

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
 Data File : BM003869.D
 Acq On : 30 Dec 2015 04:09
 Operator : SJ/UM
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.436

Quant Time: Dec 30 06:00:38 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 : Wed Dec 30 05:57:00 2015
 Response via : Initial Calibration

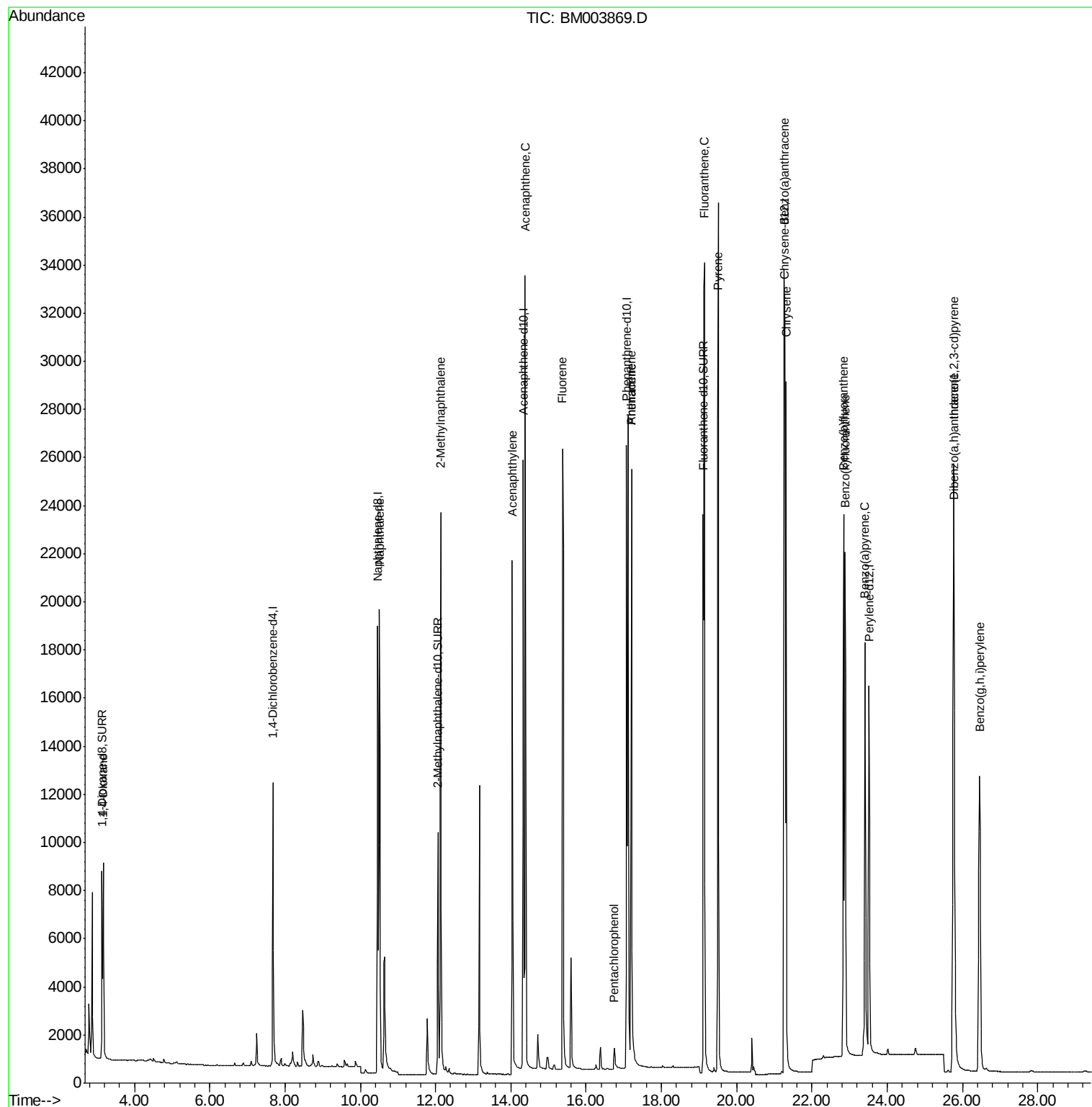
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	6605	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	27683	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	15294	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	33721	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	25115	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	20808	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	5801	2.05	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	14615	0.44	ng/ul	0.00
16) Fluoranthene-d10	19.11	212	30805	0.43	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.17	88	6905	1.92	ng/ul#	7
5) Naphthalene	10.51	128	27486	0.44	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	19260	0.46	ng/ul	100
9) Acenaphthylene	14.04	152	23470	0.40	ng/ul	96
10) Acenaphthene	14.38	153	20827	0.44	ng/ul#	83
11) Fluorene	15.38	166	23489	0.45	ng/ul#	74
13) Pentachlorophenol	16.75	266	976	0.20	ng/ul	96
14) Phenanthrene	17.21	178	30178	0.35	ng/ul	97
15) Anthracene	17.21	178	32154	0.43	ng/ul	100
17) Fluoranthene	19.15	202	41014	0.43	ng/ul	93
19) Pyrene	19.51	202	38416	0.57	ng/ul	94
20) Benzo(a)anthracene	21.27	228	28311	0.46	ng/ul	99
21) Chrysene	21.32	228	30850	0.44	ng/ul	99
23) Benzo(b)fluoranthene	22.84	252	28620	0.40	ng/ul	98
24) Benzo(k)fluoranthene	22.88	252	27355	0.42	ng/ul	96
25) Benzo(a)pyrene	23.41	252	26402	0.44	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	25.77	276	30276	0.44	ng/ul#	91
27) Dibenzo(a,h)anthracene	25.78	278	24097	0.43	ng/ul	99
28) Benzo(g,h,i)perylene	26.46	276	26155	0.43	ng/ul	97

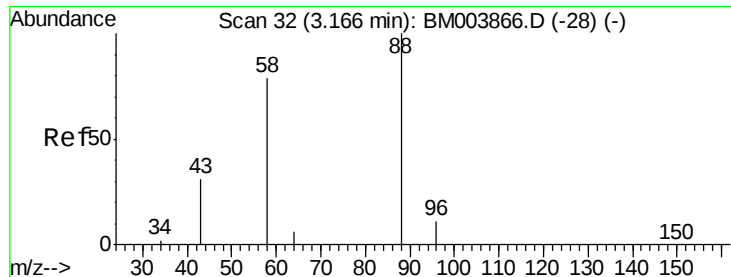
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
Data File : BM003869.D
Acq On : 30 Dec 2015 04:09
Operator : SJ/UM
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
Client Sample Id :
SSTD0.436

Quant Time: Dec 30 06:00:38 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 : Wed Dec 30 05:57:00 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 1.92 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. -0.00 min

