

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
 Data File : BM003552.D
 Acq On : 15 Dec 2015 17:12
 Operator : UM/IZ
 Sample : SSTD0.850
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.850

Quant Time: Dec 15 17:55:30 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 17:40:54 2015
 Response via : Initial Calibration

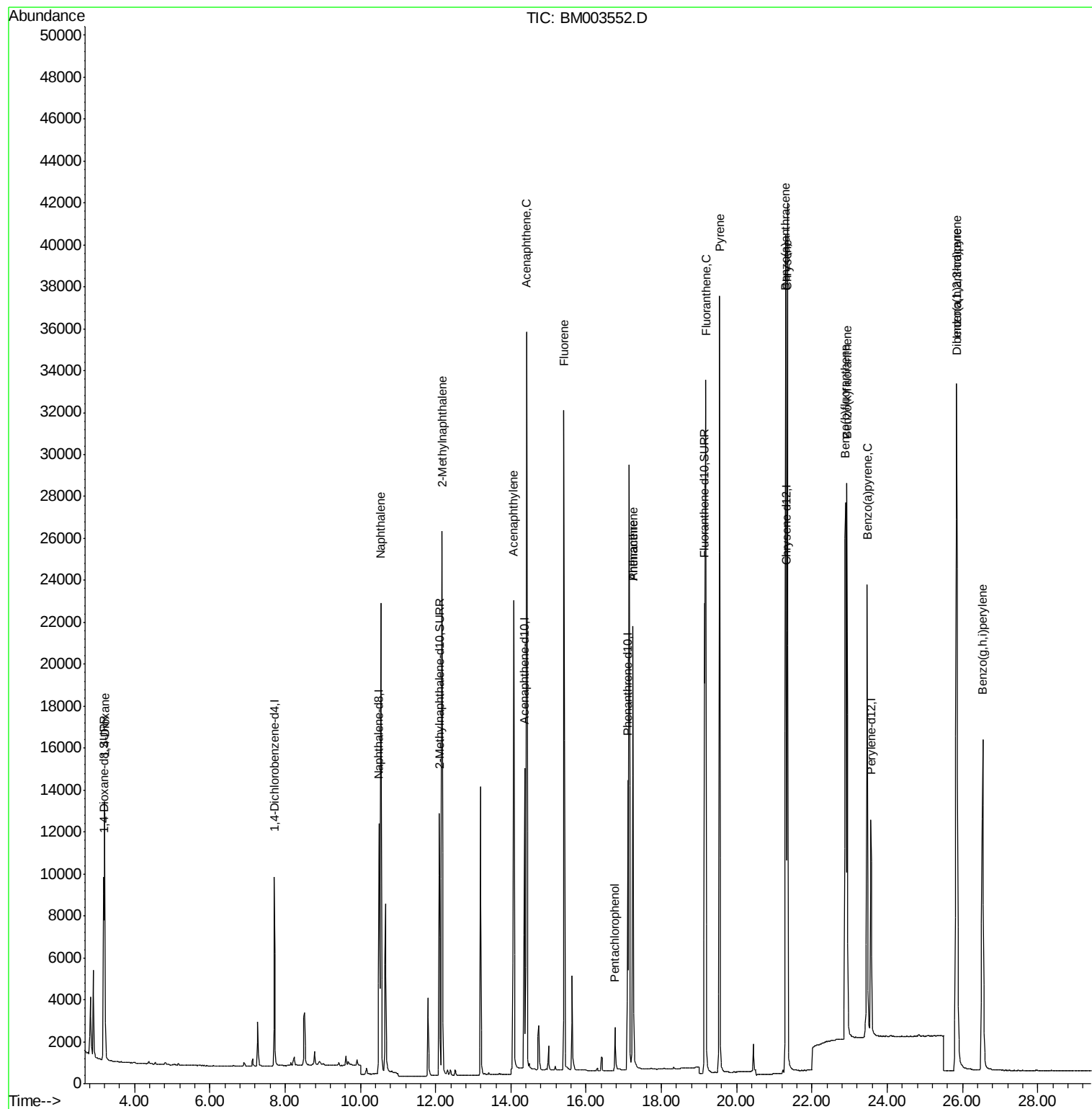
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	5024	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	18149	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	8671	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	17211	0.40	ng/ul	0.00
18) Chrysene-d12	21.31	240	18599	0.40	ng/ul	0.00
22) Perylene-d12	23.57	264	14592	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	8463	1.58	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.10	152	16508	0.67	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	27637	0.66	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.21	88	10381	1.70	ng/ul#	100
5) Naphthalene	10.55	128	32117	0.69	ng/ul	97
7) 2-Methylnaphthalene	12.17	142	21156	0.70	ng/ul	100
9) Acenaphthylene	14.07	152	26232	0.73	ng/ul	96
10) Acenaphthene	14.42	153	20879	0.69	ng/ul	85
11) Fluorene	15.41	166	22904	0.69	ng/ul#	80
13) Pentachlorophenol	16.76	266	1873	0.46	ng/ul	95
14) Phenanthrene	17.24	178	29172	0.58	ng/ul	99
15) Anthracene	17.24	178	30323	0.73	ng/ul	98
17) Fluoranthene	19.18	202	36940	0.67	ng/ul	93
19) Pyrene	19.54	202	37131	0.58	ng/ul	95
20) Benzo(a)anthracene	21.29	228	33921	0.63	ng/ul	94
21) Chrysene	21.35	228	36380	0.60	ng/ul	94
23) Benzo(b)fluoranthene	22.89	252	37627	0.68	ng/ul	95
24) Benzo(k)fluoranthene	22.93	252	32431	0.62	ng/ul	98
25) Benzo(a)pyrene	23.46	252	32542	0.66	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	25.84	276	39577	0.67	ng/ul#	91
27) Dibenzo(a,h)anthracene	25.85	278	32061	0.67	ng/ul	99
28) Benzo(g,h,i)perylene	26.54	276	34430	0.67	ng/ul	96

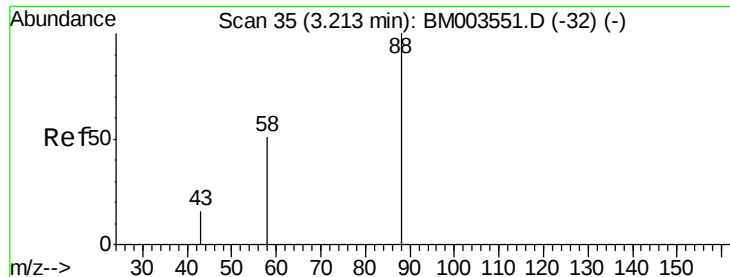
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
Data File : BM003552.D
Acq On : 15 Dec 2015 17:12
Operator : UM/IZ
Sample : SST0.850
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.850

Quant Time: Dec 15 17:55:30 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 17:40:54 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 1.70 ng/ul

