

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
 Data File : BM009150.D
 Acq On : 09 Mar 2017 17:57
 Operator : SJ/MA
 Sample : I2069-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ4

Manual Integrations
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Quant Time: Mar 10 03:09:39 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 10 02:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	193	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	621	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	372	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	877m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	887	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	822m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	343	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	833	0.30	ng/ul	-0.01
Target Compounds				Qvalue		
12) Phenanthrene	17.30	178	247m	0.09	ng/ul	
15) Fluoranthene	19.33	202	497	0.14	ng/ul	80
17) Pyrene	19.69	202	600	0.20	ng/ul#	80
18) Benzo(a)anthracene	21.42	228	279	0.09	ng/ul#	67
19) Chrysene	21.48	228	248	0.09	ng/ul#	65
23) Benzo(a)pyrene	23.67	252	385m	0.13	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	193m	0.05	ng/ul	
26) Benzo(g,h,i)perylene	26.88	276	181m	0.06	ng/ul	

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

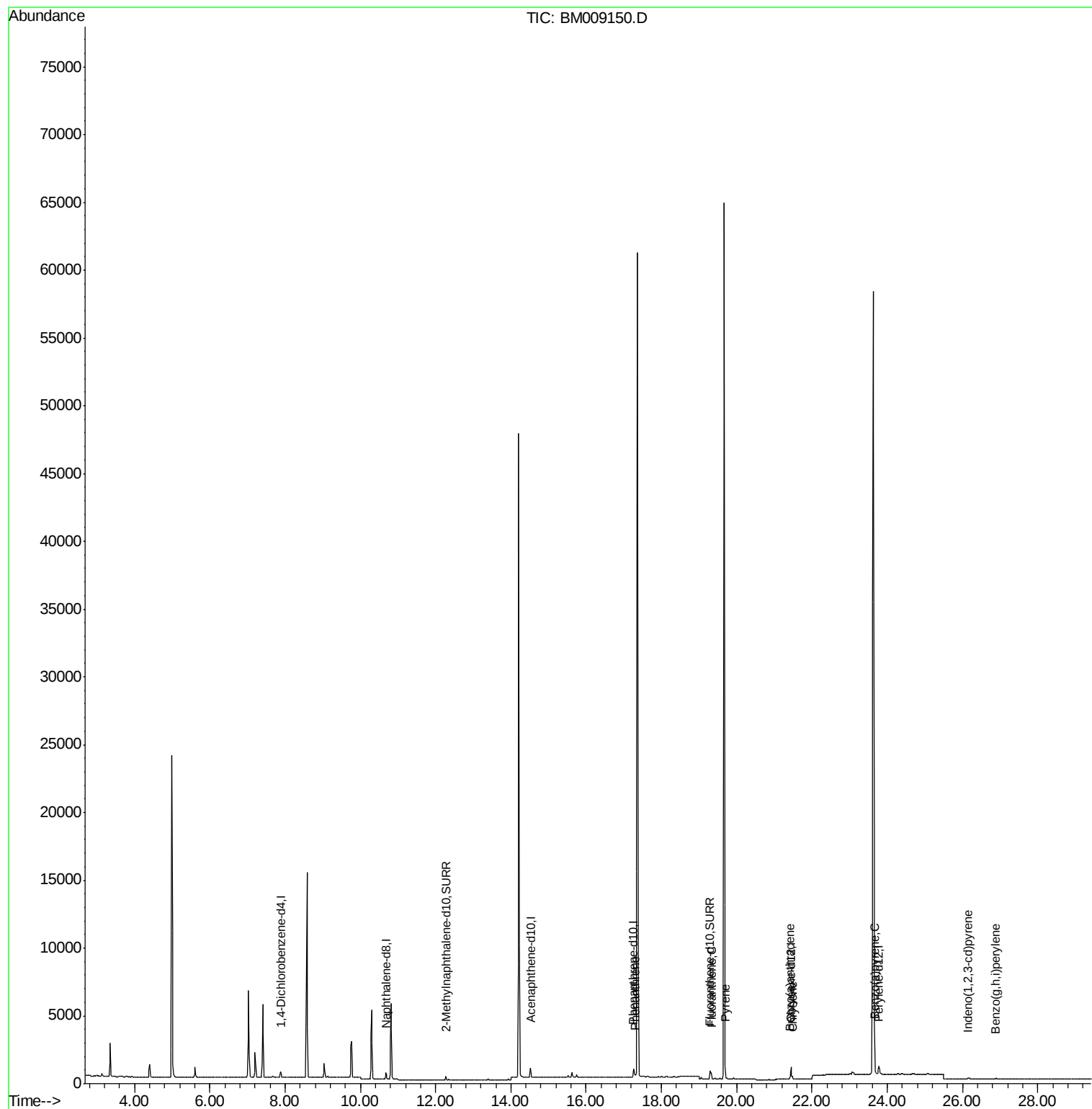
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
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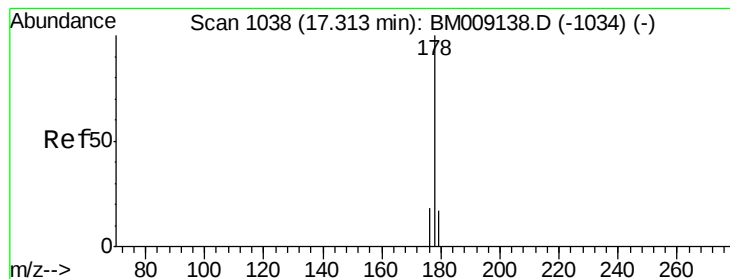
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#12

