

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002735.D
 Acq On : 28 Sep 2015 16:02
 Operator : UM/IZ
 Sample : G3798-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G71

Manual Integrations
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 9/29/2015 3:42:37 PM

Quant Time: Sep 29 05:28:06 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	10531	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	41151	0.40	ng/ul	0.01
8) Acenaphthene-d10	15.33	164	22327	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	45828	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	44847	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	42161	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	31509	2.90	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	8193m	0.14	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	14662	0.13	ng/ul	0.01
Target Compounds						
					Ovalue	
5) Naphthalene	11.65	128	16028	0.14	ng/ul#	86
7) 2-Methylnaphthalene	13.20	142	9303	0.13	ng/ul	94
9) Acenaphthylene	15.06	152	12338	0.11	ng/ul#	89
10) Acenaphthene	15.38	153	5415	0.06	ng/ul	91
11) Fluorene	16.36	166	3858m	0.04	ng/ul	
14) Phenanthrene	18.08	178	9896	0.07	ng/ul#	78
15) Anthracene	18.17	178	25328m	0.18	ng/ul	
17) Fluoranthene	20.03	202	73274	0.45	ng/ul	92
19) Pyrene	20.40	202	59706	0.34	ng/ul#	88
20) Benzo(a)anthracene	22.10	228	18285	0.12	ng/ul#	71
21) Chrysene	22.16	228	15317	0.11	ng/ul#	56
26) Indeno(1,2,3-cd)pyrene	27.46	276	9495	0.06	ng/ul	97
28) Benzo(g,h,i)perylene	28.33	276	10053	0.08	ng/ul#	27

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

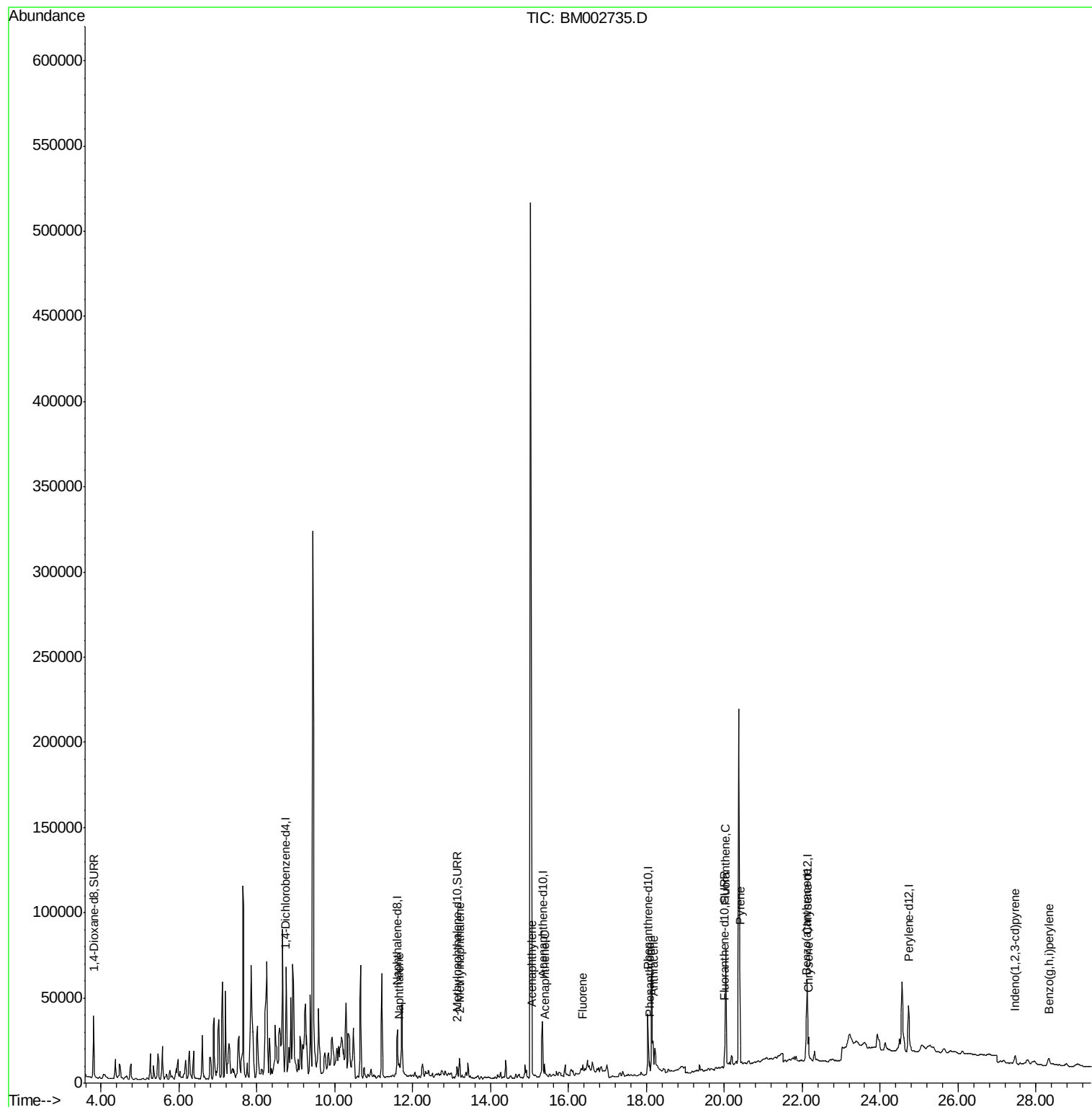
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
Data File : BM002735.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

