

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003266.D
 Acq On : 22 Nov 2015 01:52
 Operator : UM/IZ
 Sample : G4345-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J52

Quant Time: Nov 22 04:48:25 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 04:42:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	15446	0.40	ng/ul	0.00
4) Naphthalene-d8	10.52	136	63490	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.38	164	34931	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	2892748	0.40	ng/ul	0.10
18) Chrysene-d12	21.33	240	56173	0.40	ng/ul	0.00
22) Perylene-d12	23.44	264	1979191	0.40	ng/ul	-0.14

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	73780	4.47	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	19827	0.23	ng/ul	0.00
16) Fluoranthene-d10	19.16	212	26892	0.00	ng/ul	0.00

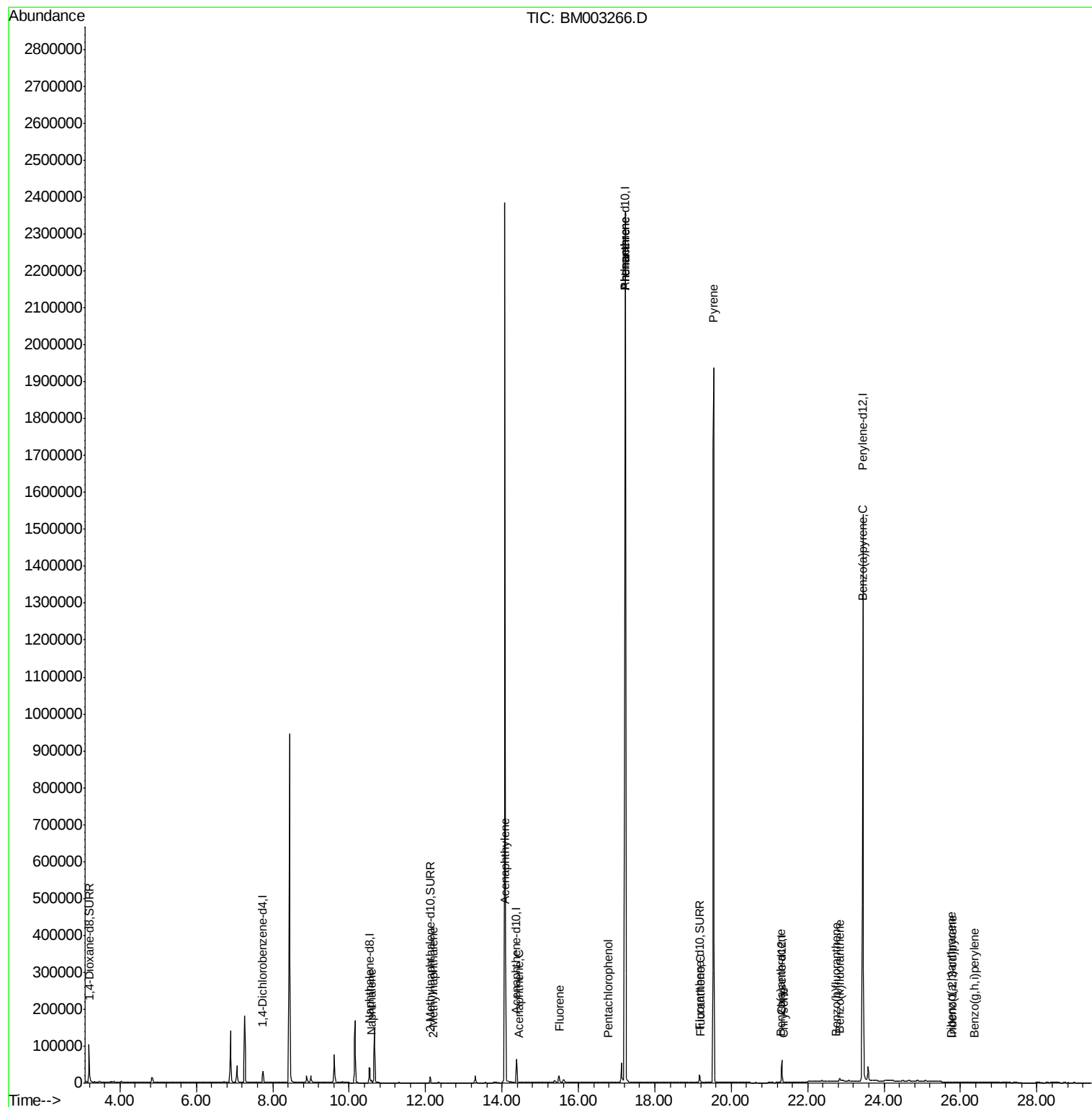
Target Compounds				Qvalue		
5) Naphthalene	10.57	128	9746	0.06	ng/ul#	94
7) 2-Methylnaphthalene	12.19	142	315	0.00	ng/ul#	100
9) Acenaphthylene	14.09	152	1205	0.01	ng/ul#	32
10) Acenaphthene	14.43	153	420	0.00	ng/ul#	75
11) Fluorene	15.49	166	328	0.00	ng/ul#	1
13) Pentachlorophenol	16.78	266	685	0.00	ng/ul	95
14) Phenanthrene	17.23	178	2075	0.00	ng/ul#	1
15) Anthracene	17.23	178	2003	0.00	ng/ul#	1
17) Fluoranthene	19.20	202	4461	0.00	ng/ul	84
19) Pyrene	19.53	202	6431	0.03	ng/ul#	1
20) Benzo(a)anthracene	21.31	228	1181	0.01	ng/ul#	40
21) Chrysene	21.36	228	709	0.00	ng/ul#	51
23) Benzo(b)fluoranthene	22.73	252	59	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.84	252	148	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.43	252	8514	0.00	ng/ul#	40
26) Indeno(1,2,3-cd)pyrene	25.78	276	21	0.00	ng/ul#	53
27) Dibenzo(a,h)anthracene	25.76	278	21	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.35	276	83	0.00	ng/ul#	1

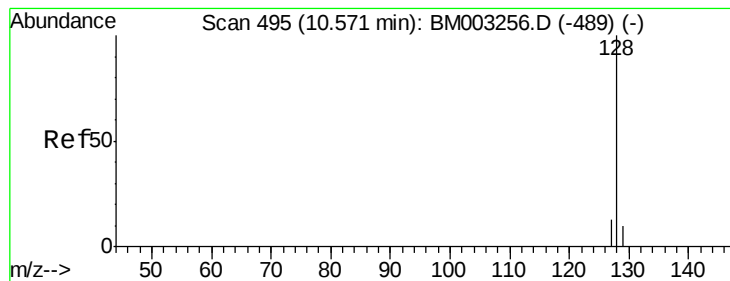
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.06 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. -0.00 min

Lab File: BM003266.D

Acq: 22 Nov 2015 01:52

Instrument :

BNA_M

ClientSampleId :

