

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102516\
 Data File : BM007727.D
 Acq On : 24 Oct 2016 21:13
 Operator : UM/SJ
 Sample : SSTD0.858
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.858

Quant Time: Oct 25 01:46:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 01:45:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	1138	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.54	136	3744	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.38	164	1768	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	3795	0.40	ng/ul	0.00
16) Chrysene-d12	21.32	240	3527	0.40	ng/ul	0.00
20) Perylene-d12	23.59	264	3136	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.13	152	3603	0.82	ng/ul	-0.02
14) Fluoranthene-d10	19.17	212	6989	0.78	ng/ul	-0.01

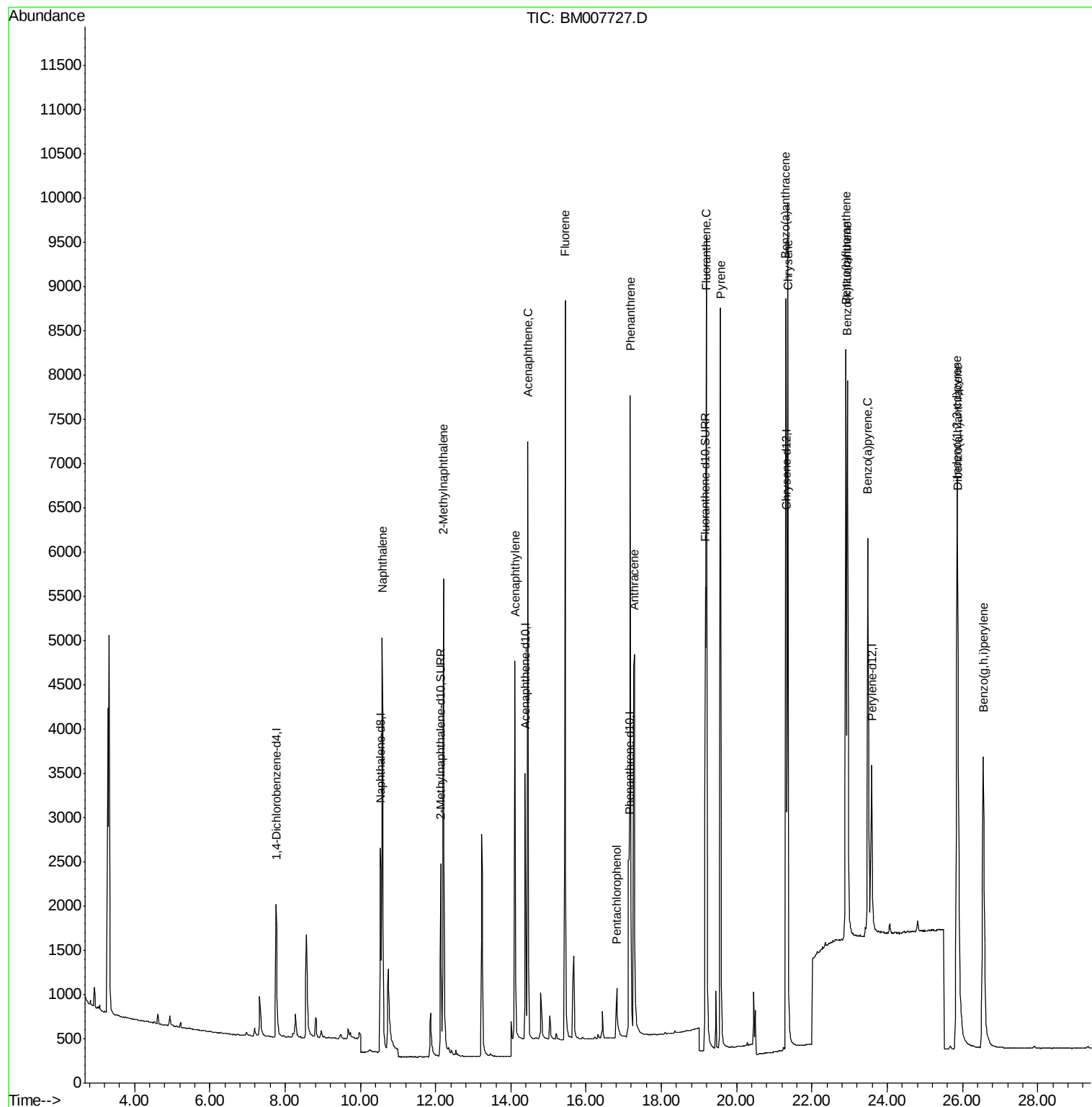
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.58	128	7635	0.85	ng/ul	95
5) 2-Methylnaphthalene	12.20	142	4957	0.83	ng/ul	100
7) Acenaphthylene	14.11	152	6815	0.88	ng/ul	96
8) Acenaphthene	14.45	153	5080	0.84	ng/ul	93
9) Fluorene	15.44	166	5806	0.81	ng/ul#	94
11) Pentachlorophenol	16.82	266	699	0.69	ng/ul	96
12) Phenanthrene	17.18	178	8821	0.84	ng/ul	95
13) Anthracene	17.28	178	8111	0.86	ng/ul	94
15) Fluoranthene	19.19	202	10468	0.80	ng/ul	94
17) Pyrene	19.57	202	10859	0.90	ng/ul	97
18) Benzo(a)anthracene	21.30	228	9075	0.86	ng/ul	98
19) Chrysene	21.36	228	9567	0.83	ng/ul	95
21) Benzo(b)fluoranthene	22.90	252	9769	0.90	ng/ul	89
22) Benzo(k)fluoranthene	22.94	252	9603	0.89	ng/ul#	90
23) Benzo(a)pyrene	23.48	252	8708	0.87	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.85	276	10289	0.95	ng/ul	100
25) Dibenzo(a,h)anthracene	25.87	278	8283	0.99	ng/ul	91
26) Benzo(g,h,i)perylene	26.55	276	9000	0.93	ng/ul	95

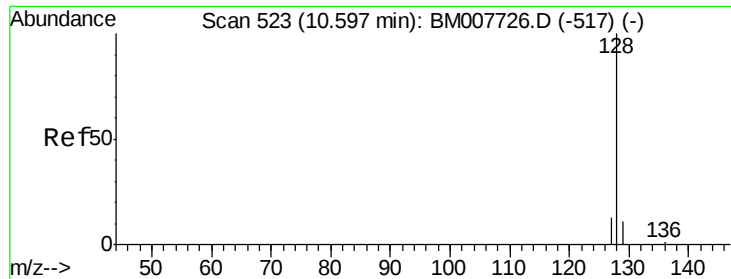
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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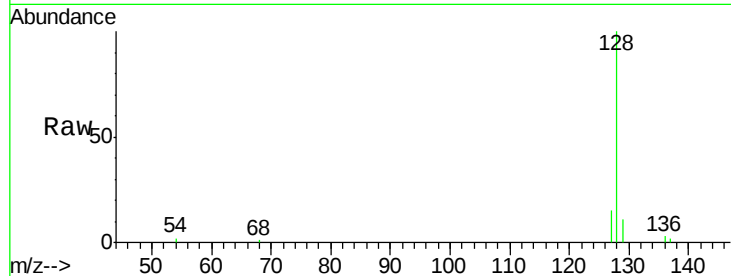




