

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002752.D
 Acq On : 29 Sep 2015 02:22
 Operator : UM/IZ
 Sample : G3798-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G70

Manual Integrations
 APPROVED

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 9/29/2015 3:44:19 PM

Quant Time: Sep 29 05:13:43 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 02:52:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	8677	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	33677	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	17527	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	37806	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	37604	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	36219	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	19389	2.16	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	6620m	0.13	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	10936	0.12	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	11.65	128	2407	0.03	ng/ul#	88
7) 2-Methylnaphthalene	13.20	142	2234	0.04	ng/ul	99
9) Acenaphthylene	15.06	152	6790	0.08	ng/ul	98
10) Acenaphthene	15.38	153	1173	0.02	ng/ul#	89
11) Fluorene	16.36	166	1771m	0.02	ng/ul	
14) Phenanthrene	18.08	178	12969	0.11	ng/ul	98
15) Anthracene	18.17	178	4615m	0.04	ng/ul	
17) Fluoranthene	20.03	202	28512	0.21	ng/ul	97
19) Pyrene	20.40	202	23975	0.16	ng/ul#	92
20) Benzo(a)anthracene	22.10	228	11119	0.09	ng/ul#	78
21) Chrysene	22.16	228	12348	0.10	ng/ul#	78
23) Benzo(b)fluoranthene	23.92	252	19798m	0.15	ng/ul	
24) Benzo(k)fluoranthene	23.97	252	4796m	0.04	ng/ul	
25) Benzo(a)pyrene	24.61	252	11520	0.10	ng/ul#	38
26) Indeno(1,2,3-cd)pyrene	27.47	276	9386	0.07	ng/ul	92
28) Benzo(a,h,i)perylene	28.33	276	11956	0.11	ng/ul#	70

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

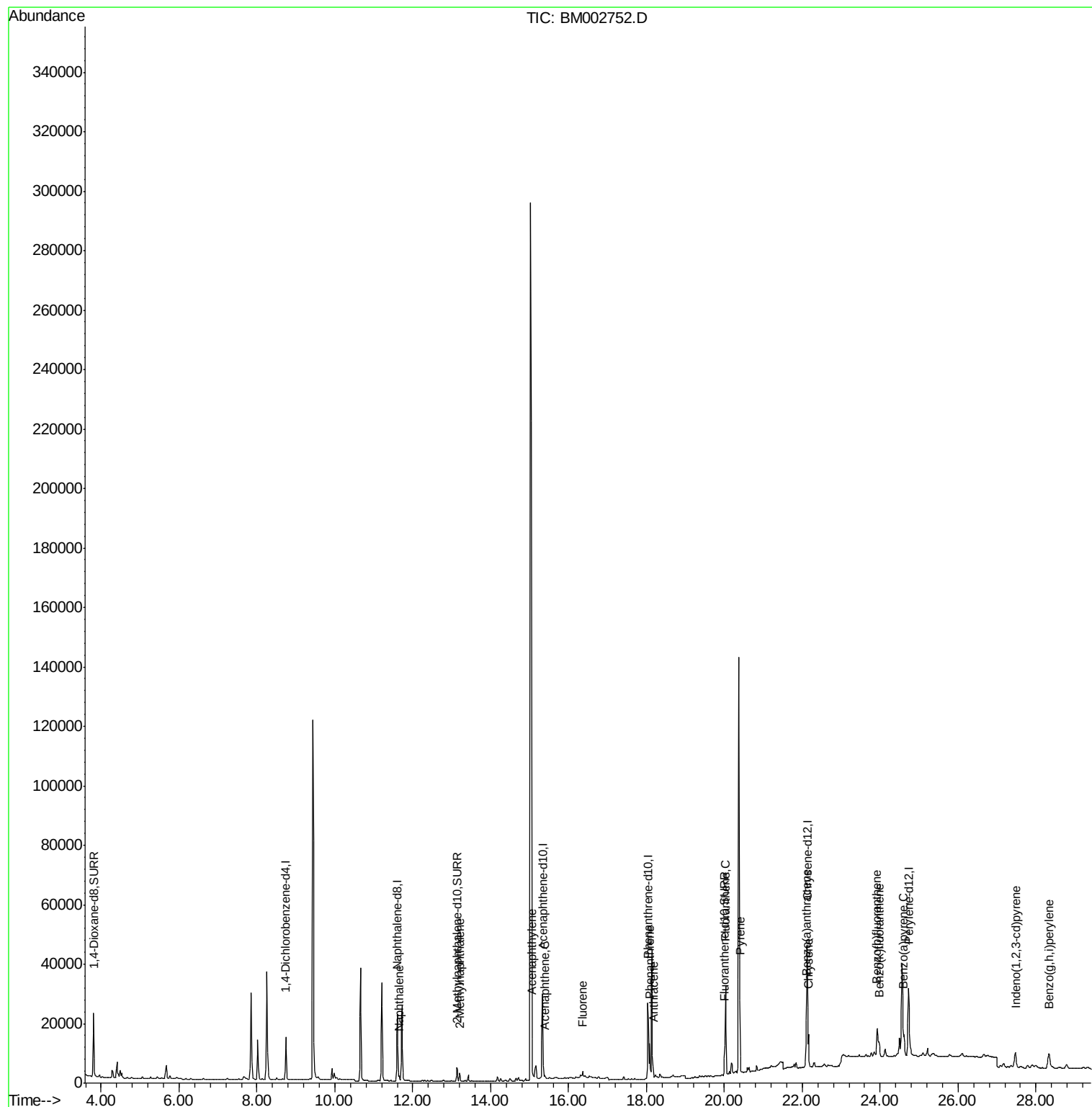
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
Data File : BM002752.D
Acq On : 29 Sep 2015 02:22
Operator : UM/IZ
Sample : G3798-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

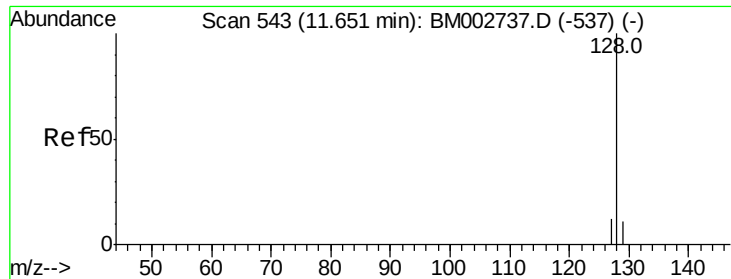
Instrument :
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#5

