

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002981.D
 Acq On : 22 Oct 2015 17:36
 Operator : UM/IZ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.450

Quant Time: Oct 23 01:04:36 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:01:42 2015
 Response via : Initial Calibration

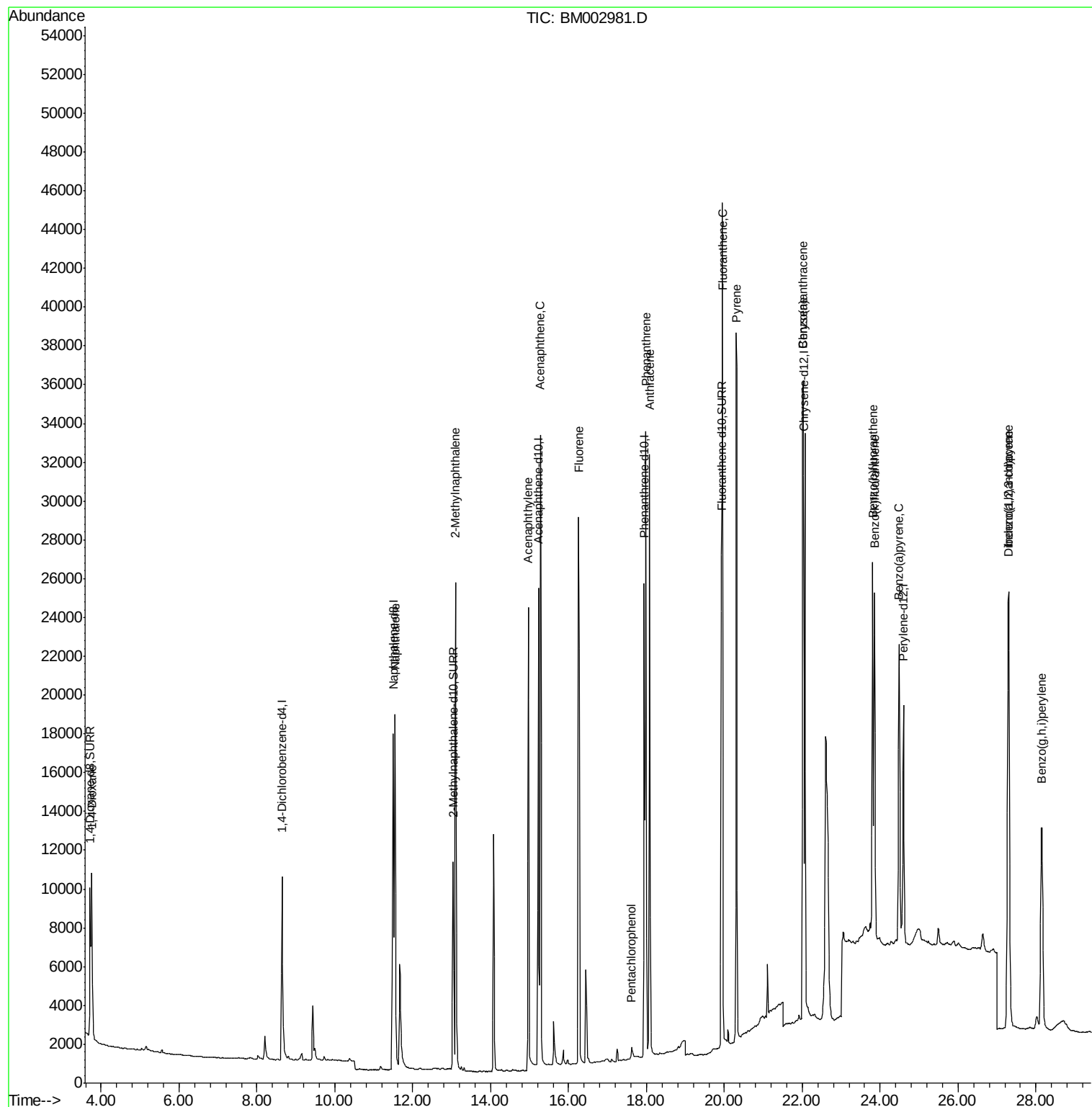
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	6763	0.40	ng/ul	0.00
4) Naphthalene-d8	11.49	136	29041	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.23	164	14718	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.94	188	32057	0.40	ng/ul	0.00
18) Chrysene-d12	22.03	240	22857	0.40	ng/ul	0.00
22) Perylene-d12	24.60	264	19188	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	6783	0.94	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	17332	0.36	ng/ul	0.00
16) Fluoranthene-d10	19.93	212	31983	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.76	88	7674	0.94	ng/ul	98
5) Naphthalene	11.54	128	30553	0.40	ng/ul	98
7) 2-Methylnaphthalene	13.10	142	20914	0.39	ng/ul	90
9) Acenaphthylene	14.96	152	37184	0.44	ng/ul	98
10) Acenaphthene	15.28	153	22137	0.41	ng/ul	99
11) Fluorene	16.25	166	24808	0.39	ng/ul	99
13) Pentachlorophenol	17.61	266	990	0.51	ng/ul	95
14) Phenanthrene	17.98	178	38847	0.39	ng/ul	96
15) Anthracene	18.08	178	38908	0.42	ng/ul	97
17) Fluoranthene	19.95	202	42586	0.36	ng/ul	94
19) Pyrene	20.31	202	42226	0.51	ng/ul#	92
20) Benzo(a)anthracene	22.01	228	31458	0.42	ng/ul	98
21) Chrysene	22.01	228	31458	0.41	ng/ul	96
23) Benzo(b)fluoranthene	23.80	252	27094	0.40	ng/ul	82
24) Benzo(k)fluoranthene	23.86	252	26803	0.41	ng/ul#	82
25) Benzo(a)pyrene	24.48	252	26209	0.40	ng/ul#	82
26) Indeno(1,2,3-cd)pyrene	27.30	276	29427	0.42	ng/ul	94
27) Dibenzo(a,h)anthracene	27.29	278	23977	0.42	ng/ul#	89
28) Benzo(g,h,i)perylene	28.15	276	24770	0.42	ng/ul#	90

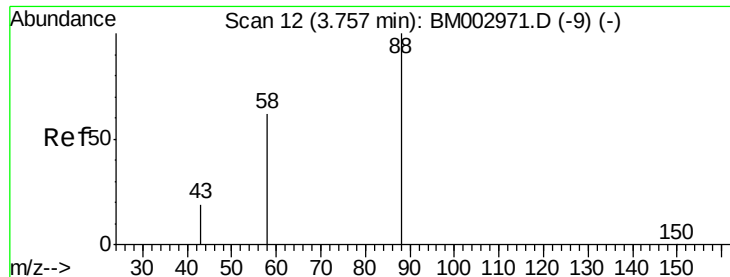
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
Data File : BM002981.D
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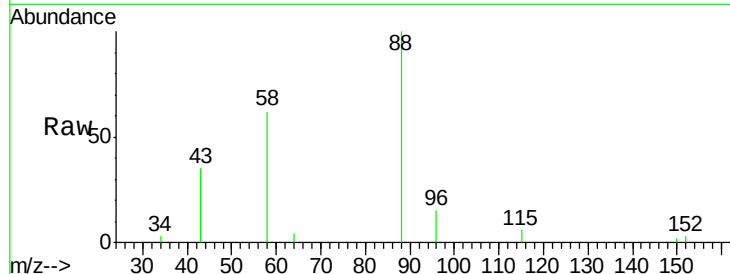




