

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121515\
 Data File : BM003569.D
 Acq On : 16 Dec 2015 03:31
 Operator : UM/IZ
 Sample : G4734-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KY0

Quant Time: Dec 16 05:59:03 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

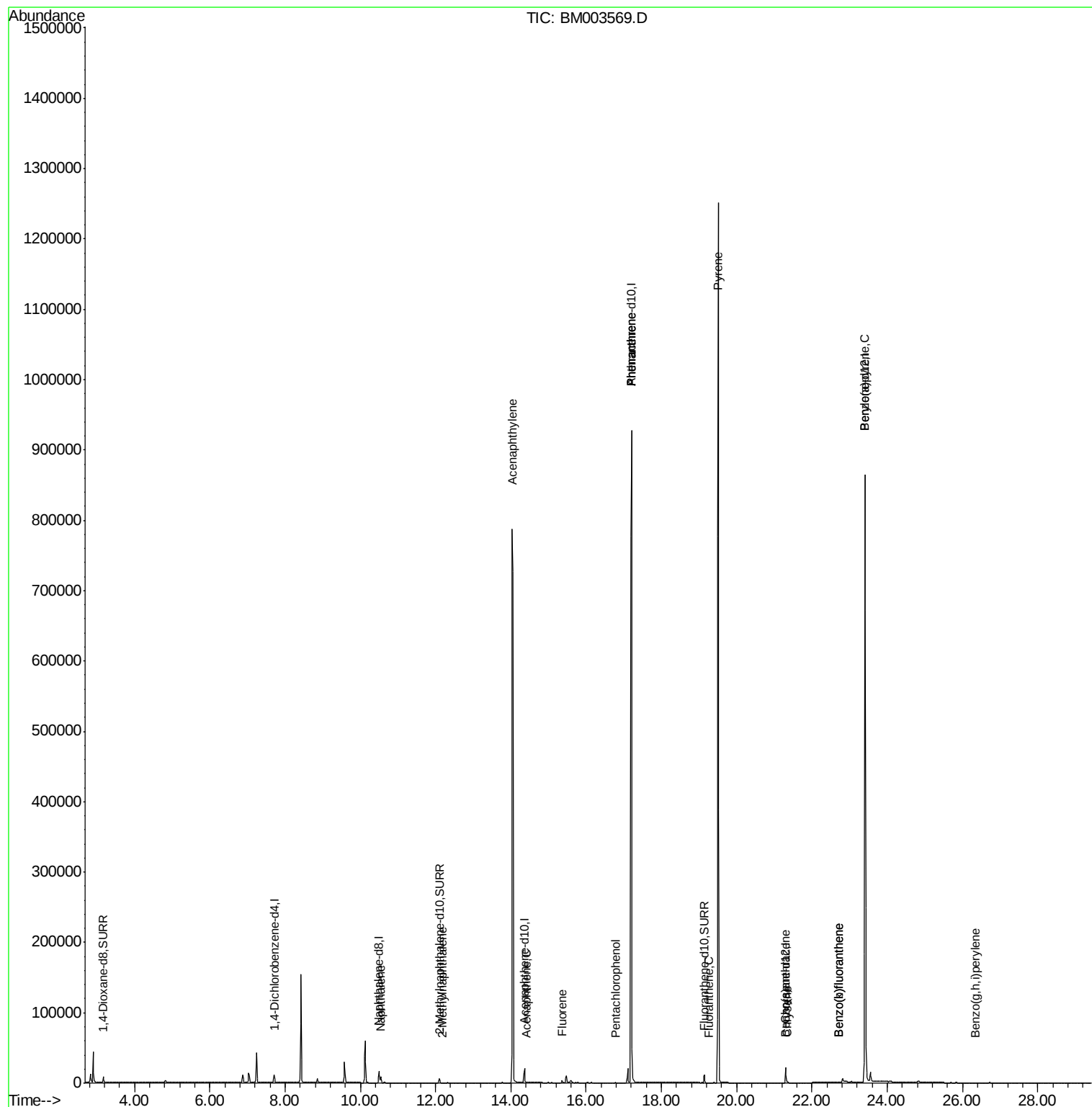
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	5941	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	24343	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	13744	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	1493681	0.40	ng/ul	0.10
18) Chrysene-d12	21.31	240	21110	0.40	ng/ul	-0.01
22) Perylene-d12	23.41	264	1124791	0.40	ng/ul	-0.16
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	6437	2.53	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.10	152	8571	0.29	ng/ul	0.00
16) Fluoranthene-d10	19.15	212	14742	0.00	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.55	128	12897	0.24	ng/ul	98
7) 2-Methylnaphthalene	12.17	142	182	0.00	ng/ul	88
9) Acenaphthylene	14.04	152	155	0.00	ng/ul#	1
10) Acenaphthene	14.42	153	65	0.00	ng/ul#	78
11) Fluorene	15.36	166	3019	0.06	ng/ul#	19
13) Pentachlorophenol	16.78	266	86	0.00	ng/ul	93
14) Phenanthrene	17.21	178	1047	0.00	ng/ul#	1
15) Anthracene	17.21	178	803	0.00	ng/ul#	1
17) Fluoranthene	19.27	202	7	0.00	ng/ul#	1
19) Pyrene	19.51	202	2496	0.04	ng/ul#	1
20) Benzo(a)anthracene	21.29	228	395	0.01	ng/ul#	47
21) Chrysene	21.34	228	1513	0.03	ng/ul#	87
23) Benzo(b)fluoranthene	22.70	252	28	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.70	252	28	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.41	252	4467	0.00	ng/ul#	56
28) Benzo(g,h,i)perylene	26.33	276	3	0.00	ng/ul#	1

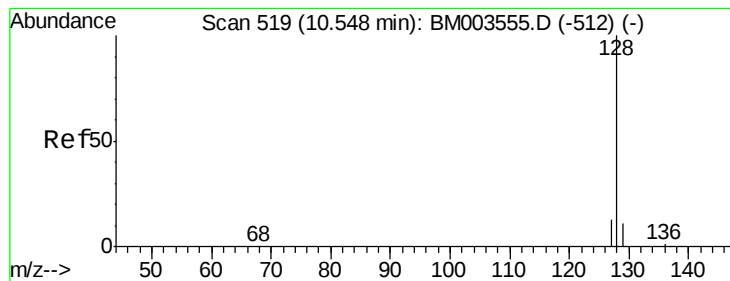
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Naphthalene

