

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
 Data File : BM009177.D
 Acq On : 10 Mar 2017 15:46
 Operator : SJ/MA
 Sample : I2107-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ7

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Quant Time: Mar 10 17:37:57 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 15:19:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	222	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	707	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	416	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	899m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1018	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	874m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	333	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	820	0.29	ng/ul	0.00
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.34	142	77	0.05	ng/ul	92
8) Acenaphthene	14.57	153	74	0.04	ng/ul#	84
9) Fluorene	15.56	166	95	0.05	ng/ul#	71
12) Phenanthrene	17.30	178	1889	0.67	ng/ul	96
13) Anthracene	17.40	178	236	0.08	ng/ul#	55
15) Fluoranthene	19.33	202	3936	1.07	ng/ul	95
17) Pyrene	19.69	202	3381	0.97	ng/ul	97
18) Benzo(a)anthracene	21.42	228	1504	0.44	ng/ul#	93
19) Chrysene	21.47	228	1795m	0.56	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	2491m	0.73	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	687m	0.23	ng/ul	
23) Benzo(a)pyrene	23.67	252	1492m	0.48	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	1052m	0.27	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	961m	0.29	ng/ul	

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

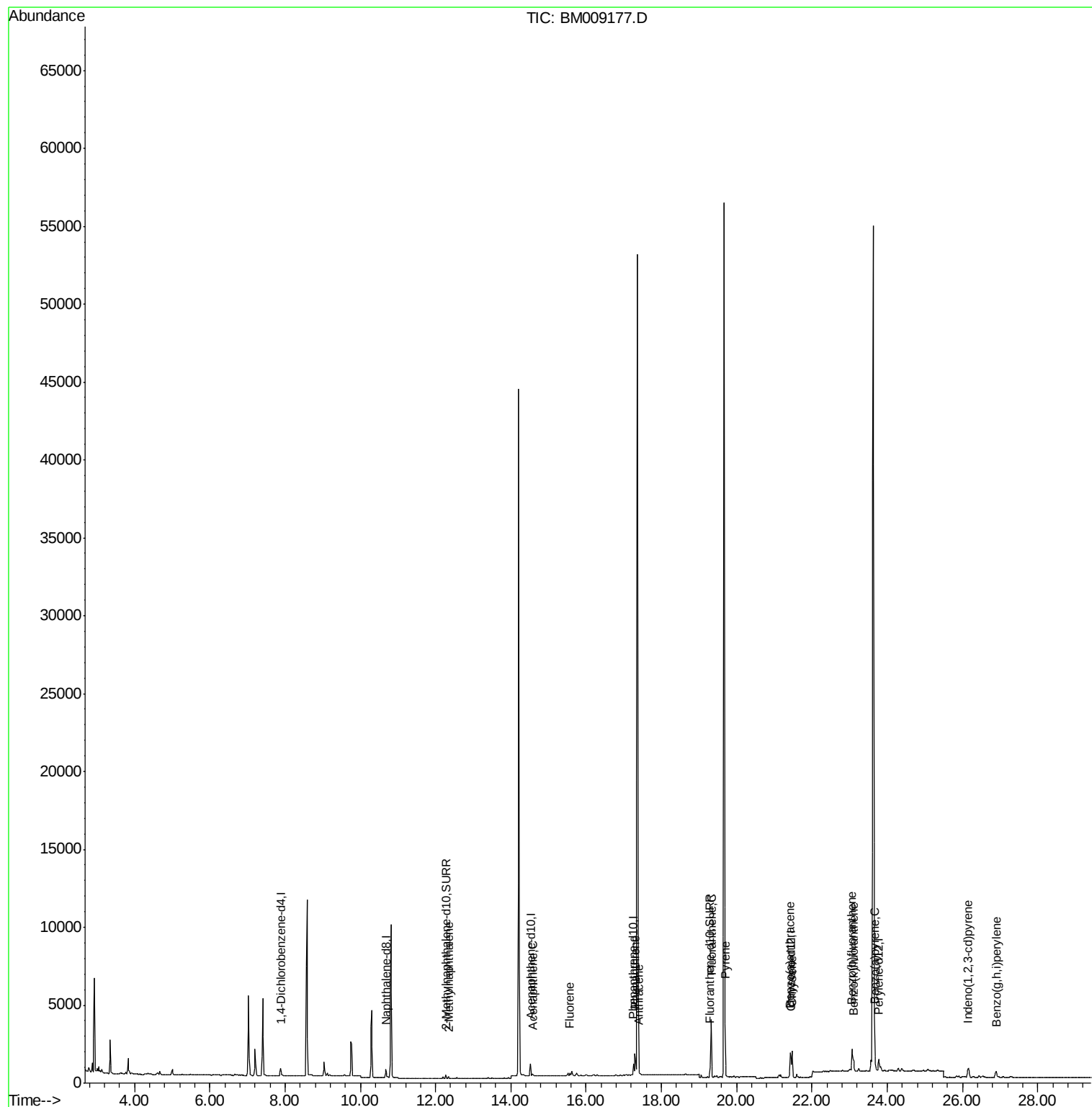
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
Data File : BM009177.D
Acq On : 10 Mar 2017 15:46
Operator : SJ/MA
Sample : I2107-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

