

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030315\
 Data File : BM000638.D
 Acq On : 04 Mar 2015 05:15
 Operator : TP/IZ
 Sample : MDL-07-S
 Misc : MDL-SOIL-0.4PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S

Quant Time: Mar 04 06:18:54 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	4732	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	16896	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.31	164	7724	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.05	188	18707	0.40	ng/ul	0.00
18) Chrysene-d12	21.25	240	10820	0.40	ng/ul	-0.01
22) Perylene-d12	23.46	264	8235	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	6355	1.84	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.04	152	3	0.00	ng/ul	0.00
16) Fluoranthene-d10	19.10	212	9	0.00	ng/ul	0.01

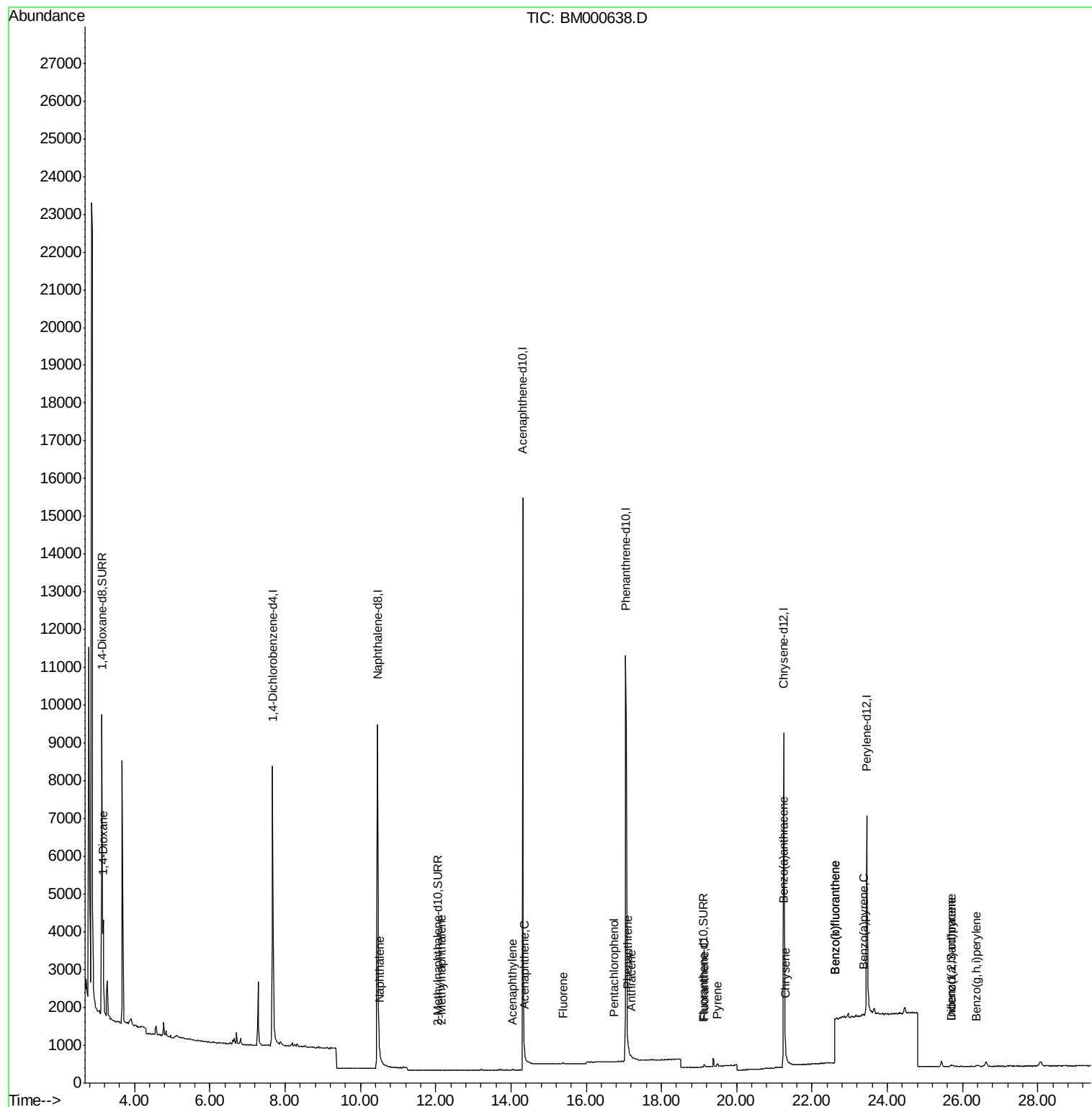
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	3.17	88	3917	0.73	ng/ul#	54
5) Naphthalene	10.50	128	33	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.15	142	12	0.00	ng/ul#	5
9) Acenaphthylene	14.04	152	17	0.00	ng/ul#	1
10) Acenaphthene	14.36	153	30	0.00	ng/ul#	73
11) Fluorene	15.38	166	44	0.00	ng/ul#	41
13) Pentachlorophenol	16.72	266	13	0.01	ng/ul#	14
14) Phenanthrene	17.10	178	110	0.00	ng/ul#	1
15) Anthracene	17.19	178	45	0.00	ng/ul#	1
17) Fluoranthene	19.12	202	69	0.00	ng/ul#	1
19) Pyrene	19.49	202	92	0.00	ng/ul#	1
20) Benzo(a)anthracene	21.24	228	90	0.00	ng/ul#	5
21) Chrysene	21.29	228	58	0.00	ng/ul#	11
23) Benzo(b)fluoranthene	22.61	252	315	0.01	ng/ul#	1
24) Benzo(k)fluoranthene	22.61	252	315	0.01	ng/ul#	1
25) Benzo(a)pyrene	23.37	252	76	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.71	276	63	0.00	ng/ul#	69
27) Dibenzo(a,h)anthracene	25.71	278	55	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.37	276	60	0.00	ng/ul#	1

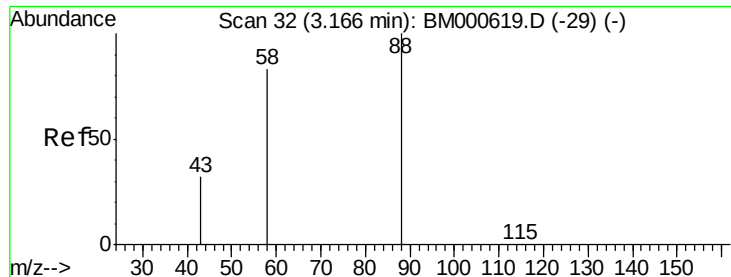
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030315\
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ALS Vial : 23 Sample Multiplier: 1

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Quant Time: Mar 04 06:18:54 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: 0.73 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM000638.D

Acq: 04 Mar 2015 05:15

Instrument :

BNA_M

ClientSampleId :

