

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
 Data File : BM006323.D
 Acq On : 07 Jul 2016 17:28
 Operator : UM/SJ
 Sample : H3811-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TX1

Manual Integrations

umangi
 7/8/2016 7:13:00 PM

Quant Time: Jul 08 04:21:14 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 03:28:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4024	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	16058	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	8908	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	17607m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	11050	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	8853m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	5711	3.36	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	4682	0.25	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	8149	0.22	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.48	128	841	0.02	ng/ul#	66
9) Acenaphthylene	14.01	152	3137	0.10	ng/ul#	95
10) Acenaphthene	14.35	153	626	0.02	ng/ul#	71
11) Fluorene	15.34	166	1005	0.03	ng/ul#	79
14) Phenanthrene	17.07	178	26155m	0.54	ng/ul	
15) Anthracene	17.16	178	2956	0.07	ng/ul#	72
17) Fluoranthene	19.11	202	49265m	0.92	ng/ul	
19) Pyrene	19.47	202	44427	0.96	ng/ul	96
20) Benzo(a)anthracene	21.22	228	12263	0.34	ng/ul#	90
21) Chrysene	21.27	228	18455	0.53	ng/ul#	94
23) Benzo(b)fluoranthene	22.79	252	22817m	0.72	ng/ul	
24) Benzo(k)fluoranthene	22.83	252	7050m	0.24	ng/ul	
25) Benzo(a)pyrene	23.35	252	13513m	0.46	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	11652m	0.36	ng/ul	
28) Benzo(a,h,i)perylene	26.35	276	9527m	0.34	ng/ul	

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

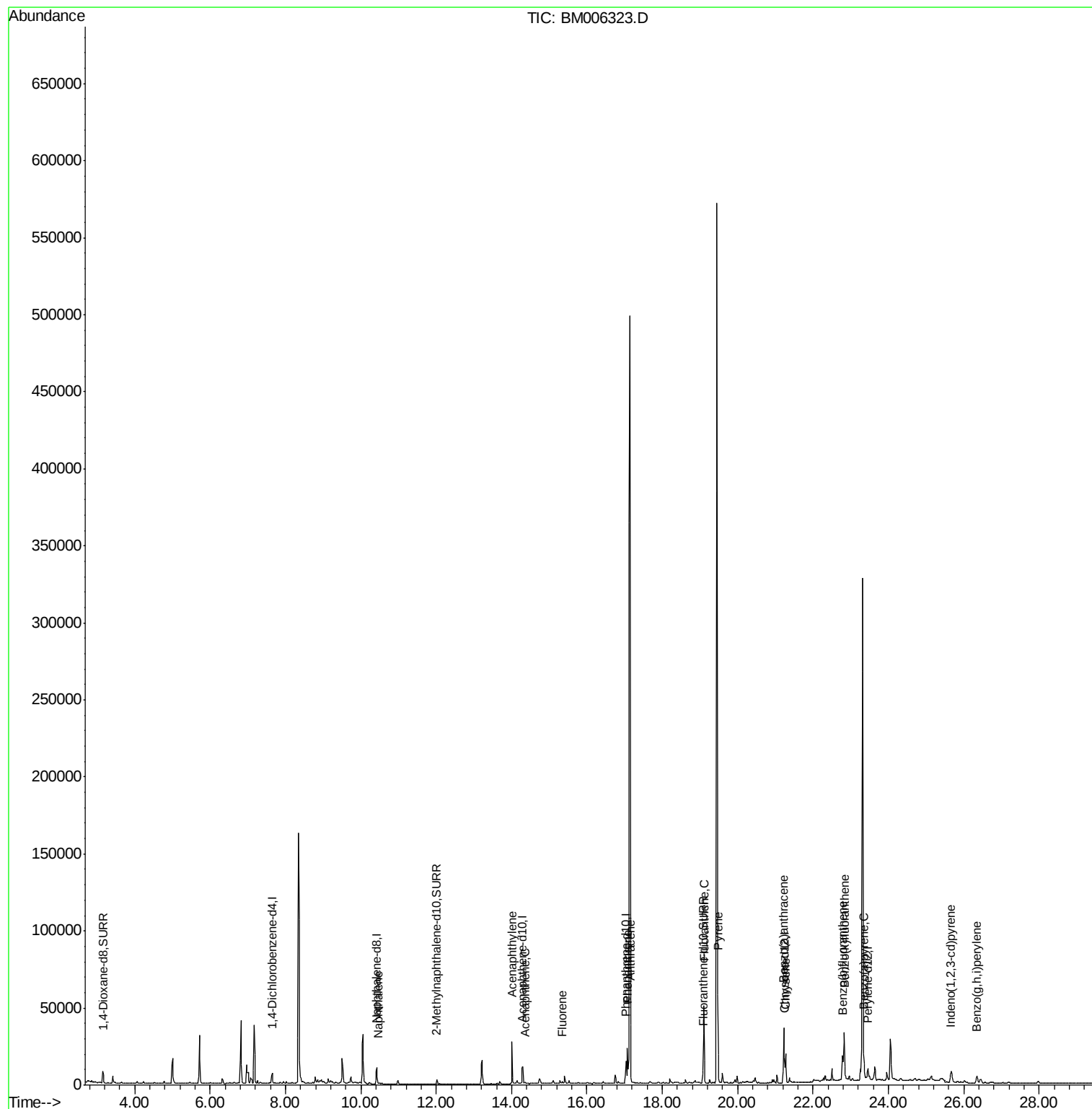
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
Data File : BM006323.D
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ALS Vial : 14 Sample Multiplier: 1

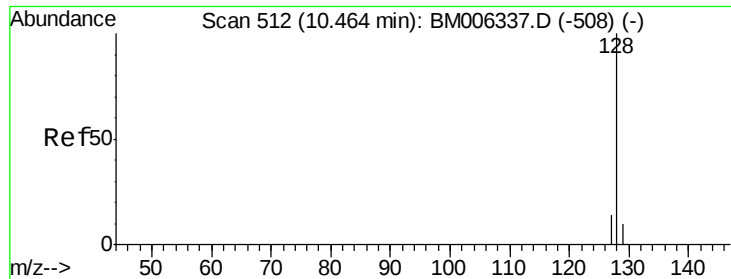
Instrument :
BNA_M
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Quant Time: Jul 08 04:21:14 2016
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#5