Naphthalene

Concen: 0.03 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

Lab File: BM002752.D

Acq: 29 Sep 2015 02:22

Instrument :

BNA_M

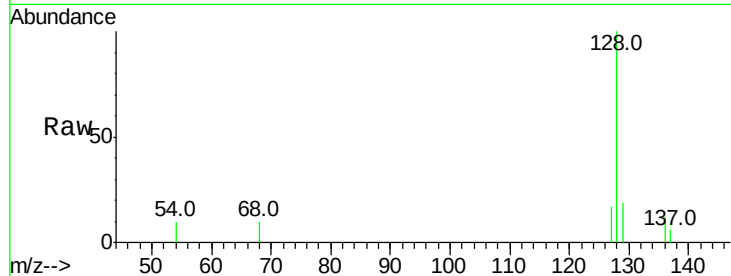
ClientSampleId :

D9G70

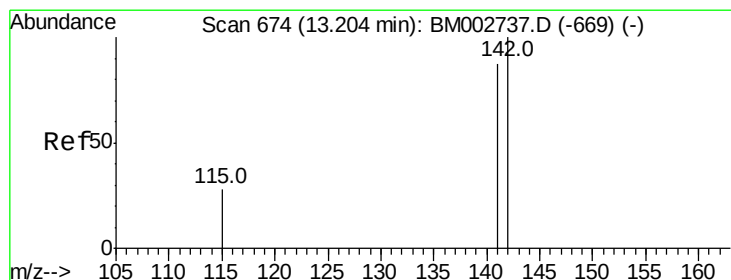
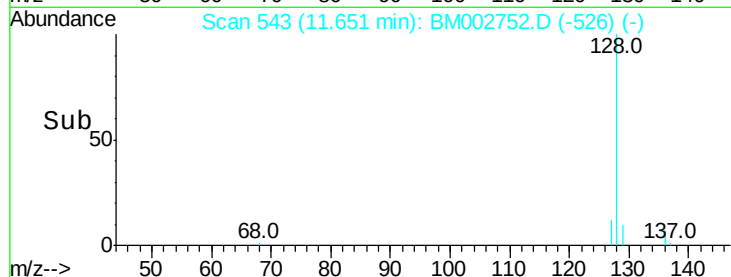
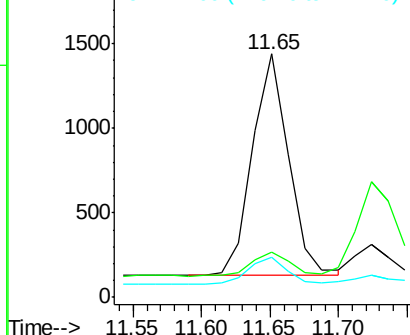
Tot Ion:	128	Resp:	2407
Ion Ratio	Lower	Upper	
128	100		
129	18.6	9.8	14.8#
127	16.6	10.7	16.1#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.04 ng/ul

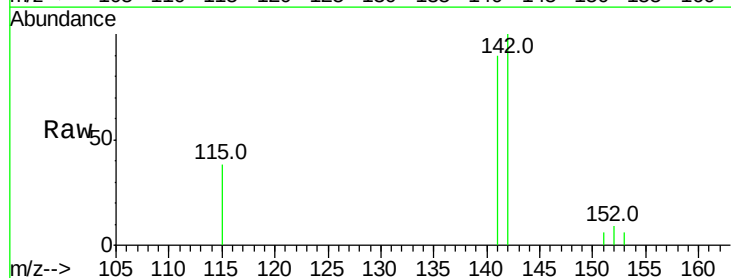
RT: 13.20 min Scan# 674

Delta R.T. -0.00 min

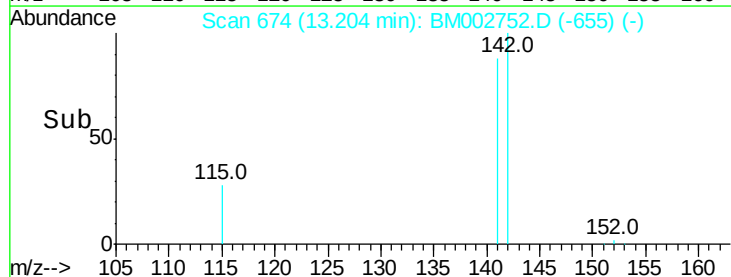
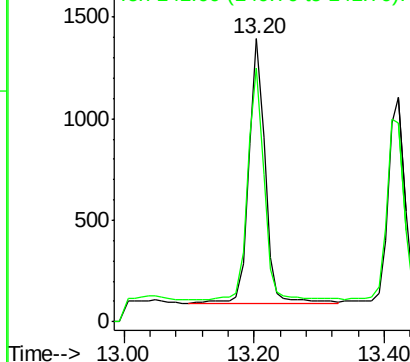
Lab File: BM002752.D

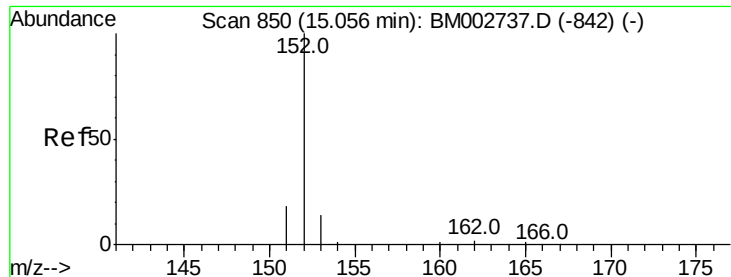
Acq: 29 Sep 2015 02:22

Tgt Ion:	142	Resp:	2234
Ion Ratio	Lower	Upper	
142	100		
141	89.2	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: 0.08 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM002752.D

Acq: 29 Sep 2015 02:22

Instrument :

