

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020615\
 Data File : BM000440.D
 Acq On : 06 Feb 2015 18:54
 Operator : TP/IZ
 Sample : SSTD00185
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD00185

Quant Time: Feb 07 00:45:00 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM020615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 07 00:33:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2122	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	6875	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4032	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	8160	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	7121	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	6147	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	9978	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	19447	1.19	ng/ul	0.00

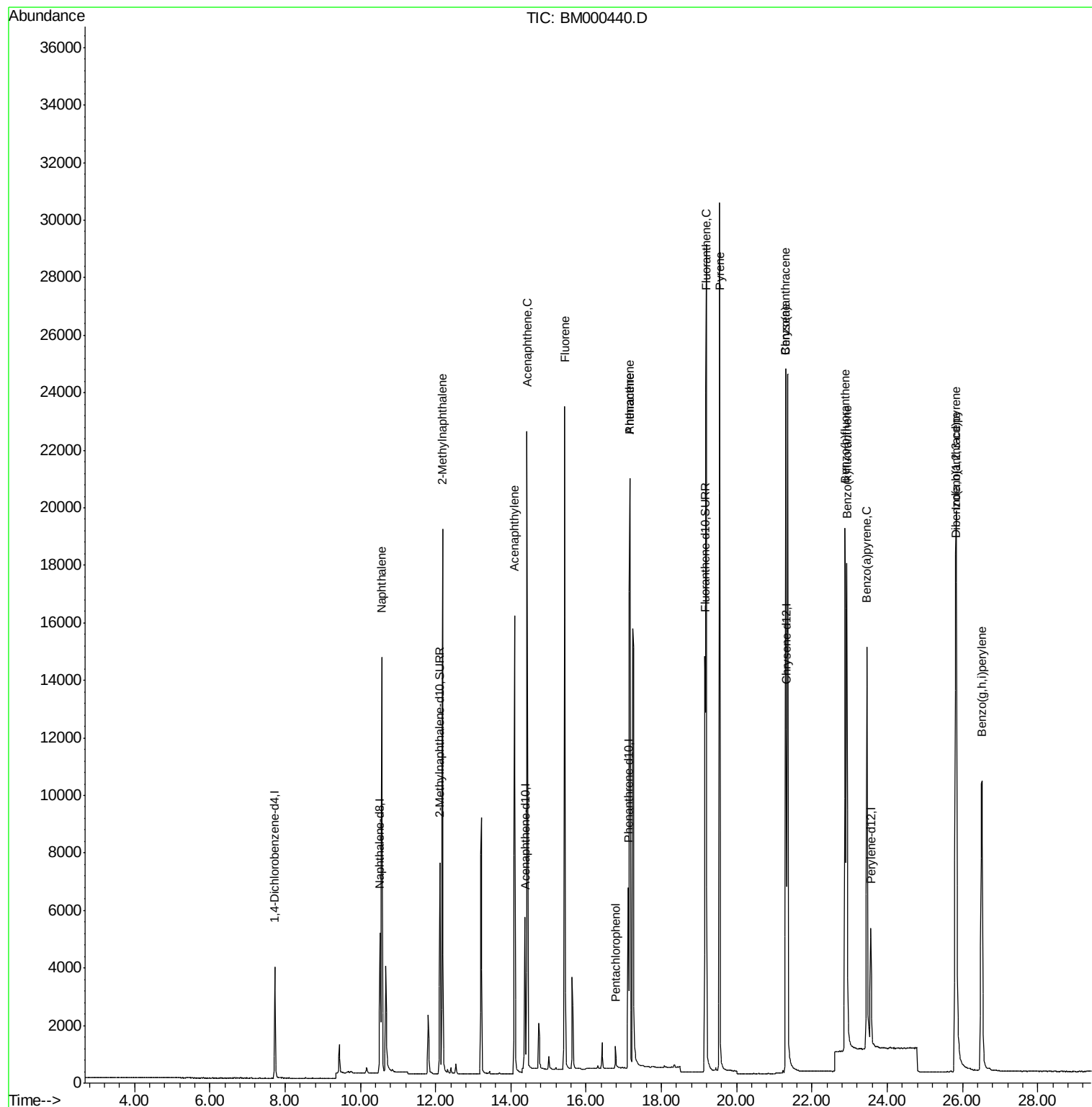
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	19833	1.22	ng/ul	98
5) 2-Methylnaphthalene	12.18	142	13629	1.32	ng/ul#	100
7) Acenaphthylene	14.10	152	19110	0.36	ng/ul	98
8) Acenaphthene	14.43	153	14497	0.40	ng/ul	99
9) Fluorene	15.43	166	17538	1.35	ng/ul	98
11) Pentachlorophenol	16.78	266	727	1.92	ng/ul#	100
12) Phenanthrene	17.16	178	27681	0.40	ng/ul	98
13) Anthracene	17.16	178	27681	0.42	ng/ul	99
15) Fluoranthene	19.19	202	31288	0.43	ng/ul	98
17) Pyrene	19.55	202	31396	0.51	ng/ul	99
18) Benzo(a)anthracene	21.29	228	24713	0.44	ng/ul	99
19) Chrysene	21.29	228	24713	0.42	ng/ul	96
21) Benzo(b)fluoranthene	22.88	252	24493	0.20	ng/ul	95
22) Benzo(k)fluoranthene	22.93	252	26652	0.21	ng/ul	94
23) Benzo(a)pyrene	23.46	252	23485	0.21	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.82	276	27190	0.59	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.84	278	21904	1.53	ng/ul	95
26) Benzo(g,h,i)perylene	26.51	276	23462	0.47	ng/ul	99

