

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102315\
 Data File : BM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Manual Integrations
 APPROVED

Mmdadoda
 11/5/2015 1:20:24 PM

Quant Time: Oct 28 11:00:02 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:55:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	7212	0.40	ng/ul	0.00
4) Naphthalene-d8	11.49	136	31657	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.24	164	18306	0.40	ng/ul	0.02
12) Phenanthrene-d10	17.95	188	38871m	0.40	ng/ul	0.02
18) Chrysene-d12	22.04	240	31904	0.40	ng/ul	0.01
22) Perylene-d12	24.61	264	26389m	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	26616	3.45	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	13024	0.25	ng/ul	0.00
16) Fluoranthene-d10	19.93	212	25352	0.24	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	11.54	128	1401	0.02	ng/ul#	63
7) 2-Methylnaphthalene	13.11	142	631m	0.01	ng/ul	
9) Acenaphthylene	14.97	152	23999	0.23	ng/ul#	91
10) Acenaphthene	15.30	153	2191	0.03	ng/ul#	82
14) Phenanthrene	17.98	178	70497	0.58	ng/ul	95
15) Anthracene	18.08	178	42309	0.38	ng/ul#	89
17) Fluoranthene	19.95	202	396533	2.73	ng/ul	95
19) Pyrene	20.31	202	361195	3.12	ng/ul	95
20) Benzo(a)anthracene	22.02	228	97473	0.92	ng/ul#	89
21) Chrysene	22.07	228	295726	2.76	ng/ul#	95
23) Benzo(b)fluoranthene	23.81	252	556767m	5.97	ng/ul	
24) Benzo(k)fluoranthene	23.86	252	143278m	1.58	ng/ul	
25) Benzo(a)pyrene	24.49	252	149832m	1.68	ng/ul	
26) Indeno(1,2,3-cd)pyrene	27.32	276	187625m	1.94	ng/ul	
28) Benzo(g,h,i)perylene	28.17	276	195300m	2.43	ng/ul	

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

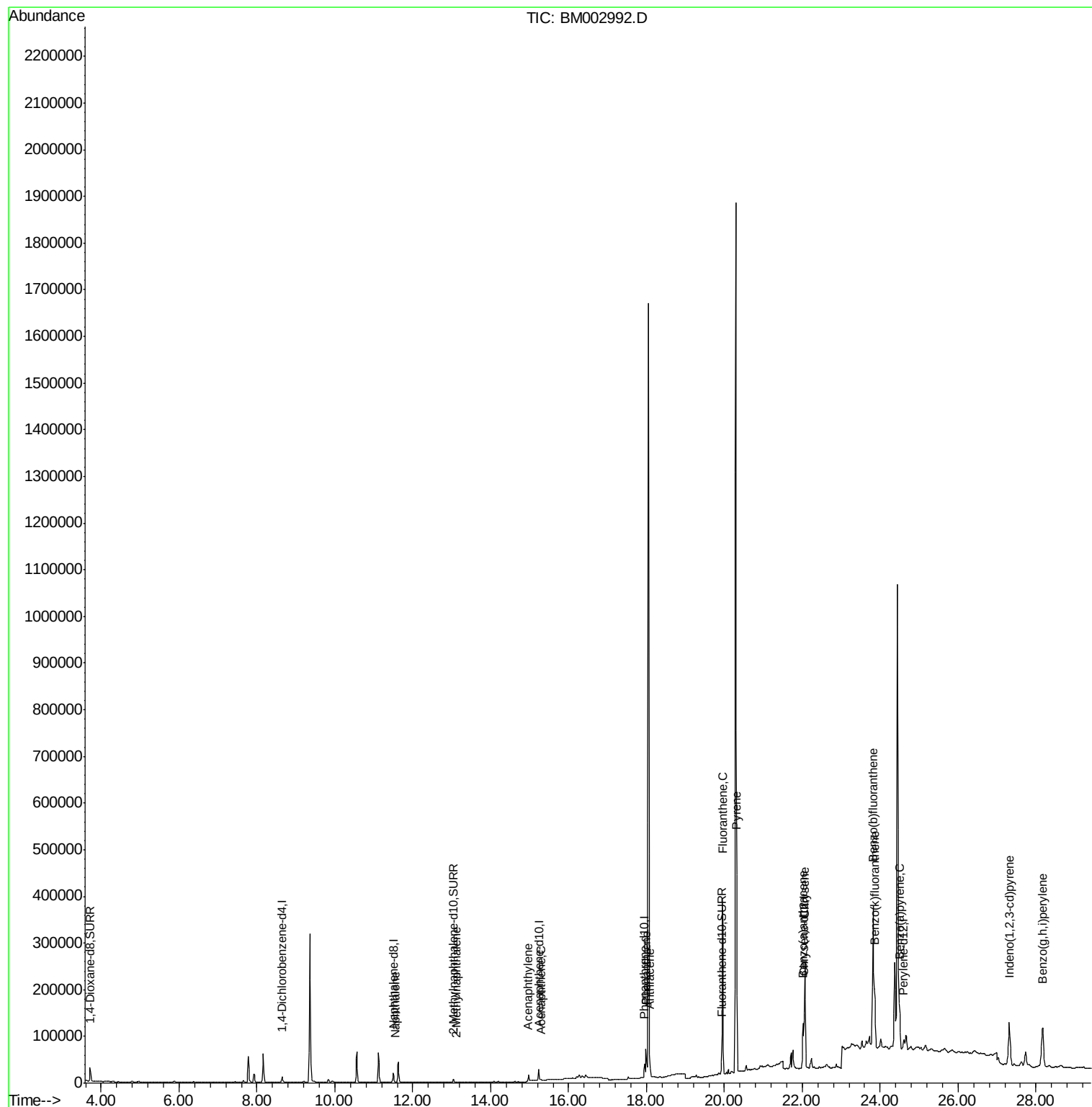
Data Path : Z:\HPCHEM1\BNA_M\Data\BM102315\
Data File : BM002992.D
Acq On : 23 Oct 2015 00:16
Operator : UM/IZ
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Misc :
ALS Vial : 22 Sample Multiplier: 1

