

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003239.D
 Acq On : 21 Nov 2015 01:55
 Operator : UM/IZ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.458

Quant Time: Nov 21 04:29:29 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 : Sat Nov 21 04:24:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	15076	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	58275	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	28768	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	55788	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	51763	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	50707	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	15147	0.94	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	33170	0.42	ng/ul	0.00
16) Fluoranthene-d10	19.16	212	55356	0.41	ng/ul	0.00

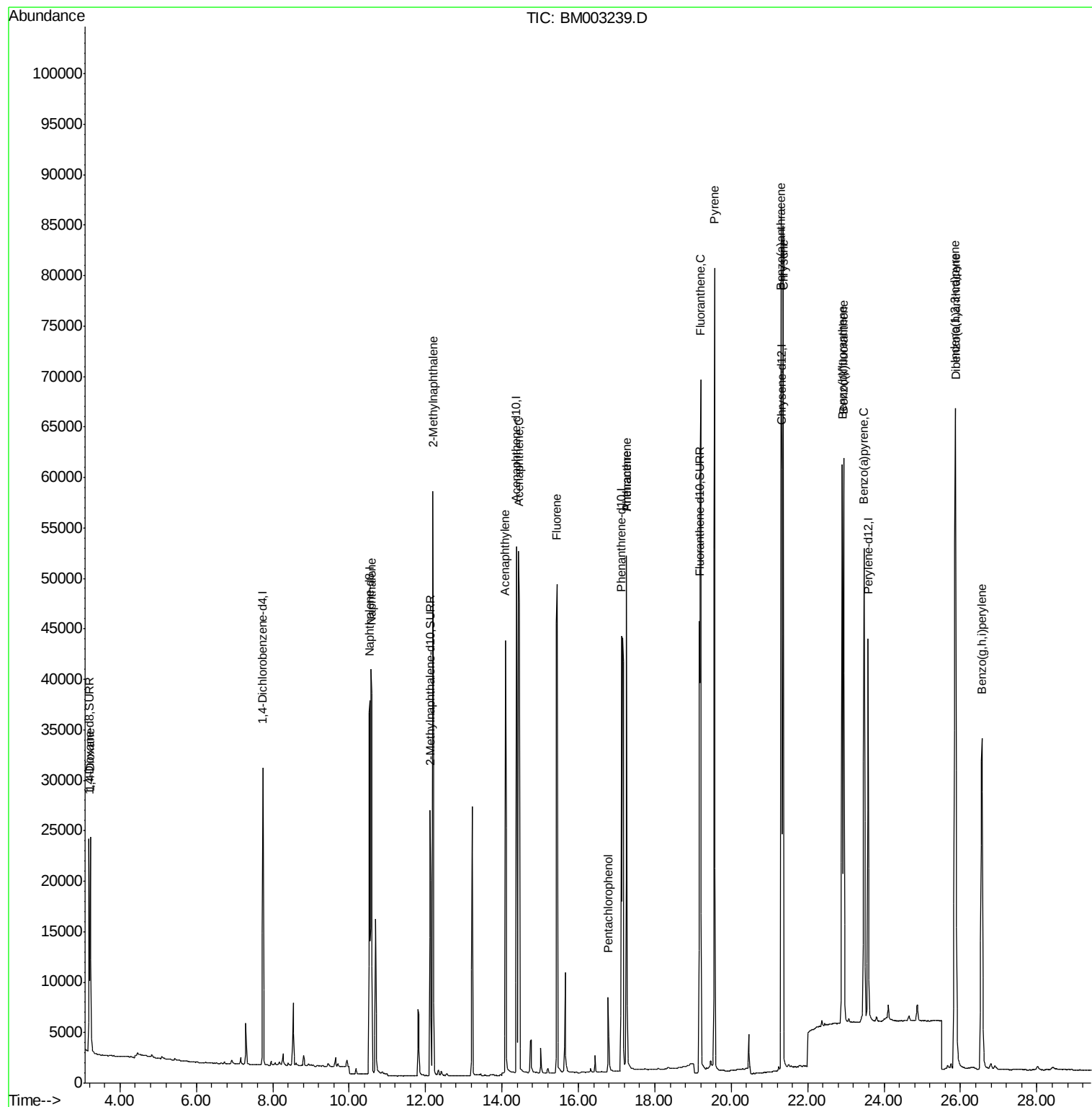
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	3.23	88	17298	0.94	ng/ul#	100
5) Naphthalene	10.57	128	61282	0.41	ng/ul	97
7) 2-Methylnaphthalene	12.19	142	41846	0.43	ng/ul#	100
9) Acenaphthylene	14.09	152	56964	0.48	ng/ul	99
10) Acenaphthene	14.43	153	41667	0.41	ng/ul#	76
11) Fluorene	15.44	166	44674	0.41	ng/ul	99
13) Pentachlorophenol	16.78	266	5767	0.44	ng/ul	96
14) Phenanthrene	17.26	178	58331	0.36	ng/ul	97
15) Anthracene	17.26	178	60558	0.45	ng/ul	100
17) Fluoranthene	19.20	202	72924	0.41	ng/ul	93
19) Pyrene	19.56	202	75924	0.43	ng/ul	94
20) Benzo(a)anthracene	21.31	228	68955	0.46	ng/ul	95
21) Chrysene	21.36	228	69349	0.41	ng/ul	96
23) Benzo(b)fluoranthene	22.90	252	75685	0.39	ng/ul	97
24) Benzo(k)fluoranthene	22.94	252	66120	0.36	ng/ul	97
25) Benzo(a)pyrene	23.47	252	70765	0.41	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	25.86	276	80908	0.40	ng/ul#	91
27) Dibenzo(a,h)anthracene	25.87	278	64275	0.39	ng/ul	98
28) Benzo(g,h,i)perylene	26.56	276	68643	0.38	ng/ul	98

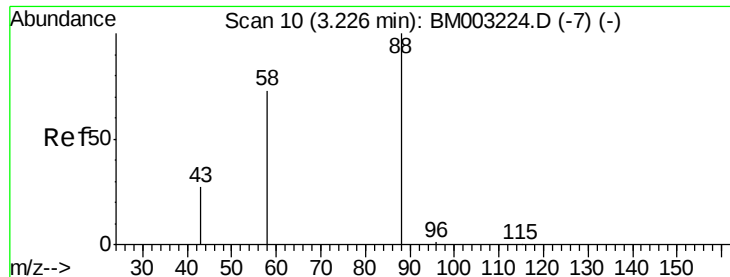
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 0.94 ng/ul

RT: 3.23 min Scan# 10

Delta R.T. -0.00 min

Lab File: BM003239.D

Acq: 21 Nov 2015 01:55

Instrument :

BNA_M

ClientSampleId :

