

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
 Data File : BM007895.D
 Acq On : 15 Nov 2016 16:36
 Operator : UM/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.462

Quant Time: Nov 16 01:23:06 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 01:19:46 2016
 Response via : Initial Calibration

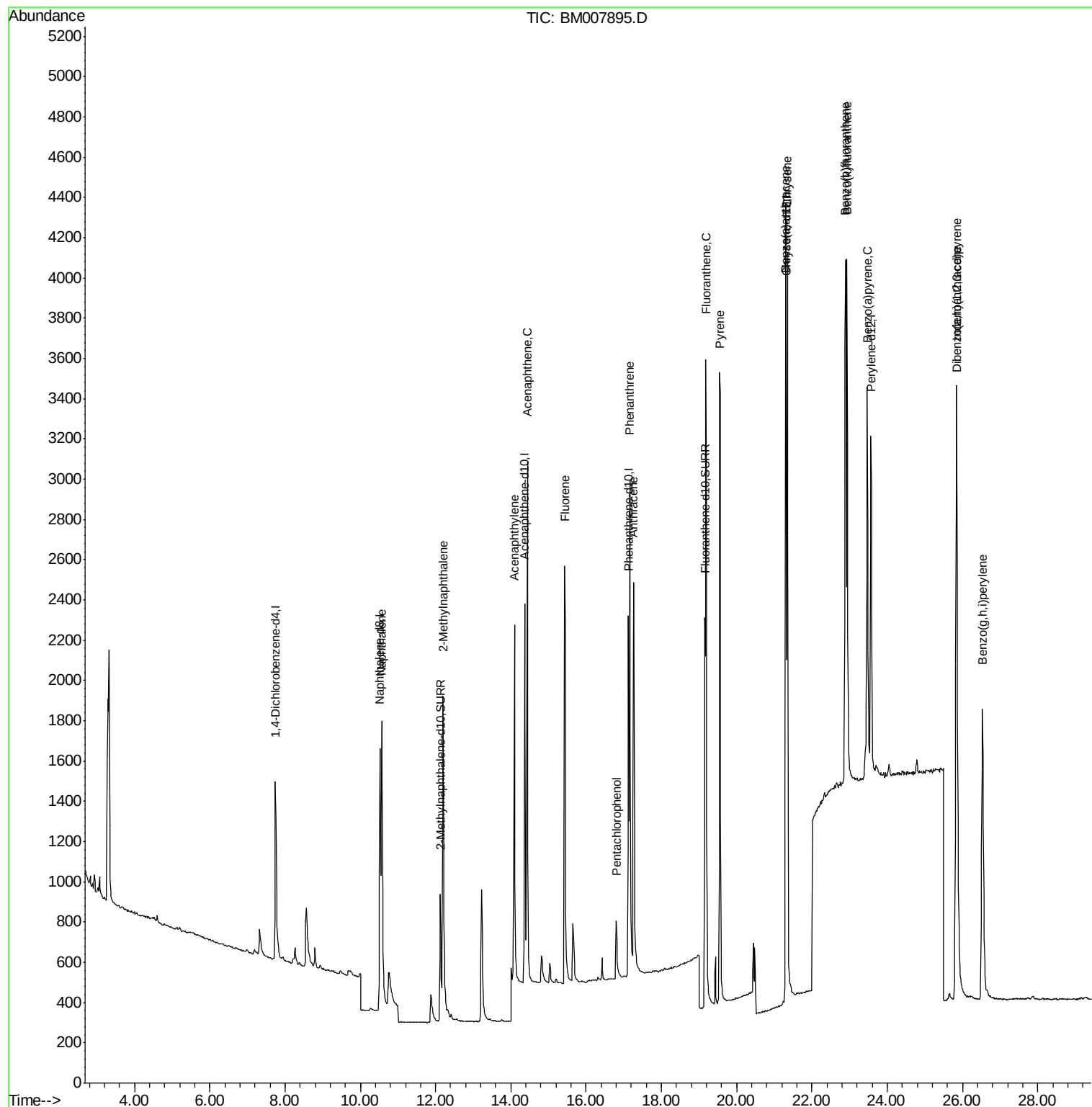
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	758	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	2491	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	1389	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	2800	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	2796	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	2639	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	1302	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	2909	0.46	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	2630	0.41	ng/ul	98
5) 2-Methylnaphthalene	12.19	142	1729	0.43	ng/ul	99
7) Acenaphthylene	14.09	152	2531	0.39	ng/ul	99
8) Acenaphthene	14.43	153	1843	0.37	ng/ul	99
9) Fluorene	15.43	166	2087	0.38	ng/ul#	83
11) Pentachlorophenol	16.80	266	329	0.50	ng/ul	98
12) Phenanthrene	17.16	178	3196	0.41	ng/ul	99
13) Anthracene	17.26	178	3055	0.43	ng/ul	98
15) Fluoranthene	19.18	202	3986	0.43	ng/ul	96
17) Pyrene	19.56	202	4011	0.42	ng/ul	96
18) Benzo(a)anthracene	21.29	228	3515	0.44	ng/ul	96
19) Chrysene	21.35	228	3698	0.41	ng/ul	95
21) Benzo(b)fluoranthene	22.89	252	3950	0.43	ng/ul	97
22) Benzo(k)fluoranthene	22.93	252	3768	0.40	ng/ul	98
23) Benzo(a)pyrene	23.47	252	3685	0.44	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.84	276	4421	0.43	ng/ul	97
25) Dibenzo(a,h)anthracene	25.85	278	3495	0.43	ng/ul	98
26) Benzo(g,h,i)perylene	26.54	276	3846	0.42	ng/ul	96

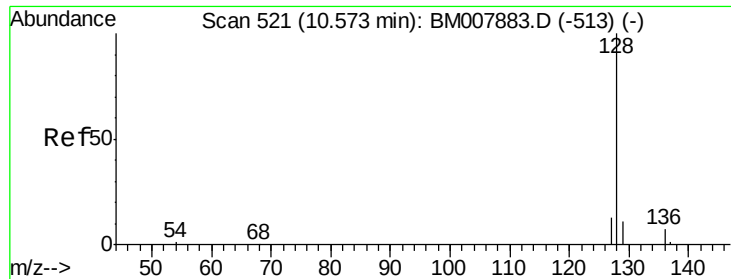
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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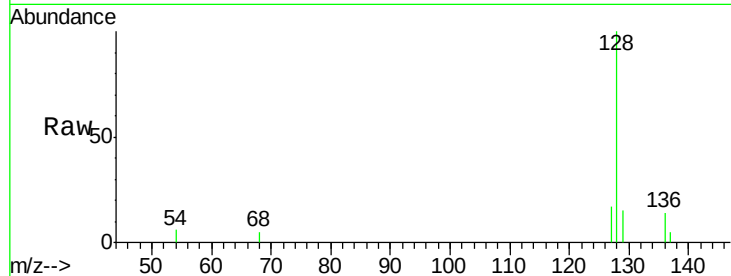




