

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
 Data File : BM007910.D
 Acq On : 16 Nov 2016 01:27
 Operator : UM/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.463

Quant Time: Nov 16 07:46:19 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 07:43:19 2016
 Response via : Initial Calibration

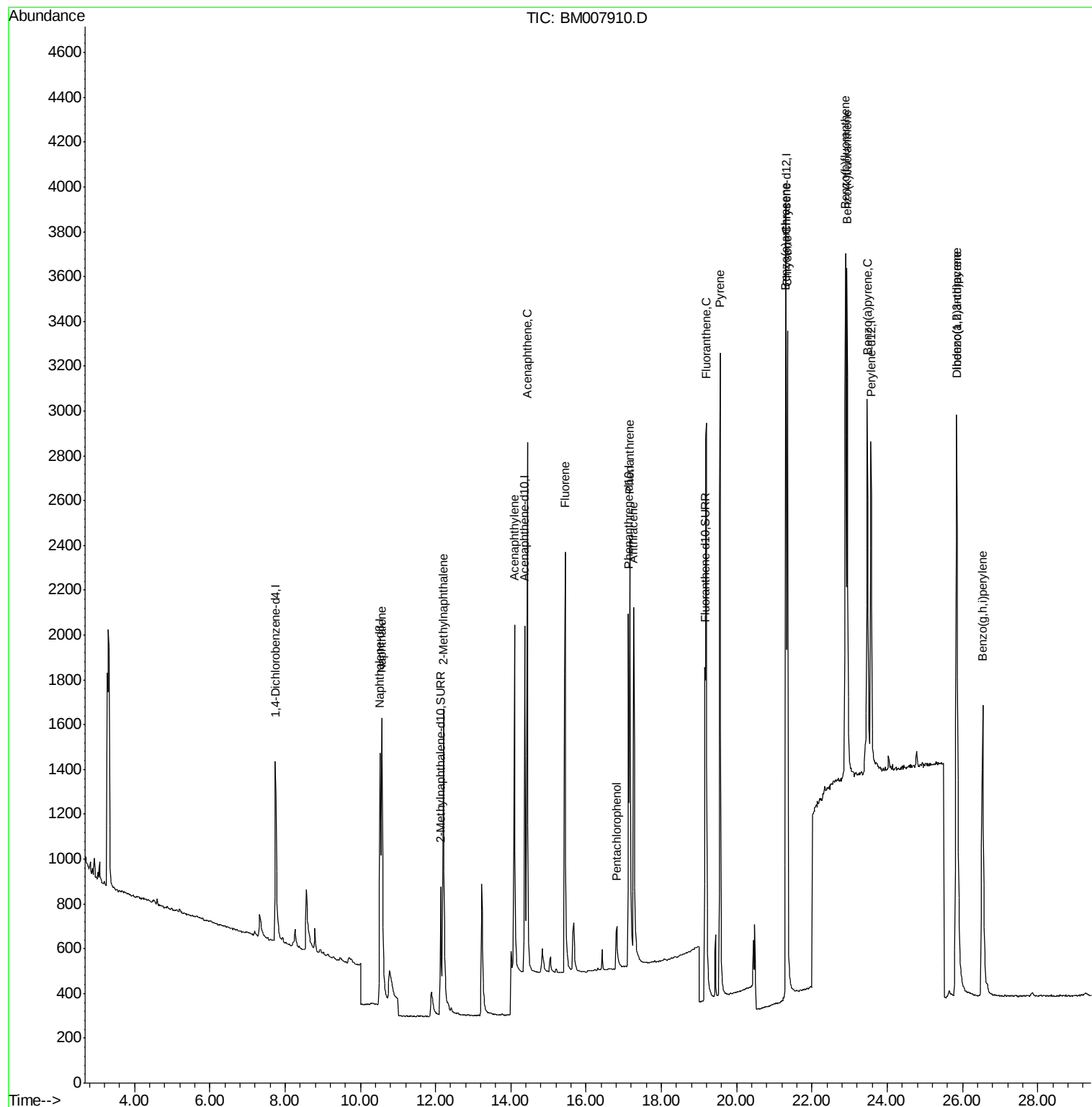
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	713	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	2338	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	1220	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	2493	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	2439	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	2319	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.13	152	1177	0.43	ng/ul	0.01
14) Fluoranthene-d10	19.16	212	2553	0.45	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	2513	0.42	ng/ul	97
5) 2-Methylnaphthalene	12.21	142	1593	0.42	ng/ul	98
7) Acenaphthylene	14.09	152	2299	0.40	ng/ul	98
8) Acenaphthene	14.43	153	1669	0.38	ng/ul	99
9) Fluorene	15.44	166	1867	0.38	ng/ul	100
11) Pentachlorophenol	16.82	266	282	0.48	ng/ul	97
12) Phenanthrene	17.16	178	2835	0.41	ng/ul	98
13) Anthracene	17.26	178	2704	0.43	ng/ul	100
15) Fluoranthene	19.19	202	3577	0.43	ng/ul	97
17) Pyrene	19.56	202	3604	0.43	ng/ul	98
18) Benzo(a)anthracene	21.30	228	3019	0.43	ng/ul	97
19) Chrysene	21.35	228	3378	0.43	ng/ul	93
21) Benzo(b)fluoranthene	22.89	252	3376	0.42	ng/ul	98
22) Benzo(k)fluoranthene	22.93	252	3507	0.42	ng/ul	99
23) Benzo(a)pyrene	23.47	252	3323	0.45	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.84	276	3994	0.45	ng/ul	97
25) Dibenzo(a,h)anthracene	25.85	278	3158	0.44	ng/ul	97
26) Benzo(g,h,i)perylene	26.54	276	3550	0.44	ng/ul	96

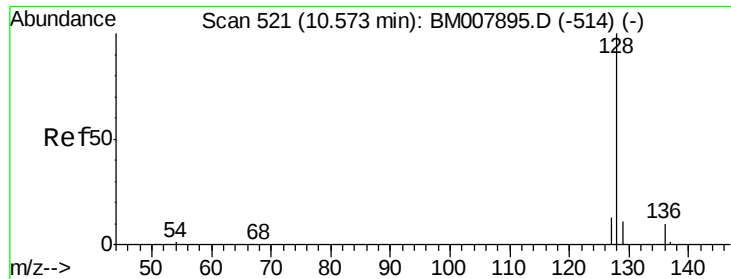
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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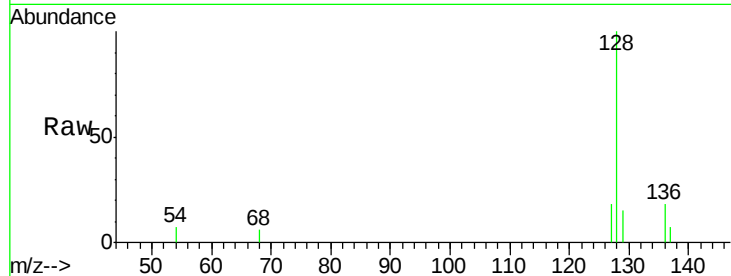