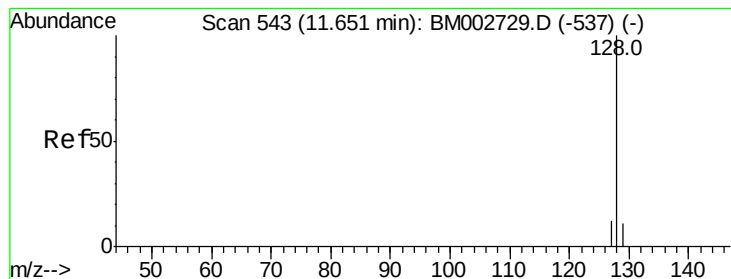
Instrument :
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QLast Update : Tue Sep 29 00:32:23 2015
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#5

Naphthalene

Concen: 0.14 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

Lab File: BM002735.D

Acq: 28 Sep 2015 16:02

Instrument :

BNA_M

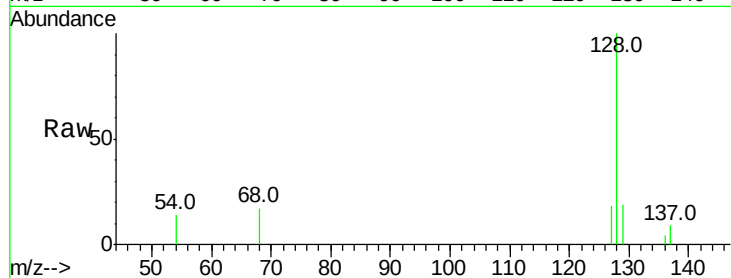
ClientSampleId :

D9G71

Tot Ion	Ratio	Lower	Upper
128	100		
129	18.8	9.8	14.8#
127	18.1	10.7	16.1#

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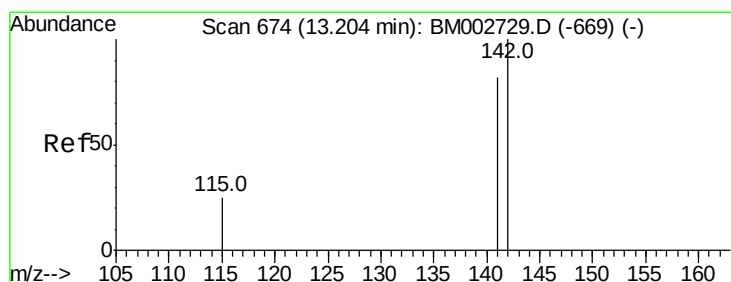
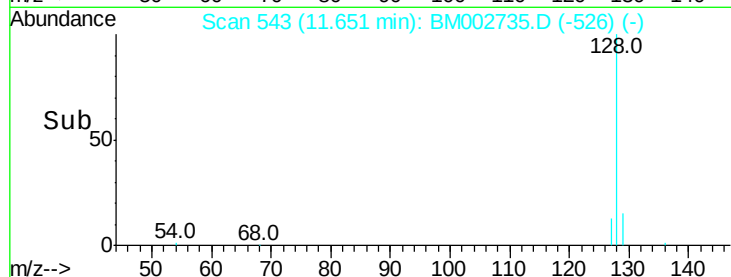
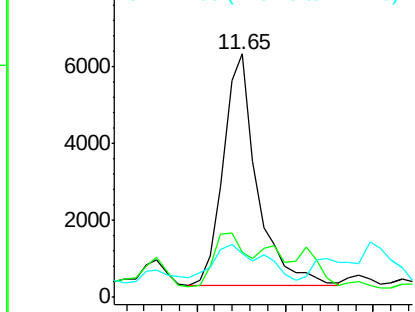
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.13 ng/ul

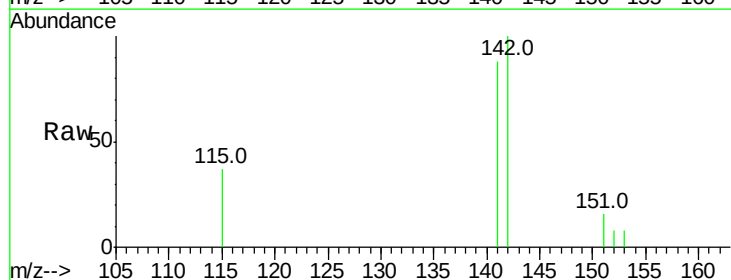
RT: 13.20 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM002735.D

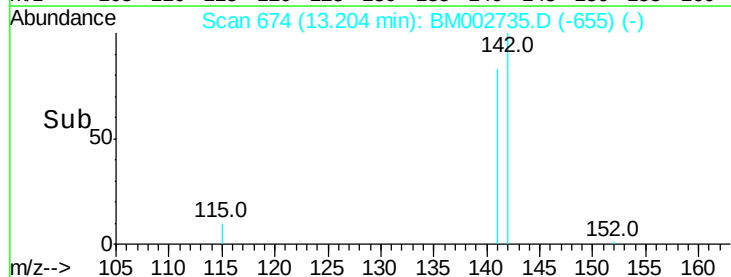
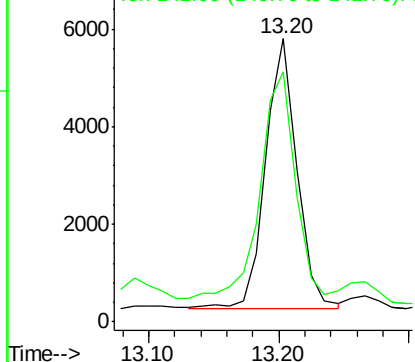
Acq: 28 Sep 2015 16:02

