

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030315\
 Data File : BM000629.D
 Acq On : 03 Mar 2015 22:44
 Operator : TP/IZ
 Sample : MDL-07-W
 Misc : MDL-WATER-0.4PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

Quant Time: Mar 04 03:13:48 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	3944	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	13241	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.32	164	7277	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.05	188	12853	0.40	ng/ul	0.00
18) Chrysene-d12	21.25	240	8901	0.40	ng/ul	0.00
22) Perylene-d12	23.46	264	7592	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	5638	1.96	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.08	152	2	0.00	ng/ul	0.03
16) Fluoranthene-d10	19.11	212	7	0.00	ng/ul	0.02

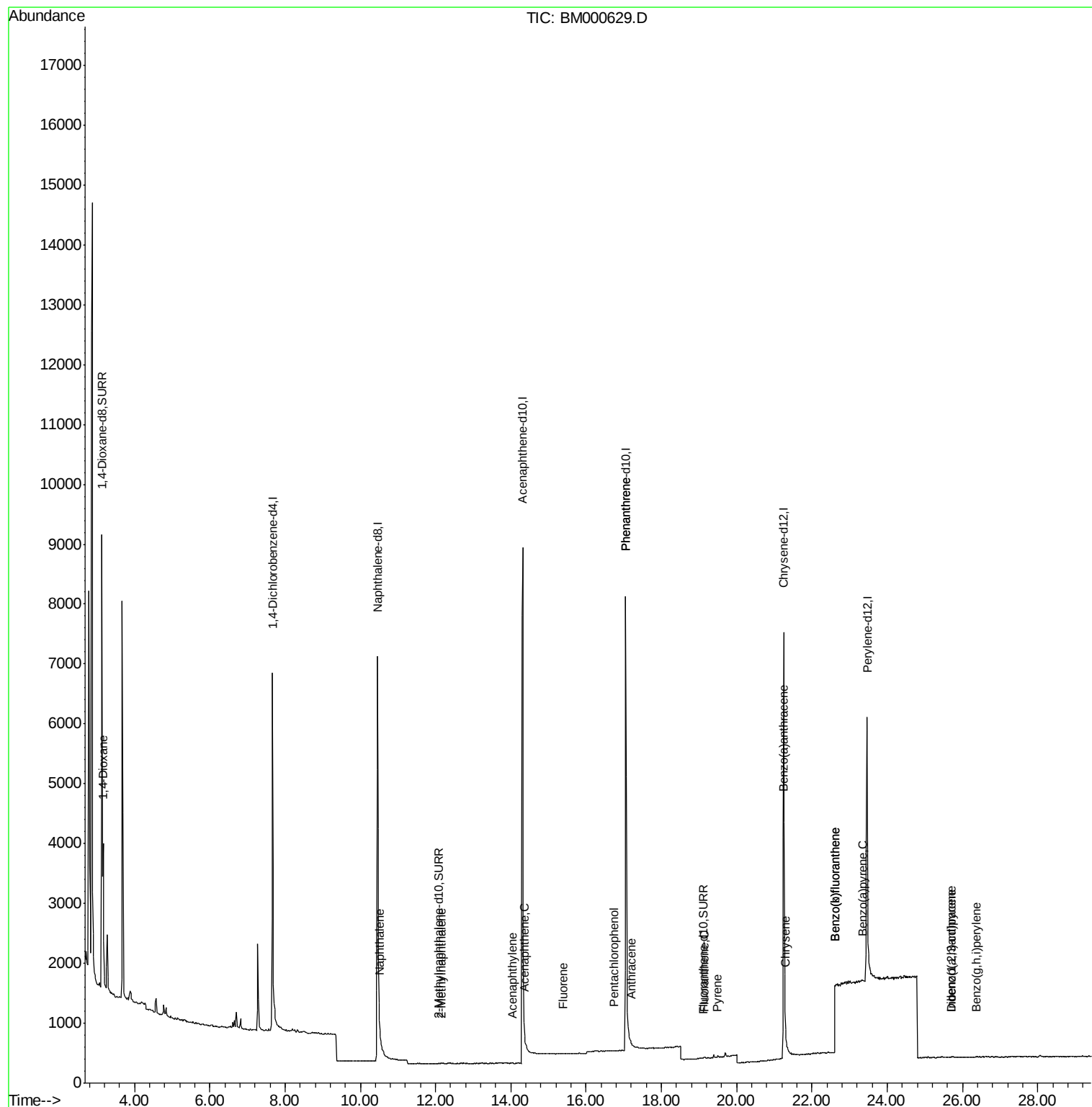
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	3.17	88	3812	0.85	ng/ul#	53
5) Naphthalene	10.50	128	20	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.16	142	7	0.00	ng/ul	87
9) Acenaphthylene	14.04	152	2	0.00	ng/ul#	1
10) Acenaphthene	14.37	153	11	0.00	ng/ul#	74
11) Fluorene	15.38	166	6	0.00	ng/ul#	37
13) Pentachlorophenol	16.75	266	4	0.00	ng/ul#	19
14) Phenanthrene	17.05	178	51	0.00	ng/ul#	1
15) Anthracene	17.21	178	8	0.00	ng/ul#	1
17) Fluoranthene	19.14	202	23	0.00	ng/ul#	1
19) Pyrene	19.49	202	23	0.00	ng/ul#	1
20) Benzo(a)anthracene	21.24	228	36	0.00	ng/ul#	1
21) Chrysene	21.28	228	23	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.62	252	517	0.02	ng/ul#	1
24) Benzo(k)fluoranthene	22.62	252	517	0.02	ng/ul#	1
25) Benzo(a)pyrene	23.36	252	34	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.70	276	13	0.00	ng/ul#	45
27) Dibenzo(a,h)anthracene	25.71	278	10	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.37	276	38	0.00	ng/ul#	1

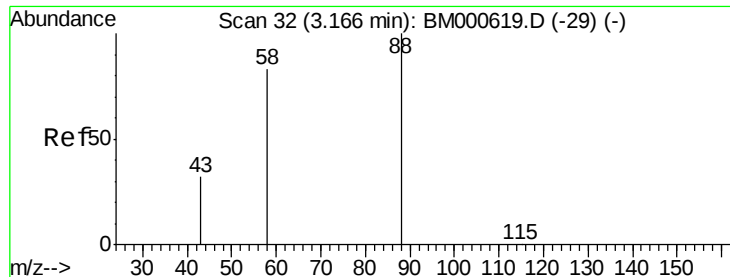
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 04 02:50:23 2015
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#3

