

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071415\
 Data File : BM001906.D
 Acq On : 13 Jul 2015 20:57
 Operator : TP/UM
 Sample : SSTD0.243
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.243

Quant Time: Jul 14 04:20:45 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 04:19:54 2015
 Response via : Initial Calibration

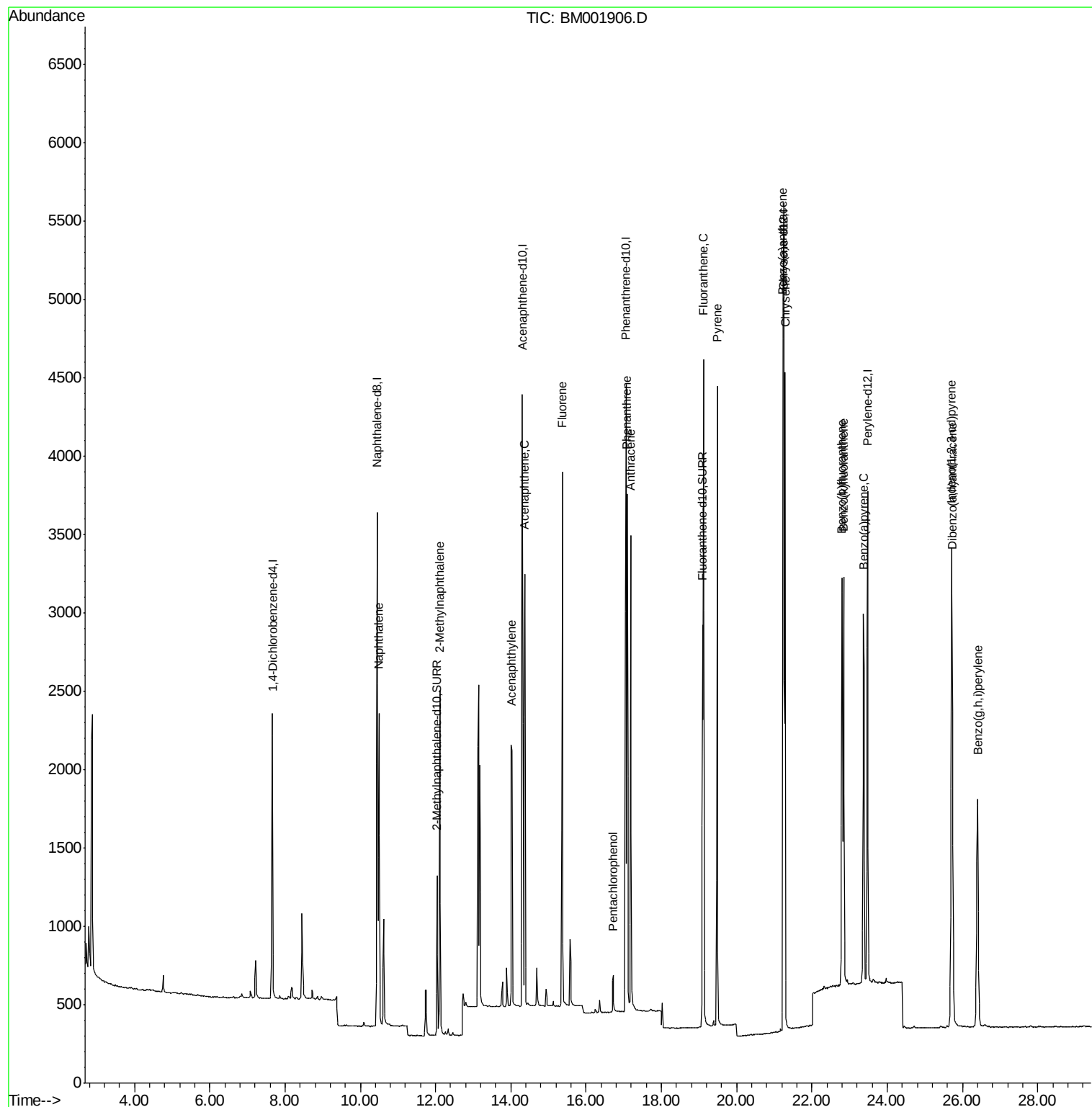
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1187	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	4520	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	2374	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	5316	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	4578	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	4095	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	1394	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	2828	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.49	128	2738	0.22	ng/ul	96
5) 2-Methylnaphthalene	12.12	142	1790	0.23	ng/ul	100
7) Acenaphthylene	14.03	152	2781	0.23	ng/ul#	91
8) Acenaphthene	14.37	153	1956	0.22	ng/ul	99
9) Fluorene	15.37	166	2300	0.23	ng/ul	99
11) Pentachlorophenol	16.72	266	232	0.20	ng/ul	99
12) Phenanthrene	17.09	178	3685	0.22	ng/ul	99
13) Anthracene	17.18	178	3485	0.23	ng/ul	97
15) Fluoranthene	19.12	202	4047	0.23	ng/ul	99
17) Pyrene	19.48	202	4174	0.22	ng/ul	98
18) Benzo(a)anthracene	21.23	228	3565	0.23	ng/ul	99
19) Chrysene	21.28	228	3584	0.22	ng/ul	98
21) Benzo(b)fluoranthene	22.80	252	3797	0.23	ng/ul	96
22) Benzo(k)fluoranthene	22.85	252	3056	0.20	ng/ul	94
23) Benzo(a)pyrene	23.37	252	3244	0.22	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.71	276	3489	0.21	ng/ul	100
25) Dibenzo(a,h)anthracene	25.73	278	2801	0.21	ng/ul	95
26) Benzo(g,h,i)perylene	26.40	276	2988	0.21	ng/ul	95

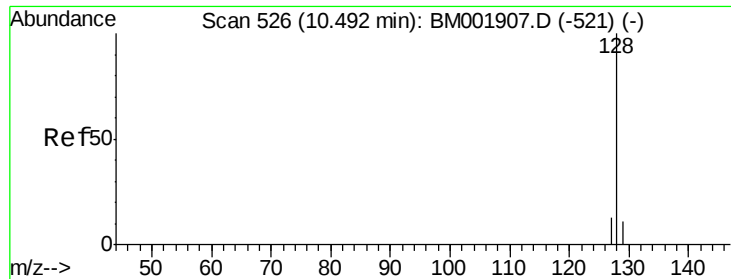
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SSTD0.243

Quant Time: Jul 14 04:20:45 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM071415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 04:19:54 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.22 ng/ul

