

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030315\
 Data File : BM000628.D
 Acq On : 03 Mar 2015 22:09
 Operator : TP/IZ
 Sample : MDL-06-W
 Misc : MDL-WATER-0.4PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-W

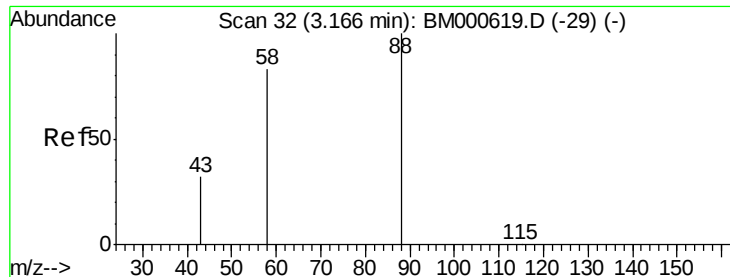
Quant Time: Mar 04 03:13:37 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 02:50:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4205	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	14101	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.31	164	6633	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	13629	0.40	ng/ul	0.02
18) Chrysene-d12	21.26	240	8808	0.40	ng/ul	0.00
22) Perylene-d12	23.46	264	7707	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	4869	1.59	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	6	0.00	ng/ul	0.07
16) Fluoranthene-d10	19.11	212	8	0.00	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	3.17	88	3447	0.72	ng/ul#	47
5) Naphthalene	10.50	128	12	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.16	142	2	0.00	ng/ul#	1
9) Acenaphthylene	14.03	152	10	0.00	ng/ul#	1
10) Acenaphthene	14.38	153	3	0.00	ng/ul#	75
11) Fluorene	15.38	166	6	0.00	ng/ul#	38
13) Pentachlorophenol	16.77	266	16	0.01	ng/ul#	35
14) Phenanthrene	17.05	178	15	0.00	ng/ul#	1
15) Anthracene	17.20	178	16	0.00	ng/ul#	1
17) Fluoranthene	19.14	202	17	0.00	ng/ul#	1
19) Pyrene	19.50	202	23	0.00	ng/ul#	1
20) Benzo(a)anthracene	21.25	228	38	0.00	ng/ul#	1
21) Chrysene	21.25	228	38	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.61	252	522	0.02	ng/ul#	1
24) Benzo(k)fluoranthene	22.61	252	522	0.02	ng/ul#	1
25) Benzo(a)pyrene	23.37	252	73	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.63	276	3	0.00	ng/ul#	1
27) Dibenzo(a,h)anthracene	25.66	278	8	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.34	276	4	0.00	ng/ul#	1

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



#3

1,4-Dioxane

Concen: 0.72 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. -0.00 min

Lab File: BM000628.D

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MDL-06-W

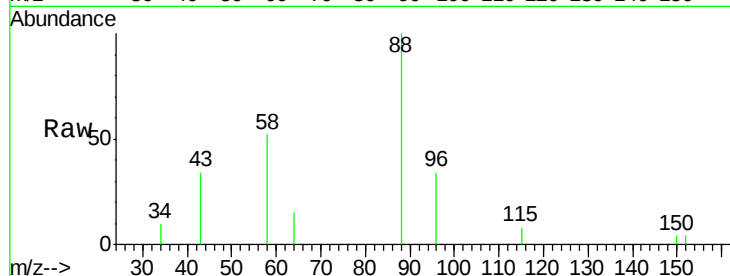
Tgt Ion: 88 Resp: 3447

Ion Ratio Lower Upper

88 100

58 26.5 55.4 83.2#

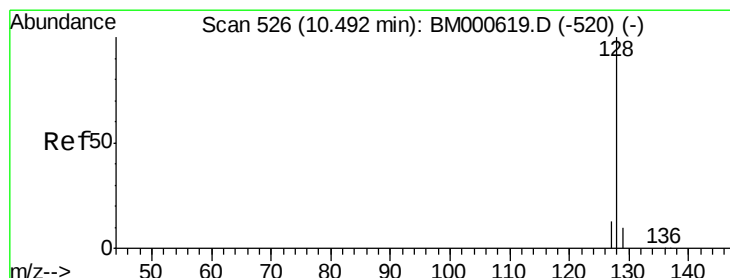
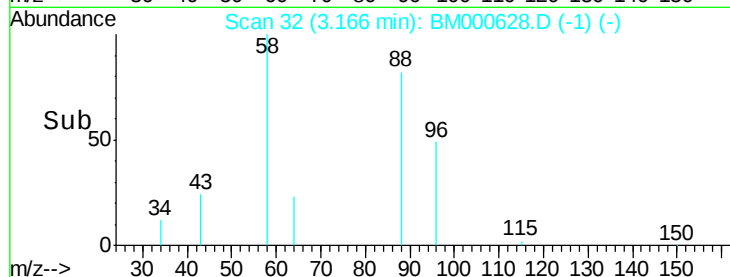
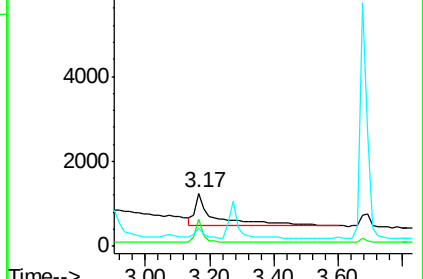
43 0.0 24.2 36.2#



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: BM000628.D

Acq: 03 Mar 2015 22:09

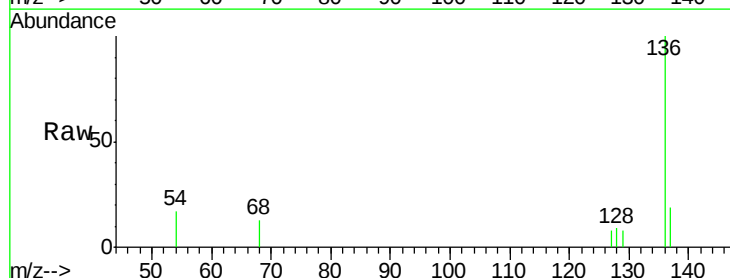
Tgt Ion: 128 Resp: 12

Ion Ratio Lower Upper

128 100

129 89.7 8.5 12.7#

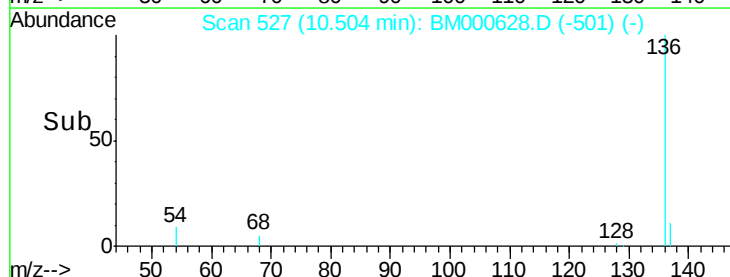
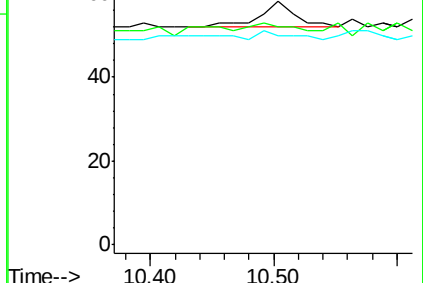
127 86.2 11.0 16.6#

