

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090315\
 Data File : BM002665.D
 Acq On : 04 Sep 2015 01:36
 Operator : UM/IZ
 Sample : MDL-06-S
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S

Manual Integrations
 APPROVED

MMDadoda
 9/4/2015 2:49:14 PM

Quant Time: Sep 04 04:50:03 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 : Fri Sep 04 04:35:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	7486	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	27980	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	11033	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	19963	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	18725	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	18649	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	13.17	152	14476	0.39	ng/ul	0.00
16) Fluoranthene-d10	20.03	212	20410	0.45	ng/ul	-0.01
Target Compounds				Qvalue		
5) Naphthalene	11.69	128	4120	0.06	ng/ul	95
7) 2-Methylnaphthalene	13.23	142	3075	0.06	ng/ul	93
9) Acenaphthylene	15.09	152	3307	0.06	ng/ul#	97
10) Acenaphthene	15.42	153	2316	0.06	ng/ul	97
11) Fluorene	16.39	166	2418	0.06	ng/ul#	92
14) Phenanthrene	18.11	178	3553	0.06	ng/ul#	95
15) Anthracene	18.20	178	3646m	0.06	ng/ul	
17) Fluoranthene	20.07	202	3852	0.06	ng/ul	88
19) Pyrene	20.42	202	3985	0.06	ng/ul#	93
20) Benzo(a)anthracene	22.14	228	3774	0.06	ng/ul#	90
21) Chrysene	22.19	228	3677	0.06	ng/ul#	89
23) Benzo(b)fluoranthene	23.96	252	4134	0.06	ng/ul#	56
24) Benzo(k)fluoranthene	24.01	252	3591	0.06	ng/ul#	52
25) Benzo(a)pyrene	24.66	252	3605	0.06	ng/ul#	50
26) Indeno(1,2,3-cd)pyrene	27.54	276	4328	0.06	ng/ul	97
27) Dibenzo(a,h)anthracene	27.55	278	3454	0.06	ng/ul#	68
28) Benzo(g,h,i)perylene	28.40	276	3682	0.06	ng/ul#	76

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

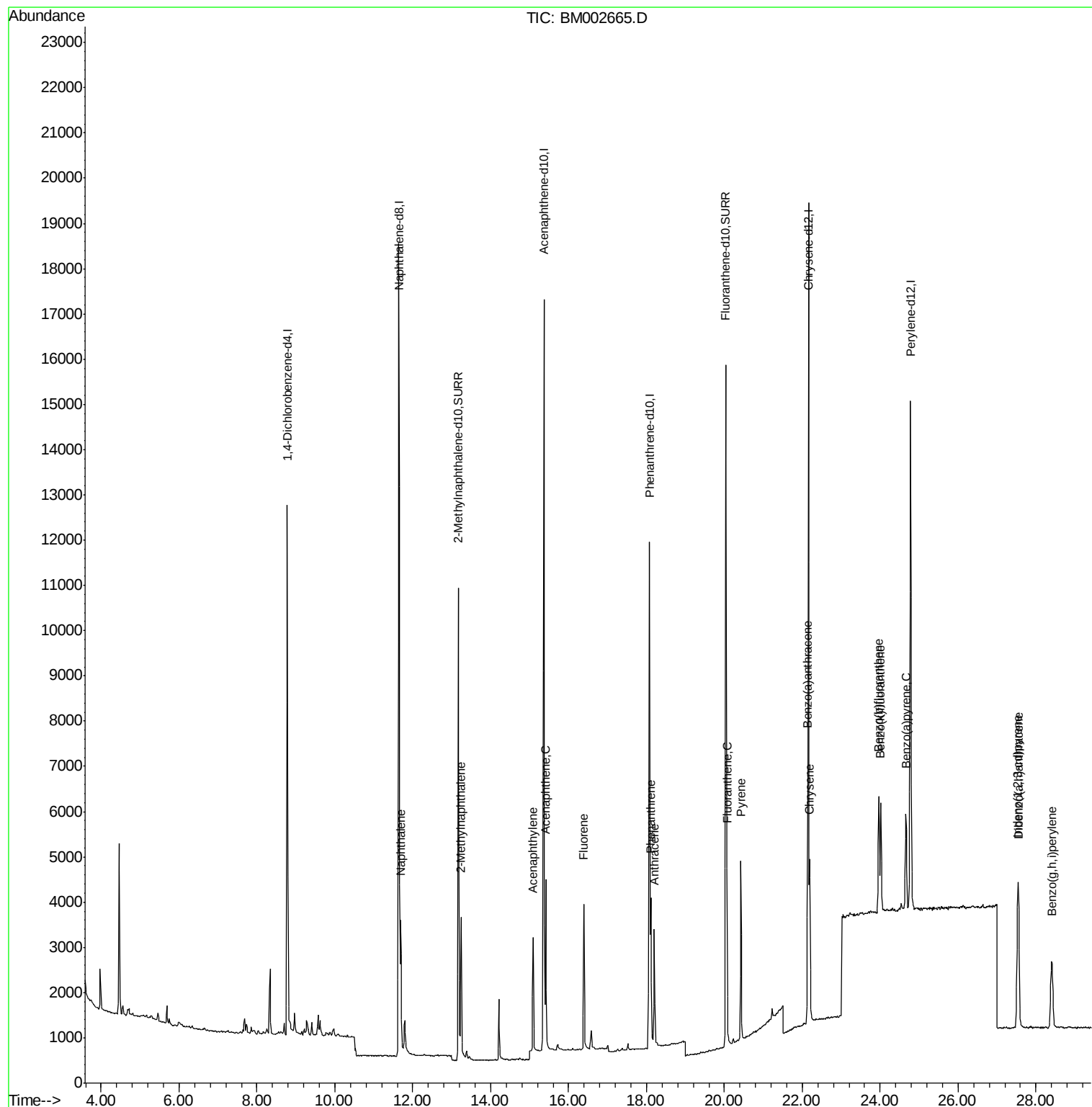
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090315\
Data File : BM002665.D
Acq On : 04 Sep 2015 01:36
Operator : UM/IZ
Sample : MDL-06-S
Misc :
ALS Vial : 17 Sample Multiplier: 1

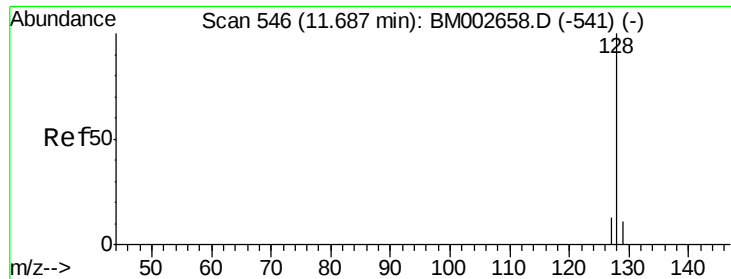
Instrument :
BNA_M
ClientSampleID :
MDL-06-S

