

Data Path : Z:\HPCHEM1\BNA_M\Data\BM020515\
 Data File : BM000434.D
 Acq On : 05 Feb 2015 19:37
 Operator : TP/IZ
 Sample : SSTD0.480
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC0.4EC

Quant Time: Feb 06 06:40:25 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM020515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 05 14:01:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2271	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	7477	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4741	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	9480	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	7961	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	6997	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	3869	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	7754	0.38	ng/ul	0.00

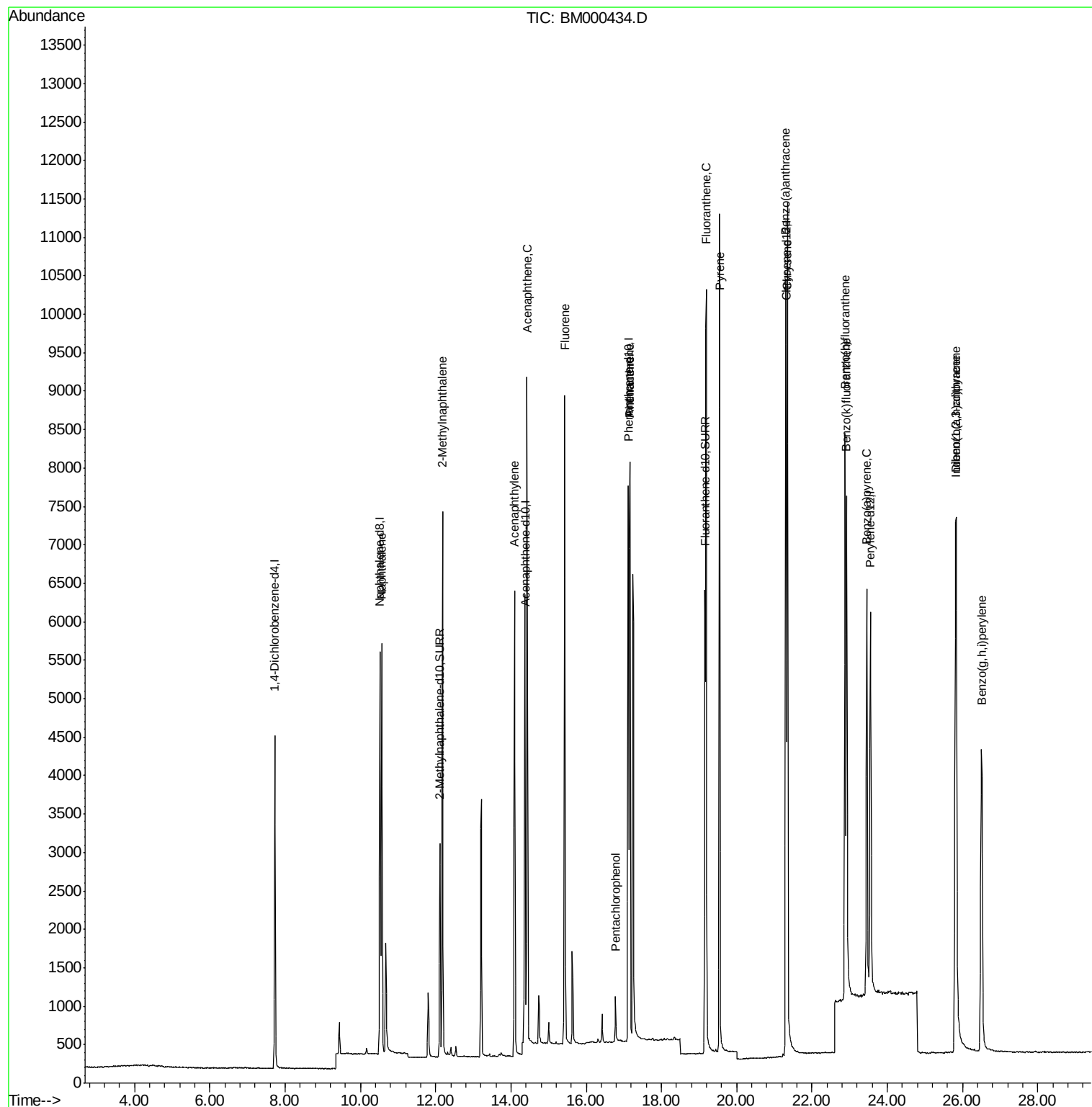
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	7297	0.38	ng/ul	100
5) 2-Methylnaphthalene	12.18	142	5052	0.38	ng/ul	98
7) Acenaphthylene	14.10	152	7258	0.37	ng/ul	99
8) Acenaphthene	14.43	153	5523	0.38	ng/ul	99
9) Fluorene	15.43	166	6616	0.38	ng/ul	100
11) Pentachlorophenol	16.78	266	509	0.23	ng/ul	97
12) Phenanthrene	17.16	178	10381	0.38	ng/ul	100
13) Anthracene	17.16	178	10381	0.42	ng/ul	99
15) Fluoranthene	19.19	202	11670	0.38	ng/ul	99
17) Pyrene	19.55	202	11810	0.39	ng/ul	98
18) Benzo(a)anthracene	21.29	228	9346	0.37	ng/ul	97
19) Chrysene	21.34	228	10835	0.40	ng/ul	99
21) Benzo(b)fluoranthene	22.88	252	9540	0.37	ng/ul	99
22) Benzo(k)fluoranthene	22.92	252	10125	0.41	ng/ul	95
23) Benzo(a)pyrene	23.45	252	9088	0.38	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.82	276	10335	0.39	ng/ul	99
25) Dibenzo(a,h)anthracene	25.83	278	8267	0.39	ng/ul	96
26) Benzo(g,h,i)perylene	26.50	276	9073	0.39	ng/ul	98

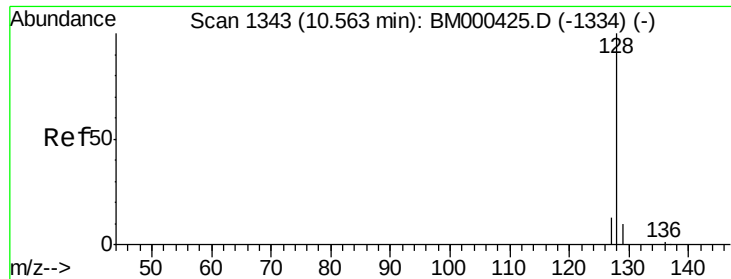
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.38 ng/ul

RT: 10.56 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BM000434.D

Acq: 05 Feb 2015 19:37

Instrument :

BNA_M

LabSampleId :

