

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102215\
 Data File : BM002968.D
 Acq On : 22 Oct 2015 03:38
 Operator : UM/IZ
 Sample : G4075-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9K7

Manual Integrations
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Quant Time: Oct 22 14:38:08 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 : Wed Oct 21 16:23:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	8500	0.40	ng/ul	-0.02
4) Naphthalene-d8	11.48	136	36352	0.40	ng/ul	-0.02
8) Acenaphthene-d10	15.23	164	19768	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.94	188	41736m	0.40	ng/ul	-0.02
18) Chrysene-d12	22.03	240	26275	0.40	ng/ul	-0.01
22) Perylene-d12	24.60	264	23382	0.40	ng/ul	-0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	24176	2.66	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	11165	0.18	ng/ul	-0.01
16) Fluoranthene-d10	19.91	212	20268	0.18	ng/ul	-0.01
Target Compounds				Ovalue		
5) Naphthalene	11.54	128	2264	0.02	ng/ul#	81
7) 2-Methylnaphthalene	13.10	142	1497m	0.02	ng/ul	
9) Acenaphthylene	14.96	152	5339	0.05	ng/ul#	92
11) Fluorene	16.25	166	1536	0.02	ng/ul#	84
14) Phenanthrene	17.98	178	58396	0.44	ng/ul	94
15) Anthracene	18.06	178	7790	0.06	ng/ul#	78
17) Fluoranthene	19.95	202	143273	0.92	ng/ul	92
19) Pyrene	20.30	202	116130	1.22	ng/ul	97
20) Benzo(a)anthracene	22.01	228	14934	0.17	ng/ul#	83
21) Chrysene	22.06	228	60127	0.68	ng/ul#	93
23) Benzo(b)fluoranthene	23.79	252	91132m	1.10	ng/ul	
24) Benzo(k)fluoranthene	23.85	252	20944m	0.26	ng/ul	
26) Indeno(1,2,3-cd)pyrene	27.31	276	28688	0.33	ng/ul	98
28) Benzo(g,h,i)perylene	28.14	276	40102	0.56	ng/ul#	80

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

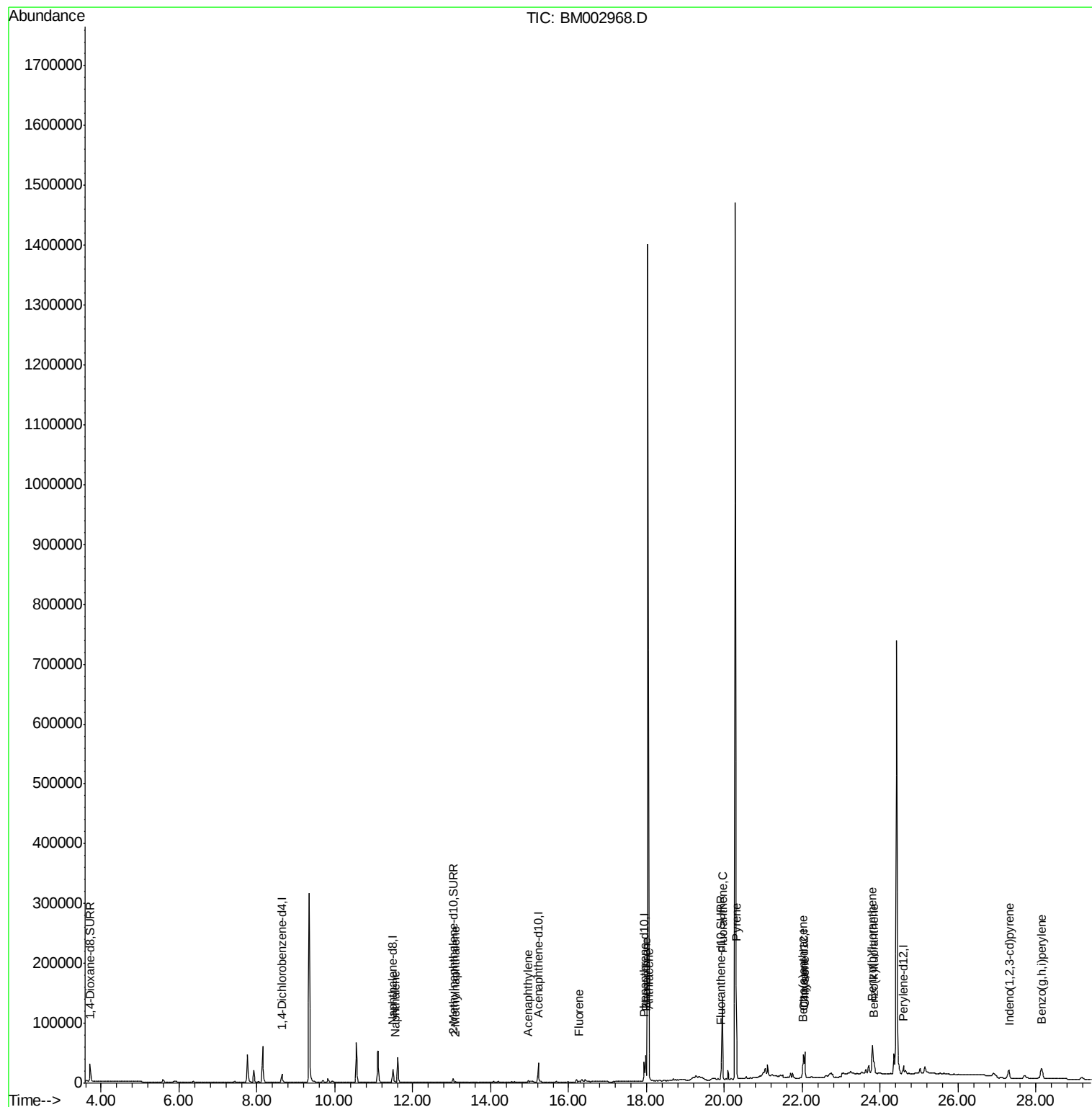
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102215\
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ALS Vial : 23 Sample Multiplier: 1

