

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
 Data File : BM009182.D
 Acq On : 10 Mar 2017 19:22
 Operator : SJ/MA
 Sample : I2107-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ3

Manual Integrations
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 3/13/2017 2:13:58 PM

Quant Time: Mar 11 02:13:32 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 00:54:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	220	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	681	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	411	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	952m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1199m	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	997m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	252	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	832m	0.28	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	3969	2.02	ng/ul	98
5) 2-Methylnaphthalene	12.34	142	1557	1.10	ng/ul	98
7) Acenaphthylene	14.23	152	854	0.40	ng/ul#	80
8) Acenaphthene	14.57	153	522	0.32	ng/ul	91
9) Fluorene	15.56	166	496m	0.26	ng/ul	
12) Phenanthrene	17.30	178	15119	5.06	ng/ul	97
13) Anthracene	17.40	178	3928m	1.33	ng/ul	
15) Fluoranthene	19.33	202	36433	9.34	ng/ul	94
17) Pyrene	19.69	202	31762m	7.70	ng/ul	
18) Benzo(a)anthracene	21.42	228	19012m	4.77	ng/ul	
19) Chrysene	21.47	228	21007m	5.56	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	32801m	8.37	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	10294m	2.97	ng/ul	
23) Benzo(a)pyrene	23.67	252	20871m	5.92	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.16	276	16630m	3.71	ng/ul	
25) Dibenzo(a,h)anthracene	26.17	278	4134m	1.10	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	15295m	4.00	ng/ul	

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

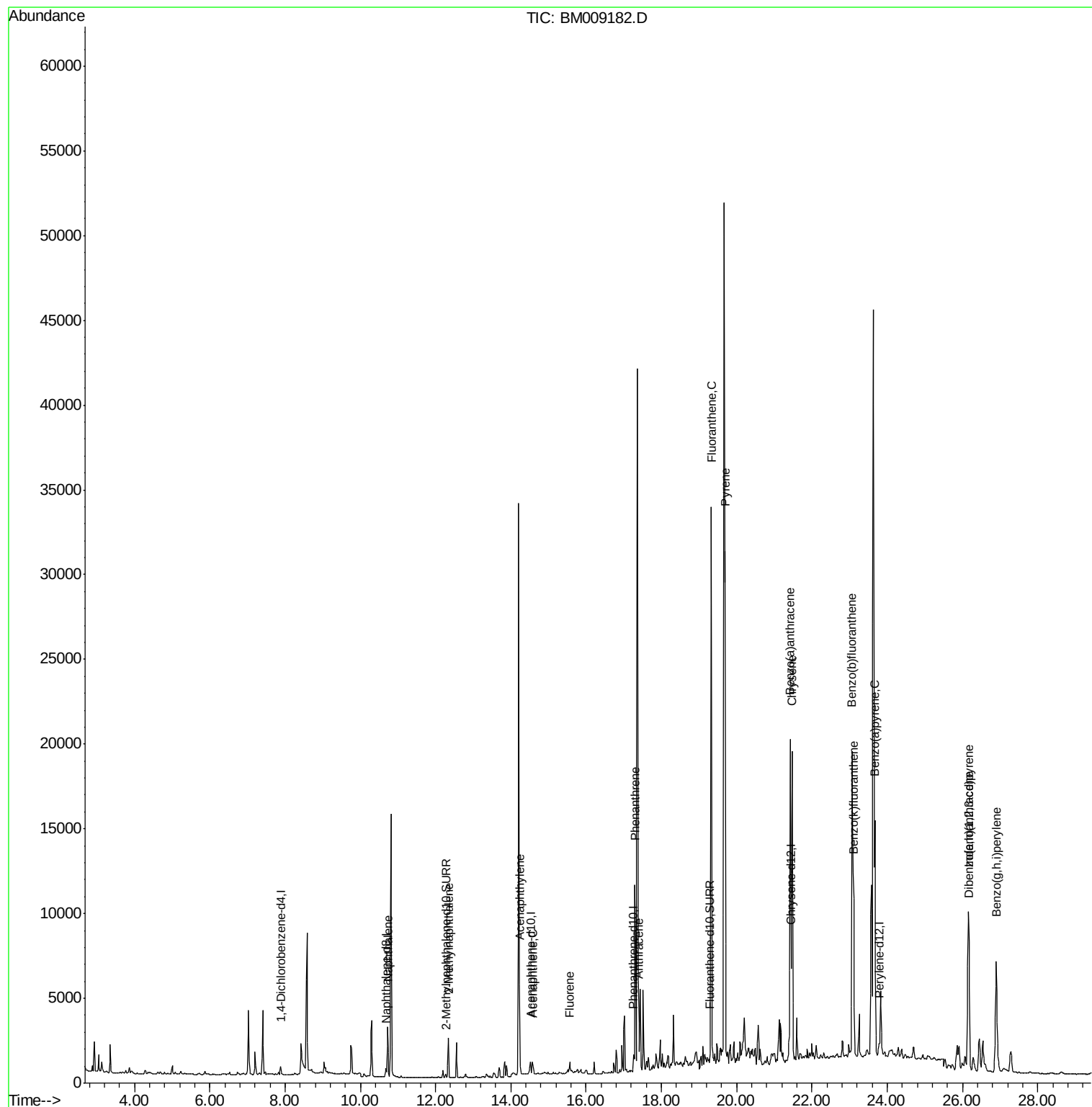
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
Data File : BM009182.D
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Sample : I2107-04
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ALS Vial : 16 Sample Multiplier: 1

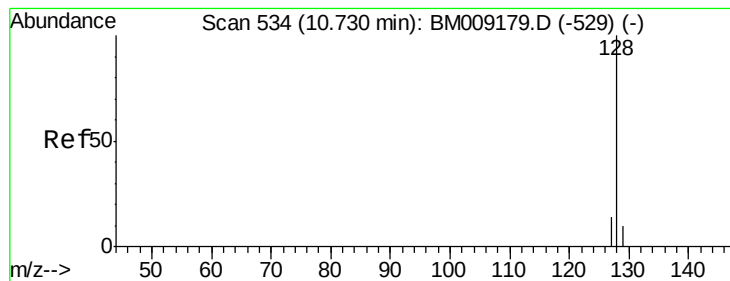
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
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QLast Update : Sat Mar 11 00:54:34 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.02 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009182.D

Acq: 10 Mar 2017 19:22

Instrument :

