

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002976.D
 Acq On : 22 Oct 2015 13:56
 Operator : UM/IZ
 Sample : G4074-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9K3

Manual Integrations
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 10/23/2015 4:43:27 PM

Quant Time: Oct 23 03:06:10 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 01:01:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	5647	0.40	ng/ul	0.00
4) Naphthalene-d8	11.49	136	24773	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.23	164	13914	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.94	188	32414m	0.40	ng/ul	0.00
18) Chrysene-d12	22.03	240	28370	0.40	ng/ul	0.00
22) Perylene-d12	24.60	264	24114	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	12038	2.00	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	6135	0.15	ng/ul	0.00
16) Fluoranthene-d10	19.93	212	14646	0.17	ng/ul	0.00
Target Compounds						
5) Naphthalene	11.54	128	833	0.01	ng/ul#	58
7) 2-Methylnaphthalene	13.11	142	534m	0.01	ng/ul	
9) Acenaphthylene	14.96	152	2213	0.03	ng/ul#	80
14) Phenanthrene	17.98	178	16370m	0.16	ng/ul	
17) Fluoranthene	19.95	202	77318	0.64	ng/ul	93
19) Pyrene	20.30	202	67291	0.65	ng/ul	97
20) Benzo(a)anthracene	22.01	228	18618	0.20	ng/ul#	83
21) Chrysene	22.07	228	55641	0.58	ng/ul#	90
23) Benzo(b)fluoranthene	23.80	252	59155m	0.69	ng/ul	
26) Indeno(1,2,3-cd)pyrene	27.31	276	17085	0.19	ng/ul#	91
28) Benzo(g,h,i)perylene	28.15	276	18504	0.25	ng/ul#	55

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

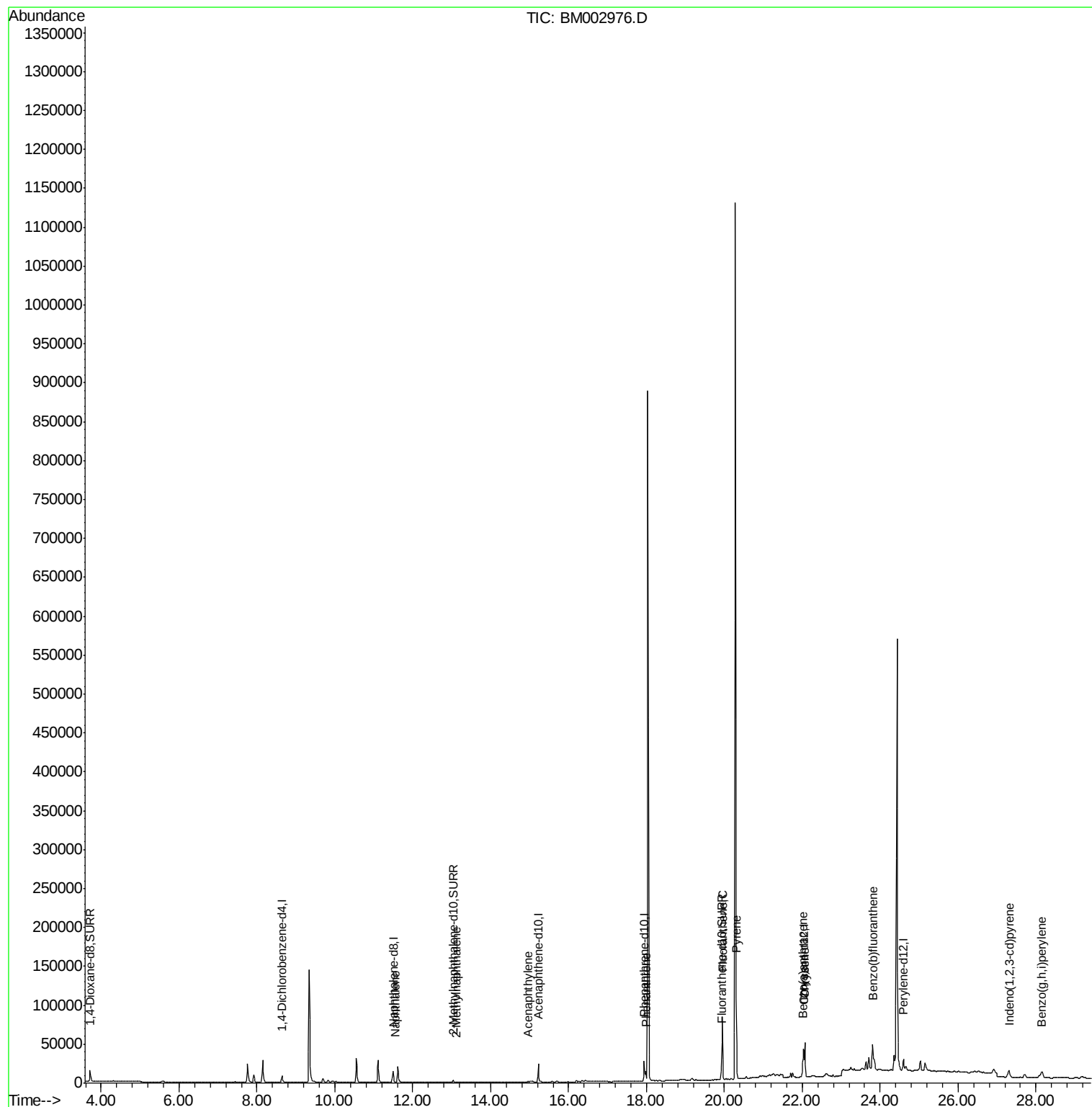
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
Data File : BM002976.D
Acq On : 22 Oct 2015 13:56
Operator : UM/IZ
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Misc :
ALS Vial : 7 Sample Multiplier: 1