RT: 10.49 min Scan# 526

Delta R.T. 0.00 min

Lab File: BM001906.D

Acq: 13 Jul 2015 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD0.243

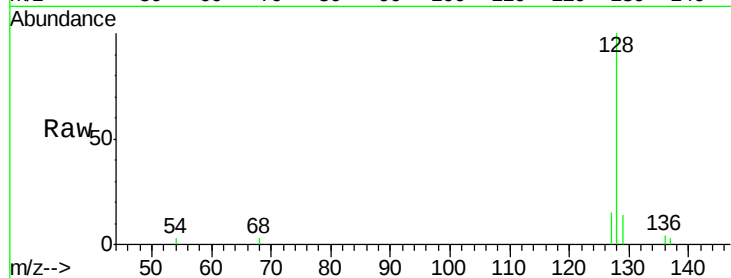
Tgt Ion:128 Resp: 2738

Ion Ratio Lower Upper

128 100

129 13.6 9.6 14.4

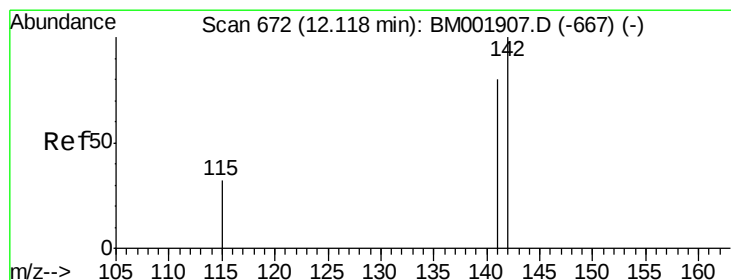
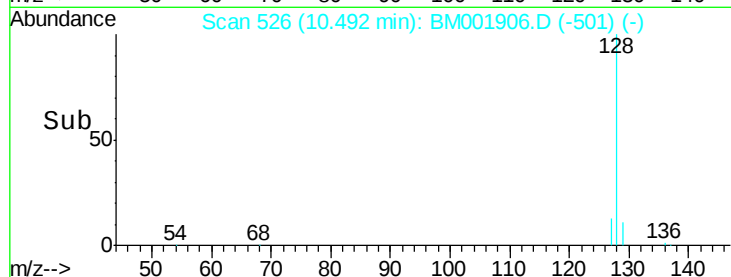
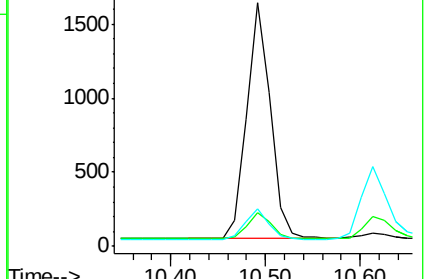
127 15.5 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.23 ng/ul

RT: 12.12 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM001906.D

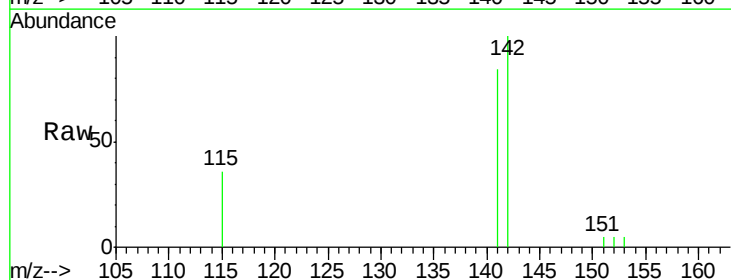
Acq: 13 Jul 2015 20:57

Tgt Ion:142 Resp: 1790

Ion Ratio Lower Upper

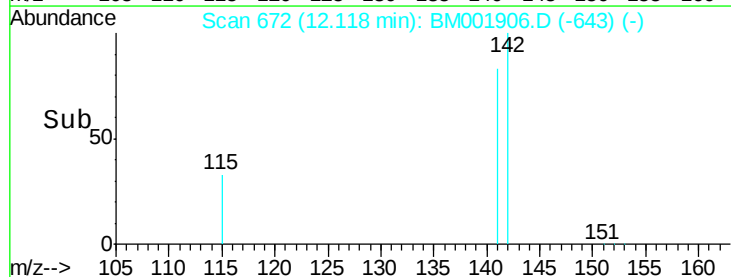
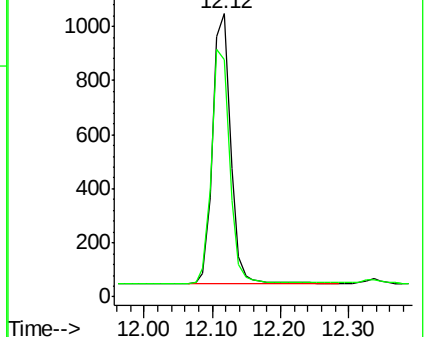
142 100

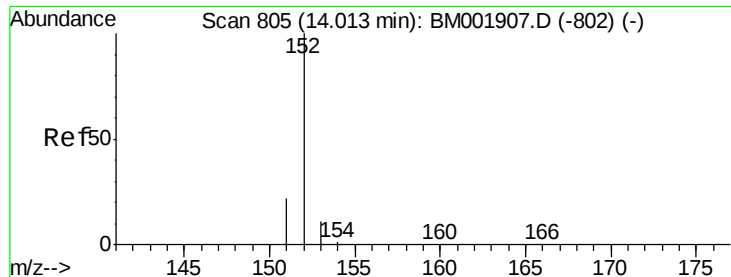
141 88.4 70.7 106.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.23 ng/ul

RT: 14.03 min Scan# 806

Delta R.T. 0.02 min

Lab File: BM001906.D

Acq: 13 Jul 2015 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD0.243

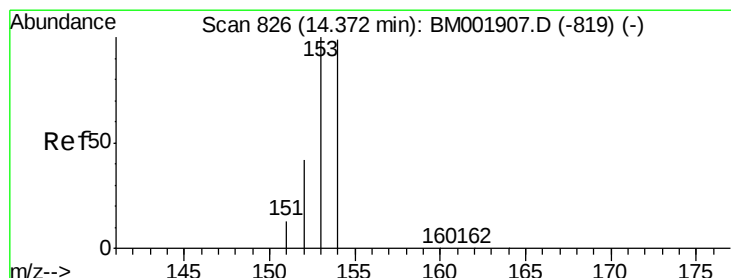
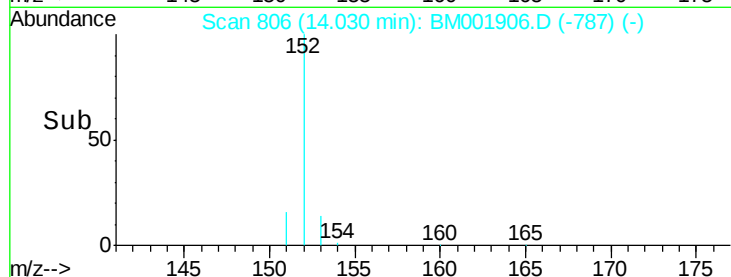
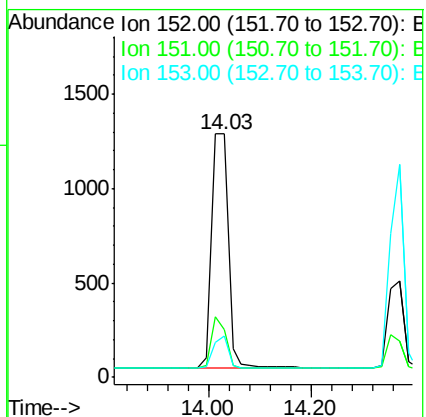
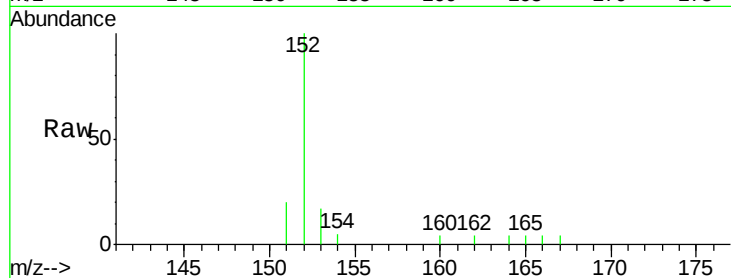
Tgt Ion:152 Resp: 2781

