

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090315\
 Data File : BM002667.D
 Acq On : 04 Sep 2015 02:49
 Operator : UM/IZ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.469

Quant Time: Sep 04 04:38:56 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 04:35:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	8445	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	33636	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	14071	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	24037	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	20677	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	20338	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.82	96	7256	0.85	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.17	152	16522	0.37	ng/ul	0.00
16) Fluoranthene-d10	20.03	212	20690	0.38	ng/ul	-0.01

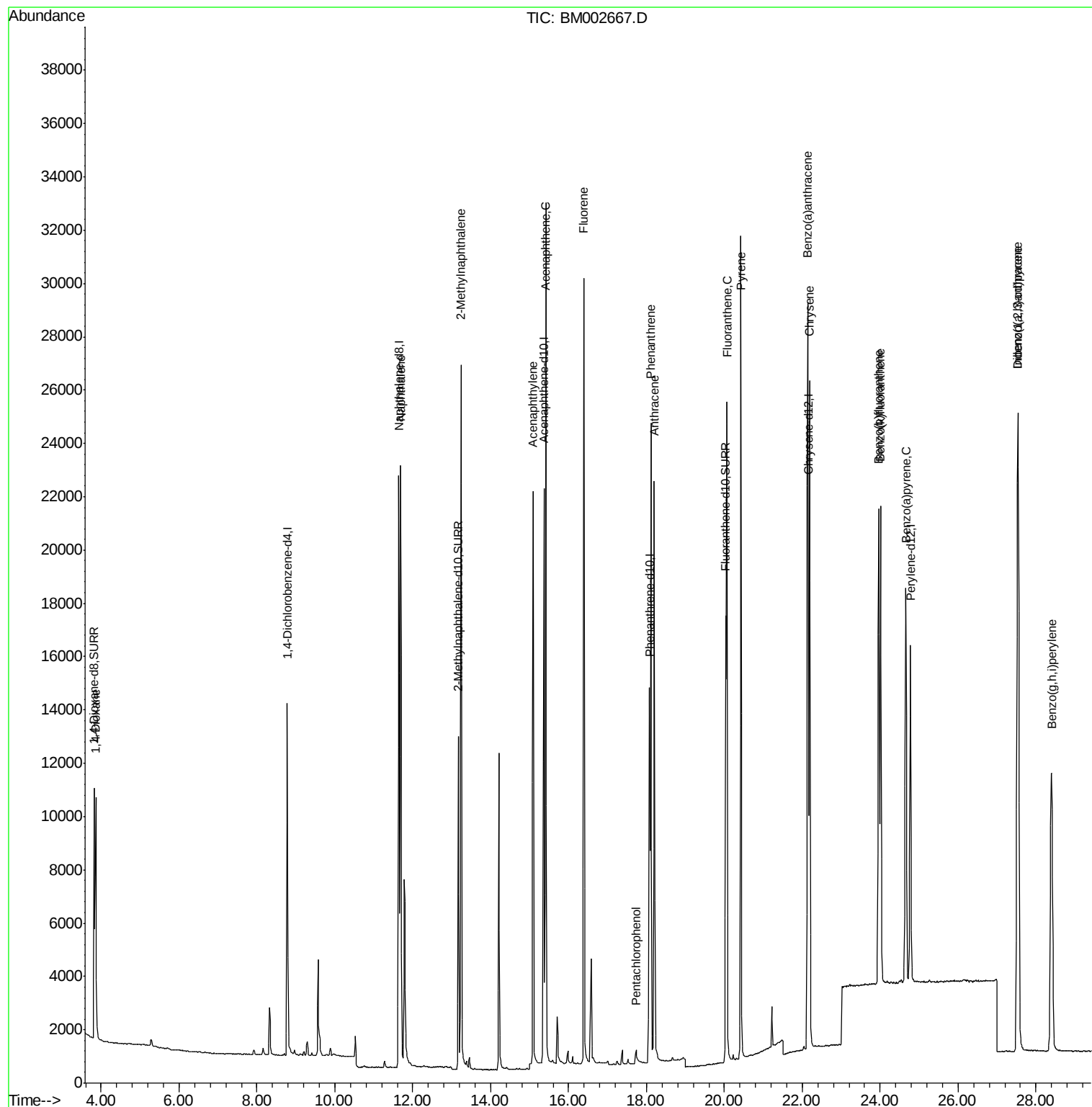
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) 1,4-Dioxane	3.87	88	8237	0.84	ng/ul	98
5) Naphthalene	11.69	128	32880	0.38	ng/ul	98
7) 2-Methylnaphthalene	13.24	142	21638	0.37	ng/ul	99
9) Acenaphthylene	15.09	152	27387	0.37	ng/ul	96
10) Acenaphthene	15.42	153	19945	0.38	ng/ul	94
11) Fluorene	16.39	166	20426	0.37	ng/ul	89
13) Pentachlorophenol	17.74	266	823	0.35	ng/ul	96
14) Phenanthrene	18.11	178	27140	0.38	ng/ul	98
15) Anthracene	18.20	178	26664	0.37	ng/ul	97
17) Fluoranthene	20.07	202	27990	0.37	ng/ul	91
19) Pyrene	20.42	202	28770	0.37	ng/ul	97
20) Benzo(a)anthracene	22.14	228	25582	0.37	ng/ul	93
21) Chrysene	22.19	228	25419	0.38	ng/ul	98
23) Benzo(b)fluoranthene	23.96	252	25972	0.36	ng/ul	99
24) Benzo(k)fluoranthene	24.01	252	26269	0.39	ng/ul	96
25) Benzo(a)pyrene	24.66	252	25518	0.38	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	27.54	276	30021	0.38	ng/ul	99
27) Dibenzo(a,h)anthracene	27.54	278	24571	0.38	ng/ul	97
28) Benzo(g,h,i)perylene	28.40	276	25920	0.38	ng/ul	98

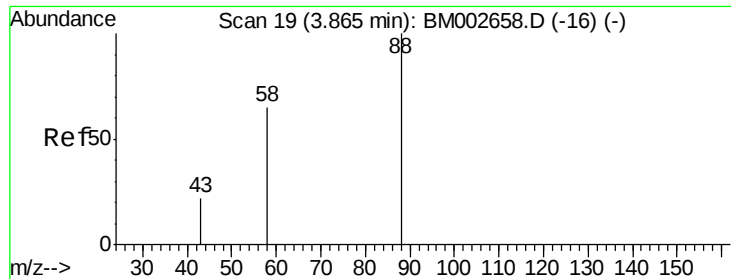
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090315\
Data File : BM002667.D
Acq On : 04 Sep 2015 02:49
Operator : UM/IZ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.469

Quant Time: Sep 04 04:38:56 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 04:35:12 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.84 ng/ul