Naphthalene

Concen: 0.02 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.00 min

Lab File: BM006323.D

Acq: 07 Jul 2016 17:28

Instrument :

BNA_M

ClientSampleId :

A4TX1

Tot Ion:128 Resp: 841

Ion Ratio Lower Upper

128 100

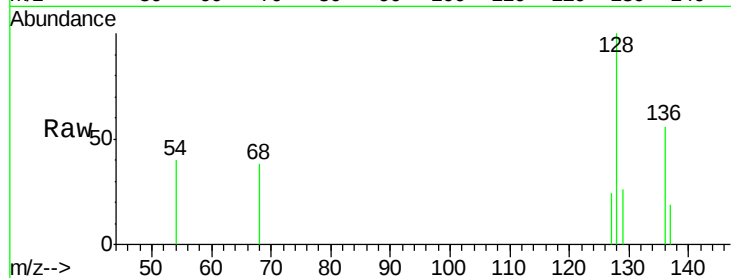
129 25.5 9.0 13.6#

127 23.9 9.6 14.4#

Manual Integrations

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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

10.48

400

300

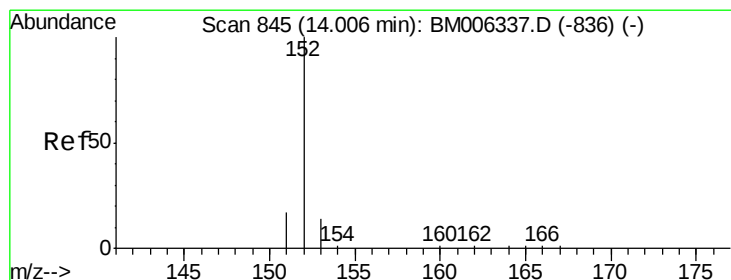
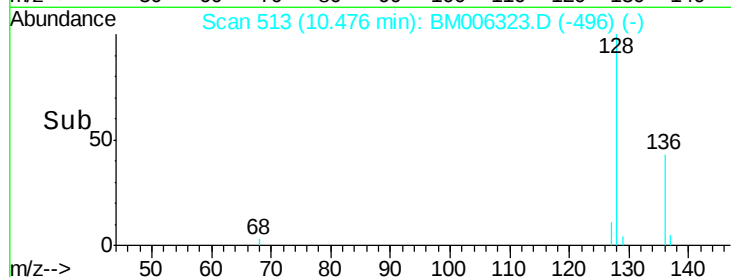
200

100

0

10.40 10.50 10.60 10.70

Time-->



#9

Acenaphthylene

Concen: 0.10 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.00 min

Lab File: BM006323.D

Acq: 07 Jul 2016 17:28

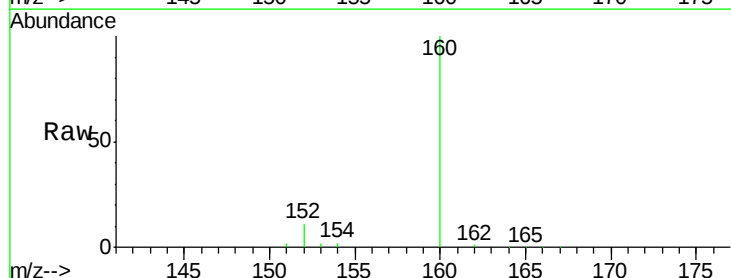
Tgt Ion:152 Resp: 3137

Ion Ratio Lower Upper

152 100

151 21.7 17.6 26.4

153 17.1 9.7 14.5#



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

14.01

3000

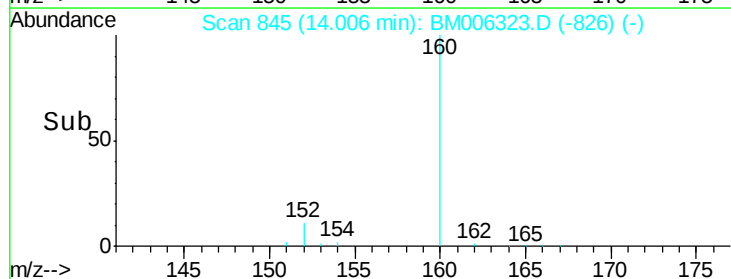
2000

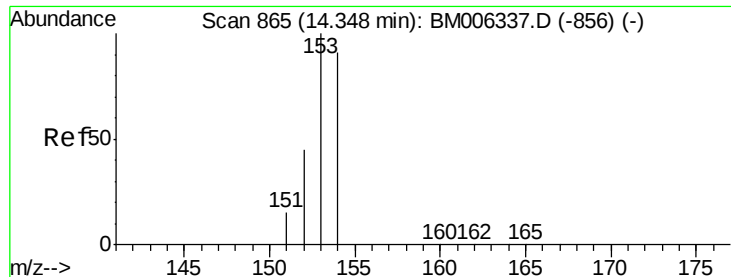
1000

0

13.90 14.00 14.10

Time-->





#10

Acenaphthene

Concen: 0.02 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.00 min

Lab File: BM006323.D

Acq: 07 Jul 2016 17:28

Instrument :

BNA_M

ClientSampleId :