Ion Ratio Lower Upper

152 100

151 19.5 18.5 27.7

153 17.2 10.3 15.5#



#8

Acenaphthene

Concen: 0.22 ng/ul

RT: 14.37 min Scan# 826

Delta R.T. 0.00 min

Lab File: BM001906.D

Acq: 13 Jul 2015 20:57

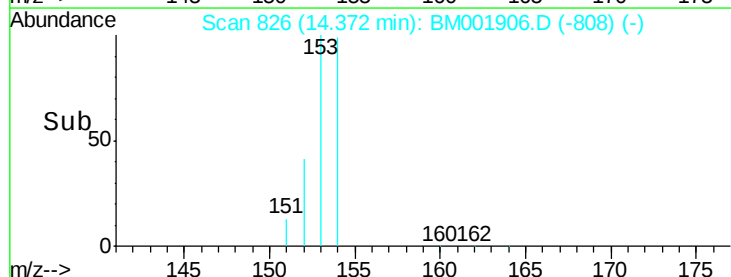
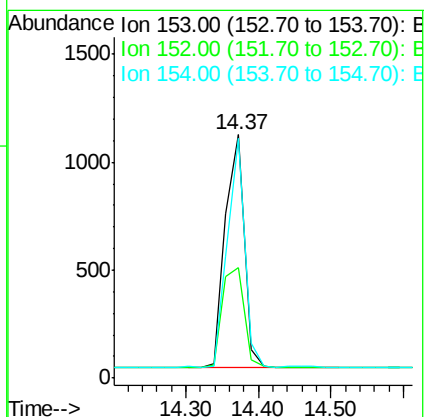
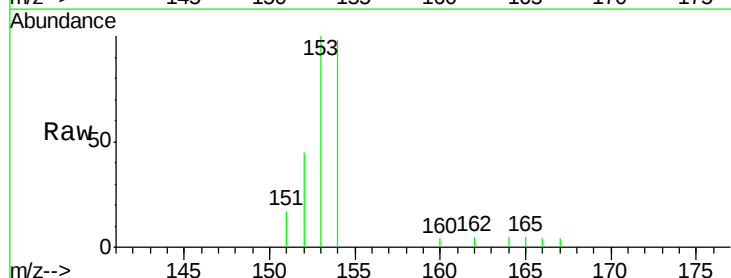
Tgt Ion:153 Resp: 1956

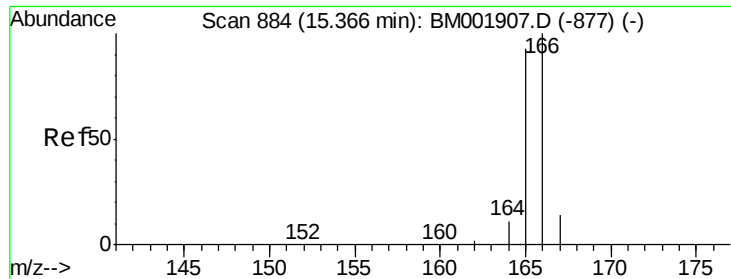
Ion Ratio Lower Upper

153 100

152 45.5 34.9 52.3

154 98.5 79.0 118.4

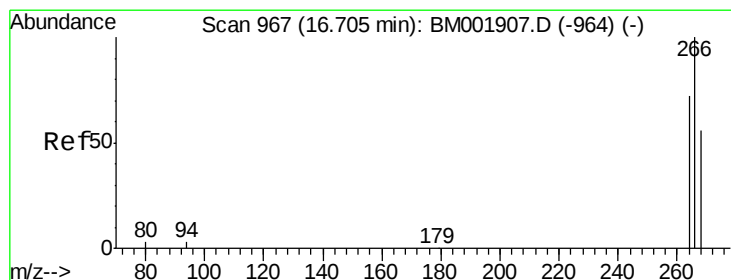
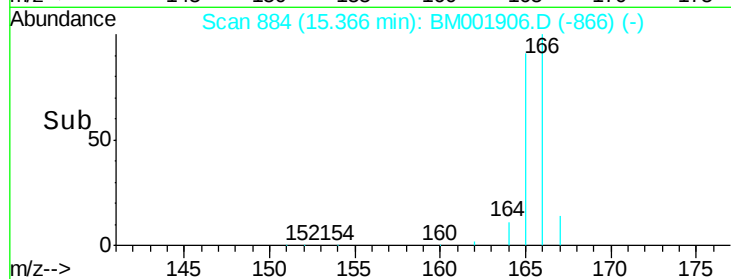
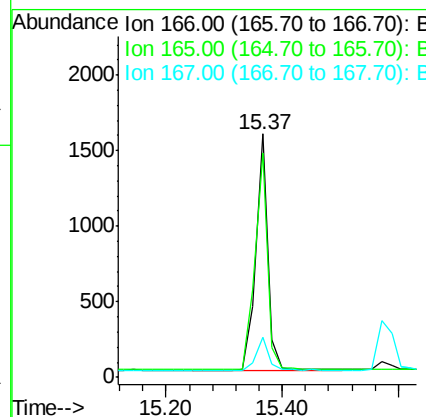
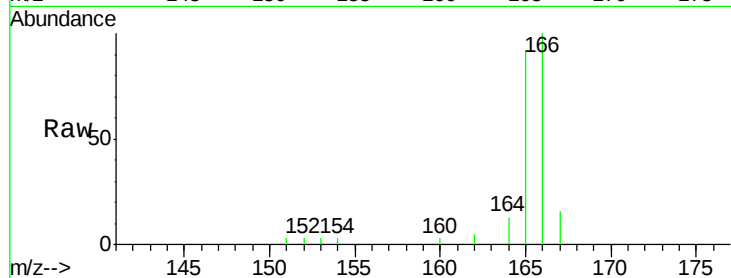




#9
Fluorene
 Concen: 0.23 ng/ul
 RT: 15.37 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BM001906.D
 Acq: 13 Jul 2015 20:57

