

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090315\
 Data File : BM002655.D
 Acq On : 03 Sep 2015 19:28
 Operator : UM/IZ
 Sample : MDL-05-W
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-W

Manual Integrations
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 9/4/2015 2:48:55 PM

Quant Time: Sep 04 04:26:07 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM90315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 14:33:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	7870	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	30183	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	12299	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	22527	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	20953	0.40	ng/ul	0.00
22) Perylene-d12	24.78	264	20503	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	13.17	152	16474	0.41	ng/ul	0.00
16) Fluoranthene-d10	20.05	212	24171	0.47	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	11.69	128	3715	0.05	ng/ul#	92
7) 2-Methylnaphthalene	13.25	142	2898	0.06	ng/ul	93
9) Acenaphthylene	15.09	152	3319	0.05	ng/ul	97
10) Acenaphthene	15.42	153	2204	0.05	ng/ul	99
11) Fluorene	16.39	166	2322	0.05	ng/ul#	94
14) Phenanthrene	18.11	178	3473	0.05	ng/ul#	93
15) Anthracene	18.20	178	3296m	0.05	ng/ul	
17) Fluoranthene	20.07	202	3939	0.06	ng/ul	91
19) Pyrene	20.42	202	4016	0.05	ng/ul#	89
20) Benzo(a)anthracene	22.14	228	3739	0.05	ng/ul#	87
21) Chrysene	22.20	228	3702	0.06	ng/ul#	89
23) Benzo(b)fluoranthene	23.97	252	4021	0.06	ng/ul#	48
24) Benzo(k)fluoranthene	24.02	252	3799	0.06	ng/ul#	43
25) Benzo(a)pyrene	24.67	252	3594	0.05	ng/ul#	36
26) Indeno(1,2,3-cd)pyrene	27.55	276	4256	0.05	ng/ul	98
27) Dibenzo(a,h)anthracene	27.56	278	3381	0.05	ng/ul#	64
28) Benzo(g,h,i)perylene	28.41	276	3628	0.05	ng/ul#	70

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

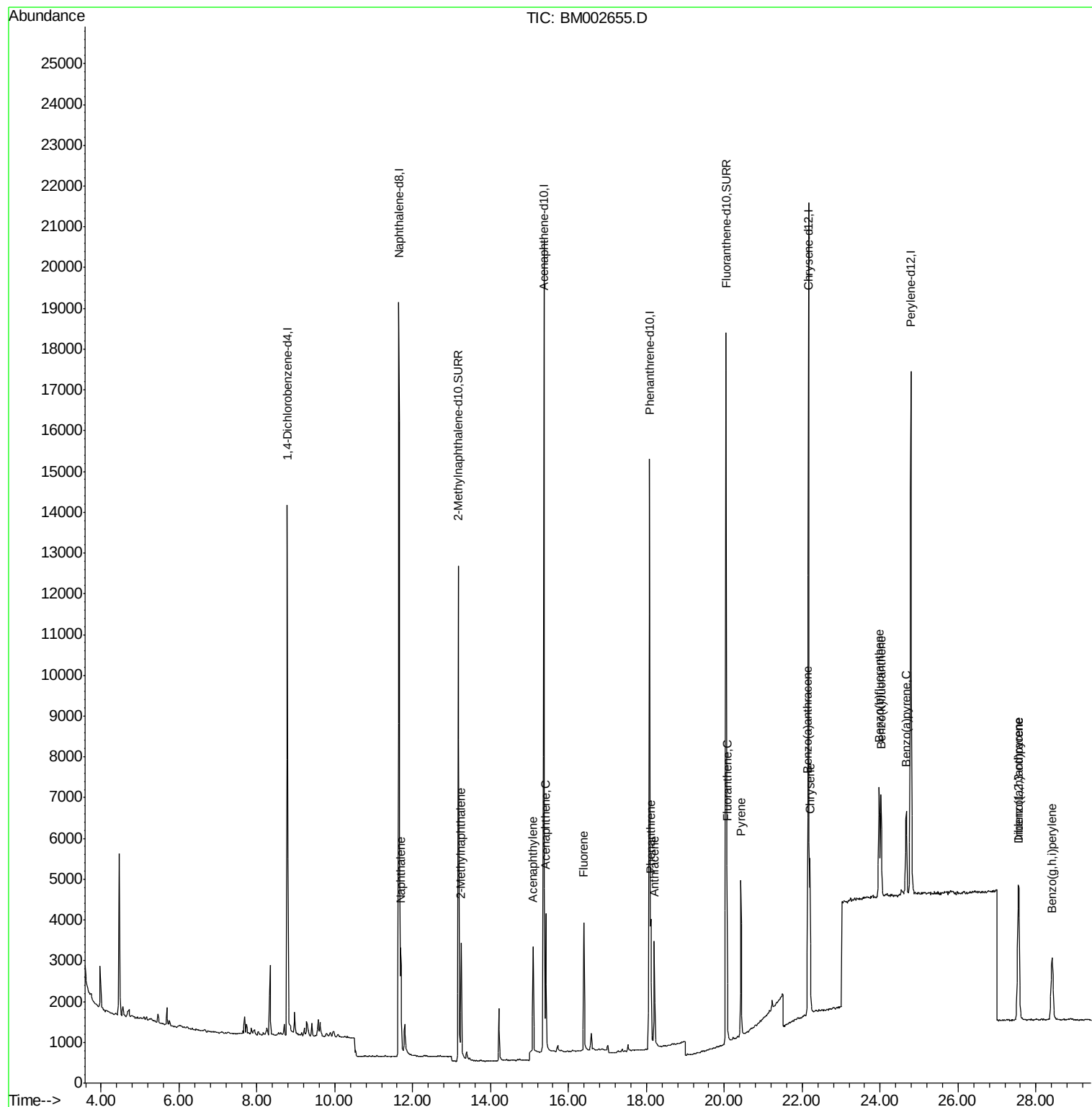
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090315\
Data File : BM002655.D
Acq On : 03 Sep 2015 19:28
Operator : UM/IZ
Sample : MDL-05-W
Misc :
ALS Vial : 8 Sample Multiplier: 1

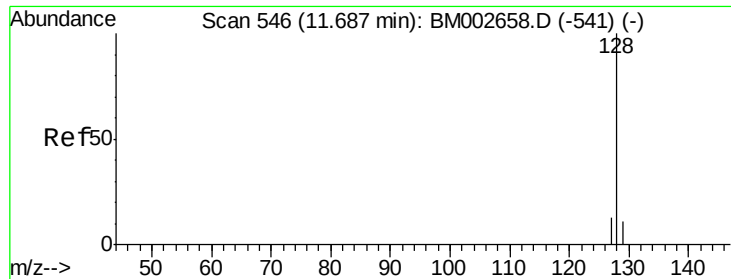
Instrument :
BNA_M
ClientSampled :
MDL-05-W