BNA_M

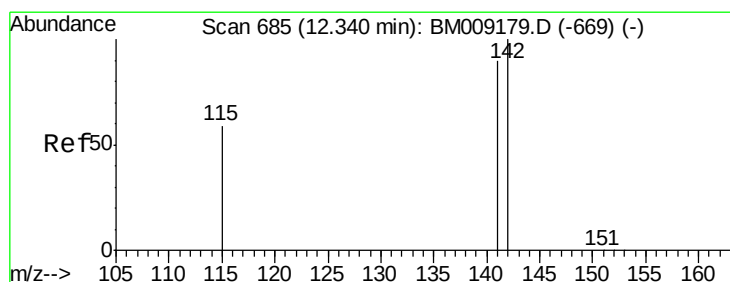
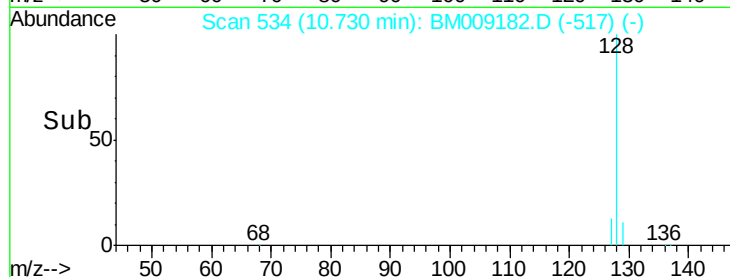
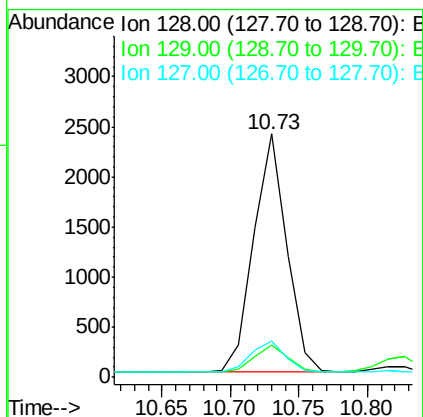
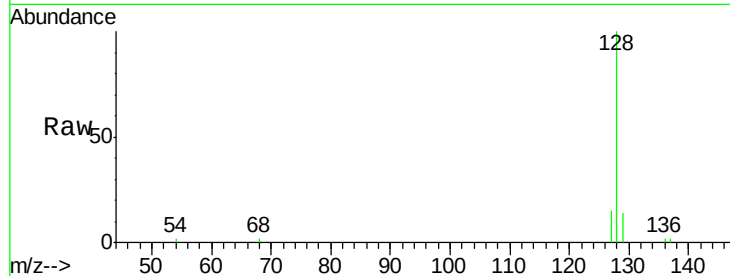
ClientSampleId :

C0AJ3

Tgt Ion:	128	Resp:	3969
Ion	Ratio	Lower	Upper
128	100		
129	13.5	11.3	16.9
127	14.9	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 1.10 ng/ul

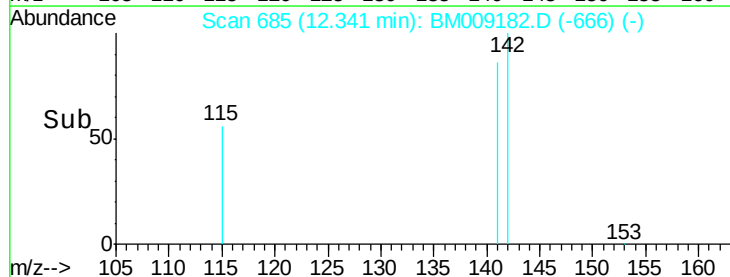
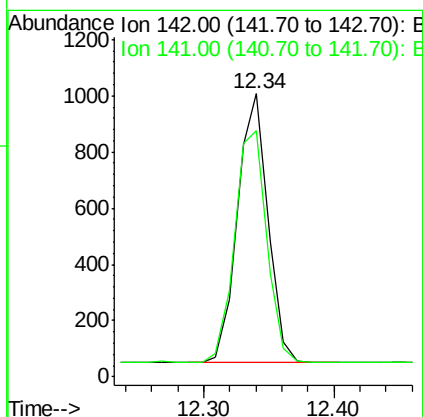
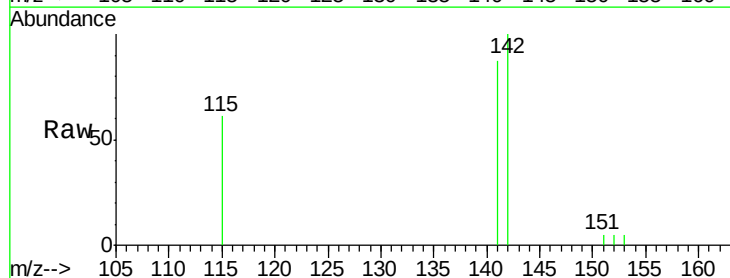
RT: 12.34 min Scan# 685

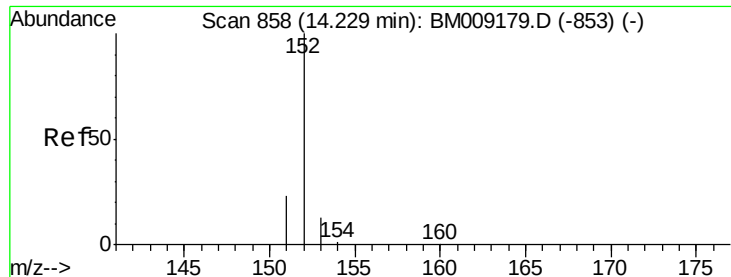
Delta R.T. 0.00 min

Lab File: BM009182.D

Acq: 10 Mar 2017 19:22

Tgt Ion:	142	Resp:	1557
Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM009182.D

Acq: 10 Mar 2017 19:22

Instrument :

BNA_M

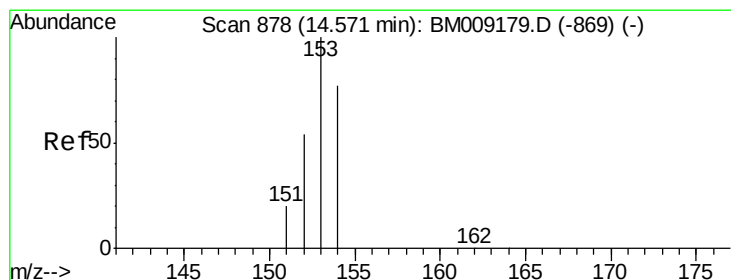
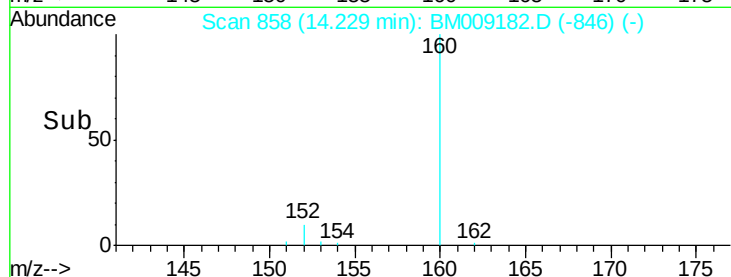
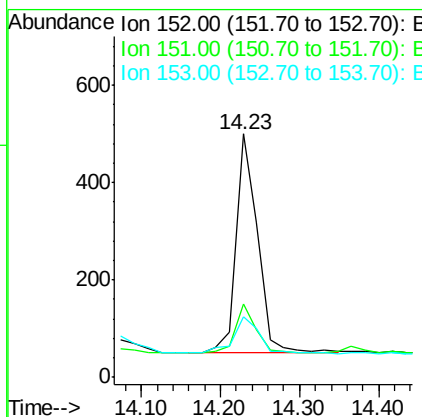
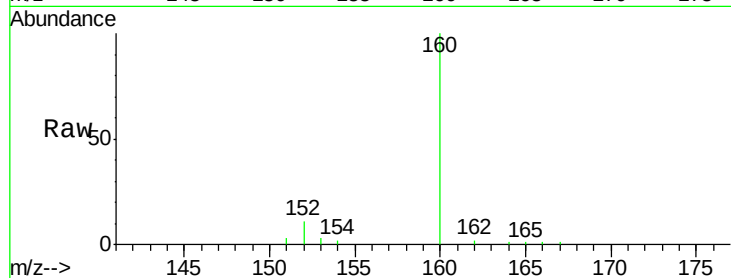
ClientSampleId :