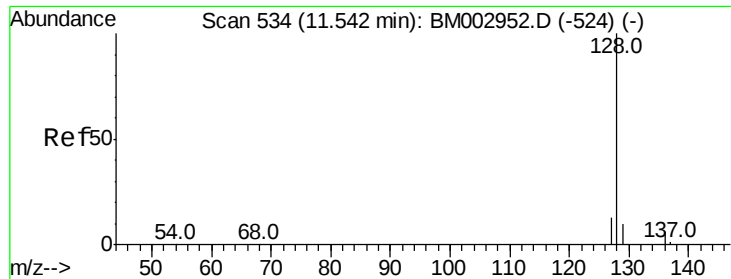
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
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QLast Update : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.02 ng/ul

RT: 11.54 min Scan# 534

Delta R.T. -0.01 min

Lab File: BM002968.D

Acq: 22 Oct 2015 03:38

Instrument :

BNA_M

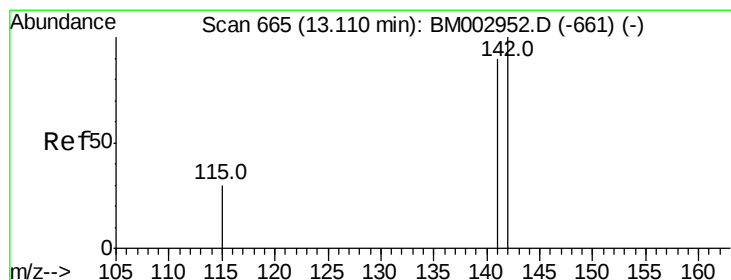
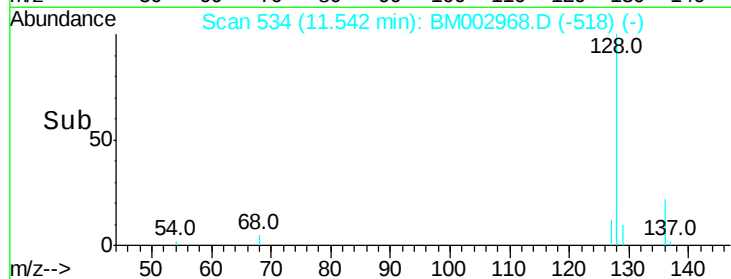
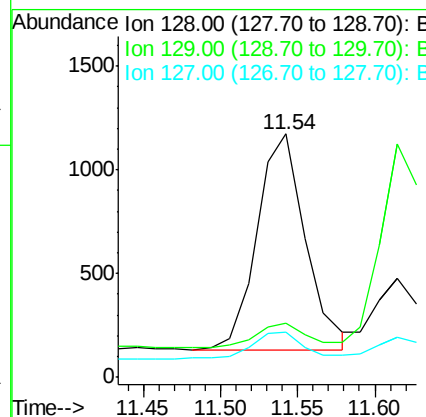
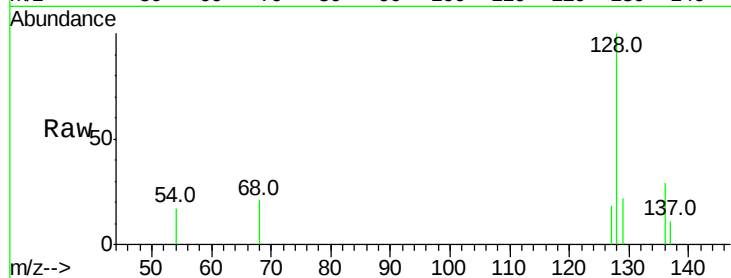
ClientSampleId :

JG9K7

Tot Ion	Ratio	Lower	Upper
128	100		
129	22.3	9.8	14.8#
127	18.3	10.7	16.1#

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#7

2-Methylnaphthalene

Concen: 0.02 ng/ul m

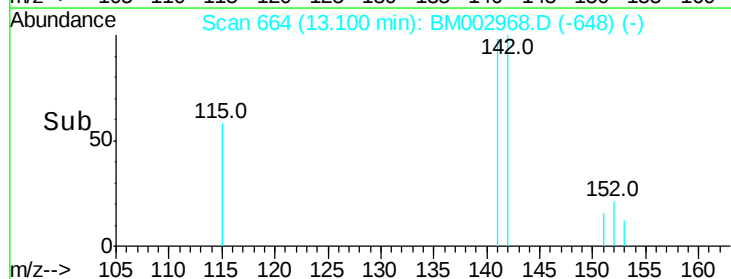
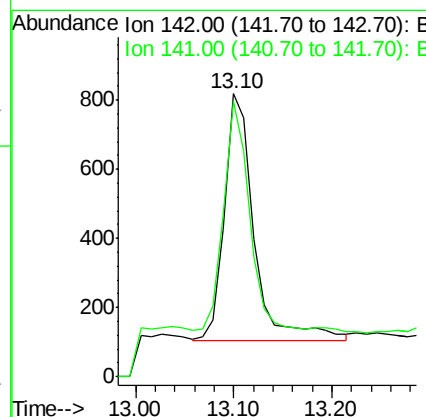
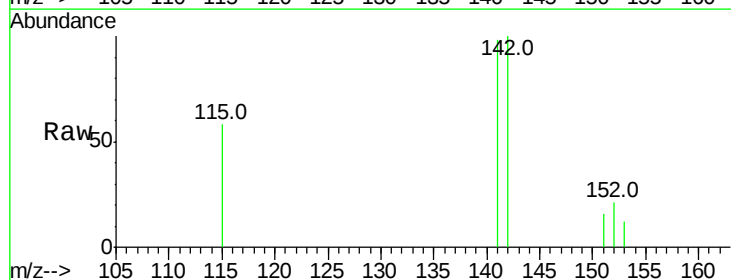
RT: 13.10 min Scan# 664