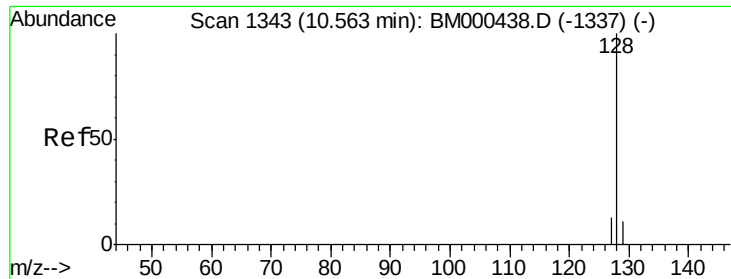
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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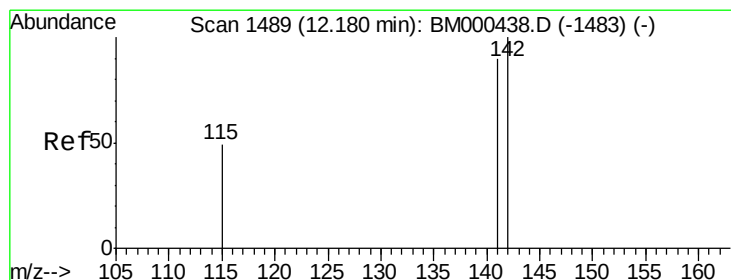
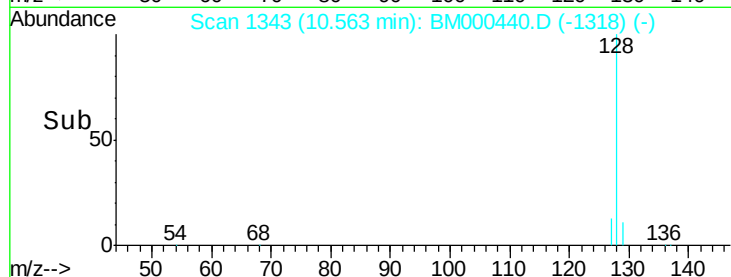
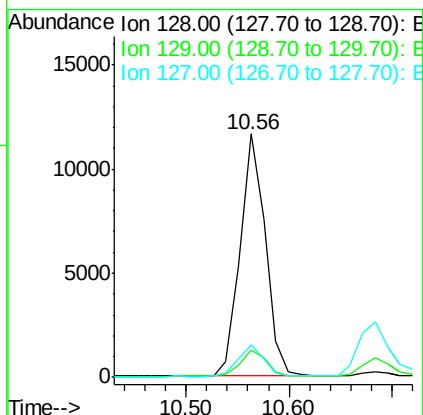
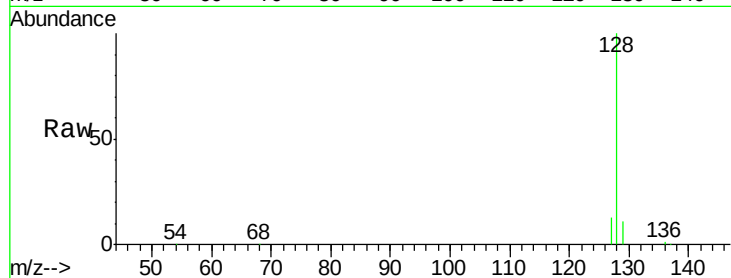




#3
Naphthalene
Concen: 1.22 ng/ul
RT: 10.56 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BM000440.D
Acq: 06 Feb 2015 18:54

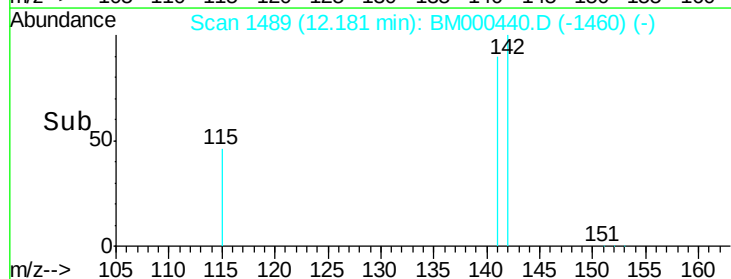
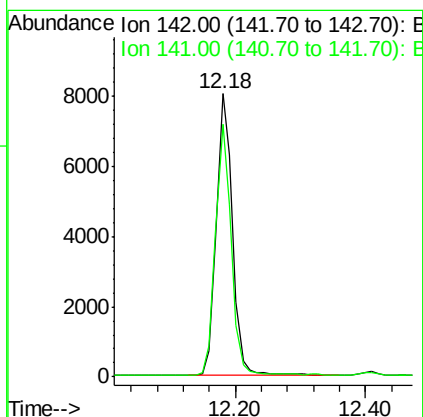
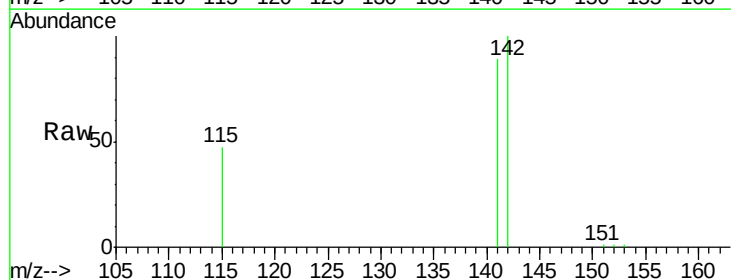
Instrument :
BNA_M
LabSampleId :
SSTD00185

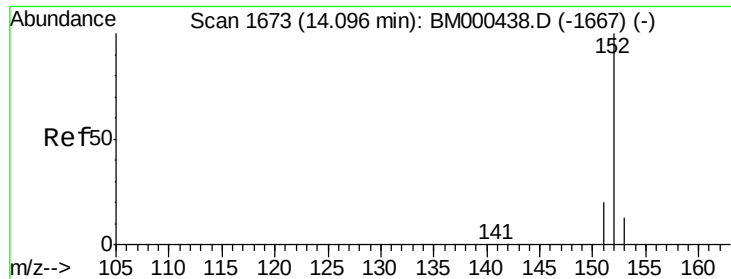
Tgt Ion:128 Resp: 19833
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 13.4 11.4 17.0



#5
2-Methylnaphthalene
Concen: 1.32 ng/ul
RT: 12.18 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BM000440.D
Acq: 06 Feb 2015 18:54

Tgt Ion:142 Resp: 13629
Ion Ratio Lower Upper
142 100
141 87.7 0.0 0.0#





#7

Acenaphthylene

Concen: 0.36 ng/ul

RT: 14.10 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BM000440.D

Acq: 06 Feb 2015 18:54

Instrument :

BNA_M

LabSampleId :

SSTD00185

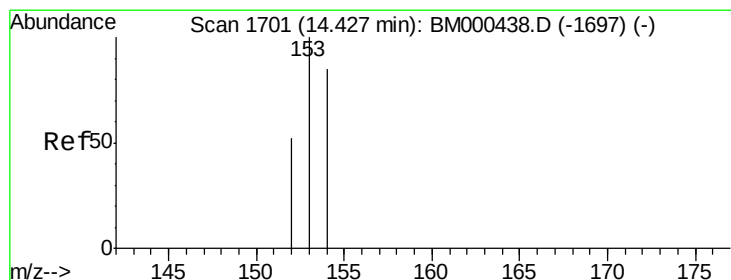
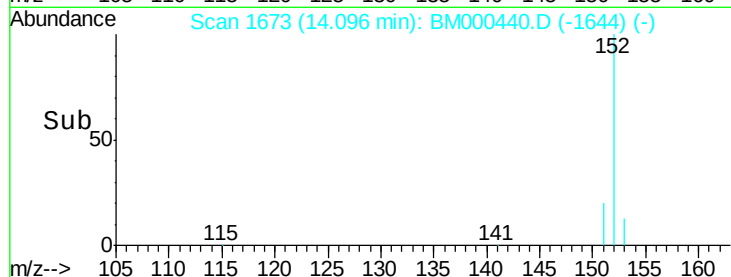
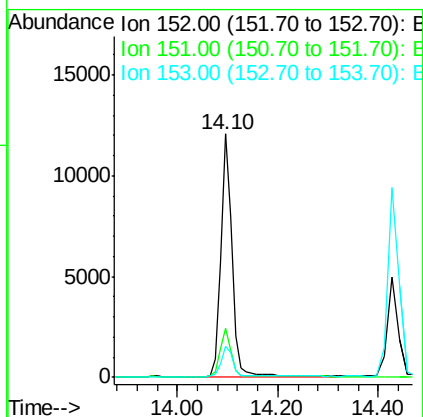
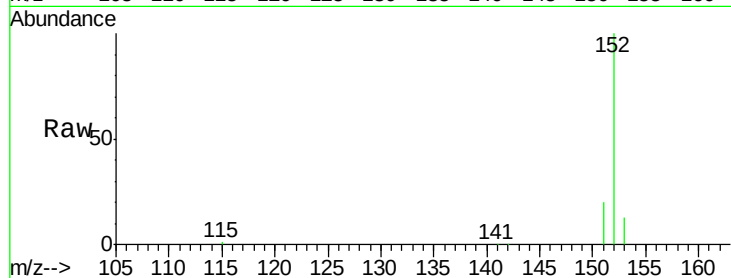
Tgt Ion:152 Resp: 19110