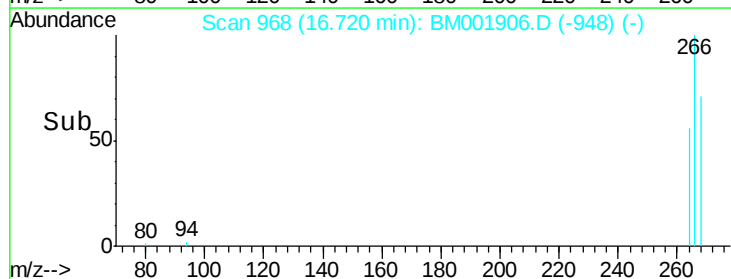
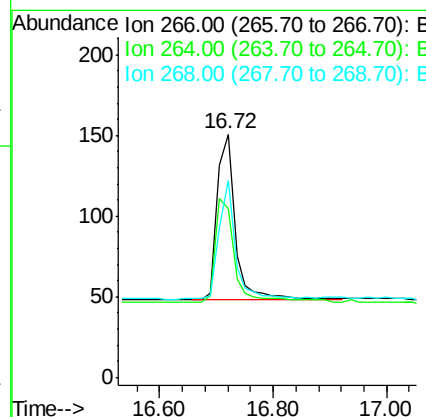
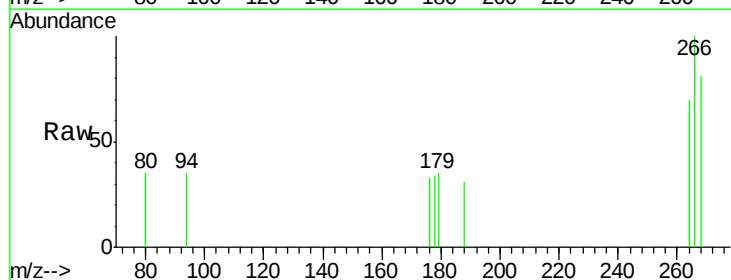
Instrument :
 BNA_M
 ClientSampleId :
 SST0.243

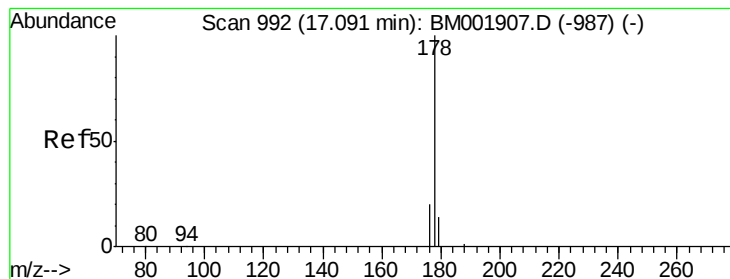
Tgt Ion:166 Resp: 2300
 Ion Ratio Lower Upper
 166 100
 165 92.0 74.4 111.6
 167 16.4 12.0 18.0



#11
Pentachlorophenol
 Concen: 0.20 ng/ul
 RT: 16.72 min Scan# 968
 Delta R.T. 0.02 min
 Lab File: BM001906.D
 Acq: 13 Jul 2015 20:57

Tgt Ion:266 Resp: 232
 Ion Ratio Lower Upper
 266 100
 264 62.5 49.9 74.9
 268 67.2 52.1 78.1





#12

Phenanthrene

Concen: 0.22 ng/ul

RT: 17.09 min Scan# 992

Delta R.T. 0.00 min

Lab File: BM001906.D

Acq: 13 Jul 2015 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD0.243

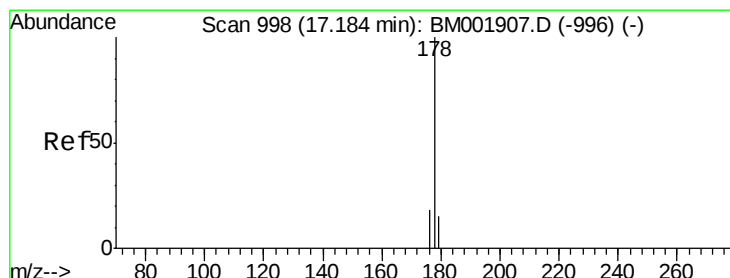
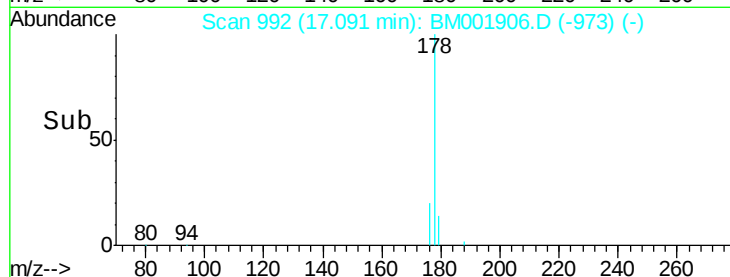
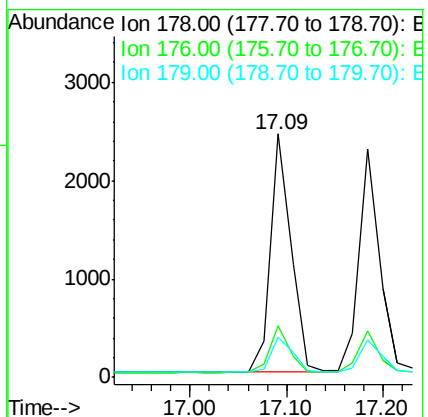
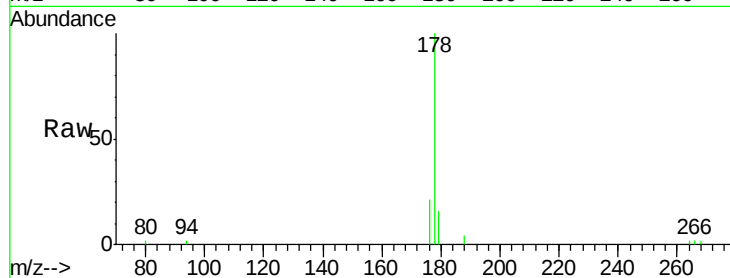
Tgt Ion:178 Resp: 3685

Ion Ratio Lower Upper

178 100

176 21.1 16.6 25.0

179 16.2 12.2 18.2



#13

Anthracene

Concen: 0.23 ng/ul

RT: 17.18 min Scan# 998

Delta R.T. 0.00 min

Lab File: BM001906.D

Acq: 13 Jul 2015 20:57

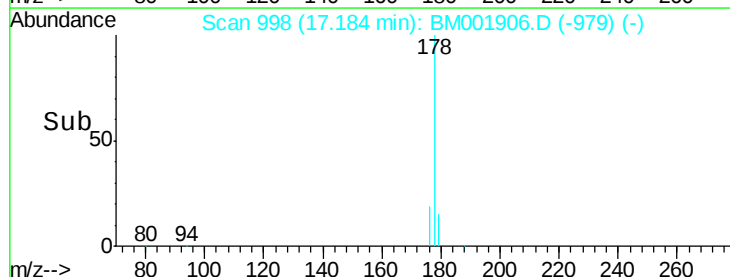
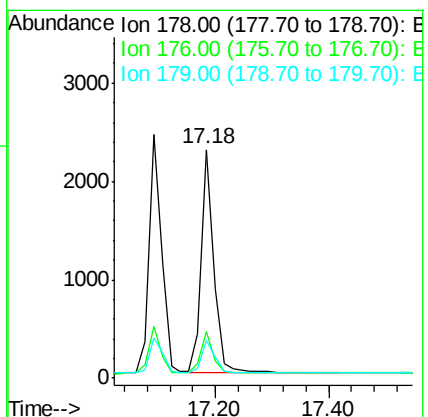
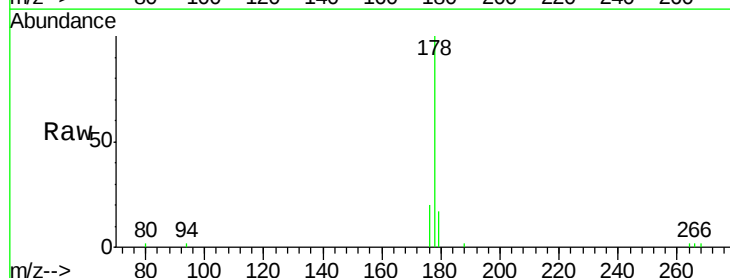
Tgt Ion:178 Resp: 3485

