

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003273.D
 Acq On : 22 Nov 2015 06:03
 Operator : UM/IZ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.461

Quant Time: Nov 22 06:35:16 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	15840	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	59343	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	28182	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	58380	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	61654	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	60014	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.20	96	16110	0.95	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	32728	0.41	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	62219	0.44	ng/ul	0.00

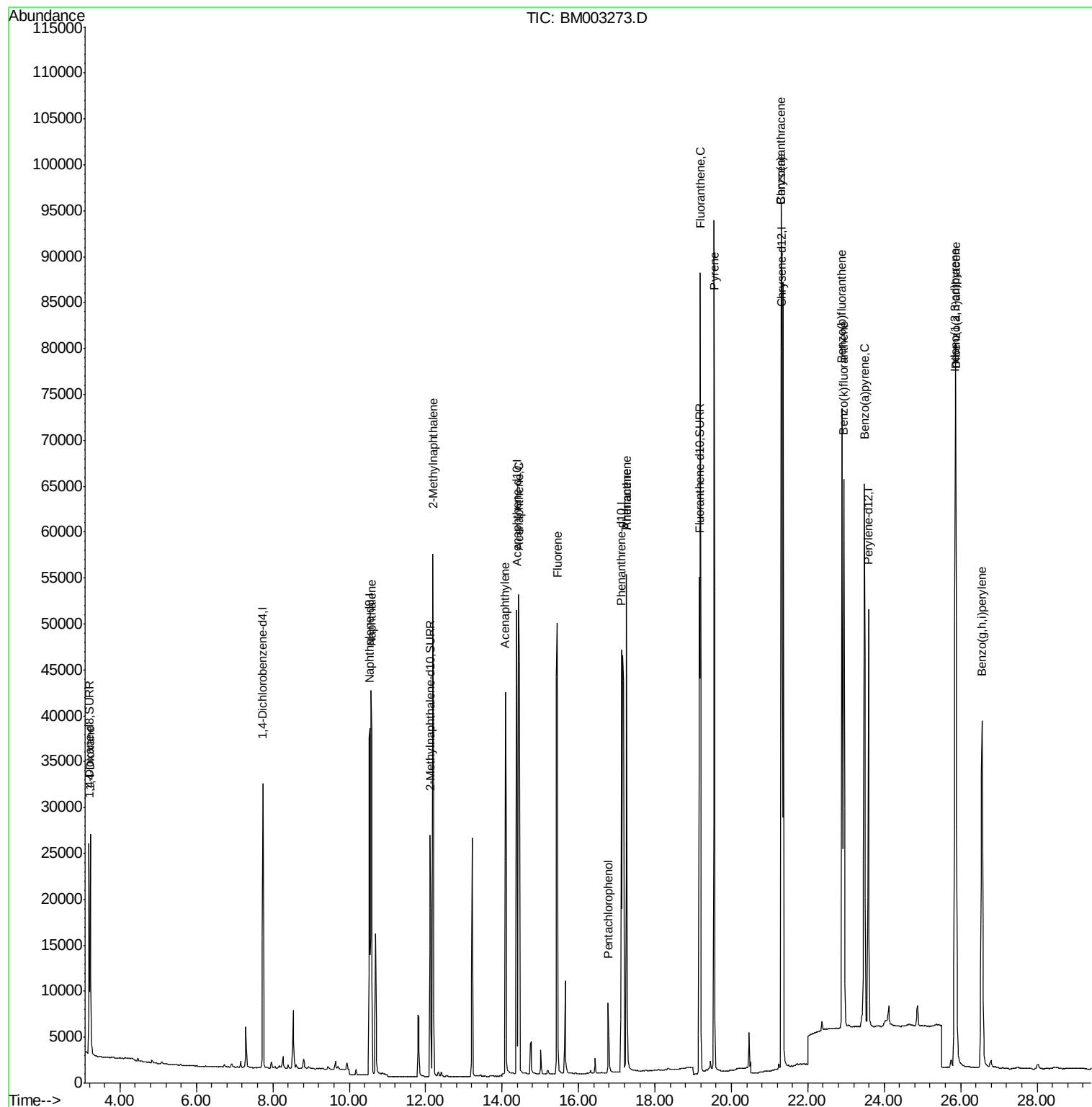
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	3.23	88	18276	0.95	ng/ul#	100
5) Naphthalene	10.57	128	62032	0.41	ng/ul	97
7) 2-Methylnaphthalene	12.19	142	41173	0.42	ng/ul#	100
9) Acenaphthylene	14.09	152	54897	0.47	ng/ul	99
10) Acenaphthene	14.43	153	41163	0.42	ng/ul#	76
11) Fluorene	15.44	166	44561	0.42	ng/ul	97
13) Pentachlorophenol	16.78	266	6139	0.45	ng/ul	96
14) Phenanthrene	17.26	178	63417	0.37	ng/ul	97
15) Anthracene	17.26	178	65135	0.46	ng/ul	100
17) Fluoranthene	19.19	202	81161	0.43	ng/ul	99
19) Pyrene	19.55	202	85986	0.41	ng/ul	99
20) Benzo(a)anthracene	21.30	228	83285	0.47	ng/ul#	90
21) Chrysene	21.30	228	83283	0.41	ng/ul	93
23) Benzo(b)fluoranthene	22.90	252	84933	0.37	ng/ul	100
24) Benzo(k)fluoranthene	22.94	252	83284	0.39	ng/ul	95
25) Benzo(a)pyrene	23.48	252	84403	0.42	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.86	276	95472	0.39	ng/ul#	91
27) Dibenzo(a,h)anthracene	25.88	278	76820	0.39	ng/ul	99
28) Benzo(g,h,i)perylene	26.56	276	80519	0.38	ng/ul	99

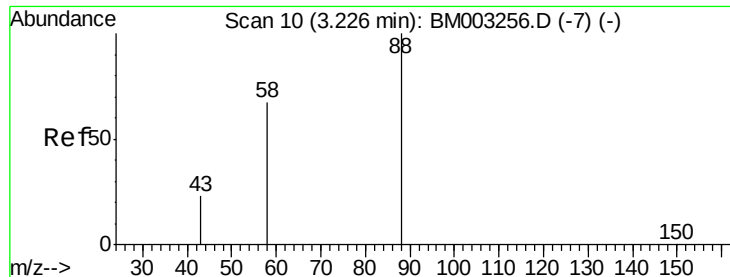
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
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Quant Time: Nov 22 06:35:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM11815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 04:42:03 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.95 ng/ul