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Quant Time: Sep 04 04:26:07 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM90315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 03 14:33:37 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.05 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM002655.D

Acq: 03 Sep 2015 19:28

Instrument :

BNA_M

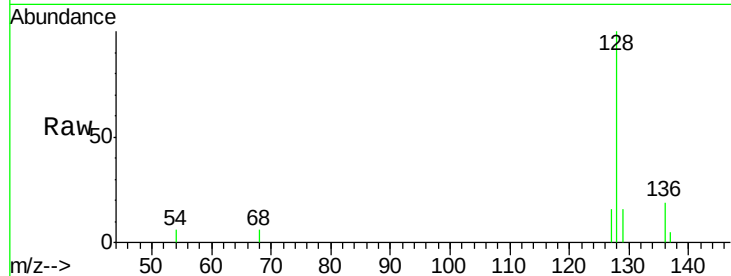
ClientSampleId :

MDL-05-W

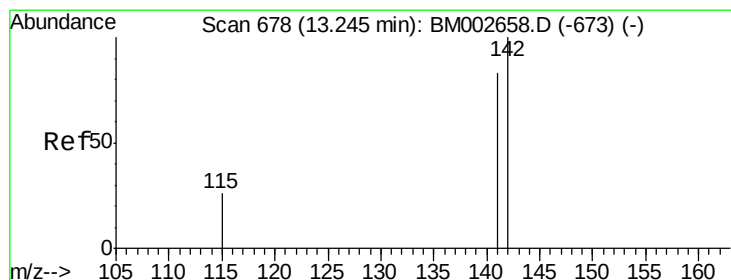
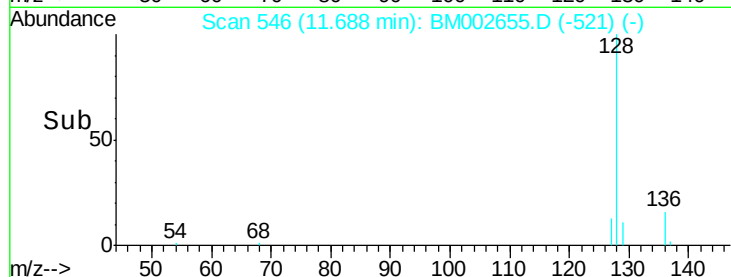
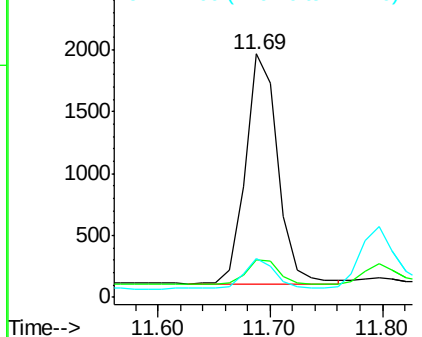
Tgt Ion:	128	Resp:	3715
Ion Ratio	Lower	Upper	
128	100		
129	15.7	9.8	14.8#
127	16.2	10.7	16.1#

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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



#7

2-Methylnaphthalene

Concen: 0.06 ng/ul

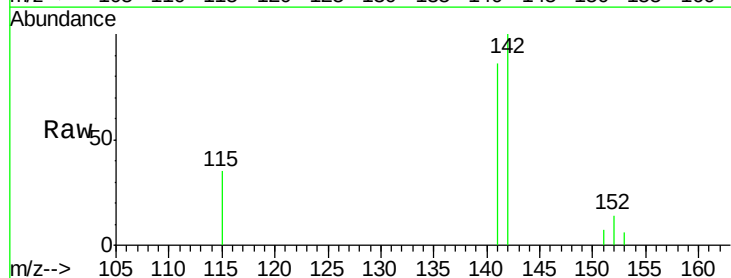
RT: 13.25 min Scan# 678

Delta R.T. 0.00 min

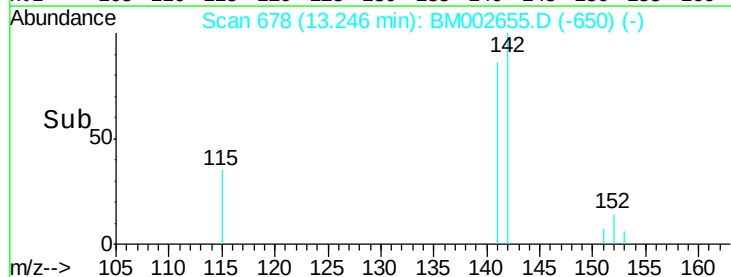
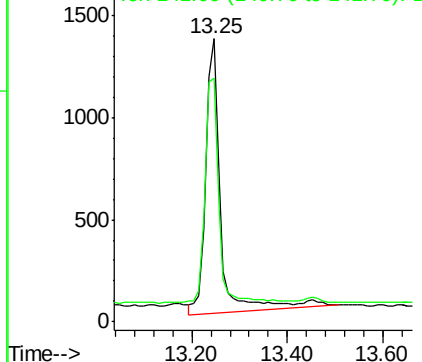
Lab File: BM002655.D

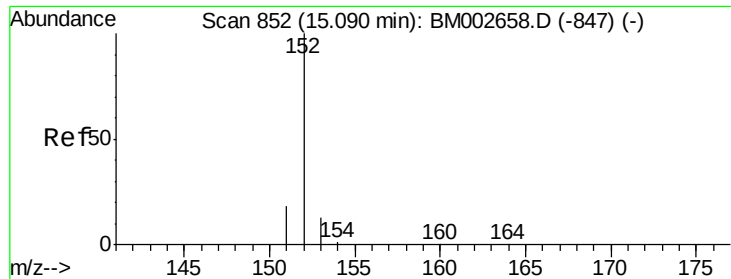
Acq: 03 Sep 2015 19:28

Tgt Ion:	142	Resp:	2898
Ion Ratio	Lower	Upper	
142	100		
141	94.0	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





