

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120215\
 Data File : BM003359.D
 Acq On : 02 Dec 2015 16:57
 Operator : UM/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM120215

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:07:55 PM

Quant Time: Dec 02 17:37:21 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 17:30:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	75707	5.00	ng	0.00
7) Naphthalene-d8	10.51	136	329898	5.00	ng	0.00
13) Acenaphthene-d10	14.37	164	192163	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	471297	5.00	ng	0.00
26) Chrysene-d12	21.33	240	257629	5.00	ng	0.00
35) Perylene-d12	23.58	264	206757	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	13711	0.91	ng	0.00
5) Phenol-d6	6.88	99	17072	0.92	ng	0.00
8) Nitrobenzene-d5	8.88	82	14175	0.92	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	3729	0.94	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	53340	0.92	ng	0.00
29) Terphenyl-d14	19.76	244	42694	1.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	6303	0.93	ng	97
3) n-Nitrosodimethylamine	3.54	42	6669	0.95	ng	99
6) bis(2-Chloroethyl)ether	7.14	93	17224	0.95	ng	100
9) Nitrobenzene	8.92	77	15331	0.92	ng	99
10) Naphthalene	10.56	128	67268	0.95	ng	98
11) Hexachlorobutadiene	10.85	225	10656	0.98	ng	100
12) 2-Methylnaphthalene	12.18	142	45944	0.94	ng	94
16) Acenaphthylene	14.08	152	71198	0.94	ng	100
17) Acenaphthene	14.44	154	45491	0.90	ng	# 100
18) Fluorene	15.42	166	51942	0.91	ng	100
20) 4-Bromophenyl-phenylether	16.32	248	11561	0.85	ng	# 35
21) Hexachlorobenzene	16.42	284	14169	0.92	ng	# 59
22) Pentachlorophenol	16.78	266	3901	0.85	ng	# 81
23) Phenanthrene	17.16	178	81552m	0.90	ng	
24) Anthracene	17.24	178	85910	0.90	ng	97
25) Fluoranthene	19.19	202	84989	0.90	ng	100
27) Benzidine	19.38	184	18864	0.93	ng	96
28) Pyrene	19.55	202	91418	0.98	ng	100
30) Benzo(a)anthracene	21.31	228	62867	0.90	ng	99
31) 3,3'-Dichlorobenzidine	21.25	252	15166	0.81	ng	96
32) Chrysene	21.35	228	79342m	0.99	ng	
33) Bis(2-ethylhexyl)phthalate	21.23	149	28910	0.86	ng	# 99
34) Indeno(1,2,3-cd)pyrene	25.86	276	53703	0.90	ng	# 80
36) Benzo(b)fluoranthene	22.90	252	58432	0.93	ng	99
37) Benzo(k)fluoranthene	22.94	252	51845	0.92	ng	99
38) Benzo(a)pyrene	23.47	252	45567	0.88	ng	96
39) Dibenzo(a,h)anthracene	25.87	278	43603	0.93	ng	98
40) Benzo(g,h,i)perylene	26.55	276	45319	0.91	ng	94

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

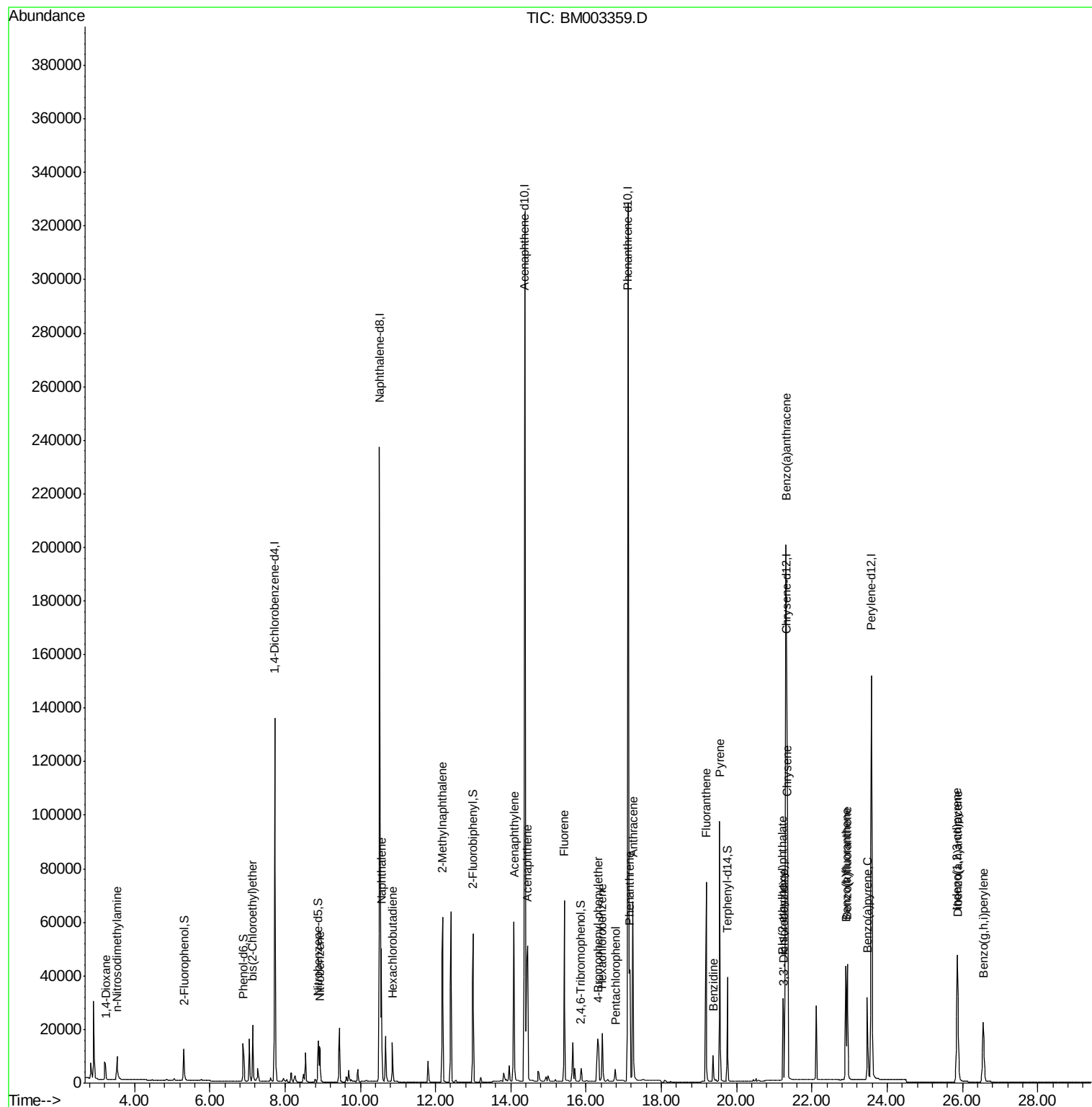
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120215\
Data File : BM003359.D
Acq On : 02 Dec 2015 16:57
Operator : UM/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

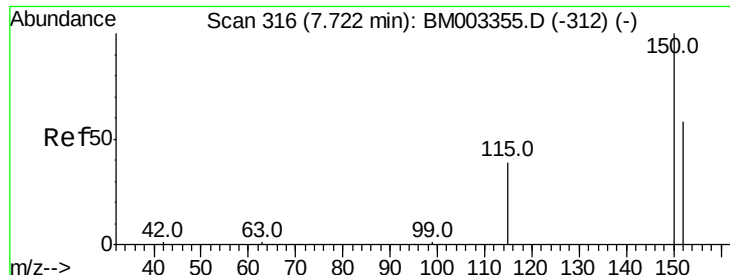
Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:07:55 PM

Quant Time: Dec 02 17:37:21 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 17:30:44 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.72 min Scan# 316

Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Instrument :

BNA_M

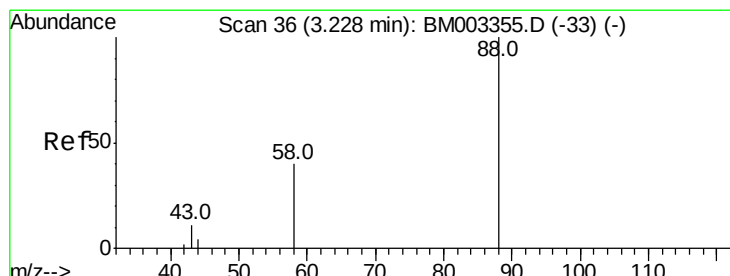
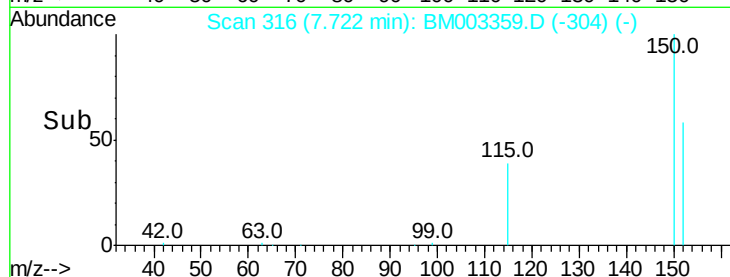
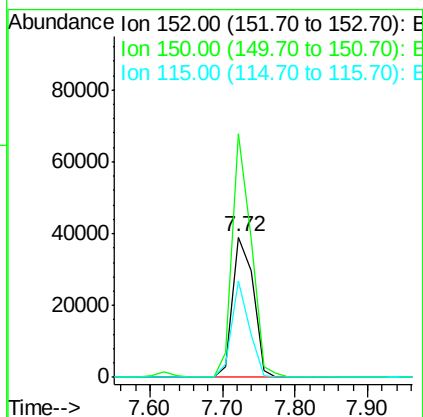
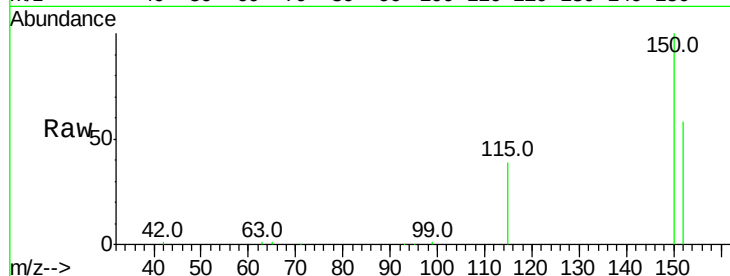
ClientSampleId :

ICVBM120215

Tot Ion:	152	Resp:	75707
Ion	Ratio	Lower	Upper
152	100		
150	173.4	143.6	215.4
115	68.2	58.5	87.7

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:07:55 PM



#2

1,4-Dioxane

Concen: 0.93 ng

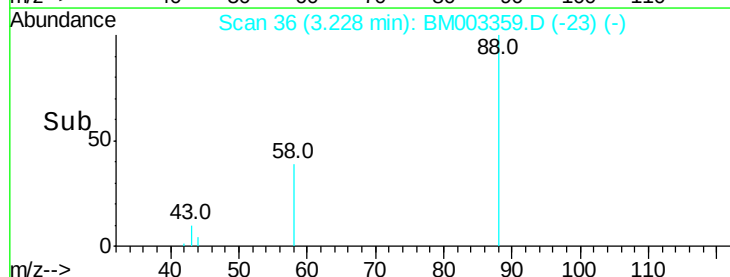
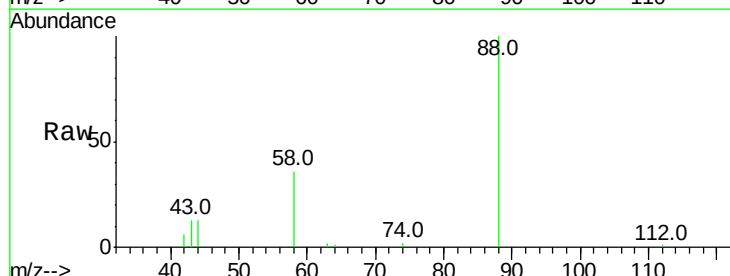
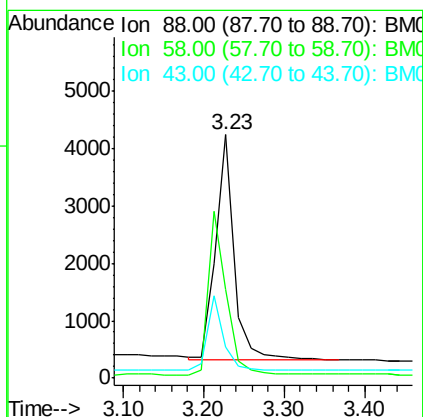
RT: 3.23 min Scan# 36

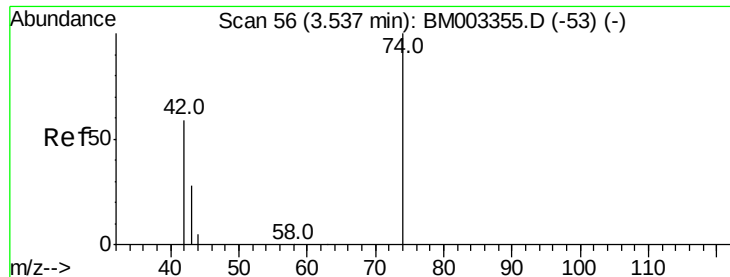
Delta R.T. 0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Tgt Ion:	88	Resp:	6303
Ion	Ratio	Lower	Upper
88	100		
58	71.0	55.2	82.8
43	29.4	21.8	32.6





#3

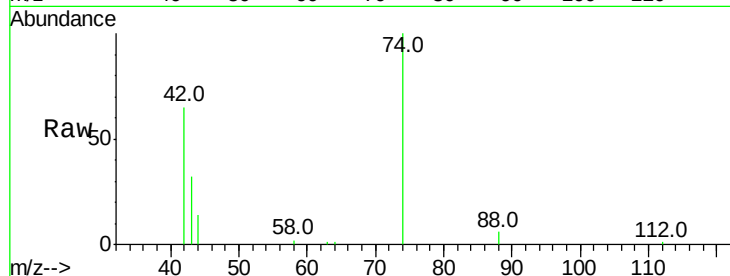
n-Nitrosodimethylamine
 Concen: 0.95 ng
 RT: 3.54 min Scan# 56
 Delta R.T. -0.00 min
 Lab File: BM003359.D
 Acq: 02 Dec 2015 16:57

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM120215

Tot Ion	Ratio	Lower	Upper
42	100		
74	127.1	101.0	151.4
44	7.4	6.3	9.5

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:07:55 PM



Abundance

Ion 42.00 (41.70 to 42.70): BM003355.D (-53) (-)

Ion 74.00 (73.70 to 74.70): BM003355.D (-53) (-)

Ion 44.00 (43.70 to 44.70): BM003355.D (-53) (-)

