

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003167.D
 Acq On : 18 Nov 2015 19:22
 Operator : UM/IZ
 Sample : SST00.2046
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST00.246

Quant Time: Nov 19 03:06:50 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 : Thu Nov 19 03:03:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	13852	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	48937	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	22970	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	48187	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	44837	0.40	ng/ul	0.00
22) Perylene-d12	23.59	264	38579	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	7502	0.51	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	13237	0.16	ng/ul	0.00
16) Fluoranthene-d10	19.16	212	23602	0.19	ng/ul	0.00

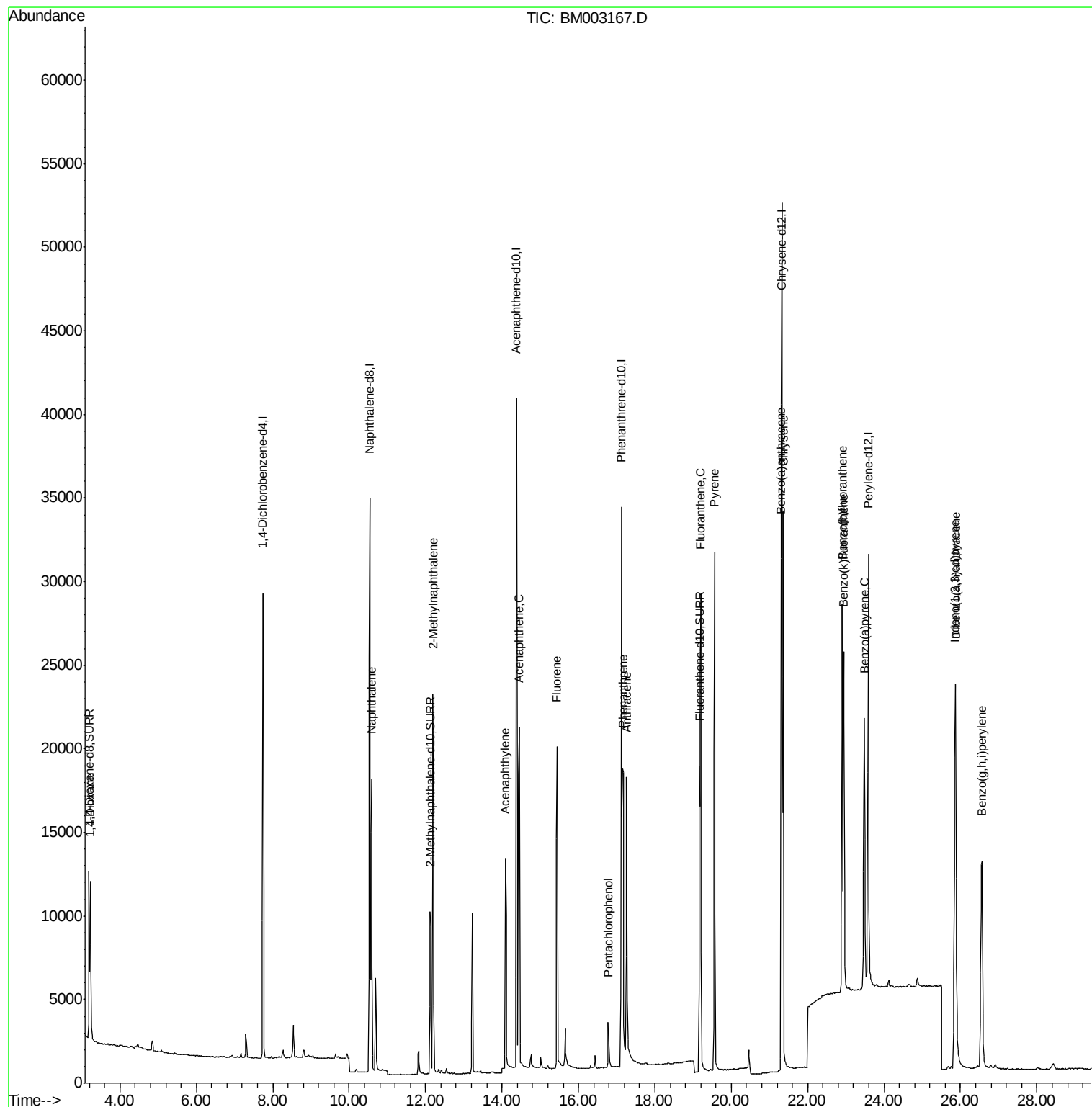
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	3.23	88	8597	0.51	ng/ul#	100
5) Naphthalene	10.58	128	25317	0.20	ng/ul	99
7) 2-Methylnaphthalene	12.19	142	16214	0.18	ng/ul#	100
9) Acenaphthylene	14.09	152	18745	0.15	ng/ul	100
10) Acenaphthene	14.45	153	16098	0.19	ng/ul	99
11) Fluorene	15.44	166	17003	0.17	ng/ul	99
13) Pentachlorophenol	16.78	266	2467	0.53	ng/ul#	17
14) Phenanthrene	17.17	178	27685	0.18	ng/ul	98
15) Anthracene	17.26	178	22489	0.17	ng/ul	99
17) Fluoranthene	19.20	202	30266	0.17	ng/ul	94
19) Pyrene	19.56	202	30873	0.19	ng/ul	95
20) Benzo(a)anthracene	21.31	228	25616	0.18	ng/ul	93
21) Chrysene	21.36	228	29681	0.20	ng/ul	92
23) Benzo(b)fluoranthene	22.90	252	29403	0.22	ng/ul	95
24) Benzo(k)fluoranthene	22.94	252	26948	0.20	ng/ul#	96
25) Benzo(a)pyrene	23.48	252	25711	0.20	ng/ul	92
26) Indeno(1,2,3-cd)pyrene	25.86	276	30324	0.21	ng/ul#	100
27) Dibenzo(a,h)anthracene	25.87	278	24210	0.20	ng/ul	96
28) Benzo(g,h,i)perylene	26.56	276	27107	0.22	ng/ul	98

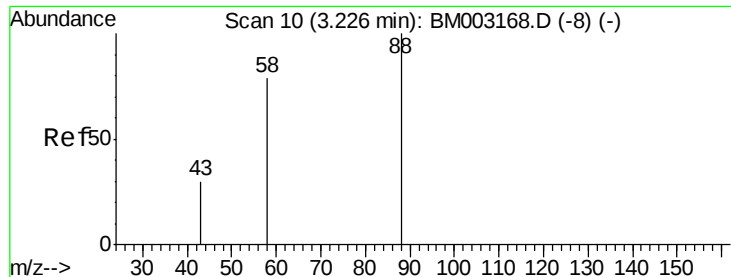
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