RT: 3.23 min Scan# 10

Delta R.T. -0.00 min

Lab File: BM003273.D

Acq: 22 Nov 2015 06:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.461

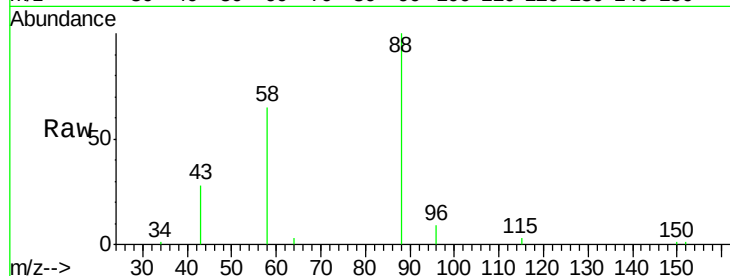
Tgt Ion: 88 Resp: 18276

Ion Ratio Lower Upper

88 100

58 58.7 0.0 0.0#

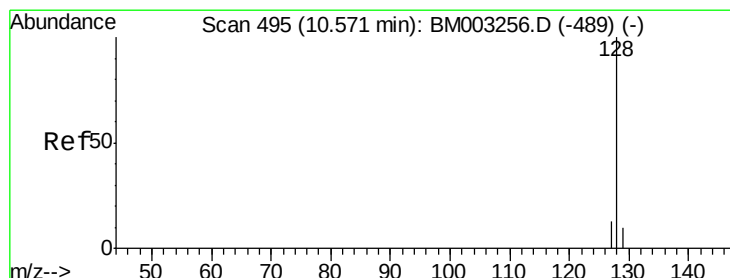
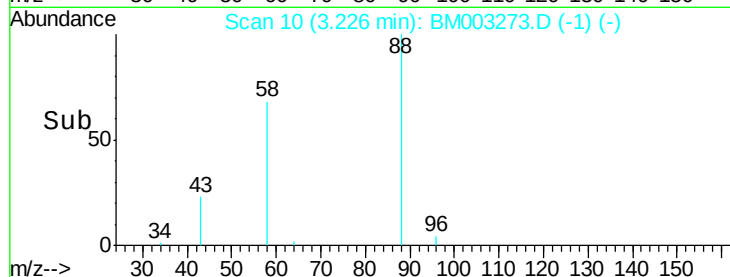
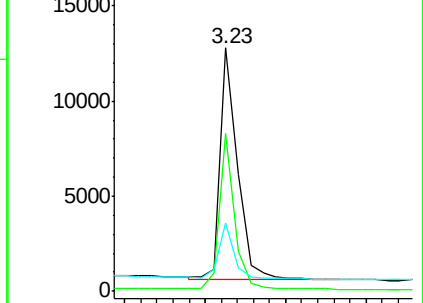
43 23.6 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM003273.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM003273.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM003273.D (-1) (-)



#5

Naphthalene

Concen: 0.41 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. -0.00 min

Lab File: BM003273.D

Acq: 22 Nov 2015 06:03

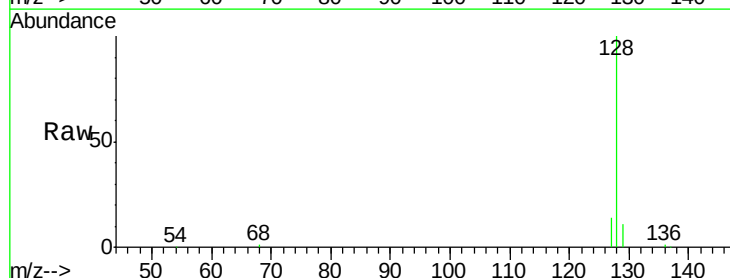
Tgt Ion: 128 Resp: 62032

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

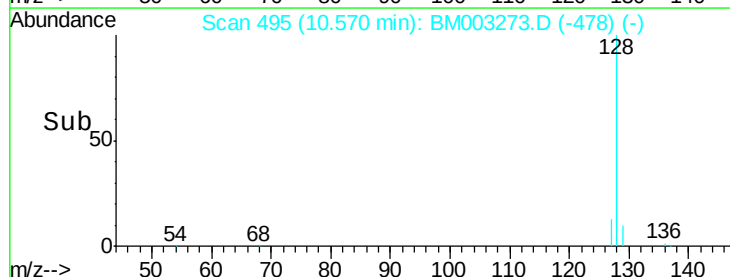
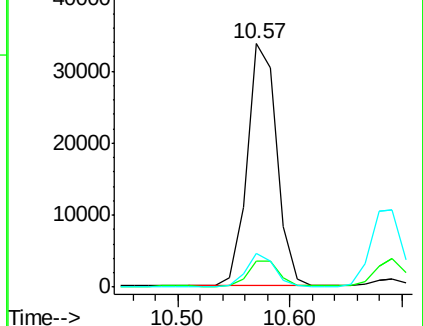
127 13.7 9.6 14.4

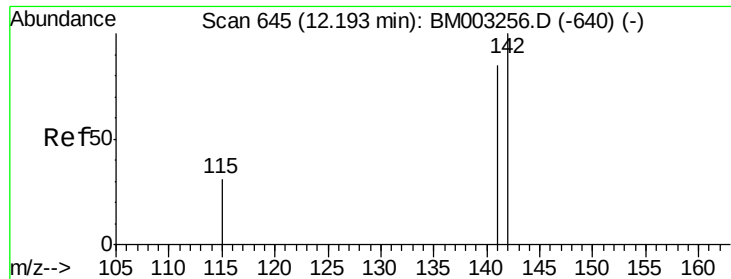


Abundance Ion 128.00 (127.70 to 128.70): BM003273.D (-478) (-)

Ion 129.00 (128.70 to 129.70): BM003273.D (-478) (-)

Ion 127.00 (126.70 to 127.70): BM003273.D (-478) (-)





#7

2-Methylnaphthalene

Concen: 0.42 ng/ul

RT: 12.19 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM003273.D

Acq: 22 Nov 2015 06:03

Instrument :

BNA_M

ClientSampleId :

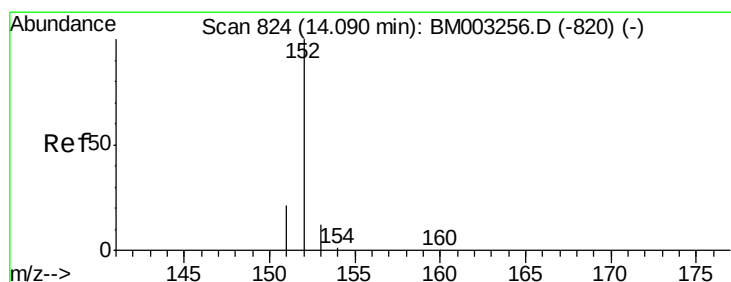
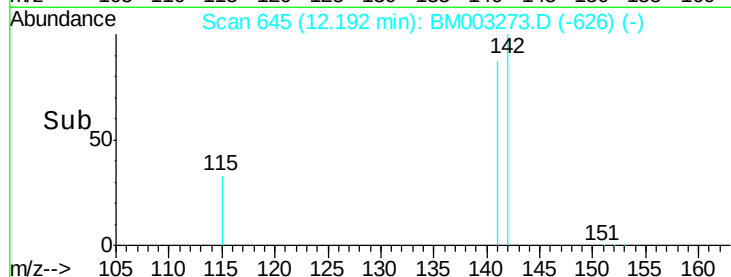
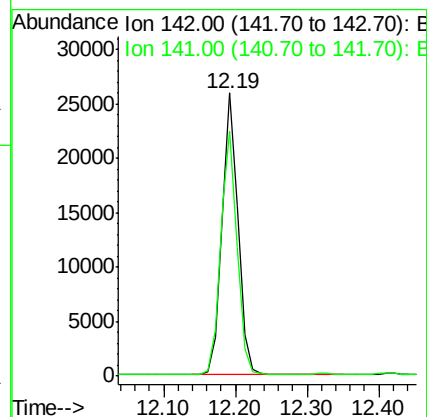
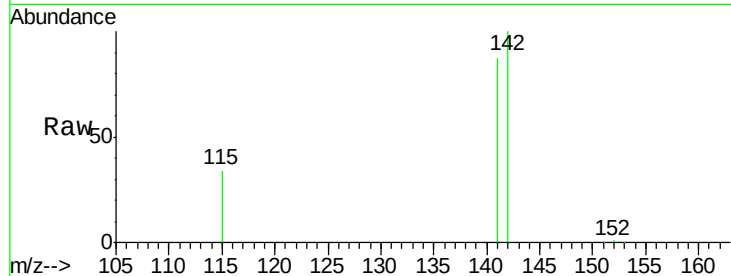
SSTD0.461