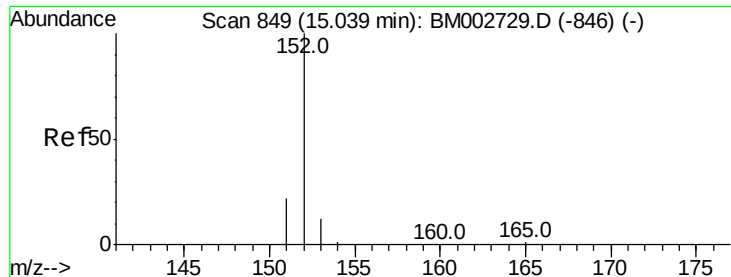
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.11 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. 0.02 min

Lab File: BM002735.D

Acq: 28 Sep 2015 16:02

Instrument :

BNA_M

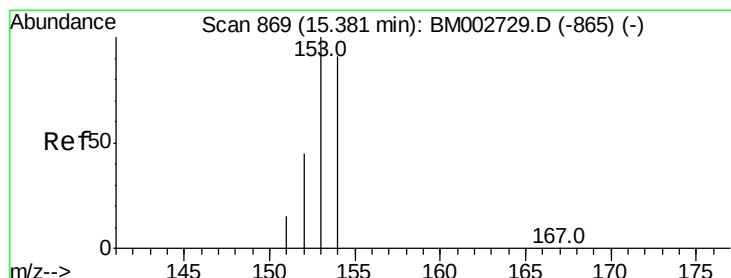
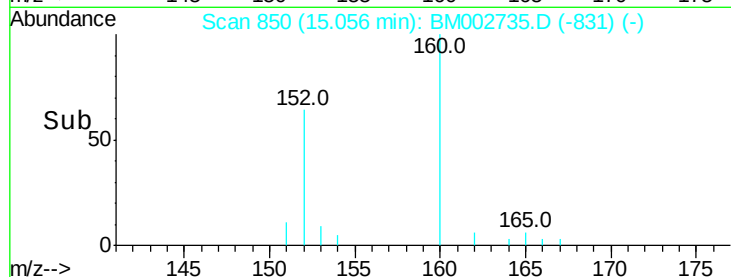
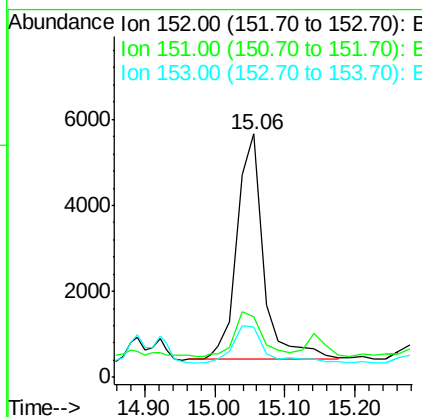
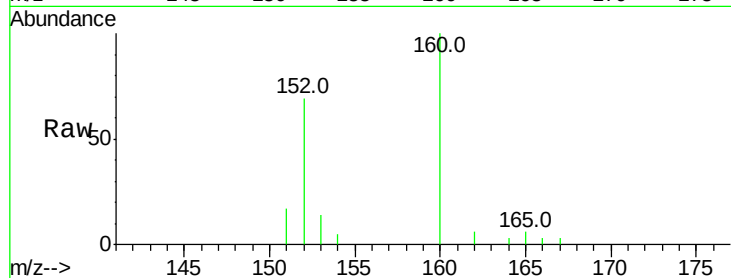
ClientSampleId :

D9G71

Tot Ion:	152	Resp:	12338
Ion Ratio	Lower	Upper	
152	100		
151	24.7	16.8	25.2
153	20.9	11.3	16.9#

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#10

Acenaphthene

Concen: 0.06 ng/ul

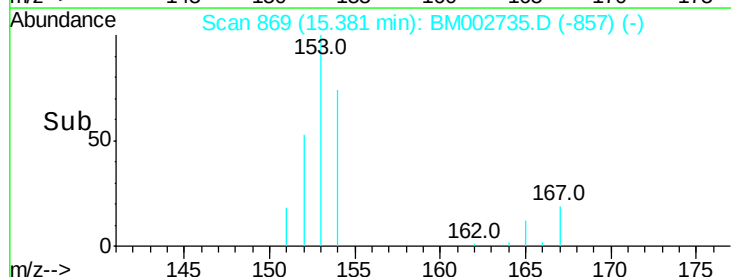
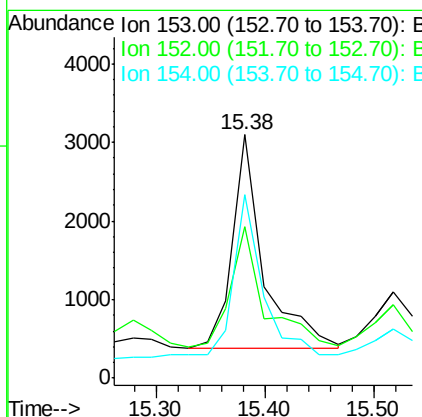
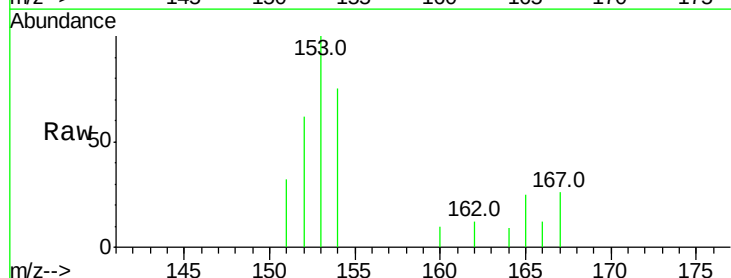
RT: 15.38 min Scan# 869