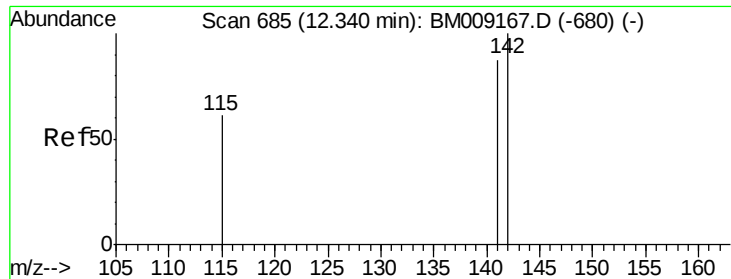
Instrument :
BNA_M
ClientSampleId :
C0AJ7

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Quant Time: Mar 10 17:37:57 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 15:19:24 2017
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.05 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM009177.D

Acq: 10 Mar 2017 15:46

Instrument :

BNA_M

ClientSampleId :

C0AJ7

Tgt Ion:142 Resp: 77

Ion Ratio Lower Upper

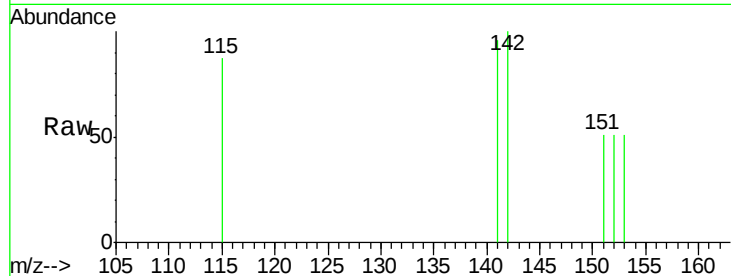
142 100

141 98.7 72.6 108.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.34

100

80

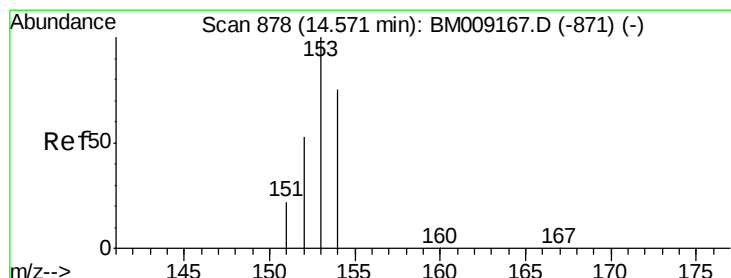
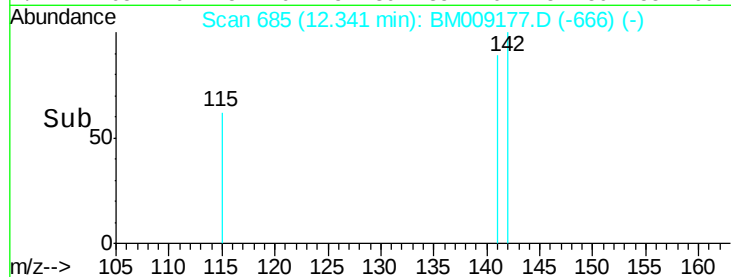
60

40

20

0

Time--> 12.20 12.30 12.40



#8

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.57 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM009177.D

Acq: 10 Mar 2017 15:46

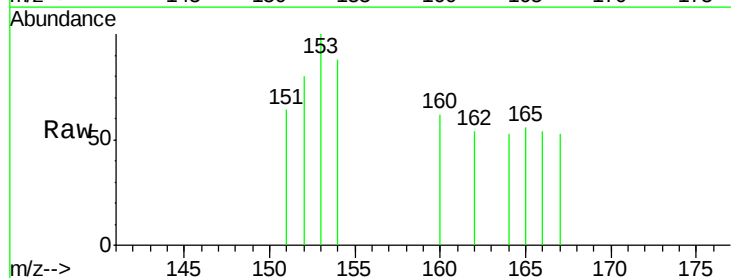
Tgt Ion:153 Resp: 74

Ion Ratio Lower Upper

153 100

152 79.8 40.3 60.5#

154 87.6 71.4 107.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.57

120

100

80

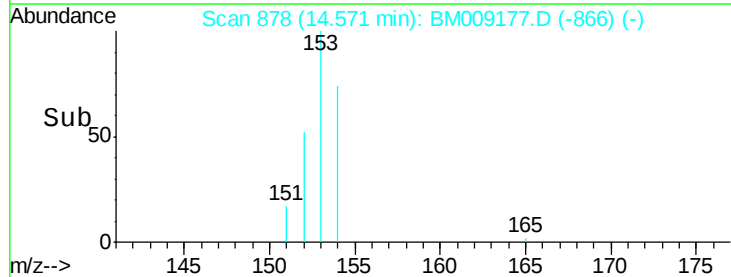
60

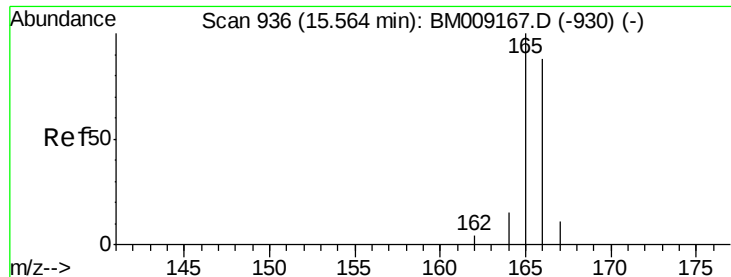
40

20

0

Time--> 14.50 14.55 14.60 14.65





#9

Fluorene

Concen: 0.05 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. 0.00 min

Lab File: BM009177.D

Acq: 10 Mar 2017 15:46

Instrument :

