

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010715\
 Data File : BM000145.D
 Acq On : 08 Jan 2015 03:04
 Operator : TP/IZ
 Sample : MDL-02-W
 Misc : MDL-WATER-0.15PPM-SIM
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.422

Quant Time: Jan 08 04:16:15 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM010715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 08 02:20:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2832	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	9467	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5918	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	11343	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	9499	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	8679	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.22	152	5067	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	7897	0.32	ng/ul	0.00

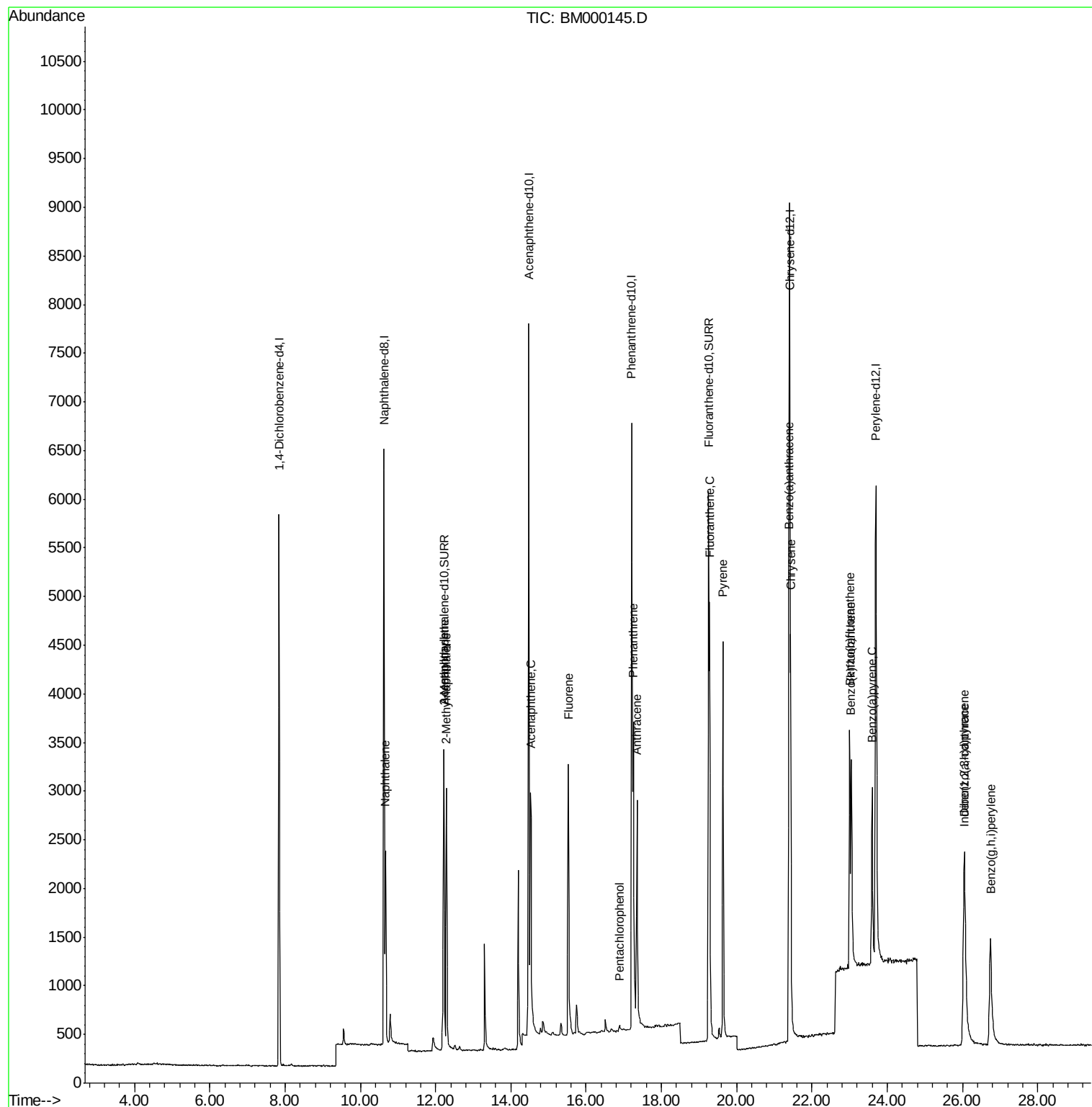
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.67	128	3021	0.12	ng/ul#	94
5) 2-Methylnaphthalene	12.28	142	2017	0.12	ng/ul	100
7) Acenaphthylene	12.22	152	5067	0.38	ng/ul	99
8) Acenaphthene	14.52	153	2090	0.11	ng/ul#	81
9) Fluorene	15.52	166	2398	0.11	ng/ul#	98
11) Pentachlorophenol	16.89	266	95	0.05	ng/ul#	74
12) Phenanthrene	17.26	178	3842	0.11	ng/ul	94
13) Anthracene	17.35	178	3626	0.11	ng/ul	93
15) Fluoranthene	19.27	202	4460	0.12	ng/ul	96
17) Pyrene	19.64	202	4586	0.12	ng/ul	97
18) Benzo(a)anthracene	21.39	228	3435	0.11	ng/ul	97
19) Chrysene	21.44	228	4097	0.12	ng/ul	97
21) Benzo(b)fluoranthene	23.00	252	3550	0.10	ng/ul	85
22) Benzo(k)fluoranthene	23.04	252	3943	0.12	ng/ul#	88
23) Benzo(a)pyrene	23.60	252	3479	0.11	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	26.04	276	3905	0.11	ng/ul	99
25) Dibenzo(a,h)anthracene	26.06	278	3112	0.11	ng/ul#	84
26) Benzo(g,h,i)perylene	26.74	276	3518	0.11	ng/ul#	91

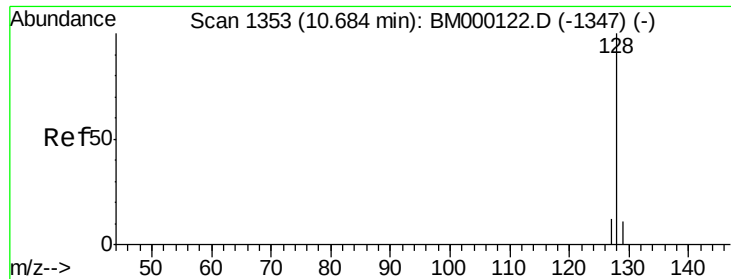
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010715\
Data File : BM000145.D
Acq On : 08 Jan 2015 03:04
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-WATER-0.15PPM-SIM
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.422

Quant Time: Jan 08 04:16:15 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM010715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 02:20:43 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.12 ng/ul

RT: 10.67 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BM000145.D

Acq: 08 Jan 2015 03:04

Instrument :

BNA_M

ClientSampleId :