C0AJ3

Tgt Ion:	152	Resp:	854
Ion Ratio	Lower	Upper	
152	100		
151	30.0	17.1	25.7#
153	25.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.32 ng/ul

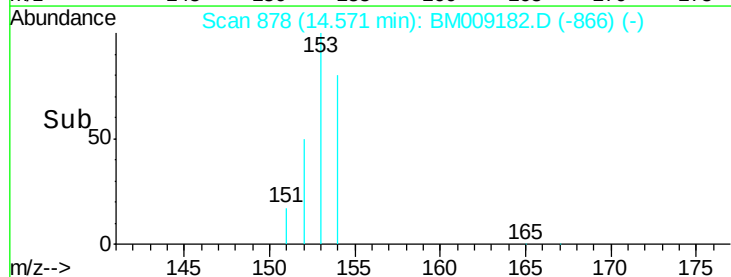
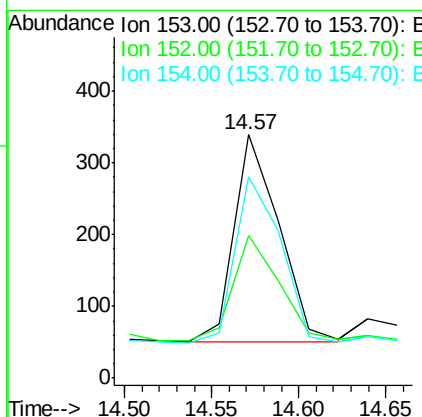
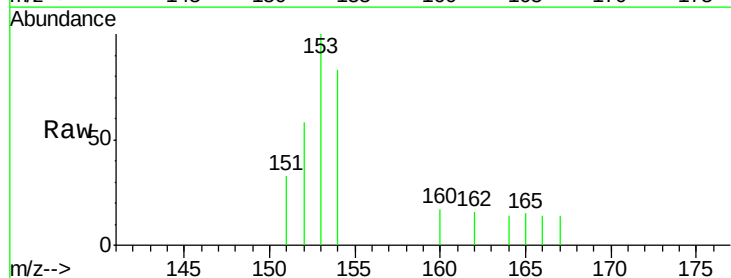
RT: 14.57 min Scan# 878

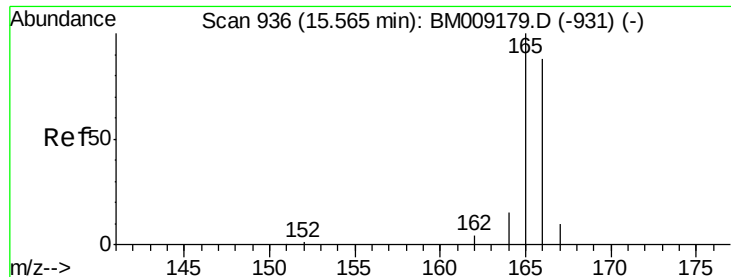
Delta R.T. 0.00 min

Lab File: BM009182.D

Acq: 10 Mar 2017 19:22

Tgt Ion:	153	Resp:	522
Ion Ratio	Lower	Upper	
153	100		
152	58.4	40.3	60.5
154	82.6	71.4	107.2





#9

Fluorene

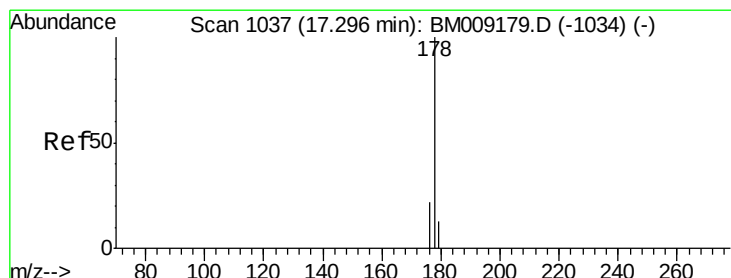
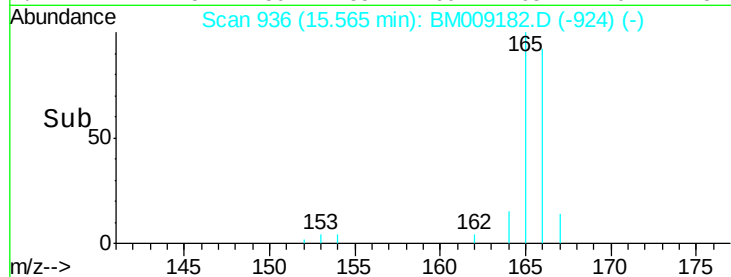
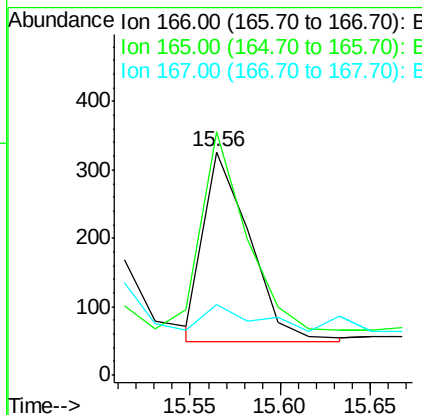
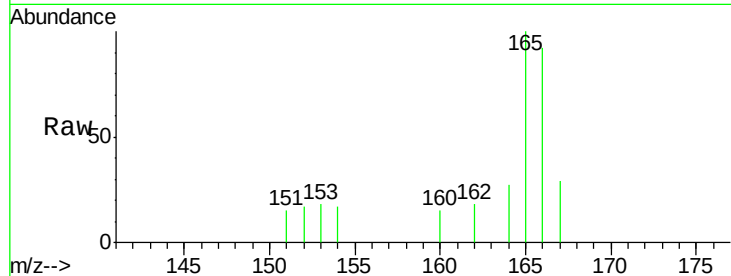
Concen: 0.26 ng/ul m
RT: 15.56 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM009182.D
Acq: 10 Mar 2017 19:22