Concen: 0.24 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. 0.00 min

Lab File: BM003569.D

Acq: 16 Dec 2015 03:31

Instrument :

BNA_M

ClientSampleId :

A4KY0

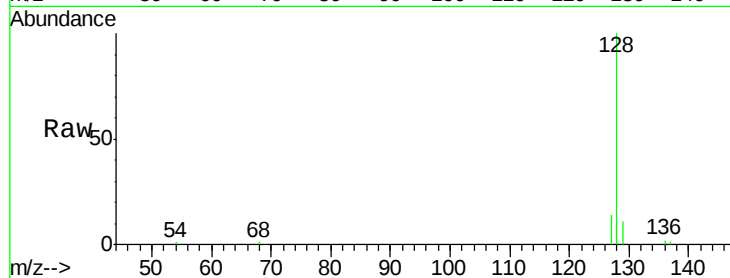
Tgt Ion:128 Resp: 12897

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

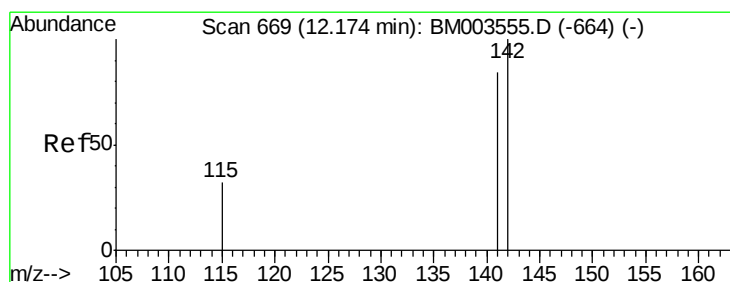
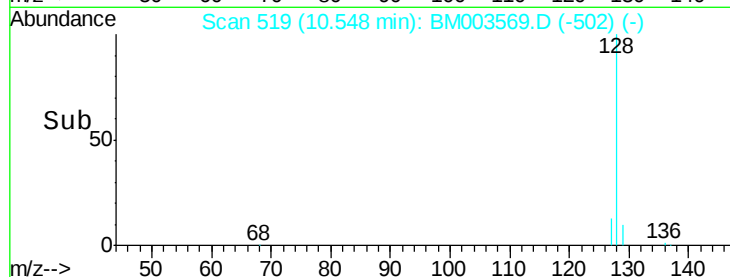
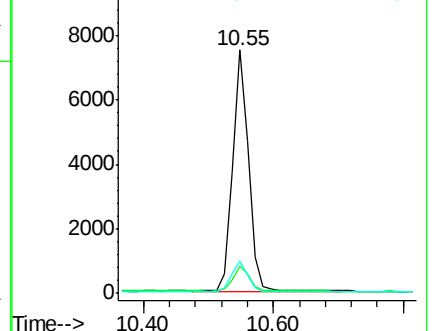
127 13.5 9.6 14.4



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: BM003569.D

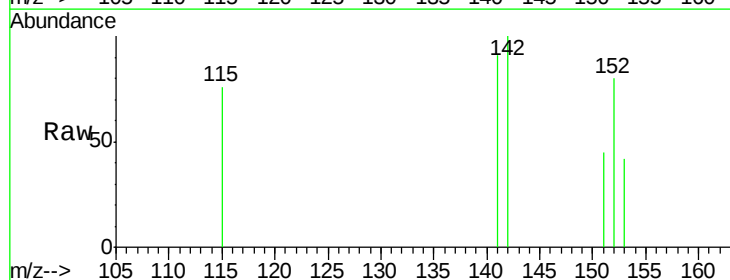
Acq: 16 Dec 2015 03:31

Tgt Ion:142 Resp: 182

Ion Ratio Lower Upper

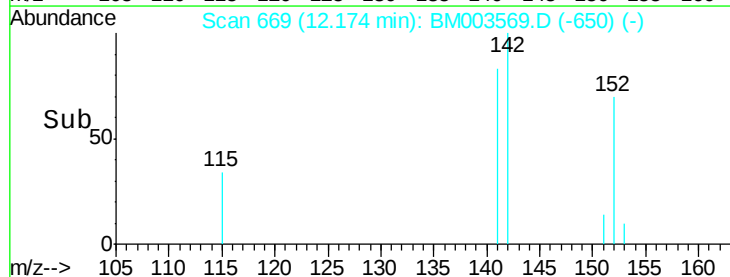
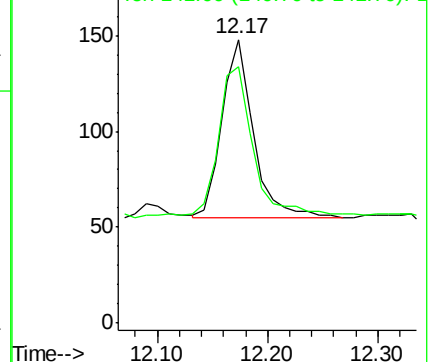
142 100

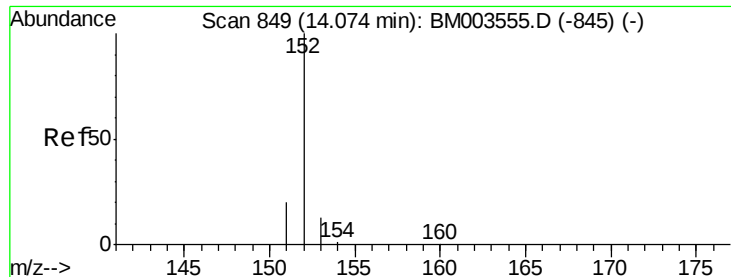
141 98.9 70.3 105.5



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: BM003569.D

Acq: 16 Dec 2015 03:31

Instrument :

BNA_M

ClientSampleId :