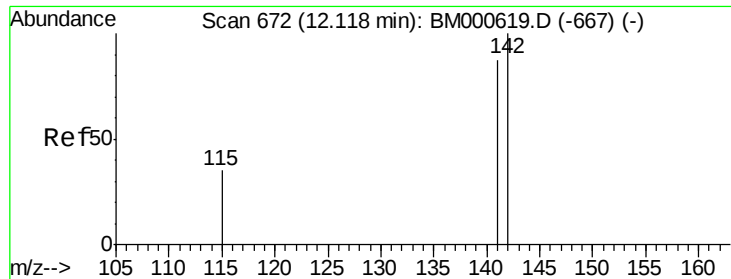


Abundance Ion 128.00 (127.70 to 128.70): BM000619.D (-520) (-)

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: 12.16 min Scan# 676

Delta R.T. 0.04 min

Lab File: BM000628.D

Acq: 03 Mar 2015 22:09

Instrument :

BNA_M

ClientSampleId :

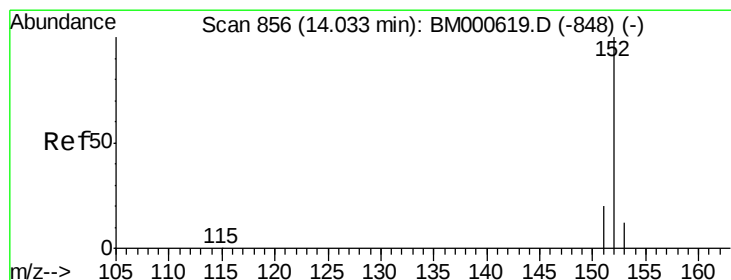
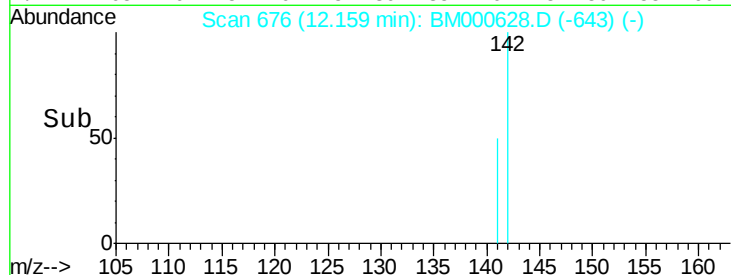
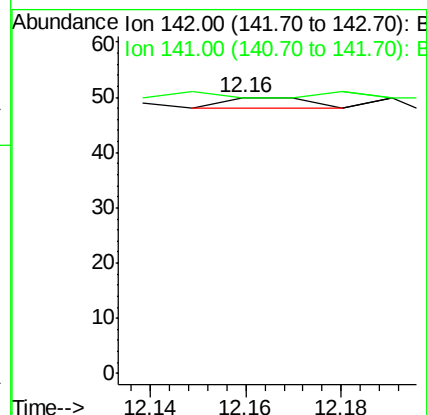
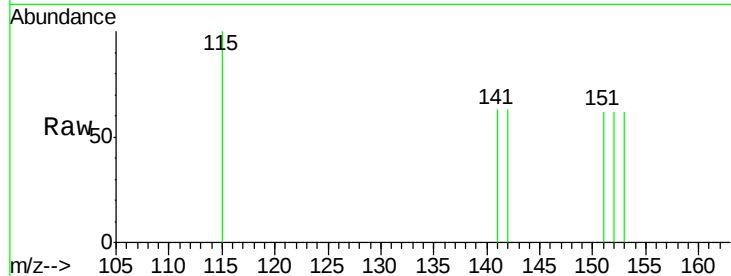
MDL-06-W

Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

142 100

141 250.0 70.6 106.0#



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.03 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM000628.D

Acq: 03 Mar 2015 22:09

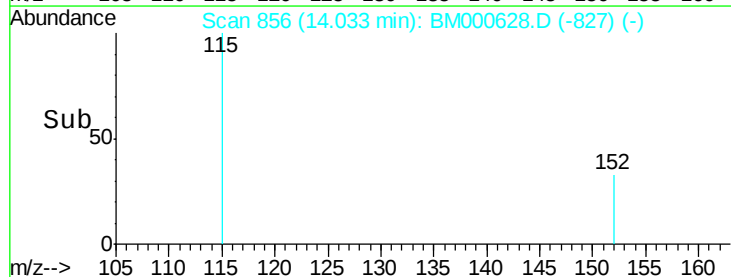
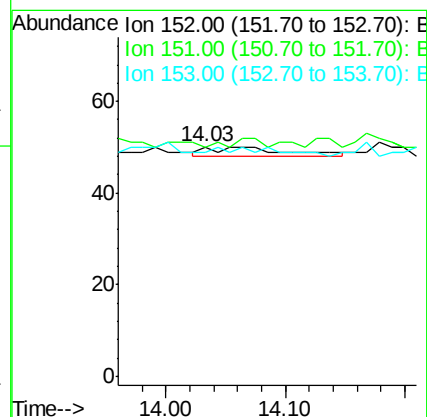
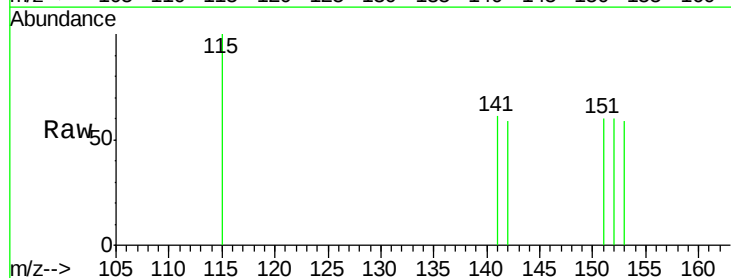
Tgt Ion:152 Resp: 10