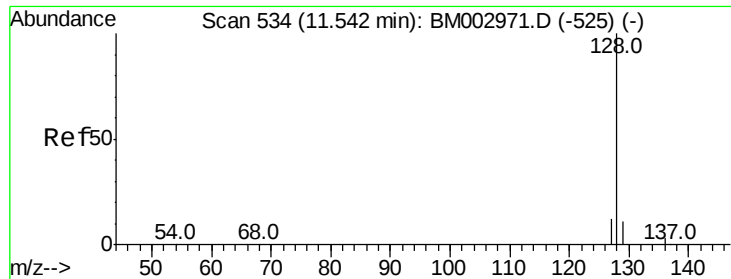
Instrument :
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ClientSampleId :
JG9K3

Manual Integrations
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:01:42 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.01 ng/ul

RT: 11.54 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

Instrument :

BNA_M

ClientSampleId :

JG9K3

Tot Ion:128 Resp: 833

Ion Ratio Lower Upper

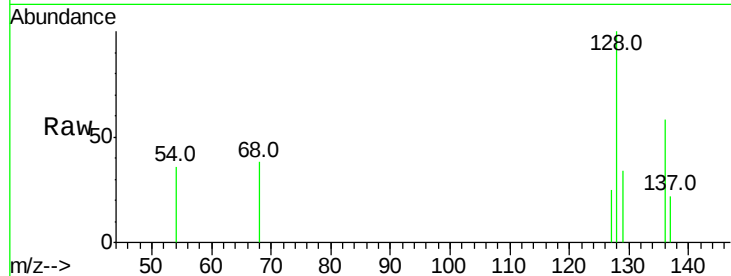
128 100

129 34.2 9.8 14.8#

127 25.2 10.7 16.1#

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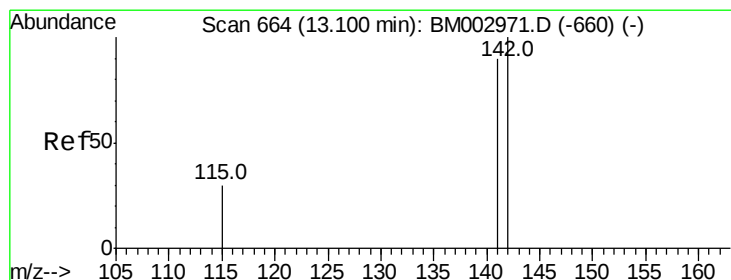
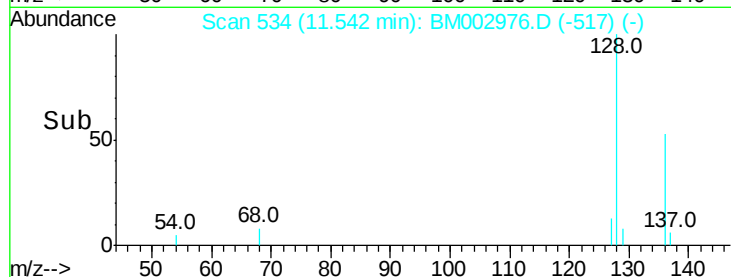
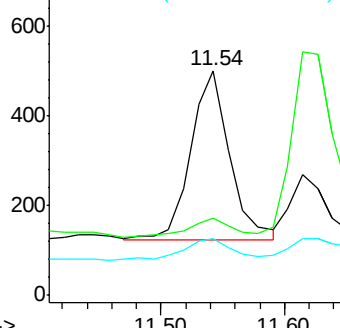
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.01 ng/ul m