Manual Integrations
APPROVED

MMDadoda
9/4/2015 2:49:14 PM

Quant Time: Sep 04 04:50:03 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 : Fri Sep 04 04:35:12 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.06 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM002665.D

Acq: 04 Sep 2015 01:36

Instrument :

BNA_M

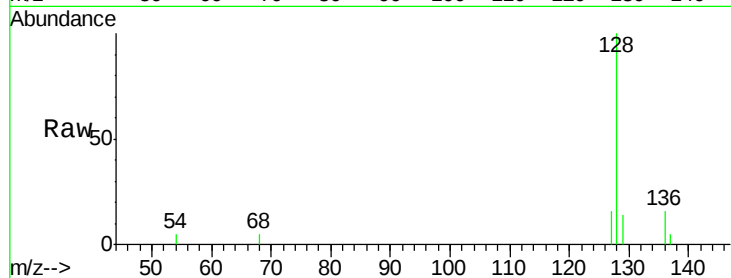
ClientSampleId :

MDL-06-S

Manual Integrations
APPROVED

MMDadoda
9/4/2015 2:49:14 PM

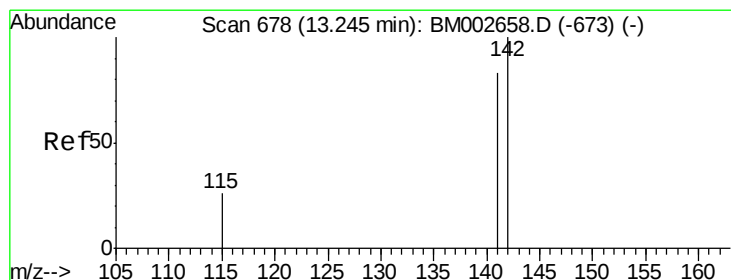
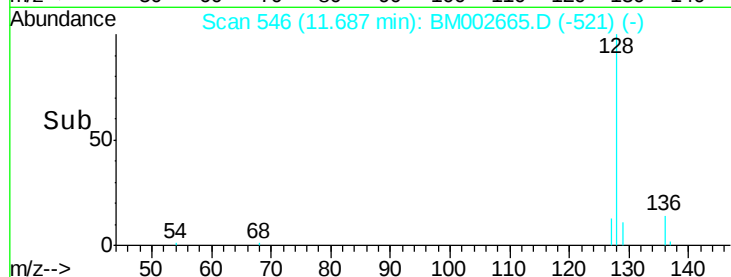
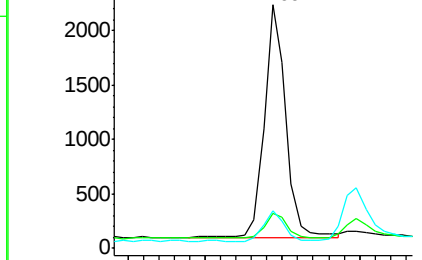
Tgt Ion:	128	Resp:	4120
Ion	Ratio	Lower	Upper
128	100		
129	14.4	9.8	14.8
127	15.6	10.7	16.1



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

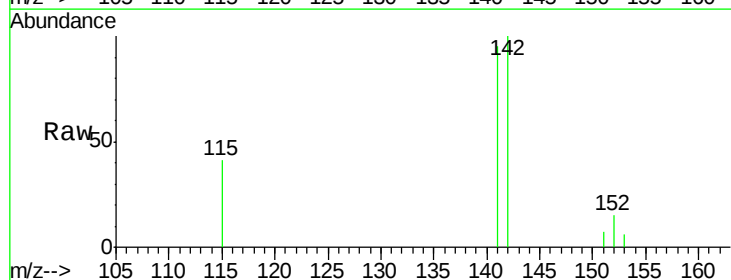
RT: 13.23 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM002665.D

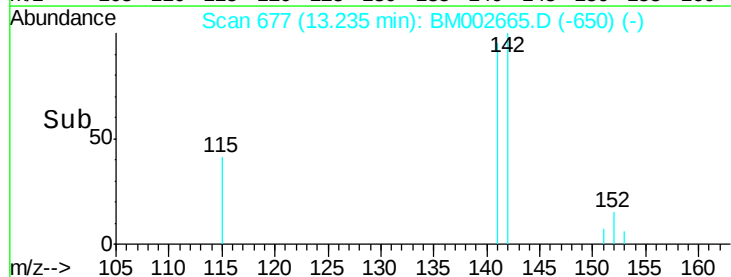
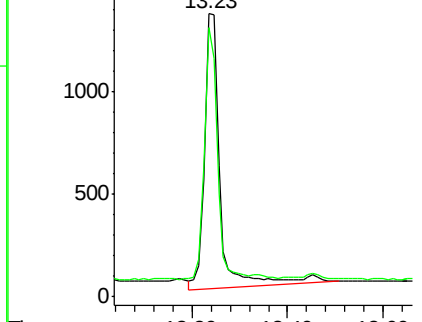
Acq: 04 Sep 2015 01:36

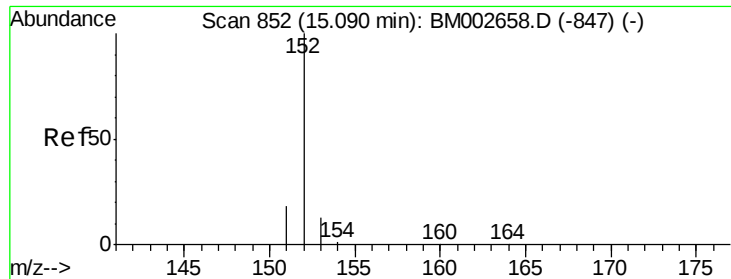
Tgt Ion:	142	Resp:	3075
Ion	Ratio	Lower	Upper
142	100		
141	94.5	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.06 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. 0.00 min

Lab File: BM002665.D

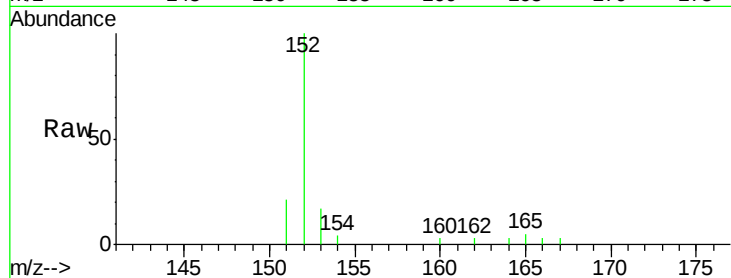
Acq: 04 Sep 2015 01:36

Instrument :

BNA_M

ClientSampleId :