A4J52

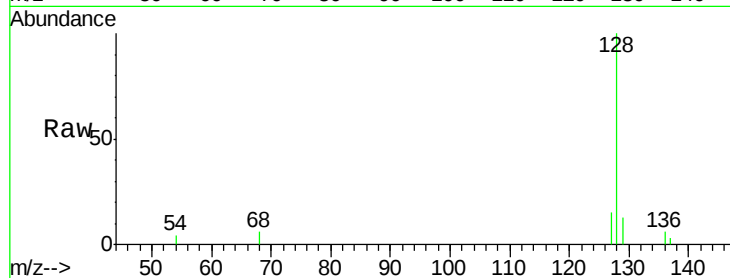
Tgt Ion:128 Resp: 9746

Ion Ratio Lower Upper

128 100

129 13.2 9.0 13.6

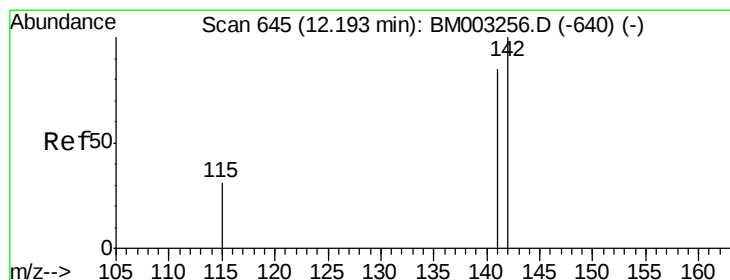
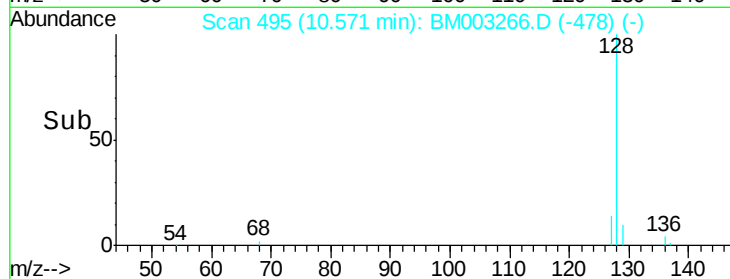
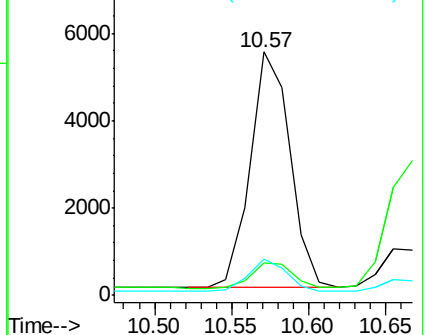
127 15.0 9.6 14.4#



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: 12.19 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM003266.D

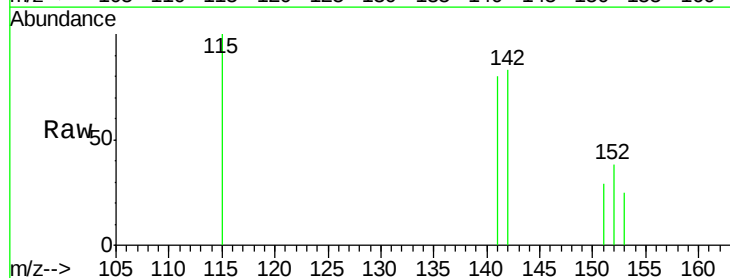
Acq: 22 Nov 2015 01:52

Tgt Ion:142 Resp: 315

Ion Ratio Lower Upper

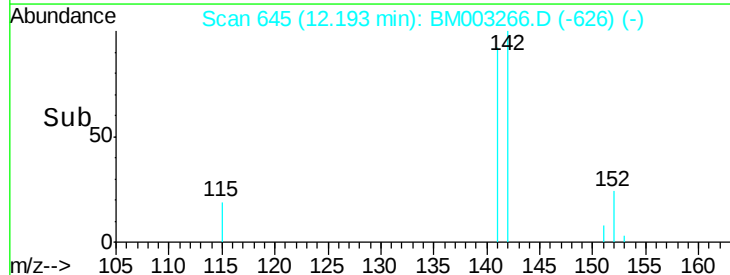
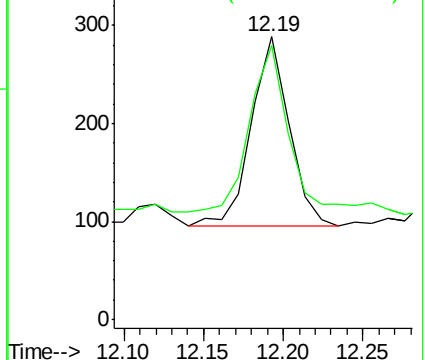
142 100

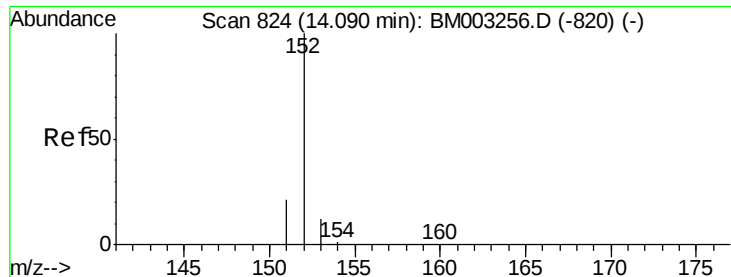
141 99.0 0.0 0.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003266.D

Acq: 22 Nov 2015 01:52

Instrument :

BNA_M

ClientSampleId :

A4J52

Tgt Ion:152 Resp: 1205

Ion Ratio Lower Upper

152 100

151 49.2 17.6 26.4#

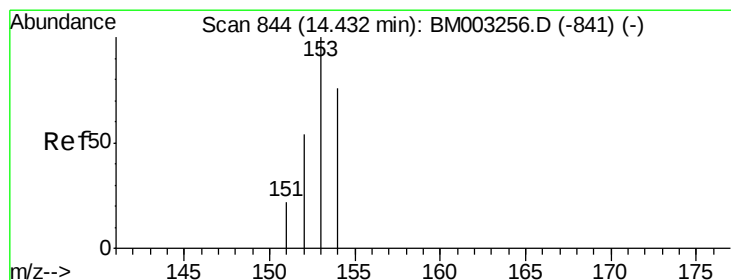
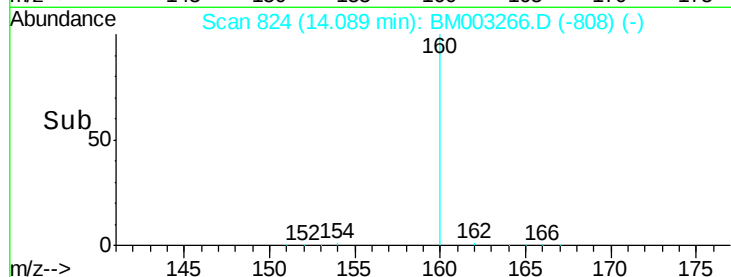
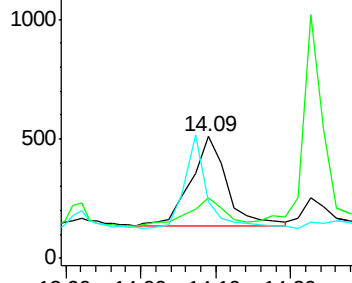
153 46.7 9.7 14.5#