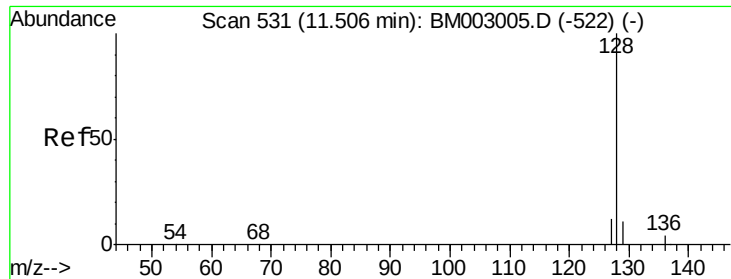
Instrument :
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QLast Update : Fri Oct 23 01:55:29 2015
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#5

Naphthalene

Concen: 0.02 ng/ul

RT: 11.54 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM002992.D

Acq: 23 Oct 2015 00:16

Instrument :

BNA_M

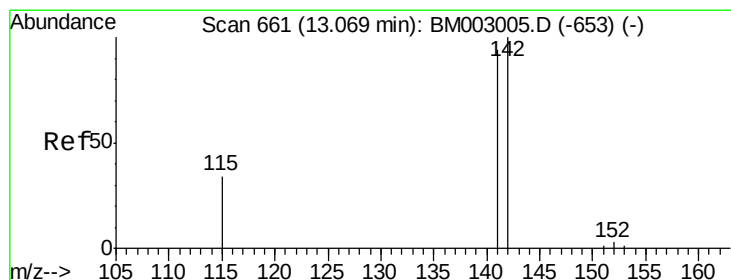
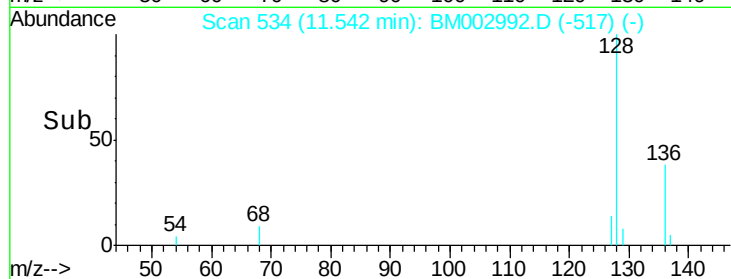
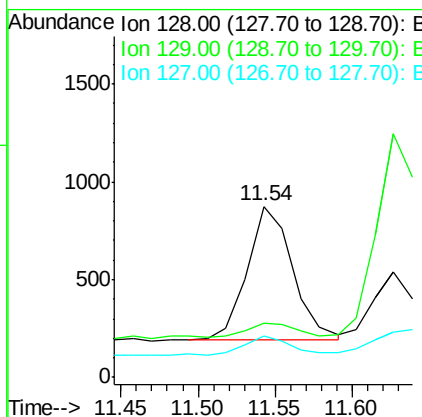
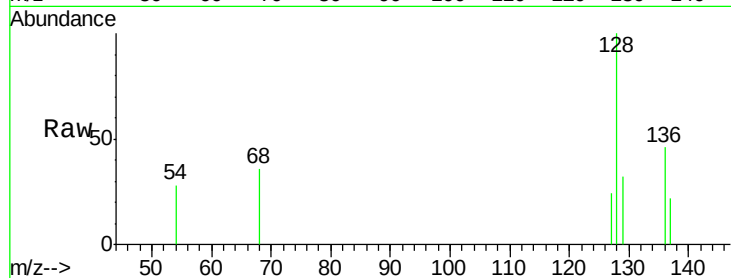
ClientSampleId :

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Tgt Ion:	128	Resp:	1401
Ion Ratio	Lower	Upper	
128	100		
129	31.6	9.8	14.8#
127	23.9	10.7	16.1#



#7

2-Methylnaphthalene

Concen: 0.01 ng/ul m

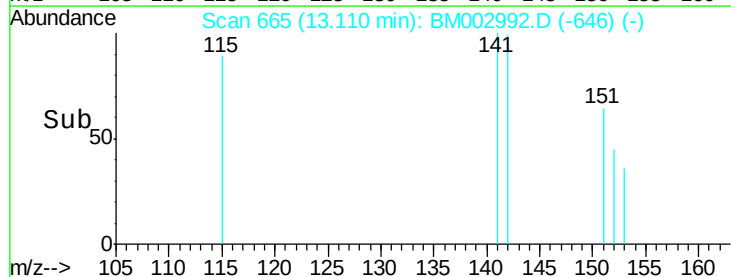
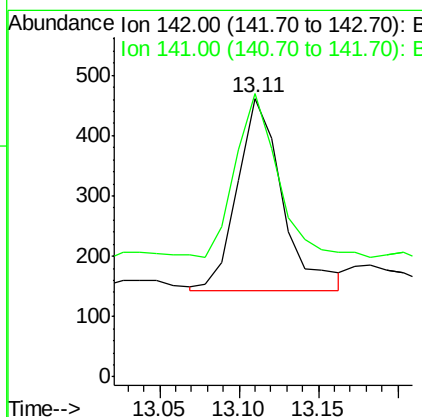
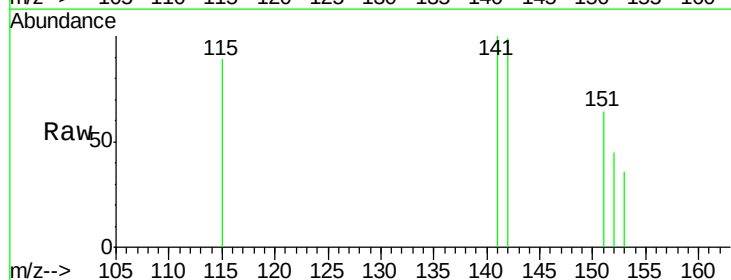
RT: 13.11 min Scan# 665