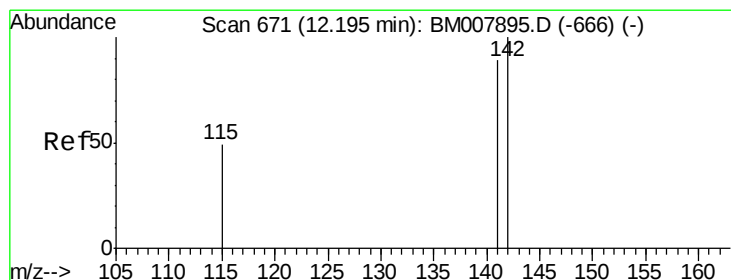
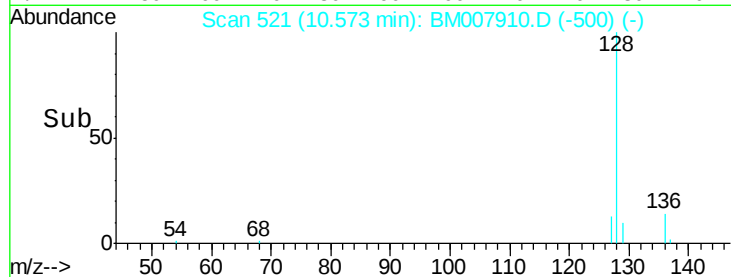
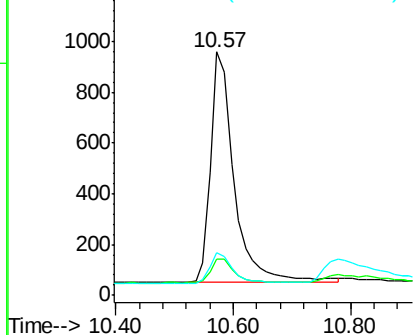
#3
Naphthalene
Concen: 0.42 ng/ul
RT: 10.57 min Scan# 521
Delta R.T. -0.00 min
Lab File: BM007910.D
Acq: 16 Nov 2016 01:27

Instrument :
BNA_M
ClientSampleId :
SSTD0.463

Tgt Ion:128 Resp: 2513
Ion Ratio Lower Upper
128 100
129 15.0 11.3 16.9
127 17.7 12.8 19.2

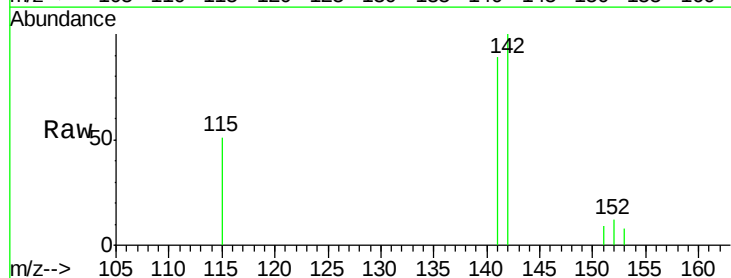


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

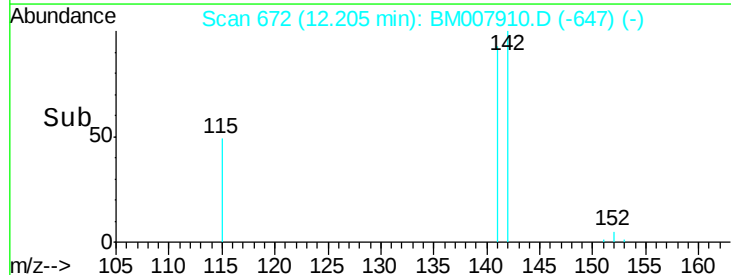
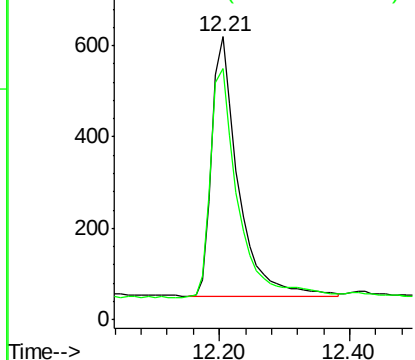


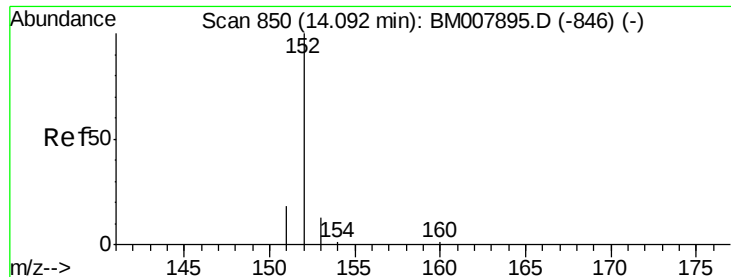
#5
2-Methylnaphthalene
Concen: 0.42 ng/ul
RT: 12.21 min Scan# 672
Delta R.T. 0.01 min
Lab File: BM007910.D
Acq: 16 Nov 2016 01:27

Tgt Ion:142 Resp: 1593
Ion Ratio Lower Upper
142 100
141 92.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 14.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM007910.D

Acq: 16 Nov 2016 01:27

Instrument :

BNA_M

ClientSampleId :

SSTD0.463

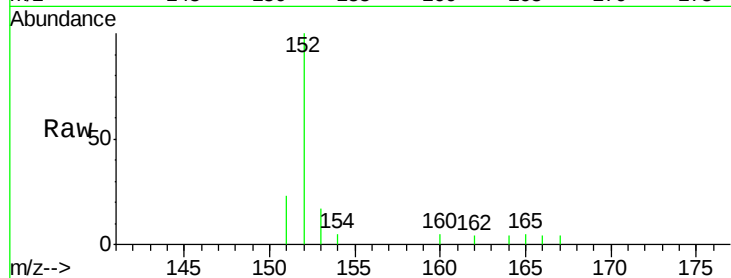
Tgt Ion:152 Resp: 2299

Ion Ratio Lower Upper

152 100

151 22.8 17.1 25.7

153 16.7 12.8 19.2



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

14.09

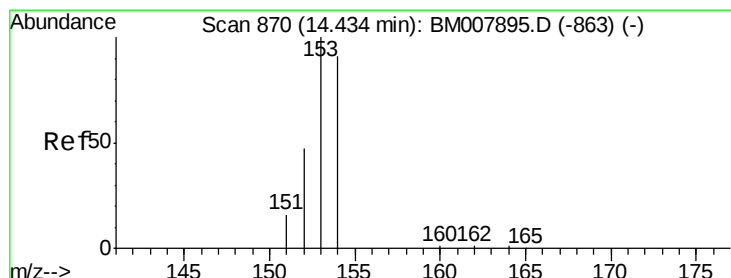
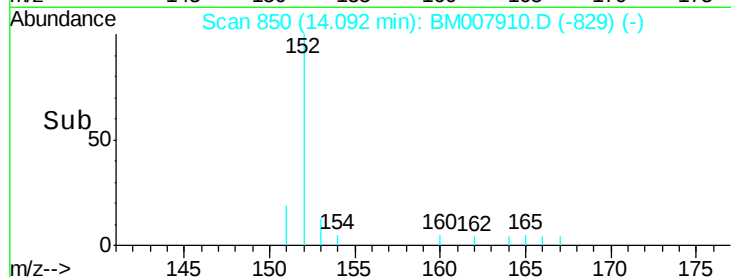
1000