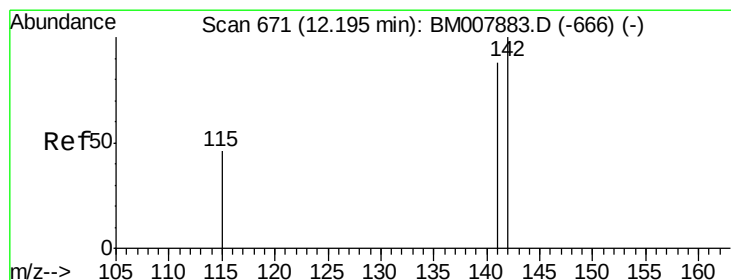
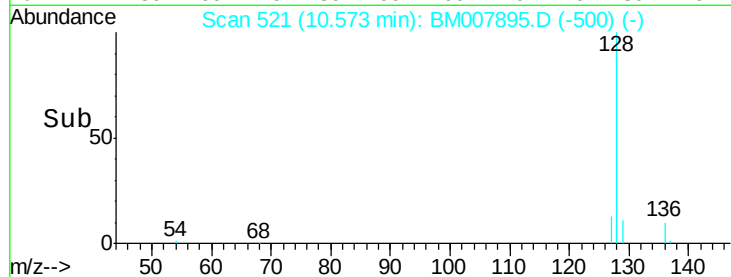
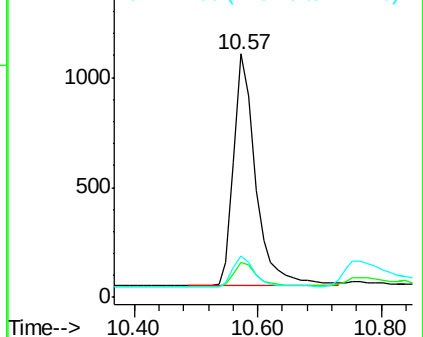
#3
Naphthalene
Concen: 0.41 ng/ul
RT: 10.57 min Scan# 521
Delta R.T. 0.00 min
Lab File: BM007895.D
Acq: 15 Nov 2016 16:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.462

Tgt Ion:128 Resp: 2630
Ion Ratio Lower Upper
128 100
129 14.6 11.3 16.9
127 17.1 12.8 19.2

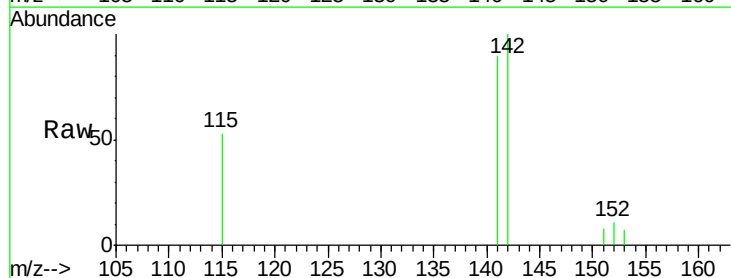


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

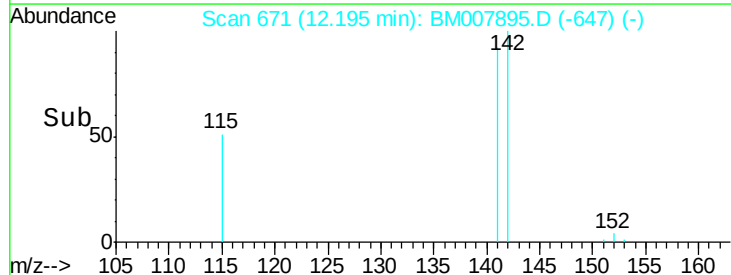
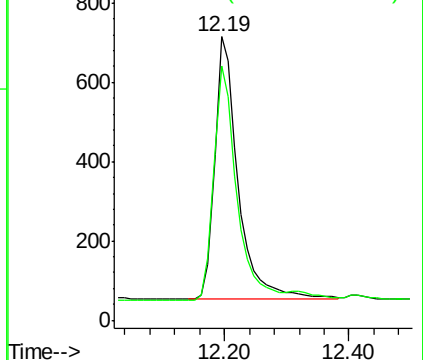


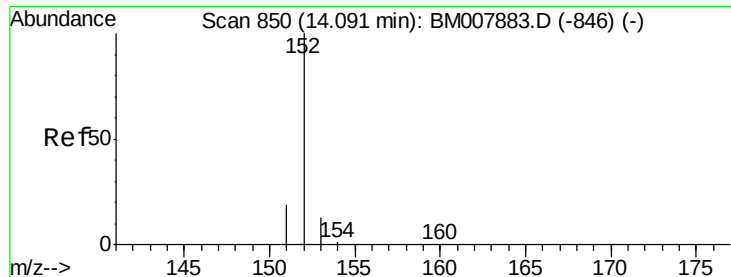
#5
2-Methylnaphthalene
Concen: 0.43 ng/ul
RT: 12.19 min Scan# 671
Delta R.T. 0.00 min
Lab File: BM007895.D
Acq: 15 Nov 2016 16:36

Tgt Ion:142 Resp: 1729
Ion Ratio Lower Upper
142 100
141 92.0 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: 0.39 ng/ul

RT: 14.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BM007895.D

Acq: 15 Nov 2016 16:36

Instrument :

BNA_M

ClientSampleId :