1,4-Dioxane

Concen: 0.85 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM000629.D

Acq: 03 Mar 2015 22:44

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

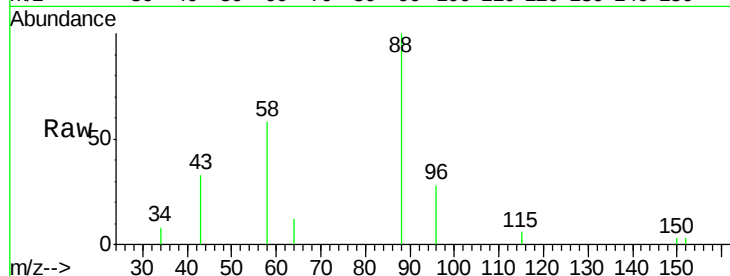
Tgt Ion: 88 Resp: 3812

Ion Ratio Lower Upper

88 100

58 33.5 55.4 83.2#

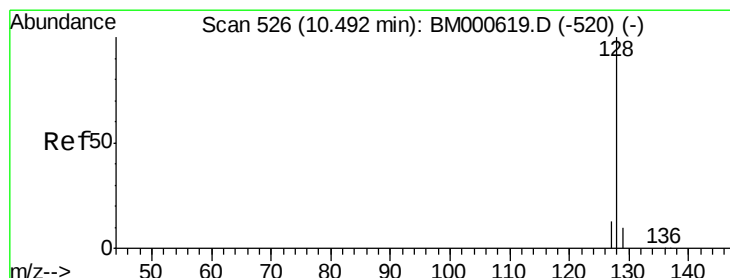
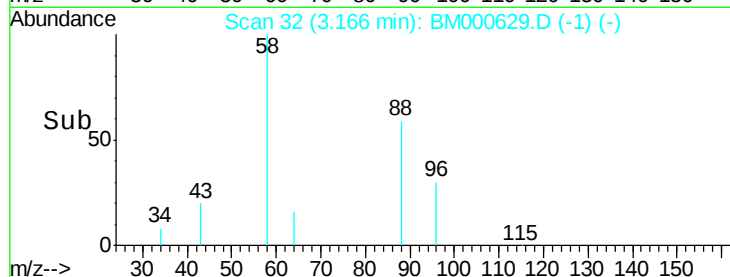
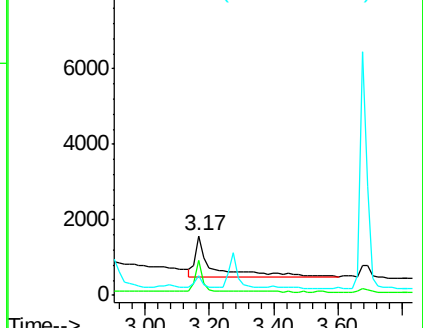
43 0.0 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BM000629.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM000629.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM000629.D (-29) (-)



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.01 min

Lab File: BM000629.D

Acq: 03 Mar 2015 22:44

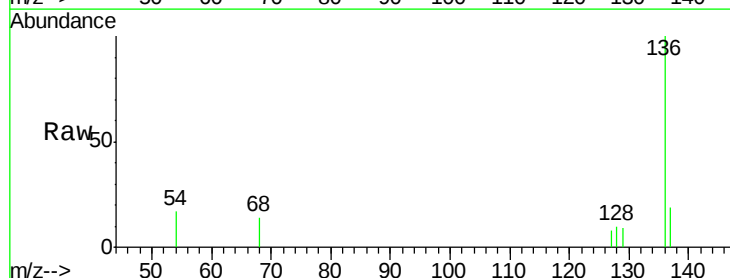
Tgt Ion: 128 Resp: 20

Ion Ratio Lower Upper

128 100

129 89.7 8.5 12.7#

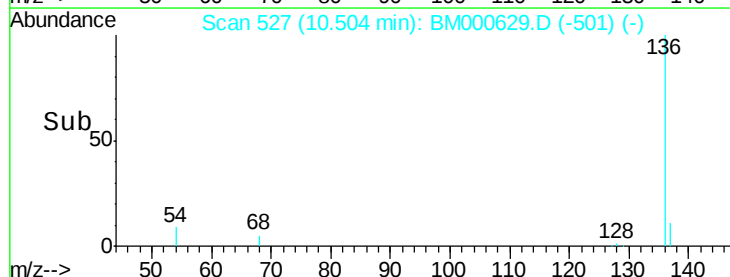
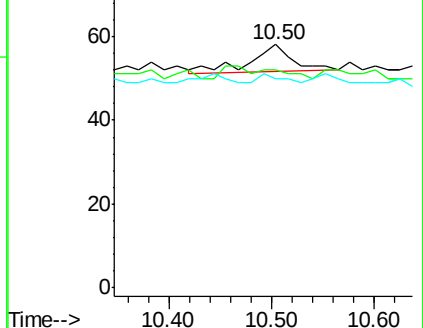
127 86.2 11.0 16.6#

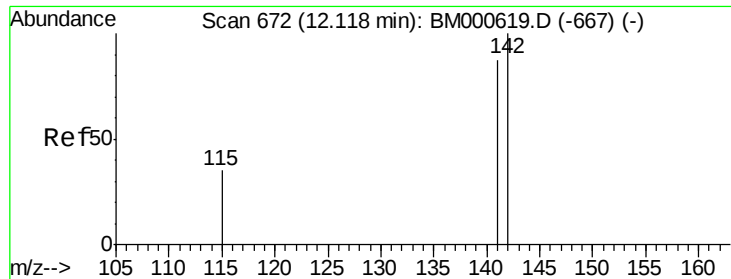


Abundance Ion 128.00 (127.70 to 128.70): BM000629.D (-520) (-)

Ion 129.00 (128.70 to 129.70): BM000629.D (-520) (-)

Ion 127.00 (126.70 to 127.70): BM000629.D (-520) (-)





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.16 min Scan# 676

Delta R.T. 0.04 min

Lab File: BM000629.D

Acq: 03 Mar 2015 22:44

Instrument :

BNA_M

ClientSampleId :

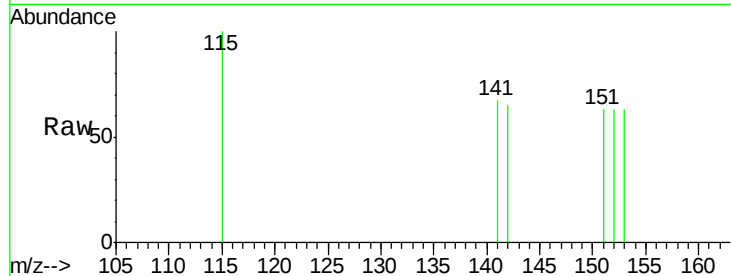
MDL-07-W

Tgt Ion:142 Resp: 7

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

12.16

60

50

40

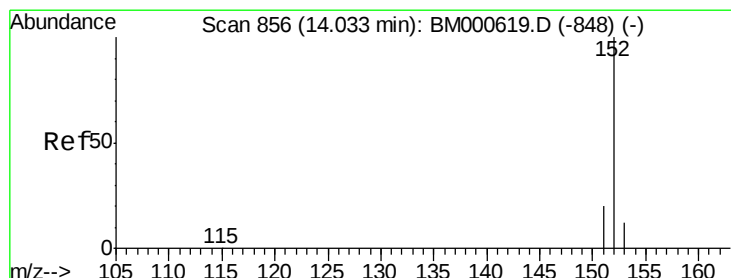
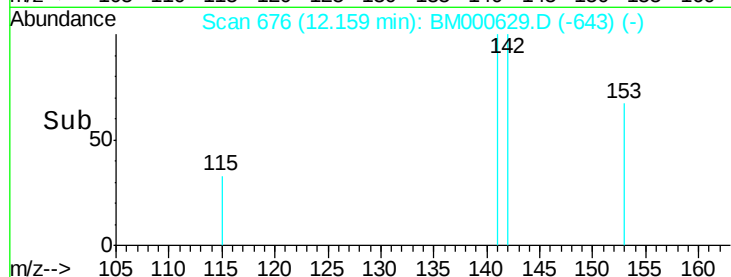
30

