

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030315\
 Data File : BM000626.D
 Acq On : 03 Mar 2015 20:58
 Operator : TP/IZ
 Sample : MDL-04-W
 Misc : MDL-WATER-0.4PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

Quant Time: Mar 04 03:13:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 02:50:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3610	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	12003	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.31	164	5772	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	12004	0.40	ng/ul	0.02
18) Chrysene-d12	21.25	240	8778	0.40	ng/ul	-0.01
22) Perylene-d12	23.46	264	7699	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.14	96	5142	1.95	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.04	152	5	0.00	ng/ul	0.00
16) Fluoranthene-d10	19.10	212	16	0.00	ng/ul	0.01

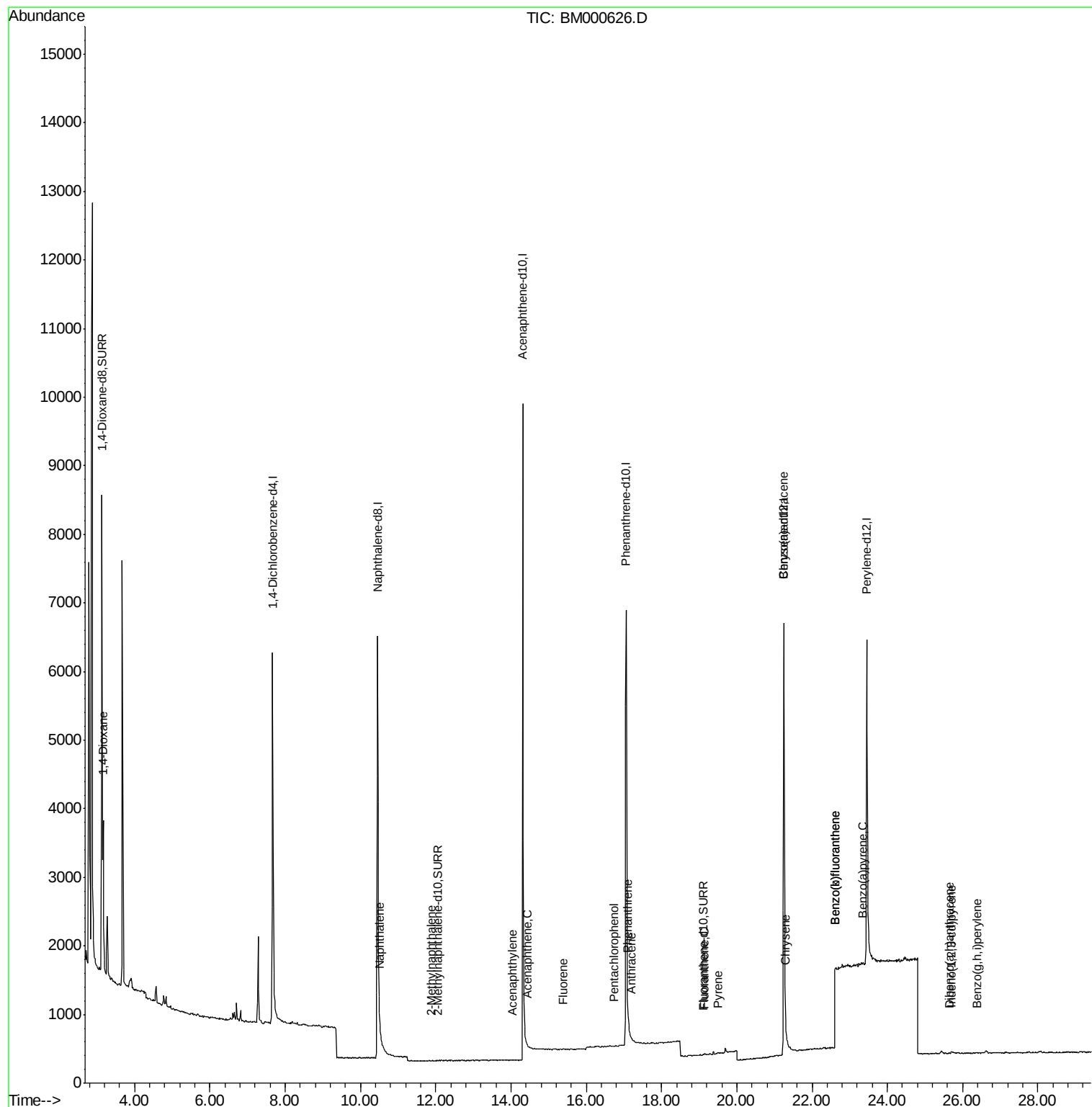
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	3.17	88	3765	0.92	ng/ul#	51
5) Naphthalene	10.50	128	14	0.00	ng/ul#	1
7) 2-Methylnaphthalene	11.88	142	1	0.00	ng/ul	87
9) Acenaphthylene	14.03	152	8	0.00	ng/ul#	1
10) Acenaphthene	14.42	153	1	0.00	ng/ul#	74
11) Fluorene	15.38	166	4	0.00	ng/ul#	39
13) Pentachlorophenol	16.72	266	6	0.01	ng/ul#	1
14) Phenanthrene	17.10	178	23	0.00	ng/ul#	1
15) Anthracene	17.20	178	16	0.00	ng/ul#	1
17) Fluoranthene	19.14	202	27	0.00	ng/ul#	1
19) Pyrene	19.50	202	23	0.00	ng/ul#	1
20) Benzo(a)anthracene	21.25	228	51	0.00	ng/ul#	1
21) Chrysene	21.29	228	34	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.61	252	311	0.01	ng/ul#	1
24) Benzo(k)fluoranthene	22.61	252	311	0.01	ng/ul#	1
25) Benzo(a)pyrene	23.35	252	28	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.70	276	15	0.00	ng/ul#	33
27) Dibenzo(a,h)anthracene	25.66	278	4	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.38	276	43	0.00	ng/ul#	1

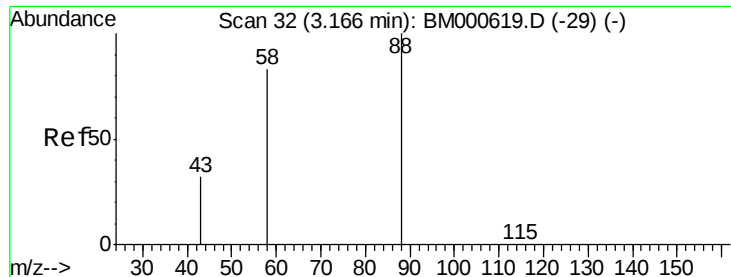
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030315\
Data File : BM000626.D
Acq On : 03 Mar 2015 20:58
Operator : TP/IZ
Sample : MDL-04-W
Misc : MDL-WATER-0.4PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Quant Time: Mar 04 03:13:13 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 02:50:23 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.92 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. -0.00 min