BNA_M

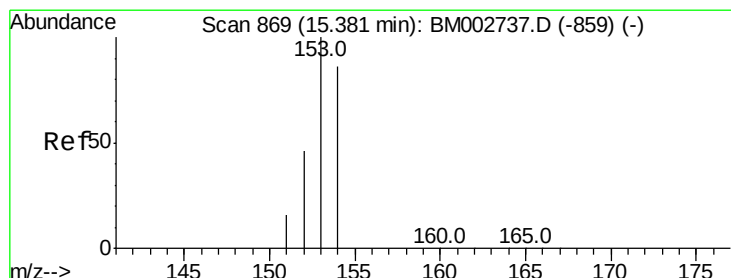
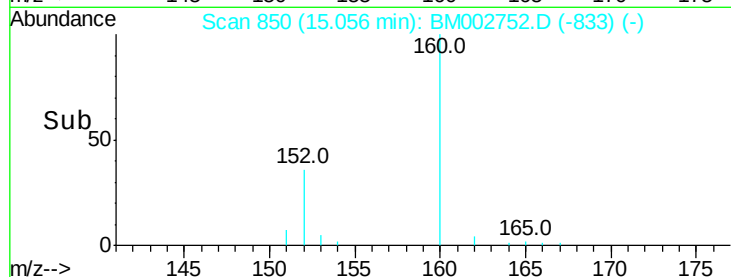
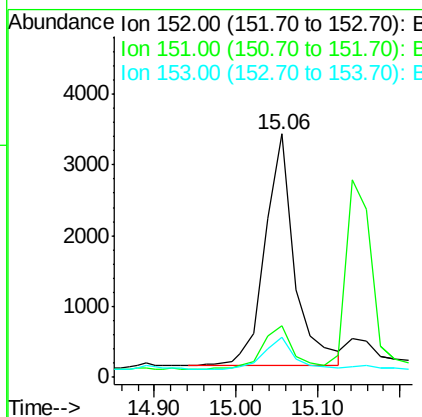
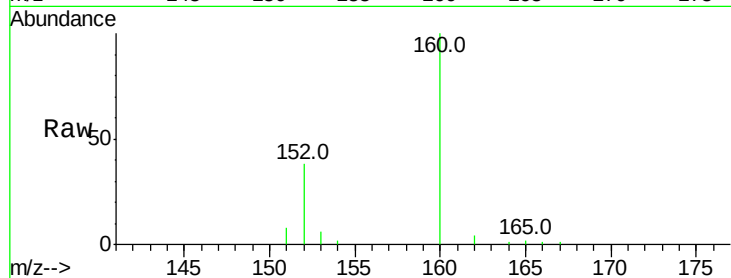
ClientSampleId :

D9G70

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Tot Ion:	152	Resp:	6790
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.8	25.2
153	16.5	11.3	16.9



#10

Acenaphthene

Concen: 0.02 ng/ul

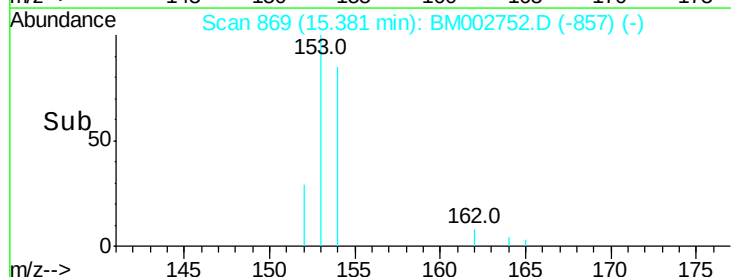
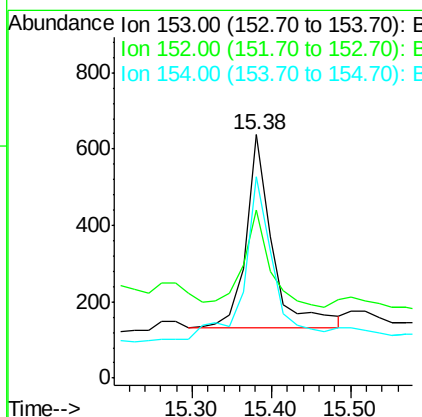
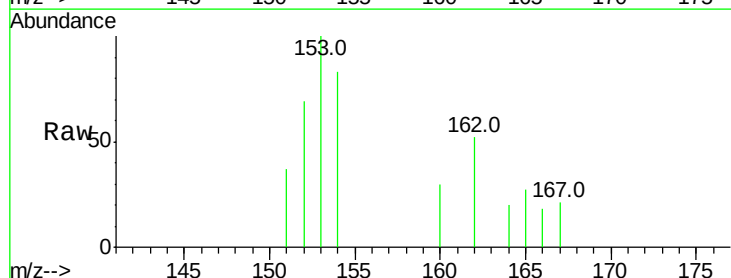
RT: 15.38 min Scan# 869

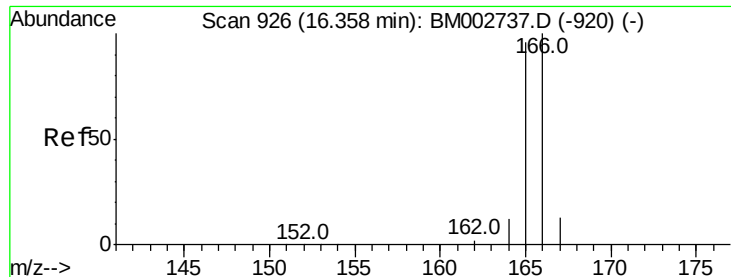
Delta R.T. -0.00 min

Lab File: BM002752.D

Acq: 29 Sep 2015 02:22

Tgt Ion:	153	Resp:	1173
Ion Ratio	Lower	Upper	
153	100		
152	69.3	42.3	63.5#
154	82.9	64.7	97.1