SSTD0.422

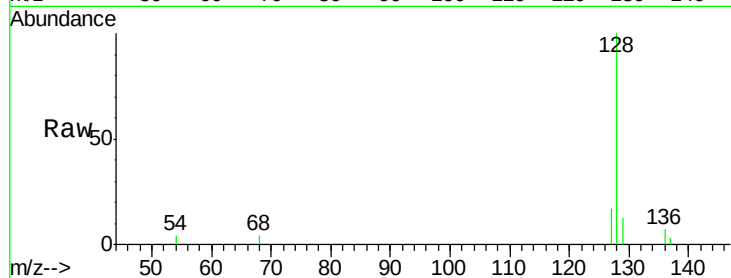
Tgt Ion:128 Resp: 3021

Ion Ratio Lower Upper

128 100

129 13.0 9.5 14.3

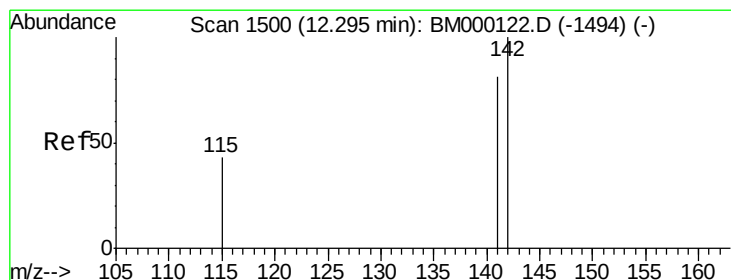
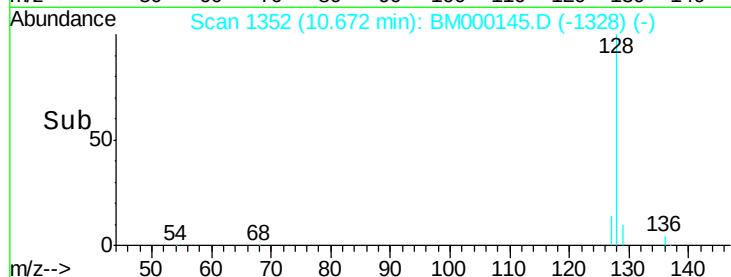
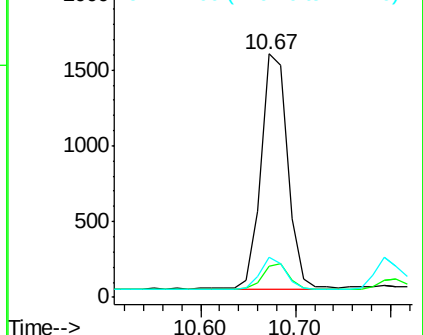
127 16.7 10.4 15.6#



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: 0.12 ng/ul

RT: 12.28 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BM000145.D

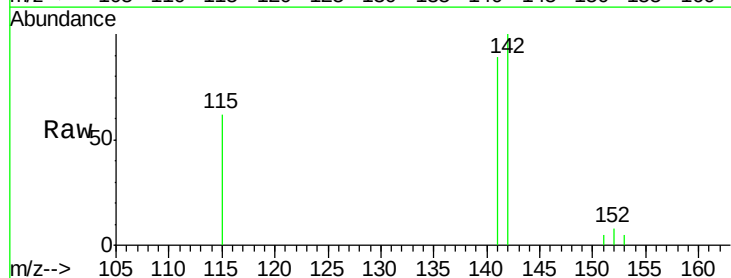
Acq: 08 Jan 2015 03:04

Tgt Ion:142 Resp: 2017

Ion Ratio Lower Upper

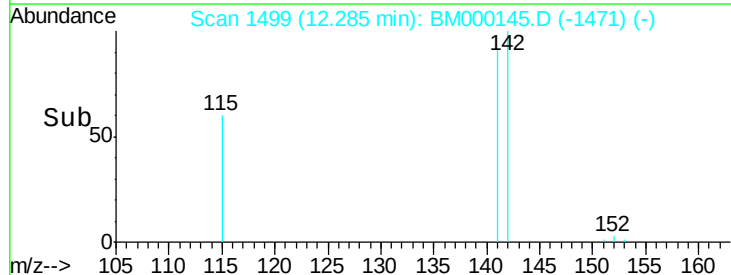
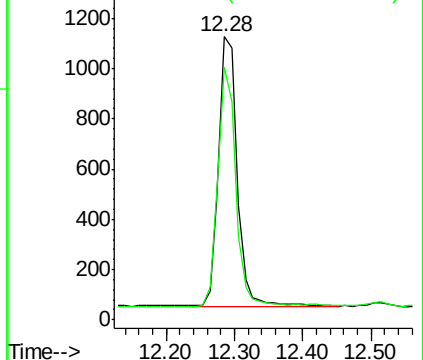
142 100

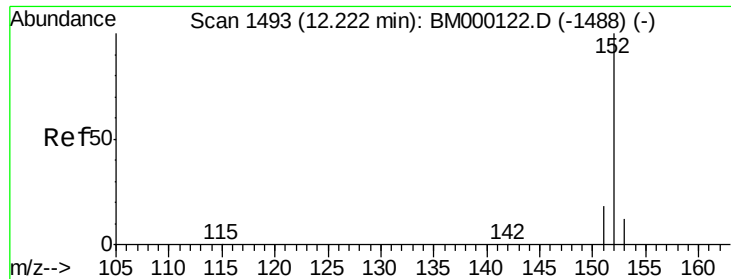
141 86.0 68.9 103.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.38 ng/ul

RT: 12.22 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BM000145.D

Acq: 08 Jan 2015 03:04

Instrument :

BNA_M

ClientSampleId :