Lab File: BM003869.D

Acq: 30 Dec 2015 04:09

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

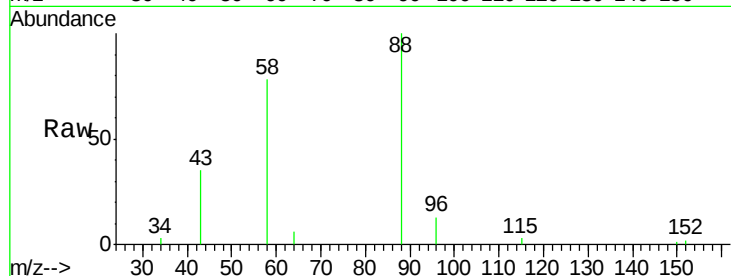
Tot Ion: 88 Resp: 6905

Ion Ratio Lower Upper

88 100

58 63.7 8.0 12.0#

43 24.9 8.0 12.0#

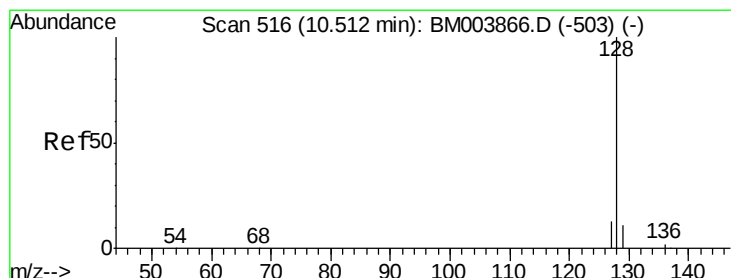
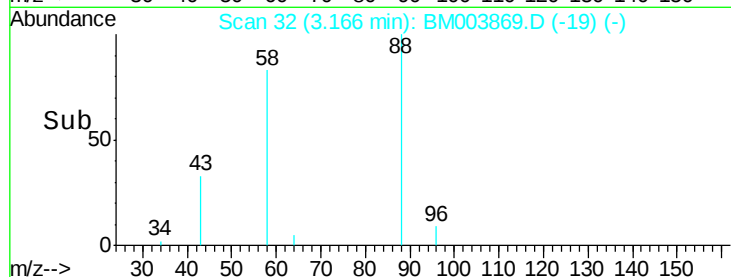
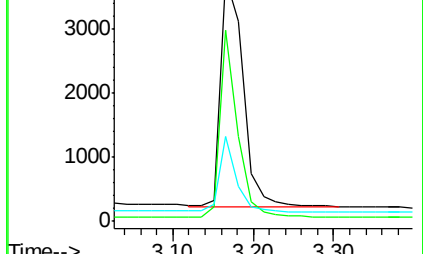


Abundance Ion 88.00 (87.70 to 88.70): BM003866.D (-28) (-)

Ion 58.00 (57.70 to 58.70): BM003866.D (-28) (-)

Ion 43.00 (42.70 to 43.70): BM003866.D (-28) (-)

Time-->



#5

Naphthalene

Concen: 0.44 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM003869.D

Acq: 30 Dec 2015 04:09

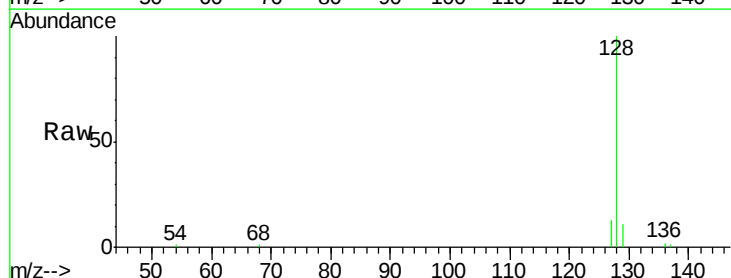
Tgt Ion: 128 Resp: 27486

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

127 13.4 9.6 14.4

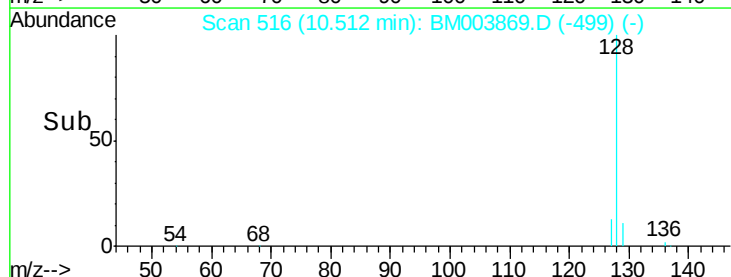
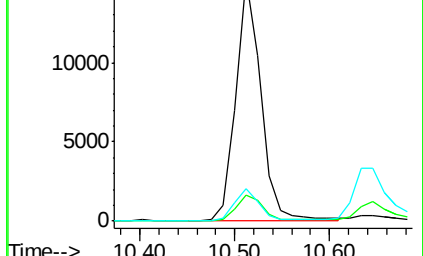


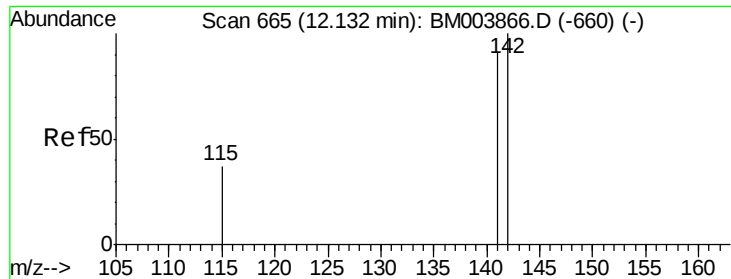
Abundance Ion 128.00 (127.70 to 128.70): BM003866.D (-503) (-)

Ion 129.00 (128.70 to 129.70): BM003866.D (-503) (-)

Ion 127.00 (126.70 to 127.70): BM003866.D (-503) (-)

Time-->





#7

2-Methylnaphthalene

Concen: 0.46 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM003869.D

Acq: 30 Dec 2015 04:09

Instrument :

BNA_M

ClientSampleId :

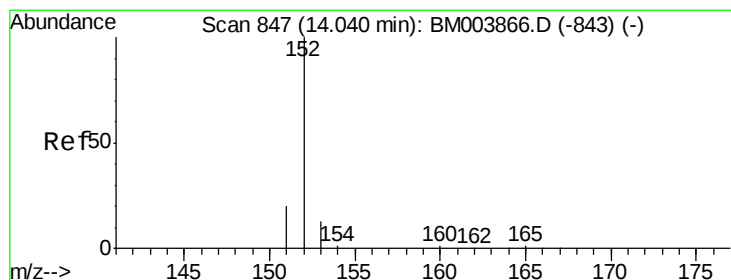
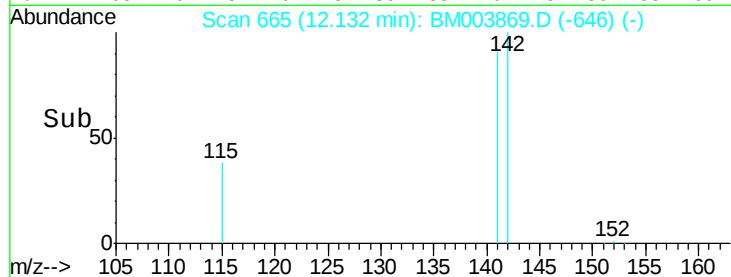
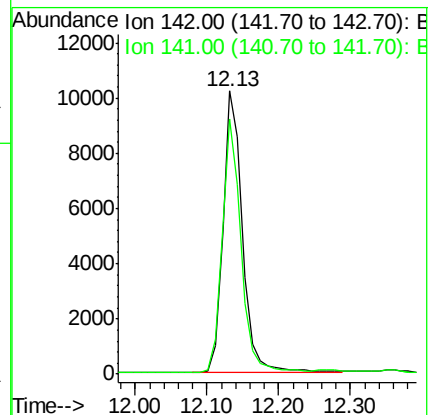
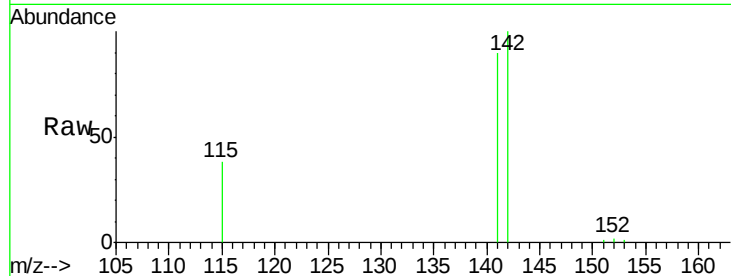
SSTD0.436