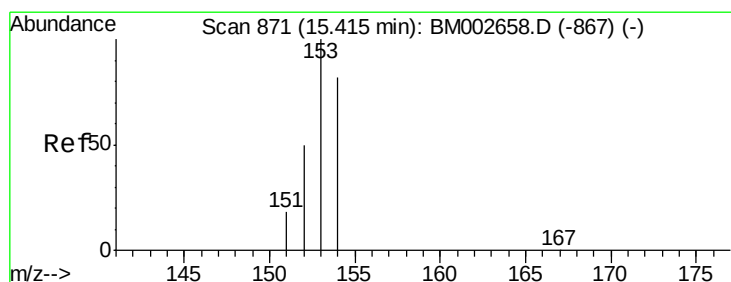
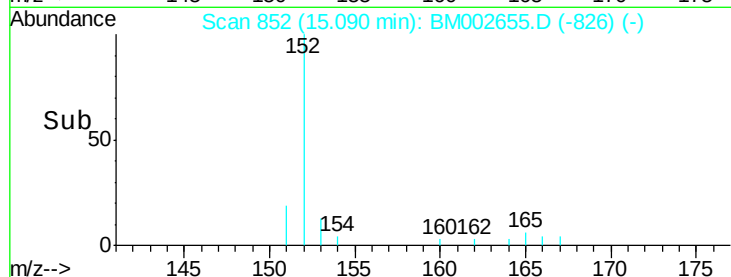
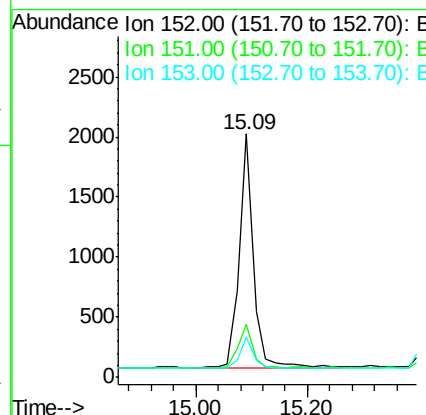
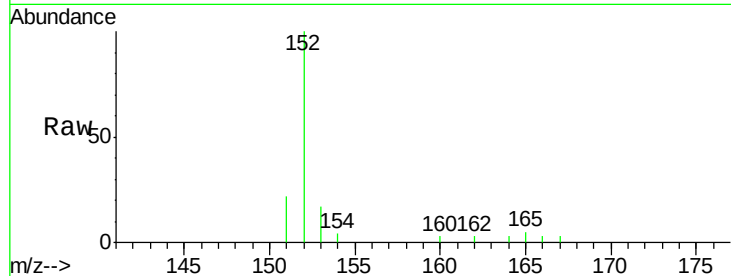
#9
Acenaphthylene
Concen: 0.05 ng/ul
RT: 15.09 min Scan# 852
Delta R.T. 0.00 min
Lab File: BM002655.D
Acq: 03 Sep 2015 19:28

Instrument :
BNA_M
ClientSampled :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.8	25.2
153	16.5	11.3	16.9

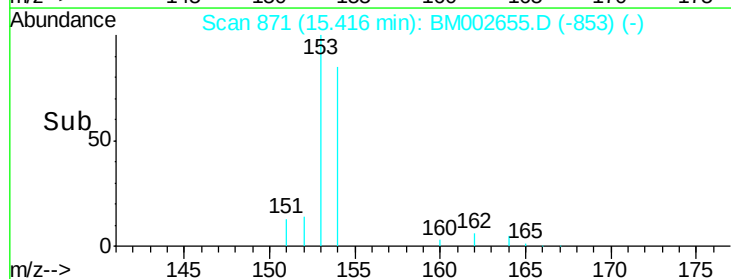
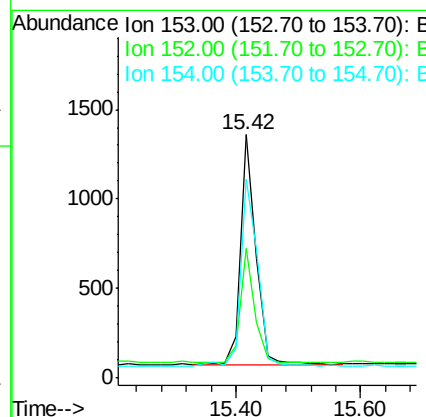
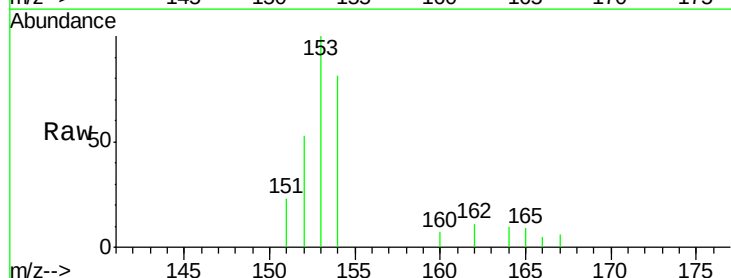
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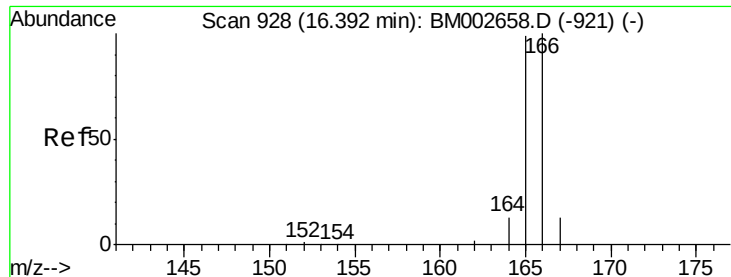
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#10
Acenaphthene
Concen: 0.05 ng/ul
RT: 15.42 min Scan# 871
Delta R.T. 0.00 min
Lab File: BM002655.D
Acq: 03 Sep 2015 19:28

Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.4	42.3	63.5
154	81.4	64.7	97.1





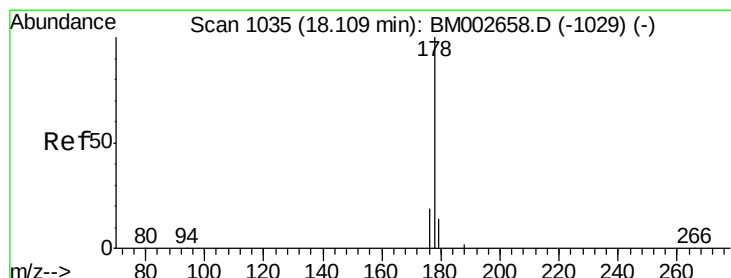
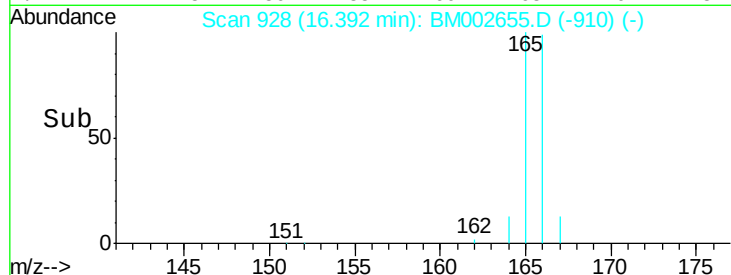
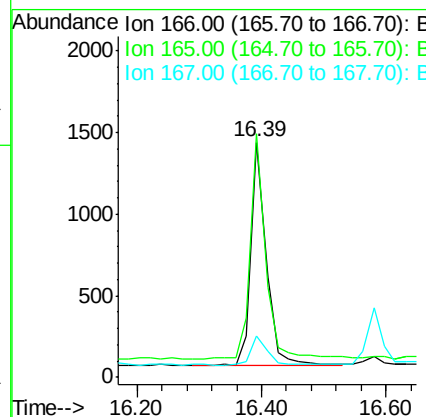
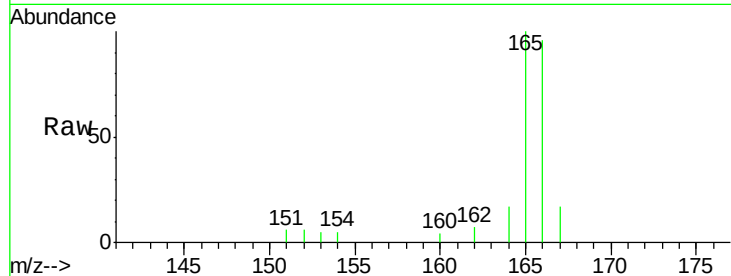
#11
Fluorene
Concen: 0.05 ng/ul
RT: 16.39 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM002655.D
Acq: 03 Sep 2015 19:28