SSTDCCC0.4EC

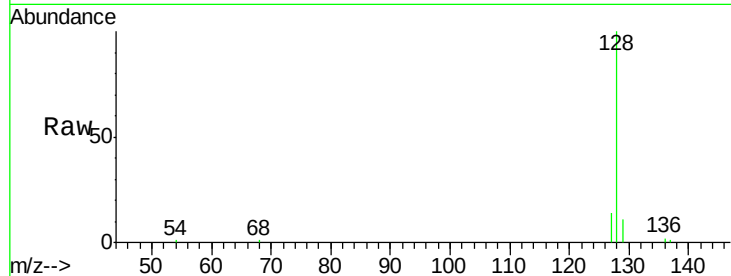
Tgt Ion:128 Resp: 7297

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

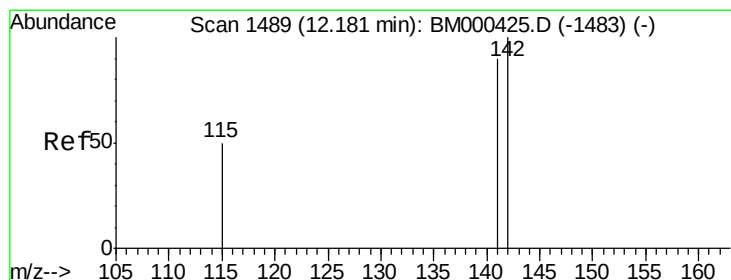
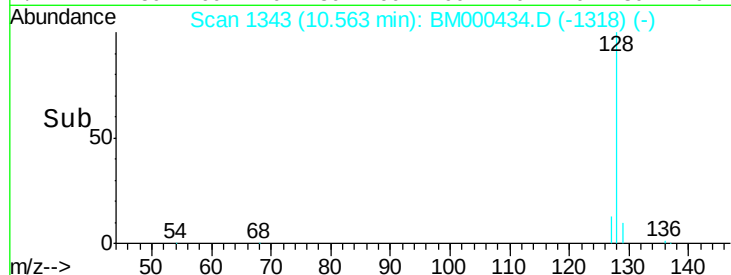
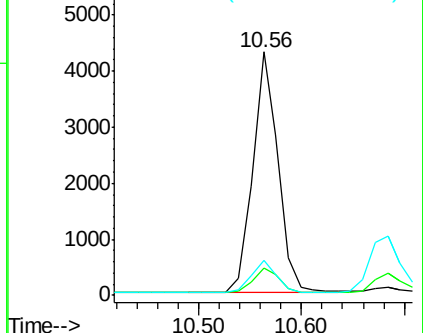
127 14.1 11.4 17.0



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: 0.38 ng/ul

RT: 12.18 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BM000434.D

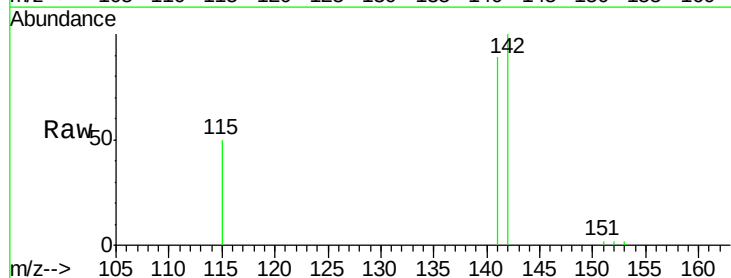
Acq: 05 Feb 2015 19:37

Tgt Ion:142 Resp: 5052

Ion Ratio Lower Upper

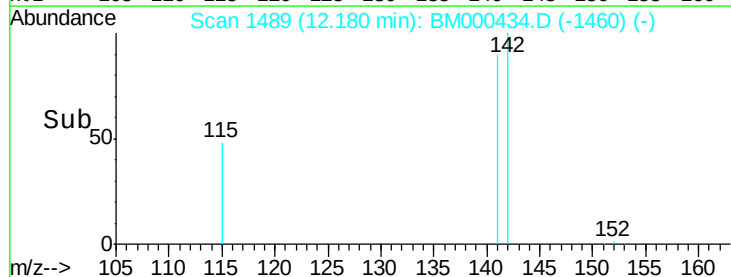
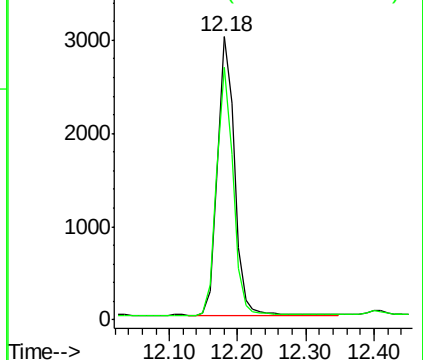
142 100

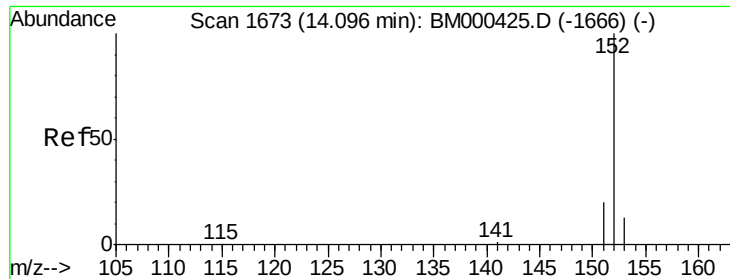
141 86.8 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.37 ng/ul

RT: 14.10 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BM000434.D

Acq: 05 Feb 2015 19:37

Instrument :

BNA_M

LabSampleId :

SSTDCCC0.4EC

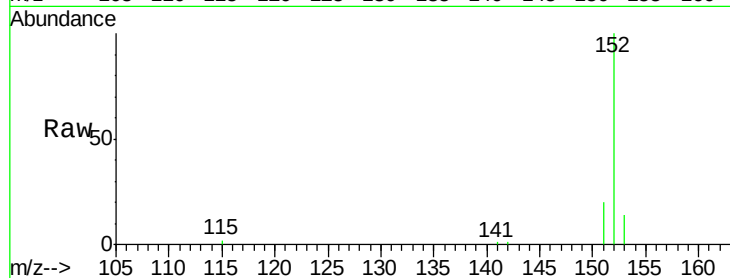
Tgt Ion:152 Resp: 7258

Ion Ratio Lower Upper

152 100

151 20.2 16.6 25.0

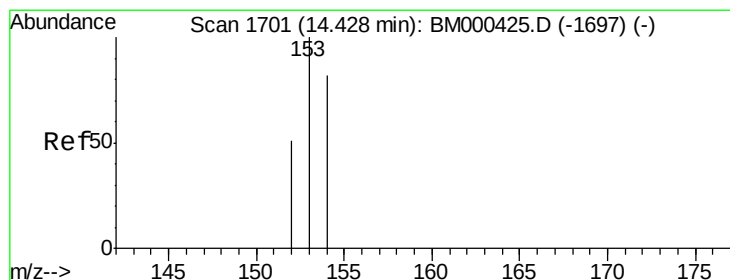
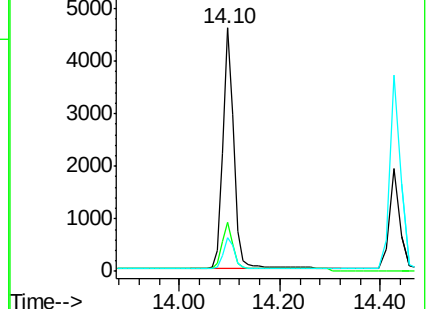
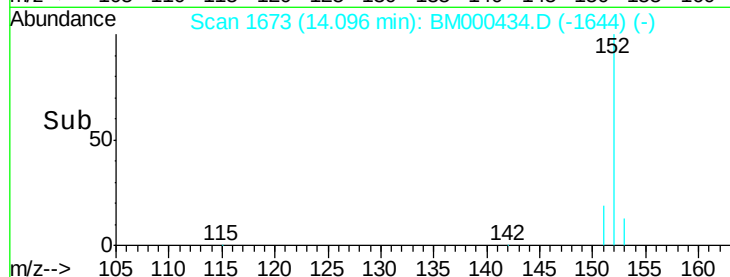
153 13.6 11.2 16.8