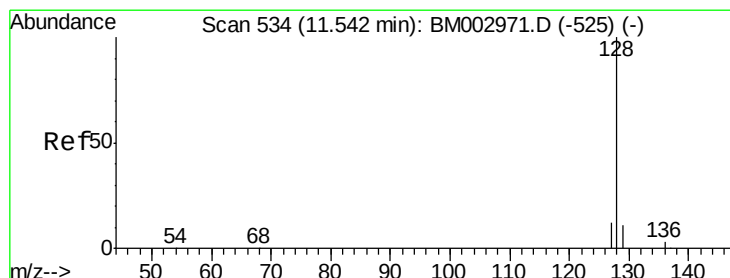
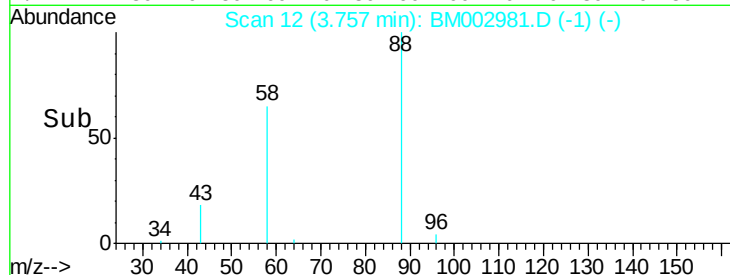
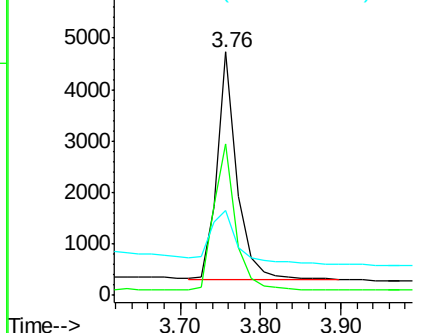
#3
1,4-Dioxane
Concen: 0.94 ng/ul
RT: 3.76 min Scan# 12
Delta R.T. 0.00 min
Lab File: BM002981.D
Acq: 22 Oct 2015 17:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.450

Tot Ion: 88 Resp: 7674
Ion Ratio Lower Upper
88 100
58 70.0 55.4 83.2
43 32.1 24.2 36.2

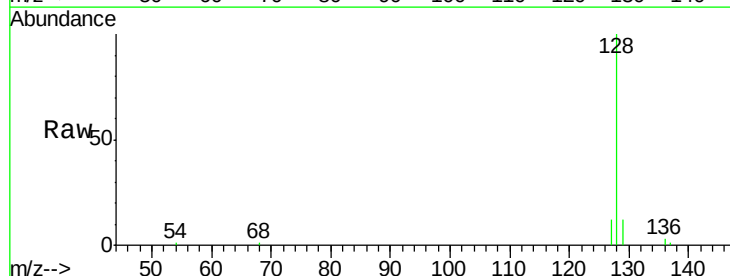


Abundance Ion 88.00 (87.70 to 88.70): BM002971.D (-9) (-)
Ion 58.00 (57.70 to 58.70): BM002971.D (-9) (-)
Ion 43.00 (42.70 to 43.70): BM002971.D (-9) (-)

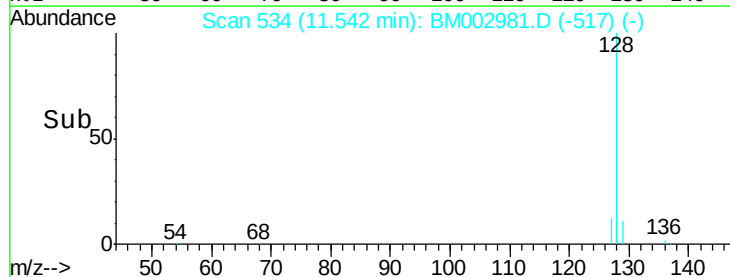
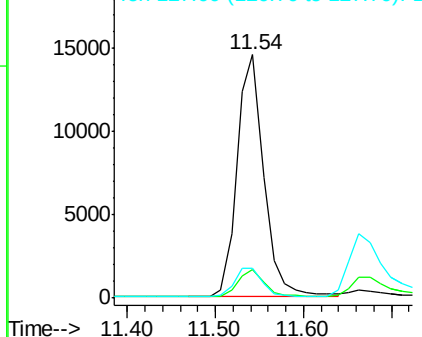


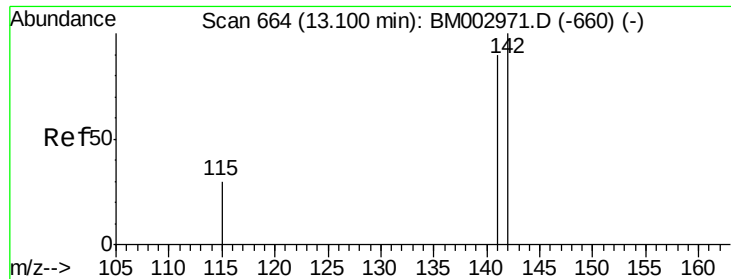
#5
Naphthalene
Concen: 0.40 ng/ul
RT: 11.54 min Scan# 534
Delta R.T. 0.00 min
Lab File: BM002981.D
Acq: 22 Oct 2015 17:36

Tgt Ion: 128 Resp: 30553
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.8
127 12.5 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): BM002971.D (-525) (-)
Ion 129.00 (128.70 to 129.70): BM002971.D (-525) (-)
Ion 127.00 (126.70 to 127.70): BM002971.D (-525) (-)





#7

2-Methylnaphthalene

Concen: 0.39 ng/ul

RT: 13.10 min Scan# 664

Delta R.T. 0.00 min

Lab File: BM002981.D

Acq: 22 Oct 2015 17:36

Instrument :

BNA_M

ClientSampleId :

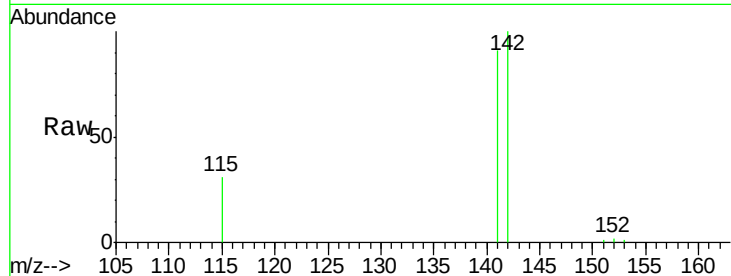
SSTD0.450

Tot Ion:142 Resp: 20914

Ion Ratio Lower Upper

142 100

141 97.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

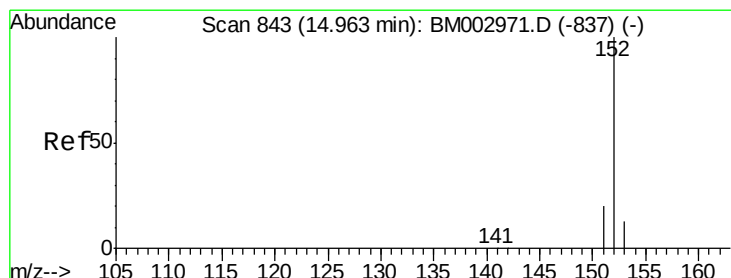
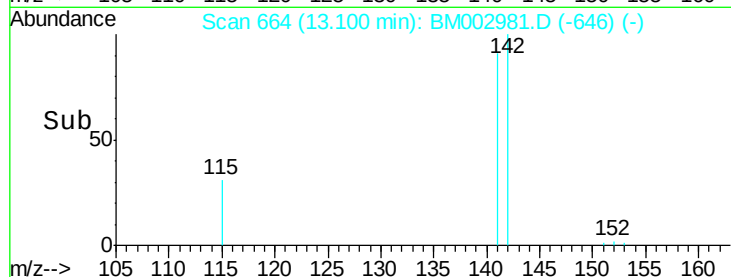
13.10