SSTD0.422

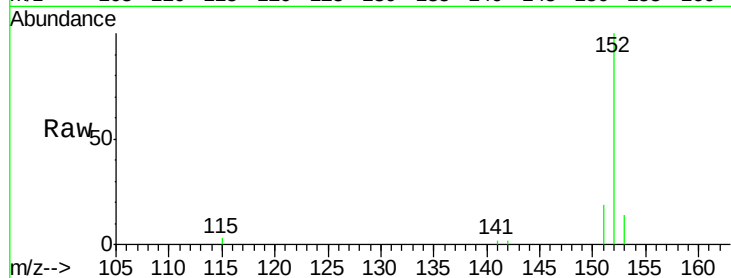
Tgt Ion:152 Resp: 5067

Ion Ratio Lower Upper

152 100

151 18.7 15.4 23.2

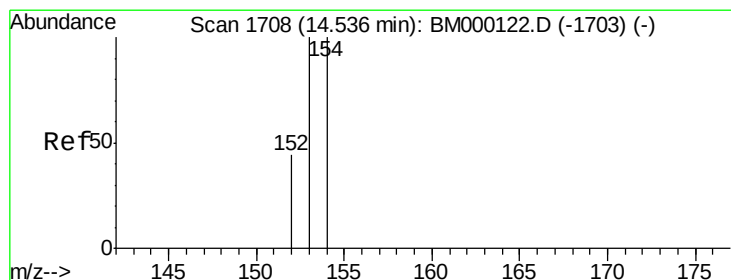
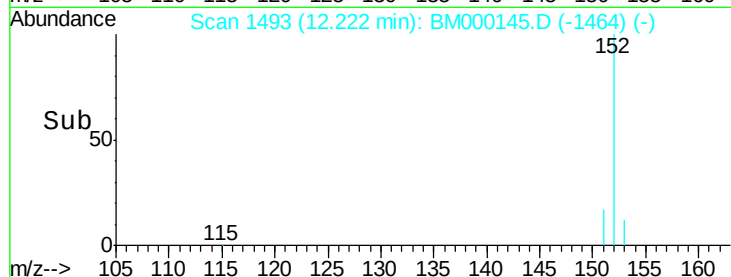
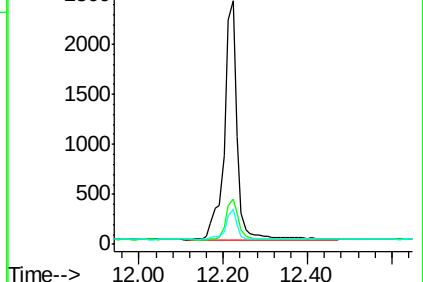
153 14.2 11.0 16.4



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: 0.11 ng/ul

RT: 14.52 min Scan# 1707

Delta R.T. -0.02 min

Lab File: BM000145.D

Acq: 08 Jan 2015 03:04

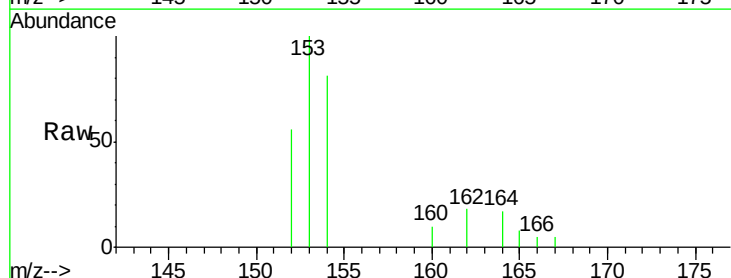
Tgt Ion:153 Resp: 2090

Ion Ratio Lower Upper

153 100

152 56.3 35.8 53.6#

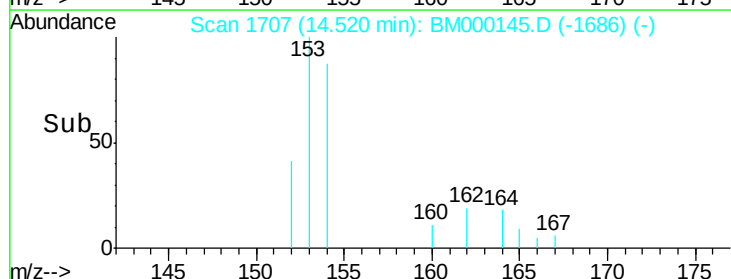
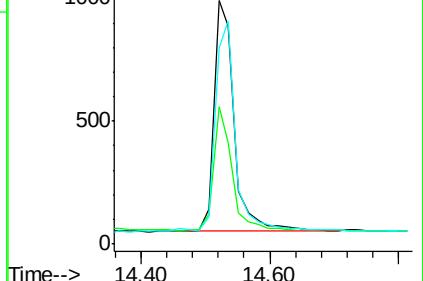
154 80.5 79.9 119.9

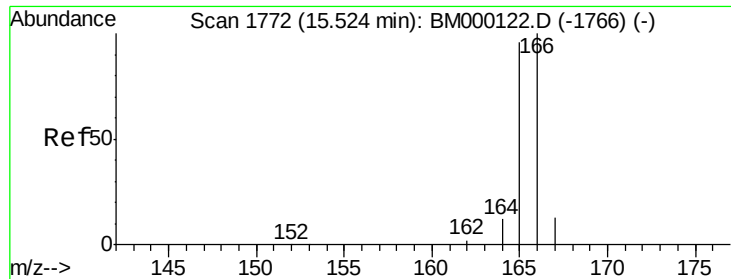


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

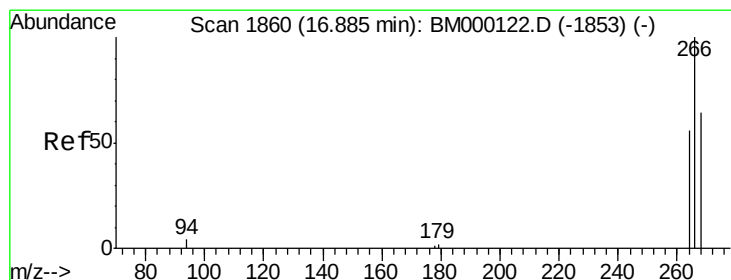
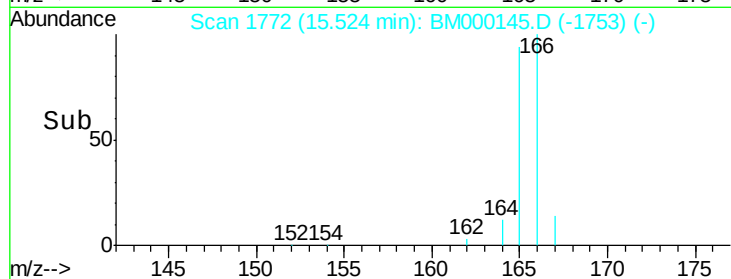
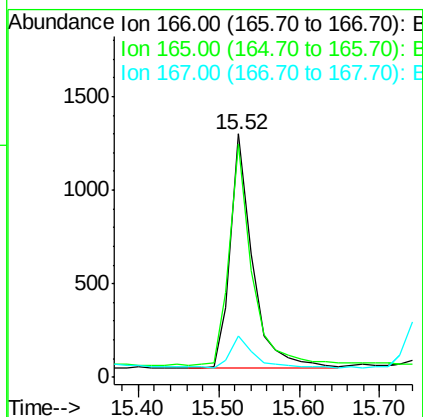
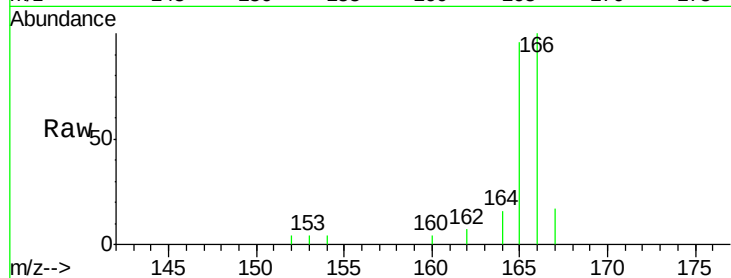




#9
Fluorene
 Concen: 0.11 ng/ul
 RT: 15.52 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BM000145.D
 Acq: 08 Jan 2015 03:04