Tgt Ion:142 Resp: 41173

Ion Ratio Lower Upper

142 100

141 88.1 0.0 0.0#



#9

Acenaphthylene

Concen: 0.47 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003273.D

Acq: 22 Nov 2015 06:03

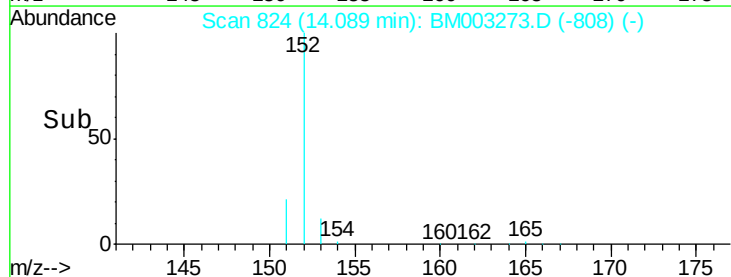
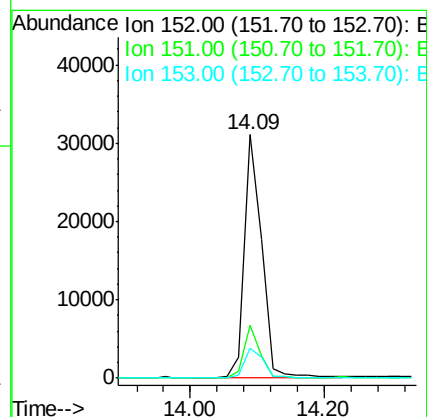
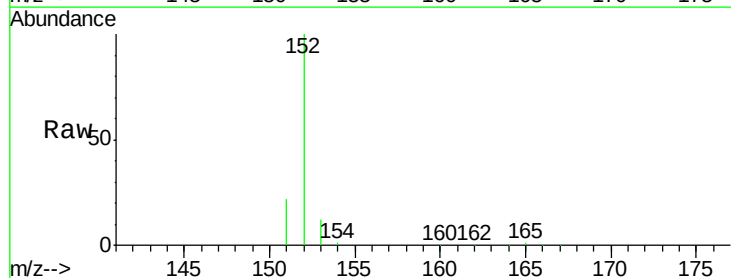
Tgt Ion:152 Resp: 54897

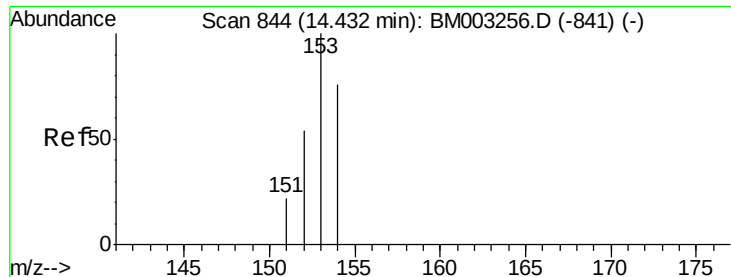
Ion Ratio Lower Upper

152 100

151 21.5 17.6 26.4

153 12.2 9.7 14.5





#10

Acenaphthene

Concen: 0.42 ng/ul

RT: 14.43 min Scan# 844

Delta R.T. -0.00 min

Lab File: BM003273.D

Acq: 22 Nov 2015 06:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.461

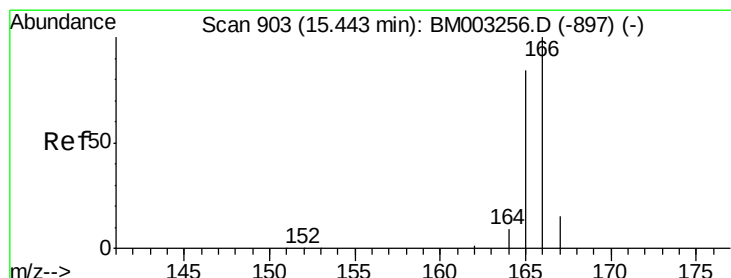
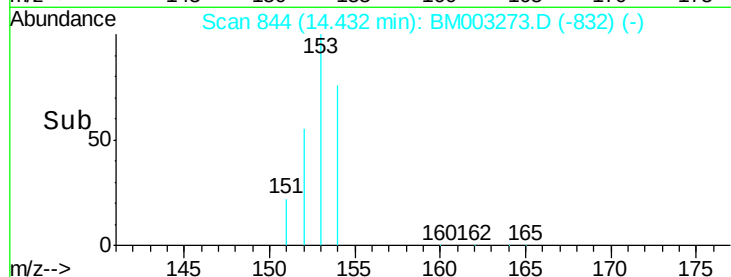
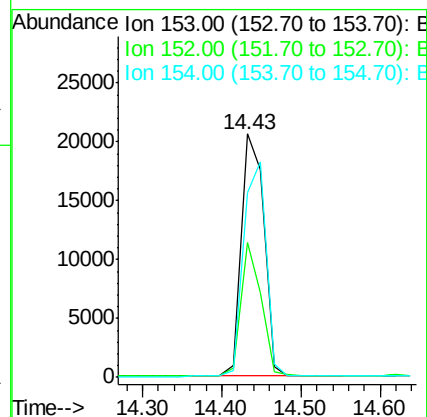
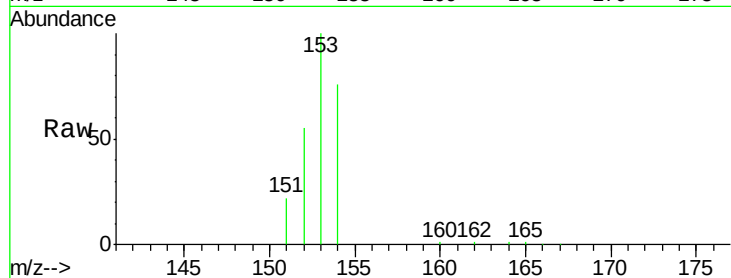
Tgt Ion:153 Resp: 41163

Ion Ratio Lower Upper

153 100

152 55.4 33.9 50.9#

154 75.7 80.6 121.0#



#11

Fluorene

Concen: 0.42 ng/ul

RT: 15.44 min Scan# 903

Delta R.T. -0.00 min

Lab File: BM003273.D

Acq: 22 Nov 2015 06:03

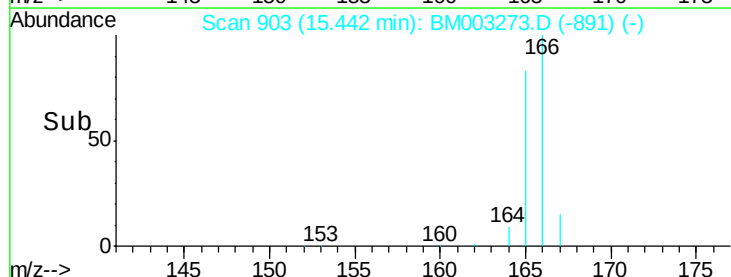
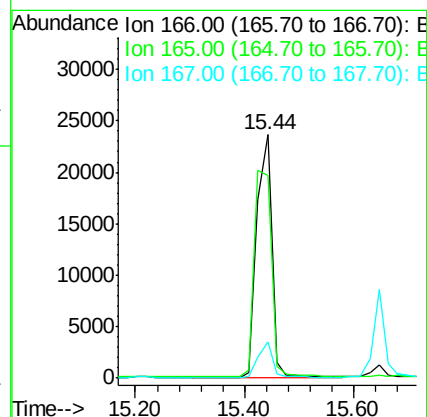
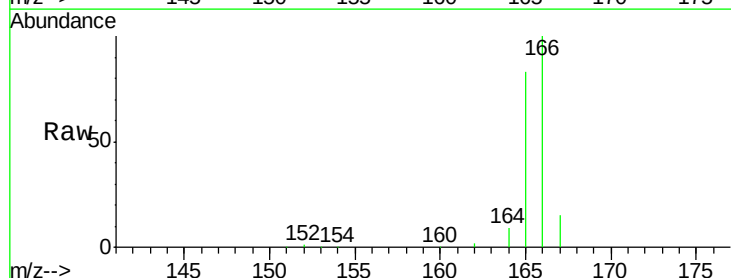
Tgt Ion:166 Resp: 44561