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: 0.38 ng/ul

RT: 14.43 min Scan# 1701

Delta R.T. -0.00 min

Lab File: BM000434.D

Acq: 05 Feb 2015 19:37

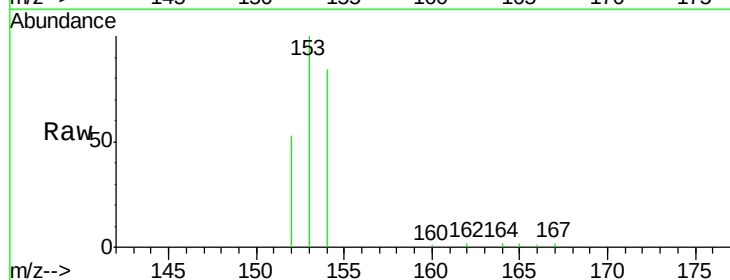
Tgt Ion:153 Resp: 5523

Ion Ratio Lower Upper

153 100

152 52.8 41.8 62.8

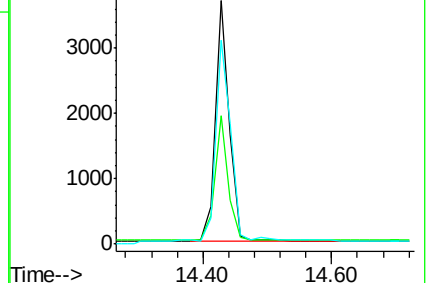
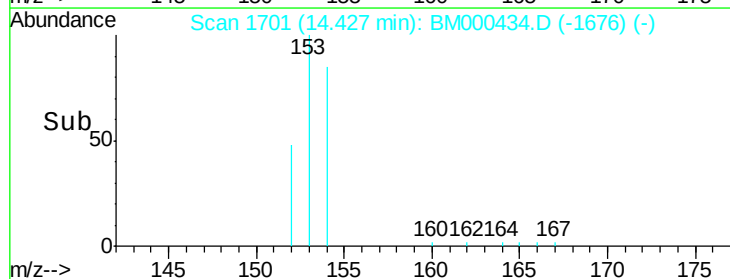
154 83.7 65.6 98.4

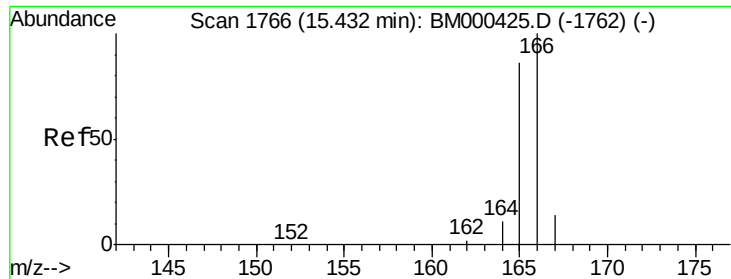


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

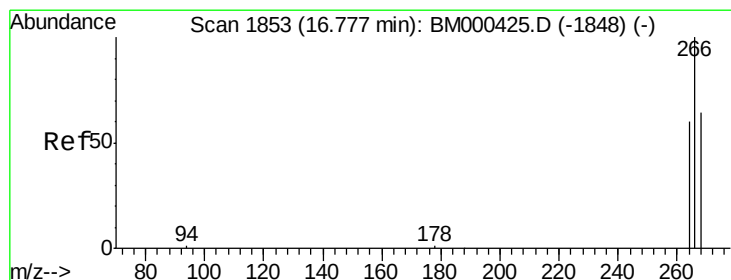
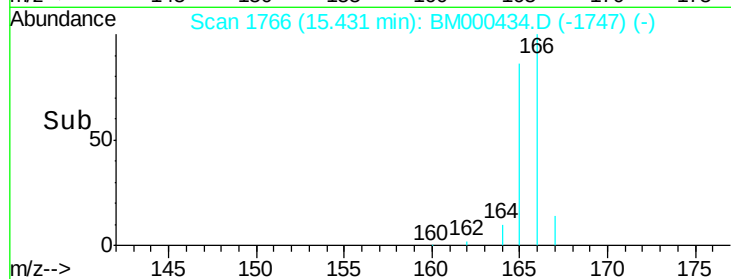
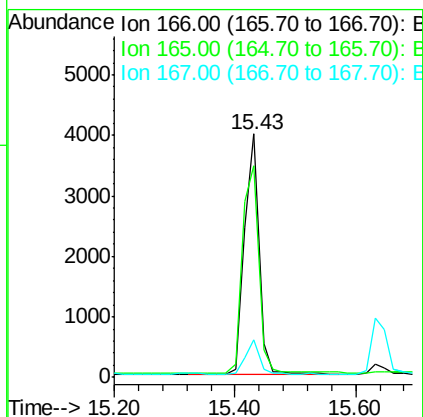
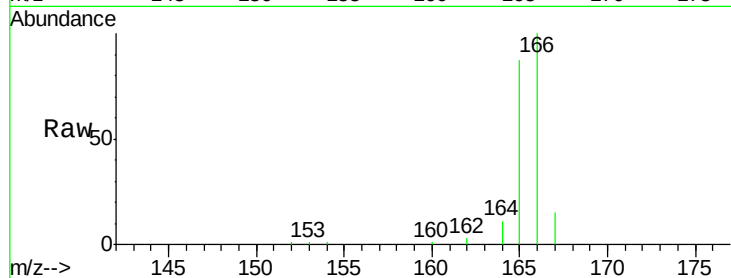




#9
 Fluorene
 Concen: 0.38 ng/ul
 RT: 15.43 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BM000434.D
 Acq: 05 Feb 2015 19:37