20

10

0

Time--> 12.10 12.15 12.20



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.04 min Scan# 857

Delta R.T. 0.01 min

Lab File: BM000629.D

Acq: 03 Mar 2015 22:44

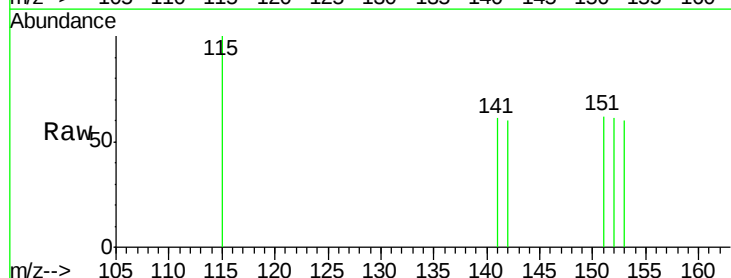
Tgt Ion:152 Resp: 2

Ion Ratio Lower Upper

152 100

151 102.0 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

14.04

60

50

40

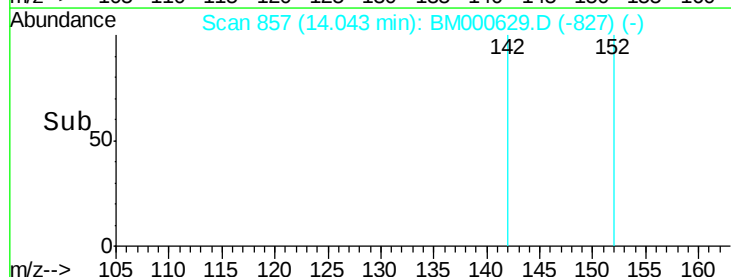
30

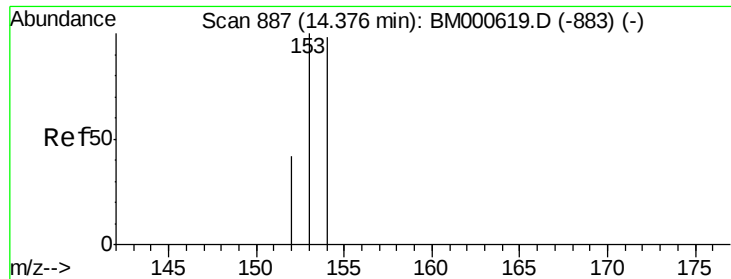
20

10

0

Time--> 14.00 14.05 14.10





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.37 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM000629.D

Acq: 03 Mar 2015 22:44

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

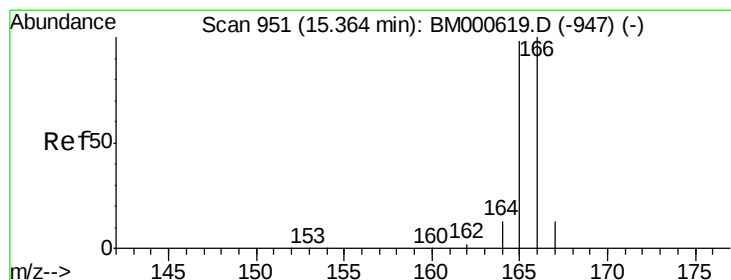
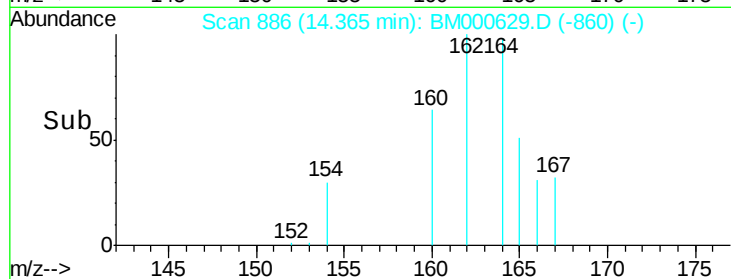
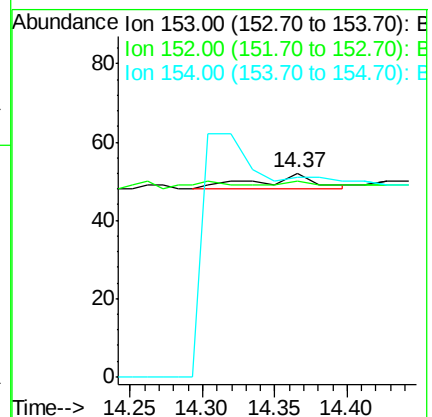
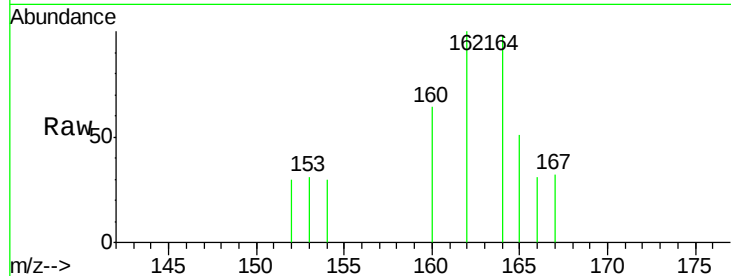
Tgt Ion:153 Resp: 11

Ion Ratio Lower Upper

153 100

152 96.2 34.2 51.2#

154 98.1 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: BM000629.D

Acq: 03 Mar 2015 22:44

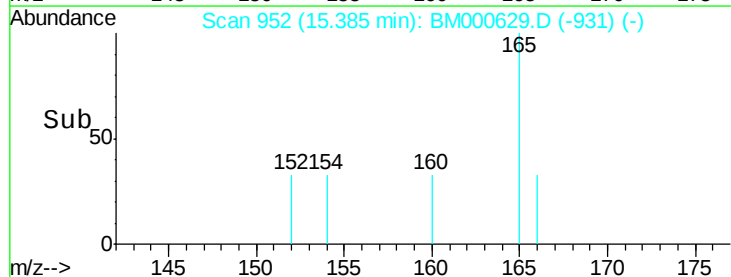
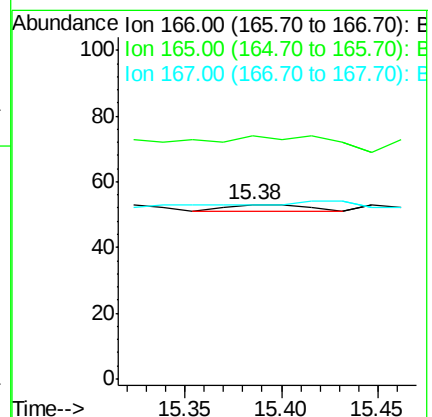
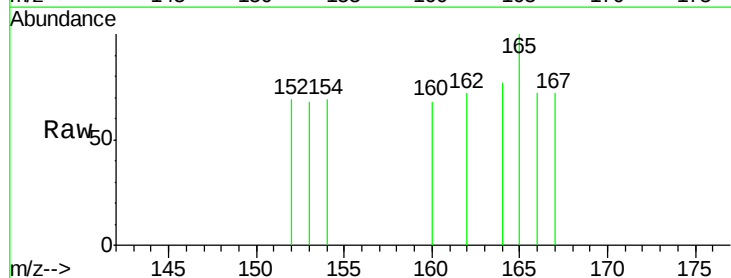
Tgt Ion:166 Resp: 6

