

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002733.D
 Acq On : 28 Sep 2015 14:11
 Operator : UM/IZ
 Sample : G3798-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G66

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:42:24 PM

Quant Time: Sep 29 04:54:07 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 00:32:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	10126	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	39201	0.40	ng/ul	0.01
8) Acenaphthene-d10	15.33	164	21065	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	43979	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	43518	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	44471	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	11522	1.10	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	4132m	0.07	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	10228	0.09	ng/ul	0.01
Target Compounds				Ovalue		
5) Naphthalene	11.65	128	108083	1.02	ng/ul	97
7) 2-Methylnaphthalene	13.20	142	75654	1.11	ng/ul	99
9) Acenaphthylene	15.06	152	159381	1.47	ng/ul	95
10) Acenaphthene	15.38	153	31534	0.40	ng/ul	93
11) Fluorene	16.36	166	38912m	0.43	ng/ul	
14) Phenanthrene	18.08	178	829517	5.80	ng/ul	96
15) Anthracene	18.17	178	348821	2.64	ng/ul	95
17) Fluoranthene	20.04	202	2115191	13.59	ng/ul	93
19) Pyrene	20.39	202	2015124	11.88	ng/ul	99
20) Benzo(a)anthracene	22.10	228	1330749	9.15	ng/ul	99
21) Chrysene	22.16	228	1143034	8.21	ng/ul	95
23) Benzo(b)fluoranthene	23.92	252	1781306m	11.11	ng/ul	
24) Benzo(k)fluoranthene	23.95	252	669533m	4.51	ng/ul	
25) Benzo(a)pyrene	24.61	252	1288562	8.73	ng/ul	93
26) Indeno(1,2,3-cd)pyrene	27.46	276	916638	5.57	ng/ul	95
27) Dibenzo(a,h)anthracene	27.46	278	235584	1.74	ng/ul	98
28) Benzo(g,h,i)perylene	28.32	276	846386	6.06	ng/ul	97

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

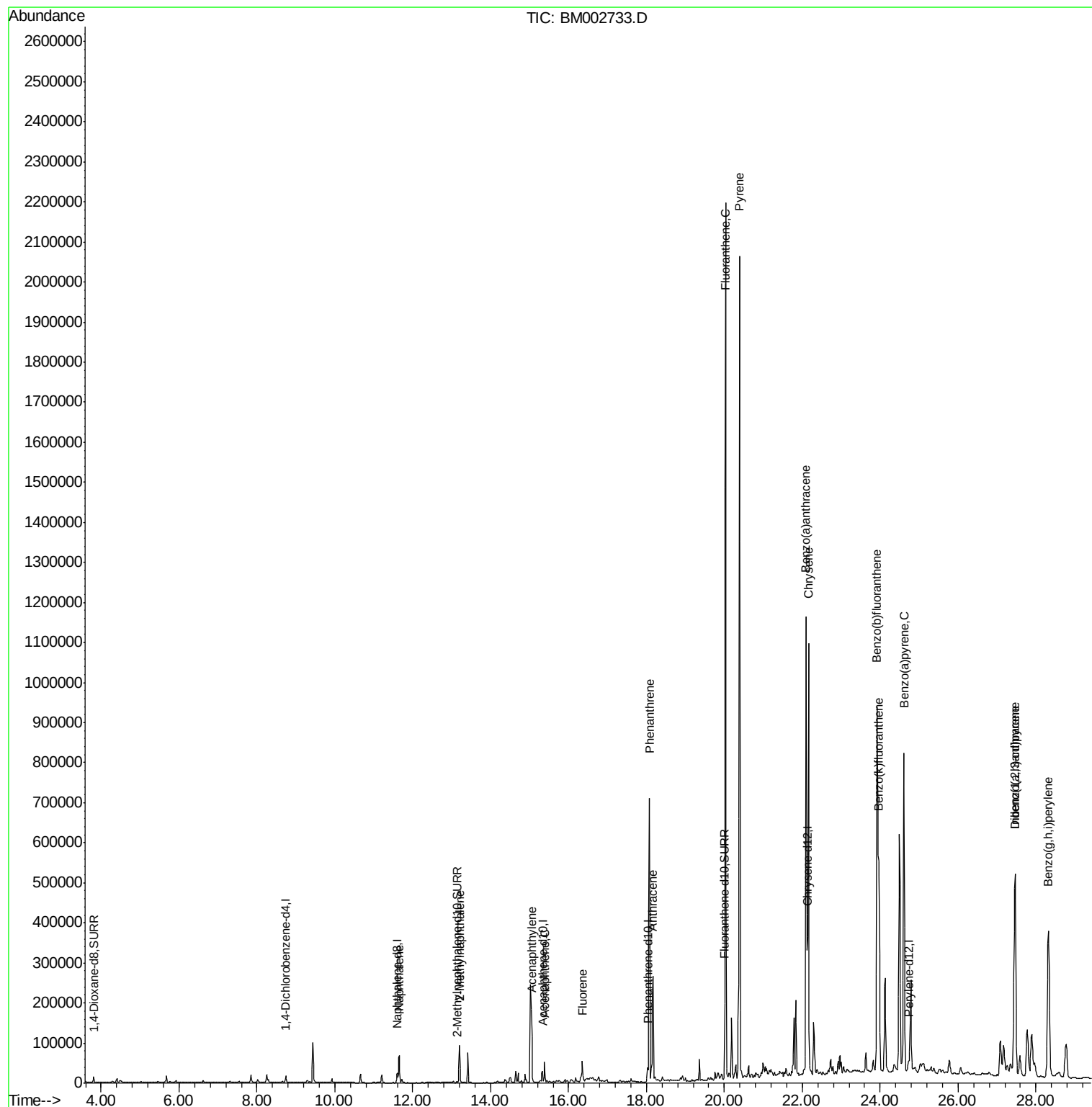
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
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ALS Vial : 6 Sample Multiplier: 1

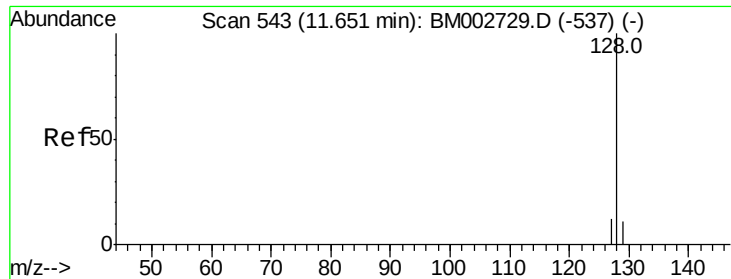
Instrument :
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D9G66

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
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QLast Update : Tue Sep 29 00:32:23 2015
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#5

Naphthalene

Concen: 1.02 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

Lab File: BM002733.D

Acq: 28 Sep 2015 14:11

Instrument :