BNA_M

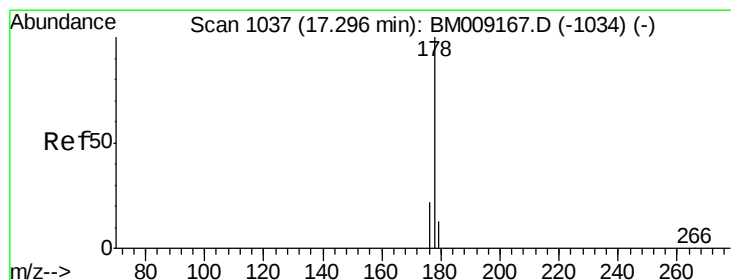
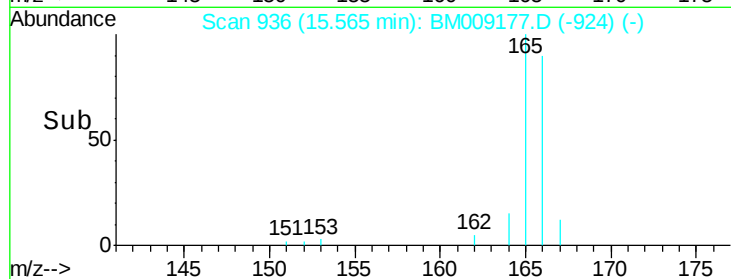
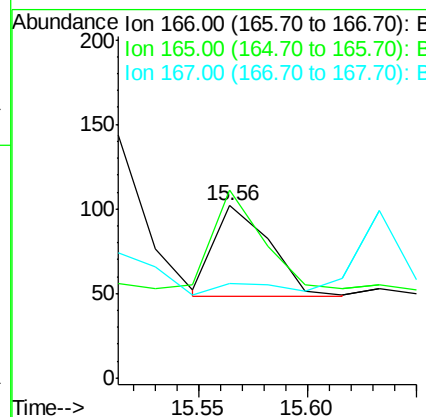
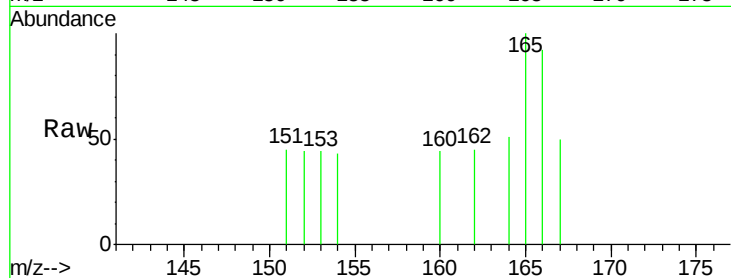
ClientSampleId :

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Tgt Ion:	166	Resp:	95
Ion Ratio	Lower	Upper	
166	100		
165	108.8	73.4	110.2
167	54.9	14.6	22.0#

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#12

Phenanthrene

Concen: 0.67 ng/ul

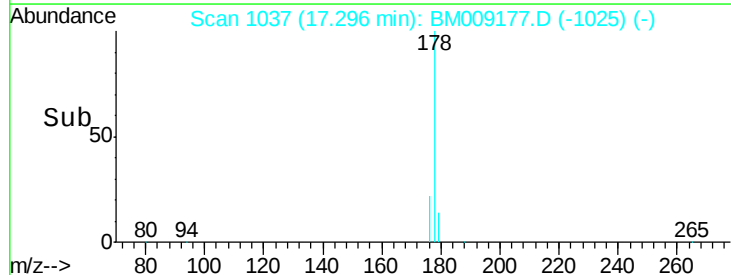
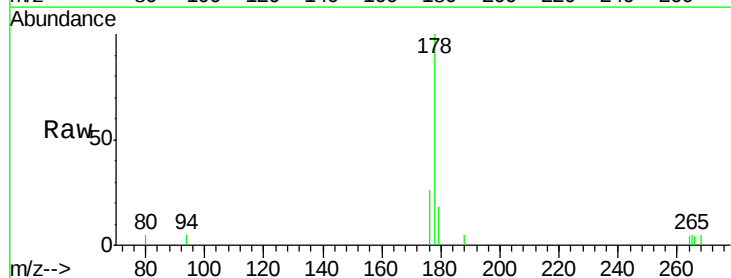
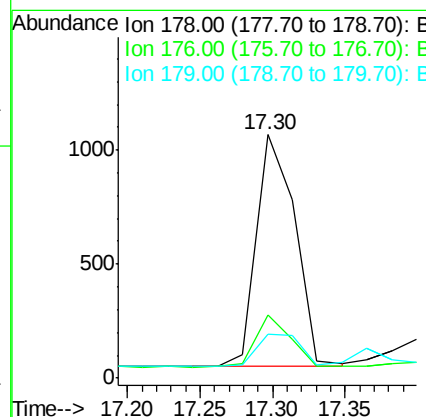
RT: 17.30 min Scan# 1037