500

0

Time-->

14.00 14.20



#8

Acenaphthene

Concen: 0.38 ng/ul

RT: 14.43 min Scan# 870

Delta R.T. -0.00 min

Lab File: BM007910.D

Acq: 16 Nov 2016 01:27

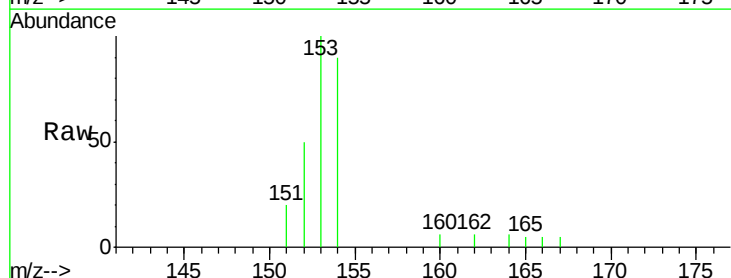
Tgt Ion:153 Resp: 1669

Ion Ratio Lower Upper

153 100

152 50.2 40.3 60.5

154 90.3 71.4 107.2



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

14.43

1200

1000

800

600

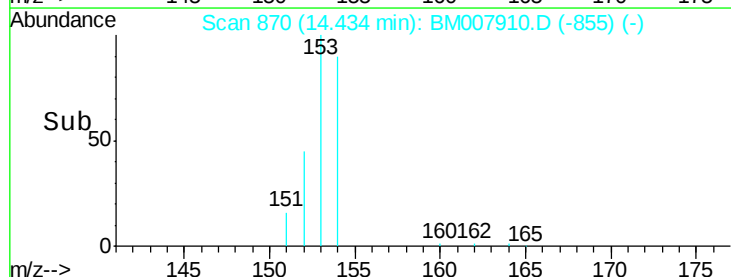
400

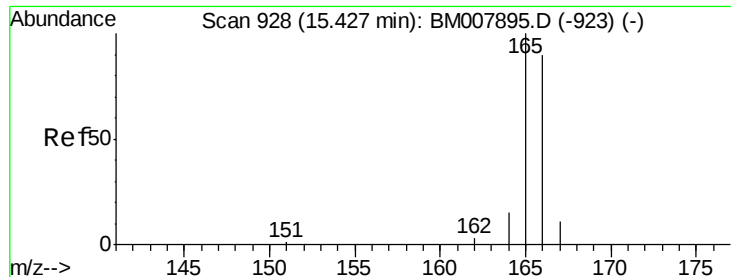
200

0

Time-->

14.40 14.60

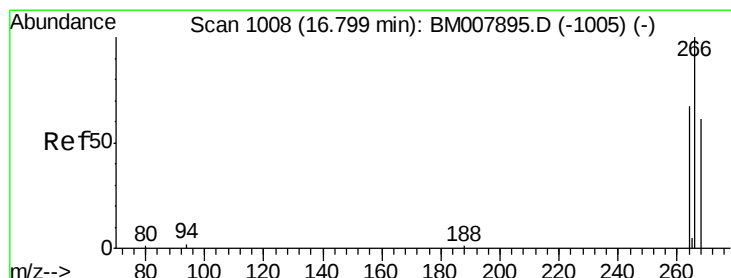
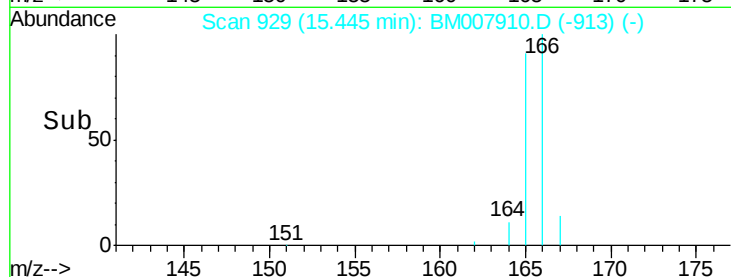
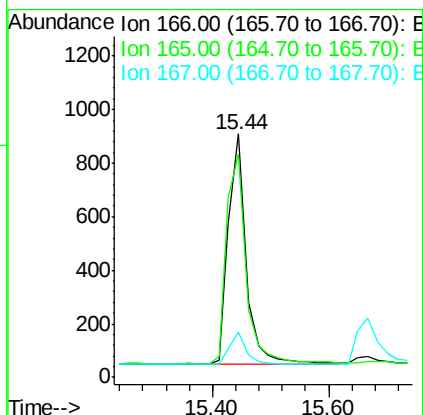
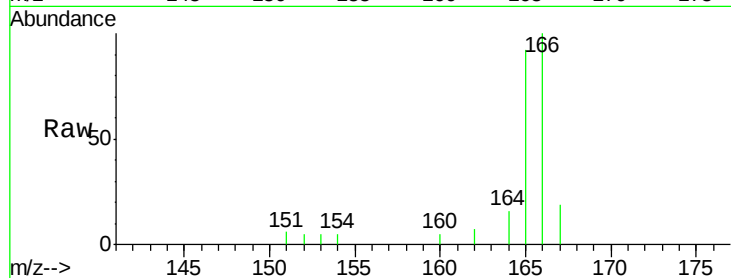




#9
Fluorene
 Concen: 0.38 ng/ul
 RT: 15.44 min Scan# 929
 Delta R.T. 0.02 min
 Lab File: BM007910.D
 Acq: 16 Nov 2016 01:27