10000

5000

0

Time--> 13.00 13.10 13.20 13.30



#9

Acenaphthylene

Concen: 0.44 ng/ul

RT: 14.96 min Scan# 843

Delta R.T. 0.00 min

Lab File: BM002981.D

Acq: 22 Oct 2015 17:36

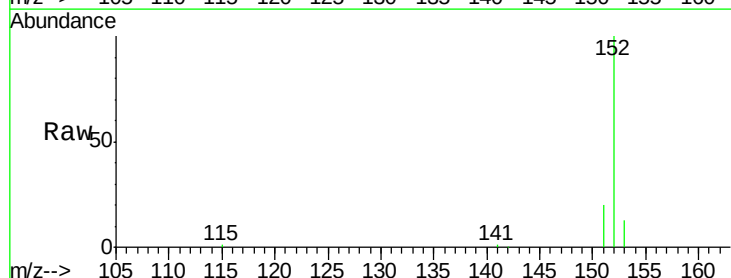
Tgt Ion:152 Resp: 37184

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

153 12.9 11.3 16.9



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

14.96

25000

20000

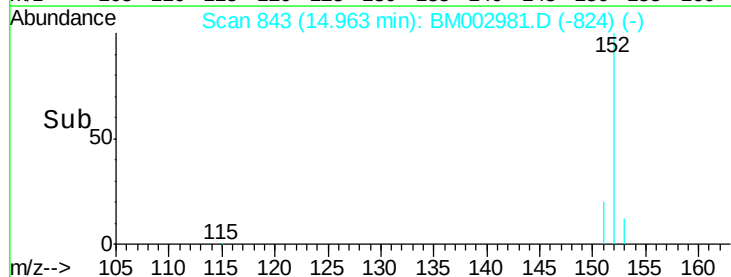
15000

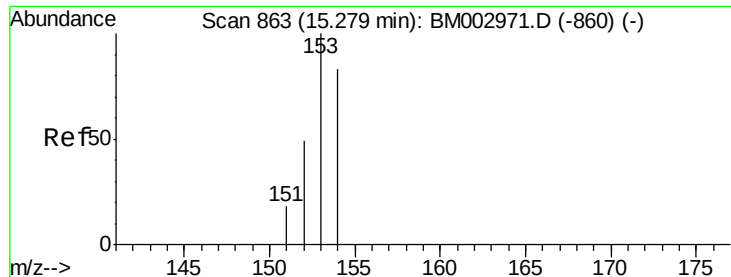
10000

5000

0

Time--> 14.80 14.90 15.00 15.10





#10

Acenaphthene

Concen: 0.41 ng/ul

RT: 15.28 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM002981.D

Acq: 22 Oct 2015 17:36

Instrument :

BNA_M

ClientSampleId :

SSTD0.450

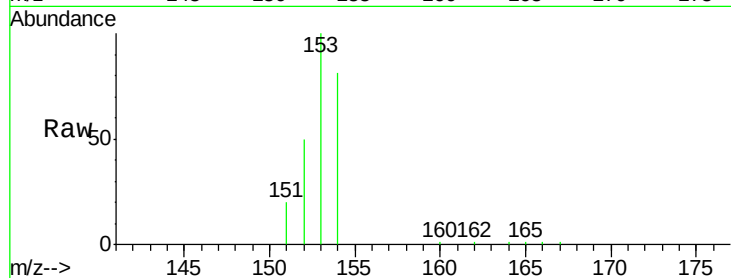
Tot Ion:153 Resp: 22137

Ion	Ratio	Lower	Upper
153	100		
152	50.2	42.3	63.5
154	80.9	64.7	97.1

153 100

152 50.2 42.3 63.5

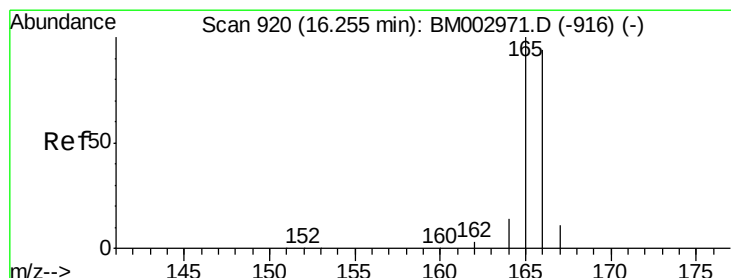
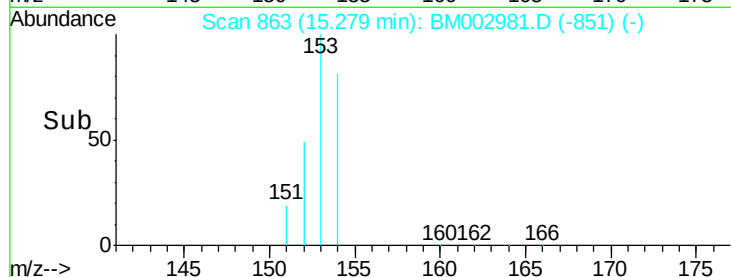
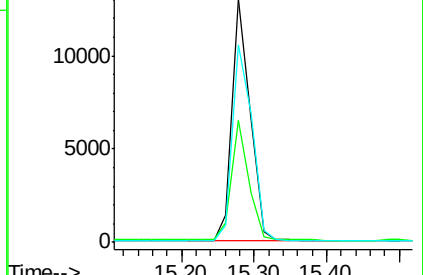
154 80.9 64.7 97.1



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: 0.39 ng/ul

RT: 16.25 min Scan# 920

Delta R.T. 0.00 min

Lab File: BM002981.D

Acq: 22 Oct 2015 17:36

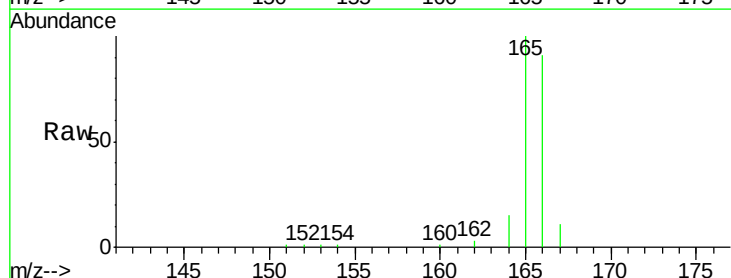
Tgt Ion:166 Resp: 24808

Ion	Ratio	Lower	Upper
166	100		
165	110.4	87.6	131.4
167	12.5	11.1	16.7

166 100

165 110.4 87.6 131.4

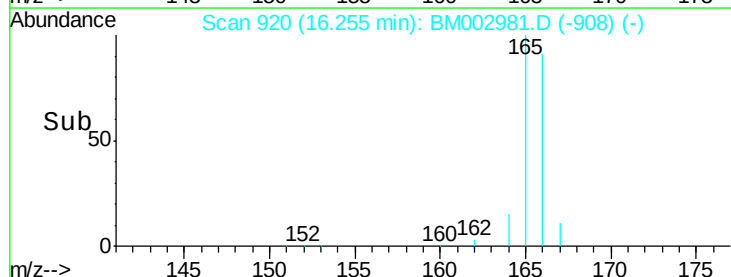
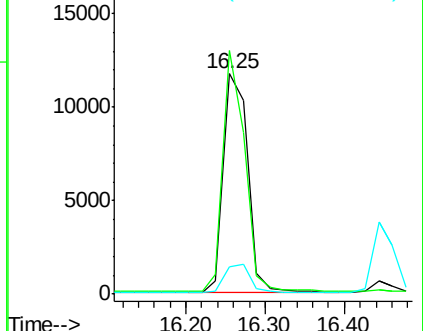
167 12.5 11.1 16.7