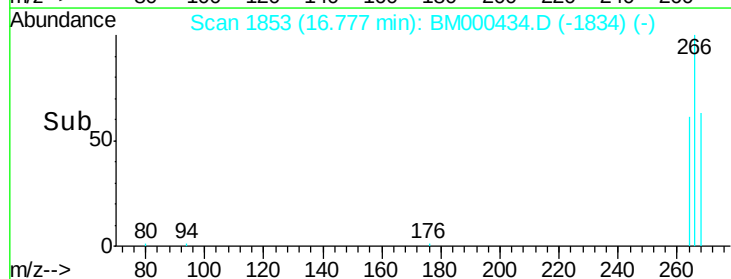
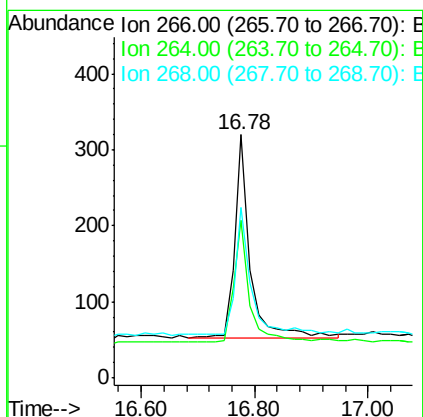
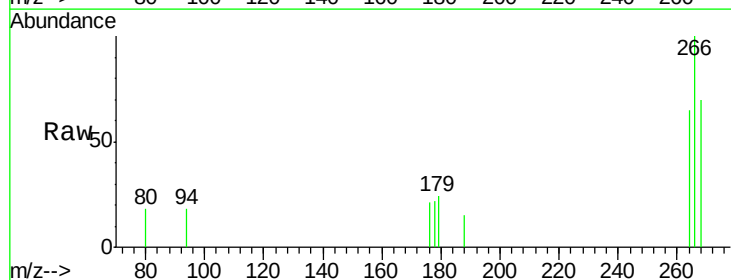
Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC0.4EC

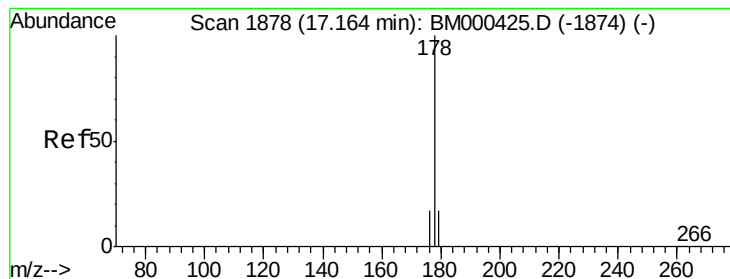
Tgt Ion:166 Resp: 6616
 Ion Ratio Lower Upper
 166 100
 165 87.1 69.4 104.0
 167 15.5 12.4 18.6



#11
 Pentachlorophenol
 Concen: 0.23 ng/ul
 RT: 16.78 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BM000434.D
 Acq: 05 Feb 2015 19:37

Tgt Ion:266 Resp: 509
 Ion Ratio Lower Upper
 266 100
 264 60.7 49.8 74.8
 268 64.4 49.4 74.0





#12

Phenanthrene

Concen: 0.38 ng/ul

RT: 17.16 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BM000434.D

Acq: 05 Feb 2015 19:37

Instrument :

BNA_M

LabSampleId :

SSTDCCC0.4EC

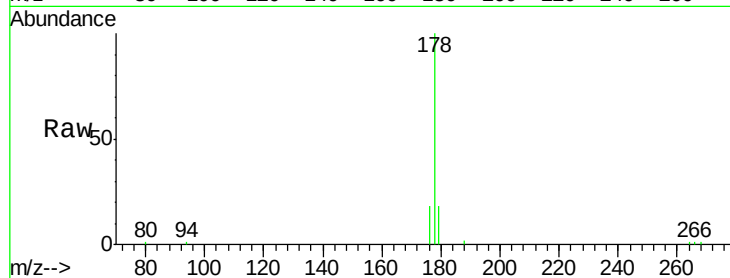
Tgt Ion:178 Resp: 10381

Ion Ratio Lower Upper

178 100

176 17.7 14.3 21.5

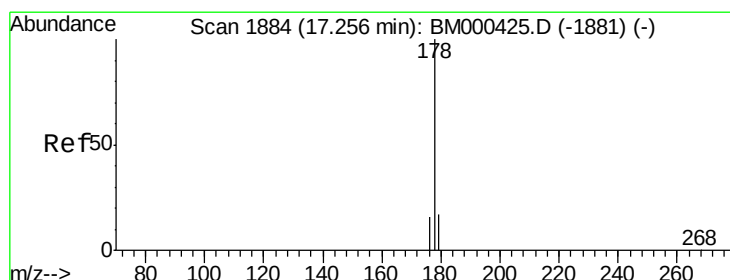
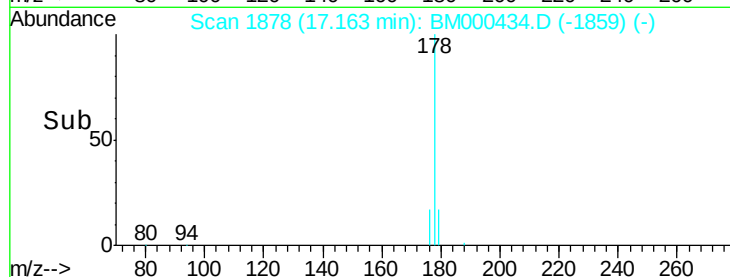
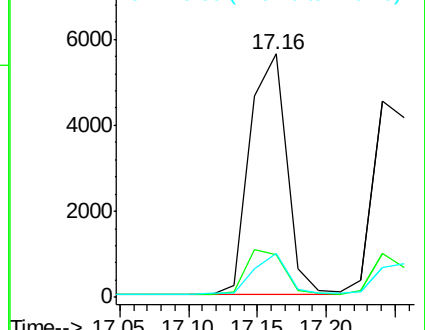
179 18.1 14.4 21.6



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: BM000434.D

Acq: 05 Feb 2015 19:37

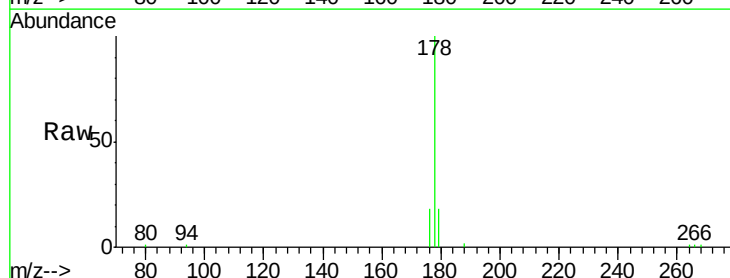
Tgt Ion:178 Resp: 10381

Ion Ratio Lower Upper

178 100

176 17.7 13.8 20.8

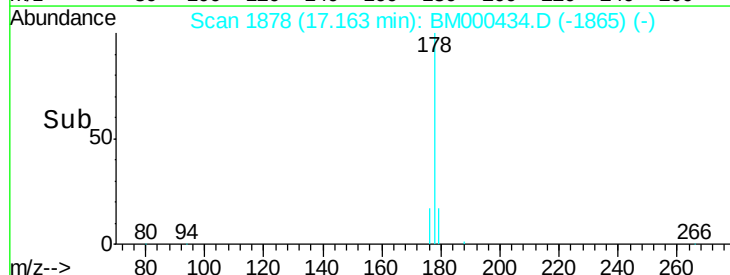
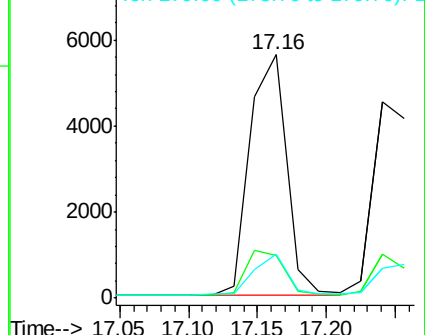
179 18.1 14.8 22.2