SSTD0.462

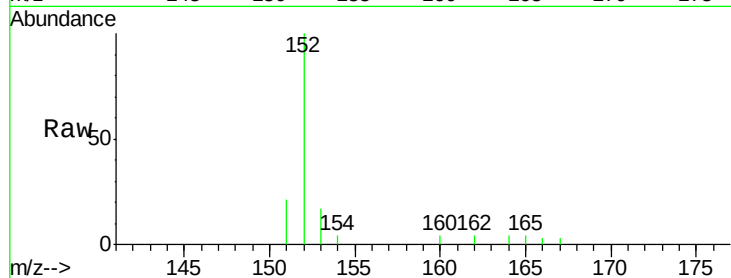
Tgt Ion:152 Resp: 2531

Ion Ratio Lower Upper

152 100

151 21.4 17.1 25.7

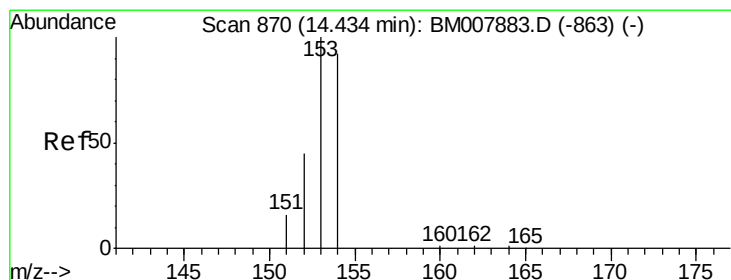
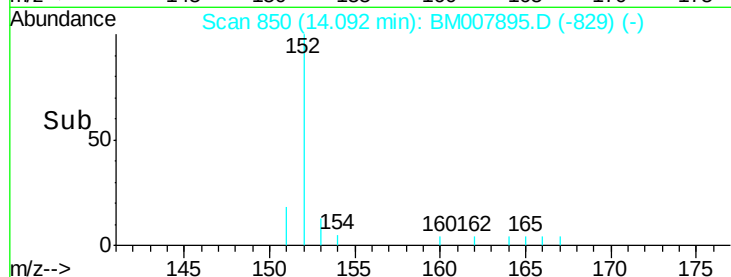
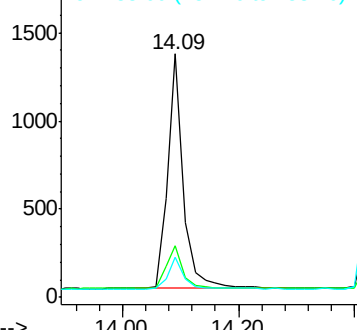
153 16.5 12.8 19.2



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



#8

Acenaphthene

Concen: 0.37 ng/ul

RT: 14.43 min Scan# 870

Delta R.T. 0.00 min

Lab File: BM007895.D

Acq: 15 Nov 2016 16:36

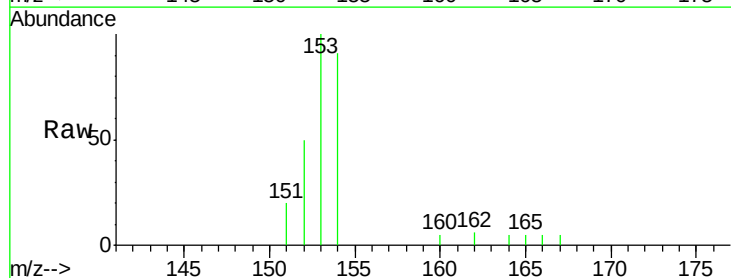
Tgt Ion:153 Resp: 1843

Ion Ratio Lower Upper

153 100

152 49.7 40.3 60.5

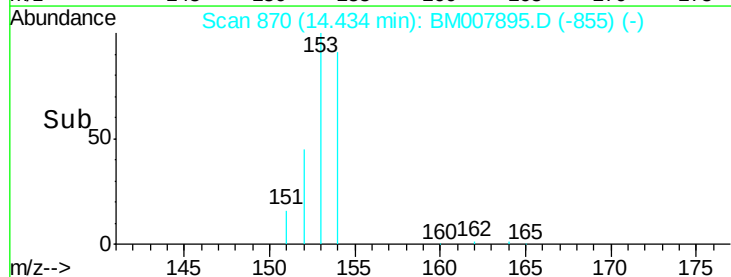
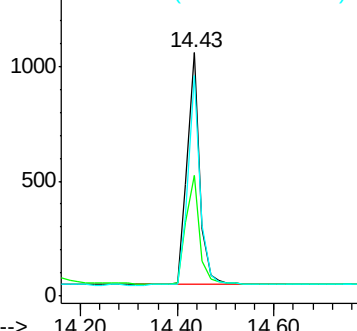
154 90.8 71.4 107.2

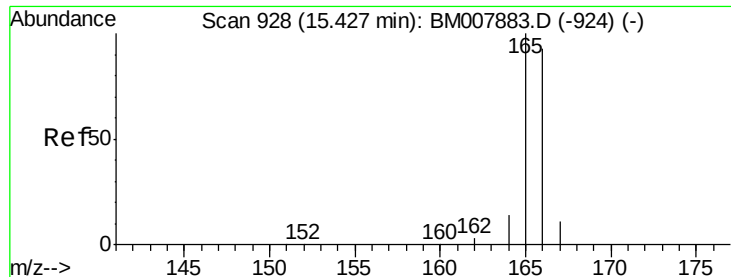


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.38 ng/ul

RT: 15.43 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM007895.D

Acq: 15 Nov 2016 16:36

Instrument :

BNA_M

ClientSampleId :

SSTD0.462

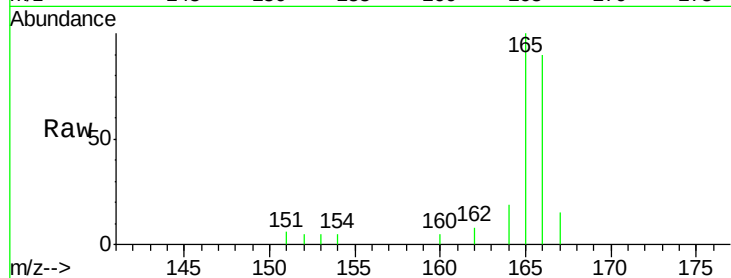
Tgt Ion:166 Resp: 2087

Ion Ratio Lower Upper

166 100

165 110.9 73.4 110.2#

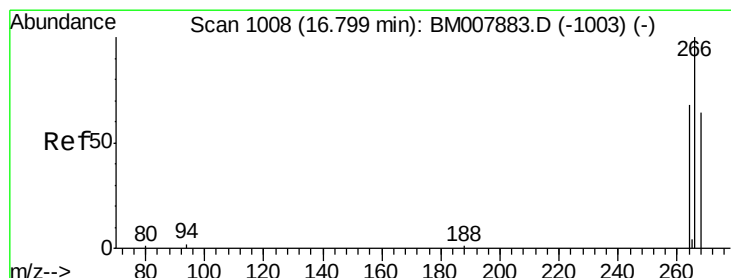
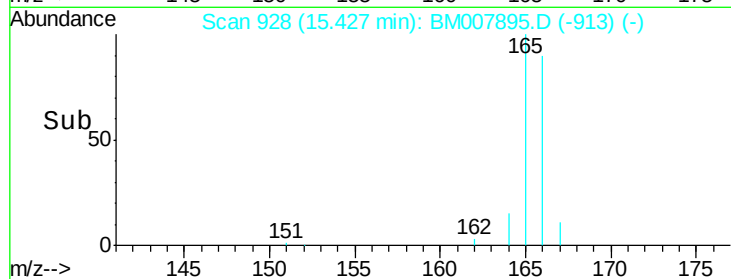
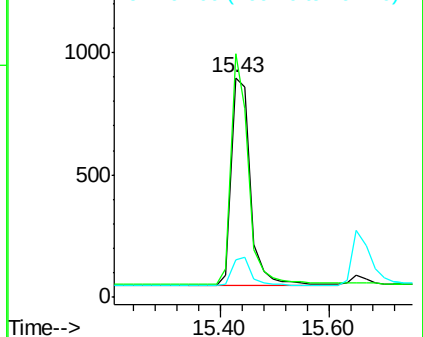
167 16.8 14.6 22.0