Phenanthrene

Concen: 0.09 ng/ul m

RT: 17.30 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BM009150.D

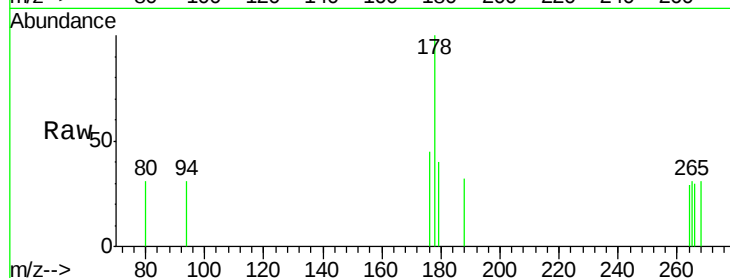
Acq: 09 Mar 2017 17:57

Instrument :

BNA_M

ClientSampleId :

C0AJ4



Tgt Ion:178 Resp: 247

Ion Ratio Lower Upper

178 100

176 45.1 18.4 27.6#

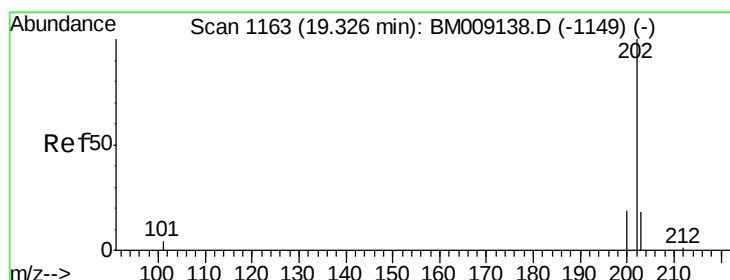
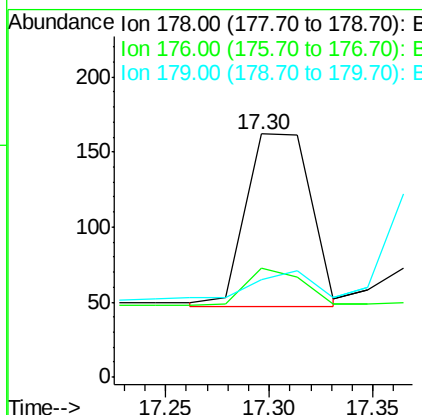
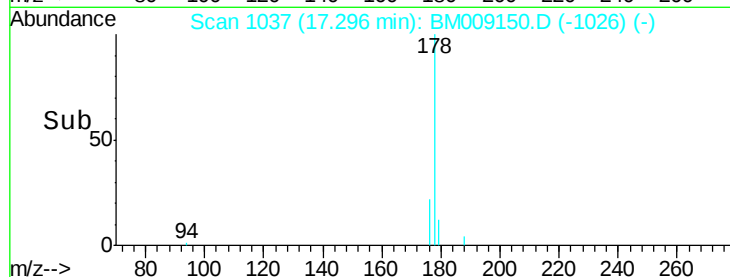
179 40.1 13.6 20.4#