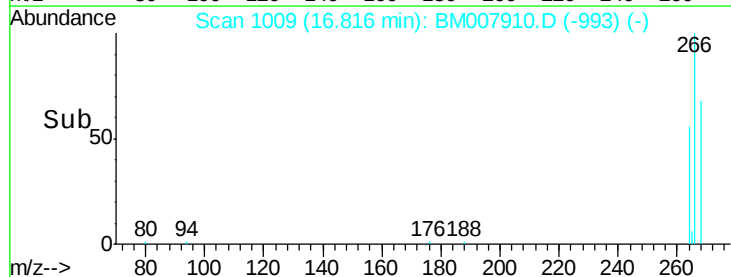
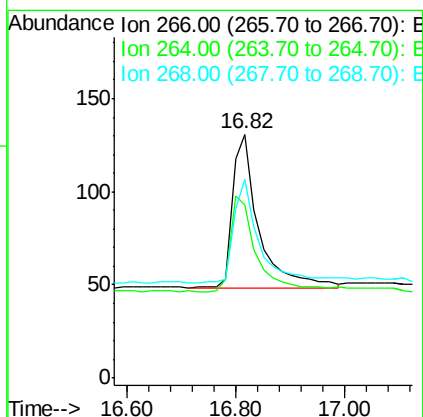
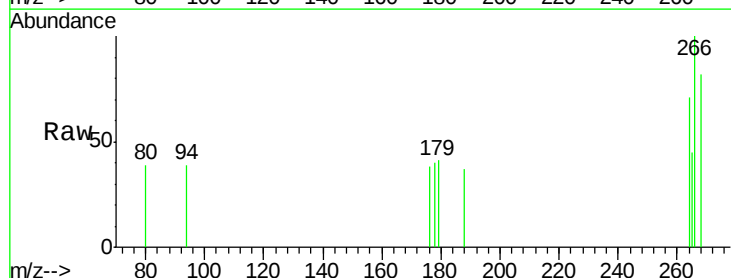
Instrument :
 BNA_M
 ClientSampleId :
 SST0.463

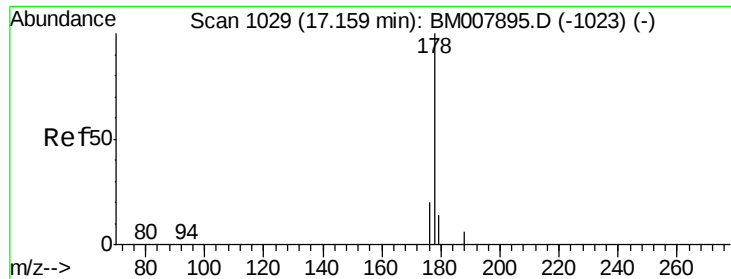
Tgt Ion:166 Resp: 1867
 Ion Ratio Lower Upper
 166 100
 165 91.5 73.4 110.2
 167 18.7 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.48 ng/ul
 RT: 16.82 min Scan# 1009
 Delta R.T. 0.02 min
 Lab File: BM007910.D
 Acq: 16 Nov 2016 01:27

Tgt Ion:266 Resp: 282
 Ion Ratio Lower Upper
 266 100
 264 62.4 47.9 71.9
 268 64.5 49.8 74.8





#12

Phenanthrene

Concen: 0.41 ng/ul

RT: 17.16 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BM007910.D

Acq: 16 Nov 2016 01:27

Instrument :

BNA_M

ClientSampleId :

SSTD0.463

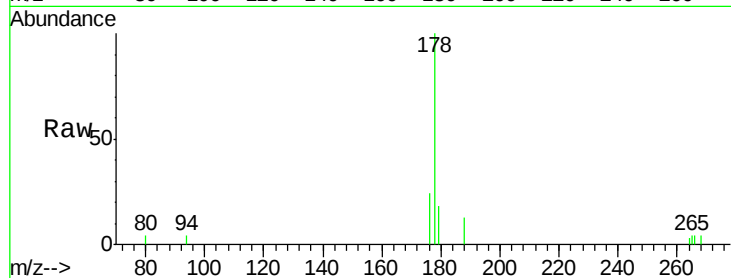
Tgt Ion:178 Resp: 2835

Ion Ratio Lower Upper

178 100

176 24.0 18.4 27.6

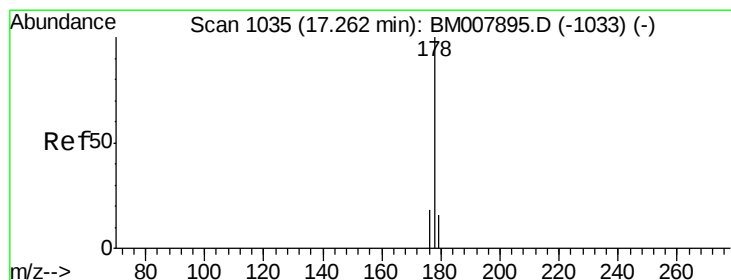
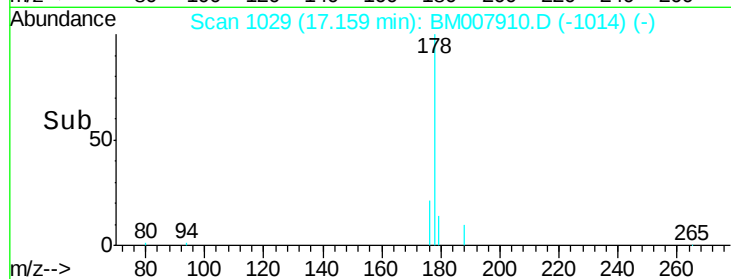
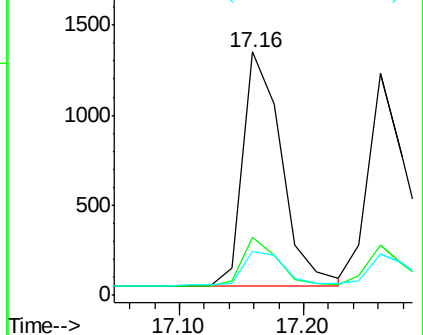
179 18.0 13.6 20.4



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



#13

Anthracene

Concen: 0.43 ng/ul

RT: 17.26 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BM007910.D

Acq: 16 Nov 2016 01:27

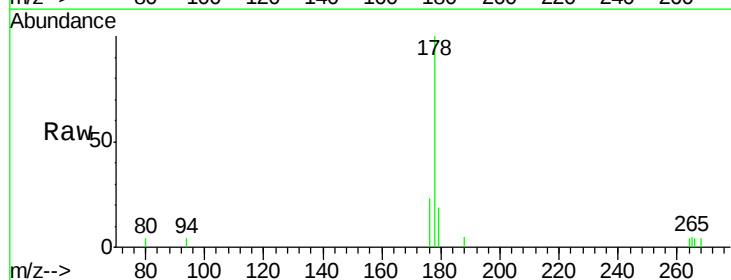
Tgt Ion:178 Resp: 2704

Ion Ratio Lower Upper

178 100

176 22.8 18.1 27.1

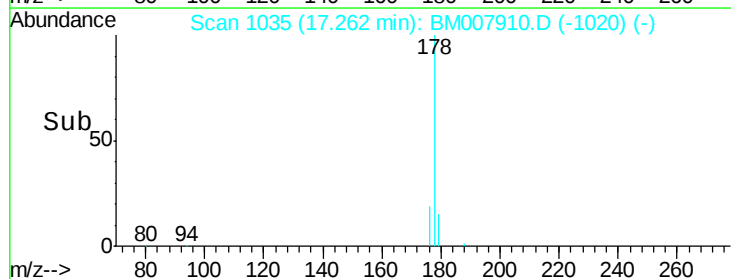
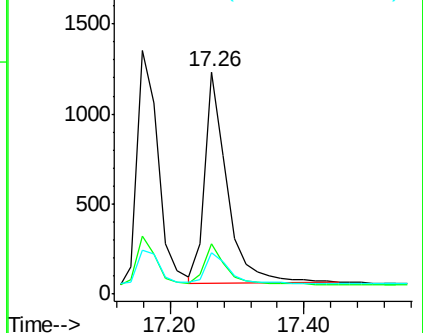
179 18.6 14.7 22.1