RT: 3.21 min Scan# 35

Delta R.T. -0.00 min

Lab File: BM003552.D

Acq: 15 Dec 2015 17:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.850

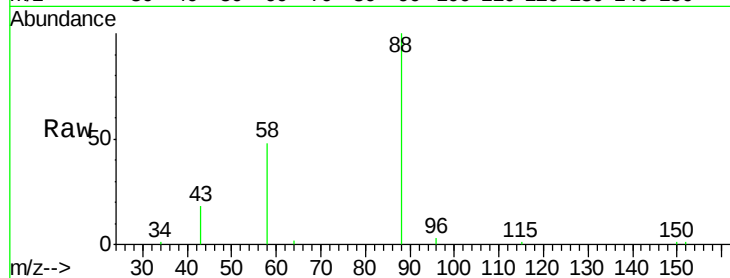
Tot Ion: 88 Resp: 10381

Ion Ratio Lower Upper

88 100

58 59.8 0.0 0.0#

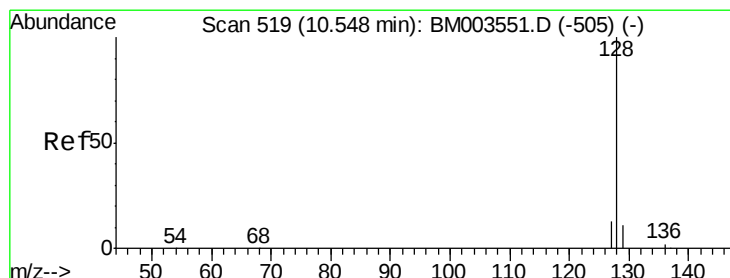
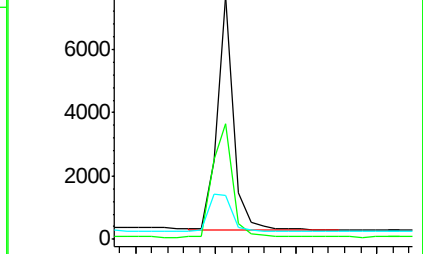
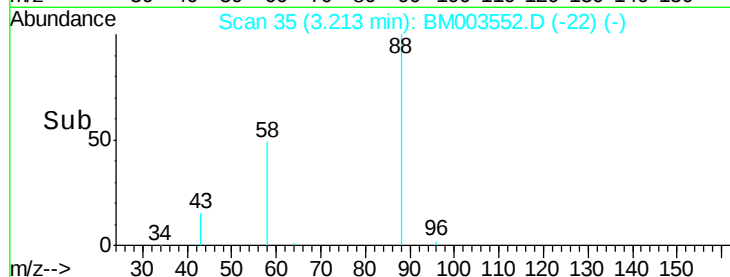
43 22.7 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM003552.D (-22) (-)

Ion 58.00 (57.70 to 58.70): BM003552.D (-22) (-)

Ion 43.00 (42.70 to 43.70): BM003552.D (-22) (-)



#5

Naphthalene

Concen: 0.69 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.00 min

Lab File: BM003552.D

Acq: 15 Dec 2015 17:12

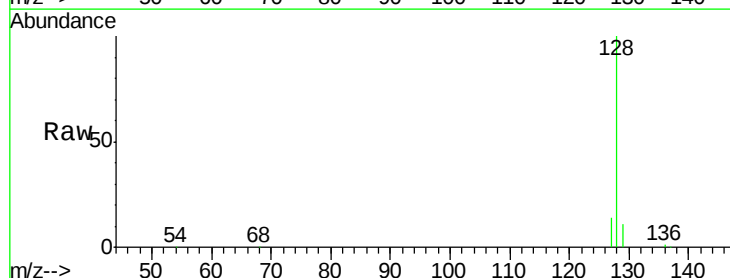
Tgt Ion: 128 Resp: 32117

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

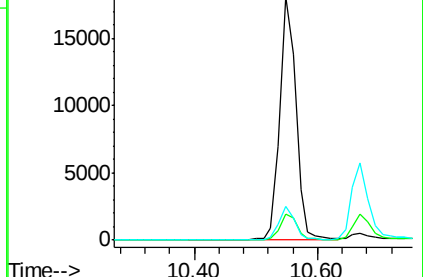
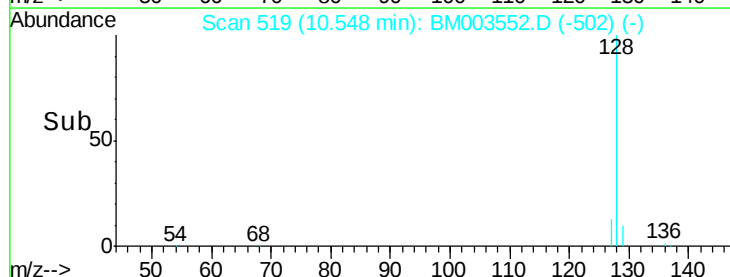
127 13.6 9.6 14.4

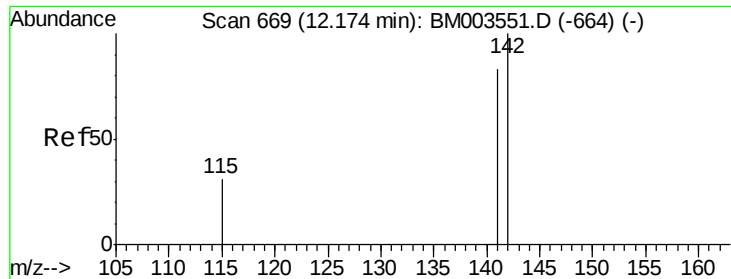


Abundance Ion 128.00 (127.70 to 128.70): BM003552.D (-502) (-)

Ion 129.00 (128.70 to 129.70): BM003552.D (-502) (-)

Ion 127.00 (126.70 to 127.70): BM003552.D (-502) (-)





#7

2-Methylnaphthalene

Concen: 0.70 ng/ul

RT: 12.17 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM003552.D

Acq: 15 Dec 2015 17:12

Instrument :

BNA_M

ClientSampleId :

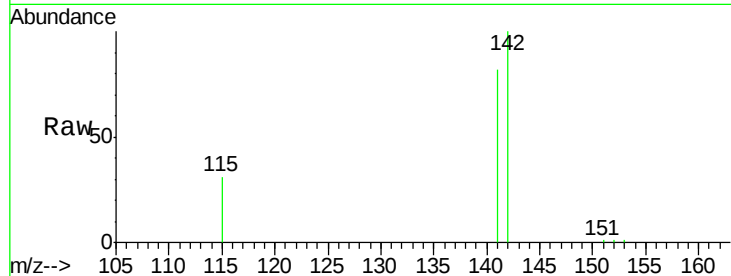
SSTD0.850

Tot Ion:142 Resp: 21156

Ion Ratio Lower Upper

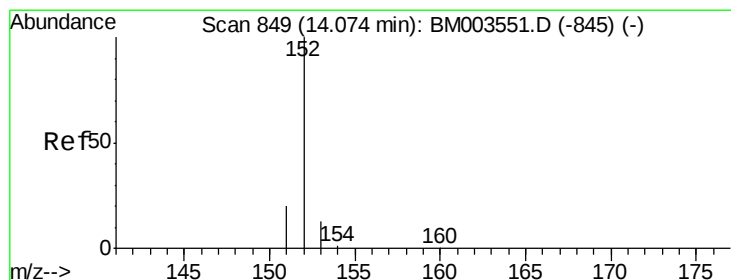
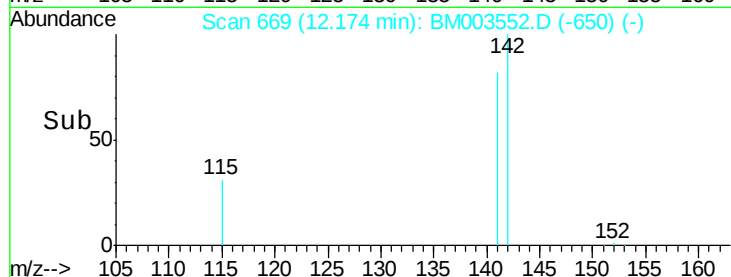
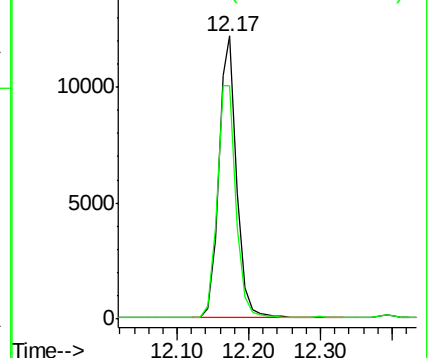
142 100