RT: 3.87 min Scan# 19

Delta R.T. 0.00 min

Lab File: BM002667.D

Acq: 04 Sep 2015 02:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.469

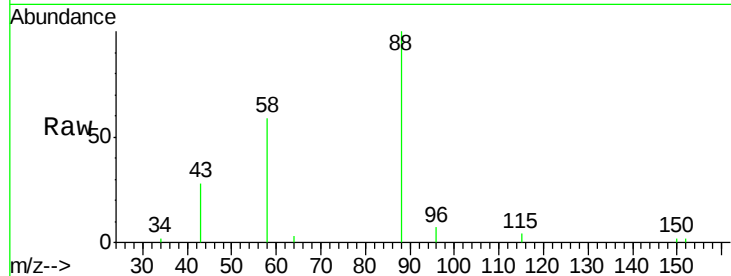
Tot Ion: 88 Resp: 8237

Ion Ratio Lower Upper

88 100

58 70.6 55.4 83.2

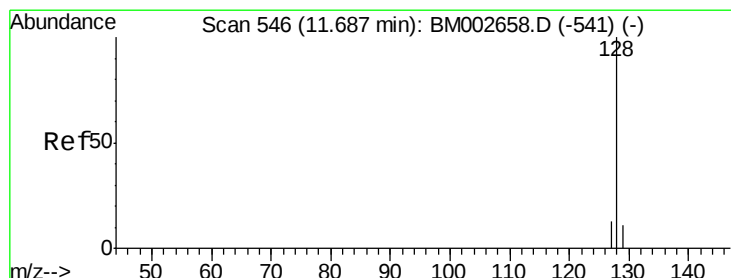
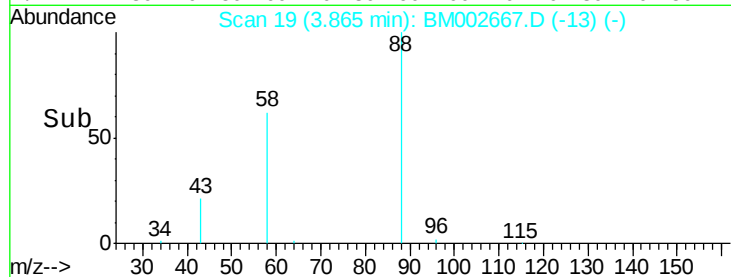
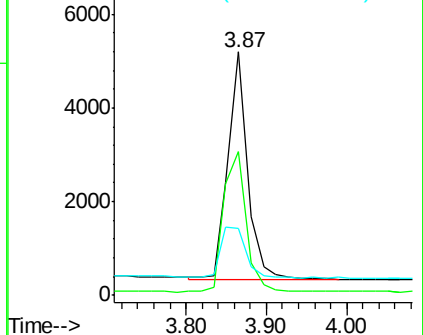
43 29.1 24.2 36.2



Abundance Ion 88.00 (87.70 to 88.70): BM002658.D (-16) (-)

Ion 58.00 (57.70 to 58.70): BM002658.D (-16) (-)

Ion 43.00 (42.70 to 43.70): BM002658.D (-16) (-)



#5

Naphthalene

Concen: 0.38 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM002667.D

Acq: 04 Sep 2015 02:49

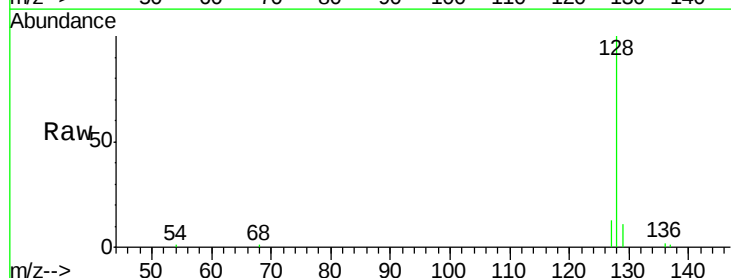
Tgt Ion: 128 Resp: 32880

Ion Ratio Lower Upper

128 100

129 11.2 9.8 14.8

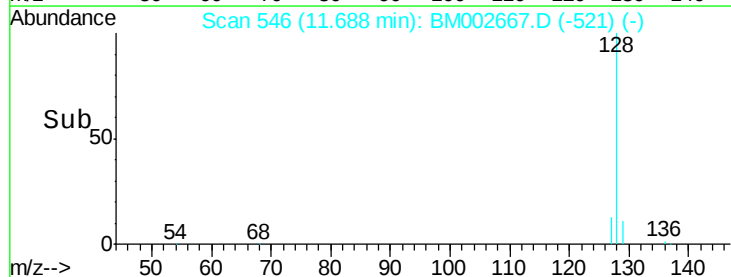
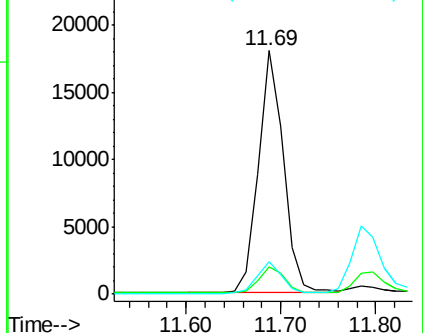
127 13.2 10.7 16.1

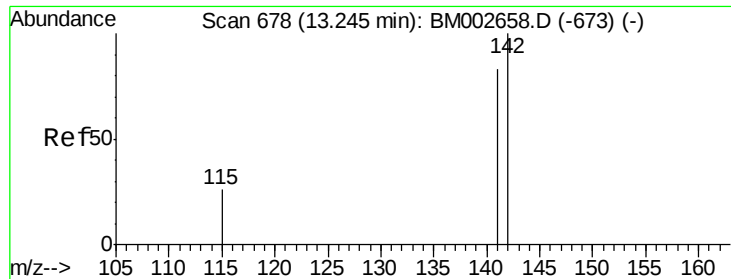


Abundance Ion 128.00 (127.70 to 128.70): BM002658.D (-541) (-)

Ion 129.00 (128.70 to 129.70): BM002658.D (-541) (-)

Ion 127.00 (126.70 to 127.70): BM002658.D (-541) (-)





#7

2-Methylnaphthalene

Concen: 0.37 ng/ul

RT: 13.24 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM002667.D

Acq: 04 Sep 2015 02:49

Instrument :

BNA_M

ClientSampleId :

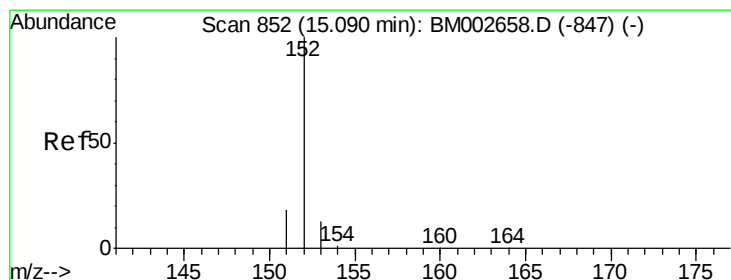
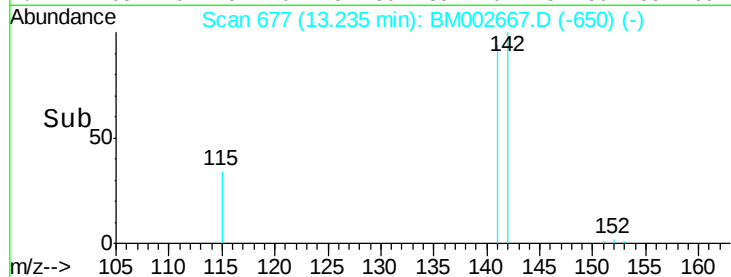
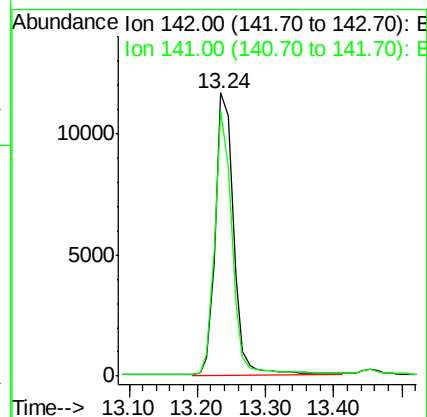
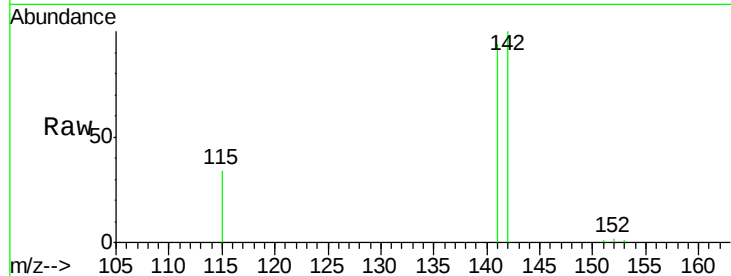
SSTD0.469