MDL-07-S

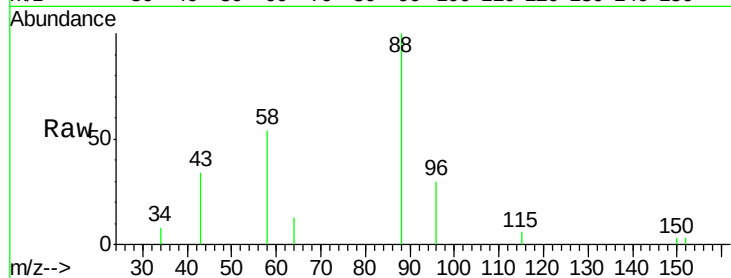
Tgt Ion: 88 Resp: 3917

Ion Ratio Lower Upper

88 100

58 34.7 55.4 83.2#

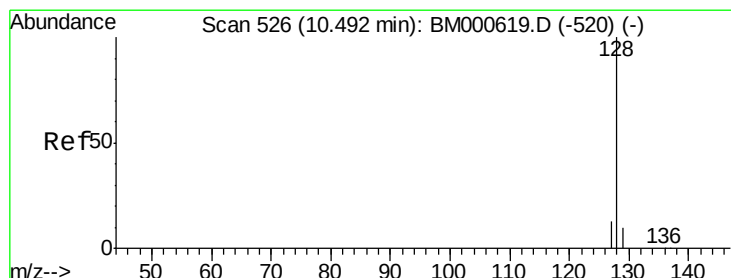
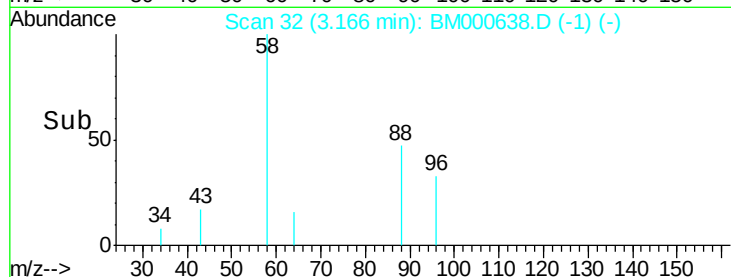
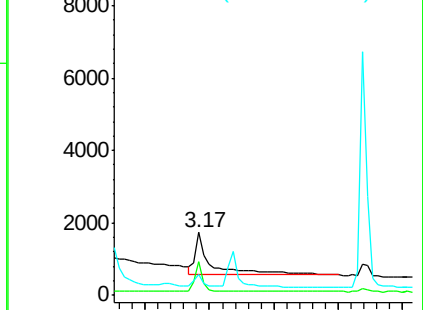
43 0.0 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BM000638.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM000638.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM000638.D (-1) (-)



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.01 min

Lab File: BM000638.D

Acq: 04 Mar 2015 05:15

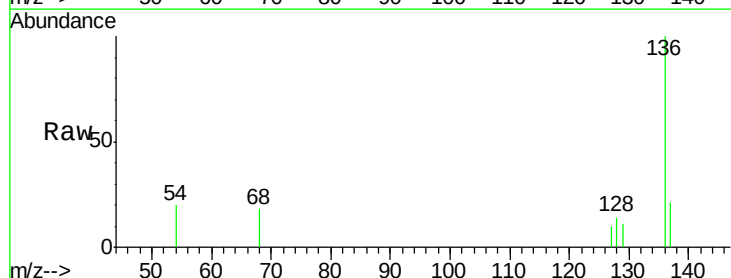
Tgt Ion: 128 Resp: 33

Ion Ratio Lower Upper

128 100

129 80.3 8.5 12.7#

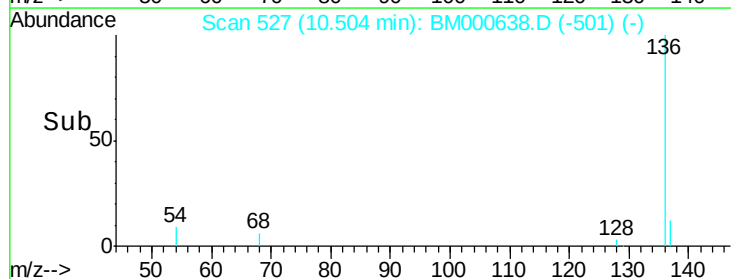
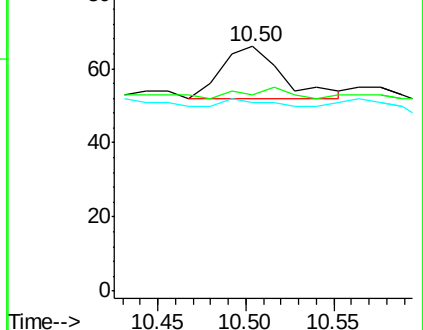
127 77.3 11.0 16.6#

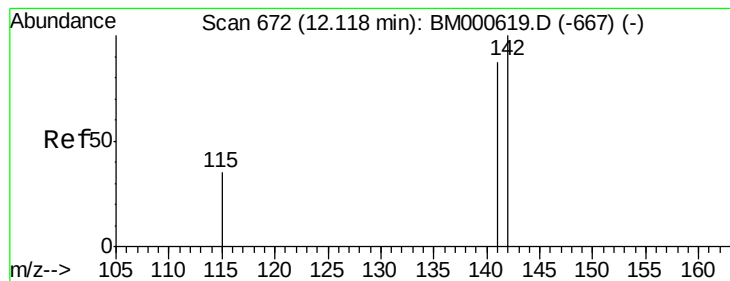


Abundance Ion 128.00 (127.70 to 128.70): BM000638.D (-501) (-)

Ion 129.00 (128.70 to 129.70): BM000638.D (-501) (-)

Ion 127.00 (126.70 to 127.70): BM000638.D (-501) (-)





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.15 min Scan# 675

Delta R.T. 0.03 min

Lab File: BM000638.D

Acq: 04 Mar 2015 05:15

Instrument :

BNA_M

ClientSampleId :

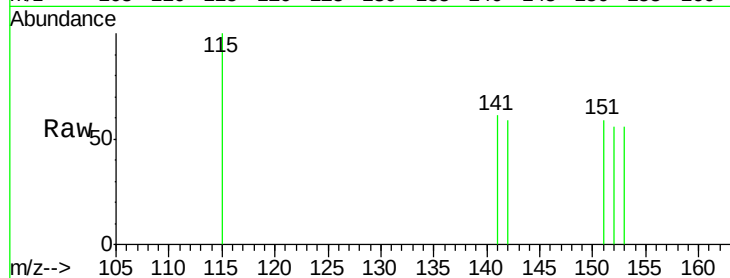
MDL-07-S

Tgt Ion:142 Resp: 12

Ion Ratio Lower Upper

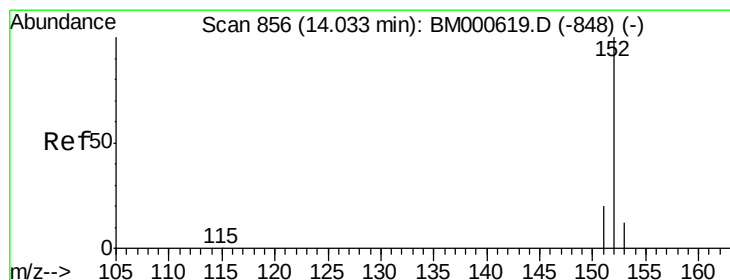
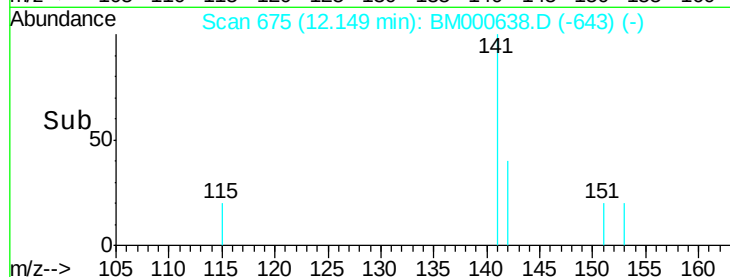
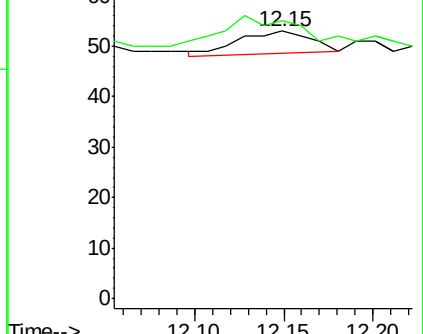
142 100