BNA_M

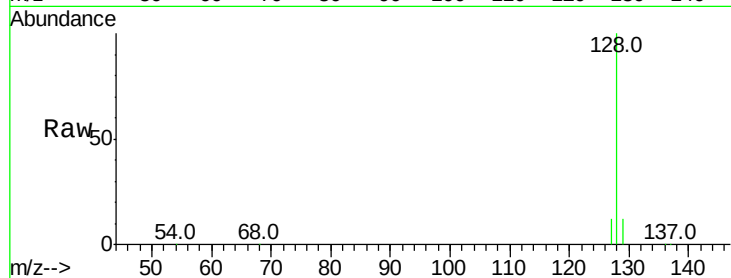
ClientSampleId :

D9G66

Tot Ion:	128	Resp:	108083
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.8	14.8
127	11.9	10.7	16.1

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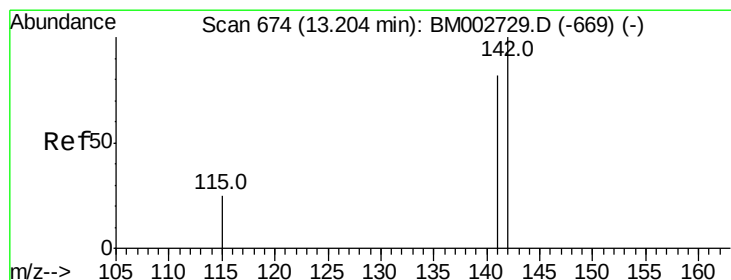
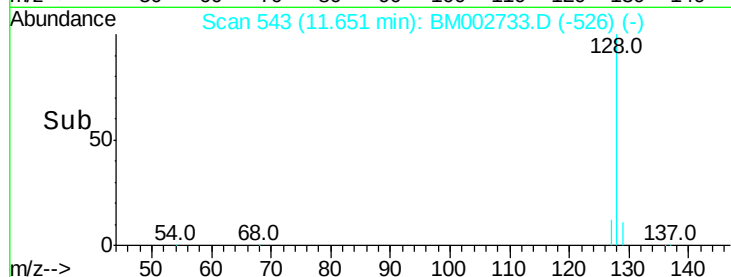
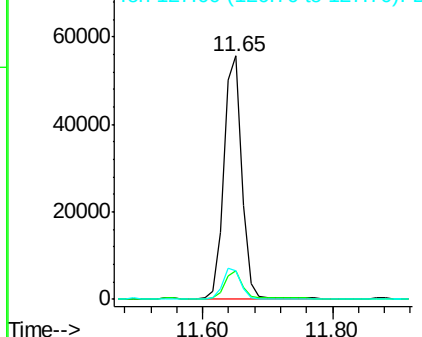
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 1.11 ng/ul

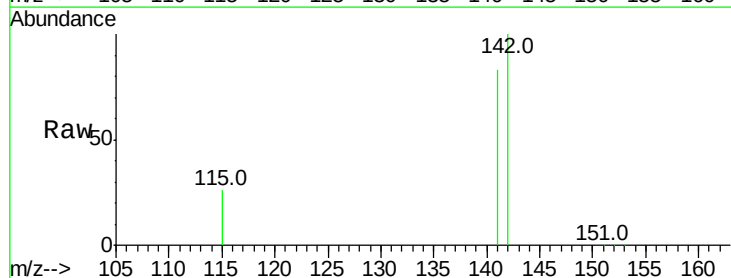
RT: 13.20 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM002733.D

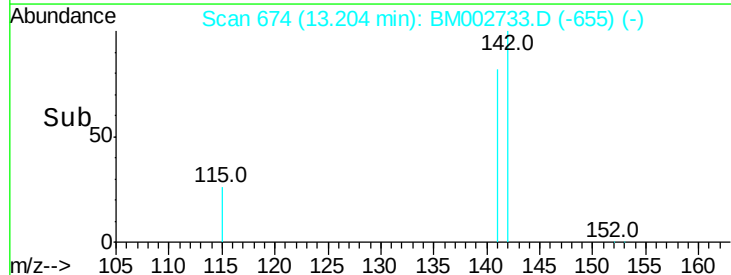
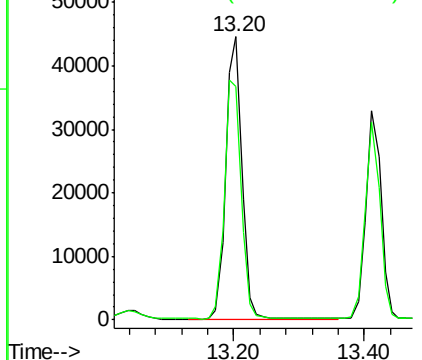
Acq: 28 Sep 2015 14:11

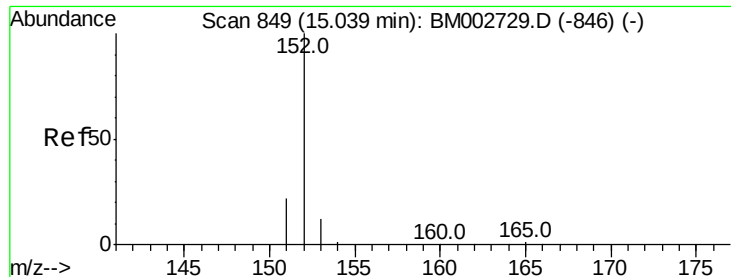
Tgt Ion:	142	Resp:	75654
Ion Ratio	Lower	Upper	
142	100		
141	88.4	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 1.47 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. 0.02 min

Lab File: BM002733.D

Acq: 28 Sep 2015 14:11

Instrument :