A4TX1

Tot Ion:153 Resp: 626

Ion Ratio Lower Upper

153 100

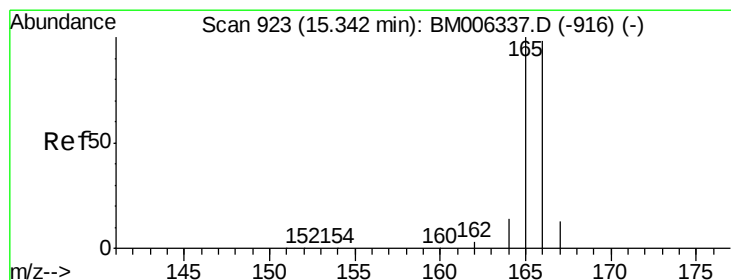
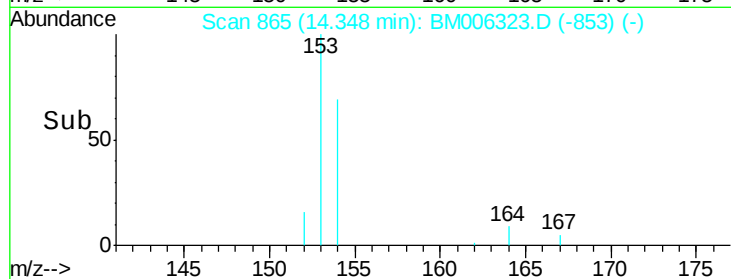
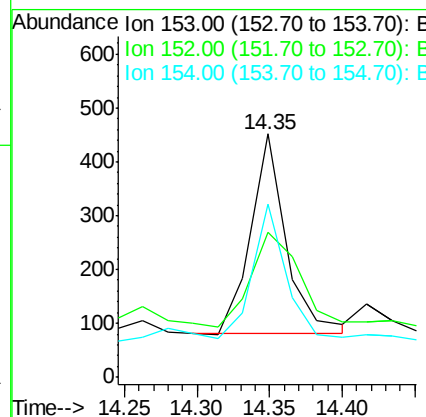
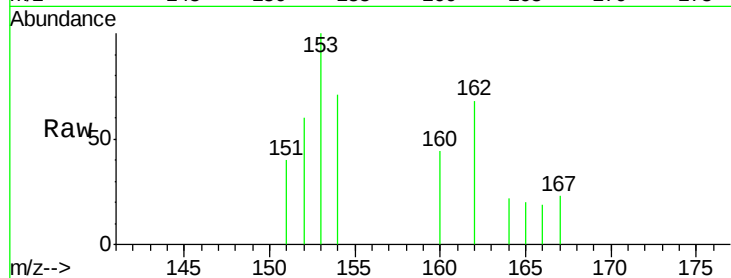
152 59.7 33.9 50.9#

154 71.2 80.6 121.0#

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#11

Fluorene

Concen: 0.03 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.00 min

Lab File: BM006323.D

Acq: 07 Jul 2016 17:28

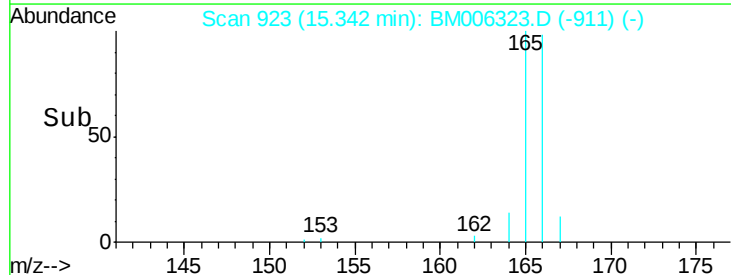
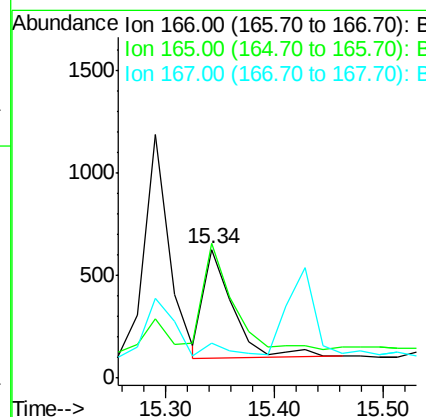
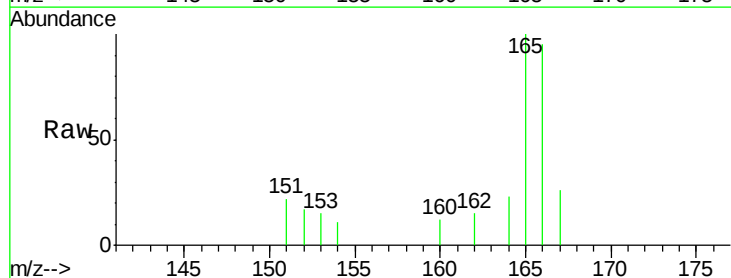
Tgt Ion:166 Resp: 1005

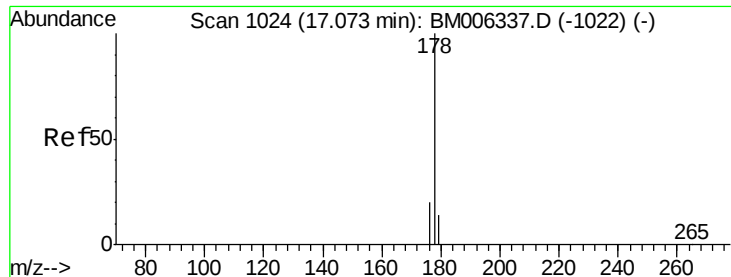
Ion Ratio Lower Upper

166 100

165 104.9 69.6 104.4#

167 26.8 11.9 17.9#





#14

Phenanthrene

Concen: 0.54 ng/ul m

RT: 17.07 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BM006323.D

Acq: 07 Jul 2016 17:28

Instrument :

BNA_M

ClientSampleId :