1,4-Dioxane

Concen: 0.51 ng/ul

RT: 3.23 min Scan# 10

Delta R.T. 0.00 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.246

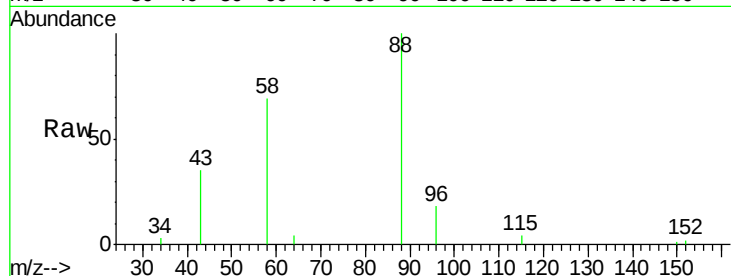
Tgt Ion: 88 Resp: 8597

Ion Ratio Lower Upper

88 100

58 57.6 0.0 0.0#

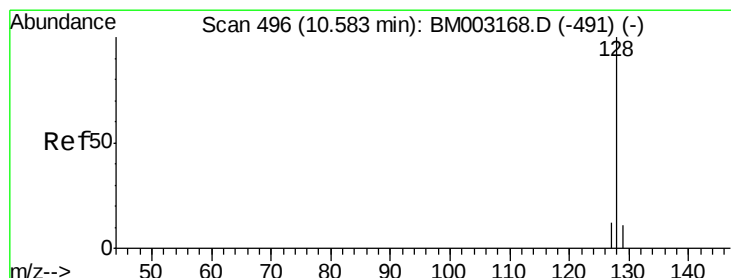
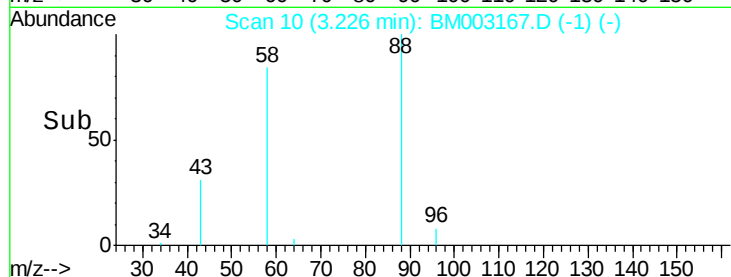
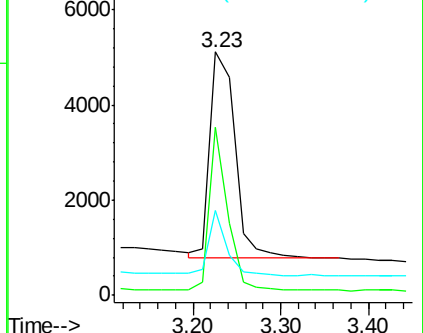
43 21.9 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM003167.D (-8) (-)

Ion 58.00 (57.70 to 58.70): BM003167.D (-8) (-)

Ion 43.00 (42.70 to 43.70): BM003167.D (-8) (-)



#5

Naphthalene

Concen: 0.20 ng/ul

RT: 10.58 min Scan# 496

Delta R.T. 0.00 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

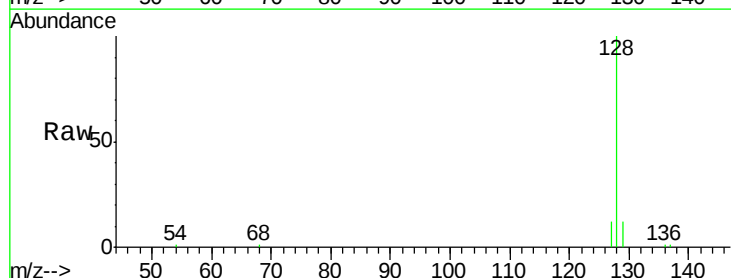
Tgt Ion: 128 Resp: 25317

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

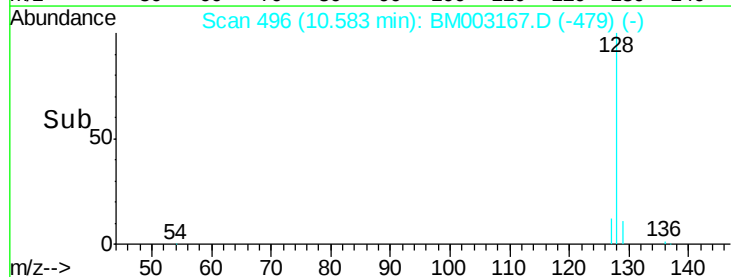
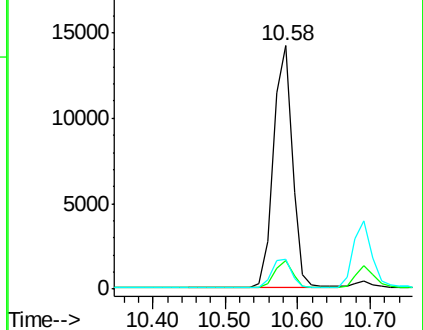
127 12.4 9.6 14.4

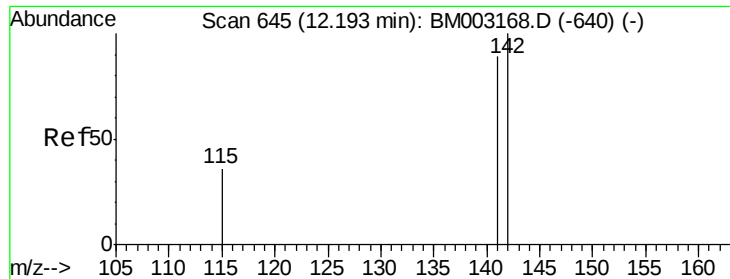


Abundance Ion 128.00 (127.70 to 128.70): BM003167.D (-491) (-)

Ion 129.00 (128.70 to 129.70): BM003167.D (-491) (-)

Ion 127.00 (126.70 to 127.70): BM003167.D (-491) (-)





#7

2-Methylnaphthalene

Concen: 0.18 ng/ul

RT: 12.19 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

Instrument :

BNA_M

ClientSampleId :

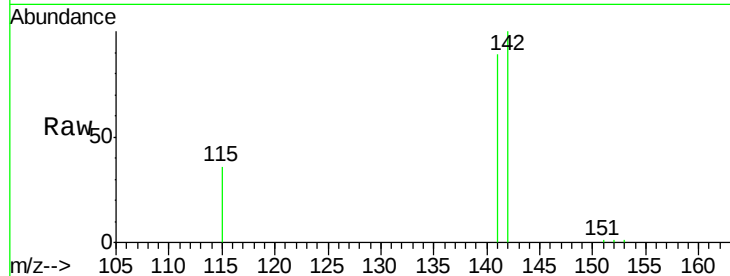
SSTD0.246

Tgt Ion:142 Resp: 16214

Ion Ratio Lower Upper

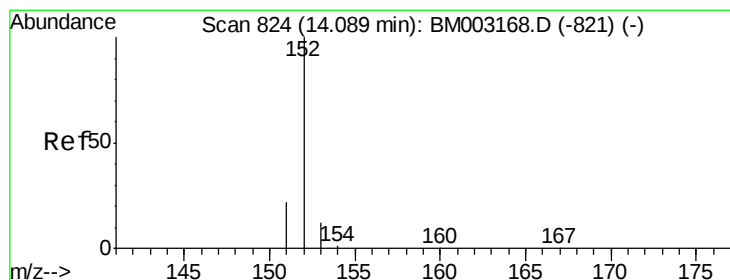
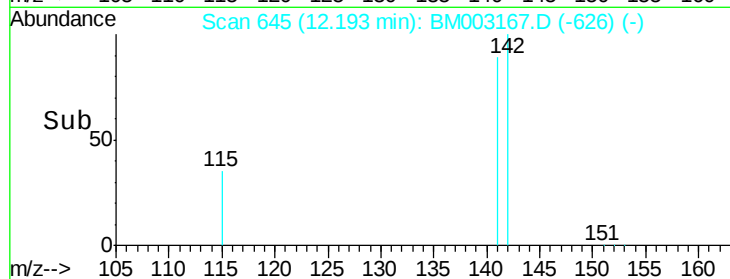
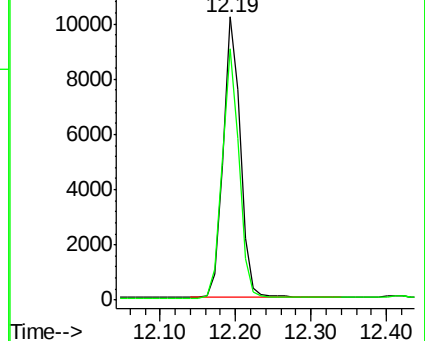
142 100