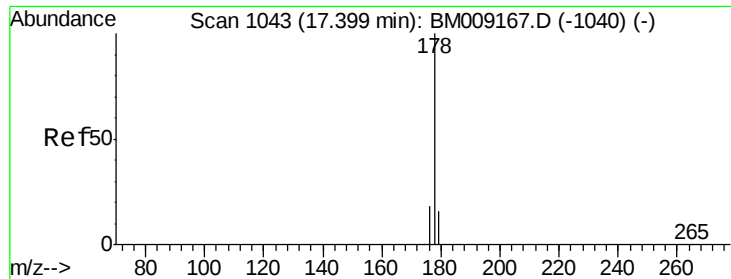
Delta R.T. 0.00 min

Lab File: BM009177.D

Acq: 10 Mar 2017 15:46

Tgt Ion:	178	Resp:	1889
Ion Ratio	Lower	Upper	
178	100		
176	25.7	18.4	27.6
179	18.3	13.6	20.4





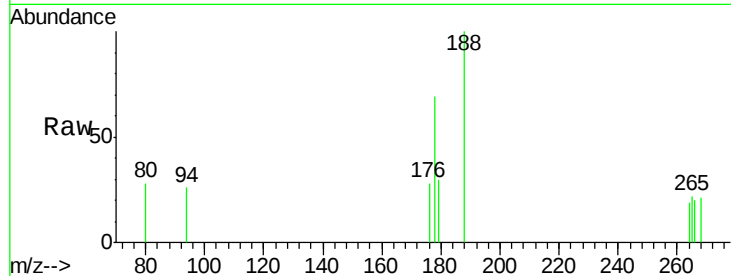
#13
 Anthracene
 Concen: 0.08 ng/ul
 RT: 17.40 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BM009177.D
 Acq: 10 Mar 2017 15:46

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ7

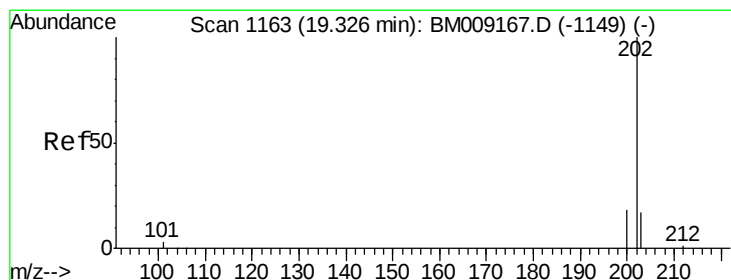
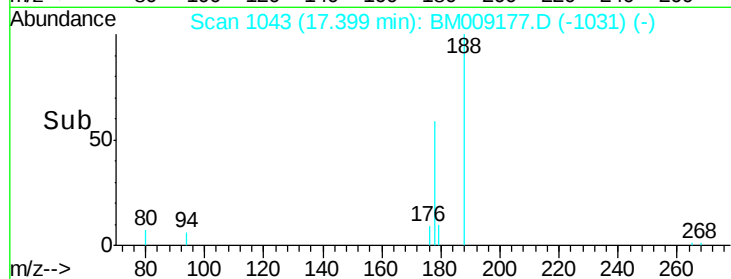
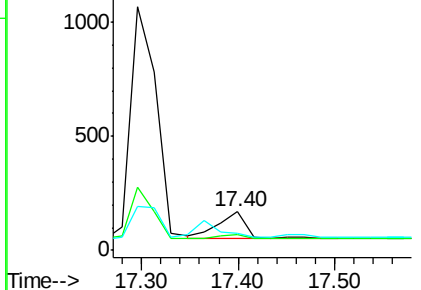
Tgt Ion	Ratio	Lower	Upper
178	100		
176	40.6	18.1	27.1#
179	42.9	14.7	22.1#

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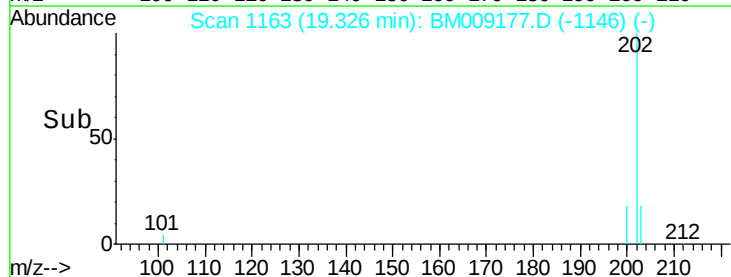
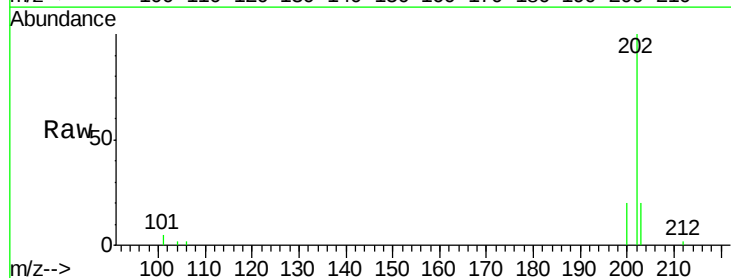
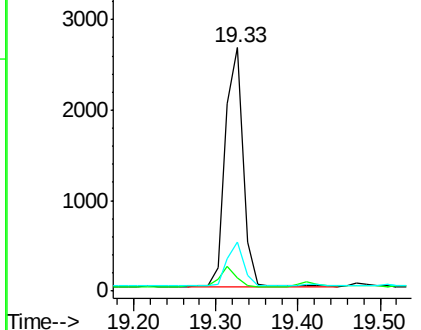
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