A4TX1

Tot Ion:178 Resp: 26155

Ion Ratio Lower Upper

178 100

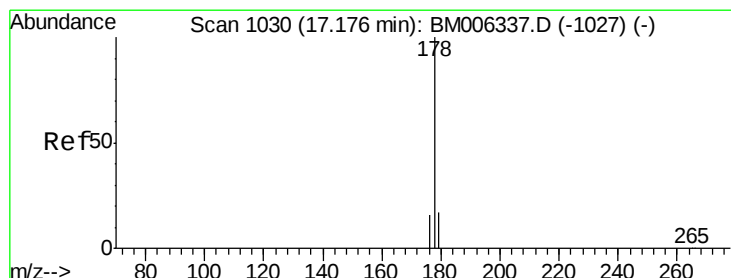
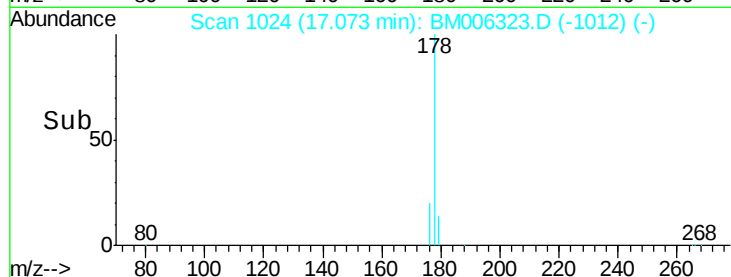
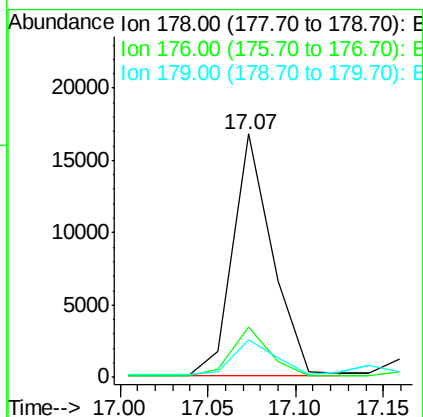
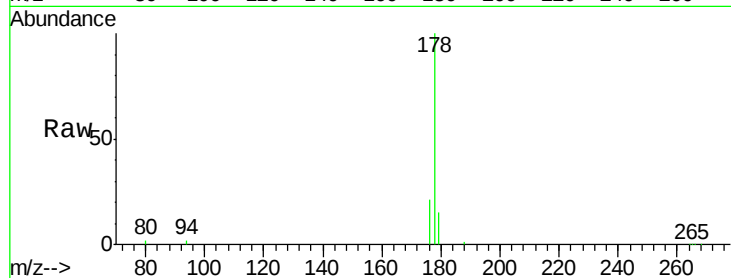
176 20.8 13.0 19.4#

179 15.2 14.2 21.2

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#15

Anthracene

Concen: 0.07 ng/ul

RT: 17.16 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BM006323.D

Acq: 07 Jul 2016 17:28

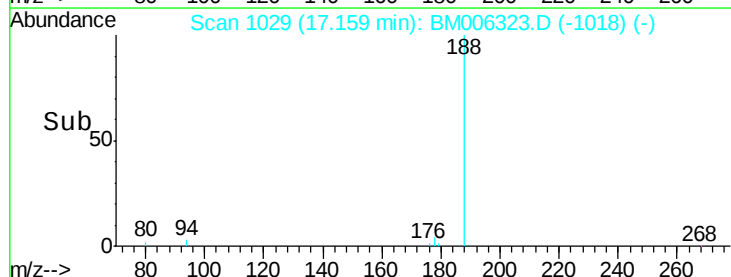
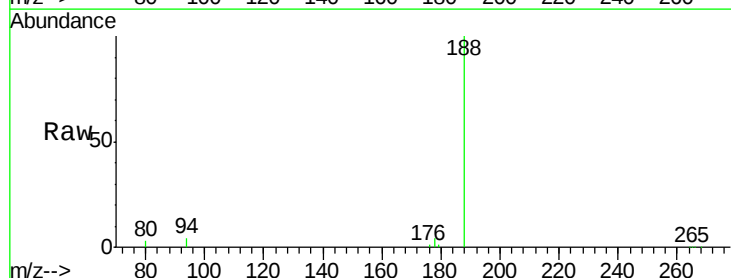
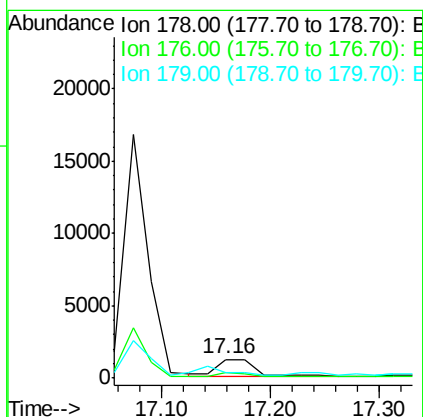
Tgt Ion:178 Resp: 2956

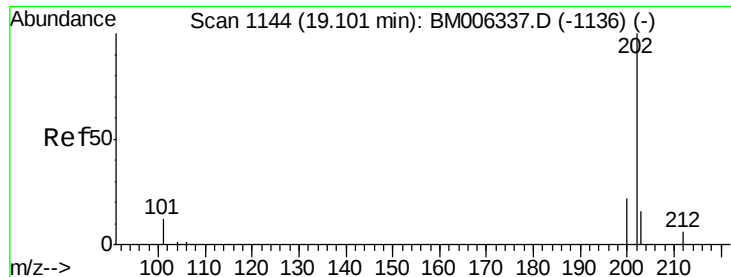
Ion Ratio Lower Upper

178 100

176 27.7 14.0 21.0#

179 29.8 12.9 19.3#





#17

Fluoranthene

Concen: 0.92 ng/ul m

RT: 19.11 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BM006323.D

Acq: 07 Jul 2016 17:28

Instrument :

BNA_M

ClientSampleId :