141 88.2 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: 0.15 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

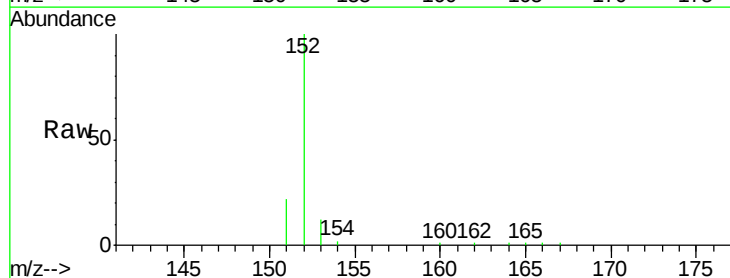
Tgt Ion:152 Resp: 18745

Ion Ratio Lower Upper

152 100

151 22.1 17.6 26.4

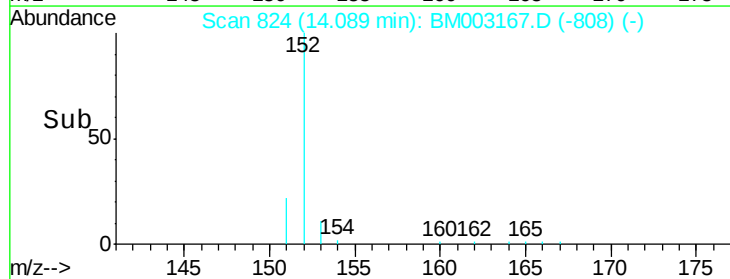
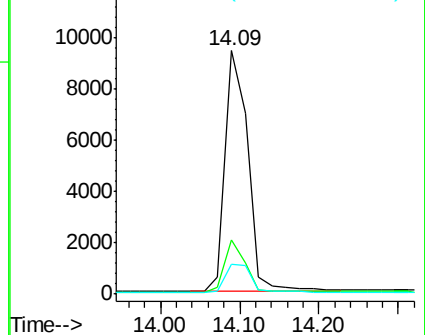
153 12.2 9.7 14.5

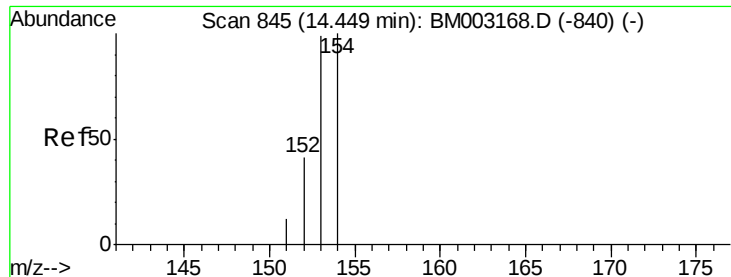


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.19 ng/ul

RT: 14.45 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.246

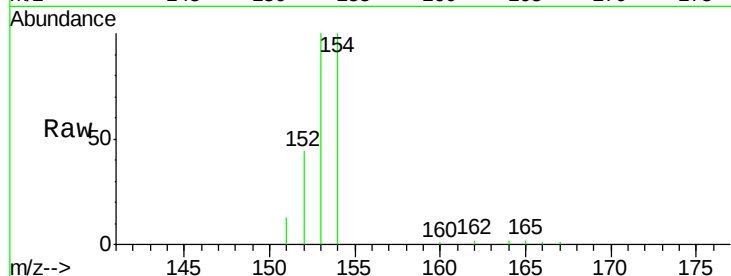
Tgt Ion:153 Resp: 16098

Ion Ratio Lower Upper

153 100

152 43.8 33.9 50.9

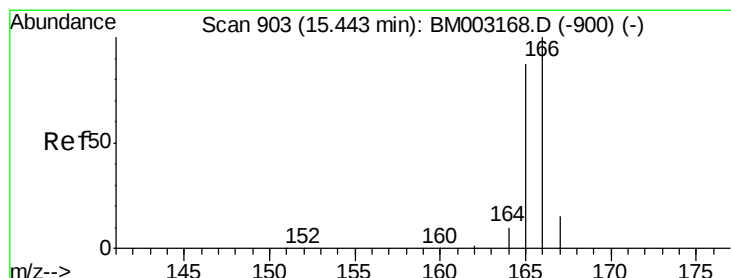
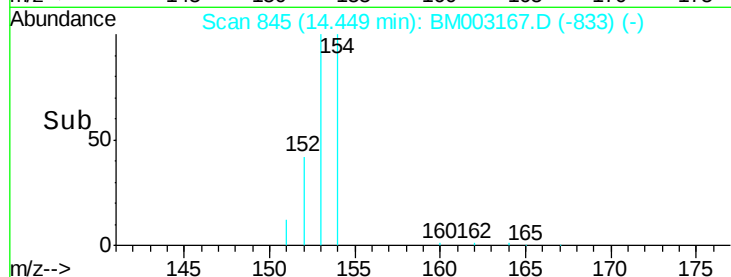
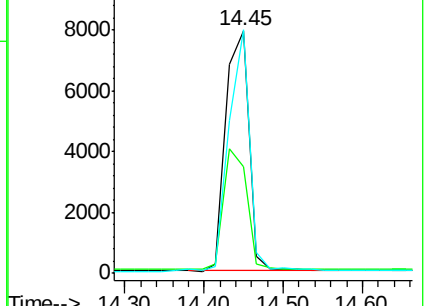
154 100.3 80.6 121.0



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: 0.17 ng/ul

RT: 15.44 min Scan# 903

Delta R.T. 0.00 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

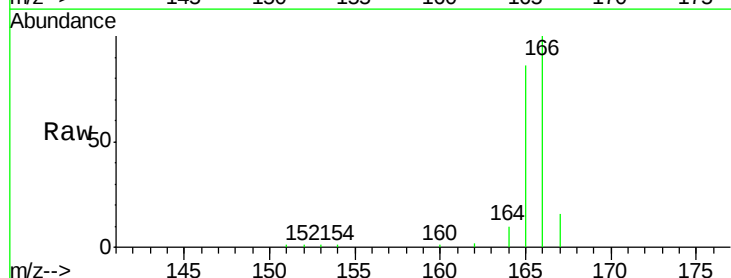
Tgt Ion:166 Resp: 17003

Ion Ratio Lower Upper

166 100

165 85.8 69.6 104.4

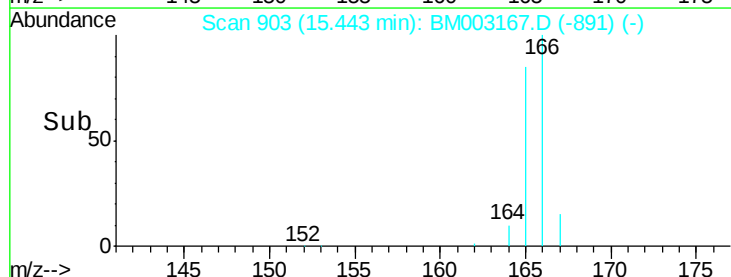
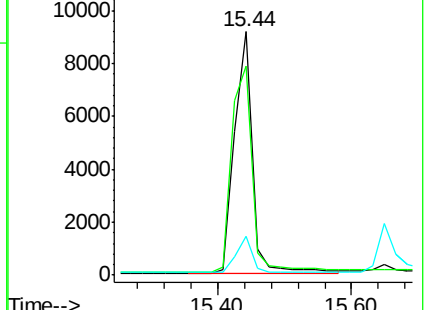
167 15.7 11.9 17.9