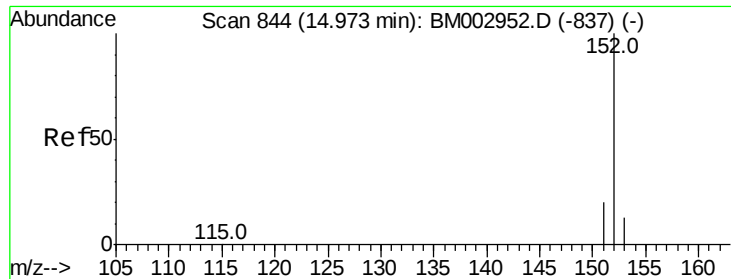
Delta R.T. -0.02 min

Lab File: BM002968.D

Acq: 22 Oct 2015 03:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	118.3	70.3	105.5#





#9

Acenaphthylene

Concen: 0.05 ng/ul

RT: 14.96 min Scan# 843

Delta R.T. -0.01 min

Lab File: BM002968.D

Acq: 22 Oct 2015 03:38

Instrument :

BNA_M

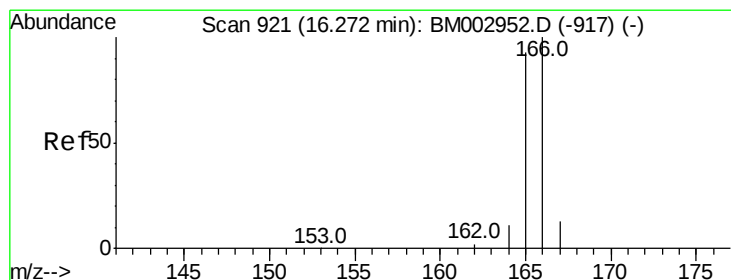
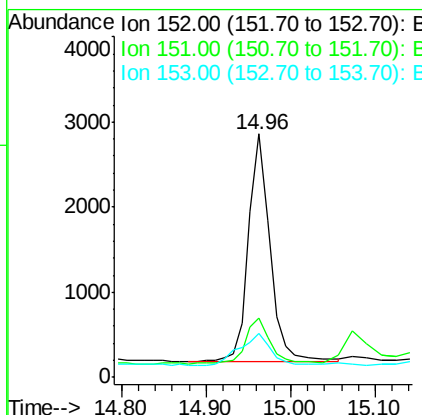
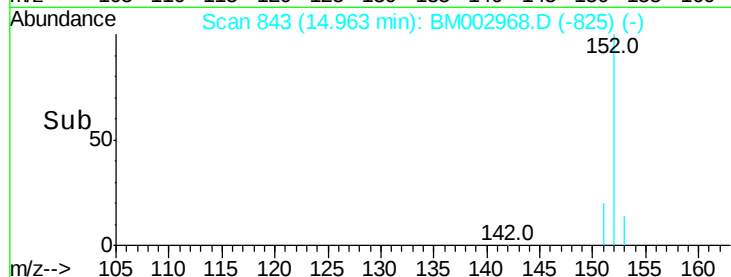
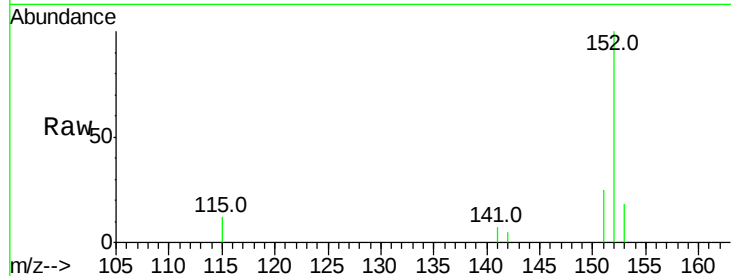
ClientSampleId :

JG9K7

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Tot Ion:	152	Resp:	5339
Ion Ratio	Lower	Upper	
152	100		
151	24.6	16.8	25.2
153	18.0	11.3	16.9#



#11

Fluorene

Concen: 0.02 ng/ul

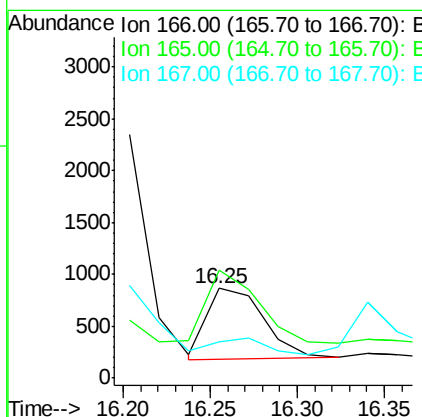
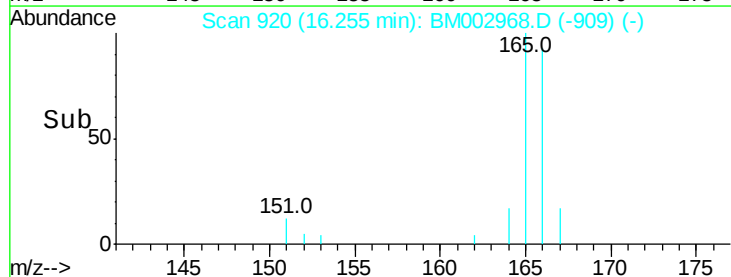
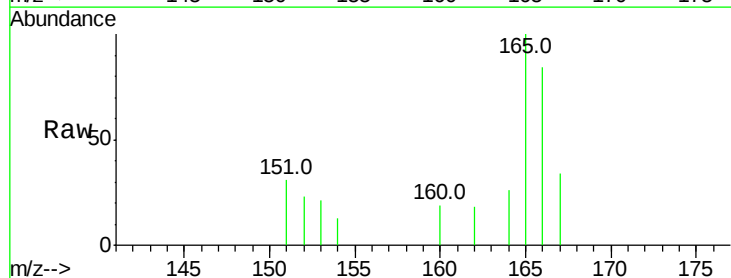
RT: 16.25 min Scan# 920