BNA_M

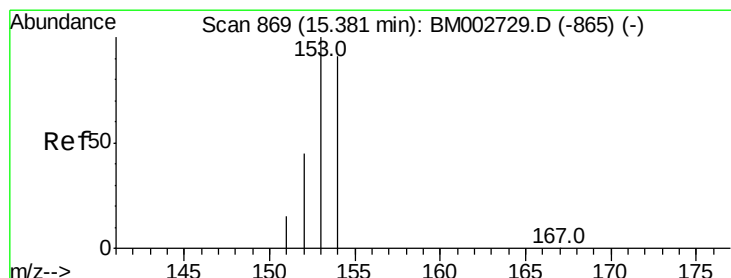
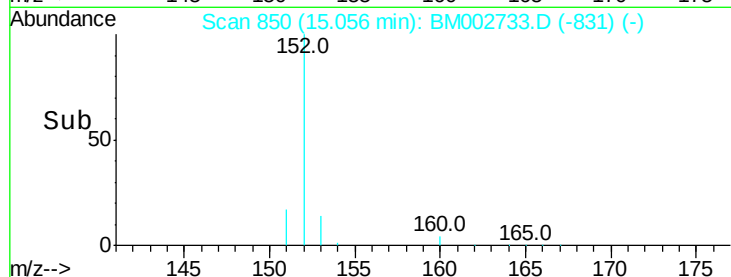
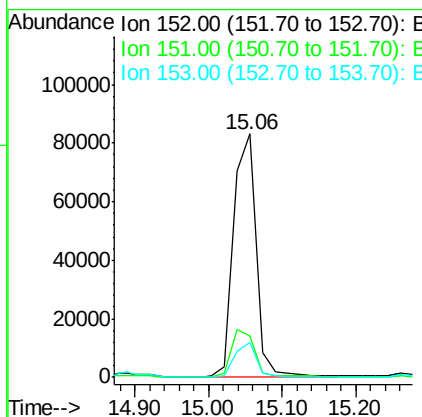
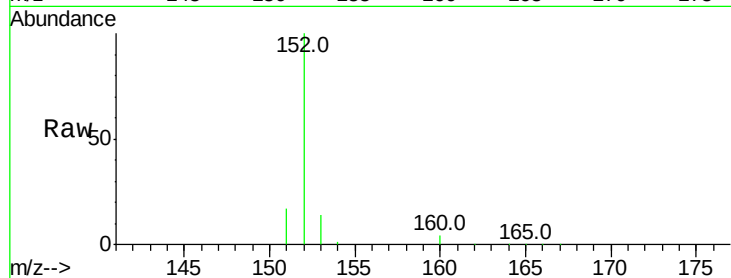
ClientSampled :

D9G66

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Tot Ion	Ratio	Resp	Lower	Upper
152	100	159381		
151	17.0		16.8	25.2
153	14.4		11.3	16.9



#10

Acenaphthene

Concen: 0.40 ng/ul

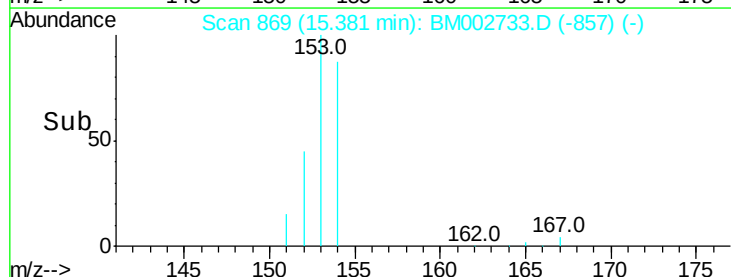
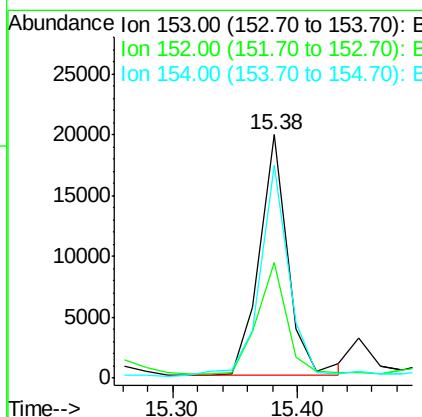
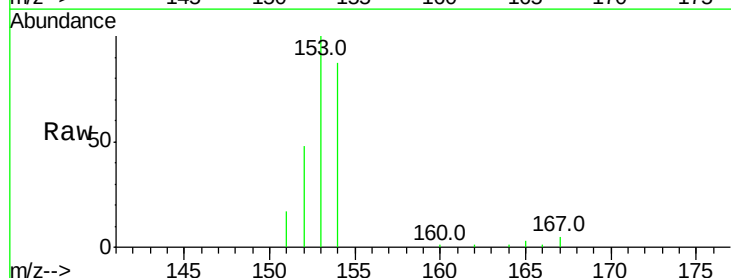
RT: 15.38 min Scan# 869

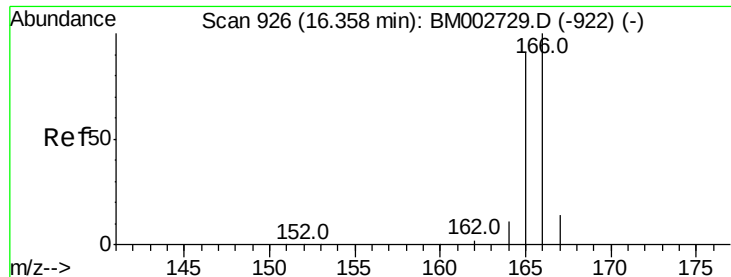
Delta R.T. -0.00 min

Lab File: BM002733.D

Acq: 28 Sep 2015 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	31534		
152	47.6		42.3	63.5
154	87.3		64.7	97.1





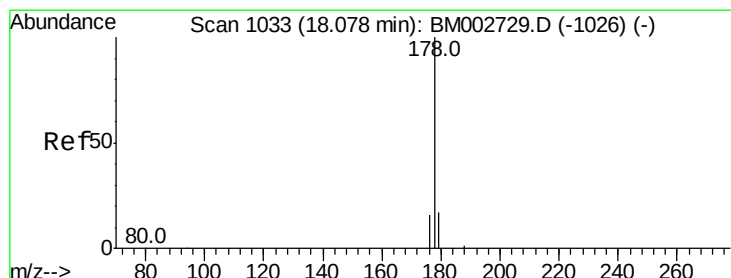
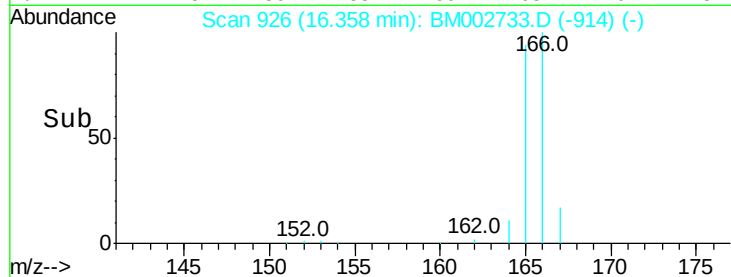
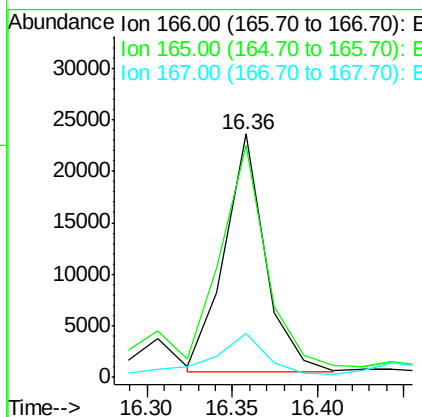
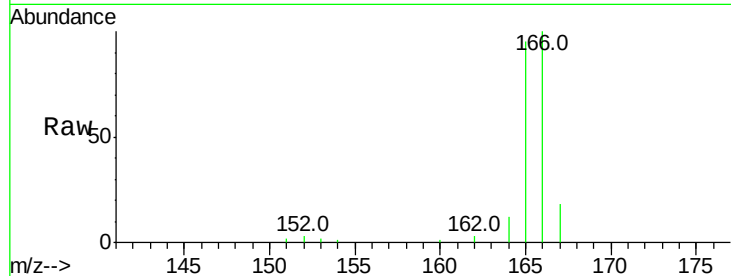
#11
Fluorene
 Concen: 0.43 ng/ul m
 RT: 16.36 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BM002733.D
 Acq: 28 Sep 2015 14:11