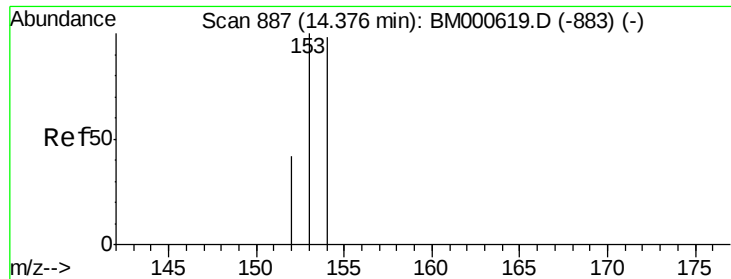
Ion Ratio Lower Upper

152 100

151 100.0 16.0 24.0#

153 98.0 10.2 15.4#





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.38 min Scan# 887

Delta R.T. -0.00 min

Lab File: BM000628.D

Acq: 03 Mar 2015 22:09

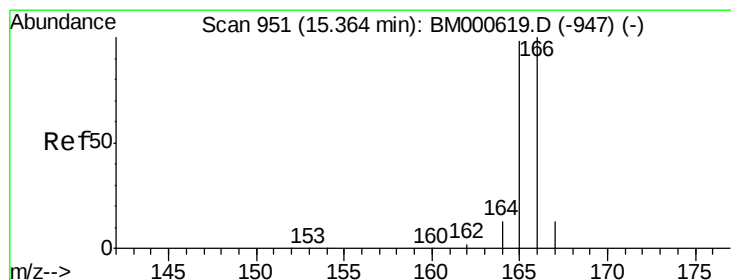
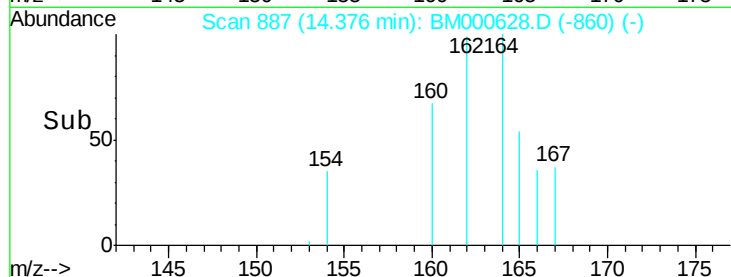
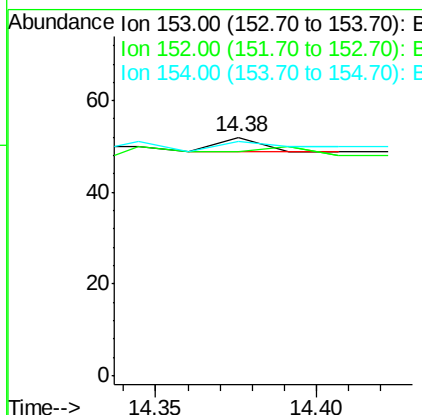
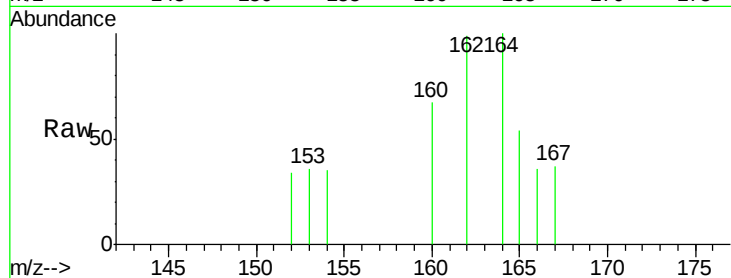
Instrument :

BNA_M

ClientSampleId :

MDL-06-W

Tgt Ion:	153	Resp:	3
Ion	Ratio	Lower	Upper
153	100		
152	94.2	34.2	51.2#
154	98.1	78.8	118.2



#11

Fluorene

Concen: 0.00 ng/ul

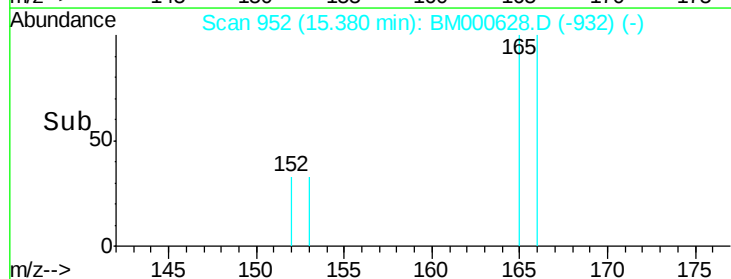
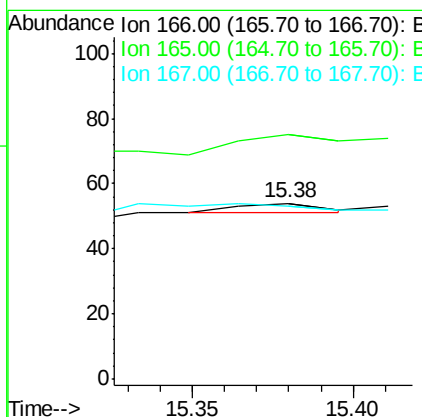
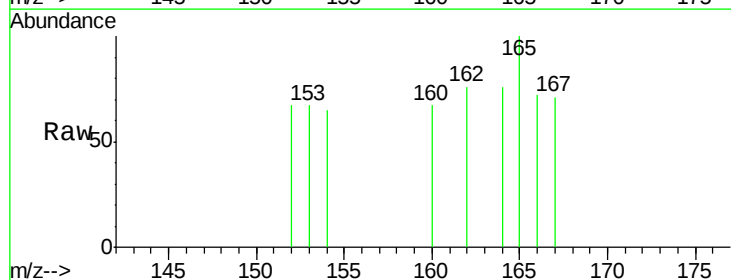
RT: 15.38 min Scan# 952

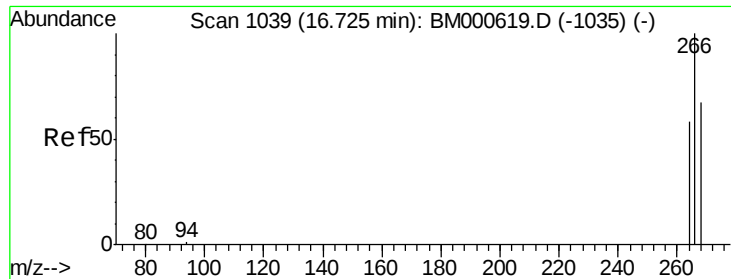
Delta R.T. 0.02 min

Lab File: BM000628.D

Acq: 03 Mar 2015 22:09

Tgt Ion:	166	Resp:	6
Ion	Ratio	Lower	Upper
166	100		
165	138.9	78.5	117.7#
167	98.1	10.6	16.0#