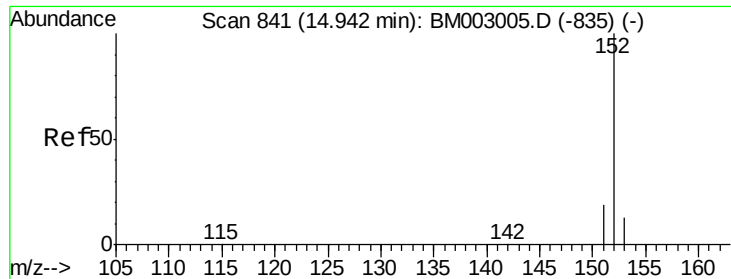
Delta R.T. 0.01 min

Lab File: BM002992.D

Acq: 23 Oct 2015 00:16

Tgt Ion:	142	Resp:	631
Ion Ratio	Lower	Upper	
142	100		
141	188.9	70.3	105.5#





#9

Acenaphthylene

Concen: 0.23 ng/ul

RT: 14.97 min Scan# 844

Delta R.T. 0.01 min

Lab File: BM002992.D

Acq: 23 Oct 2015 00:16

Instrument :

BNA_M

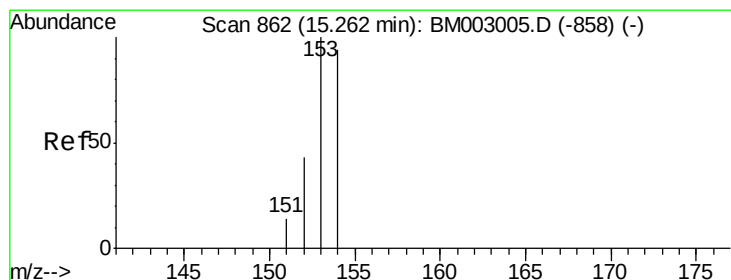
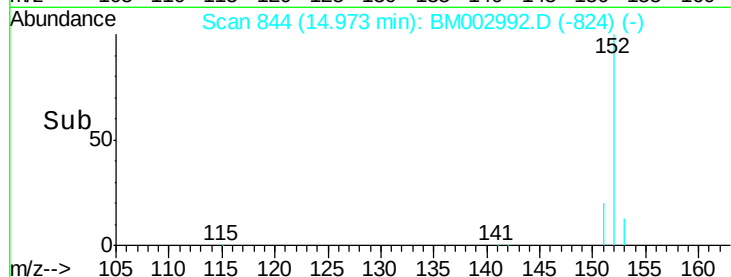
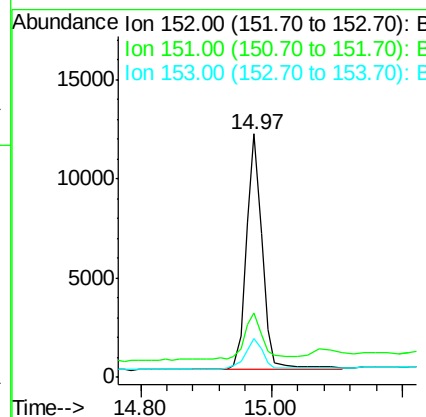
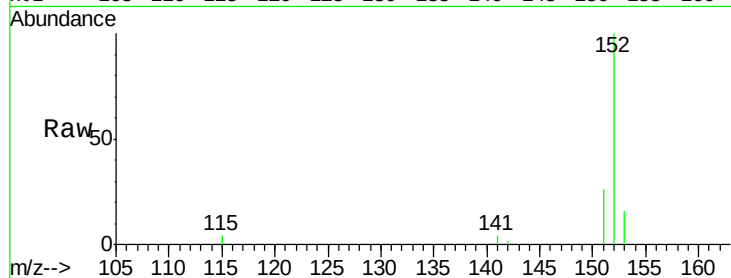
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
151	26.5	16.8	25.2#
153	16.2	11.3	16.9



#10

Acenaphthene

Concen: 0.03 ng/ul

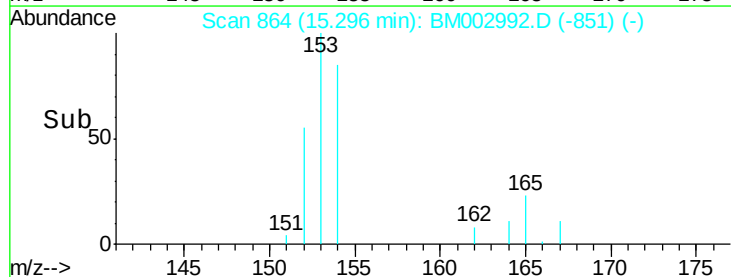
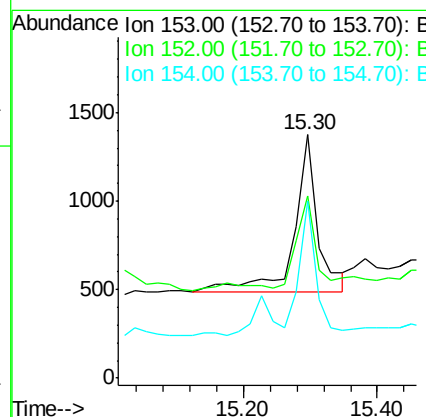
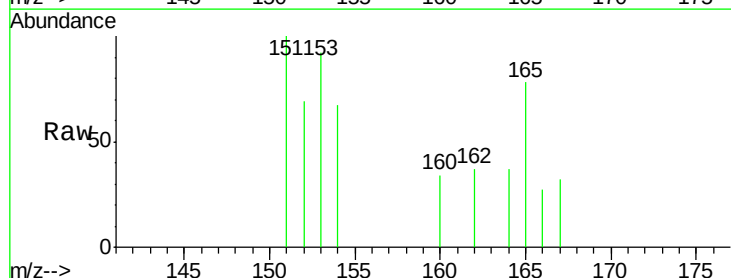
RT: 15.30 min Scan# 864