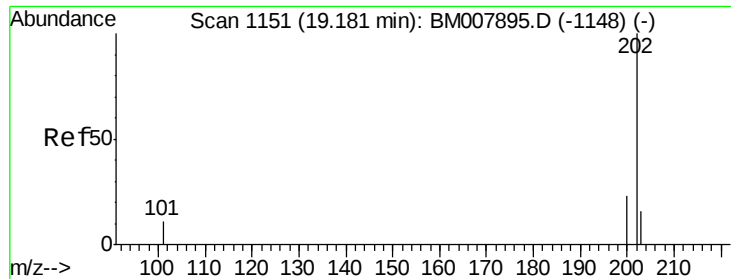


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.43 ng/ul

RT: 19.19 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BM007910.D

Acq: 16 Nov 2016 01:27

Instrument :

BNA_M

ClientSampleId :

SSTD0.463

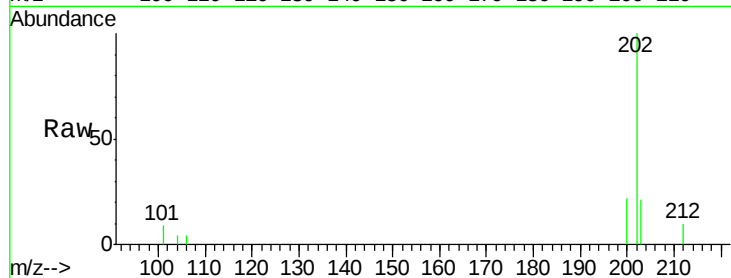
Tgt Ion:202 Resp: 3577

Ion Ratio Lower Upper

202 100

101 8.7 0.0 30.3

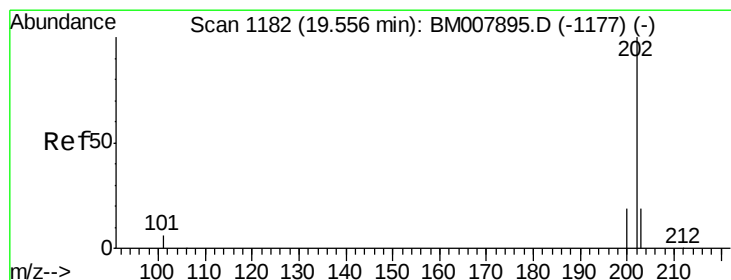
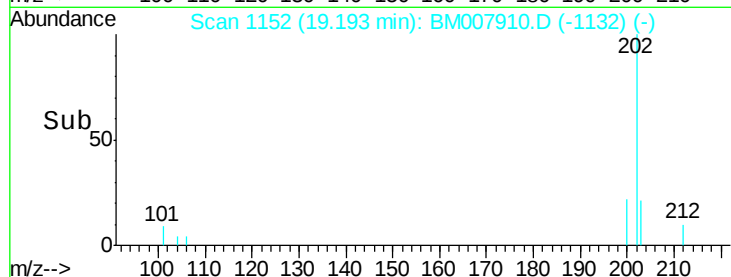
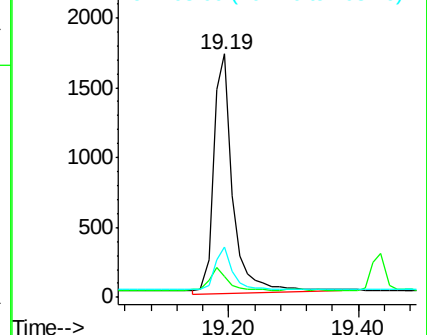
203 20.7 0.0 39.5



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



#17

Pyrene

Concen: 0.43 ng/ul

RT: 19.56 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BM007910.D

Acq: 16 Nov 2016 01:27

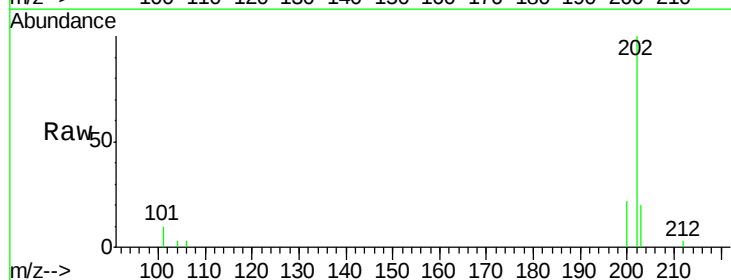
Tgt Ion:202 Resp: 3604

Ion Ratio Lower Upper

202 100

200 21.8 18.2 27.4

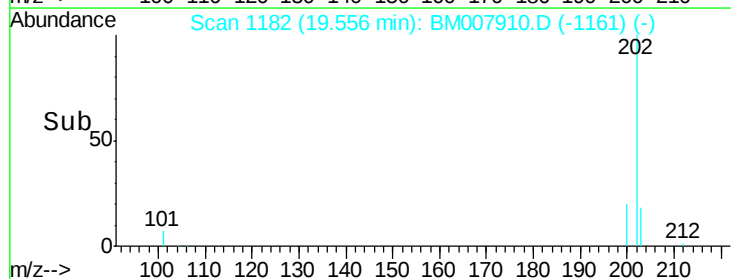
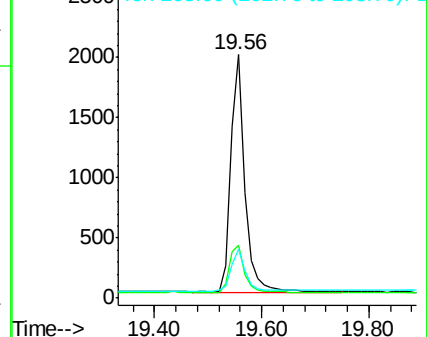
203 20.0 15.6 23.4