SSTD0.458

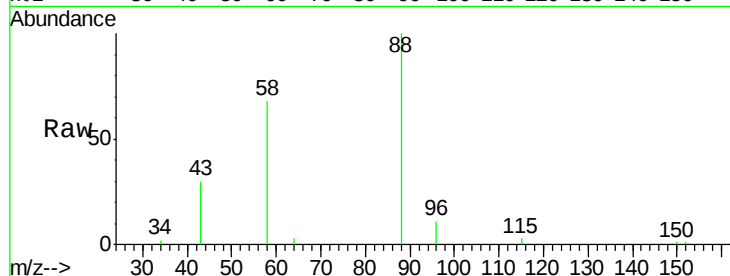
Tgt Ion: 88 Resp: 17298

Ion Ratio Lower Upper

88 100

58 58.3 0.0 0.0#

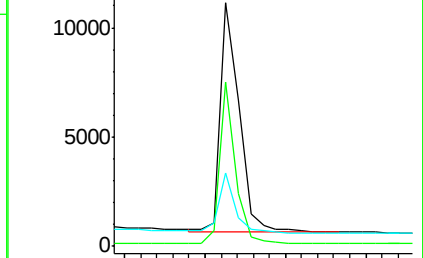
43 23.1 0.0 0.0#



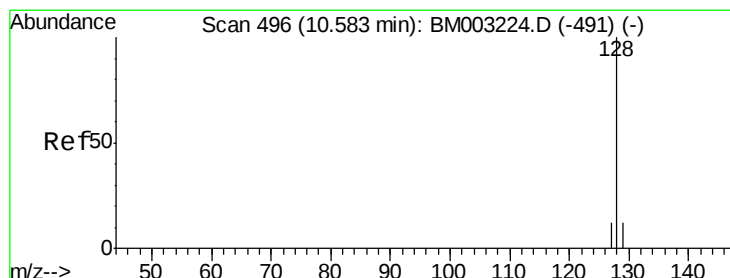
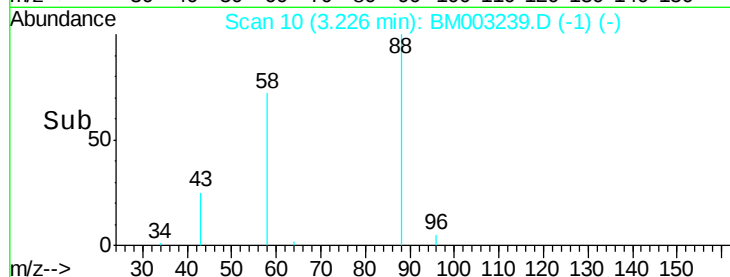
Abundance Ion 88.00 (87.70 to 88.70): BM003224.D (-7) (-)

Ion 58.00 (57.70 to 58.70): BM003224.D (-7) (-)

Ion 43.00 (42.70 to 43.70): BM003224.D (-7) (-)



Time-->



#5

Naphthalene

Concen: 0.41 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. -0.01 min

Lab File: BM003239.D

Acq: 21 Nov 2015 01:55

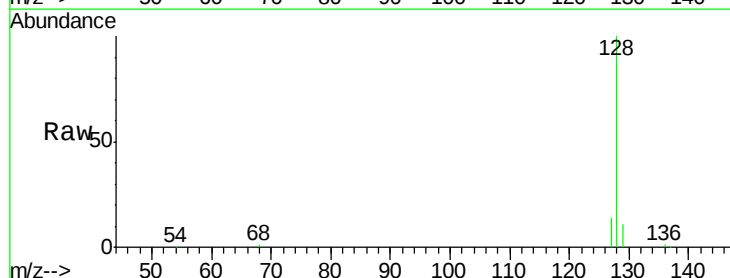
Tgt Ion: 128 Resp: 61282

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

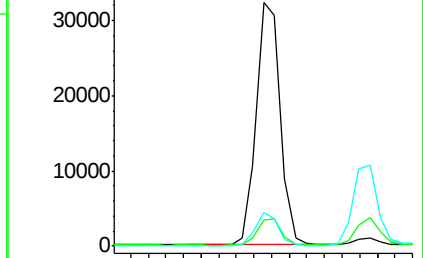
127 13.9 9.6 14.4



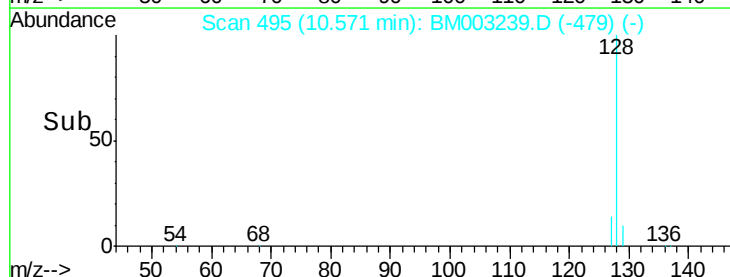
Abundance Ion 128.00 (127.70 to 128.70): BM003224.D (-491) (-)

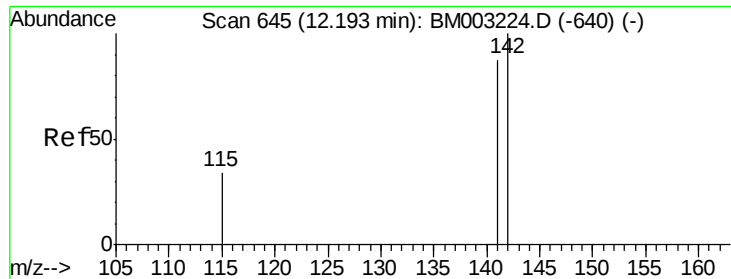
Ion 129.00 (128.70 to 129.70): BM003224.D (-491) (-)

Ion 127.00 (126.70 to 127.70): BM003224.D (-491) (-)



Time-->





#7

2-Methylnaphthalene

Concen: 0.43 ng/ul

RT: 12.19 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM003239.D

Acq: 21 Nov 2015 01:55

Instrument :

BNA_M

ClientSampleId :

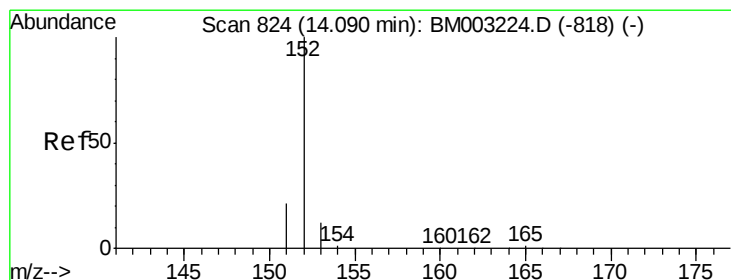
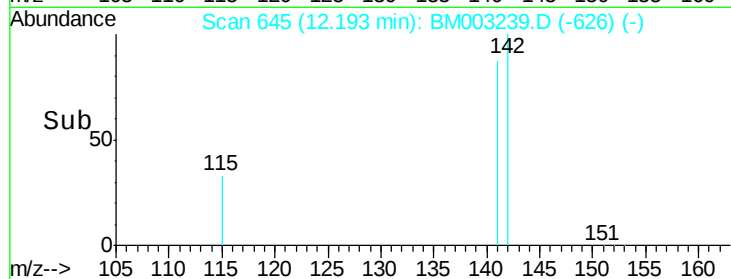
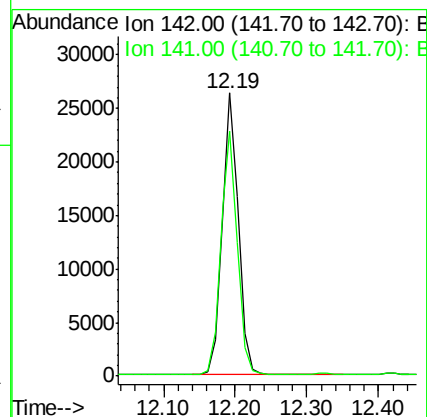
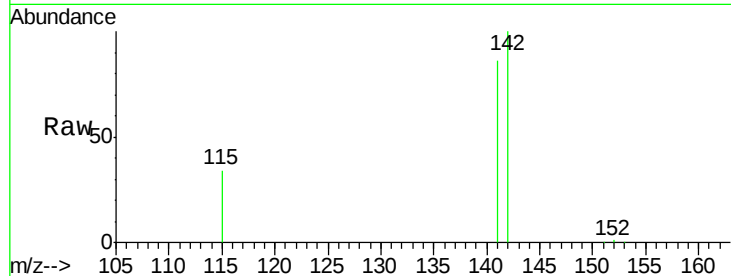
SSTD0.458