Lab File: BM000626.D

Acq: 03 Mar 2015 20:58

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

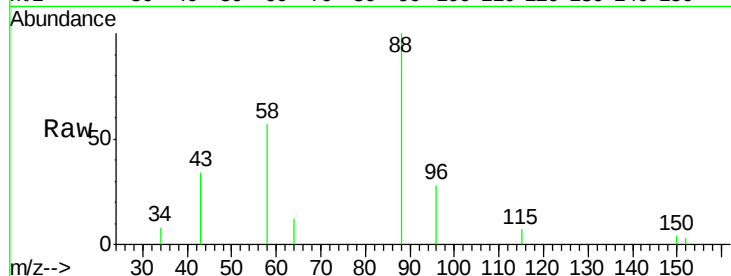
Tgt Ion: 88 Resp: 3765

Ion Ratio Lower Upper

88 100

58 31.6 55.4 83.2#

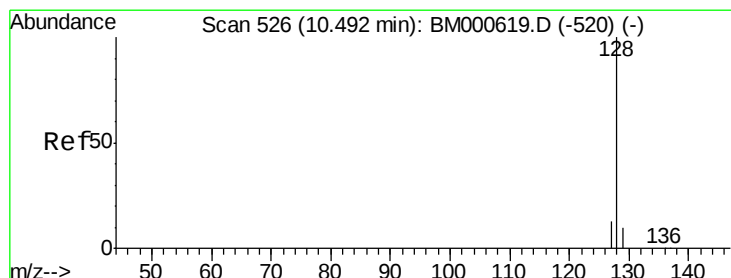
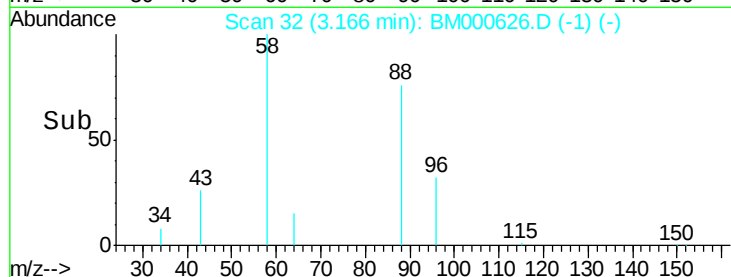
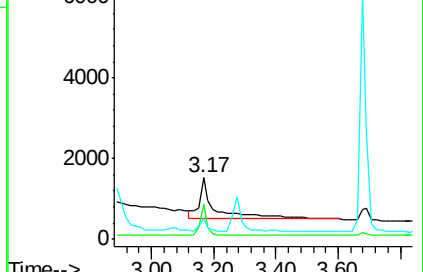
43 0.0 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BM000619.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM000619.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM000619.D (-29) (-)



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.01 min

Lab File: BM000626.D

Acq: 03 Mar 2015 20:58

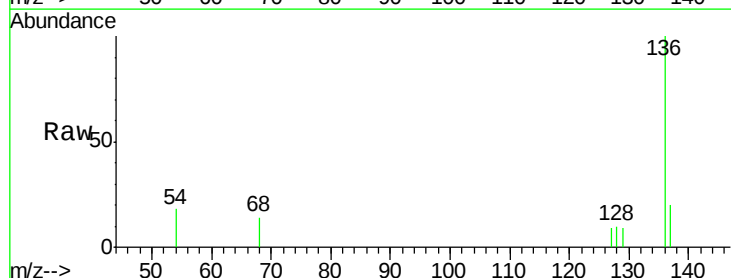
Tgt Ion: 128 Resp: 14

Ion Ratio Lower Upper

128 100

129 91.2 8.5 12.7#

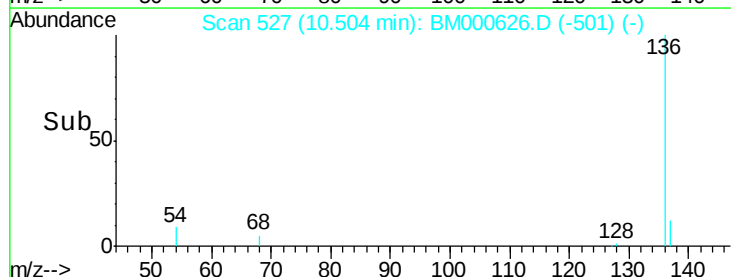
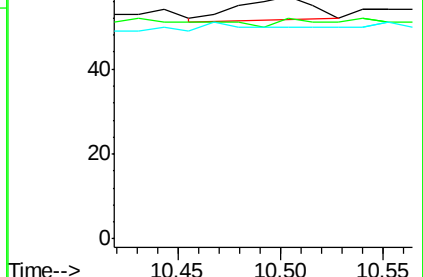
127 87.7 11.0 16.6#

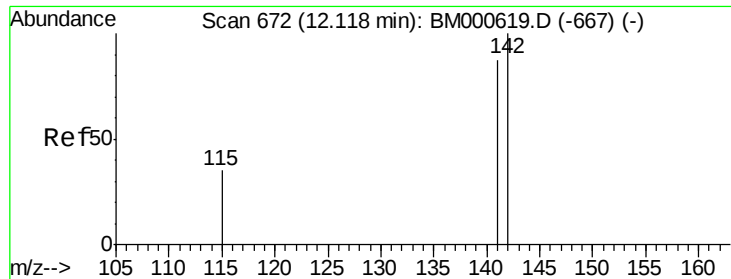


Abundance Ion 128.00 (127.70 to 128.70): BM000619.D (-520) (-)

Ion 129.00 (128.70 to 129.70): BM000619.D (-520) (-)

Ion 127.00 (126.70 to 127.70): BM000619.D (-520) (-)





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 11.88 min Scan# 649

Delta R.T. -0.24 min

Lab File: BM000626.D

Acq: 03 Mar 2015 20:58

Instrument :

BNA_M

ClientSampleId :

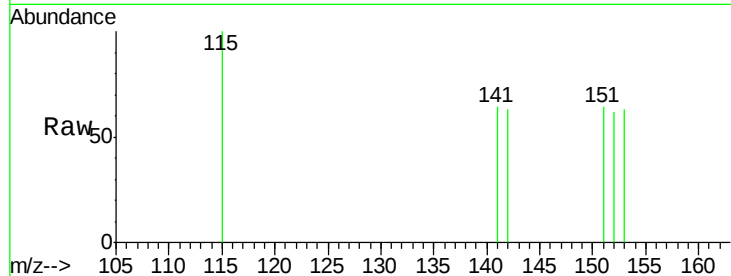
MDL-04-W

Tgt Ion:142 Resp: 1

Ion Ratio Lower Upper

142 100

141 100.0 70.6 106.0

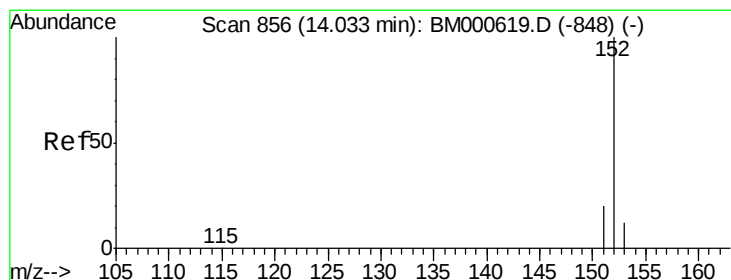
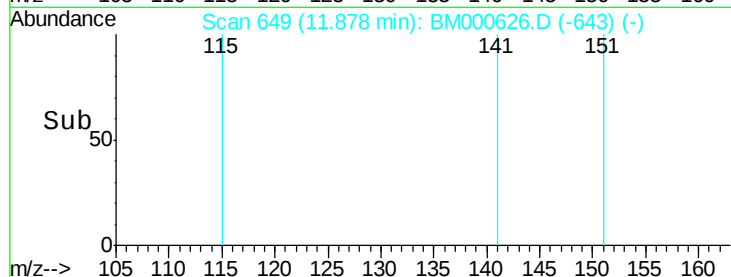