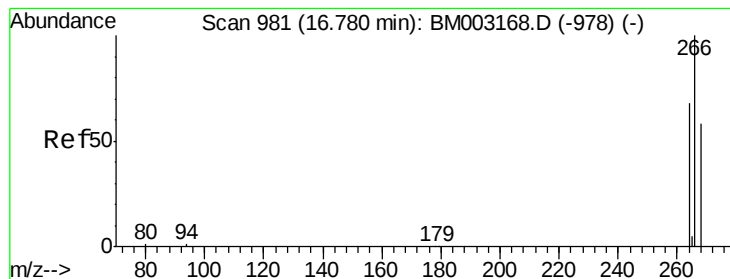


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#13

Pentachlorophenol

Concen: 0.53 ng/ul

RT: 16.78 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.246

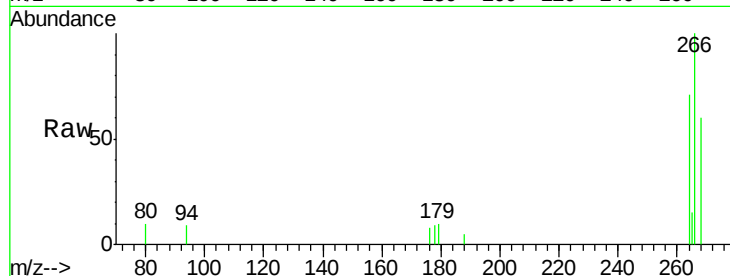
Tgt Ion:266 Resp: 2467

Ion Ratio Lower Upper

266 100

264 62.7 0.3 0.5#

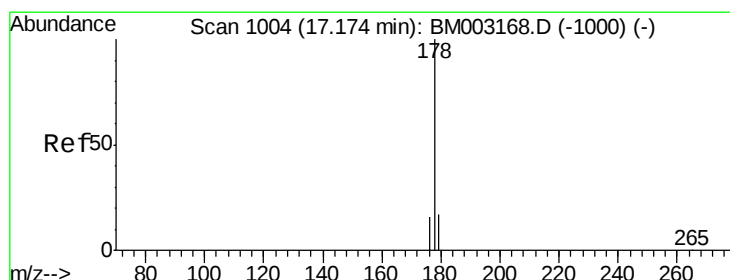
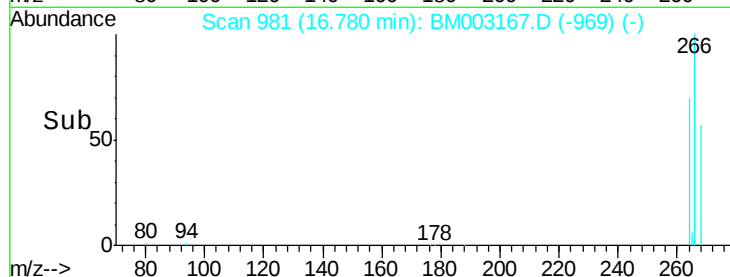
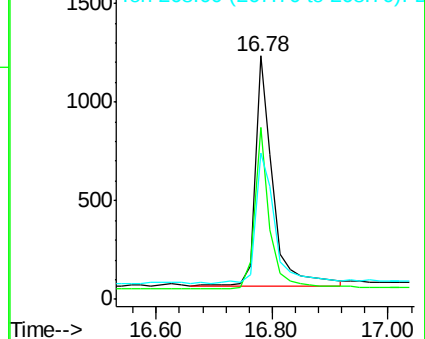
268 61.9 0.0 0.0#



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: 0.18 ng/ul

RT: 17.17 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

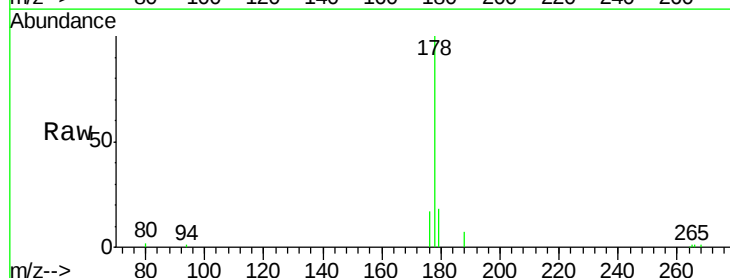
Tgt Ion:178 Resp: 27685

Ion Ratio Lower Upper

178 100

176 17.2 13.0 19.4

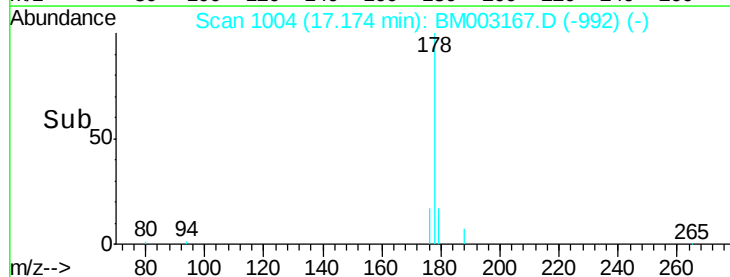
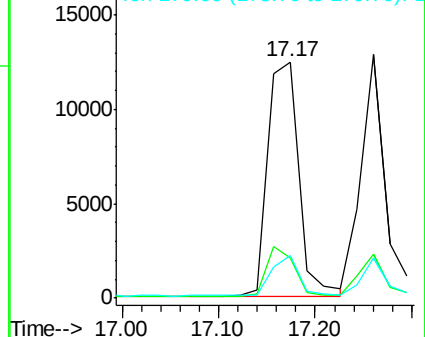
179 18.2 14.2 21.2

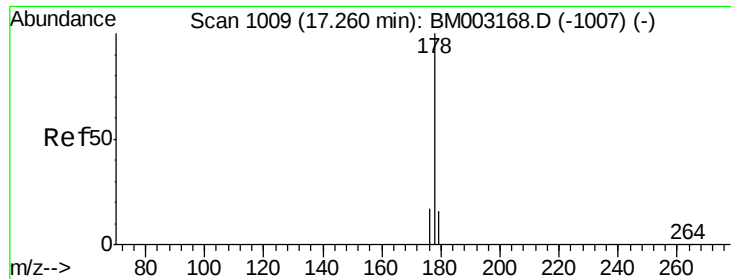


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Anthracene

Concen: 0.17 ng/ul

RT: 17.26 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

Instrument :

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ClientSampleId :