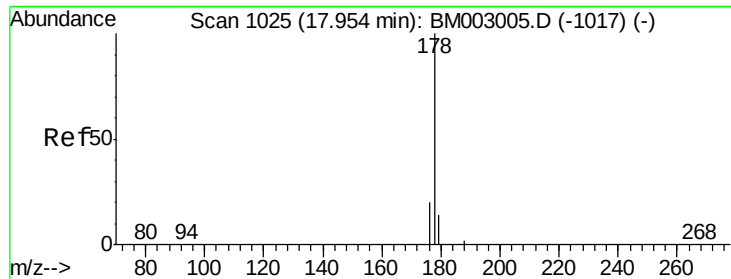
Delta R.T. 0.02 min

Lab File: BM002992.D

Acq: 23 Oct 2015 00:16

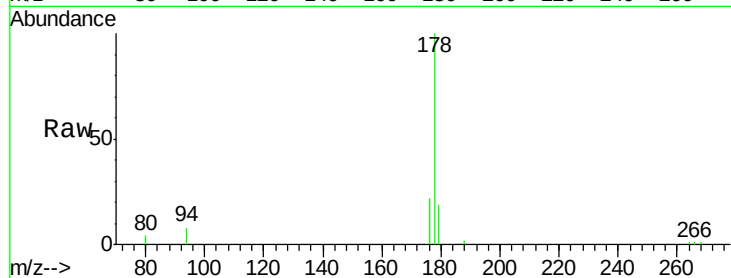
Tgt Ion	Ratio	Lower	Upper
153	100		
152	74.8	42.3	63.5#
154	72.7	64.7	97.1





#14
Phenanthrene
Concen: 0.58 ng/ul
RT: 17.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BM002992.D
Acq: 23 Oct 2015 00:16

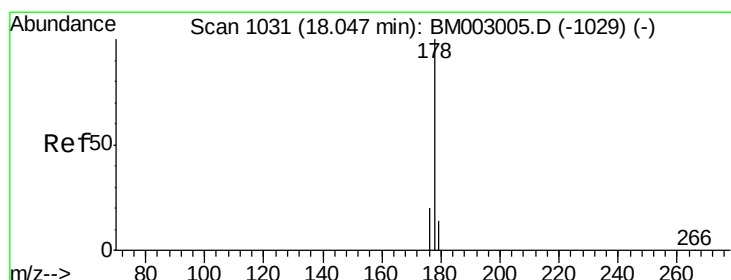
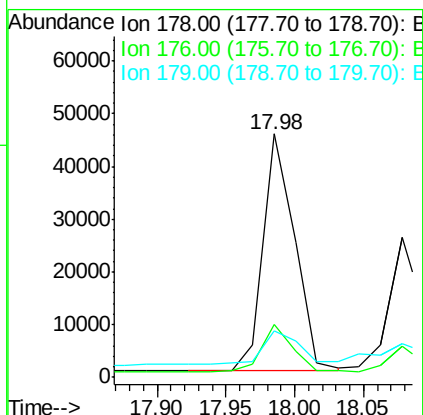
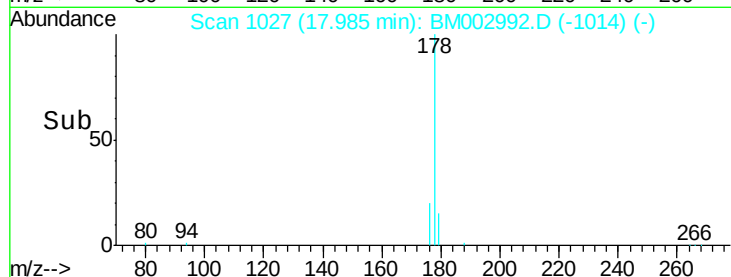
Instrument :
BNA_M
ClientSampleId :
JG9J9



Tgt Ion:178 Resp: 70497
Ion Ratio Lower Upper
178 100
176 21.9 16.2 24.4
179 19.2 12.8 19.2

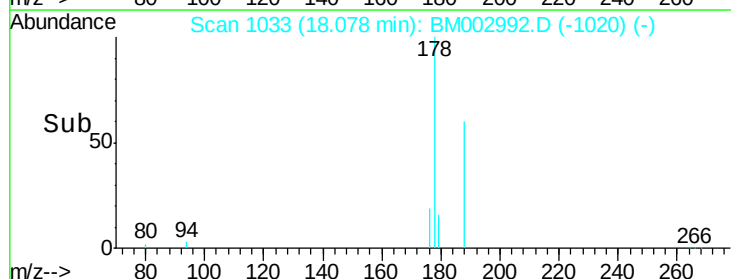
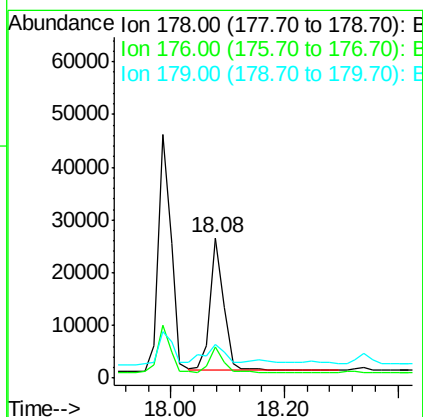
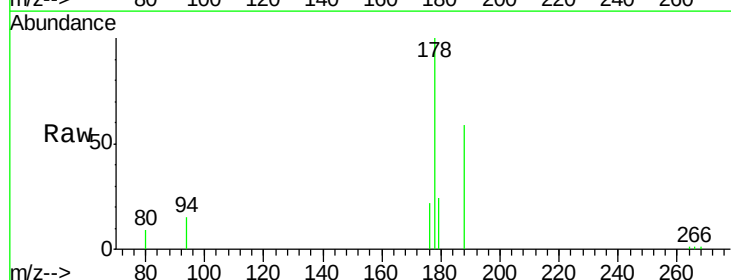
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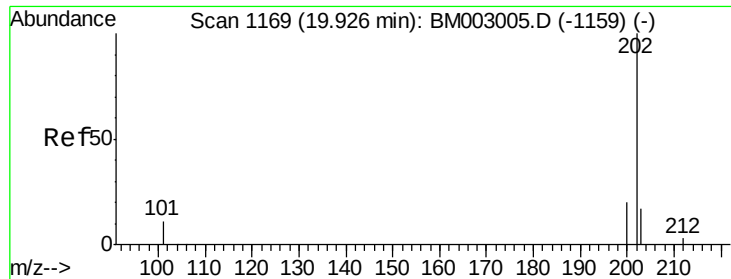
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#15
Anthracene
Concen: 0.38 ng/ul
RT: 18.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BM002992.D
Acq: 23 Oct 2015 00:16