Tot Ion:142 Resp: 21638

Ion Ratio Lower Upper

142 100

141 88.7 70.3 105.5



#9

Acenaphthylene

Concen: 0.37 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. 0.00 min

Lab File: BM002667.D

Acq: 04 Sep 2015 02:49

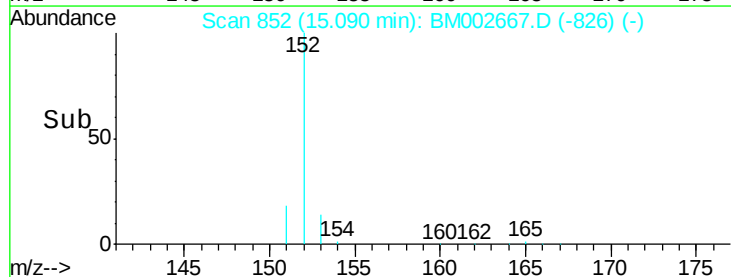
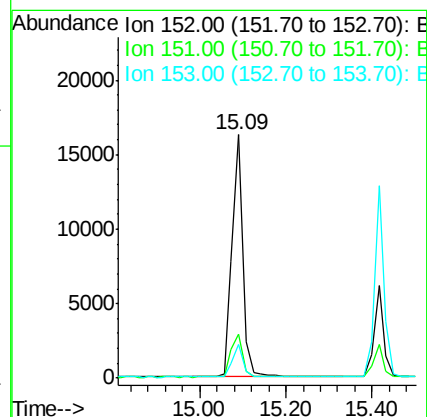
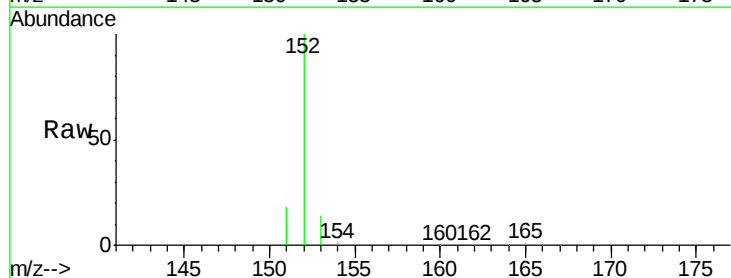
Tgt Ion:152 Resp: 27387

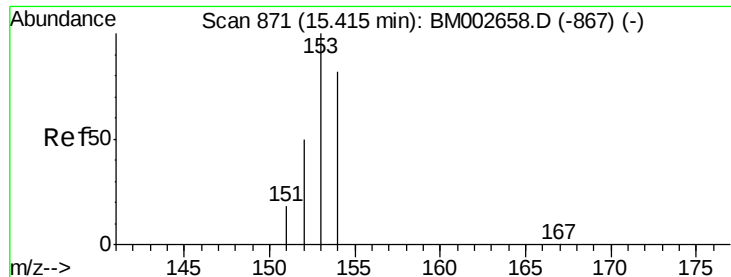
Ion Ratio Lower Upper

152 100

151 18.0 16.8 25.2

153 13.9 11.3 16.9

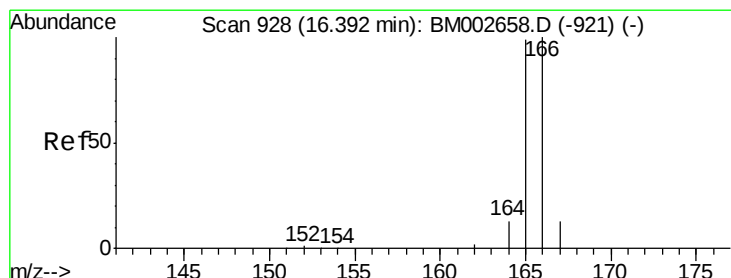
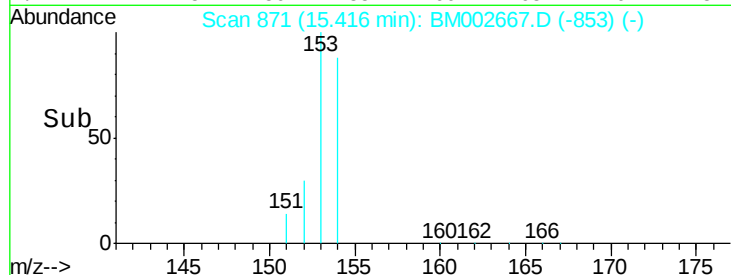
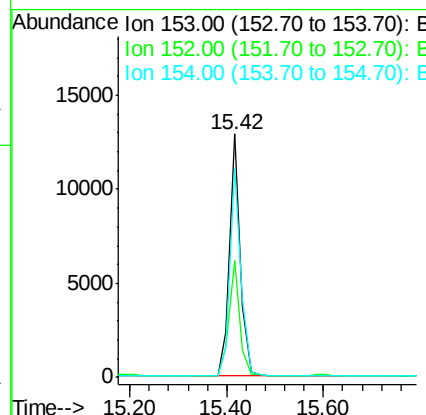
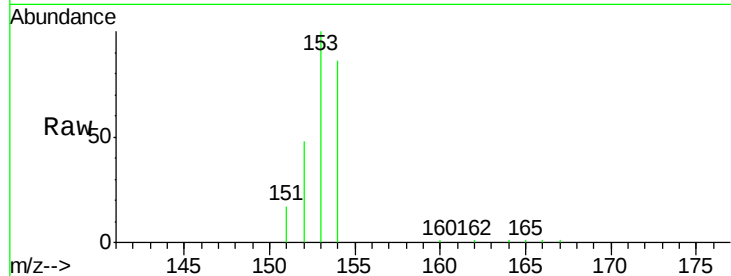




#10
Acenaphthene
Concen: 0.38 ng/ul
RT: 15.42 min Scan# 871
Delta R.T. 0.00 min
Lab File: BM002667.D
Acq: 04 Sep 2015 02:49