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	109.2	73.4	110.2
167	31.9	14.6	22.0

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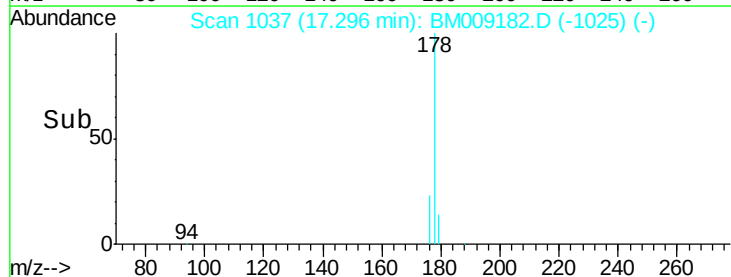
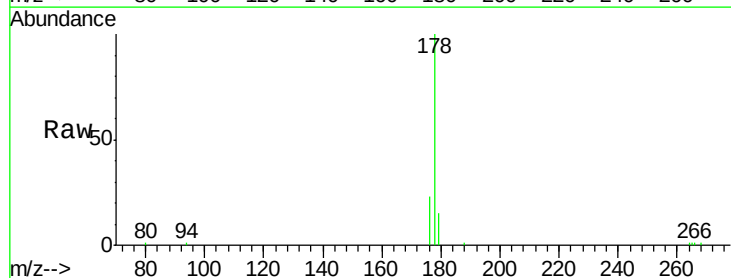
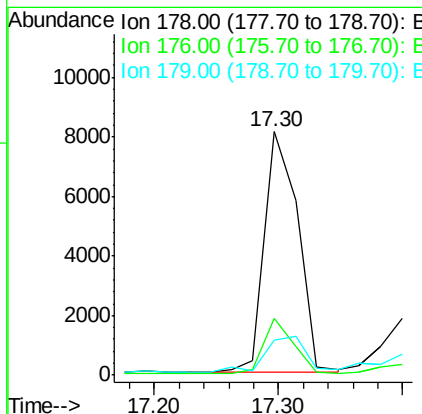


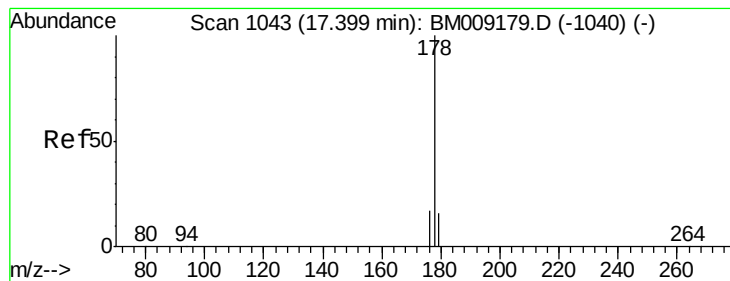
#12

Phenanthrene

Concen: 5.06 ng/ul
RT: 17.30 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BM009182.D
Acq: 10 Mar 2017 19:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.3	18.4	27.6
179	14.6	13.6	20.4





#13

Anthracene

Concen: 1.33 ng/ul m

RT: 17.40 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BM009182.D

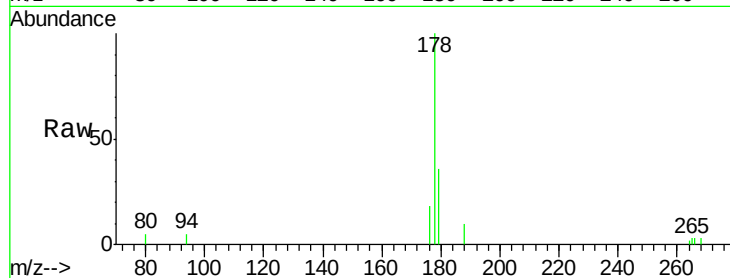
Acq: 10 Mar 2017 19:22

Instrument :

BNA_M

ClientSampleId :

C0AJ3



Tgt Ion:178 Resp: 3928

Ion Ratio Lower Upper

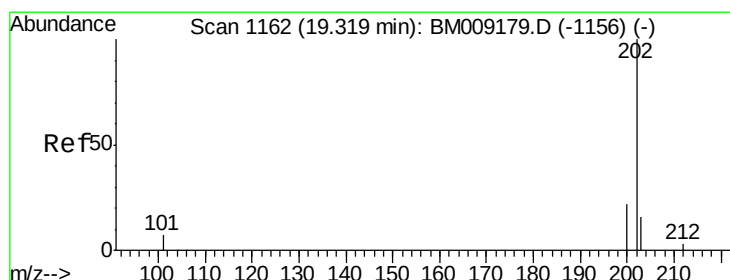
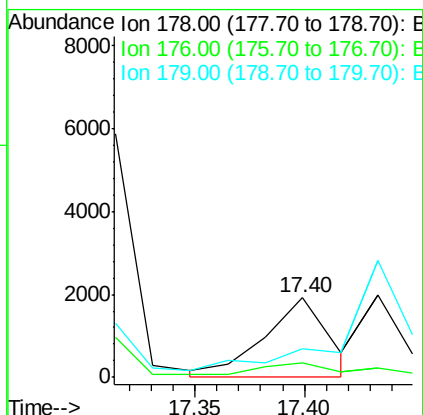
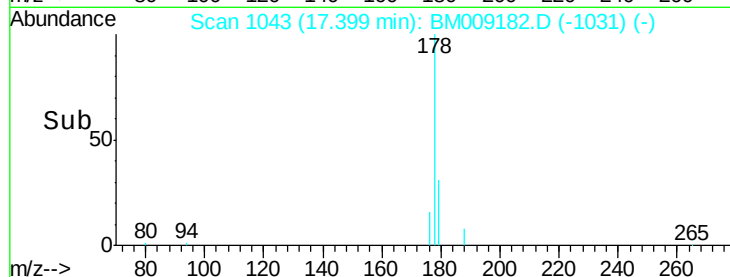
178 100