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



#11

Pentachlorophenol

Concen: 0.50 ng/ul

RT: 16.80 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BM007895.D

Acq: 15 Nov 2016 16:36

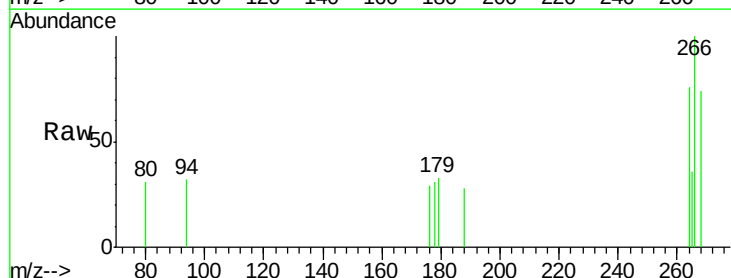
Tgt Ion:266 Resp: 329

Ion Ratio Lower Upper

266 100

264 60.5 47.9 71.9

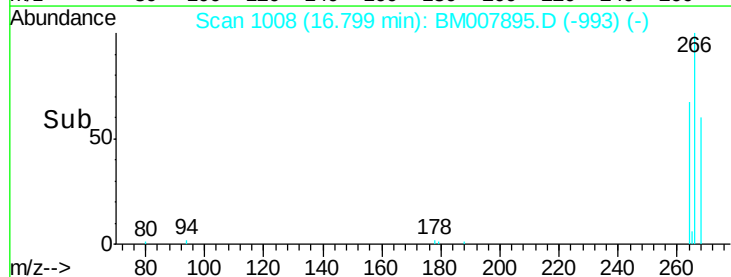
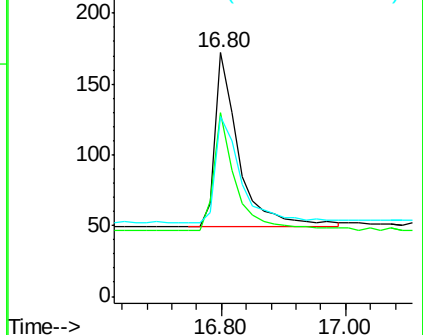
268 65.3 49.8 74.8

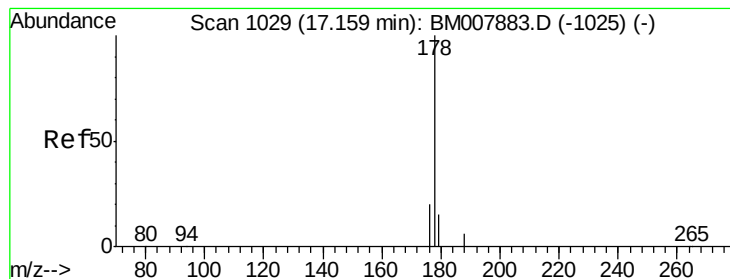


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.41 ng/ul

RT: 17.16 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BM007895.D

Acq: 15 Nov 2016 16:36

Instrument :

BNA_M

ClientSampleId :

SSTD0.462

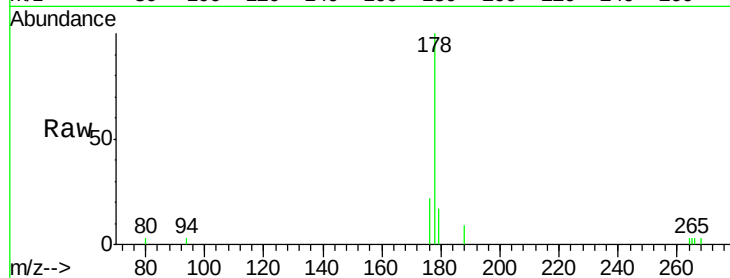
Tgt Ion:178 Resp: 3196

Ion Ratio Lower Upper

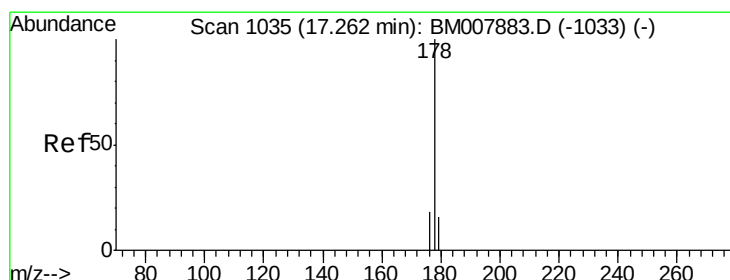
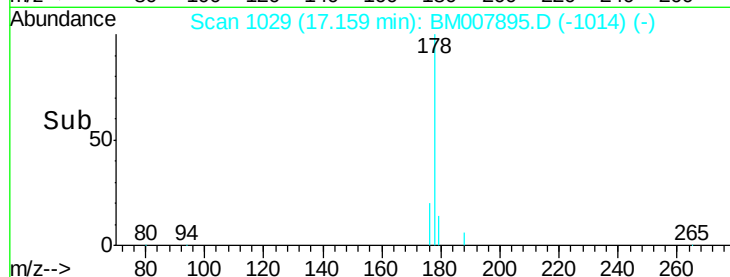
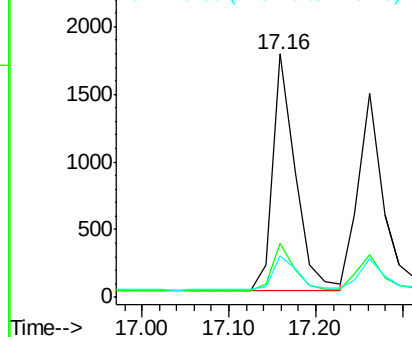
178 100

176 22.5 18.4 27.6

179 17.1 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: BM007895.D

Acq: 15 Nov 2016 16:36

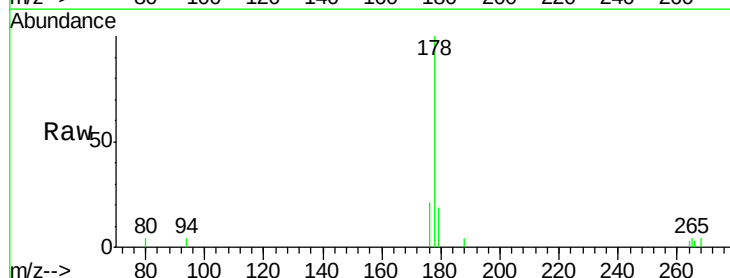
Tgt Ion:178 Resp: 3055

Ion Ratio Lower Upper

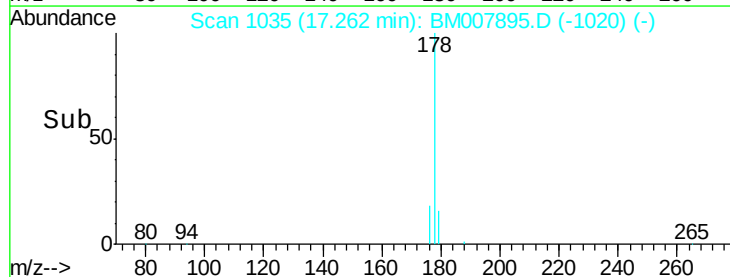
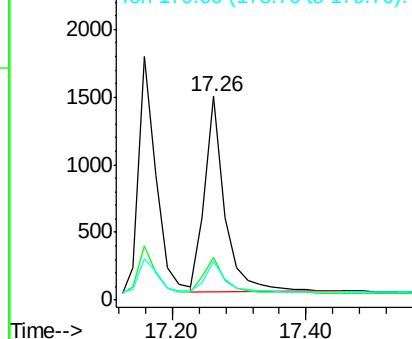
178 100