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.88

Time--> 11.84 11.86 11.88 11.90



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.03 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM000626.D

Acq: 03 Mar 2015 20:58

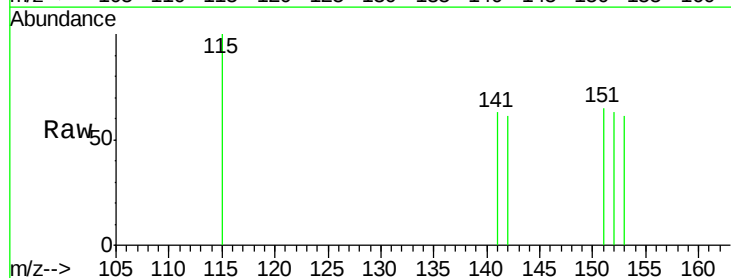
Tgt Ion:152 Resp: 8

Ion Ratio Lower Upper

152 100

151 104.0 16.0 24.0#

153 98.0 10.2 15.4#



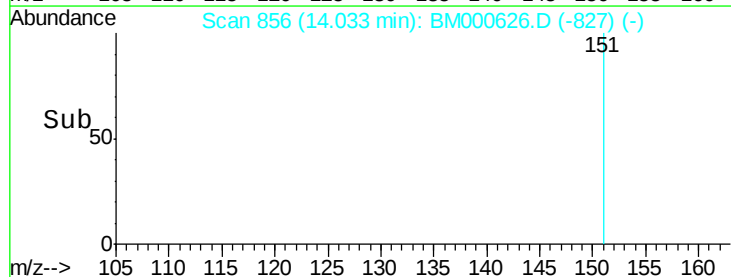
Abundance Ion 152.00 (151.70 to 152.70): E

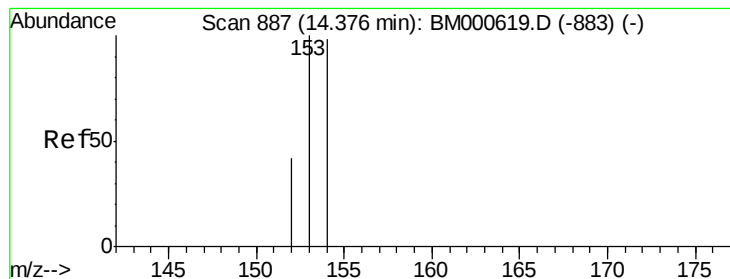
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.03

Time--> 14.00 14.05 14.10





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.42 min Scan# 890

Delta R.T. 0.05 min

Lab File: BM000626.D

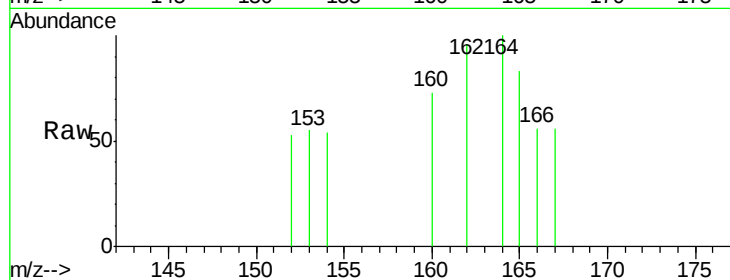
Acq: 03 Mar 2015 20:58

Instrument :

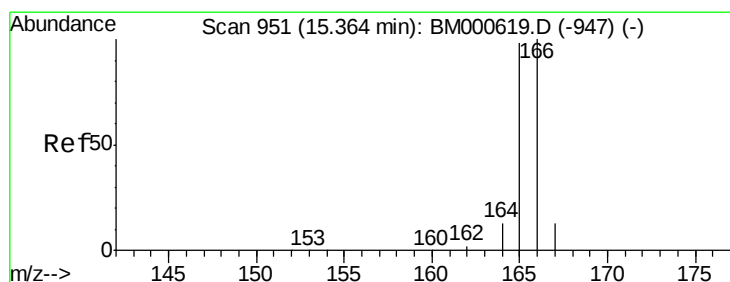
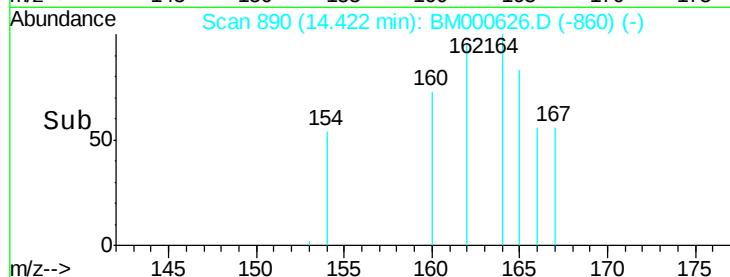
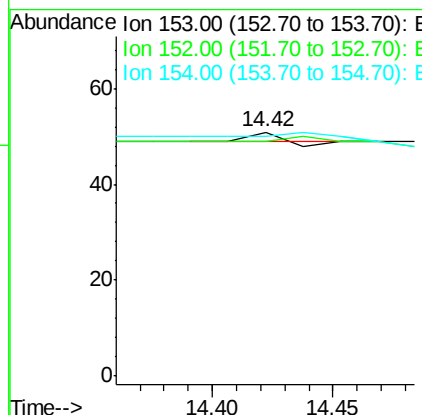
BNA_M

ClientSampleId :

MDL-04-W



Tgt Ion:	153	Resp:	1
Ion	Ratio	Lower	Upper
153	100		
152	96.1	34.2	51.2#
154	98.0	78.8	118.2



#11

Fluorene

Concen: 0.00 ng/ul

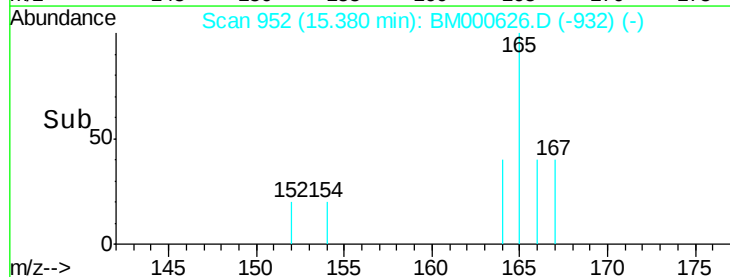
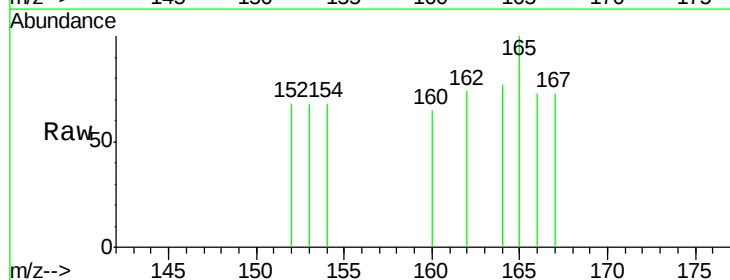
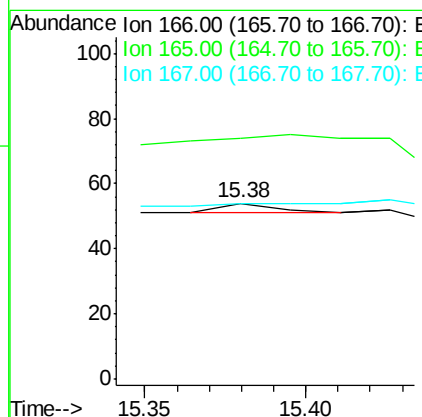
RT: 15.38 min Scan# 952