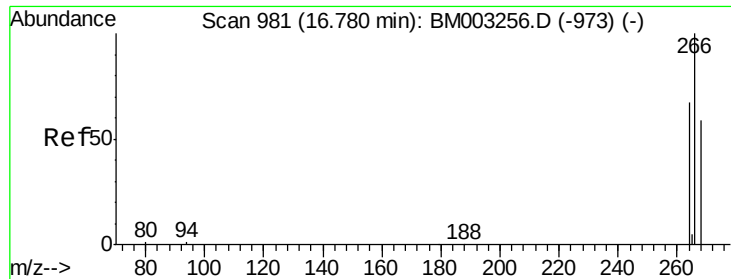
Ion Ratio Lower Upper

166 100

165 83.3 69.6 104.4

167 15.0 11.9 17.9

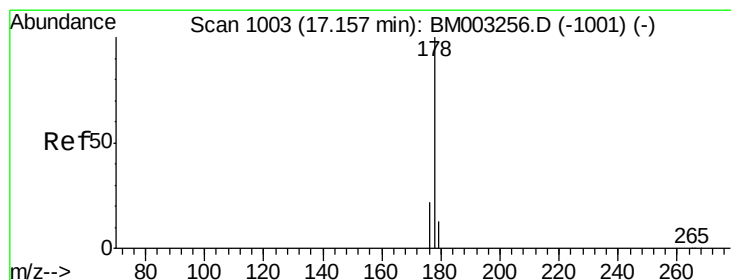
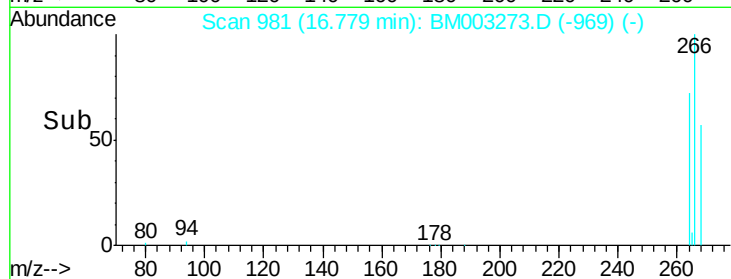
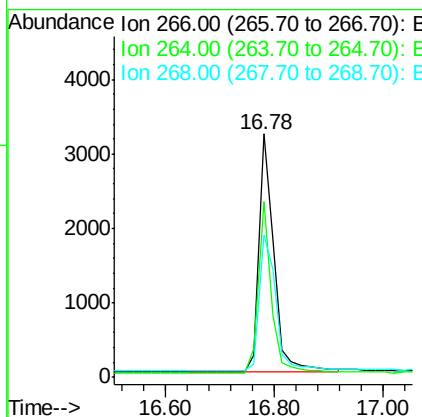
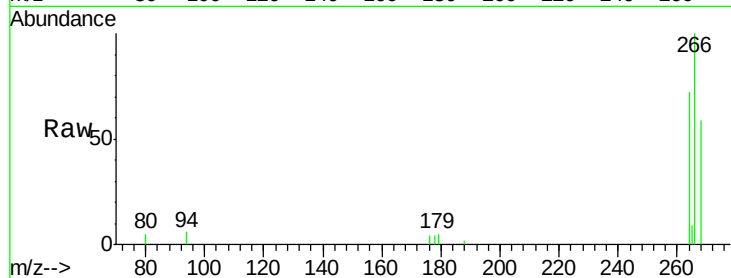




#13
 Pentachlorophenol
 Concen: 0.45 ng/ul
 RT: 16.78 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BM003273.D
 Acq: 22 Nov 2015 06:03

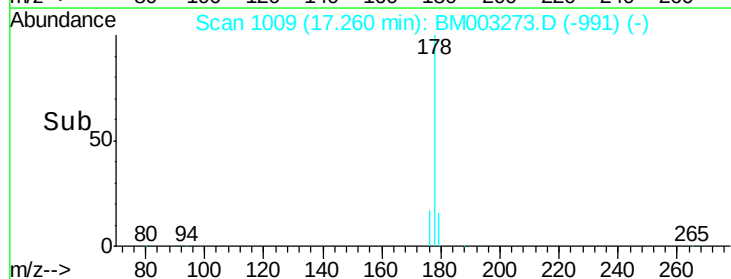
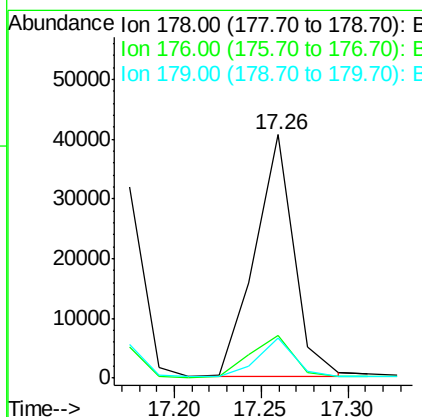
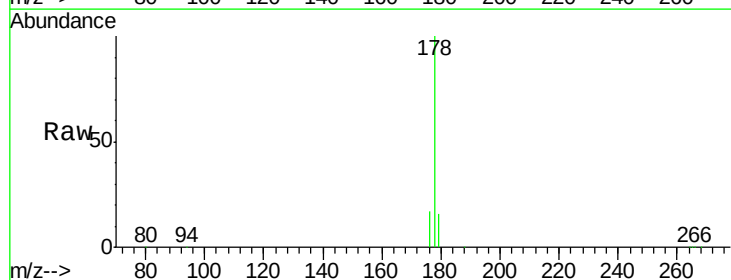
Instrument :
 BNA_M
 ClientSampleId :
 SST0.461

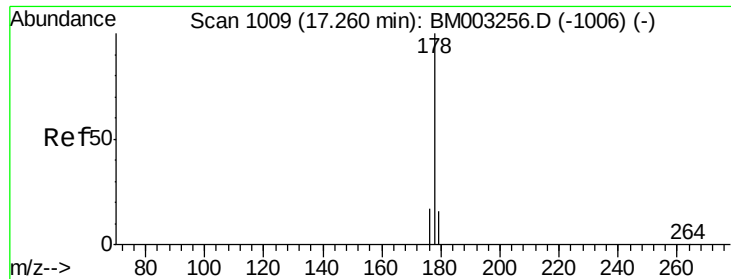
Tgt Ion: 266 Resp: 6139
 Ion Ratio Lower Upper
 266 100
 264 64.0 51.8 77.8
 268 64.4 46.8 70.2