176 18.3 18.1 27.1

179 36.1 14.7 22.1#

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#15

Fluoranthene

Concen: 9.34 ng/ul

RT: 19.33 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BM009182.D

Acq: 10 Mar 2017 19:22

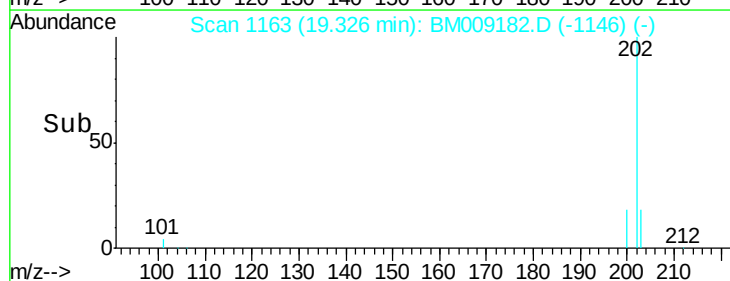
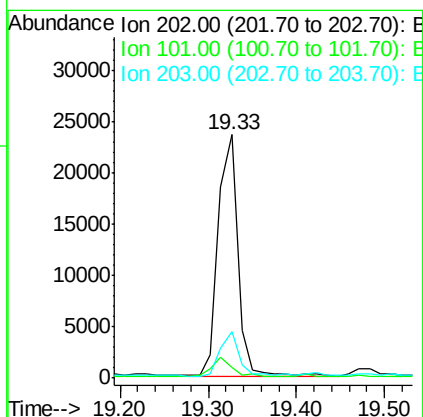
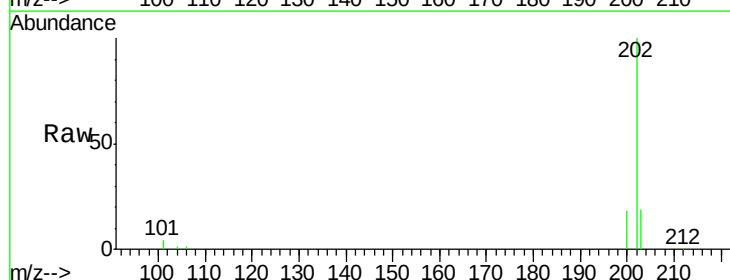
Tgt Ion:202 Resp: 36433

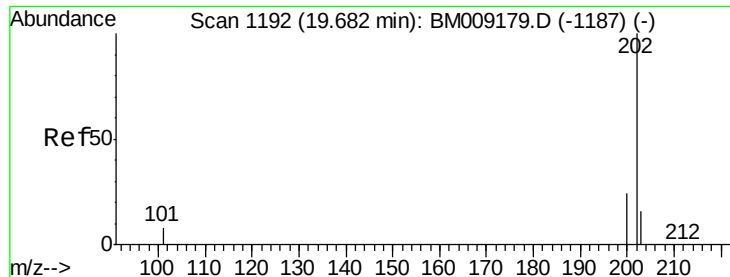
Ion Ratio Lower Upper

202 100

101 4.2 0.0 30.3

203 19.2 0.0 39.5





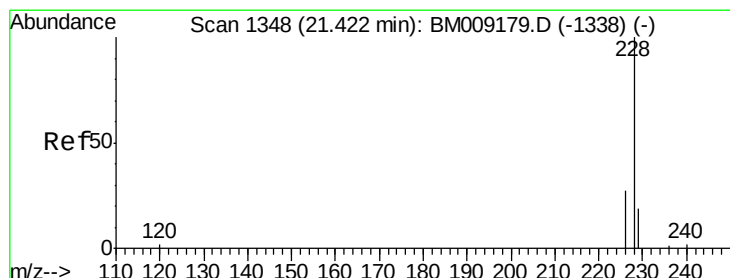
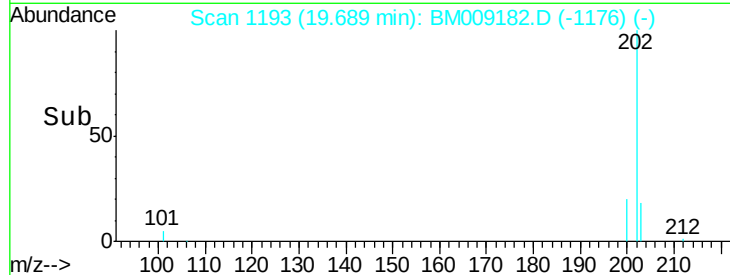
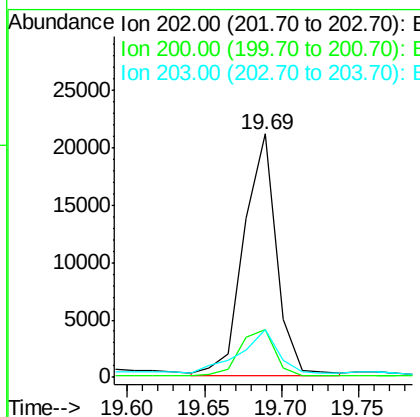
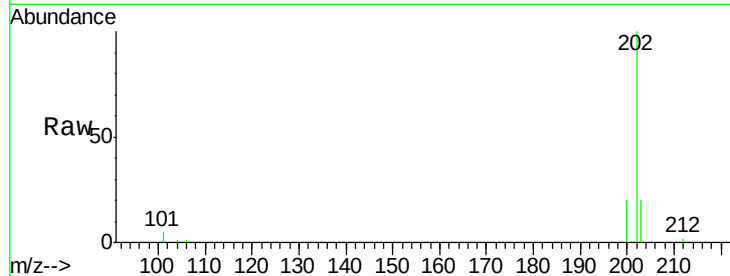
#17
 Pyrene
 Concen: 7.70 ng/ul m
 RT: 19.69 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BM009182.D
 Acq: 10 Mar 2017 19:22

Instrument :
 BNA_M
 ClientSampled :
 C0AJ3

Tgt Ion:	202	Resp:	31762
Ion Ratio	Lower	Upper	
202	100		
200	19.7	18.2	27.4
203	19.5	15.6	23.4