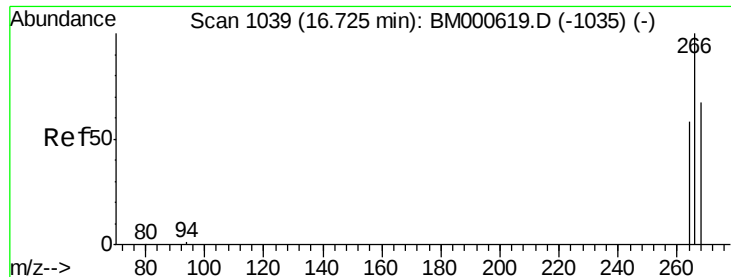
Ion Ratio Lower Upper

166 100

165 139.6 78.5 117.7#

167 100.0 10.6 16.0#

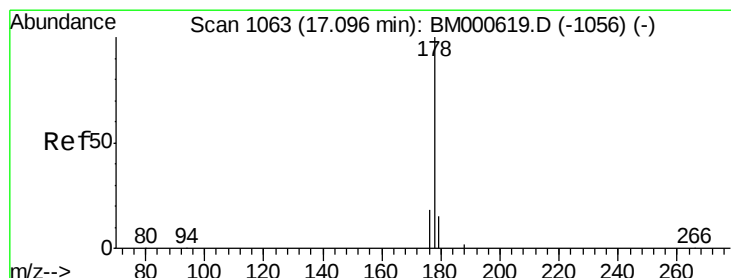
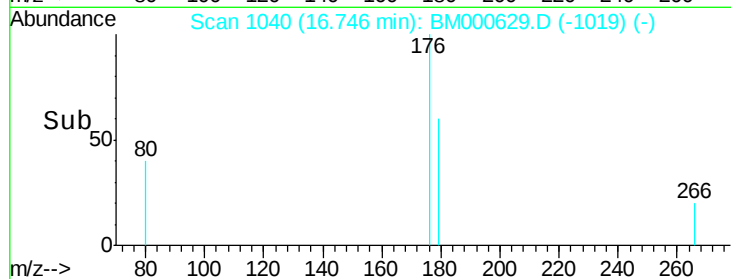
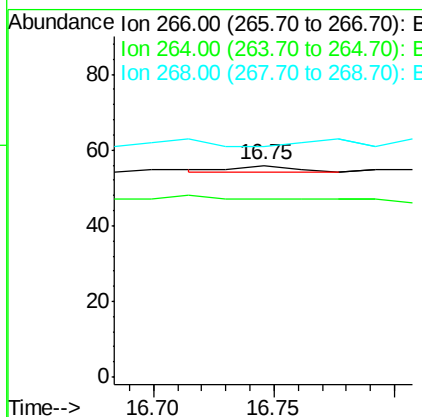
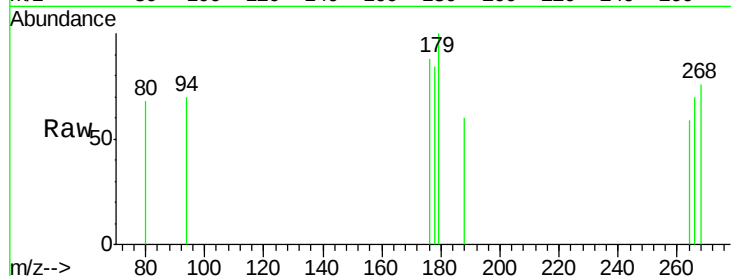




#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.75 min Scan# 1040
 Delta R.T. 0.02 min
 Lab File: BM000629.D
 Acq: 03 Mar 2015 22:44

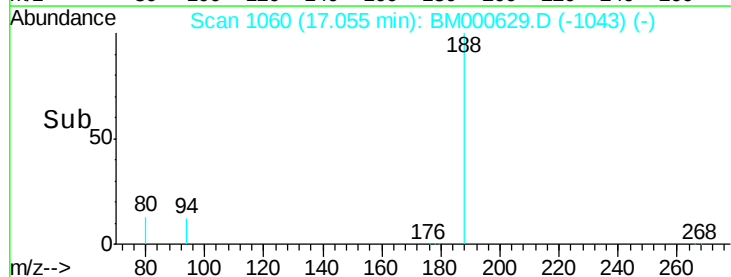
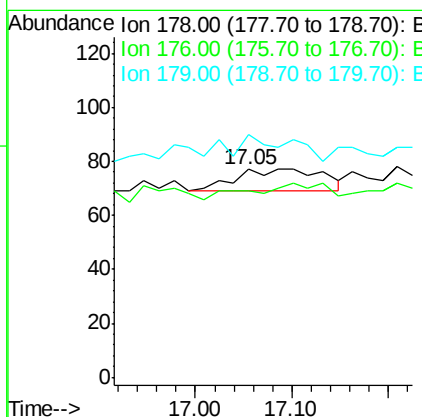
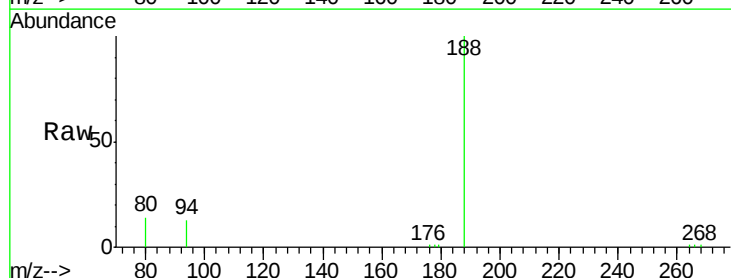
Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

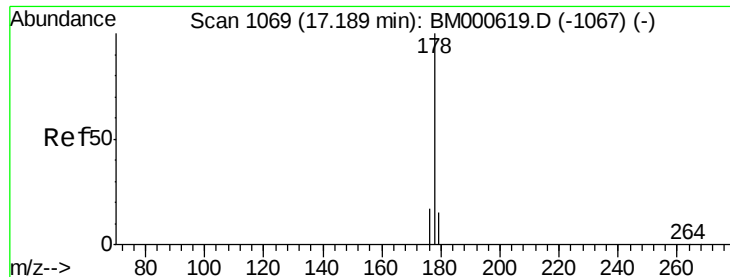
Tgt Ion: 266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 0.0 51.0 76.4#
 268 0.0 49.4 74.2#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.05 min Scan# 1060
 Delta R.T. -0.04 min
 Lab File: BM000629.D
 Acq: 03 Mar 2015 22:44

Tgt Ion: 178 Resp: 51
 Ion Ratio Lower Upper
 178 100
 176 89.6 14.8 22.2#
 179 116.9 12.7 19.1#