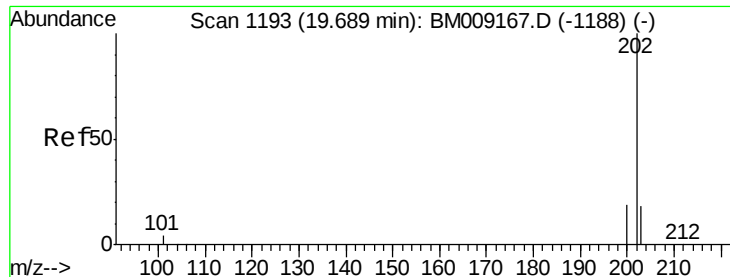


#15
 Fluoranthene
 Concen: 1.07 ng/ul
 RT: 19.33 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BM009177.D
 Acq: 10 Mar 2017 15:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	30.3
203	20.2	0.0	39.5

Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





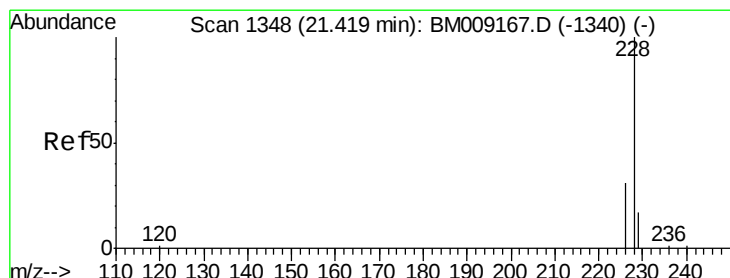
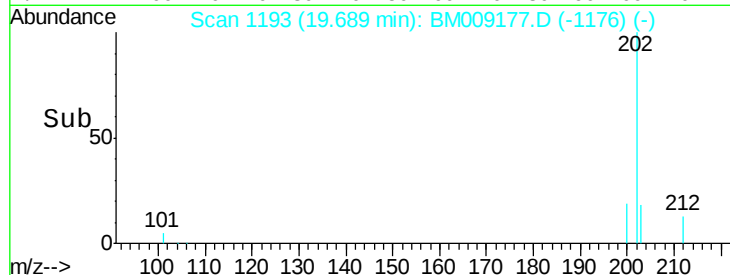
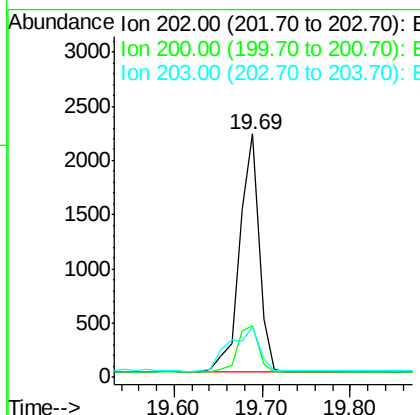
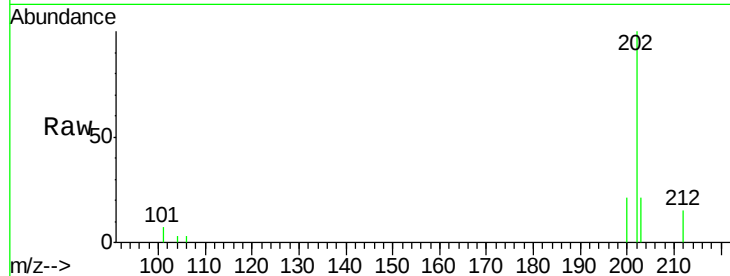
#17
Pyrene
Concen: 0.97 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM009177.D
Acq: 10 Mar 2017 15:46

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3381		
200	21.1	18.2	27.4	
203	20.7	15.6	23.4	

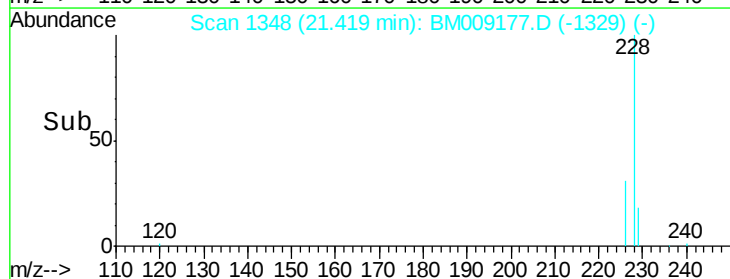
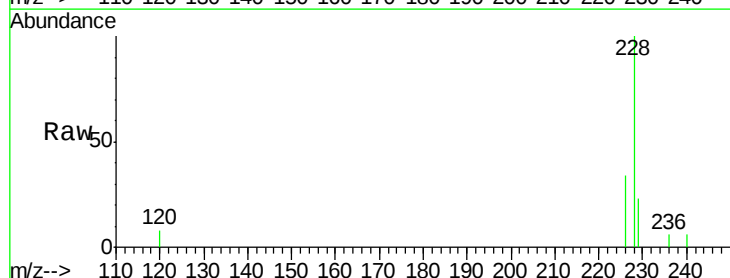
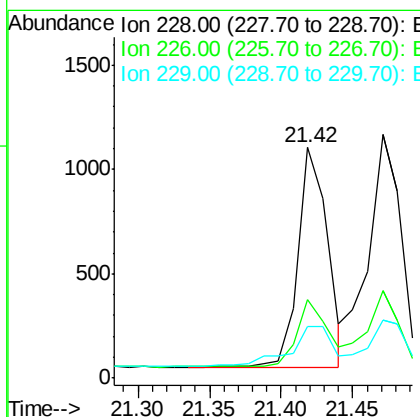
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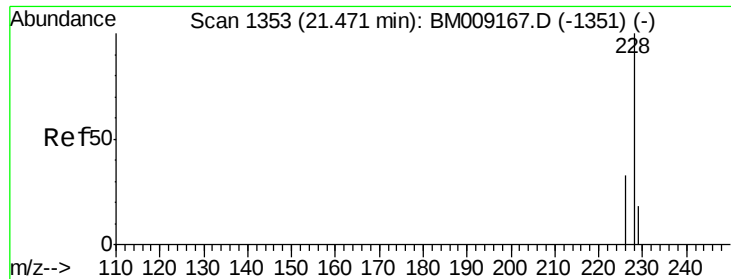
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#18
Benzo(a)anthracene
Concen: 0.44 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM009177.D
Acq: 10 Mar 2017 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1504		
226	34.2	22.8	34.2#	
229	22.6	17.0	25.6	