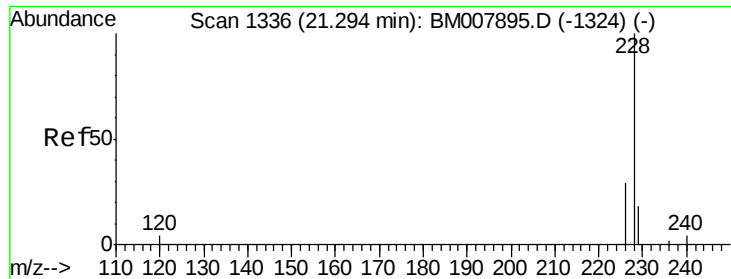


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.43 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BM007910.D

Acq: 16 Nov 2016 01:27

Instrument :

BNA_M

ClientSampleId :

SSTD0.463

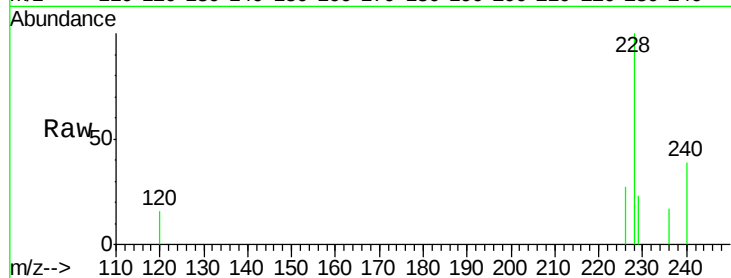
Tgt Ion:228 Resp: 3019

Ion Ratio Lower Upper

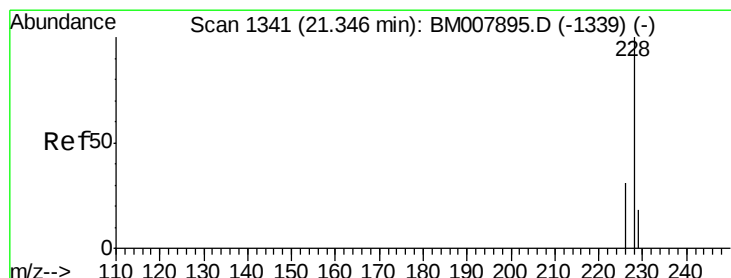
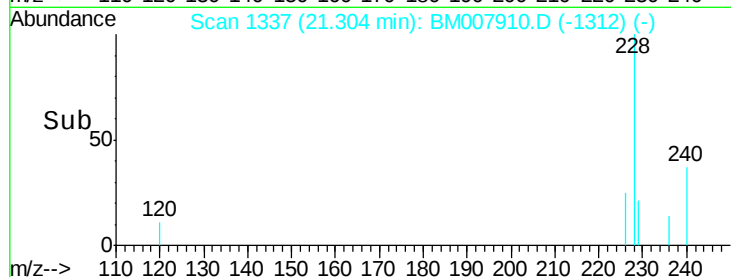
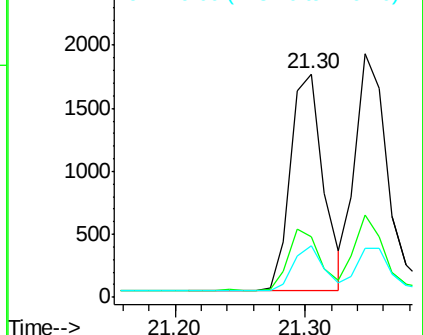
228 100

226 27.3 22.8 34.2

229 23.1 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



#19

Chrysene

Concen: 0.43 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM007910.D

Acq: 16 Nov 2016 01:27

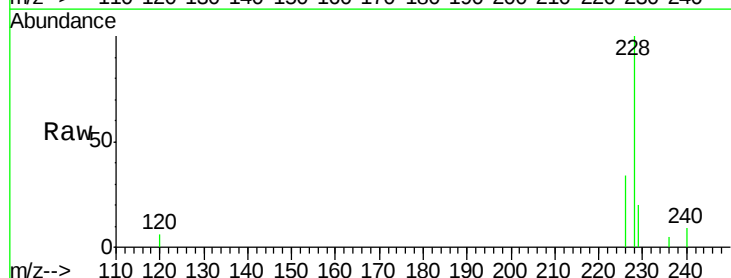
Tgt Ion:228 Resp: 3378

Ion Ratio Lower Upper

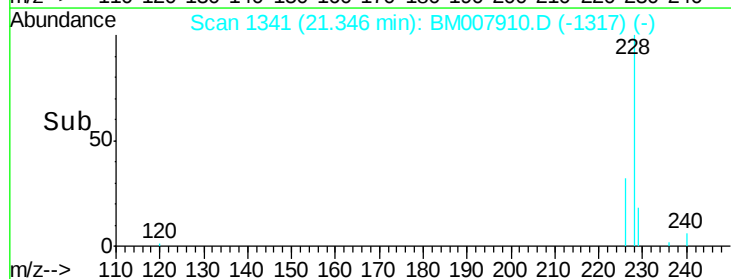
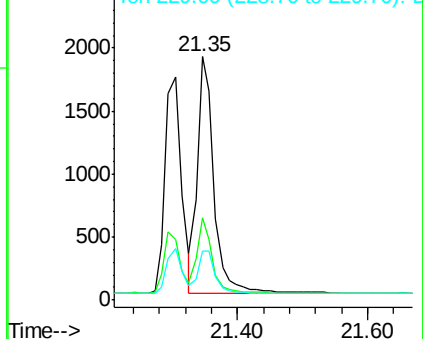
228 100

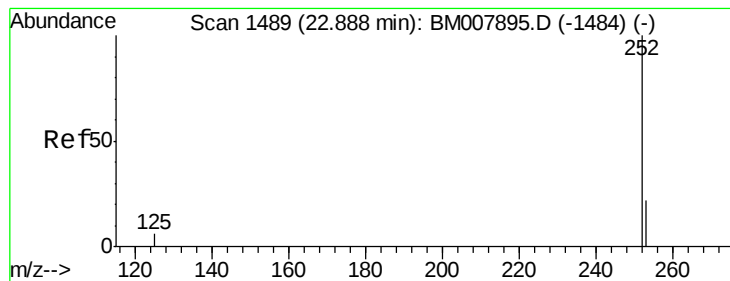
226 33.9 23.4 35.0

229 20.1 17.7 26.5



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: 0.42 ng/ul

RT: 22.89 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BM007910.D

Acq: 16 Nov 2016 01:27

Instrument :

BNA_M

ClientSampleId :