Tgt Ion:142 Resp: 41846

Ion Ratio Lower Upper

142 100

141 88.0 0.0 0.0#



#9

Acenaphthylene

Concen: 0.48 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003239.D

Acq: 21 Nov 2015 01:55

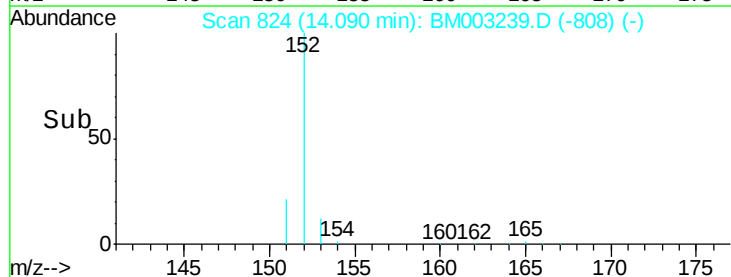
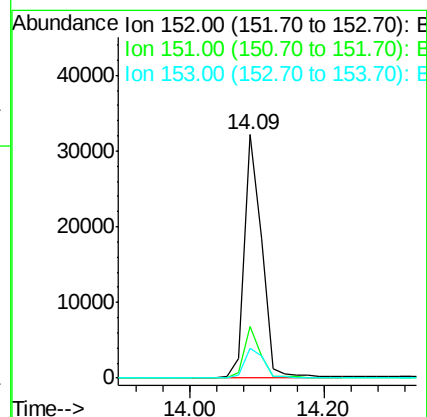
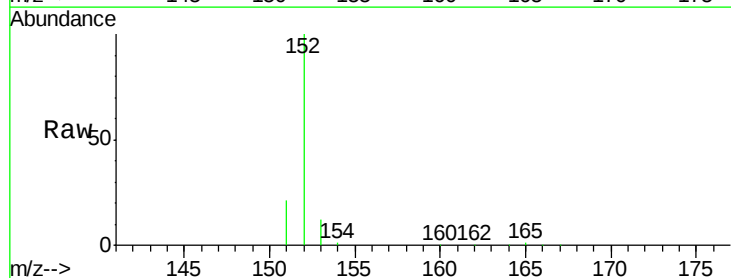
Tgt Ion:152 Resp: 56964

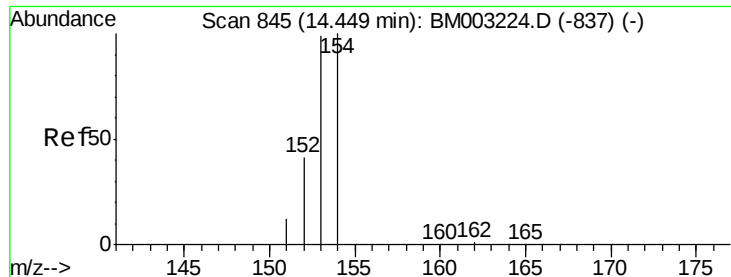
Ion Ratio Lower Upper

152 100

151 21.4 17.6 26.4

153 12.2 9.7 14.5





#10

Acenaphthene

Concen: 0.41 ng/ul

RT: 14.43 min Scan# 844

Delta R.T. -0.02 min

Lab File: BM003239.D

Acq: 21 Nov 2015 01:55

Instrument :

BNA_M

ClientSampleId :

SSTD0.458

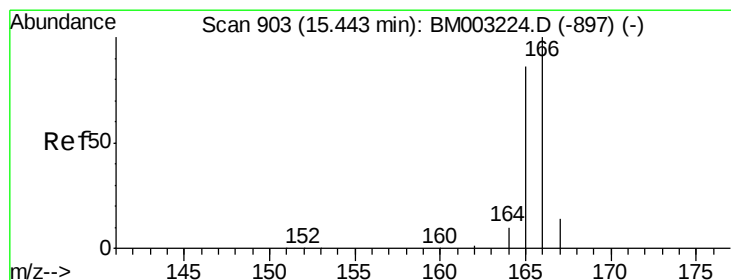
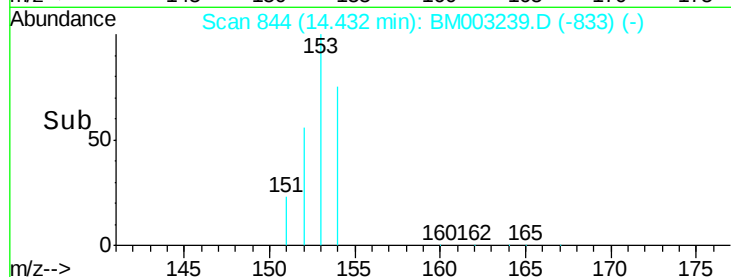
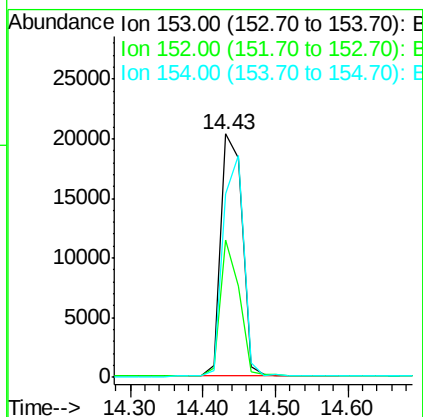
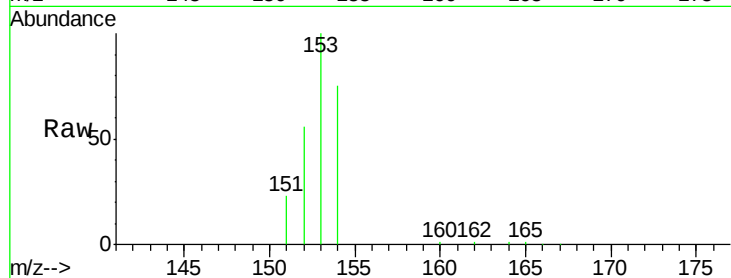
Tgt Ion:153 Resp: 41667

Ion Ratio Lower Upper

153 100

152 56.4 33.9 50.9#

154 75.2 80.6 121.0#



#11

Fluorene

Concen: 0.41 ng/ul

RT: 15.44 min Scan# 903

Delta R.T. -0.00 min

Lab File: BM003239.D

Acq: 21 Nov 2015 01:55

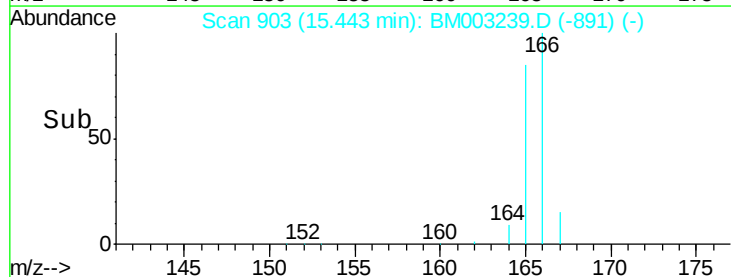
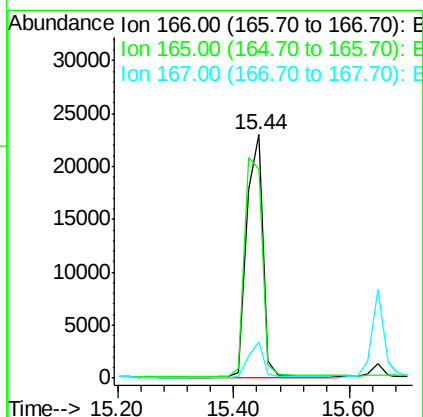
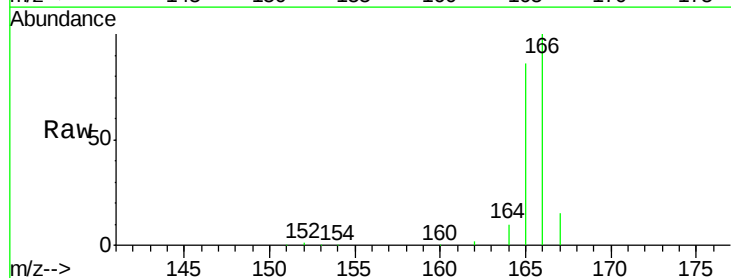
Tgt Ion:166 Resp: 44674