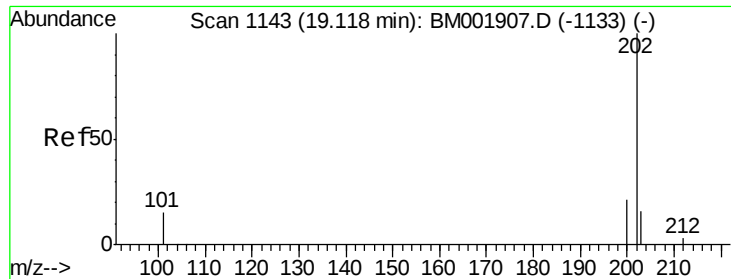
Ion Ratio Lower Upper

178 100

176 20.5 15.4 23.2

179 16.7 12.6 18.8

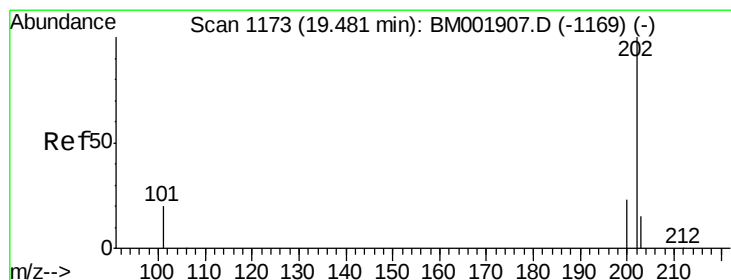
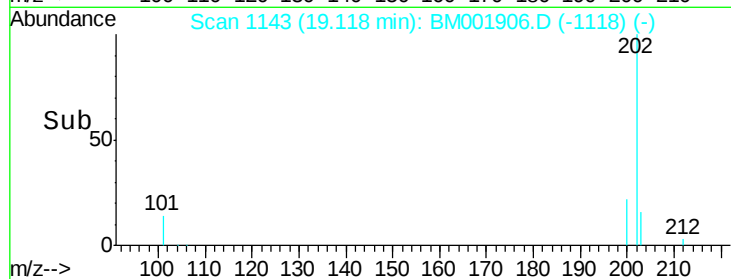
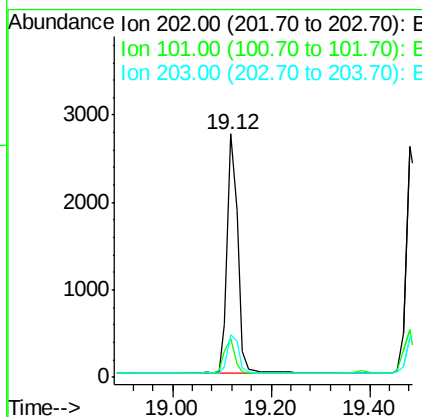
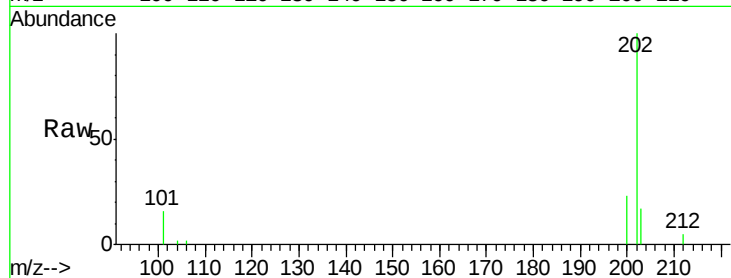




#15
Fluoranthene
 Concen: 0.23 ng/ul
 RT: 19.12 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BM001906.D
 Acq: 13 Jul 2015 20:57

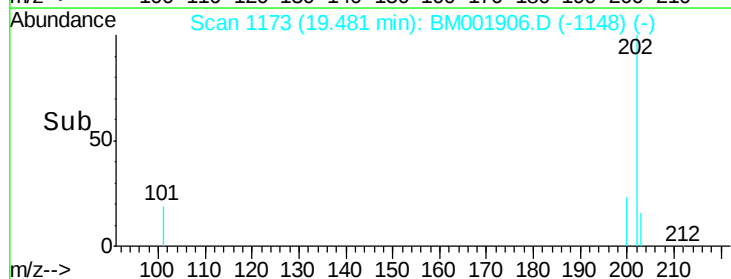
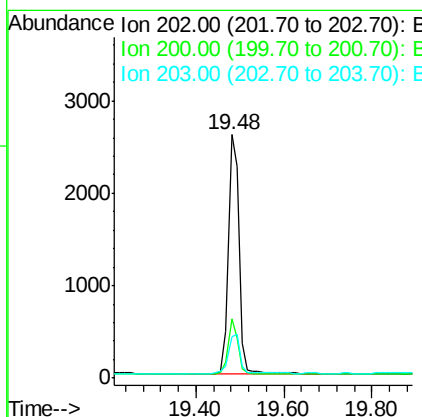
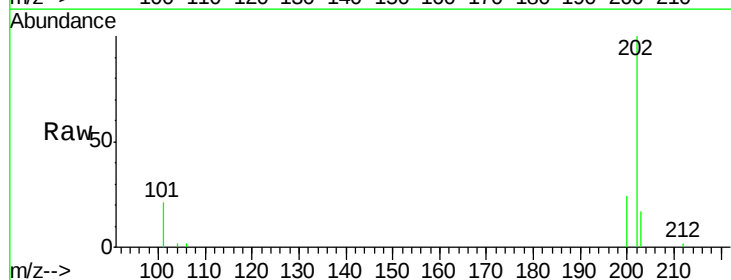
Instrument :
 BNA_M
 ClientSampleId :
 SST00.243