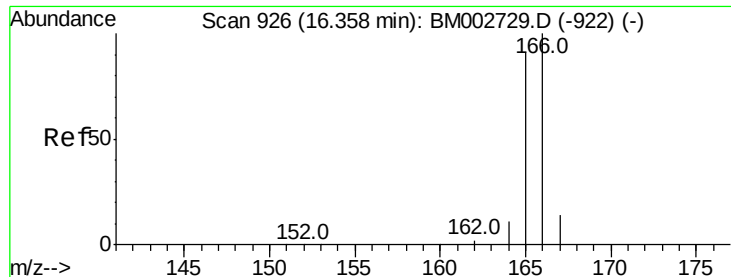
Delta R.T. -0.00 min

Lab File: BM002735.D

Acq: 28 Sep 2015 16:02

Tgt Ion:	153	Resp:	5415
Ion Ratio	Lower	Upper	
153	100		
152	62.1	42.3	63.5
154	75.3	64.7	97.1





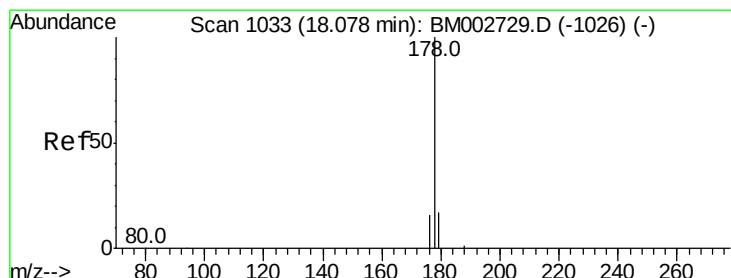
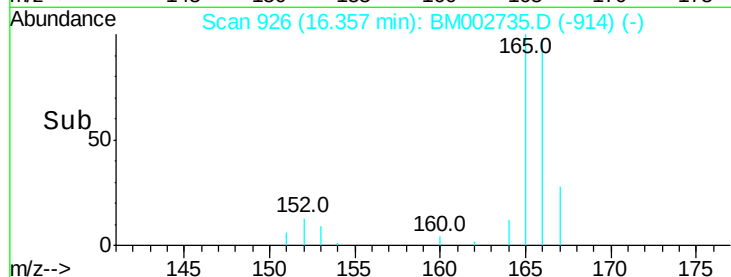
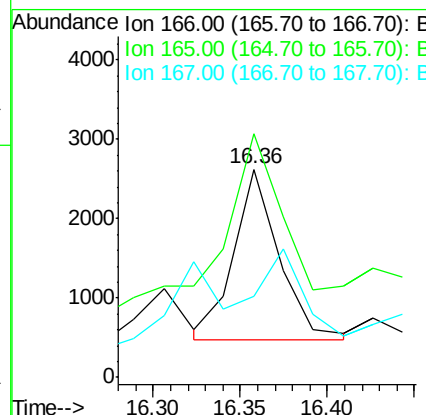
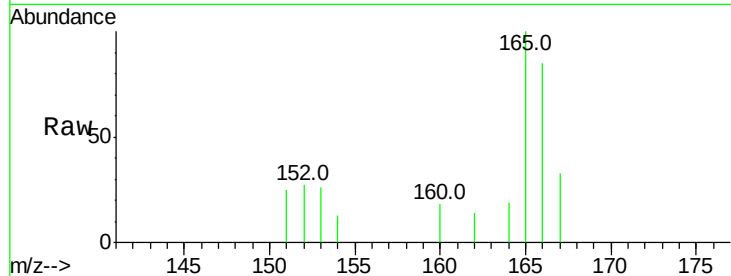
#11
Fluorene
Concen: 0.04 ng/ul m
RT: 16.36 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM002735.D
Acq: 28 Sep 2015 16:02