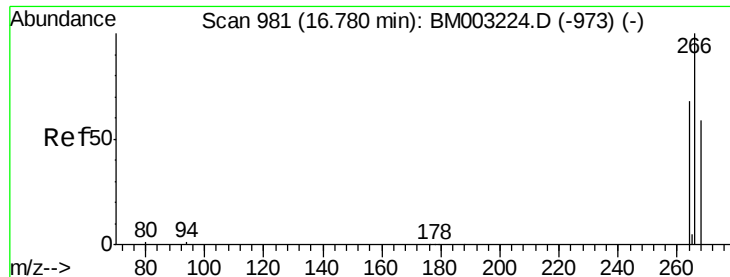
Ion Ratio Lower Upper

166 100

165 85.8 69.6 104.4

167 14.9 11.9 17.9

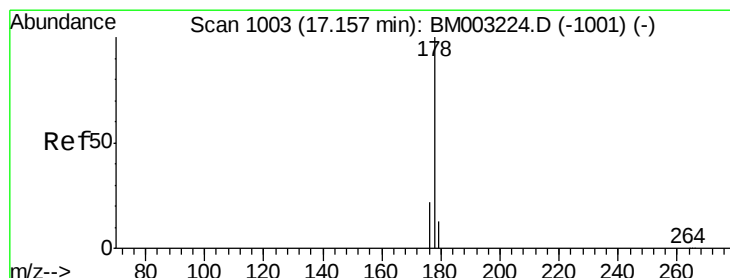
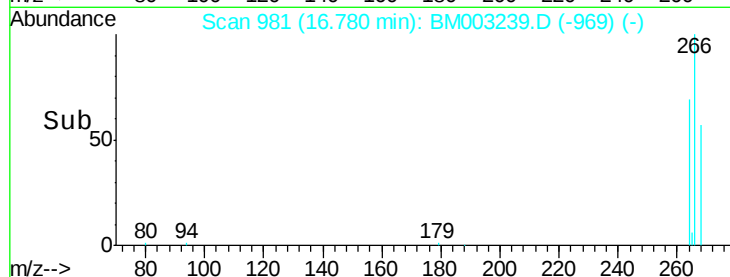
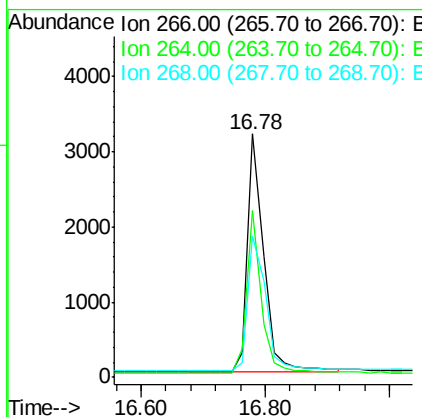
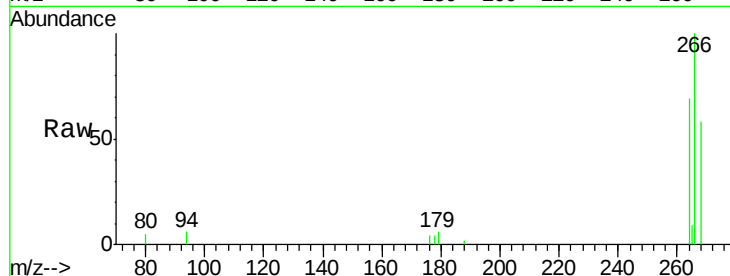




#13
 Pentachlorophenol
 Concen: 0.44 ng/ul
 RT: 16.78 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BM003239.D
 Acq: 21 Nov 2015 01:55

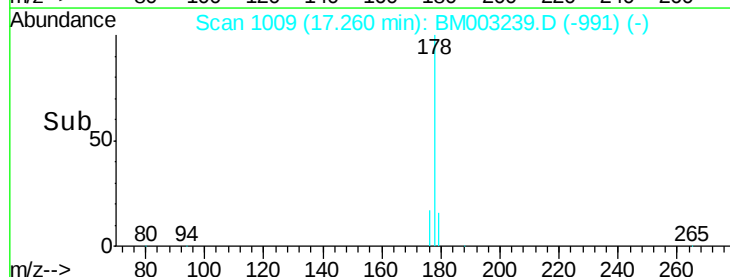
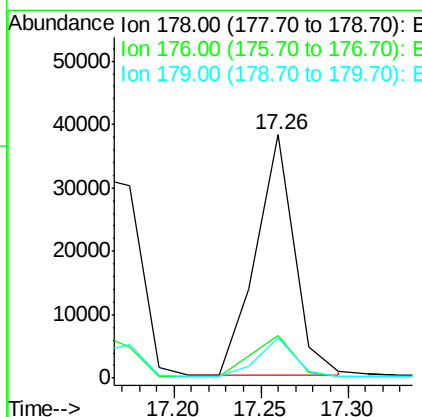
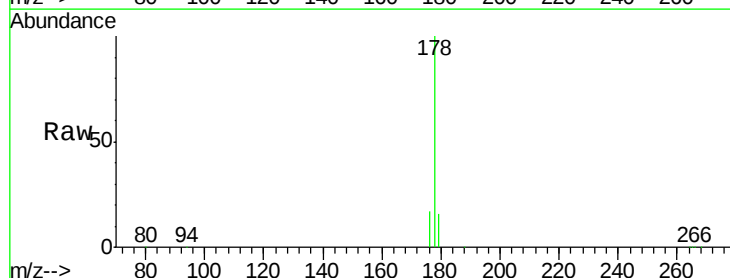
Instrument :
 BNA_M
 ClientSampleId :
 SST0.458

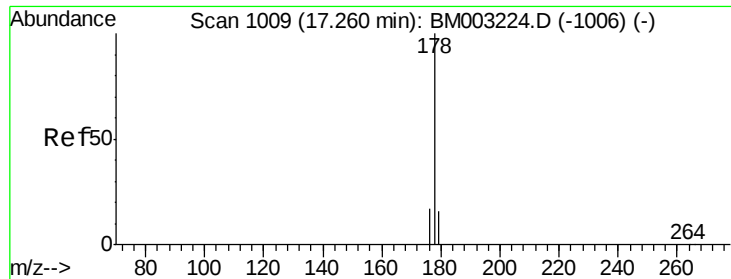
Tgt Ion: 266 Resp: 5767
 Ion Ratio Lower Upper
 266 100
 264 63.0 51.8 77.8
 268 62.1 46.8 70.2