141 0.0 70.6 106.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.04 min Scan# 857

Delta R.T. 0.01 min

Lab File: BM000638.D

Acq: 04 Mar 2015 05:15

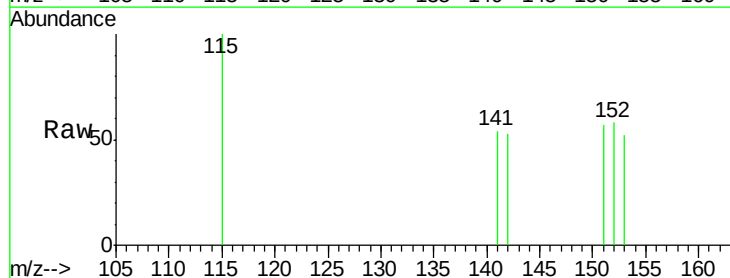
Tgt Ion:152 Resp: 17

Ion Ratio Lower Upper

152 100

151 98.2 16.0 24.0#

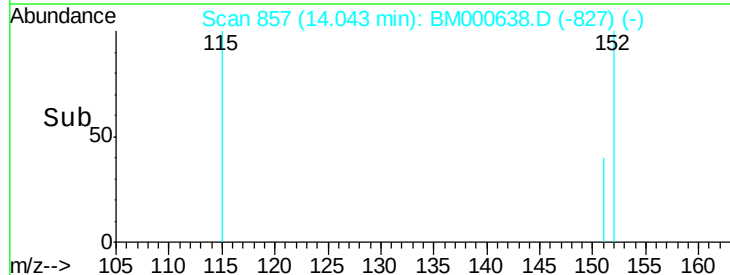
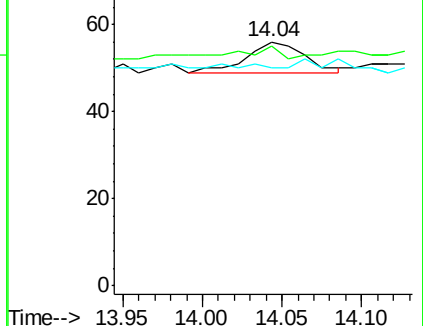
153 89.3 10.2 15.4#

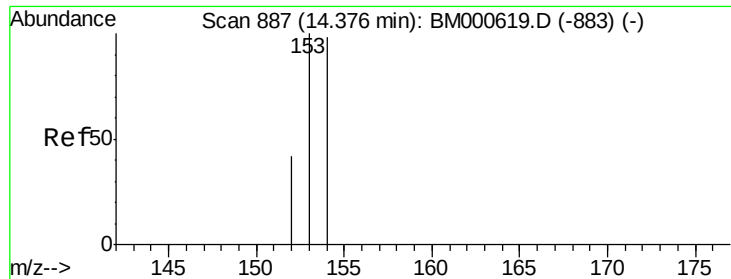


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.36 min Scan# 886

Delta R.T. -0.02 min

Lab File: BM000638.D

Acq: 04 Mar 2015 05:15

Instrument :

BNA_M

ClientSampleId :

MDL-07-S

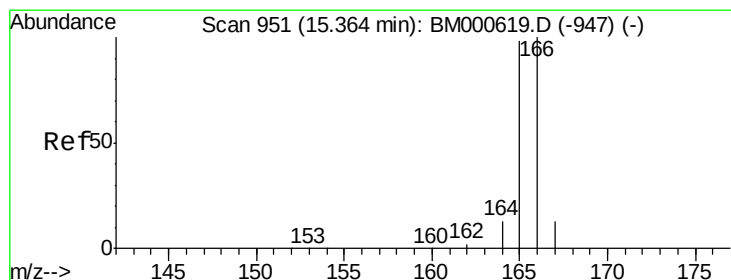
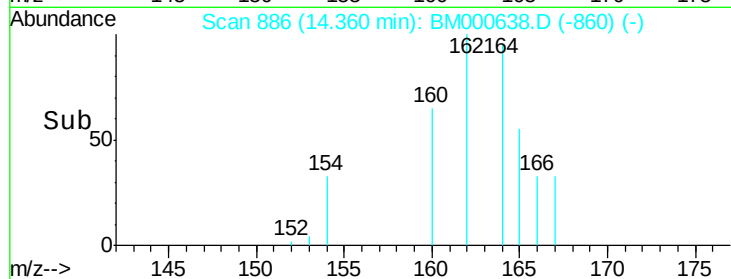
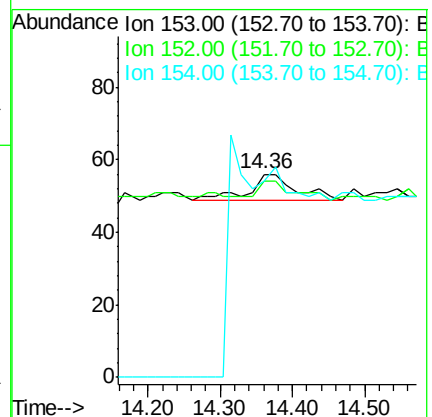
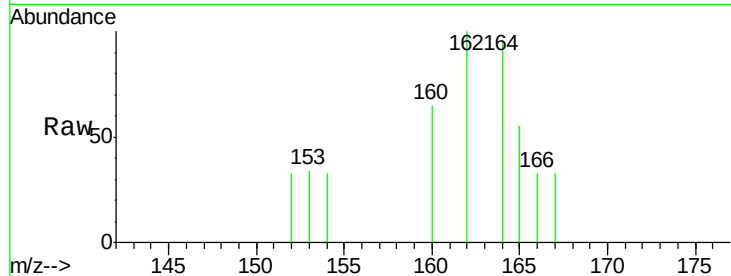
Tgt Ion:153 Resp: 30