Instrument :
BNA_M
ClientSampleId :
D9G71

Tot Ion	Ratio	Lower	Upper
166	100		
165	117.1	87.6	131.4
167	38.9	11.1	16.7#

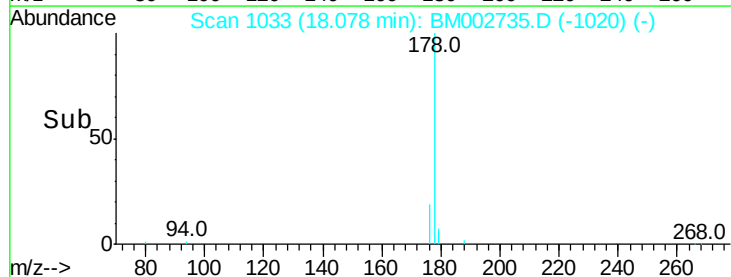
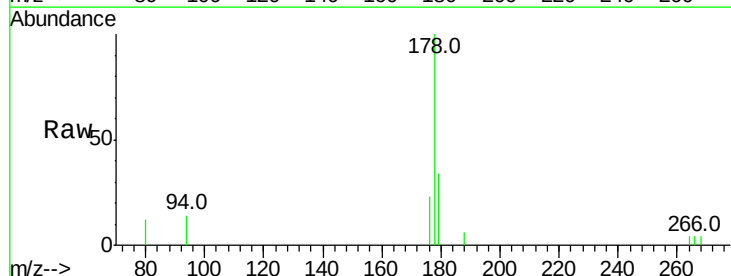
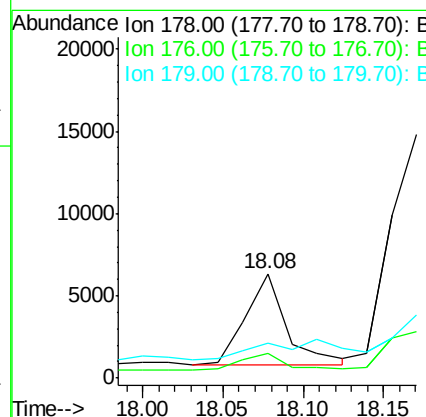
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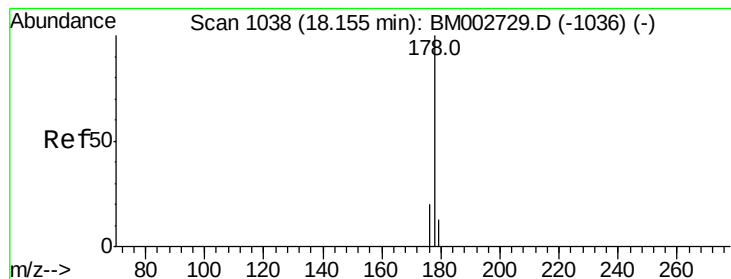
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#14
Phenanthrene
Concen: 0.07 ng/ul
RT: 18.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BM002735.D
Acq: 28 Sep 2015 16:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.4	16.2	24.4
179	34.0	12.8	19.2#





#15

Anthracene

Concen: 0.18 ng/ul m

RT: 18.17 min Scan# 1039

Delta R.T. 0.02 min

Lab File: BM002735.D

Acq: 28 Sep 2015 16:02

Instrument :

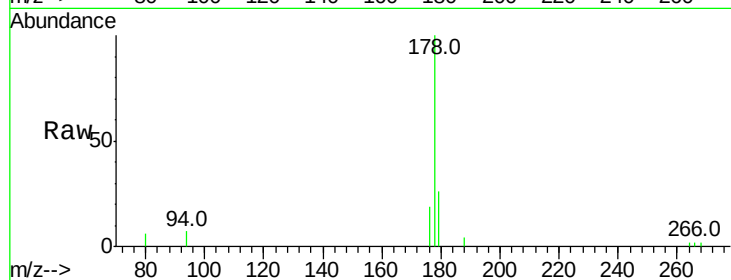
BNA_M

ClientSampleId :

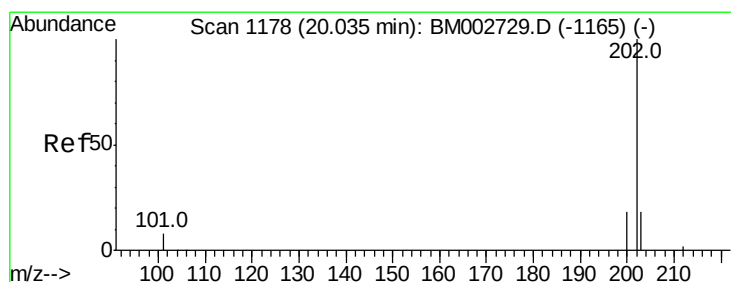
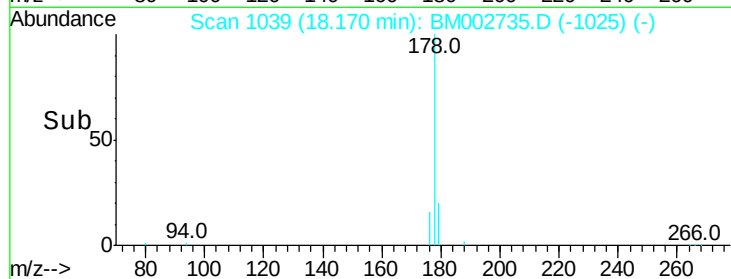
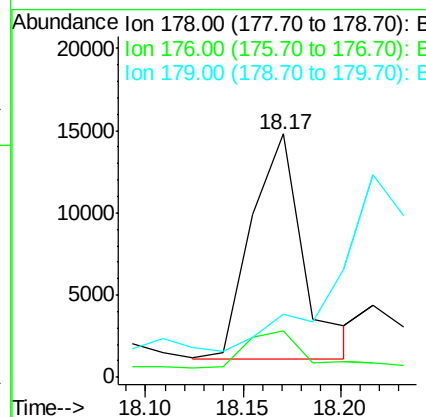
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Tot Ion:	178	Resp:	25328
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.8	23.8
179	26.0	13.3	19.9#