SSTD0.246

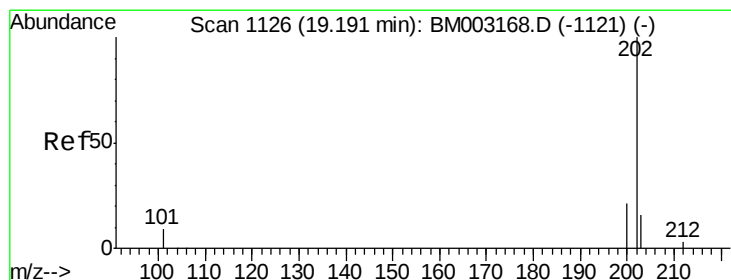
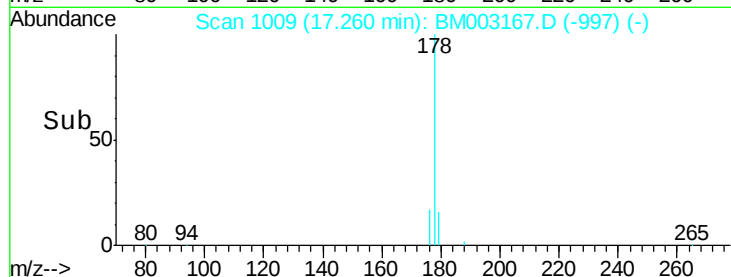
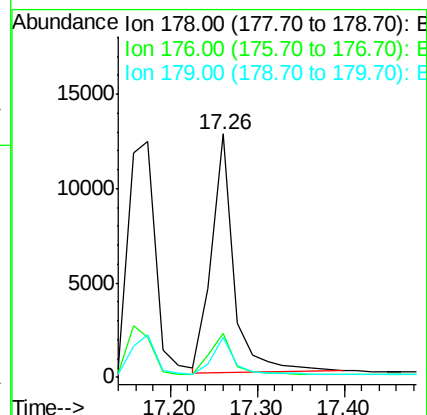
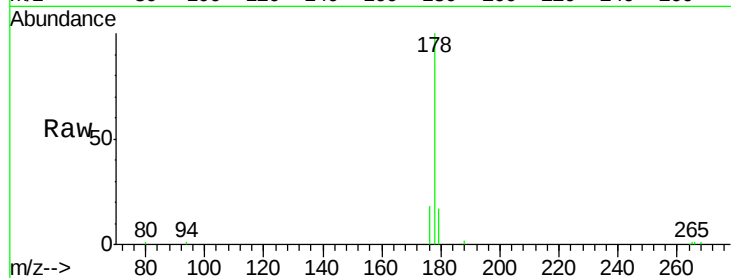
Tgt Ion:178 Resp: 22489

Ion Ratio Lower Upper

178 100

176 18.0 14.0 21.0

179 16.6 12.9 19.3



#17

Fluoranthene

Concen: 0.17 ng/ul

RT: 19.20 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

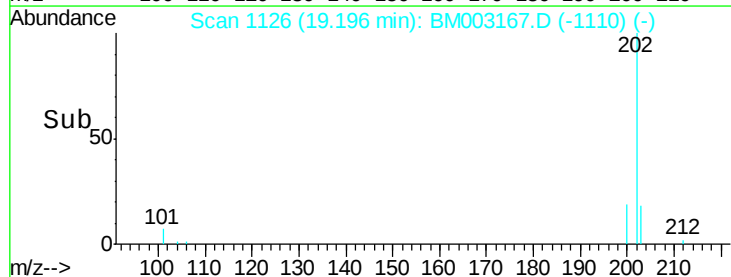
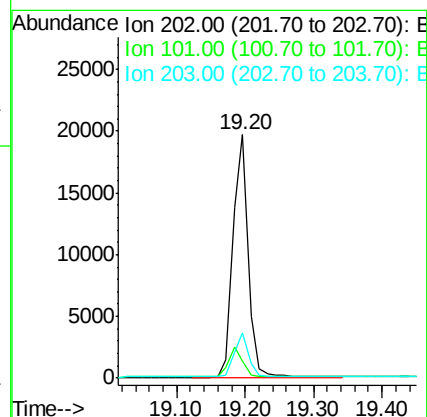
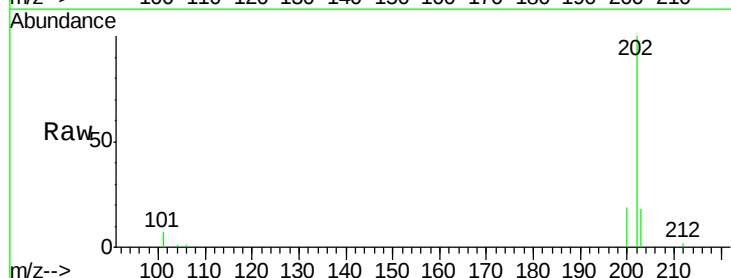
Tgt Ion:202 Resp: 30266

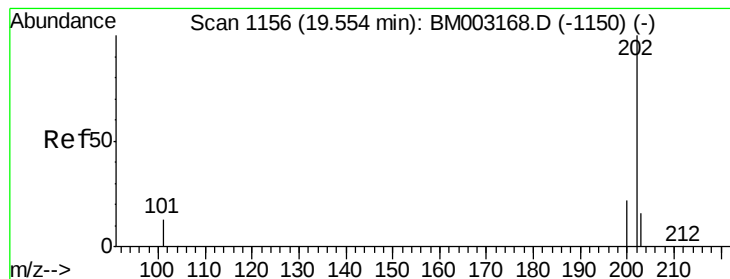
Ion Ratio Lower Upper

202 100

101 6.9 0.0 29.6

203 18.4 0.0 36.3





#19

Pyrene

Concen: 0.19 ng/ul

RT: 19.56 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

Instrument :

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ClientSampleId :

SSTD0.246

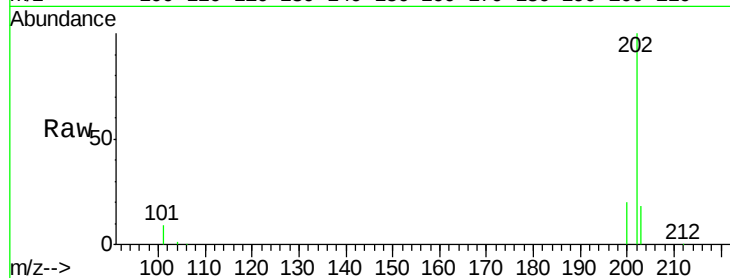
Tgt Ion:202 Resp: 30873

Ion Ratio Lower Upper

202 100

200 19.9 17.8 26.8

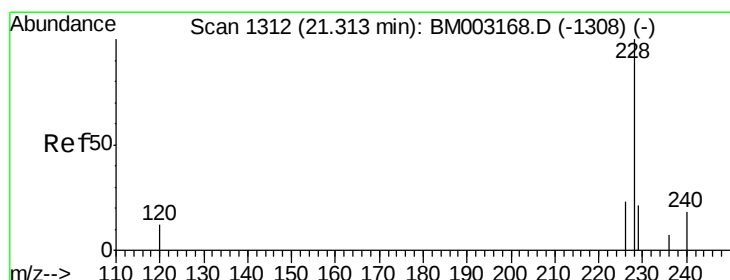
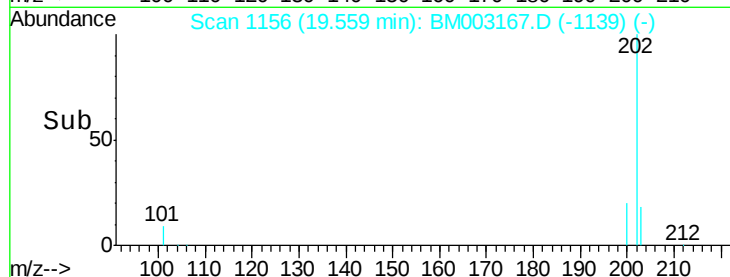
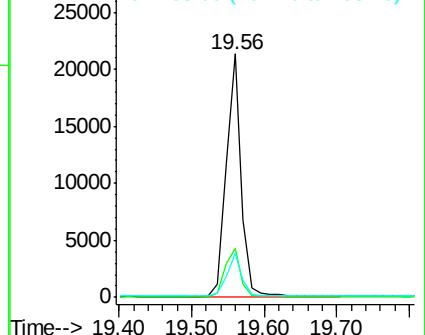
203 18.0 12.8 19.2