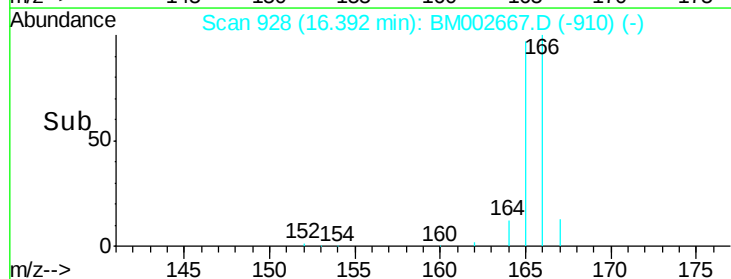
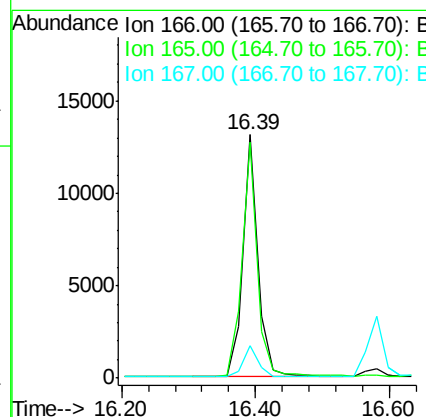
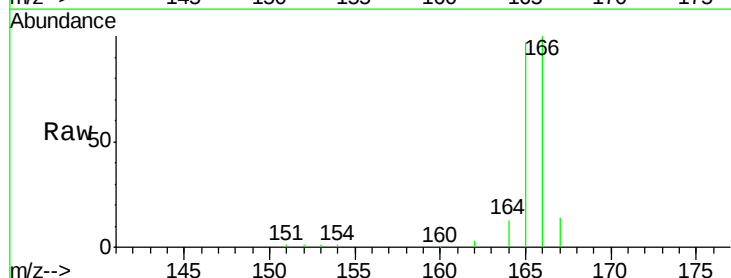
Instrument :
BNA_M
ClientSampleId :
SSTD0.469

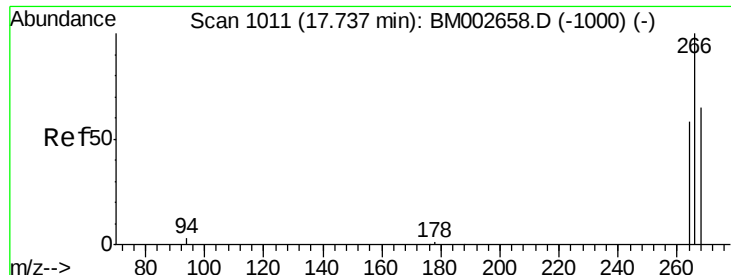
Tot Ion:153 Resp: 19945
Ion Ratio Lower Upper
153 100
152 47.8 42.3 63.5
154 85.7 64.7 97.1



#11
Fluorene
Concen: 0.37 ng/ul
RT: 16.39 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM002667.D
Acq: 04 Sep 2015 02:49

Tgt Ion:166 Resp: 20426
Ion Ratio Lower Upper
166 100
165 97.1 87.6 131.4
167 13.5 11.1 16.7

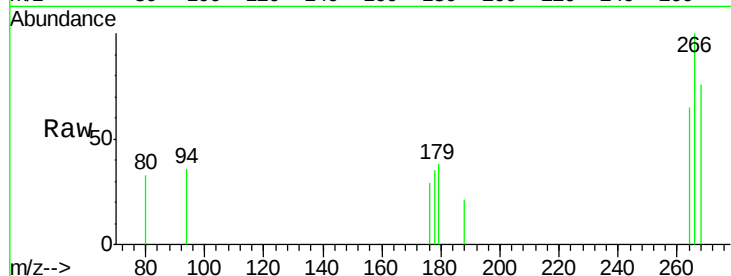




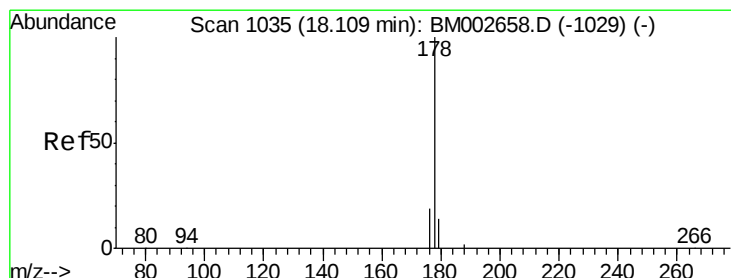
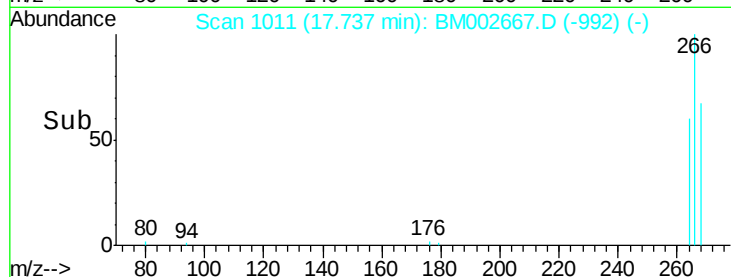
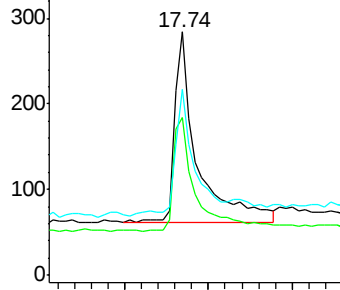
#13
 Pentachlorophenol
 Concen: 0.35 ng/ul
 RT: 17.74 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BM002667.D
 Acq: 04 Sep 2015 02:49

Instrument :
 BNA_M
 ClientSampleId :
 SST0.469

Tot Ion:266 Resp: 823
 Ion Ratio Lower Upper
 266 100
 264 63.8 53.5 80.3
 268 71.2 54.2 81.2

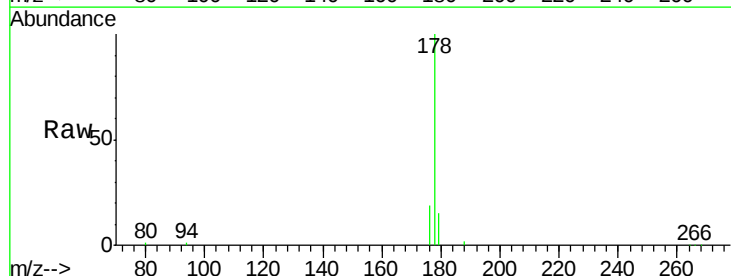


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

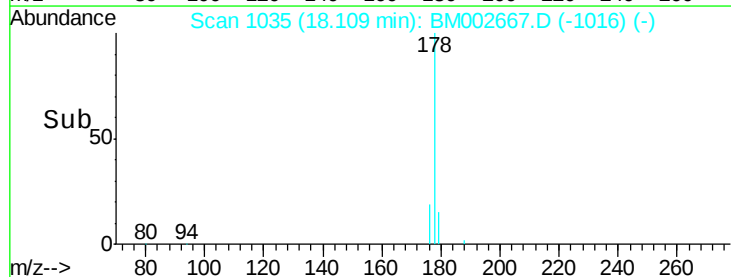
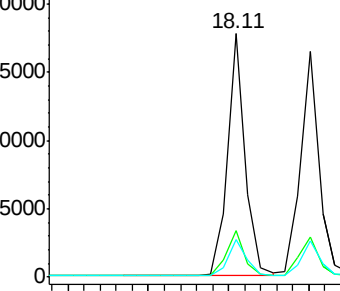


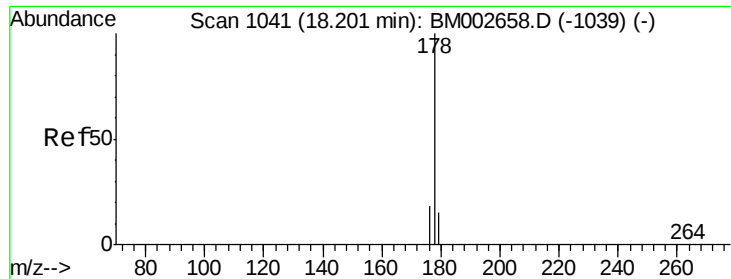
#14
 Phenanthrene
 Concen: 0.38 ng/ul
 RT: 18.11 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BM002667.D
 Acq: 04 Sep 2015 02:49