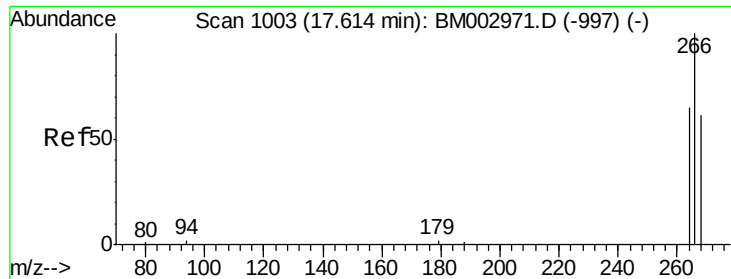


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

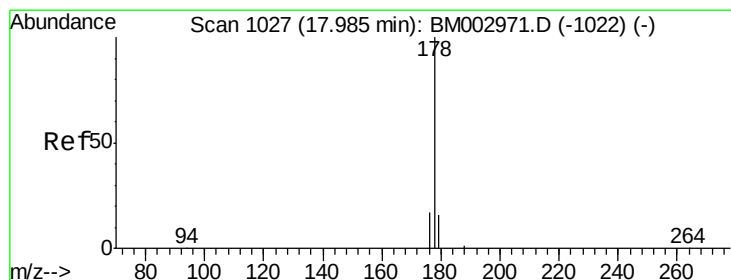
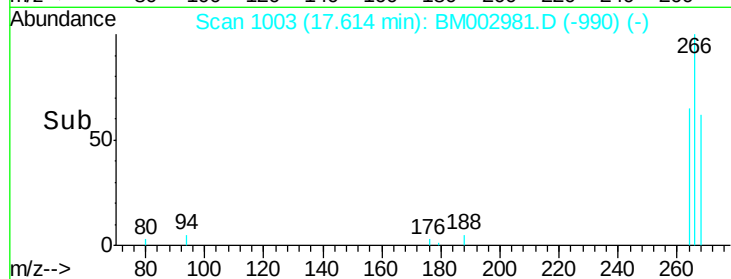
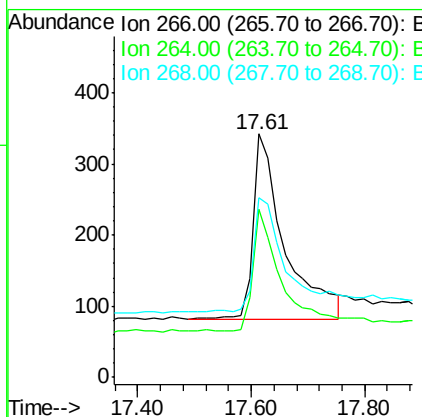
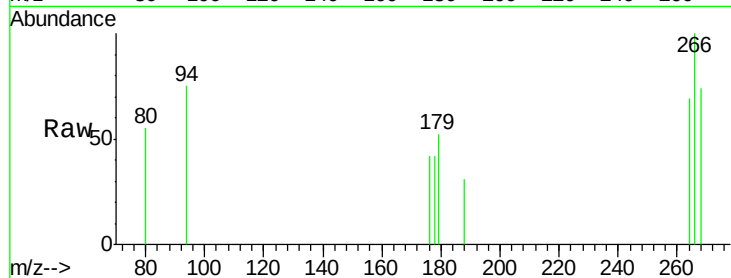




#13
 Pentachlorophenol
 Concen: 0.51 ng/ul
 RT: 17.61 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BM002981.D
 Acq: 22 Oct 2015 17:36

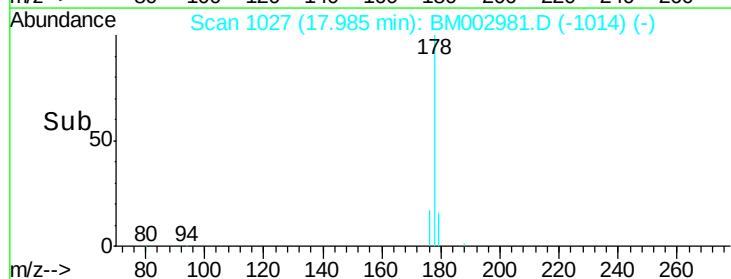
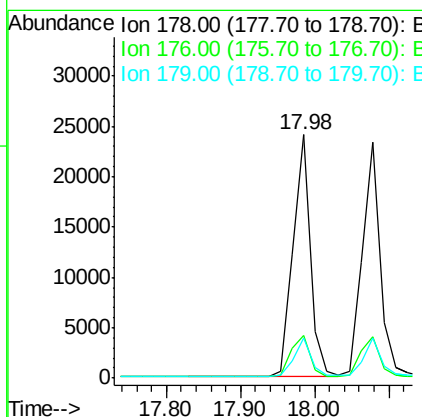
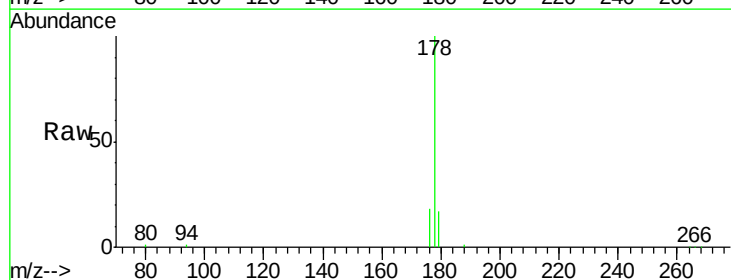
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.450

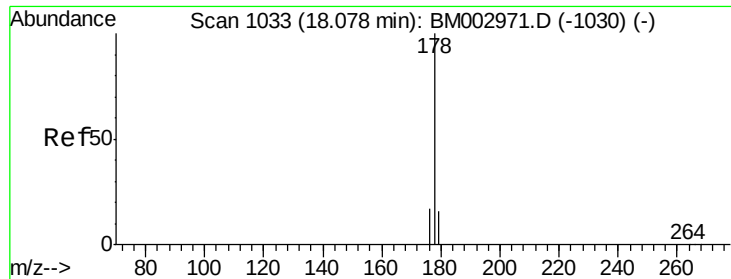
Tot Ion:266 Resp: 990
 Ion Ratio Lower Upper
 266 100
 264 61.0 53.5 80.3
 268 65.6 54.2 81.2



#14
 Phenanthrene
 Concen: 0.39 ng/ul
 RT: 17.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BM002981.D
 Acq: 22 Oct 2015 17:36

Tgt Ion:178 Resp: 38847
 Ion Ratio Lower Upper
 178 100
 176 17.6 16.2 24.4
 179 16.6 12.8 19.2





#15

Anthracene

Concen: 0.42 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BM002981.D

Acq: 22 Oct 2015 17:36

Instrument :

BNA_M

ClientSampleId :