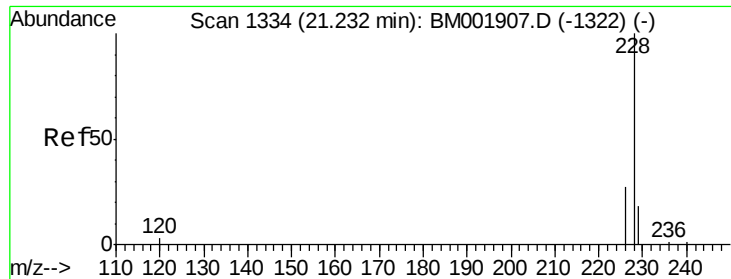
Tgt Ion:202 Resp: 4047
 Ion Ratio Lower Upper
 202 100
 101 15.9 0.0 35.3
 203 17.4 0.0 36.8



#17
Pyrene
 Concen: 0.22 ng/ul
 RT: 19.48 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BM001906.D
 Acq: 13 Jul 2015 20:57

Tgt Ion:202 Resp: 4174
 Ion Ratio Lower Upper
 202 100
 200 24.4 18.7 28.1
 203 17.2 13.0 19.4





#18

Benzo(a)anthracene

Concen: 0.23 ng/ul

RT: 21.23 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM001906.D

Acq: 13 Jul 2015 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD0.243

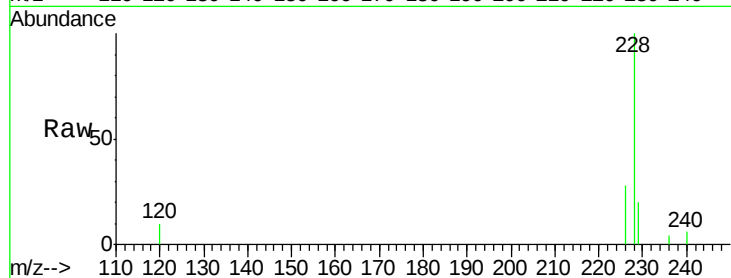
Tgt Ion:228 Resp: 3565

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

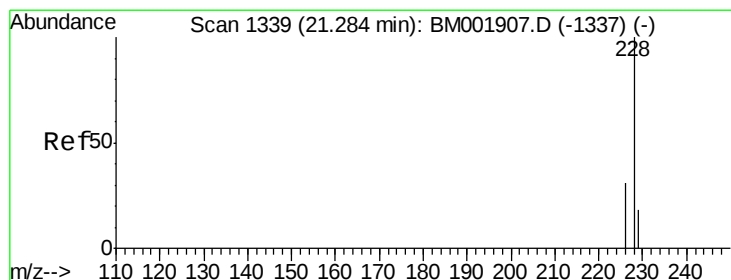
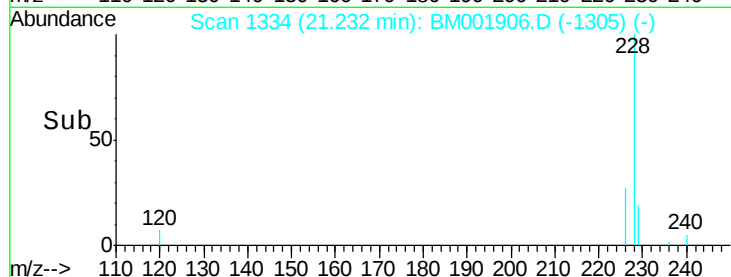
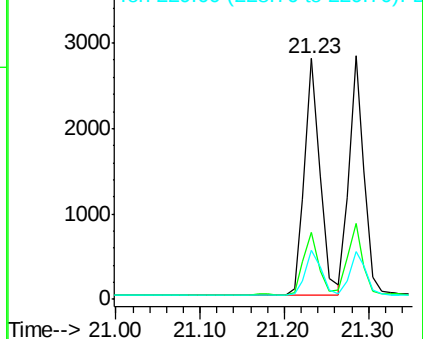
229 20.1 15.2 22.8



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



#19

Chrysene

Concen: 0.22 ng/ul

RT: 21.28 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BM001906.D

Acq: 13 Jul 2015 20:57

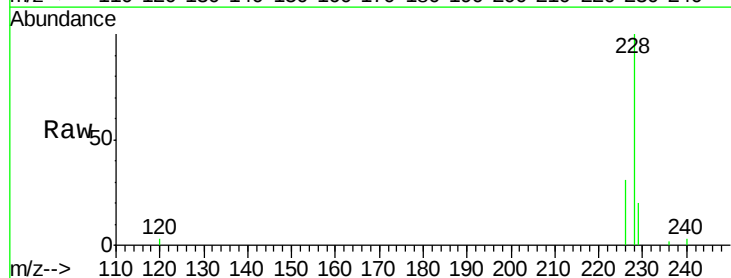
Tgt Ion:228 Resp: 3584

Ion Ratio Lower Upper

228 100

226 31.4 25.7 38.5

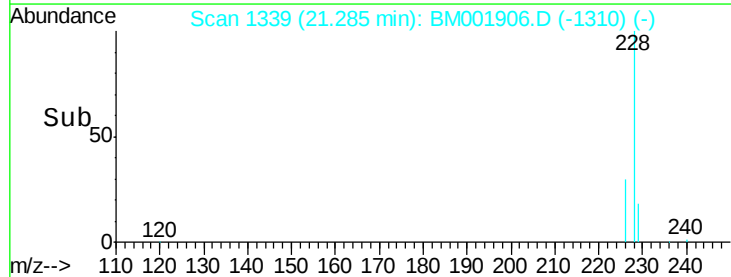
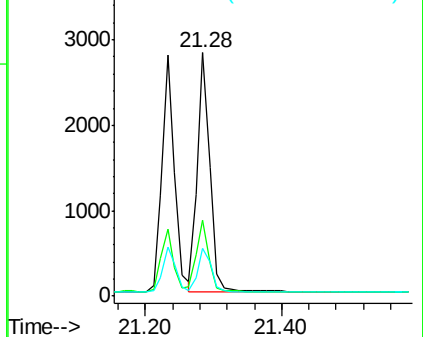
229 19.8 14.8 22.2