Ion Ratio Lower Upper

152 100

151 19.9 16.9 25.3

153 13.0 11.0 16.6



#8

Acenaphthene

Concen: 0.40 ng/ul

RT: 14.43 min Scan# 1701

Delta R.T. 0.00 min

Lab File: BM000440.D

Acq: 06 Feb 2015 18:54

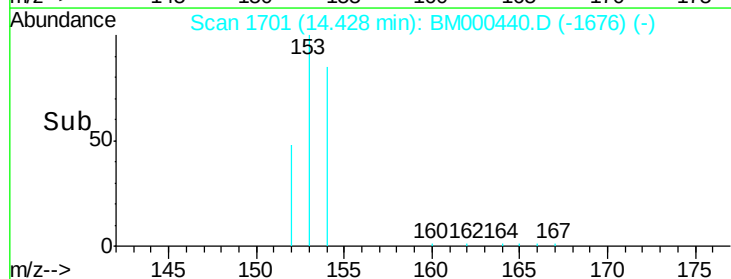
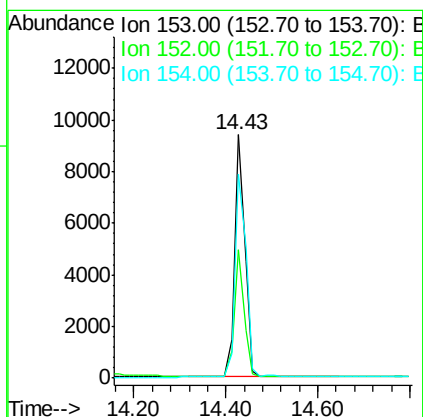
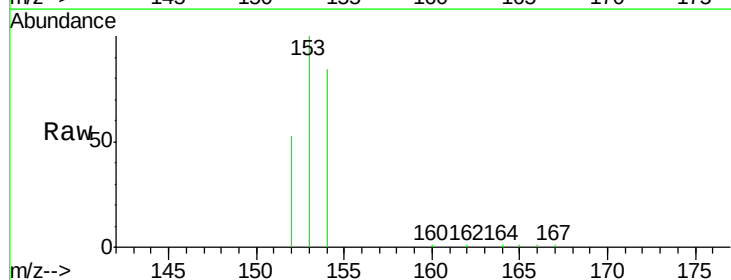
Tgt Ion:153 Resp: 14497

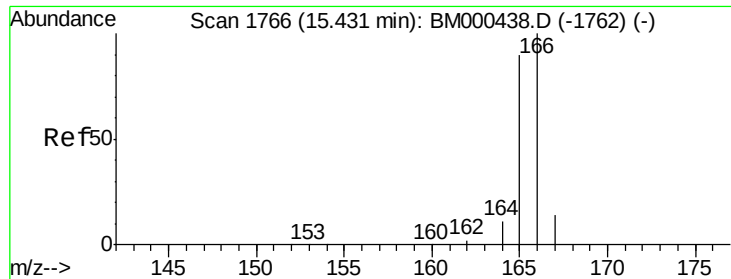
Ion Ratio Lower Upper

153 100

152 52.5 42.4 63.6

154 84.0 68.2 102.4

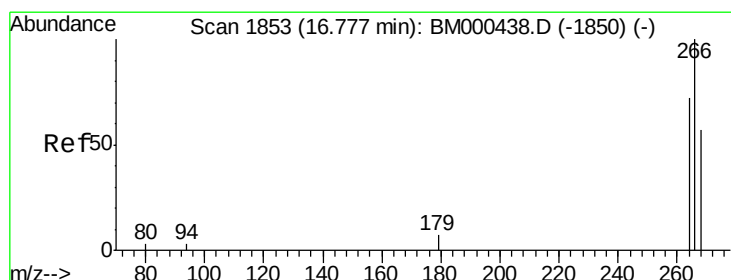
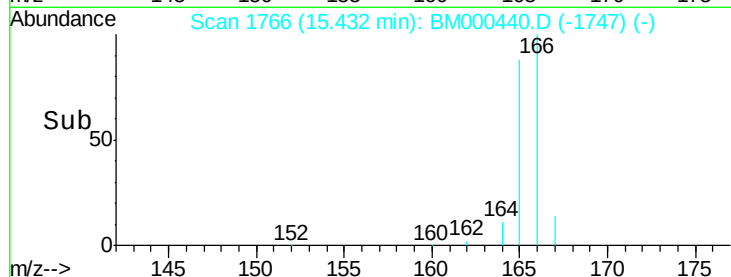
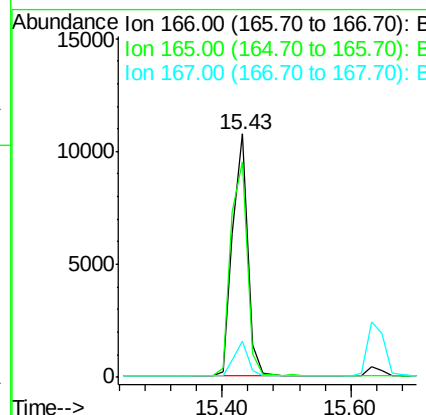
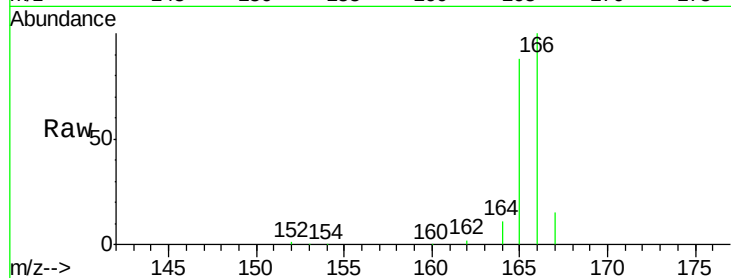




#9
Fluorene
 Concen: 1.35 ng/ul
 RT: 15.43 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BM000440.D
 Acq: 06 Feb 2015 18:54