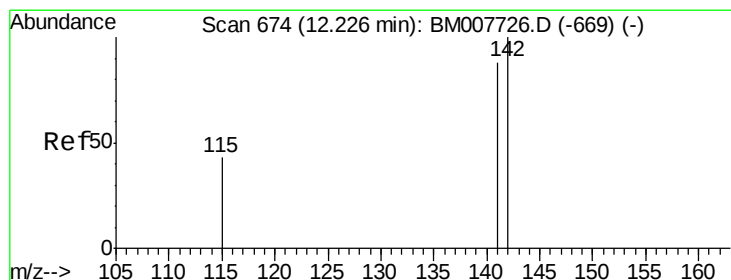
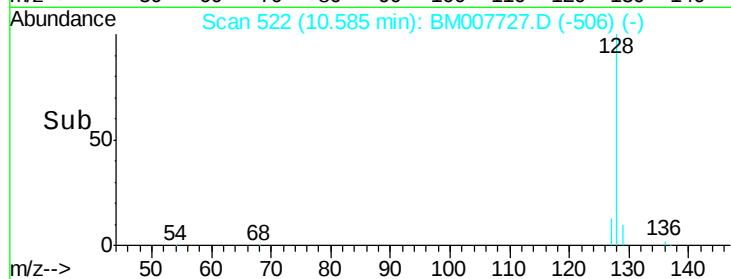
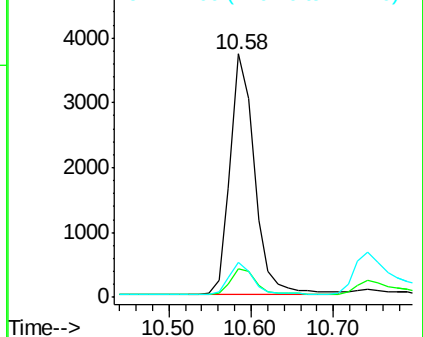
#3
Naphthalene
Concen: 0.85 ng/ul
RT: 10.58 min Scan# 522
Delta R.T. -0.01 min
Lab File: BM007727.D
Acq: 24 Oct 2016 21:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.858

Tgt Ion:128 Resp: 7635
Ion Ratio Lower Upper
128 100
129 11.5 11.3 16.9
127 14.5 12.8 19.2

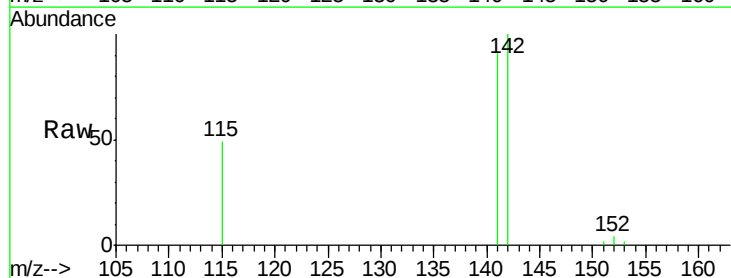


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

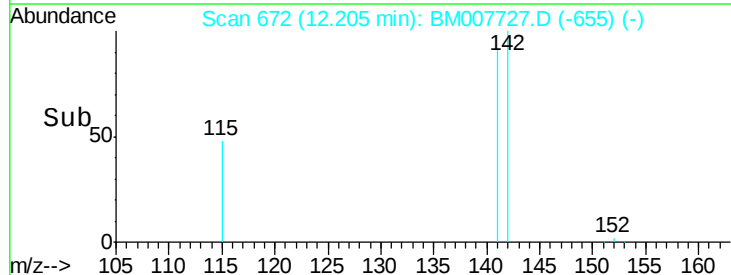
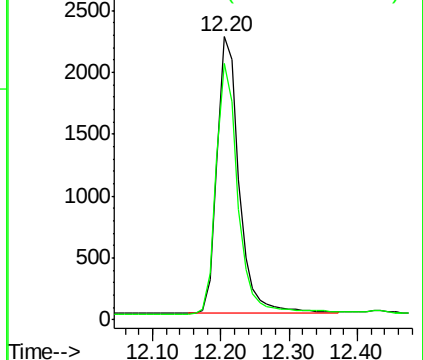


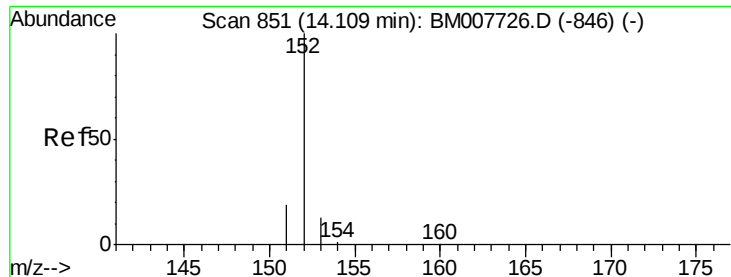
#5
2-Methylnaphthalene
Concen: 0.83 ng/ul
RT: 12.20 min Scan# 672
Delta R.T. -0.02 min
Lab File: BM007727.D
Acq: 24 Oct 2016 21:13

Tgt Ion:142 Resp: 4957
Ion Ratio Lower Upper
142 100
141 90.5 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: 0.88 ng/ul