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#15

Fluoranthene

Concen: 0.14 ng/ul

RT: 19.33 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BM009150.D

Acq: 09 Mar 2017 17:57

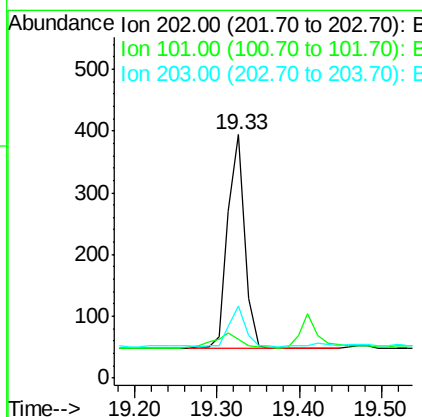
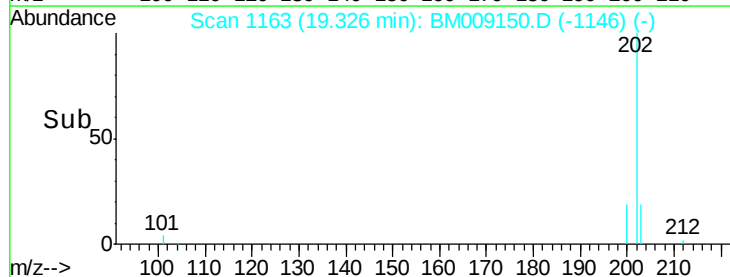
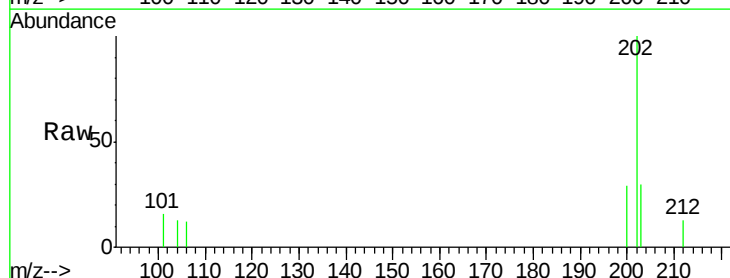
Tgt Ion:202 Resp: 497

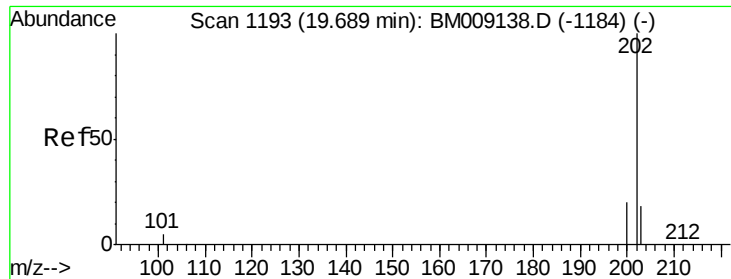
Ion Ratio Lower Upper

202 100

101 16.0 0.0 30.3

203 29.7 0.0 39.5





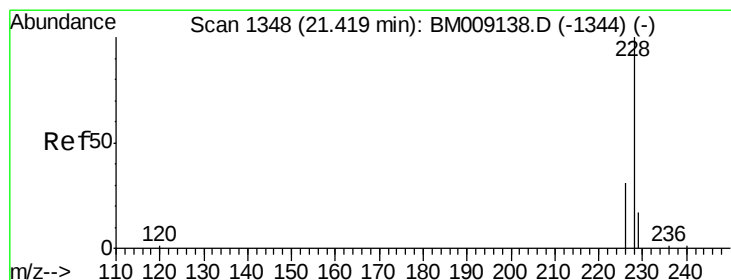
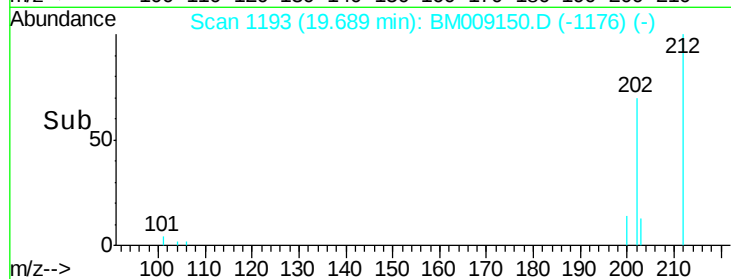
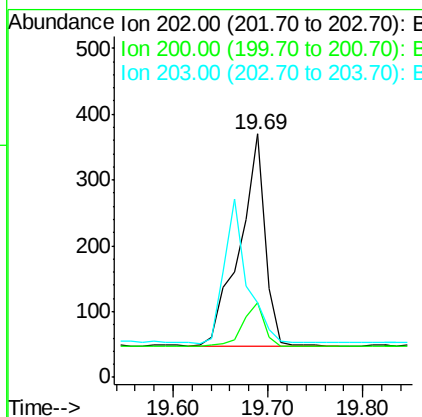
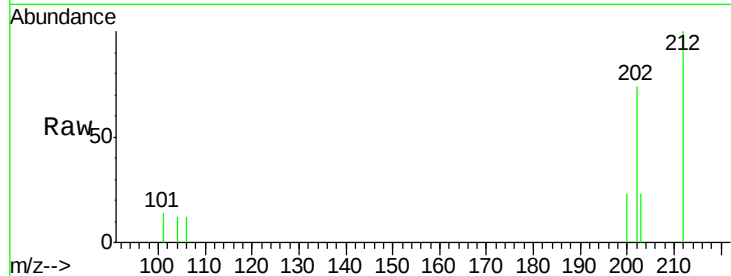
#17
 Pyrene
 Concen: 0.20 ng/ul
 RT: 19.69 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BM009150.D
 Acq: 09 Mar 2017 17:57