Tot Ion:142 Resp: 19260

Ion Ratio Lower Upper

142 100

141 88.2 70.3 105.5



#9

Acenaphthylene

Concen: 0.40 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM003869.D

Acq: 30 Dec 2015 04:09

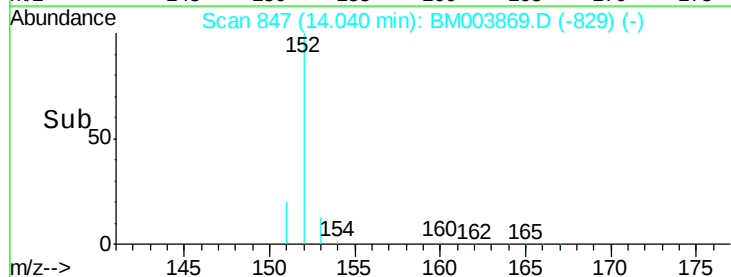
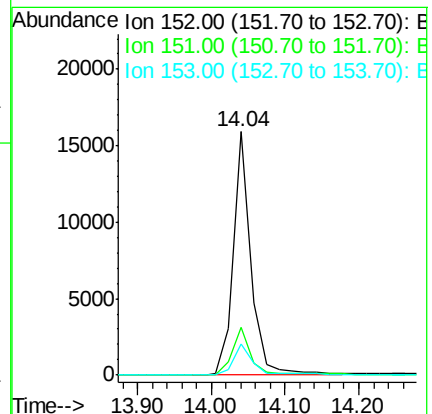
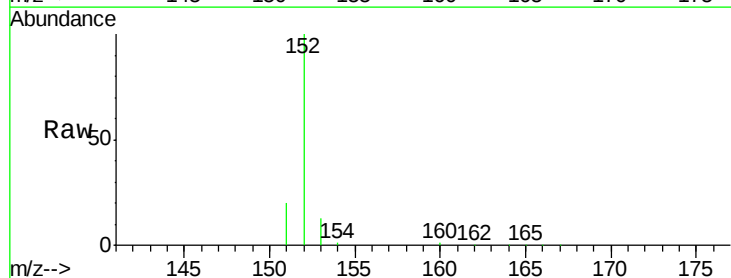
Tgt Ion:152 Resp: 23470

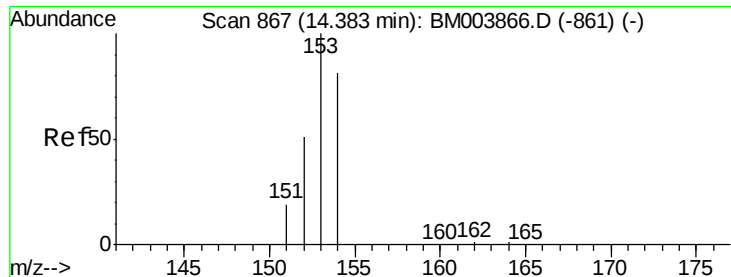
Ion Ratio Lower Upper

152 100

151 19.8 17.6 26.4

153 13.0 9.7 14.5





#10

Acenaphthene

Concen: 0.44 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM003869.D

Acq: 30 Dec 2015 04:09

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

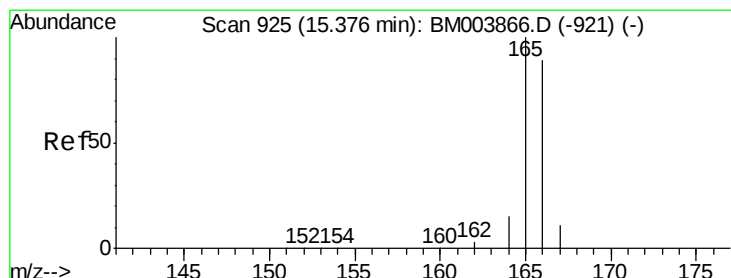
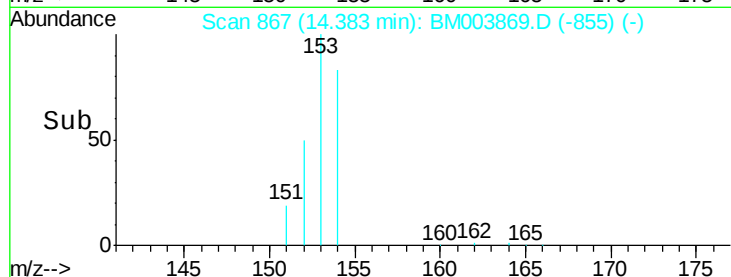
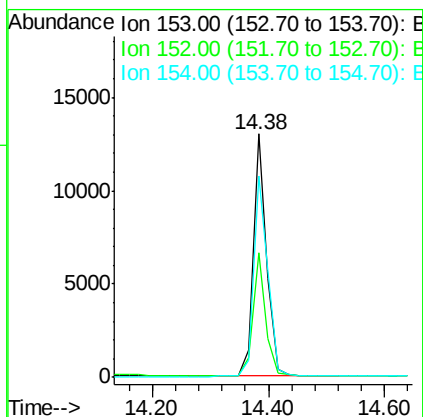
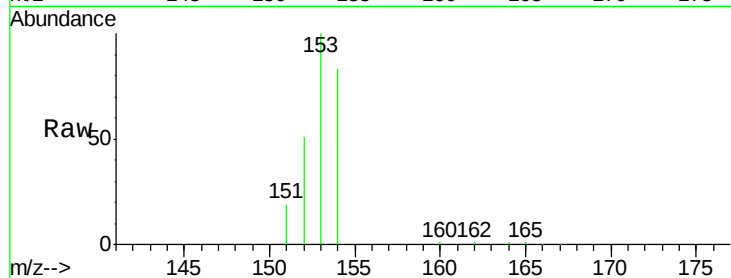
Tot Ion:153 Resp: 20827