Ion Ratio Lower Upper

153 100

152 96.4 34.2 51.2#

154 96.4 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: BM000638.D

Acq: 04 Mar 2015 05:15

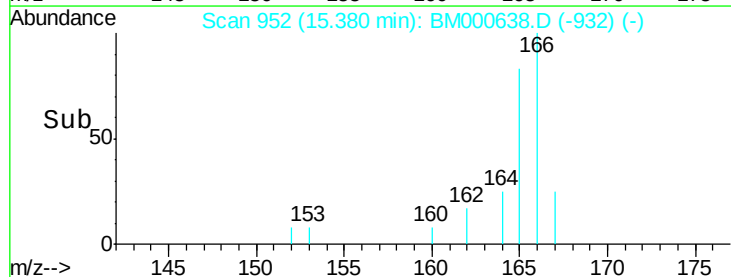
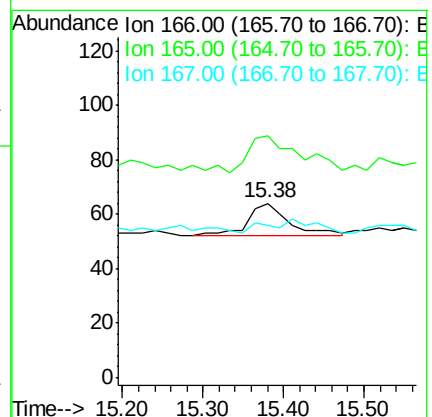
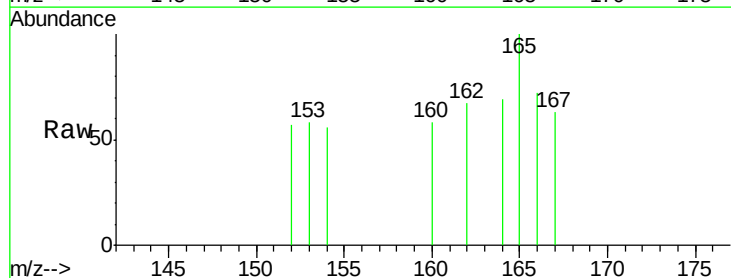
Tgt Ion:166 Resp: 44

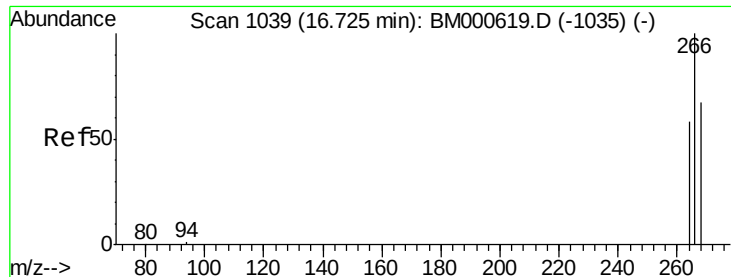
Ion Ratio Lower Upper

166 100

165 139.1 78.5 117.7#

167 87.5 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: BM000638.D

Acq: 04 Mar 2015 05:15

Instrument :

BNA_M

ClientSampleId :

MDL-07-S

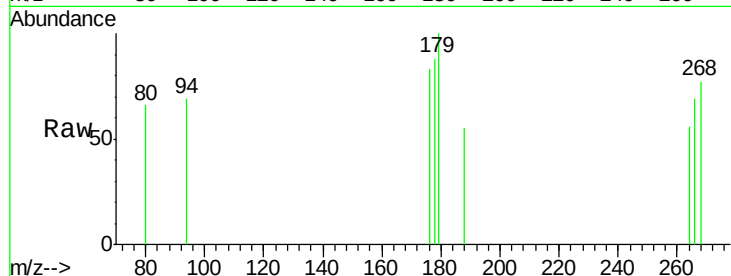
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 15.4 51.0 76.4#

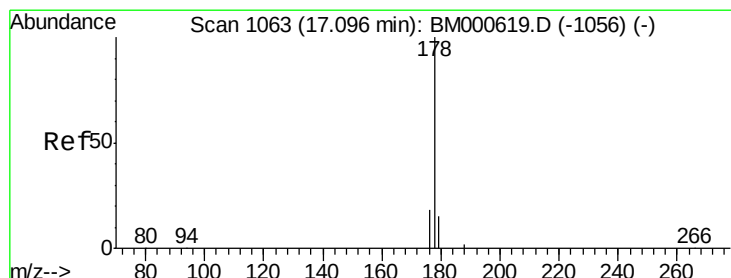
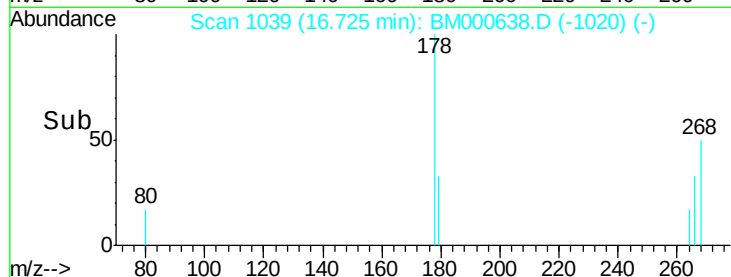
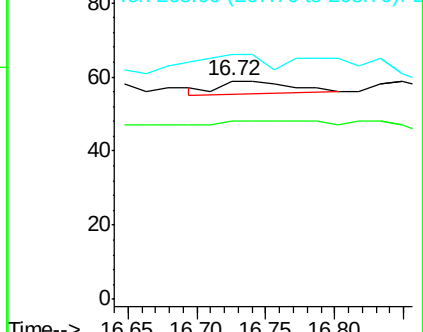
268 146.2 49.4 74.2#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.10 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BM000638.D

Acq: 04 Mar 2015 05:15

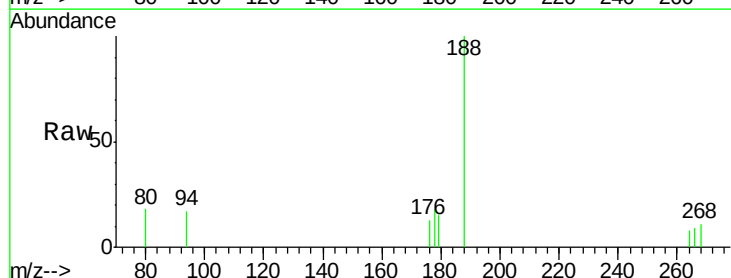
Tgt Ion:178 Resp: 110

Ion Ratio Lower Upper

178 100

176 69.6 14.8 22.2#

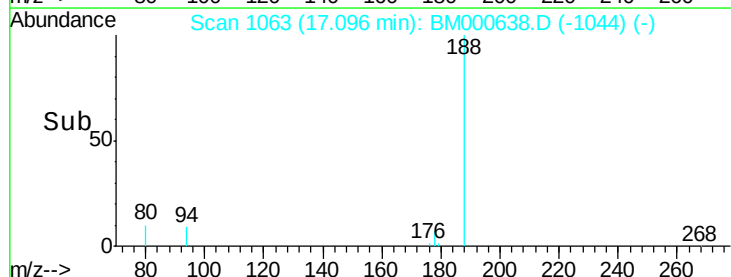
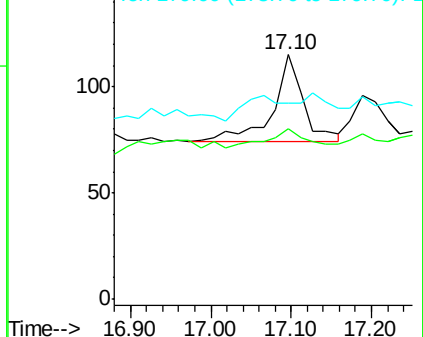
179 80.0 12.7 19.1#

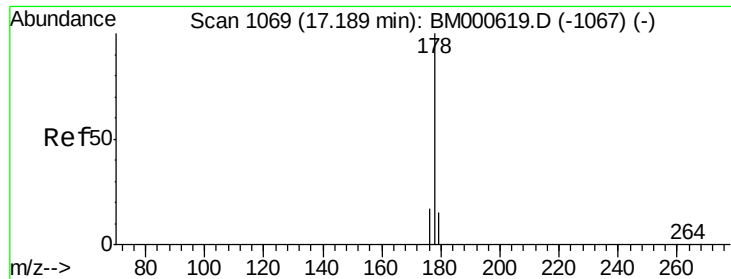


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.19 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BM000638.D