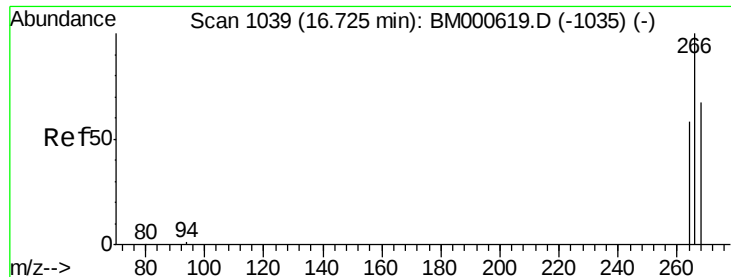
Delta R.T. 0.02 min

Lab File: BM000626.D

Acq: 03 Mar 2015 20:58

Tgt Ion:	166	Resp:	4
Ion	Ratio	Lower	Upper
166	100		
165	137.0	78.5	117.7#
167	100.0	10.6	16.0#

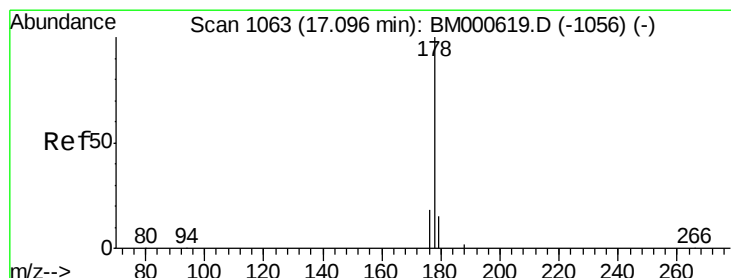
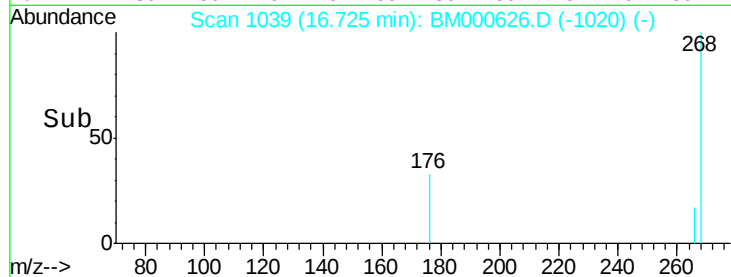
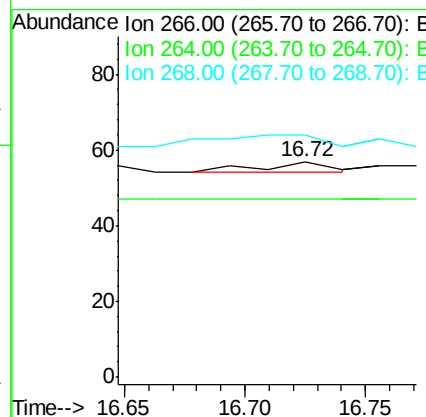
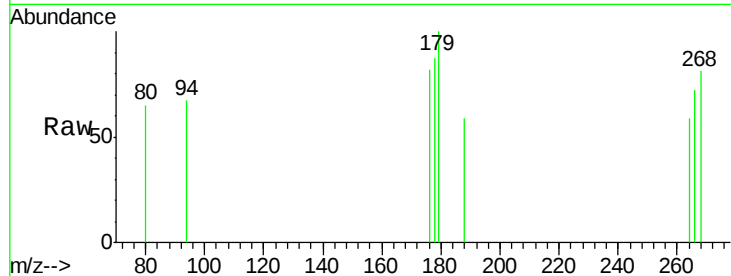




#13
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 16.72 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BM000626.D
 Acq: 03 Mar 2015 20:58

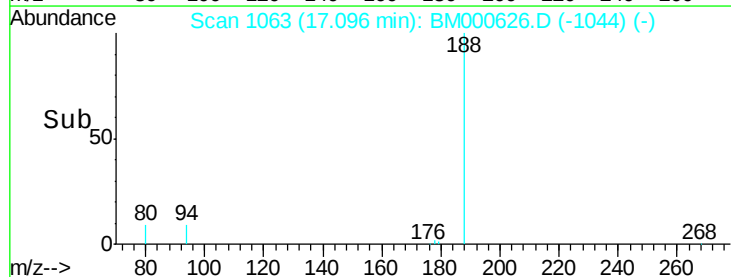
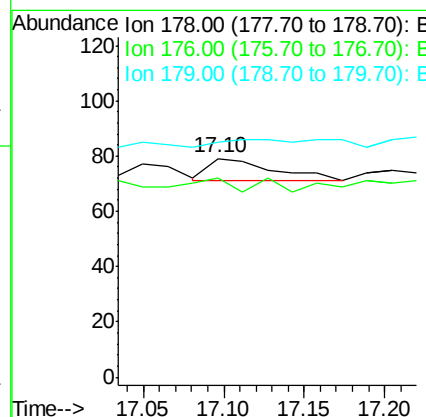
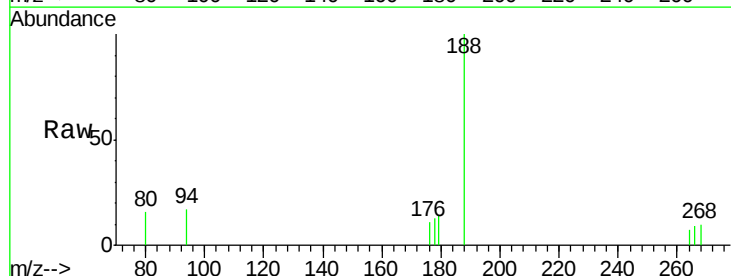
Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

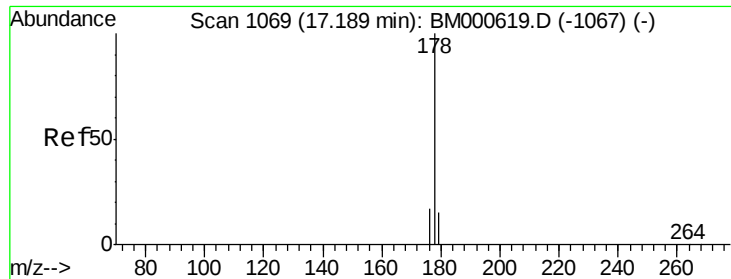
Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 0.0 51.0 76.4#
 268 316.7 49.4 74.2#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BM000626.D
 Acq: 03 Mar 2015 20:58

Tgt Ion: 178 Resp: 23
 Ion Ratio Lower Upper
 178 100
 176 91.1 14.8 22.2#
 179 107.6 12.7 19.1#