Ion Ratio Lower Upper

153 100

152 51.2 33.9 50.9#

154 82.6 80.6 121.0



#11

Fluorene

Concen: 0.45 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.00 min

Lab File: BM003869.D

Acq: 30 Dec 2015 04:09

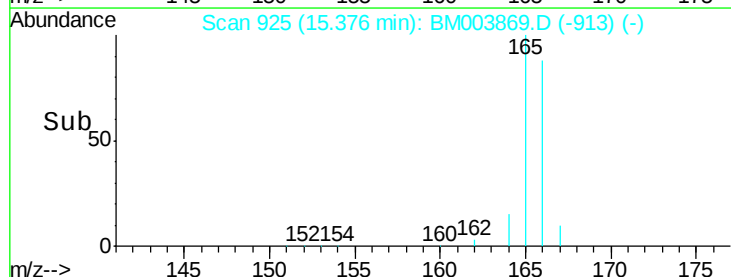
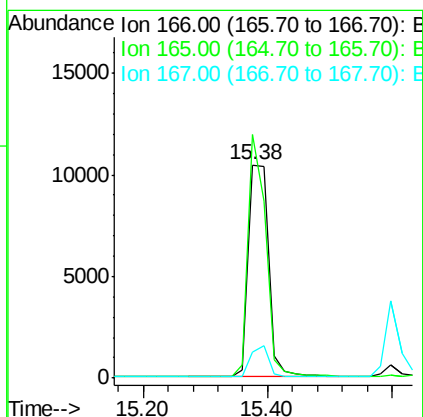
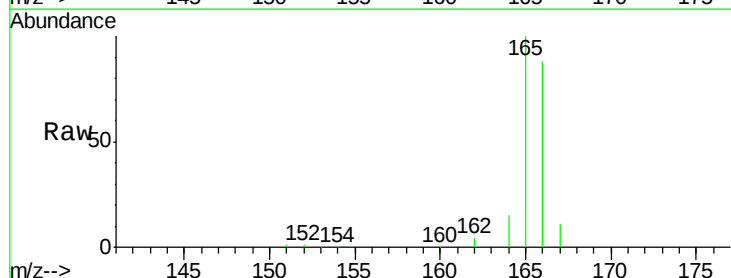
Tgt Ion:166 Resp: 23489

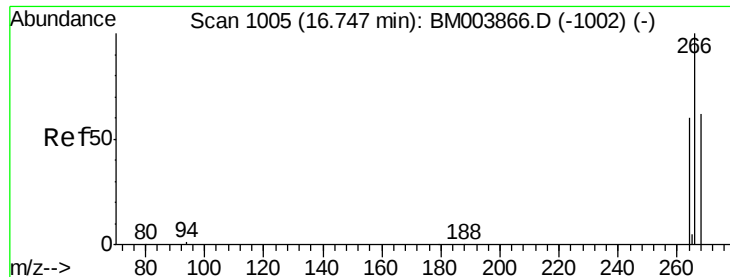
Ion Ratio Lower Upper

166 100

165 114.1 69.6 104.4#

167 12.1 11.9 17.9

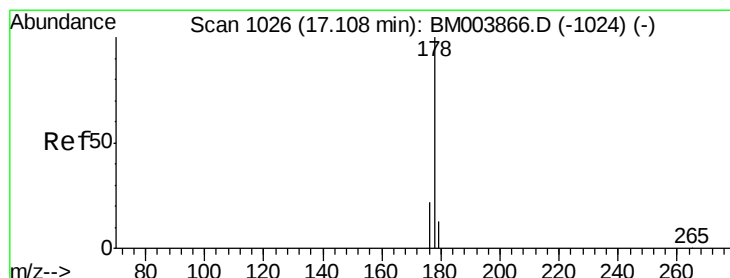
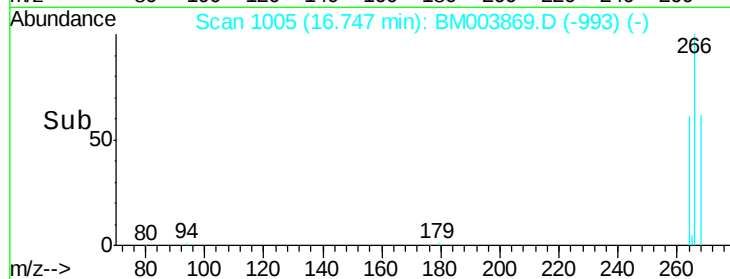
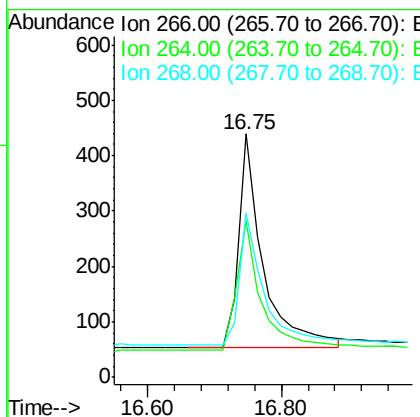
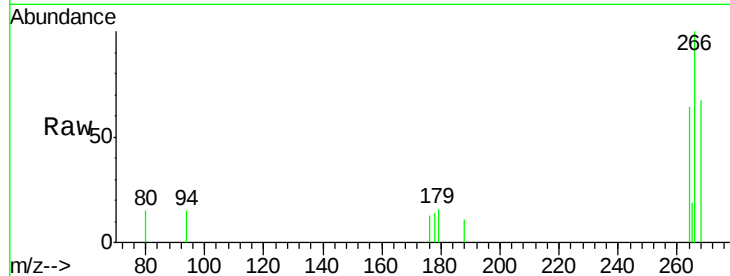




#13
 Pentachlorophenol
 Concen: 0.20 ng/ul
 RT: 16.75 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BM003869.D
 Acq: 30 Dec 2015 04:09

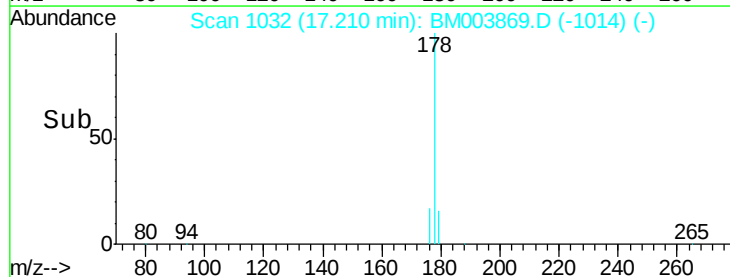
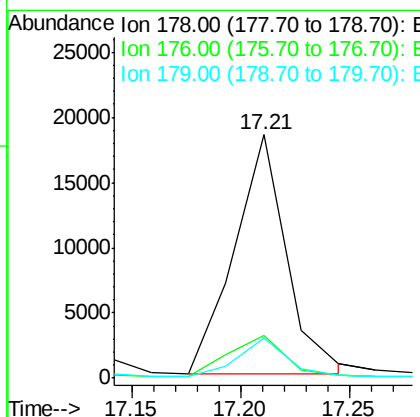
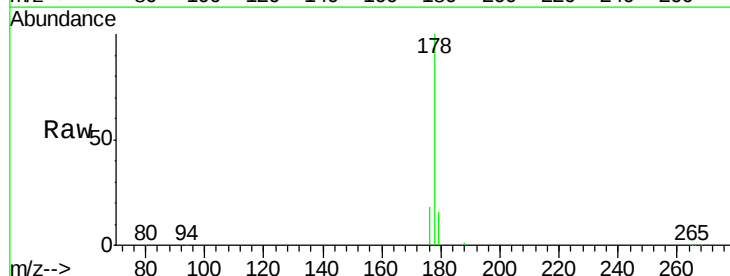
Instrument :
 BNA_M
 ClientSampleId :
 SST00.436

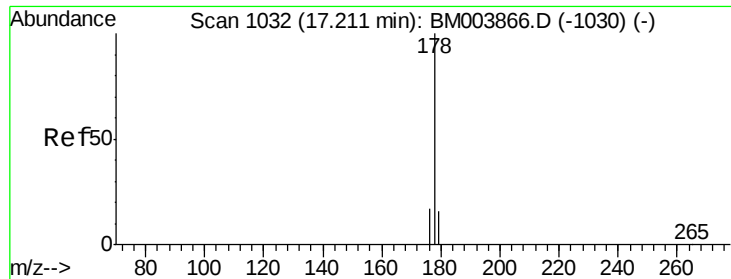
Tot Ion:266 Resp: 976
 Ion Ratio Lower Upper
 266 100
 264 62.9 51.8 77.8
 268 62.7 46.8 70.2