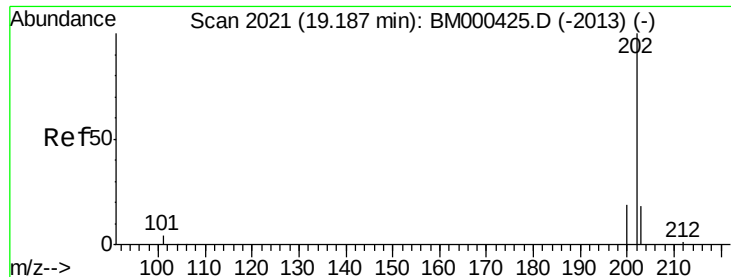


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

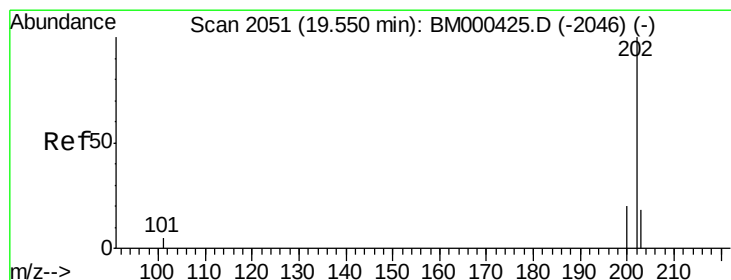
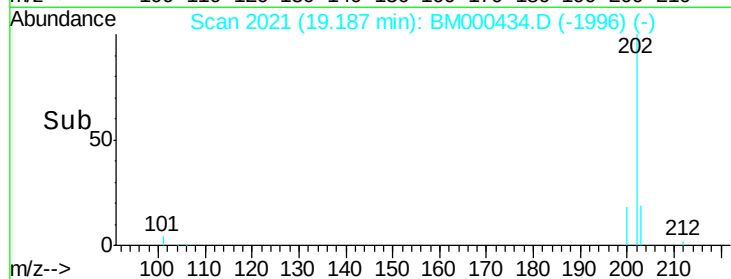
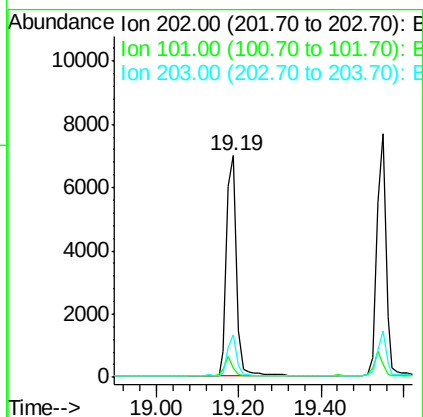
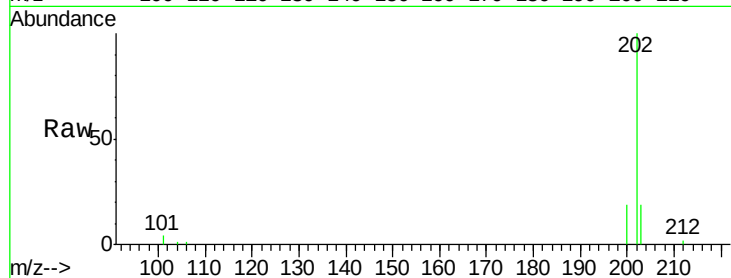




#15
Fluoranthene
Concen: 0.38 ng/ul
RT: 19.19 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BM000434.D
Acq: 05 Feb 2015 19:37

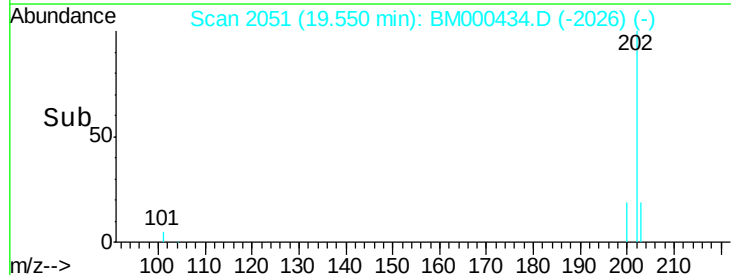
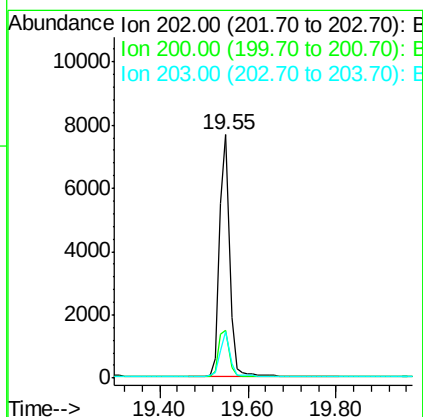
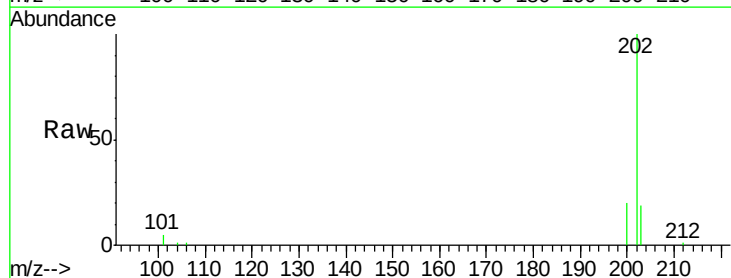
Instrument :
BNA_M
LabSampleId :
SSTDCCC0.4EC

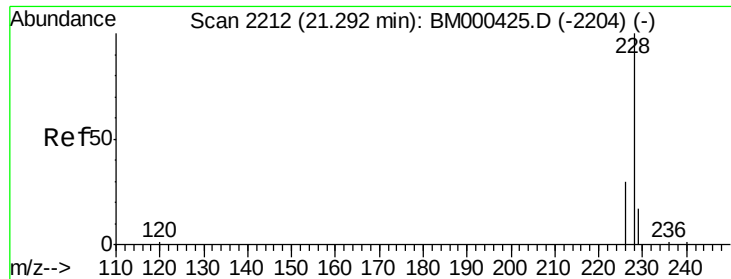
Tgt Ion:202 Resp: 11670
Ion Ratio Lower Upper
202 100
101 4.5 0.0 24.6
203 19.4 0.0 38.9



#17
Pyrene
Concen: 0.39 ng/ul
RT: 19.55 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BM000434.D
Acq: 05 Feb 2015 19:37

Tgt Ion:202 Resp: 11810
Ion Ratio Lower Upper
202 100
200 19.8 16.3 24.5
203 19.1 14.7 22.1