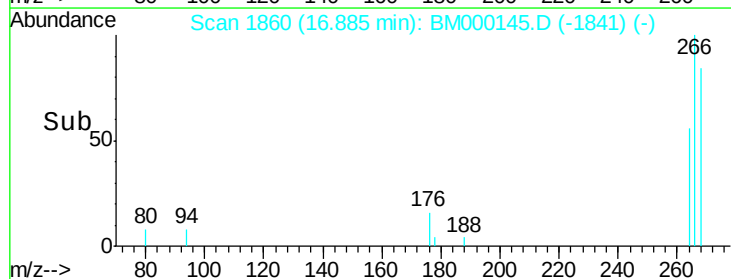
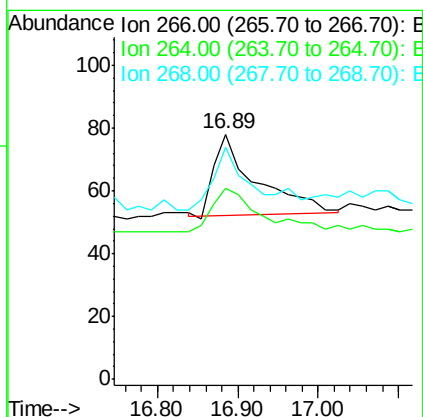
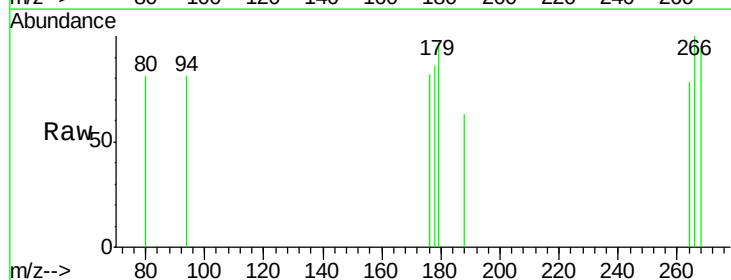
Instrument :
 BNA_M
 ClientSampleId :
 SST0.422

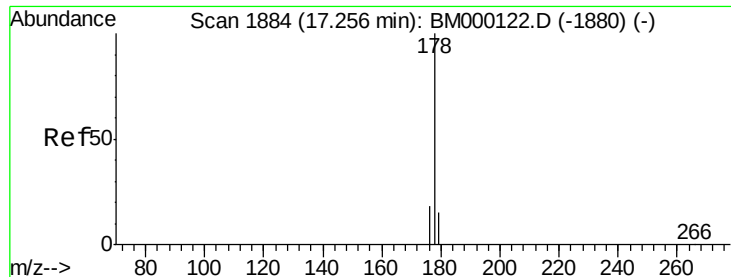
Tgt Ion:166 Resp: 2398
 Ion Ratio Lower Upper
 166 100
 165 95.6 77.0 115.4
 167 17.2 11.0 16.6#



#11
Pentachlorophenol
 Concen: 0.05 ng/ul
 RT: 16.89 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BM000145.D
 Acq: 08 Jan 2015 03:04

Tgt Ion:266 Resp: 95
 Ion Ratio Lower Upper
 266 100
 264 94.7 53.9 80.9#
 268 74.7 49.2 73.8#





#12

Phenanthrene

Concen: 0.11 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BM000145.D

Acq: 08 Jan 2015 03:04

Instrument :

BNA_M

ClientSampleId :

SSTD0.422

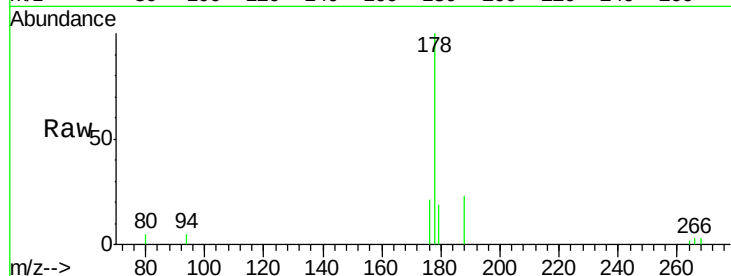
Tgt Ion:178 Resp: 3842

Ion Ratio Lower Upper

178 100

176 21.4 15.1 22.7

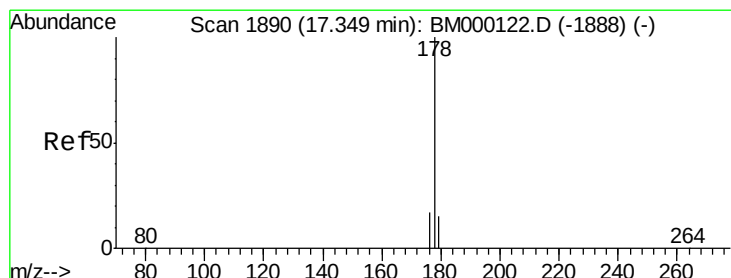
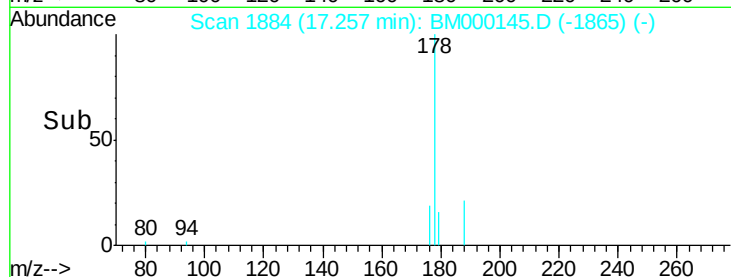
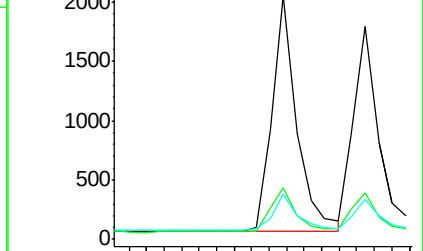
179 18.8 13.0 19.4



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: 0.11 ng/ul

RT: 17.35 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BM000145.D

Acq: 08 Jan 2015 03:04

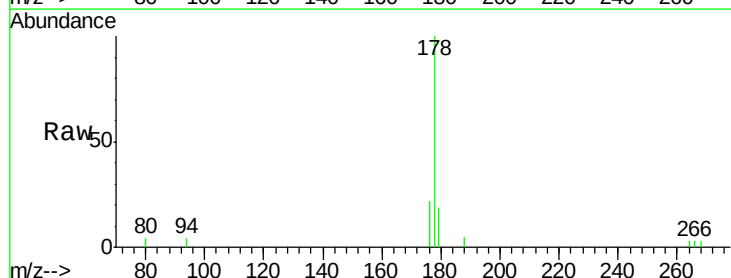
Tgt Ion:178 Resp: 3626

Ion Ratio Lower Upper

178 100

176 21.7 14.6 21.8

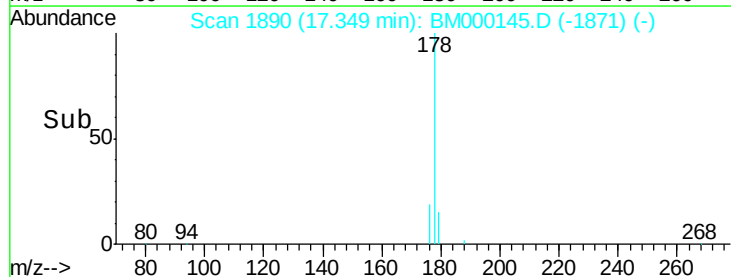
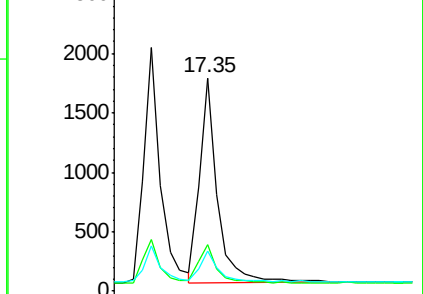
179 19.1 13.1 19.7