#19

Chrysene

Concen: 0.56 ng/ul m

RT: 21.47 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BM009177.D

Acq: 10 Mar 2017 15:46

Instrument :

BNA_M

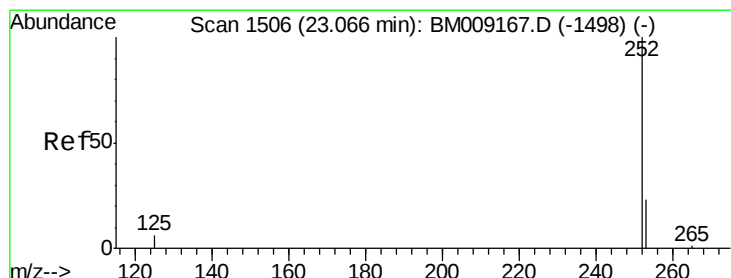
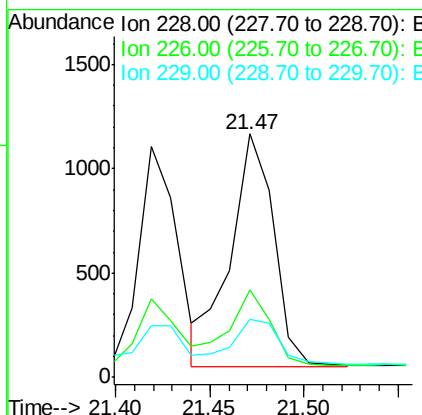
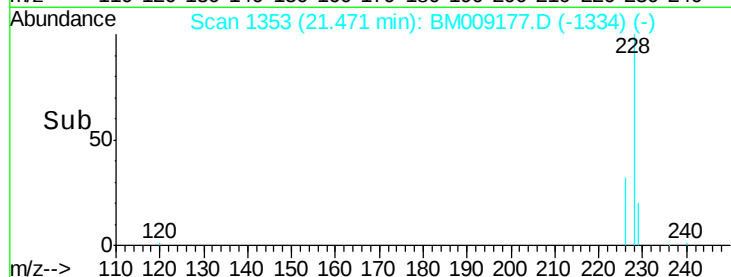
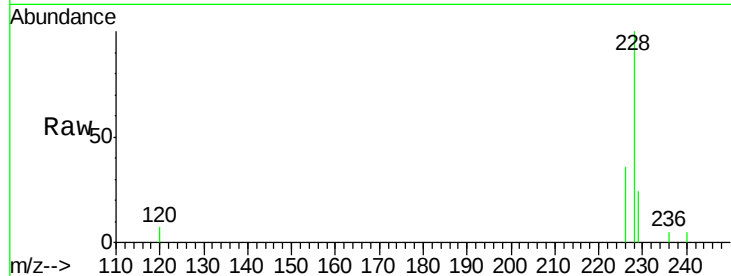
ClientSampleId :

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Tgt Ion:	228	Resp:	1795
Ion Ratio	Lower	Upper	
228	100		
226	35.7	23.4	35.0#
229	23.7	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.73 ng/ul m