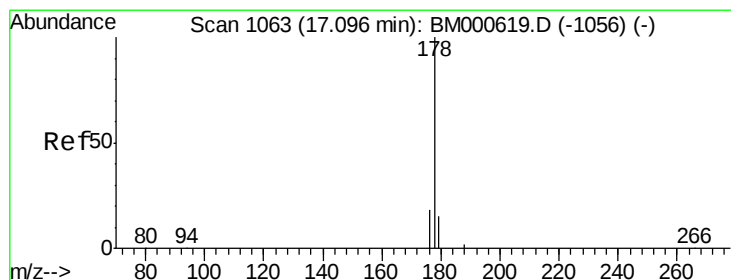
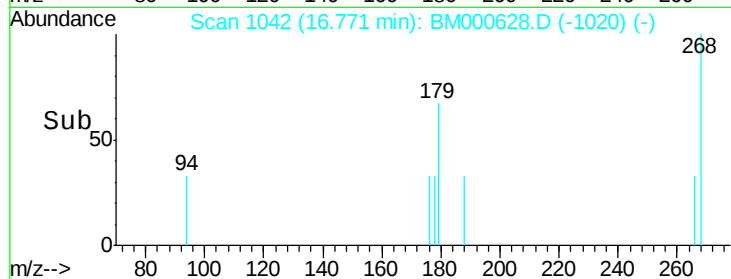
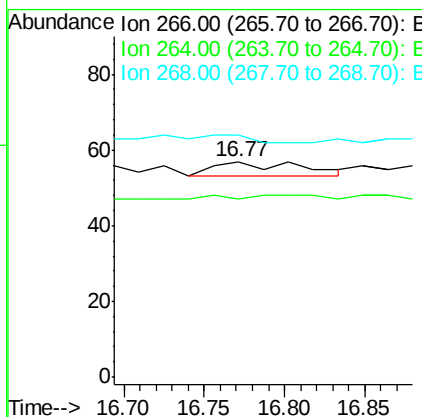
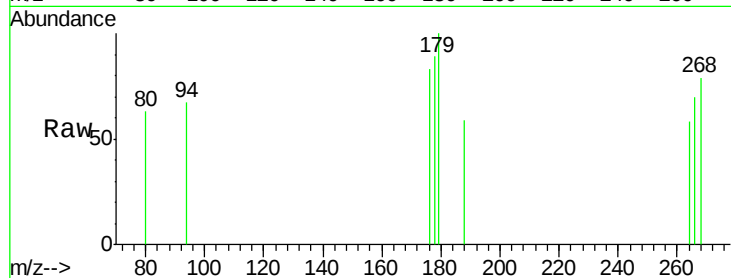




#13
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 16.77 min Scan# 1042
 Delta R.T. 0.05 min
 Lab File: BM000628.D
 Acq: 03 Mar 2015 22:09

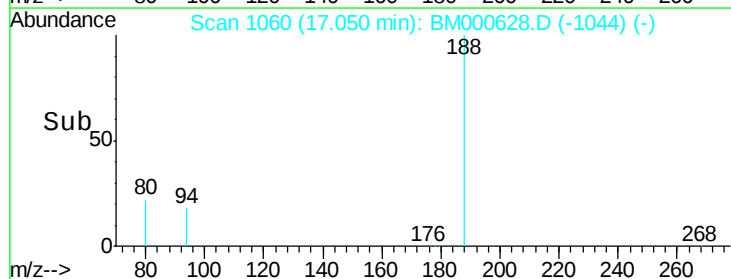
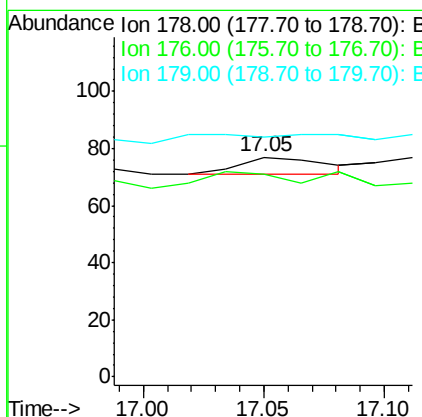
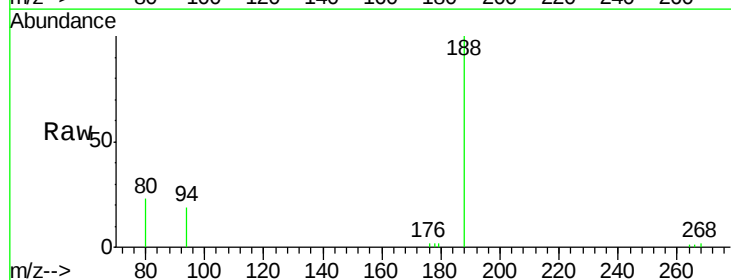
Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-W

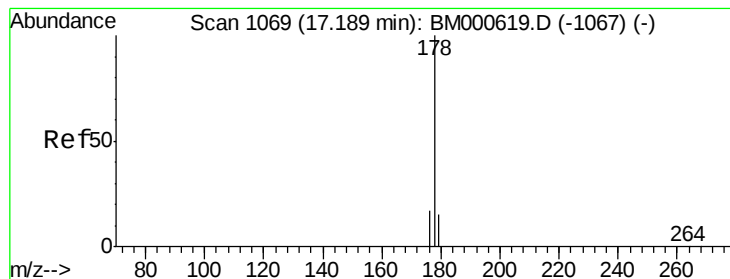
Tgt Ion: 266 Resp: 16
 Ion Ratio Lower Upper
 266 100
 264 25.0 51.0 76.4#
 268 0.0 49.4 74.2#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.05 min Scan# 1060
 Delta R.T. -0.05 min
 Lab File: BM000628.D
 Acq: 03 Mar 2015 22:09

Tgt Ion: 178 Resp: 15
 Ion Ratio Lower Upper
 178 100
 176 92.2 14.8 22.2#
 179 109.1 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: BM000628.D