#17

Fluoranthene

Concen: 0.45 ng/ul

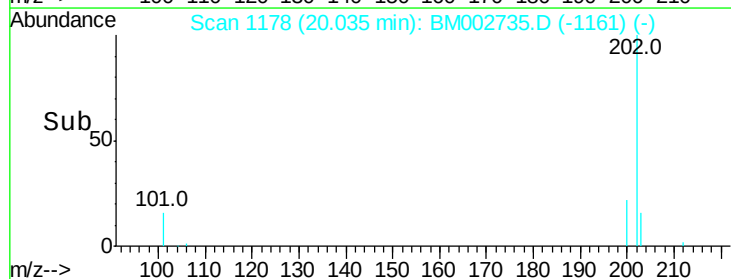
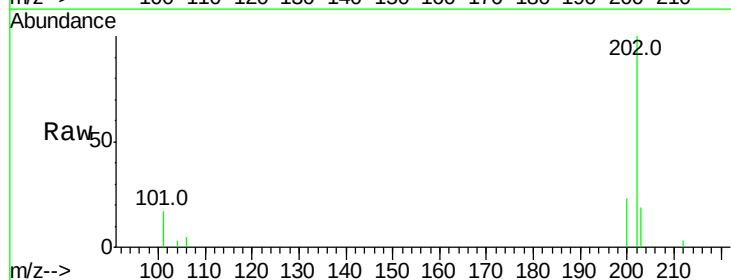
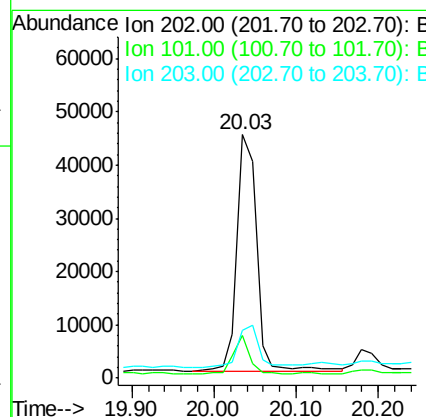
RT: 20.03 min Scan# 1178

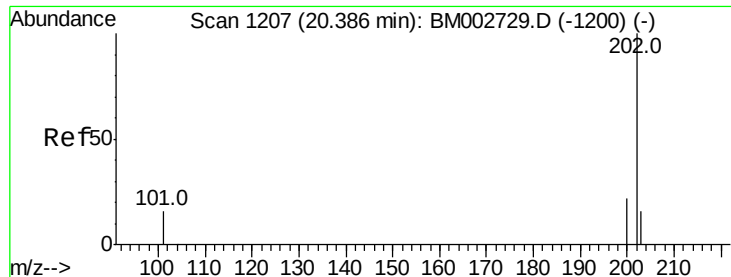
Delta R.T. -0.00 min

Lab File: BM002735.D

Acq: 28 Sep 2015 16:02

Tgt Ion:	202	Resp:	73274
Ion Ratio	Lower	Upper	
202	100		
101	17.3	0.0	33.1
203	19.4	0.0	37.2





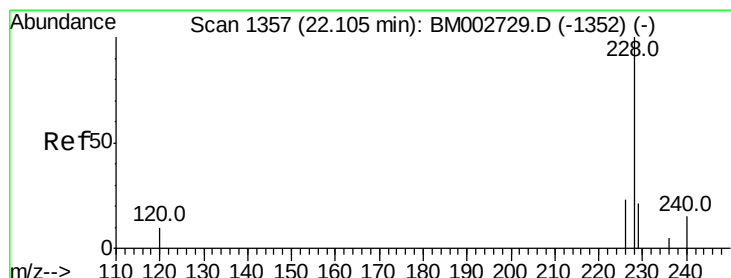
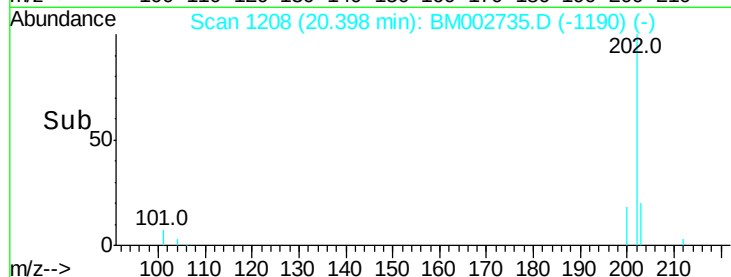
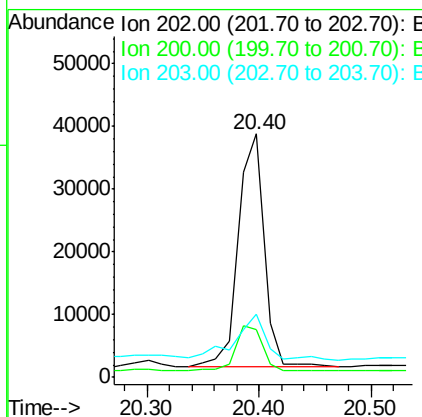
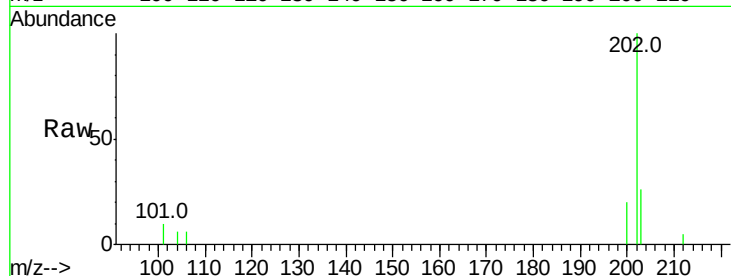
#19
Pvrene
Concen: 0.34 ng/ul
RT: 20.40 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BM002735.D
Acq: 28 Sep 2015 16:02