6000

5000

4000

3000

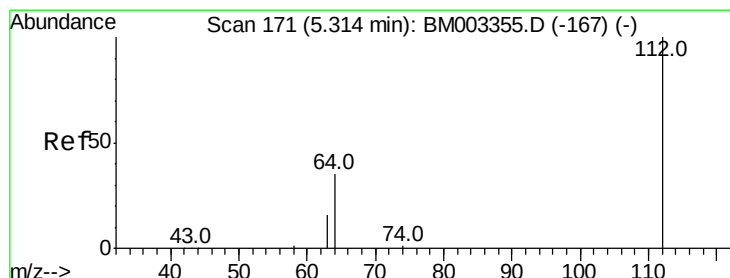
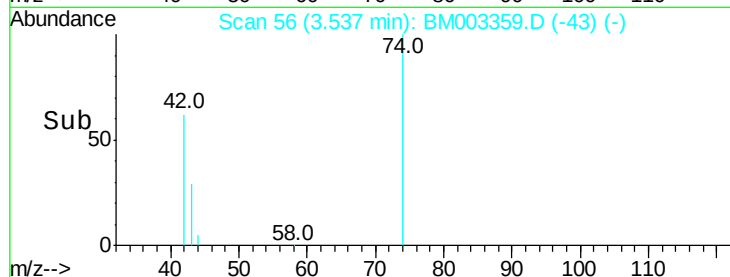
2000

1000

0

3.54

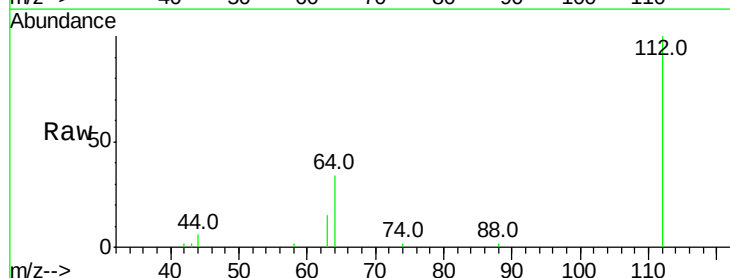
Time--> 3.40 3.50 3.60 3.70



#4

2-Fluorophenol
 Concen: 0.91 ng
 RT: 5.31 min Scan# 171
 Delta R.T. -0.00 min
 Lab File: BM003359.D
 Acq: 02 Dec 2015 16:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.2	61.8
63	26.9	21.2	31.8



Abundance

Ion 112.00 (111.70 to 112.70): BM003355.D (-167) (-)

Ion 64.00 (63.70 to 64.70): BM003355.D (-167) (-)

Ion 63.00 (62.70 to 63.70): BM003355.D (-167) (-)

10000

8000

6000

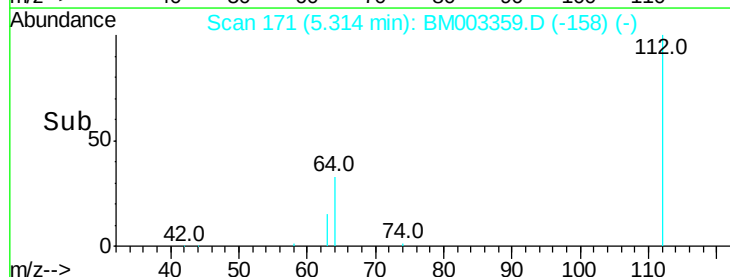
4000

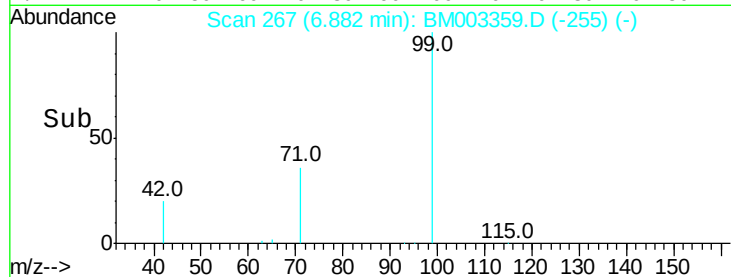
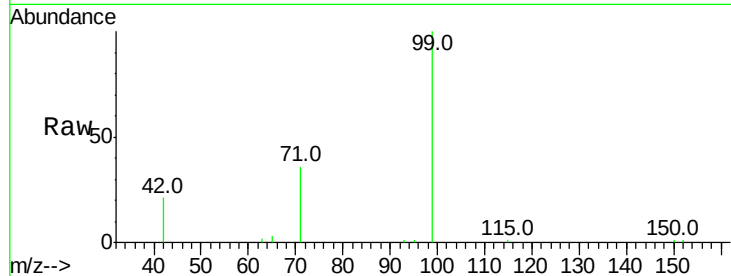
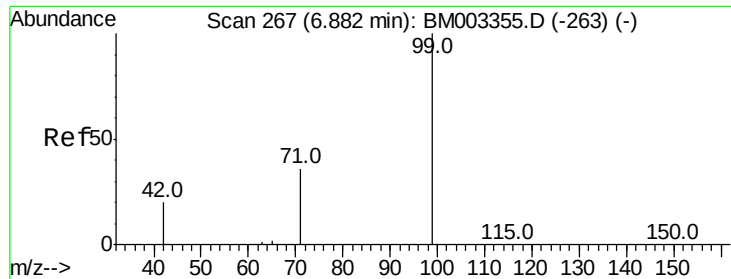
2000

0

5.31

Time--> 5.20 5.30 5.40 5.50





#5

Phenol-d6

Concen: 0.92 ng

RT: 6.88 min Scan# 267

Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Tot Ion:	99	Resp:	17072
Ion Ratio	Lower	Upper	
99	100		
42	18.5	14.6	22.0
71	29.7	23.3	34.9

Instrument :

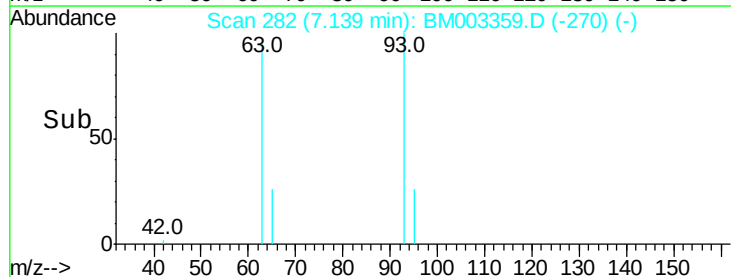
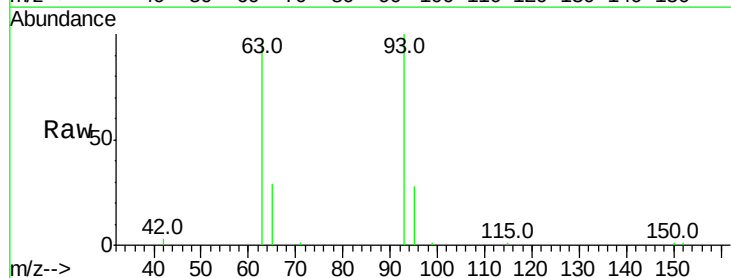
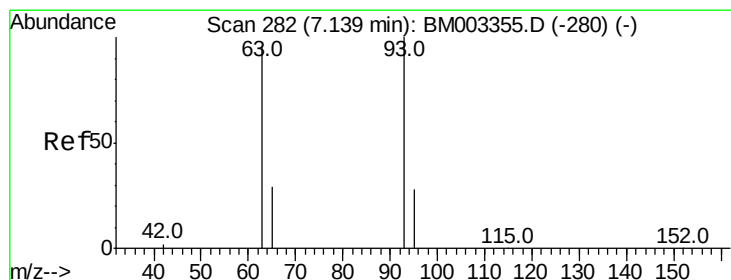
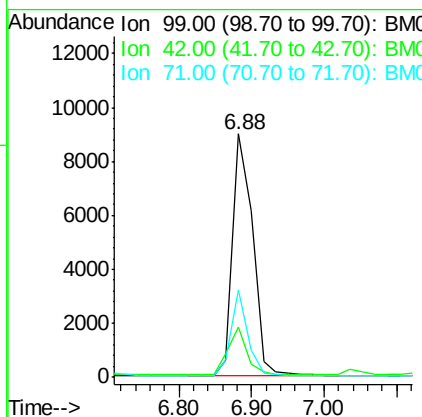
BNA_M

ClientSampleId :

ICVBM120215

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:07:55 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.95 ng

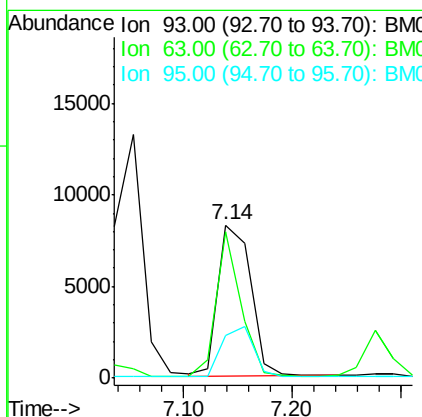
RT: 7.14 min Scan# 282

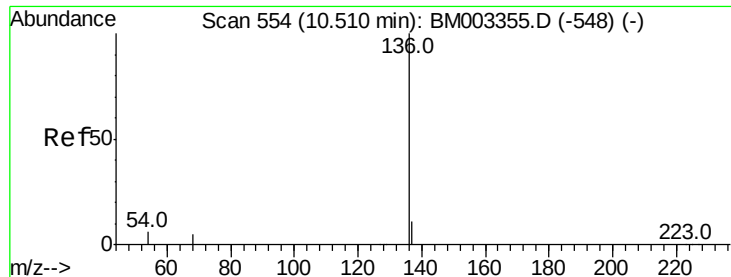
Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Tgt Ion:	93	Resp:	17224
Ion Ratio	Lower	Upper	
93	100		
63	73.0	58.2	87.4
95	32.4	26.2	39.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.51 min Scan# 554

Delta R.T. -0.00 min

Lab File: BM003359.D

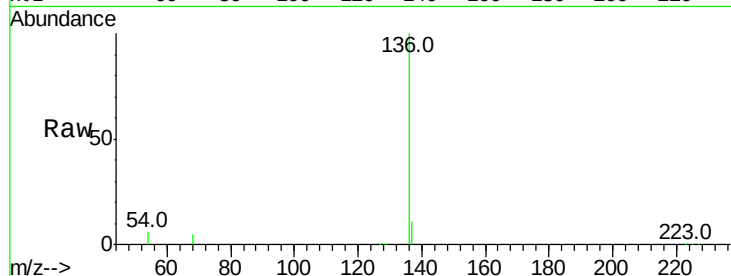
Acq: 02 Dec 2015 16:57

Instrument :

BNA_M

ClientSampleId :

ICVBM120215



Tot Ion: 136 Resp: 329898

Ion Ratio Lower Upper

136 100

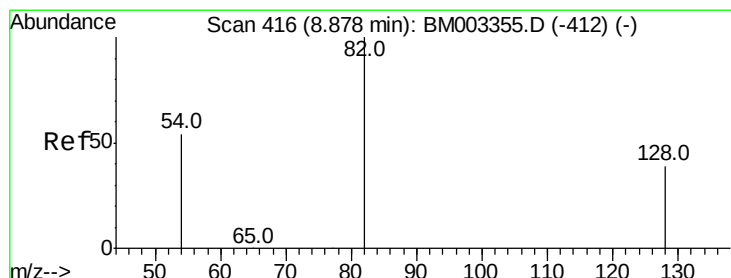
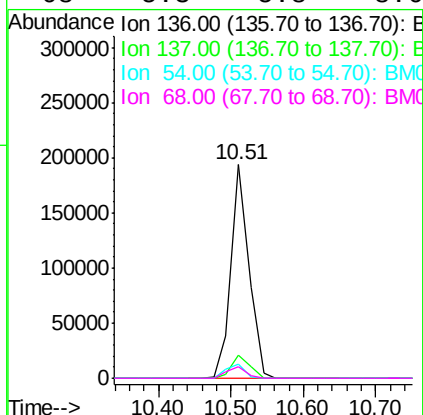
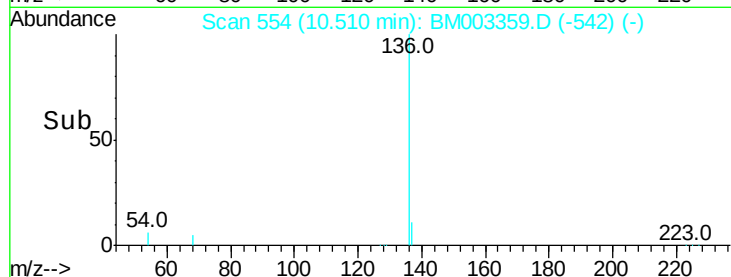
137 10.5 8.0 12.0

54 6.5 7.4 11.0#

68 5.3 5.8 8.6#

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:07:55 PM



#8

Nitrobenzene-d5

Concen: 0.92 ng

RT: 8.88 min Scan# 416

Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

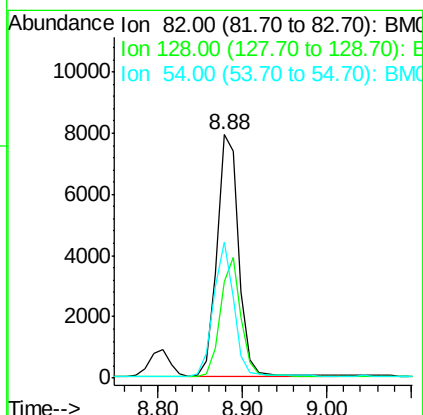
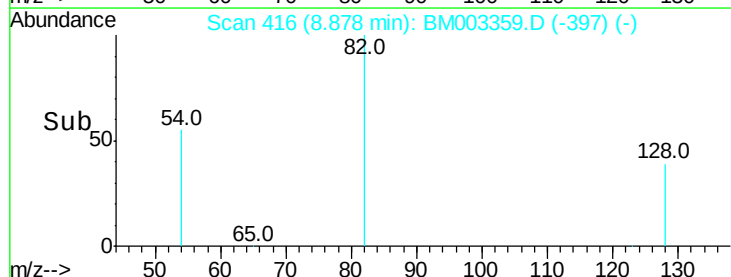
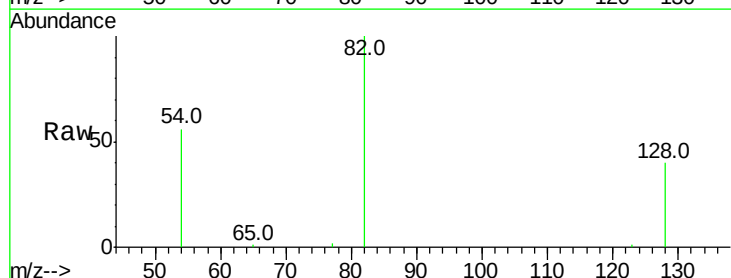
Tgt Ion: 82 Resp: 14175