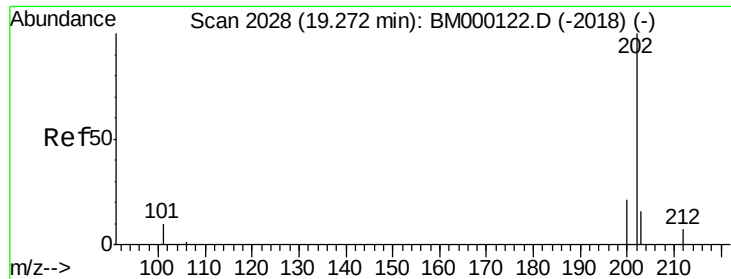


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.12 ng/ul

RT: 19.27 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BM000145.D

Acq: 08 Jan 2015 03:04

Instrument :

BNA_M

ClientSampleId :

SSTD0.422

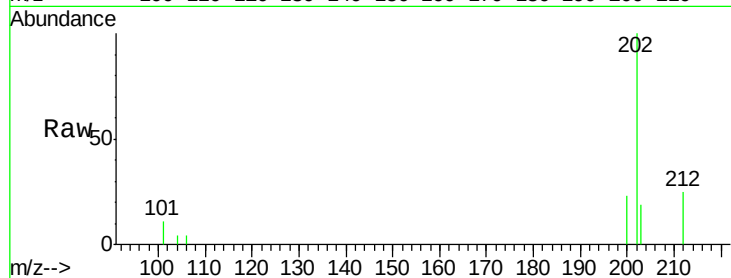
Tgt Ion:202 Resp: 4460

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.5

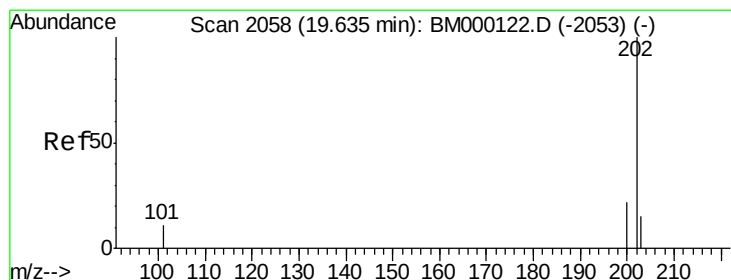
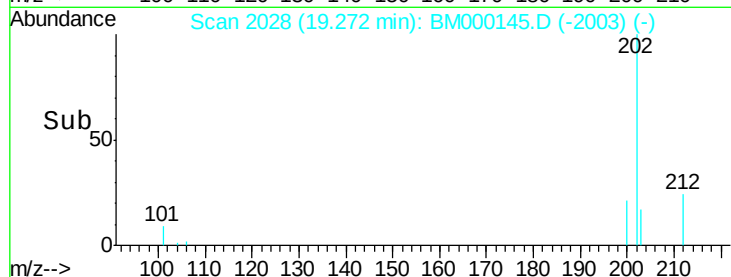
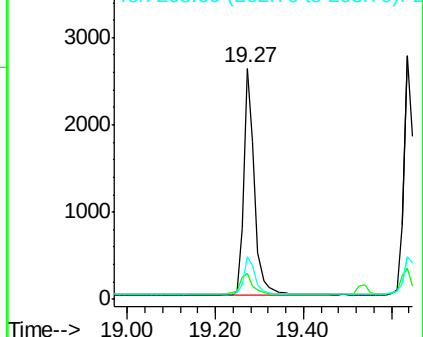
203 18.5 0.0 36.6



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: 0.12 ng/ul

RT: 19.64 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BM000145.D

Acq: 08 Jan 2015 03:04

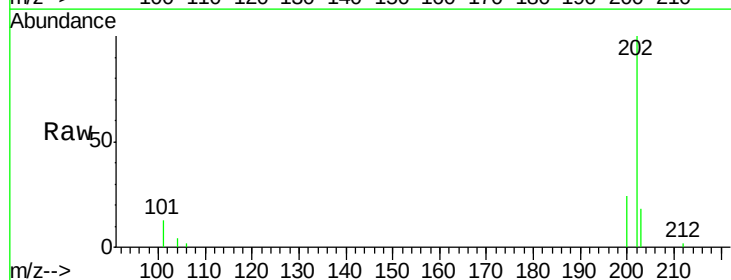
Tgt Ion:202 Resp: 4586

Ion Ratio Lower Upper

202 100

200 23.6 17.9 26.9

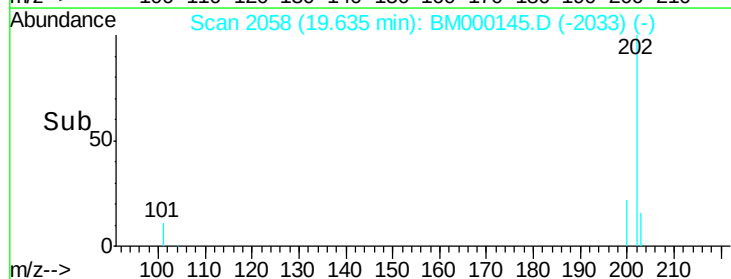
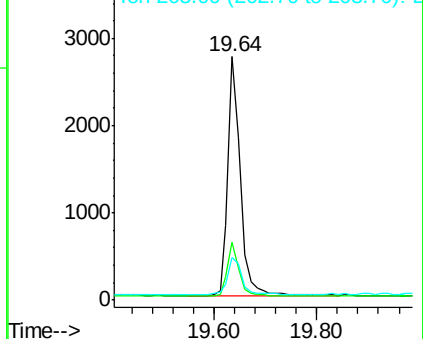
203 17.7 12.8 19.2

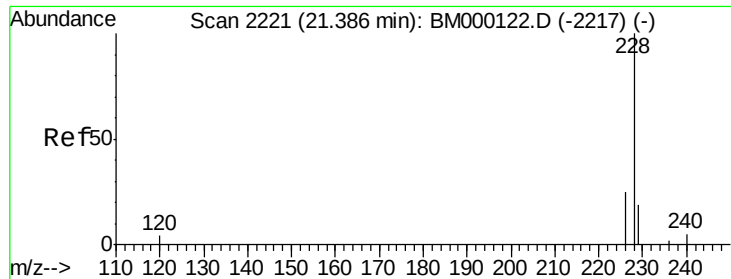


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.11 ng/ul

RT: 21.39 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BM000145.D

Acq: 08 Jan 2015 03:04

Instrument :