#18

Benzo(a)anthracene

Concen: 0.37 ng/ul

RT: 21.29 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BM000434.D

Acq: 05 Feb 2015 19:37

Instrument :

BNA_M

LabSampleId :

SSTDCCC0.4EC

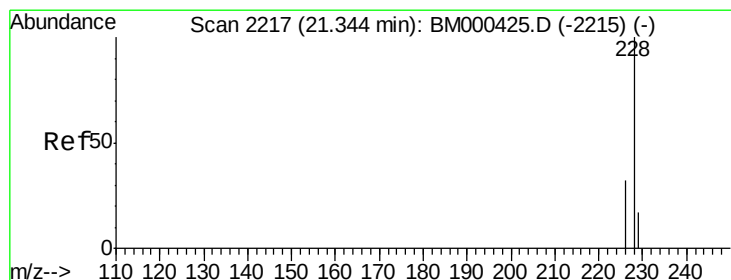
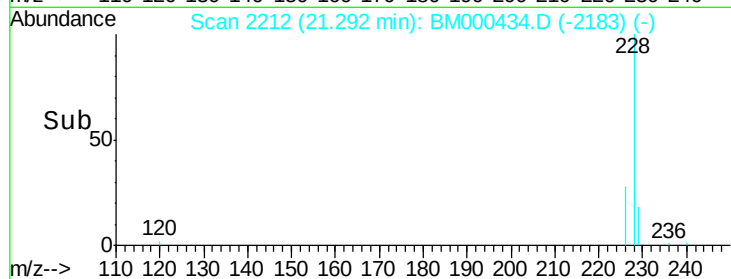
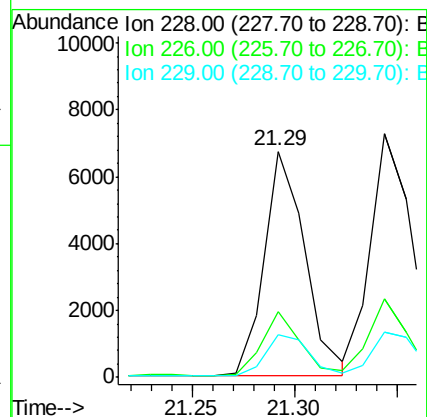
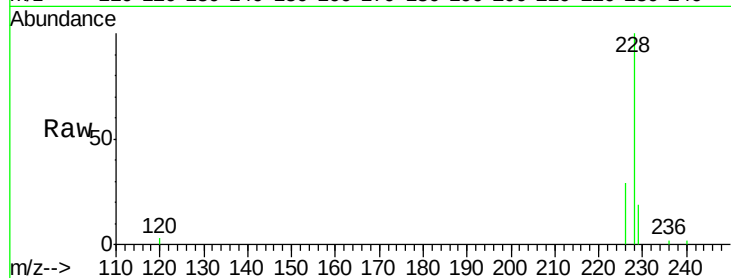
Tgt Ion:228 Resp: 9346

Ion Ratio Lower Upper

228 100

226 29.0 24.5 36.7

229 18.8 14.0 21.0



#19

Chrysene

Concen: 0.40 ng/ul

RT: 21.34 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BM000434.D

Acq: 05 Feb 2015 19:37

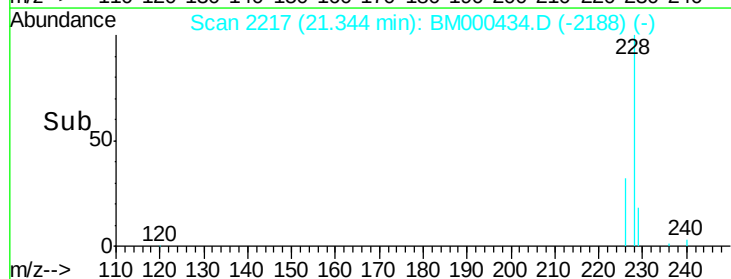
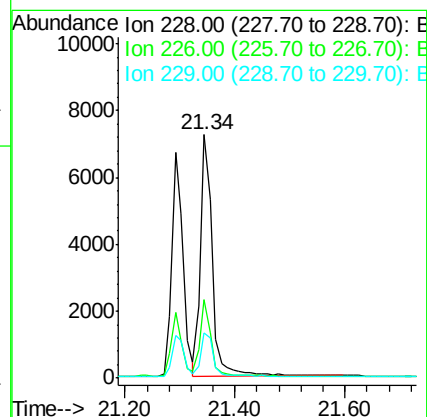
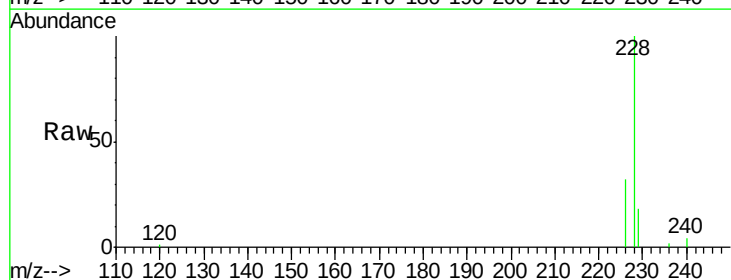
Tgt Ion:228 Resp: 10835

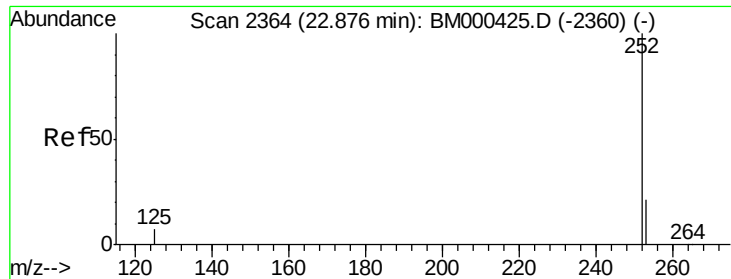
Ion Ratio Lower Upper

228 100

226 32.1 26.2 39.4

229 18.4 14.6 22.0





#21

Benzo(b)fluoranthene

Concen: 0.37 ng/ul

RT: 22.88 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BM000434.D

Acq: 05 Feb 2015 19:37

Instrument :

BNA_M

LabSampleId :