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# 844

Delta R.T. -0.00 min

Lab File: BM003266.D

Acq: 22 Nov 2015 01:52

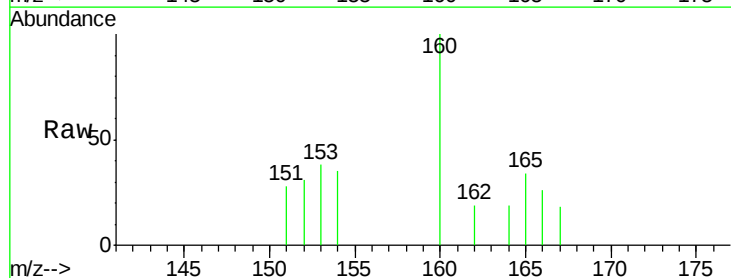
Tgt Ion:153 Resp: 420

Ion Ratio Lower Upper

153 100

152 80.8 33.9 50.9#

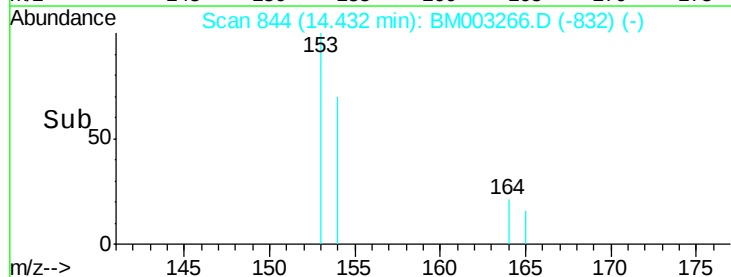
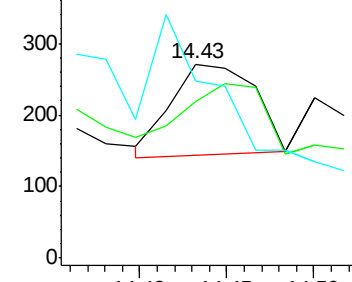
154 91.1 80.6 121.0

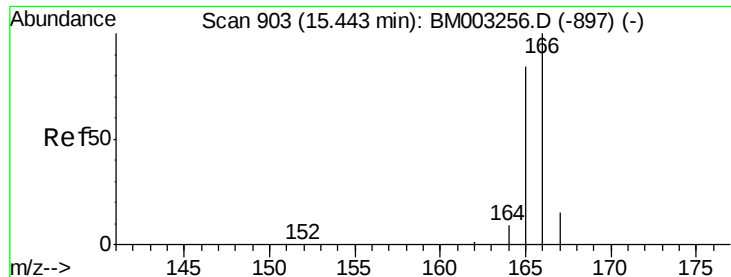


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

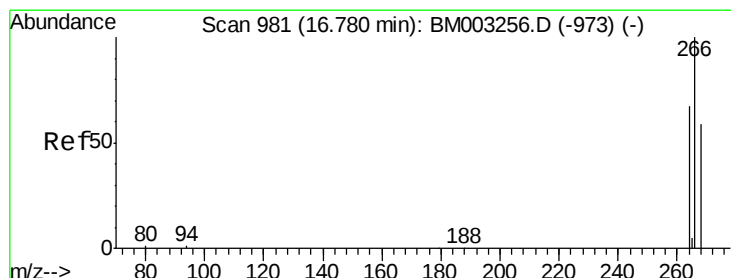
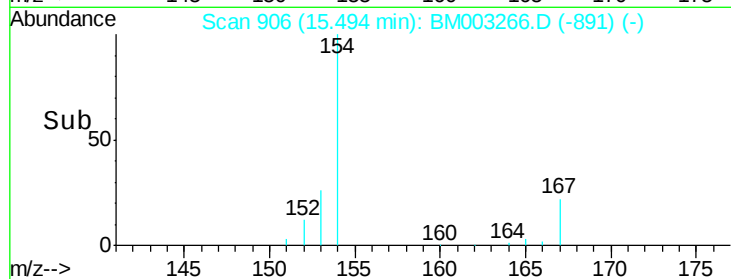
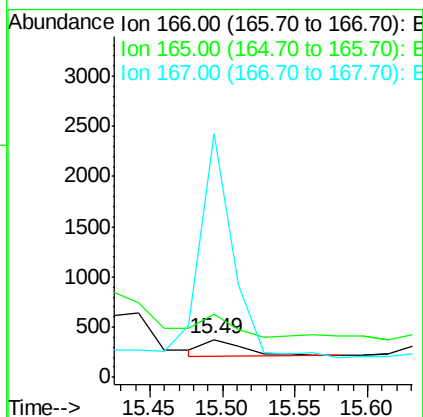
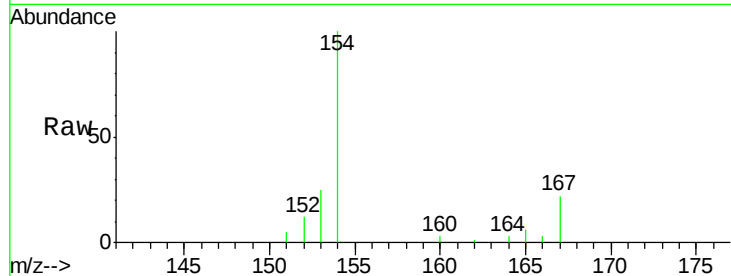




#11
Fluorene
 Concen: 0.00 ng/ul
 RT: 15.49 min Scan# 906
 Delta R.T. 0.05 min
 Lab File: BM003266.D
 Acq: 22 Nov 2015 01:52