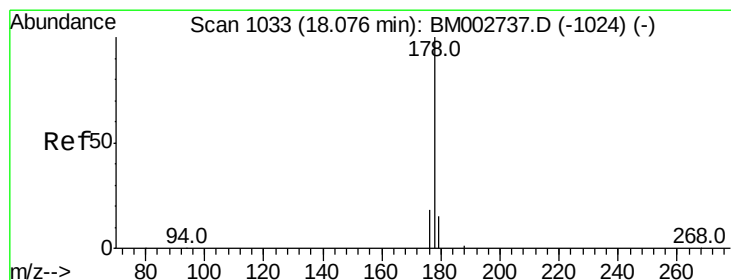
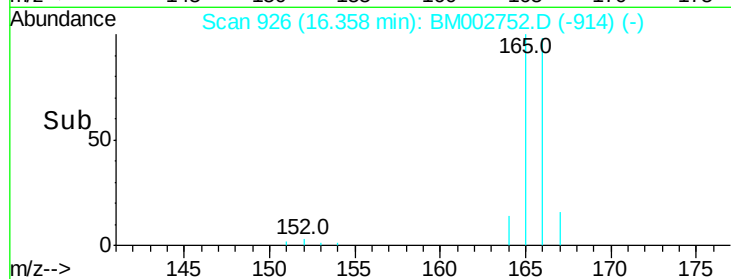
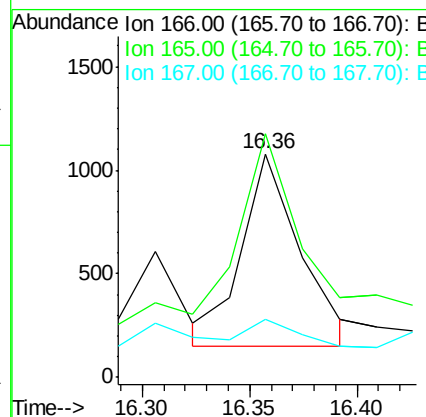
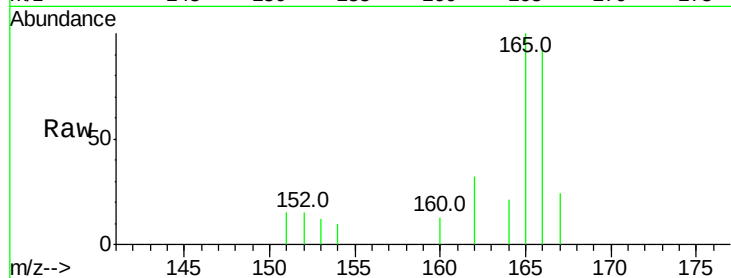
#11
Fluorene
 Concen: 0.02 ng/ul m
 RT: 16.36 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BM002752.D
 Acq: 29 Sep 2015 02:22

Instrument :
 BNA_M
 ClientSampleId :
 D9G70

Tot Ion	Ratio	Lower	Upper
166	100		
165	109.0	87.6	131.4
167	25.8	11.1	16.7#

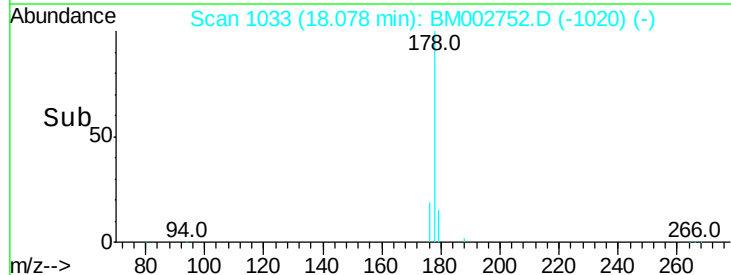
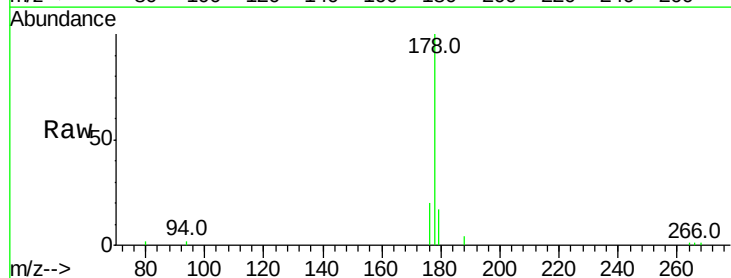
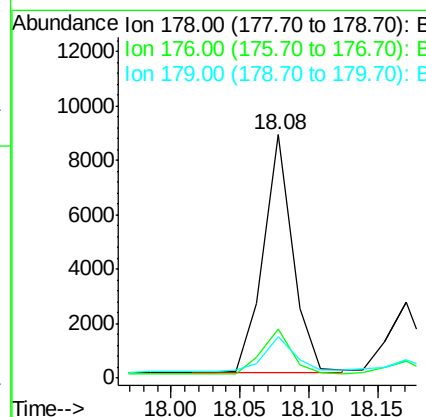
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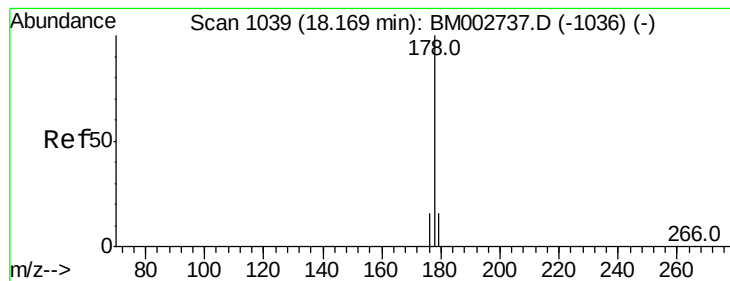
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#14
Phenanthrene
 Concen: 0.11 ng/ul
 RT: 18.08 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BM002752.D
 Acq: 29 Sep 2015 02:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	17.1	12.8	19.2





#15

Anthracene

Concen: 0.04 ng/ul m

RT: 18.17 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM002752.D

Acq: 29 Sep 2015 02:22

Instrument :

BNA_M

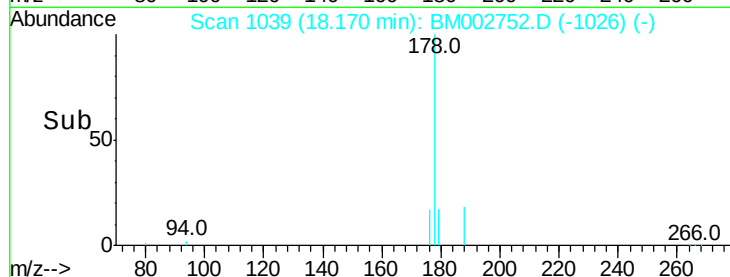
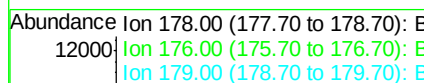
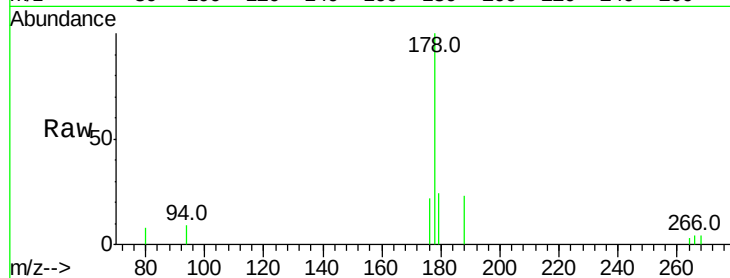
ClientSampleId :