141 88.2 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#9

Acenaphthylene

Concen: 0.73 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. -0.00 min

Lab File: BM003552.D

Acq: 15 Dec 2015 17:12

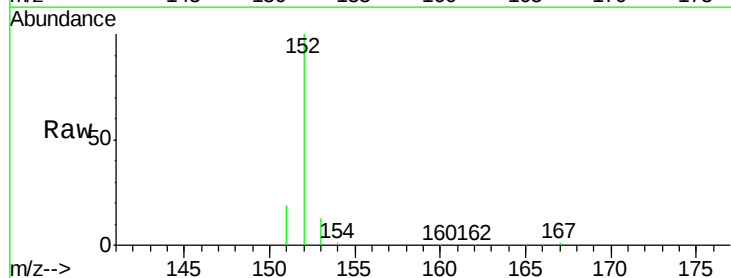
Tgt Ion:152 Resp: 26232

Ion Ratio Lower Upper

152 100

151 19.5 17.6 26.4

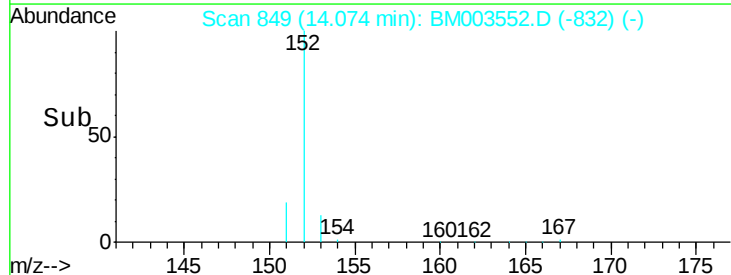
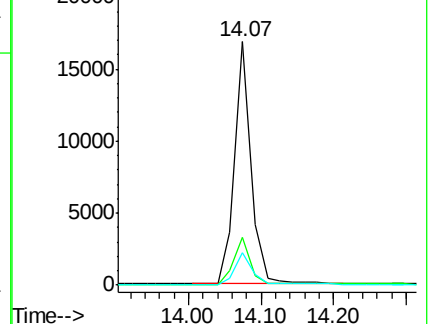
153 13.2 9.7 14.5

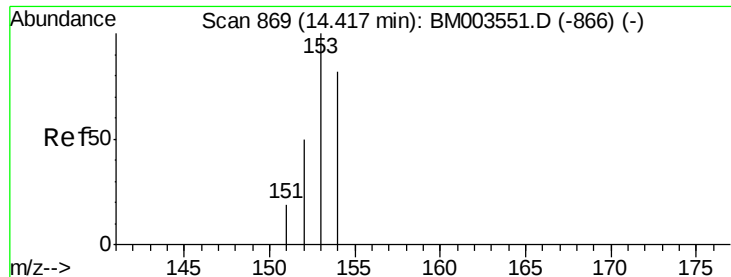


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.69 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM003552.D

Acq: 15 Dec 2015 17:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.850

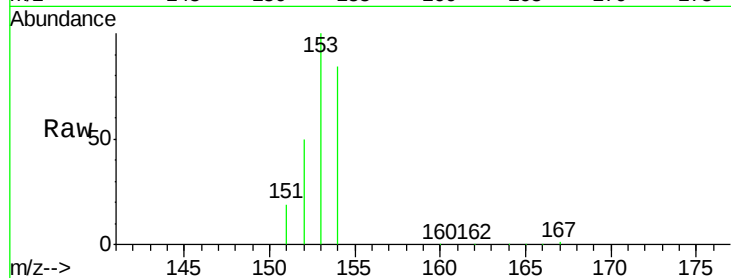
Tot Ion:153 Resp: 20879

Ion Ratio Lower Upper

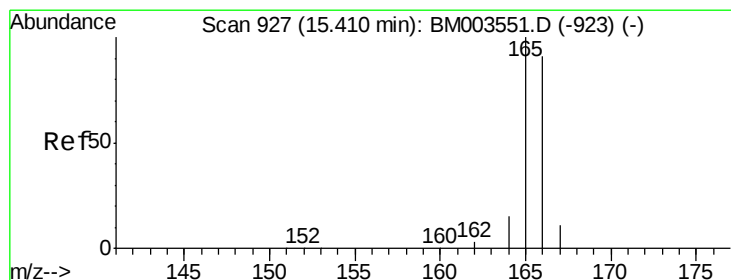
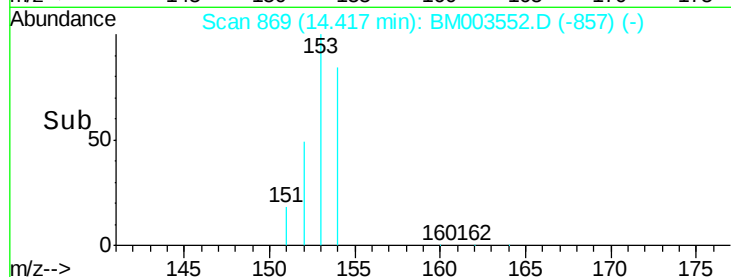
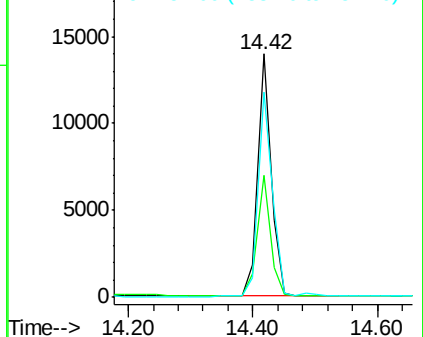
153 100

152 50.3 33.9 50.9

154 84.2 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: 0.69 ng/ul

RT: 15.41 min Scan# 927

Delta R.T. -0.00 min

Lab File: BM003552.D

Acq: 15 Dec 2015 17:12

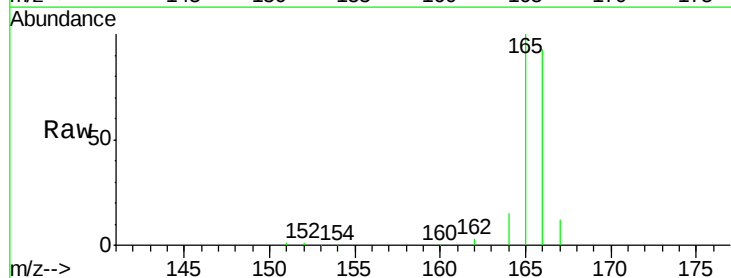
Tgt Ion:166 Resp: 22904

Ion Ratio Lower Upper

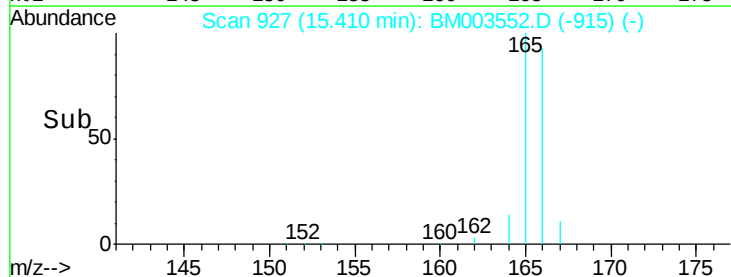
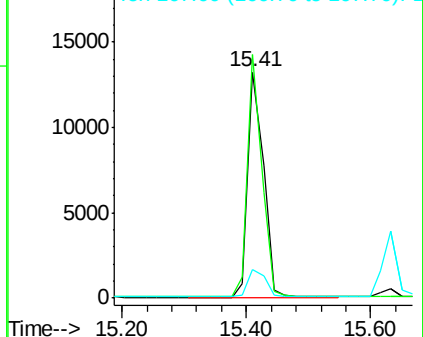
166 100