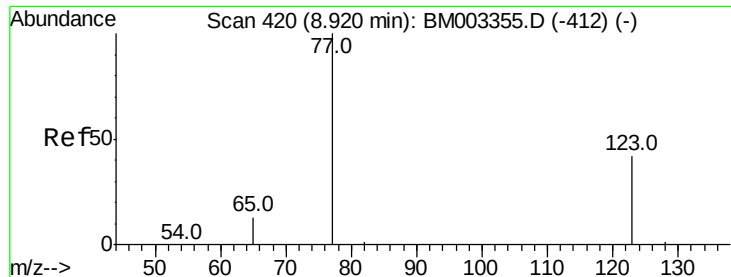
Ion Ratio Lower Upper

82 100

128 39.5 35.2 52.8

54 55.8 36.4 54.6#





#9

Nitrobenzene

Concen: 0.92 ng

RT: 8.92 min Scan# 420

Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Instrument :

BNA_M

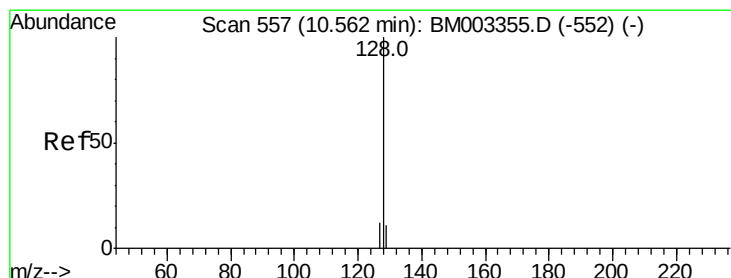
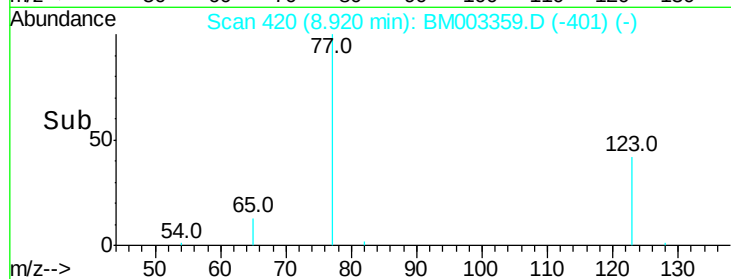
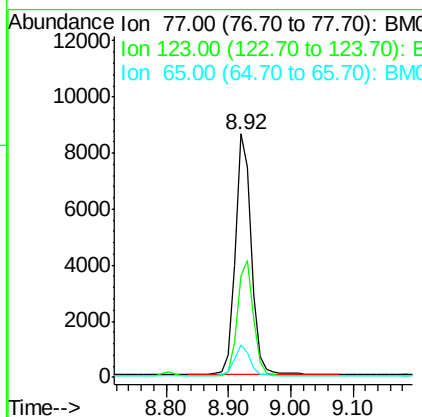
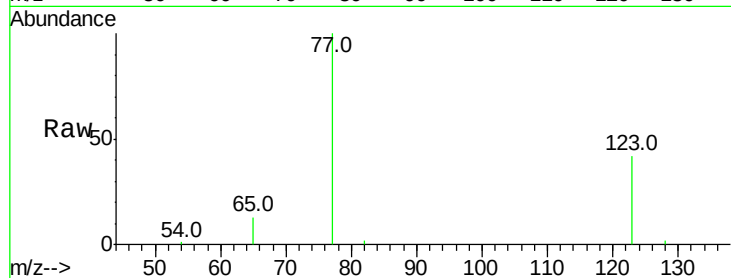
ClientSampleId :

ICVBM120215

Tot Ion:	77	Resp:	15331
Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.7	56.5
65	12.3	9.8	14.6

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:07:55 PM



#10

Naphthalene

Concen: 0.95 ng

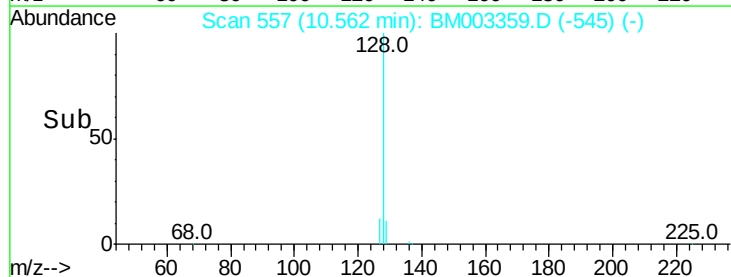
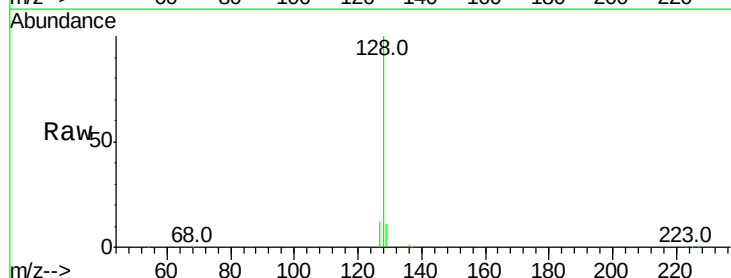
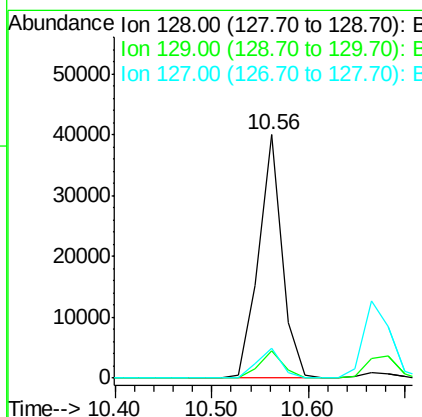
RT: 10.56 min Scan# 557

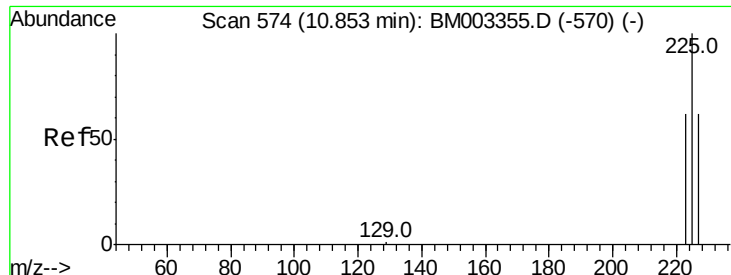
Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Tgt Ion:	128	Resp:	67268
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.5	12.7
127	12.2	10.6	16.0





#11

Hexachlorobutadiene

Concen: 0.98 ng

RT: 10.85 min Scan# 574

Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Instrument :

BNA_M

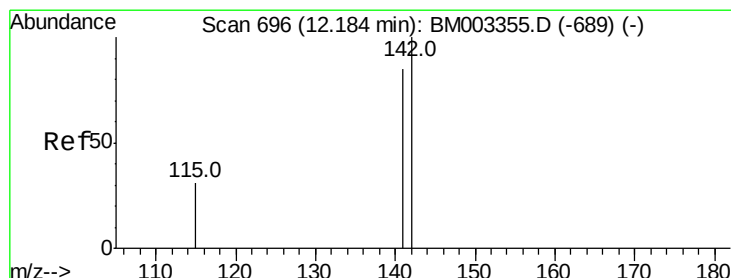
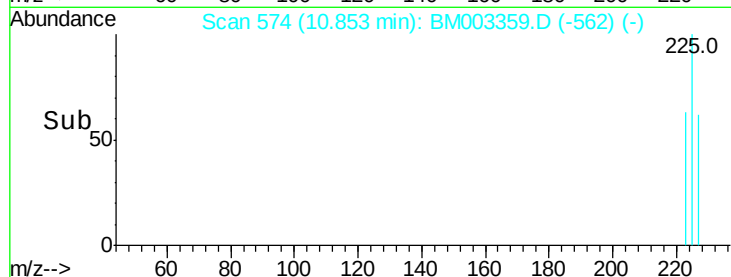
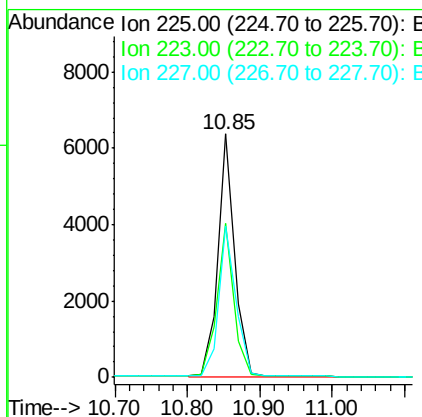
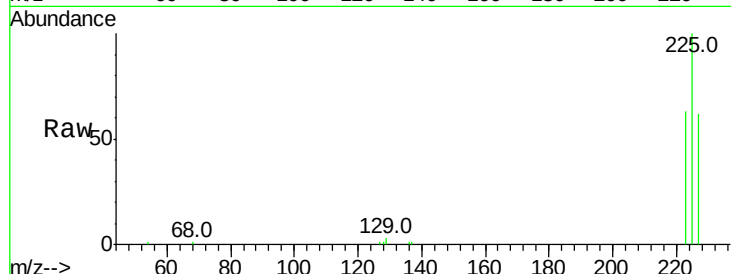
ClientSampleId :

ICVBM120215

Tot Ion:	225	Resp:	10656
Ion	Ratio	Lower	Upper
225	100		
223	65.8	53.0	79.4
227	65.5	52.2	78.4

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:07:55 PM



#12

2-Methylnaphthalene

Concen: 0.94 ng

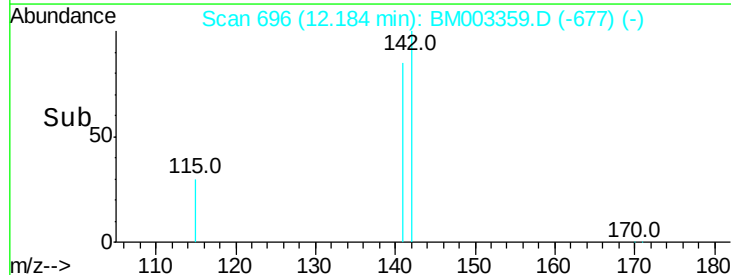
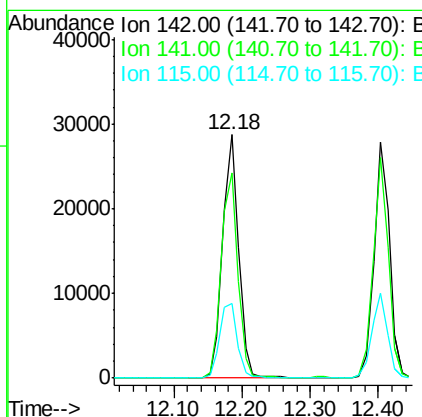
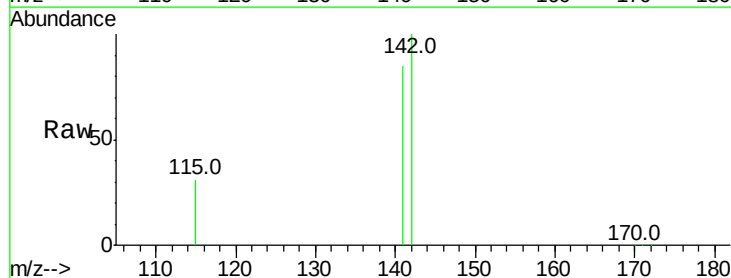
RT: 12.18 min Scan# 696

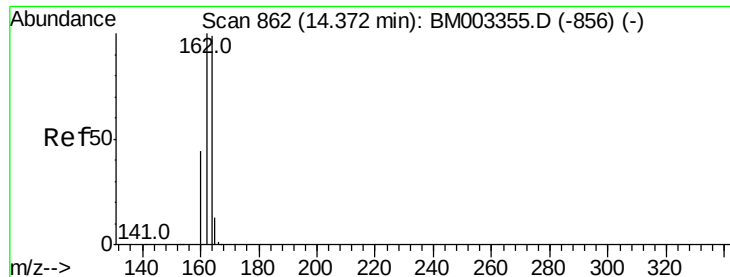
Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Tgt Ion:	142	Resp:	45944
Ion	Ratio	Lower	Upper
142	100		
141	84.5	72.2	108.2
115	30.5	28.0	42.0





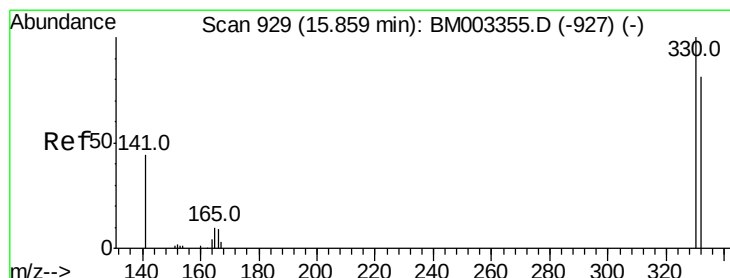
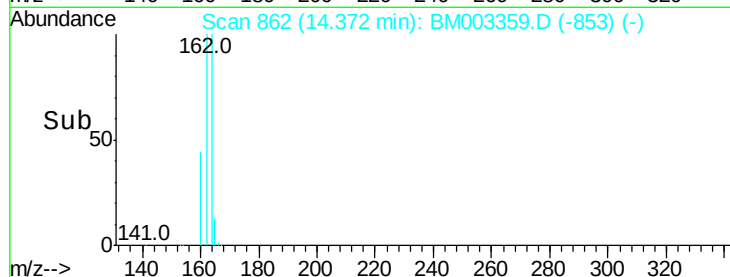
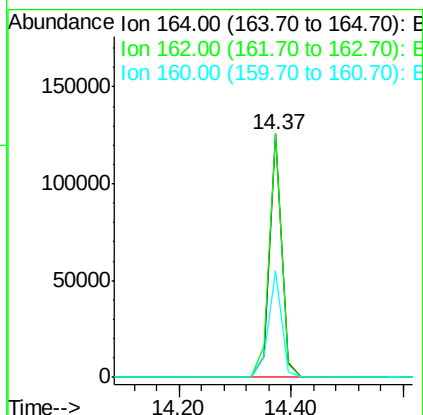
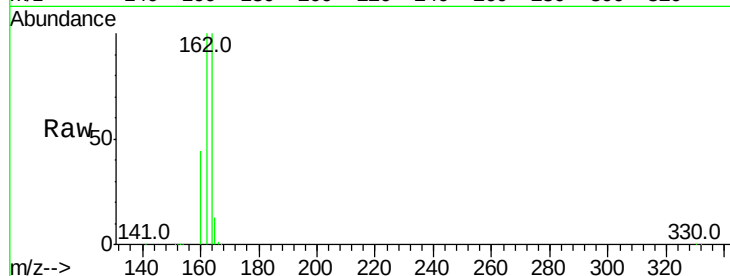
#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.37 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BM003359.D
 Acq: 02 Dec 2015 16:57