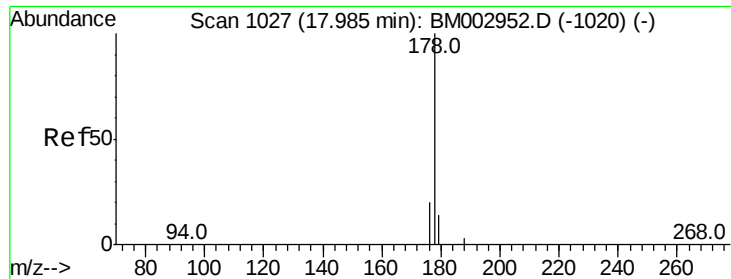
Delta R.T. -0.02 min

Lab File: BM002968.D

Acq: 22 Oct 2015 03:38

Tgt Ion:	166	Resp:	1536
Ion Ratio	Lower	Upper	
166	100		
165	119.7	87.6	131.4
167	40.8	11.1	16.7#





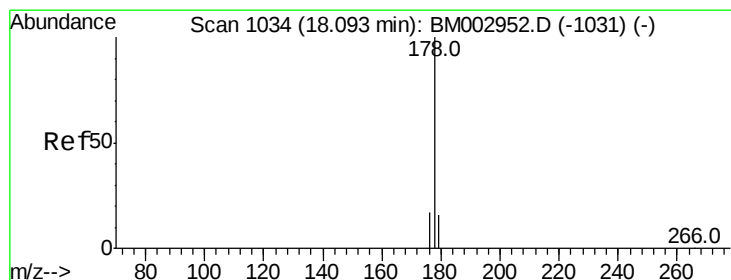
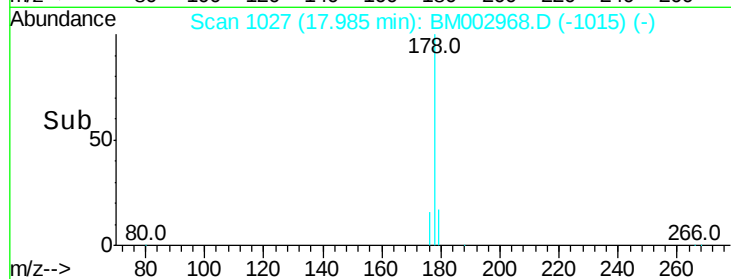
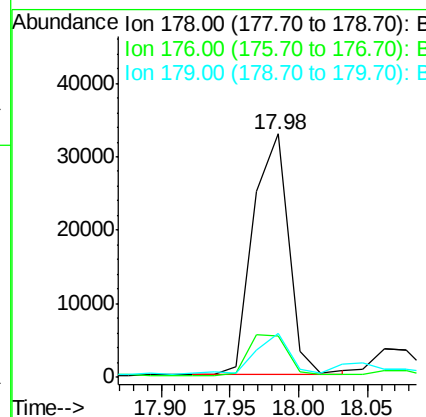
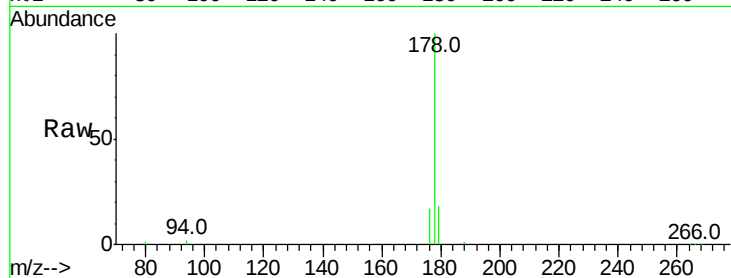
#14
Phenanthrene
Concen: 0.44 ng/ul
RT: 17.98 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Instrument :
BNA_M
ClientSampleId :
JG9K7

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.1	16.2	24.4
179	17.9	12.8	19.2