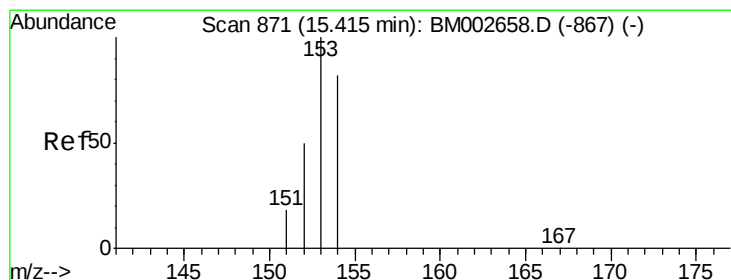
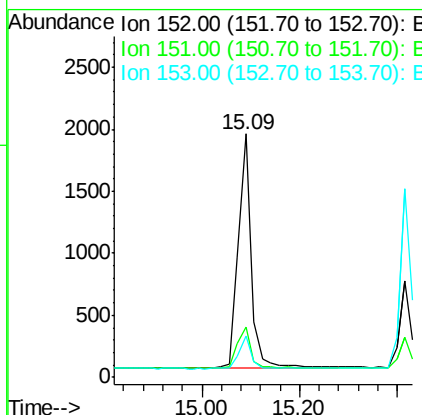
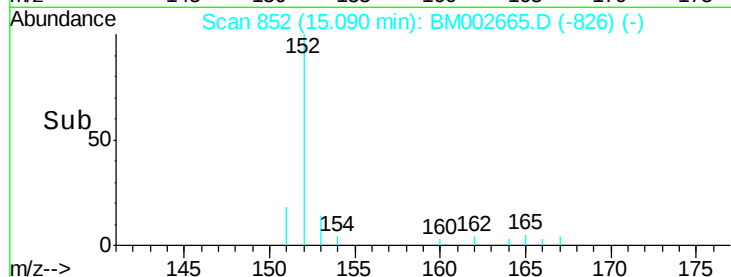
MDL-06-S



Tgt Ion:	152	Resp:	3307
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.8	25.2
153	17.0	11.3	16.9#

Manual Integrations
APPROVED

MMDadoda
9/4/2015 2:49:14 PM



#10

Acenaphthene

Concen: 0.06 ng/ul

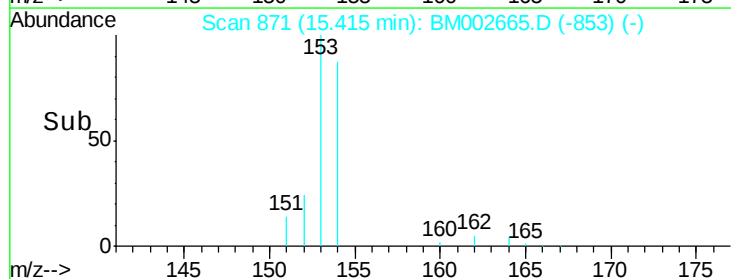
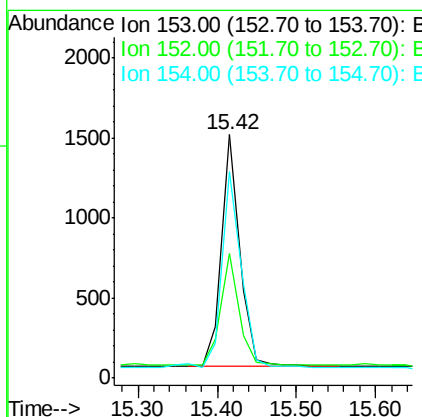
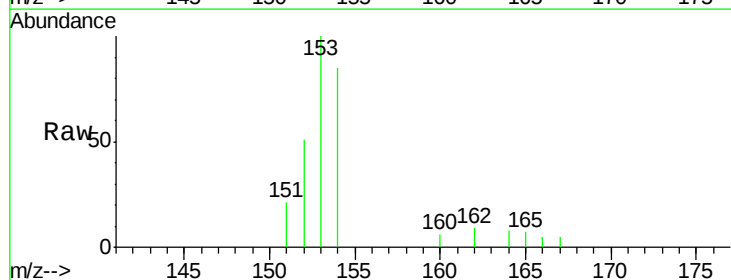
RT: 15.42 min Scan# 871

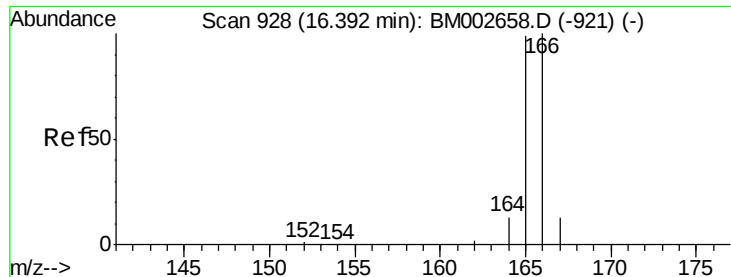
Delta R.T. 0.00 min

Lab File: BM002665.D

Acq: 04 Sep 2015 01:36

Tgt Ion:	153	Resp:	2316
Ion Ratio	Lower	Upper	
153	100		
152	51.3	42.3	63.5
154	84.7	64.7	97.1





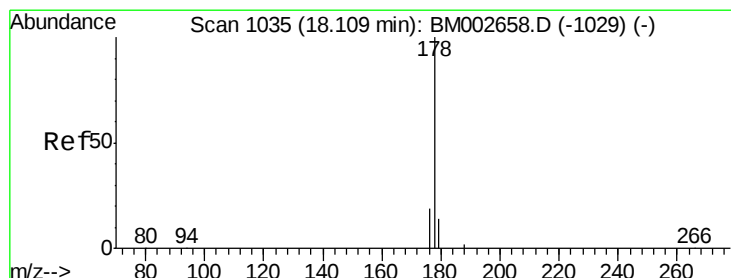
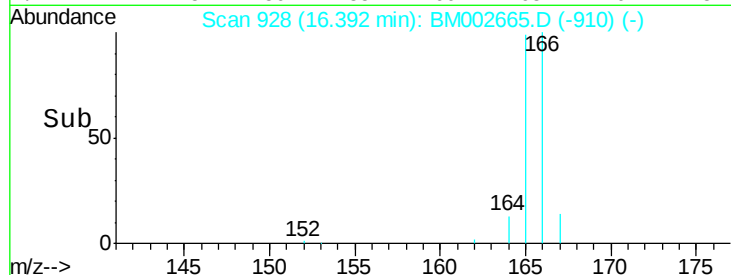
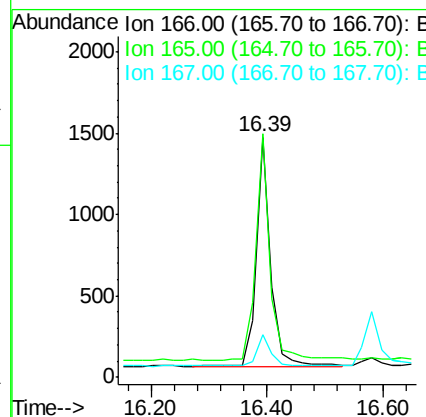
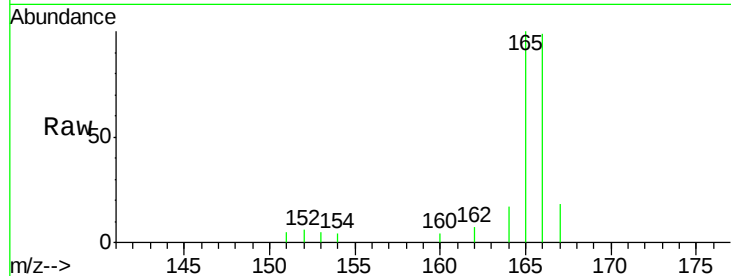
#11
Fluorene
Concen: 0.06 ng/ul
RT: 16.39 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM002665.D
Acq: 04 Sep 2015 01:36