BNA_M

ClientSampleId :

SSTD0.422

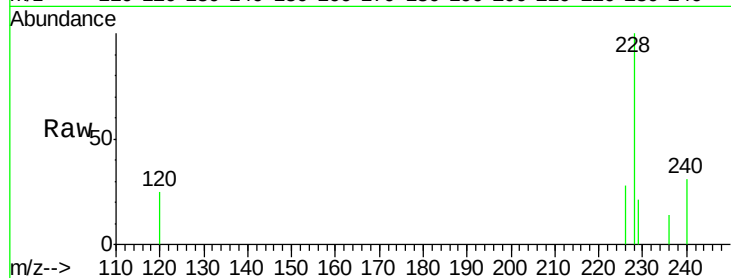
Tgt Ion:228 Resp: 3435

Ion Ratio Lower Upper

228 100

226 27.6 20.8 31.2

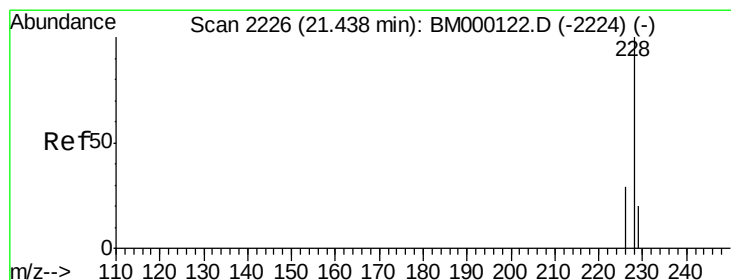
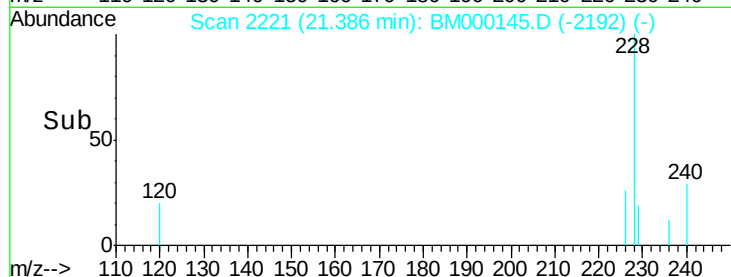
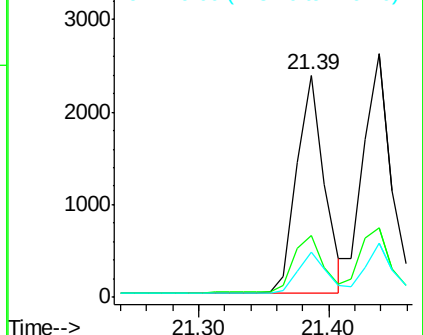
229 20.6 15.5 23.3



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: 0.12 ng/ul

RT: 21.44 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BM000145.D

Acq: 08 Jan 2015 03:04

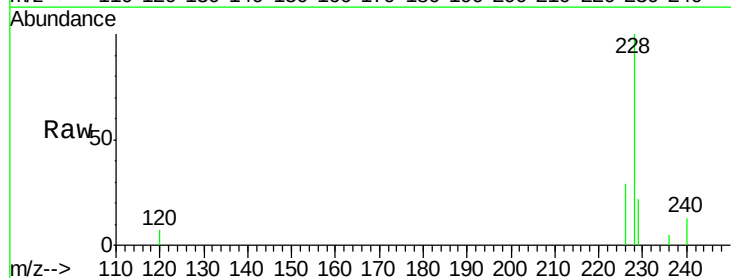
Tgt Ion:228 Resp: 4097

Ion Ratio Lower Upper

228 100

226 28.7 23.8 35.6

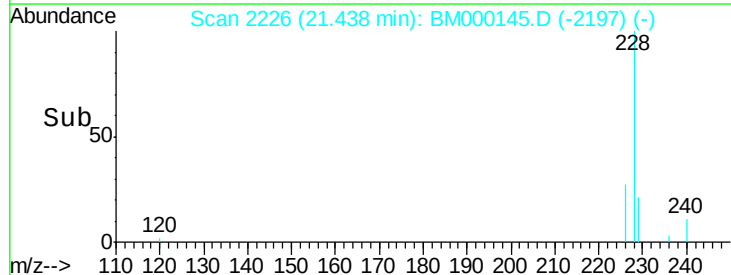
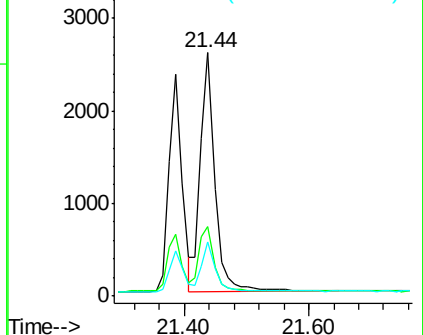
229 22.1 15.8 23.8

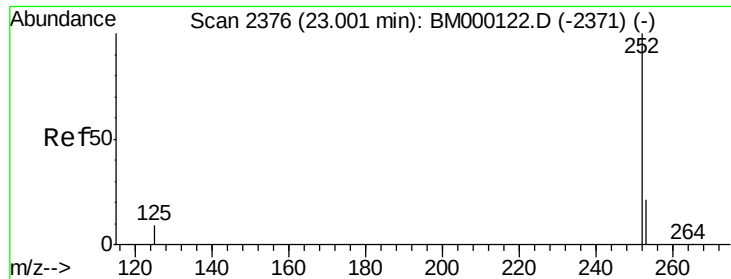


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.10 ng/ul

RT: 23.00 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BM000145.D

Acq: 08 Jan 2015 03:04

Instrument :

BNA_M

ClientSampleId :