Tgt Ion:178 Resp: 27140
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 15.4 12.8 19.2



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: 0.37 ng/ul

RT: 18.20 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BM002667.D

Acq: 04 Sep 2015 02:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.469

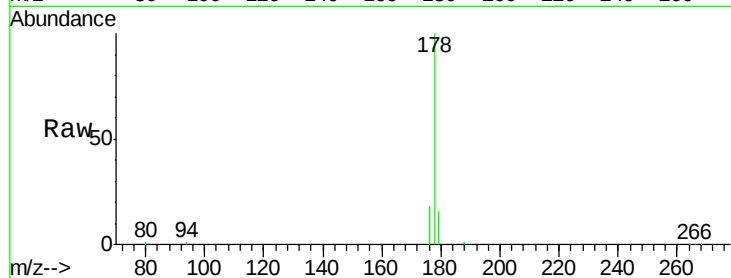
Tot Ion:178 Resp: 26664

Ion Ratio Lower Upper

178 100

176 17.9 15.8 23.8

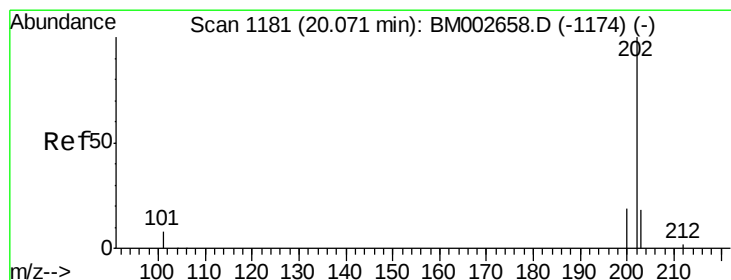
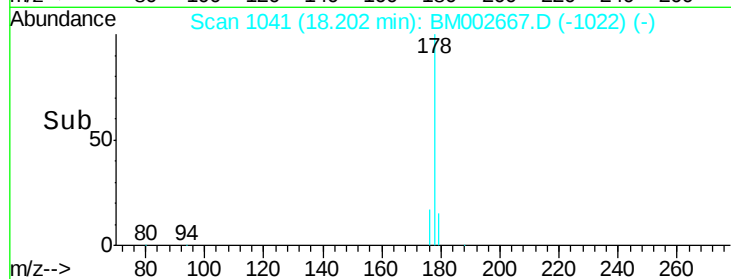
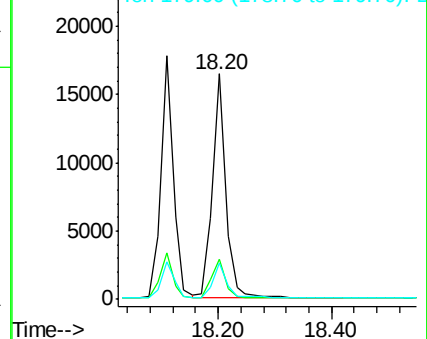
179 16.0 13.3 19.9



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: 0.37 ng/ul

RT: 20.07 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BM002667.D

Acq: 04 Sep 2015 02:49

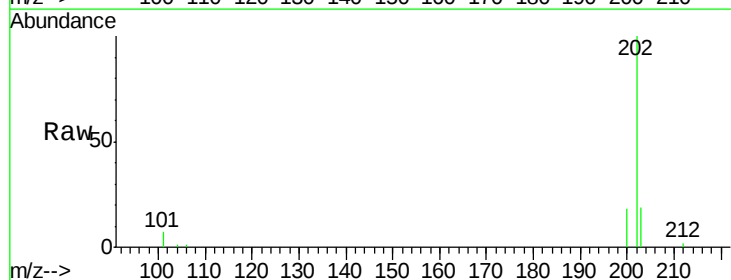
Tgt Ion:202 Resp: 27990

Ion Ratio Lower Upper

202 100

101 7.1 0.0 33.1

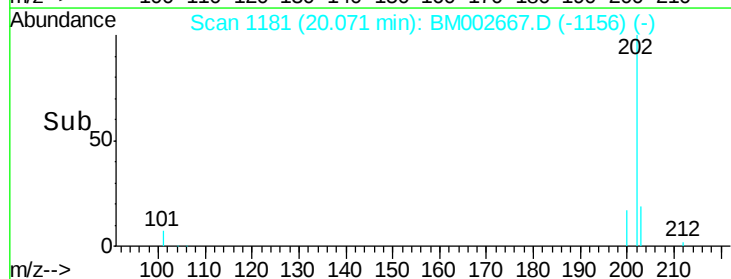
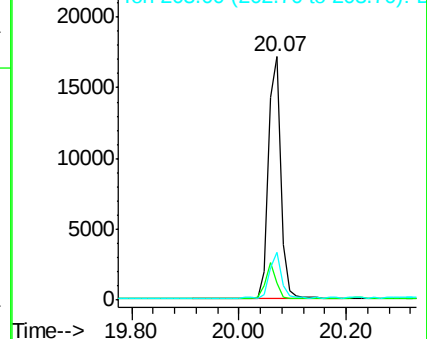
203 19.4 0.0 37.2