SSTD0.463

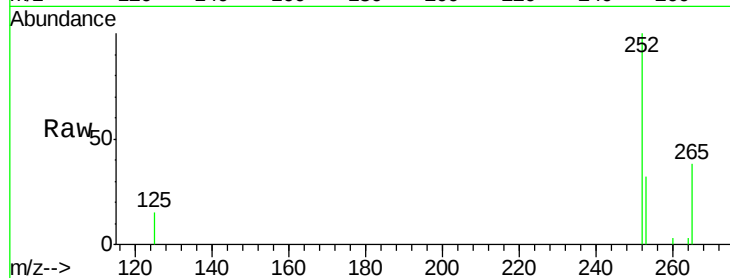
Tgt Ion:252 Resp: 3376

Ion Ratio Lower Upper

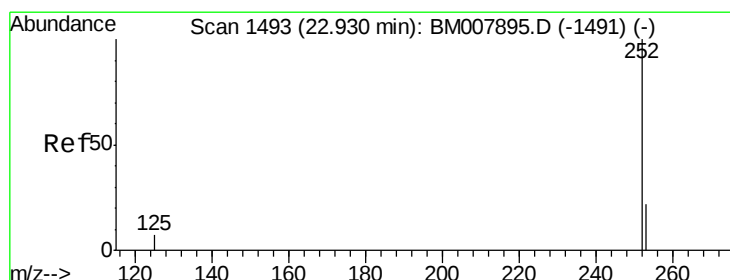
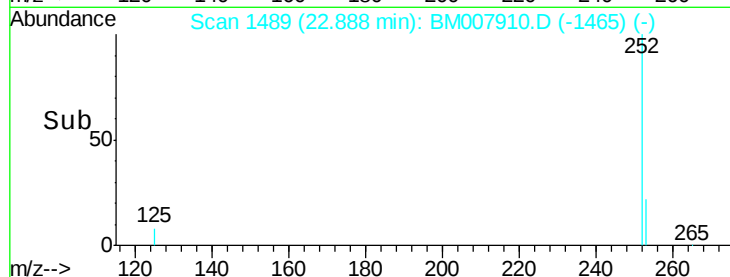
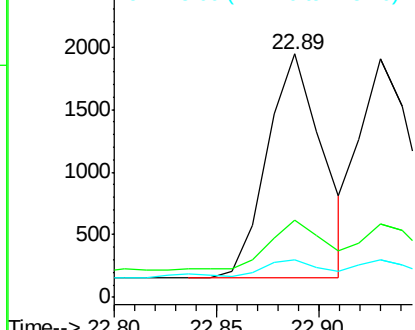
252 100

253 31.8 0.0 64.2

125 15.4 0.0 35.0



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: 0.42 ng/ul

RT: 22.93 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BM007910.D

Acq: 16 Nov 2016 01:27

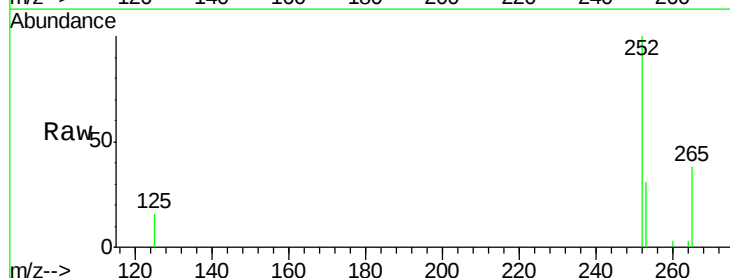
Tgt Ion:252 Resp: 3507

Ion Ratio Lower Upper

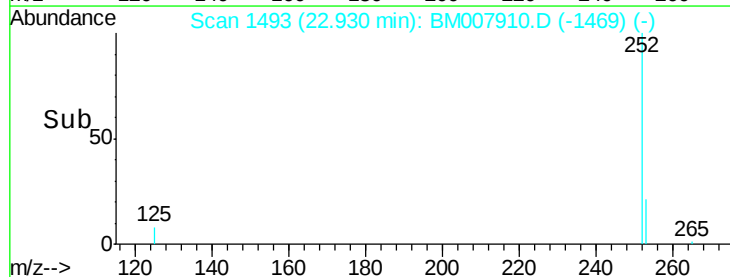
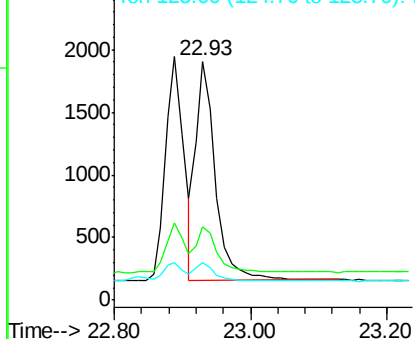
252 100

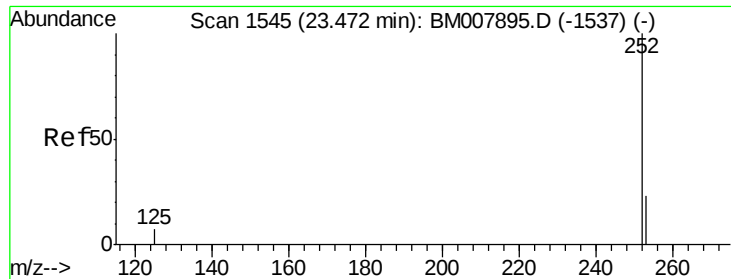
253 30.9 24.5 36.7

125 15.7 13.7 20.5



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: 0.45 ng/ul

RT: 23.47 min Scan# 1545

Delta R.T. -0.00 min

Lab File: BM007910.D

Acq: 16 Nov 2016 01:27

Instrument :

BNA_M

ClientSampleId :

SSTD0.463

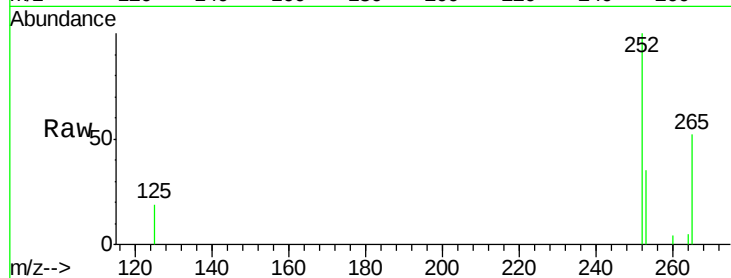
Tgt Ion:252 Resp: 3323

Ion Ratio Lower Upper

252 100

253 35.5 28.5 42.7

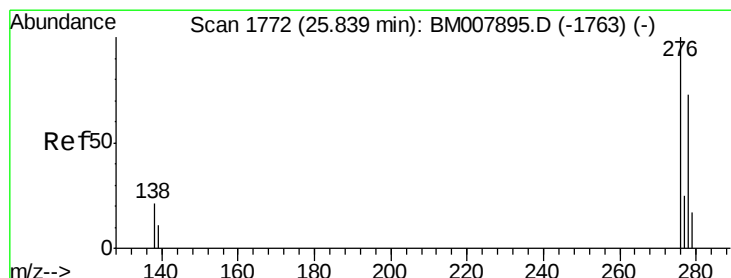
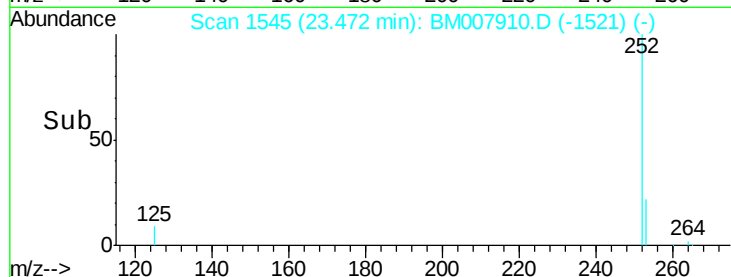
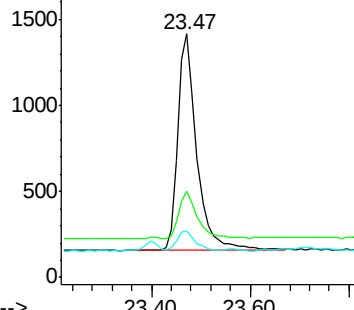
125 18.9 18.1 27.1