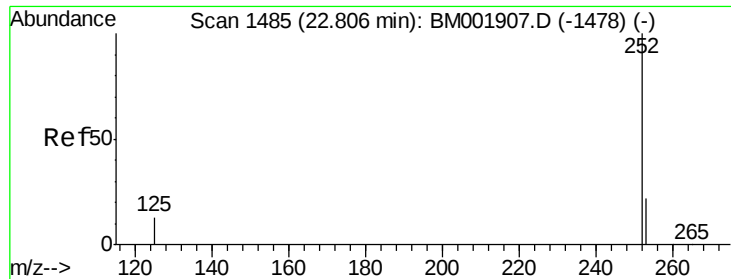


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.23 ng/u1

RT: 22.80 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BM001906.D

Acq: 13 Jul 2015 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD0.243

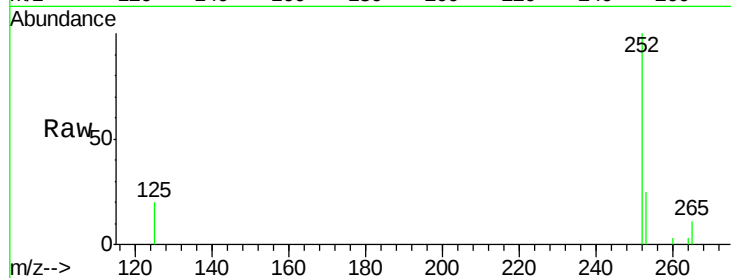
Tgt Ion:252 Resp: 3797

Ion Ratio Lower Upper

252 100

253 24.6 0.0 49.0

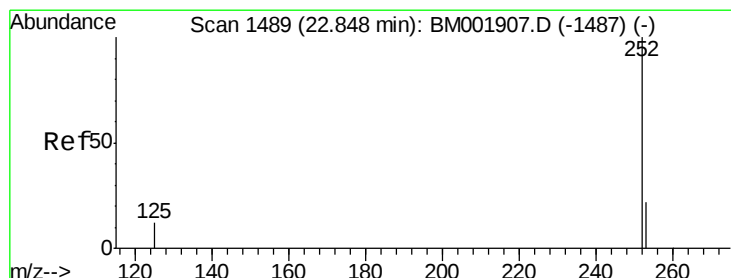
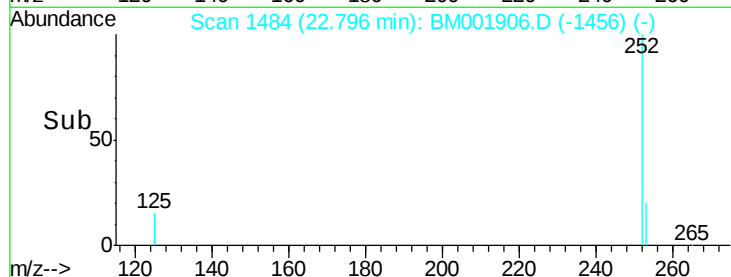
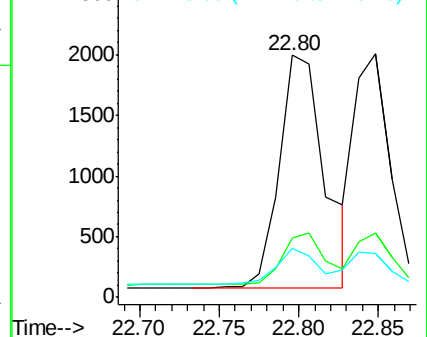
125 20.1 0.0 31.0



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



#22

Benzo(k)fluoranthene

Concen: 0.20 ng/u1

RT: 22.85 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM001906.D

Acq: 13 Jul 2015 20:57

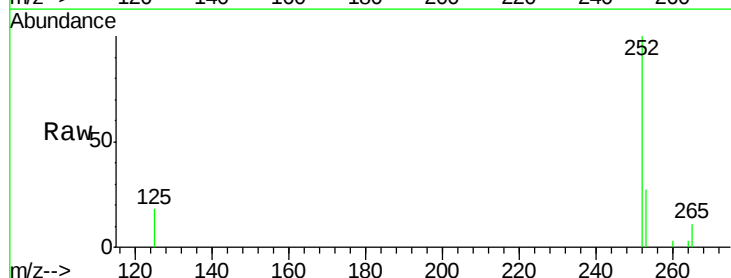
Tgt Ion:252 Resp: 3056

Ion Ratio Lower Upper

252 100

253 26.6 18.7 28.1

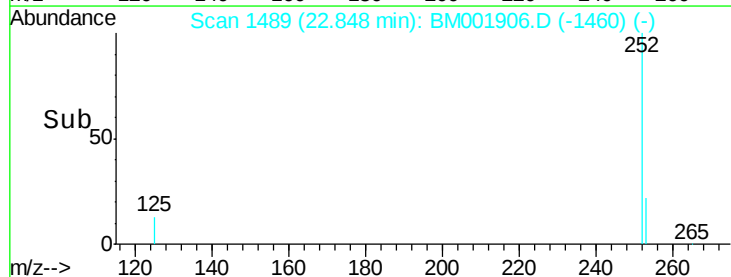
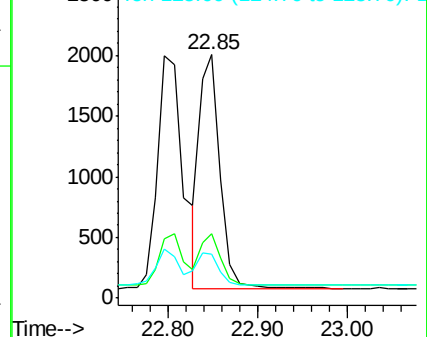
125 17.9 12.5 18.7

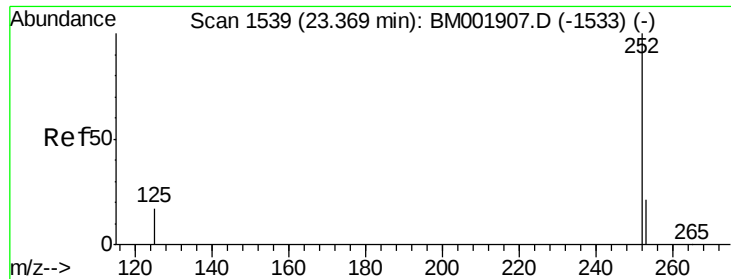


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.22 ng/ul

RT: 23.37 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM001906.D

Acq: 13 Jul 2015 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD0.243

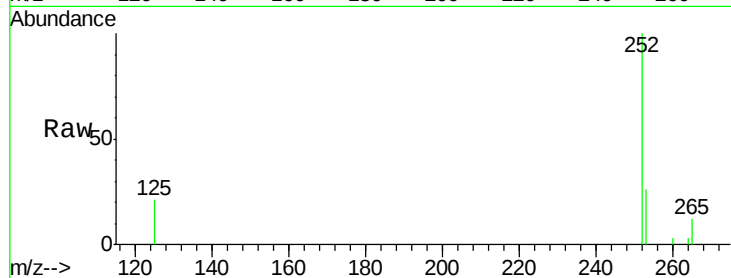
Tgt Ion:252 Resp: 3244

Ion Ratio Lower Upper

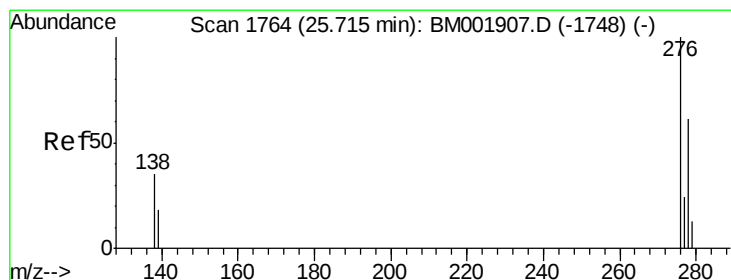
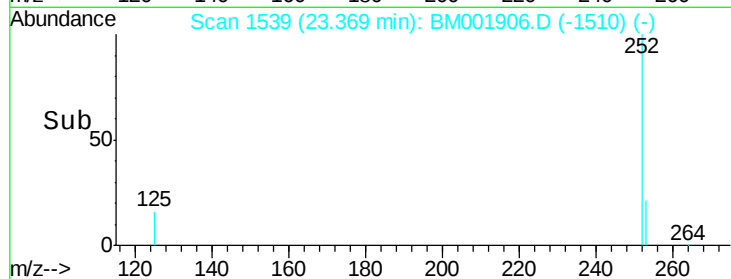
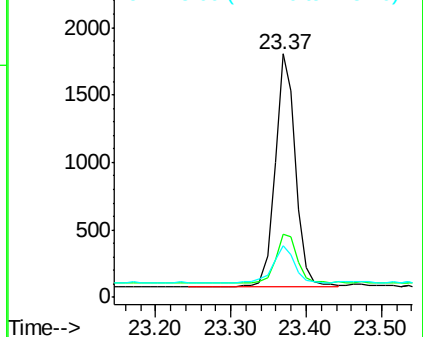
252 100