#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.21 min Scan# 1070

Delta R.T. 0.02 min

Lab File: BM000629.D

Acq: 03 Mar 2015 22:44

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

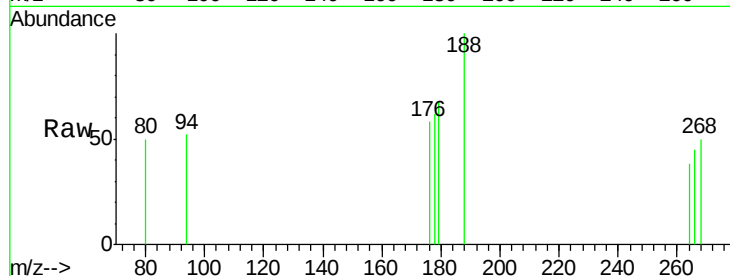
Tgt Ion:178 Resp: 8

Ion Ratio Lower Upper

178 100

176 92.3 14.2 21.4#

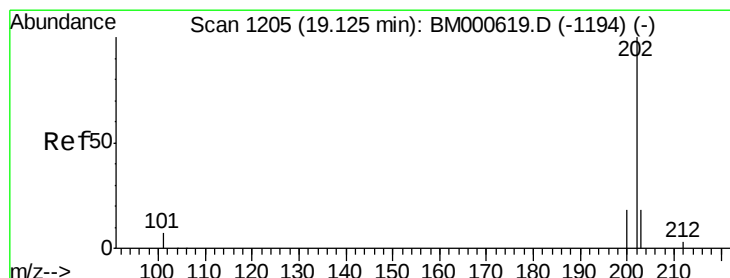
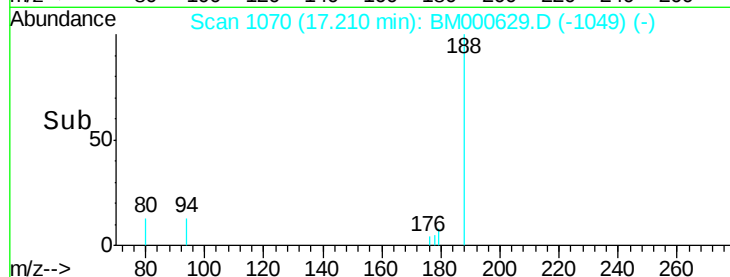
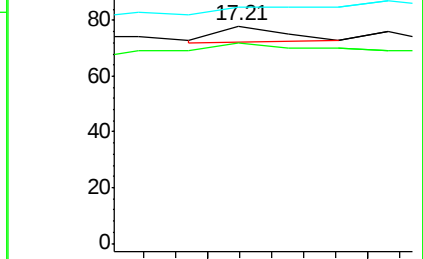
179 109.0 12.8 19.2#



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. 0.02 min

Lab File: BM000629.D

Acq: 03 Mar 2015 22:44

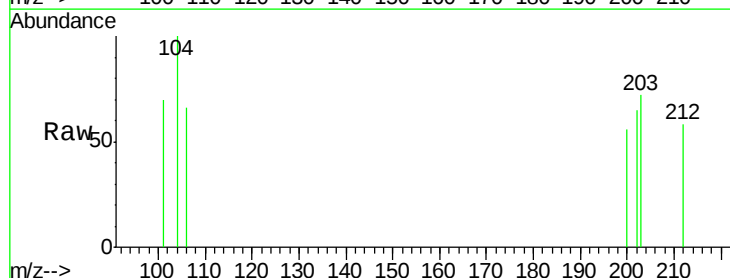
Tgt Ion:202 Resp: 23

Ion Ratio Lower Upper

202 100

101 106.9 0.0 27.0#

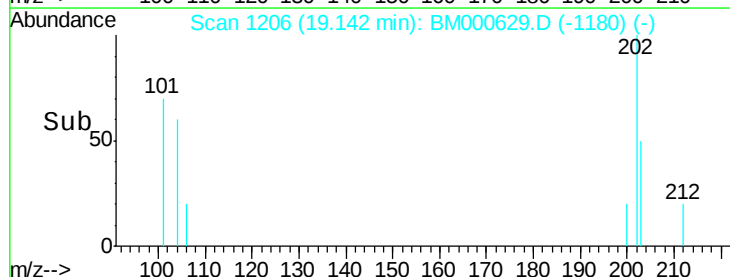
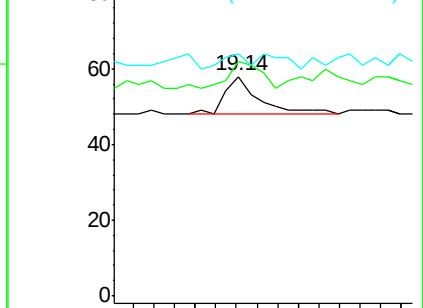
203 110.3 0.0 38.5#

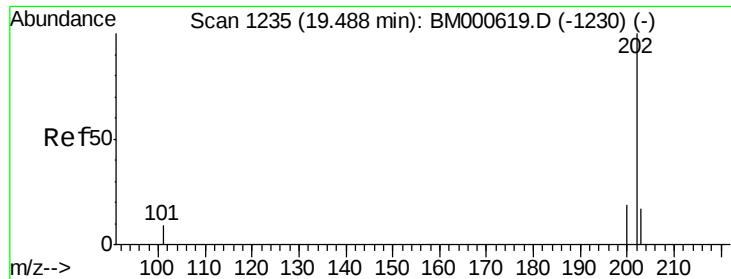


Abundance Ion 202.00 (201.70 to 202.70): E

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: 19.49 min Scan# 1235

Delta R.T. 0.01 min

Lab File: BM000629.D

Acq: 03 Mar 2015 22:44

Instrument :

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MDL-07-W

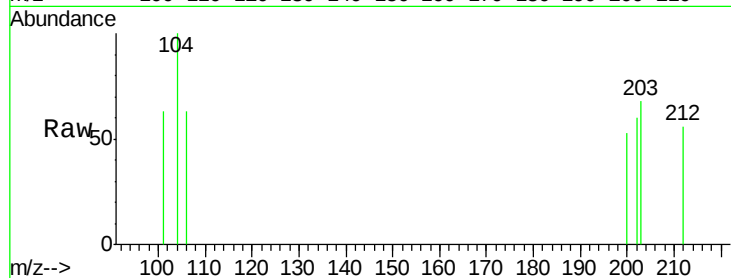
Tgt Ion:202 Resp: 23

Ion Ratio Lower Upper

202 100

200 87.7 15.5 23.3#

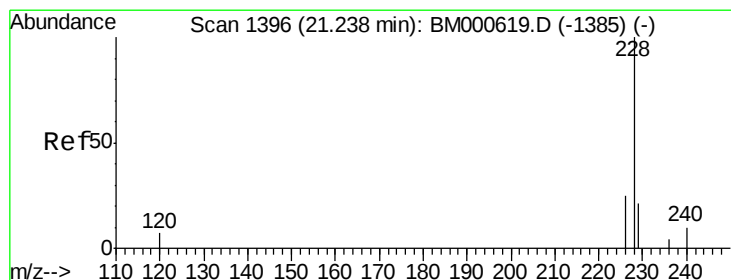
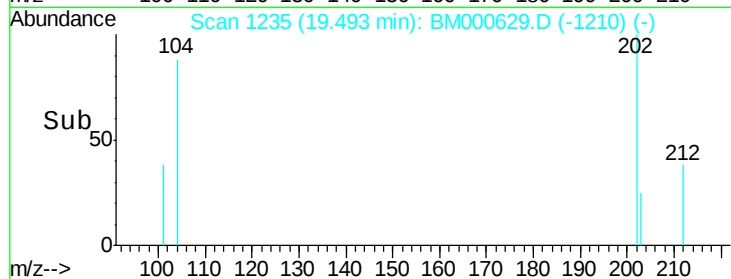
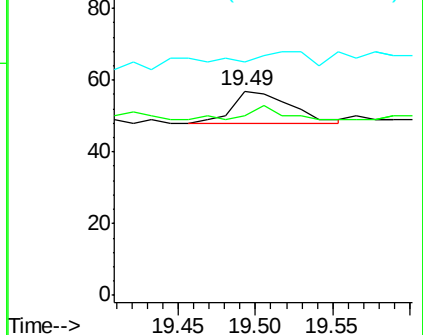
203 114.0 14.2 21.2#