SSTD0.450

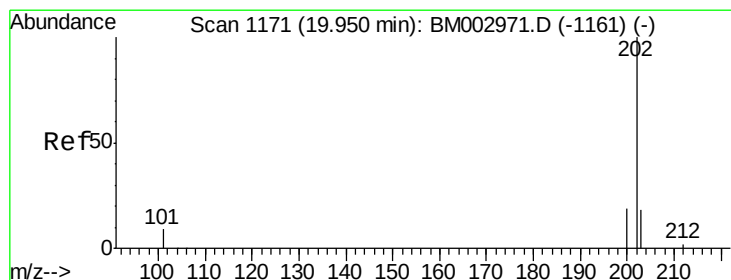
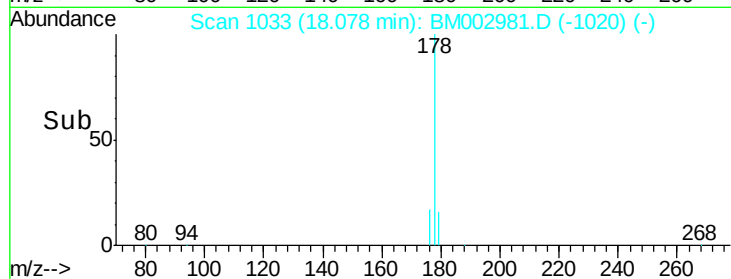
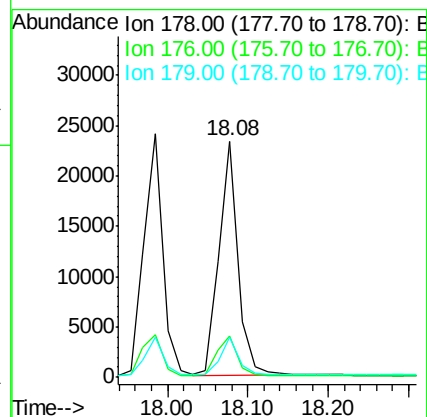
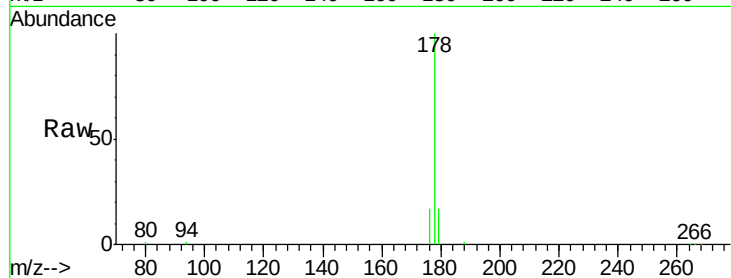
Tot Ion:178 Resp: 38908

Ion Ratio Lower Upper

178 100

176 17.4 15.8 23.8

179 16.7 13.3 19.9



#17

Fluoranthene

Concen: 0.36 ng/ul

RT: 19.95 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BM002981.D

Acq: 22 Oct 2015 17:36

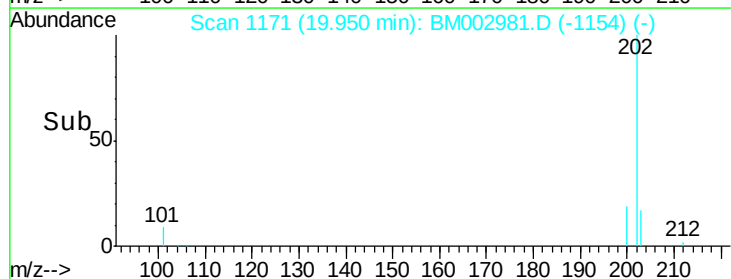
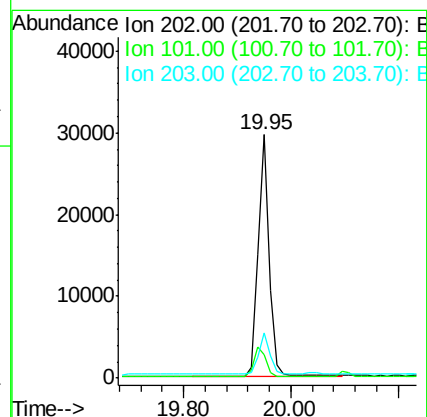
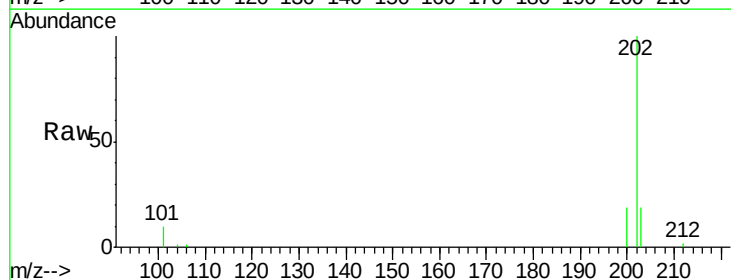
Tgt Ion:202 Resp: 42586

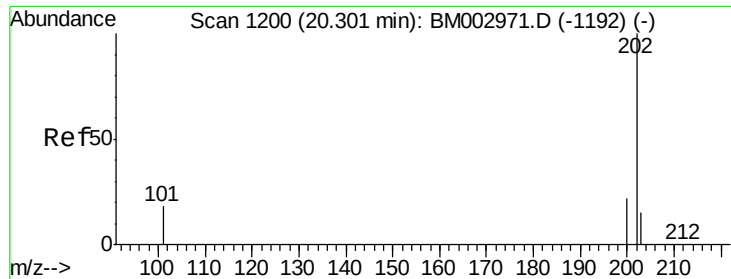
Ion Ratio Lower Upper

202 100

101 9.6 0.0 33.1

203 18.7 0.0 37.2

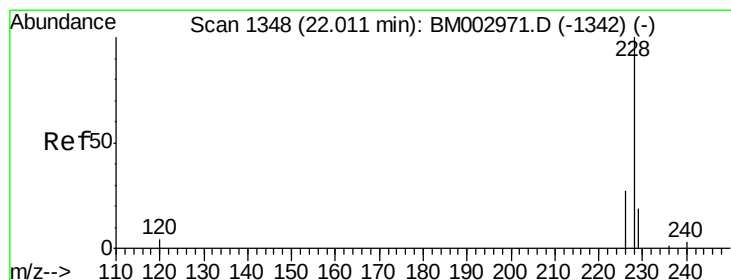
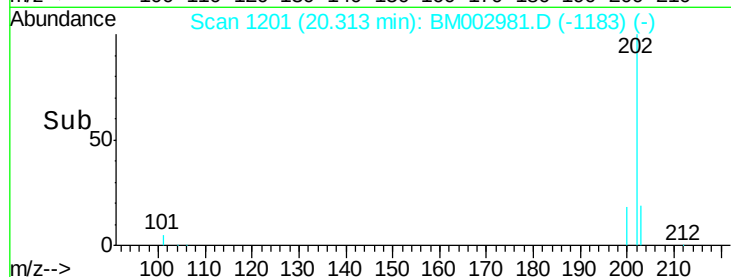
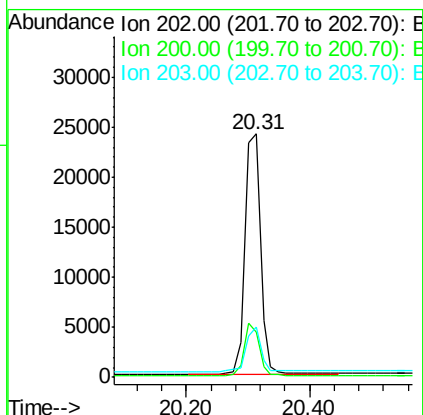
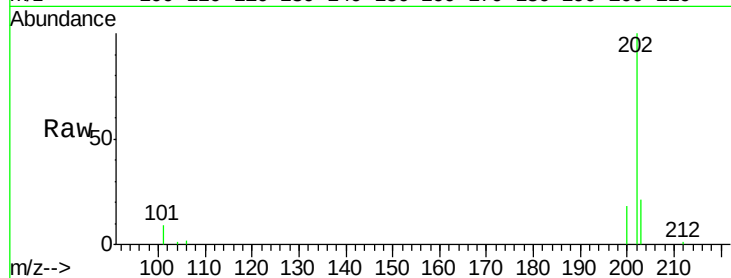