#14
 Phenanthrene
 Concen: 0.36 ng/ul
 RT: 17.26 min Scan# 1009
 Delta R.T. 0.10 min
 Lab File: BM003239.D
 Acq: 21 Nov 2015 01:55

Tgt Ion: 178 Resp: 58331
 Ion Ratio Lower Upper
 178 100
 176 17.4 13.0 19.4
 179 16.3 14.2 21.2





#15

Anthracene

Concen: 0.45 ng/ul

RT: 17.26 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BM003239.D

Acq: 21 Nov 2015 01:55

Instrument :

BNA_M

ClientSampleId :

SSTD0.458

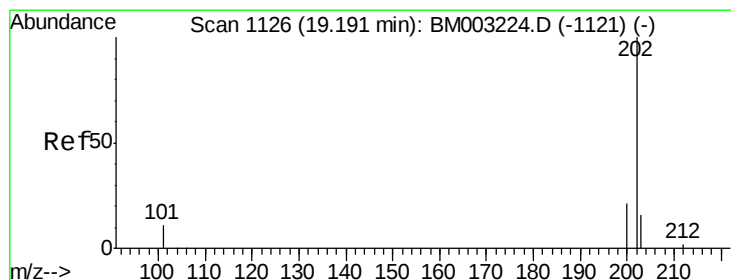
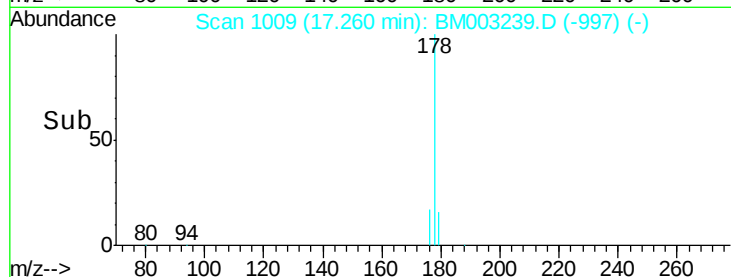
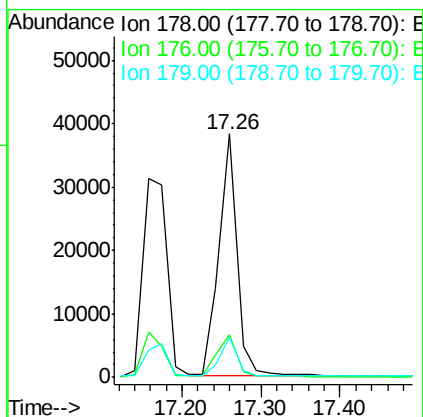
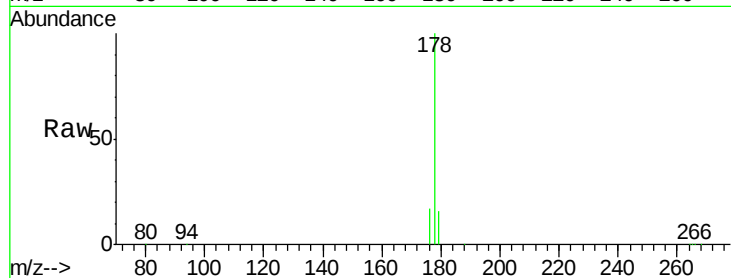
Tgt Ion:178 Resp: 60558

Ion Ratio Lower Upper

178 100

176 17.4 14.0 21.0

179 16.3 12.9 19.3



#17

Fluoranthene

Concen: 0.41 ng/ul

RT: 19.20 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BM003239.D

Acq: 21 Nov 2015 01:55

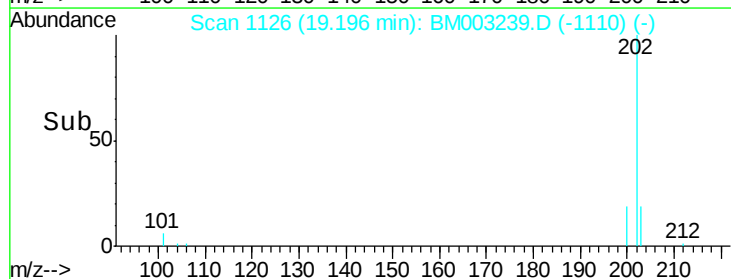
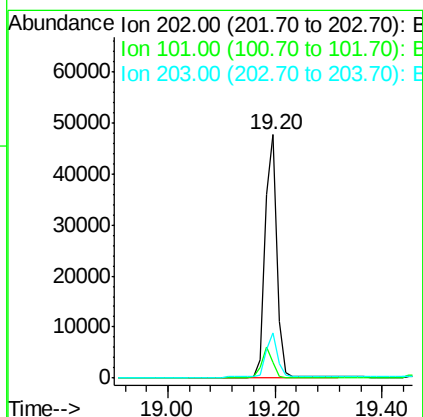
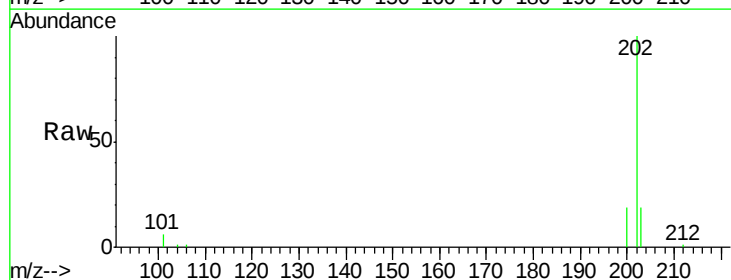
Tgt Ion:202 Resp: 72924

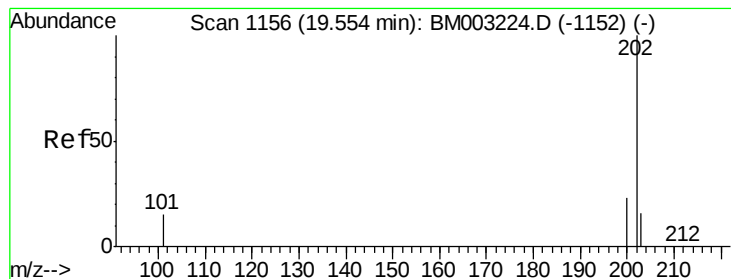
Ion Ratio Lower Upper

202 100

101 6.3 0.0 29.6

203 18.8 0.0 36.3





#19

Pyrene

Concen: 0.43 ng/ul

RT: 19.56 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BM003239.D

Acq: 21 Nov 2015 01:55

Instrument :

BNA_M

ClientSampleId :