SSTDCCC0.4EC

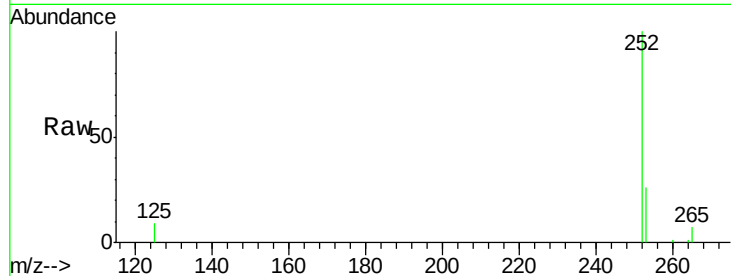
Tgt Ion:252 Resp: 9540

Ion Ratio Lower Upper

252 100

253 26.1 0.0 53.8

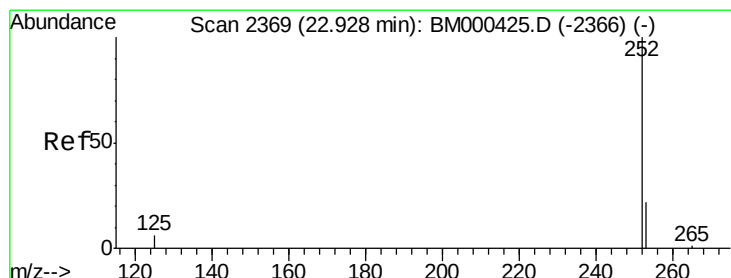
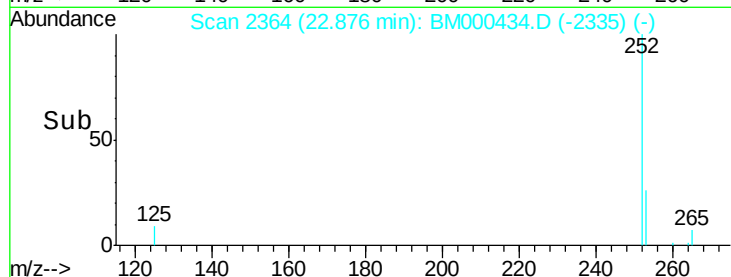
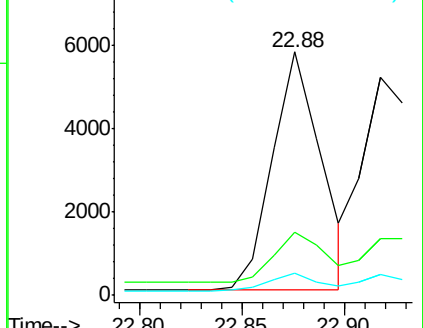
125 9.0 0.0 18.0



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: 0.41 ng/ul

RT: 22.92 min Scan# 2368

Delta R.T. -0.01 min

Lab File: BM000434.D

Acq: 05 Feb 2015 19:37

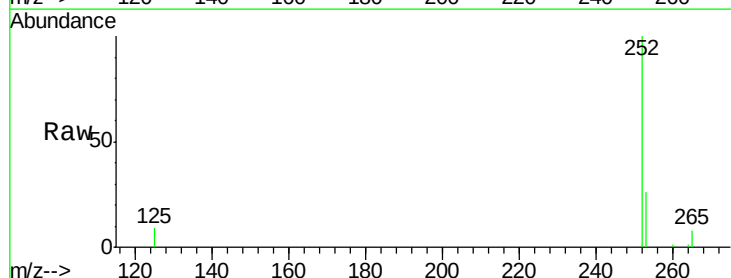
Tgt Ion:252 Resp: 10125

Ion Ratio Lower Upper

252 100

253 26.2 23.3 34.9

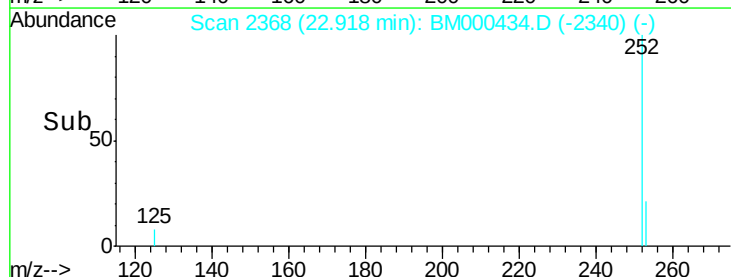
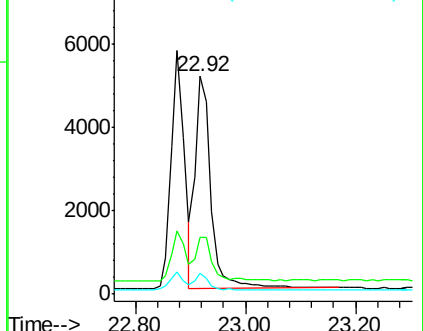
125 9.3 6.2 9.4

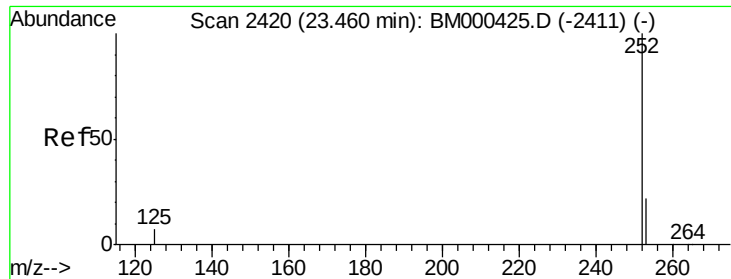


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.38 ng/ul

RT: 23.45 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM000434.D

Acq: 05 Feb 2015 19:37

Instrument :

BNA_M

LabSampleId :

SSTDCCC0.4EC

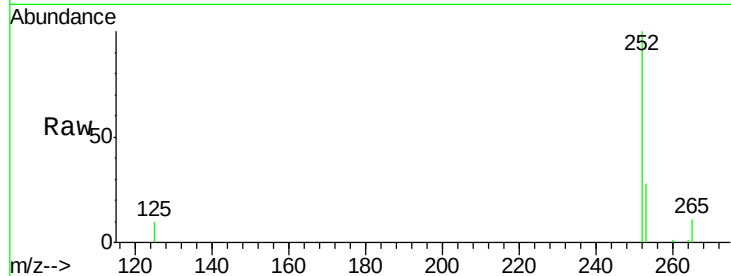
Tgt Ion:252 Resp: 9088

Ion Ratio Lower Upper

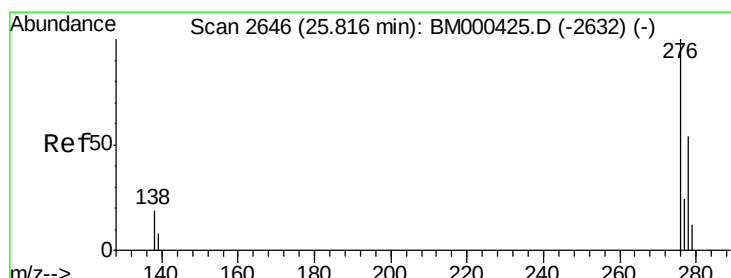
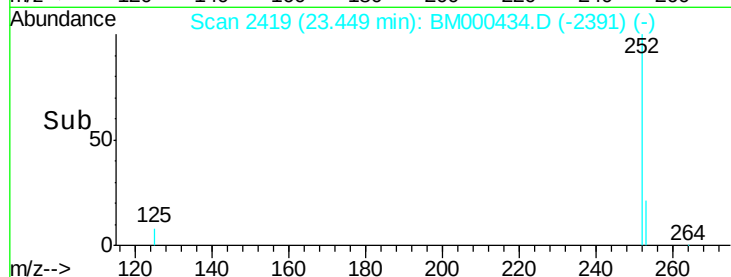
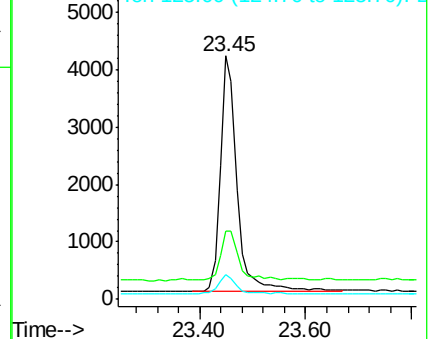
252 100