RT: 13.11 min Scan# 665

Delta R.T. 0.01 min

Lab File: BM002976.D

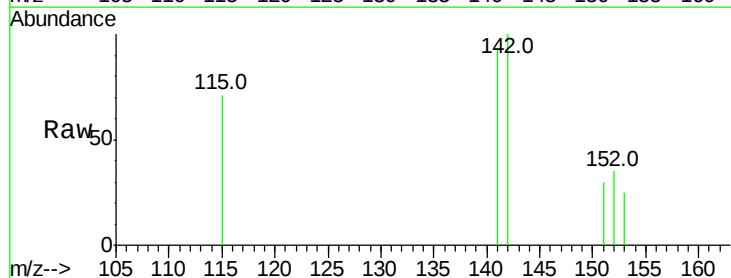
Acq: 22 Oct 2015 13:56

Tgt Ion:142 Resp: 534

Ion Ratio Lower Upper

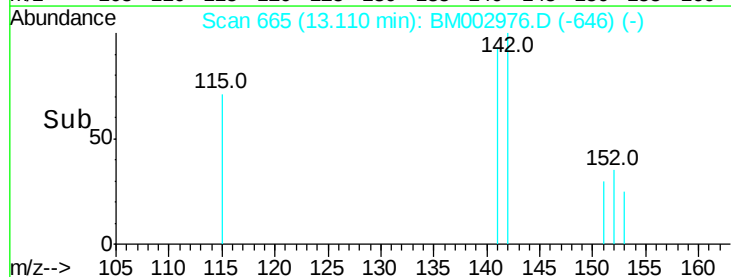
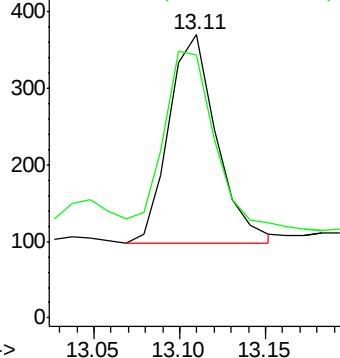
142 100

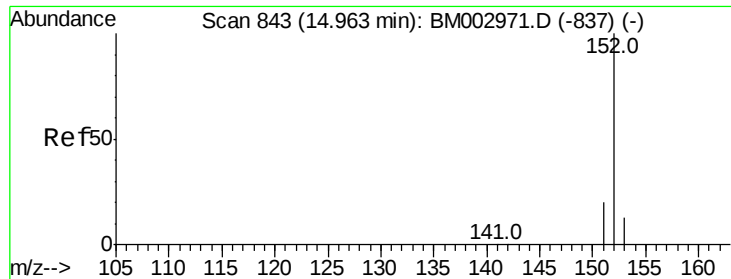
141 175.8 70.3 105.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.96 min Scan# 843

Delta R.T. -0.00 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

Instrument :

BNA_M

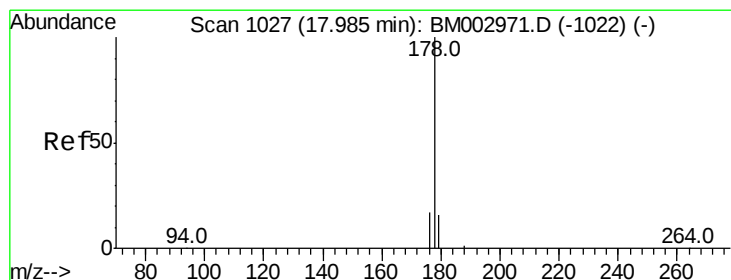
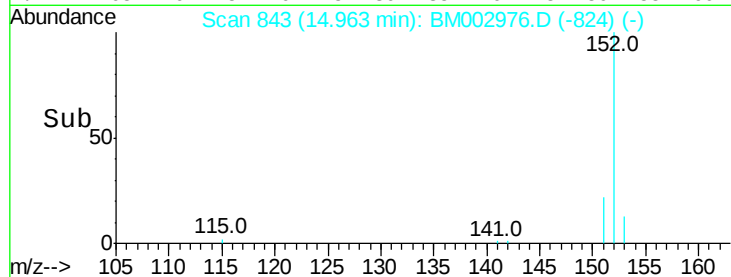
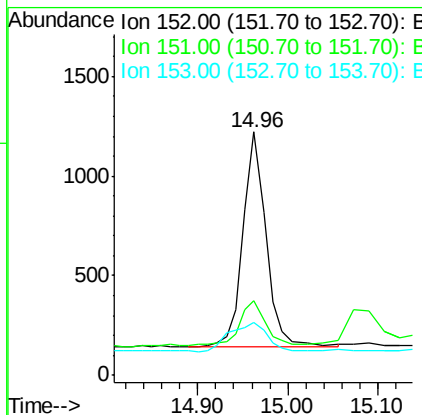
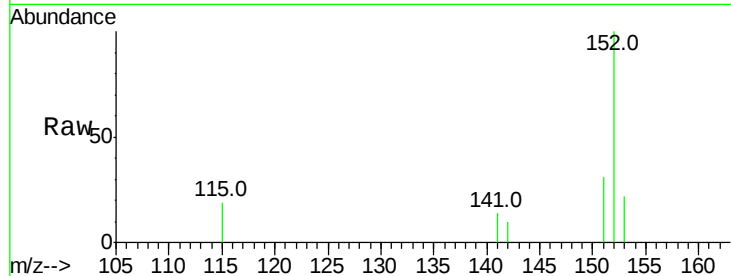
ClientSampleId :