#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.20 min Scan# 1070

Delta R.T. 0.02 min

Lab File: BM000626.D

Acq: 03 Mar 2015 20:58

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

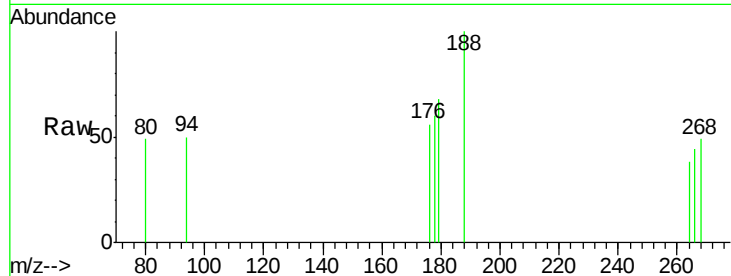
Tgt Ion:178 Resp: 16

Ion Ratio Lower Upper

178 100

176 93.3 14.2 21.4#

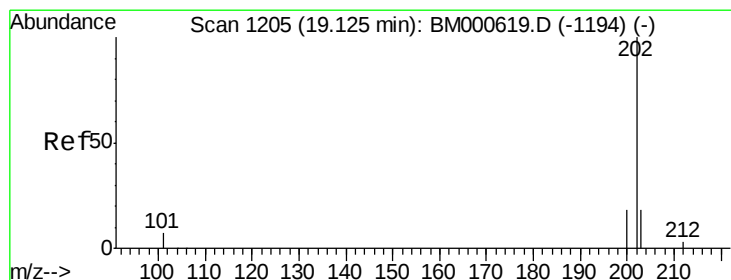
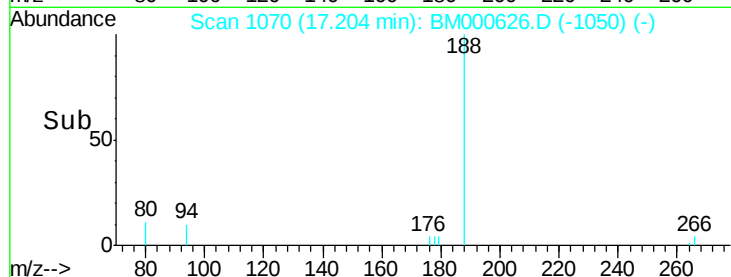
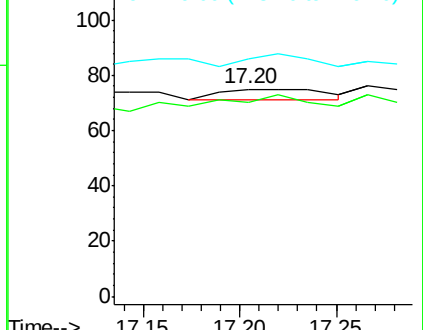
179 114.7 12.8 19.2#



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



#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.14 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BM000626.D

Acq: 03 Mar 2015 20:58

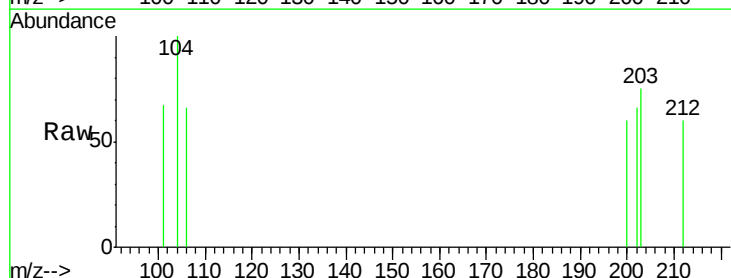
Tgt Ion:202 Resp: 27

Ion Ratio Lower Upper

202 100

101 101.8 0.0 27.0#

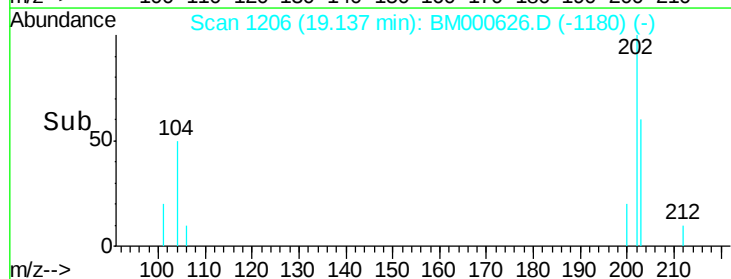
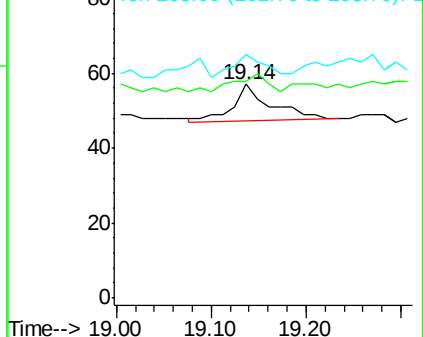
203 114.0 0.0 38.5#

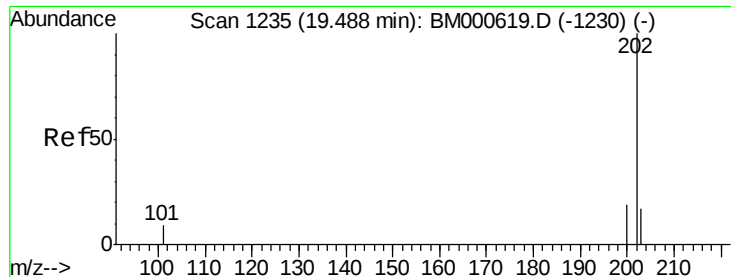


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 0.00 ng/ul

RT: 19.50 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BM000626.D

Acq: 03 Mar 2015 20:58

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

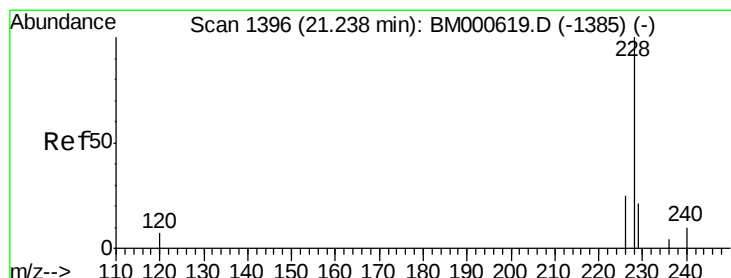
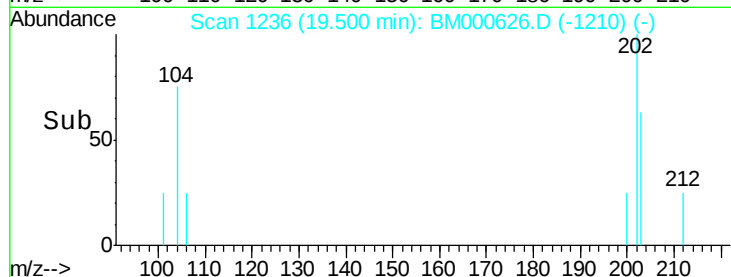
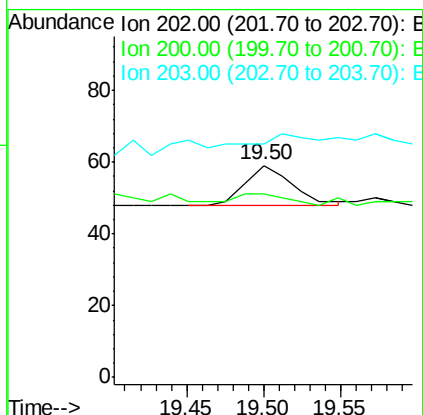
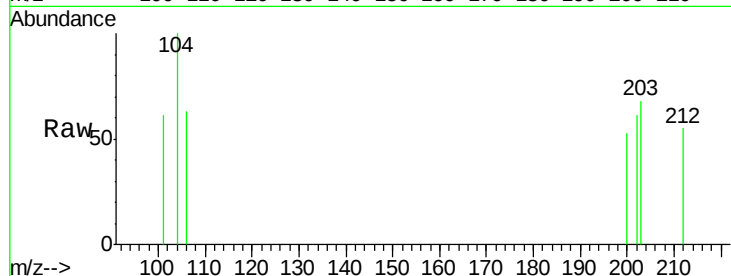
Tgt Ion: 202 Resp: 23