RT: 14.11 min Scan# 851

Delta R.T. -0.00 min

Lab File: BM007727.D

Acq: 24 Oct 2016 21:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.858

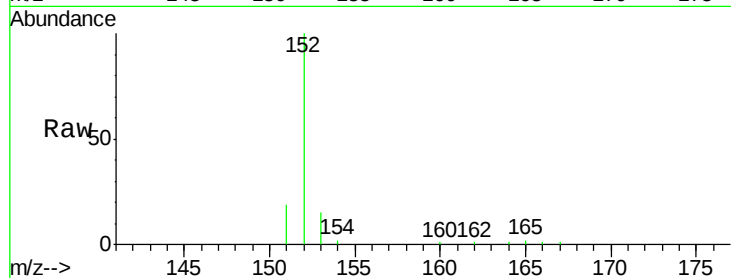
Tgt Ion:152 Resp: 6815

Ion Ratio Lower Upper

152 100

151 18.8 17.1 25.7

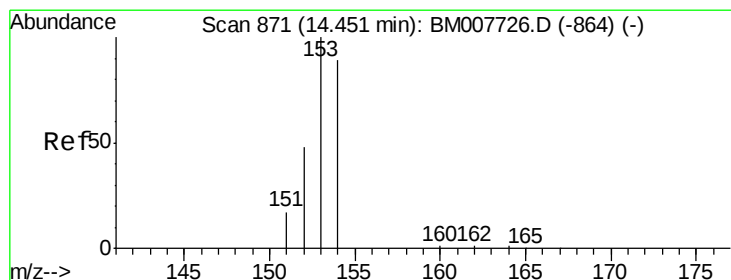
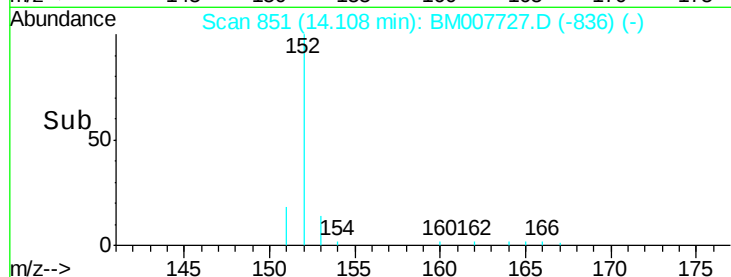
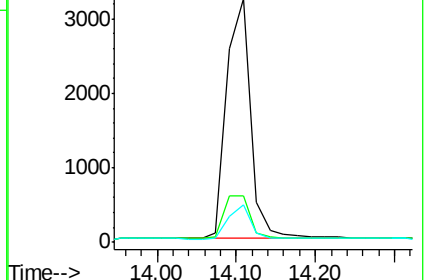
153 15.5 12.8 19.2



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: 0.84 ng/ul

RT: 14.45 min Scan# 871

Delta R.T. -0.00 min

Lab File: BM007727.D

Acq: 24 Oct 2016 21:13

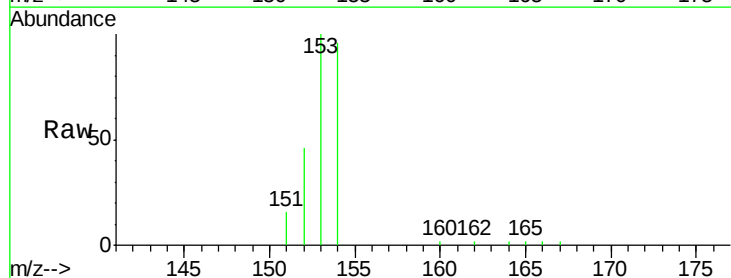
Tgt Ion:153 Resp: 5080

Ion Ratio Lower Upper

153 100

152 46.4 40.3 60.5

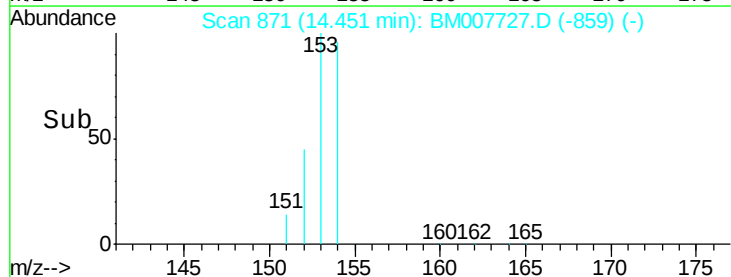
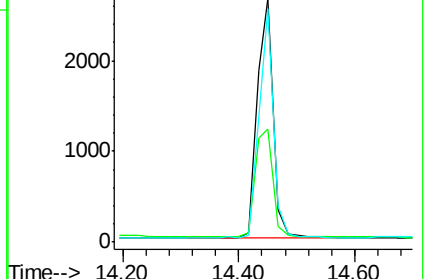
154 96.0 71.4 107.2

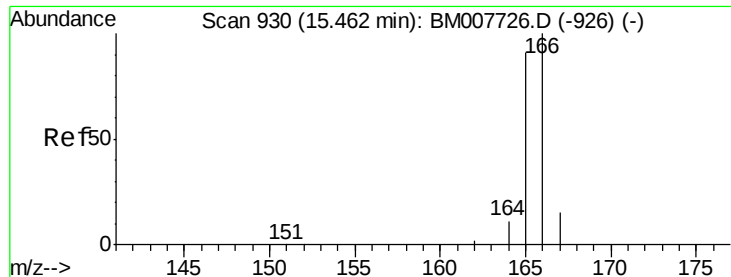


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

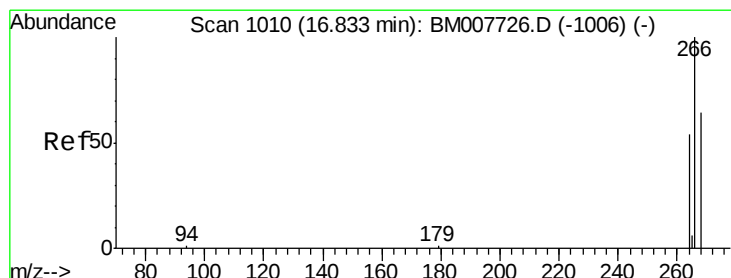
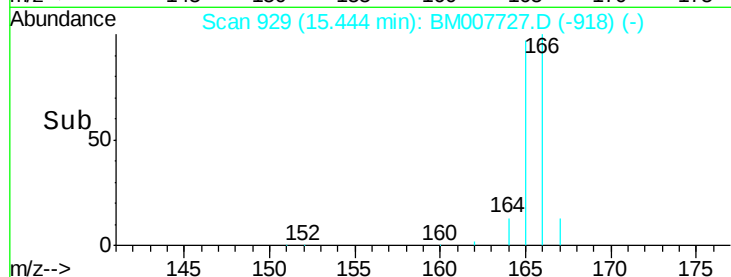
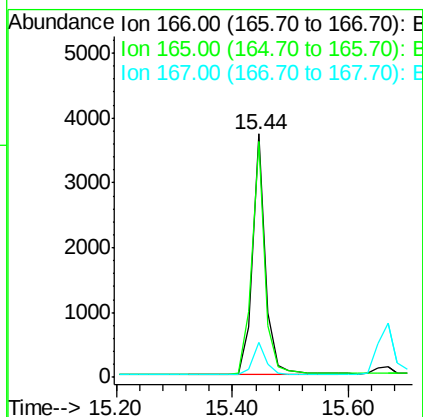
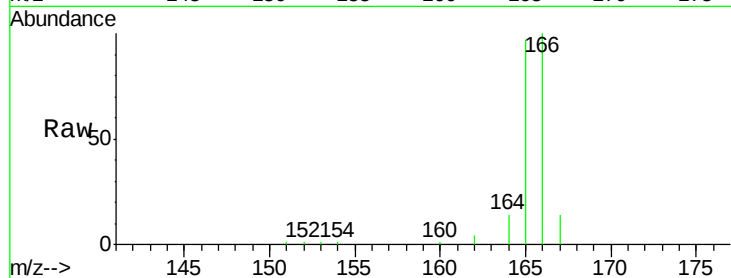




#9
Fluorene
 Concen: 0.81 ng/ul
 RT: 15.44 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BM007727.D
 Acq: 24 Oct 2016 21:13