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ4

Tgt Ion	Ratio	Lower	Upper
202	100		
200	30.5	18.2	27.4#
203	30.5	15.6	23.4#

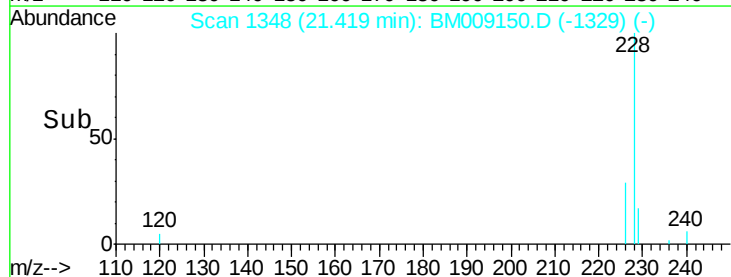
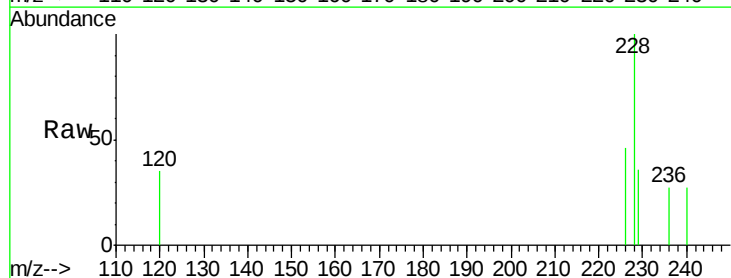
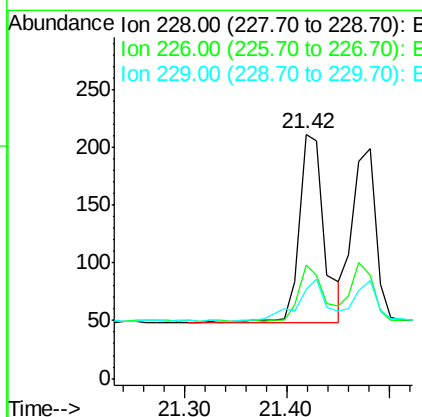
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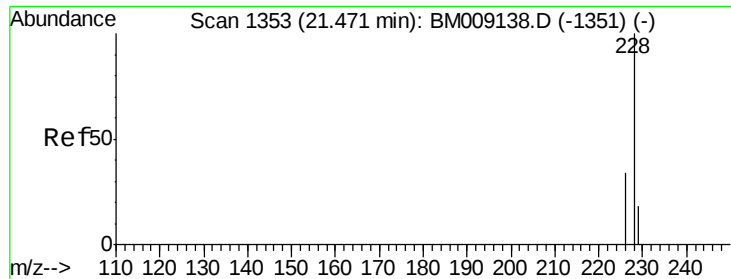
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#18
 Benzo(a)anthracene
 Concen: 0.09 ng/ul
 RT: 21.42 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BM009150.D
 Acq: 09 Mar 2017 17:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	46.4	22.8	34.2#
229	36.5	17.0	25.6#





#19

Chrysene

Concen: 0.09 ng/u1

RT: 21.48 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BM009150.D

Acq: 09 Mar 2017 17:57

Instrument :