Acq: 04 Mar 2015 05:15

Instrument :

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ClientSampleId :

MDL-07-S

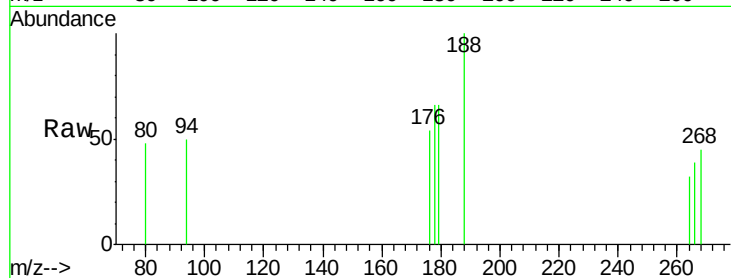
Tgt Ion:178 Resp: 45

Ion Ratio Lower Upper

178 100

176 81.3 14.2 21.4#

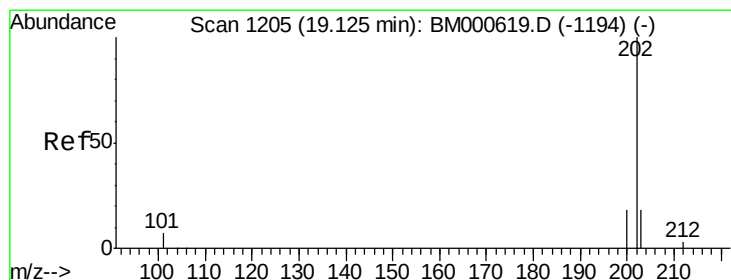
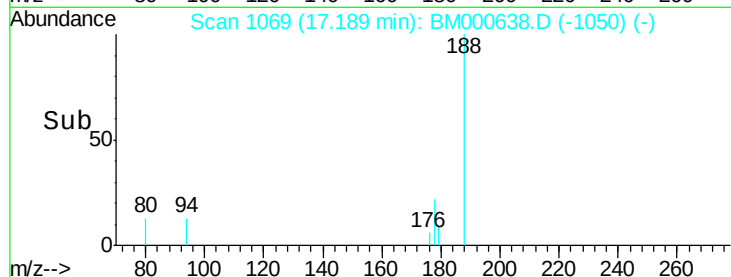
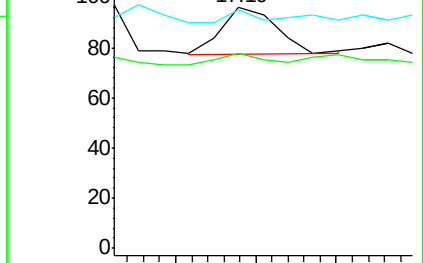
179 99.0 12.8 19.2#



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: 19.12 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BM000638.D

Acq: 04 Mar 2015 05:15

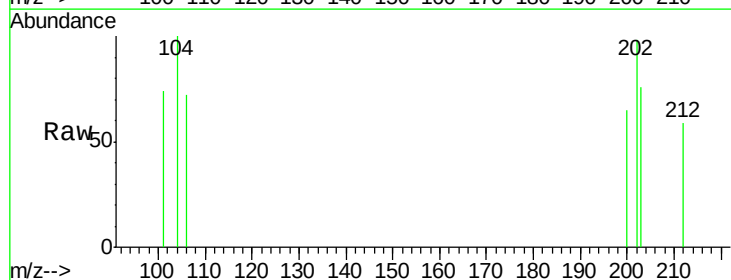
Tgt Ion:202 Resp: 69

Ion Ratio Lower Upper

202 100

101 75.6 0.0 27.0#

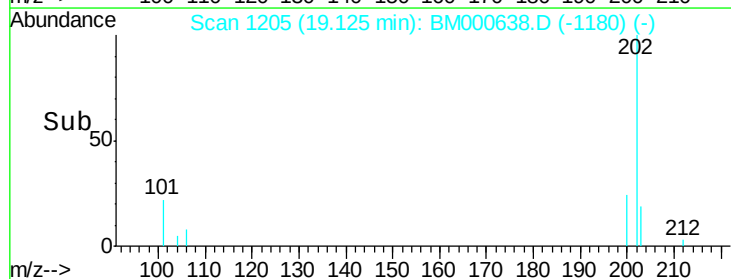
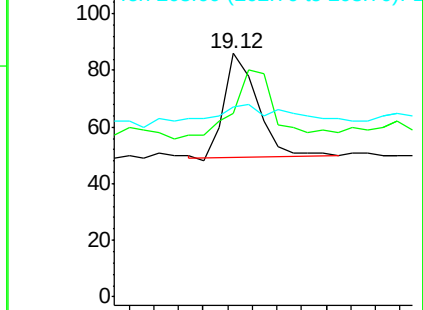
203 77.9 0.0 38.5#

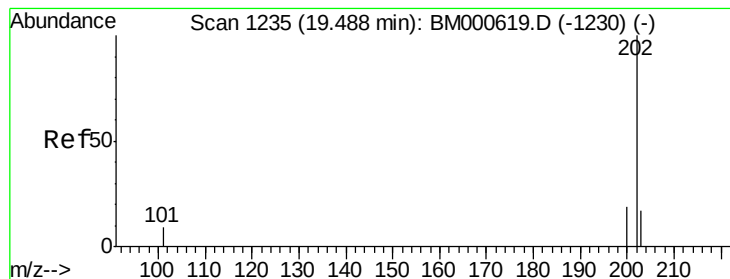


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BM000638.D

Acq: 04 Mar 2015 05:15

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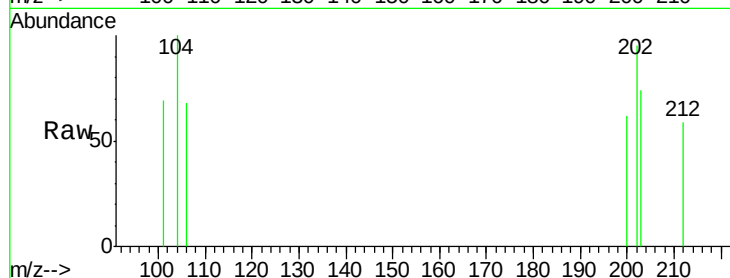
Tgt Ion:202 Resp: 92