SSTD0.458

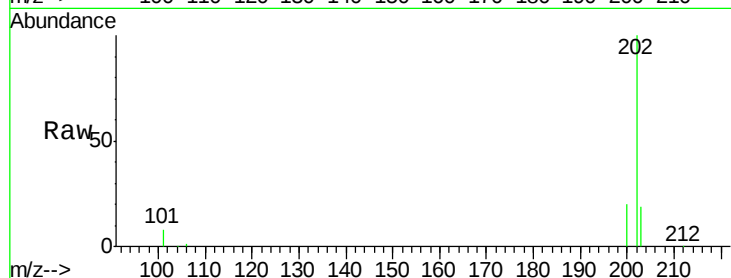
Tgt Ion:202 Resp: 75924

Ion Ratio Lower Upper

202 100

200 19.6 17.8 26.8

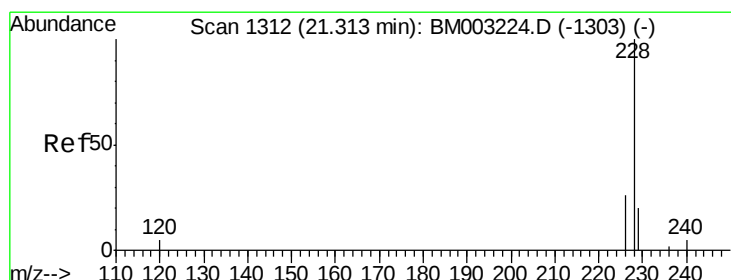
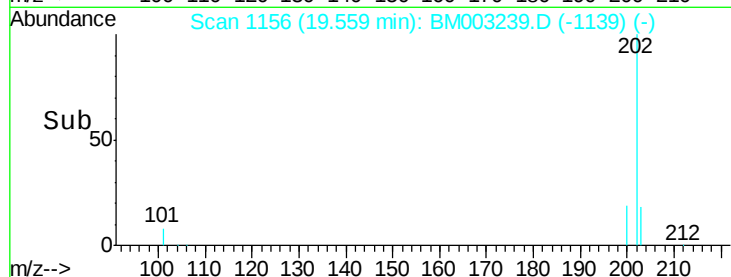
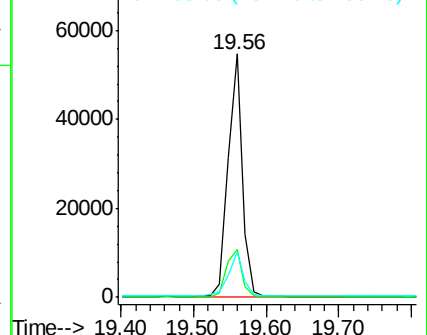
203 18.5 12.8 19.2



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: 0.46 ng/ul

RT: 21.31 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BM003239.D

Acq: 21 Nov 2015 01:55

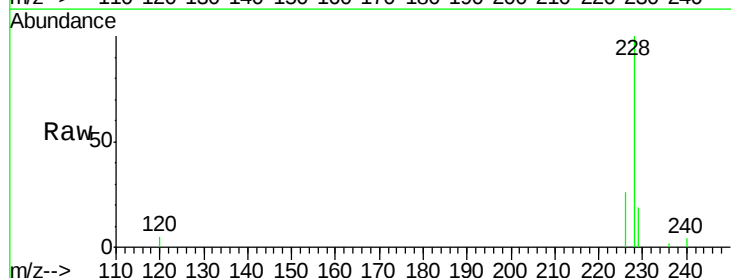
Tgt Ion:228 Resp: 68955

Ion Ratio Lower Upper

228 100

226 26.4 18.8 28.2

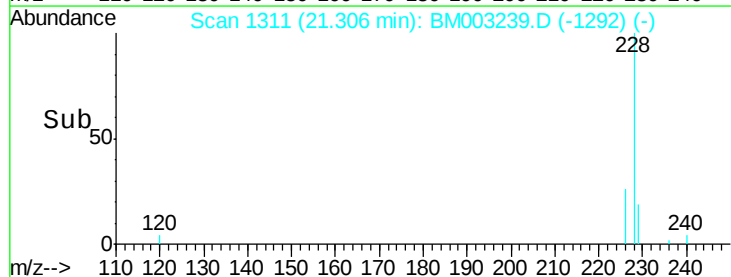
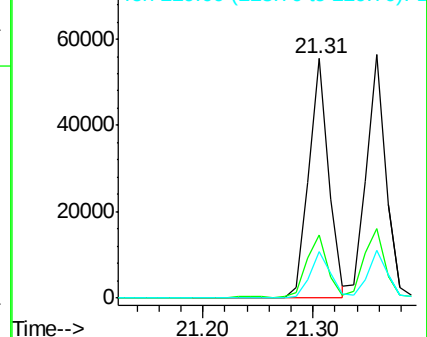
229 19.4 17.1 25.7

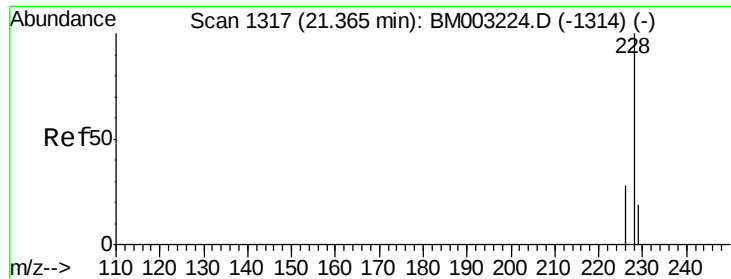


Abundance Ion 228.00 (227.70 to 228.70): E

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: 21.36 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BM003239.D

Acq: 21 Nov 2015 01:55

Instrument :

BNA_M

ClientSampleId :

SSTD0.458

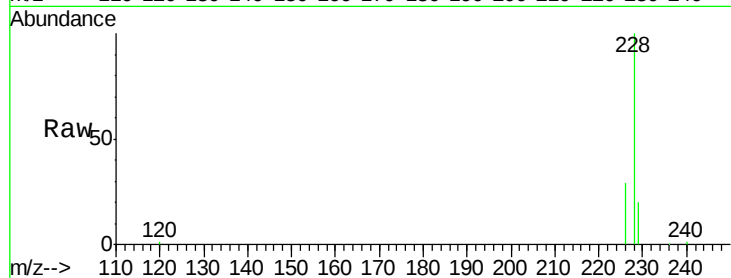
Tgt Ion:228 Resp: 69349

Ion Ratio Lower Upper

228 100

226 28.5 21.2 31.8

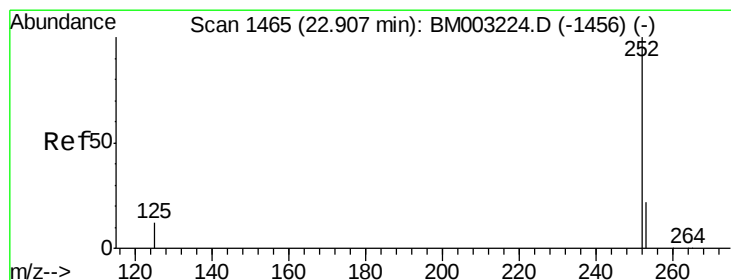
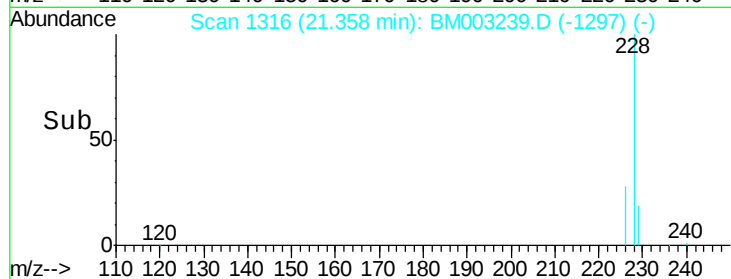
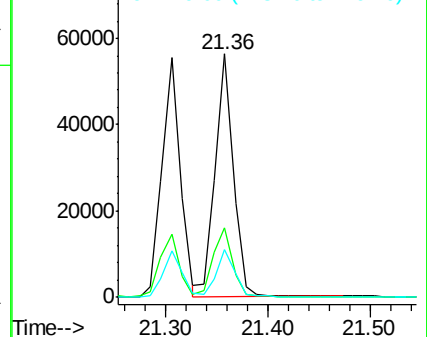
229 19.7 17.0 25.6