#14
 Phenanthrene
 Concen: 0.37 ng/ul
 RT: 17.26 min Scan# 1009
 Delta R.T. 0.10 min
 Lab File: BM003273.D
 Acq: 22 Nov 2015 06:03

Tgt Ion: 178 Resp: 63417
 Ion Ratio Lower Upper
 178 100
 176 17.4 13.0 19.4
 179 16.4 14.2 21.2





#15

Anthracene

Concen: 0.46 ng/ul

RT: 17.26 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BM003273.D

Acq: 22 Nov 2015 06:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.461

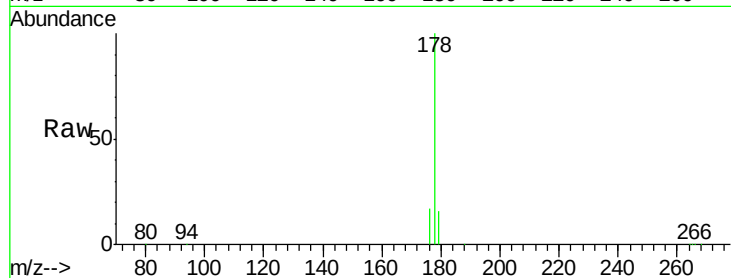
Tgt Ion:178 Resp: 65135

Ion Ratio Lower Upper

178 100

176 17.4 14.0 21.0

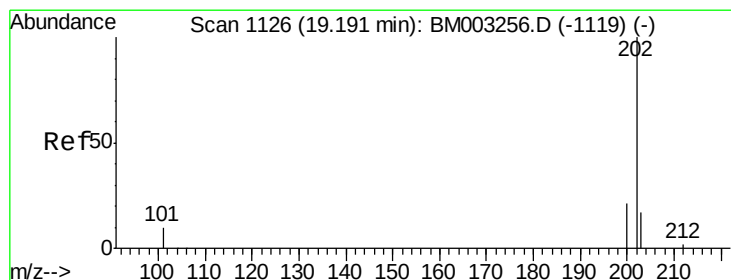
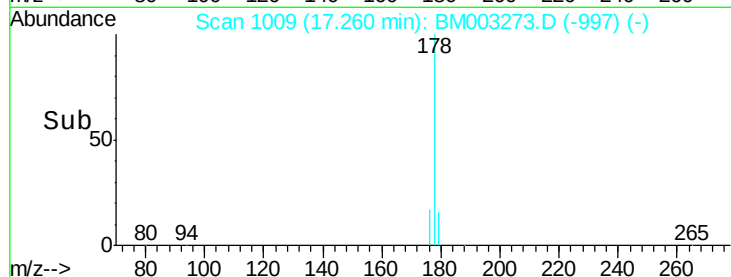
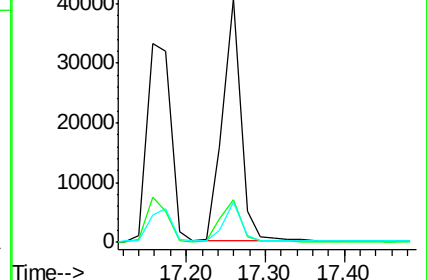
179 16.4 12.9 19.3



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: 0.43 ng/ul

RT: 19.19 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BM003273.D

Acq: 22 Nov 2015 06:03

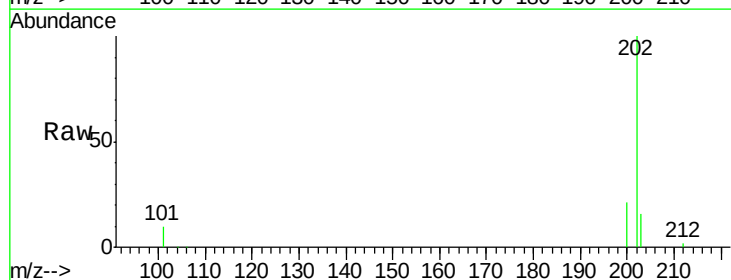
Tgt Ion:202 Resp: 81161

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.6

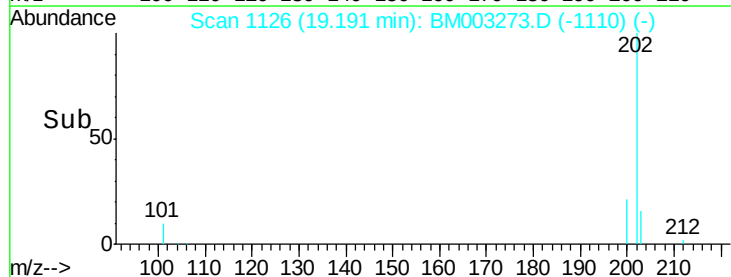
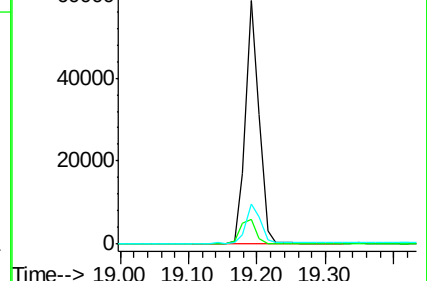
203 16.5 0.0 36.3

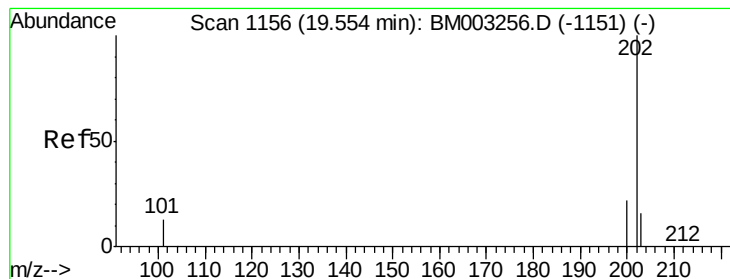


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 0.41 ng/ul

RT: 19.55 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BM003273.D

Acq: 22 Nov 2015 06:03

Instrument :