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM120215

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.3	117.5
160	43.9	33.8	50.6

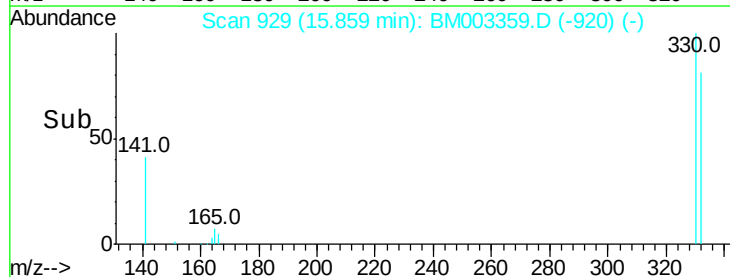
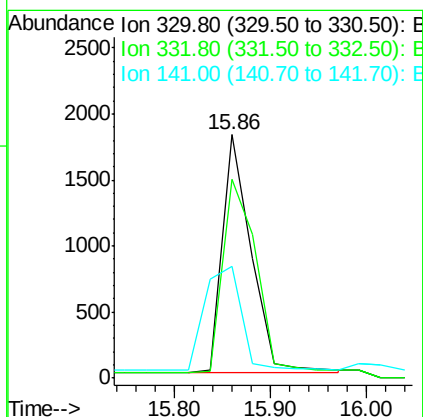
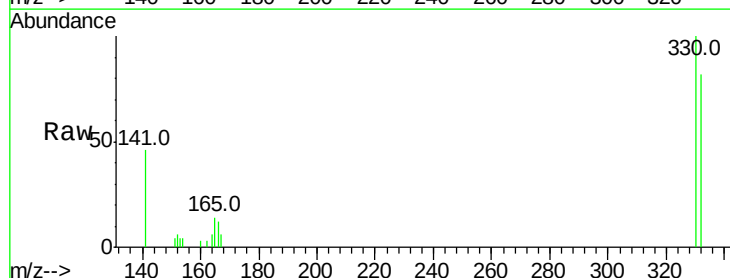
Manual Integrations
 APPROVED

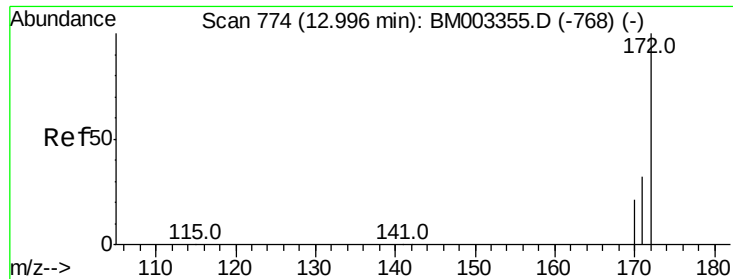
Mmdadoda
 12/3/2015 7:07:55 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.94 ng
 RT: 15.86 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BM003359.D
 Acq: 02 Dec 2015 16:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.0	114.0
141	55.7	0.0	0.0#





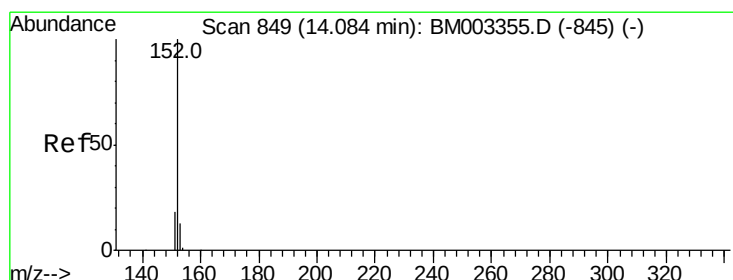
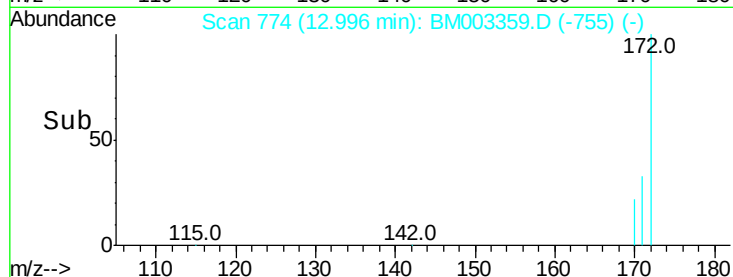
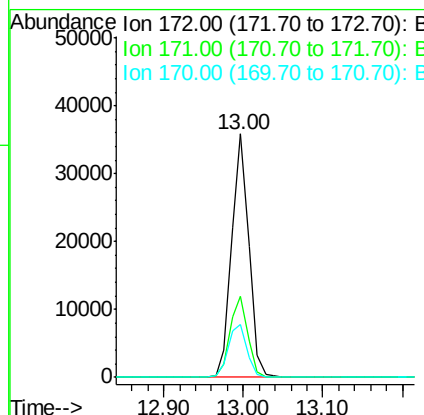
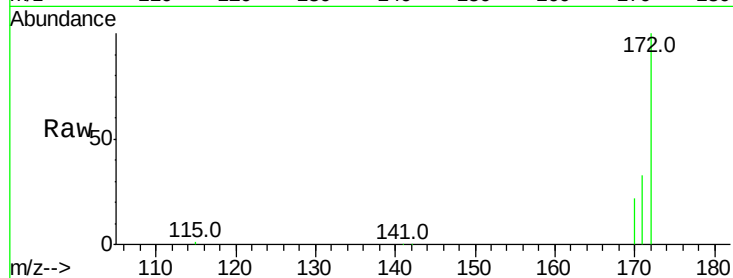
#15
2-Fluorobiphenyl
Concen: 0.92 ng
RT: 13.00 min Scan# 774
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tot Ion:	172	Resp:	53340
Ion Ratio	Lower	Upper	
172	100		
171	33.4	28.0	42.0
170	21.7	18.9	28.3

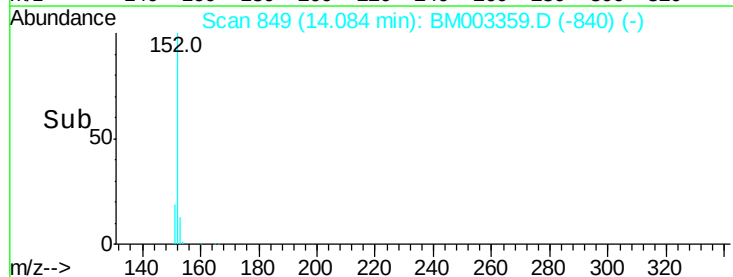
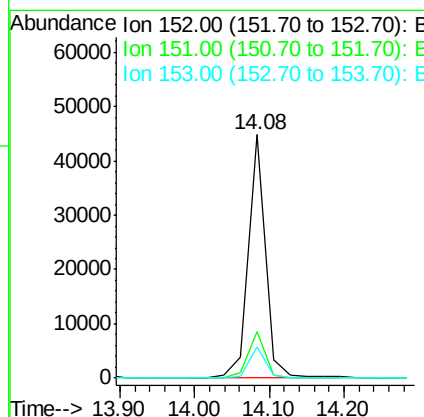
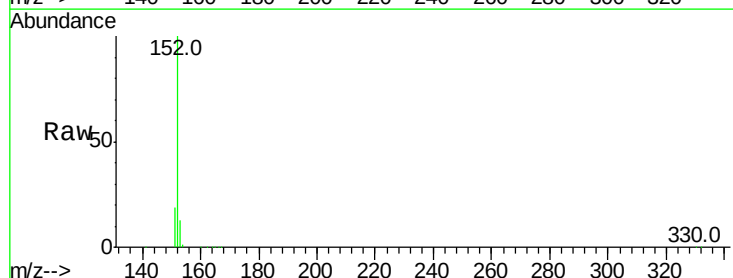
Manual Integrations
APPROVED

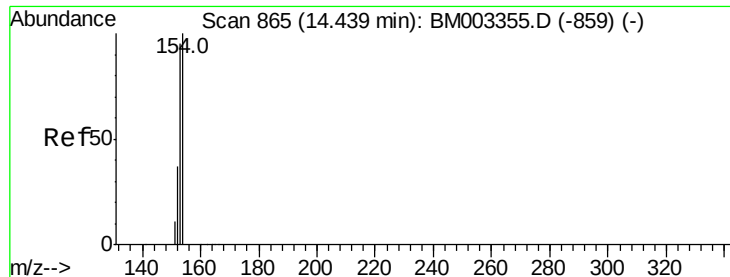
Mmdadoda
12/3/2015 7:07:55 PM



#16
Acenaphthylene
Concen: 0.94 ng
RT: 14.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:	152	Resp:	71198
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.2	22.8
153	12.9	10.4	15.6





#17

Acenaphthene

Concen: 0.90 ng

RT: 14.44 min Scan# 865

Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Instrument :

BNA_M

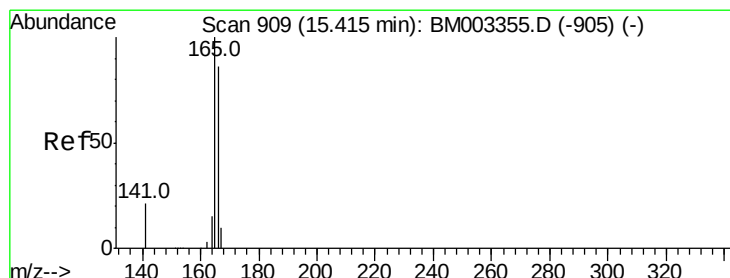
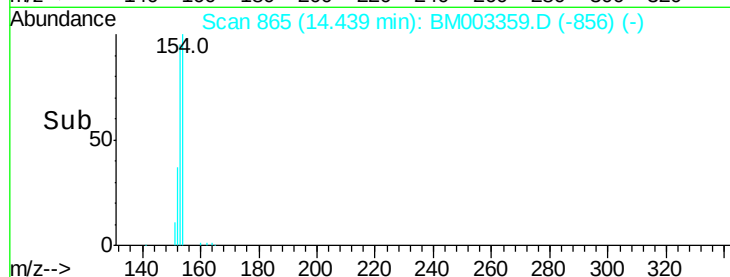
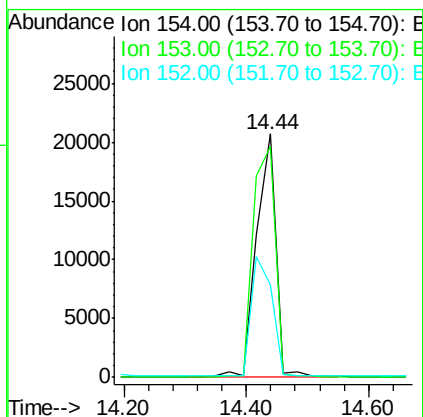
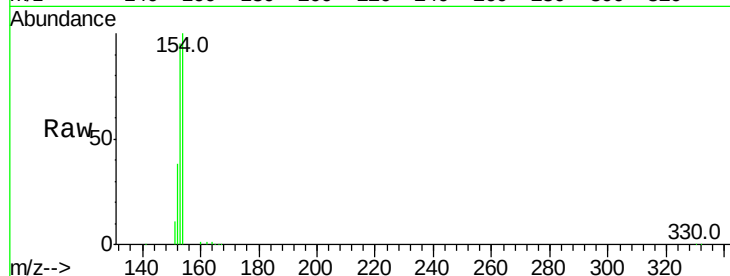
ClientSampleId :

ICVBM120215

Tot Ion:	154	Resp:	45491
Ion Ratio	Lower	Upper	
154	100		
153	108.5	0.0	0.0#
152	0.0	0.0	0.0

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:07:55 PM



#18

Fluorene

Concen: 0.91 ng

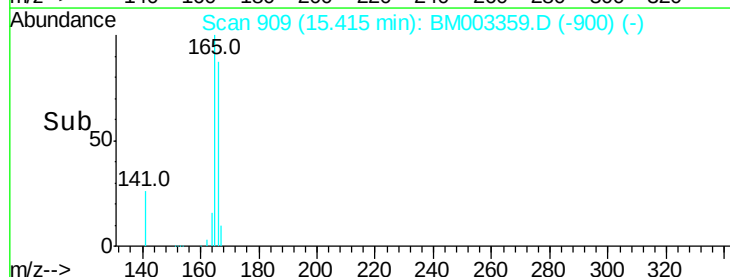
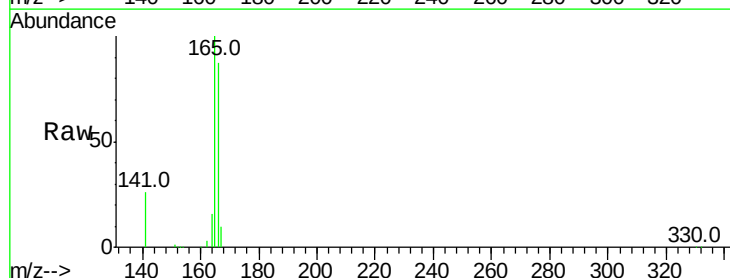
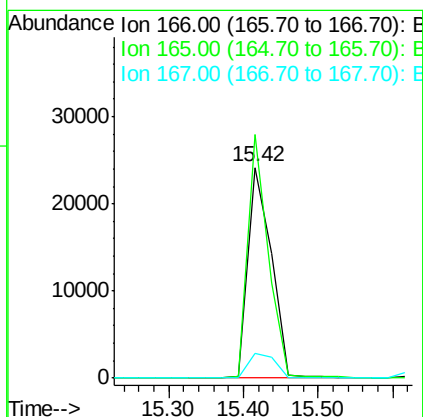
RT: 15.42 min Scan# 909

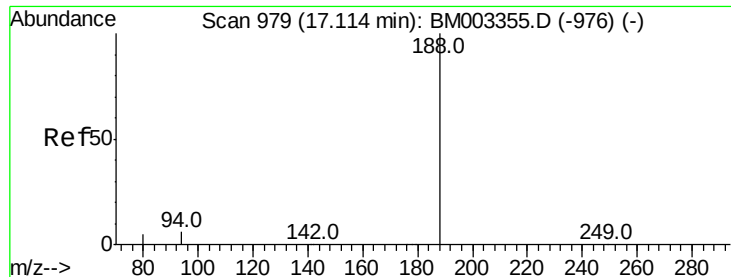
Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Tgt Ion:	166	Resp:	51942
Ion Ratio	Lower	Upper	
166	100		
165	100.9	80.8	121.2
167	13.3	10.5	15.7