BNA_M

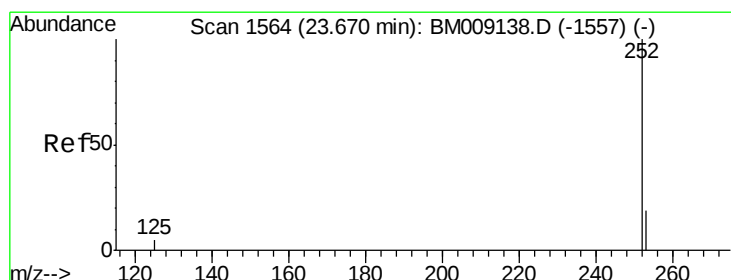
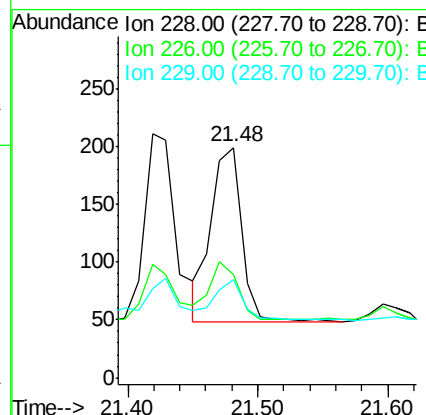
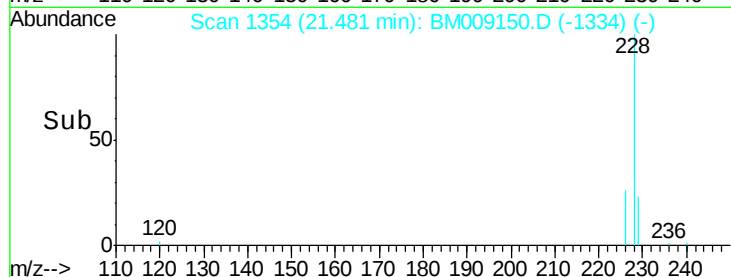
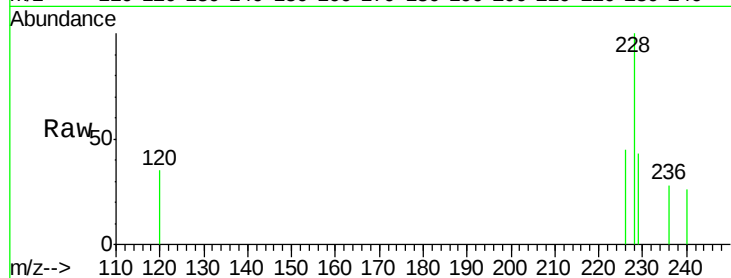
ClientSampleId :

C0AJ4

Tgt Ion:	228	Resp:	248
Ion Ratio	Lower	Upper	
228	100		
226	44.7	23.4	35.0#
229	42.7	17.7	26.5#

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#23

Benzo(a)pyrene

Concen: 0.13 ng/u1 m

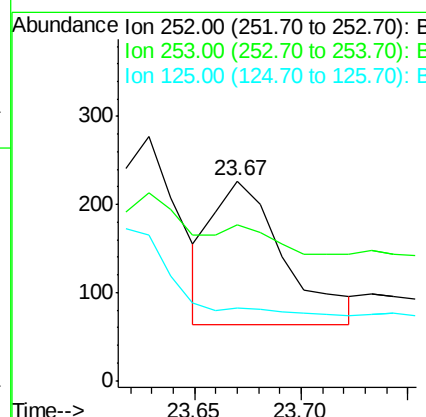
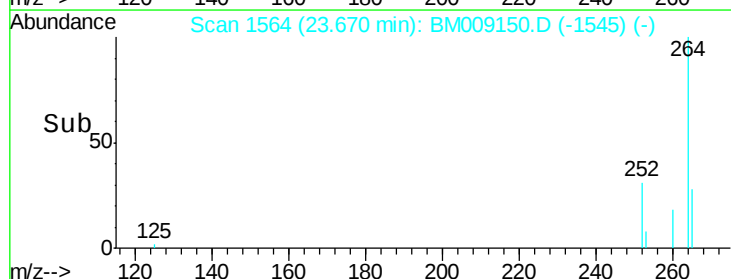
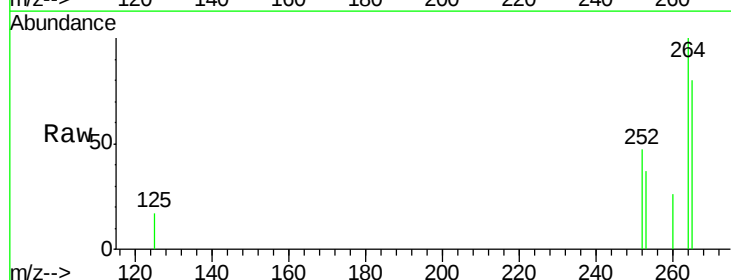
RT: 23.67 min Scan# 1564