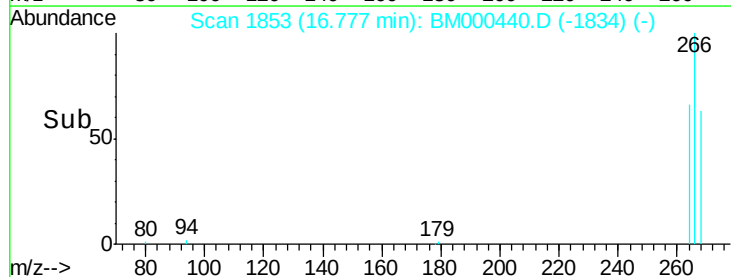
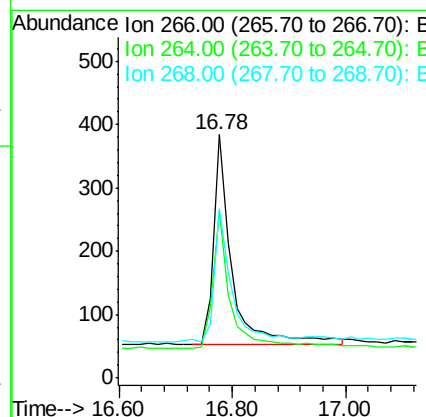
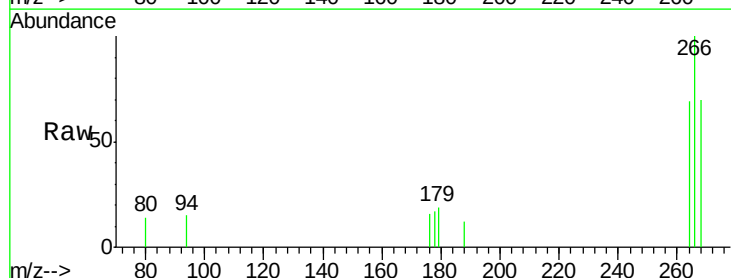
Instrument :
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 LabSampleId :
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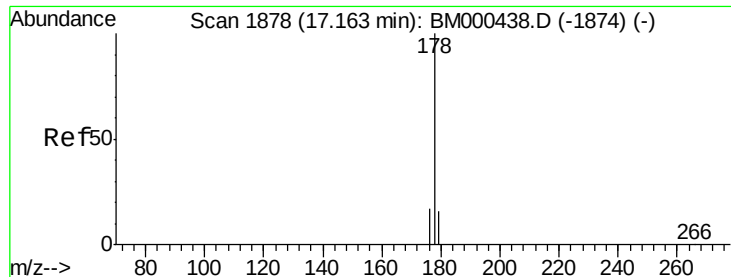
Tgt Ion:166 Resp: 17538
 Ion Ratio Lower Upper
 166 100
 165 88.3 72.6 108.8
 167 14.8 12.2 18.2



#11
Pentachlorophenol
 Concen: 1.92 ng/ul
 RT: 16.78 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BM000440.D
 Acq: 06 Feb 2015 18:54

Tgt Ion:266 Resp: 727
 Ion Ratio Lower Upper
 266 100
 264 64.8 0.0 0.0#
 268 63.3 0.0 0.0#





#12

Phenanthrene

Concen: 0.40 ng/ul

RT: 17.16 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BM000440.D

Acq: 06 Feb 2015 18:54

Instrument :

BNA_M

LabSampleId :

SSTD00185

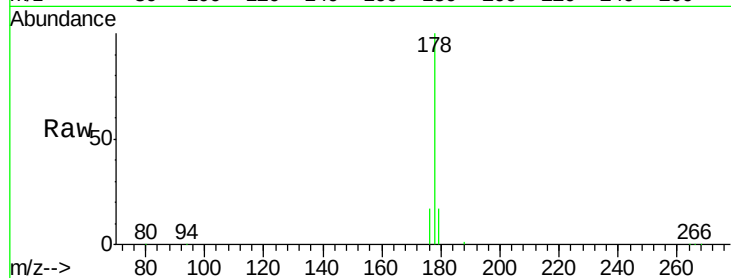
Tgt Ion:178 Resp: 27681

Ion Ratio Lower Upper

178 100

176 16.8 14.3 21.5

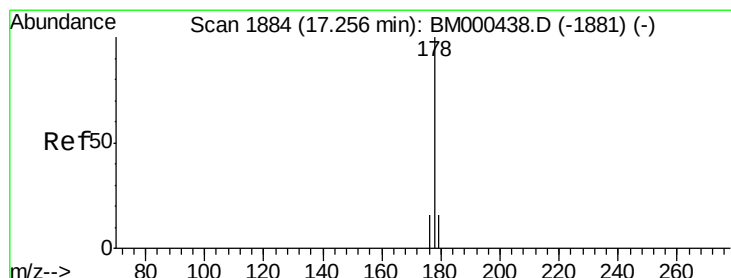
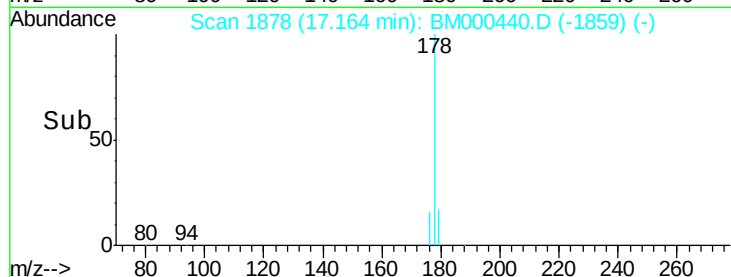
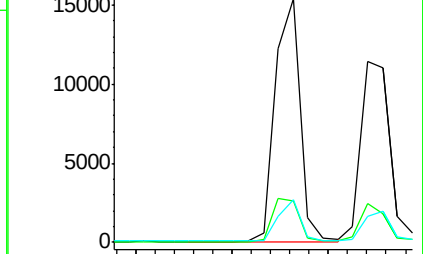
179 17.3 13.7 20.5



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: 0.42 ng/ul

RT: 17.16 min Scan# 1878

Delta R.T. -0.09 min

Lab File: BM000440.D

Acq: 06 Feb 2015 18:54

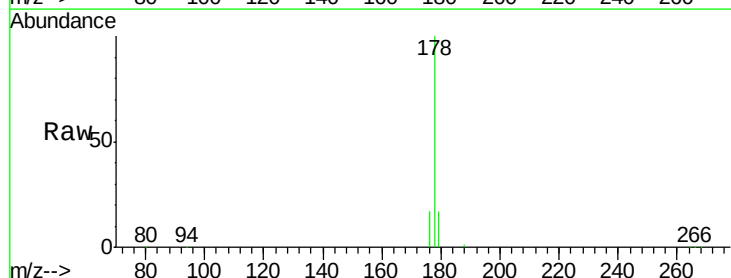
Tgt Ion:178 Resp: 27681

Ion Ratio Lower Upper

178 100

176 16.8 14.0 21.0

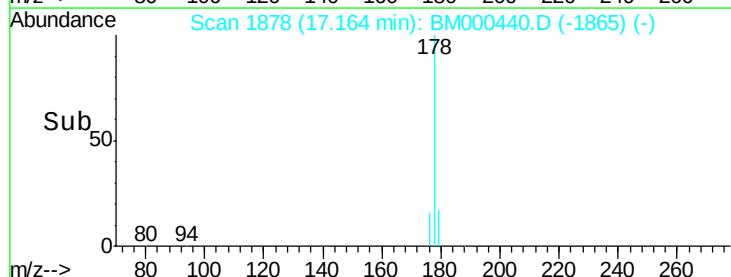
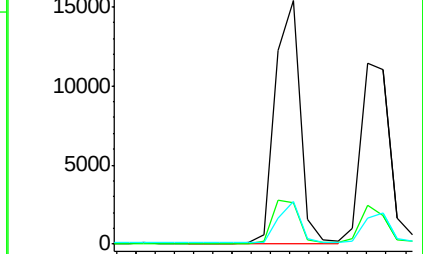
179 17.3 14.1 21.1