#14
 Phenanthrene
 Concen: 0.35 ng/ul
 RT: 17.21 min Scan# 1032
 Delta R.T. 0.10 min
 Lab File: BM003869.D
 Acq: 30 Dec 2015 04:09

Tgt Ion:178 Resp: 30178
 Ion Ratio Lower Upper
 178 100
 176 17.5 13.0 19.4
 179 16.3 14.2 21.2





#15

Anthracene

Concen: 0.43 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BM003869.D

Acq: 30 Dec 2015 04:09

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

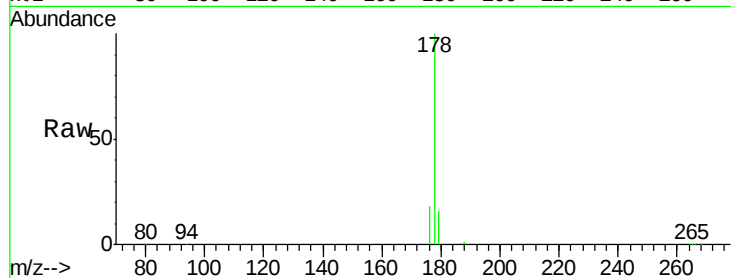
Tot Ion:178 Resp: 32154

Ion Ratio Lower Upper

178 100

176 17.5 14.0 21.0

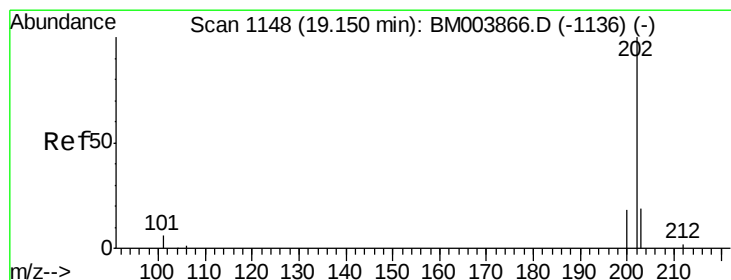
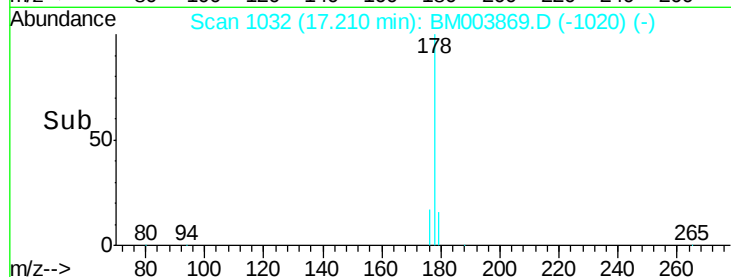
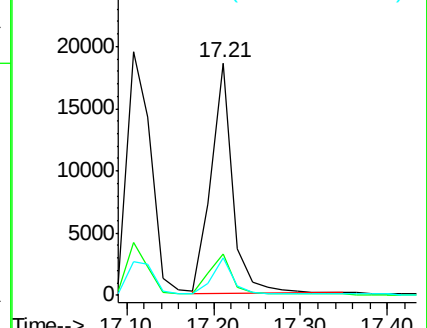
179 16.3 12.9 19.3



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: 0.43 ng/ul

RT: 19.15 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BM003869.D

Acq: 30 Dec 2015 04:09

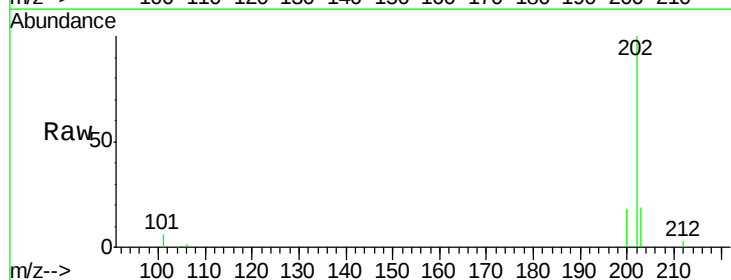
Tgt Ion:202 Resp: 41014

Ion Ratio Lower Upper

202 100

101 6.1 0.0 29.6

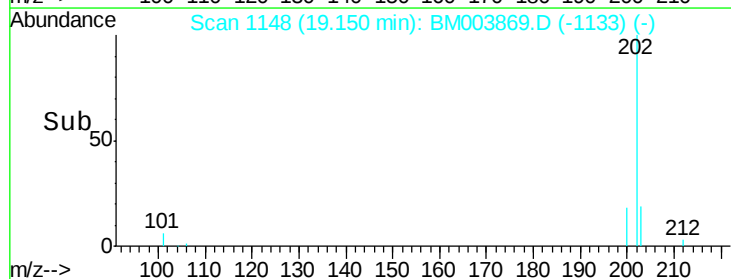
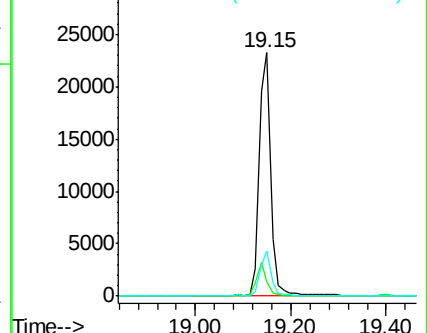
203 18.8 0.0 36.3

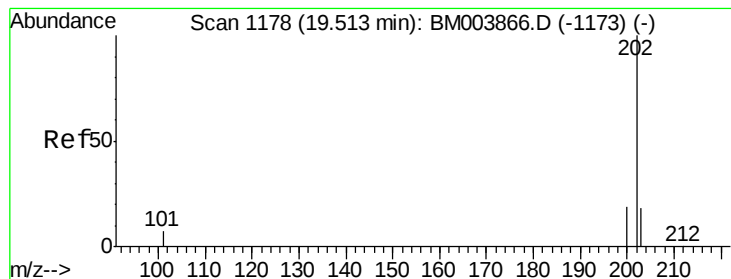


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 0.57 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BM003869.D