Instrument :
BNA_M
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.4	87.6	131.4
167	17.8	11.1	16.7#

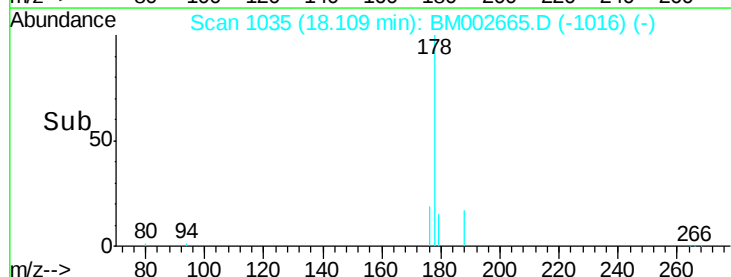
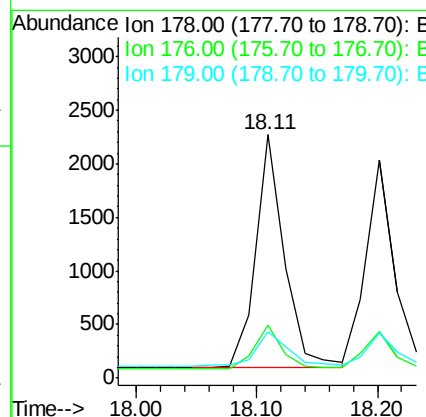
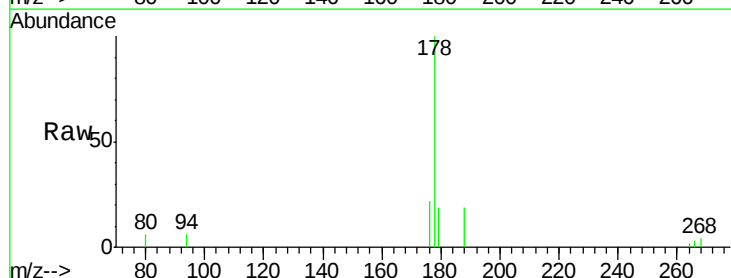
Manual Integrations
APPROVED

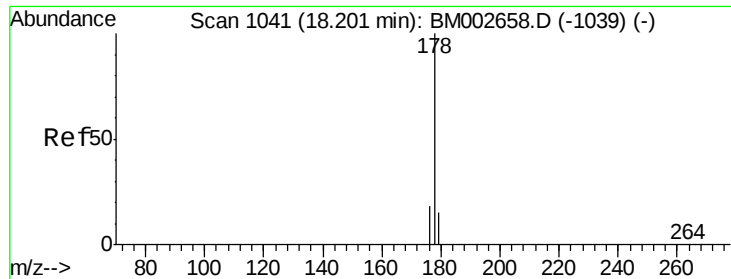
MMDadoda
9/4/2015 2:49:14 PM



#14
Phenanthrene
Concen: 0.06 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BM002665.D
Acq: 04 Sep 2015 01:36

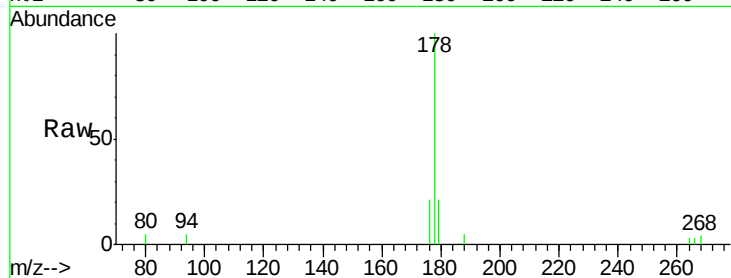
Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	16.2	24.4
179	19.3	12.8	19.2#





#15
 Anthracene
 Concen: 0.06 ng/ul m
 RT: 18.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BM002665.D
 Acq: 04 Sep 2015 01:36

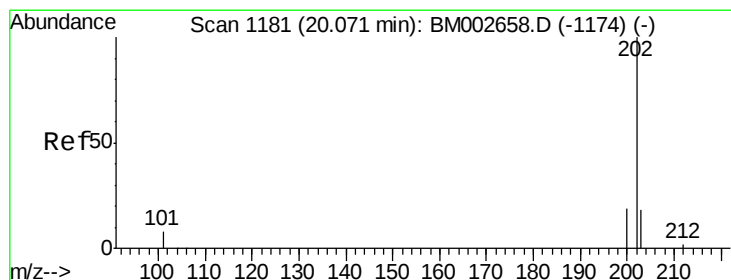
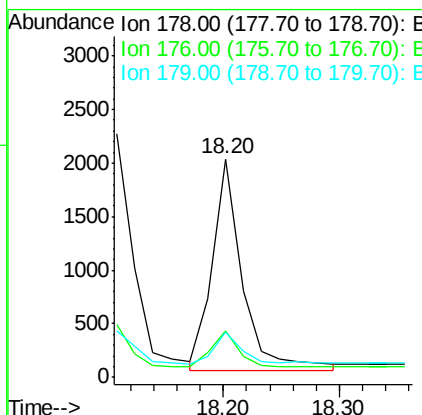
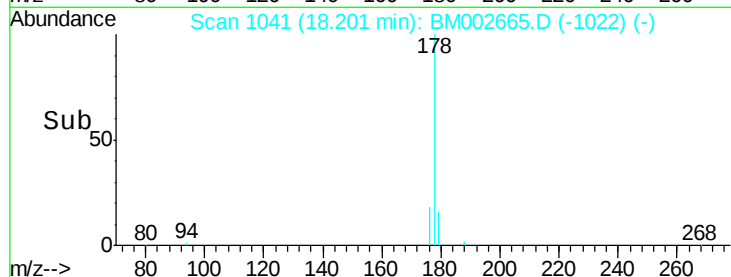
Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S



Tgt Ion:178 Resp: 3646
 Ion Ratio Lower Upper
 178 100
 176 21.2 15.8 23.8
 179 20.7 13.3 19.9#