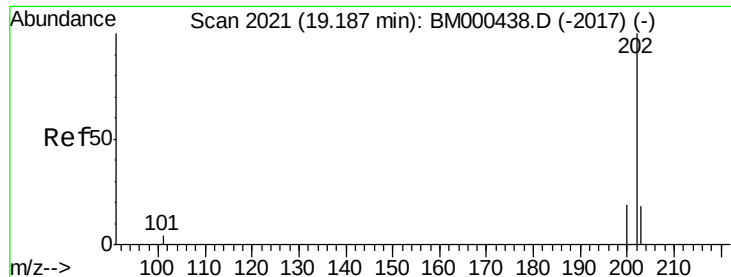


Abundance Ion 178.00 (177.70 to 178.70): E

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# 2021

Delta R.T. 0.00 min

Lab File: BM000440.D

Acq: 06 Feb 2015 18:54

Instrument :

BNA_M

LabSampleId :

SSTD00185

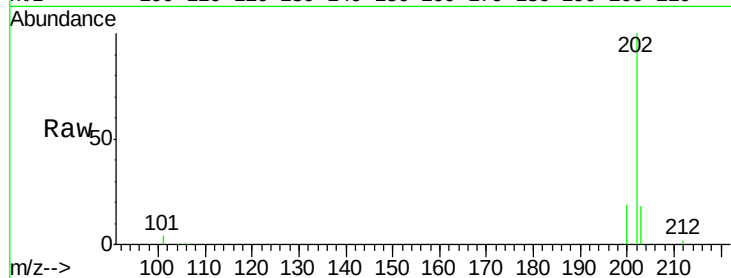
Tgt Ion:202 Resp: 31288

Ion Ratio Lower Upper

202 100

101 4.3 0.0 24.8

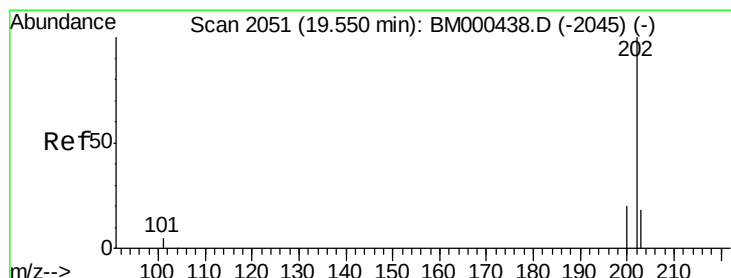
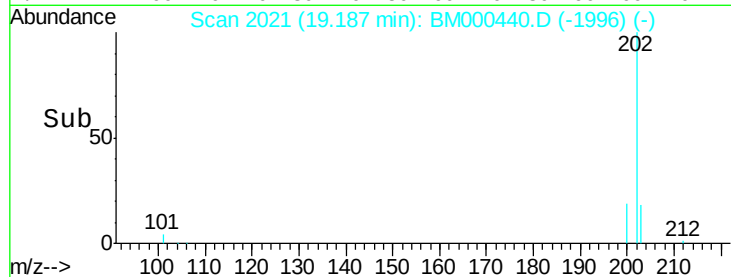
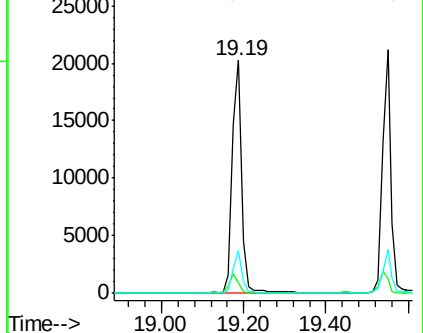
203 18.2 0.0 38.9



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: 0.51 ng/ul

RT: 19.55 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BM000440.D

Acq: 06 Feb 2015 18:54

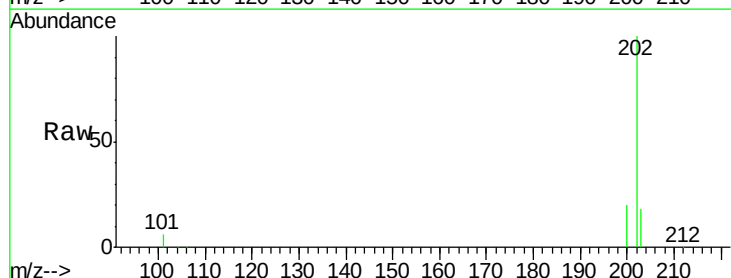
Tgt Ion:202 Resp: 31396

Ion Ratio Lower Upper

202 100

200 19.9 16.0 24.0

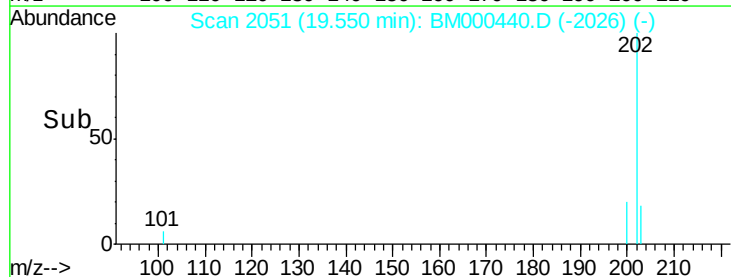
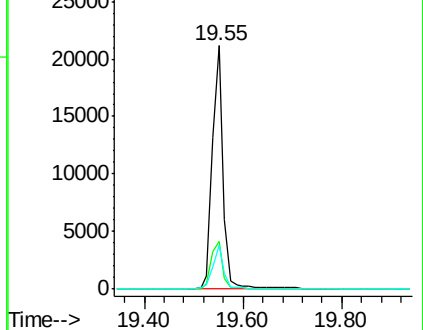
203 18.1 14.7 22.1

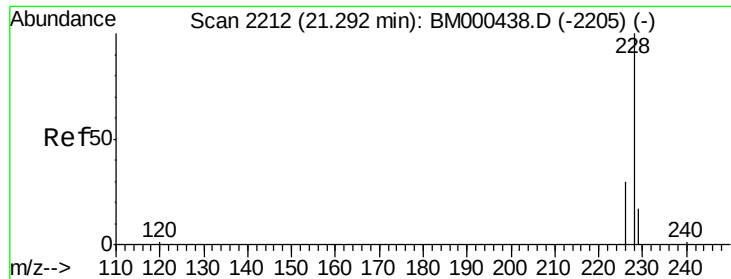


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2212

Delta R.T. 0.00 min

Lab File: BM000440.D

Acq: 06 Feb 2015 18:54

Instrument :

BNA_M

LabSampleId :