Acq: 30 Dec 2015 04:09

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

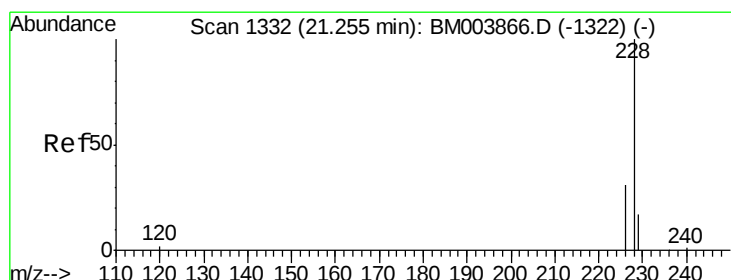
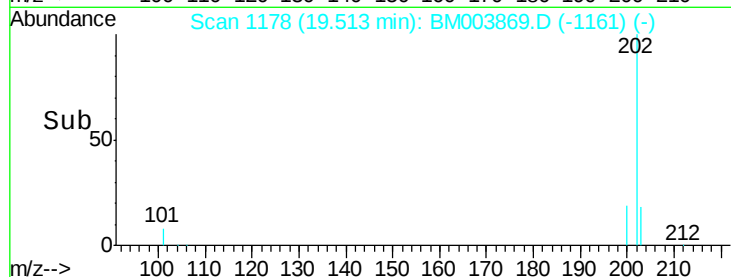
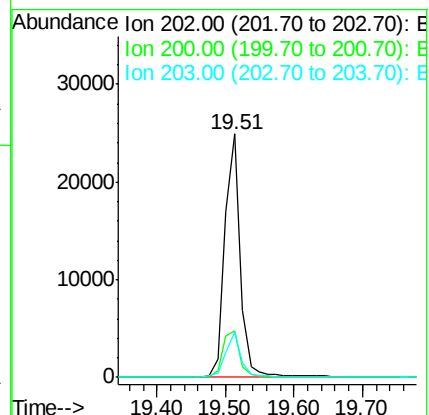
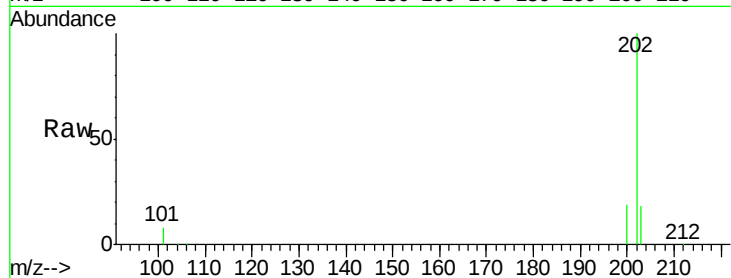
Tot Ion:202 Resp: 38416

Ion Ratio Lower Upper

202 100

200 19.3 17.8 26.8

203 18.4 12.8 19.2



#20

Benzo(a)anthracene

Concen: 0.46 ng/ul

RT: 21.27 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BM003869.D

Acq: 30 Dec 2015 04:09

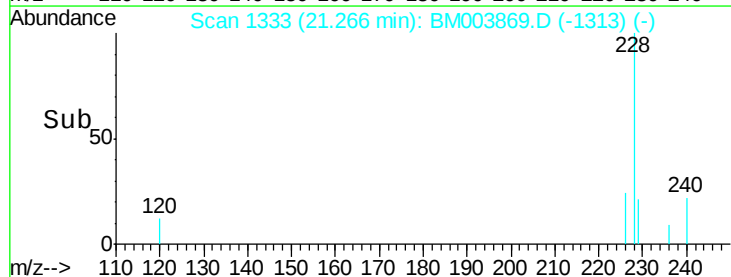
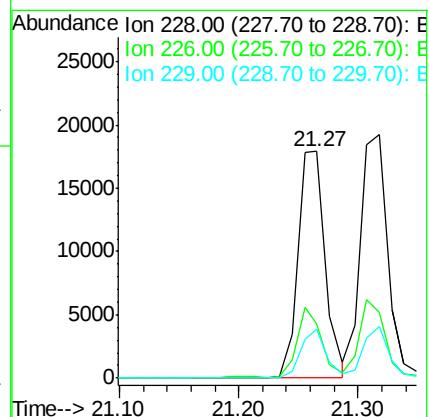
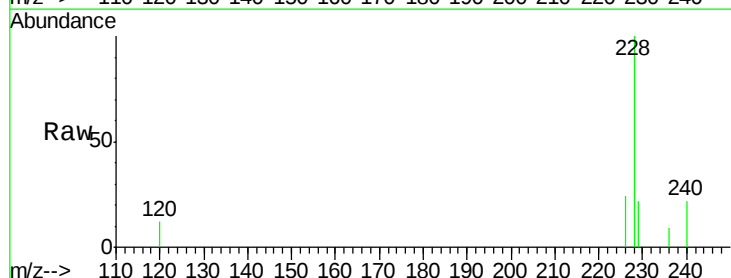
Tgt Ion:228 Resp: 28311

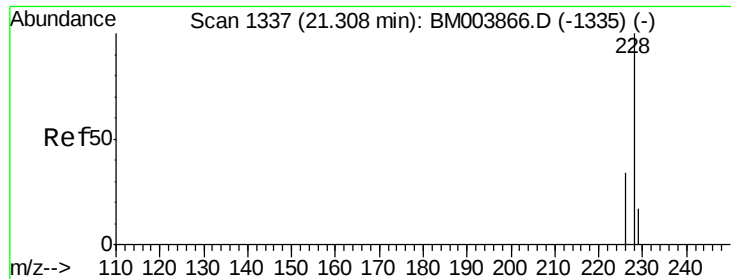
Ion Ratio Lower Upper

228 100

226 23.9 18.8 28.2

229 21.7 17.1 25.7





#21

Chrysene

Concen: 0.44 ng/ul

RT: 21.32 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BM003869.D

Acq: 30 Dec 2015 04:09

Instrument :

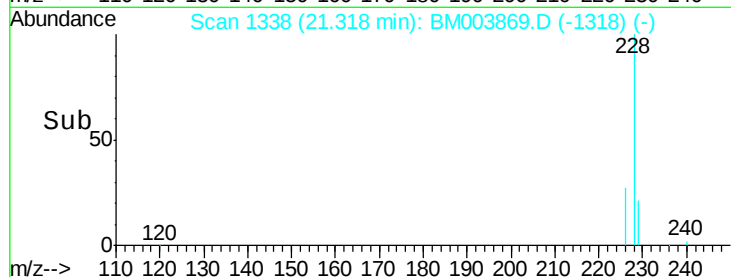
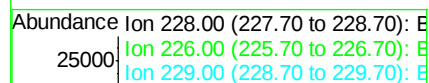
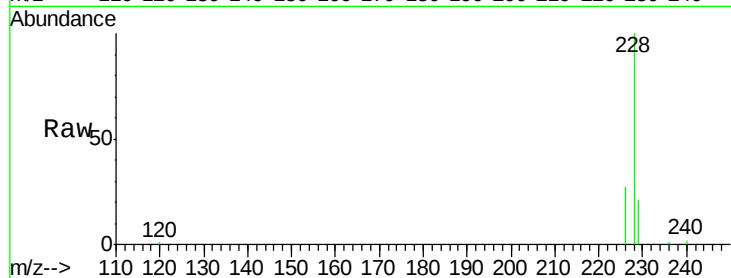
BNA_M

ClientSampleId :