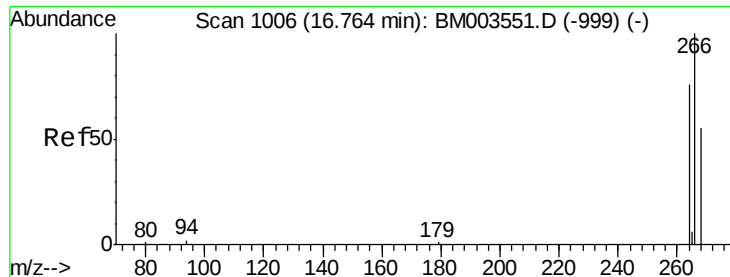
165 107.8 69.6 104.4#

167 12.8 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

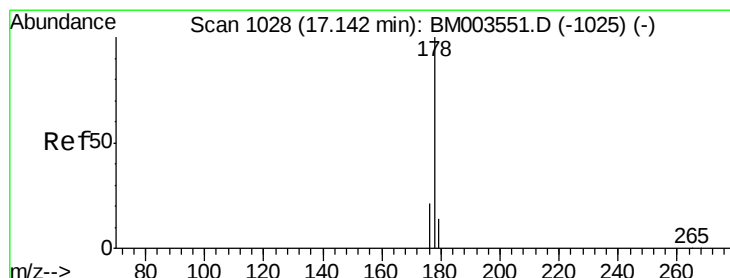
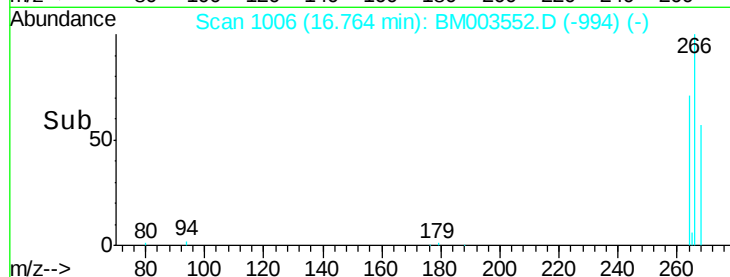
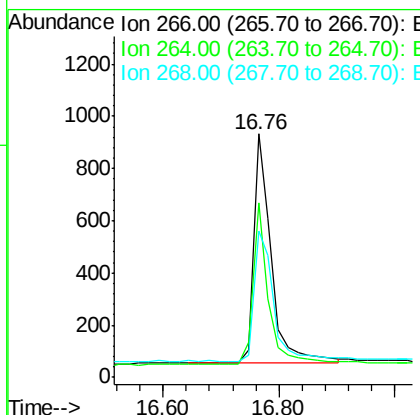
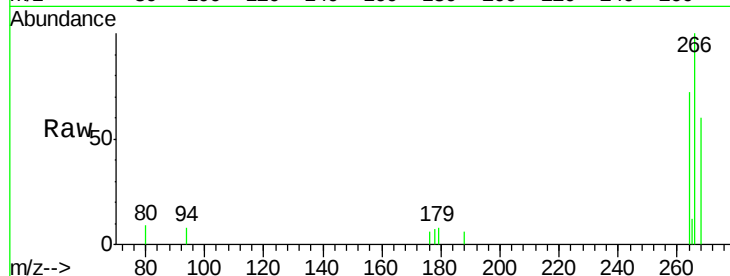




#13
 Pentachlorophenol
 Concen: 0.46 ng/ul
 RT: 16.76 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BM003552.D
 Acq: 15 Dec 2015 17:12

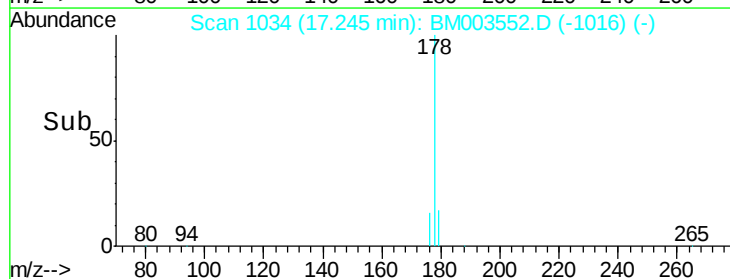
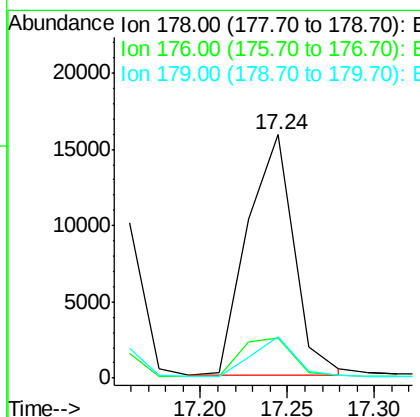
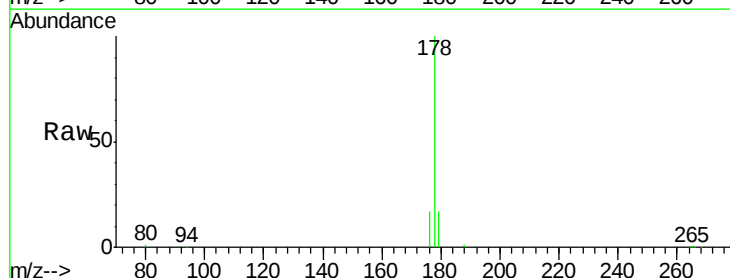
Instrument :
 BNA_M
 ClientSampleId :
 SST0.850

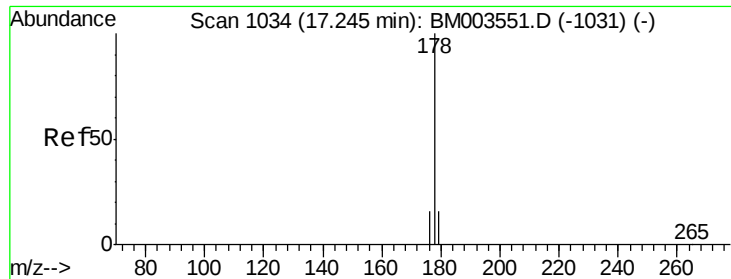
Tot Ion:266 Resp: 1873
 Ion Ratio Lower Upper
 266 100
 264 62.6 51.8 77.8
 268 63.5 46.8 70.2