#19
Pvrene
Concen: 0.51 ng/ul
RT: 20.31 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BM002981.D
Acq: 22 Oct 2015 17:36

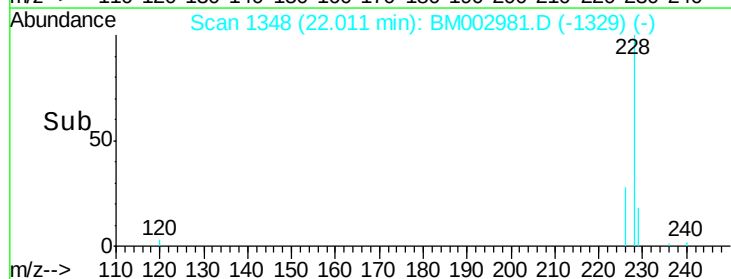
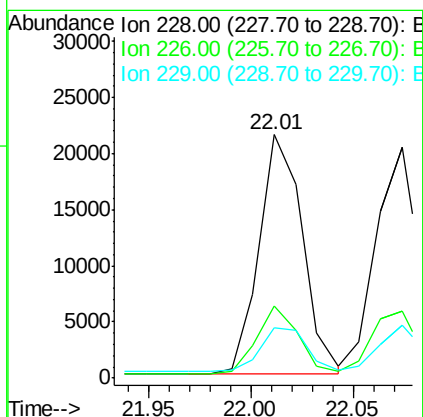
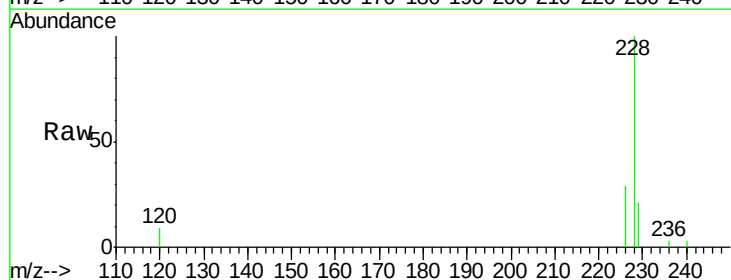
Instrument :
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SSTD0.450

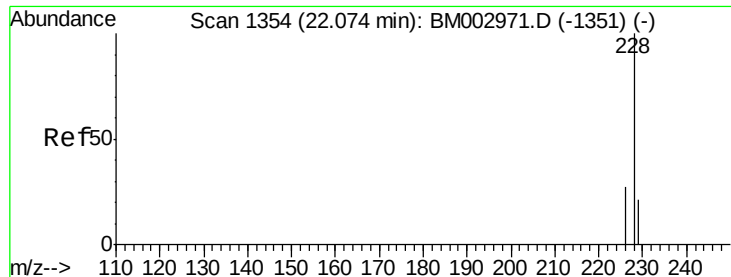
Tot Ion:202 Resp: 42226
Ion Ratio Lower Upper
202 100
200 18.4 18.0 27.0
203 20.8 13.8 20.6#



#20
Benzo(a)anthracene
Concen: 0.42 ng/ul
RT: 22.01 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM002981.D
Acq: 22 Oct 2015 17:36

Tgt Ion:228 Resp: 31458
Ion Ratio Lower Upper
228 100
226 29.5 23.0 34.4
229 20.6 15.2 22.8





#21

Chrysene

Concen: 0.41 ng/ul

RT: 22.01 min Scan# 1348

Delta R.T. -0.06 min

Lab File: BM002981.D

Acq: 22 Oct 2015 17:36

Instrument :

BNA_M

ClientSampleId :

SSTD0.450

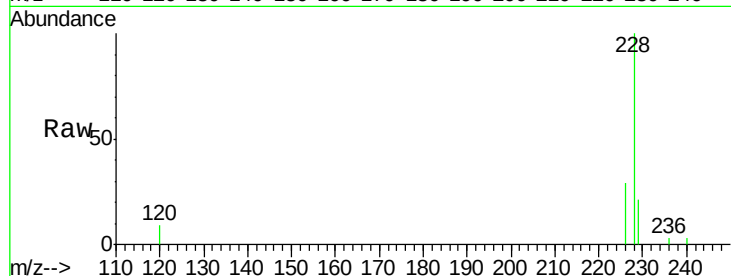
Tot Ion:228 Resp: 31458

Ion Ratio Lower Upper

228 100

226 29.5 25.7 38.5

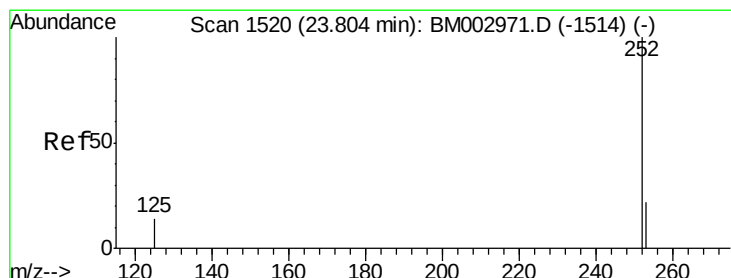
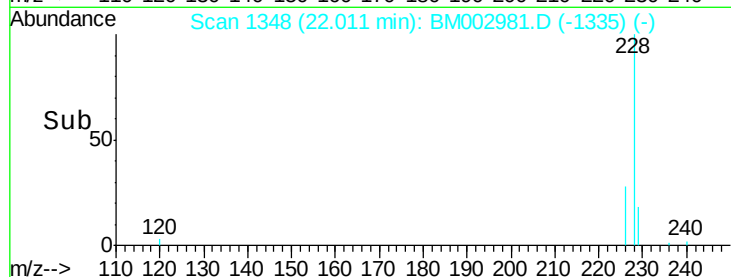
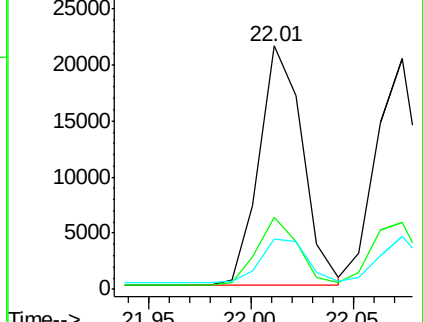
229 20.6 15.2 22.8