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SSTD0.461

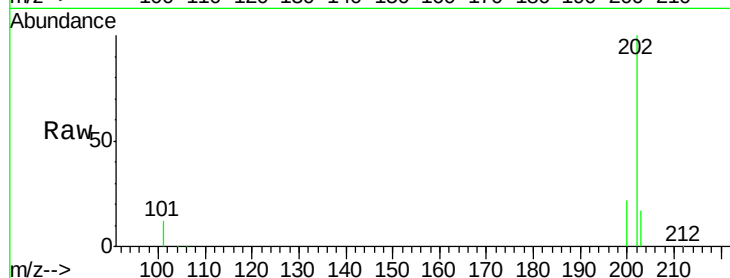
Tgt Ion:202 Resp: 85986

Ion Ratio Lower Upper

202 100

200 21.8 17.8 26.8

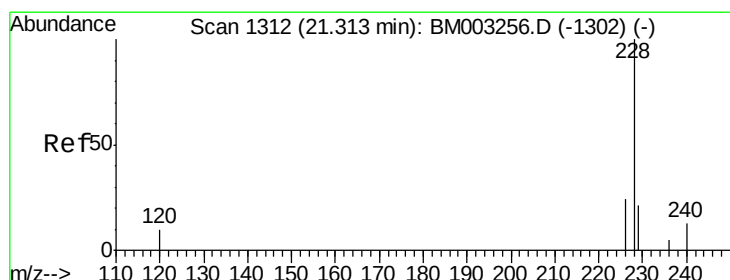
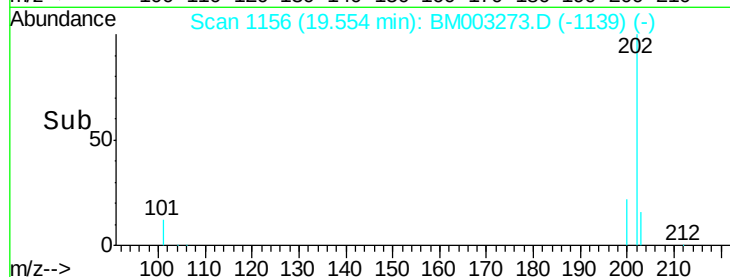
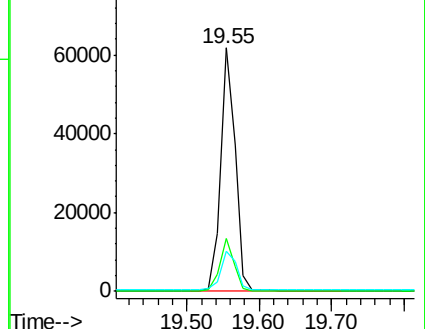
203 16.6 12.8 19.2



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: 0.47 ng/ul

RT: 21.30 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BM003273.D

Acq: 22 Nov 2015 06:03

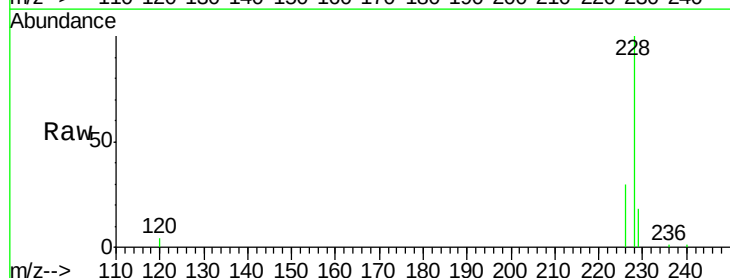
Tgt Ion:228 Resp: 83285

Ion Ratio Lower Upper

228 100

226 30.0 18.8 28.2#

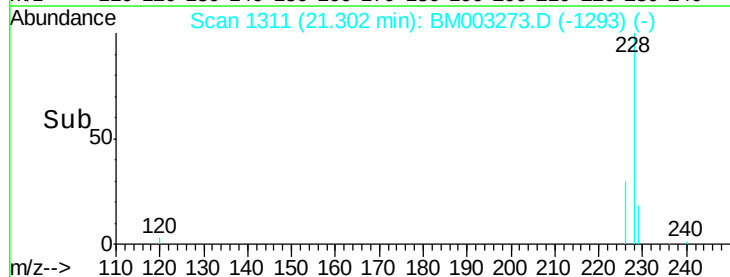
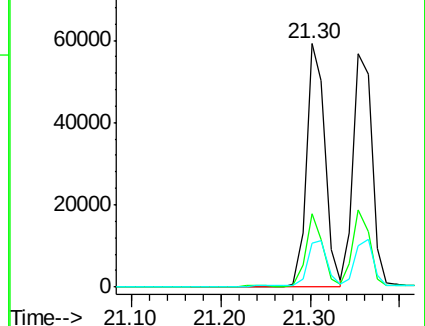
229 17.9 17.1 25.7

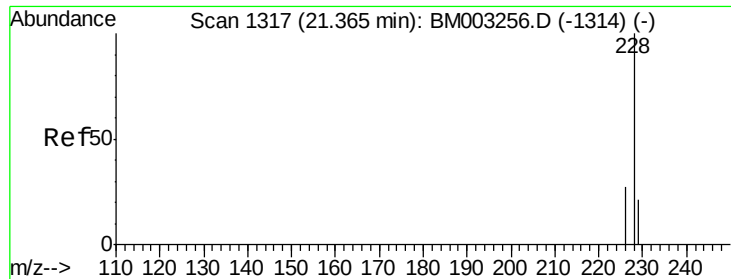


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.41 ng/ul

RT: 21.30 min Scan# 1311

Delta R.T. -0.06 min

Lab File: BM003273.D

Acq: 22 Nov 2015 06:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.461

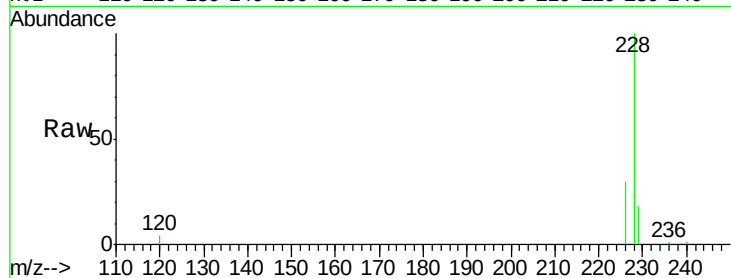
Tgt Ion:228 Resp: 83283

Ion Ratio Lower Upper

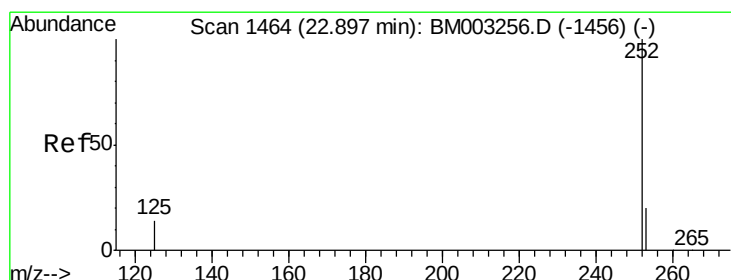
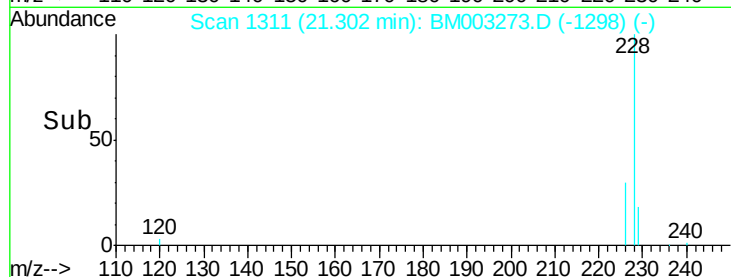
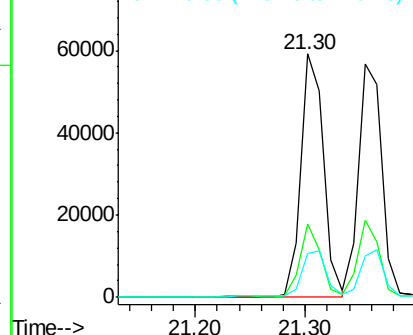
228 100