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: 0.39 ng/ul

RT: 22.90 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BM003239.D

Acq: 21 Nov 2015 01:55

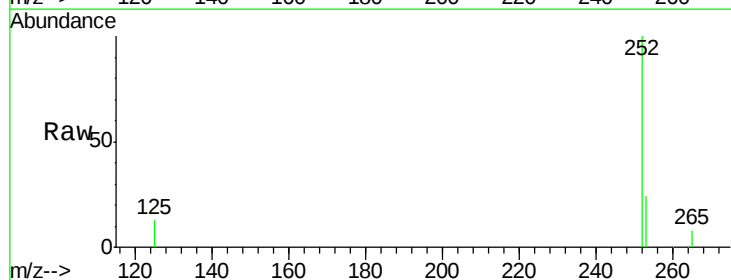
Tgt Ion:252 Resp: 75685

Ion Ratio Lower Upper

252 100

253 24.2 0.0 45.4

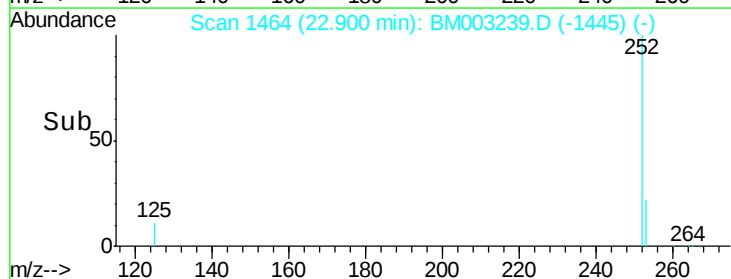
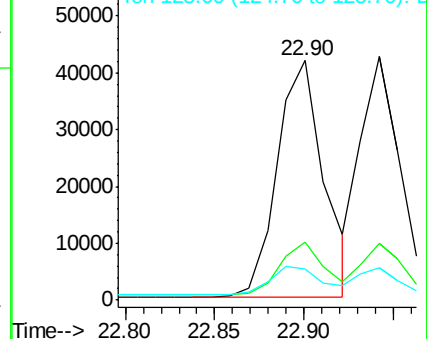
125 13.2 0.0 28.8

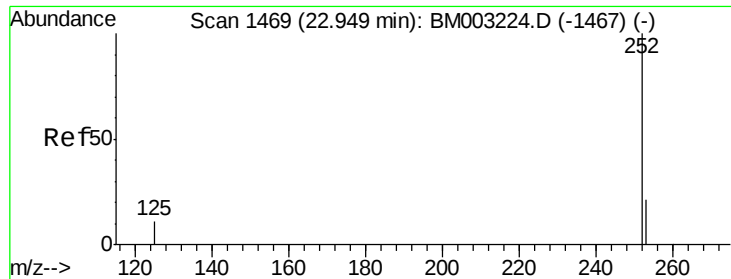


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.36 ng/ul

RT: 22.94 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BM003239.D

Acq: 21 Nov 2015 01:55

Instrument :

BNA_M

ClientSampled :

SSTD0.458

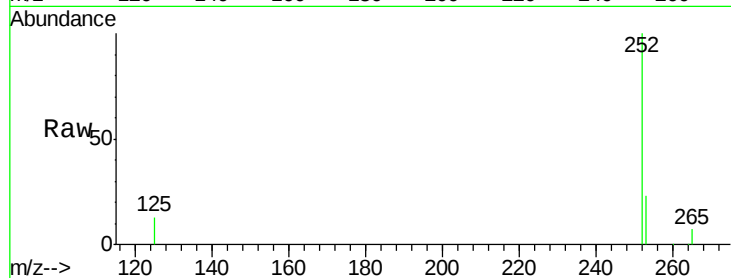
Tgt Ion:252 Resp: 66120

Ion Ratio Lower Upper

252 100

253 23.0 19.8 29.8

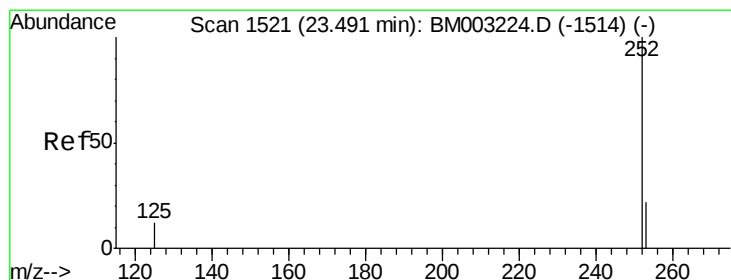
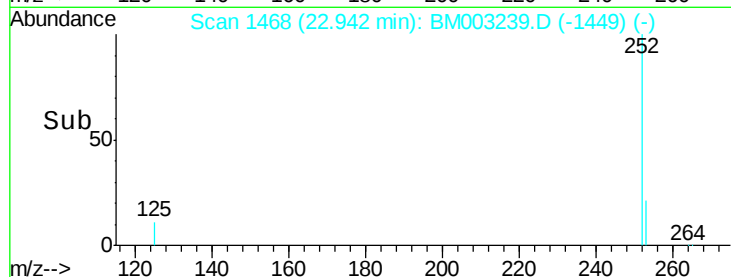
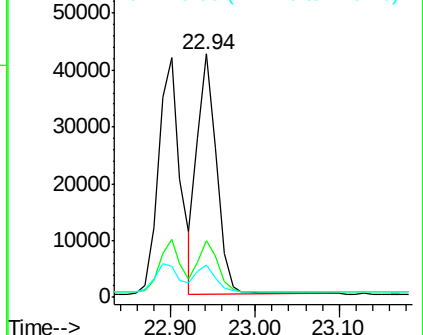
125 13.4 10.4 15.6



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: 0.41 ng/ul

RT: 23.47 min Scan# 1519

Delta R.T. -0.02 min

Lab File: BM003239.D

Acq: 21 Nov 2015 01:55

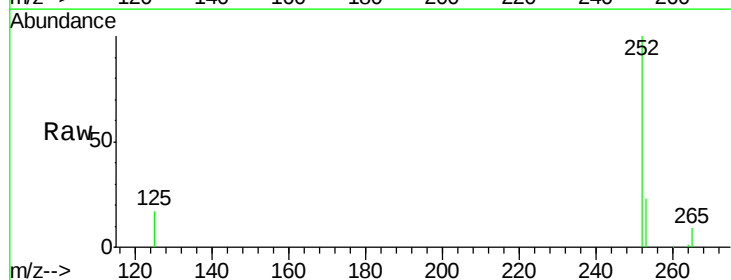
Tgt Ion:252 Resp: 70765

Ion Ratio Lower Upper

252 100

253 22.8 19.4 29.2

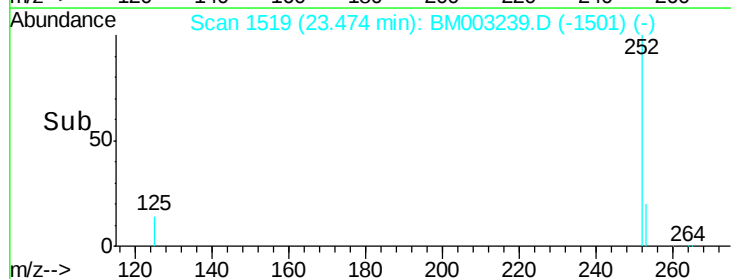
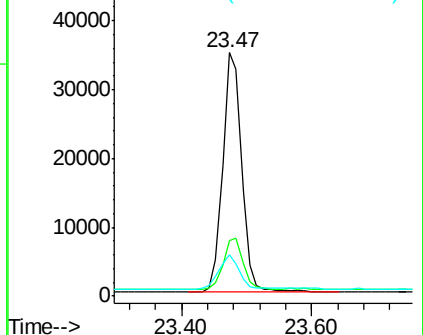
125 16.9 12.7 19.1