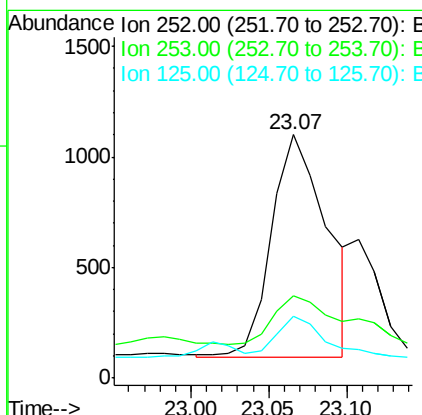
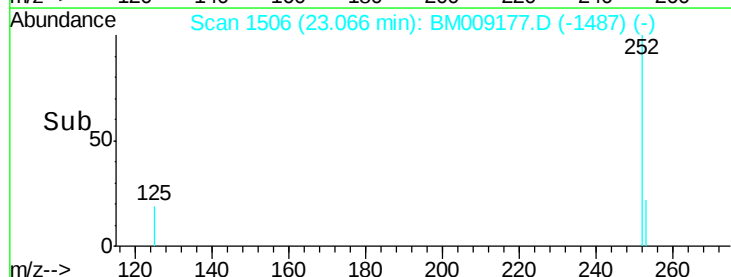
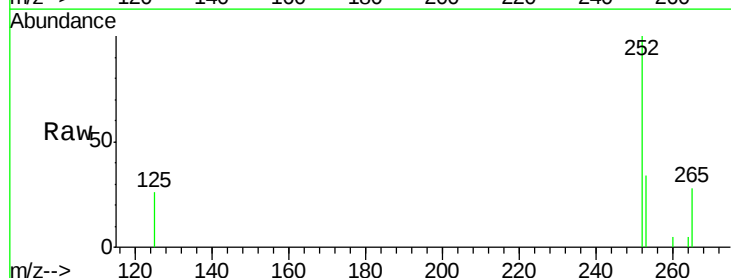
RT: 23.07 min Scan# 1506

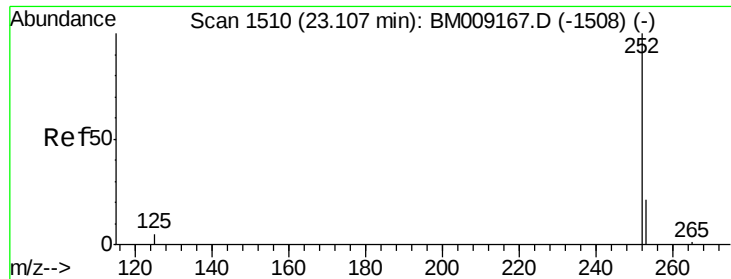
Delta R.T. 0.00 min

Lab File: BM009177.D

Acq: 10 Mar 2017 15:46

Tgt Ion:	252	Resp:	2491
Ion Ratio	Lower	Upper	
252	100		
253	34.0	0.0	64.2
125	25.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.23 ng/ul m

RT: 23.11 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BM009177.D

Acq: 10 Mar 2017 15:46

Instrument :

BNA_M

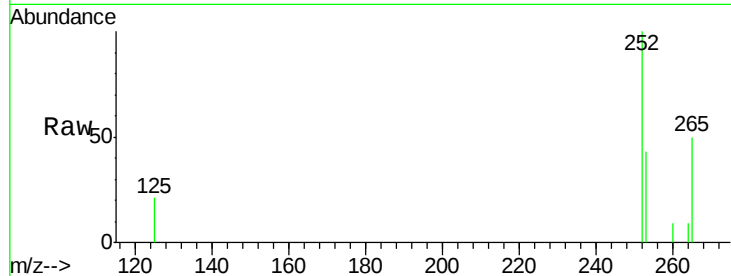
ClientSampleId :

C0AJ7

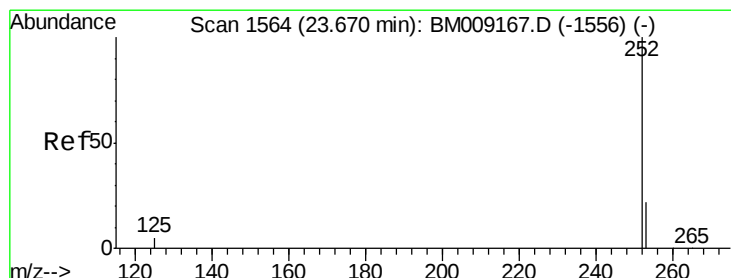
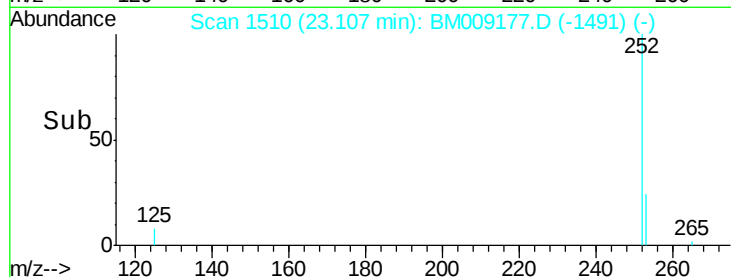
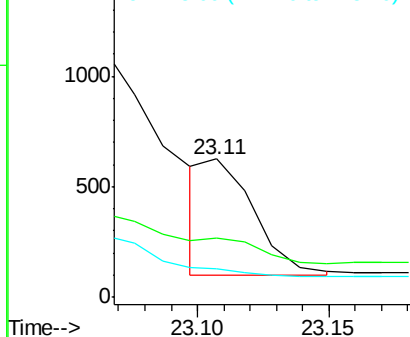
Tgt Ion:	252	Resp:	687
Ion Ratio	Lower	Upper	
252	100		
253	43.0	24.5	36.7#
125	20.6	13.7	20.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.48 ng/ul m