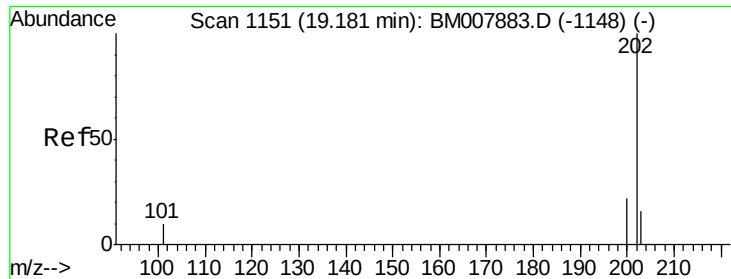
176 21.2 18.1 27.1

179 18.9 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: 19.18 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BM007895.D

Acq: 15 Nov 2016 16:36

Instrument :

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ClientSampleId :

SSTD0.462

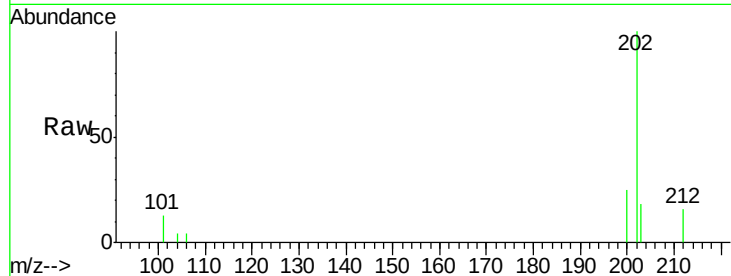
Tgt Ion:202 Resp: 3986

Ion Ratio Lower Upper

202 100

101 13.0 0.0 30.3

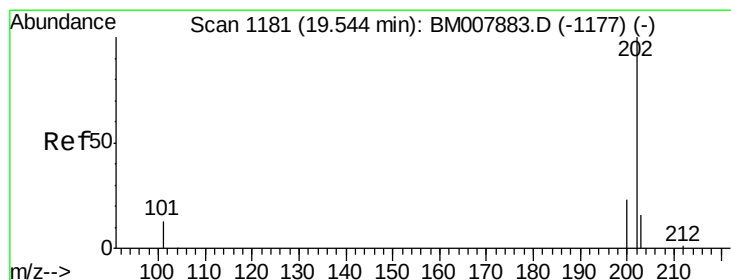
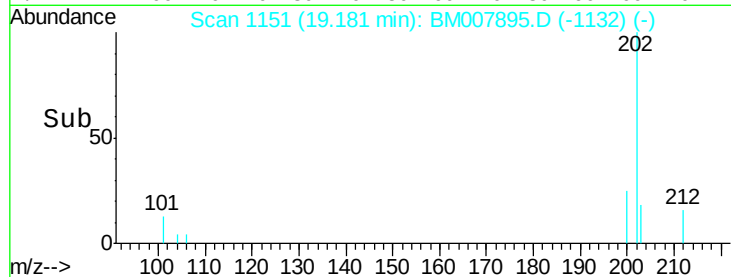
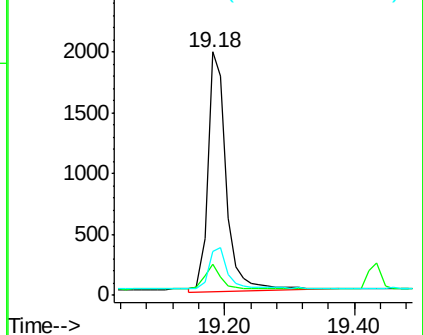
203 18.2 0.0 39.5



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: 0.42 ng/ul

RT: 19.56 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BM007895.D

Acq: 15 Nov 2016 16:36

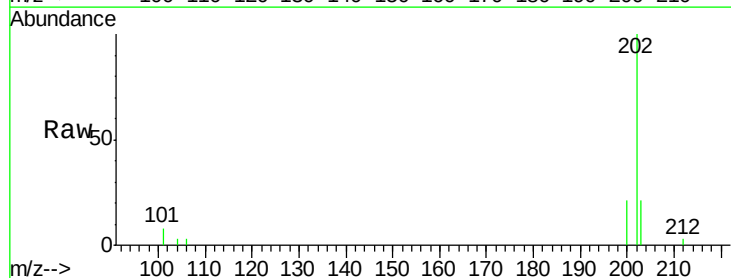
Tgt Ion:202 Resp: 4011

Ion Ratio Lower Upper

202 100

200 21.0 18.2 27.4

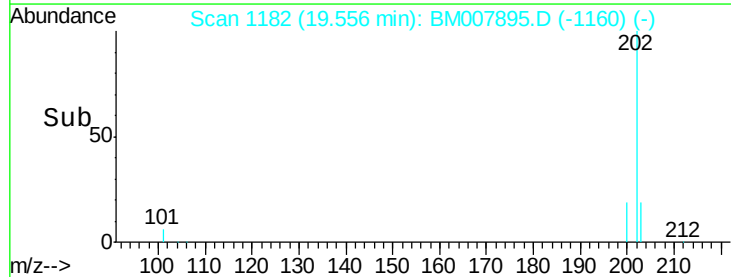
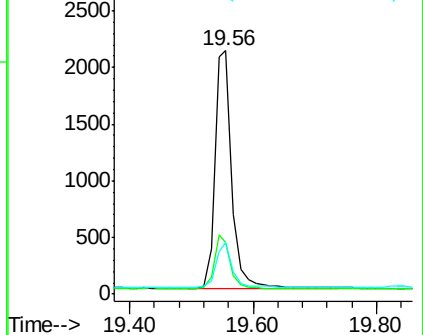
203 21.2 15.6 23.4