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: 0.40 ng/ul

RT: 23.80 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BM002981.D

Acq: 22 Oct 2015 17:36

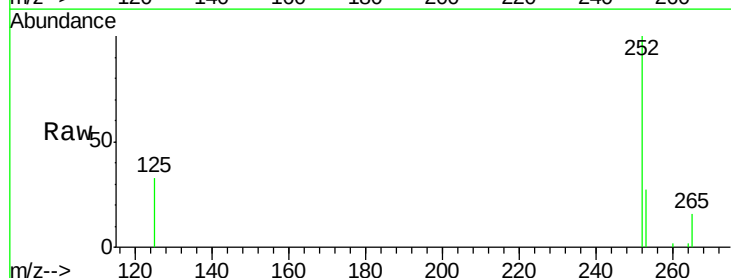
Tgt Ion:252 Resp: 27094

Ion Ratio Lower Upper

252 100

253 26.9 0.0 48.0

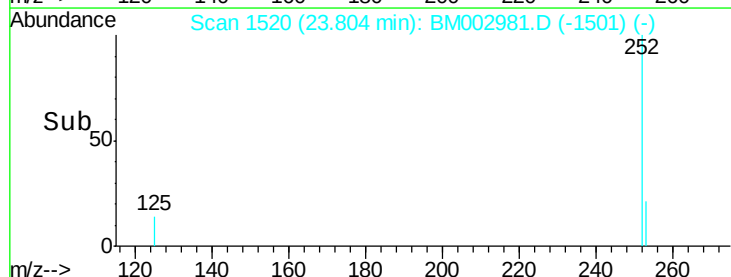
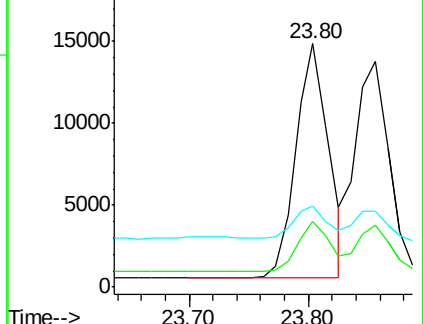
125 33.2 0.0 36.6

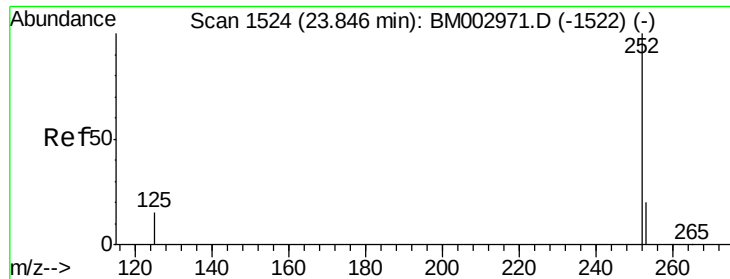


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.41 ng/ul

RT: 23.86 min Scan# 1525

Delta R.T. 0.01 min

Lab File: BM002981.D

Acq: 22 Oct 2015 17:36

Instrument :

BNA_M

ClientSampleId :

SSTD0.450

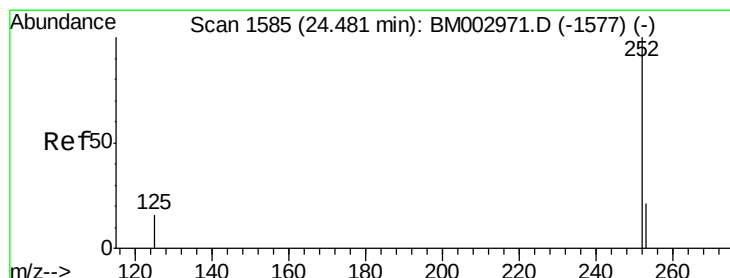
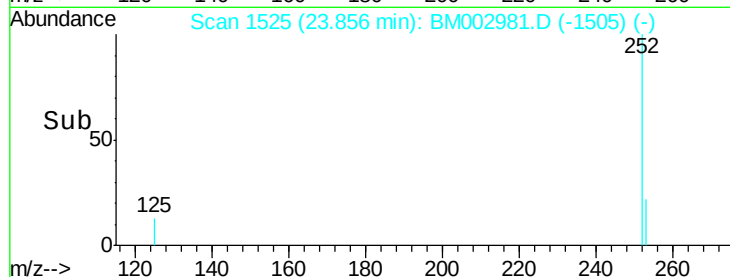
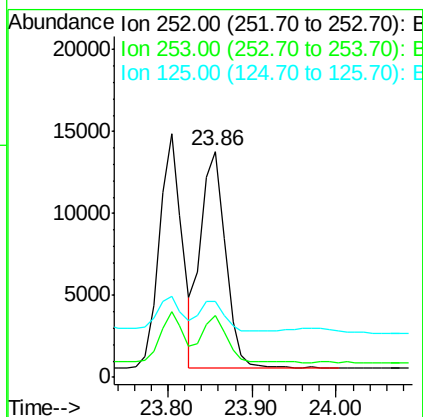
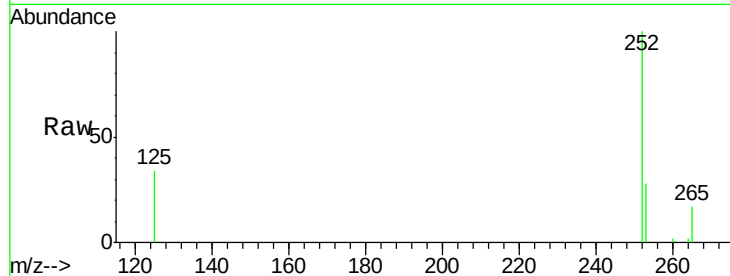
Tot Ion:252 Resp: 26803

Ion Ratio Lower Upper

252 100

253 27.7 20.8 31.2

125 33.8 12.2 18.4#



#25

Benzo(a)pyrene

Concen: 0.40 ng/ul

RT: 24.48 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BM002981.D

Acq: 22 Oct 2015 17:36

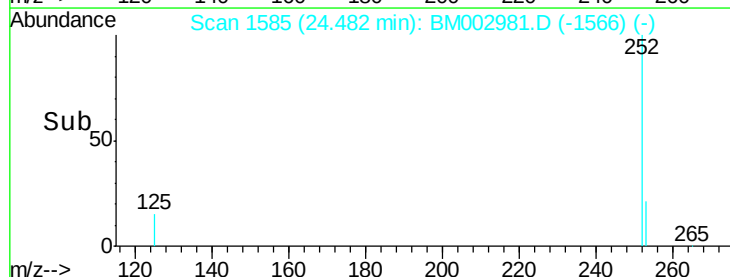
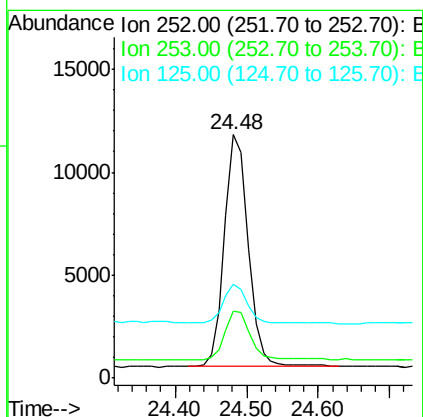
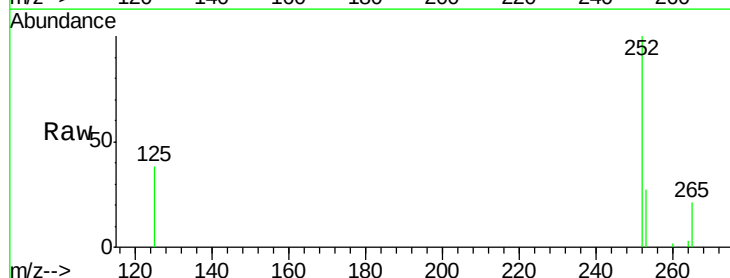
Tgt Ion:252 Resp: 26209