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.7	87.6	131.4
167	17.8	11.1	16.7#

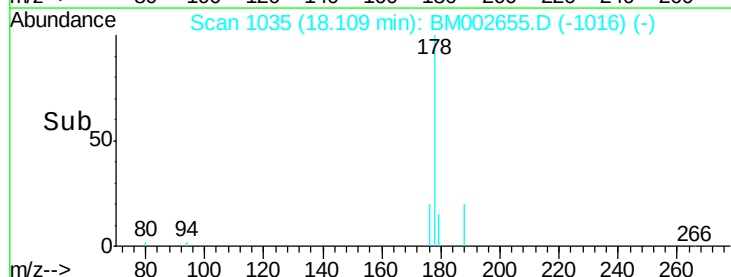
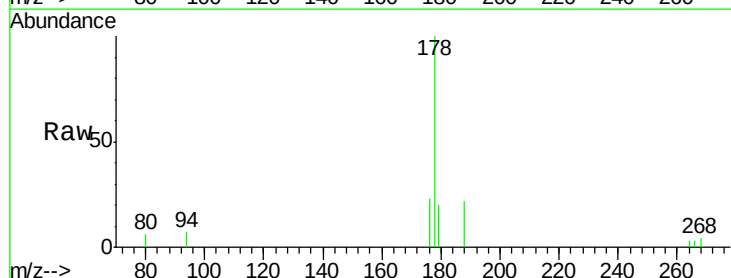
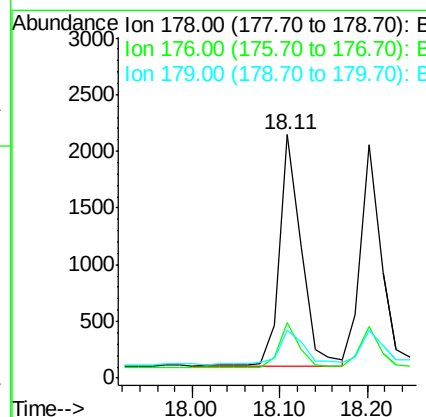
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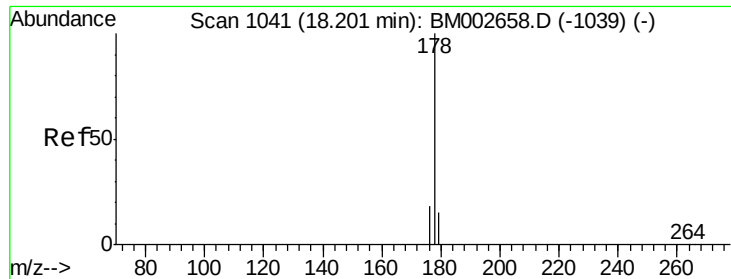
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#14
Phenanthrene
Concen: 0.05 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BM002655.D
Acq: 03 Sep 2015 19:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.0	16.2	24.4
179	19.7	12.8	19.2#





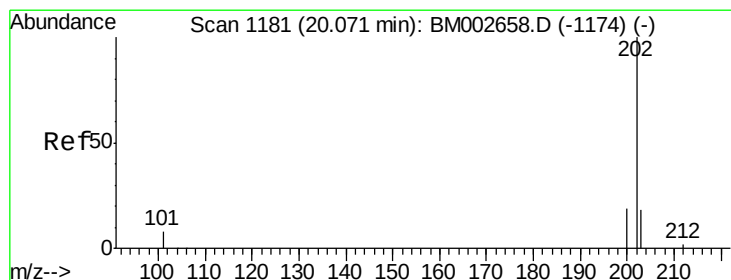
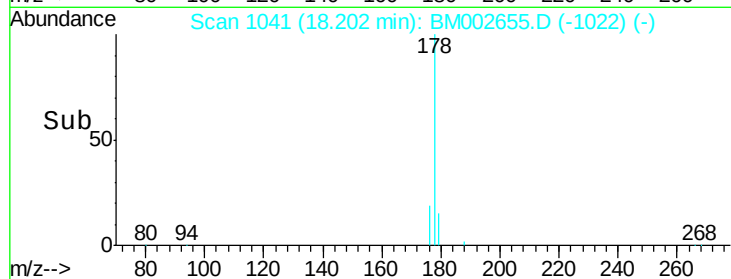
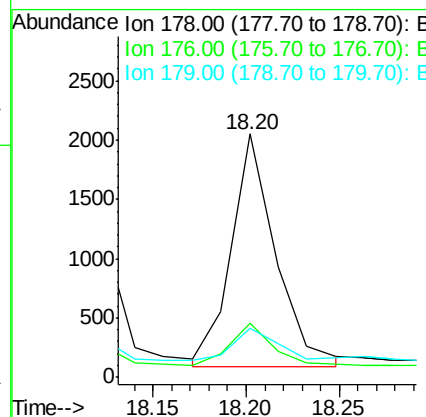
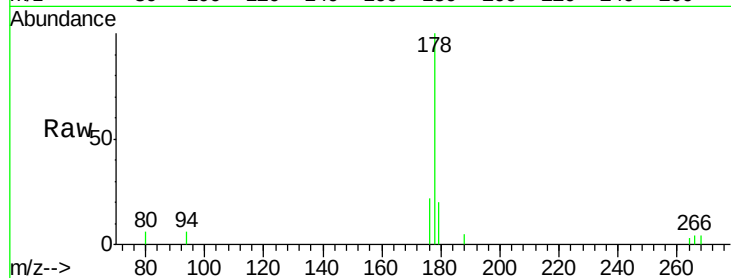
#15
 Anthracene
 Concen: 0.05 ng/ul m
 RT: 18.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BM002655.D
 Acq: 03 Sep 2015 19:28