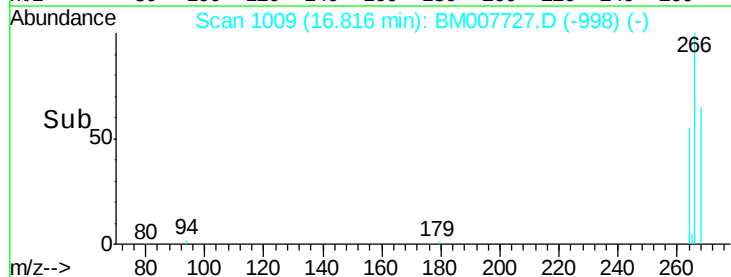
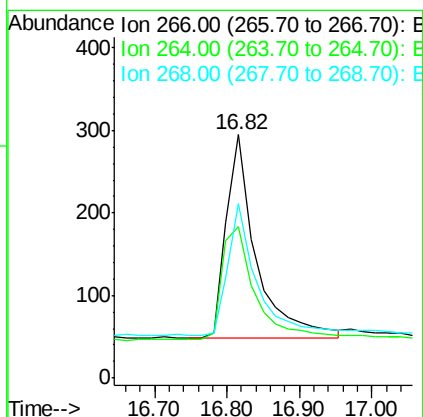
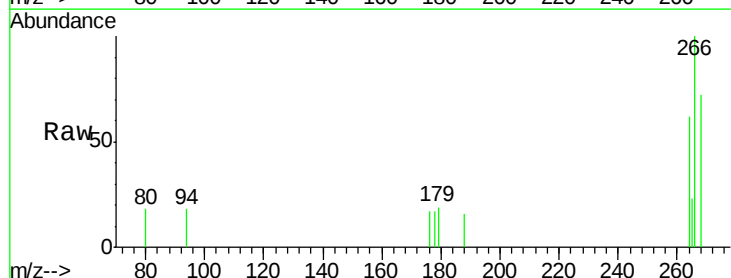
Instrument :
 BNA_M
 ClientSampleId :
 SST0.858

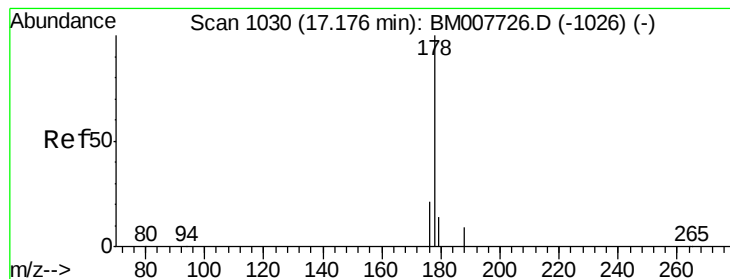
Tgt Ion:166 Resp: 5806
 Ion Ratio Lower Upper
 166 100
 165 96.8 73.4 110.2
 167 14.5 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.69 ng/ul
 RT: 16.82 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BM007727.D
 Acq: 24 Oct 2016 21:13

Tgt Ion:266 Resp: 699
 Ion Ratio Lower Upper
 266 100
 264 65.4 47.9 71.9
 268 62.8 49.8 74.8





#12

Phenanthrene

Concen: 0.84 ng/ul

RT: 17.18 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BM007727.D

Acq: 24 Oct 2016 21:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.858

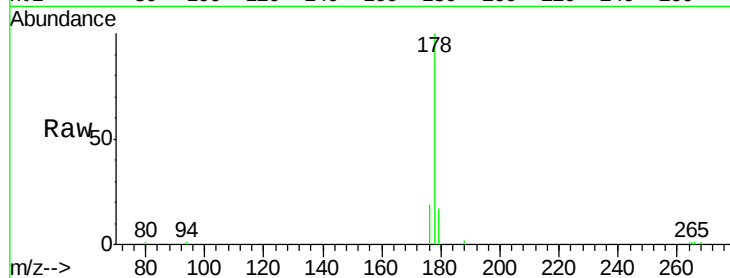
Tgt Ion:178 Resp: 8821

Ion Ratio Lower Upper

178 100

176 19.0 18.4 27.6

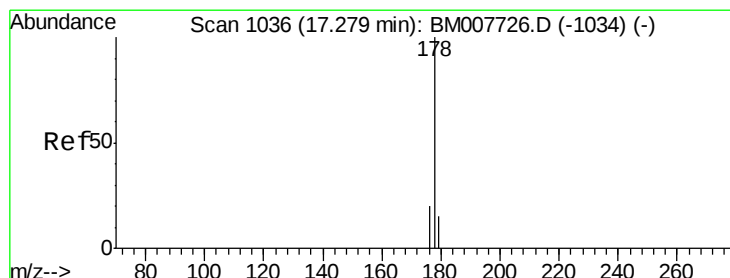
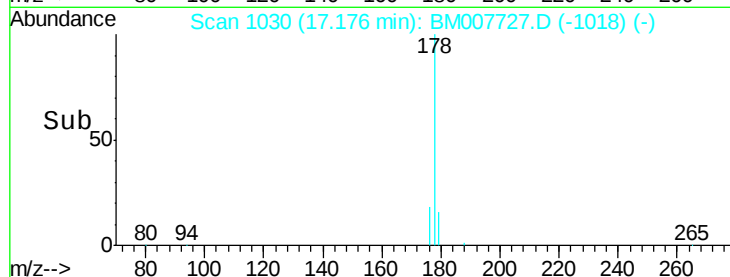
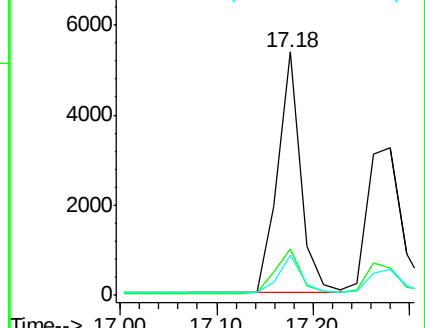
179 16.7 13.6 20.4



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: 0.86 ng/ul

RT: 17.28 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BM007727.D

Acq: 24 Oct 2016 21:13

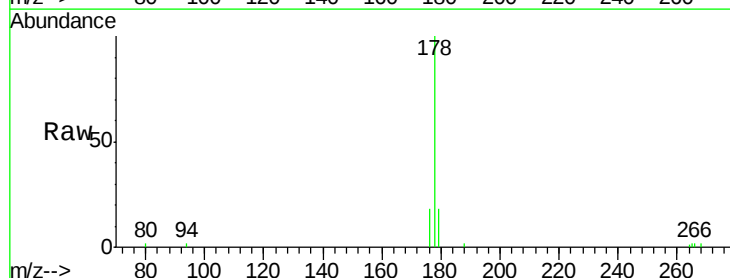
Tgt Ion:178 Resp: 8111

Ion Ratio Lower Upper

178 100

176 18.3 18.1 27.1

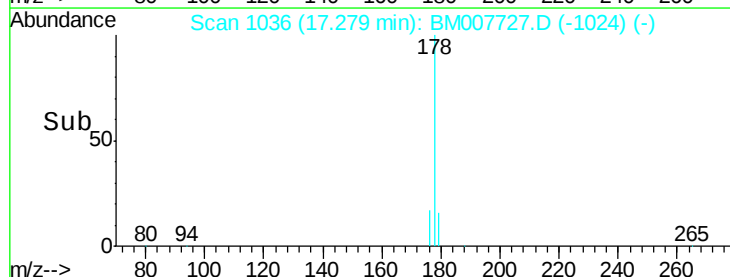
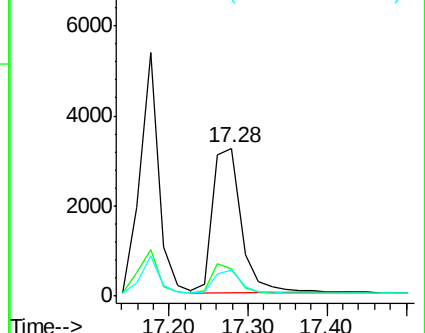
179 17.6 14.7 22.1