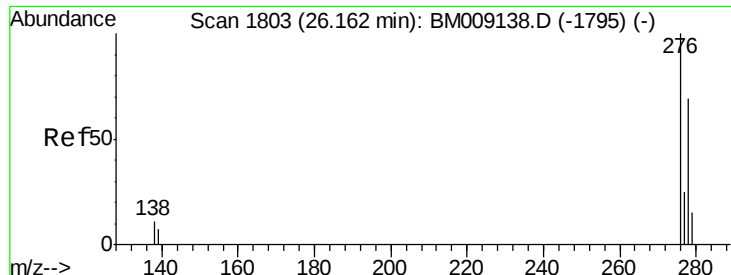
Delta R.T. -0.00 min

Lab File: BM009150.D

Acq: 09 Mar 2017 17:57

Tgt Ion:	252	Resp:	385
Ion Ratio	Lower	Upper	
252	100		
253	78.0	28.5	42.7#
125	36.1	18.1	27.1#





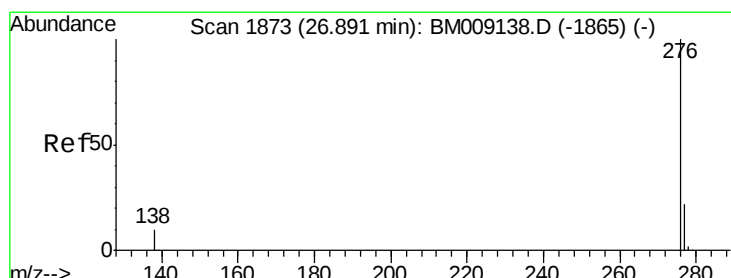
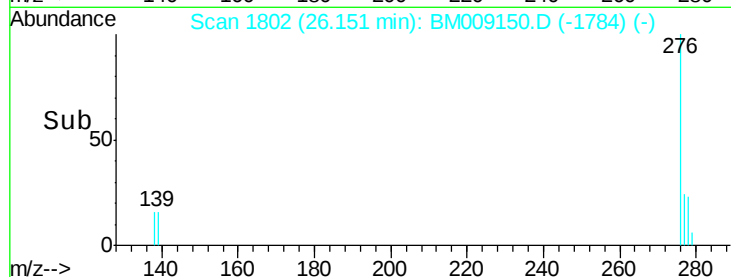
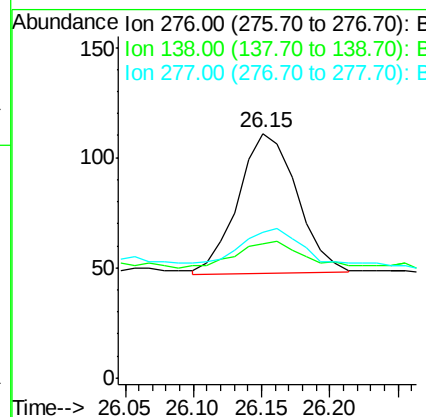
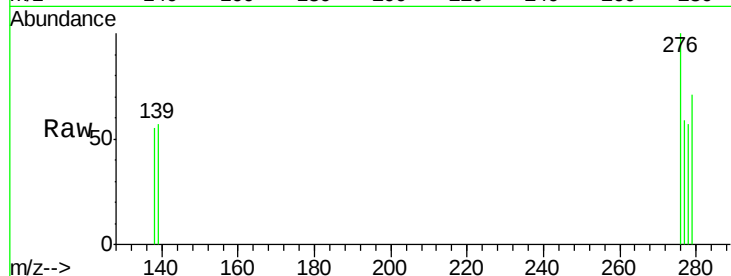
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.05 ng/ul m
 RT: 26.15 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BM009150.D
 Acq: 09 Mar 2017 17:57

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ4

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	193		
138	1.6	19.1	28.7#	
277	0.0	19.6	29.4#	

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#26
 Benzo(g,h,i)perylene
 Concen: 0.06 ng/ul m
 RT: 26.88 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BM009150.D
 Acq: 09 Mar 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	181		
277	63.9	21.8	32.8#	
138	56.7	20.5	30.7#	