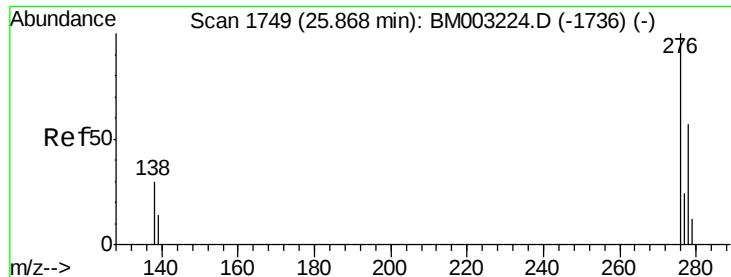


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.40 ng/ul

RT: 25.86 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BM003239.D

Acq: 21 Nov 2015 01:55

Instrument :

BNA_M

ClientSampleId :

SSTD0.458

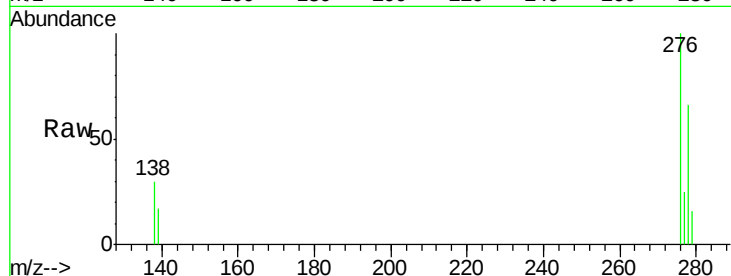
Tgt Ion:276 Resp: 80908

Ion Ratio Lower Upper

276 100

138 29.6 16.3 24.5#

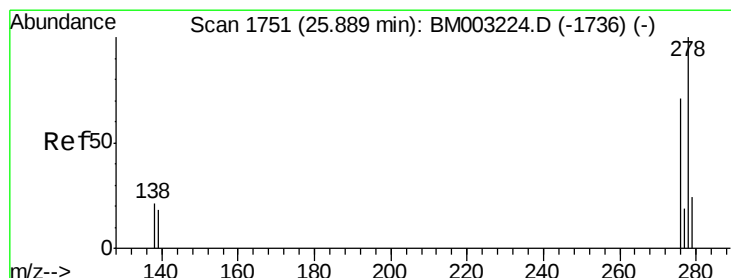
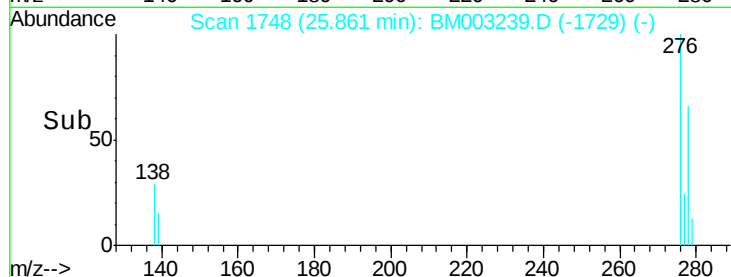
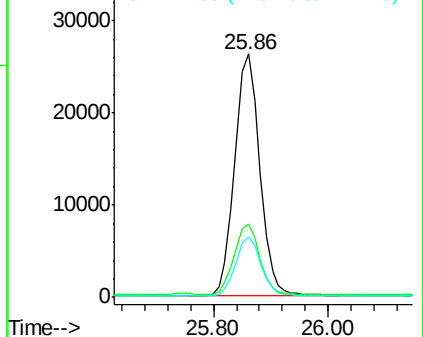
277 24.5 19.8 29.8



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: 25.87 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BM003239.D

Acq: 21 Nov 2015 01:55

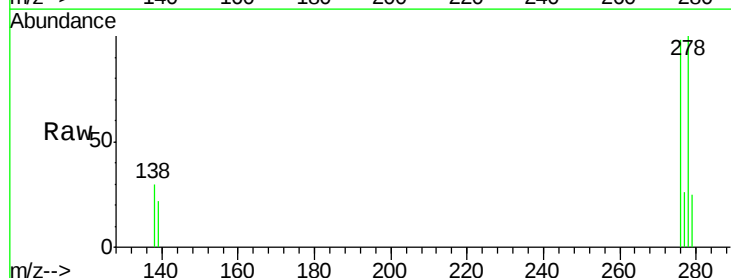
Tgt Ion:278 Resp: 64275

Ion Ratio Lower Upper

278 100

139 21.9 16.4 24.6

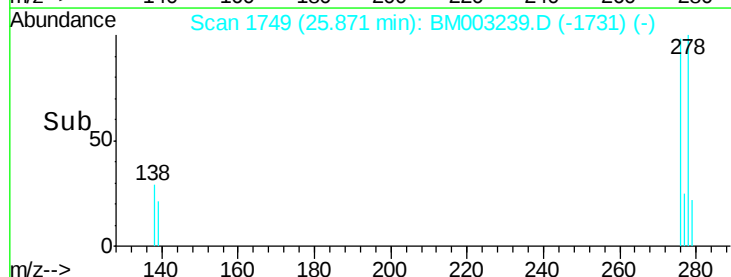
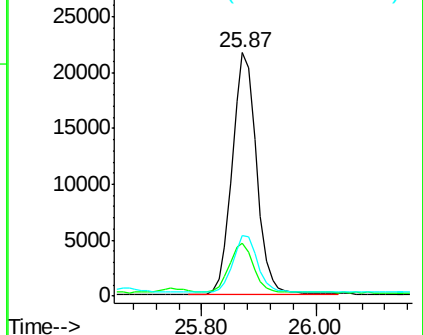
279 24.7 20.2 30.2

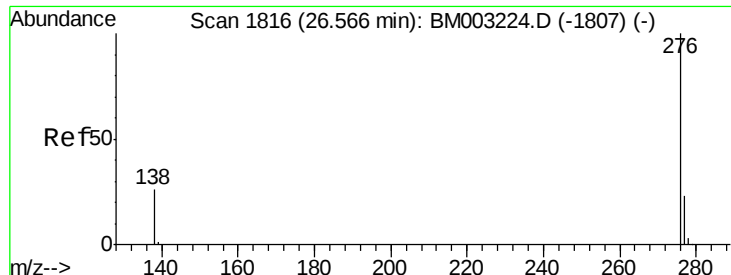


Abundance Ion 278.00 (277.70 to 278.70): E

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: BM003239.D

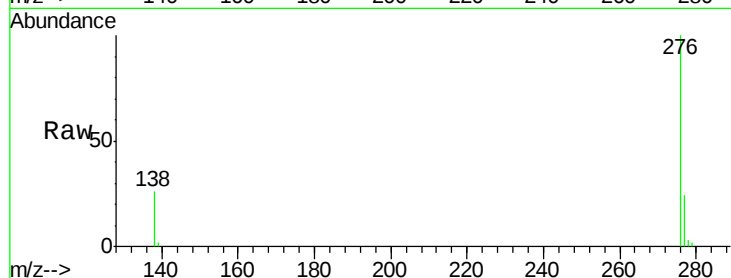
Acq: 21 Nov 2015 01:55

Instrument :

BNA_M

ClientSampleId :

SSTD0.458



Tgt Ion: 276 Resp: 68643

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 26.2 22.5 33.7