A4KY0

Tgt Ion:152 Resp: 155

Ion Ratio Lower Upper

152 100

151 54.2 17.6 26.4#

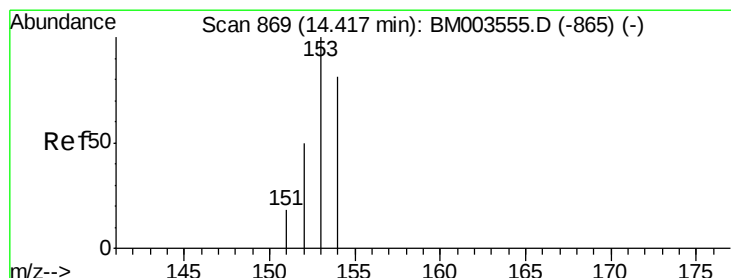
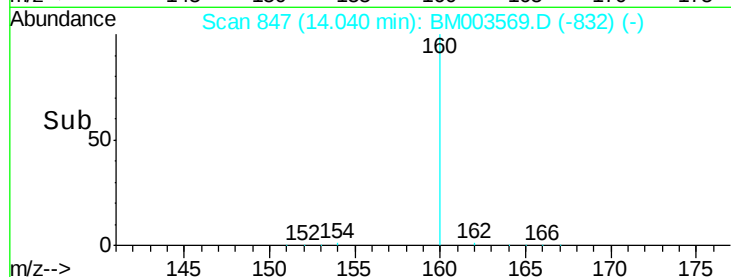
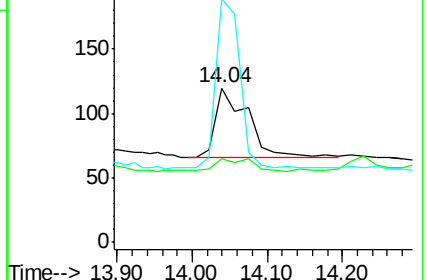
153 157.5 9.7 14.5#



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: BM003569.D

Acq: 16 Dec 2015 03:31

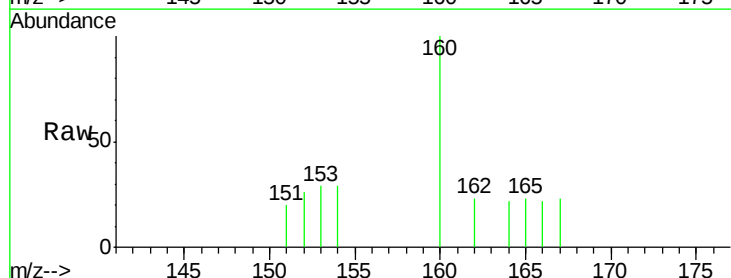
Tgt Ion:153 Resp: 65

Ion Ratio Lower Upper

153 100

152 89.0 33.9 50.9#

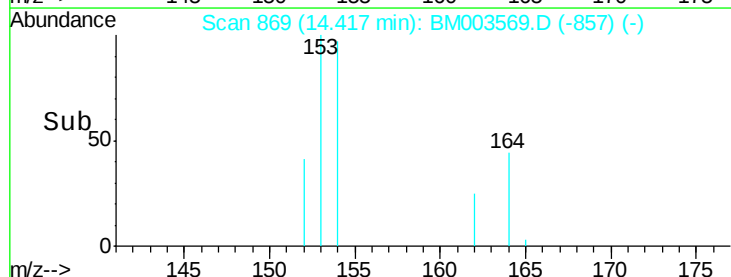
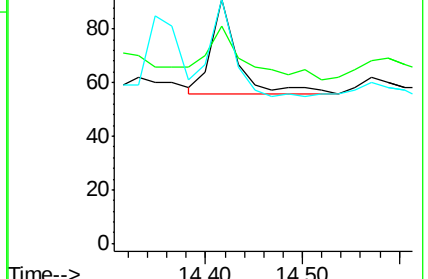
154 100.0 80.6 121.0

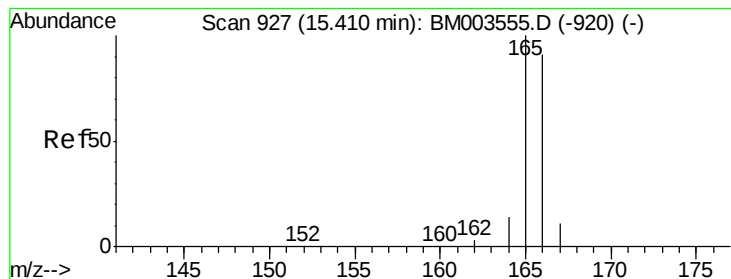


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.06 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.05 min

Lab File: BM003569.D

Acq: 16 Dec 2015 03:31

Instrument :

BNA_M

ClientSampleId :