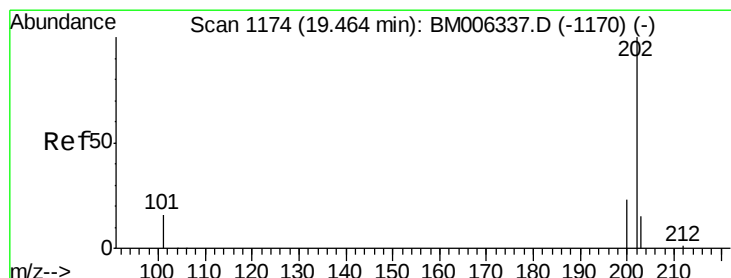
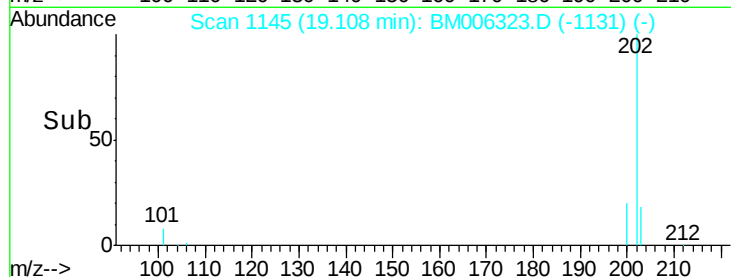
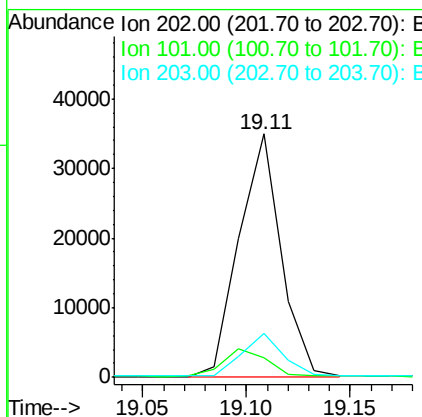
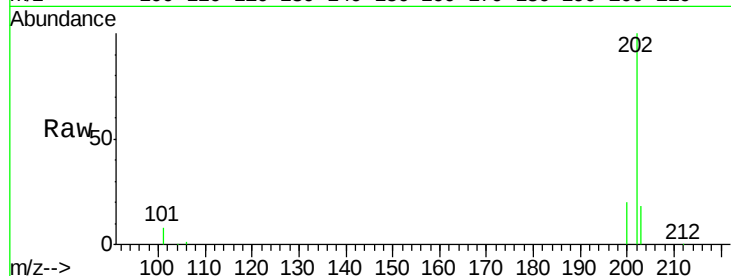
A4TX1

Tot Ion:	202	Resp:	49265
Ion Ratio	Lower	Upper	
202	100		
101	7.9	0.0	29.6
203	18.2	0.0	36.3

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#19

Pyrene

Concen: 0.96 ng/ul

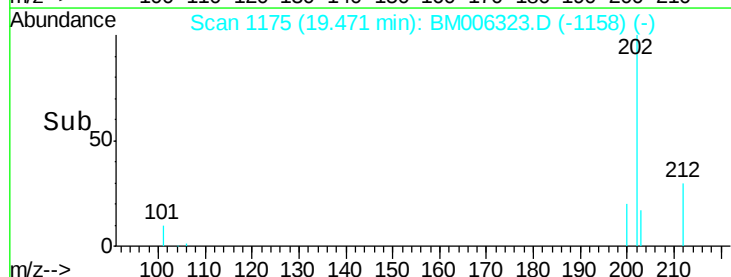
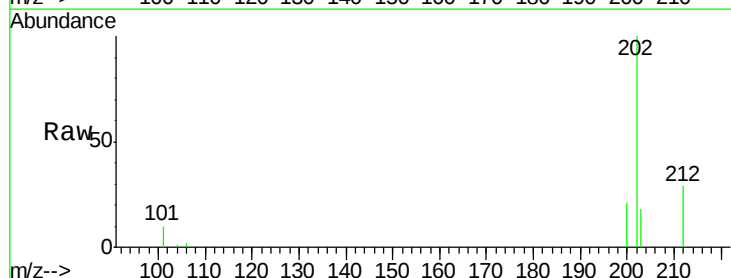
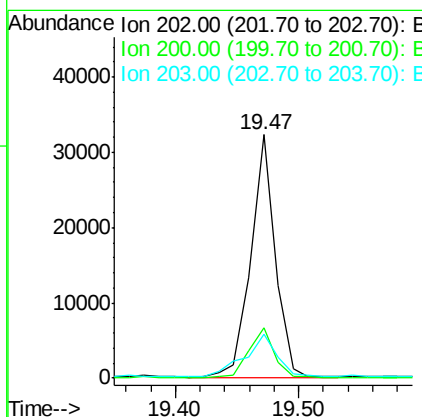
RT: 19.47 min Scan# 1175

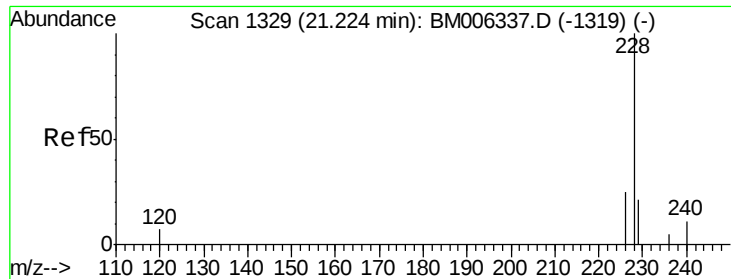
Delta R.T. -0.00 min

Lab File: BM006323.D

Acq: 07 Jul 2016 17:28

Tgt Ion:	202	Resp:	44427
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.8	26.8
203	17.8	12.8	19.2