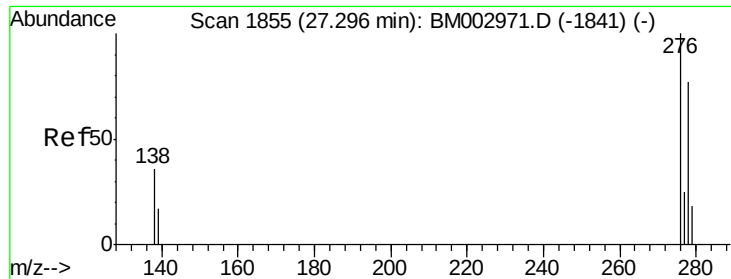
Ion Ratio Lower Upper

252 100

253 27.4 21.8 32.8

125 38.4 14.5 21.7#

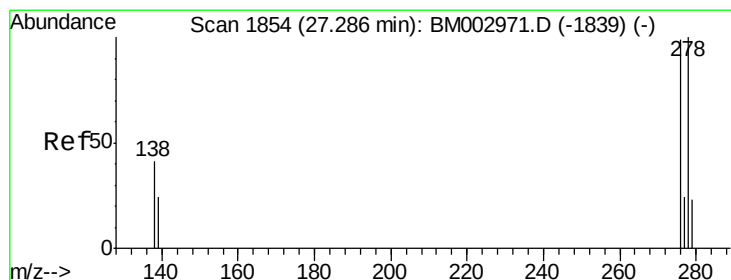
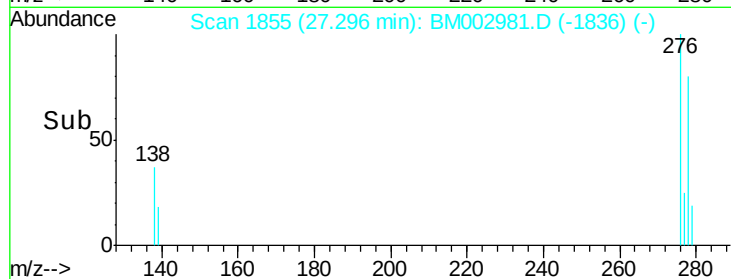
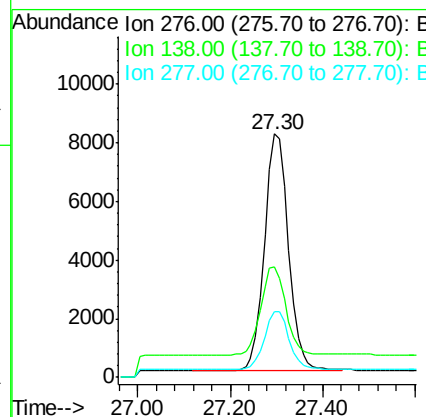
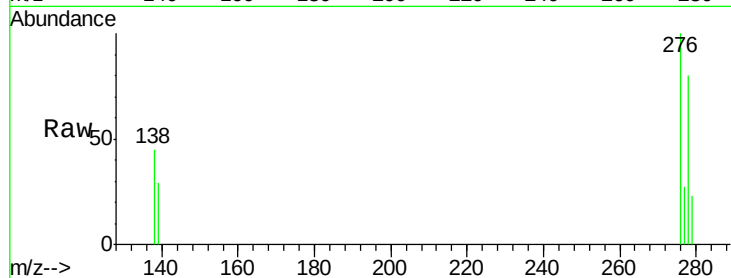




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.42 ng/ul
 RT: 27.30 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BM002981.D
 Acq: 22 Oct 2015 17:36

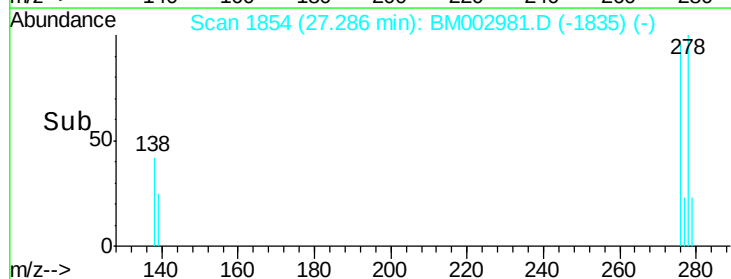
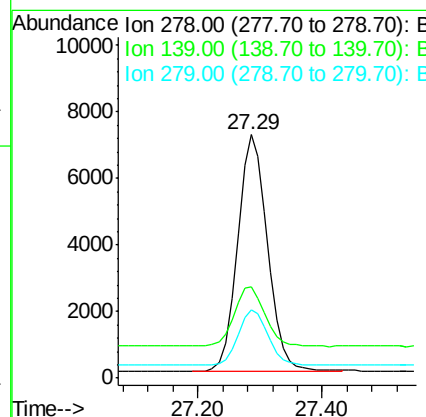
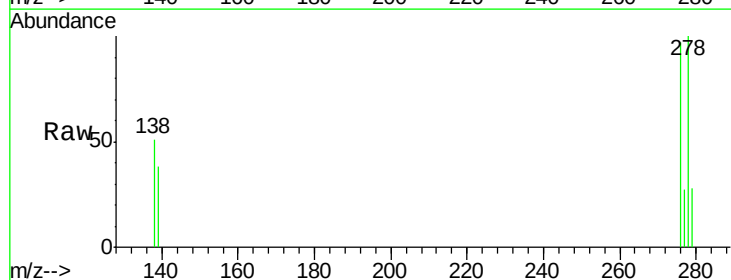
Instrument :
 BNA_M
 ClientSampleID :
 SST0.450

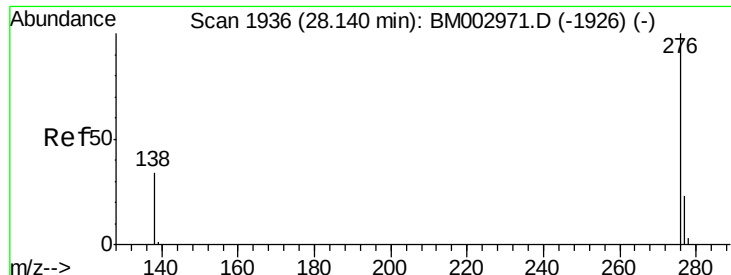
Tot Ion:276 Resp: 29427
 Ion Ratio Lower Upper
 276 100
 138 39.9 27.5 41.3
 277 24.9 19.3 28.9



#27
 Dibenzo(a,h)anthracene
 Concen: 0.42 ng/ul
 RT: 27.29 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BM002981.D
 Acq: 22 Oct 2015 17:36

Tgt Ion:278 Resp: 23977
 Ion Ratio Lower Upper
 278 100
 139 37.6 21.7 32.5#
 279 28.2 21.9 32.9





#28

Benzo(a,h,i)perylene

Concen: 0.42 ng/ul

RT: 28.15 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BM002981.D

Acq: 22 Oct 2015 17:36

Instrument :

BNA_M

ClientSampleId :

SSTD0.450

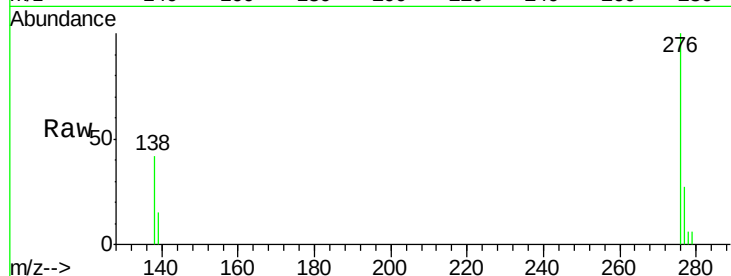
Tot Ion:276 Resp: 24770

Ion Ratio Lower Upper

276 100

277 26.9 21.3 31.9

138 41.9 25.5 38.3#



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