Acq: 03 Mar 2015 22:09

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

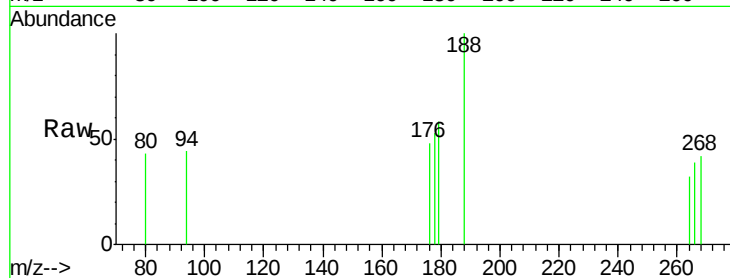
Tgt Ion:178 Resp: 16

Ion Ratio Lower Upper

178 100

176 91.0 14.2 21.4#

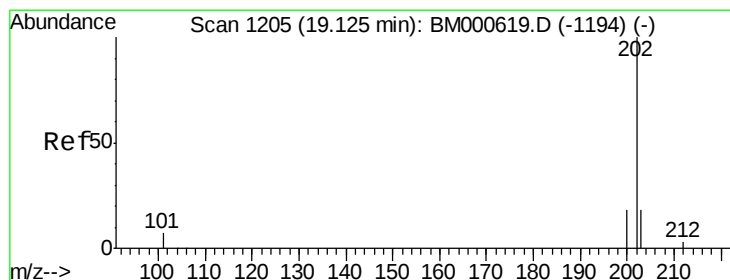
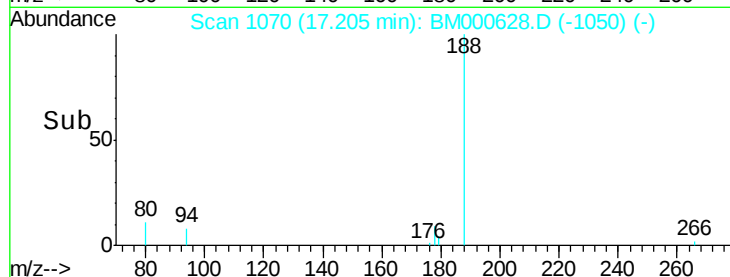
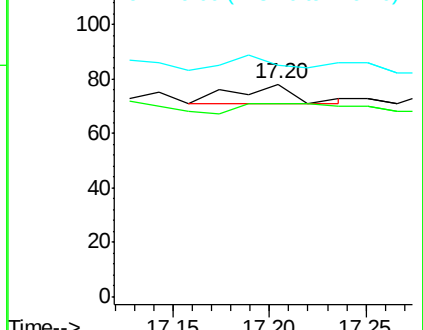
179 109.0 12.8 19.2#



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. 0.01 min

Lab File: BM000628.D

Acq: 03 Mar 2015 22:09

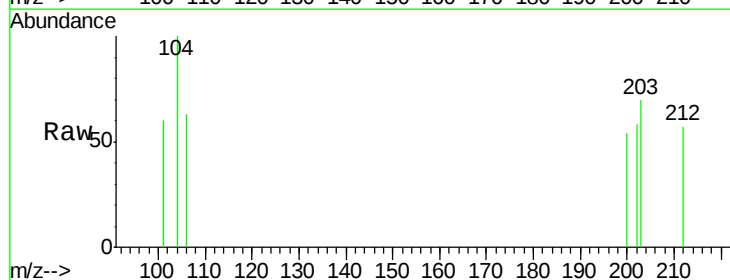
Tgt Ion:202 Resp: 17

Ion Ratio Lower Upper

202 100

101 103.8 0.0 27.0#

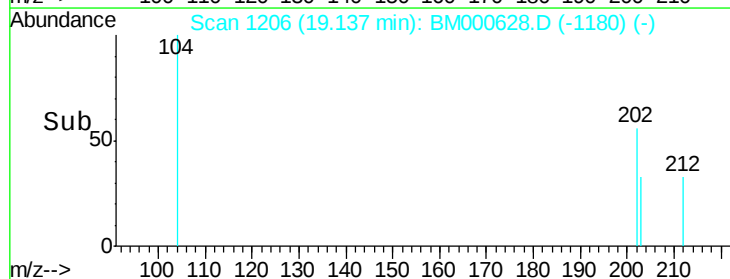
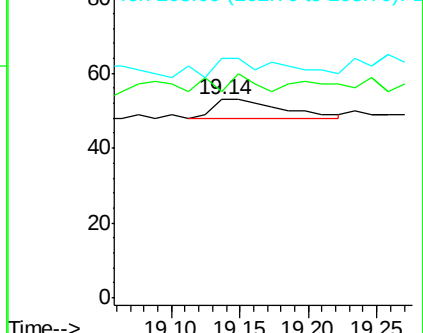
203 120.8 0.0 38.5#

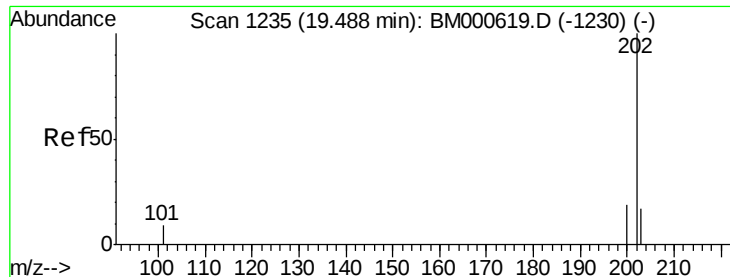


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM000628.D

Acq: 03 Mar 2015 22:09

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

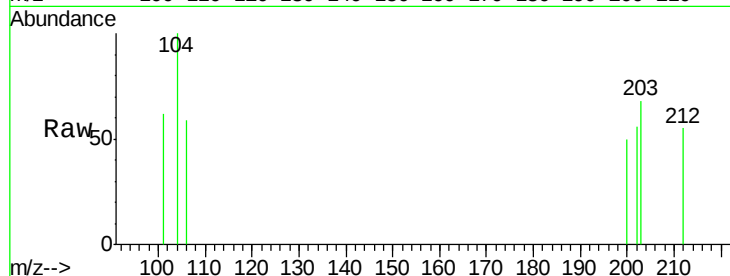
Tgt Ion:202 Resp: 23

Ion Ratio Lower Upper

202 100

200 89.1 15.5 23.3#

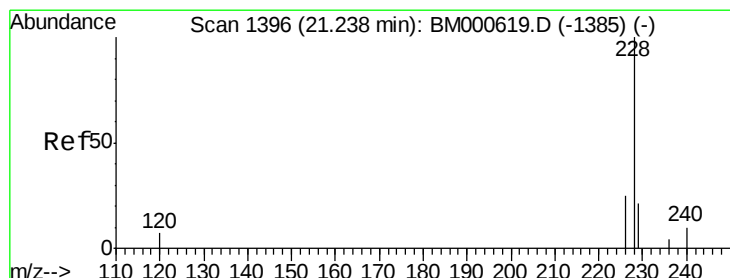
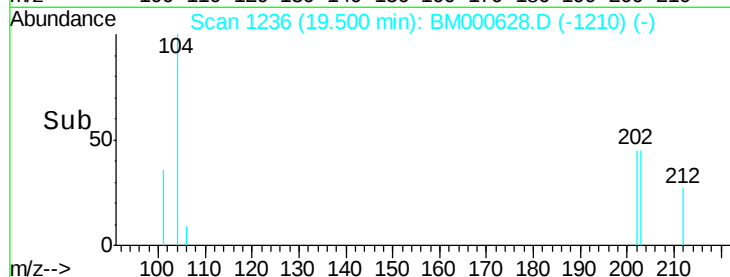
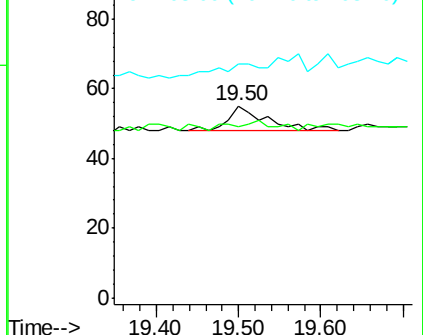
203 121.8 14.2 21.2#



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: 21.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BM000628.D