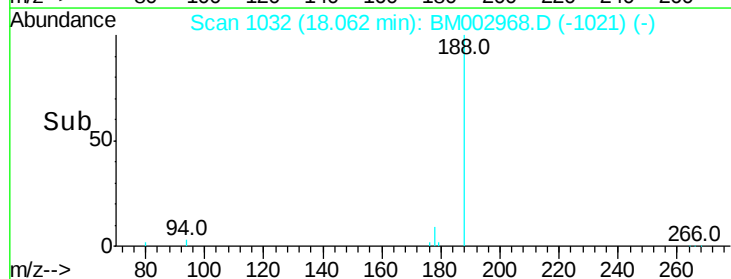
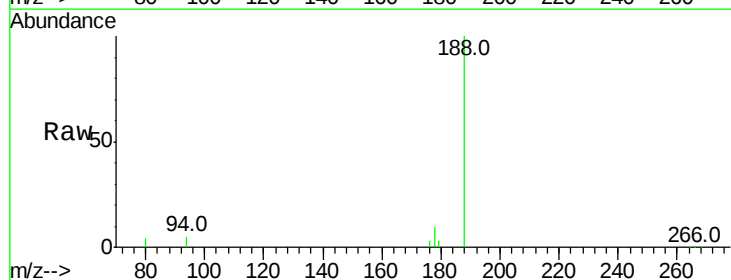
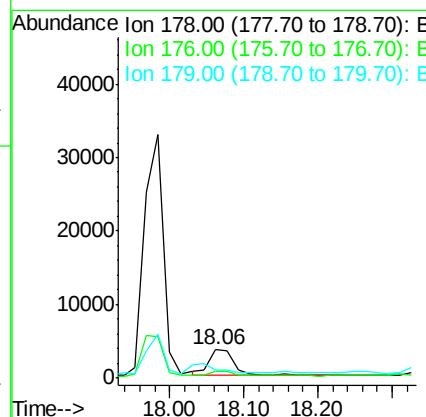
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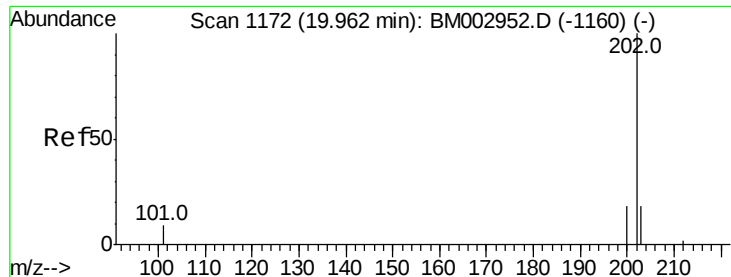
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#15
Anthracene
Concen: 0.06 ng/ul
RT: 18.06 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.7	15.8	23.8#
179	30.5	13.3	19.9#





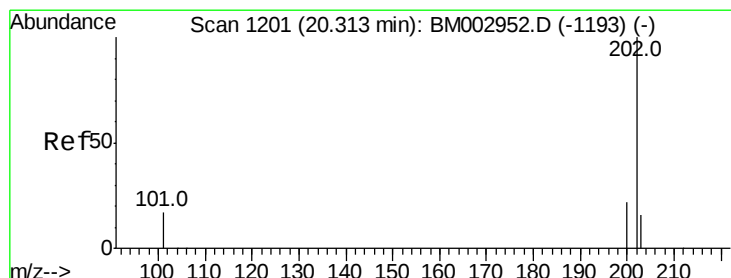
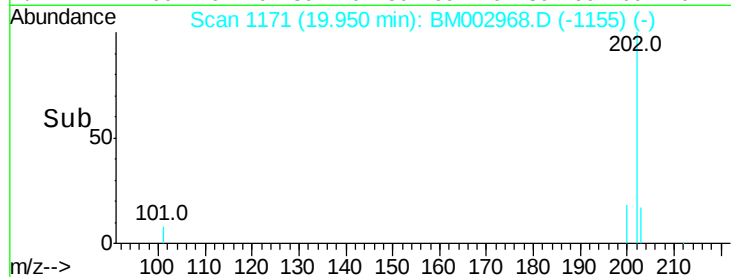
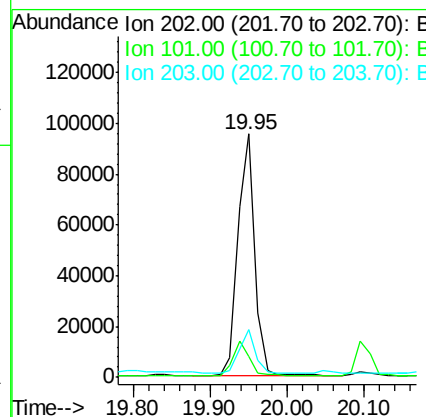
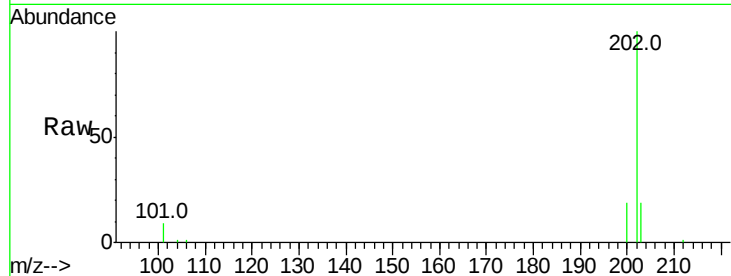
#17
Fluoranthene
 Concen: 0.92 ng/ul
 RT: 19.95 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BM002968.D
 Acq: 22 Oct 2015 03:38

Instrument :
 BNA_M
 ClientSampleId :
 JG9K7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.6	0.0	33.1
203	19.4	0.0	37.2

