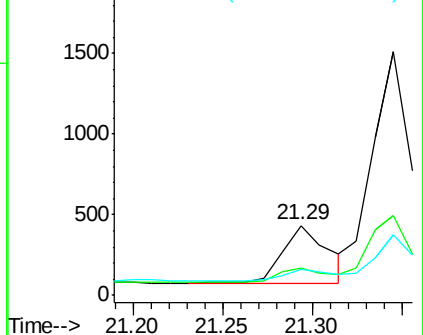
229 37.7 17.1 25.7#



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: 0.03 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM003559.D

Acq: 15 Dec 2015 21:30

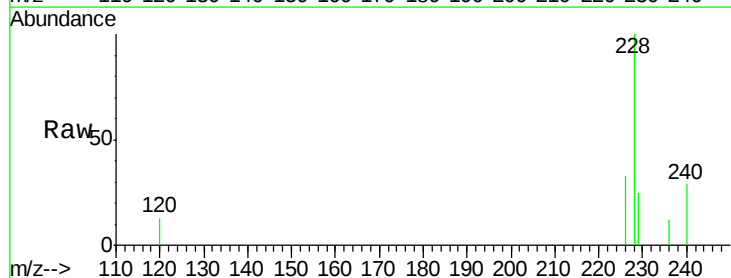
Tgt Ion:228 Resp: 2417

Ion Ratio Lower Upper

228 100

226 32.7 21.2 31.8#

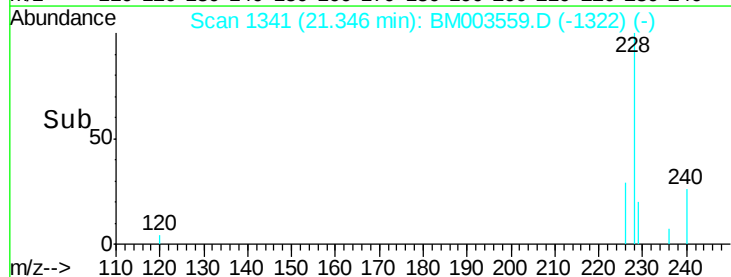
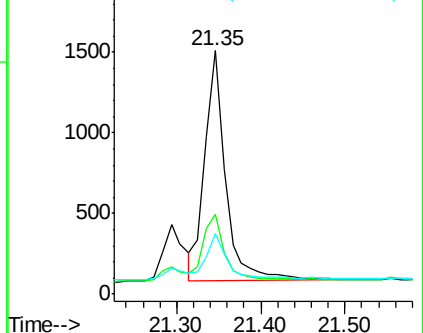
229 24.7 17.0 25.6