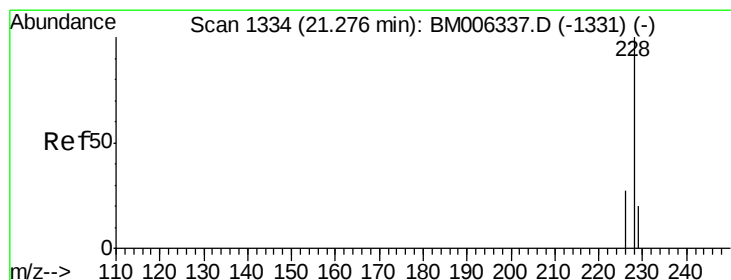
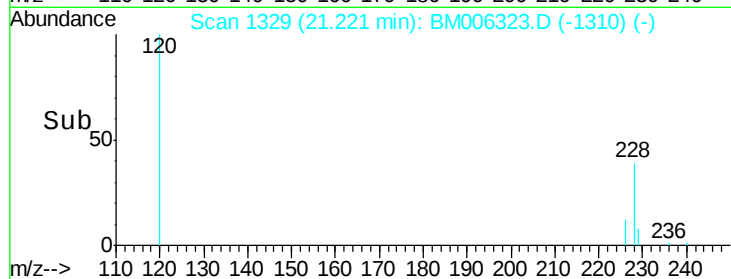
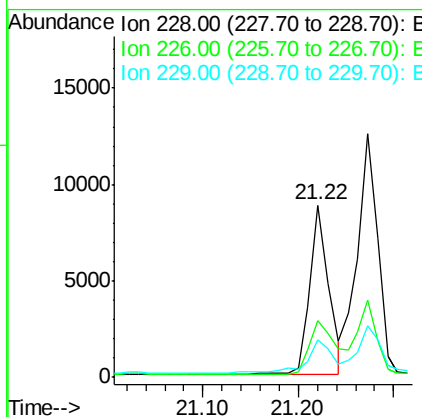
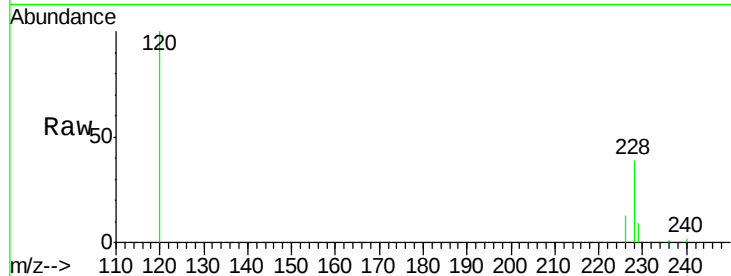
#20
Benzo(a)anthracene
Concen: 0.34 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM006323.D
Acq: 07 Jul 2016 17:28

Instrument :
BNA_M
ClientSampleId :
A4TX1

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	18.8	28.2
229	21.9	17.1	25.7

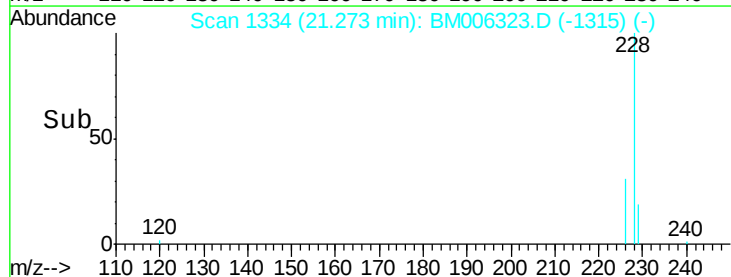
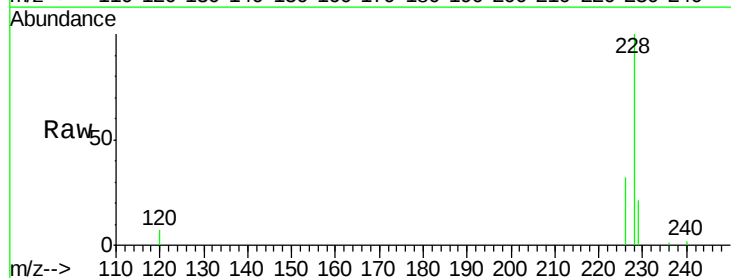
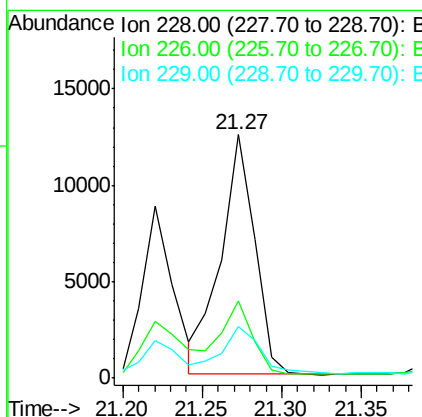
Manual Integrations

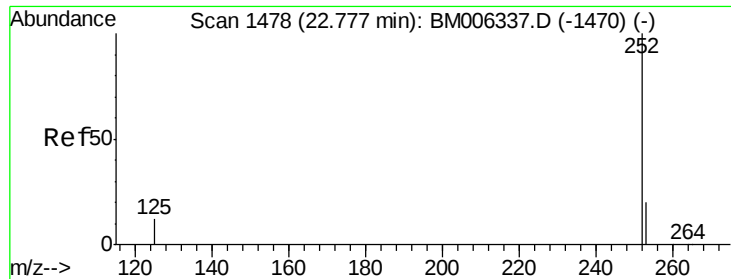
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#21
Chrysene
Concen: 0.53 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BM006323.D
Acq: 07 Jul 2016 17:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	21.2	31.8
229	21.0	17.0	25.6