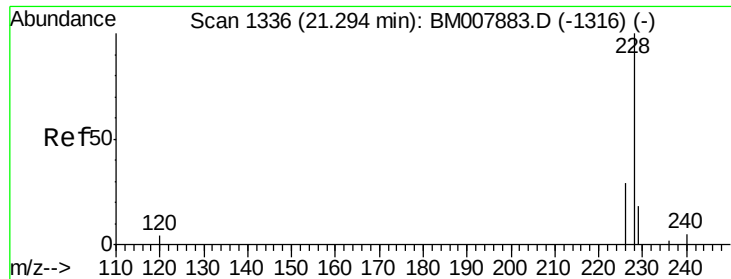


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.44 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BM007895.D

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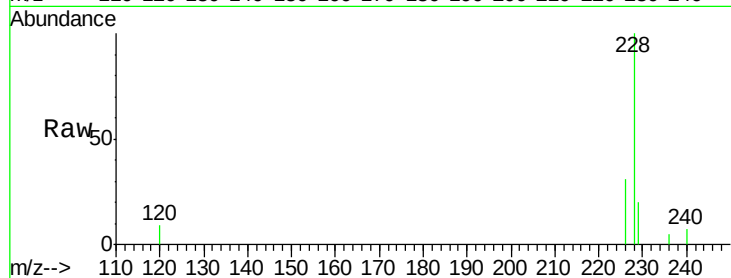
Tgt Ion:228 Resp: 3515

Ion Ratio Lower Upper

228 100

226 30.9 22.8 34.2

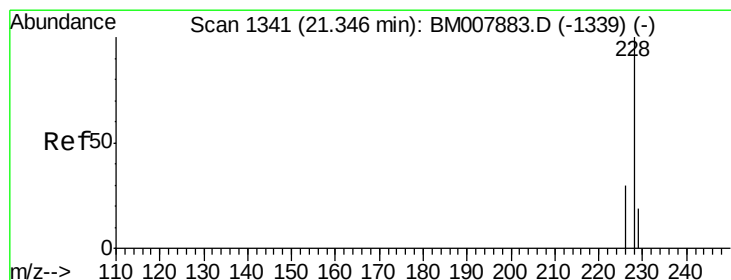
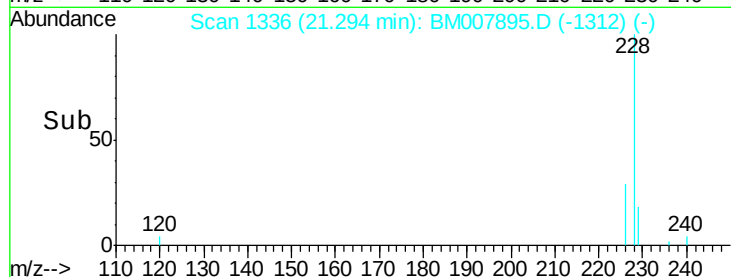
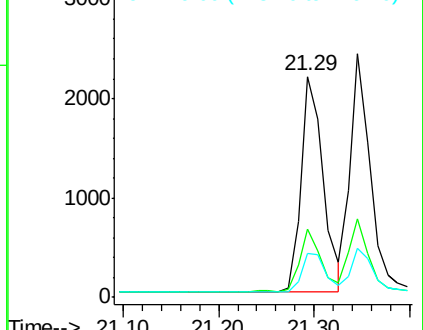
229 20.1 17.0 25.6



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: 0.41 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BM007895.D

Acq: 15 Nov 2016 16:36

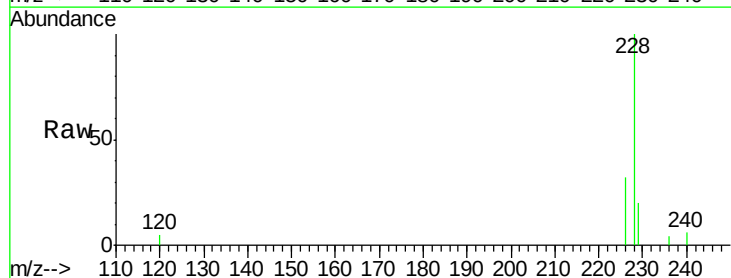
Tgt Ion:228 Resp: 3698

Ion Ratio Lower Upper

228 100

226 32.3 23.4 35.0

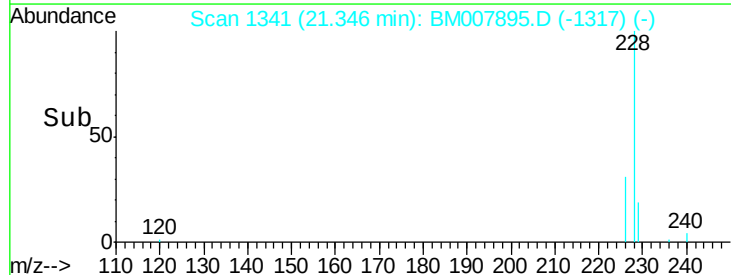
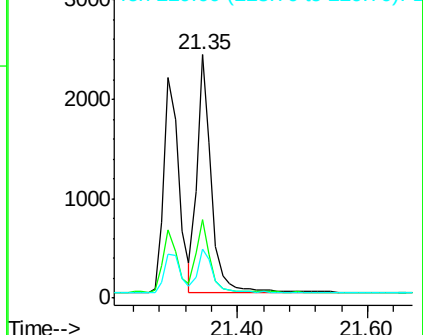
229 20.4 17.7 26.5

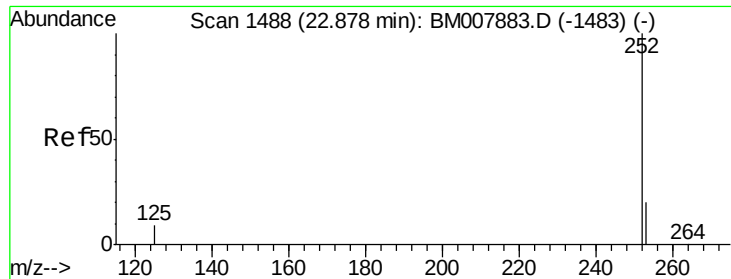


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.43 ng/ul

RT: 22.89 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BM007895.D

Acq: 15 Nov 2016 16:36

Instrument :

BNA_M

ClientSampleId :