Instrument :
 BNA_M
 ClientSampleId :
 D9G66

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.4	87.6	131.4
167	18.1	11.1	16.7#

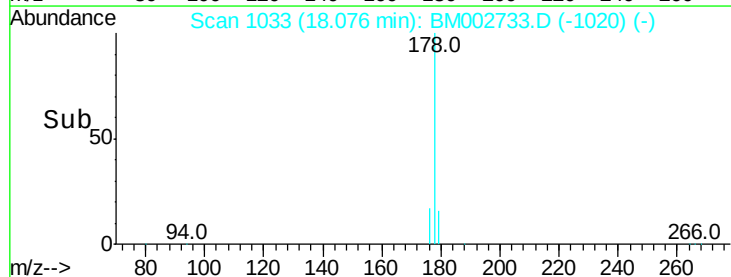
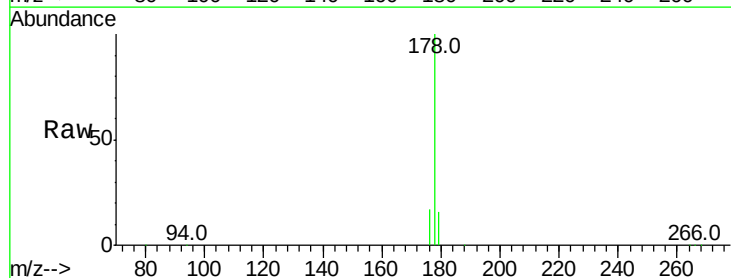
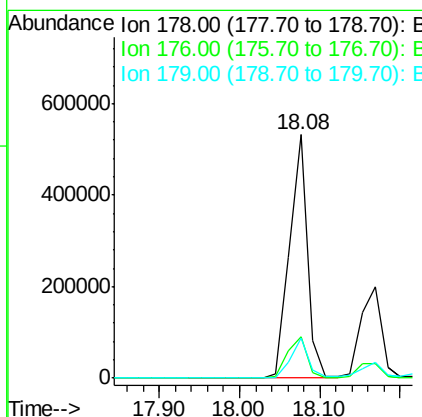
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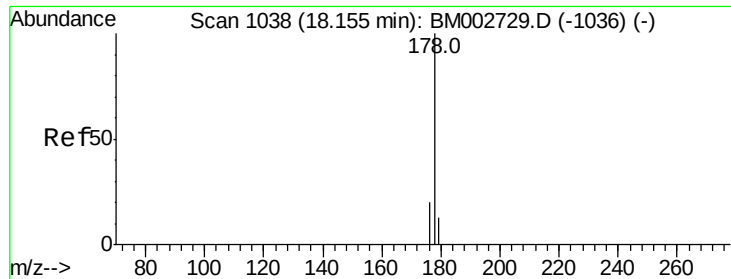
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#14
Phenanthrene
 Concen: 5.80 ng/ul
 RT: 18.08 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BM002733.D
 Acq: 28 Sep 2015 14:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.1	16.2	24.4
179	16.3	12.8	19.2





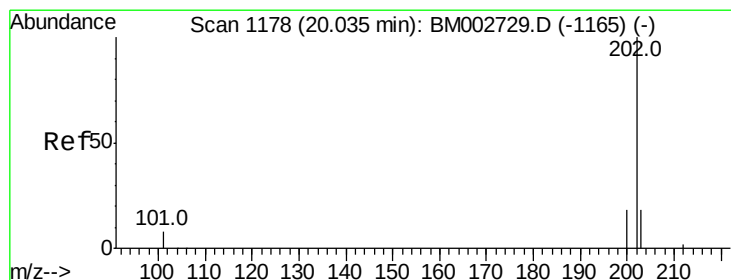
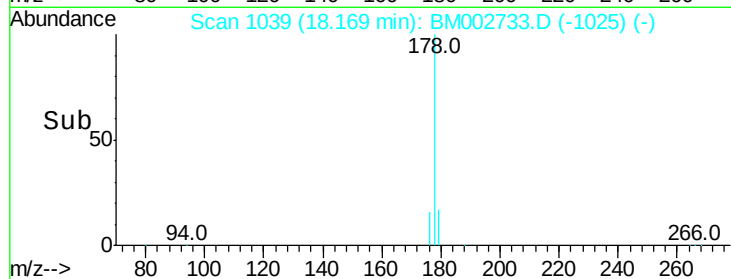
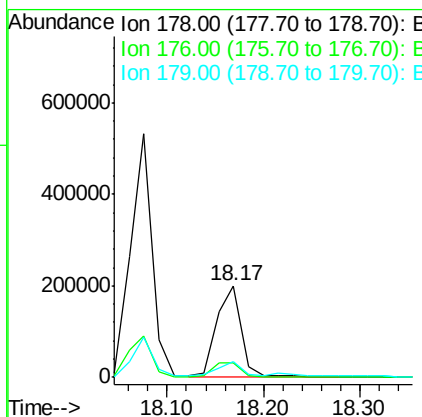
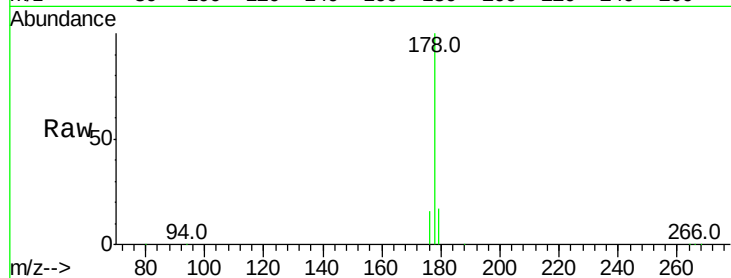
#15
 Anthracene
 Concen: 2.64 ng/ul
 RT: 18.17 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BM002733.D
 Acq: 28 Sep 2015 14:11

Instrument :
 BNA_M
 ClientSampleId :
 D9G66

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.2	15.8	23.8
179	17.0	13.3	19.9