Tgt Ion:178 Resp: 42309
Ion Ratio Lower Upper
178 100
176 22.2 15.8 23.8
179 24.0 13.3 19.9#





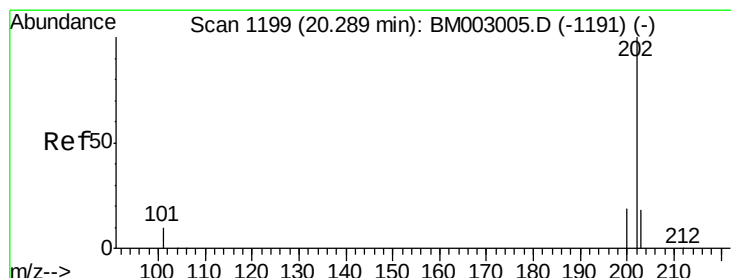
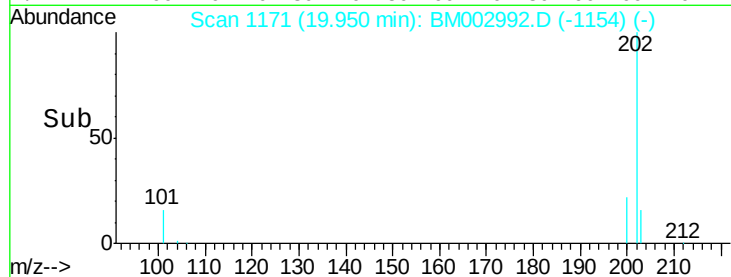
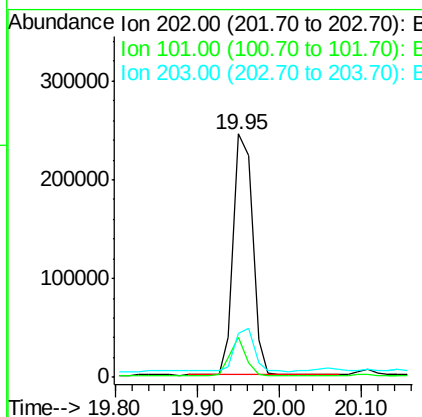
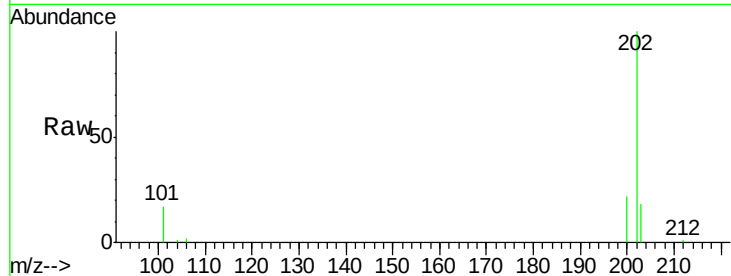
#17
Fluoranthene
 Concen: 2.73 ng/ul
 RT: 19.95 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BM002992.D
 Acq: 23 Oct 2015 00:16

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.6	0.0	33.1
203	17.8	0.0	37.2

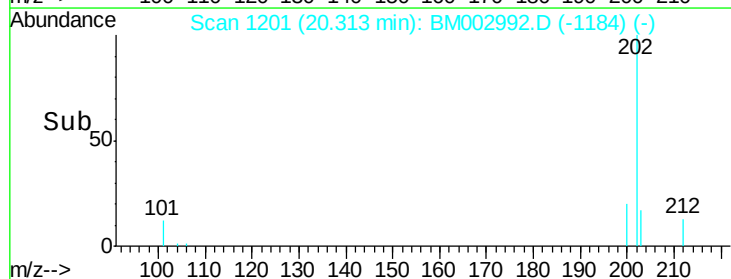
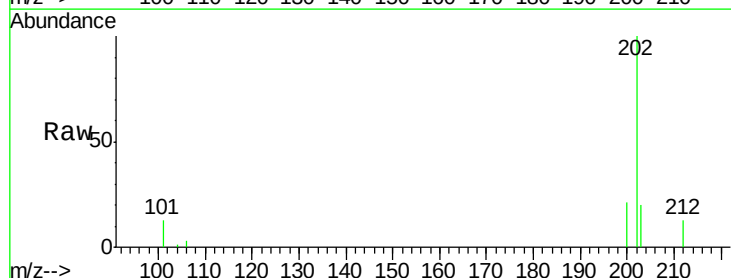
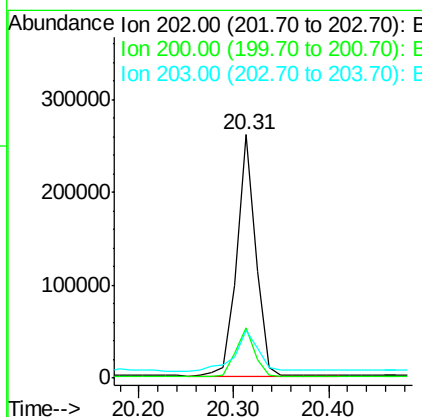
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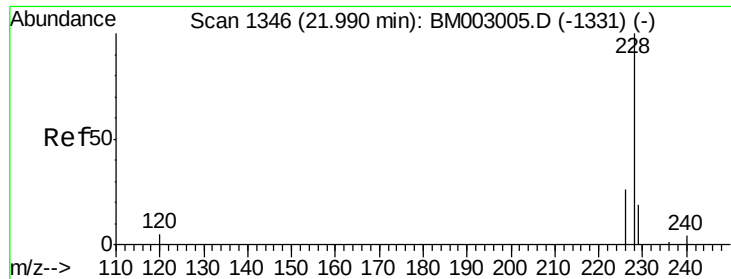
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 11/5/2015 1:20:24 PM



#19
Pyrene
 Concen: 3.12 ng/ul
 RT: 20.31 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BM002992.D
 Acq: 23 Oct 2015 00:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.7	18.0	27.0
203	19.7	13.8	20.6