SSTD0.462

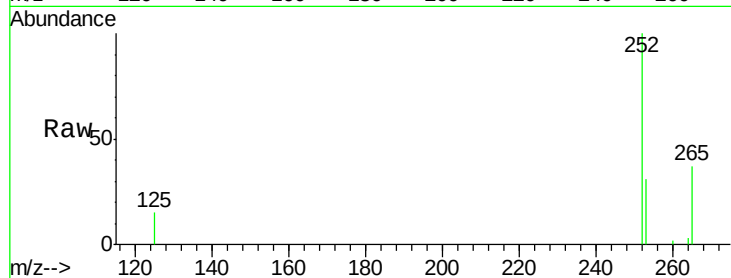
Tgt Ion:252 Resp: 3950

Ion Ratio Lower Upper

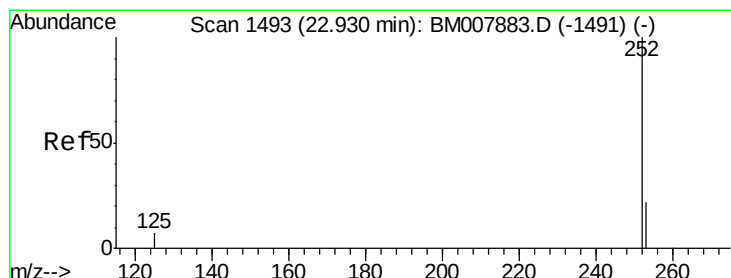
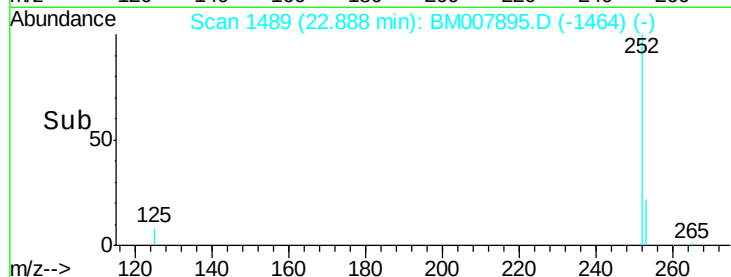
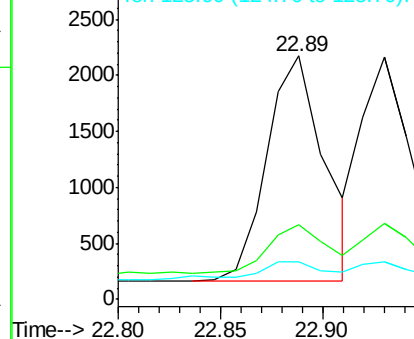
252 100

253 30.9 0.0 64.2

125 15.3 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: 0.40 ng/ul

RT: 22.93 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BM007895.D

Acq: 15 Nov 2016 16:36

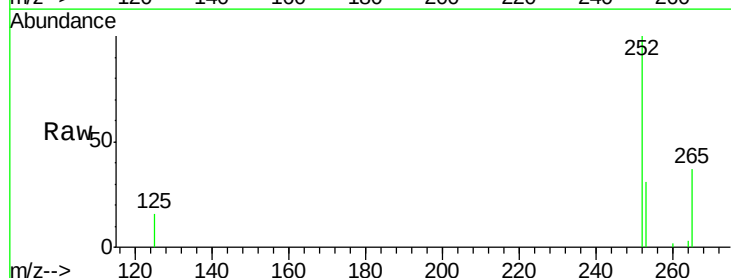
Tgt Ion:252 Resp: 3768

Ion Ratio Lower Upper

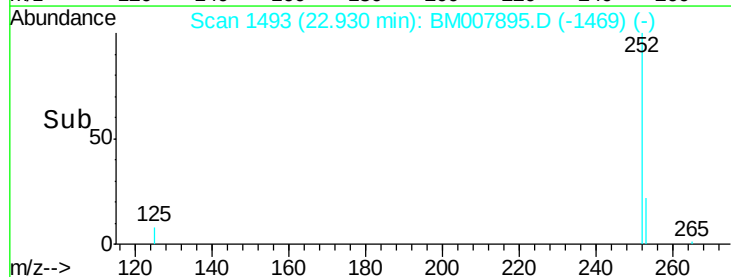
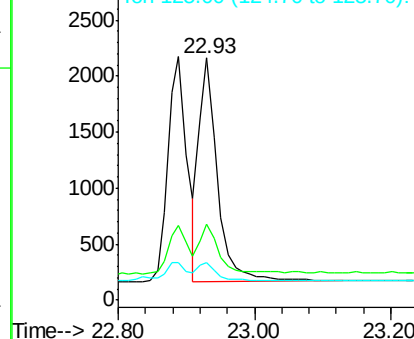
252 100

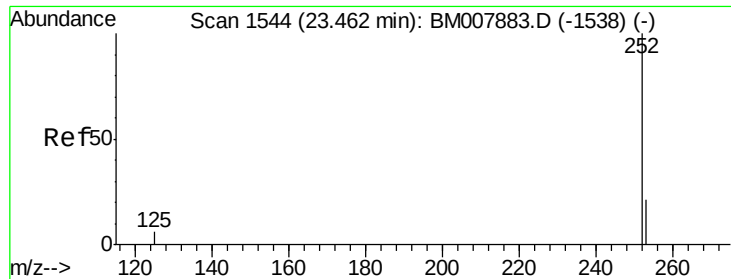
253 31.5 24.5 36.7

125 15.6 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: 0.44 ng/ul

RT: 23.47 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BM007895.D

Acq: 15 Nov 2016 16:36

Instrument :

BNA_M

ClientSampleId :

SSTD0.462

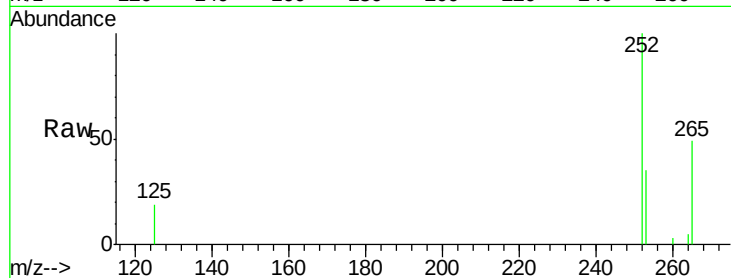
Tgt Ion:252 Resp: 3685

Ion Ratio Lower Upper

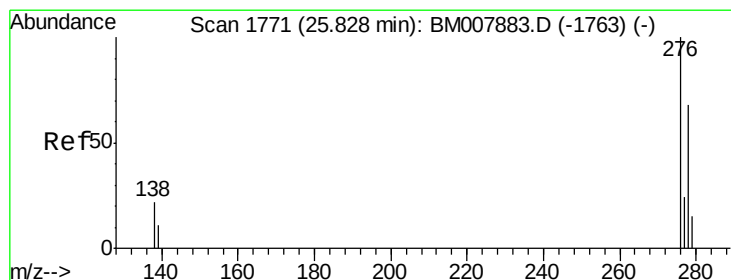
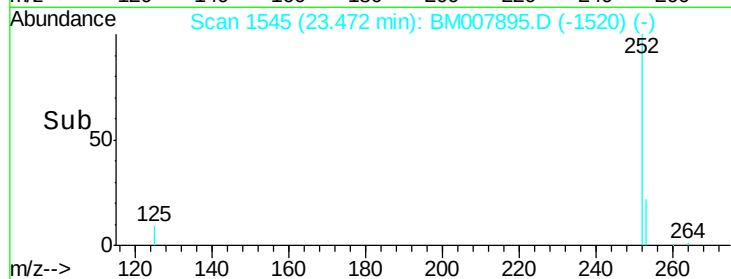
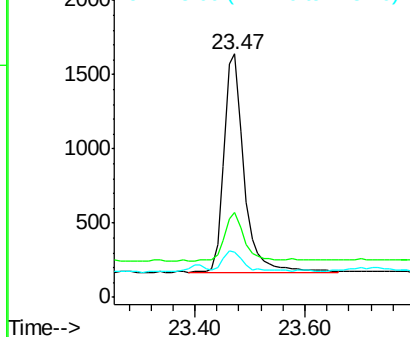
252 100