#14
 Phenanthrene
 Concen: 0.58 ng/ul
 RT: 17.24 min Scan# 1034
 Delta R.T. 0.10 min
 Lab File: BM003552.D
 Acq: 15 Dec 2015 17:12

Tgt Ion:178 Resp: 29172
 Ion Ratio Lower Upper
 178 100
 176 16.7 13.0 19.4
 179 17.0 14.2 21.2





#15

Anthracene

Concen: 0.73 ng/ul

RT: 17.24 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BM003552.D

Acq: 15 Dec 2015 17:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.850

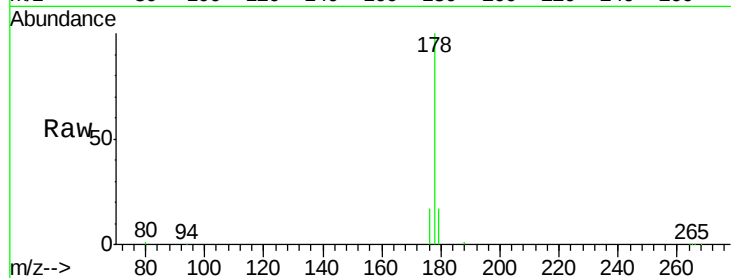
Tot Ion:178 Resp: 30323

Ion Ratio Lower Upper

178 100

176 16.7 14.0 21.0

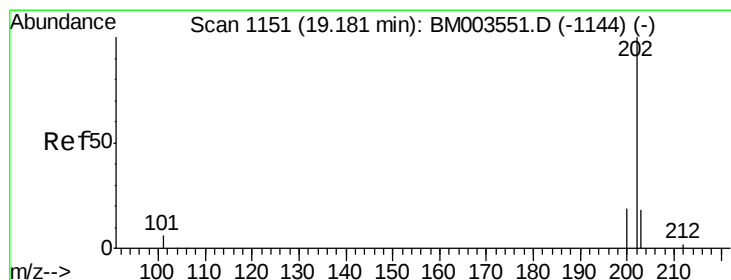
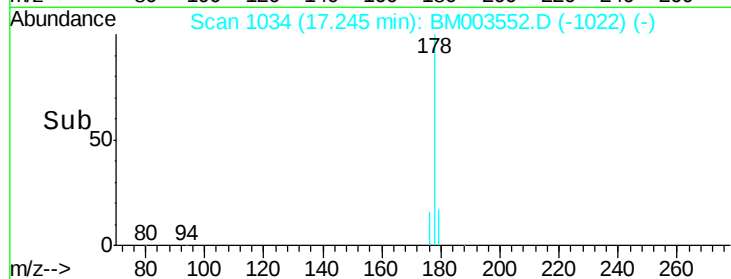
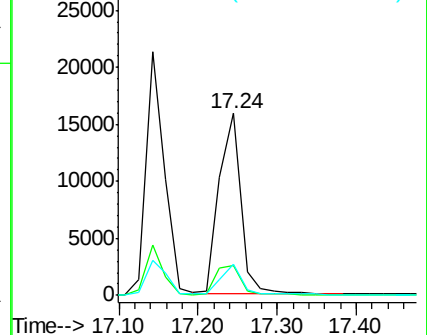
179 17.0 12.9 19.3



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: 0.67 ng/ul

RT: 19.18 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BM003552.D

Acq: 15 Dec 2015 17:12

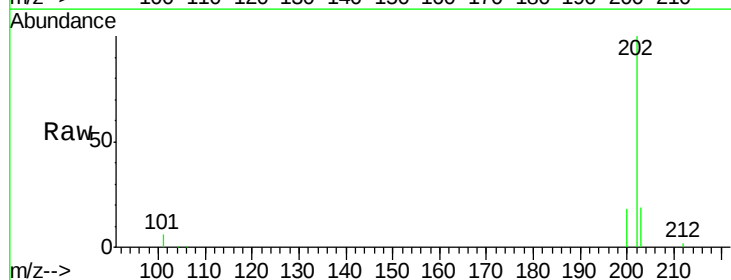
Tgt Ion:202 Resp: 36940

Ion Ratio Lower Upper

202 100

101 5.9 0.0 29.6

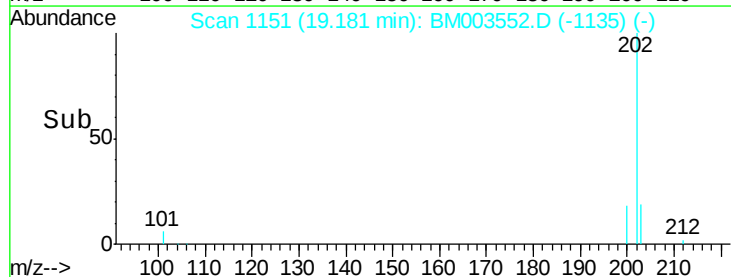
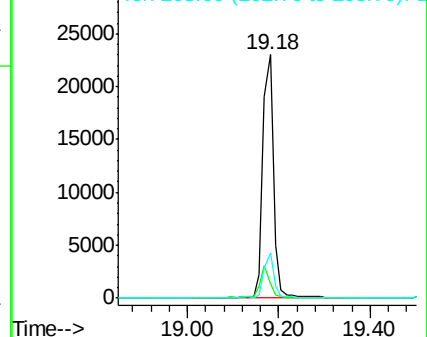
203 18.7 0.0 36.3