Instrument :
BNA_M
ClientSampleId :
D9G71

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.8	18.0	27.0
203	25.8	13.8	20.6#

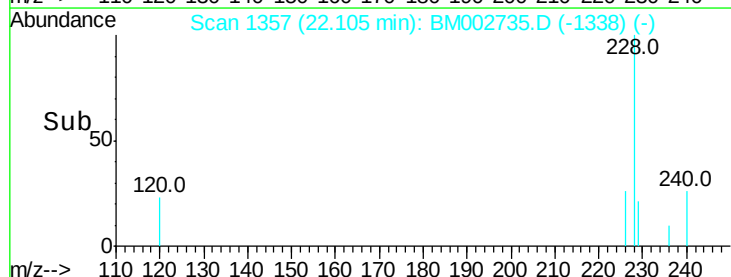
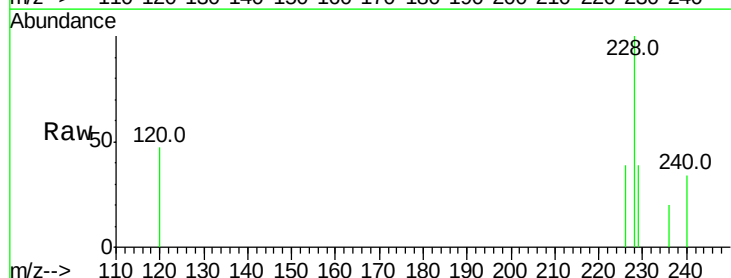
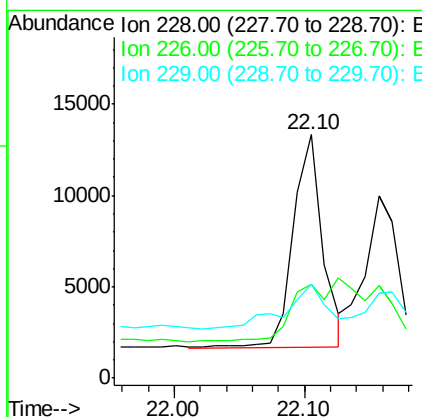
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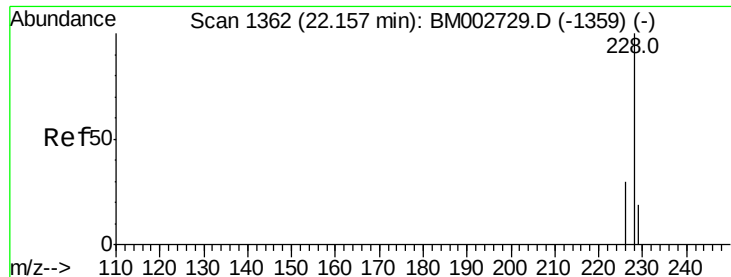
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#20
Benzo(a)anthracene
Concen: 0.12 ng/ul
RT: 22.10 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BM002735.D
Acq: 28 Sep 2015 16:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	38.7	23.0	34.4#
229	38.8	15.2	22.8#





#21

Chrysene

Concen: 0.11 ng/ul

RT: 22.16 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BM002735.D

Acq: 28 Sep 2015 16:02

Instrument :

BNA_M

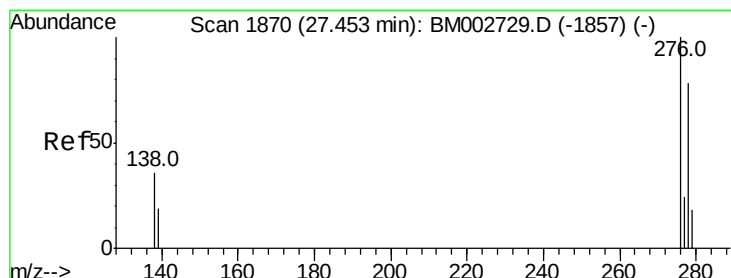
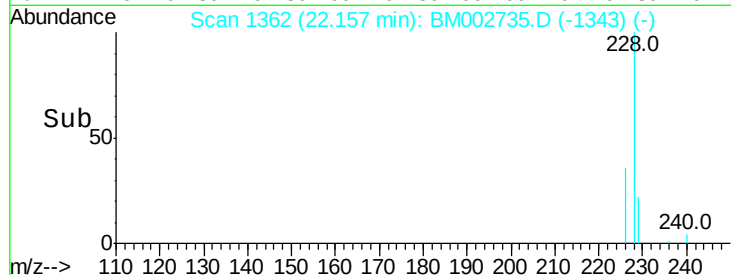
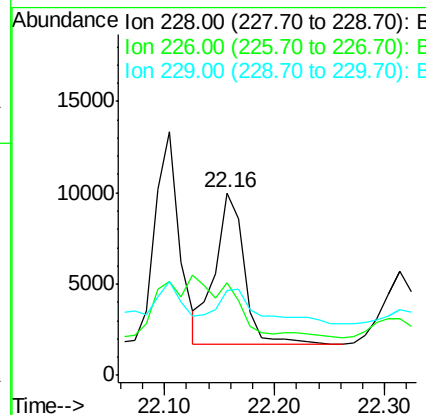
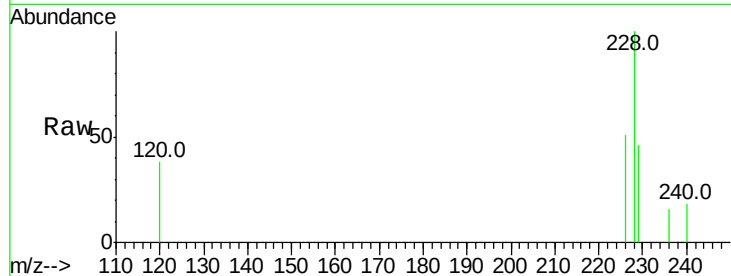
ClientSampleId :