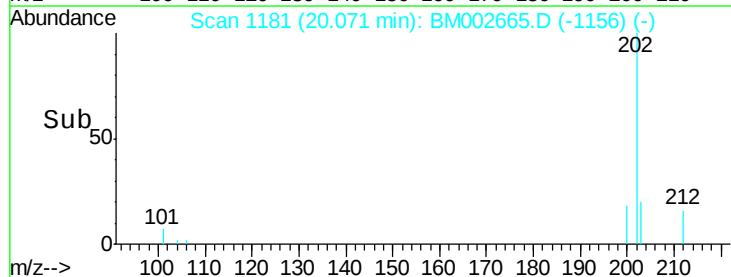
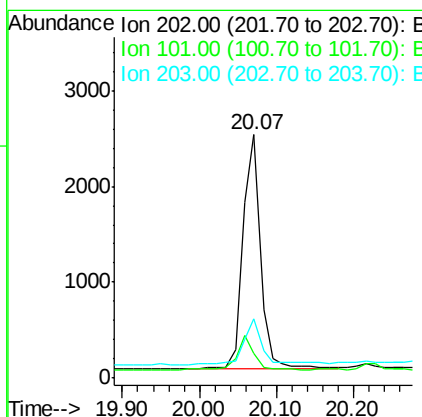
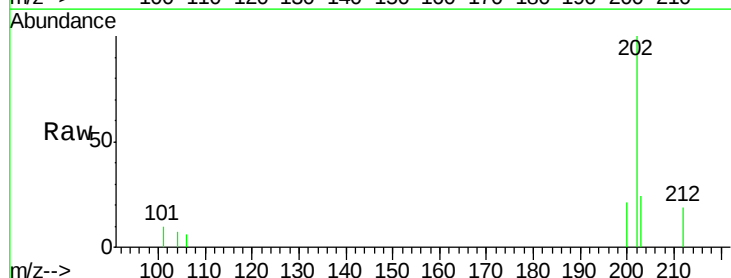
Manual Integrations
 APPROVED

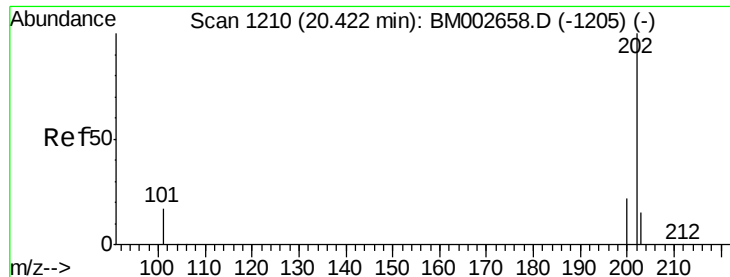
MMDadoda
 9/4/2015 2:49:14 PM



#17
 Fluoranthene
 Concen: 0.06 ng/ul
 RT: 20.07 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BM002665.D
 Acq: 04 Sep 2015 01:36

Tgt Ion:202 Resp: 3852
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 33.1
 203 24.1 0.0 37.2





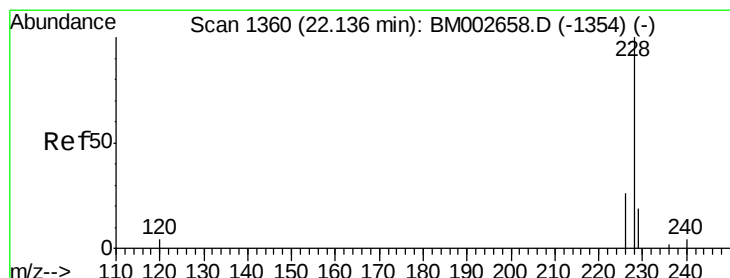
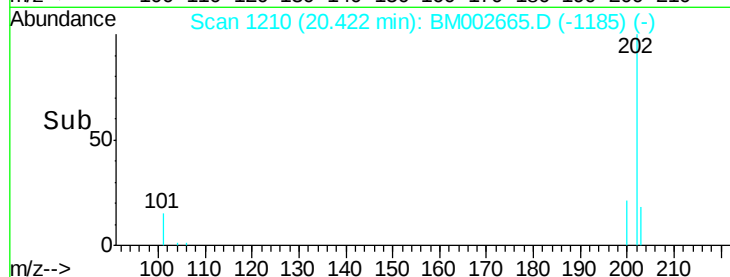
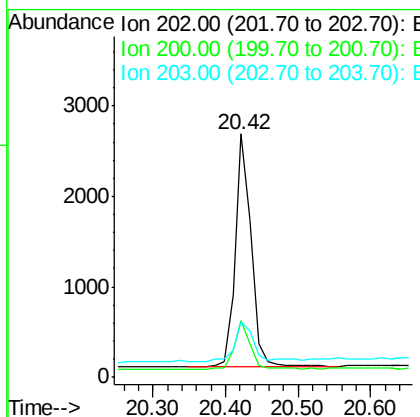
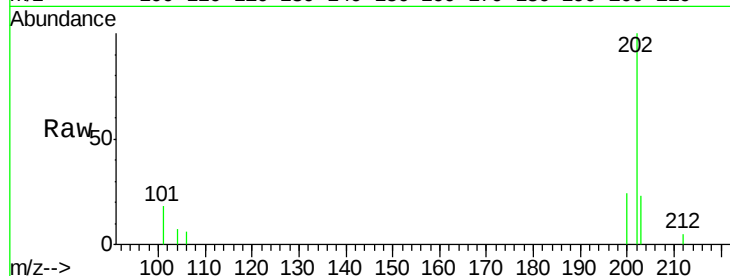
#19
Pyrene
Concen: 0.06 ng/ul
RT: 20.42 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM002665.D
Acq: 04 Sep 2015 01:36

Instrument :
BNA_M
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3985		
200	23.5	18.0	27.0	
203	22.7	13.8	20.6	

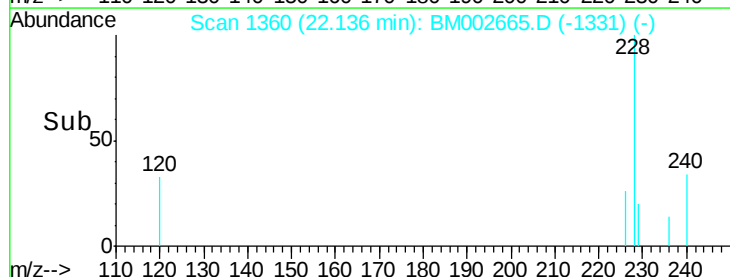
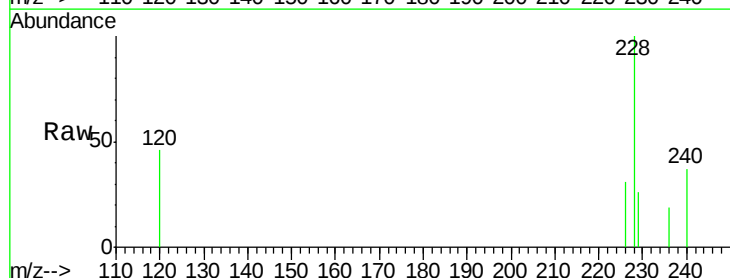
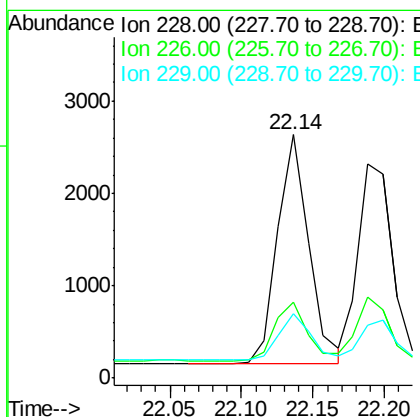
Manual Integrations
APPROVED