SSTD0.422

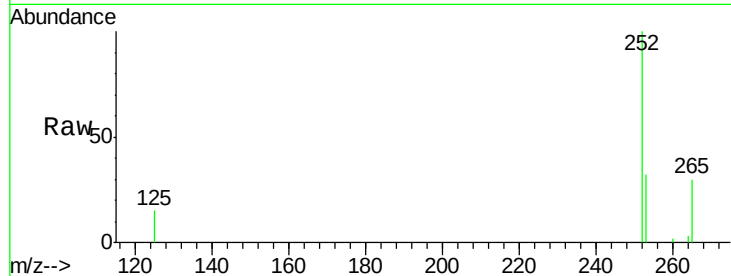
Tgt Ion:252 Resp: 3550

Ion Ratio Lower Upper

252 100

253 32.3 0.0 48.2

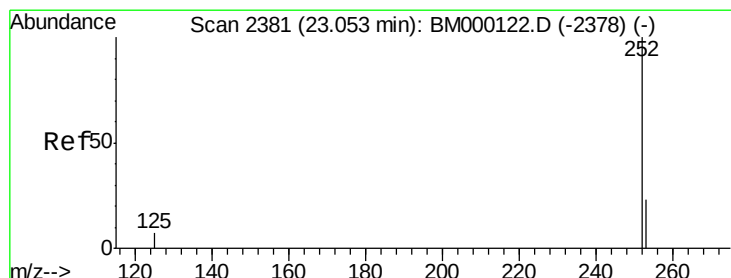
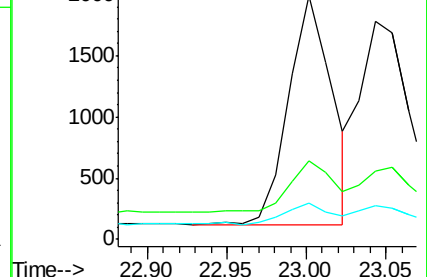
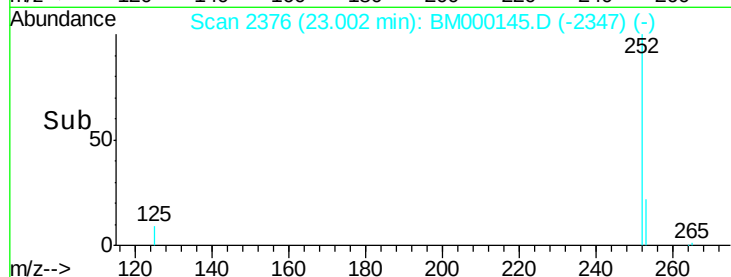
125 14.9 0.0 21.6



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: 0.12 ng/ul

RT: 23.04 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BM000145.D

Acq: 08 Jan 2015 03:04

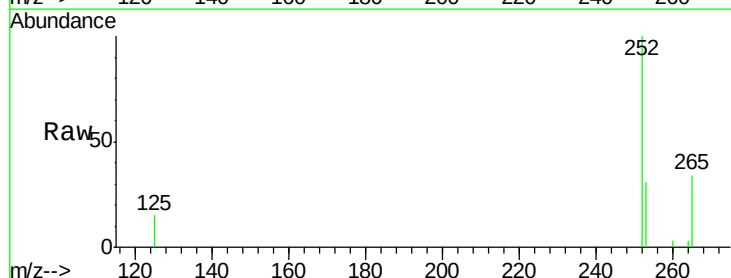
Tgt Ion:252 Resp: 3943

Ion Ratio Lower Upper

252 100

253 31.3 20.5 30.7#

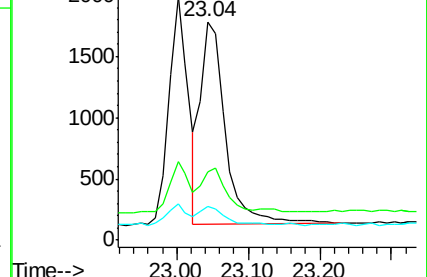
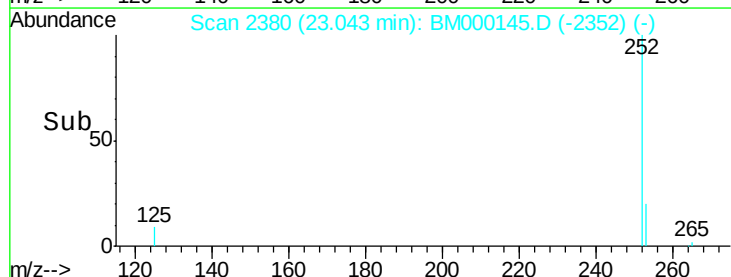
125 15.4 7.8 11.8#

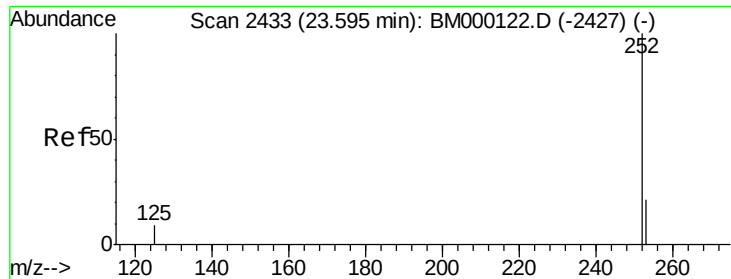


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.11 ng/ul

RT: 23.60 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BM000145.D

Acq: 08 Jan 2015 03:04

Instrument :

BNA_M

ClientSampleId :

SSTD0.422

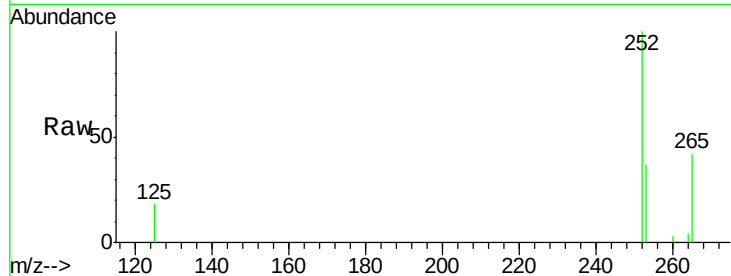
Tgt Ion:252 Resp: 3479

Ion Ratio Lower Upper

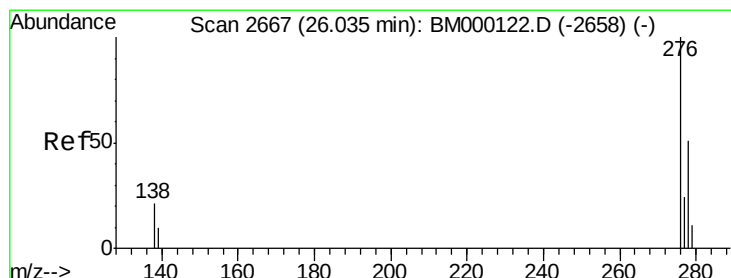
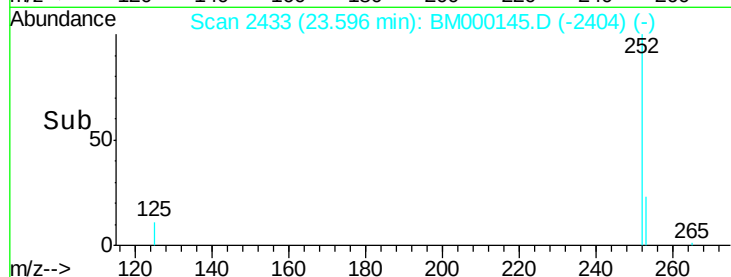
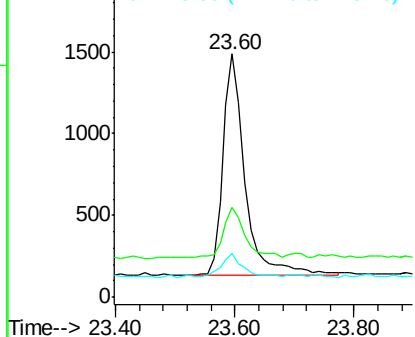
252 100