Ion Ratio Lower Upper

202 100

200 86.4 15.5 23.3#

203 110.2 14.2 21.2#



#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BM000626.D

Acq: 03 Mar 2015 20:58

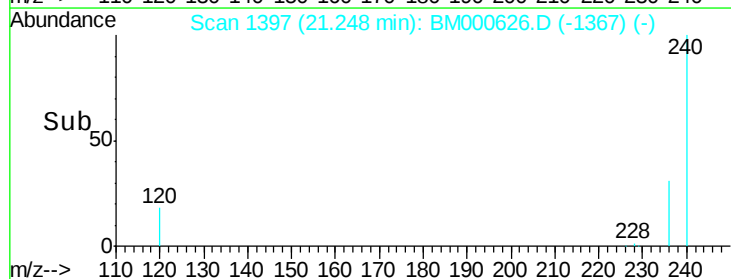
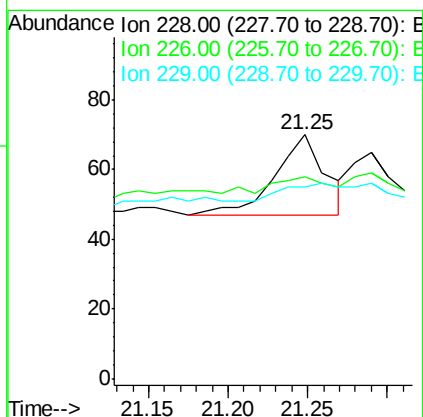
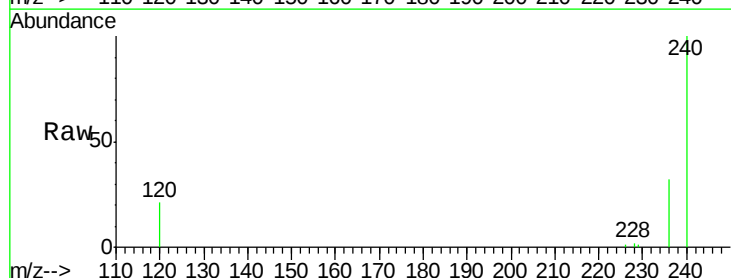
Tgt Ion: 228 Resp: 51

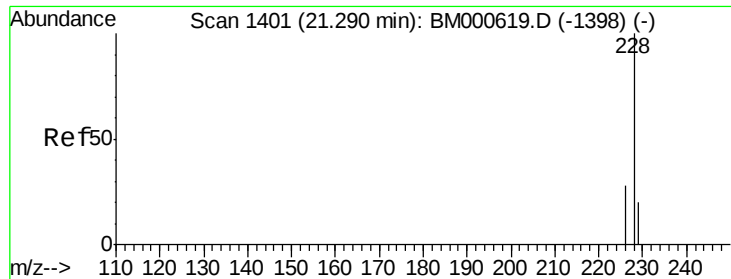
Ion Ratio Lower Upper

228 100

226 82.9 20.0 30.0#

229 78.6 16.7 25.1#





#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.29 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BM000626.D

Acq: 03 Mar 2015 20:58

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

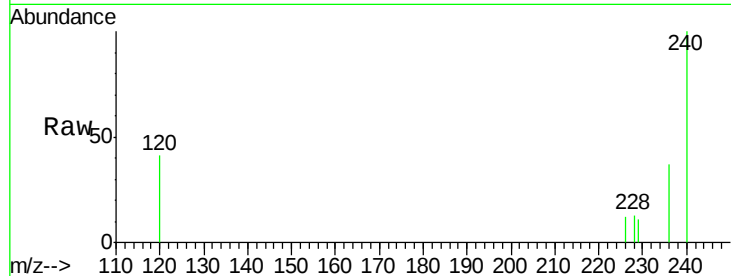
Tgt Ion:228 Resp: 34

Ion Ratio Lower Upper

228 100

226 90.8 22.6 33.8#

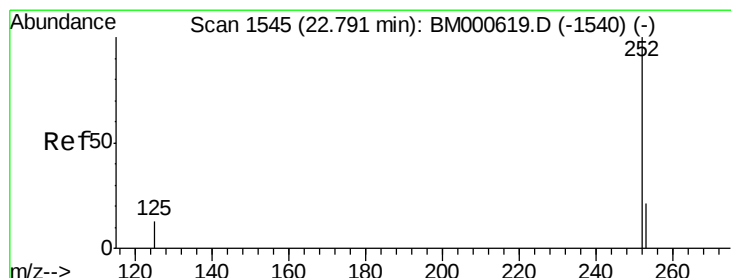
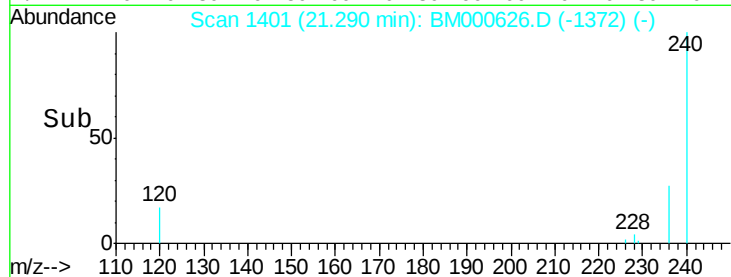
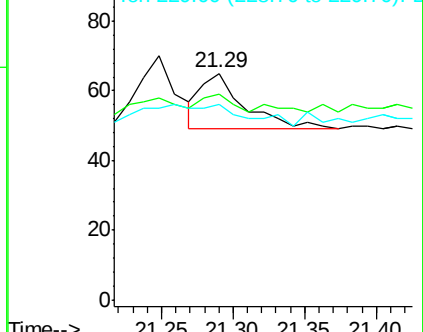
229 86.2 16.4 24.6#