D9G70

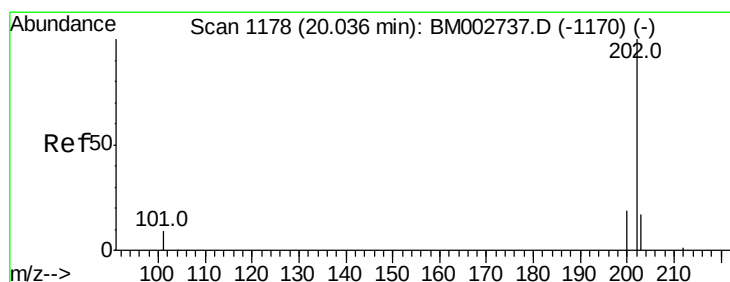
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Tot Ion:	178	Resp:	4615
Ion Ratio	Lower	Upper	
178	100		
176	21.9	15.8	23.8
179	23.8	13.3	19.9#



Time-->



#17

Fluoranthene

Concen: 0.21 ng/ul

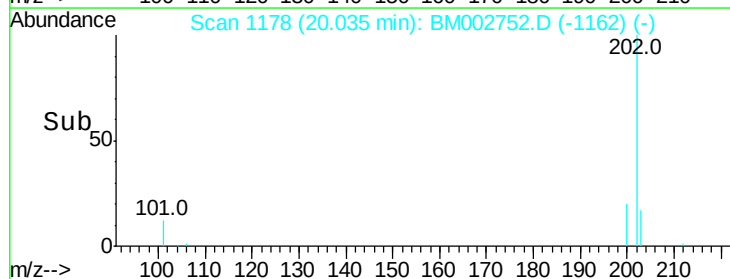
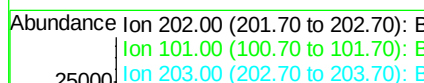
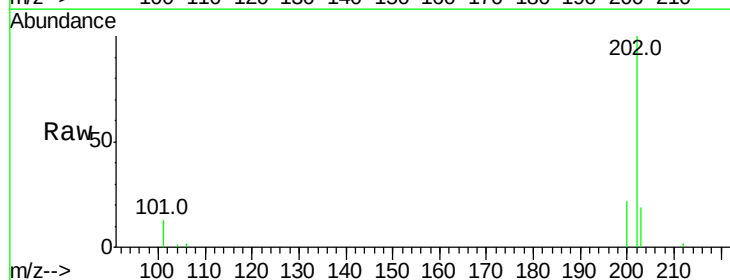
RT: 20.03 min Scan# 1178

Delta R.T. -0.00 min

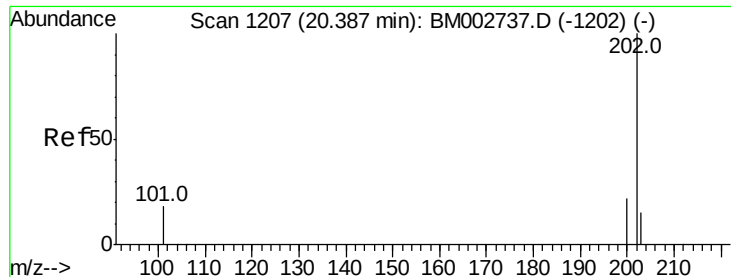
Lab File: BM002752.D

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Tgt Ion:	202	Resp:	28512
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	33.1
203	19.2	0.0	37.2



Time-->



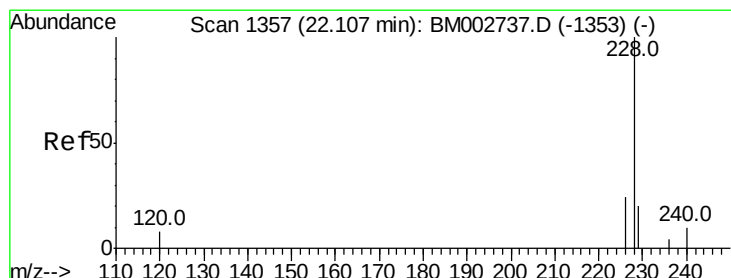
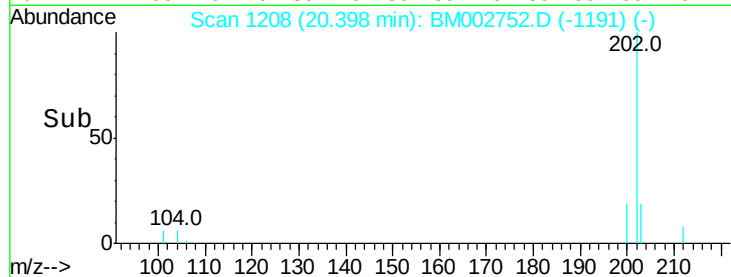
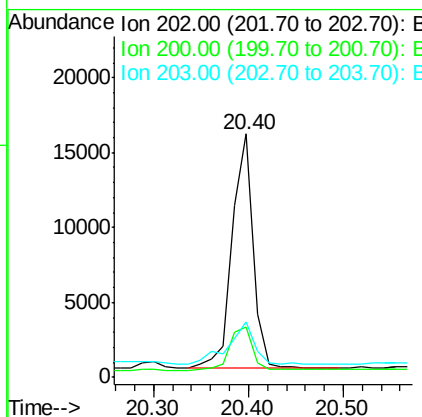
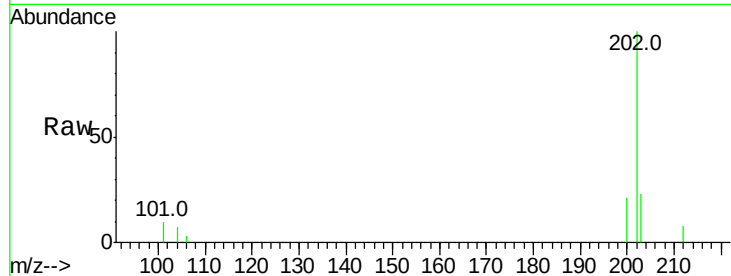
#19
Pvrene
Concen: 0.16 ng/ul
RT: 20.40 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BM002752.D
Acq: 29 Sep 2015 02:22