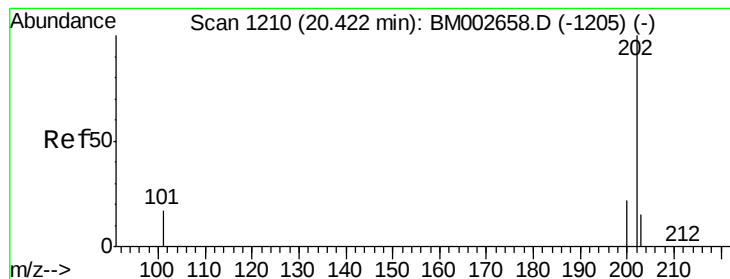


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 0.37 ng/ul

RT: 20.42 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BM002667.D

Acq: 04 Sep 2015 02:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.469

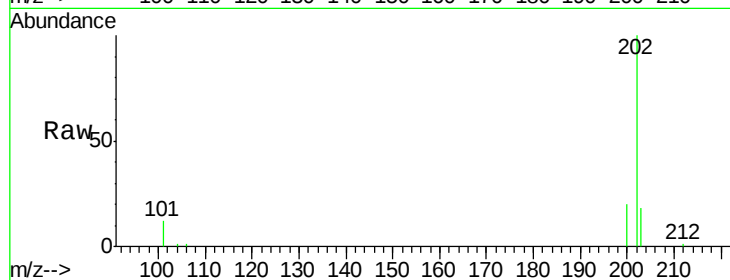
Tot Ion:202 Resp: 28770

Ion Ratio Lower Upper

202 100

200 20.5 18.0 27.0

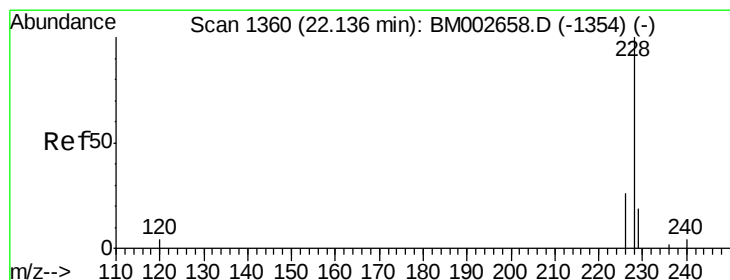
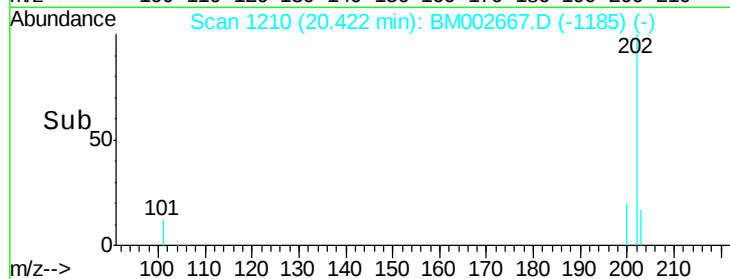
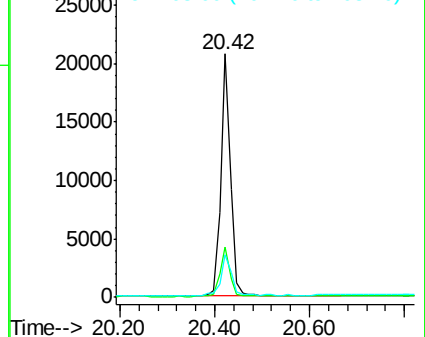
203 17.6 13.8 20.6



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: 0.37 ng/ul

RT: 22.14 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BM002667.D

Acq: 04 Sep 2015 02:49

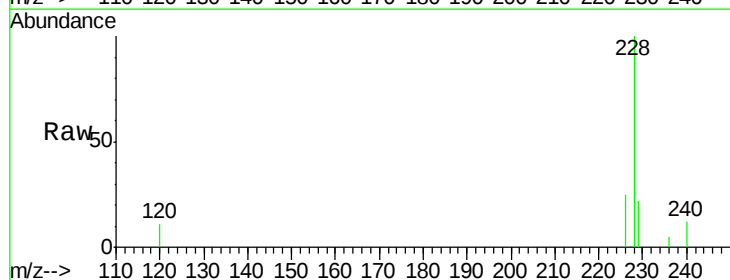
Tgt Ion:228 Resp: 25582

Ion Ratio Lower Upper

228 100

226 24.8 23.0 34.4

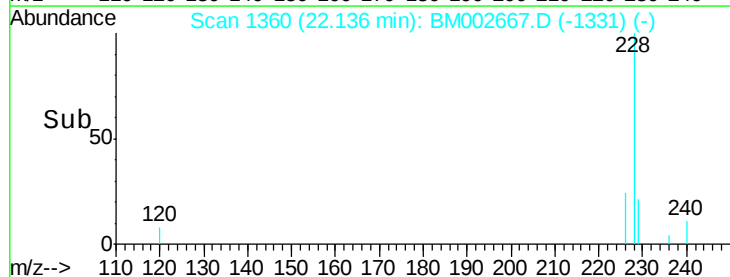
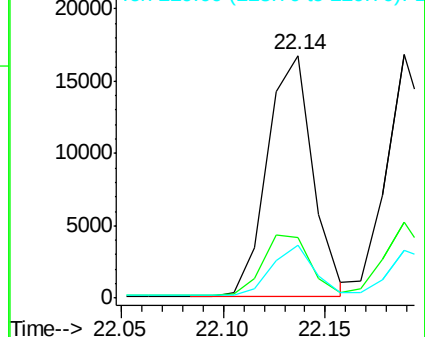
229 21.7 15.2 22.8

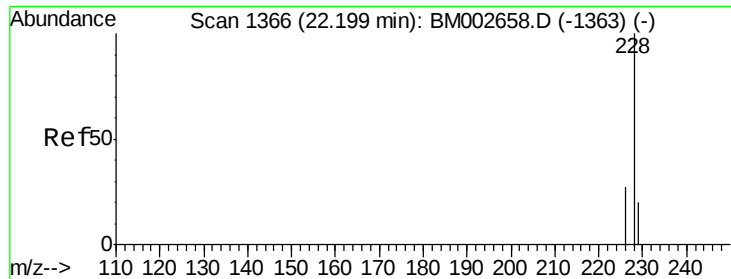


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.38 ng/ul

RT: 22.19 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BM002667.D

Acq: 04 Sep 2015 02:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.469

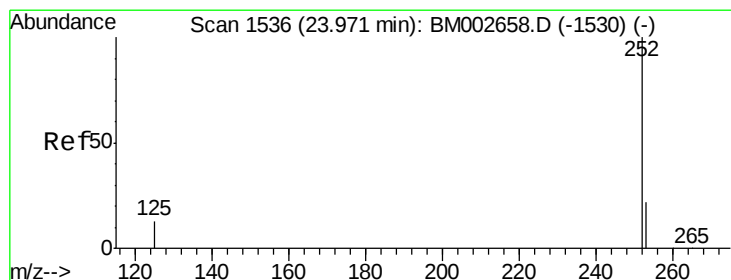
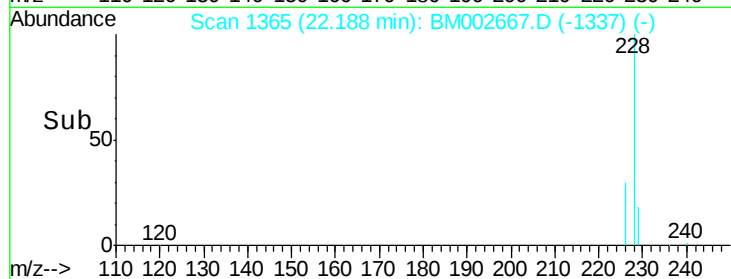
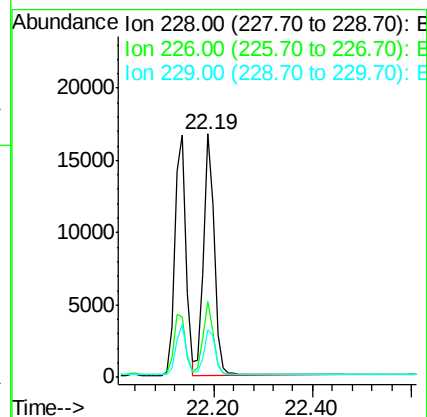
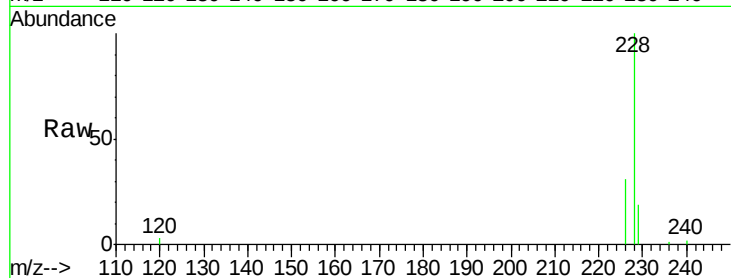
Tot Ion:228 Resp: 25419