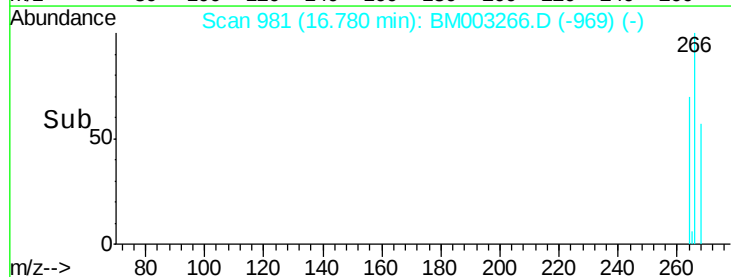
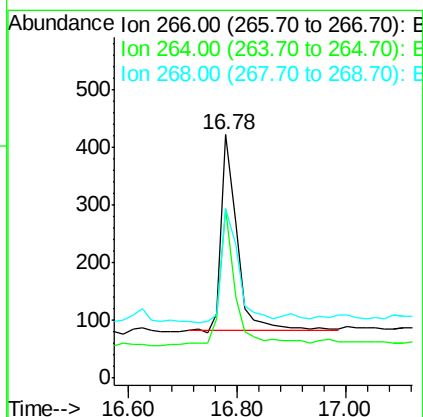
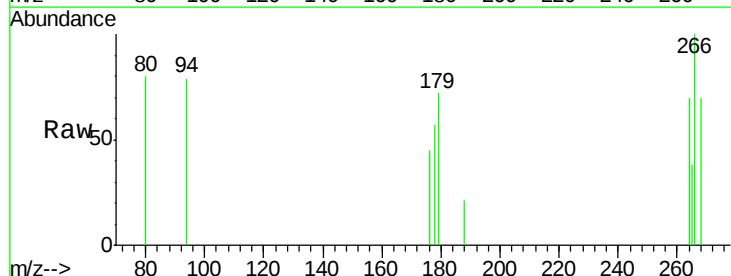
Instrument :
 BNA_M
 ClientSampleId :
 A4J52

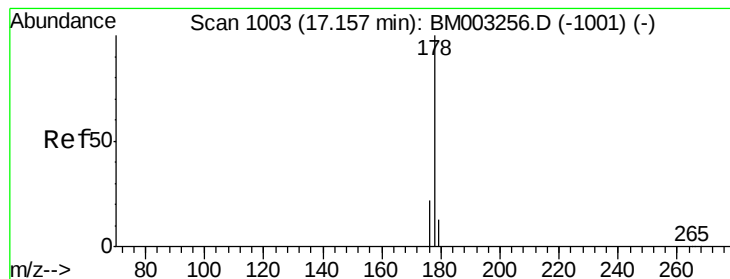
Tgt Ion:166 Resp: 328
 Ion Ratio Lower Upper
 166 100
 165 168.8 69.6 104.4#
 167 646.4 11.9 17.9#



#13
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.78 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BM003266.D
 Acq: 22 Nov 2015 01:52

Tgt Ion:266 Resp: 685
 Ion Ratio Lower Upper
 266 100
 264 62.0 51.8 77.8
 268 63.5 46.8 70.2





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1007

Delta R.T. 0.07 min

Lab File: BM003266.D

Acq: 22 Nov 2015 01:52

Instrument :

BNA_M

ClientSampleId :

A4J52

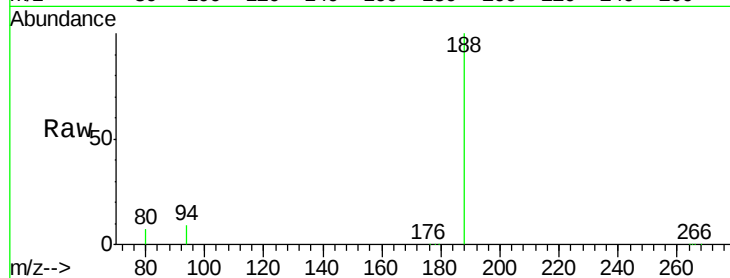
Tgt Ion:178 Resp: 2075

Ion Ratio Lower Upper

178 100

176 19.6 13.0 19.4#

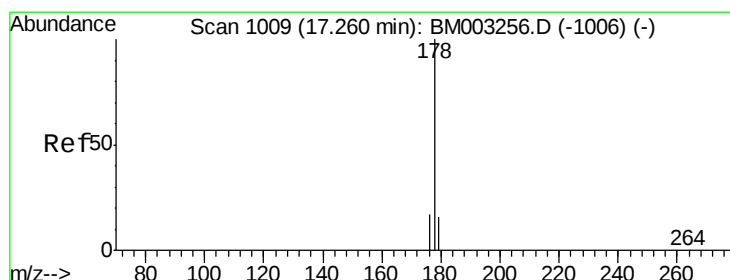
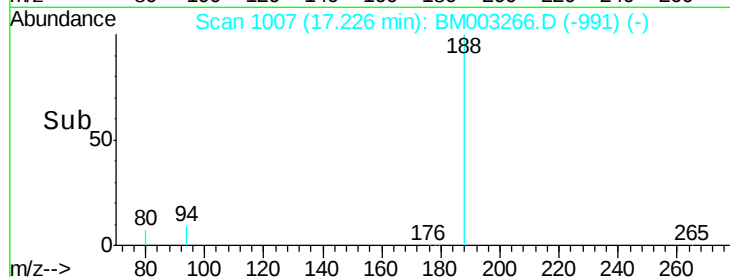
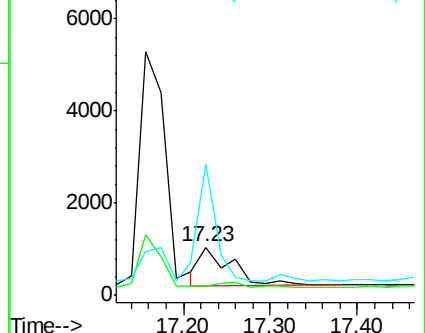
179 272.2 14.2 21.2#



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: 17.23 min Scan# 1007

Delta R.T. -0.03 min

Lab File: BM003266.D

Acq: 22 Nov 2015 01:52

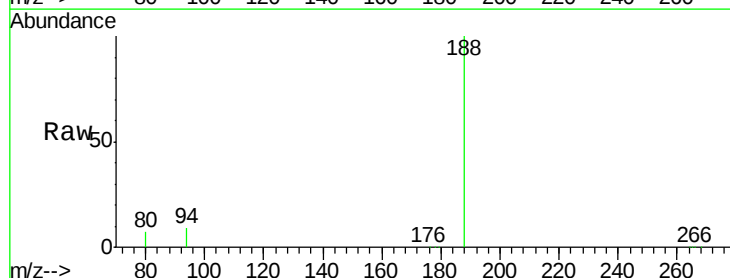
Tgt Ion:178 Resp: 2003

Ion Ratio Lower Upper

178 100

176 19.6 14.0 21.0

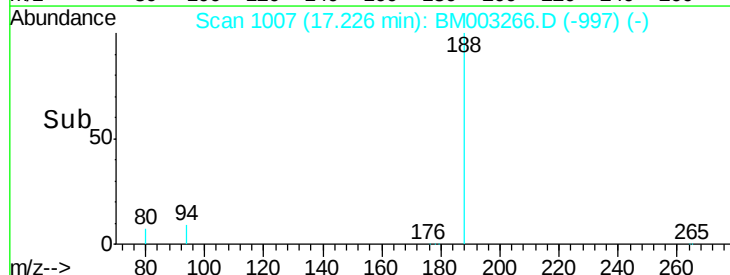
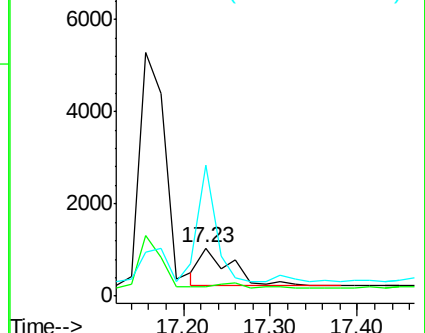
179 272.2 12.9 19.3#