A4KY0

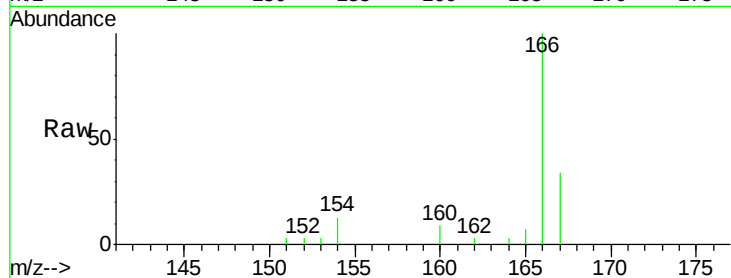
Tgt Ion:166 Resp: 3019

Ion Ratio Lower Upper

166 100

165 6.8 69.6 104.4#

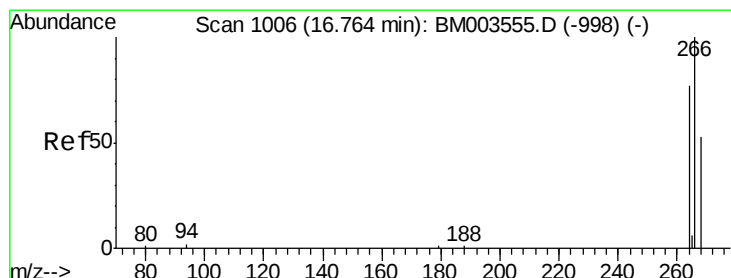
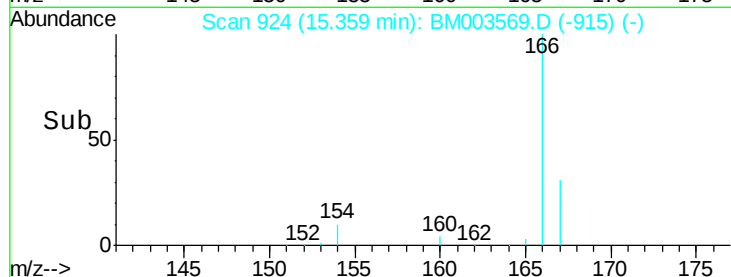
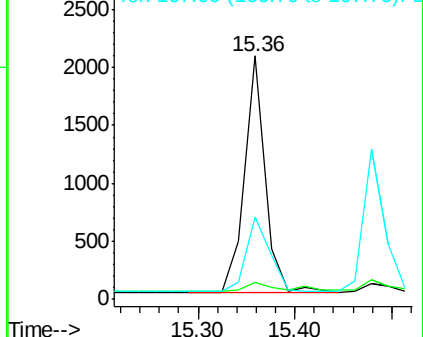
167 33.6 11.9 17.9#



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: BM003569.D

Acq: 16 Dec 2015 03:31

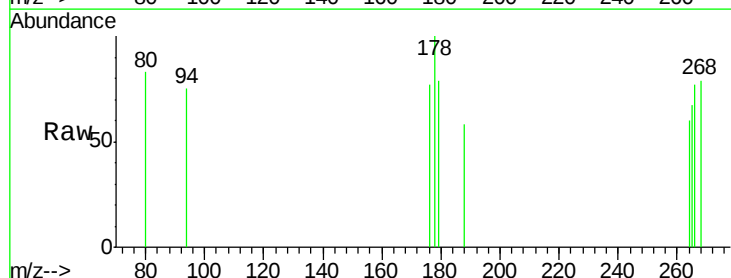
Tgt Ion:266 Resp: 86

Ion Ratio Lower Upper

266 100

264 59.3 51.8 77.8

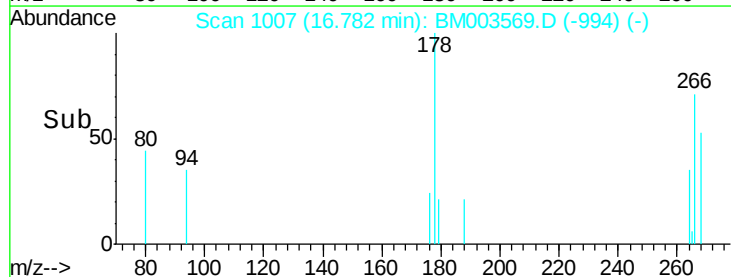
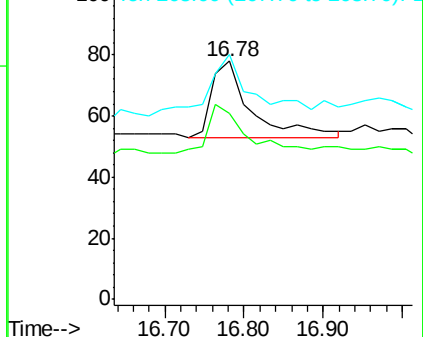
268 64.0 46.8 70.2

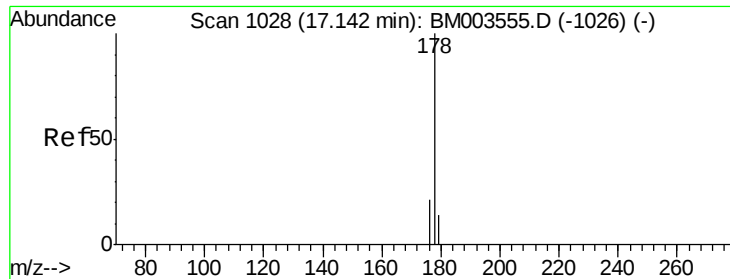


Abundance Ion 266.00 (265.70 to 266.70): E

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: BM003569.D

Acq: 16 Dec 2015 03:31

Instrument :

BNA_M

ClientSampleId :

A4KY0

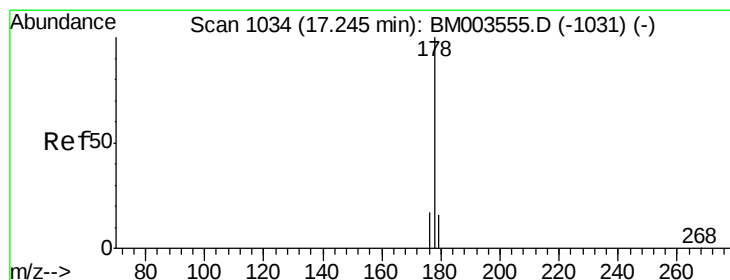
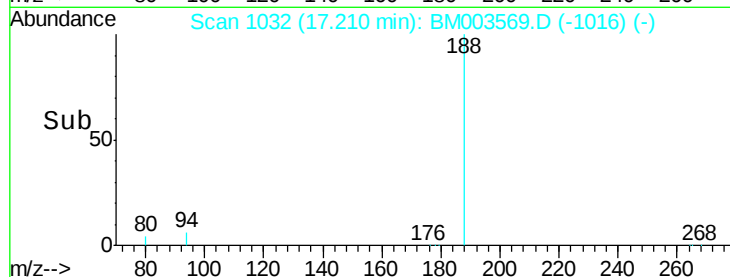
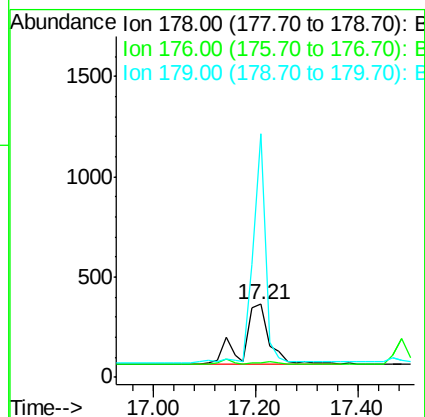
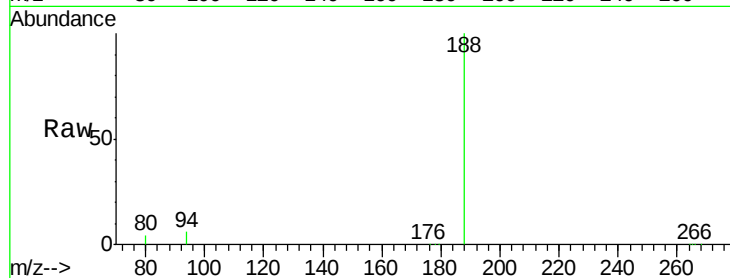
Tgt Ion:178 Resp: 1047