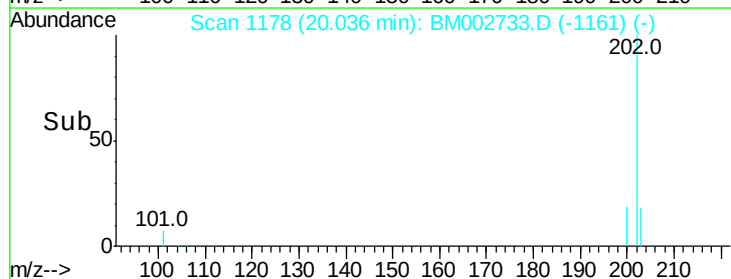
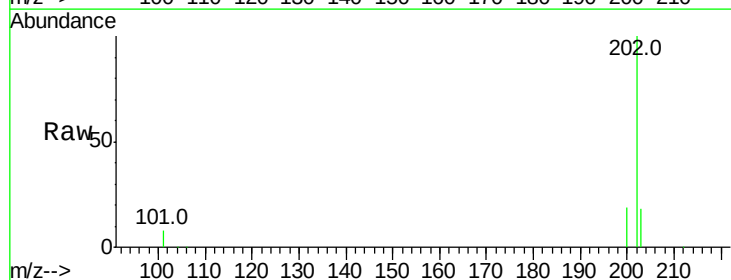
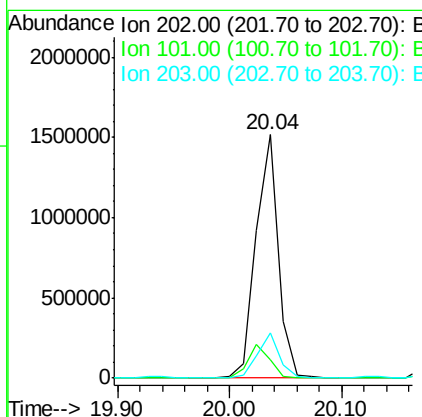
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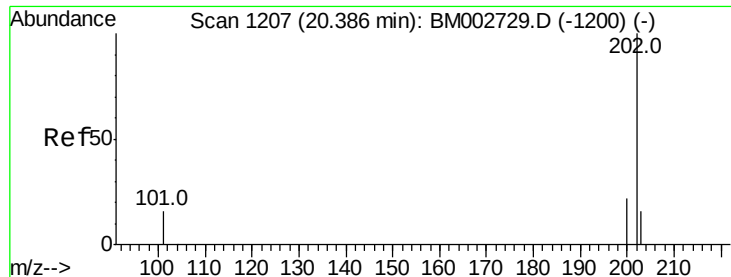
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 9/29/2015 3:42:24 PM



#17
 Fluoranthene
 Concen: 13.59 ng/ul
 RT: 20.04 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BM002733.D
 Acq: 28 Sep 2015 14:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	33.1
203	18.4	0.0	37.2





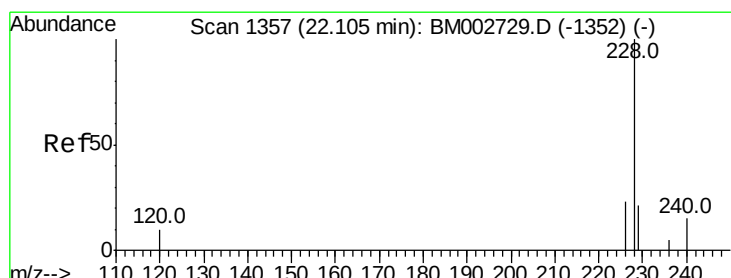
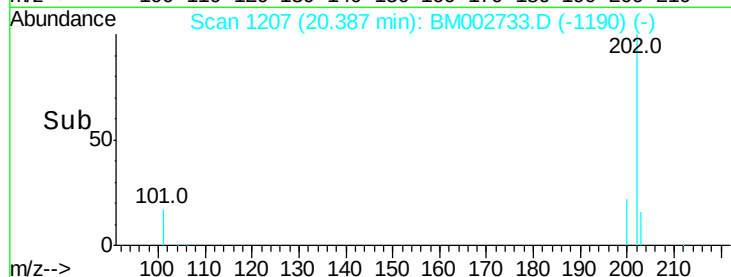
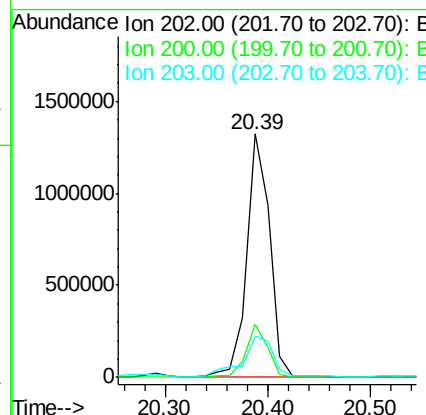
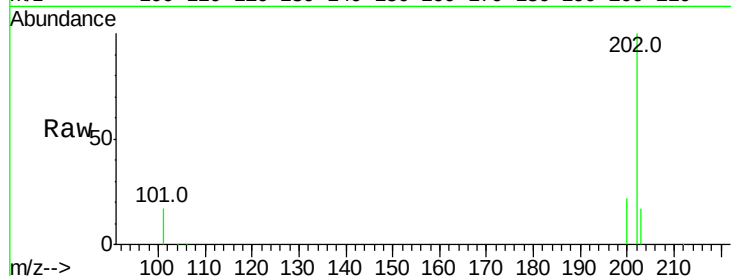
#19
Pvrene
Concen: 11.88 ng/ul
RT: 20.39 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BM002733.D
Acq: 28 Sep 2015 14:11

Instrument :
BNA_M
ClientSampleId :
D9G66

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.0	27.0
203	16.8	13.8	20.6

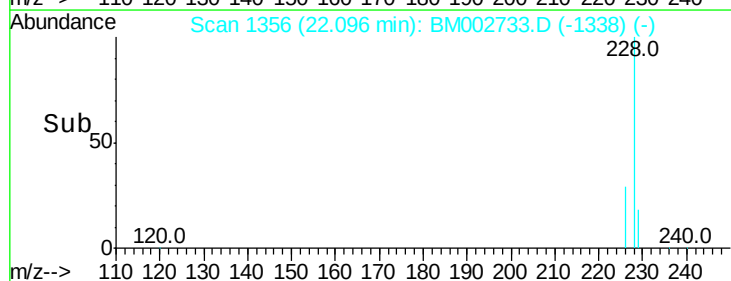
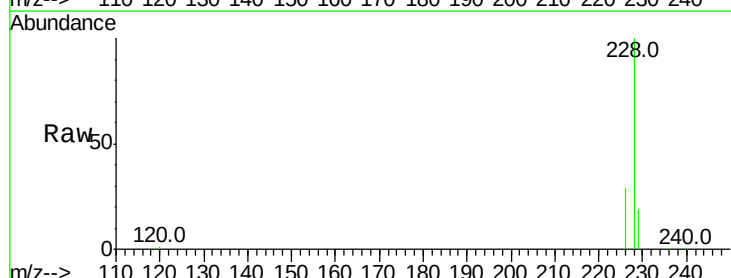
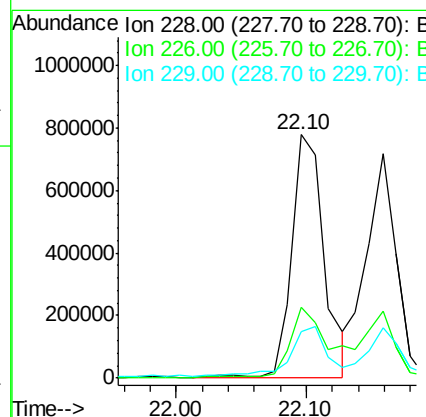
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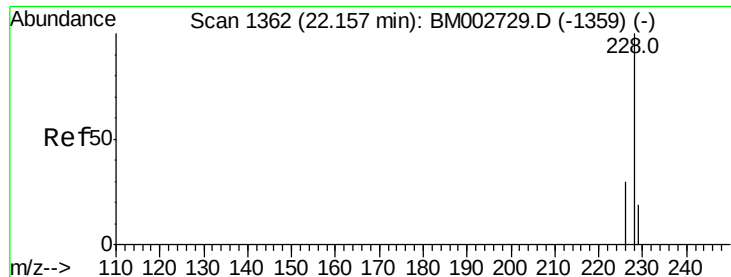
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#20
Benzo(a)anthracene
Concen: 9.15 ng/ul
RT: 22.10 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BM002733.D
Acq: 28 Sep 2015 14:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	19.1	15.2	22.8