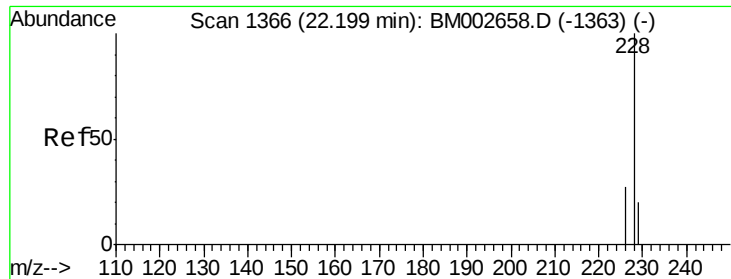
MMDadoda
9/4/2015 2:49:14 PM



#20
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 22.14 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BM002665.D
Acq: 04 Sep 2015 01:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	3774		
226	31.4	23.0	34.4	
229	26.4	15.2	22.8	





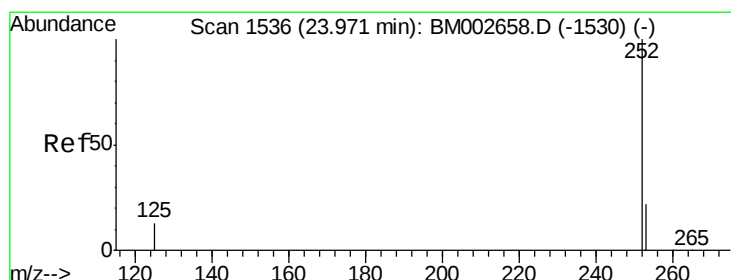
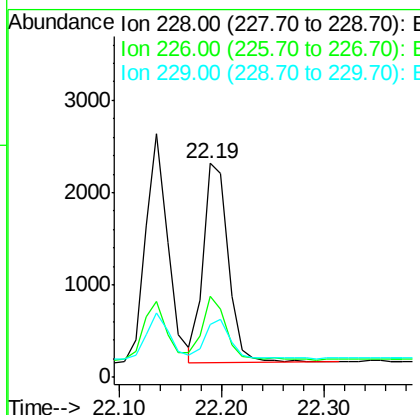
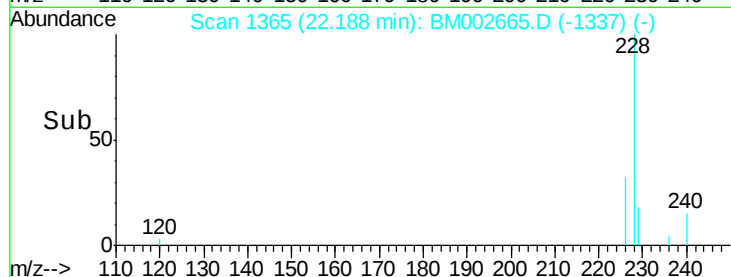
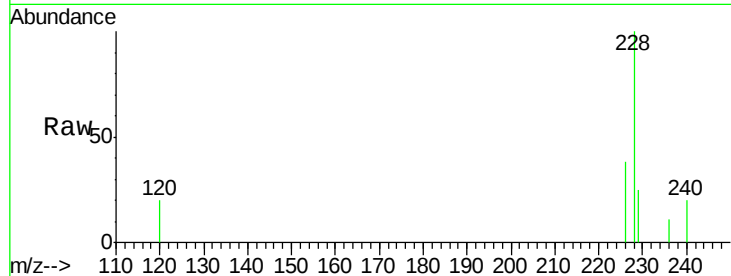
#21
Chrysene
Concen: 0.06 ng/u1
RT: 22.19 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BM002665.D
Acq: 04 Sep 2015 01:36

Instrument :
BNA_M
ClientSampleId :
MDL-06-S

Tgt Ion: 228 Resp: 3677
Ion Ratio Lower Upper
228 100
226 37.9 25.7 38.5
229 25.0 15.2 22.8#

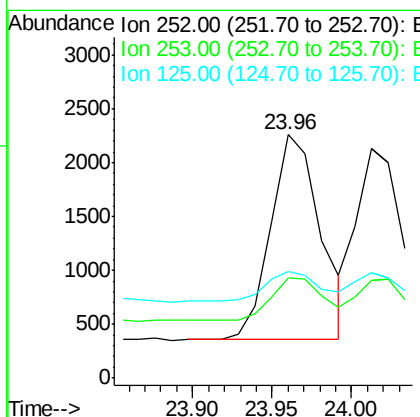
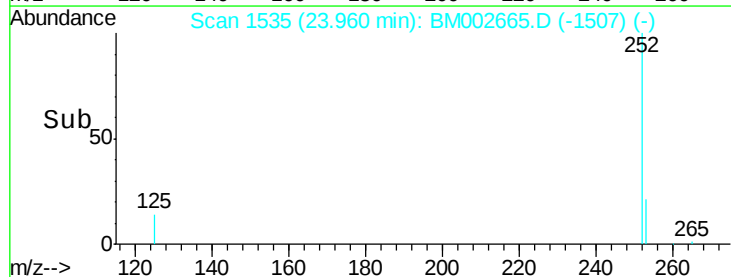
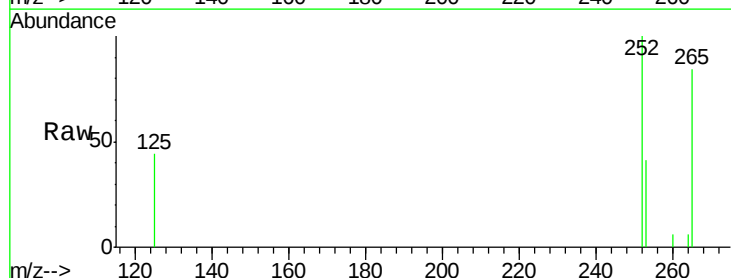
Manual Integrations
APPROVED

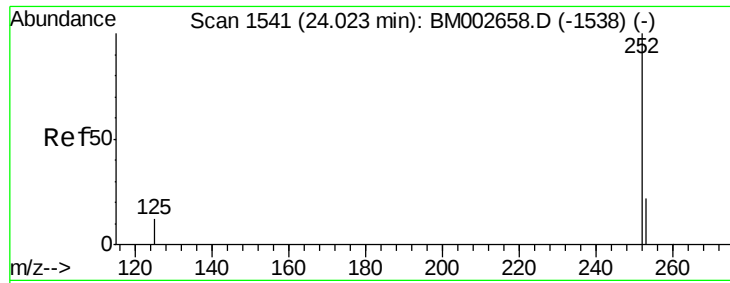
MMDadoda
9/4/2015 2:49:14 PM



#23
Benzo(b)fluoranthene
Concen: 0.06 ng/u1
RT: 23.96 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BM002665.D
Acq: 04 Sep 2015 01:36