RT: 23.67 min Scan# 1564

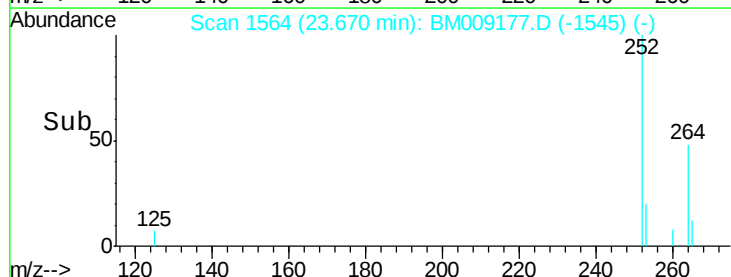
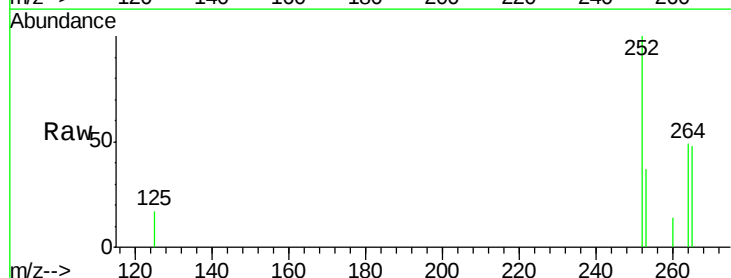
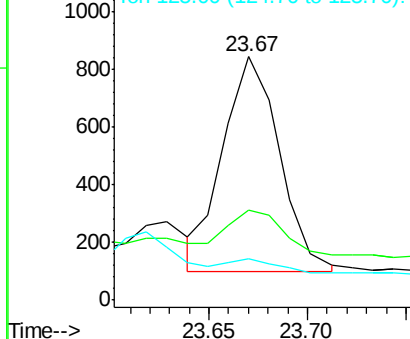
Delta R.T. 0.00 min

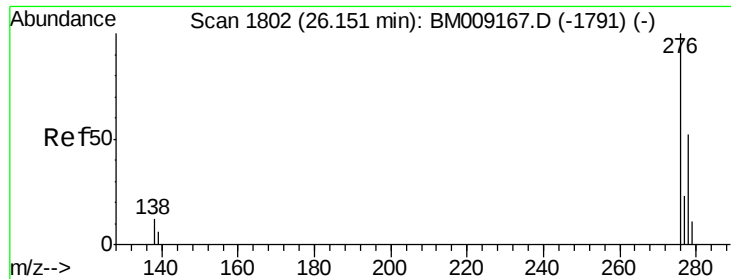
Lab File: BM009177.D

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Tgt Ion:	252	Resp:	1492
Ion Ratio	Lower	Upper	
252	100		
253	37.2	28.5	42.7
125	16.9	18.1	27.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





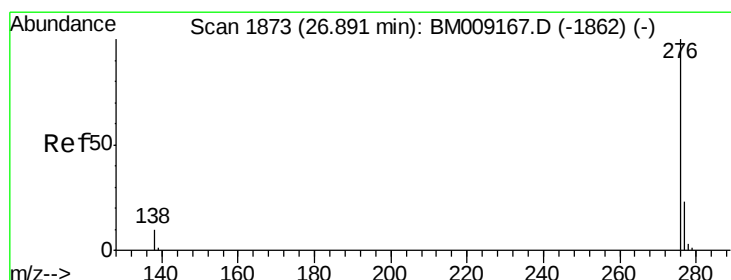
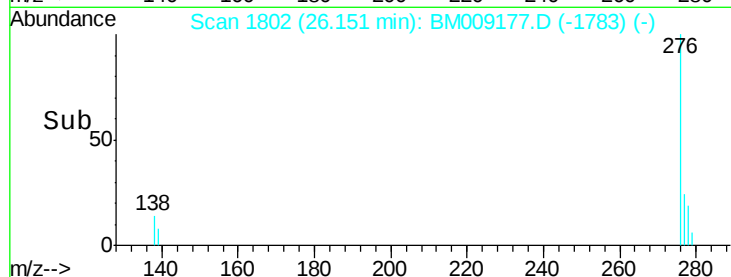
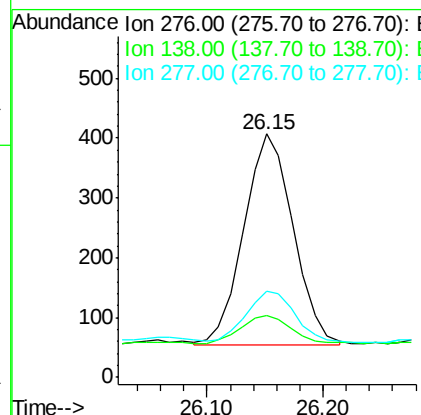
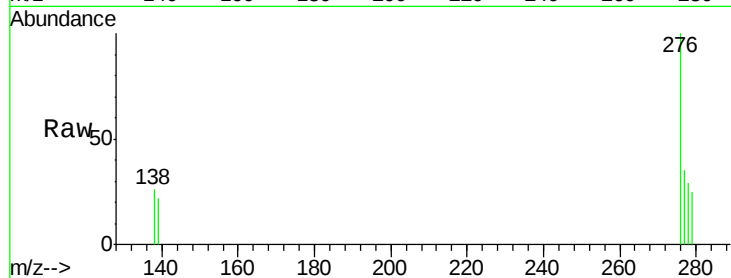
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.27 ng/ul m
 RT: 26.15 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BM009177.D
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Instrument :
 BNA_M
 ClientSampled :
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Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.29 ng/ul m
 RT: 26.89 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BM009177.D
 Acq: 10 Mar 2017 15:46

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	37.0	21.8	32.8#
138	25.7	20.5	30.7