Instrument :
BNA_M
ClientSampleId :
D9G70

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.0	27.0
203	22.9	13.8	20.6

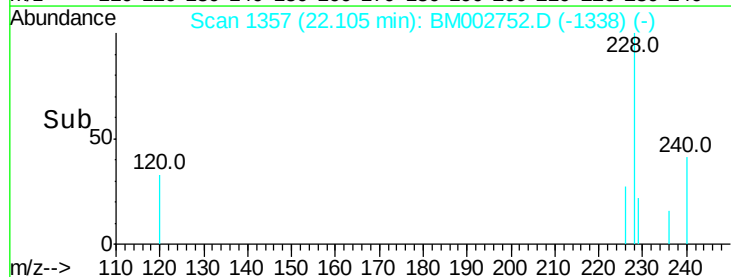
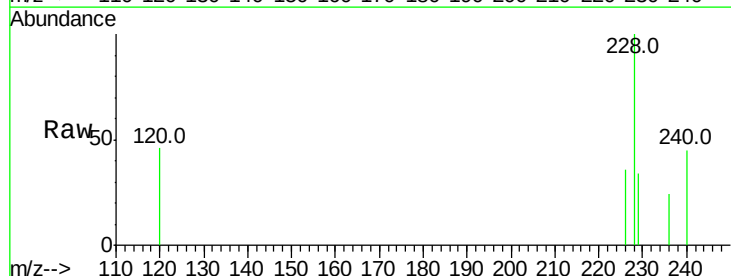
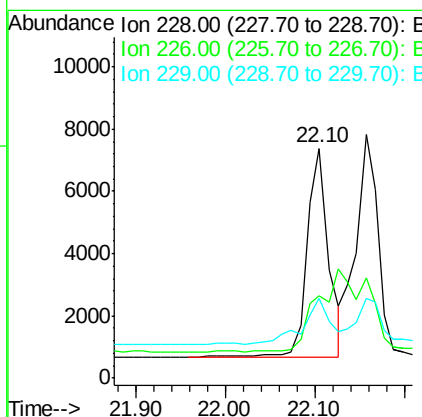
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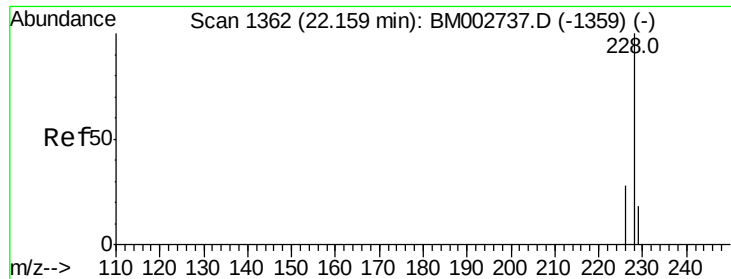
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#20
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 22.10 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BM002752.D
Acq: 29 Sep 2015 02:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.0	23.0	34.4
229	34.5	15.2	22.8





#21

Chrysene

Concen: 0.10 ng/ul

RT: 22.16 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BM002752.D

Acq: 29 Sep 2015 02:22

Instrument :

BNA_M

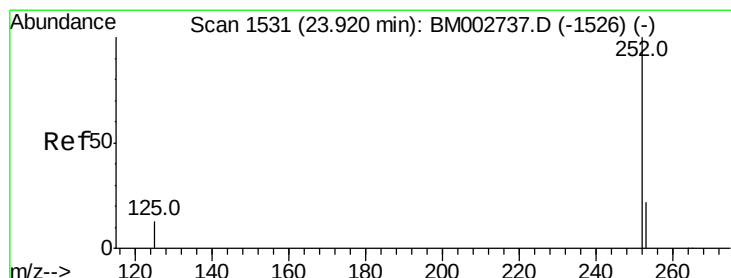
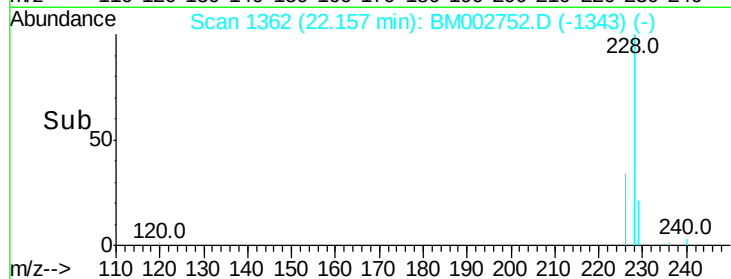
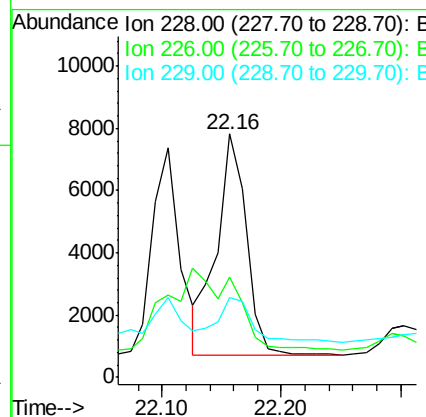
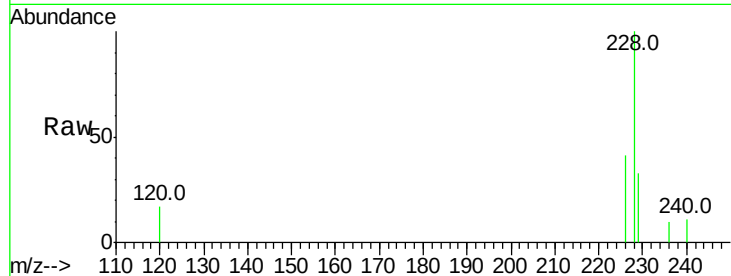
ClientSampleId :