Ion Ratio Lower Upper

228 100

226 31.0 25.7 38.5

229 19.4 15.2 22.8



#23

Benzo(b)fluoranthene

Concen: 0.36 ng/ul

RT: 23.96 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BM002667.D

Acq: 04 Sep 2015 02:49

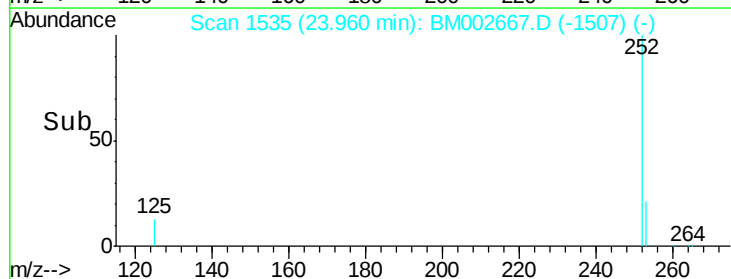
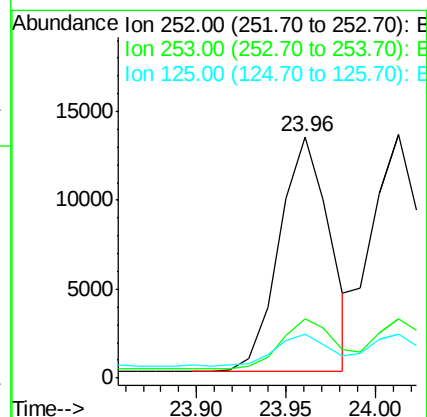
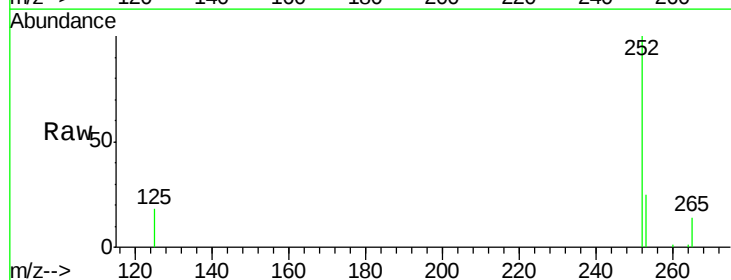
Tgt Ion:252 Resp: 25972

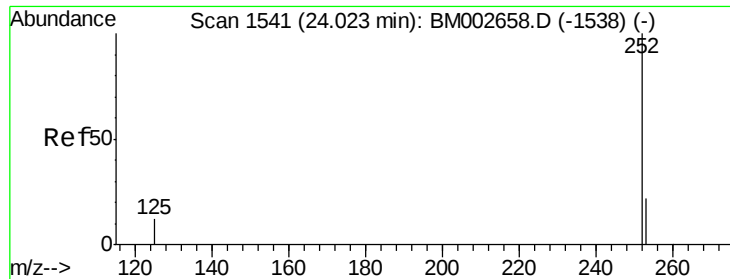
Ion Ratio Lower Upper

252 100

253 24.8 0.0 48.0

125 18.0 0.0 36.6





#24

Benzo(k)fluoranthene

Concen: 0.39 ng/ul

RT: 24.01 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BM002667.D

Acq: 04 Sep 2015 02:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.469

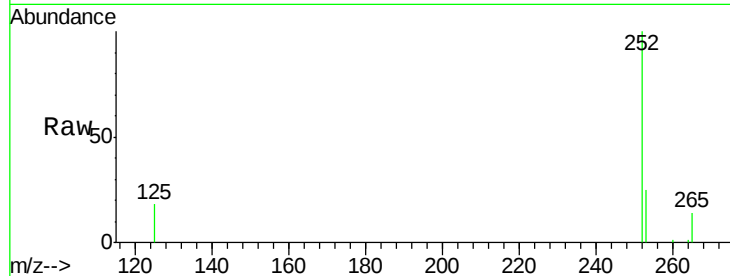
Tot Ion:252 Resp: 26269

Ion Ratio Lower Upper

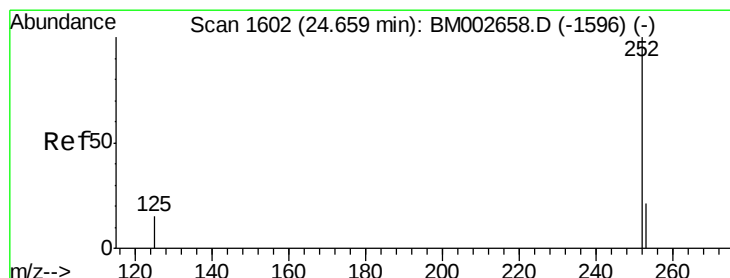
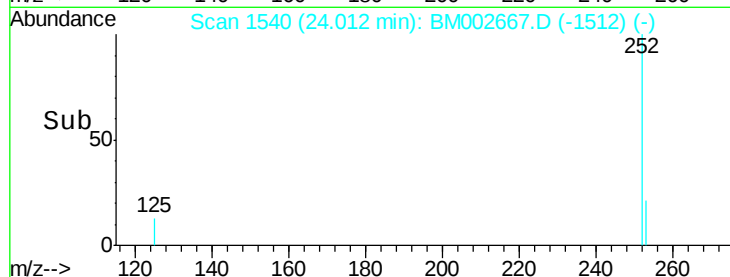
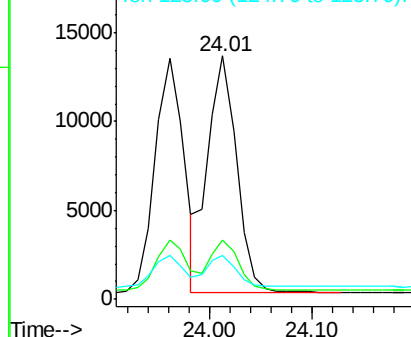
252 100

253 24.6 20.8 31.2

125 17.8 12.2 18.4



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: 0.38 ng/ul

RT: 24.66 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM002667.D

Acq: 04 Sep 2015 02:49

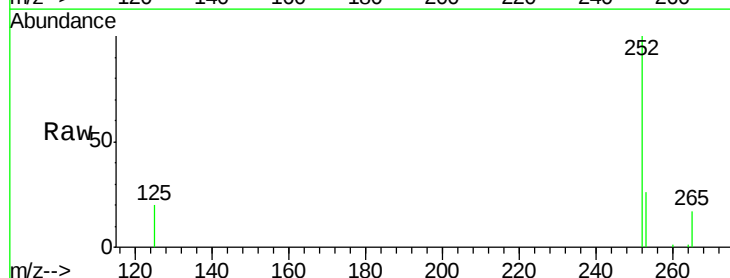
Tgt Ion:252 Resp: 25518

Ion Ratio Lower Upper

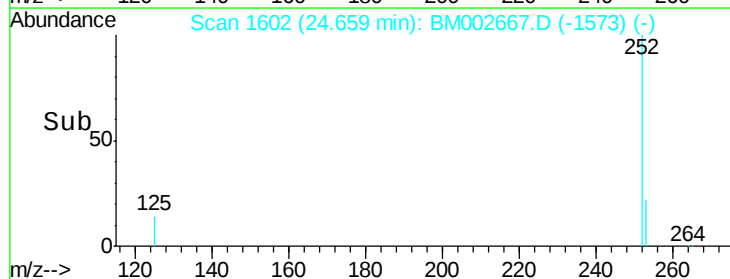
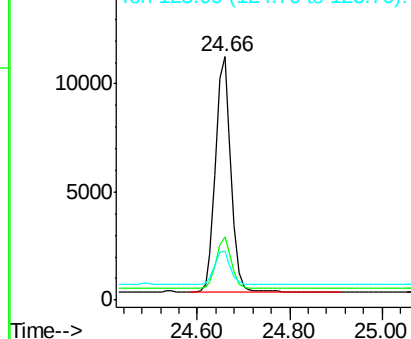
252 100