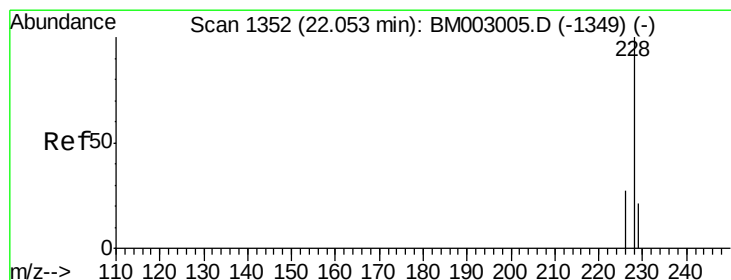
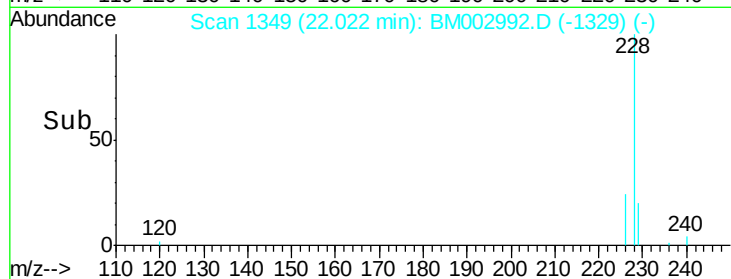
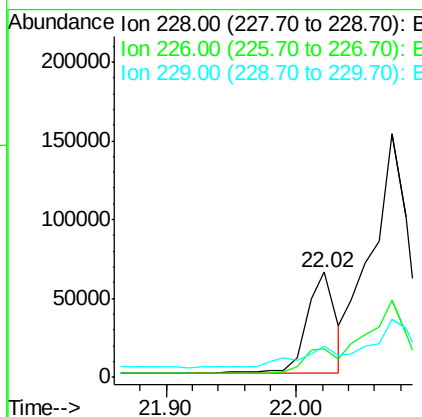
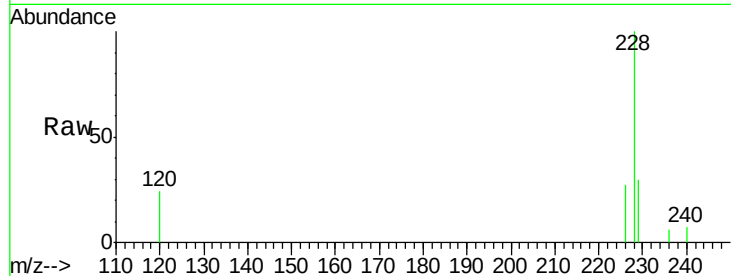
#20
Benzo(a)anthracene
Concen: 0.92 ng/ul
RT: 22.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BM002992.D
Acq: 23 Oct 2015 00:16

Instrument :
BNA_M
ClientSampled :
JG9J9

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.0	34.4
229	30.0	15.2	22.8#

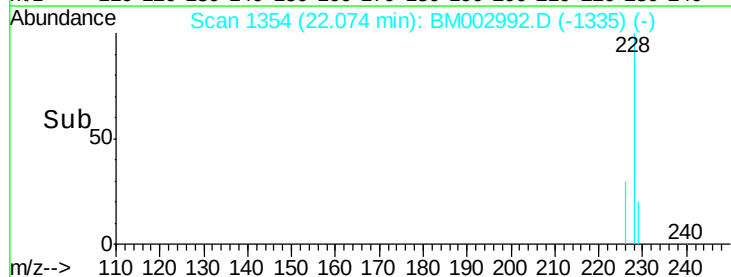
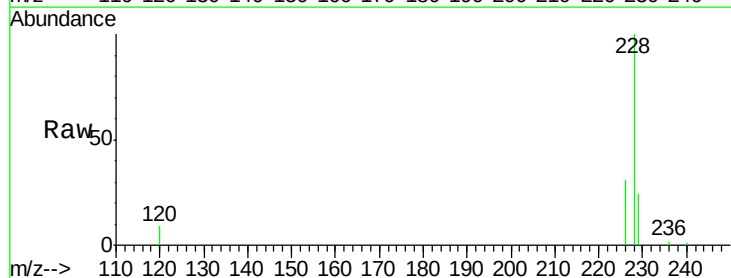
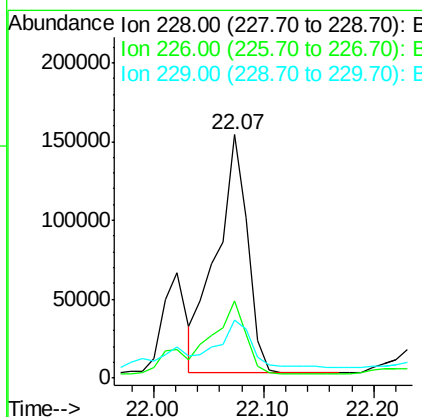
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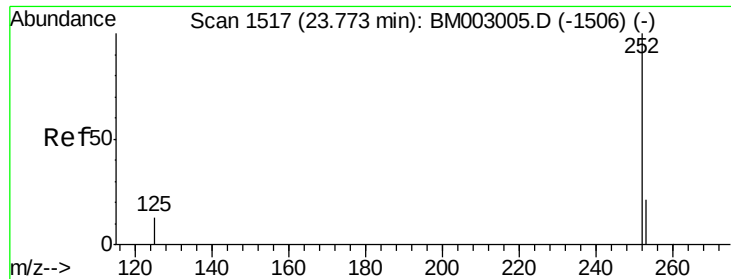
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11/5/2015 1:20:24 PM



#21
Chrysene
Concen: 2.76 ng/ul
RT: 22.07 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BM002992.D
Acq: 23 Oct 2015 00:16

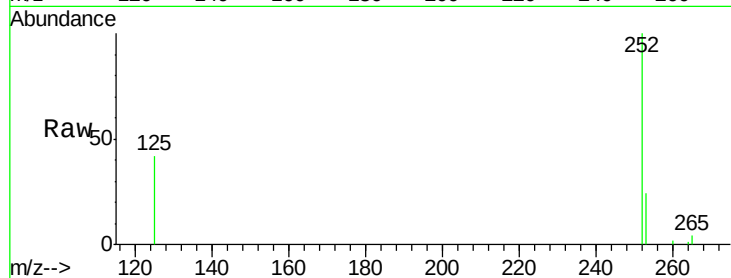
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.7	38.5
229	23.7	15.2	22.8#