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



#23

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 22.61 min Scan# 1528

Delta R.T. -0.18 min

Lab File: BM000626.D

Acq: 03 Mar 2015 20:58

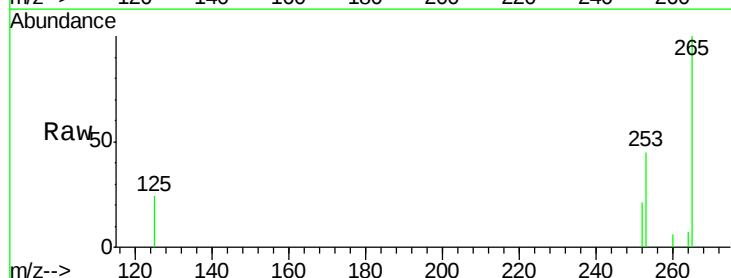
Tgt Ion:252 Resp: 311

Ion Ratio Lower Upper

252 100

253 216.7 0.0 51.2#

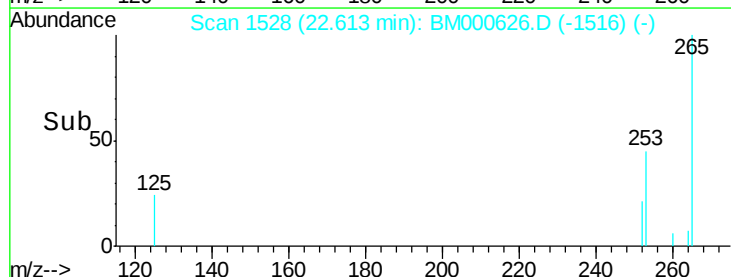
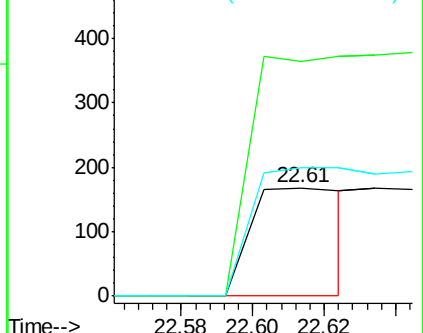
125 118.5 0.0 30.0#

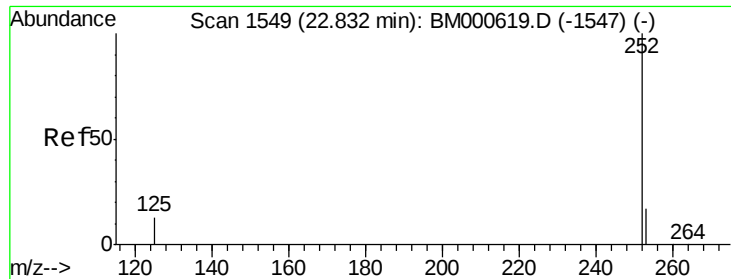


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.01 ng/u1

RT: 22.61 min Scan# 1528

Delta R.T. -0.22 min

Lab File: BM000626.D

Acq: 03 Mar 2015 20:58

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

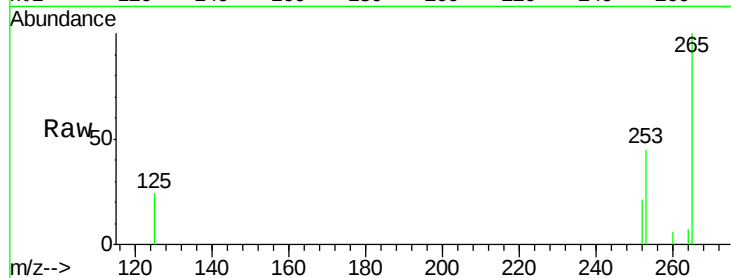
Tgt Ion:252 Resp: 311

Ion Ratio Lower Upper

252 100

253 216.7 20.5 30.7#

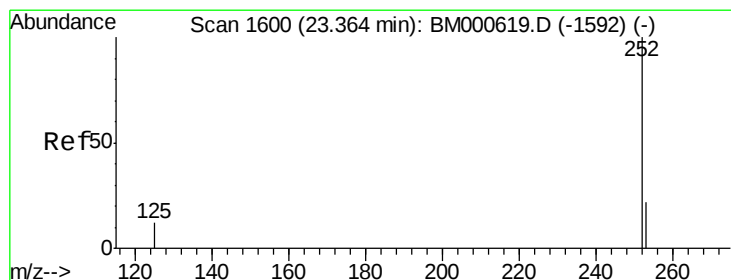
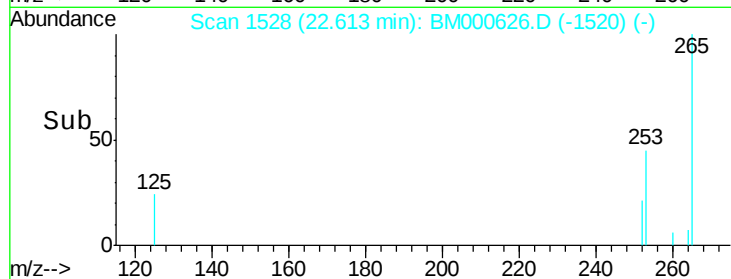
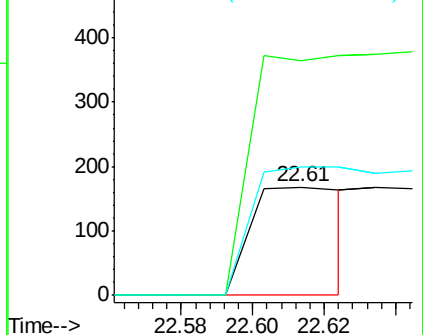
125 118.5 11.8 17.6#



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



#25

Benzo(a)pyrene

Concen: 0.00 ng/u1

RT: 23.35 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BM000626.D

Acq: 03 Mar 2015 20:58

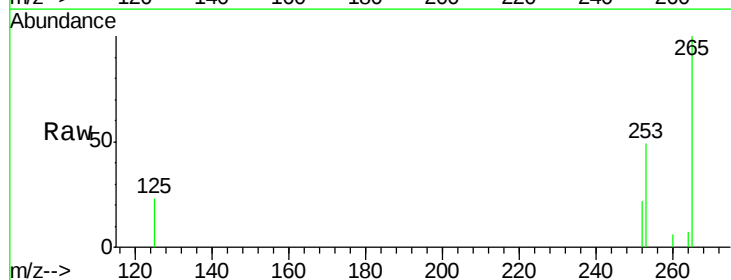
Tgt Ion:252 Resp: 28

Ion Ratio Lower Upper

252 100

253 222.0 23.4 35.0#

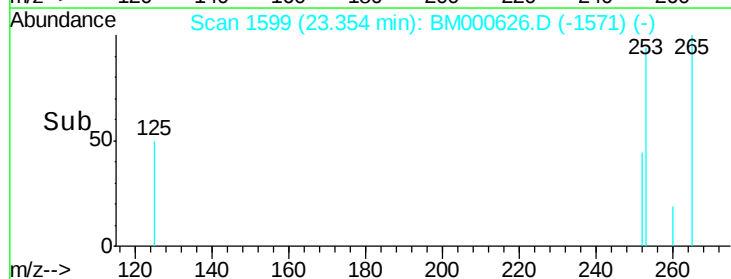
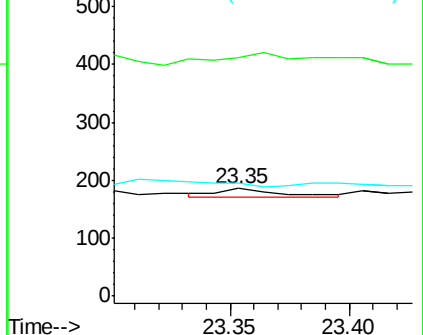
125 104.8 12.2 18.4#