Ion Ratio Lower Upper

178 100

176 19.2 13.0 19.4

179 333.5 14.2 21.2#



#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BM003569.D

Acq: 16 Dec 2015 03:31

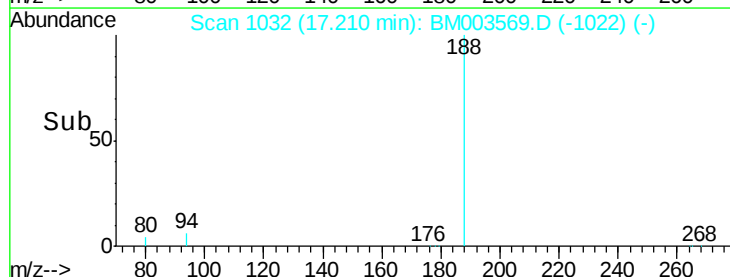
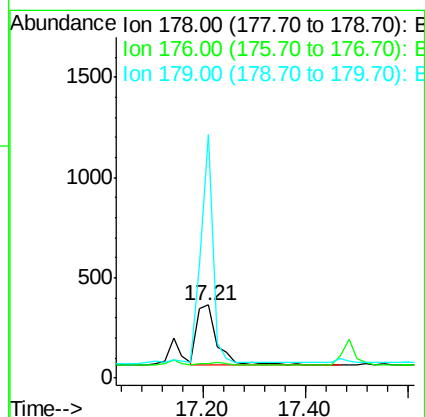
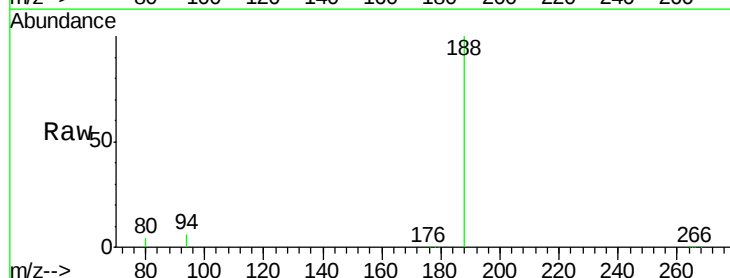
Tgt Ion:178 Resp: 803

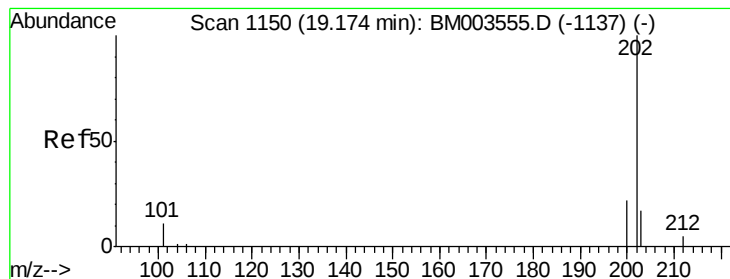
Ion Ratio Lower Upper

178 100

176 19.2 14.0 21.0

179 333.5 12.9 19.3#





#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.27 min Scan# 1158

Delta R.T. 0.10 min

Lab File: BM003569.D

Acq: 16 Dec 2015 03:31

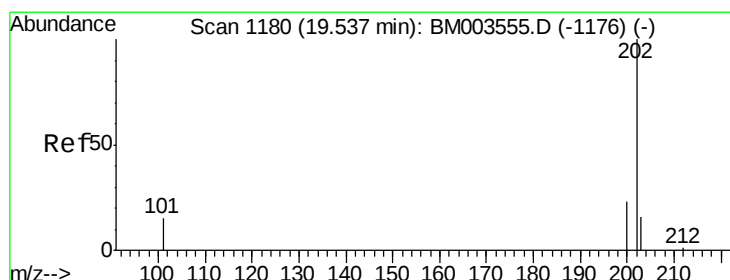
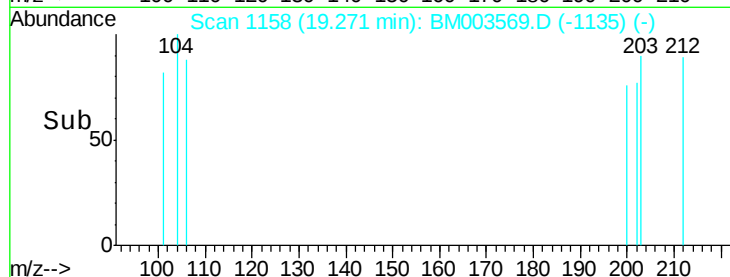
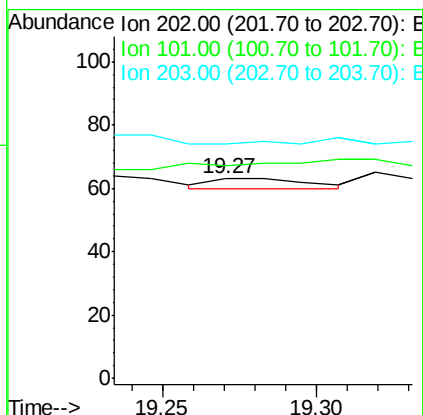
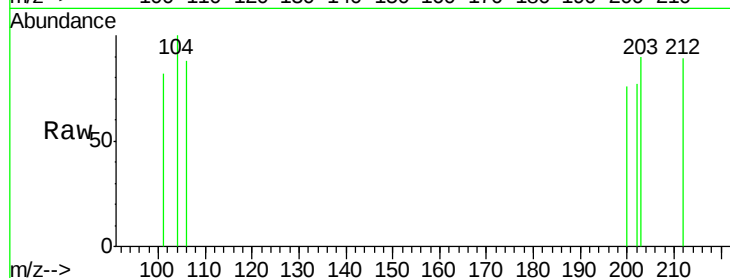
Instrument :