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-W

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.8	23.8
179	20.3	13.3	19.9

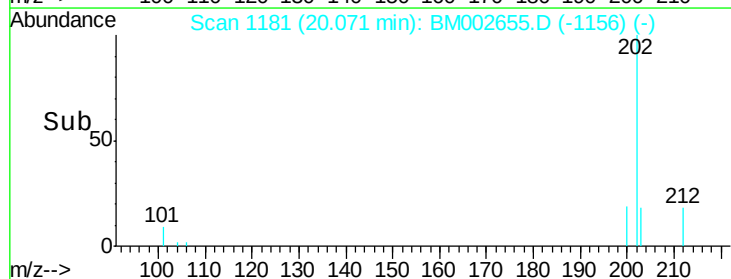
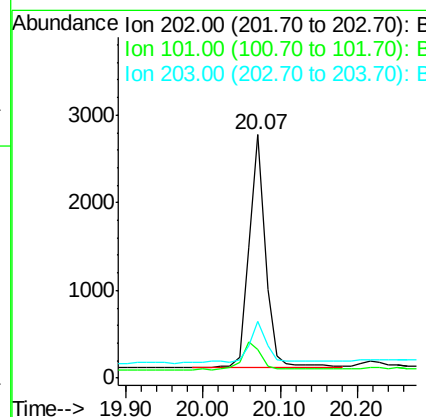
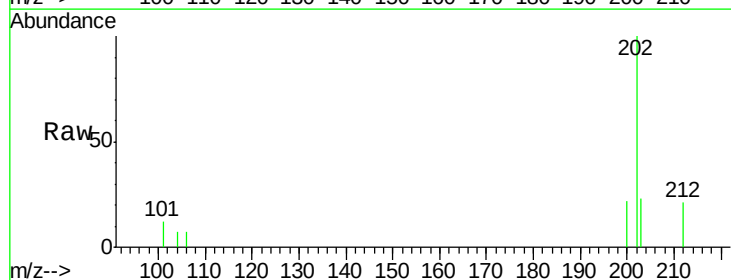
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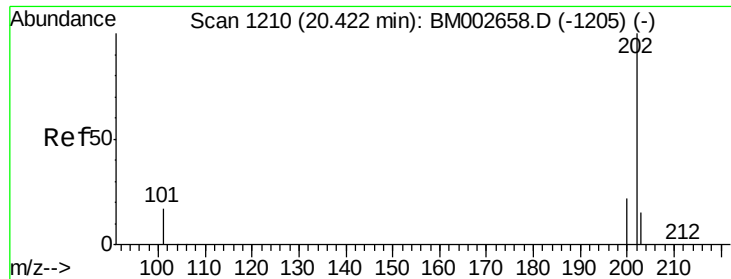
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#17
 Fluoranthene
 Concen: 0.06 ng/ul
 RT: 20.07 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BM002655.D
 Acq: 03 Sep 2015 19:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.1
203	23.1	0.0	37.2





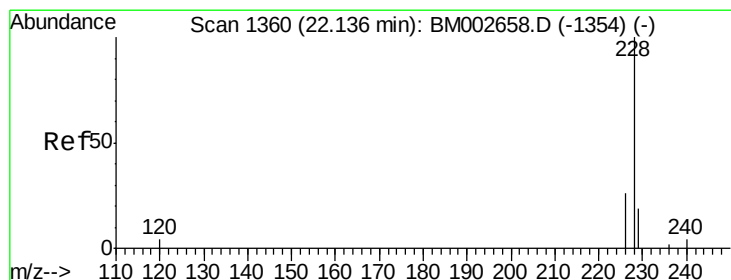
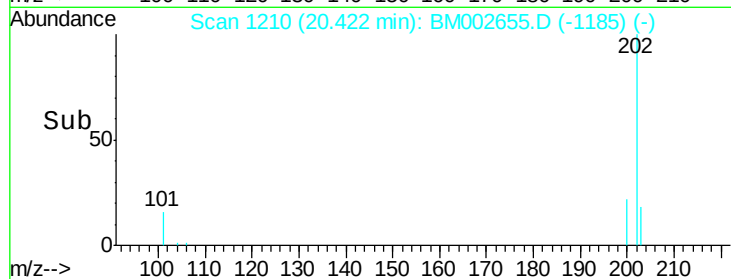
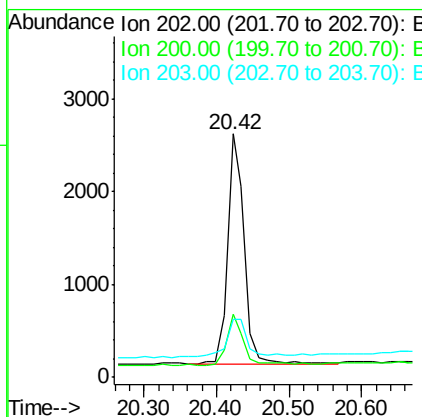
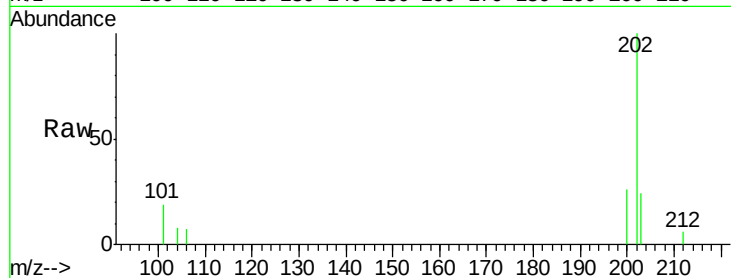
#19
 Pyrene
 Concen: 0.05 ng/ul
 RT: 20.42 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BM002655.D
 Acq: 03 Sep 2015 19:28

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-W

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4016		
200	26.1	18.0	27.0	
203	23.7	13.8	20.6	

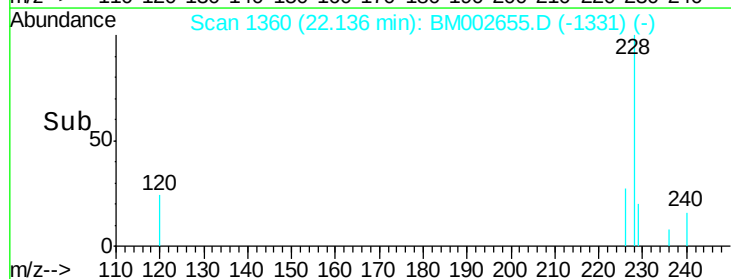
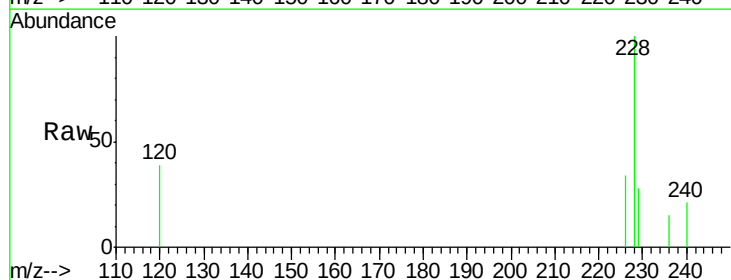
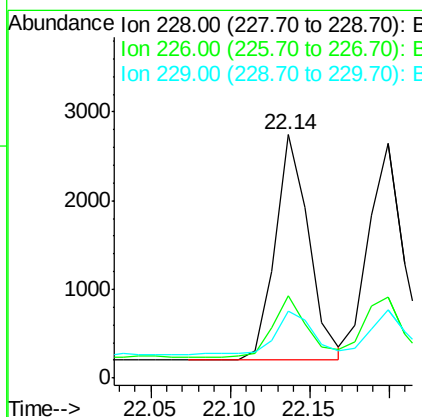
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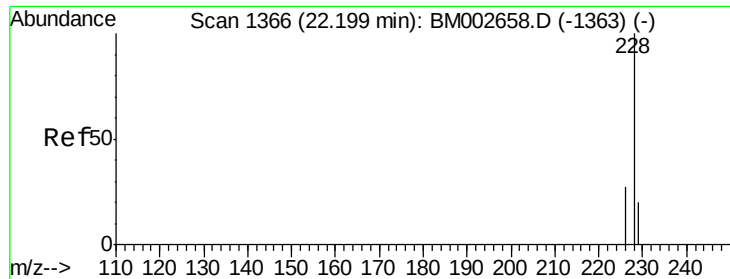
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#20
 Benzo(a)anthracene
 Concen: 0.05 ng/ul
 RT: 22.14 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BM002655.D
 Acq: 03 Sep 2015 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	3739		
226	33.8	23.0	34.4	
229	27.7	15.2	22.8	