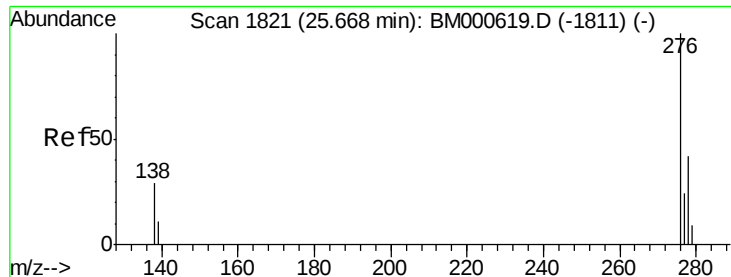


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.70 min Scan# 1824

Delta R.T. 0.03 min

Lab File: BM000626.D

Acq: 03 Mar 2015 20:58

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

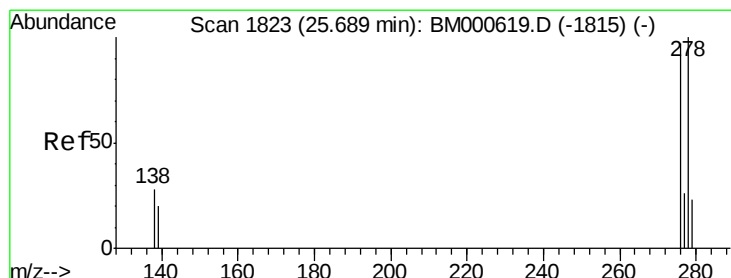
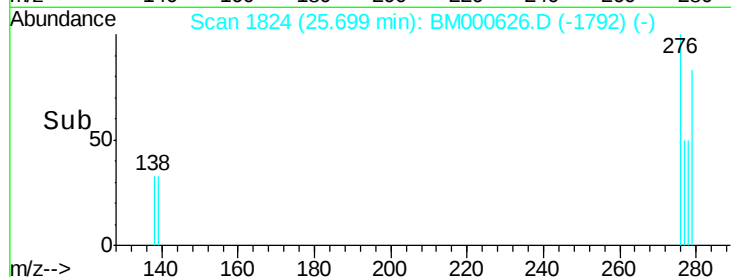
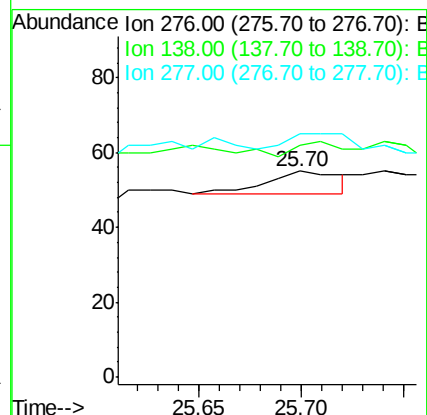
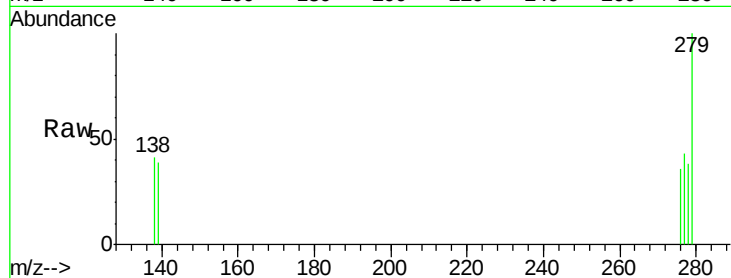
Tgt Ion: 276 Resp: 15

Ion Ratio Lower Upper

276 100

138 40.0 23.8 35.8#

277 86.7 19.7 29.5#



#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.66 min Scan# 1820

Delta R.T. -0.03 min

Lab File: BM000626.D

Acq: 03 Mar 2015 20:58

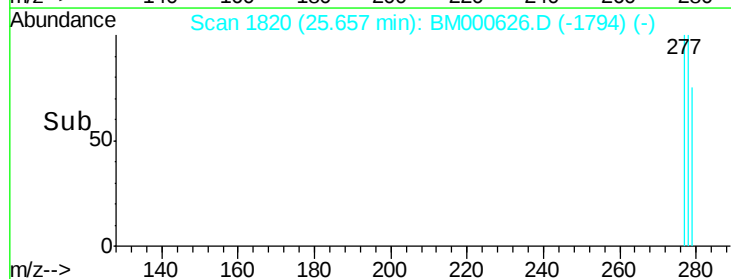
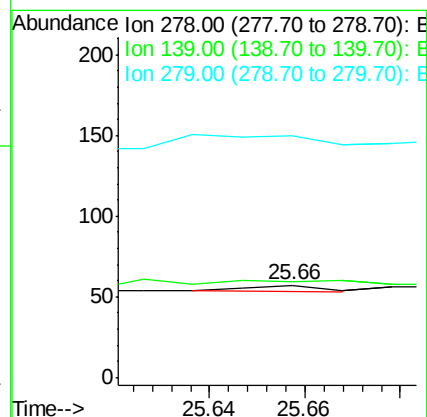
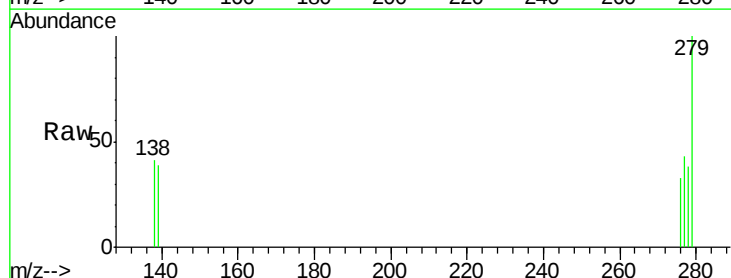
Tgt Ion: 278 Resp: 4

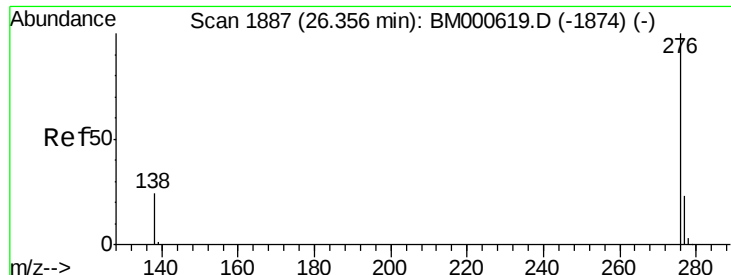
Ion Ratio Lower Upper

278 100

139 103.5 17.0 25.6#

279 263.2 22.3 33.5#





#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.38 min Scan# 1889

Delta R.T. 0.02 min

Lab File: BM000626.D

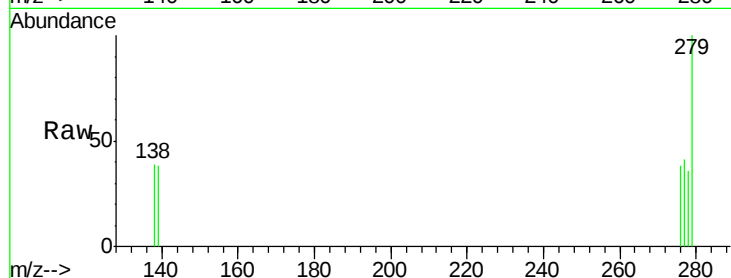
Acq: 03 Mar 2015 20:58

Instrument :

BNA_M

ClientSampleId :

MDL-04-W



Tgt Ion: 276 Resp: 43

Ion Ratio Lower Upper

276 100

277 108.8 19.9 29.9#

138 105.3 20.6 30.8#