Ion Ratio Lower Upper

202 100

200 65.2 15.5 23.3#

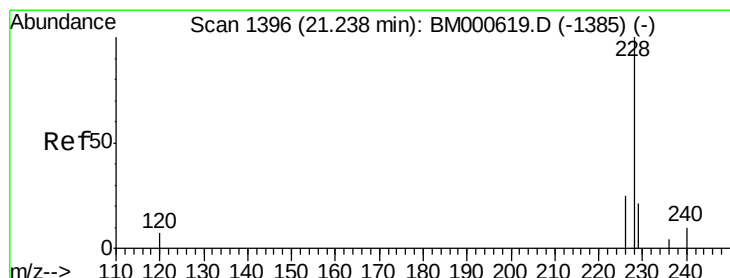
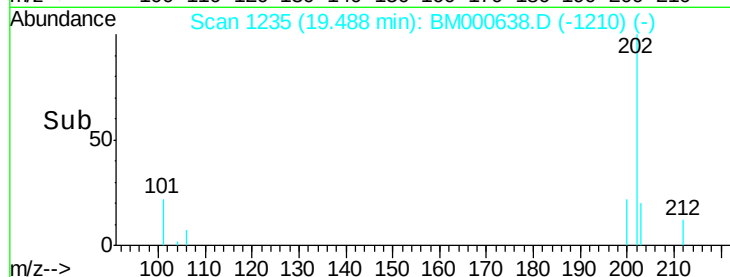
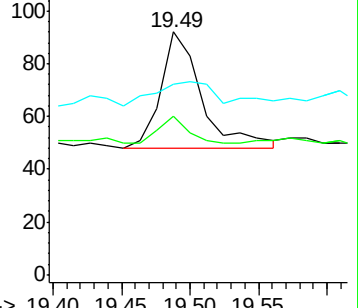
203 78.3 14.2 21.2#



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. 0.00 min

Lab File: BM000638.D

Acq: 04 Mar 2015 05:15

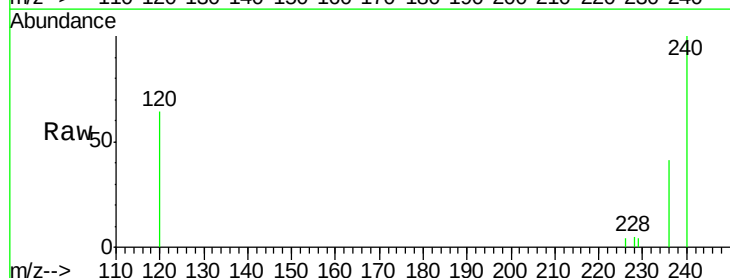
Tgt Ion:228 Resp: 90

Ion Ratio Lower Upper

228 100

226 70.8 20.0 30.0#

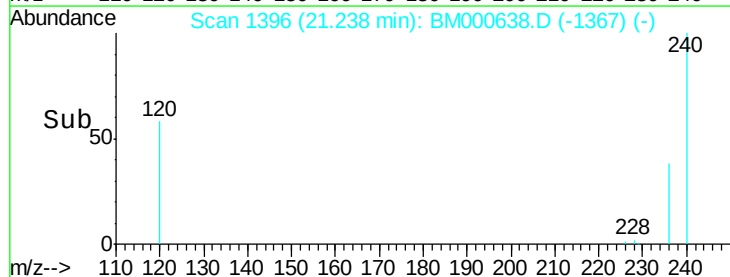
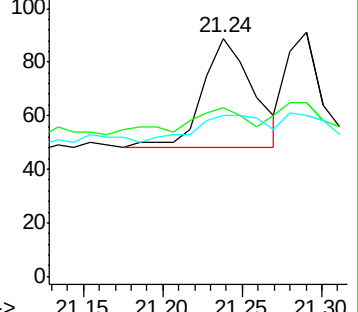
229 67.4 16.7 25.1#

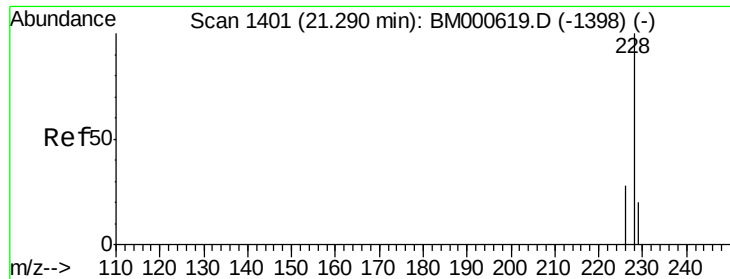


Abundance Ion 228.00 (227.70 to 228.70): E

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: 21.29 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BM000638.D

Acq: 04 Mar 2015 05:15

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ClientSampleId :

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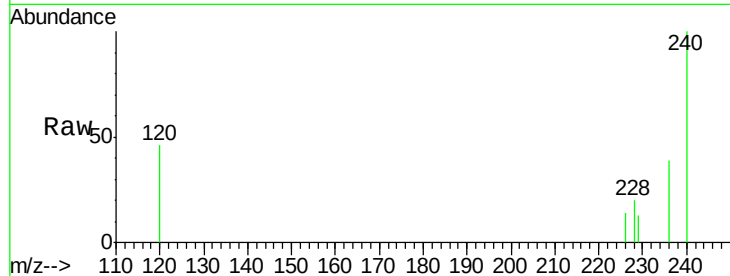
Tgt Ion:228 Resp: 58

Ion Ratio Lower Upper

228 100

226 71.4 22.6 33.8#

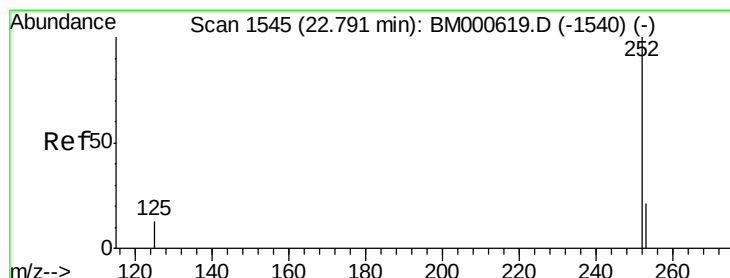
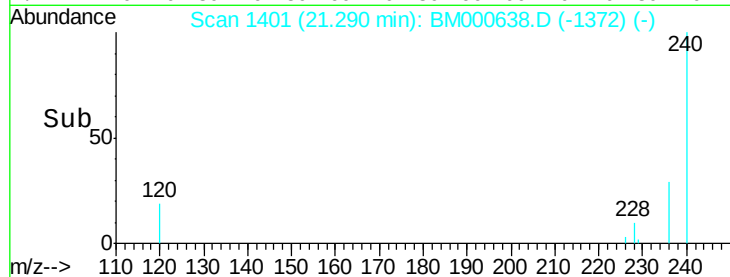
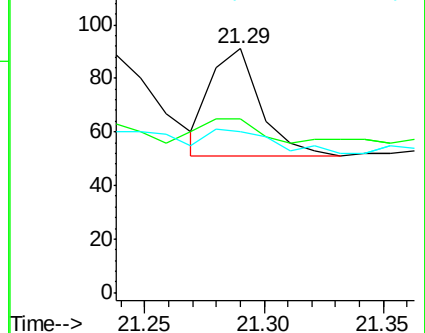
229 65.9 16.4 24.6#