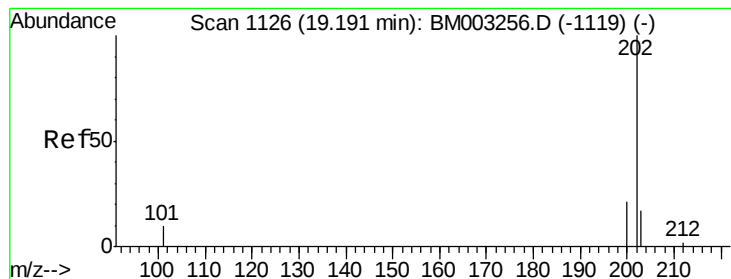


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.20 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BM003266.D

Acq: 22 Nov 2015 01:52

Instrument :

BNA_M

ClientSampleId :

A4J52

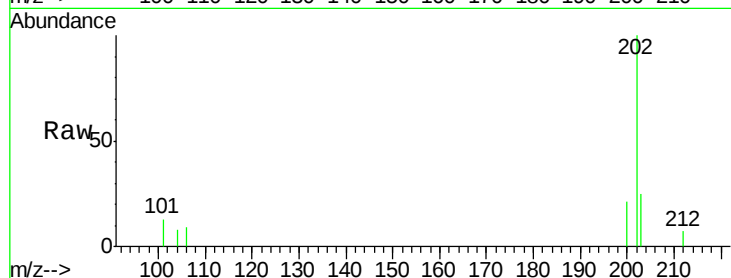
Tgt Ion:202 Resp: 4461

Ion Ratio Lower Upper

202 100

101 13.2 0.0 29.6

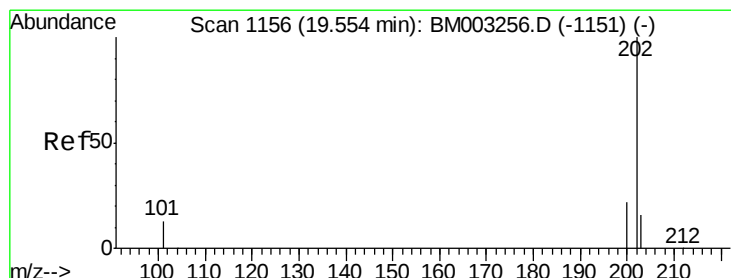
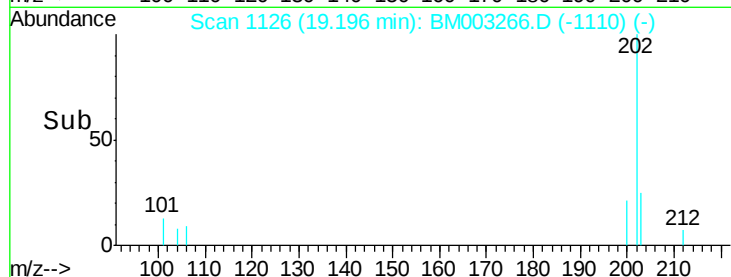
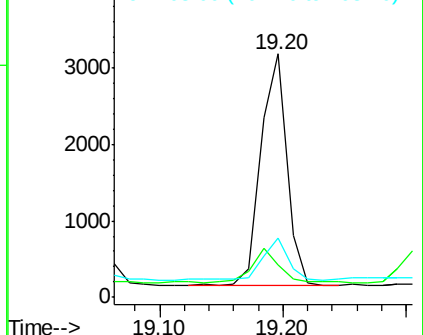
203 24.6 0.0 36.3



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: 0.03 ng/ul

RT: 19.53 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BM003266.D

Acq: 22 Nov 2015 01:52

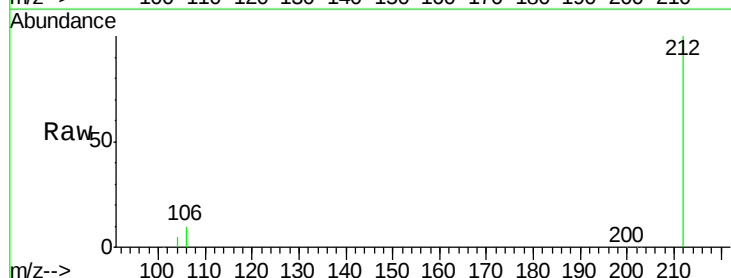
Tgt Ion:202 Resp: 6431

Ion Ratio Lower Upper

202 100

200 8.5 17.8 26.8#

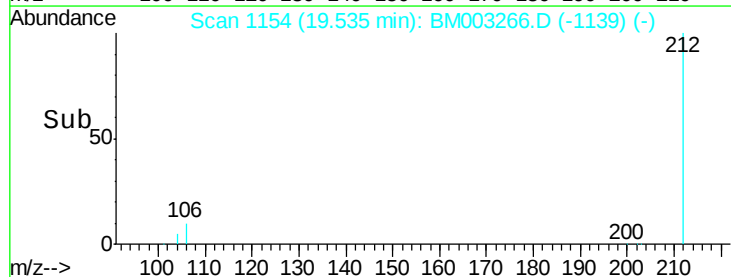
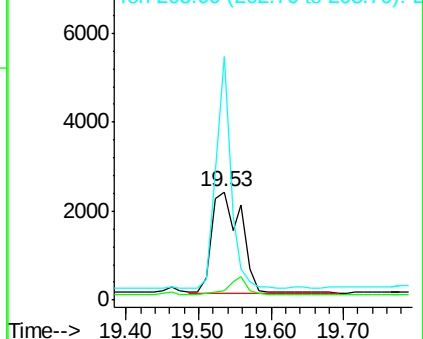
203 225.1 12.8 19.2#

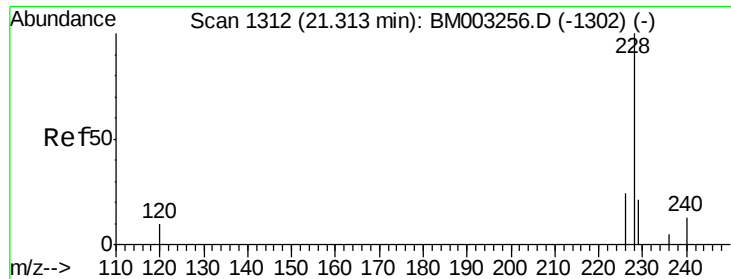


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.31 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BM003266.D

Acq: 22 Nov 2015 01:52

Instrument :