SSTD00185

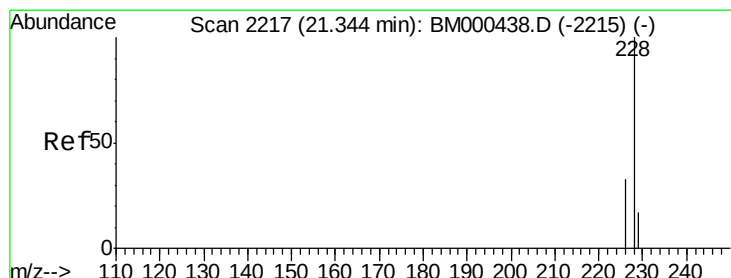
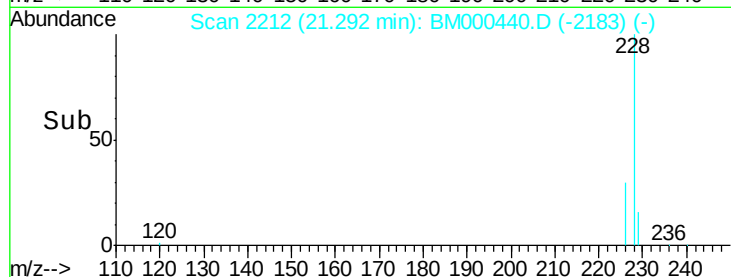
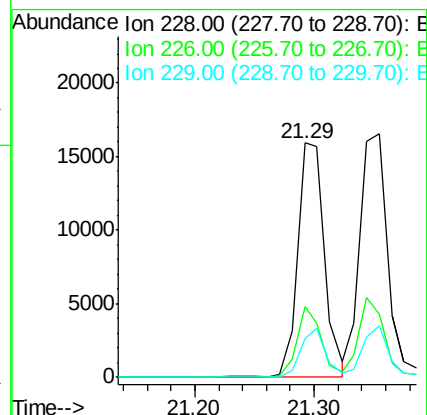
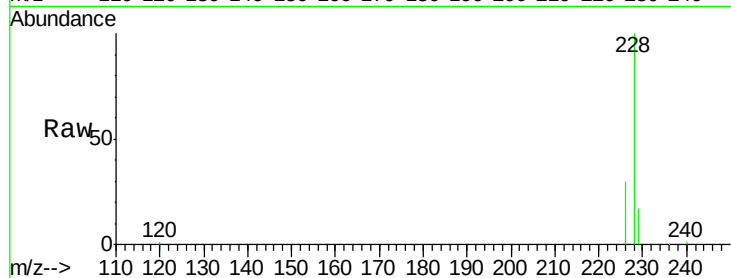
Tgt Ion:228 Resp: 24713

Ion Ratio Lower Upper

228 100

226 30.3 24.6 36.8

229 16.7 14.3 21.5



#19

Chrysene

Concen: 0.42 ng/ul

RT: 21.29 min Scan# 2212

Delta R.T. -0.05 min

Lab File: BM000440.D

Acq: 06 Feb 2015 18:54

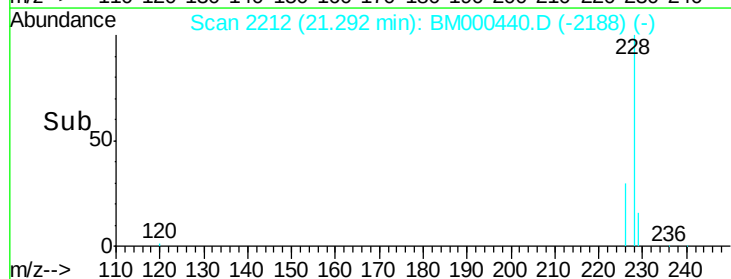
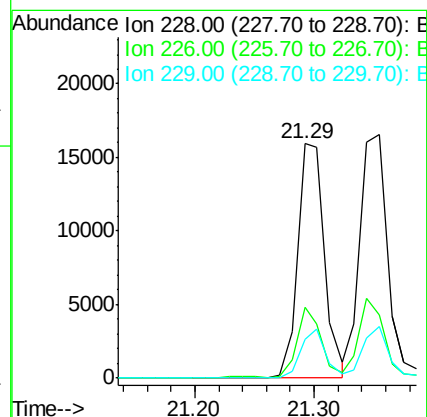
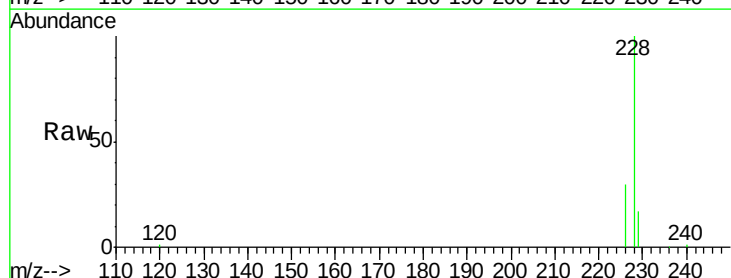
Tgt Ion:228 Resp: 24713

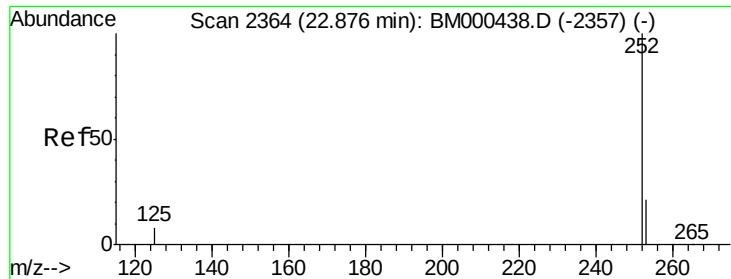
Ion Ratio Lower Upper

228 100

226 30.3 26.4 39.6

229 16.7 14.4 21.6

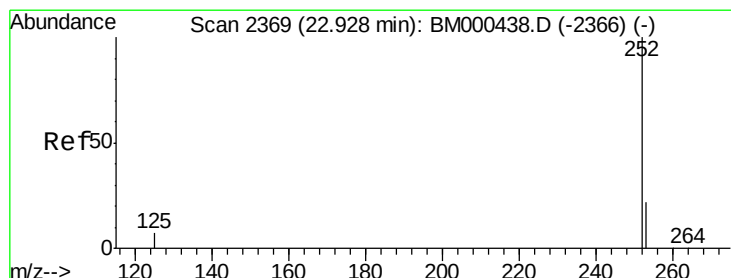
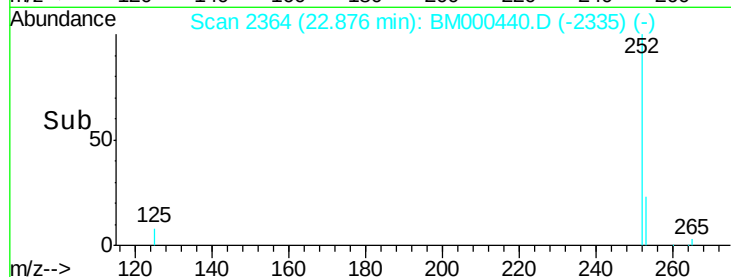
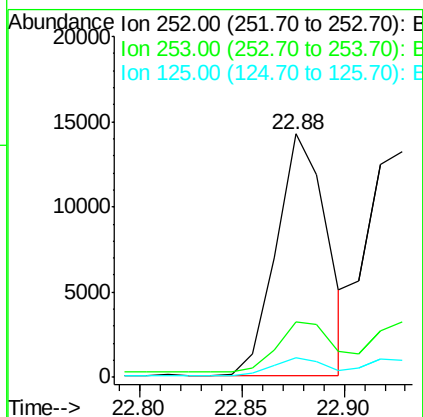
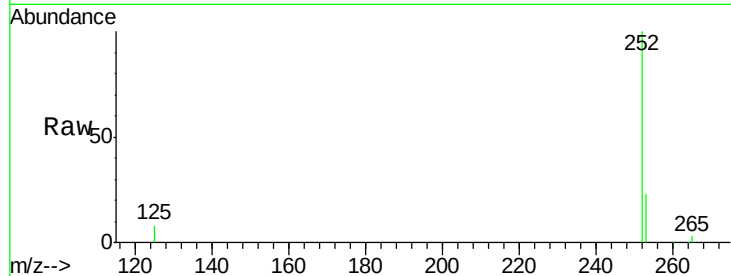