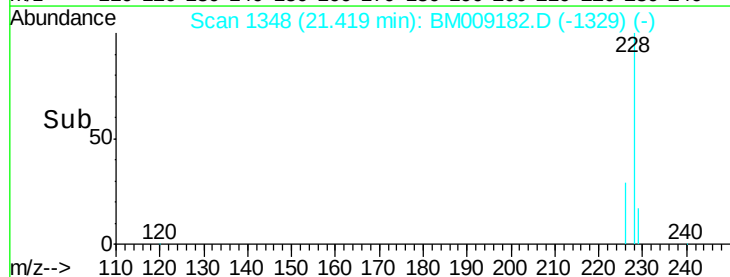
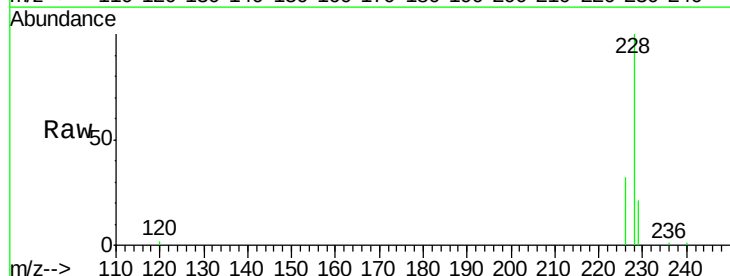
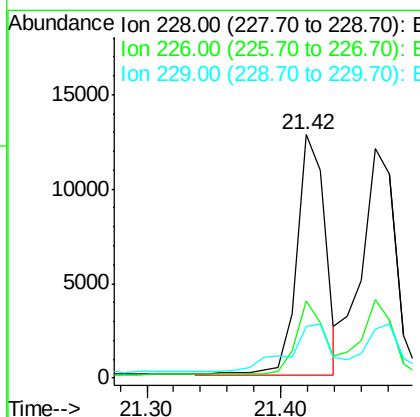
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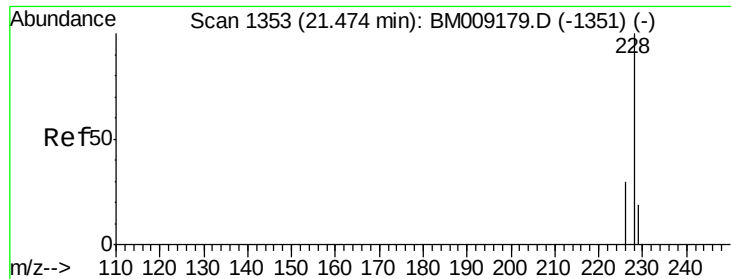
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#18
 Benzo(a)anthracene
 Concen: 4.77 ng/ul m
 RT: 21.42 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BM009182.D
 Acq: 10 Mar 2017 19:22

Tgt Ion:	228	Resp:	19012
Ion Ratio	Lower	Upper	
228	100		
226	31.7	22.8	34.2
229	21.0	17.0	25.6





#19

Chrysene

Concen: 5.56 ng/ul m

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009182.D

Acq: 10 Mar 2017 19:22

Instrument :

BNA_M

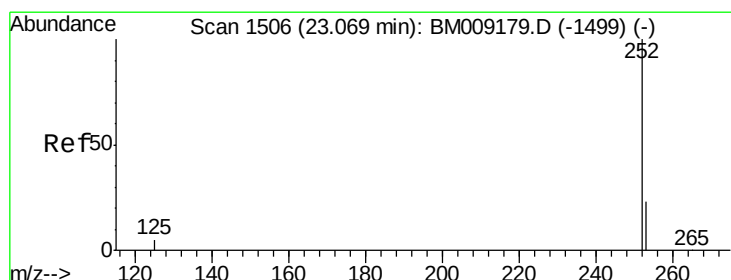
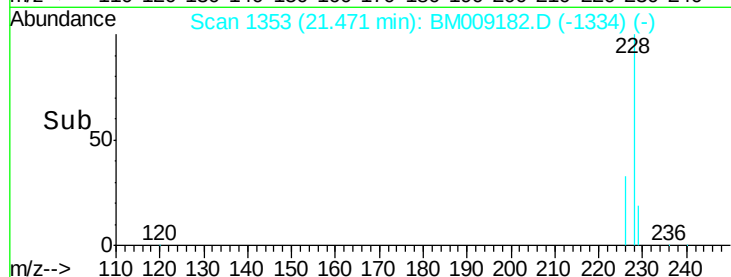
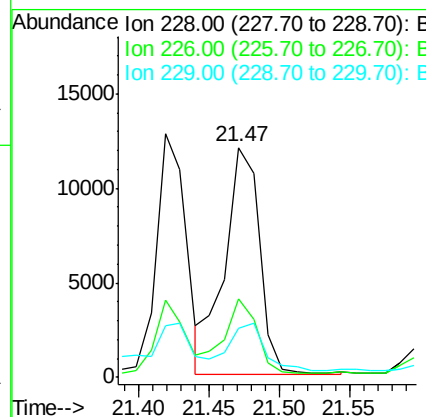
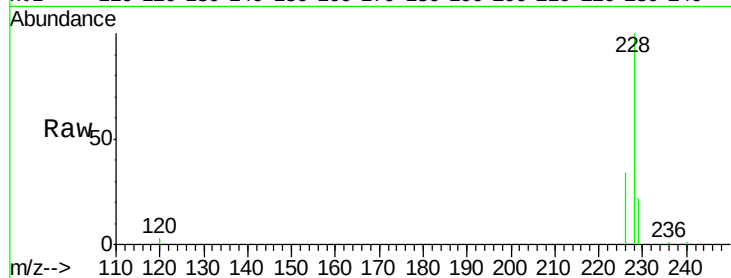
ClientSampleId :

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Tgt Ion:	228	Resp:	21007
Ion Ratio	Lower	Upper	
228	100		
226	34.1	23.4	35.0
229	21.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 8.37 ng/ul m

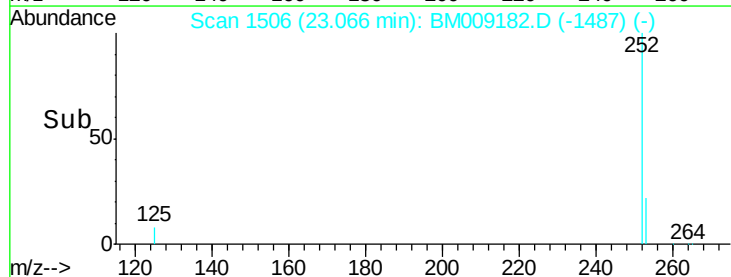
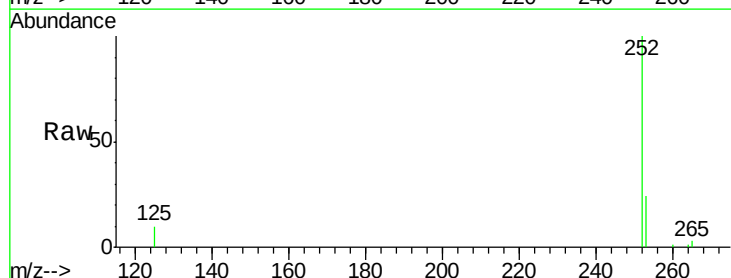
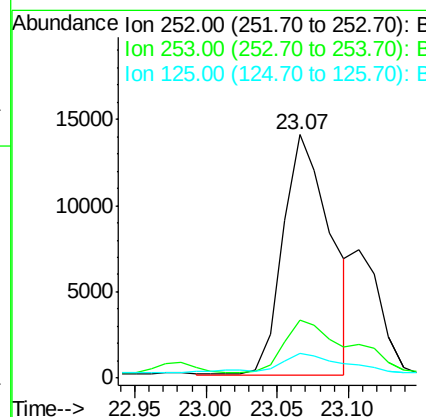
RT: 23.07 min Scan# 1506