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Tot Ion:	228	Resp:	15317
Ion Ratio	Lower	Upper	
228	100		
226	50.7	25.7	38.5#
229	46.4	15.2	22.8#

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.06 ng/ul

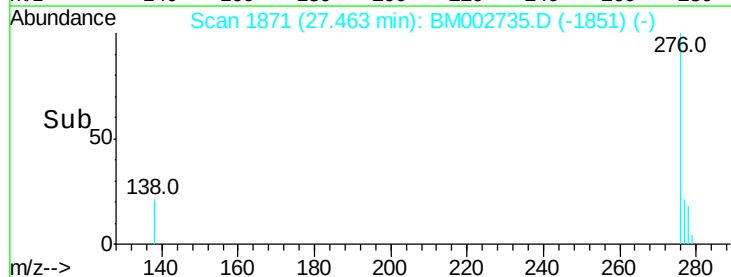
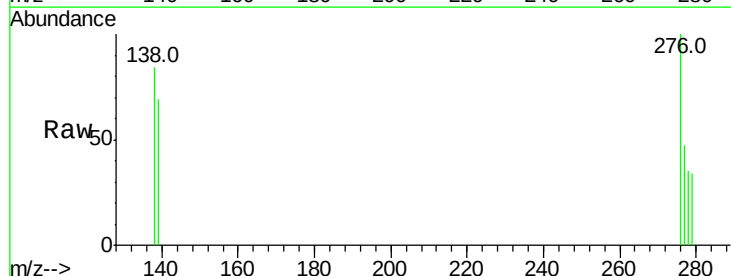
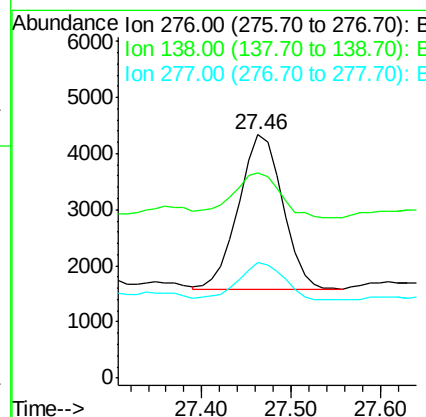
RT: 27.46 min Scan# 1871

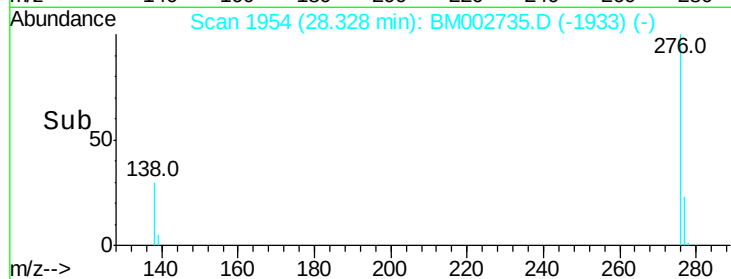
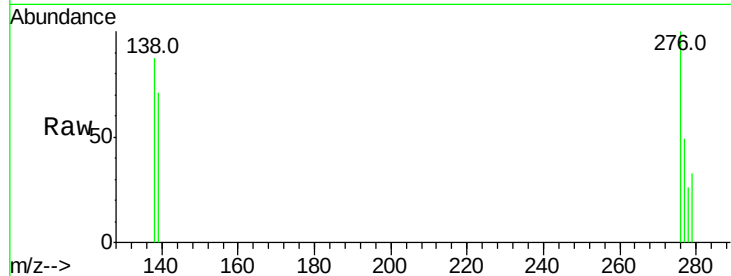
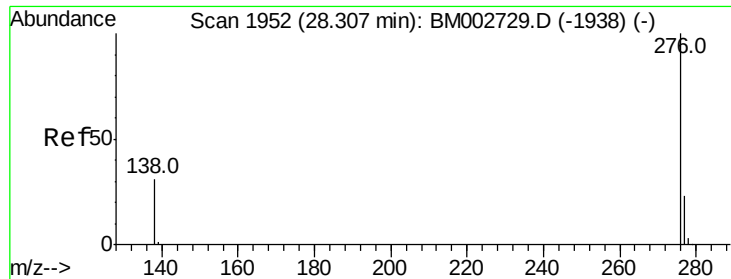
Delta R.T. 0.01 min

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Tgt Ion:	276	Resp:	9495
Ion Ratio	Lower	Upper	
276	100		
138	31.9	27.5	41.3
277	24.9	19.3	28.9





#28

Benzo(a,h,i)perylene

Concen: 0.08 ng/ul

RT: 28.33 min Scan# 1954

Delta R.T. 0.02 min

Lab File: BM002735.D

Acq: 28 Sep 2015 16:02

Tot Ion	Ratio	Lower	Upper
276	100		
277	48.7	21.3	31.9#
138	86.5	25.5	38.3#

Instrument :

BNA_M

ClientSampleId :

D9G71

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