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



#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.24 min Scan# 1396

Delta R.T. 0.01 min

Lab File: BM000629.D

Acq: 03 Mar 2015 22:44

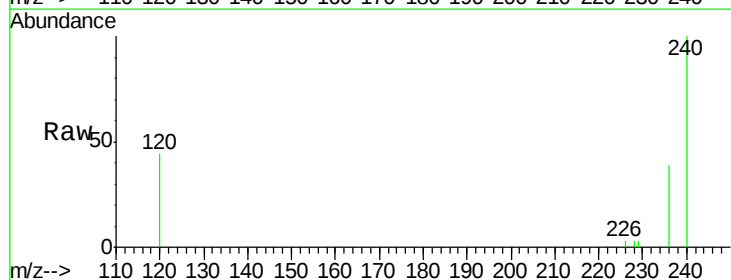
Tgt Ion:228 Resp: 36

Ion Ratio Lower Upper

228 100

226 83.8 20.0 30.0#

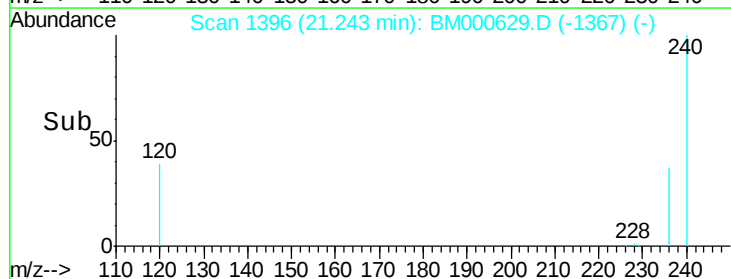
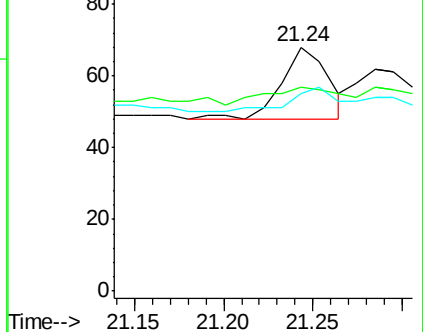
229 80.9 16.7 25.1#

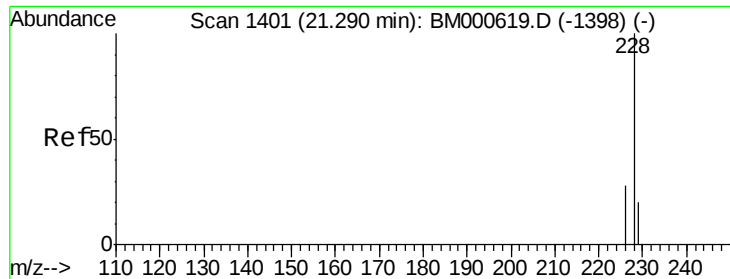


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.00 ng/u1

RT: 21.28 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BM000629.D

Acq: 03 Mar 2015 22:44

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

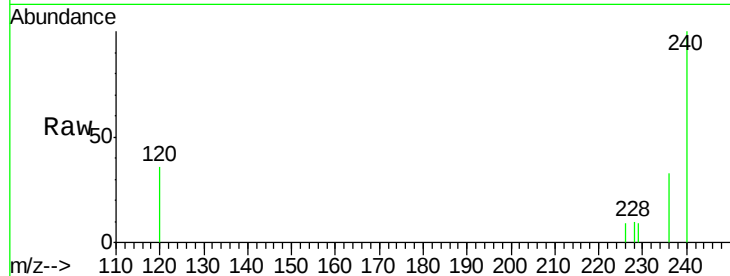
Tgt Ion:228 Resp: 23

Ion Ratio Lower Upper

228 100

226 91.9 22.6 33.8#

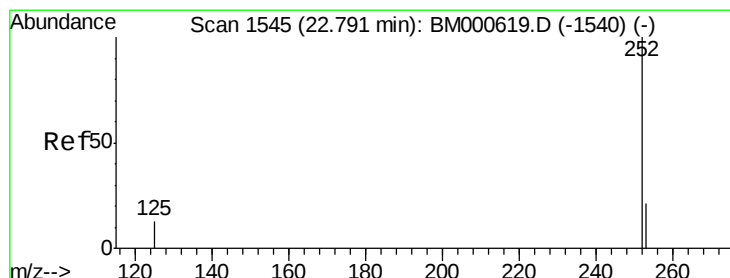
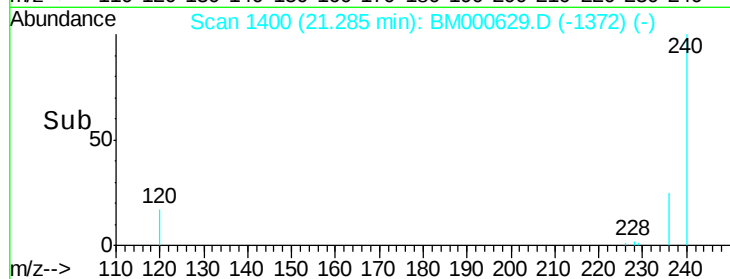
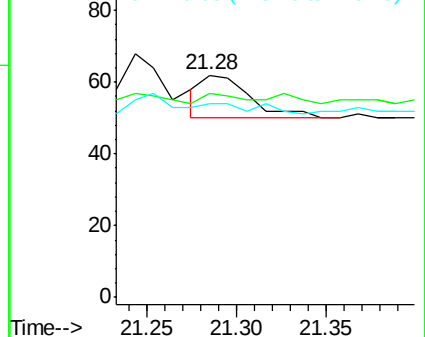
229 87.1 16.4 24.6#



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: 0.02 ng/u1

RT: 22.62 min Scan# 1528

Delta R.T. -0.17 min

Lab File: BM000629.D

Acq: 03 Mar 2015 22:44

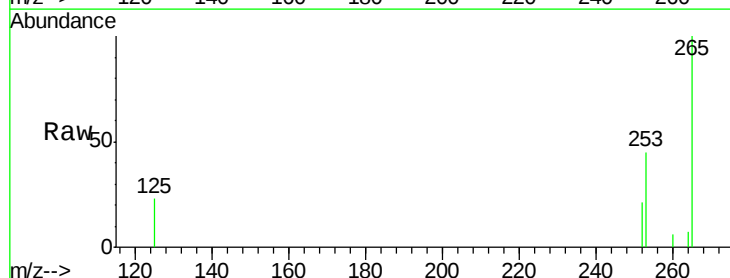
Tgt Ion:252 Resp: 517

Ion Ratio Lower Upper

252 100

253 211.8 0.0 51.2#

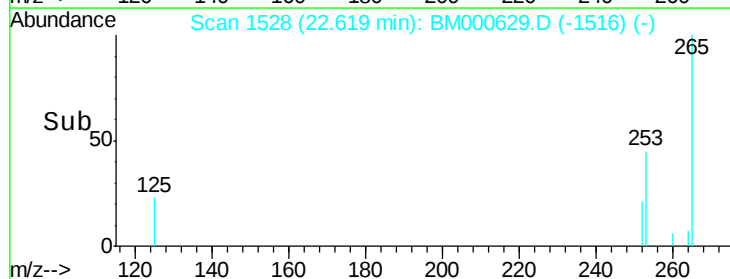
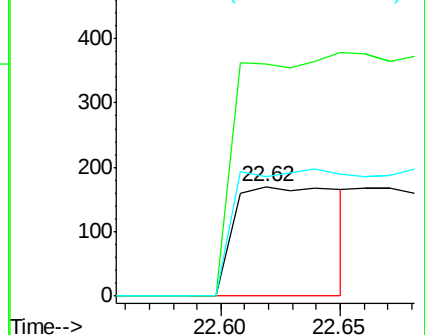
125 109.4 0.0 30.0#