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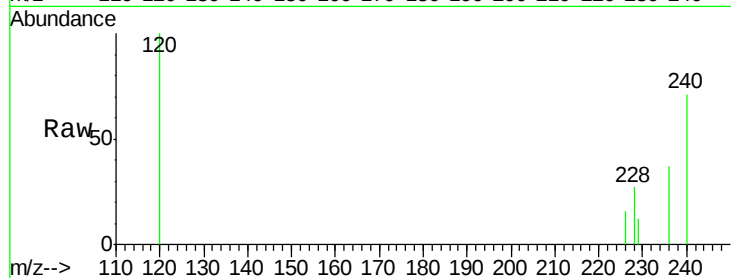
Tgt Ion:228 Resp: 1181

Ion Ratio Lower Upper

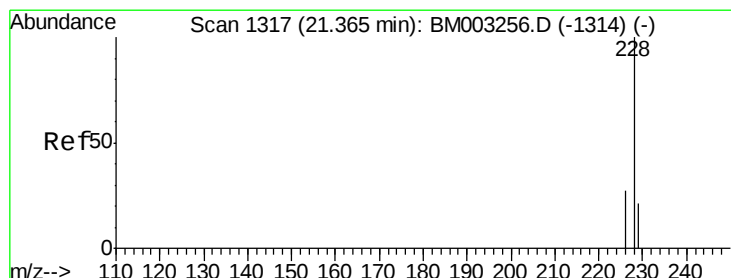
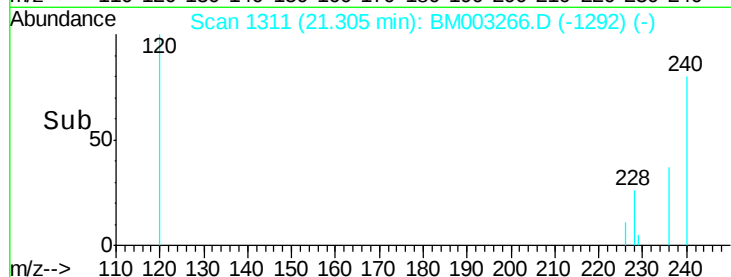
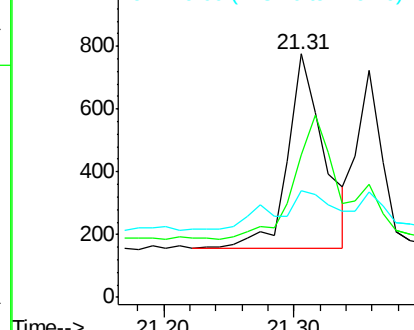
228 100

226 58.6 18.8 28.2#

229 43.7 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: 0.00 ng/ul

RT: 21.36 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BM003266.D

Acq: 22 Nov 2015 01:52

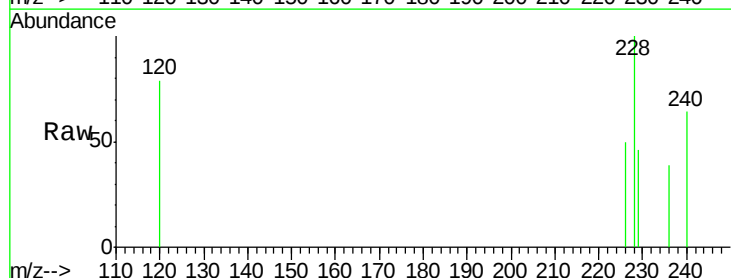
Tgt Ion:228 Resp: 709

Ion Ratio Lower Upper

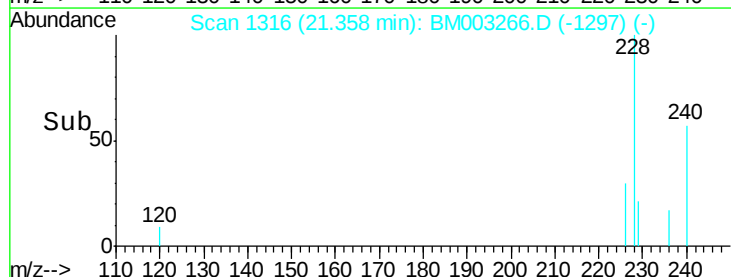
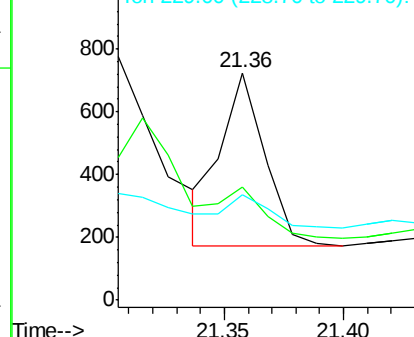
228 100

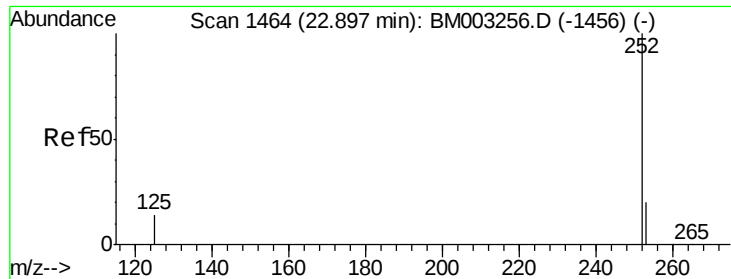
226 49.7 21.2 31.8#

229 46.3 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: 22.73 min Scan# 1448

Delta R.T. -0.16 min

Lab File: BM003266.D

Acq: 22 Nov 2015 01:52

Instrument :