SSTD0.436

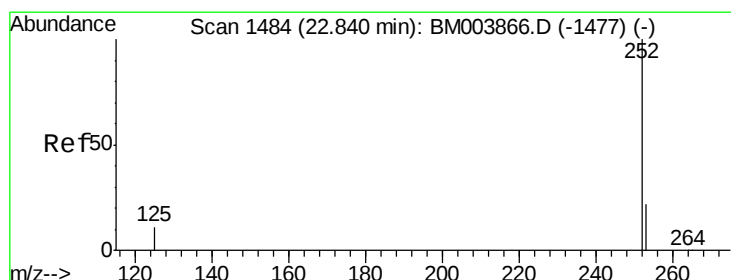
Tot Ion:228 Resp: 30850

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.2	31.8
229	21.2	17.0	25.6



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: 22.84 min Scan# 1484

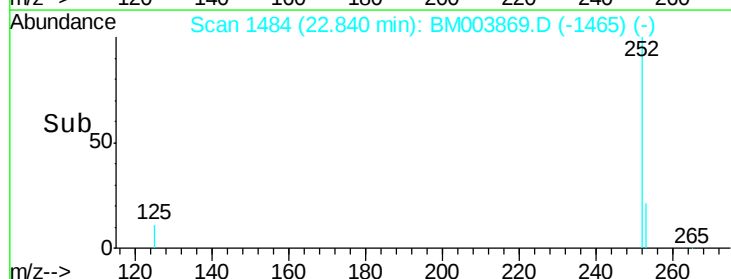
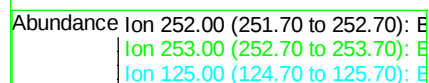
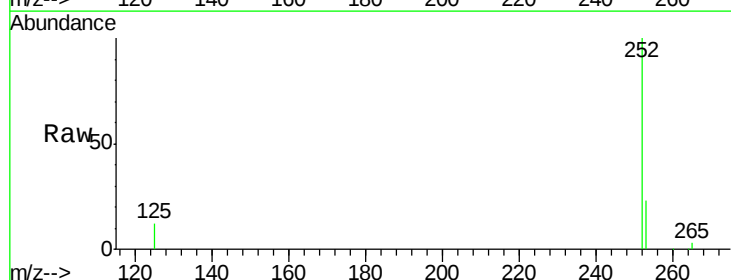
Delta R.T. -0.00 min

Lab File: BM003869.D

Acq: 30 Dec 2015 04:09

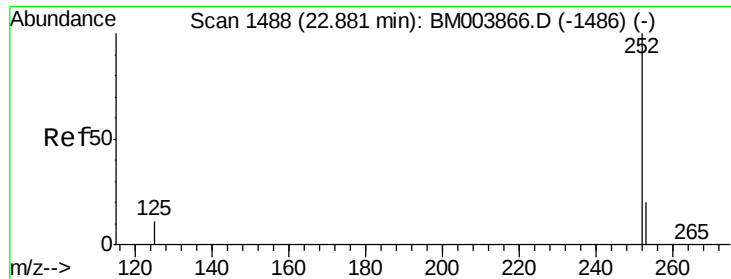
Tgt Ion:252 Resp: 28620

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	45.4
125	12.0	0.0	28.8



Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Benzo(k)fluoranthene

Concen: 0.42 ng/ul

RT: 22.88 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BM003869.D

Acq: 30 Dec 2015 04:09

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

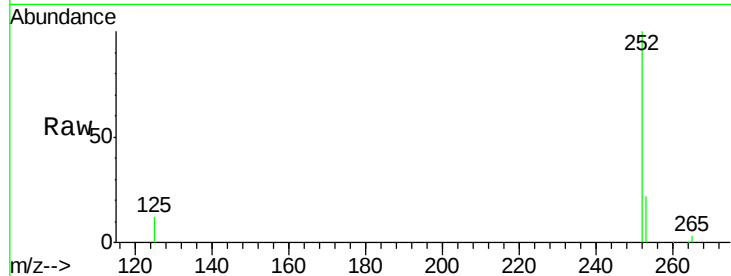
Tot Ion:252 Resp: 27355

Ion Ratio Lower Upper

252 100

253 22.2 19.8 29.8

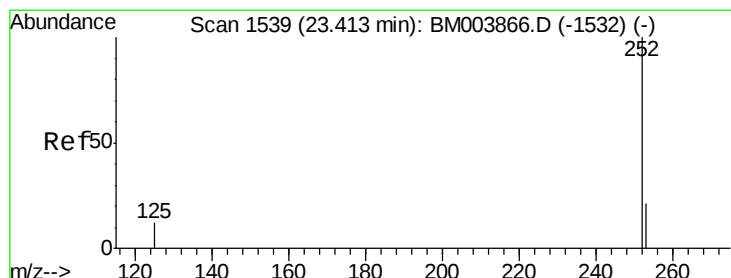
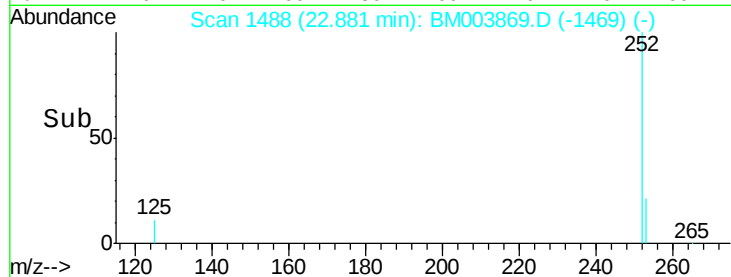
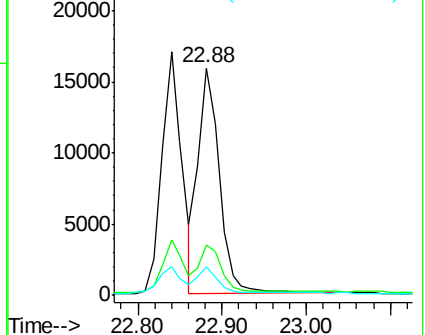
125 12.3 10.4 15.6



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: 0.44 ng/ul

RT: 23.41 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BM003869.D

Acq: 30 Dec 2015 04:09

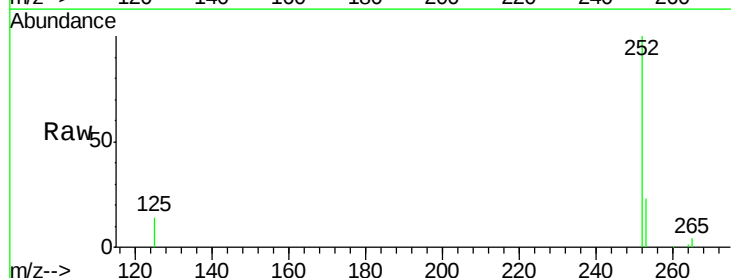
Tgt Ion:252 Resp: 26402

Ion Ratio Lower Upper

252 100

253 23.1 19.4 29.2

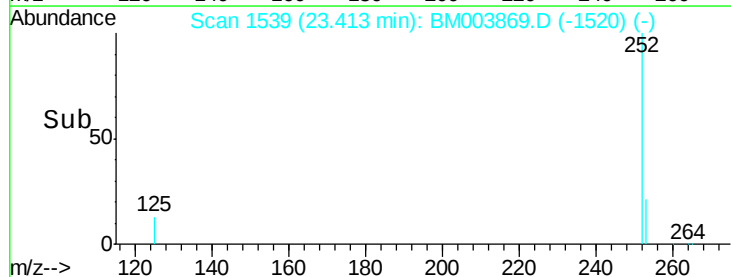
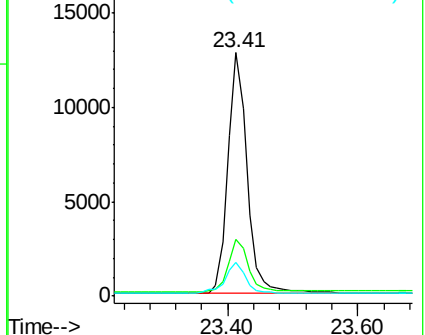
125 13.6 12.7 19.1