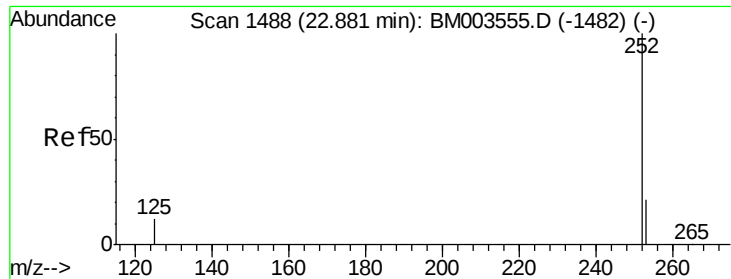


Abundance Ion 228.00 (227.70 to 228.70): E

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/u1

RT: 22.72 min Scan# 1473

Delta R.T. -0.16 min

Lab File: BM003559.D

Acq: 15 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

A4KW1

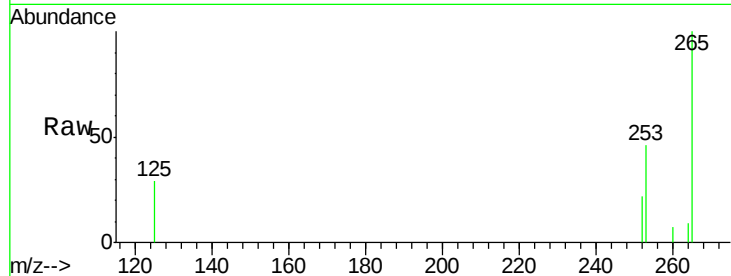
Tgt Ion:252 Resp: 21

Ion Ratio Lower Upper

252 100

253 203.4 0.0 45.4#

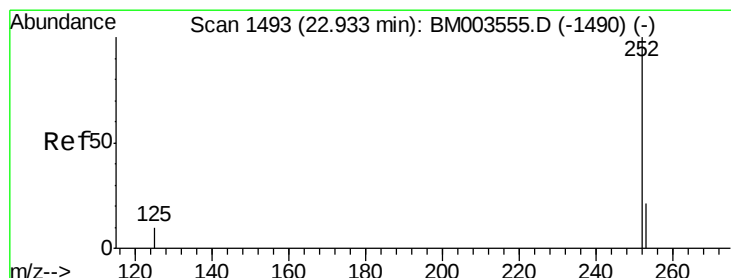
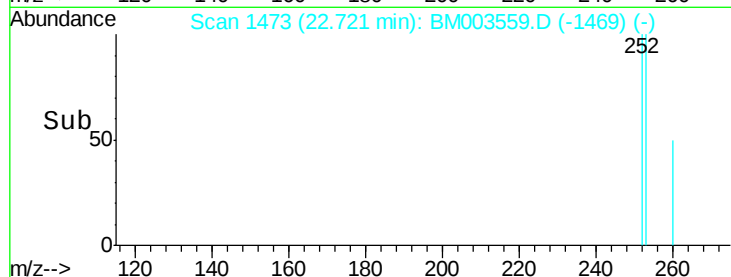
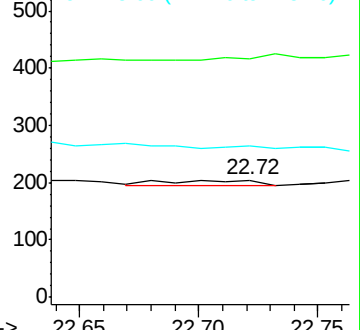
125 129.3 0.0 28.8#



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: 0.00 ng/u1

RT: 22.82 min Scan# 1482

Delta R.T. -0.12 min

Lab File: BM003559.D

Acq: 15 Dec 2015 21:30

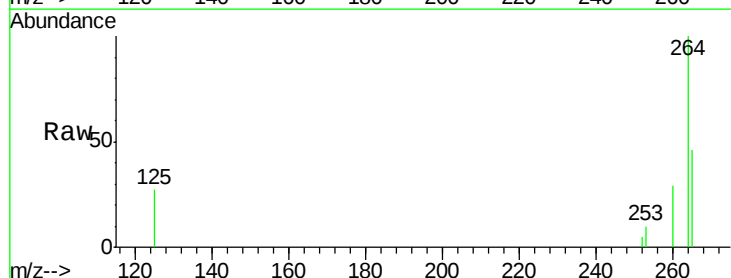
Tgt Ion:252 Resp: 54

Ion Ratio Lower Upper

252 100

253 192.0 19.8 29.8#

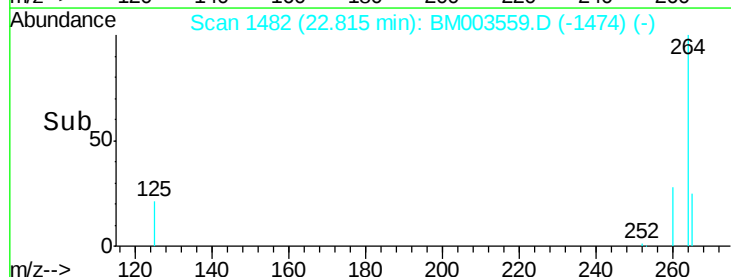
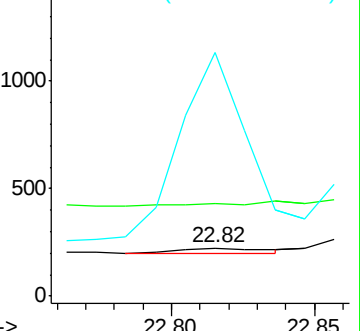
125 503.6 10.4 15.6#