BNA_M

ClientSampleId :

A4KY0

Tgt Ion:	202	Resp:	7
Ion	Ratio	Lower	Upper
202	100		
101	106.3	0.0	29.6#
203	117.5	0.0	36.3#



#19

Pyrene

Concen: 0.04 ng/ul

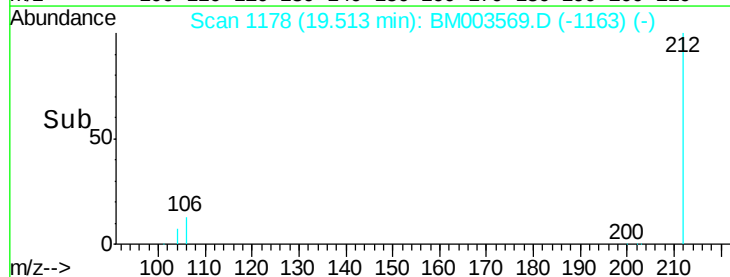
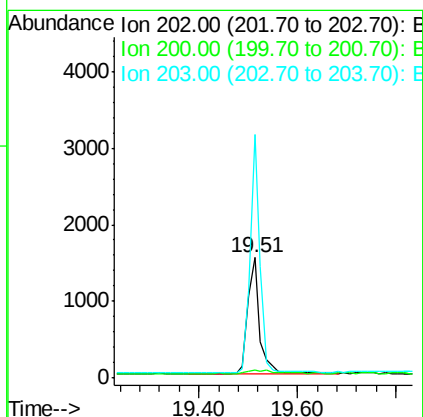
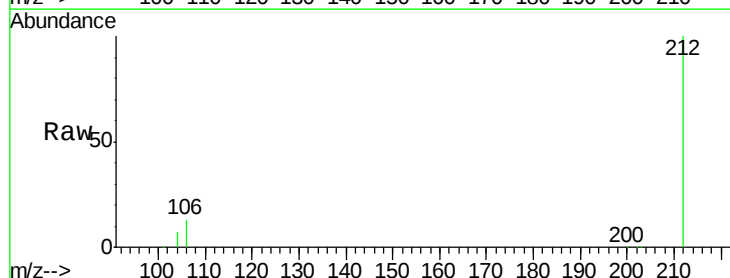
RT: 19.51 min Scan# 1178

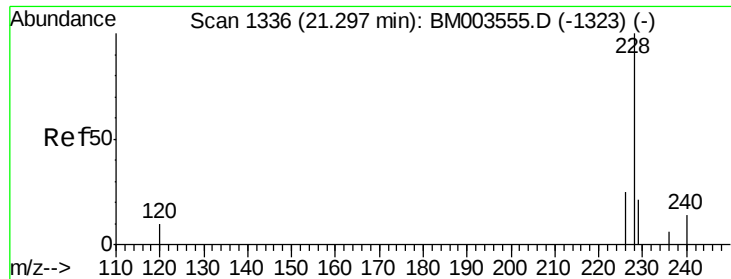
Delta R.T. -0.02 min

Lab File: BM003569.D

Acq: 16 Dec 2015 03:31

Tgt Ion:	202	Resp:	2496
Ion	Ratio	Lower	Upper
202	100		
200	6.4	17.8	26.8#
203	202.5	12.8	19.2#





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.29 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM003569.D

Acq: 16 Dec 2015 03:31

Instrument :

BNA_M

ClientSampleId :

A4KY0

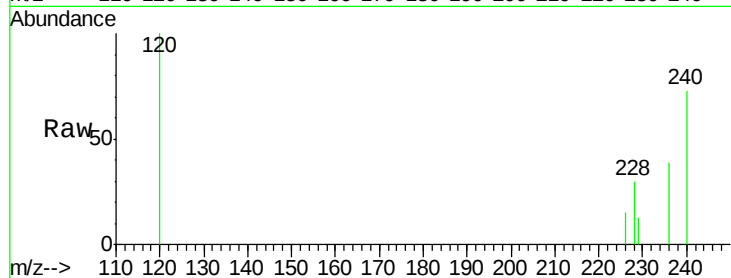
Tgt Ion:228 Resp: 395

Ion Ratio Lower Upper

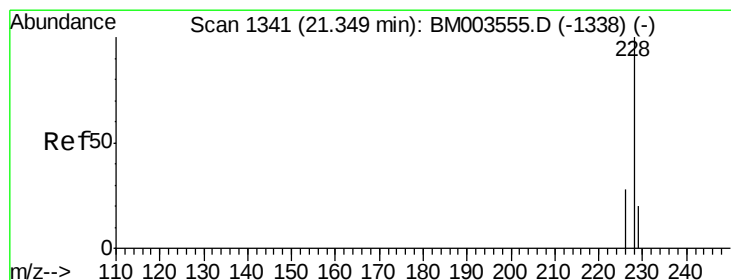
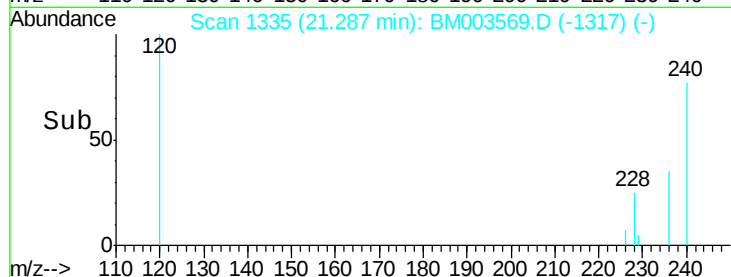
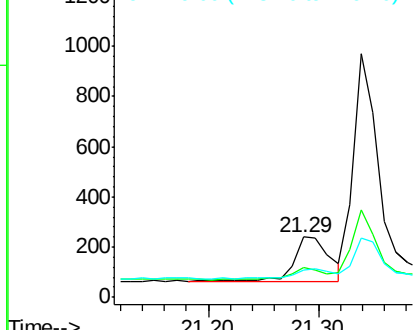
228 100