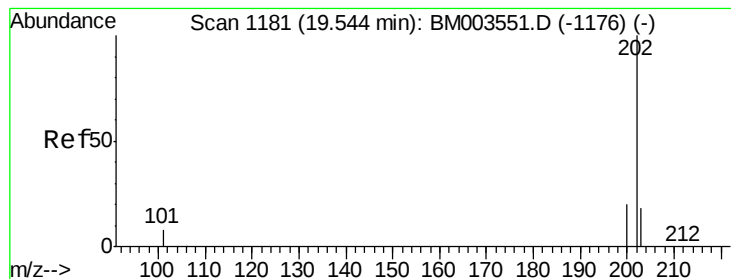


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 0.58 ng/ul

RT: 19.54 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BM003552.D

Acq: 15 Dec 2015 17:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.850

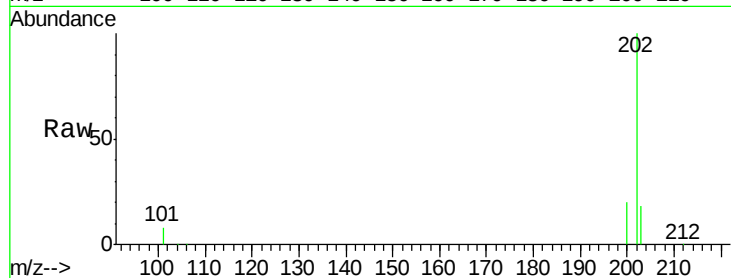
Tot Ion:202 Resp: 37131

Ion Ratio Lower Upper

202 100

200 19.6 17.8 26.8

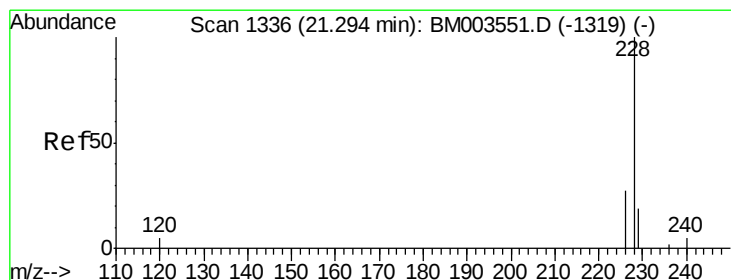
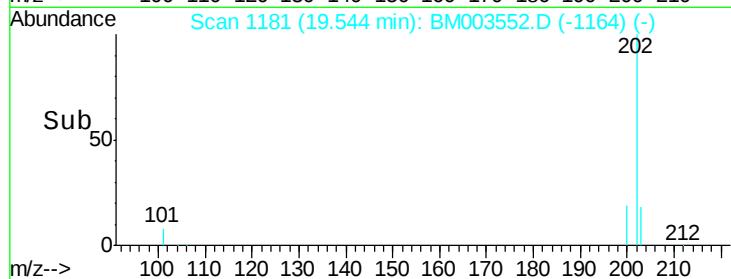
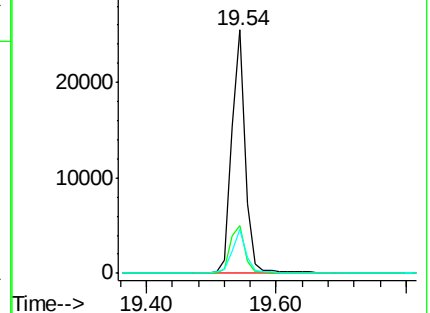
203 18.0 12.8 19.2



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: 0.63 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BM003552.D

Acq: 15 Dec 2015 17:12

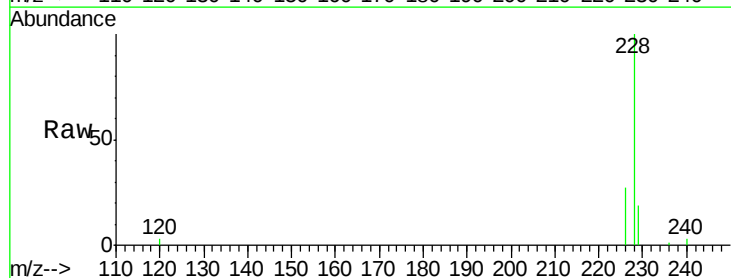
Tgt Ion:228 Resp: 33921

Ion Ratio Lower Upper

228 100

226 26.8 18.8 28.2

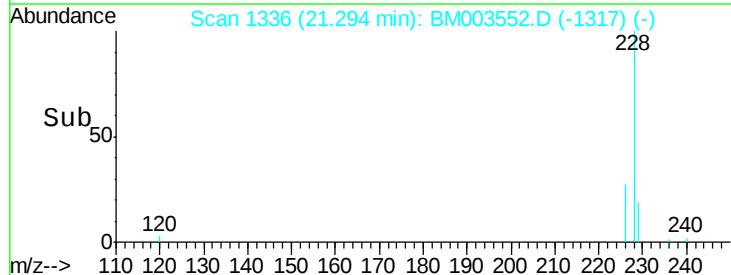
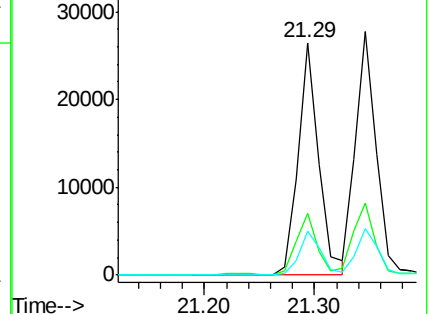
229 19.1 17.1 25.7

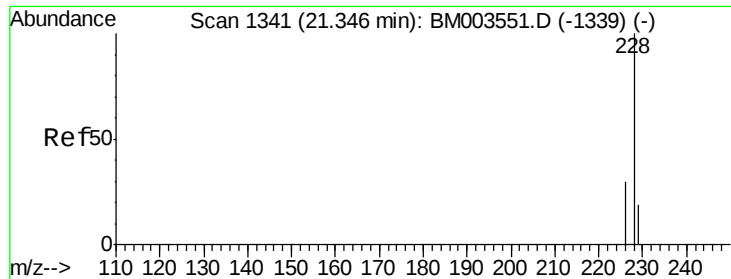


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.60 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM003552.D

Acq: 15 Dec 2015 17:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.850

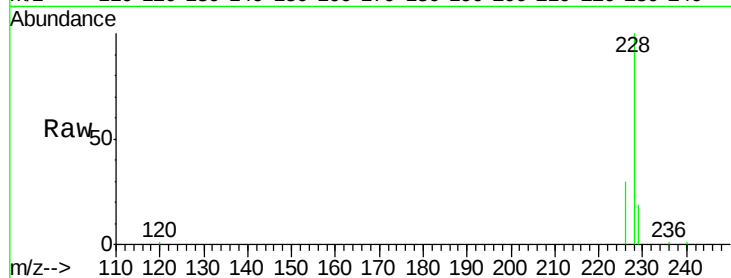
Tot Ion:228 Resp: 36380

Ion Ratio Lower Upper

228 100

226 29.8 21.2 31.8

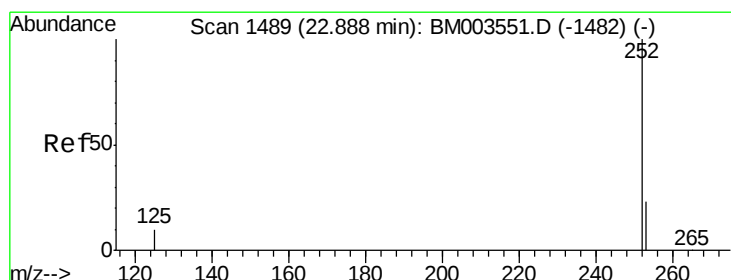
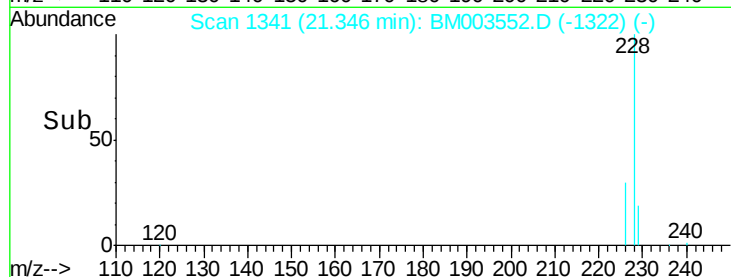
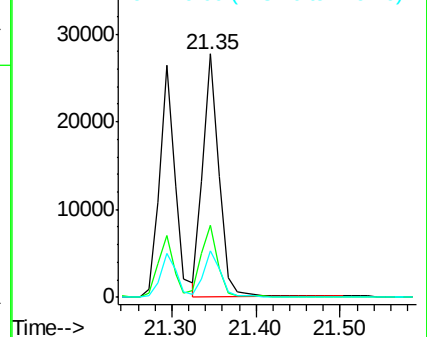
229 19.2 17.0 25.6