253 28.2 24.0 36.0

125 10.2 7.4 11.0



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.39 ng/ul

RT: 25.82 min Scan# 2646

Delta R.T. -0.00 min

Lab File: BM000434.D

Acq: 05 Feb 2015 19:37

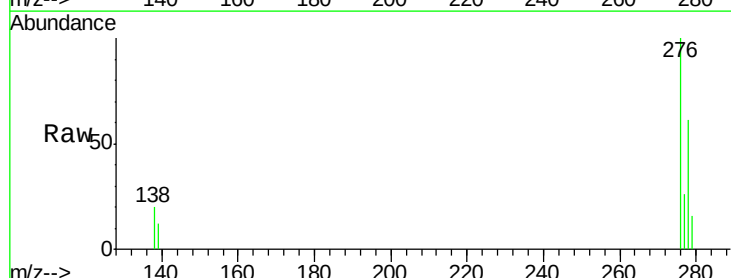
Tgt Ion:276 Resp: 10335

Ion Ratio Lower Upper

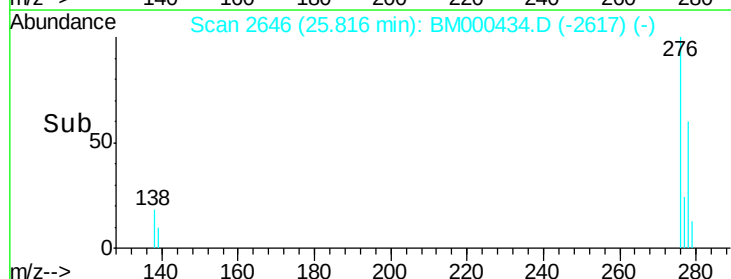
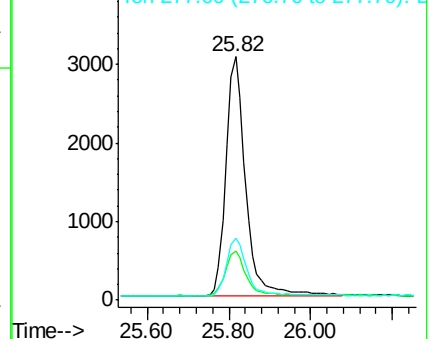
276 100

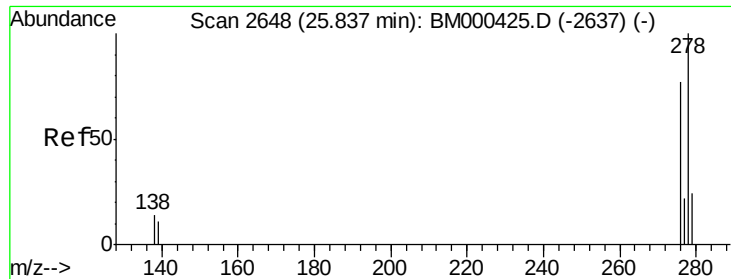
138 19.3 15.0 22.4

277 24.6 19.8 29.8



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



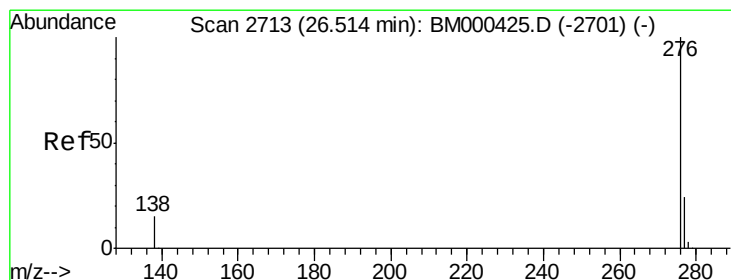
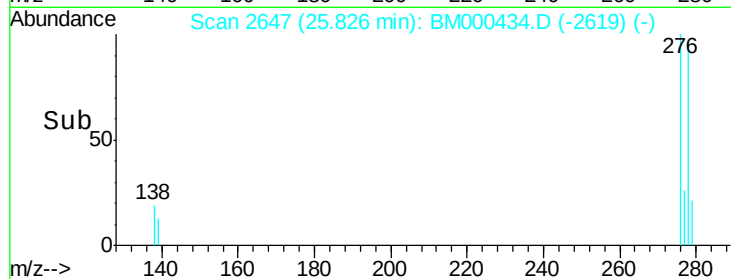
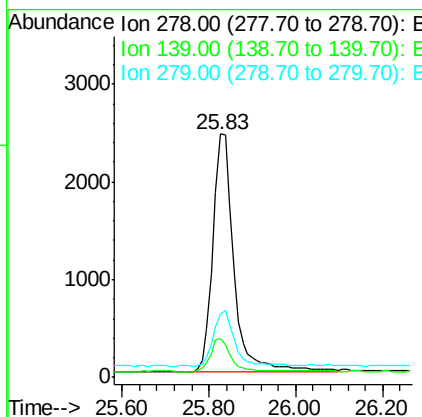
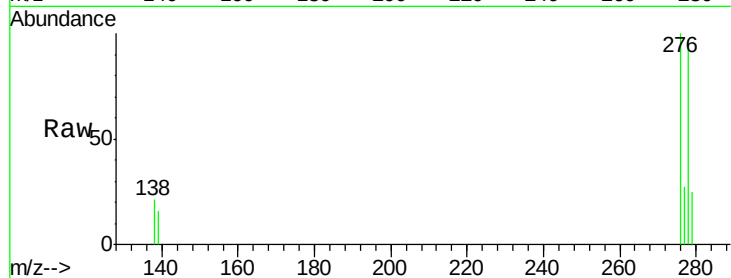


#25
Dibenzo(a,h)anthracene
Concen: 0.39 ng/ul
RT: 25.83 min Scan# 2647
Delta R.T. -0.01 min
Lab File: BM000434.D
Acq: 05 Feb 2015 19:37

Instrument :
BNA_M
LabSampleId :
SSTDCCC0.4EC

Tgt Ion: 278 Resp: 8267

Ion	Ratio	Lower	Upper
278	100		
139	16.1	10.9	16.3
279	26.1	22.3	33.5



#26
Benzo(g,h,i)perylene
Concen: 0.39 ng/ul
RT: 26.50 min Scan# 2712
Delta R.T. -0.01 min
Lab File: BM000434.D
Acq: 05 Feb 2015 19:37

Tgt Ion: 276 Resp: 9073

Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.6	30.8
138	18.2	13.9	20.9