Tgt Ion: 252 Resp: 4134
Ion Ratio Lower Upper
252 100
253 40.9 0.0 48.0
125 43.9 0.0 36.6#





#24

Benzo(k)fluoranthene

Concen: 0.06 ng/u1

RT: 24.01 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BM002665.D

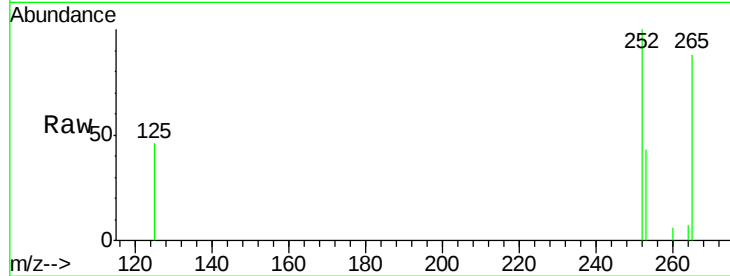
Acq: 04 Sep 2015 01:36

Instrument :

BNA_M

ClientSampleId :

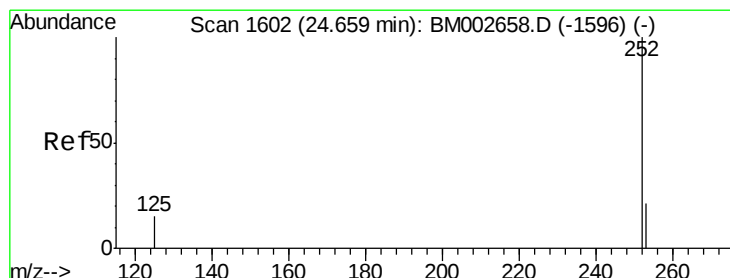
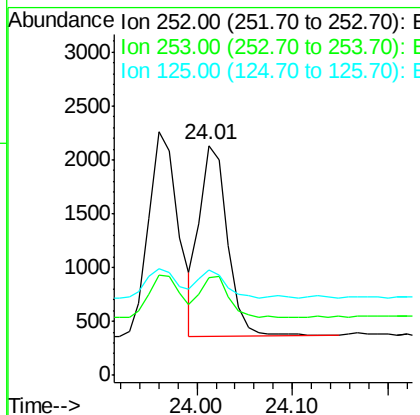
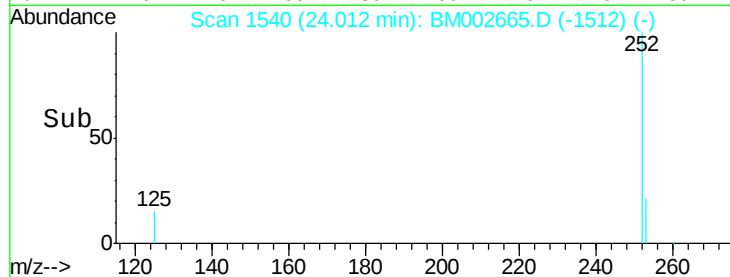
MDL-06-S



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	3591		
253	42.6	20.8	31.2#	
125	45.9	12.2	18.4#	

Manual Integrations
APPROVED

MMDadoda
9/4/2015 2:49:14 PM



#25

Benzo(a)pyrene

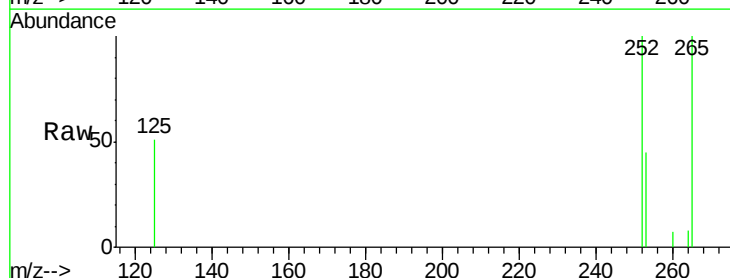
Concen: 0.06 ng/u1

RT: 24.66 min Scan# 1602

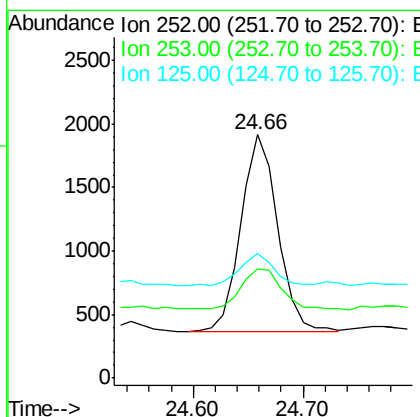
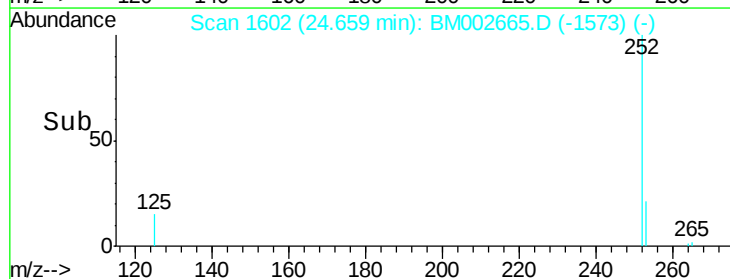
Delta R.T. 0.00 min

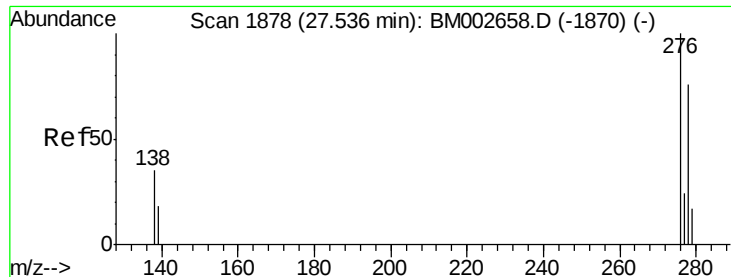
Lab File: BM002665.D

Acq: 04 Sep 2015 01:36



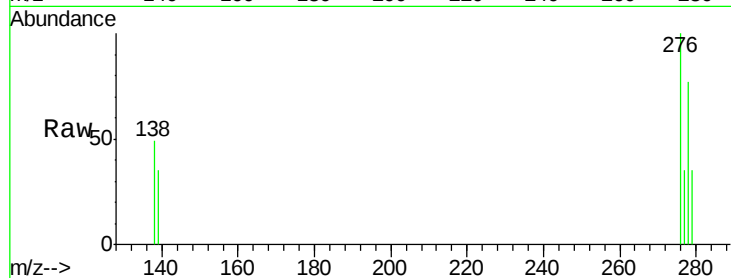
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	3605		
253	45.1	21.8	32.8#	
125	50.9	14.5	21.7#	