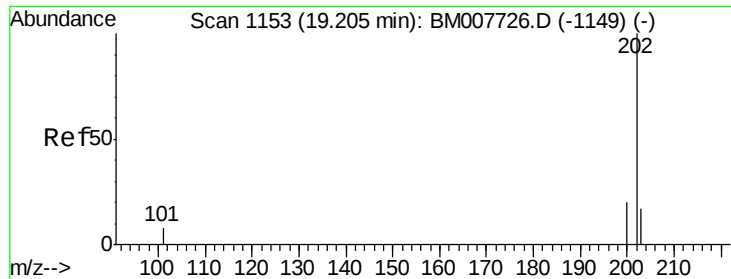


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.80 ng/ul

RT: 19.19 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BM007727.D

Acq: 24 Oct 2016 21:13

Instrument :

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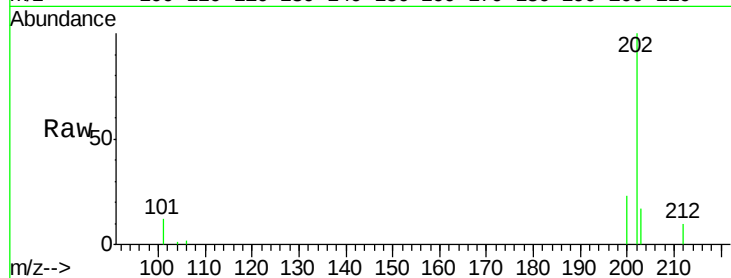
Tgt Ion:202 Resp: 10468

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.3

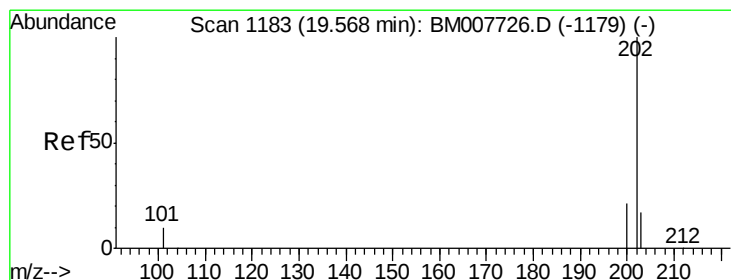
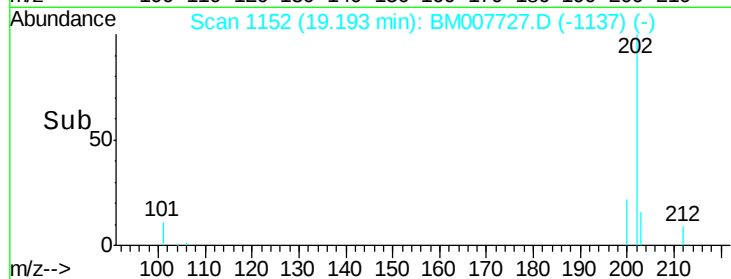
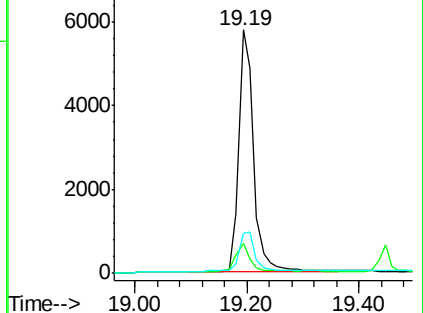
203 16.5 0.0 39.5



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: 0.90 ng/ul

RT: 19.57 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BM007727.D

Acq: 24 Oct 2016 21:13

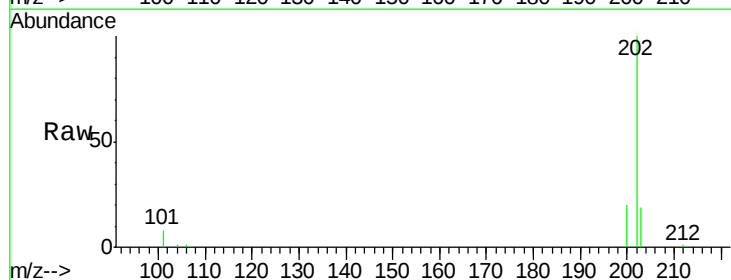
Tgt Ion:202 Resp: 10859

Ion Ratio Lower Upper

202 100

200 19.8 18.2 27.4

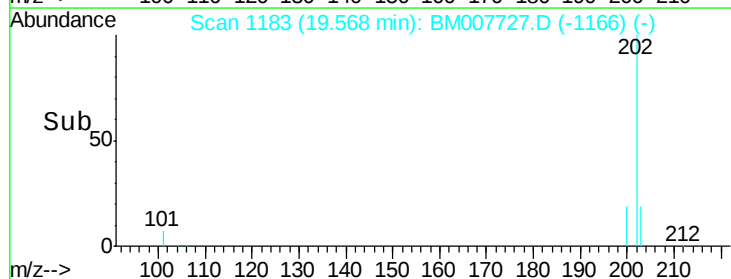
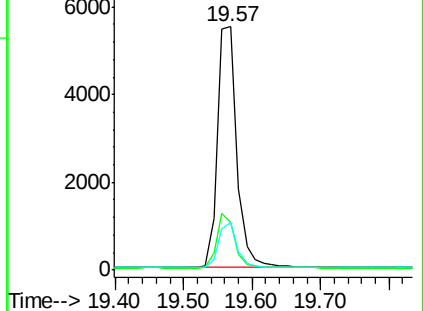
203 19.5 15.6 23.4

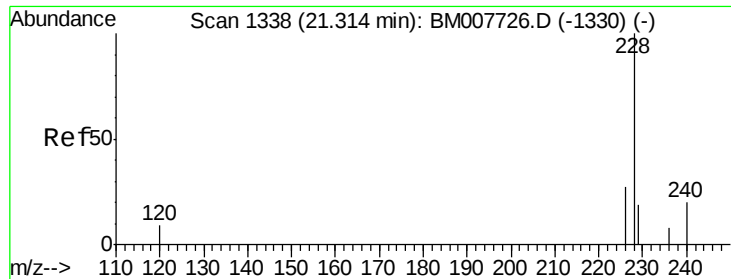


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.86 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM007727.D