#21

Chrysene

Concen: 8.21 ng/ul

RT: 22.16 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BM002733.D

Acq: 28 Sep 2015 14:11

Instrument :

BNA_M

ClientSampleId :

D9G66

Tot Ion:228 Resp: 1143034

Ion Ratio Lower Upper

228 100

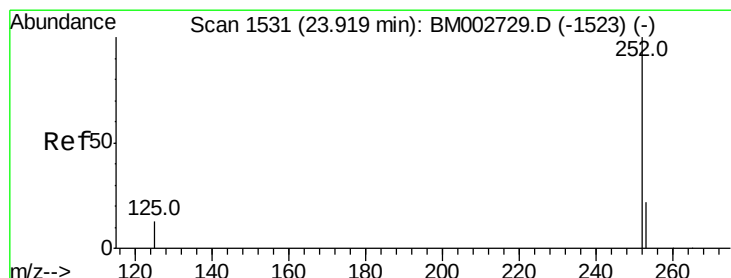
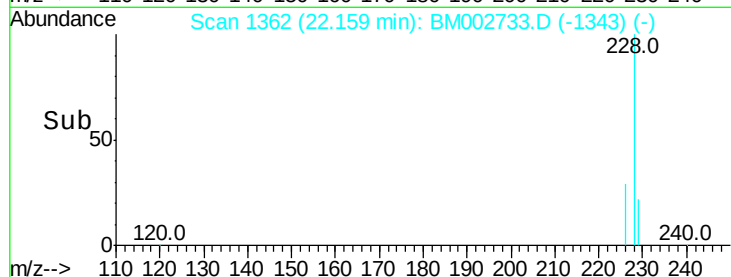
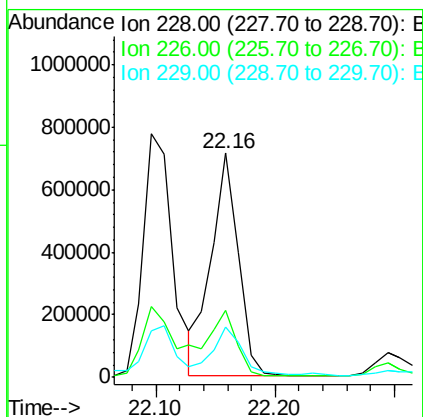
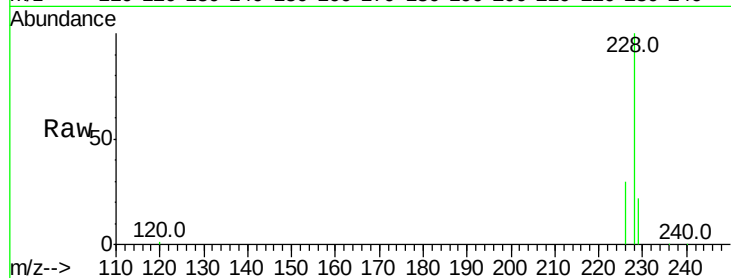
226 29.7 25.7 38.5

229 22.3 15.2 22.8

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#23

Benzo(b)fluoranthene

Concen: 11.11 ng/ul m

RT: 23.92 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BM002733.D

Acq: 28 Sep 2015 14:11

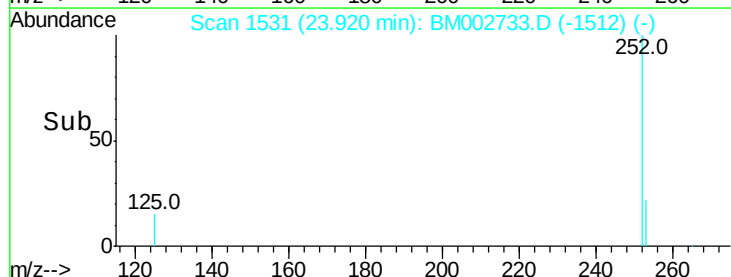
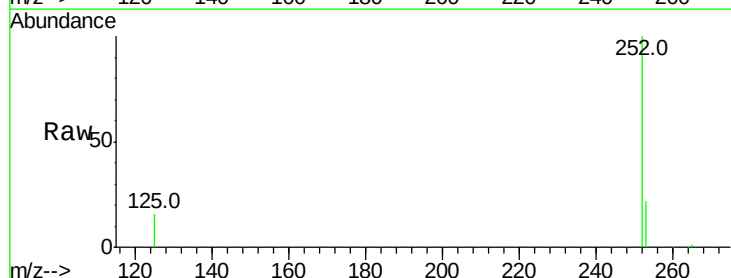
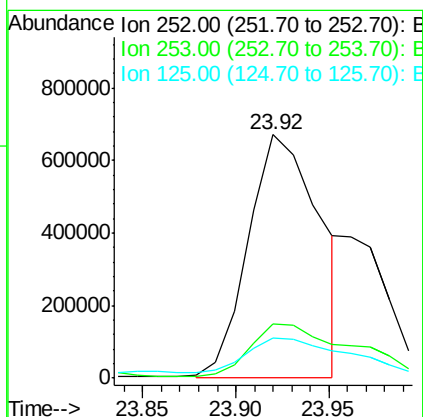
Tgt Ion:252 Resp: 1781306