#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.06 ng/ul
 RT: 27.54 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: BM002665.D
 Acq: 04 Sep 2015 01:36

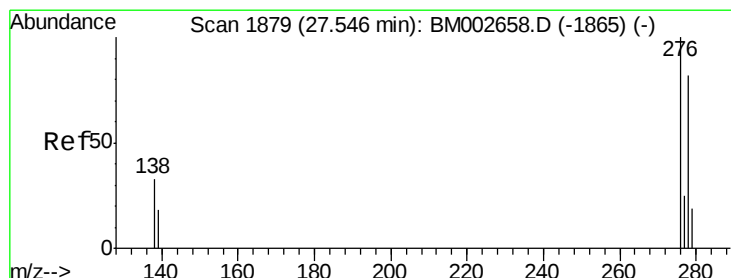
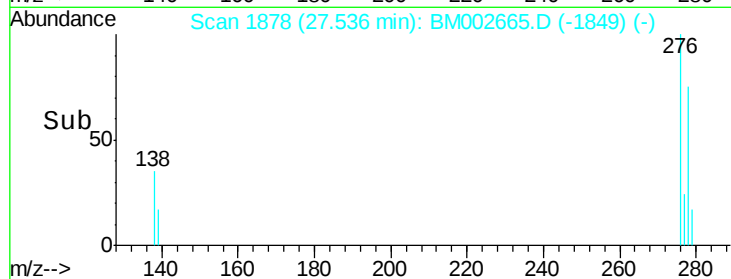
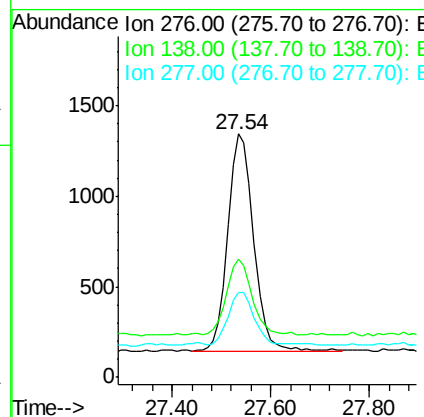
Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S



Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.5	27.5	41.3
277	25.8	19.3	28.9

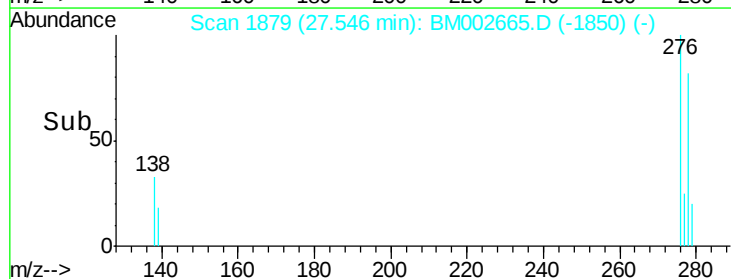
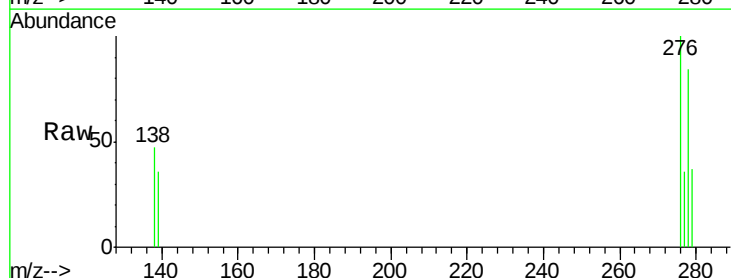
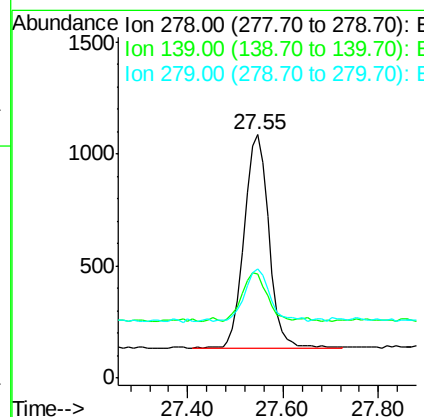
Manual Integrations
 APPROVED

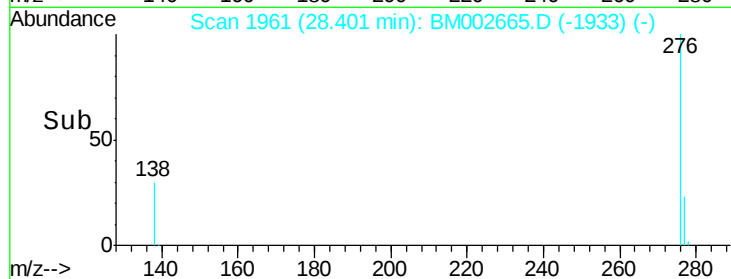
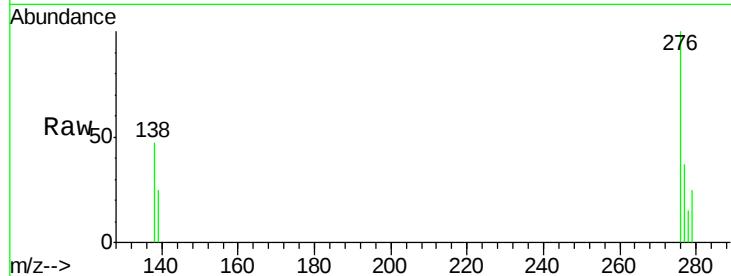
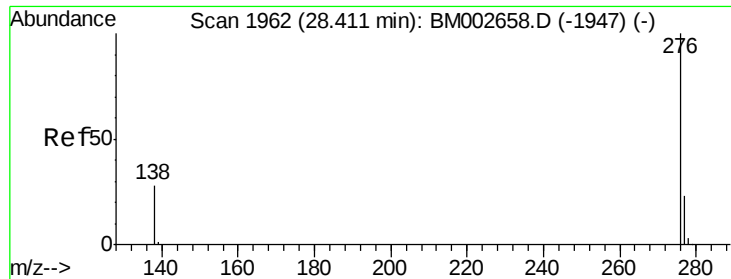
MMDadoda
 9/4/2015 2:49:14 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.06 ng/ul
 RT: 27.55 min Scan# 1879
 Delta R.T. 0.00 min
 Lab File: BM002665.D
 Acq: 04 Sep 2015 01:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.8	21.7	32.5#
279	44.7	21.9	32.9#





#28

Benzo(g,h,i)perylene

Concen: 0.06 ng/ul

RT: 28.40 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BM002665.D

Acq: 04 Sep 2015 01:36

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

Tgt Ion:	276	Resp:	3682
Ion Ratio	Lower	Upper	
276	100		
277	36.5	21.3	31.9#
138	47.1	25.5	38.3#

Manual Integrations
APPROVED

MMDadoda
9/4/2015 2:49:14 PM