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: 0.68 ng/ul

RT: 22.89 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM003552.D

Acq: 15 Dec 2015 17:12

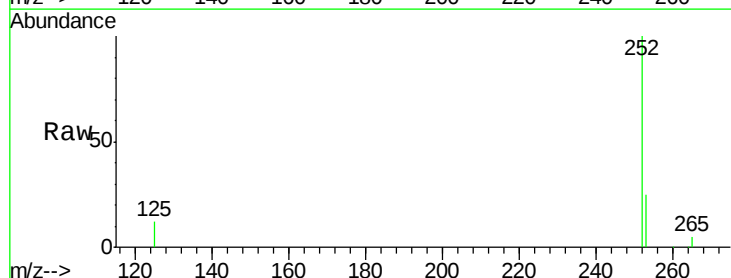
Tgt Ion:252 Resp: 37627

Ion Ratio Lower Upper

252 100

253 24.8 0.0 45.4

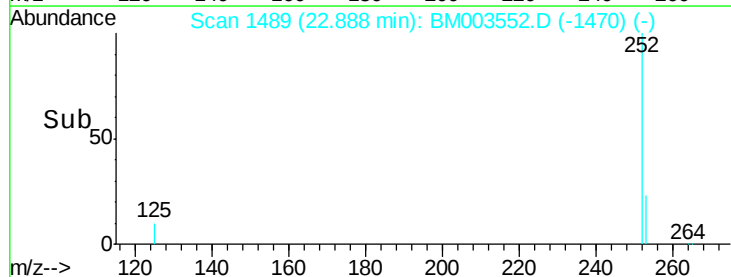
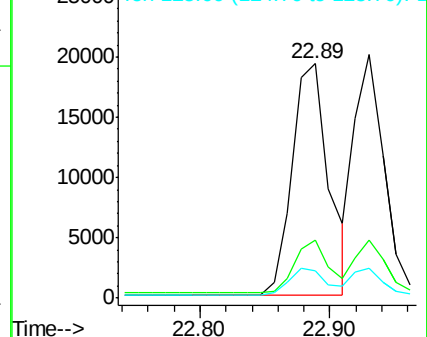
125 11.6 0.0 28.8

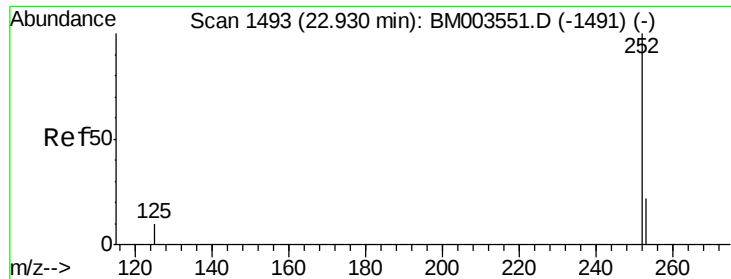


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.62 ng/ul

RT: 22.93 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BM003552.D

Acq: 15 Dec 2015 17:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.850

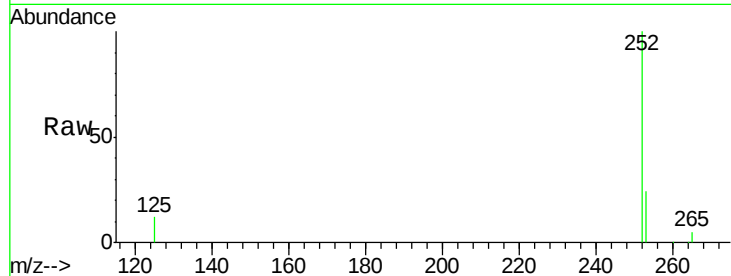
Tot Ion:252 Resp: 32431

Ion Ratio Lower Upper

252 100

253 23.7 19.8 29.8

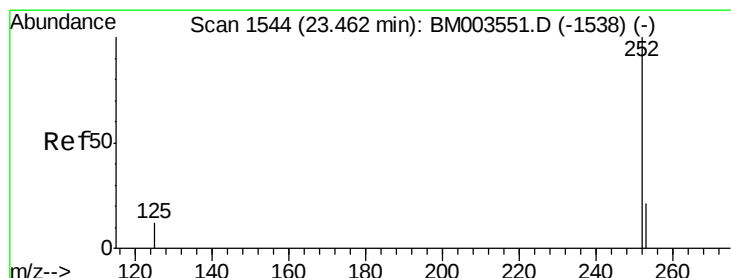
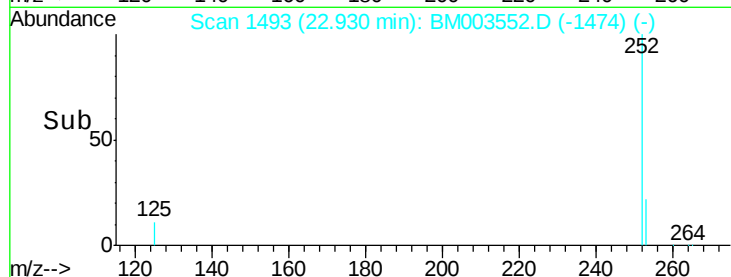
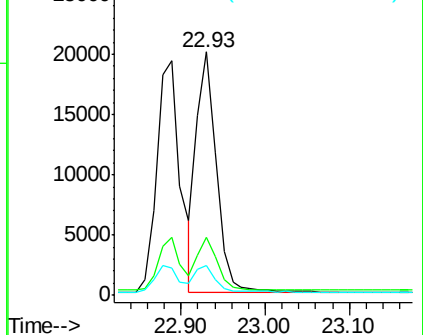
125 12.1 10.4 15.6



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: 0.66 ng/ul

RT: 23.46 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BM003552.D

Acq: 15 Dec 2015 17:12

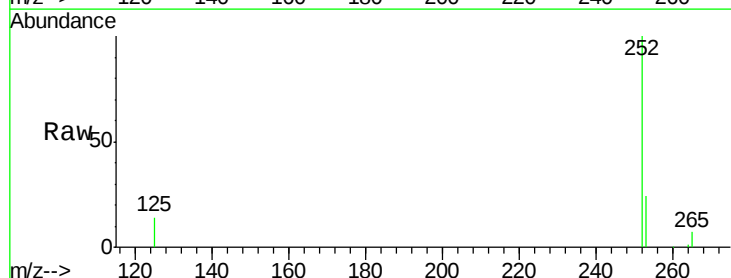
Tgt Ion:252 Resp: 32542

Ion Ratio Lower Upper

252 100

253 23.6 19.4 29.2

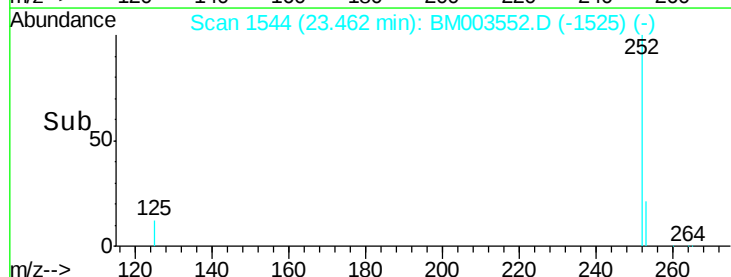
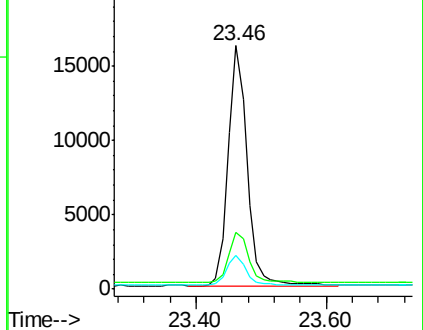
125 14.0 12.7 19.1