Acq: 03 Mar 2015 22:09

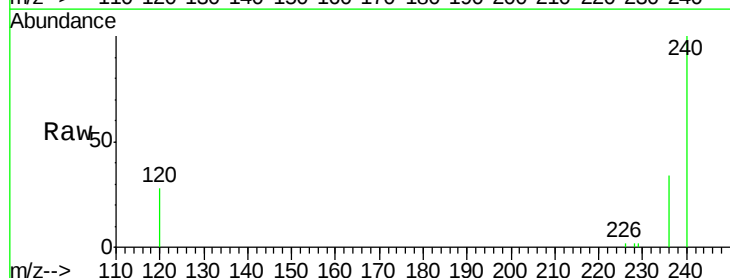
Tgt Ion:228 Resp: 38

Ion Ratio Lower Upper

228 100

226 84.8 20.0 30.0#

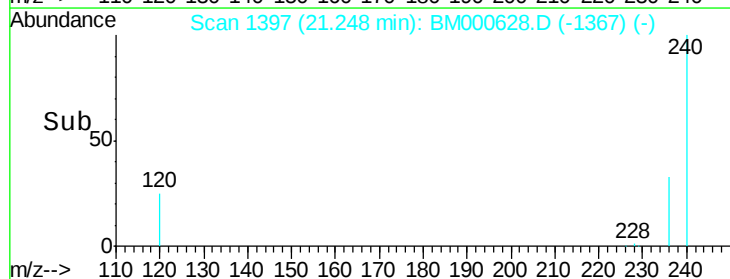
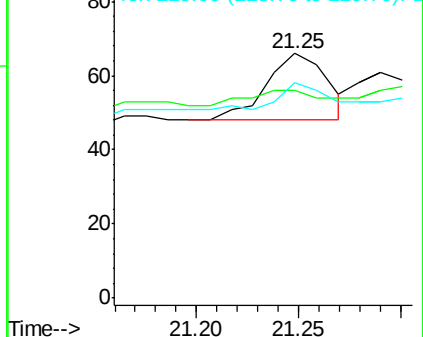
229 87.9 16.7 25.1#

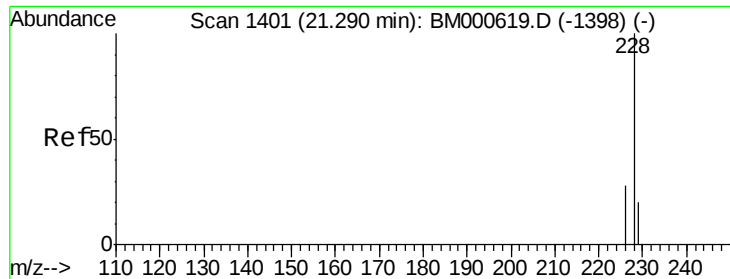


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.25 min Scan# 1397

Delta R.T. -0.04 min

Lab File: BM000628.D

Acq: 03 Mar 2015 22:09

Instrument :

BNA_M

ClientSampled :

MDL-06-W

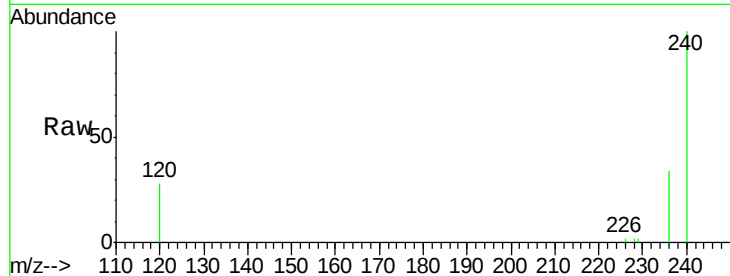
Tgt Ion:228 Resp: 38

Ion Ratio Lower Upper

228 100

226 84.8 22.6 33.8#

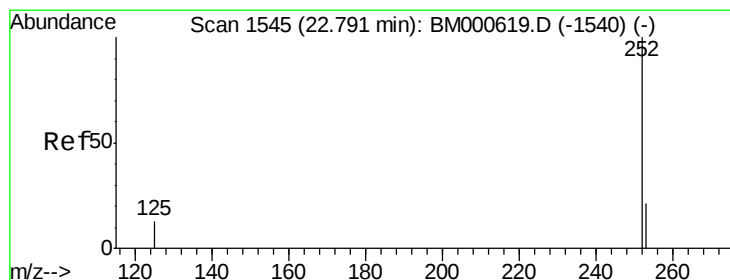
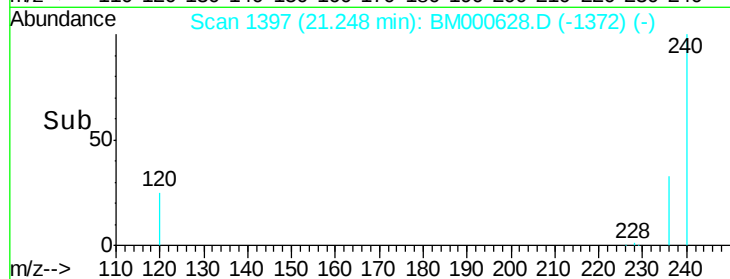
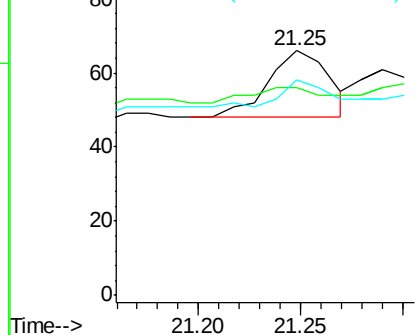
229 87.9 16.4 24.6#



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/ul

RT: 22.61 min Scan# 1528

Delta R.T. -0.18 min

Lab File: BM000628.D

Acq: 03 Mar 2015 22:09

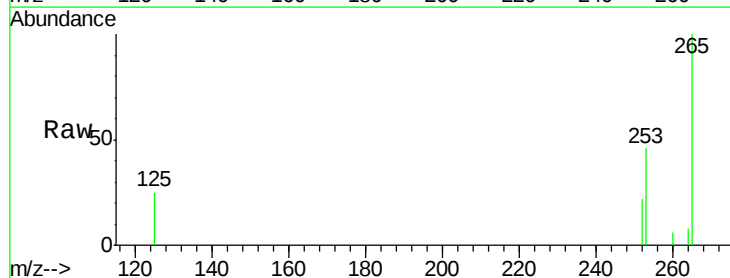
Tgt Ion:252 Resp: 522

Ion Ratio Lower Upper

252 100

253 209.8 0.0 51.2#

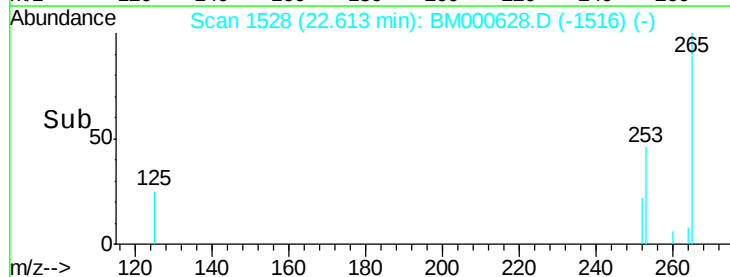
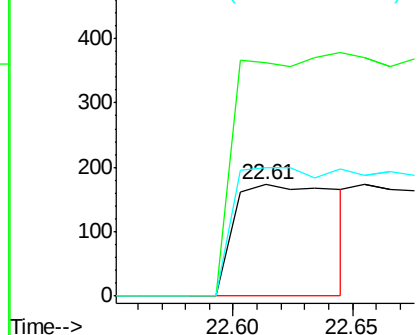
125 115.0 0.0 30.0#