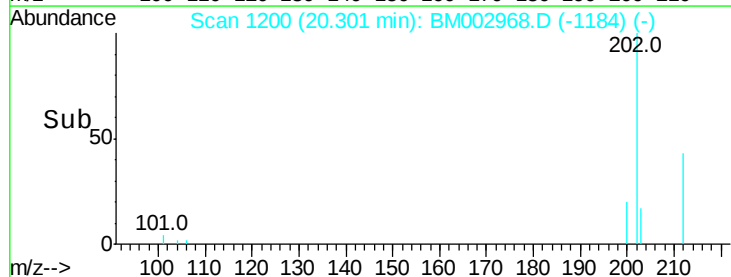
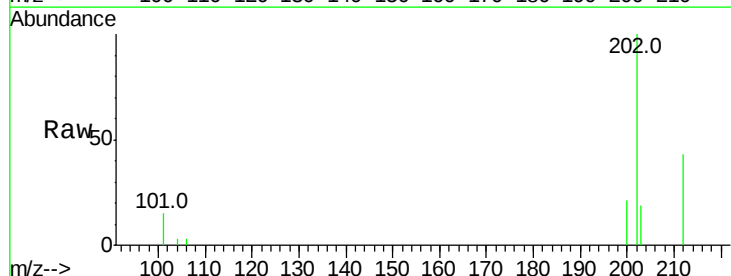
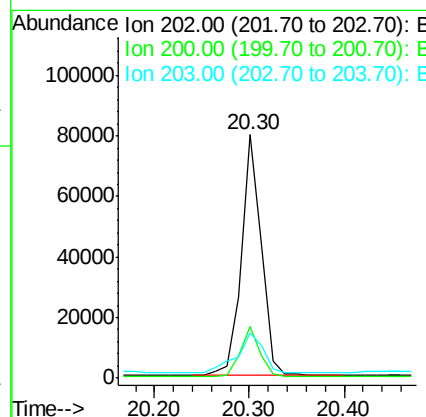
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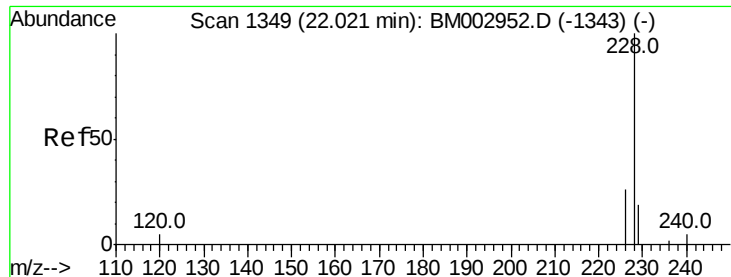
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#19
Pyrene
 Concen: 1.22 ng/ul
 RT: 20.30 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BM002968.D
 Acq: 22 Oct 2015 03:38

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	18.0	27.0
203	18.5	13.8	20.6





#20

Benzo(a)anthracene

Concen: 0.17 ng/ul

RT: 22.01 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BM002968.D

Acq: 22 Oct 2015 03:38

Instrument :

BNA_M

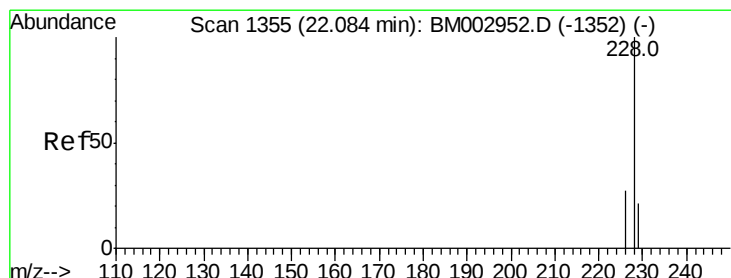
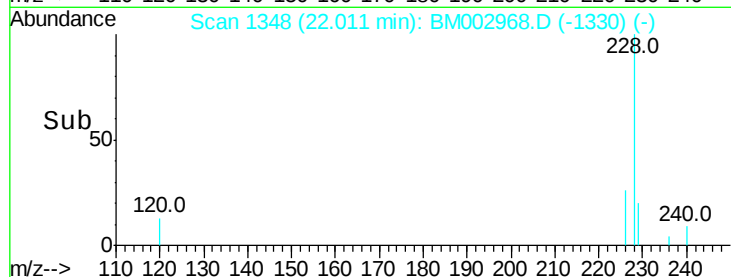
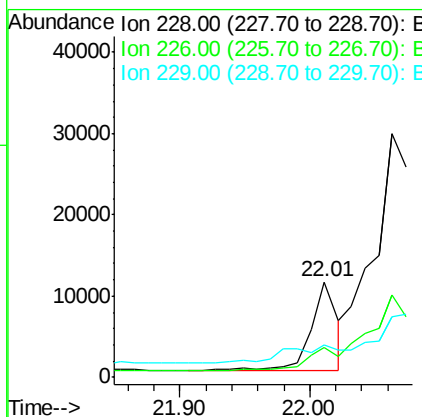
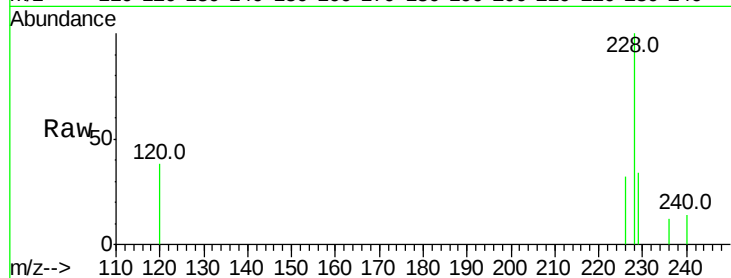
ClientSampleId :

JG9K7

Tot Ion:228	Resp:	14934
Ion Ratio	Lower	Upper
228	100	
226	31.8	23.0 34.4
229	34.4	15.2 22.8#