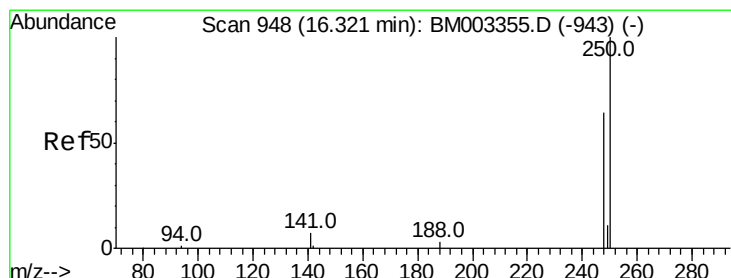
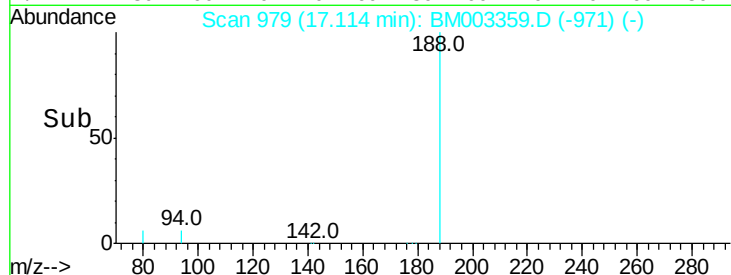
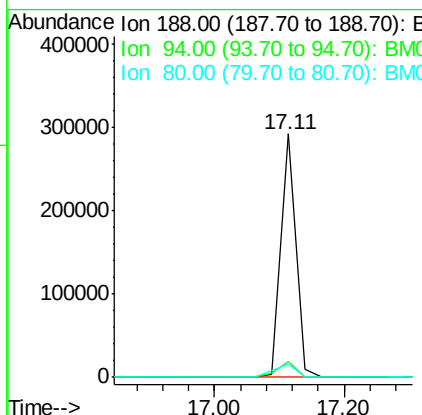
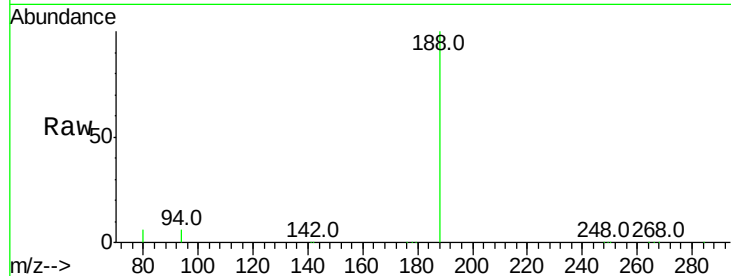
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.11 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.4	1.8	2.6#
80	5.6	1.4	2.0#

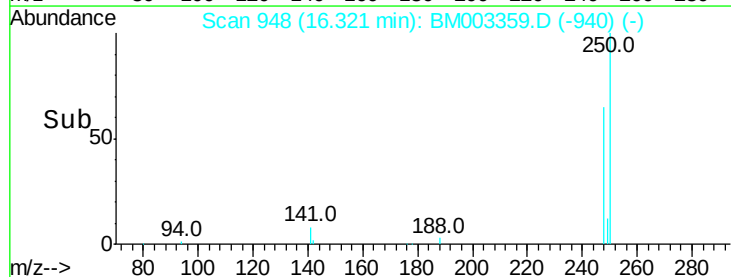
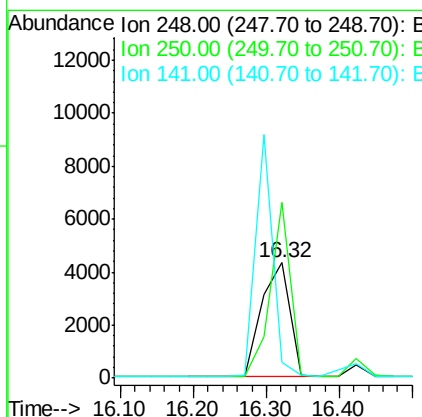
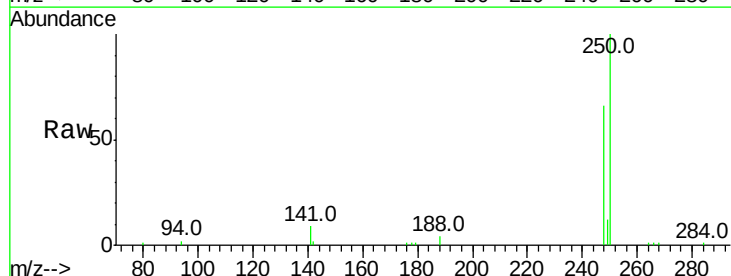
Manual Integrations
APPROVED

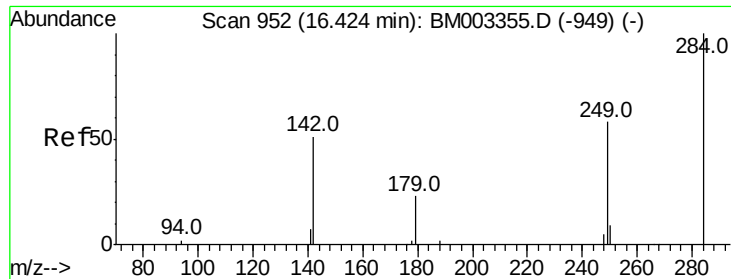
Mmdadoda
12/3/2015 7:07:55 PM



#20
4-Bromophenyl-phenylether
Concen: 0.85 ng
RT: 16.32 min Scan# 948
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	109.3	65.4	98.0#
141	0.0	72.8	109.2#





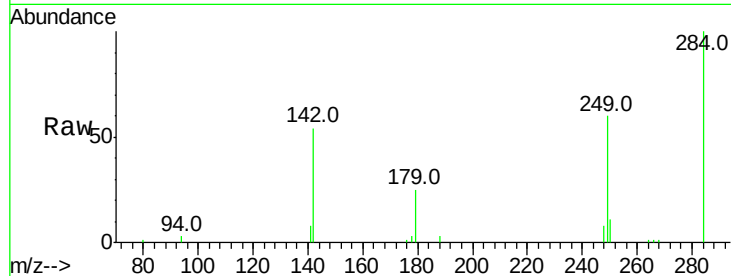
#21
Hexachlorobenzene
Concen: 0.92 ng
RT: 16.42 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

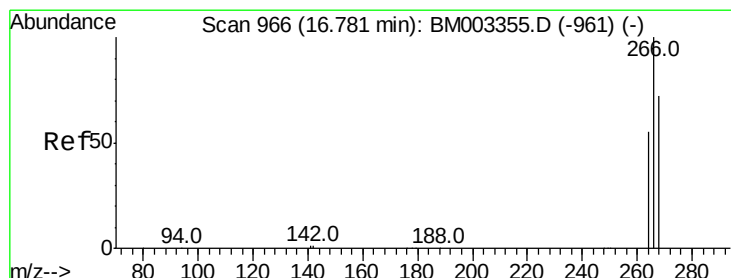
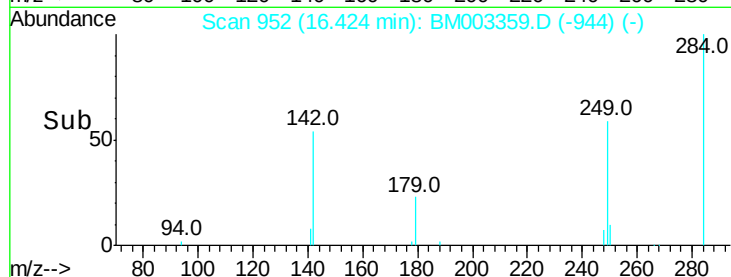
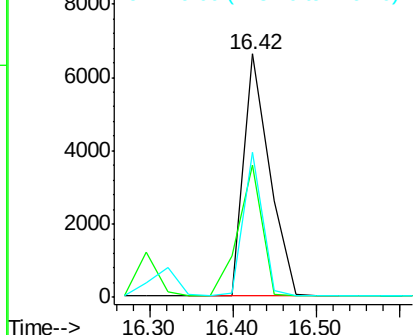
Tot Ion	Ratio	Lower	Upper
284	100		
142	50.3	0.0	0.0#
249	44.5	19.4	29.2#

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:07:55 PM

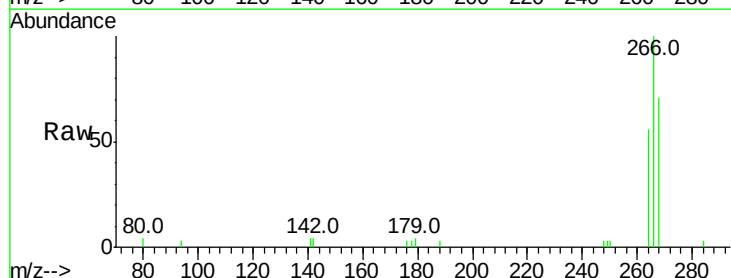


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

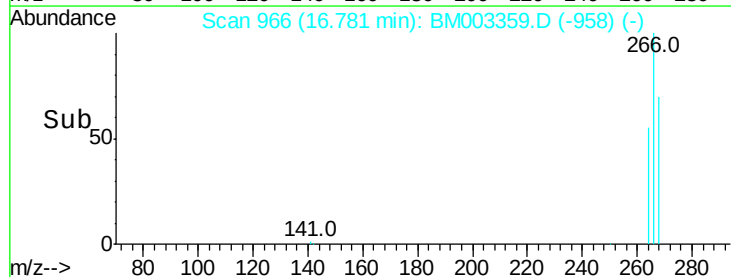
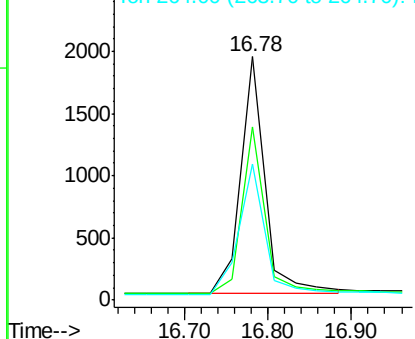


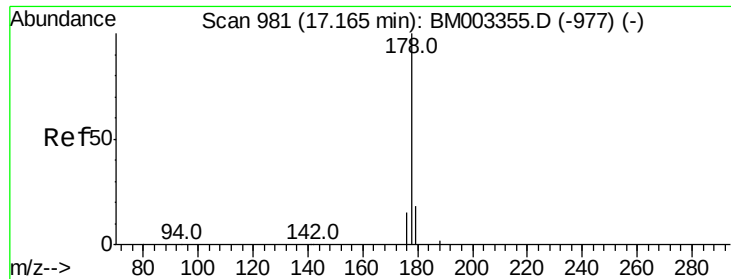
#22
Pentachlorophenol
Concen: 0.85 ng
RT: 16.78 min Scan# 966
Delta R.T. 0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	71.2	45.8	68.8#
264	55.8	56.7	85.1#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.90 ng m

RT: 17.16 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Instrument :

BNA_M

ClientSampleId :

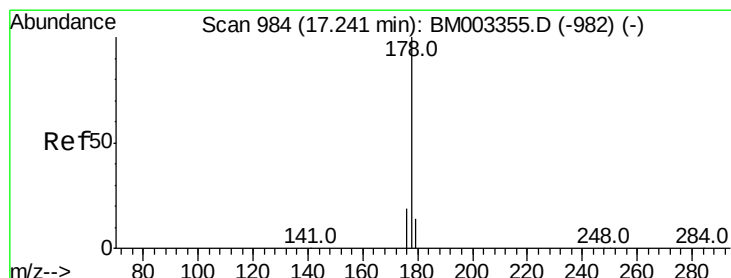
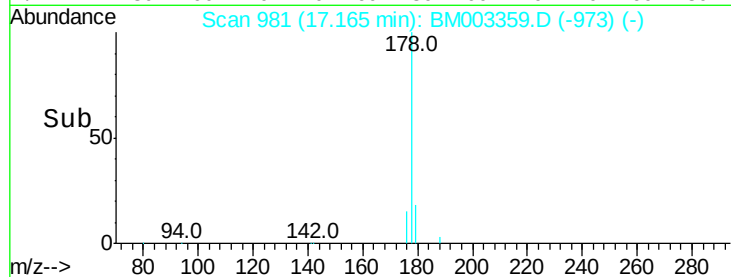
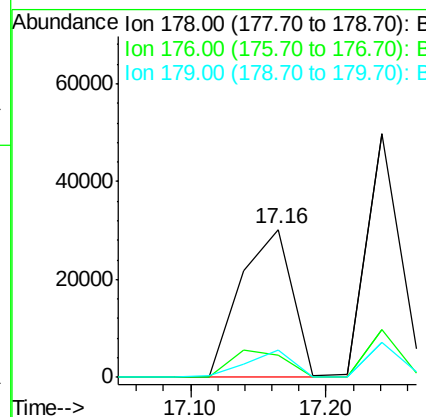
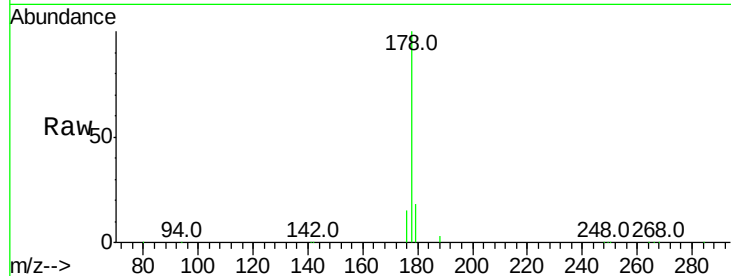
ICVBM120215

Tot Ion:178 Resp: 81552

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.1	11.7	17.5

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:07:55 PM



#24

Anthracene

Concen: 0.90 ng

RT: 17.24 min Scan# 984

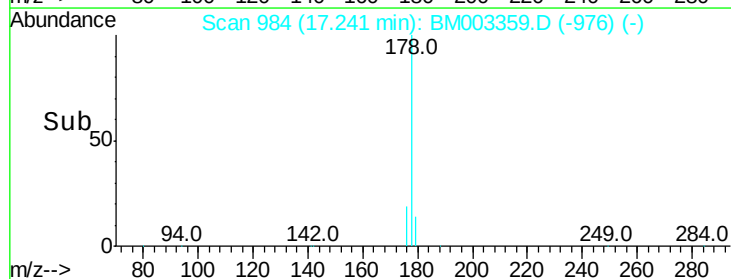
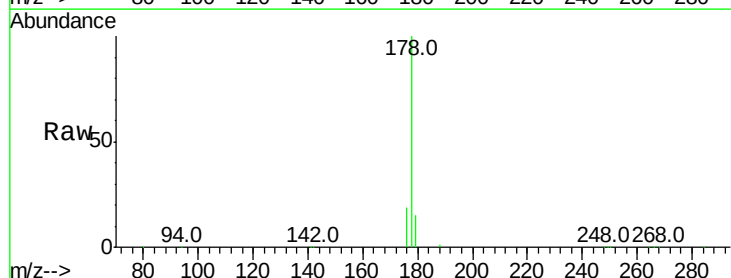
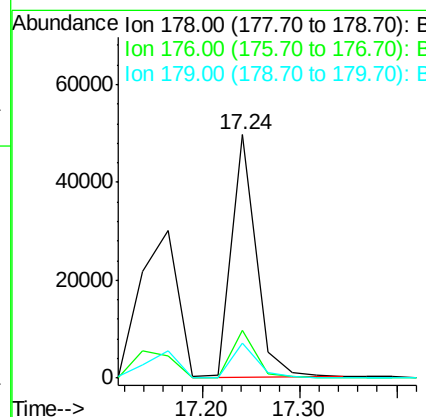
Delta R.T. -0.00 min