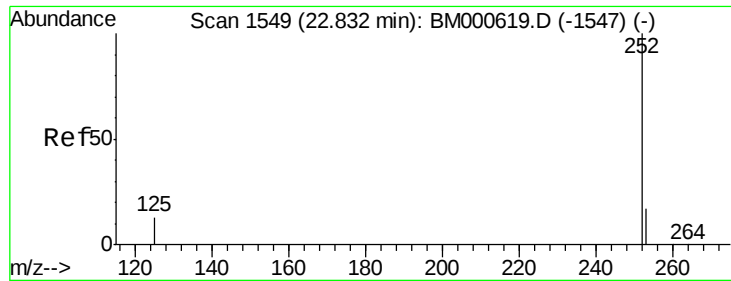


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.02 ng/u1

RT: 22.62 min Scan# 1528

Delta R.T. -0.21 min

Lab File: BM000629.D

Acq: 03 Mar 2015 22:44

Instrument :

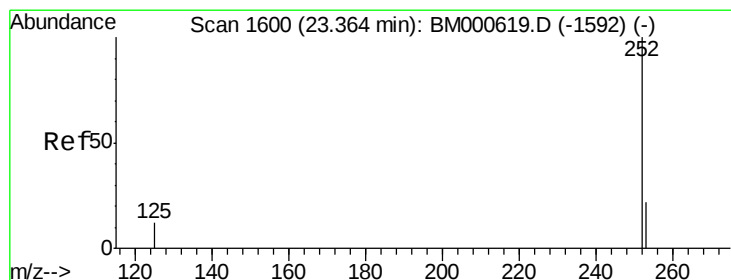
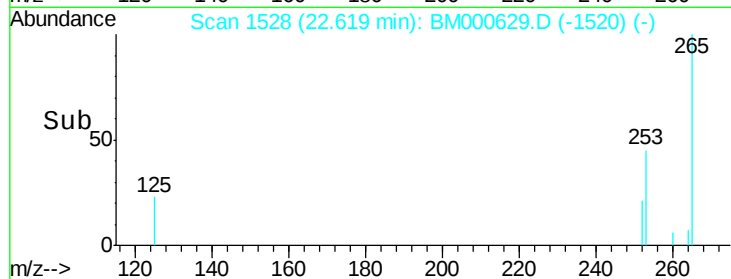
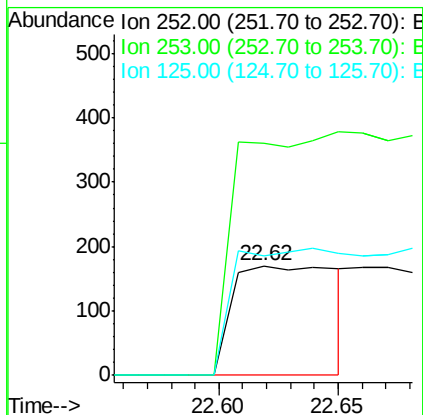
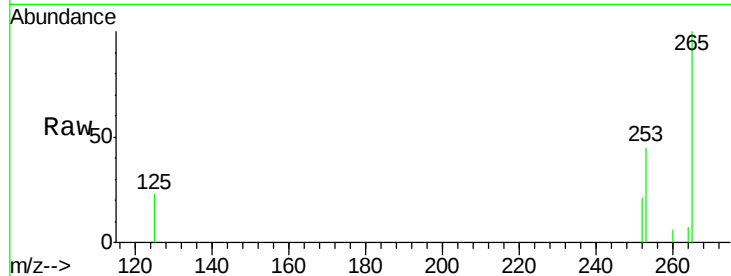
BNA_M

ClientSampleId :

MDL-07-W

Tgt Ion:252 Resp: 517

Ion	Ratio	Lower	Upper
252	100		
253	211.8	20.5	30.7#
125	109.4	11.8	17.6#



#25

Benzo(a)pyrene

Concen: 0.00 ng/u1

RT: 23.36 min Scan# 1599

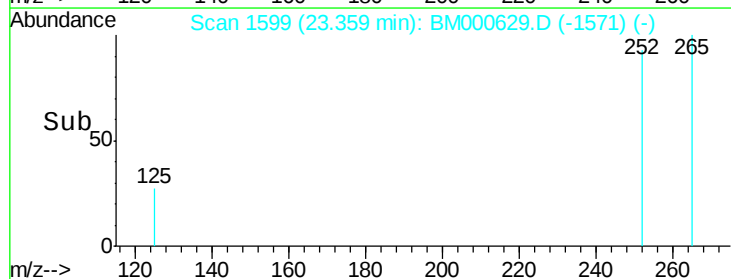
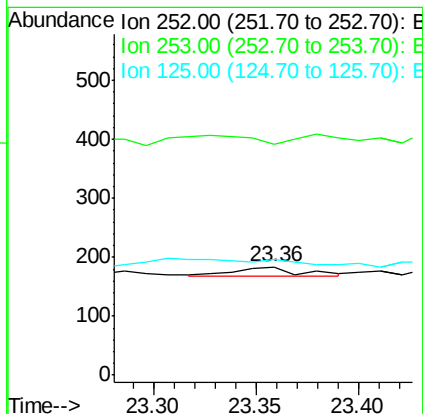
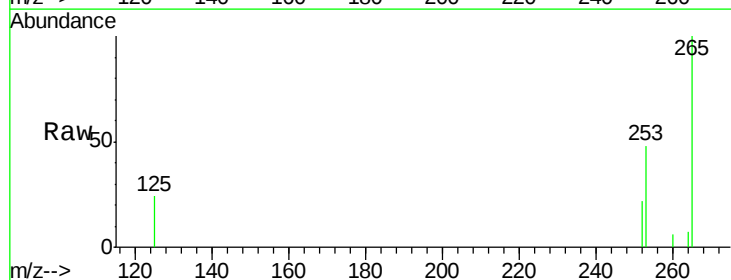
Delta R.T. -0.01 min