Acq: 24 Oct 2016 21:13

Instrument :

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SSTD0.858

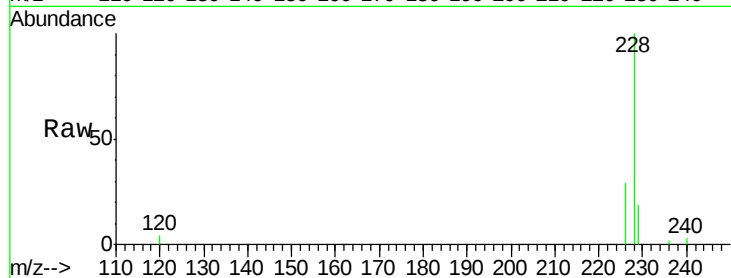
Tgt Ion:228 Resp: 9075

Ion Ratio Lower Upper

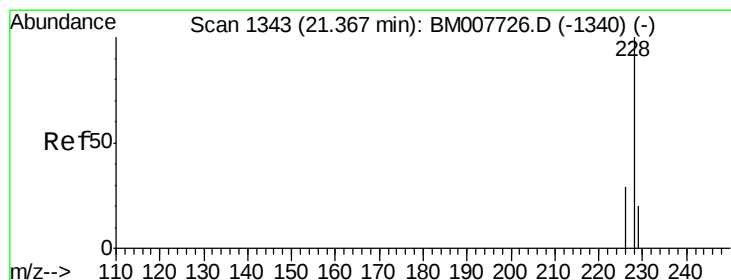
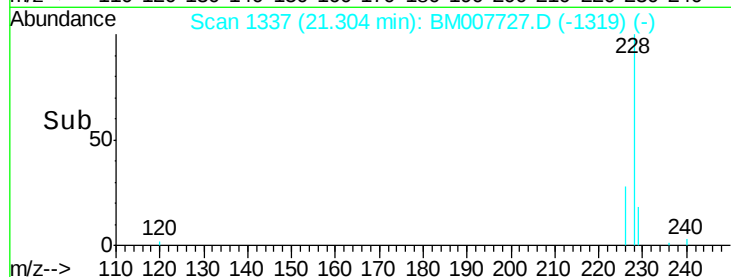
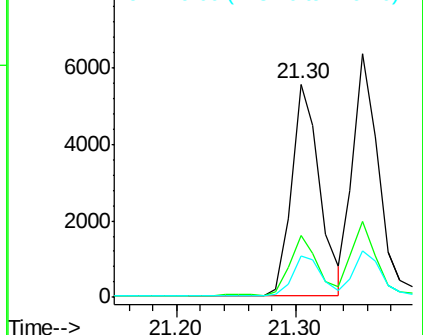
228 100

226 29.0 22.8 34.2

229 19.2 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: 0.83 ng/ul

RT: 21.36 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BM007727.D

Acq: 24 Oct 2016 21:13

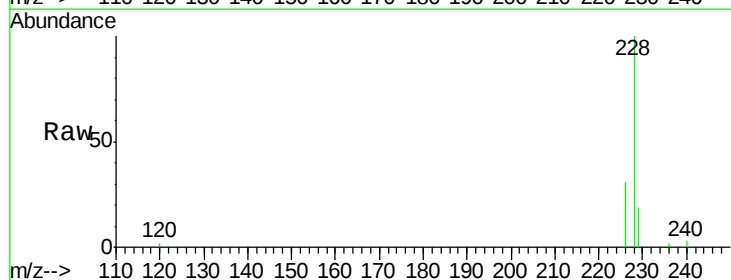
Tgt Ion:228 Resp: 9567

Ion Ratio Lower Upper

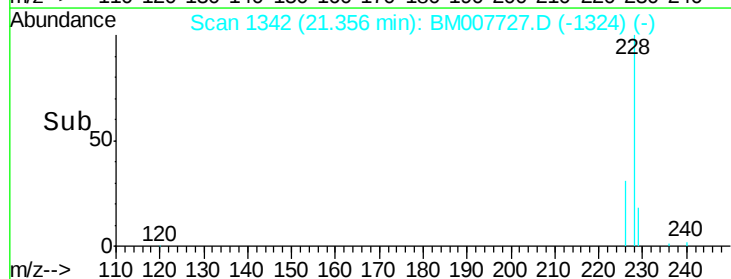
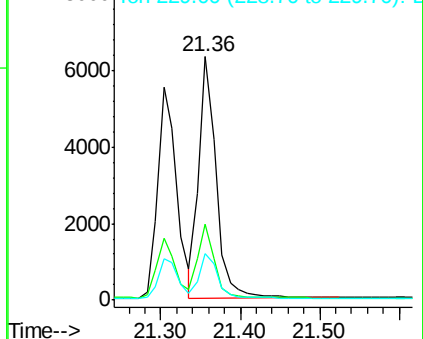
228 100

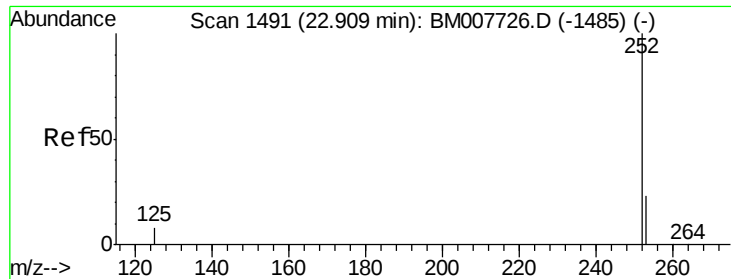
226 31.1 23.4 35.0

229 19.1 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: 0.90 ng/u1

RT: 22.90 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BM007727.D

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Instrument :

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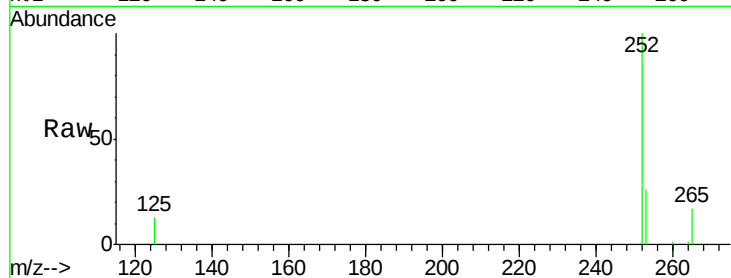
Tgt Ion:252 Resp: 9769