JG9K3

Tot Ion:	152	Resp:	2213
Ion Ratio	Lower	Upper	
152	100		
151	30.7	16.8	25.2#
153	21.9	11.3	16.9#

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#14

Phenanthrene

Concen: 0.16 ng/ul m

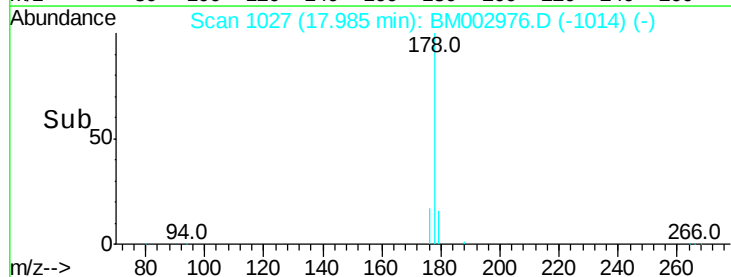
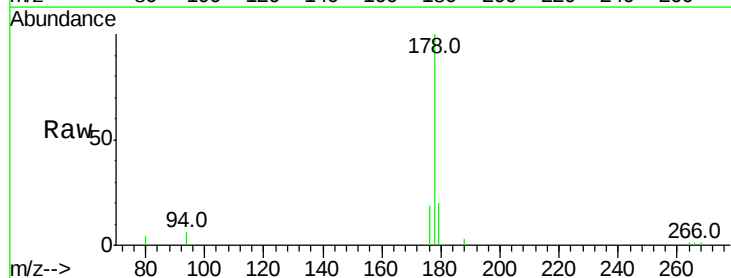
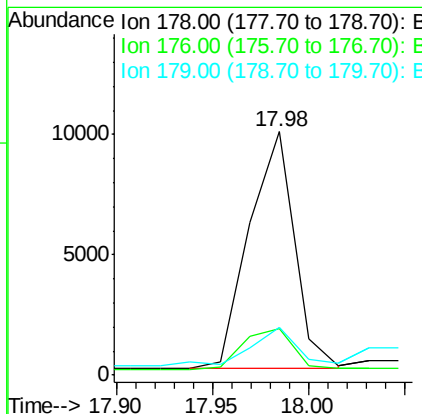
RT: 17.98 min Scan# 1027

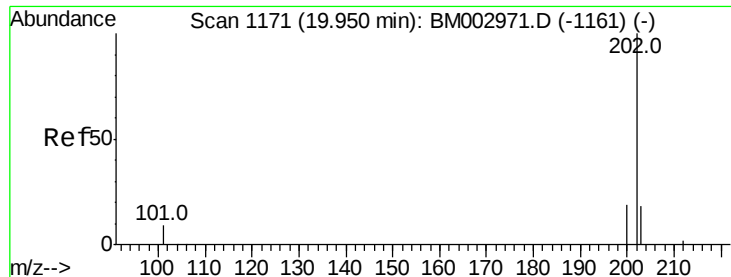
Delta R.T. -0.00 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

Tgt Ion:	178	Resp:	16370
Ion Ratio	Lower	Upper	
178	100		
176	18.8	16.2	24.4
179	19.6	12.8	19.2#