253 25.9 18.6 27.8

125 21.2 15.4 23.2



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

Indeno(1,2,3-cd)pyrene

Concen: 0.21 ng/ul

RT: 25.71 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BM001906.D

Acq: 13 Jul 2015 20:57

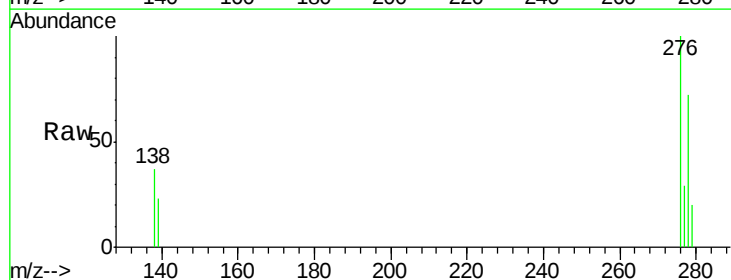
Tgt Ion:276 Resp: 3489

Ion Ratio Lower Upper

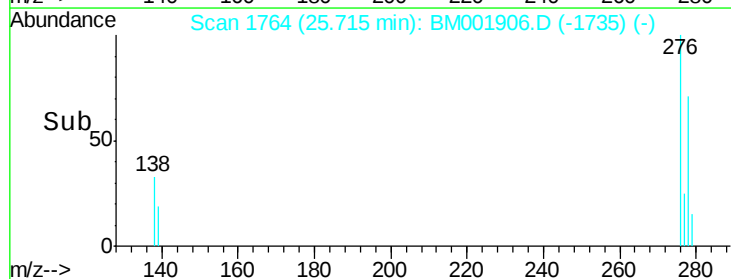
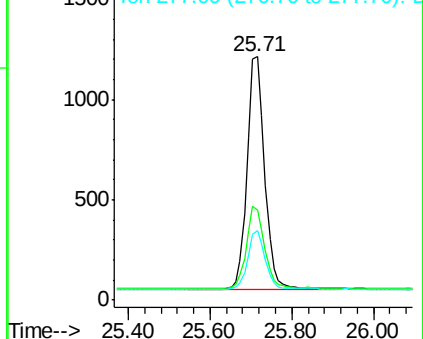
276 100

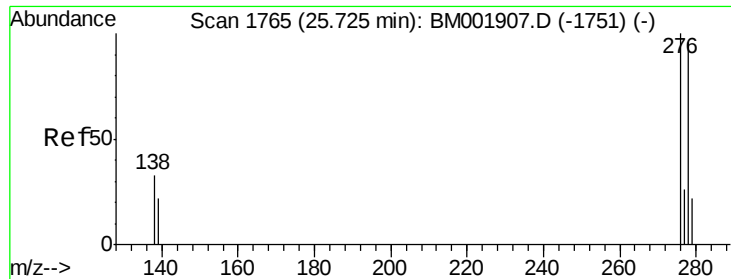
138 35.4 28.5 42.7

277 24.7 19.6 29.4



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



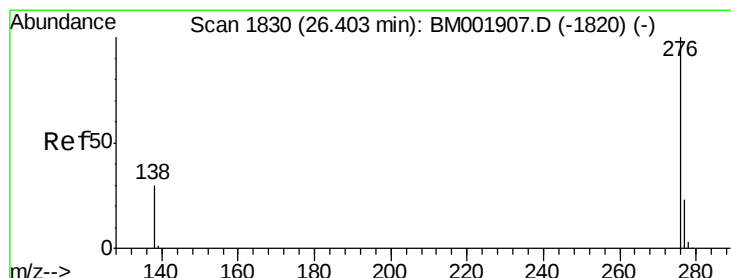
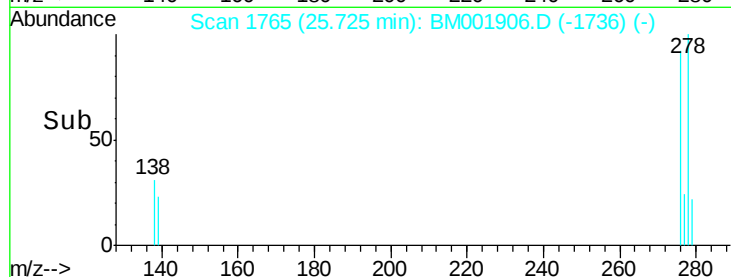
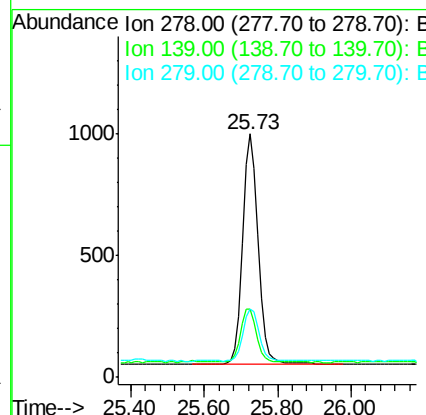
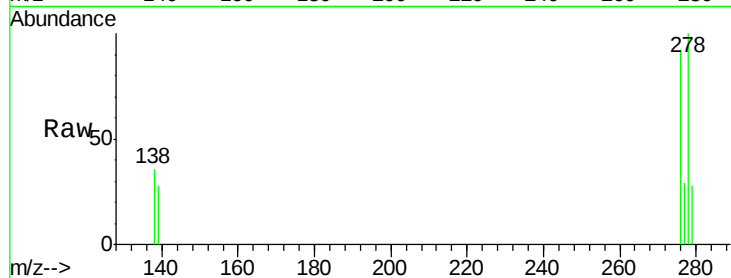


#25
Dibenzo(a,h)anthracene
Concen: 0.21 ng/ul
RT: 25.73 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BM001906.D
Acq: 13 Jul 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTD0.243

Tgt Ion: 278 Resp: 2801

Ion	Ratio	Lower	Upper
278	100		
139	27.8	20.6	31.0
279	28.0	20.3	30.5



#26
Benzo(g,h,i)perylene
Concen: 0.21 ng/ul
RT: 26.40 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BM001906.D
Acq: 13 Jul 2015 20:57

Tgt Ion: 276 Resp: 2988

Ion	Ratio	Lower	Upper
276	100		
277	28.0	20.1	30.1
138	33.9	25.5	38.3