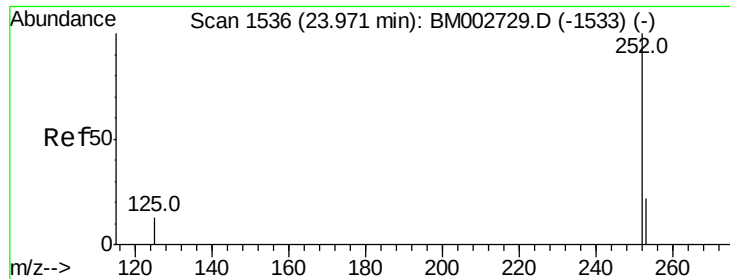
Ion Ratio Lower Upper

252 100

253 22.2 0.0 48.0

125 16.4 0.0 36.6





#24

Benzo(k)fluoranthene

Concen: 4.51 ng/ul

RT: 23.95 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BM002733.D

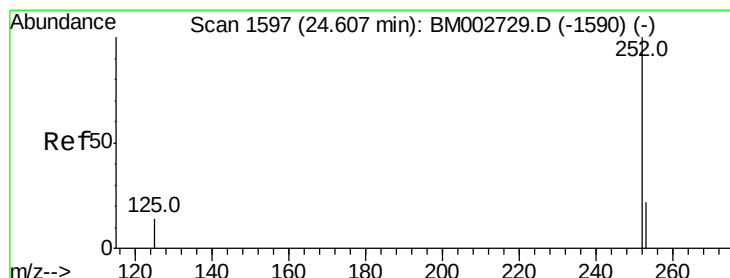
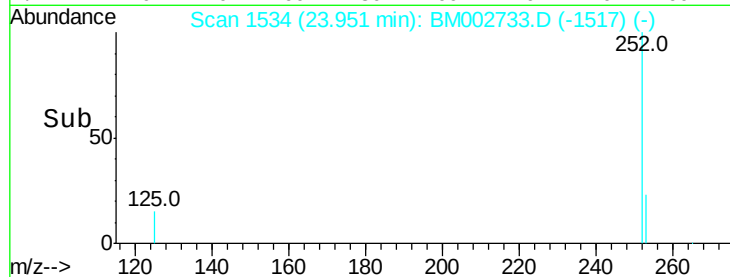
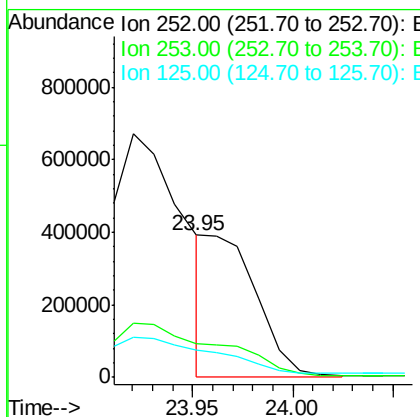
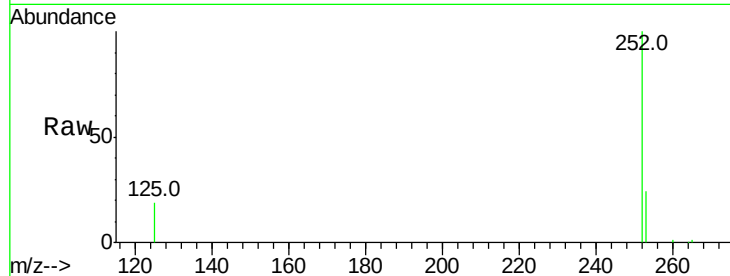
Acq: 28 Sep 2015 14:11

Instrument :
BNA_M
ClientSampleId :
D9G66

Tot Ion	Ratio	Resp	Lower	Upper
252	100	669533		
253	23.9	20.8	31.2	
125	18.9	12.2	18.4	

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#25

Benzo(a)pyrene

Concen: 8.73 ng/ul

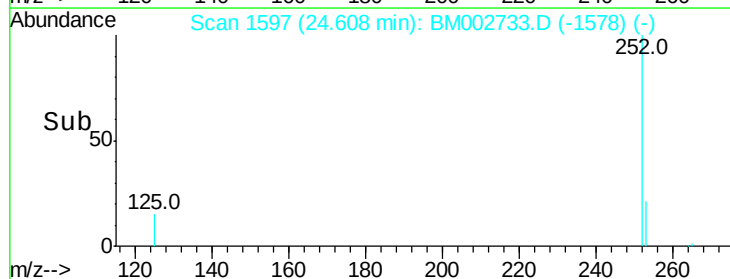
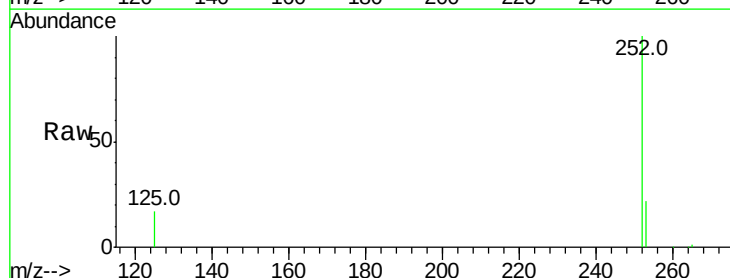
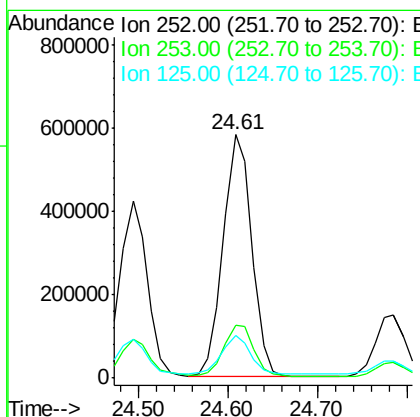
RT: 24.61 min Scan# 1597

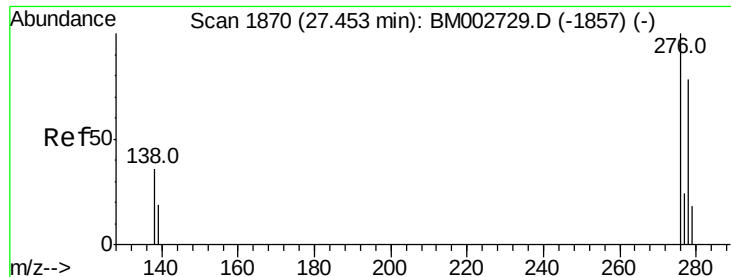
Delta R.T. 0.00 min

Lab File: BM002733.D

Acq: 28 Sep 2015 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1288562		
253	21.9	21.8	32.8	
125	17.3	14.5	21.7	