#23
Benzo(b)fluoranthene
Concen: 5.97 ng/ul m
RT: 23.81 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BM002992.D
Acq: 23 Oct 2015 00:16

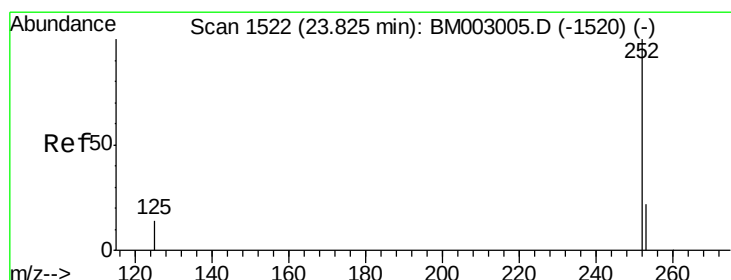
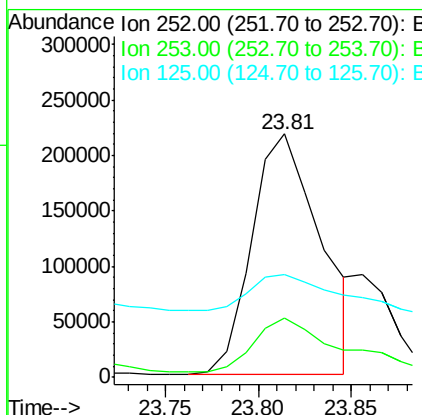
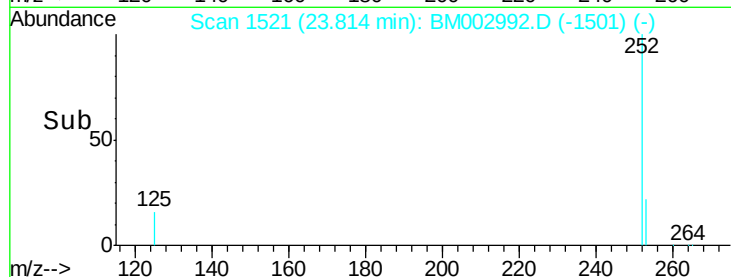
Instrument :
BNA_M
ClientSampleId :
JG9J9



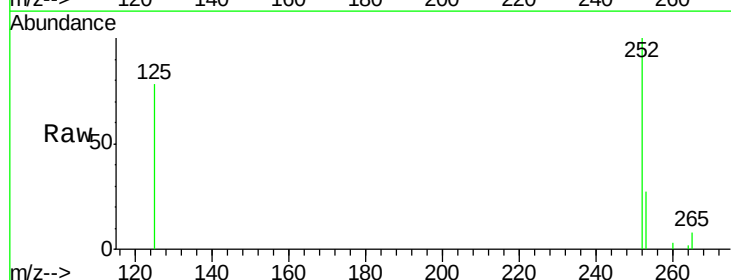
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.1	0.0	48.0
125	42.1	0.0	36.6#

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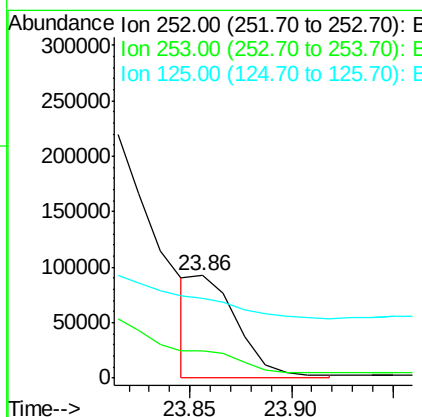
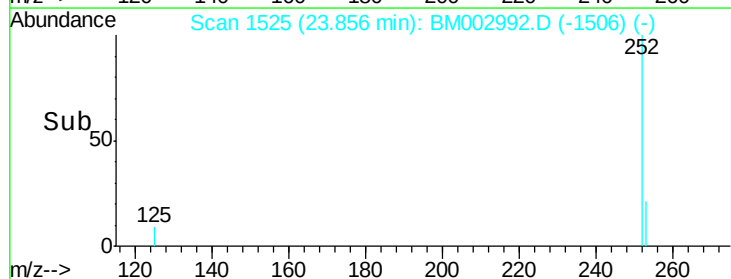
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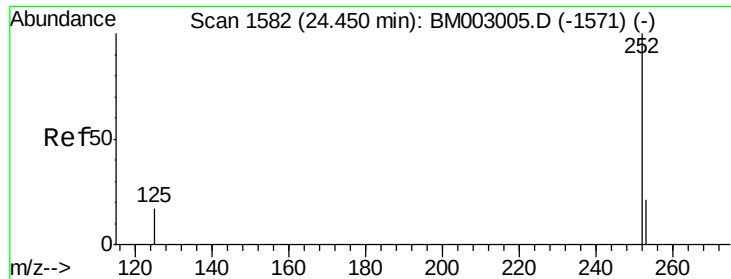


#24
Benzo(k)fluoranthene
Concen: 1.58 ng/ul m
RT: 23.86 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BM002992.D
Acq: 23 Oct 2015 00:16



Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	26.6	20.8	31.2
125	78.2	12.2	18.4#





#25

Benzo(a)pyrene

Concen: 1.68 ng/ul m

RT: 24.49 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BM002992.D

Acq: 23 Oct 2015 00:16

Instrument :

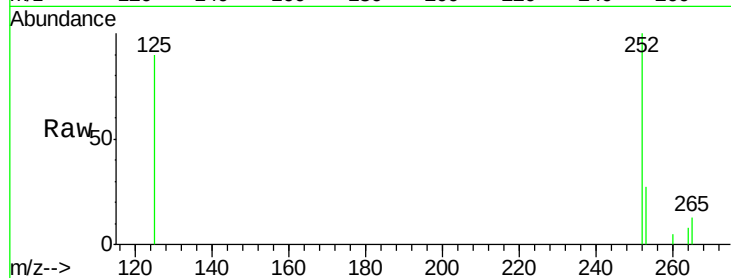
BNA_M

ClientSampleId :