BNA_M

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A4J52

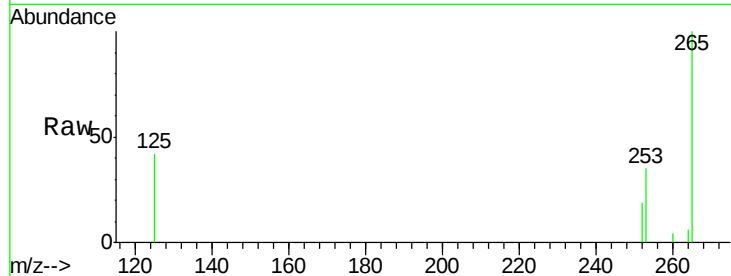
Tgt Ion:252 Resp: 59

Ion Ratio Lower Upper

252 100

253 182.4 0.0 45.4#

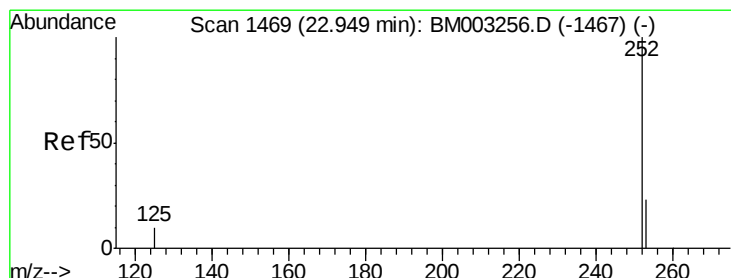
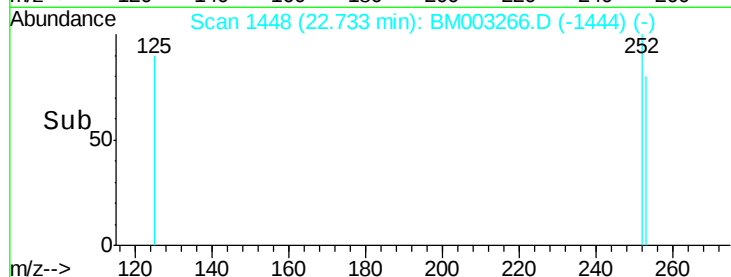
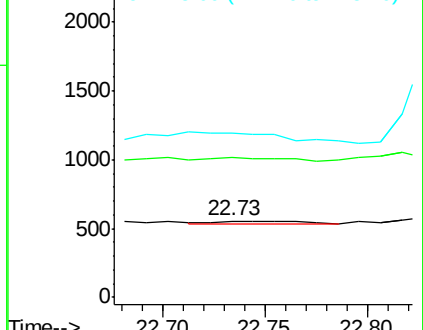
125 215.6 0.0 28.8#



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: 0.00 ng/u1

RT: 22.84 min Scan# 1458

Delta R.T. -0.11 min

Lab File: BM003266.D

Acq: 22 Nov 2015 01:52

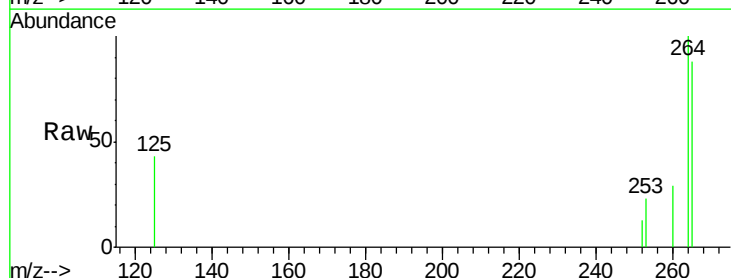
Tgt Ion:252 Resp: 148

Ion Ratio Lower Upper

252 100

253 175.9 19.8 29.8#

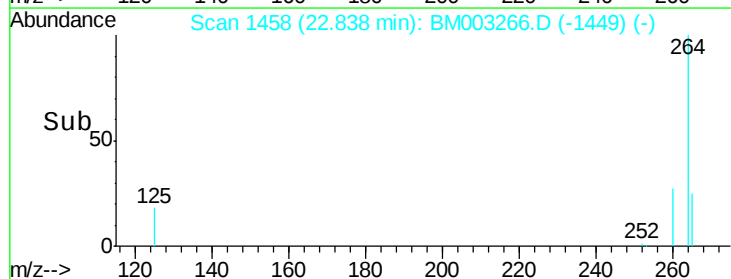
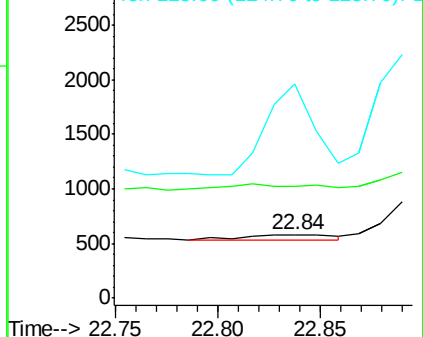
125 336.6 10.4 15.6#

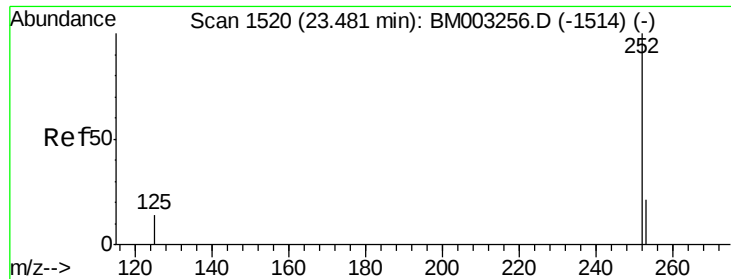


Abundance Ion 252.00 (251.70 to 252.70): E

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/u1

RT: 23.43 min Scan# 1515

Delta R.T. -0.05 min

Lab File: BM003266.D

Acq: 22 Nov 2015 01:52

Instrument :

BNA_M

ClientSampleId :

A4J52

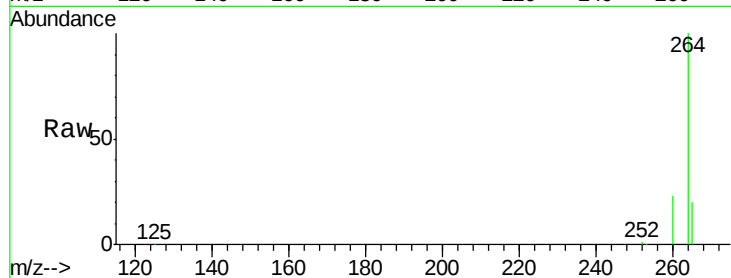
Tgt Ion:252 Resp: 8514

Ion Ratio Lower Upper

252 100

253 46.6 19.4 29.2#

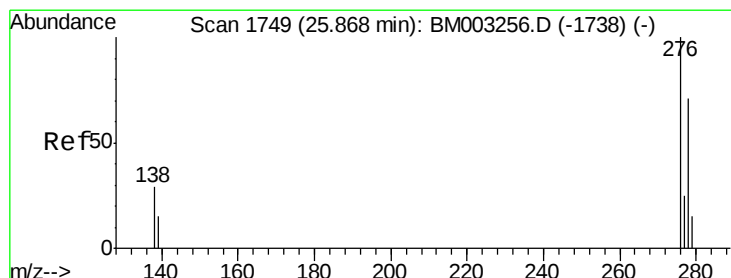
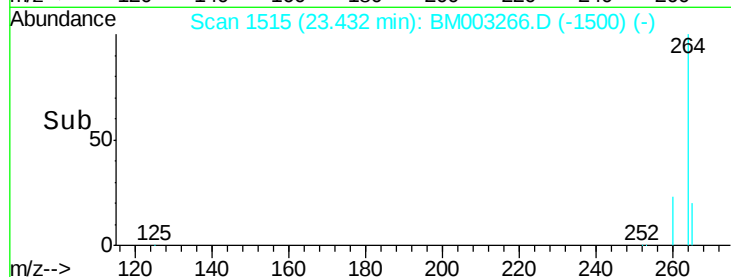
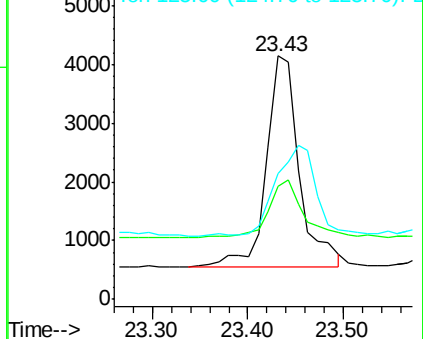
125 51.5 12.7 19.1#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/u1