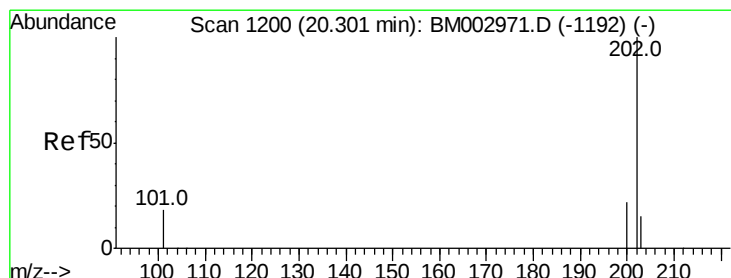
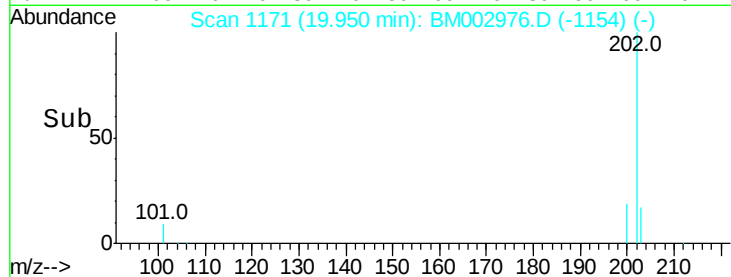
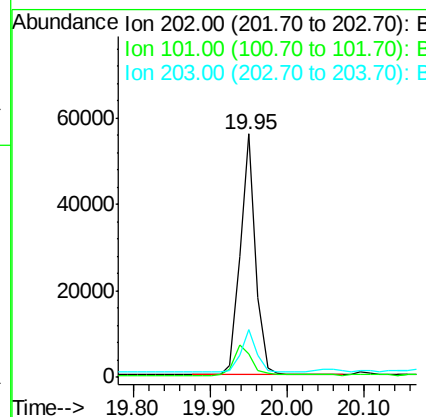
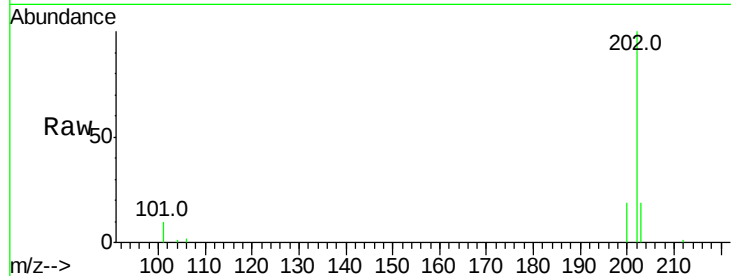
#17
Fluoranthene
 Concen: 0.64 ng/ul
 RT: 19.95 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BM002976.D
 Acq: 22 Oct 2015 13:56

Instrument :
 BNA_M
 ClientSampleId :
 JG9K3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	33.1
203	19.5	0.0	37.2

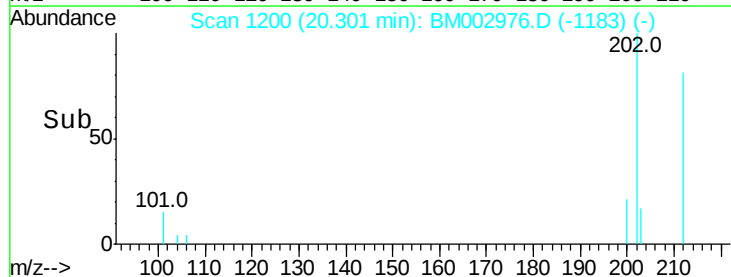
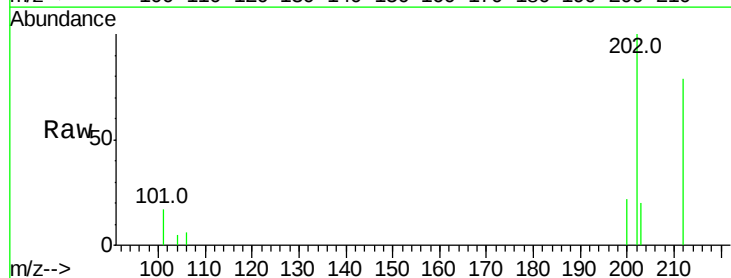
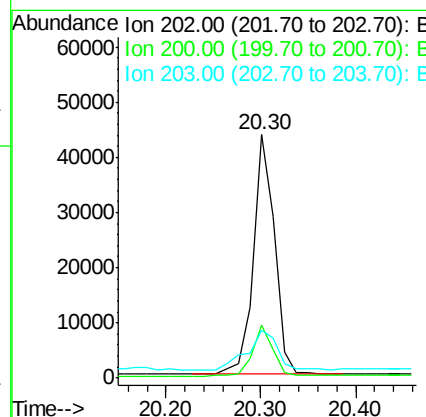
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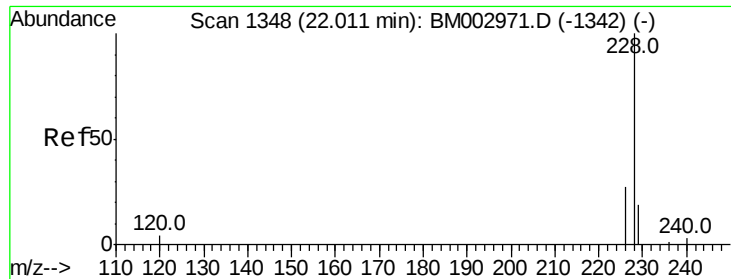
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#19
Pyrene
 Concen: 0.65 ng/ul
 RT: 20.30 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BM002976.D
 Acq: 22 Oct 2015 13:56