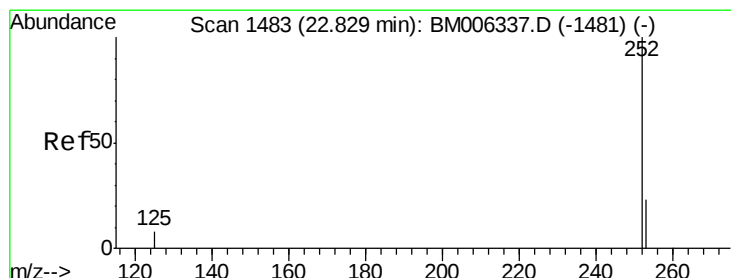
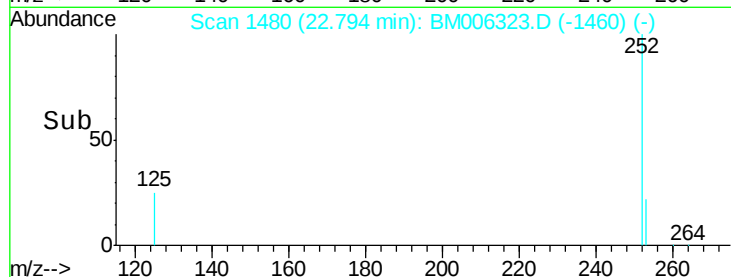
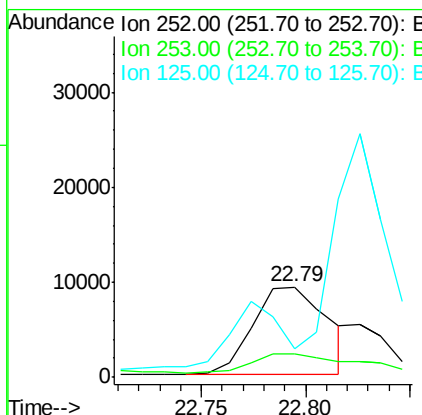
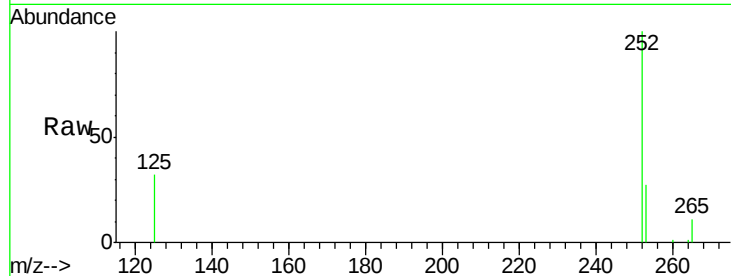
#23
Benzo(b)fluoranthene
Concen: 0.72 ng/ul m
RT: 22.79 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BM006323.D
Acq: 07 Jul 2016 17:28

Instrument :
BNA_M
ClientSampleId :
A4TX1

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	45.4
125	32.2	0.0	28.8

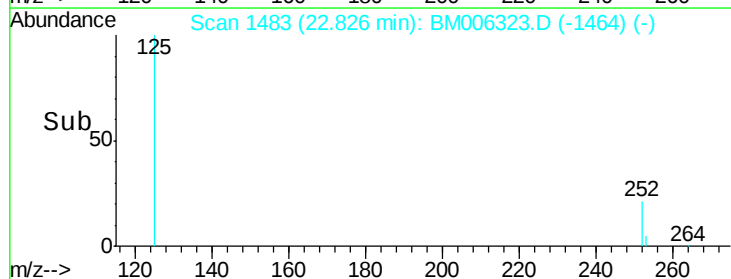
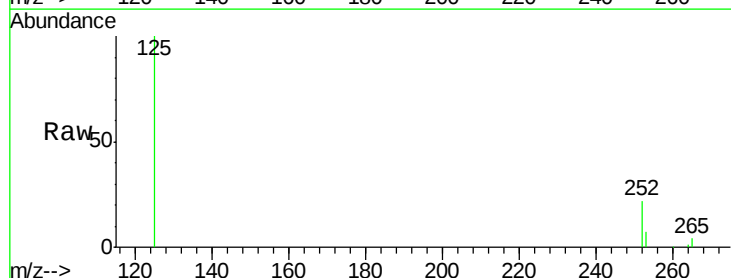
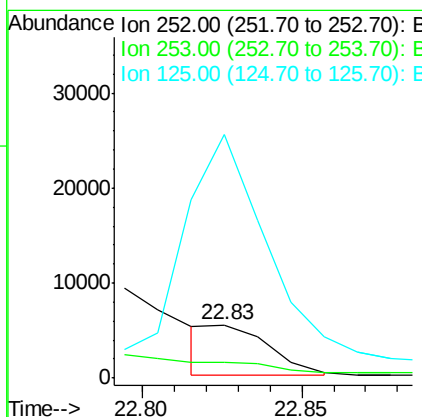
Manual Integrations

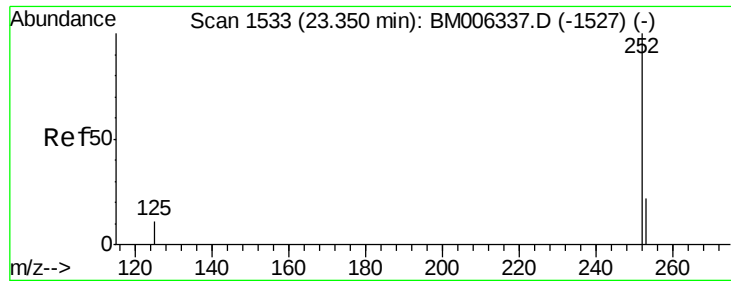
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#24
Benzo(k)fluoranthene
Concen: 0.24 ng/ul m
RT: 22.83 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BM006323.D
Acq: 07 Jul 2016 17:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	19.8	29.8
125	457.7	10.4	15.6





#25

Benzo(a)pyrene

Concen: 0.46 ng/ul m

RT: 23.35 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BM006323.D

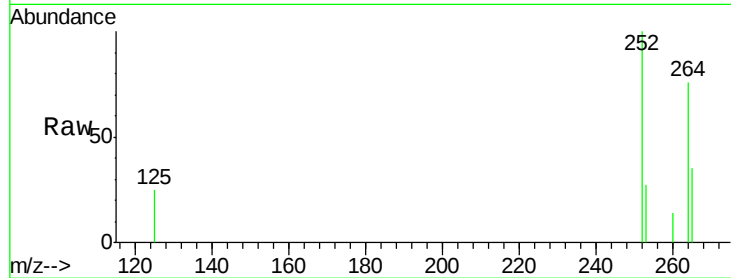
Acq: 07 Jul 2016 17:28

Instrument :

BNA_M

ClientSampleId :