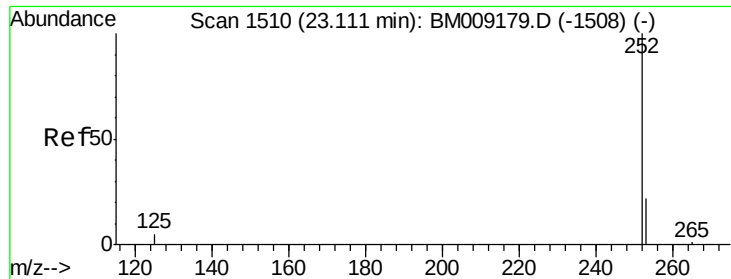
Delta R.T. -0.00 min

Lab File: BM009182.D

Acq: 10 Mar 2017 19:22

Tgt Ion:	252	Resp:	32801
Ion Ratio	Lower	Upper	
252	100		
253	23.8	0.0	64.2
125	9.9	0.0	35.0





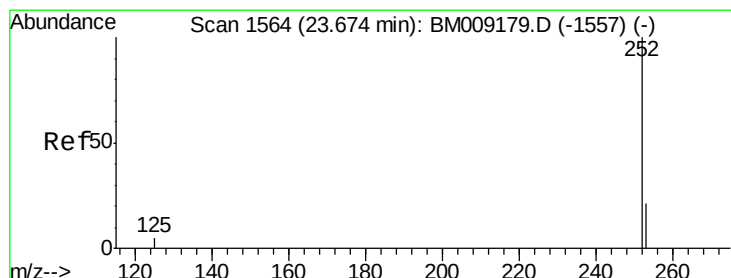
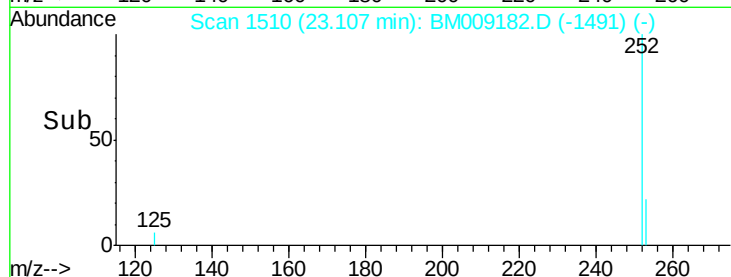
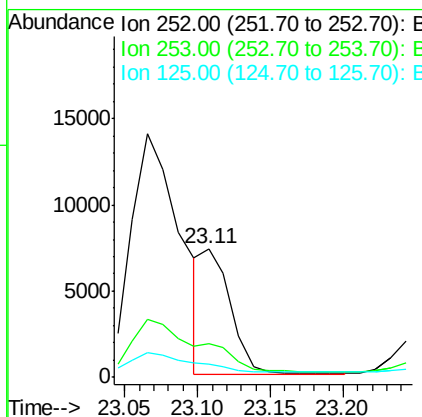
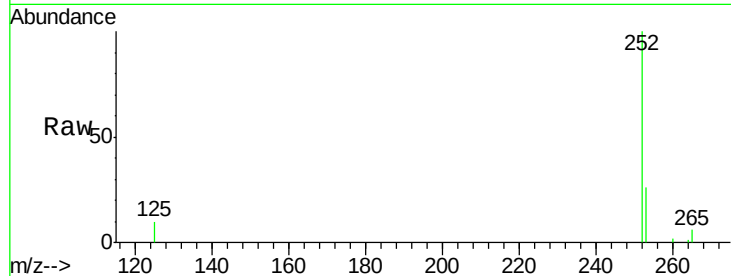
#22
Benzo(k)fluoranthene
Concen: 2.97 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BM009182.D
Acq: 10 Mar 2017 19:22

Instrument :
BNA_M
ClientSampleId :
C0AJ3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	24.5	36.7
125	10.5	13.7	20.5#

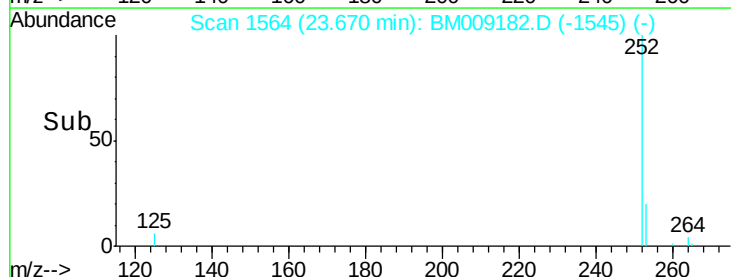
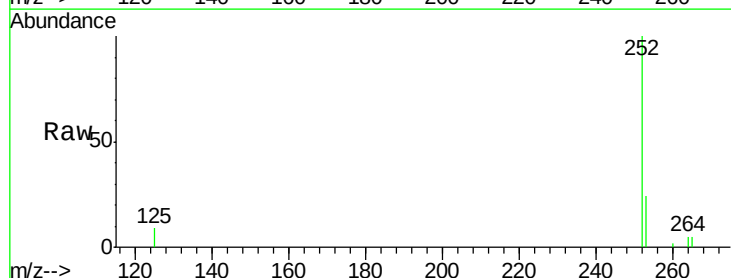
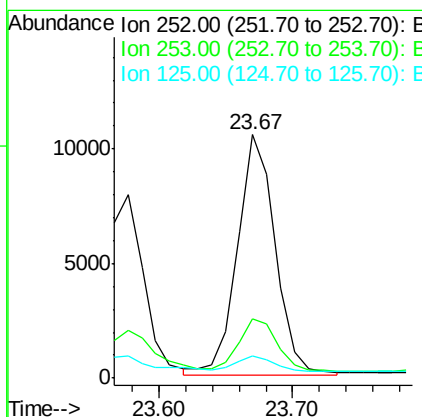
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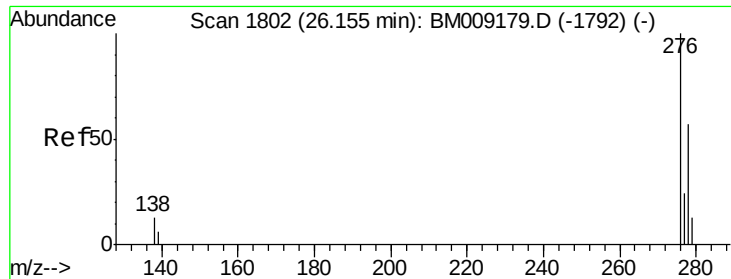
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#23
Benzo(a)pyrene
Concen: 5.92 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM009182.D
Acq: 10 Mar 2017 19:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	28.5	42.7#
125	9.3	18.1	27.1#