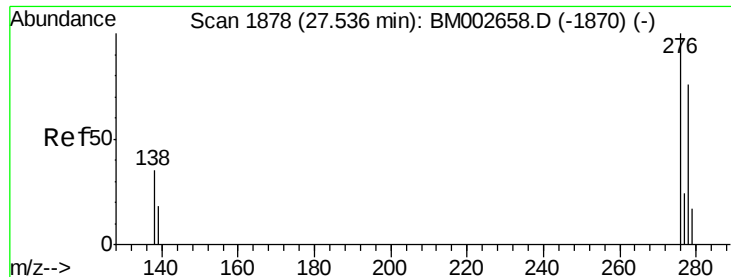
253 25.8 21.8 32.8

125 20.2 14.5 21.7



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

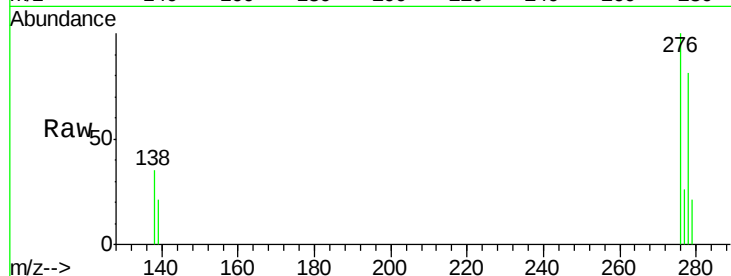




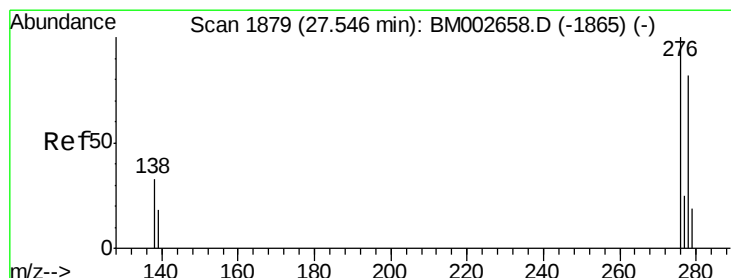
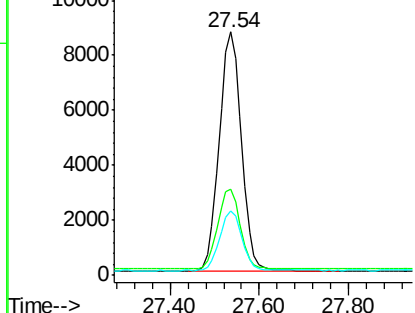
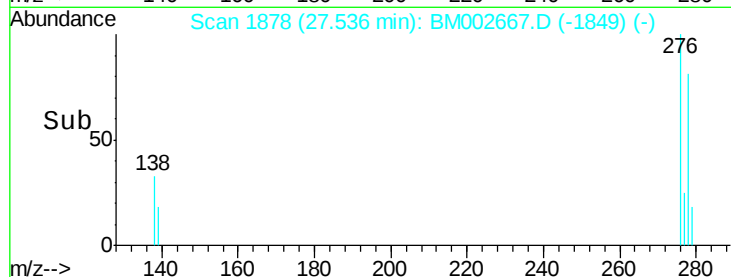
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BM002667.D
Acq: 04 Sep 2015 02:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.469

Tot Ion:276 Resp: 30021
Ion Ratio Lower Upper
276 100
138 33.9 27.5 41.3
277 25.2 19.3 28.9

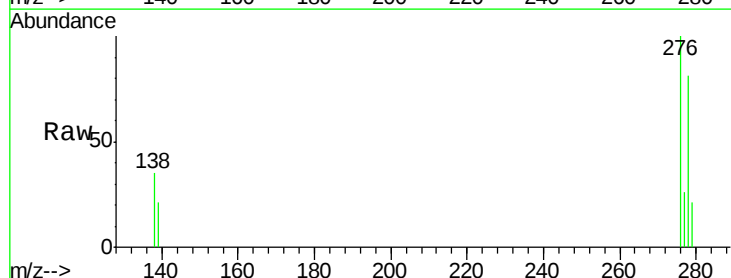


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

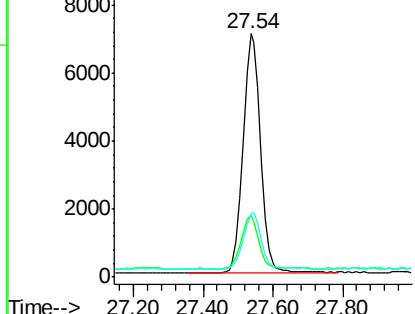
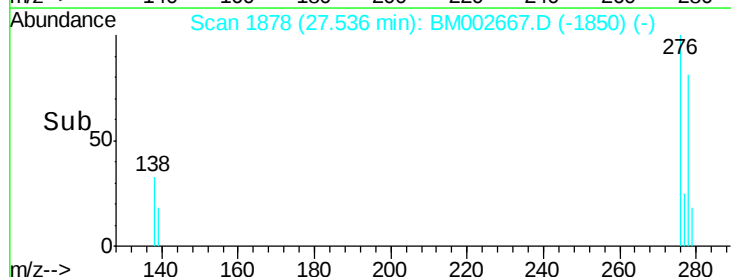


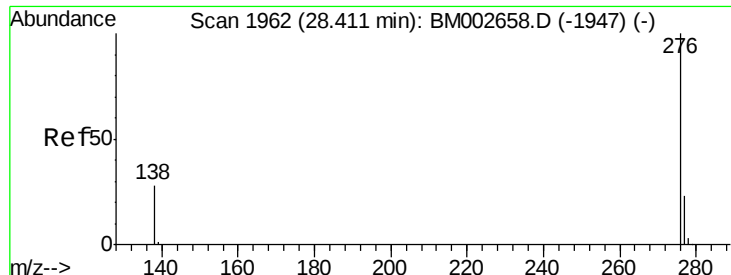
#27
Dibenzo(a,h)anthracene
Concen: 0.38 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BM002667.D
Acq: 04 Sep 2015 02:49

Tgt Ion:278 Resp: 24571
Ion Ratio Lower Upper
278 100
139 25.4 21.7 32.5
279 25.8 21.9 32.9



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(a,h,i)perylene

Concen: 0.38 ng/ul

RT: 28.40 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BM002667.D

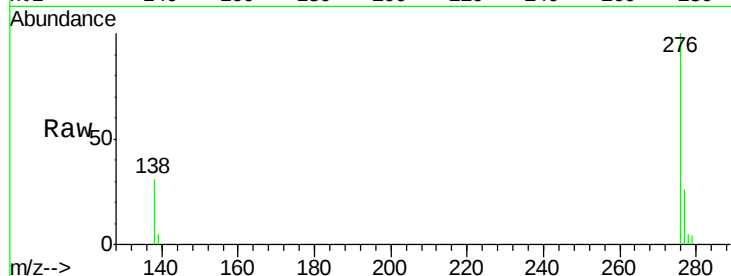
Acq: 04 Sep 2015 02:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.469



Tot Ion: 276 Resp: 25920

Ion Ratio Lower Upper

276 100

277 25.6 21.3 31.9

138 30.7 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