A4TX1

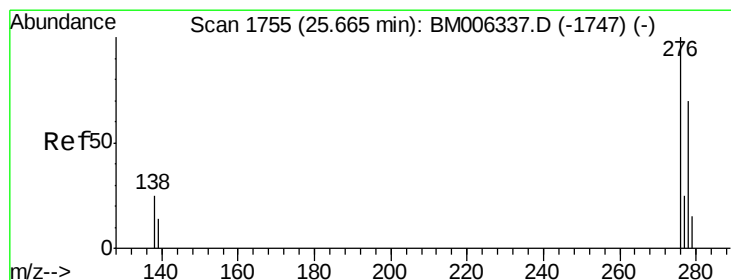
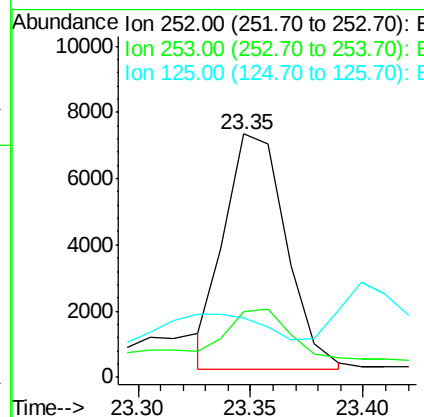


Tot Ion	252	Resp	13513
Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.4	29.2
125	24.6	12.7	19.1#

Manual Integrations

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#26

Indeno(1,2,3-cd)pyrene

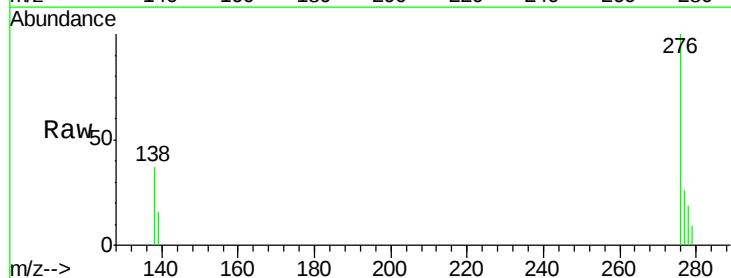
Concen: 0.36 ng/ul m

RT: 25.66 min Scan# 1755

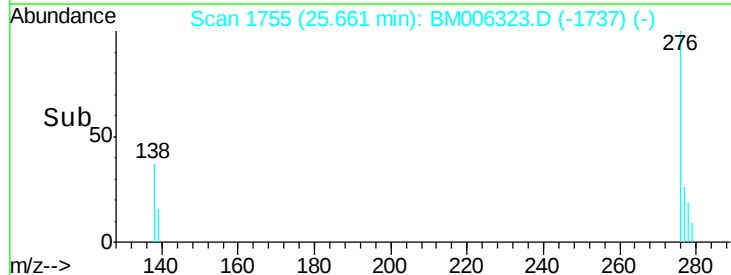
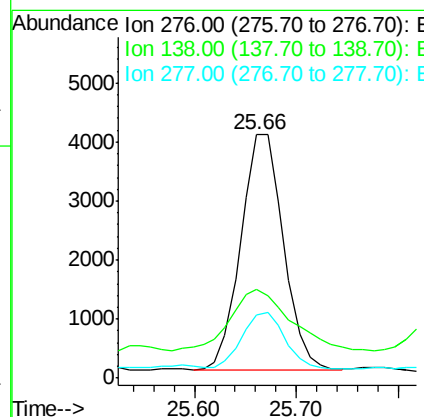
Delta R.T. -0.01 min

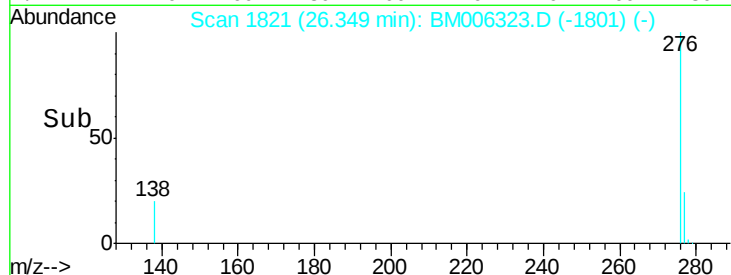
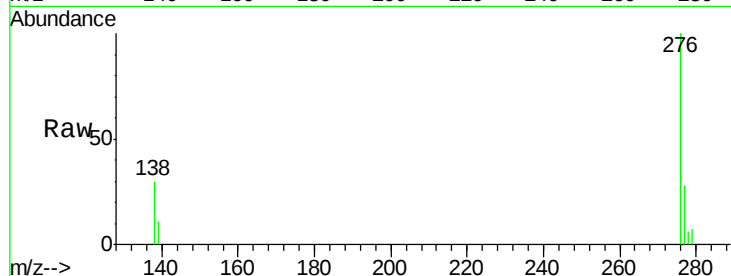
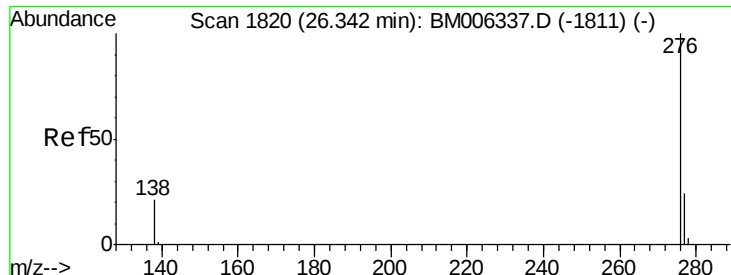
Lab File: BM006323.D

Acq: 07 Jul 2016 17:28



Tgt Ion	276	Resp	11652
Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.3	24.5#
277	0.0	19.8	29.8#





#28
Benzo(a,h,i)perylene
Concen: 0.34 ng/ul m
RT: 26.35 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BM006323.D
Acq: 07 Jul 2016 17:28

Tot Ion:	276	Resp:	9527
Ion Ratio	Lower	Upper	
276	100		
277	28.0	18.9	28.3
138	29.6	22.5	33.7

Instrument :
BNA_M
ClientSampleId :
A4TX1

Manual Integrations

umangi
7/8/2016 7:13:00 PM