226 50.2 18.8 28.2#

229 45.6 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: 21.34 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BM003569.D

Acq: 16 Dec 2015 03:31

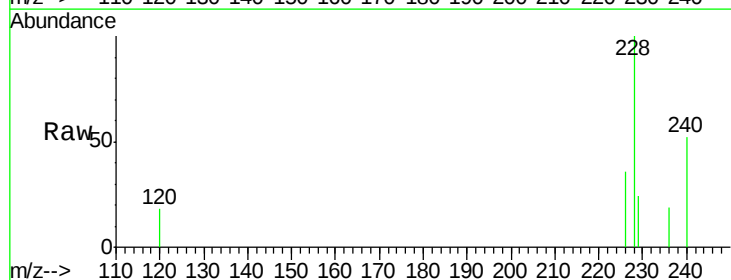
Tgt Ion:228 Resp: 1513

Ion Ratio Lower Upper

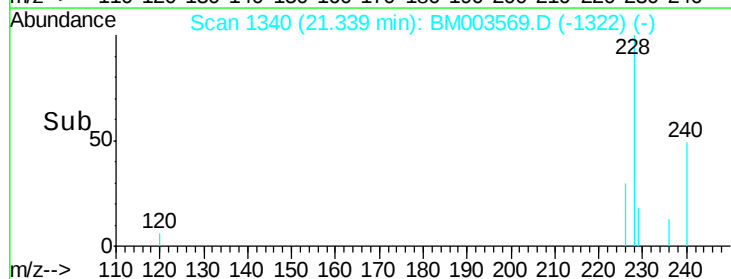
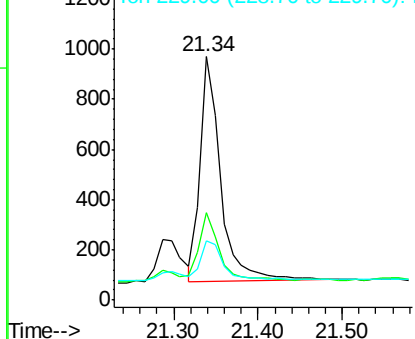
228 100

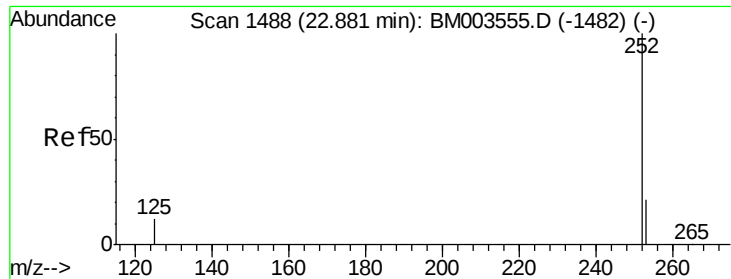
226 36.0 21.2 31.8#

229 24.4 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: 22.70 min Scan# 1471

Delta R.T. -0.18 min

Lab File: BM003569.D

Acq: 16 Dec 2015 03:31

Instrument :

BNA_M

ClientSampleId :

A4KY0

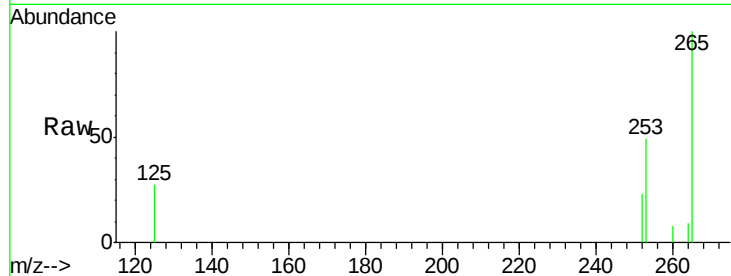
Tgt Ion:252 Resp: 28

Ion Ratio Lower Upper

252 100

253 215.2 0.0 45.4#

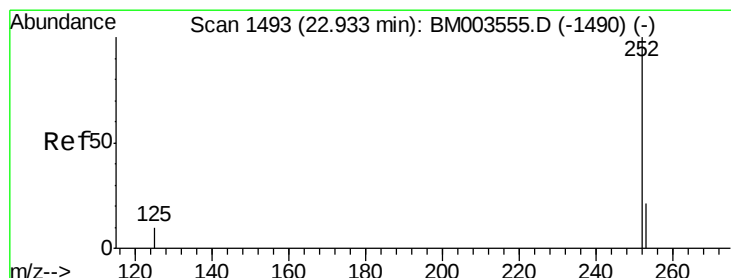
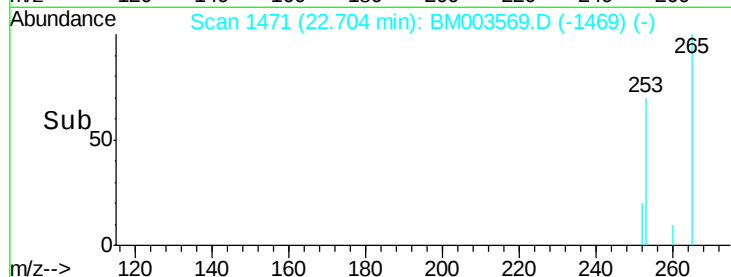
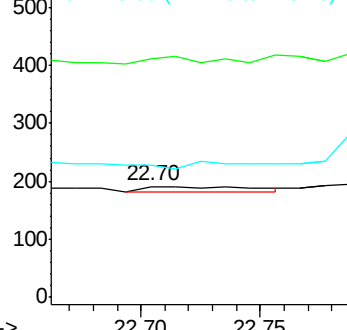
125 118.8 0.0 28.8#