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: 0.01 ng/ul

RT: 22.61 min Scan# 1528

Delta R.T. -0.18 min

Lab File: BM000638.D

Acq: 04 Mar 2015 05:15

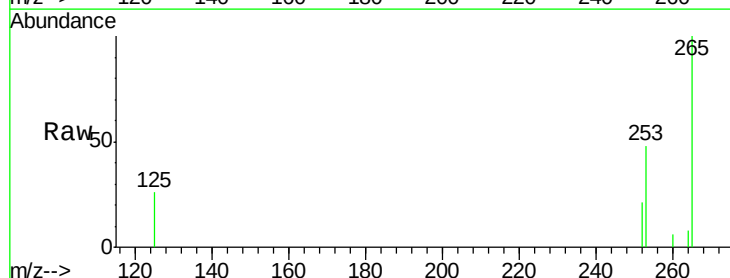
Tgt Ion:252 Resp: 315

Ion Ratio Lower Upper

252 100

253 228.1 0.0 51.2#

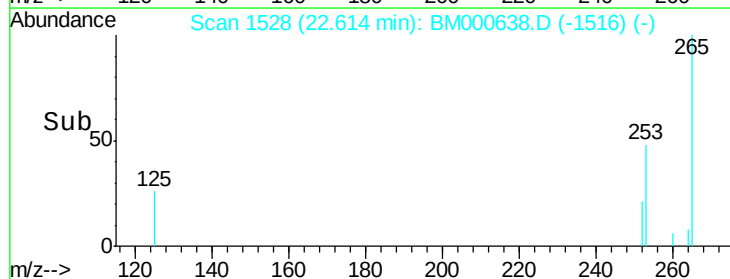
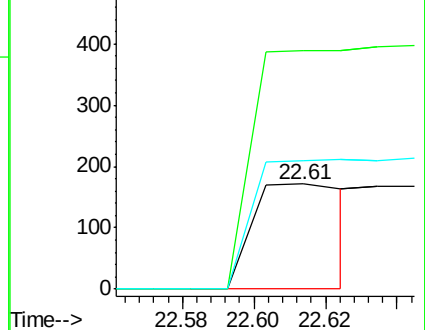
125 122.8 0.0 30.0#

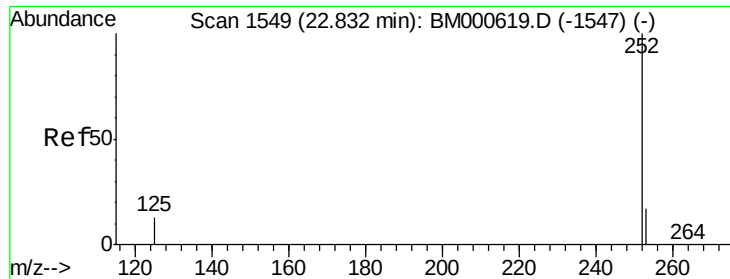


Abundance Ion 252.00 (251.70 to 252.70): E

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/ul

RT: 22.61 min Scan# 1528

Delta R.T. -0.22 min

Lab File: BM000638.D

Acq: 04 Mar 2015 05:15

Instrument :

BNA_M

ClientSampleId :

MDL-07-S

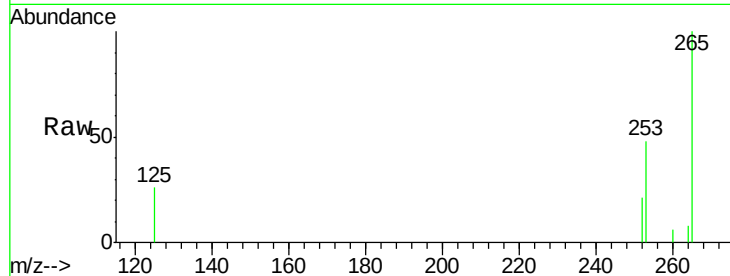
Tgt Ion:252 Resp: 315

Ion Ratio Lower Upper

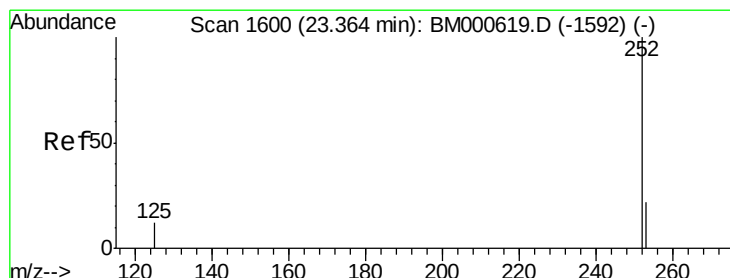
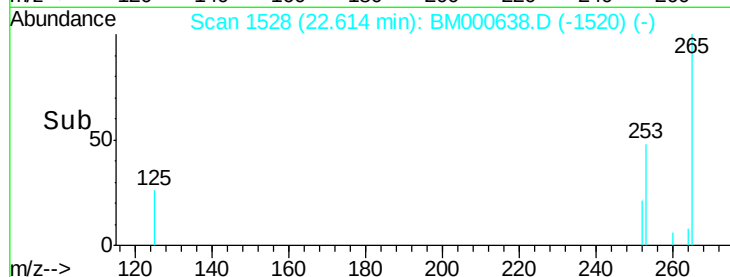
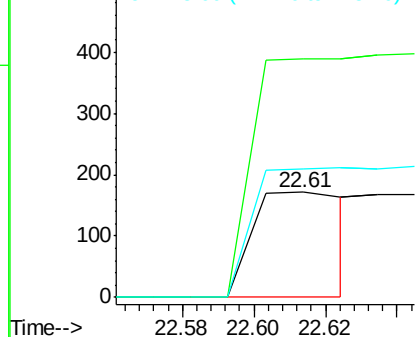
252 100

253 228.1 20.5 30.7#

125 122.8 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/ul

RT: 23.37 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BM000638.D

Acq: 04 Mar 2015 05:15

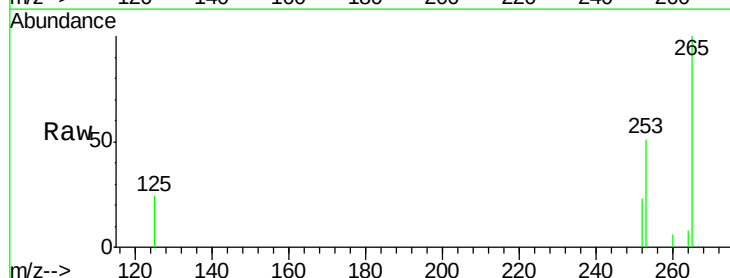
Tgt Ion:252 Resp: 76

Ion Ratio Lower Upper

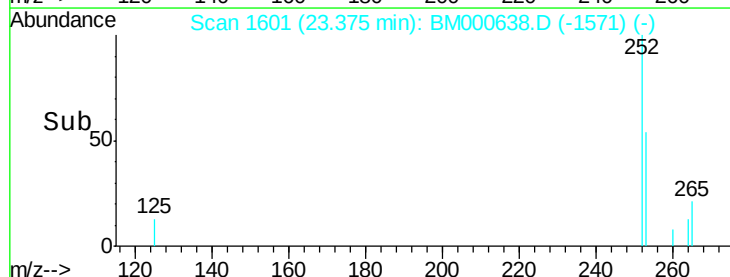
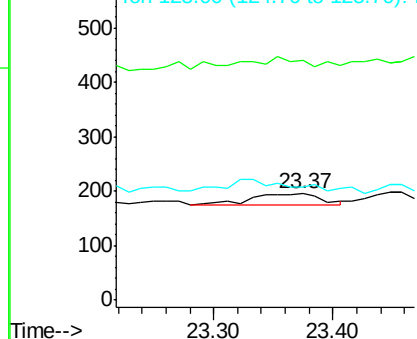
252 100