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	18.0	27.0
203	19.6	13.8	20.6





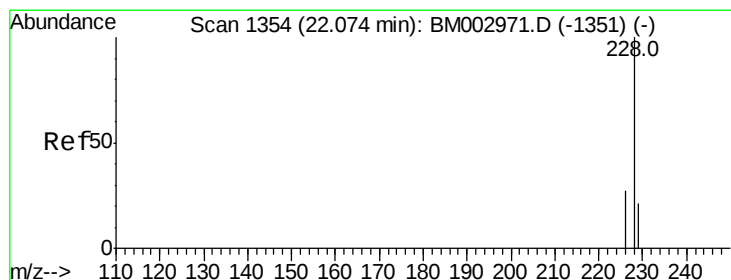
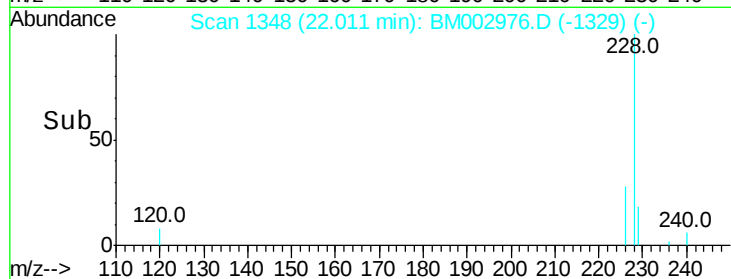
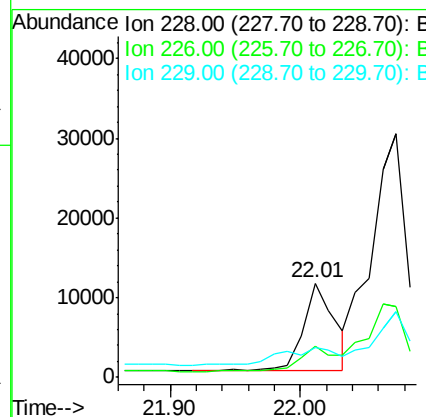
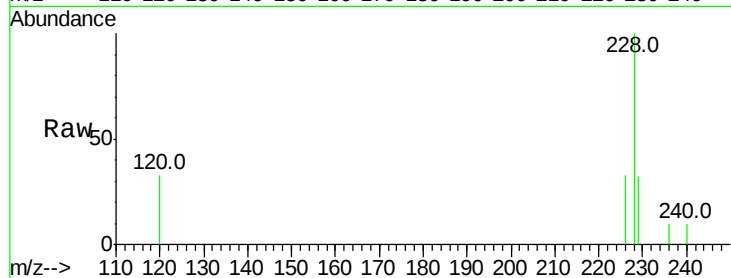
#20
Benzo(a)anthracene
Concen: 0.20 ng/ul
RT: 22.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM002976.D
Acq: 22 Oct 2015 13:56