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: 22.70 min Scan# 1471

Delta R.T. -0.23 min

Lab File: BM003569.D

Acq: 16 Dec 2015 03:31

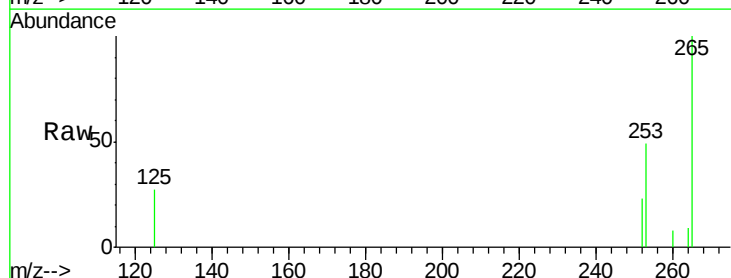
Tgt Ion:252 Resp: 28

Ion Ratio Lower Upper

252 100

253 215.2 19.8 29.8#

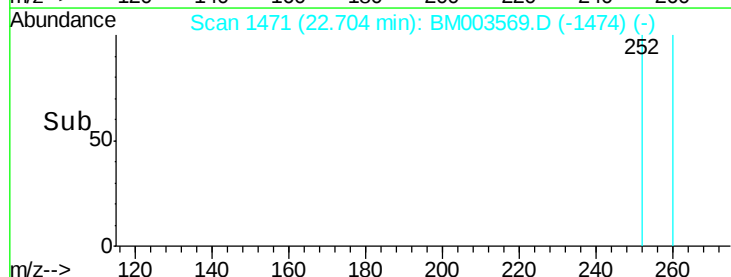
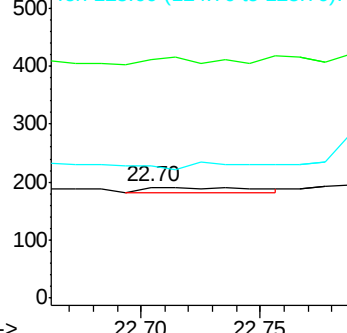
125 118.8 10.4 15.6#

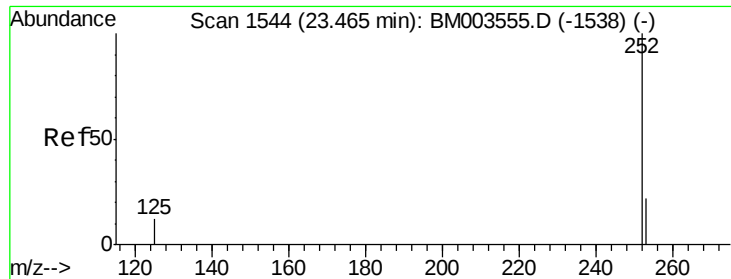


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.41 min Scan# 1539

Delta R.T. -0.05 min

Lab File: BM003569.D

Acq: 16 Dec 2015 03:31

Instrument :

BNA_M

ClientSampleId :

A4KY0

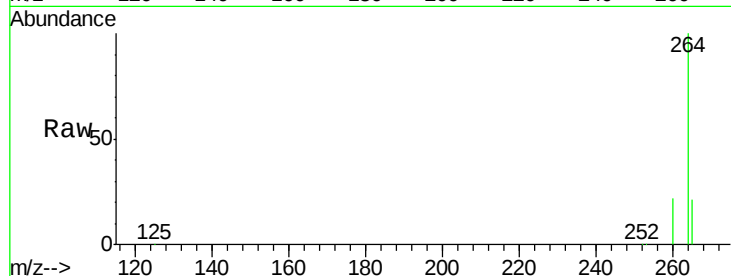
Tgt Ion: 252 Resp: 4467

Ion Ratio Lower Upper

252 100

253 42.8 19.4 29.2#

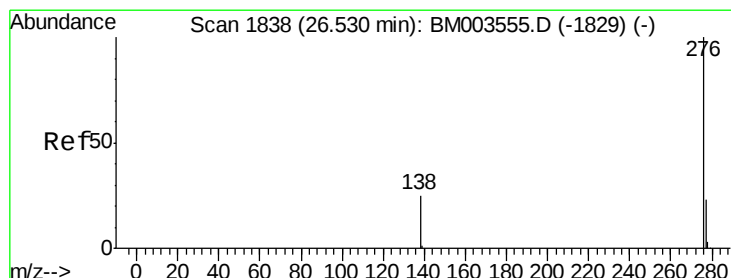
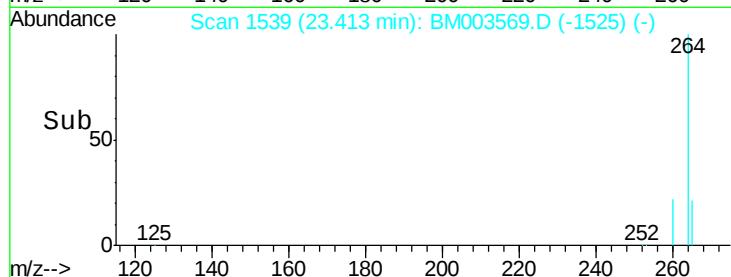
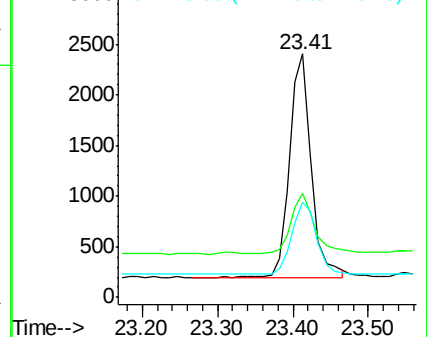
125 39.1 12.7 19.1#



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: 26.33 min Scan# 1819

Delta R.T. -0.20 min

Lab File: BM003569.D

Acq: 16 Dec 2015 03:31

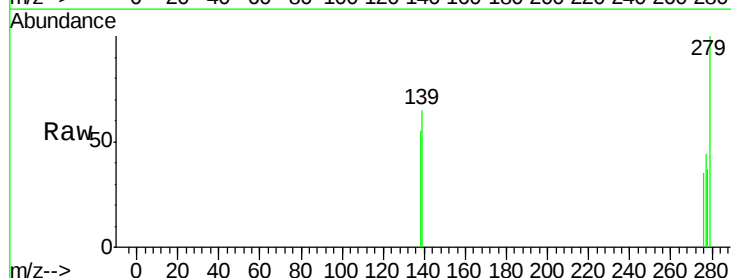
Tgt Ion: 276 Resp: 3

Ion Ratio Lower Upper

276 100

277 125.8 18.9 28.3#

138 154.8 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