253 37.2 19.8 29.6#

125 18.0 9.2 13.8#



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: 0.11 ng/ul

RT: 26.04 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BM000145.D

Acq: 08 Jan 2015 03:04

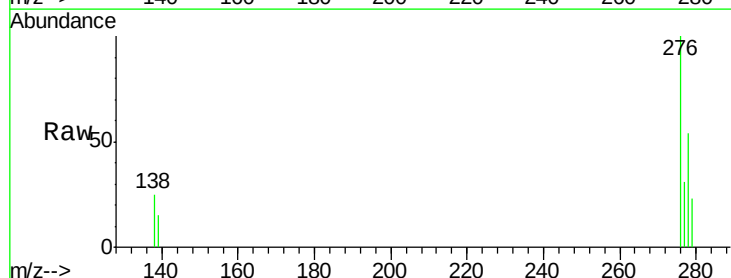
Tgt Ion:276 Resp: 3905

Ion Ratio Lower Upper

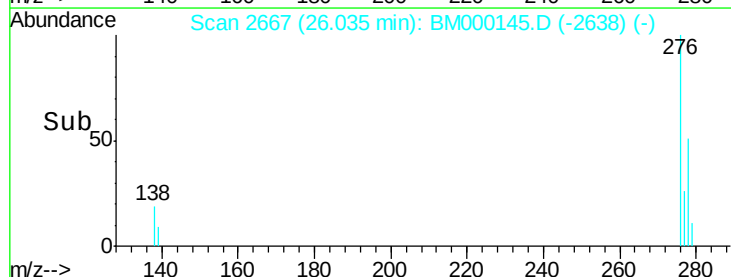
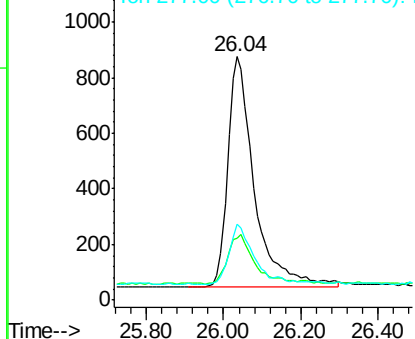
276 100

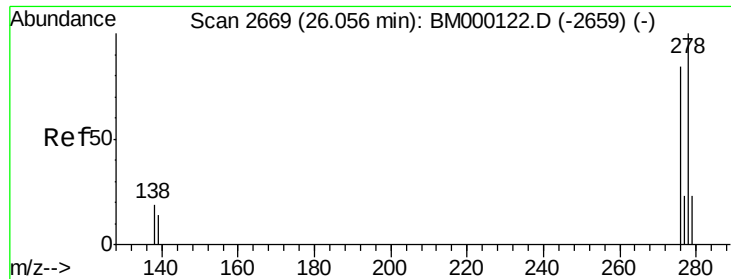
138 21.3 17.6 26.4

277 24.7 19.9 29.9



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: 0.11 ng/ul

RT: 26.06 min Scan# 2669

Delta R.T. 0.00 min

Lab File: BM000145.D

Acq: 08 Jan 2015 03:04

Instrument :

BNA_M

ClientSampleId :

SSTD0.422

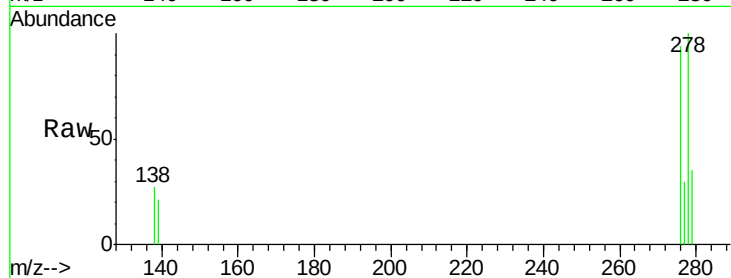
Tgt Ion:278 Resp: 3112

Ion Ratio Lower Upper

278 100

139 21.5 12.6 18.8#

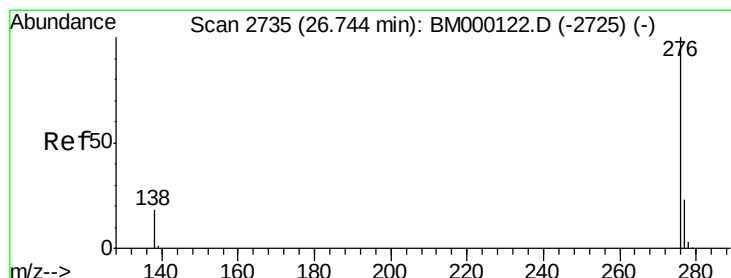
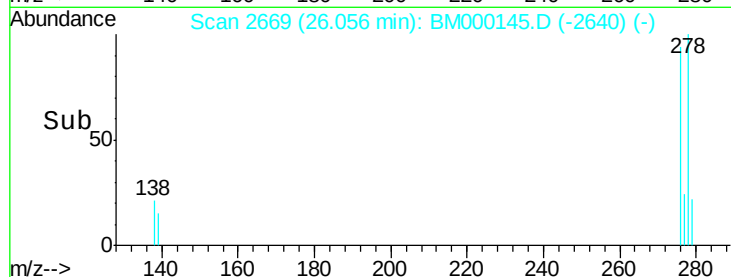
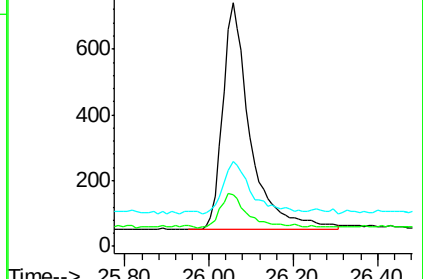
279 34.7 20.6 30.8#



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: 0.11 ng/ul

RT: 26.74 min Scan# 2735

Delta R.T. 0.00 min

Lab File: BM000145.D

Acq: 08 Jan 2015 03:04

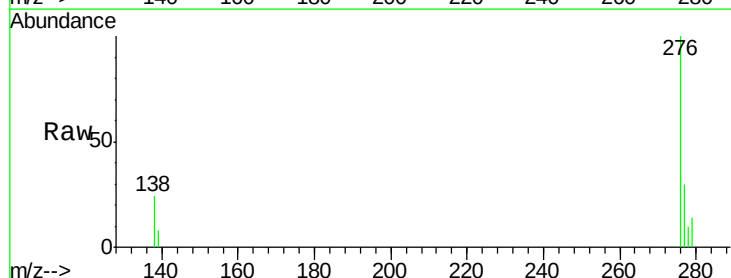
Tgt Ion:276 Resp: 3518

Ion Ratio Lower Upper

276 100

277 29.6 20.0 30.0

138 23.6 15.7 23.5#



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