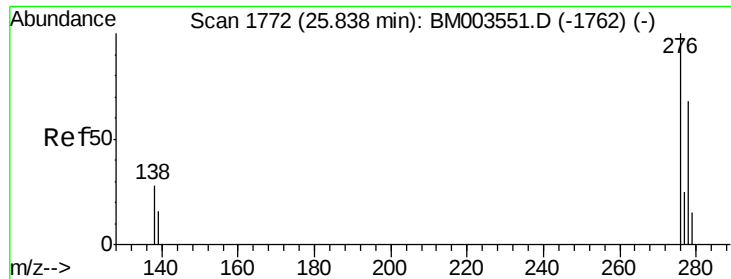


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

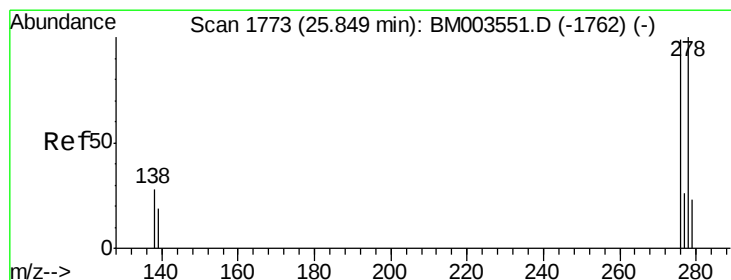
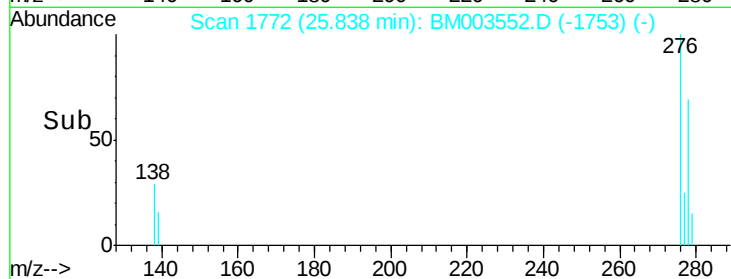
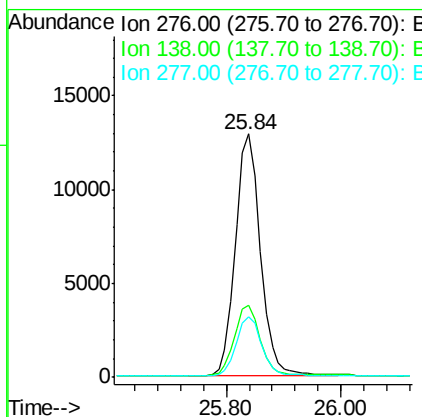
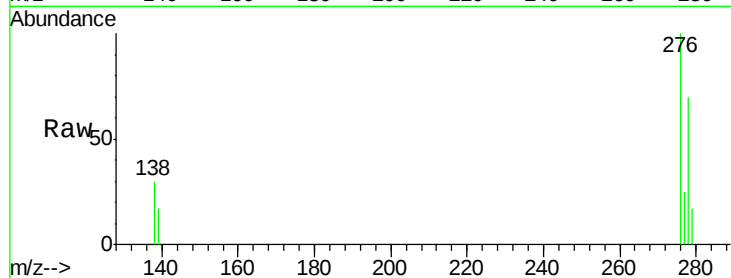




#26
Indeno(1,2,3-cd)pyrene
Concen: 0.67 ng/ul
RT: 25.84 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

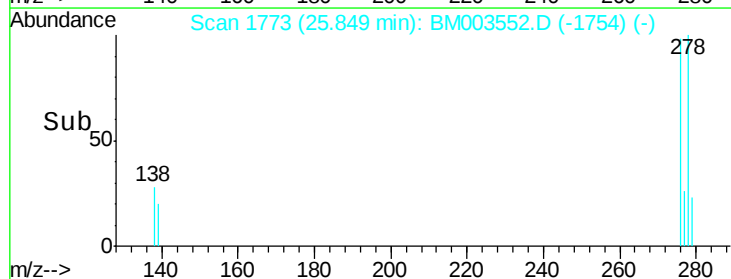
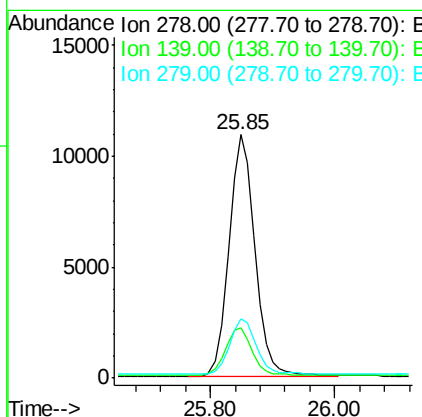
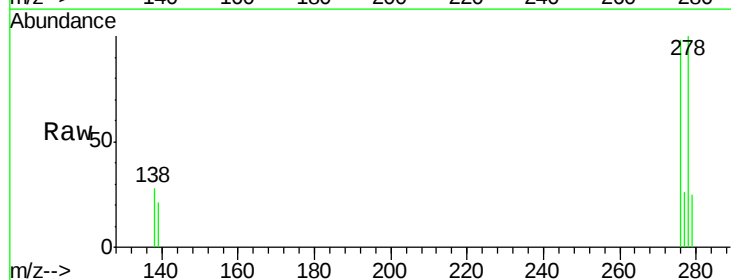
Instrument :
BNA_M
ClientSampleId :
SSTD0.850

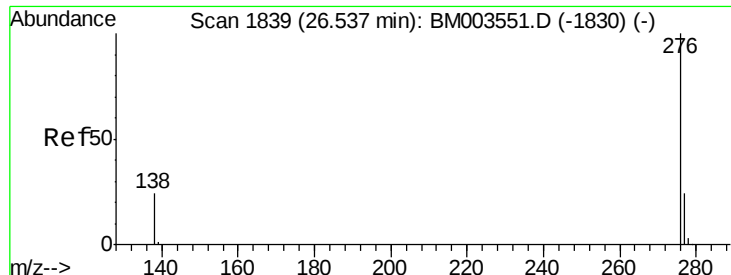
Tot Ion:276 Resp: 39577
Ion Ratio Lower Upper
276 100
138 29.6 16.3 24.5#
277 24.8 19.8 29.8



#27
Dibenzo(a,h)anthracene
Concen: 0.67 ng/ul
RT: 25.85 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BM003552.D
Acq: 15 Dec 2015 17:12

Tgt Ion:278 Resp: 32061
Ion Ratio Lower Upper
278 100
139 20.5 16.4 24.6
279 24.5 20.2 30.2





#28

Benzo(a,h,i)perylene

Concen: 0.67 ng/ul

RT: 26.54 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BM003552.D

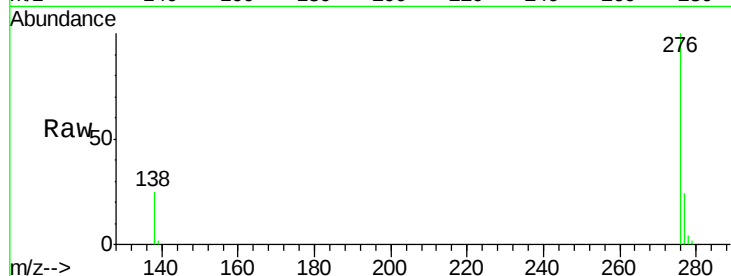
Acq: 15 Dec 2015 17:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.850



Tot Ion: 276 Resp: 34430

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 25.2 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