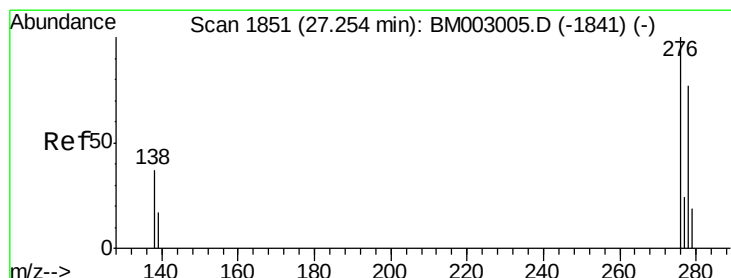
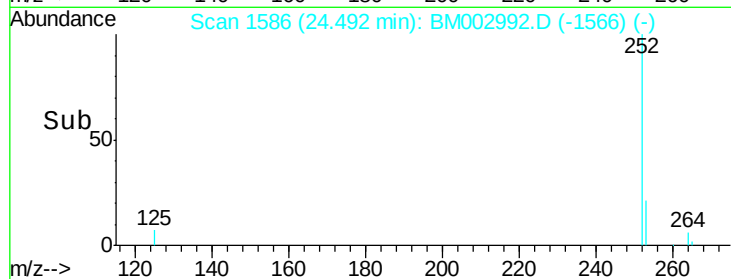
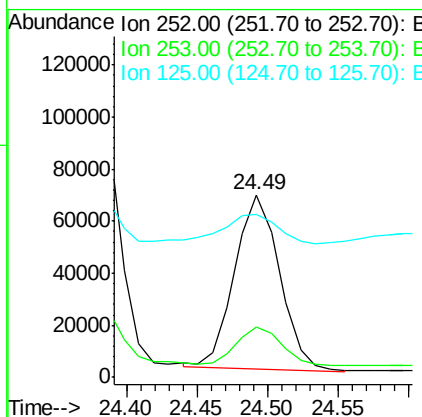
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.8	32.8
125	89.7	14.5	21.7#



#26

Indeno(1,2,3-cd)pyrene

Concen: 1.94 ng/ul m

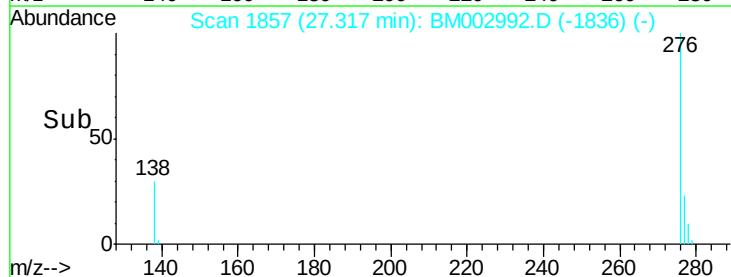
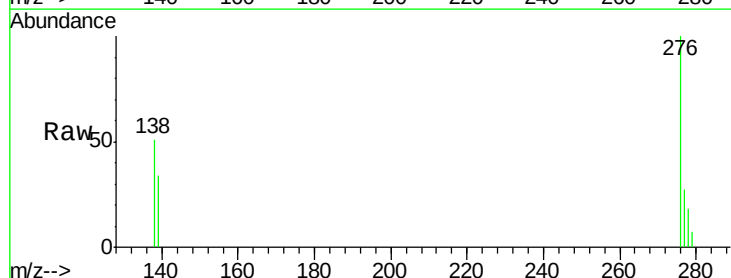
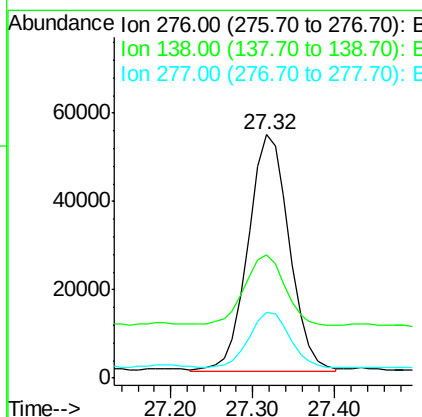
RT: 27.32 min Scan# 1857

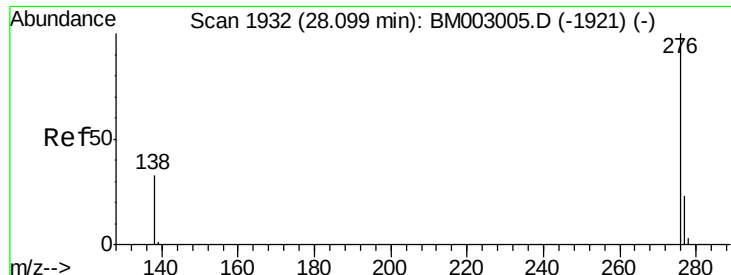
Delta R.T. 0.02 min

Lab File: BM002992.D

Acq: 23 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	106.6	27.5	41.3#
277	23.7	19.3	28.9





#28

Benzo(g,h,i)perylene

Concen: 2.43 ng/ul m

RT: 28.17 min Scan# 1939

Delta R.T. 0.02 min

Lab File: BM002992.D

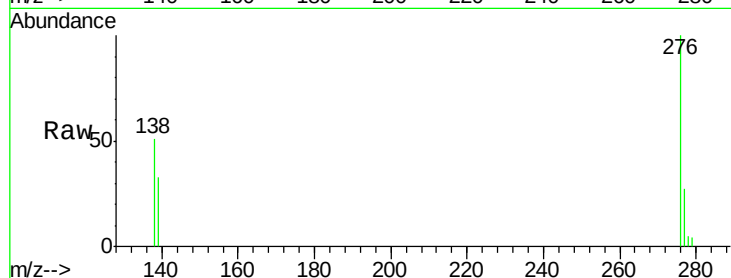
Acq: 23 Oct 2015 00:16

Instrument :

BNA_M

ClientSampleId :

JG9J9



Tgt Ion: 276 Resp: 195300

Ion Ratio Lower Upper

276 100

277 27.0 21.3 31.9

138 51.5 25.5 38.3#

Manual Integrations
APPROVED

Mmdadoda
11/5/2015 1:20:24 PM