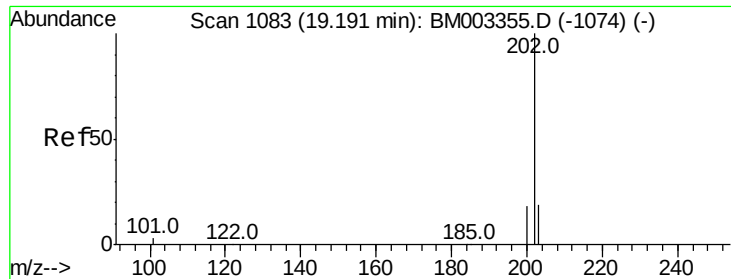
Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Tgt Ion:178 Resp: 85910

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.1	21.1
179	14.8	12.8	19.2





#25

Fluoranthene

Concen: 0.90 ng

RT: 19.19 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Instrument :

BNA_M

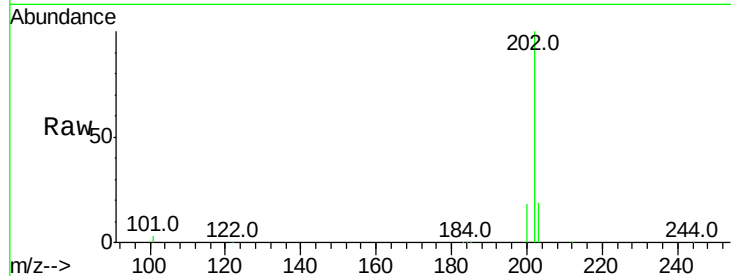
ClientSampleId :

ICVBM120215

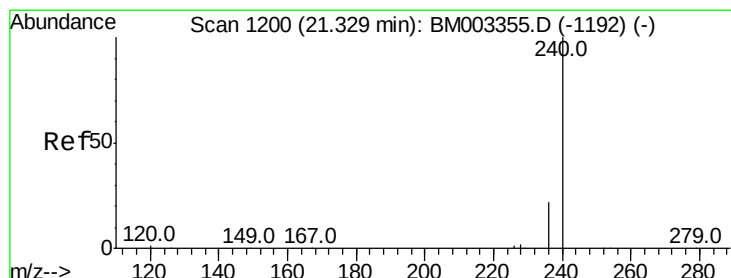
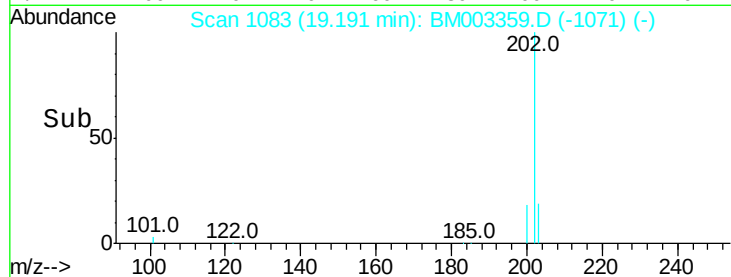
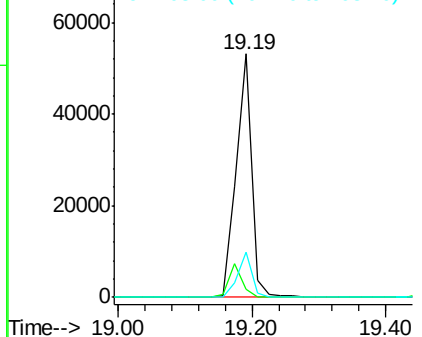
Tot Ion:	202	Resp:	84989
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.9	14.9
203	17.3	13.9	20.9

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:07:55 PM



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



#26

Chrysene-d12

Concen: 5.00 ng

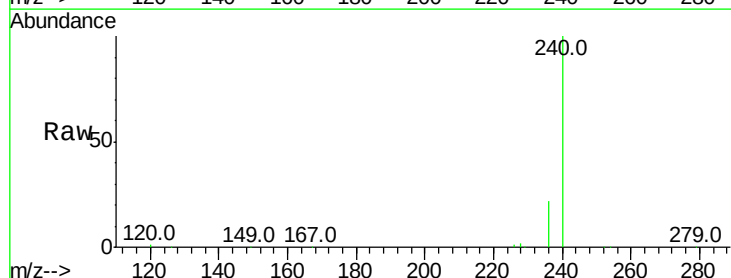
RT: 21.33 min Scan# 1200

Delta R.T. -0.00 min

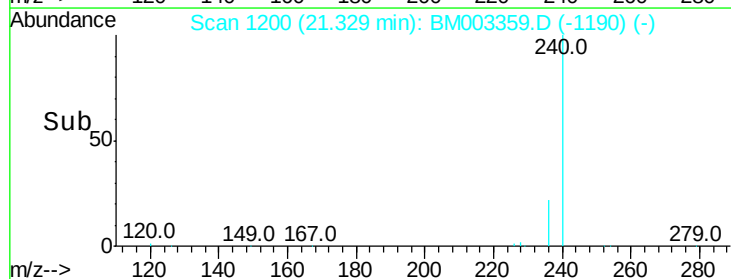
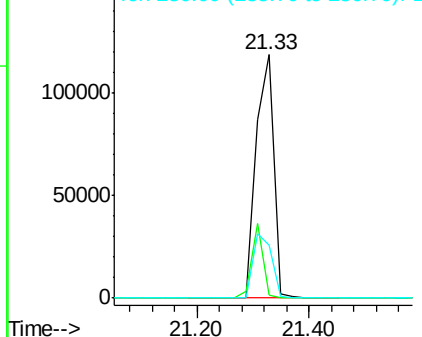
Lab File: BM003359.D

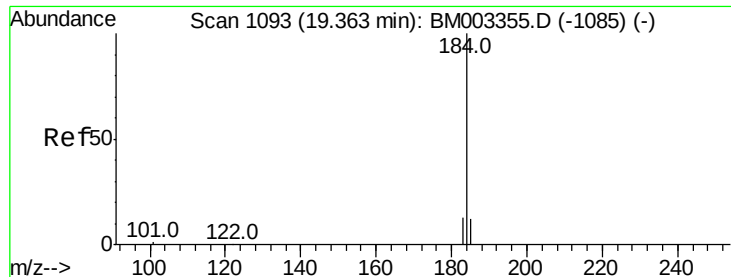
Acq: 02 Dec 2015 16:57

Tgt Ion:	240	Resp:	257629
Ion Ratio	Lower	Upper	
240	100		
120	1.1	1.0	1.4
236	22.0	17.9	26.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.93 ng

RT: 19.38 min Scan# 1094

Delta R.T. 0.02 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Instrument :

BNA_M

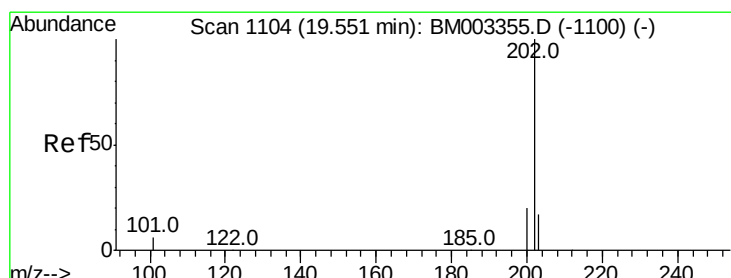
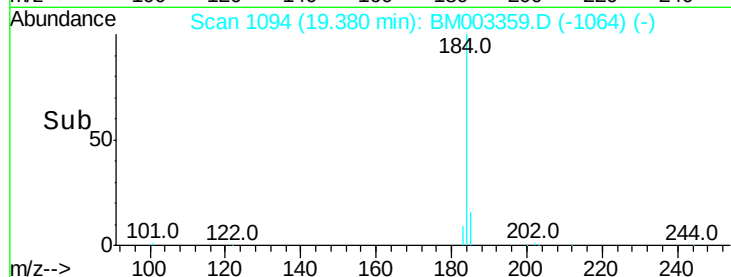
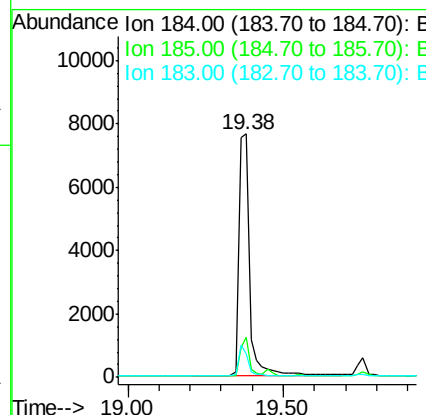
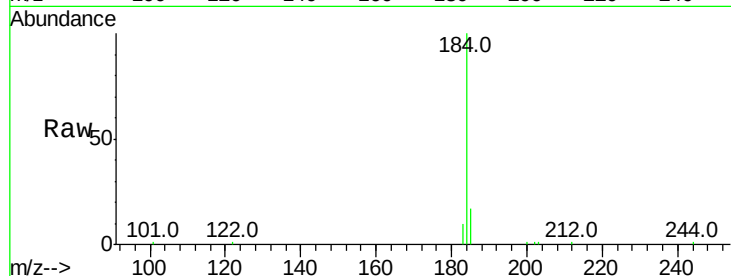
ClientSampleId :

ICVBM120215

Tot Ion:	184	Resp:	18864
Ion Ratio	Lower	Upper	
184	100		
185	16.7	11.6	17.4
183	9.8	8.6	13.0

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:07:55 PM



#28

Pyrene

Concen: 0.98 ng

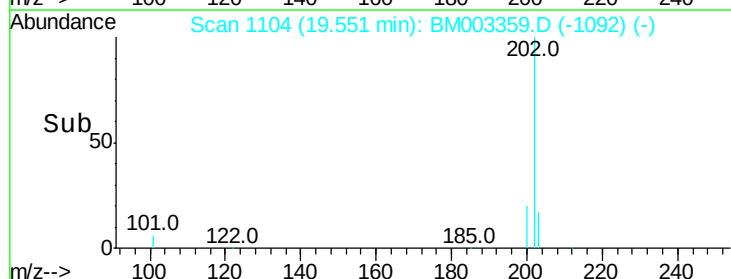
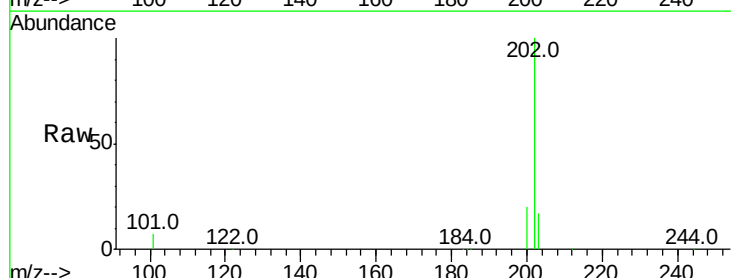
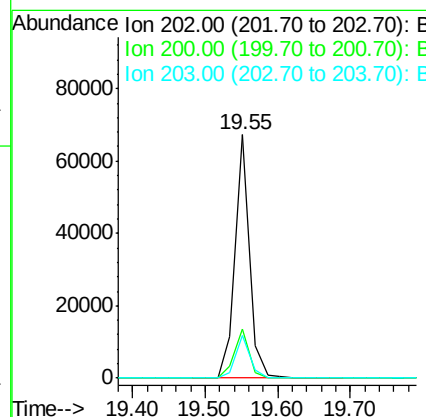
RT: 19.55 min Scan# 1104

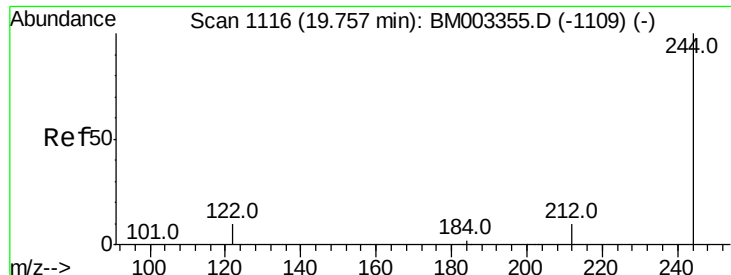
Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Tgt Ion:	202	Resp:	91418
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.7	25.1
203	17.4	13.8	20.6





#29

Terphenyl-d14

Concen: 1.02 ng

RT: 19.76 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Instrument :

BNA_M

ClientSampleId :

ICVBM120215

Tot Ion:244 Resp: 42694

Ion Ratio Lower Upper

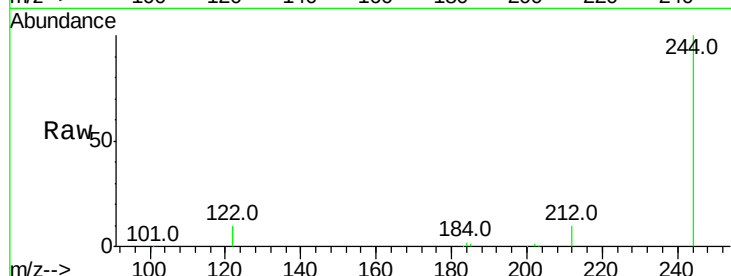
244 100

212 10.2 6.5 9.7#

122 9.8 2.0 3.0#

Manual Integrations
APPROVED

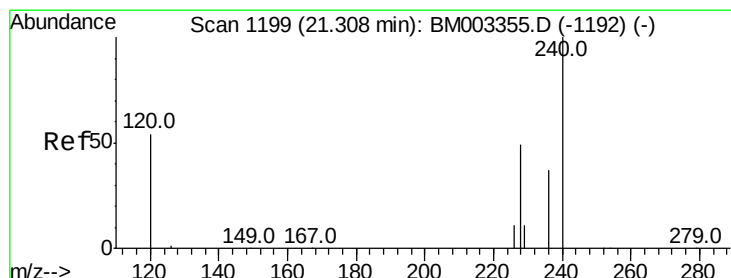
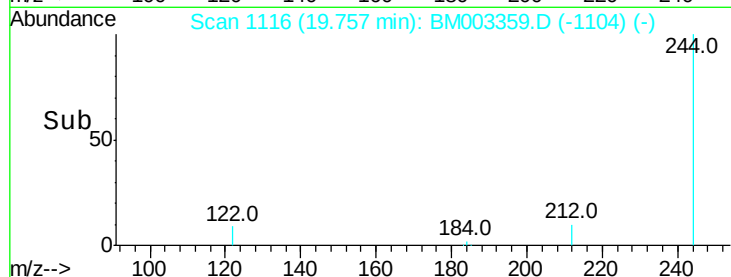
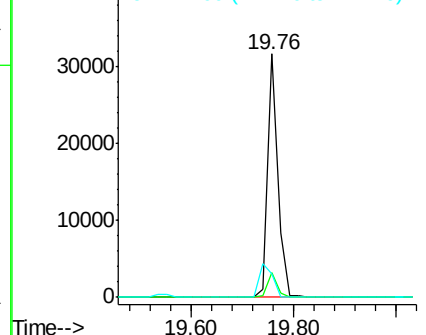
Mmdadoda
12/3/2015 7:07:55 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.90 ng