#21
Benzo(b)fluoranthene
Concen: 0.20 ng/ul
RT: 22.88 min Scan# 2364
Delta R.T. 0.00 min
Lab File: BM000440.D
Acq: 06 Feb 2015 18:54

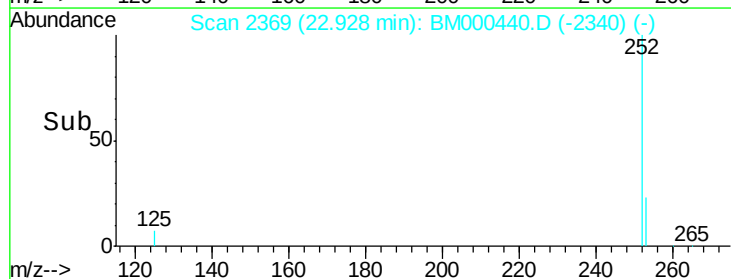
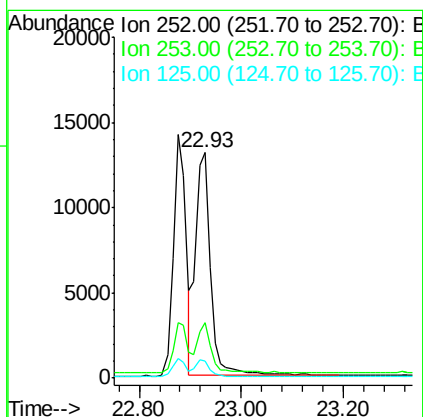
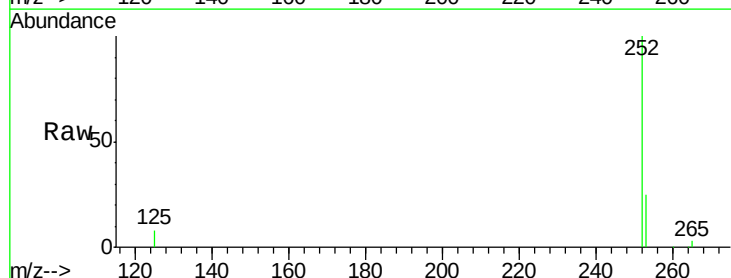
Instrument :
BNA_M
LabSampleId :
SSTD00185

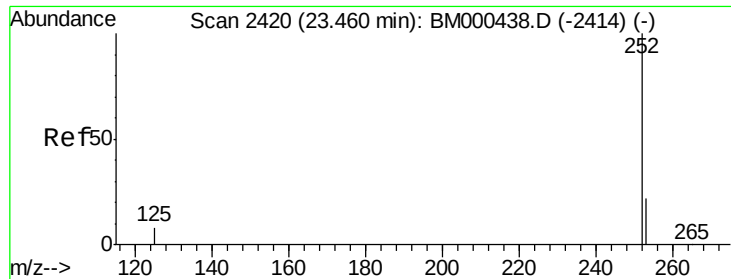
Tgt Ion:252 Resp: 24493
Ion Ratio Lower Upper
252 100
253 22.8 0.0 51.2
125 8.3 0.0 19.2



#22
Benzo(k)fluoranthene
Concen: 0.21 ng/ul
RT: 22.93 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BM000440.D
Acq: 06 Feb 2015 18:54

Tgt Ion:252 Resp: 26652
Ion Ratio Lower Upper
252 100
253 24.8 22.6 34.0
125 7.6 7.0 10.6





#23

Benzo(a)pyrene

Concen: 0.21 ng/ul

RT: 23.46 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BM000440.D

Acq: 06 Feb 2015 18:54

Instrument :

BNA_M

LabSampleId :

SSTD00185

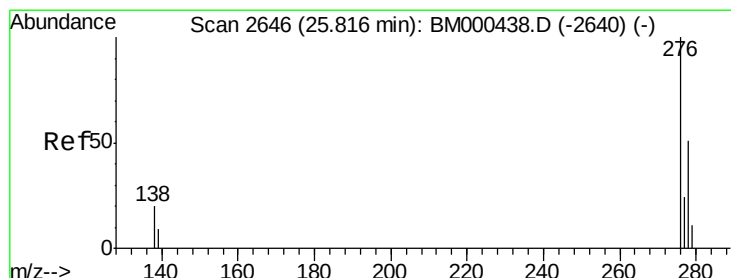
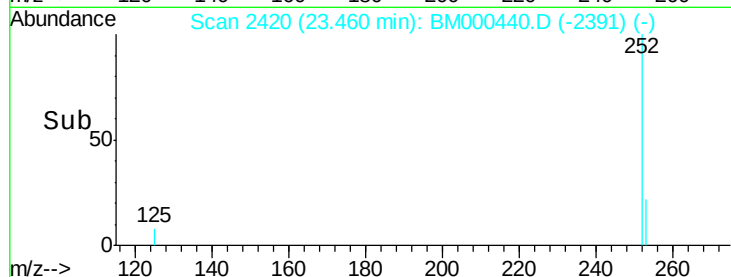
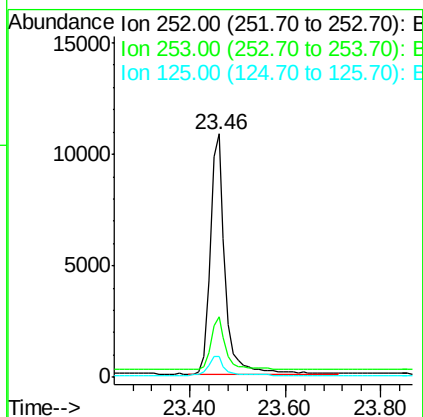
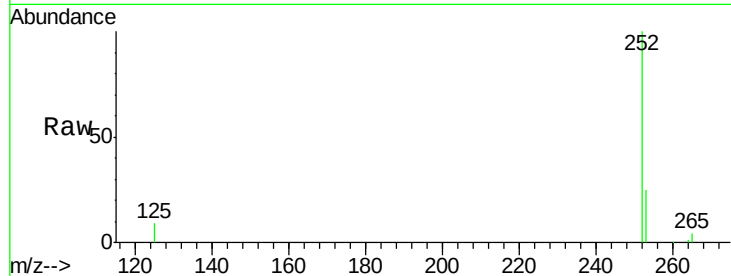
Tgt Ion: 252 Resp: 23485