#21

Chrysene

Concen: 0.06 ng/ul

RT: 22.20 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BM002655.D

Acq: 03 Sep 2015 19:28

Instrument :

BNA_M

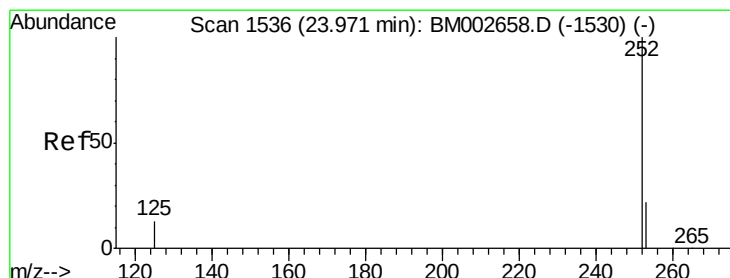
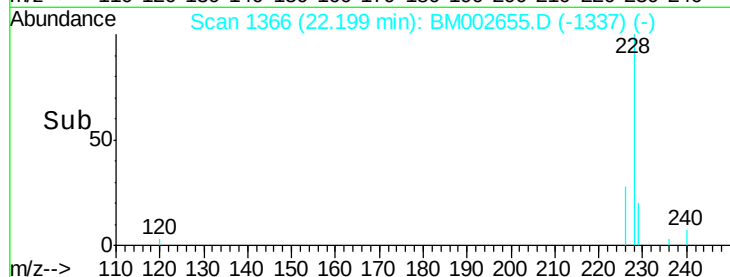
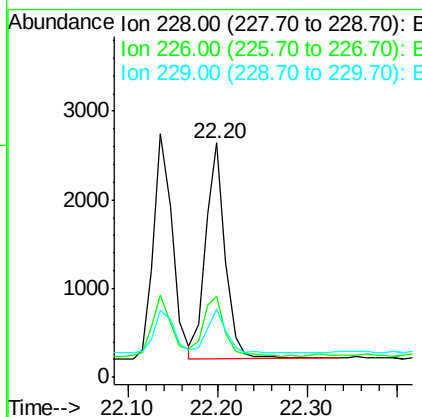
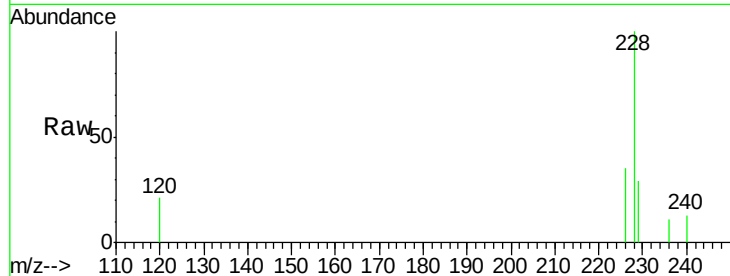
ClientSampleId :

MDL-05-W

Tgt Ion:	228	Resp:	3702
Ion Ratio	Lower	Upper	
228	100		
226	34.7	25.7	38.5
229	28.9	15.2	22.8#

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#23

Benzo(b)fluoranthene

Concen: 0.06 ng/ul

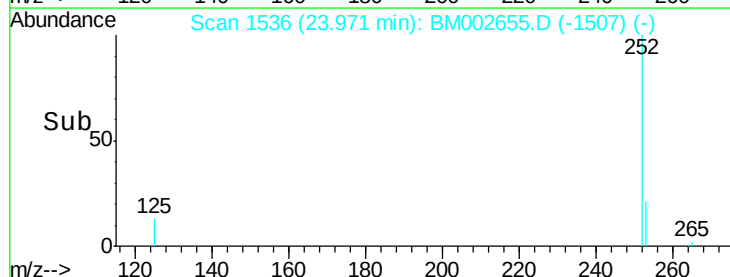
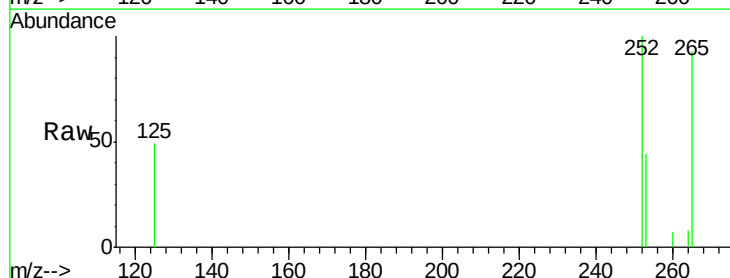
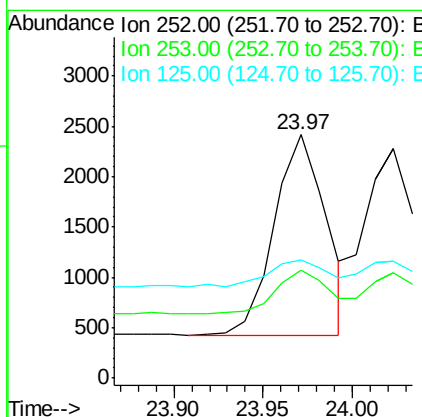
RT: 23.97 min Scan# 1536