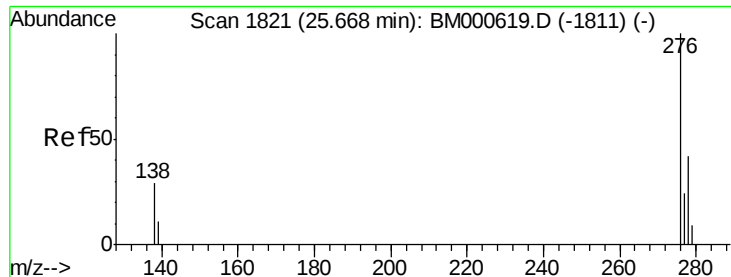
Lab File: BM000629.D

Acq: 03 Mar 2015 22:44

Tgt Ion:252 Resp: 34

Ion	Ratio	Lower	Upper
252	100		
253	212.5	23.4	35.0#
125	107.1	12.2	18.4#





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.70 min Scan# 1824

Delta R.T. 0.04 min

Lab File: BM000629.D

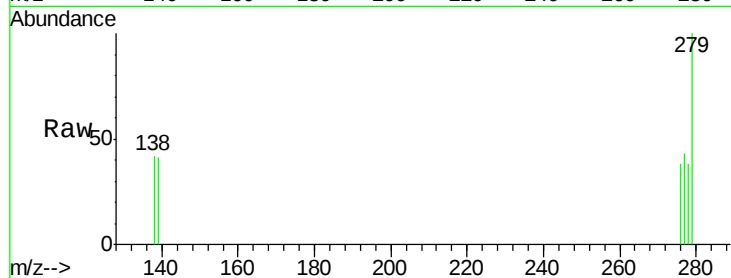
Acq: 03 Mar 2015 22:44

Instrument :

BNA_M

ClientSampleId :

MDL-07-W



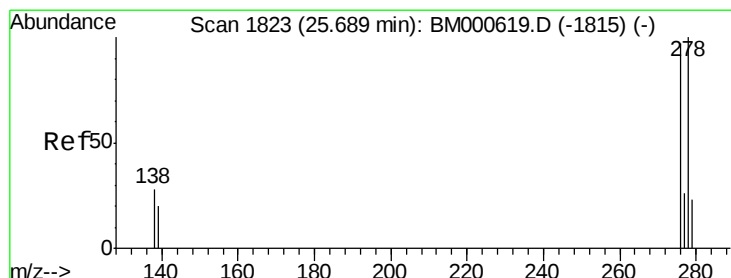
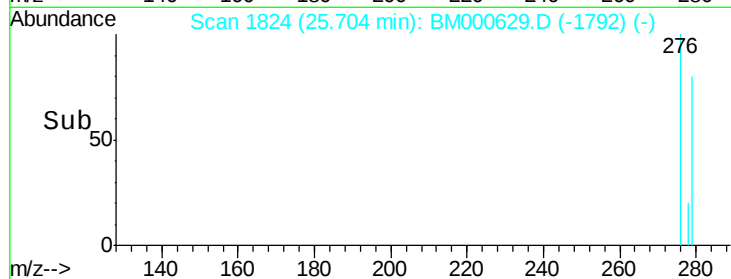
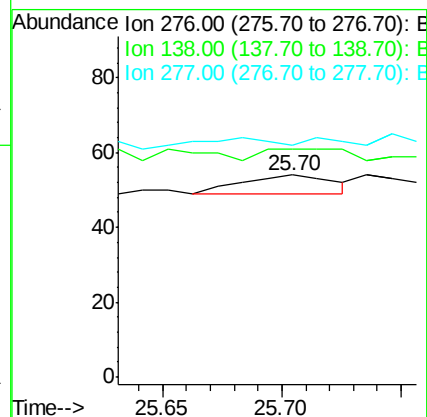
Tgt Ion: 276 Resp: 13

Ion Ratio Lower Upper

276 100

138 61.5 23.8 35.8#

277 0.0 19.7 29.5#



#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.71 min Scan# 1825

Delta R.T. 0.03 min

Lab File: BM000629.D

Acq: 03 Mar 2015 22:44

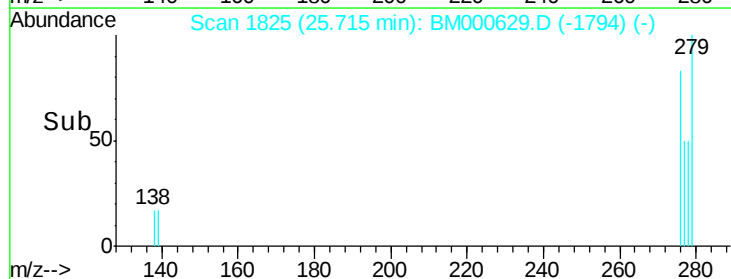
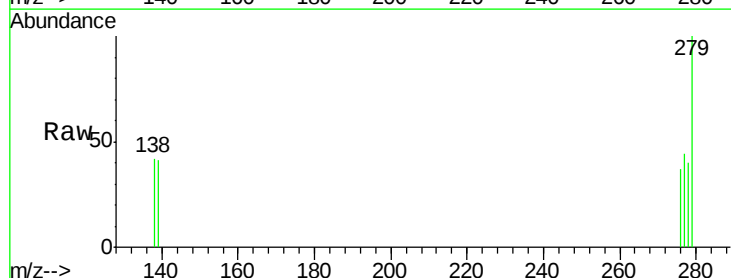
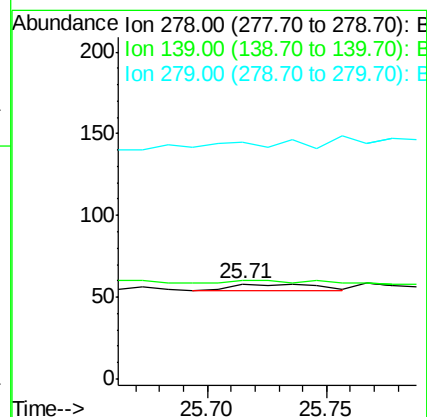
Tgt Ion: 278 Resp: 10

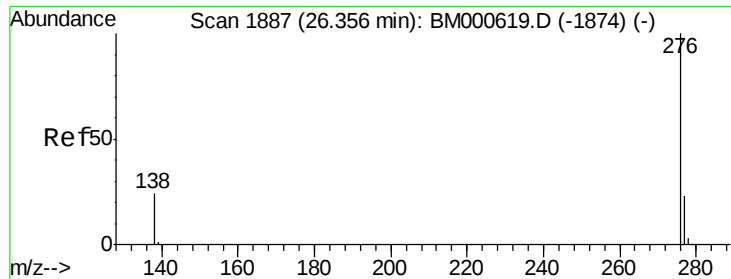
Ion Ratio Lower Upper

278 100

139 103.4 17.0 25.6#

279 250.0 22.3 33.5#





#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.37 min Scan# 1888

Delta R.T. 0.02 min

Lab File: BM000629.D

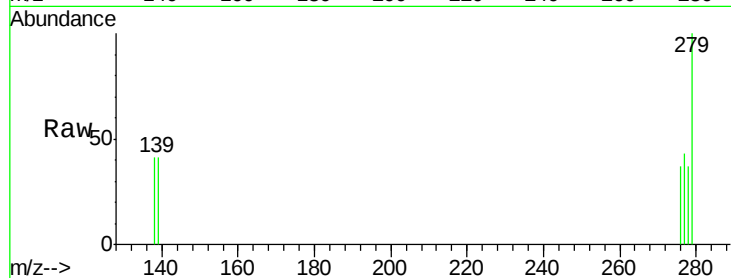
Acq: 03 Mar 2015 22:44

Instrument :

BNA_M

ClientSampleId :

MDL-07-W



Tgt Ion: 276 Resp: 38

Ion Ratio Lower Upper

276 100

277 116.4 19.9 29.9#

138 110.9 20.6 30.8#