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: 0.18 ng/ul

RT: 21.31 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

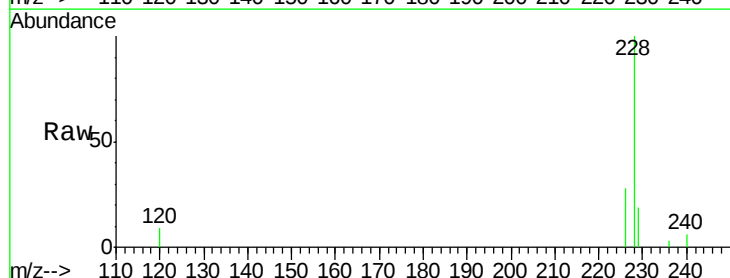
Tgt Ion:228 Resp: 25616

Ion Ratio Lower Upper

228 100

226 28.0 18.8 28.2

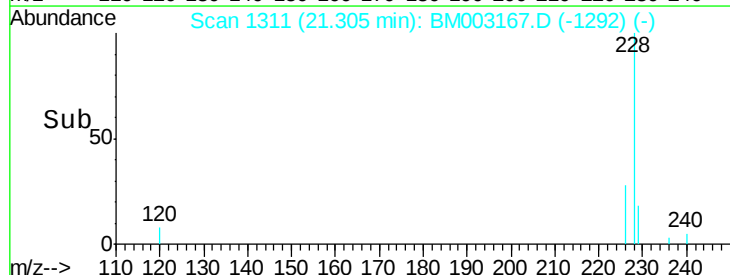
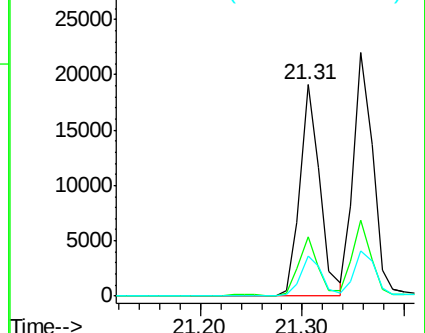
229 18.8 17.1 25.7

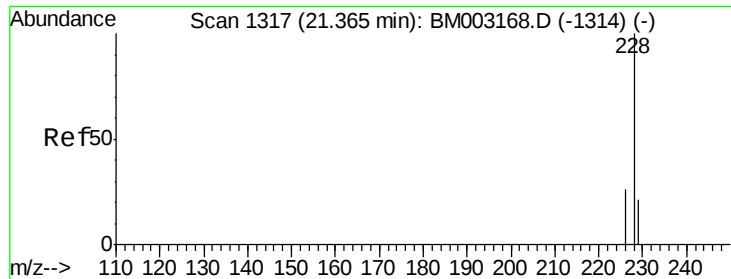


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.20 ng/ul

RT: 21.36 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

Instrument :

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ClientSampleId :

SSTD0.246

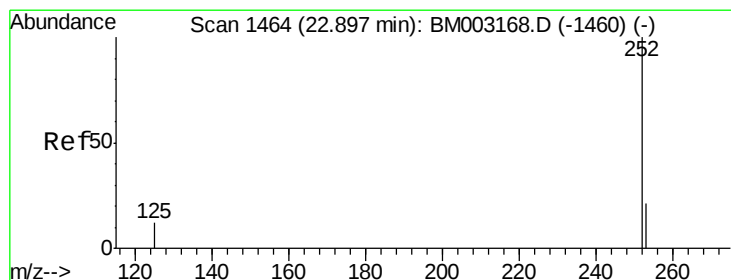
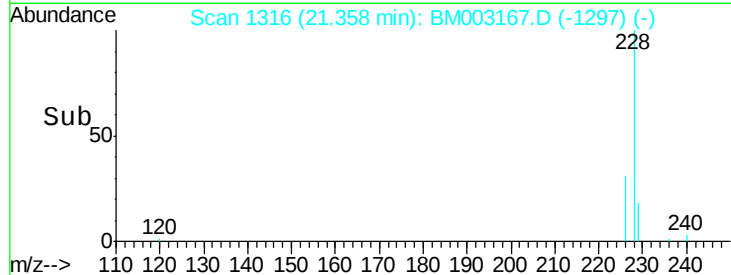
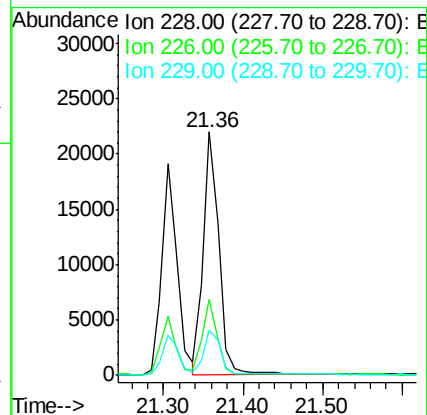
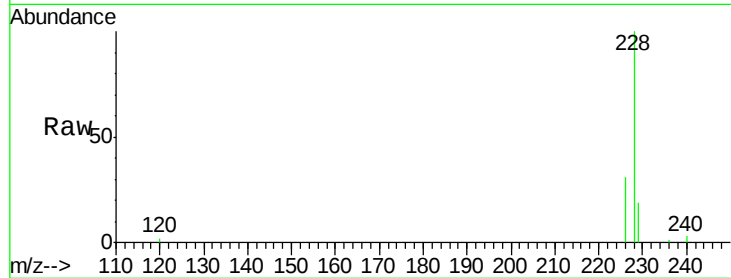
Tgt Ion:228 Resp: 29681