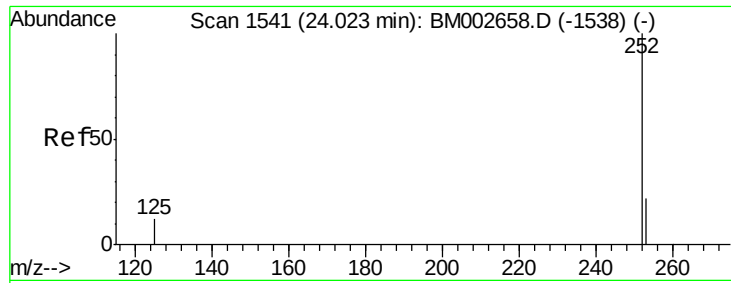
Delta R.T. 0.00 min

Lab File: BM002655.D

Acq: 03 Sep 2015 19:28

Tgt Ion:	252	Resp:	4021
Ion Ratio	Lower	Upper	
252	100		
253	44.1	0.0	48.0
125	48.5	0.0	36.6#





#24

Benzo(k)fluoranthene

Concen: 0.06 ng/ul

RT: 24.02 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BM002655.D

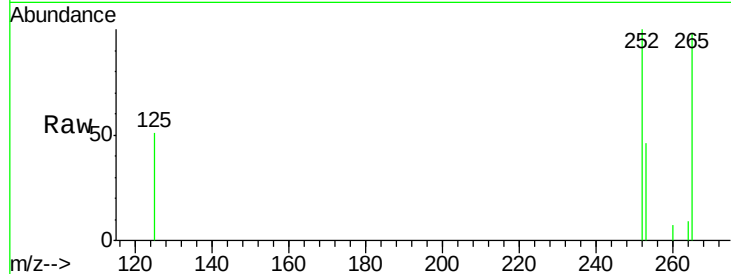
Acq: 03 Sep 2015 19:28

Instrument :

BNA_M

ClientSampleId :

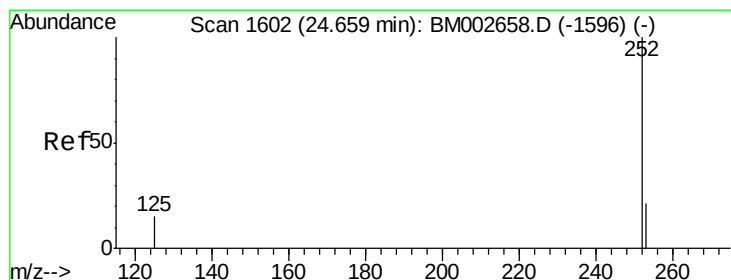
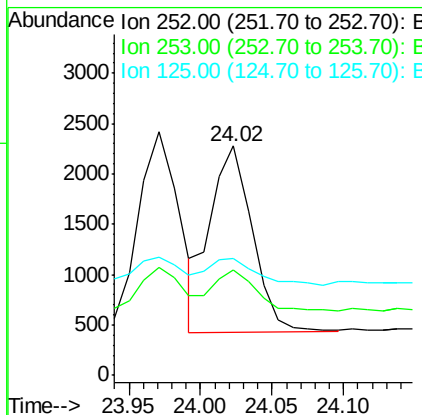
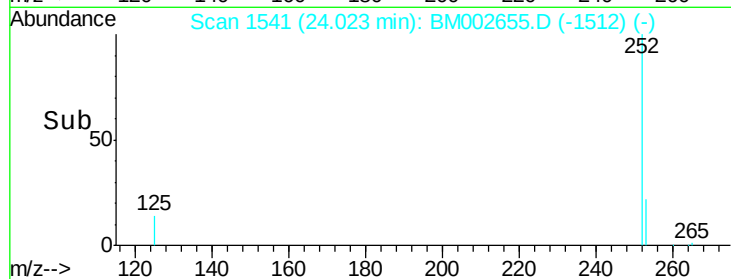
MDL-05-W



Tgt Ion:	252	Resp:	3799
Ion Ratio	Lower	Upper	
252	100		
253	46.1	20.8	31.2#
125	51.2	12.2	18.4#

Manual Integrations
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#25

Benzo(a)pyrene

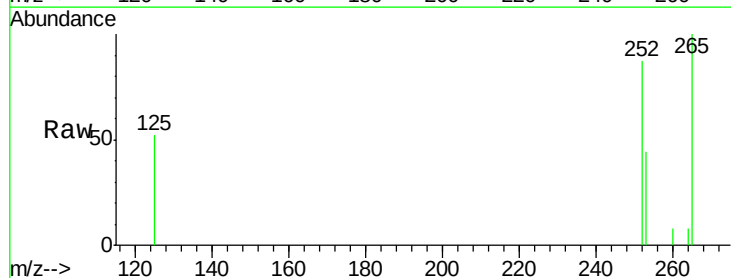
Concen: 0.05 ng/ul

RT: 24.67 min Scan# 1603

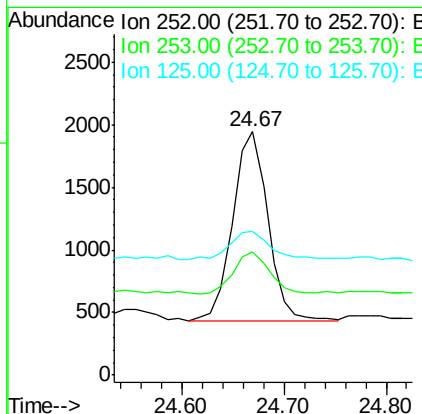
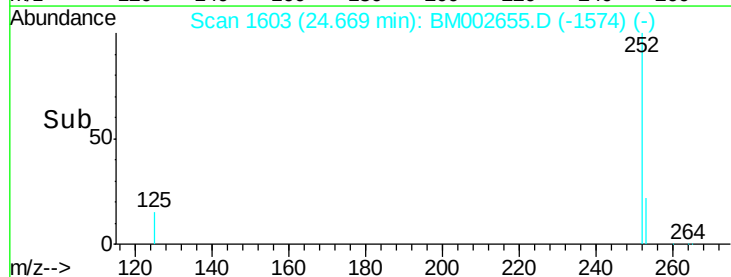
Delta R.T. 0.00 min

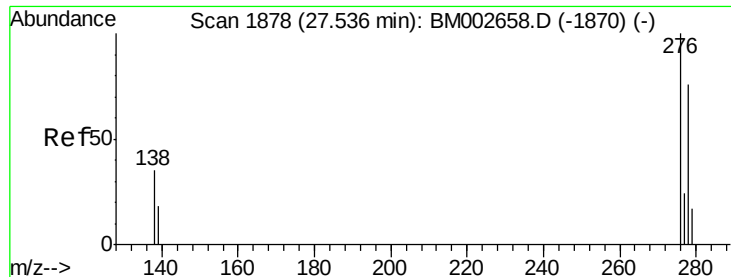
Lab File: BM002655.D

Acq: 03 Sep 2015 19:28



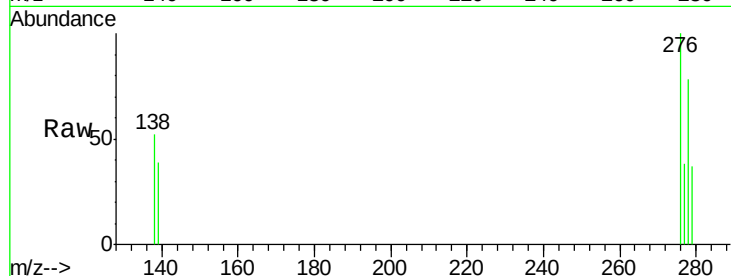
Tgt Ion:	252	Resp:	3594
Ion Ratio	Lower	Upper	
252	100		
253	50.6	21.8	32.8#
125	59.3	14.5	21.7#