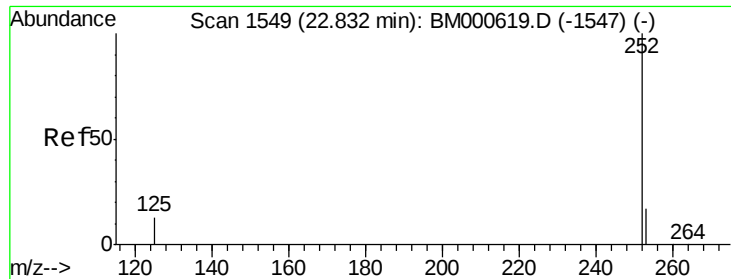


Abundance Ion 252.00 (251.70 to 252.70): E

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: 22.61 min Scan# 1528

Delta R.T. -0.22 min

Lab File: BM000628.D

Acq: 03 Mar 2015 22:09

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

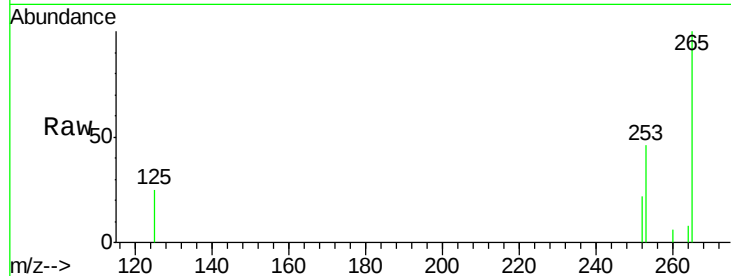
Tgt Ion:252 Resp: 522

Ion Ratio Lower Upper

252 100

253 209.8 20.5 30.7#

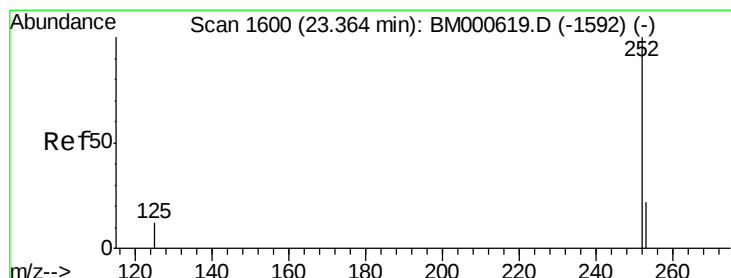
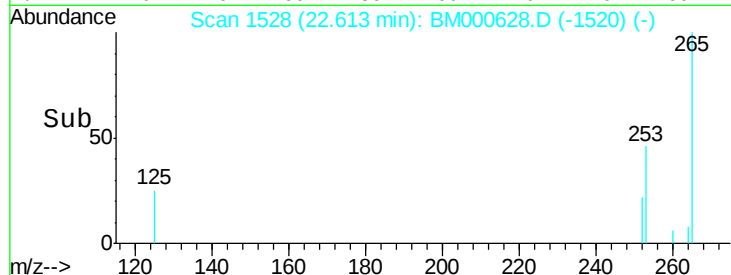
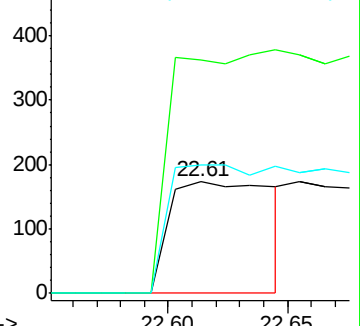
125 115.0 11.8 17.6#



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: 23.37 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BM000628.D

Acq: 03 Mar 2015 22:09

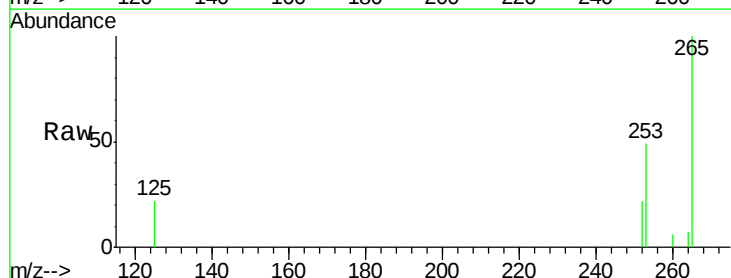
Tgt Ion:252 Resp: 73

Ion Ratio Lower Upper

252 100

253 221.1 23.4 35.0#

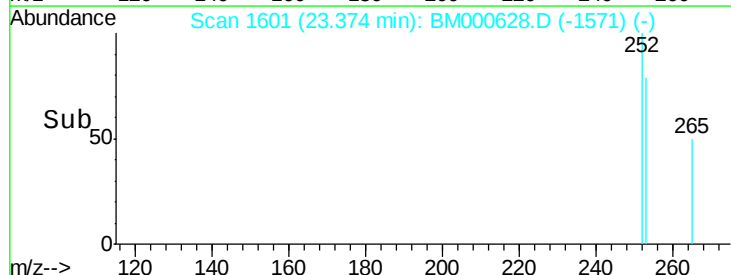
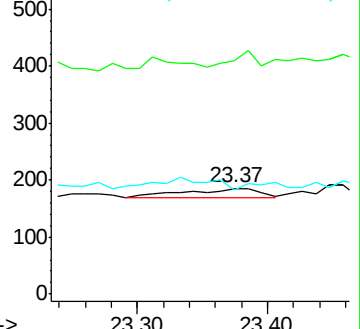
125 98.9 12.2 18.4#