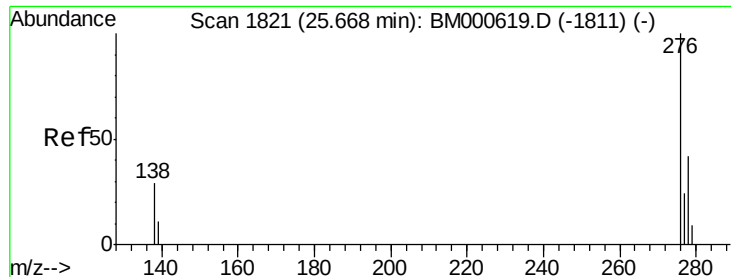
253 224.5 23.4 35.0#

125 105.6 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: 25.71 min Scan# 1825

Delta R.T. 0.04 min

Lab File: BM000638.D

Acq: 04 Mar 2015 05:15

Instrument :

BNA_M

ClientSampleId :

MDL-07-S

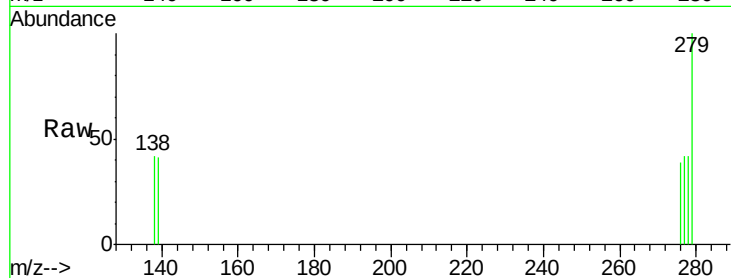
Tgt Ion:276 Resp: 63

Ion Ratio Lower Upper

276 100

138 0.0 23.8 35.8#

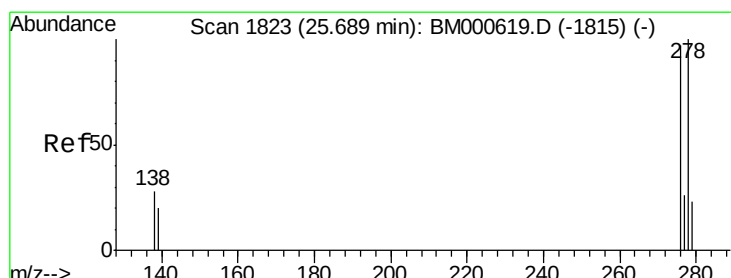
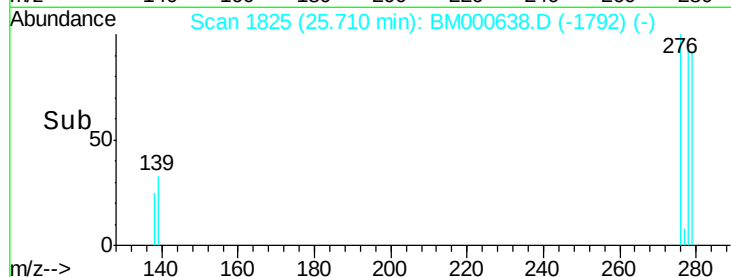
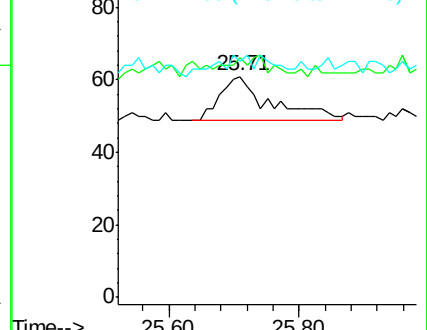
277 25.4 19.7 29.5



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



#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.71 min Scan# 1825

Delta R.T. 0.02 min

Lab File: BM000638.D

Acq: 04 Mar 2015 05:15

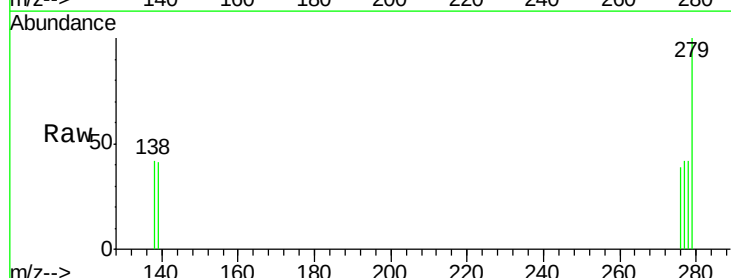
Tgt Ion:278 Resp: 55

Ion Ratio Lower Upper

278 100

139 97.0 17.0 25.6#

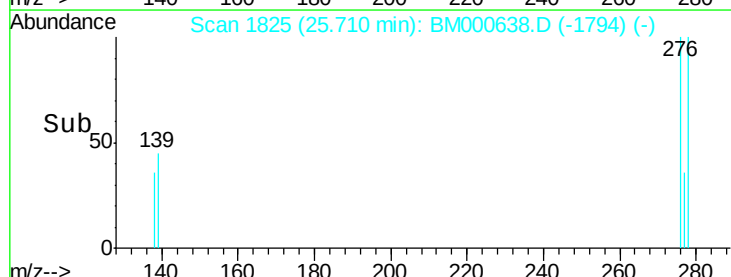
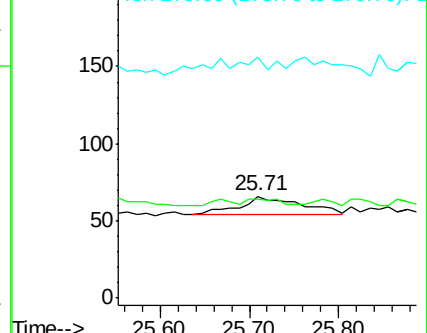
279 236.4 22.3 33.5#

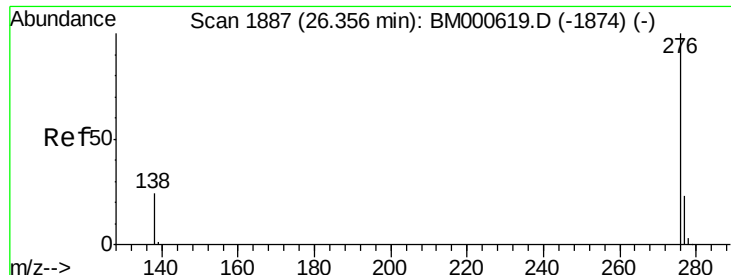


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.37 min Scan# 1888

Delta R.T. 0.01 min

Lab File: BM000638.D

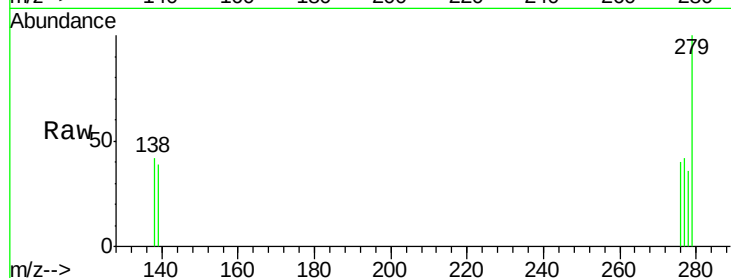
Acq: 04 Mar 2015 05:15

Instrument :

BNA_M

ClientSampleId :

MDL-07-S



Tgt Ion: 276 Resp: 60

Ion Ratio Lower Upper

276 100

277 103.2 19.9 29.9#

138 104.8 20.6 30.8#