#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.05 ng/ul
 RT: 27.55 min Scan# 1879
 Delta R.T. 0.00 min
 Lab File: BM002655.D
 Acq: 03 Sep 2015 19:28

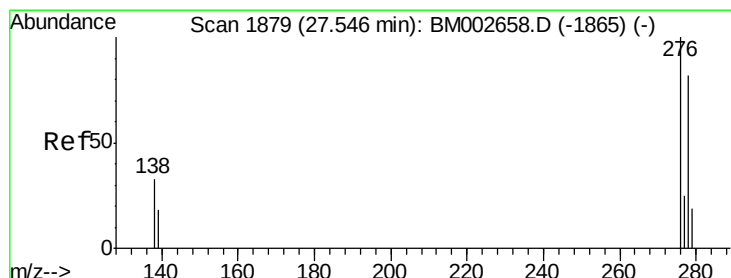
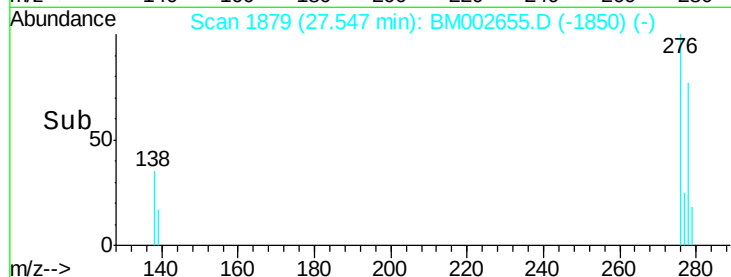
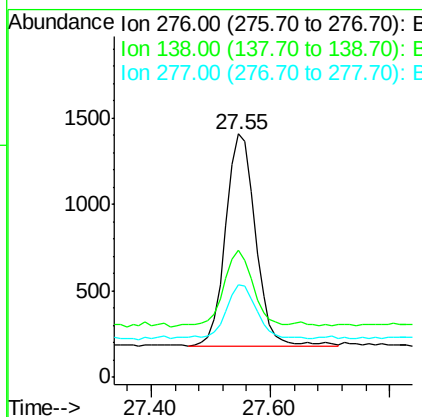
Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-W



Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.1	27.5	41.3
277	26.1	19.3	28.9

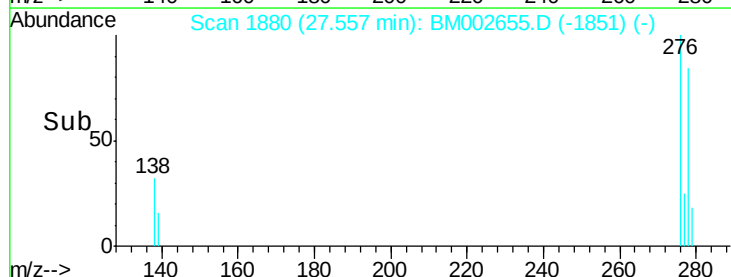
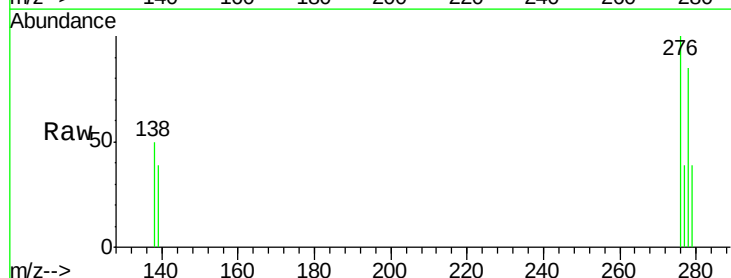
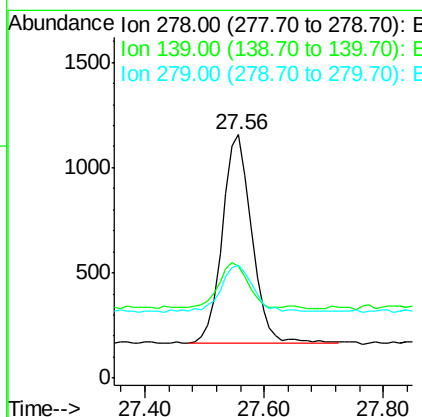
Manual Integrations
 APPROVED

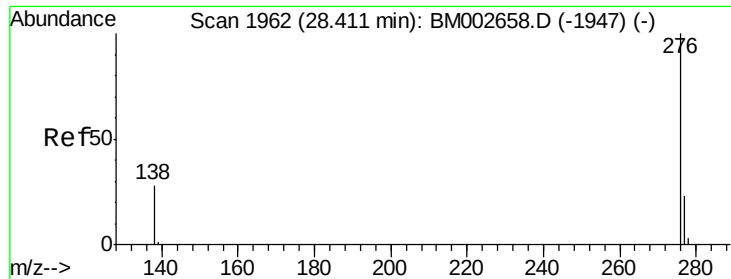
MMDadoda
 9/4/2015 2:48:55 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.05 ng/ul
 RT: 27.56 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BM002655.D
 Acq: 03 Sep 2015 19:28

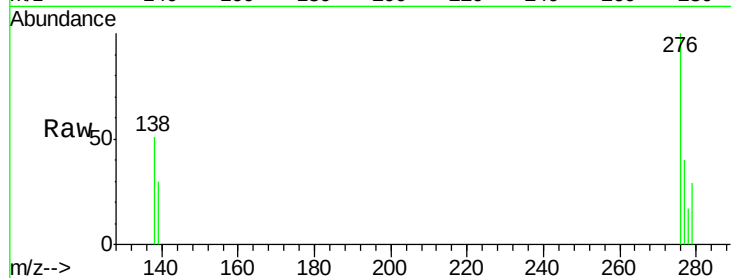
Tgt Ion	Ratio	Lower	Upper
278	100		
139	46.0	21.7	32.5#
279	46.2	21.9	32.9#





#28
 Benzo(g,h,i)perylene
 Concen: 0.05 ng/ul
 RT: 28.41 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: BM002655.D
 Acq: 03 Sep 2015 19:28

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-W



Tgt	Ion	Ratio	Lower	Upper
276	100			
277	39.8	21.3	31.9#	
138	51.0	25.5	38.3#	

Manual Integrations
 APPROVED

MMDadoda
 9/4/2015 2:48:55 PM