Ion Ratio Lower Upper

252 100

253 24.9 24.2 36.4

125 8.6 7.8 11.8



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.59 ng/ul

RT: 25.82 min Scan# 2646

Delta R.T. 0.00 min

Lab File: BM000440.D

Acq: 06 Feb 2015 18:54

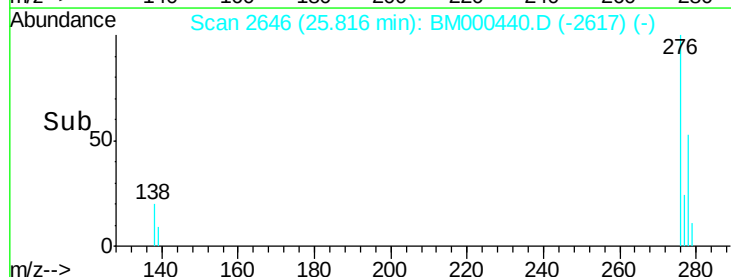
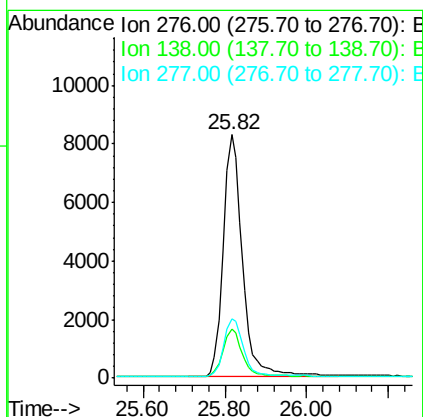
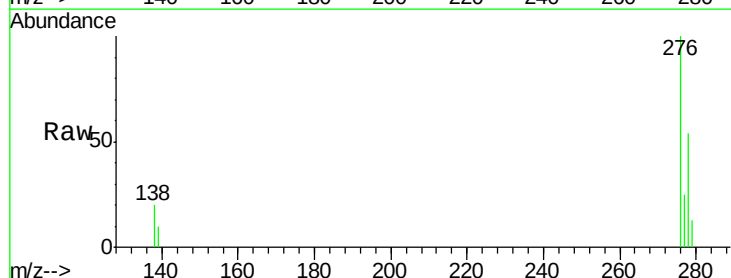
Tgt Ion: 276 Resp: 27190

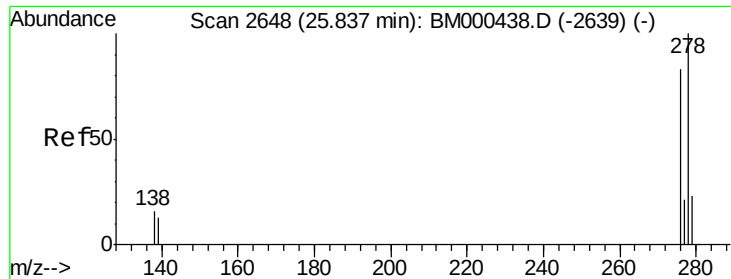
Ion Ratio Lower Upper

276 100

138 19.6 0.1 0.1#

277 24.9 0.0 0.0#





#25

Dibenzo(a,h)anthracene

Concen: 1.53 ng/ul

RT: 25.84 min Scan# 2648

Delta R.T. 0.00 min

Lab File: BM000440.D

Acq: 06 Feb 2015 18:54

Instrument :

BNA_M

LabSampleId :

SSTD00185

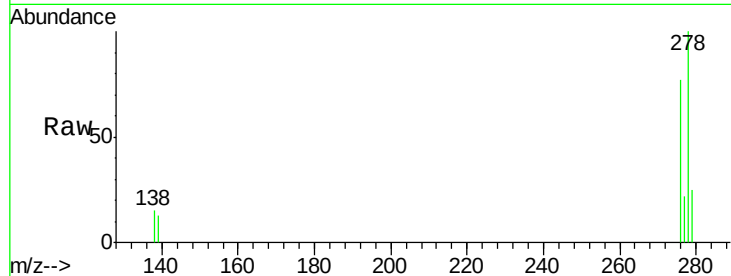
Tgt Ion: 278 Resp: 21904

Ion Ratio Lower Upper

278 100

139 13.3 11.8 17.8

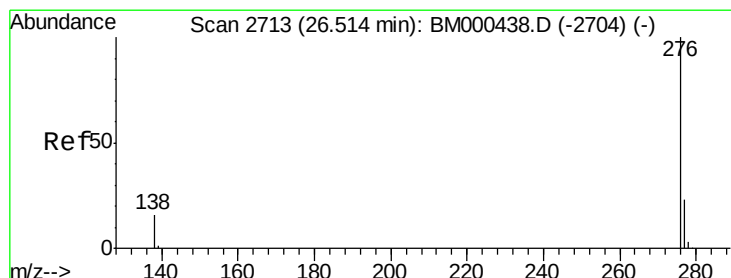
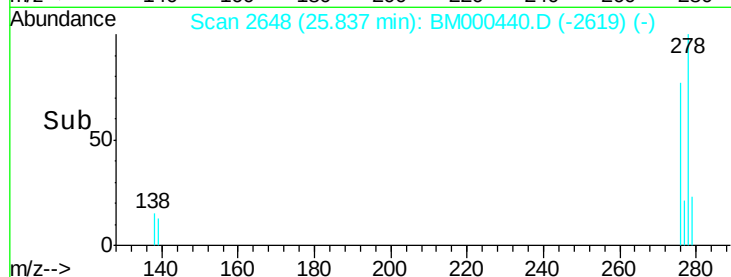
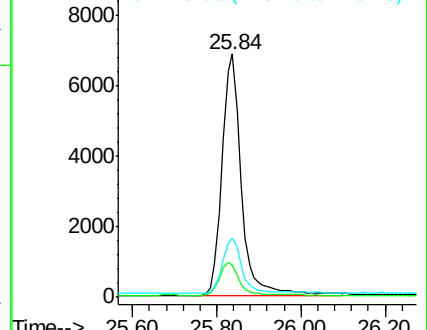
279 24.6 21.8 32.8



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: 0.47 ng/ul

RT: 26.51 min Scan# 2713

Delta R.T. 0.00 min

Lab File: BM000440.D

Acq: 06 Feb 2015 18:54

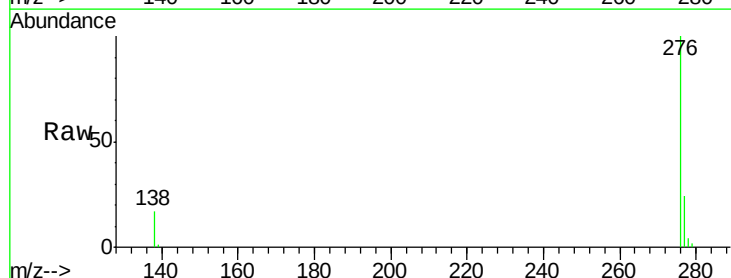
Tgt Ion: 276 Resp: 23462

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 17.0 14.1 21.1



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