Ion Ratio Lower Upper

228 100

226 31.1 21.2 31.8

229 18.5 17.0 25.6



#23

Benzo(b)fluoranthene

Concen: 0.22 ng/ul

RT: 22.90 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

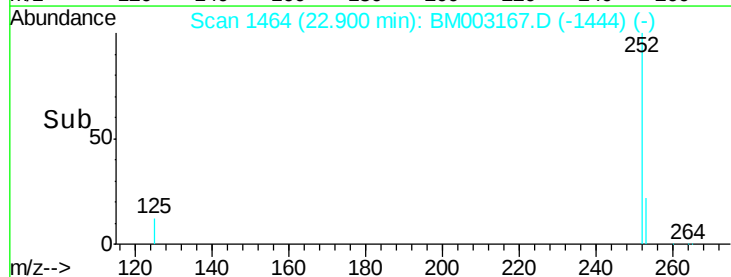
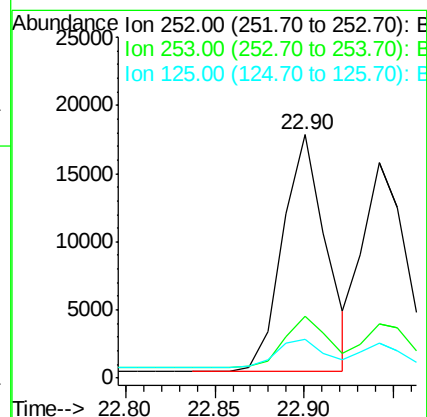
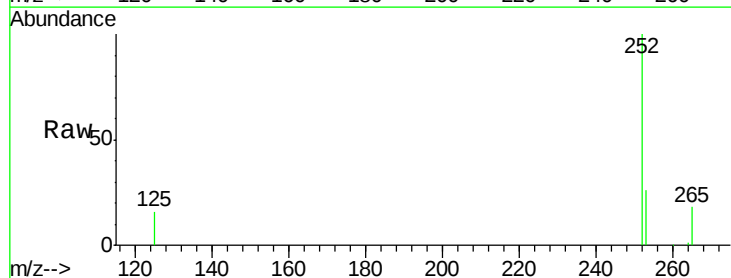
Tgt Ion:252 Resp: 29403

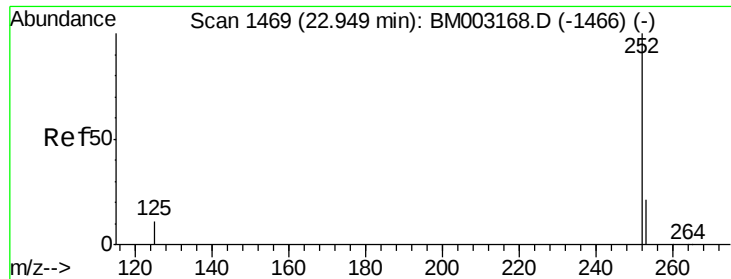
Ion Ratio Lower Upper

252 100

253 25.6 0.0 45.4

125 15.8 0.0 28.8





#24

Benzo(k)fluoranthene

Concen: 0.20 ng/ul

RT: 22.94 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.246

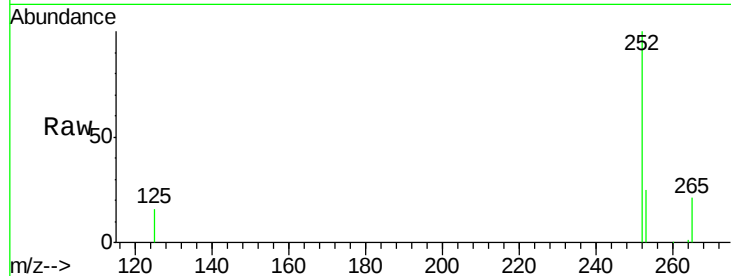
Tgt Ion:252 Resp: 26948

Ion Ratio Lower Upper

252 100

253 25.4 19.8 29.8

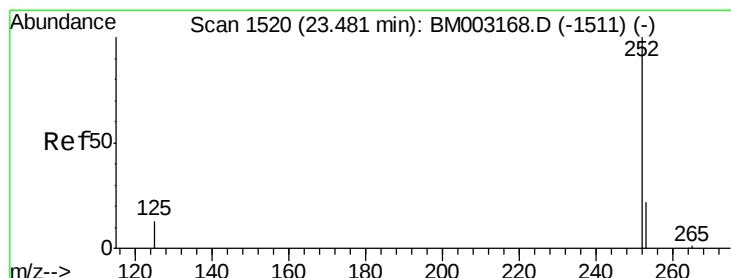
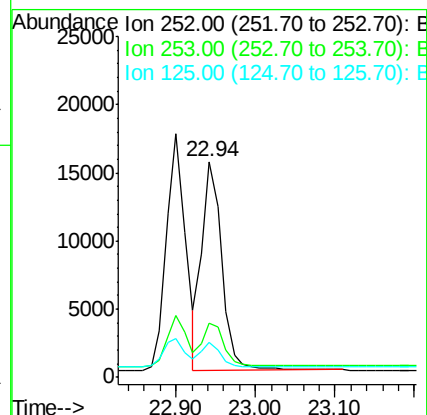
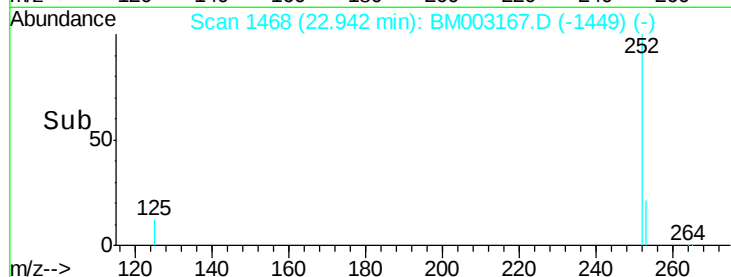
125 16.2 10.4 15.6#



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: 0.20 ng/ul

RT: 23.48 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

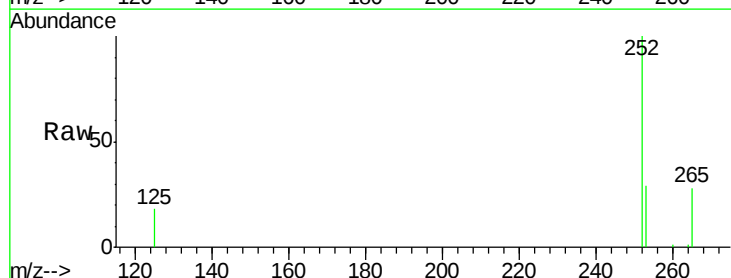
Tgt Ion:252 Resp: 25711

Ion Ratio Lower Upper

252 100

253 28.6 19.4 29.2

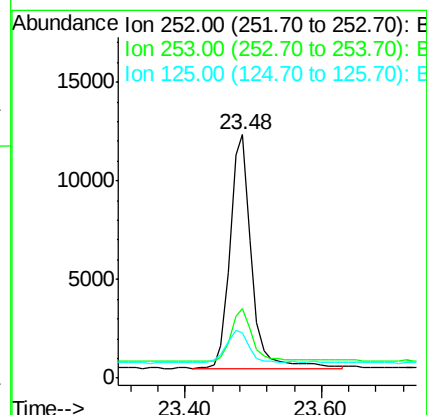
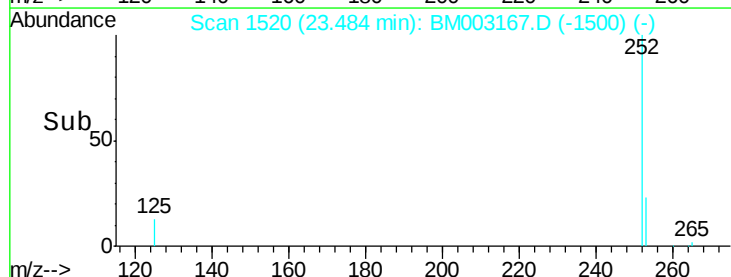
125 18.5 12.7 19.1