253 35.0 28.5 42.7

125 18.6 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: 0.43 ng/ul

RT: 25.84 min Scan# 1772

Delta R.T. 0.01 min

Lab File: BM007895.D

Acq: 15 Nov 2016 16:36

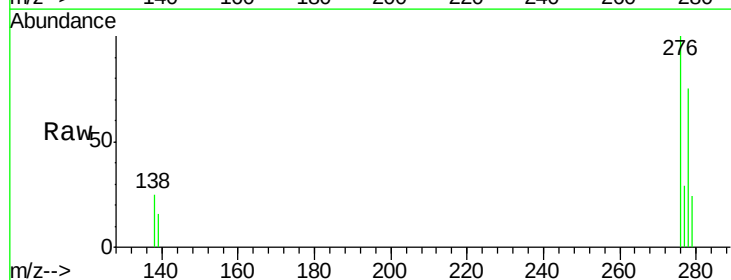
Tgt Ion:276 Resp: 4421

Ion Ratio Lower Upper

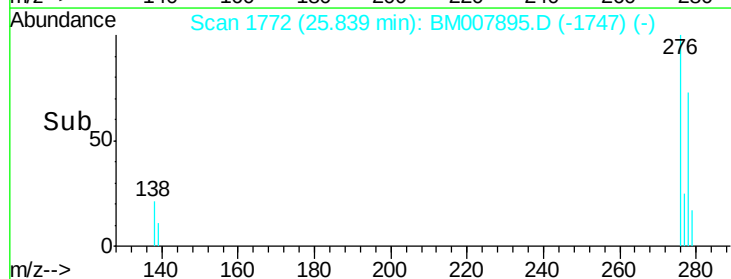
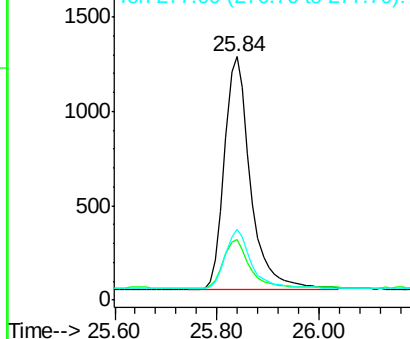
276 100

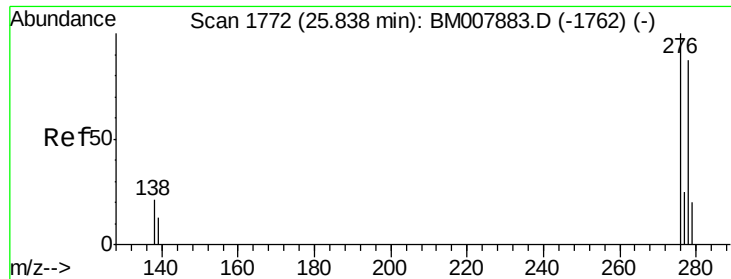
138 21.2 19.1 28.7

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



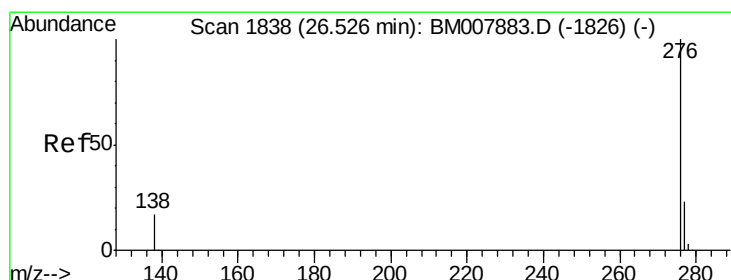
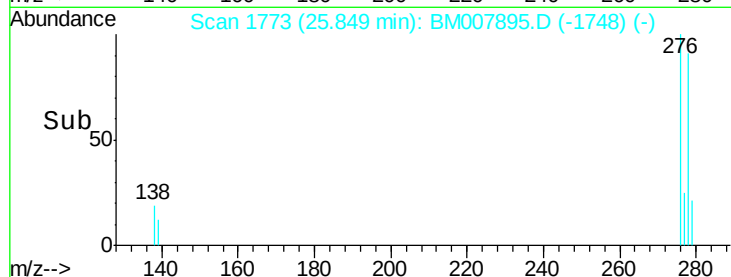
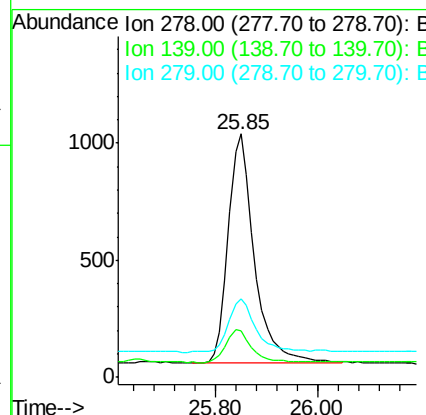
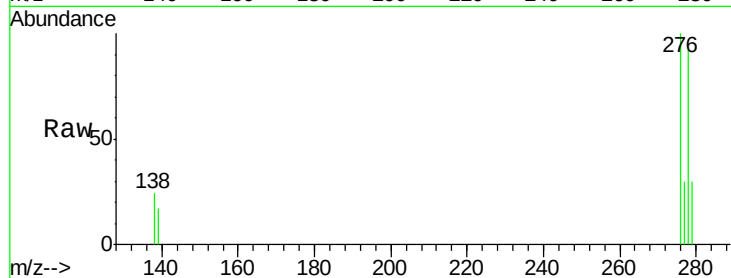


#25
Dibenzo(a,h)anthracene
Concen: 0.43 ng/ul
RT: 25.85 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BM007895.D
Acq: 15 Nov 2016 16:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.462

Tgt Ion: 278 Resp: 3495

Ion	Ratio	Lower	Upper
278	100		
139	18.9	17.4	26.0
279	32.5	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.42 ng/ul
RT: 26.54 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BM007895.D
Acq: 15 Nov 2016 16:36

Tgt Ion: 276 Resp: 3846

Ion	Ratio	Lower	Upper
276	100		
277	28.3	21.8	32.8
138	22.2	20.5	30.7