226 30.0 21.2 31.8

229 17.9 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



#23

Benzo(b)fluoranthene

Concen: 0.37 ng/ul

RT: 22.90 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BM003273.D

Acq: 22 Nov 2015 06:03

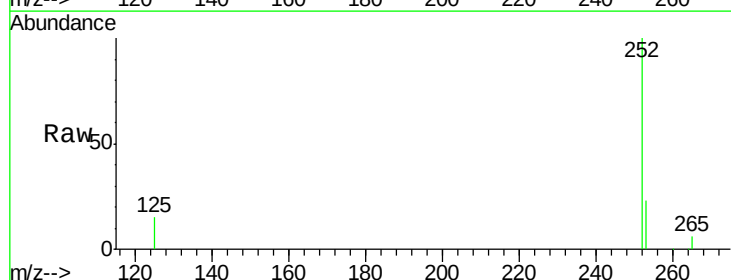
Tgt Ion:252 Resp: 84933

Ion Ratio Lower Upper

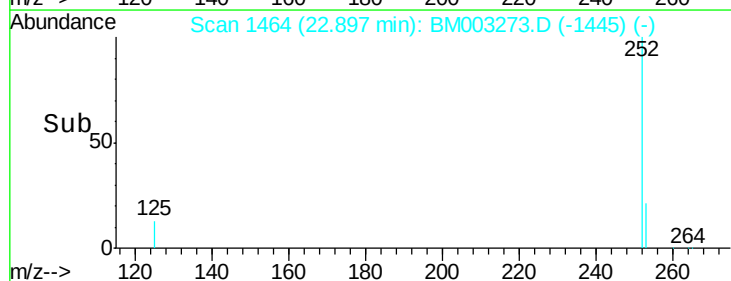
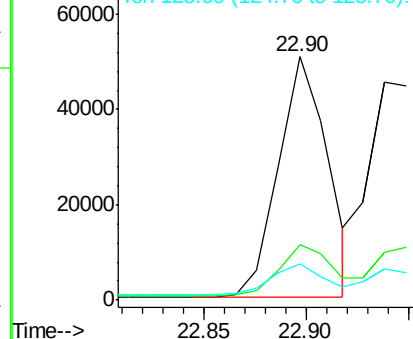
252 100

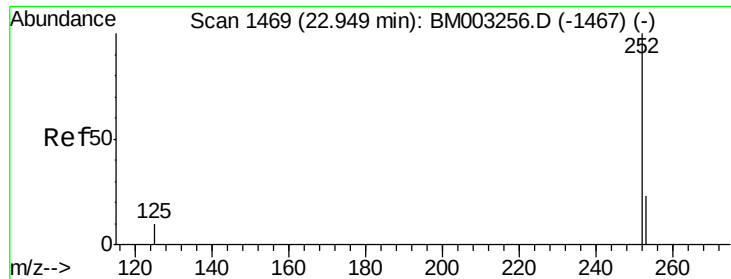
253 22.6 0.0 45.4

125 14.7 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: 0.39 ng/ul

RT: 22.94 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BM003273.D

Acq: 22 Nov 2015 06:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.461

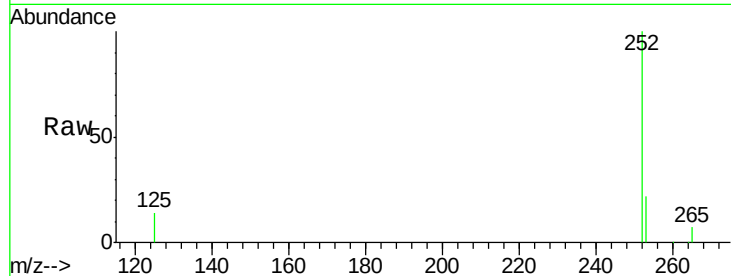
Tgt Ion:252 Resp: 83284

Ion Ratio Lower Upper

252 100

253 22.0 19.8 29.8

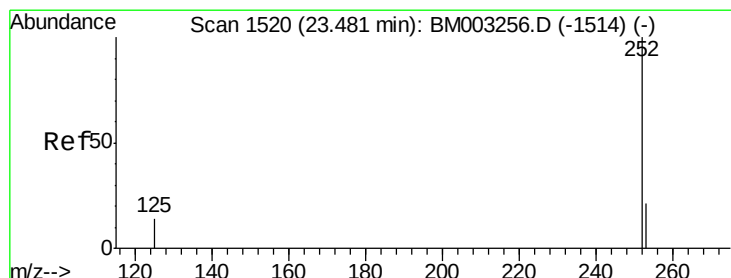
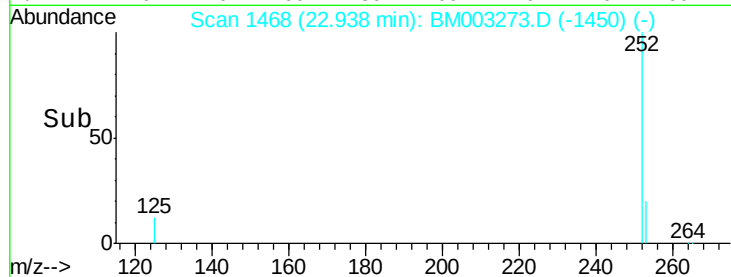
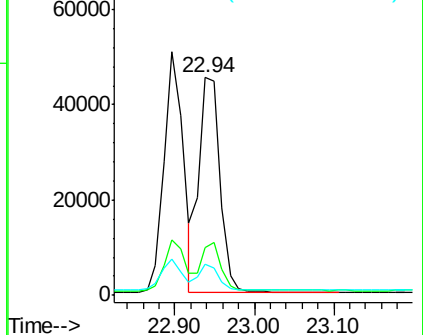
125 14.4 10.4 15.6



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: 0.42 ng/ul

RT: 23.48 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BM003273.D

Acq: 22 Nov 2015 06:03

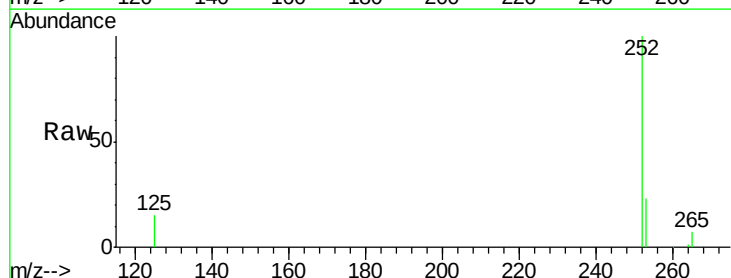
Tgt Ion:252 Resp: 84403

Ion Ratio Lower Upper

252 100

253 23.4 19.4 29.2

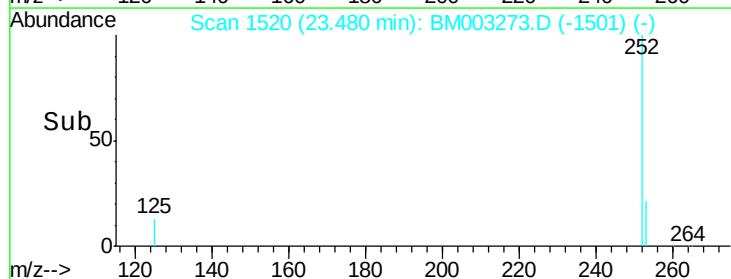
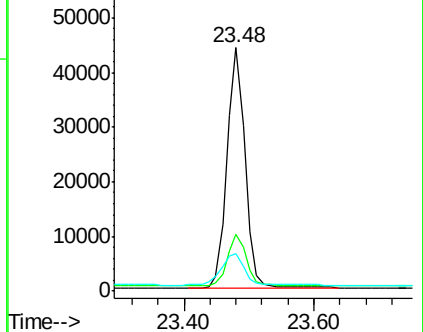
125 15.2 12.7 19.1