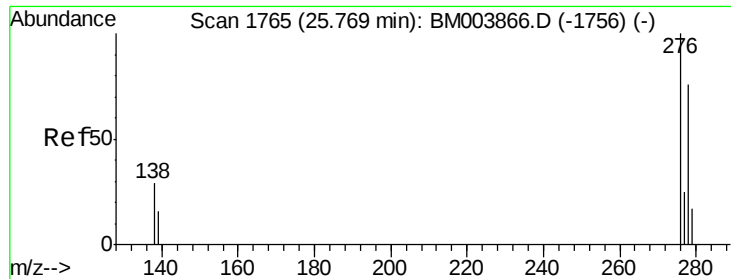


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

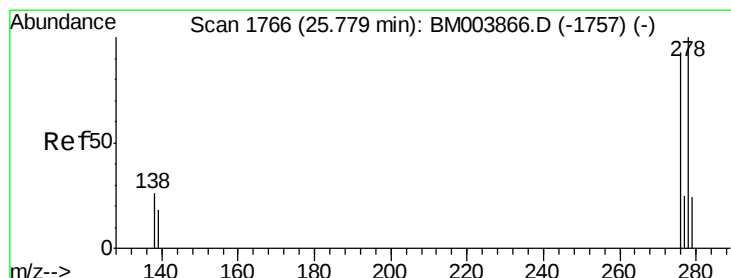
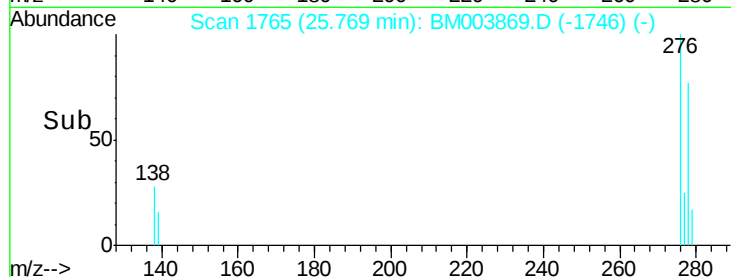
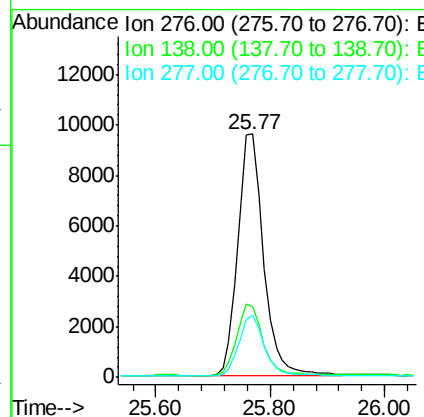
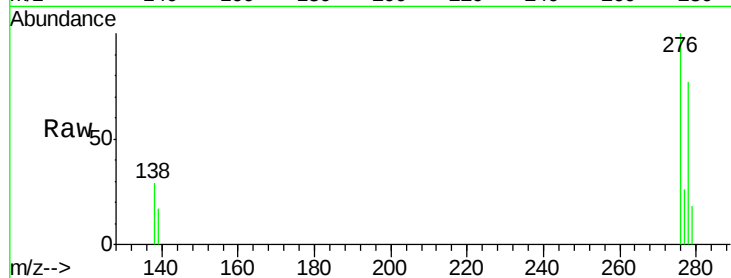




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.44 ng/ul
 RT: 25.77 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BM003869.D
 Acq: 30 Dec 2015 04:09

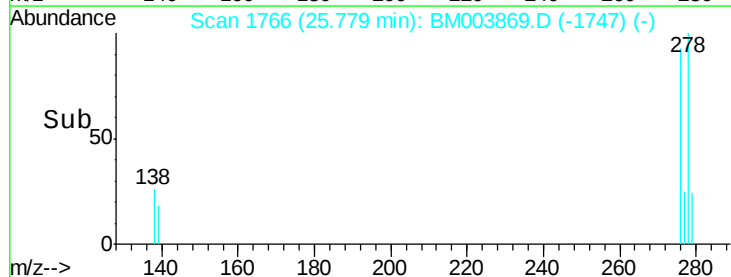
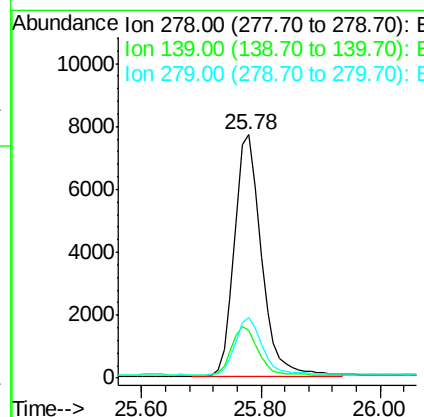
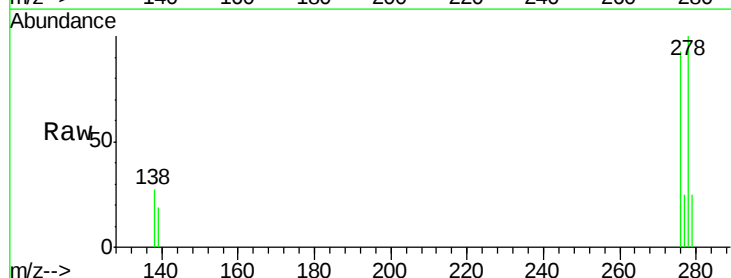
Instrument :
 BNA_M
 ClientSampleId :
 SST0.436

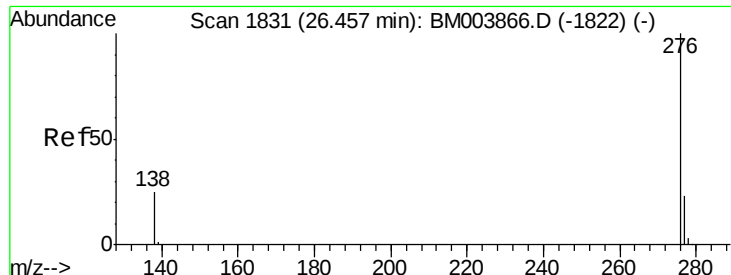
Tot Ion:276 Resp: 30276
 Ion Ratio Lower Upper
 276 100
 138 29.7 16.3 24.5#
 277 24.6 19.8 29.8



#27
 Dibenzo(a,h)anthracene
 Concen: 0.43 ng/ul
 RT: 25.78 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BM003869.D
 Acq: 30 Dec 2015 04:09

Tgt Ion:278 Resp: 24097
 Ion Ratio Lower Upper
 278 100
 139 19.5 16.4 24.6
 279 24.9 20.2 30.2





#28

Benzo(a,h,i)perylene

Concen: 0.43 ng/ul

RT: 26.46 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BM003869.D

Acq: 30 Dec 2015 04:09

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

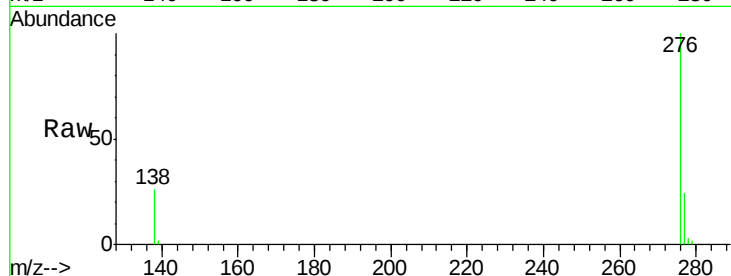
Tot Ion: 276 Resp: 26155

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 25.6 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