Ion Ratio Lower Upper

252 100

253 25.9 0.0 64.2

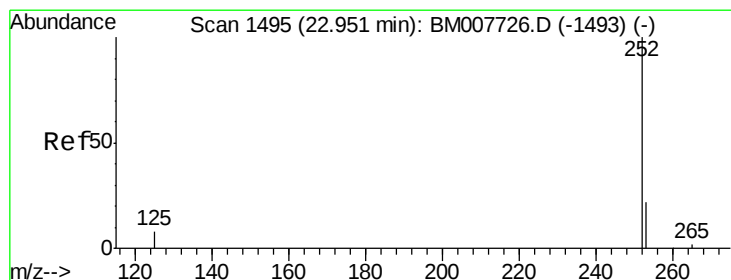
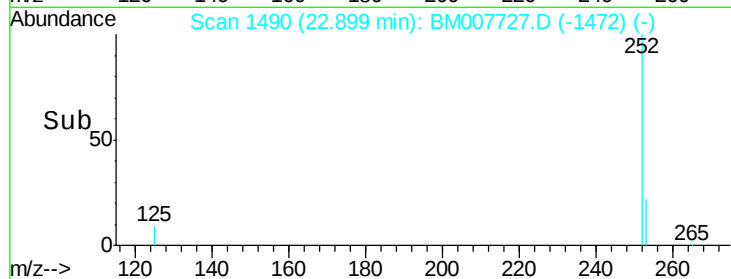
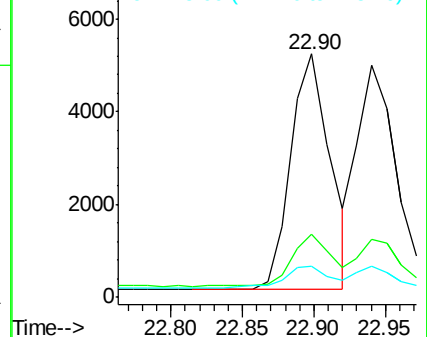
125 12.7 0.0 35.0



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: 0.89 ng/u1

RT: 22.94 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BM007727.D

Acq: 24 Oct 2016 21:13

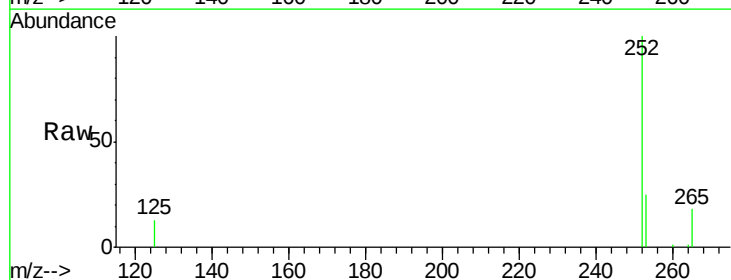
Tgt Ion:252 Resp: 9603

Ion Ratio Lower Upper

252 100

253 25.0 24.5 36.7

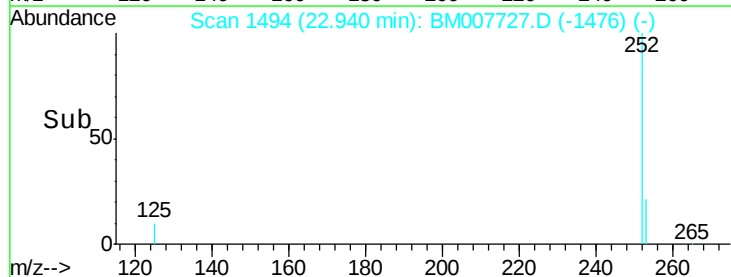
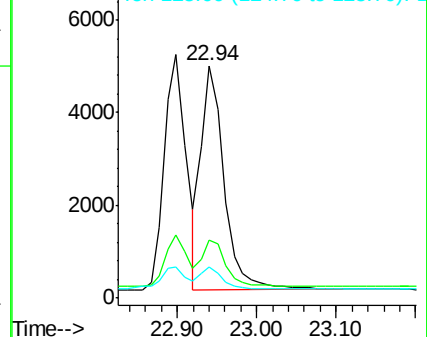
125 13.3 13.7 20.5#

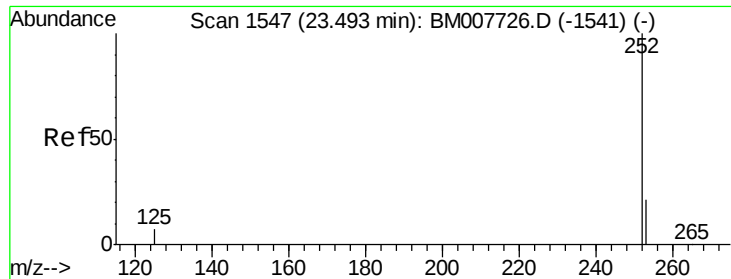


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.87 ng/ul

RT: 23.48 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BM007727.D

Acq: 24 Oct 2016 21:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.858

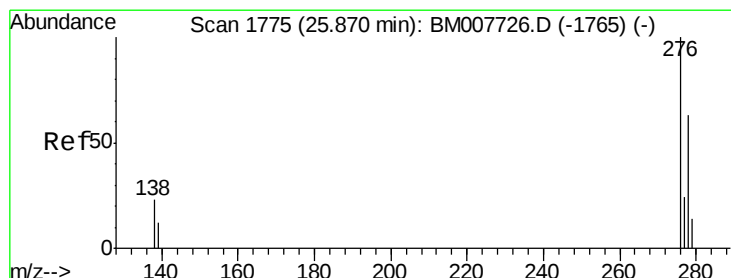
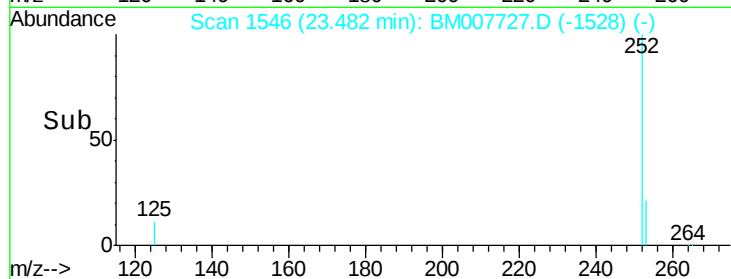
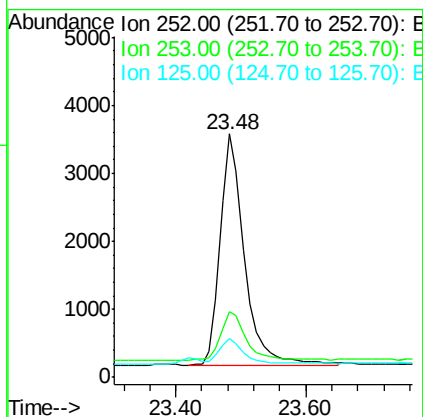
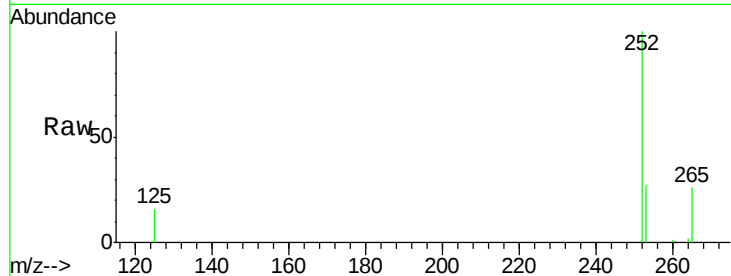
Tgt Ion:252 Resp: 8708