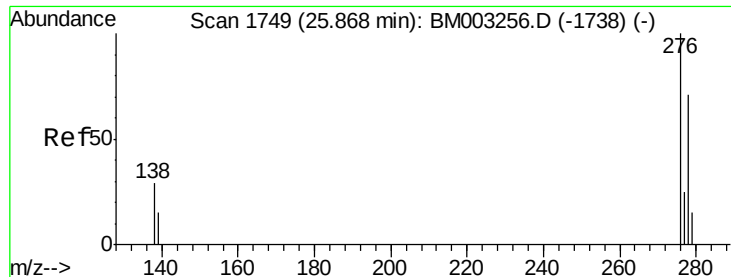


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.39 ng/ul

RT: 25.86 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BM003273.D

Acq: 22 Nov 2015 06:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.461

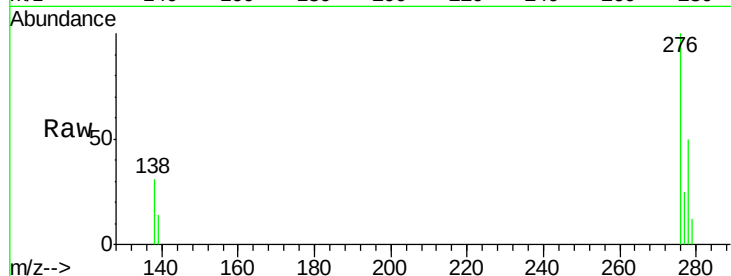
Tgt Ion:276 Resp: 95472

Ion Ratio Lower Upper

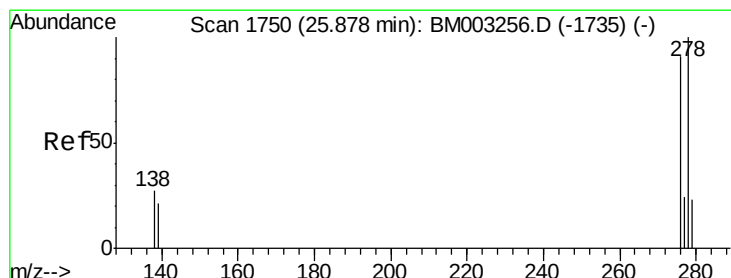
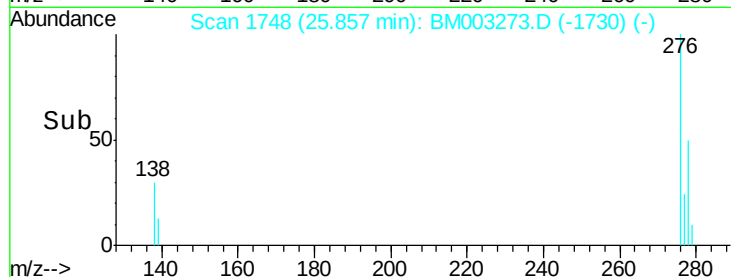
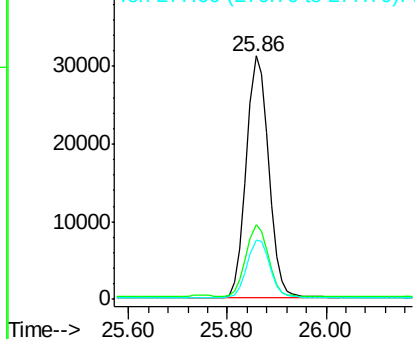
276 100

138 29.7 16.3 24.5#

277 24.7 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: 0.39 ng/ul

RT: 25.88 min Scan# 1750

Delta R.T. -0.00 min

Lab File: BM003273.D

Acq: 22 Nov 2015 06:03

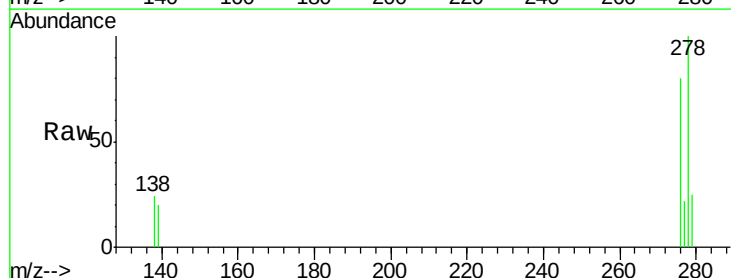
Tgt Ion:278 Resp: 76820

Ion Ratio Lower Upper

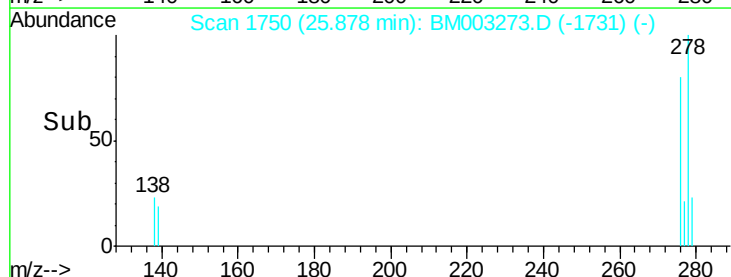
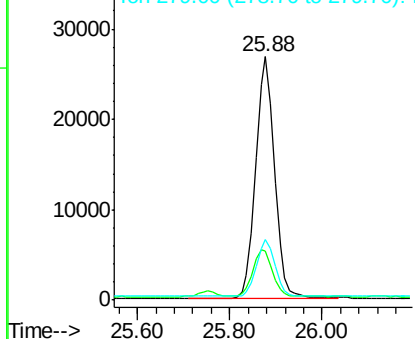
278 100

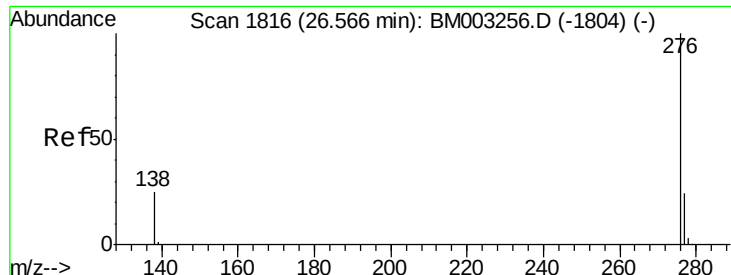
139 20.2 16.4 24.6

279 24.7 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: 0.38 ng/ul

RT: 26.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM003273.D

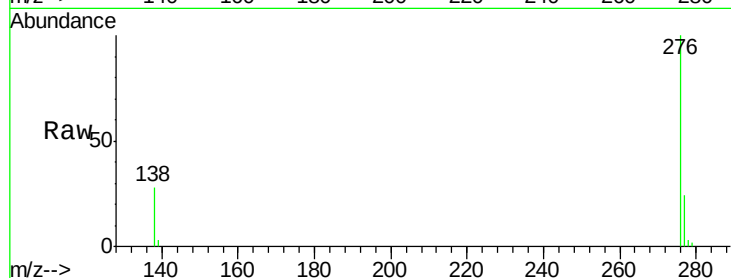
Acq: 22 Nov 2015 06:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.461



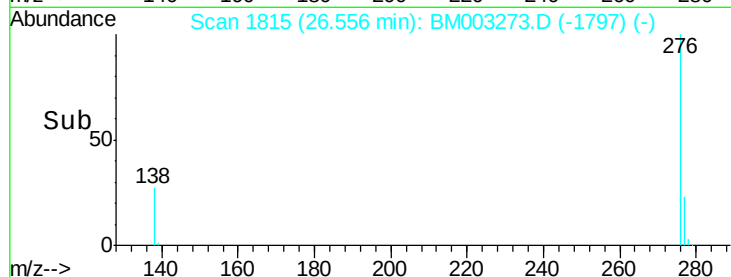
Tgt Ion: 276 Resp: 80519

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 27.8 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