D9G70

Tot Ion:	228	Resp:	12348
Ion Ratio	Lower	Upper	
228	100		
226	41.4	25.7	38.5#
229	32.8	15.2	22.8#

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#23

Benzo(b)fluoranthene

Concen: 0.15 ng/ul m

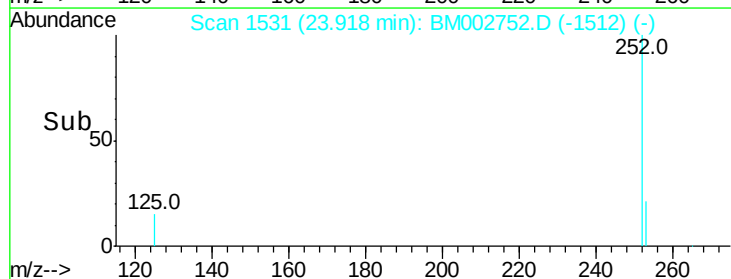
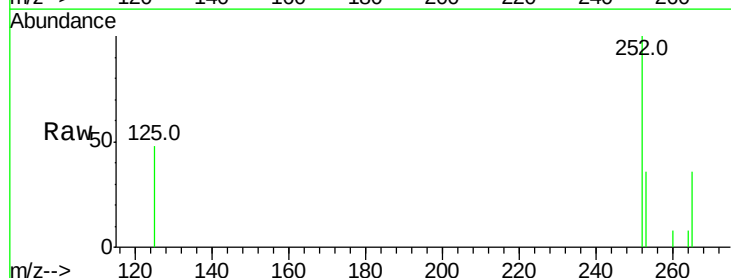
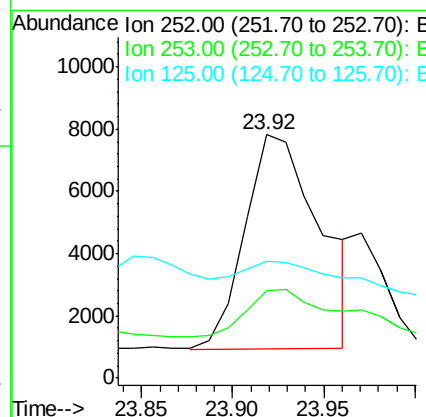
RT: 23.92 min Scan# 1531

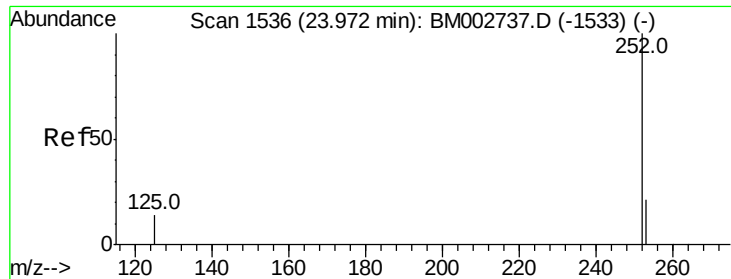
Delta R.T. -0.00 min

Lab File: BM002752.D

Acq: 29 Sep 2015 02:22

Tgt Ion:	252	Resp:	19798
Ion Ratio	Lower	Upper	
252	100		
253	35.8	0.0	48.0
125	48.3	0.0	36.6#





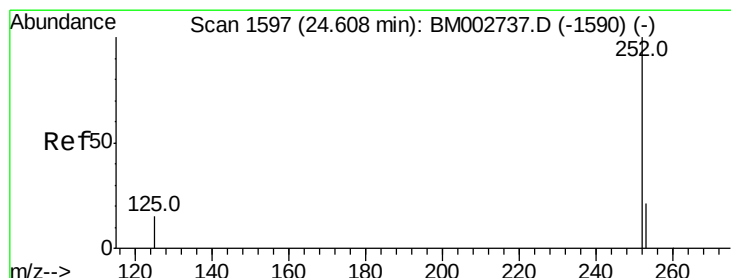
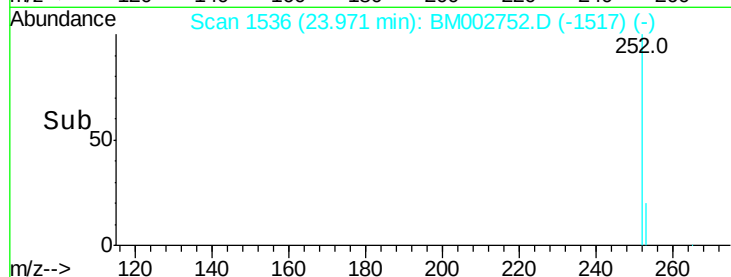
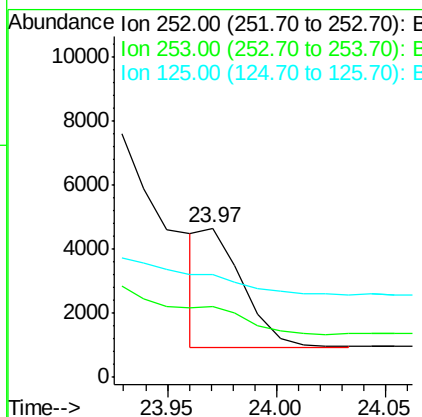
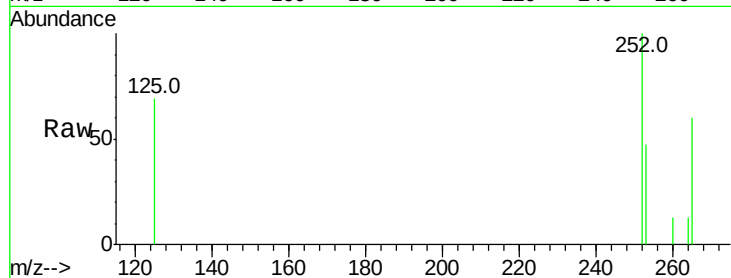
#24
Benzo(k)fluoranthene
Concen: 0.04 ng/ul m
RT: 23.97 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BM002752.D
Acq: 29 Sep 2015 02:22