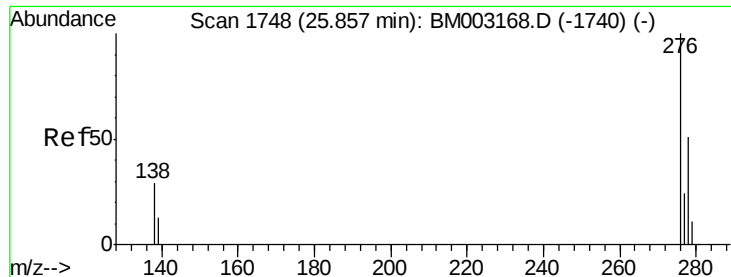


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.21 ng/ul

RT: 25.86 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.246

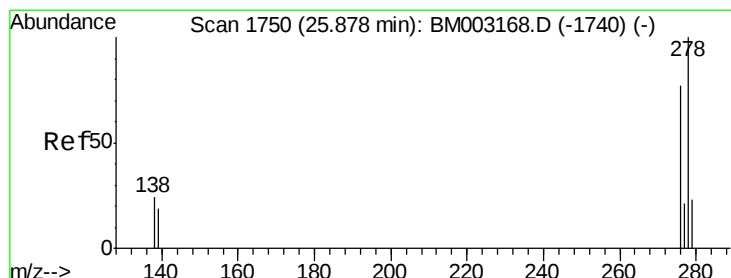
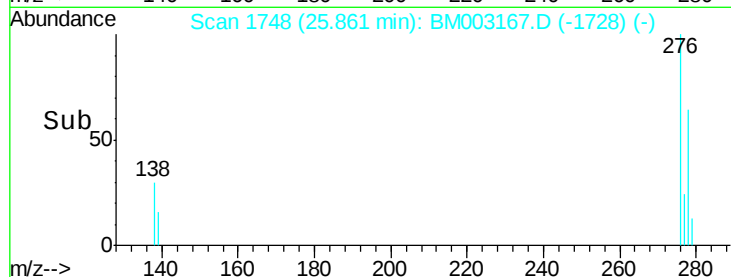
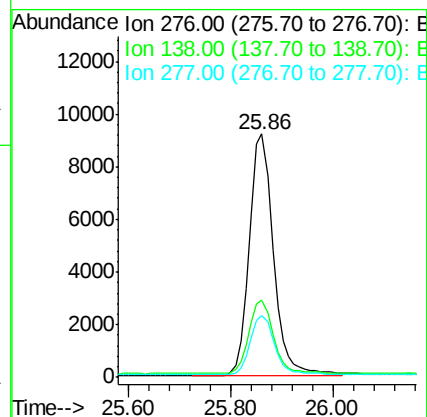
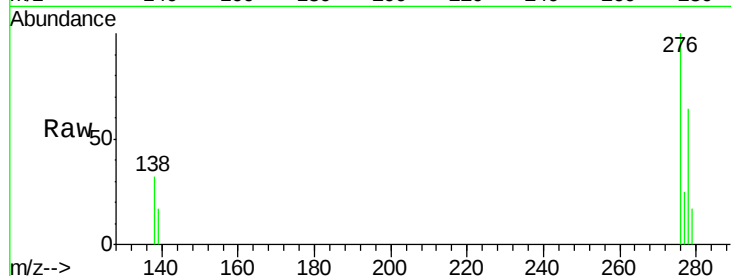
Tgt Ion:276 Resp: 30324

Ion Ratio Lower Upper

276 100

138 30.6 0.0 0.0#

277 24.9 0.0 0.0#



#27

Dibenzo(a,h)anthracene

Concen: 0.20 ng/ul

RT: 25.87 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

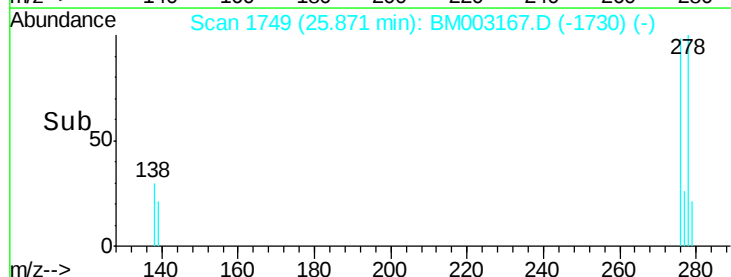
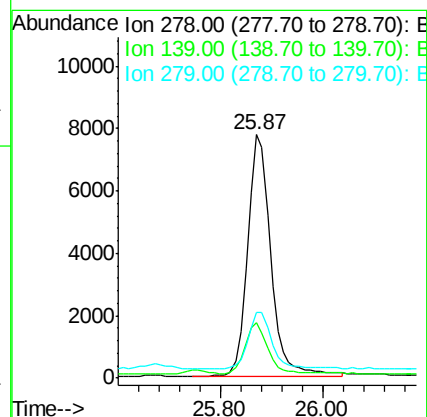
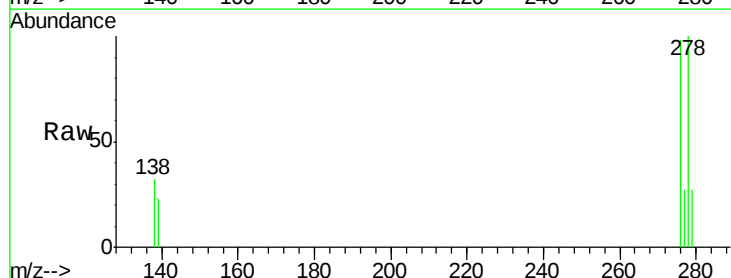
Tgt Ion:278 Resp: 24210

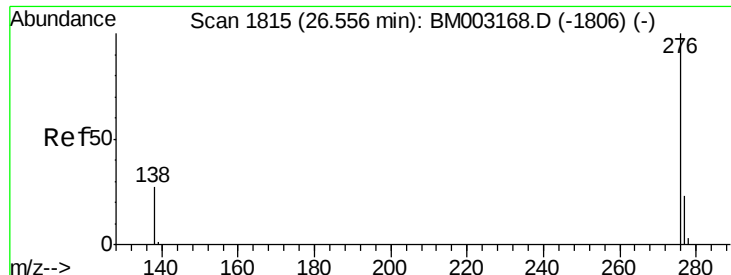
Ion Ratio Lower Upper

278 100

139 22.8 16.4 24.6

279 26.9 20.2 30.2





#28

Benzo(g,h,i)perylene

Concen: 0.22 ng/ul

RT: 26.56 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BM003167.D

Acq: 18 Nov 2015 19:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.246

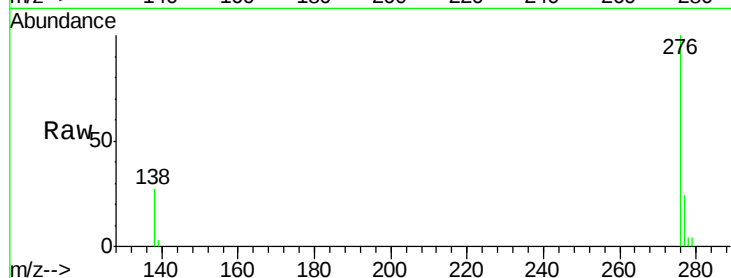
Tgt Ion: 276 Resp: 27107

Ion Ratio Lower Upper

276 100

277 24.5 18.9 28.3

138 26.9 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