Instrument :
BNA_M
ClientSampleId :
JG9K3

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.0	34.4
229	32.1	15.2	22.8#

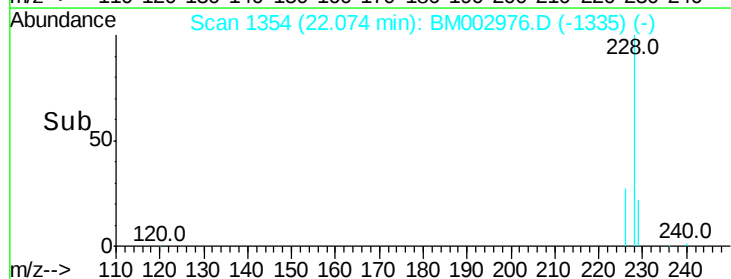
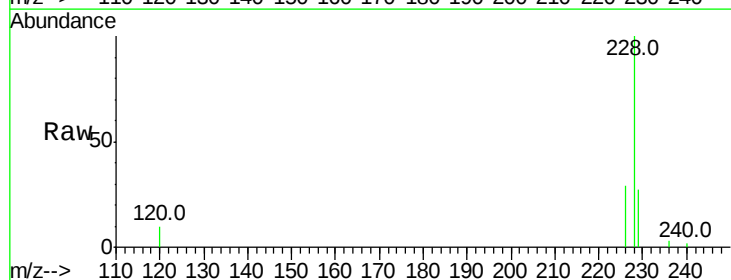
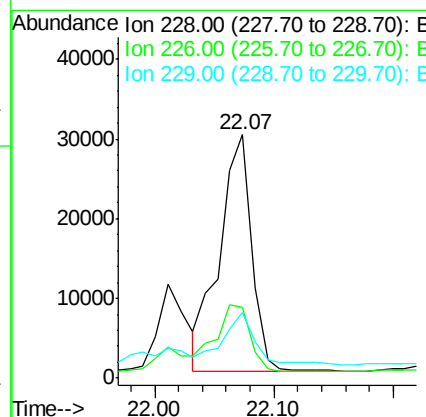
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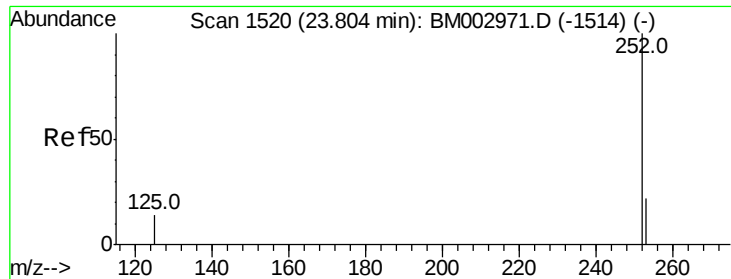
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#21
Chrysene
Concen: 0.58 ng/ul
RT: 22.07 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BM002976.D
Acq: 22 Oct 2015 13:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.7	38.5
229	26.8	15.2	22.8#





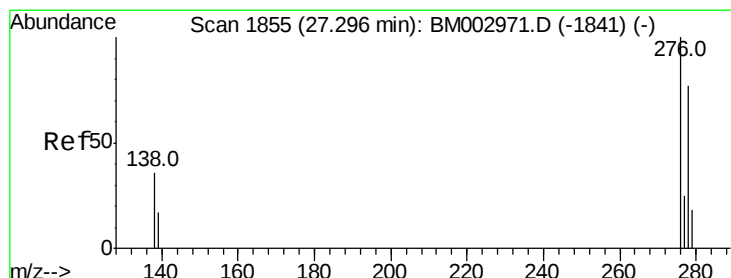
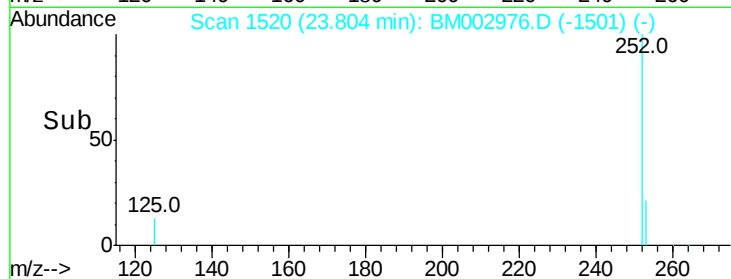
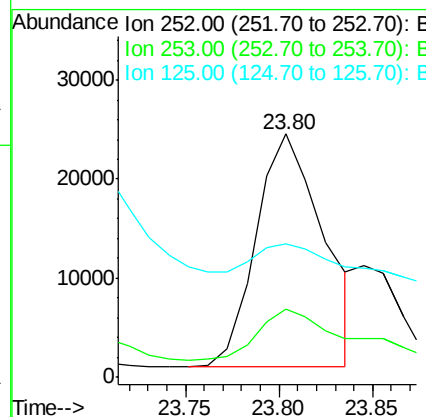
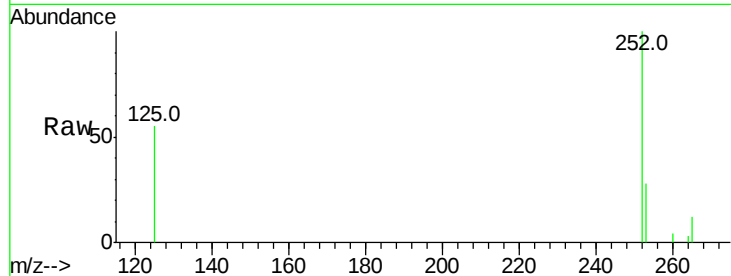
#23
Benzo(b)fluoranthene
Concen: 0.69 ng/ul m
RT: 23.80 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BM002976.D
Acq: 22 Oct 2015 13:56

Instrument :
BNA_M
ClientSampleId :
JG9K3

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.9	0.0	48.0
125	55.0	0.0	36.6#