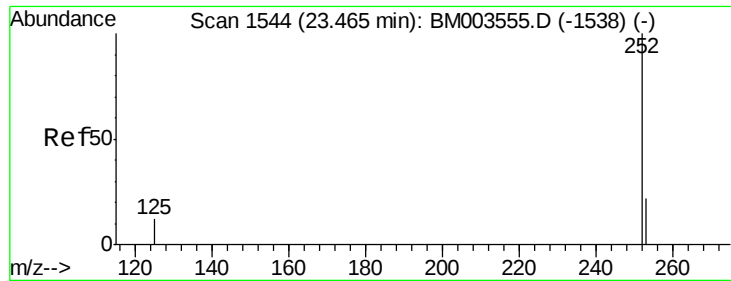


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.42 min Scan# 1540

Delta R.T. -0.05 min

Lab File: BM003559.D

Acq: 15 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

A4KW1

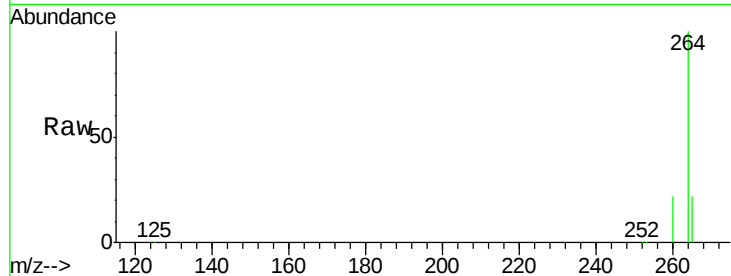
Tgt Ion: 252 Resp: 7211

Ion Ratio Lower Upper

252 100

253 36.7 19.4 29.2#

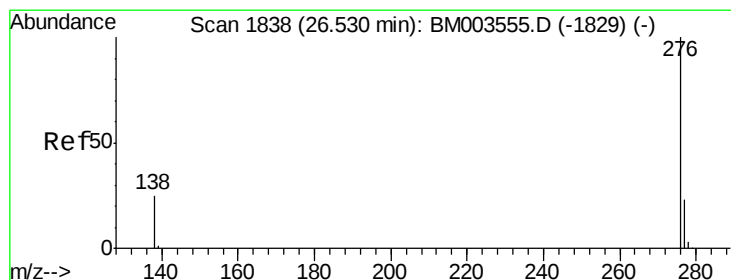
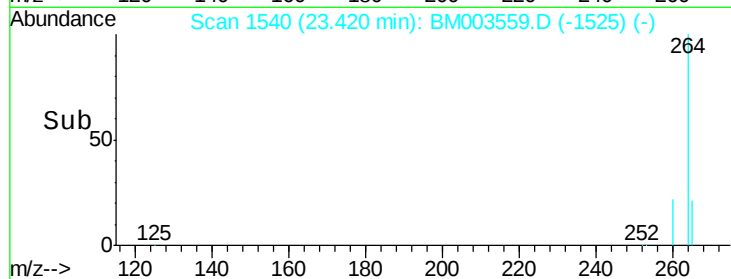
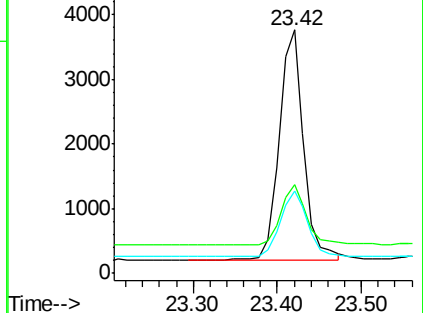
125 33.6 12.7 19.1#



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: 26.34 min Scan# 1820

Delta R.T. -0.19 min

Lab File: BM003559.D

Acq: 15 Dec 2015 21:30

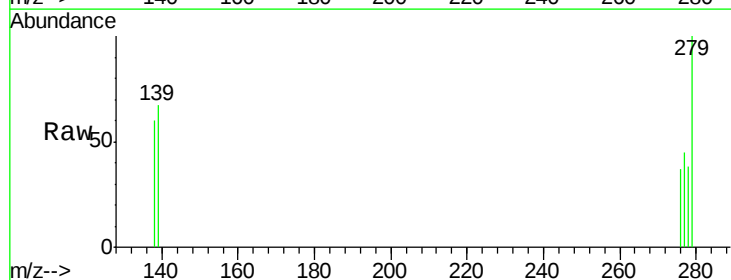
Tgt Ion: 276 Resp: 4

Ion Ratio Lower Upper

276 100

277 123.8 18.9 28.3#

138 163.5 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