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.45 ng/ul

RT: 25.84 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BM007910.D

Acq: 16 Nov 2016 01:27

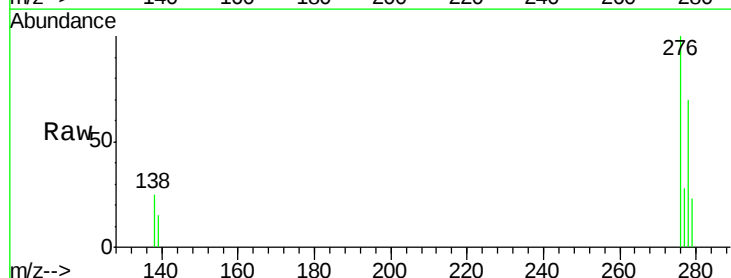
Tgt Ion:276 Resp: 3994

Ion Ratio Lower Upper

276 100

138 21.0 19.1 28.7

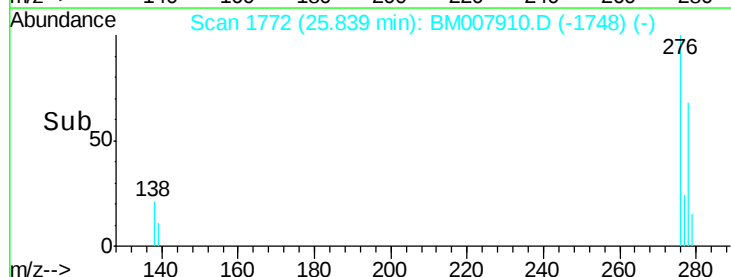
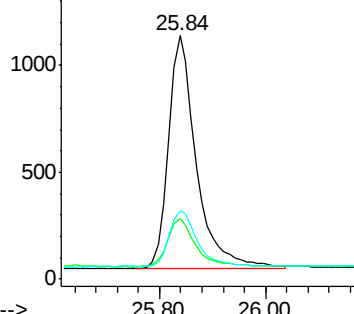
277 24.5 19.6 29.4

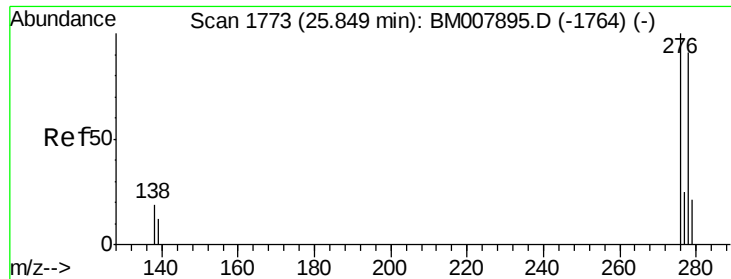


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

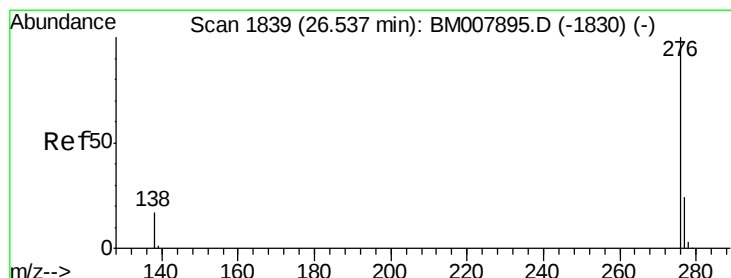
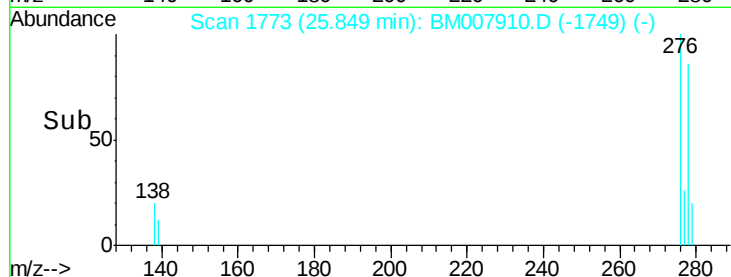
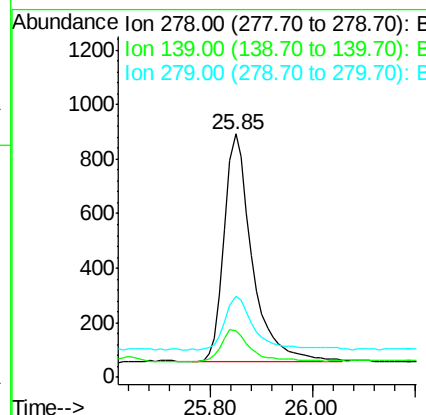
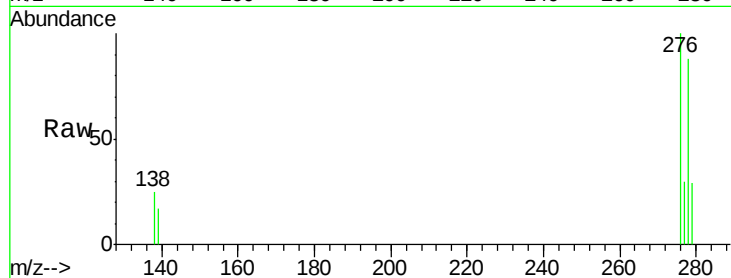




#25
Dibenzo(a,h)anthracene
Concen: 0.44 ng/ul
RT: 25.85 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BM007910.D
Acq: 16 Nov 2016 01:27

Instrument :
BNA_M
ClientSampleId :
SSTD0.463

Tgt Ion: 278 Resp: 3158
Ion Ratio Lower Upper
278 100
139 19.3 17.4 26.0
279 33.5 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.44 ng/ul
RT: 26.54 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BM007910.D
Acq: 16 Nov 2016 01:27

Tgt Ion: 276 Resp: 3550
Ion Ratio Lower Upper
276 100
277 28.4 21.8 32.8
138 22.6 20.5 30.7