RT: 21.31 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

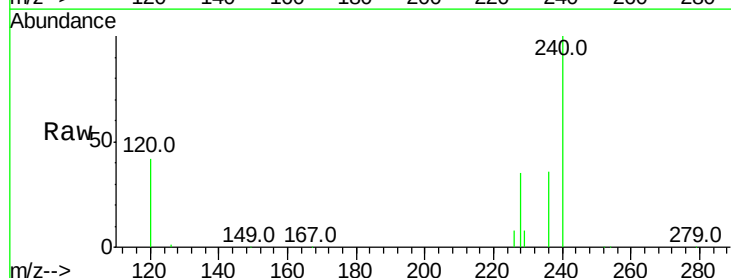
Tgt Ion:228 Resp: 62867

Ion Ratio Lower Upper

228 100

226 21.7 17.8 26.6

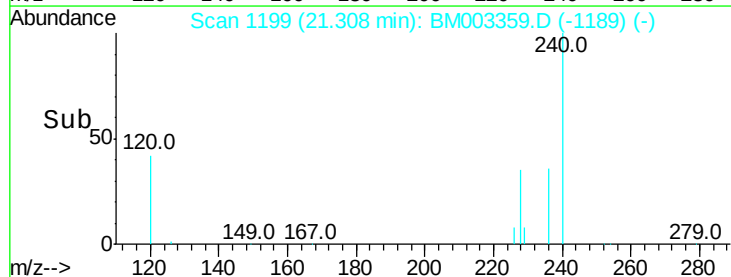
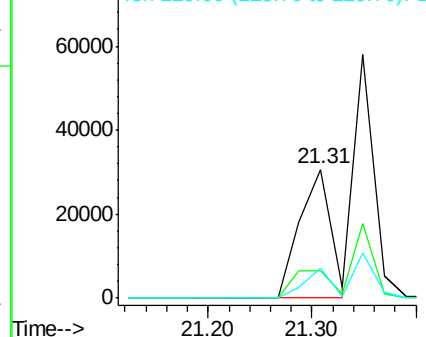
229 23.0 18.0 27.0

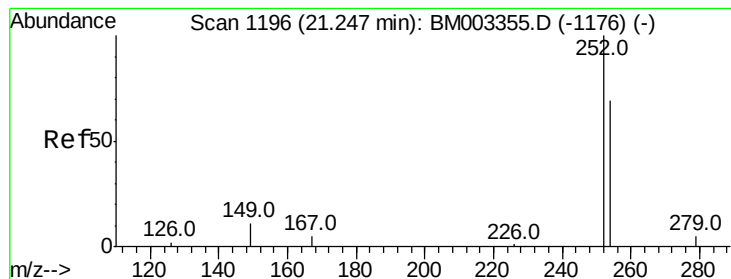


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





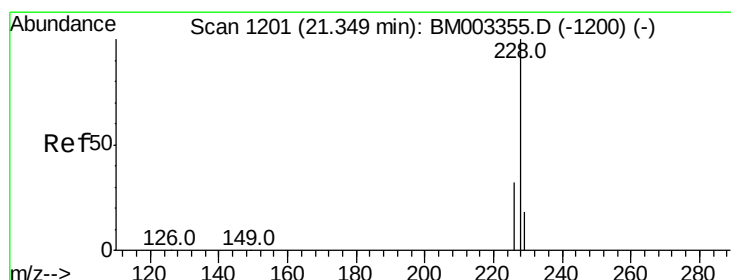
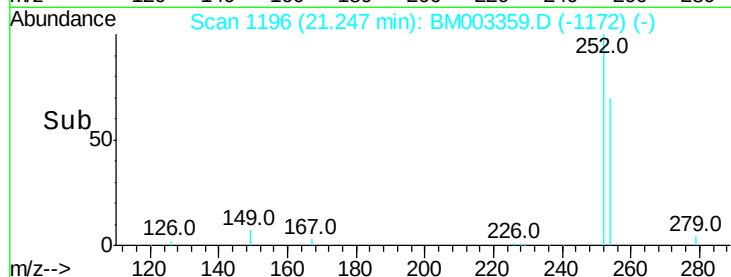
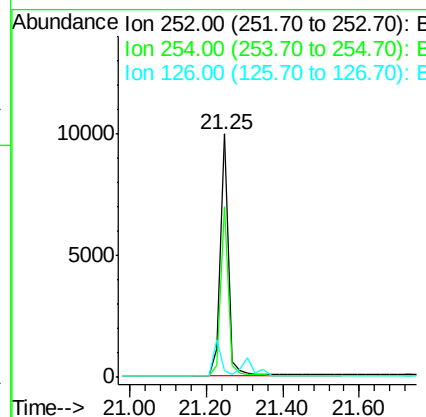
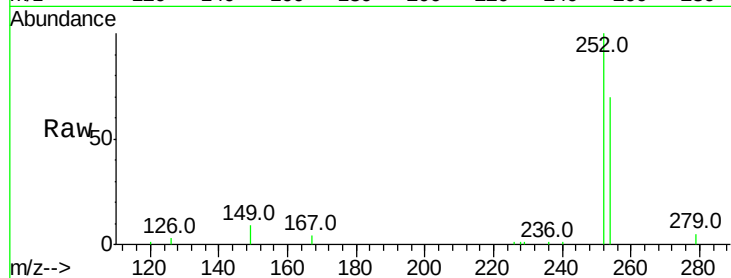
#31
 3,3'-Dichlorobenzidine
 Concen: 0.81 ng
 RT: 21.25 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BM003359.D
 Acq: 02 Dec 2015 16:57

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM120215

Tot Ion	Ratio	Lower	Upper
252	100		
254	70.0	53.7	80.5
126	3.0	2.8	4.2

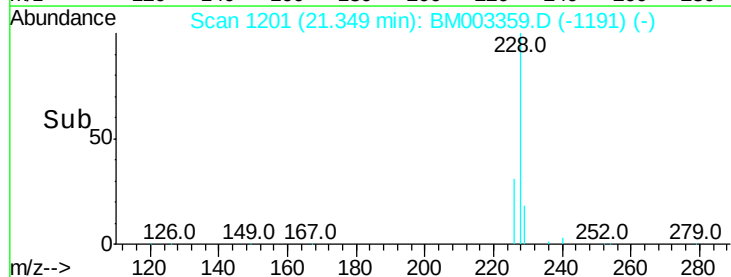
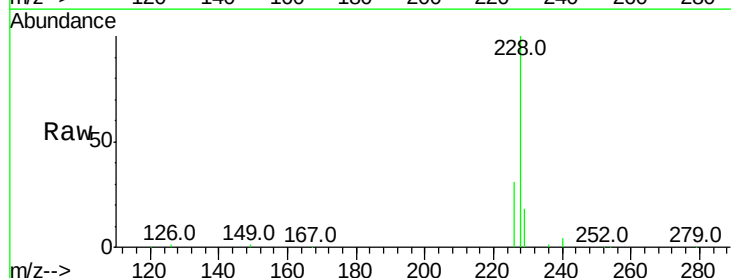
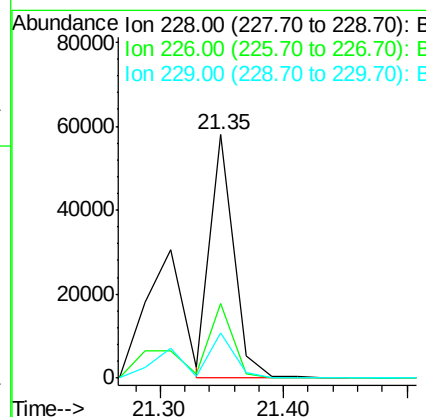
Manual Integrations
 APPROVED

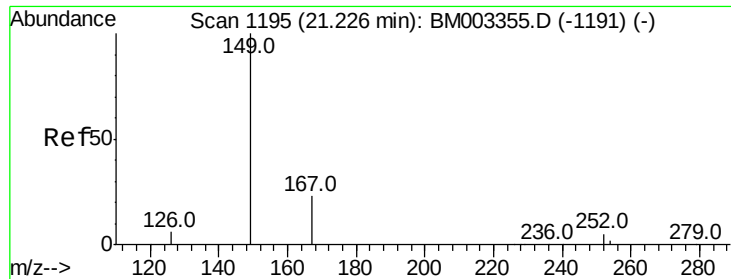
Mmdadoda
 12/3/2015 7:07:55 PM



#32
 Chrysene
 Concen: 0.99 ng m
 RT: 21.35 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BM003359.D
 Acq: 02 Dec 2015 16:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.5	38.3
229	18.3	14.3	21.5





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.86 ng

RT: 21.23 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Instrument :

BNA_M

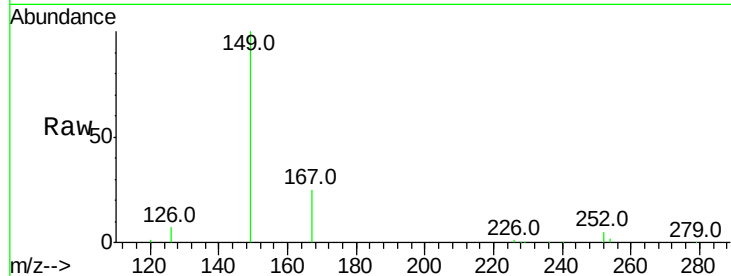
ClientSampleId :

ICVBM120215

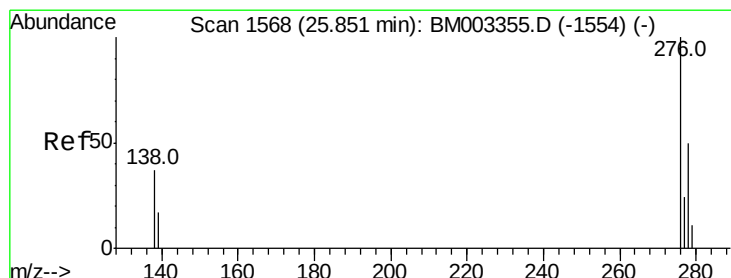
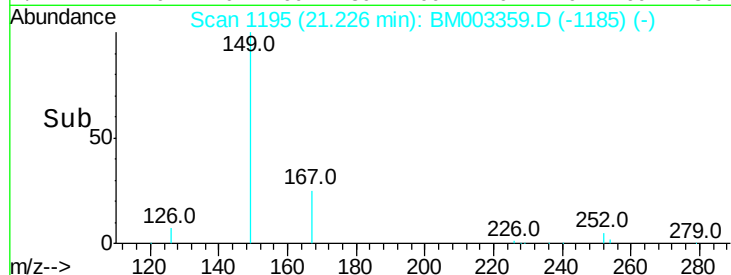
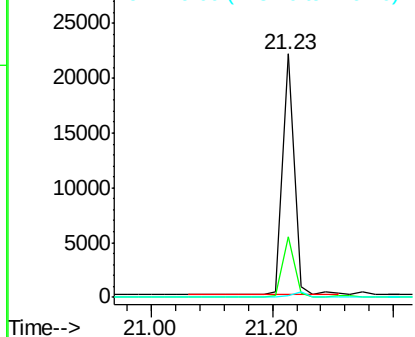
Tot Ion:	149	Resp:	28910
Ion Ratio	Lower	Upper	
149	100		
167	24.9	19.6	29.4
279	0.0	0.0	0.0

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:07:55 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.90 ng

RT: 25.86 min Scan# 1569

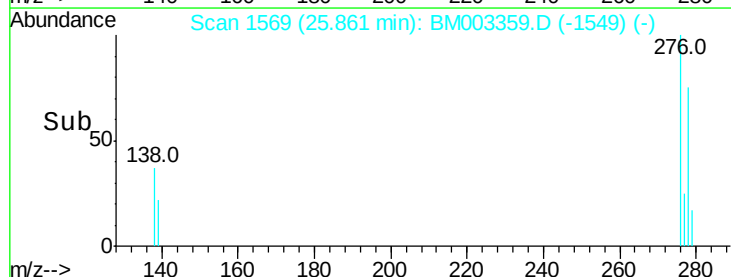
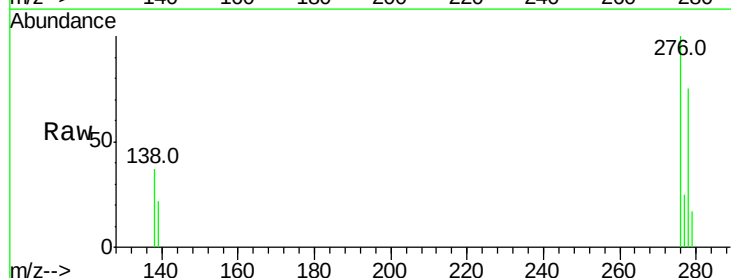
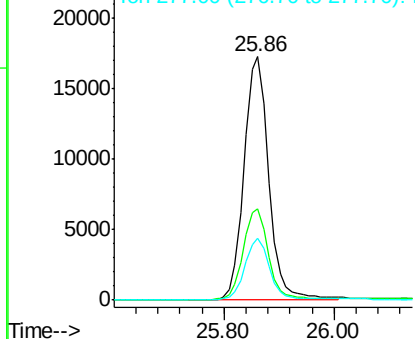
Delta R.T. 0.01 min

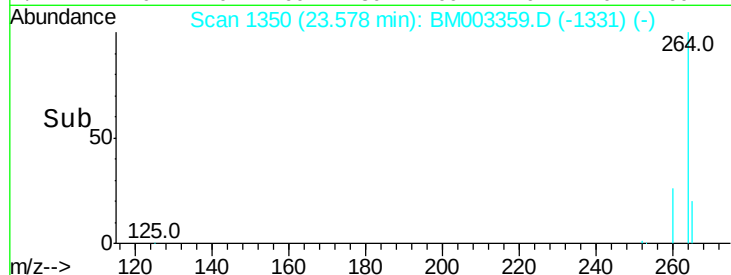
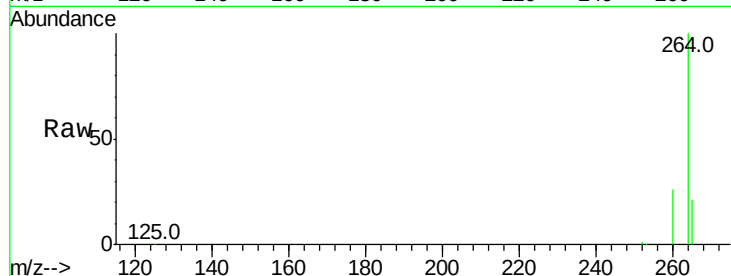
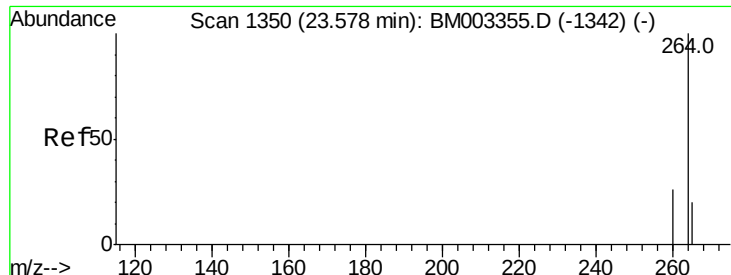
Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Tgt Ion:	276	Resp:	53703
Ion Ratio	Lower	Upper	
276	100		
138	37.6	19.1	28.7#
277	24.9	15.9	23.9#