RT: 25.78 min Scan# 1740

Delta R.T. -0.09 min

Lab File: BM003266.D

Acq: 22 Nov 2015 01:52

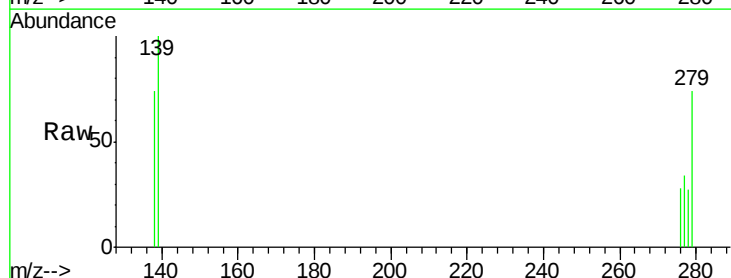
Tgt Ion:276 Resp: 21

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

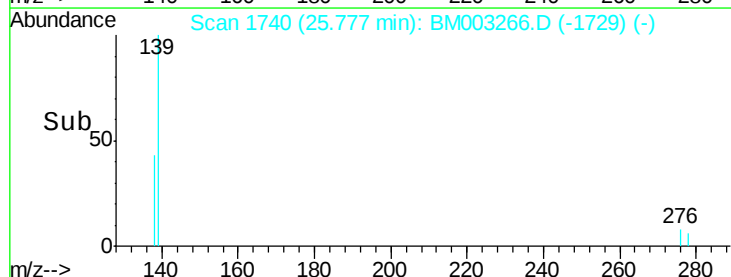
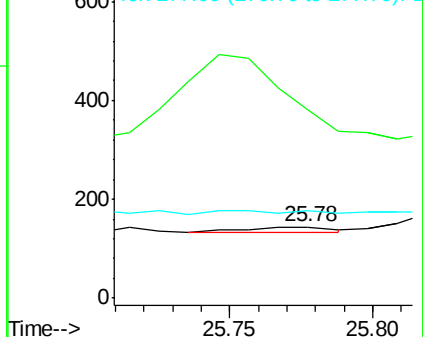
277 0.0 19.8 29.8#

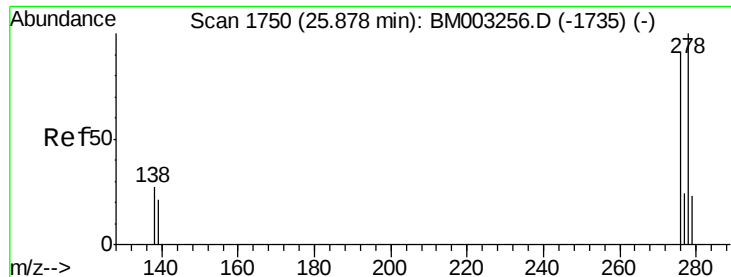


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.76 min Scan# 1738

Delta R.T. -0.12 min

Lab File: BM003266.D

Acq: 22 Nov 2015 01:52

Instrument :

BNA_M

ClientSampleId :

A4J52

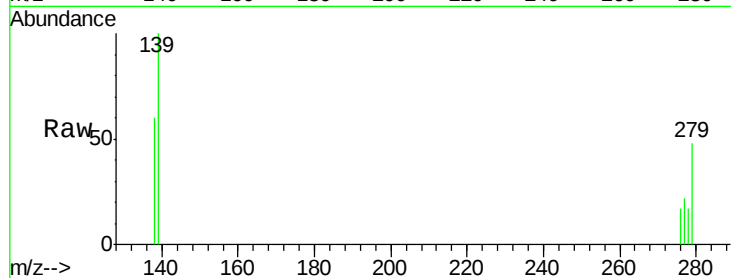
Tgt Ion:278 Resp: 21

Ion Ratio Lower Upper

278 100

139 581.9 16.4 24.6#

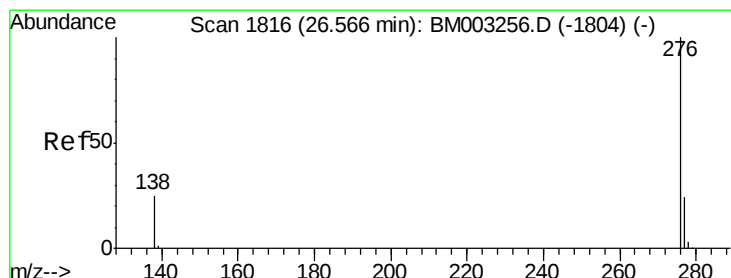
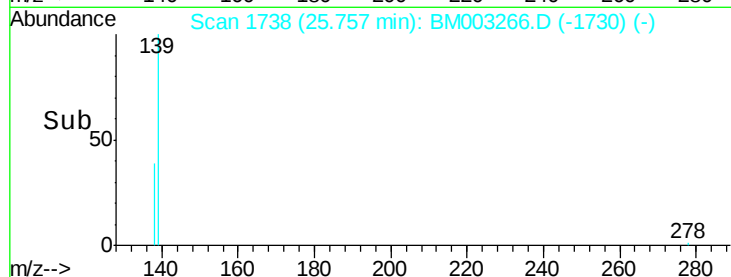
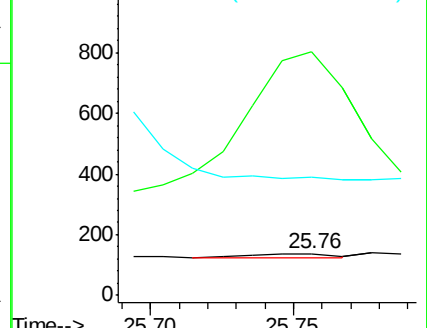
279 281.9 20.2 30.2#



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: 26.35 min Scan# 1795

Delta R.T. -0.22 min

Lab File: BM003266.D

Acq: 22 Nov 2015 01:52

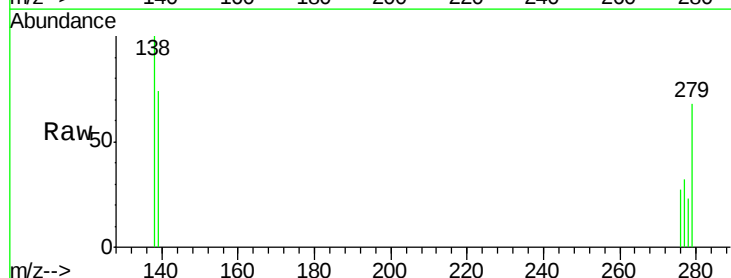
Tgt Ion:276 Resp: 83

Ion Ratio Lower Upper

276 100

277 117.1 18.9 28.3#

138 368.4 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