Ion Ratio Lower Upper

252 100

253 27.2 28.5 42.7#

125 15.7 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.95 ng/ul

RT: 25.85 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BM007727.D

Acq: 24 Oct 2016 21:13

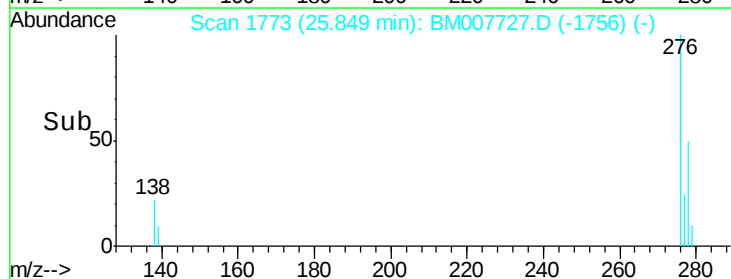
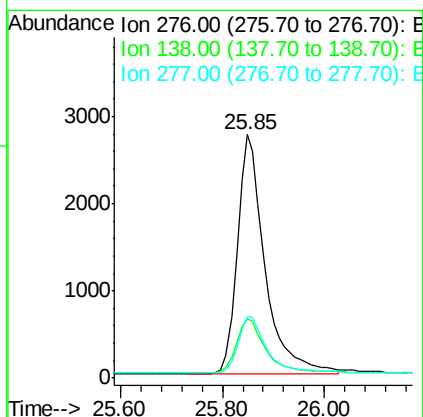
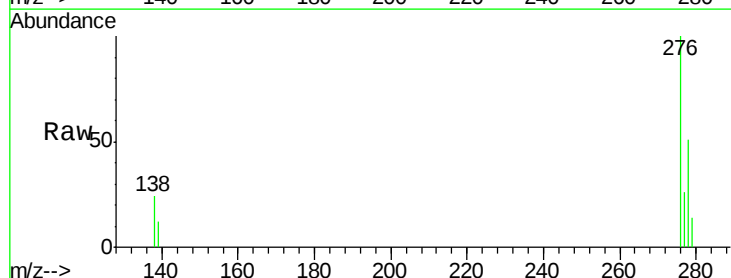
Tgt Ion:276 Resp: 10289

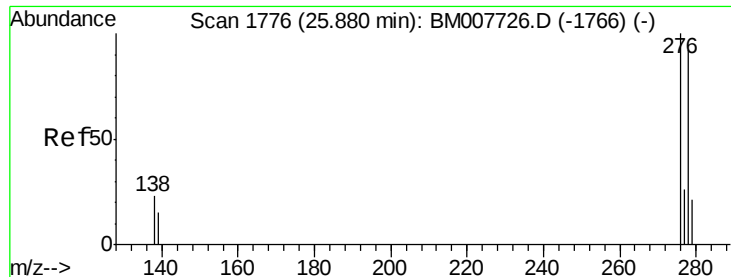
Ion Ratio Lower Upper

276 100

138 23.7 19.1 28.7

277 24.7 19.6 29.4



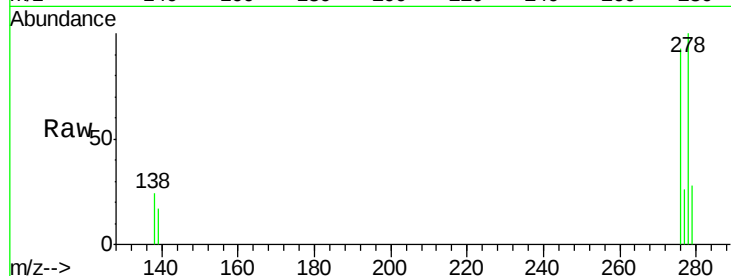


#25
Dibenzo(a,h)anthracene
Concen: 0.99 ng/ul
RT: 25.87 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BM007727.D
Acq: 24 Oct 2016 21:13

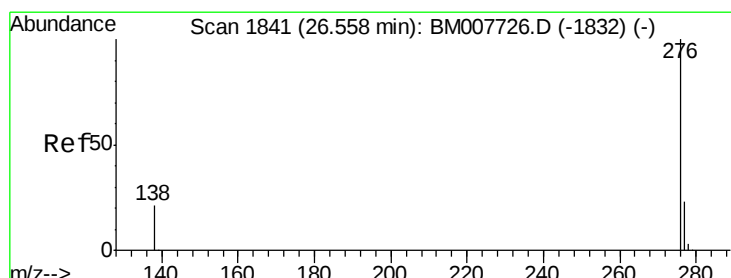
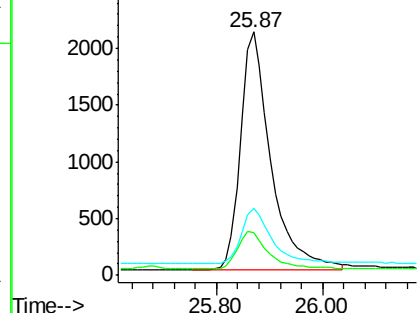
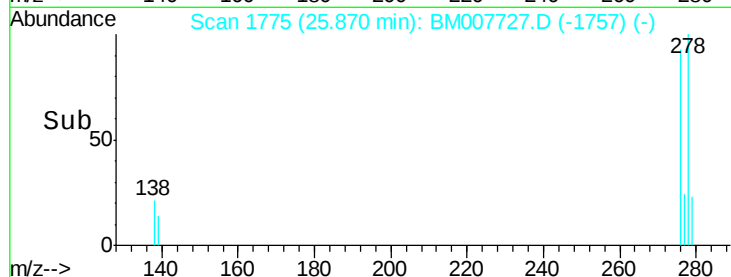
Instrument :
BNA_M
ClientSampleId :
SSTD0.858

Tgt Ion:278 Resp: 8283

Ion	Ratio	Lower	Upper
278	100		
139	17.4	17.4	26.0
279	27.6	25.9	38.9



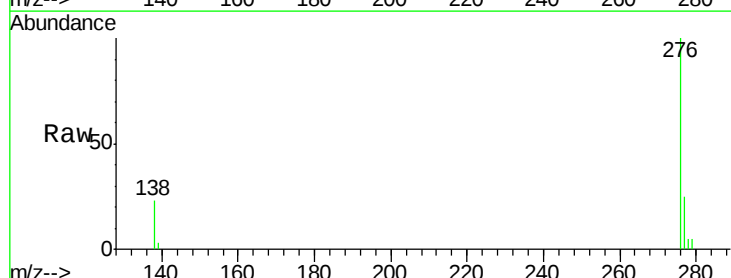
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.93 ng/ul
RT: 26.55 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BM007727.D
Acq: 24 Oct 2016 21:13

Tgt Ion:276 Resp: 9000

Ion	Ratio	Lower	Upper
276	100		
277	25.0	21.8	32.8
138	23.0	20.5	30.7



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