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





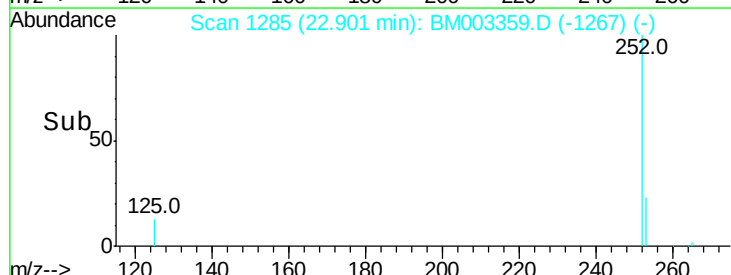
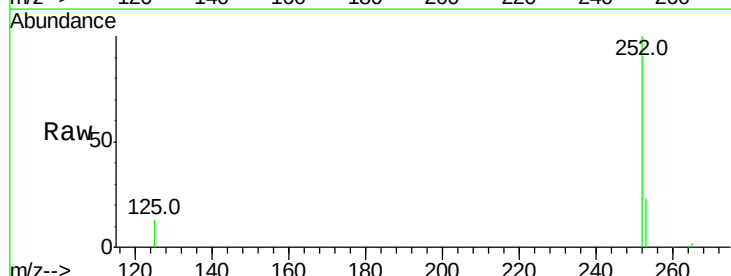
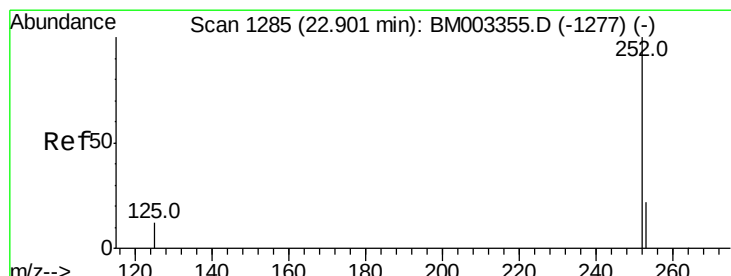
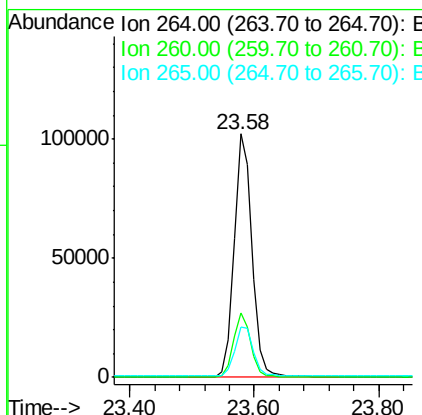
#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.58 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tot Ion:	264	Resp:	206757
Ion Ratio	Lower	Upper	
264	100		
260	26.3	19.6	29.4
265	20.9	18.4	27.6

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

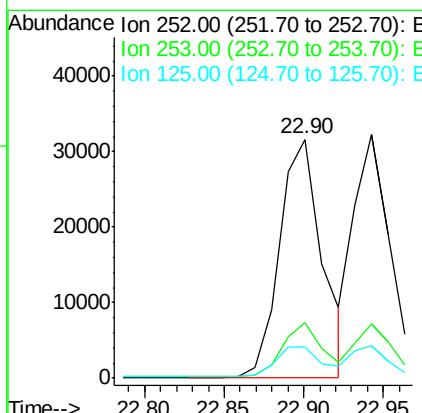
Manual Integrations
APPROVED

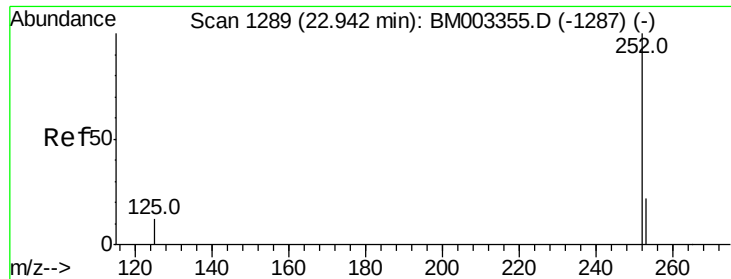
Mmdadoda
12/3/2015 7:07:55 PM



#36
Benzo(b)fluoranthene
Concen: 0.93 ng
RT: 22.90 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:	252	Resp:	58432
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.4
125	12.9	10.3	15.5





#37

Benzo(k)fluoranthene

Concen: 0.92 ng

RT: 22.94 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Instrument :

BNA_M

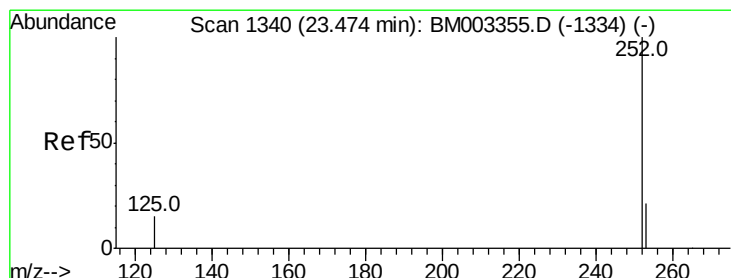
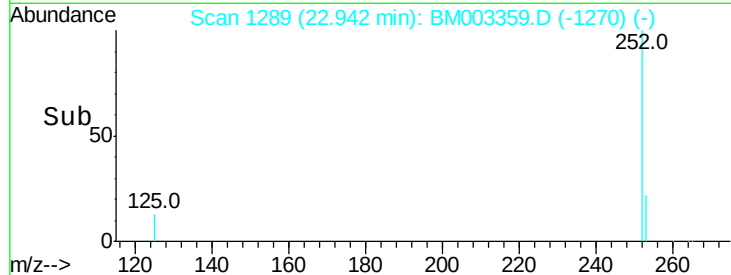
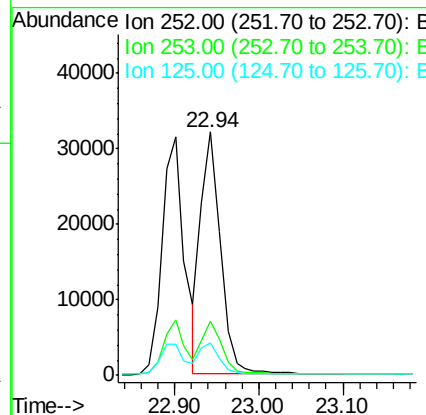
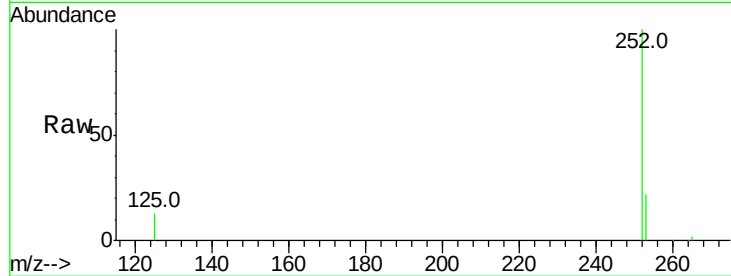
ClientSampleId :

ICVBM120215

Tot Ion:	252	Resp:	51845
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	13.3	10.7	16.1

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:07:55 PM



#38

Benzo(a)pyrene

Concen: 0.88 ng

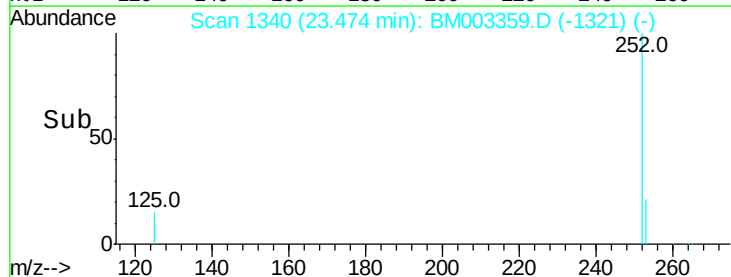
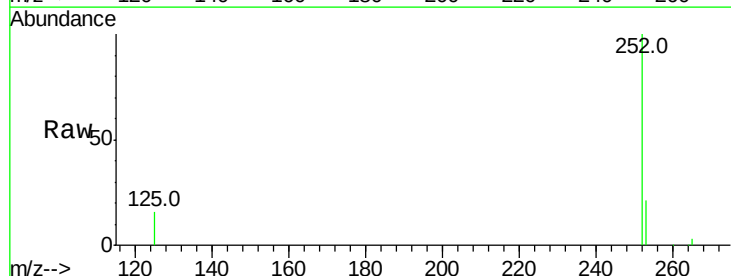
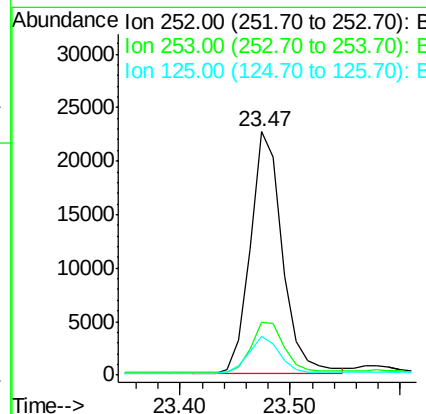
RT: 23.47 min Scan# 1340

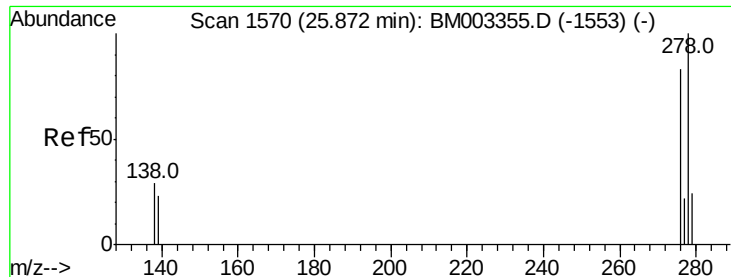
Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57

Tgt Ion:	252	Resp:	45567
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.7	28.1
125	15.7	11.6	17.4





#39

Dibenzo(a,h)anthracene

Concen: 0.93 ng

RT: 25.87 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BM003359.D

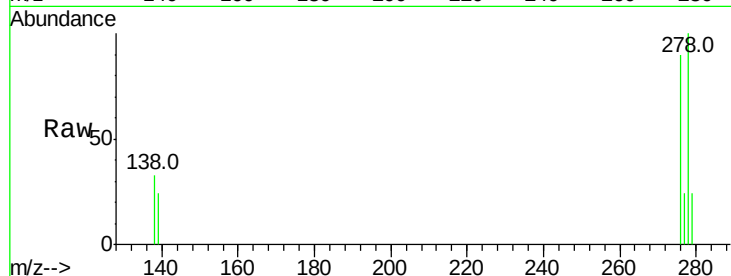
Acq: 02 Dec 2015 16:57

Instrument :

BNA_M

ClientSampleId :

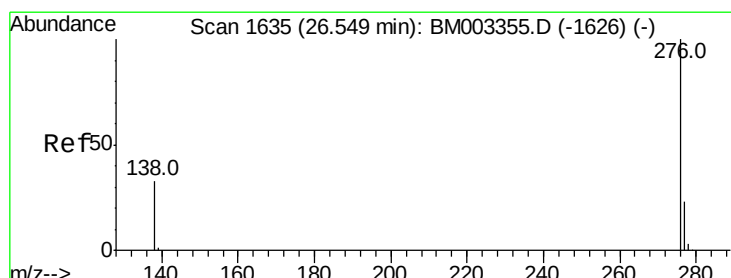
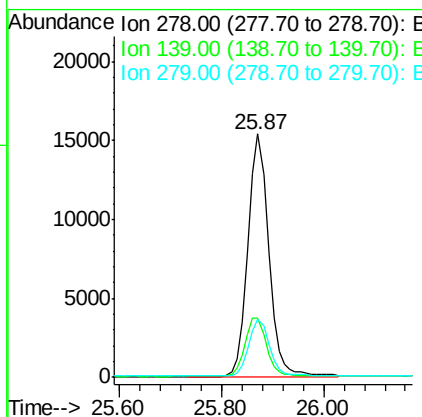
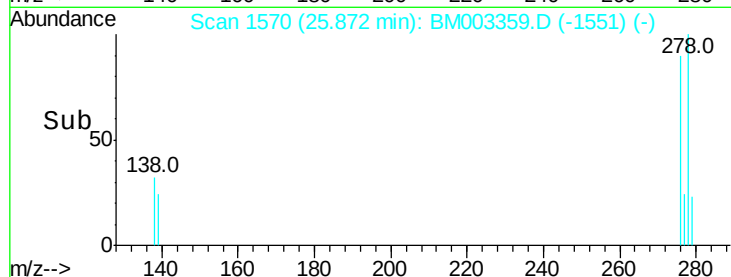
ICVBM120215



Tot Ion:	278	Resp:	43603
Ion Ratio	Lower	Upper	
278	100		
139	24.4	18.2	27.4
279	23.9	18.8	28.2

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:07:55 PM



#40

Benzo(g,h,i)perylene

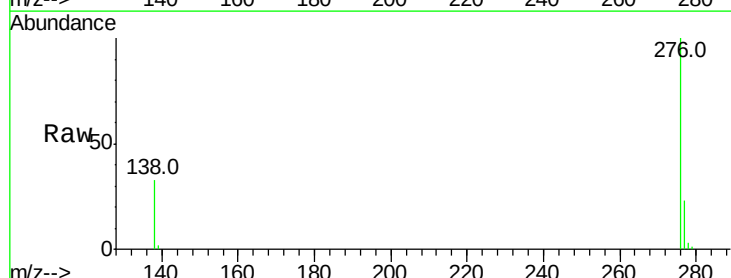
Concen: 0.91 ng

RT: 26.55 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BM003359.D

Acq: 02 Dec 2015 16:57



Tgt Ion:	276	Resp:	45319
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.0	28.6
138	33.4	22.3	33.5