Instrument :
BNA_M
ClientSampleId :
D9G70

Tot Ion	Ratio	Lower	Upper
252	100		
253	47.1	20.8	31.2#
125	69.0	12.2	18.4#

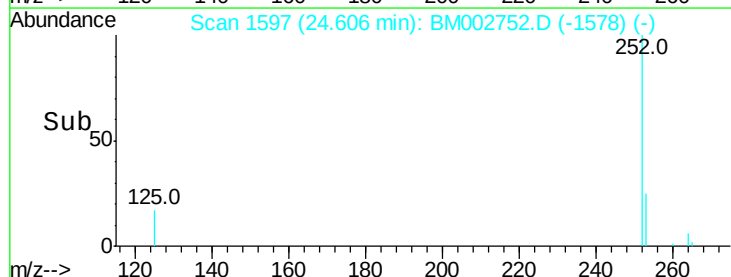
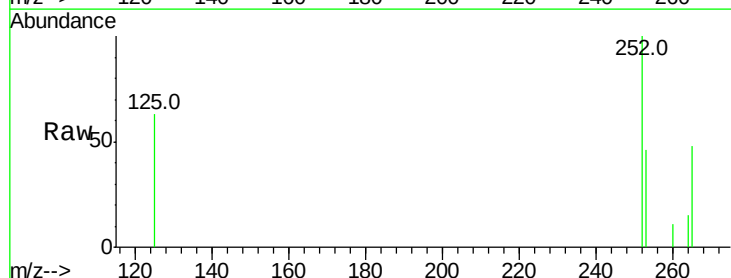
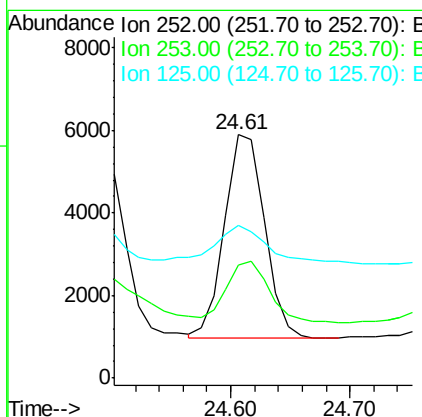
Manual Integrations
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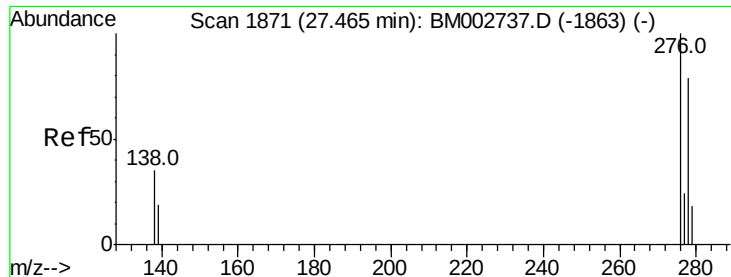
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#25
Benzo(a)pyrene
Concen: 0.10 ng/ul
RT: 24.61 min Scan# 1597
Delta R.T. -0.00 min
Lab File: BM002752.D
Acq: 29 Sep 2015 02:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.3	21.8	32.8#
125	62.9	14.5	21.7#





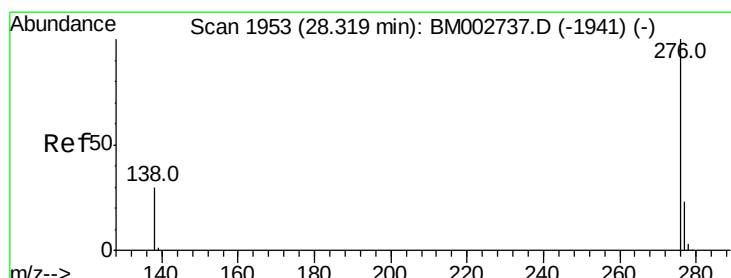
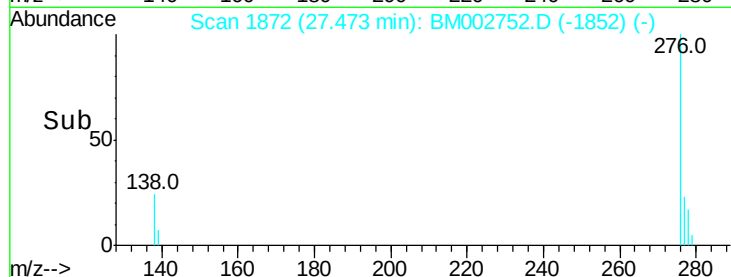
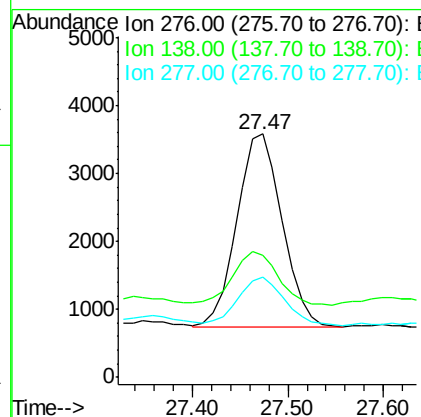
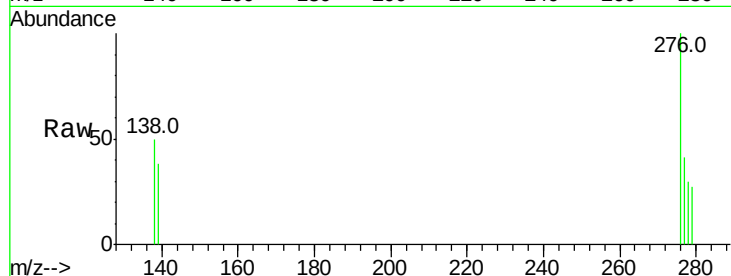
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.07 ng/ul
 RT: 27.47 min Scan# 1872
 Delta R.T. 0.01 min
 Lab File: BM002752.D
 Acq: 29 Sep 2015 02:22

Instrument :
 BNA_M
 ClientSampleId :
 D9G70

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	27.5	41.3
277	25.1	19.3	28.9

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:44:19 PM



#28
 Benzo(g,h,i)perylene
 Concen: 0.11 ng/ul
 RT: 28.33 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: BM002752.D
 Acq: 29 Sep 2015 02:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	39.1	21.3	31.9#
138	51.4	25.5	38.3#