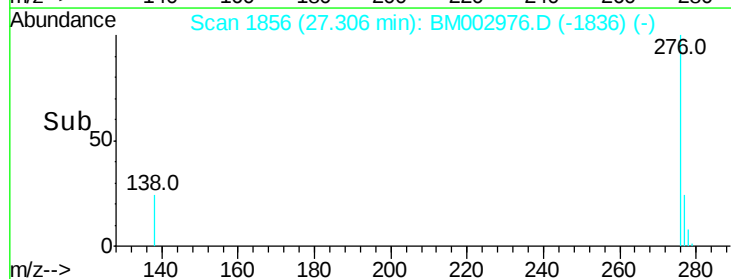
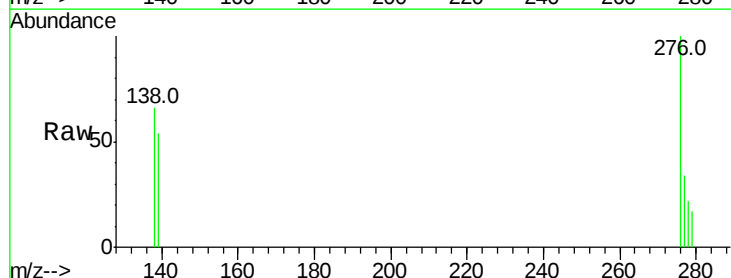
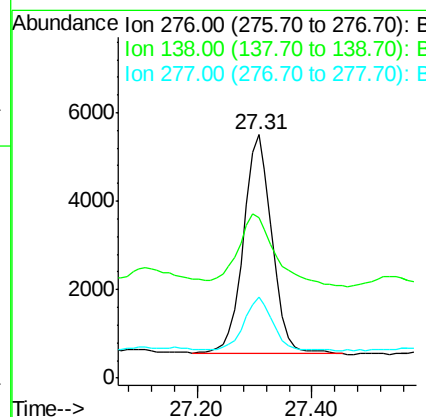
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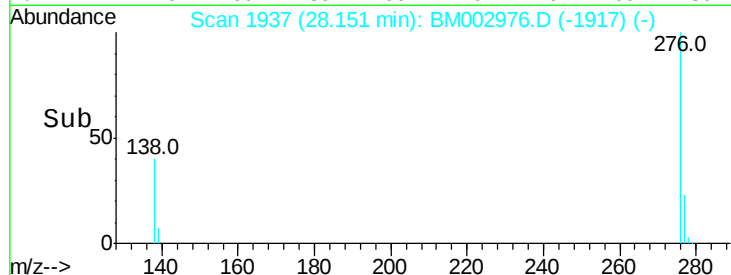
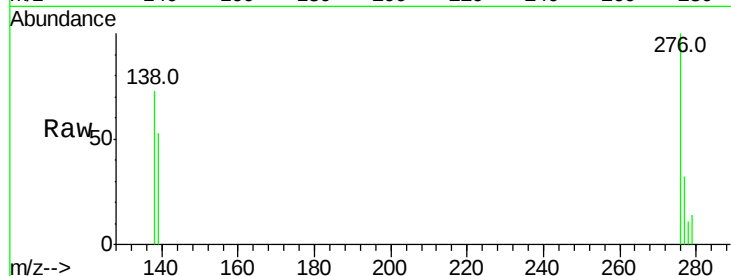
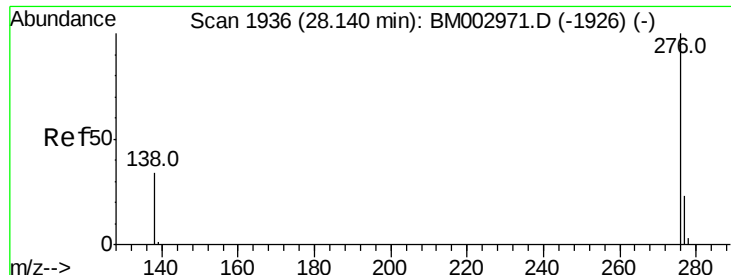
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#26
Indeno(1,2,3-cd)pyrene
Concen: 0.19 ng/ul
RT: 27.31 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM002976.D
Acq: 22 Oct 2015 13:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	42.7	27.5	41.3#
277	24.6	19.3	28.9





#28

Benzo(a,h,i)perylene

Concen: 0.25 ng/ul

RT: 28.15 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

Tot Ion:	276	Resp:	18504
Ion Ratio	Lower	Upper	
276	100		
277	32.4	21.3	31.9#
138	73.1	25.5	38.3#

Instrument :

BNA_M

ClientSampleId :

JG9K3

Manual Integrations
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