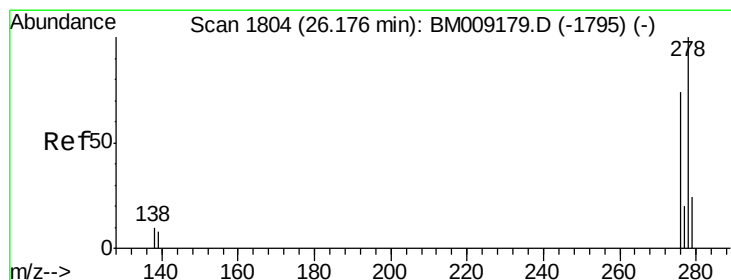
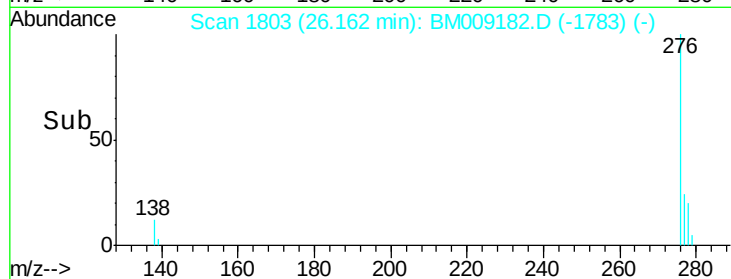
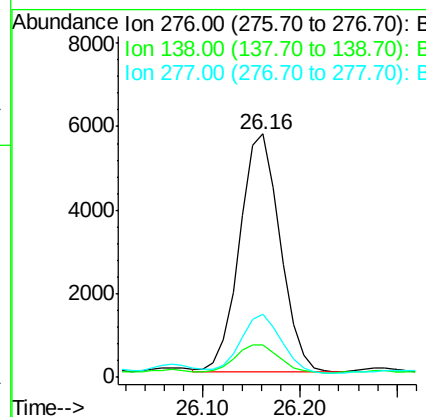
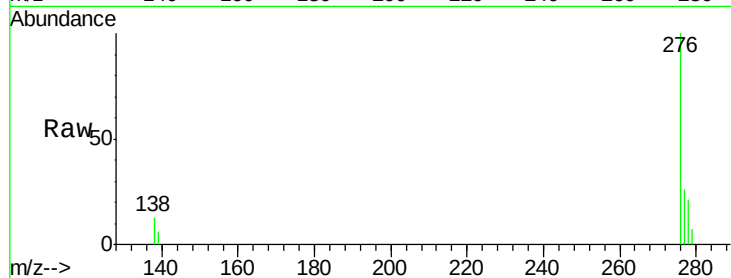
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.71 ng/ul m
 RT: 26.16 min Scan# 1803
 Delta R.T. 0.01 min
 Lab File: BM009182.D
 Acq: 10 Mar 2017 19:22

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ3

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	1.5	19.1	28.7#
277	2.2	19.6	29.4#

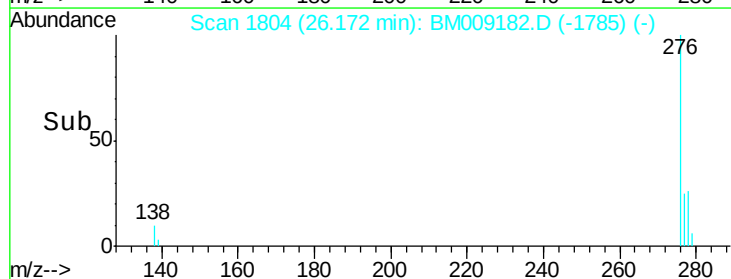
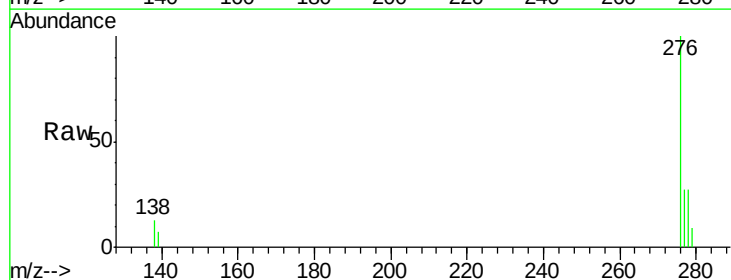
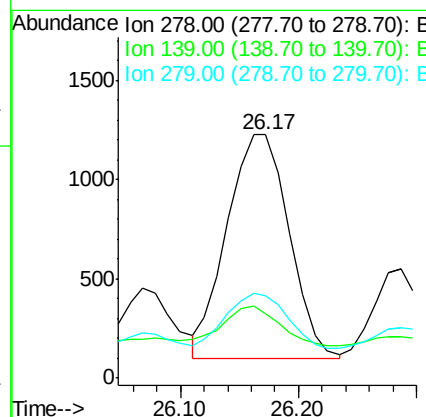
Manual Integrations
 APPROVED

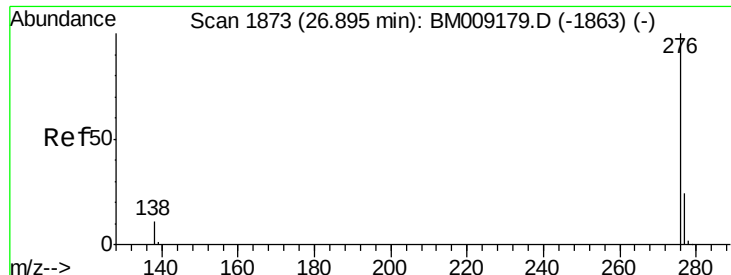
mohammad
 3/13/2017 2:13:58 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.10 ng/ul m
 RT: 26.17 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: BM009182.D
 Acq: 10 Mar 2017 19:22

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	26.7	17.4	26.0#
279	34.0	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 4.00 ng/ul m

RT: 26.89 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BM009182.D

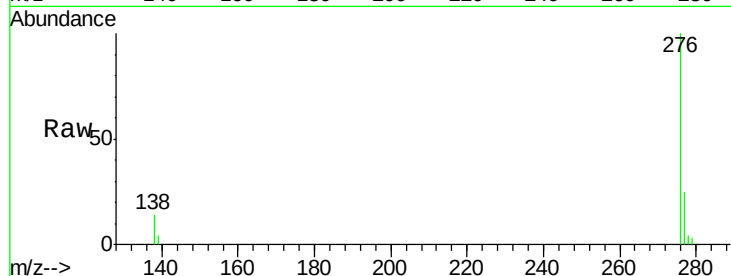
Acq: 10 Mar 2017 19:22

Instrument :

BNA_M

ClientSampleId :

C0AJ3



Tgt Ion:	276	Resp:	15295
Ion Ratio		Lower	Upper
276	100		
277	25.0	21.8	32.8
138	14.1	20.5	30.7#

Manual Integrations
APPROVED

mohammad
3/13/2017 2:13:58 PM