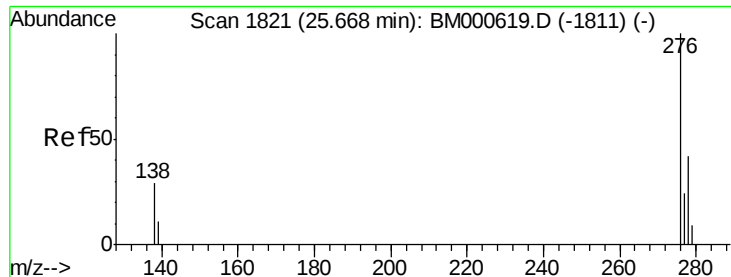


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



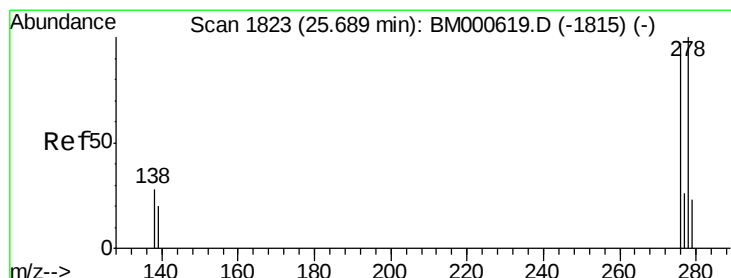
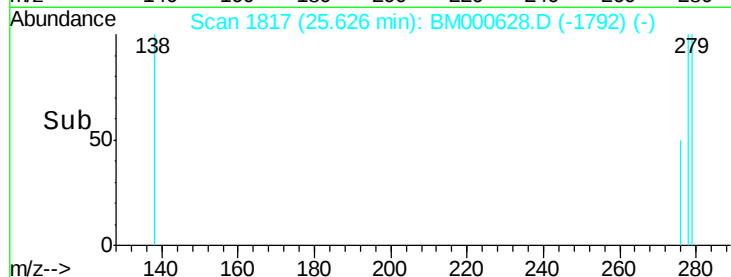
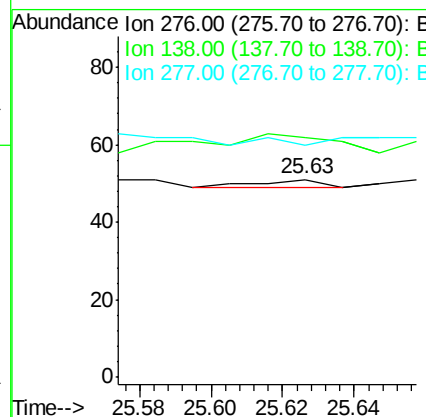
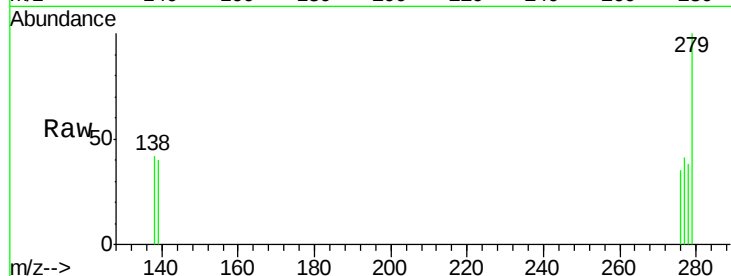


#26

Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.63 min Scan# 1817
Delta R.T. -0.04 min
Lab File: BM000628.D
Acq: 03 Mar 2015 22:09

Instrument :
BNA_M
ClientSampleId :
MDL-06-W

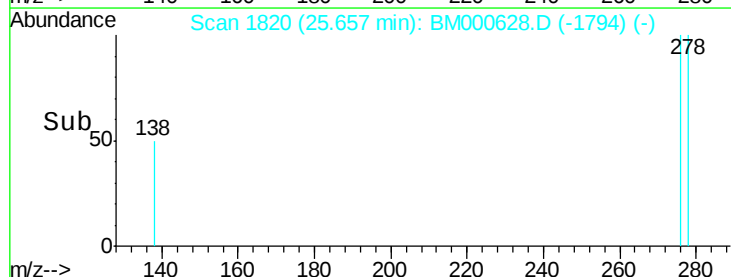
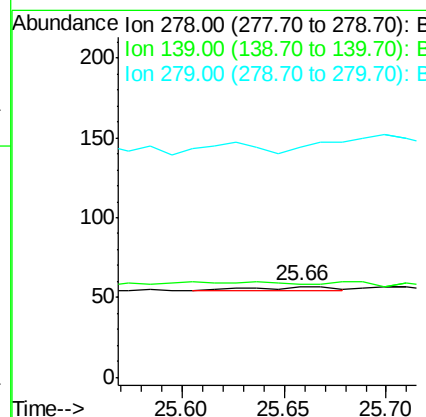
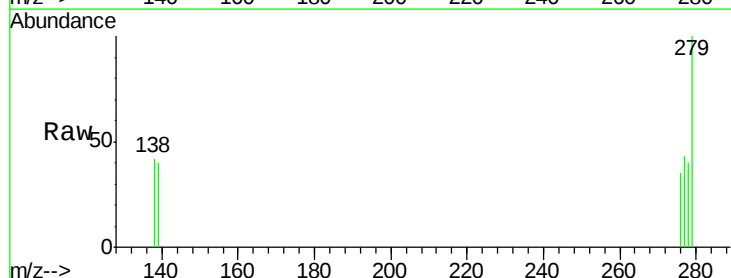
Tgt Ion: 276 Resp: 3
Ion Ratio Lower Upper
276 100
138 433.3 23.8 35.8#
277 0.0 19.7 29.5#

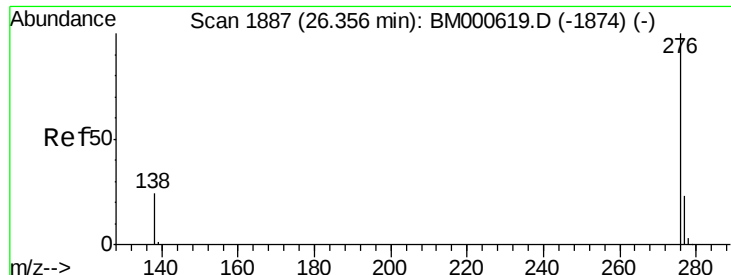


#27

Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.66 min Scan# 1820
Delta R.T. -0.03 min
Lab File: BM000628.D
Acq: 03 Mar 2015 22:09

Tgt Ion: 278 Resp: 8
Ion Ratio Lower Upper
278 100
139 101.8 17.0 25.6#
279 252.6 22.3 33.5#





#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.34 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BM000628.D

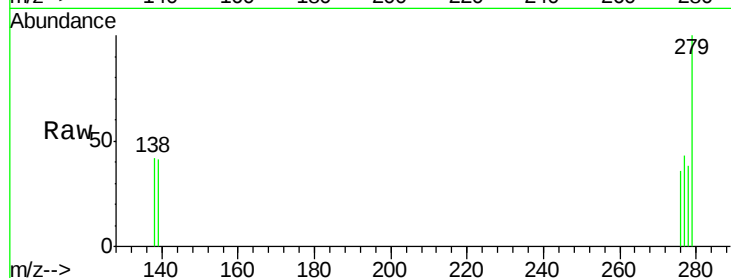
Acq: 03 Mar 2015 22:09

Instrument :

BNA_M

ClientSampleId :

MDL-06-W



Tgt Ion:	276	Resp:	4
Ion	Ratio	Lower	Upper
276	100		
277	121.2	19.9	29.9#
138	119.2	20.6	30.8#