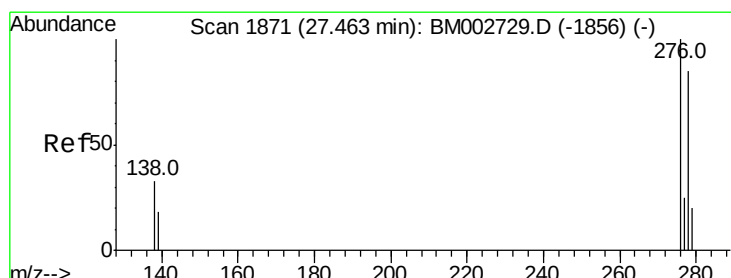
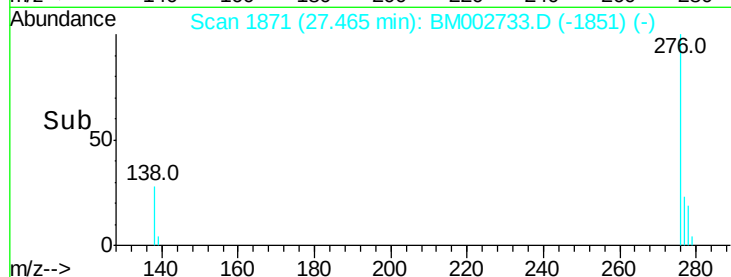
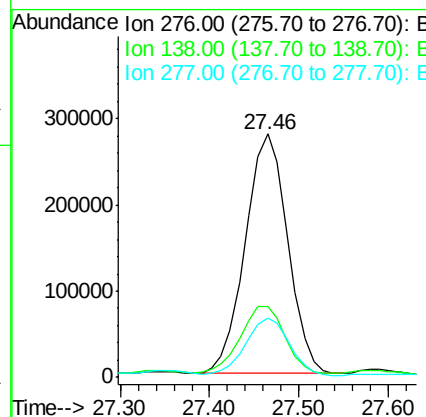
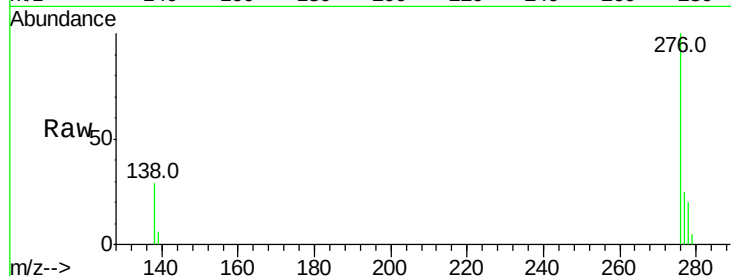
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 5.57 ng/ul
 RT: 27.46 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BM002733.D
 Acq: 28 Sep 2015 14:11

Instrument :
 BNA_M
 ClientSampleId :
 D9G66

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	29.4	27.5	41.3	
277	24.4	19.3	28.9	

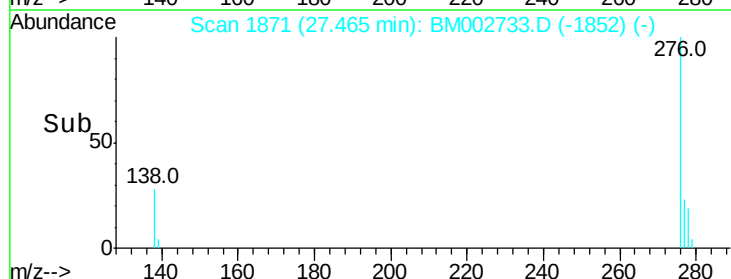
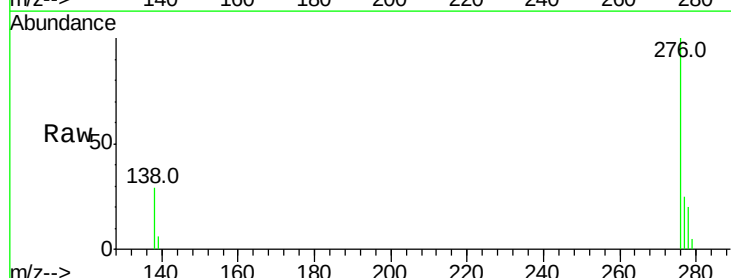
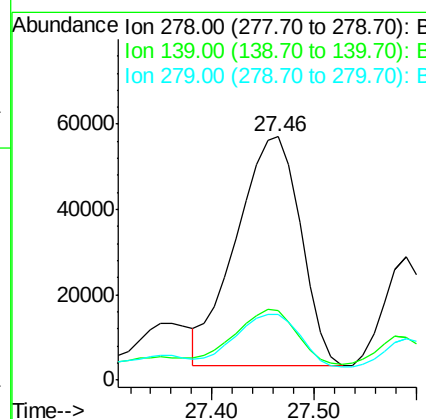
Manual Integrations
 APPROVED

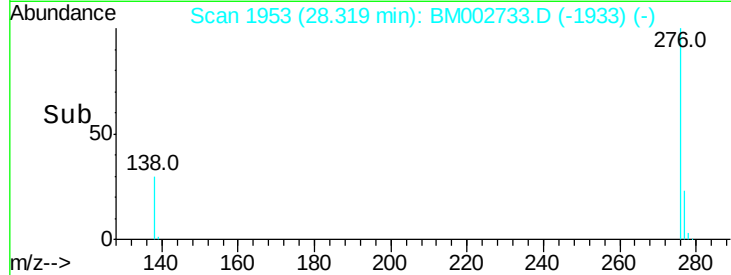
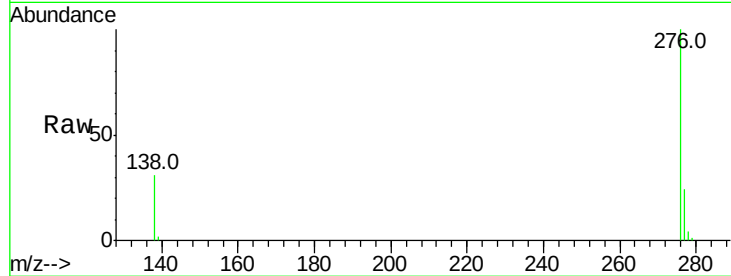
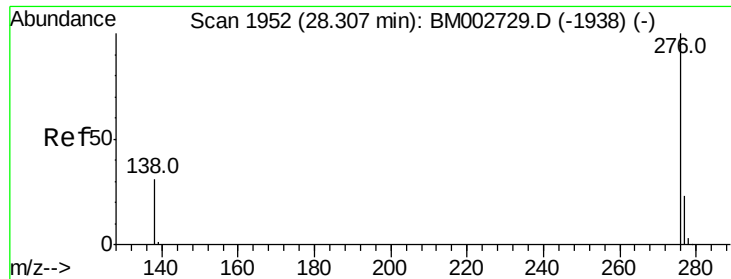
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#27
 Dibenzo(a,h)anthracene
 Concen: 1.74 ng/ul
 RT: 27.46 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BM002733.D
 Acq: 28 Sep 2015 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	28.3	21.7	32.5	
279	26.8	21.9	32.9	





#28
 Benzo(a,h,i)perylene
 Concen: 6.06 ng/ul
 RT: 28.32 min Scan# 1953
 Delta R.T. 0.01 min
 Lab File: BM002733.D
 Acq: 28 Sep 2015 14:11

Instrument :
 BNA_M
 ClientSampleId :
 D9G66

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	21.3	31.9
138	30.8	25.5	38.3

Manual Integrations
 APPROVED

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