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#21

Chrysene

Concen: 0.68 ng/ul

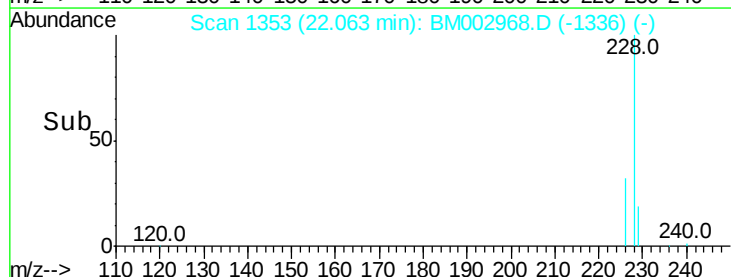
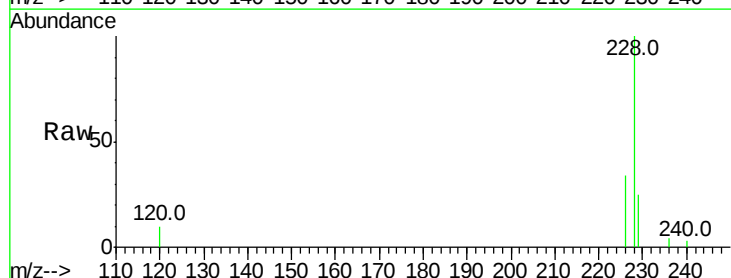
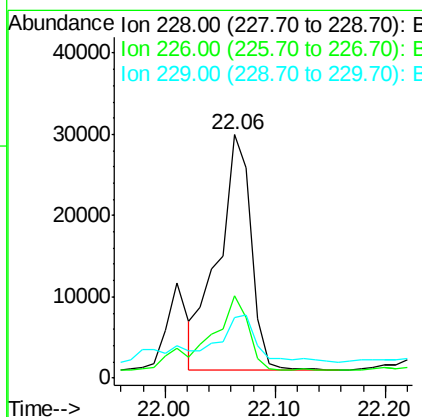
RT: 22.06 min Scan# 1353

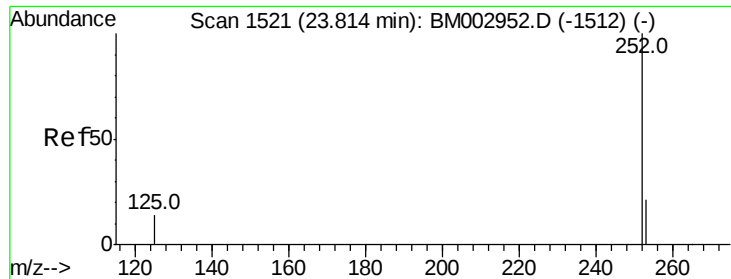
Delta R.T. -0.02 min

Lab File: BM002968.D

Acq: 22 Oct 2015 03:38

Tgt Ion:228	Resp:	60127
Ion Ratio	Lower	Upper
228	100	
226	33.9	25.7 38.5
229	24.8	15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 1.10 ng/ul m

RT: 23.79 min Scan# 1519

Delta R.T. -0.02 min

Lab File: BM002968.D

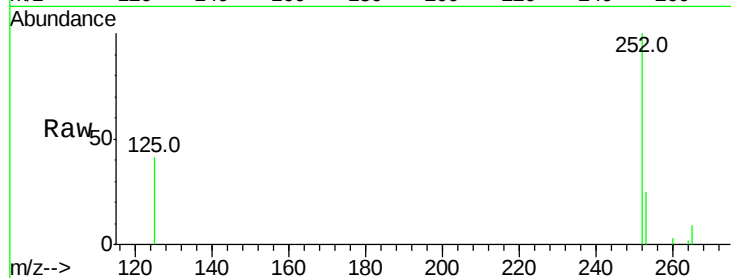
Acq: 22 Oct 2015 03:38

Instrument :

BNA_M

ClientSampleId :

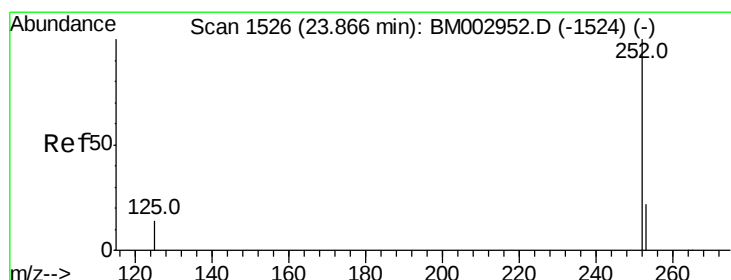
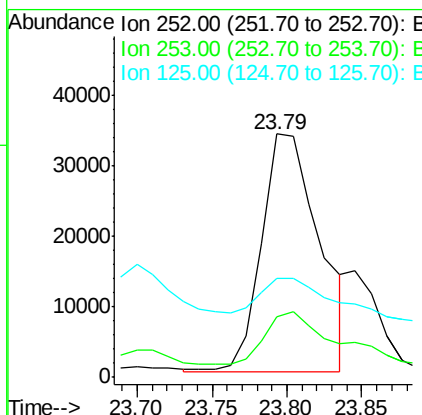
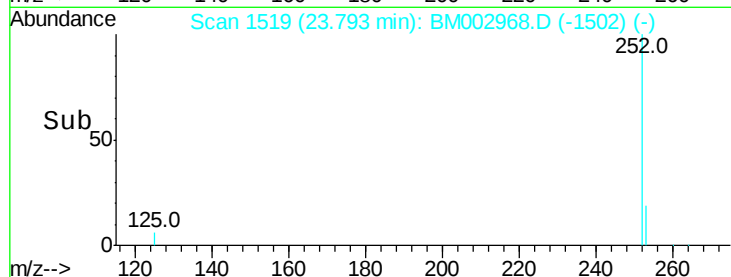
JG9K7



Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	48.0
125	40.9	0.0	36.6

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#24

Benzo(k)fluoranthene

Concen: 0.26 ng/ul m

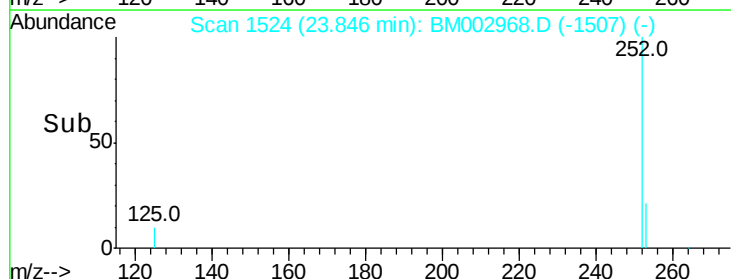
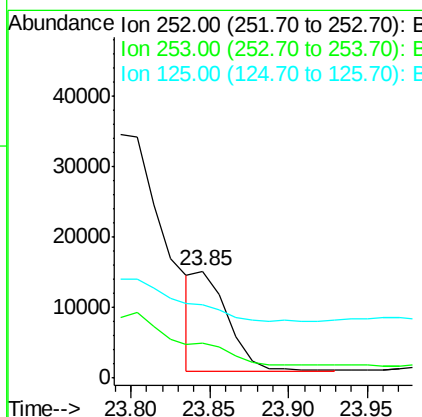
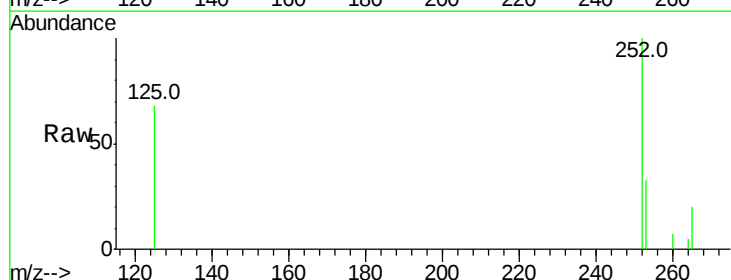
RT: 23.85 min Scan# 1524

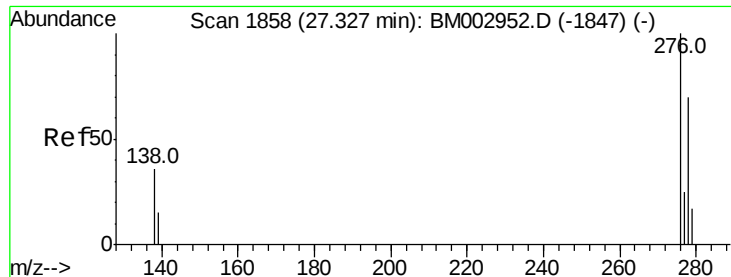
Delta R.T. -0.02 min

Lab File: BM002968.D

Acq: 22 Oct 2015 03:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.0	20.8	31.2
125	68.1	12.2	18.4





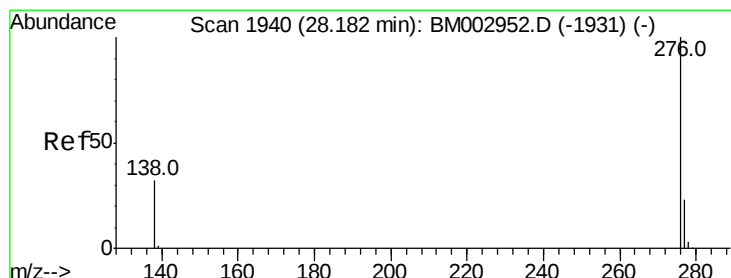
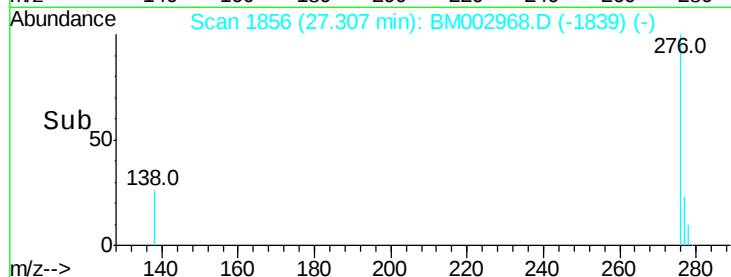
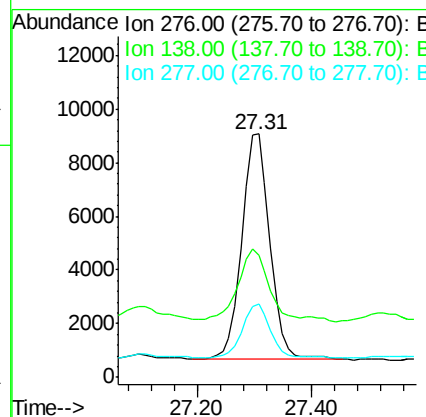
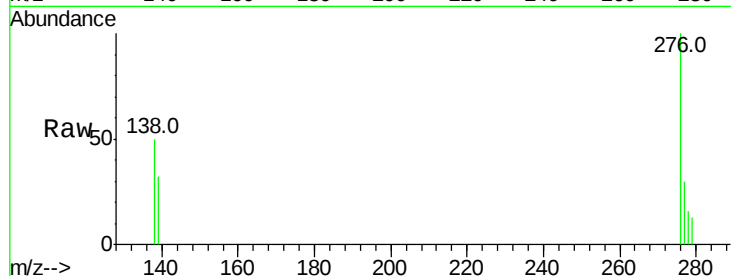
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.33 ng/ul
 RT: 27.31 min Scan# 1856
 Delta R.T. -0.02 min
 Lab File: BM002968.D
 Acq: 22 Oct 2015 03:38

Instrument :
 BNA_M
 ClientSampleId :
 JG9K7

Tot Ion	Ratio	Resp	Lower	Upper
276	100	28688		
138	36.0		27.5	41.3
277	23.5		19.3	28.9

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#28
 Benzo(g,h,i)perylene
 Concen: 0.56 ng/ul
 RT: 28.14 min Scan# 1936
 Delta R.T. -0.04 min
 Lab File: BM002968.D
 Acq: 22 Oct 2015 03:38

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	40102		
277	28.5		21.3	31.9
138	51.0		25.5	38.3#

