

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
 Data File : BM009186.D
 Acq On : 10 Mar 2017 21:45
 Operator : SJ/MA
 Sample : I2107-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK0

Manual Integrations
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mohammad
 3/13/2017 2:14:03 PM

Quant Time: Mar 11 02:32:47 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	301	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	981	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	585	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1373m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1286	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1137m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	310	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	770	0.18	ng/ul	0.00
Target Compounds						
						Qvalue
3) Naphthalene	10.73	128	2807	0.99	ng/ul	99
5) 2-Methylnaphthalene	12.34	142	2528	1.24	ng/ul	100
7) Acenaphthylene	14.23	152	850	0.28	ng/ul#	79
8) Acenaphthene	14.57	153	254	0.11	ng/ul#	87
9) Fluorene	15.56	166	357	0.13	ng/ul#	71
12) Phenanthrene	17.30	178	9162	2.13	ng/ul	98
13) Anthracene	17.40	178	1991	0.47	ng/ul#	93
15) Fluoranthene	19.32	202	17801	3.17	ng/ul	93
17) Pyrene	19.68	202	16674	3.77	ng/ul	97
18) Benzo(a)anthracene	21.42	228	9008	2.11	ng/ul	98
19) Chrysene	21.47	228	9066	2.24	ng/ul	98
21) Benzo(b)fluoranthene	23.07	252	13306m	2.98	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	3179m	0.80	ng/ul	
23) Benzo(a)pyrene	23.67	252	7361m	1.83	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	5583m	1.09	ng/ul	
25) Dibenzo(a,h)anthracene	26.17	278	1461m	0.34	ng/ul	
26) Benzo(g,h,i)perylene	26.88	276	4982m	1.14	ng/ul	

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

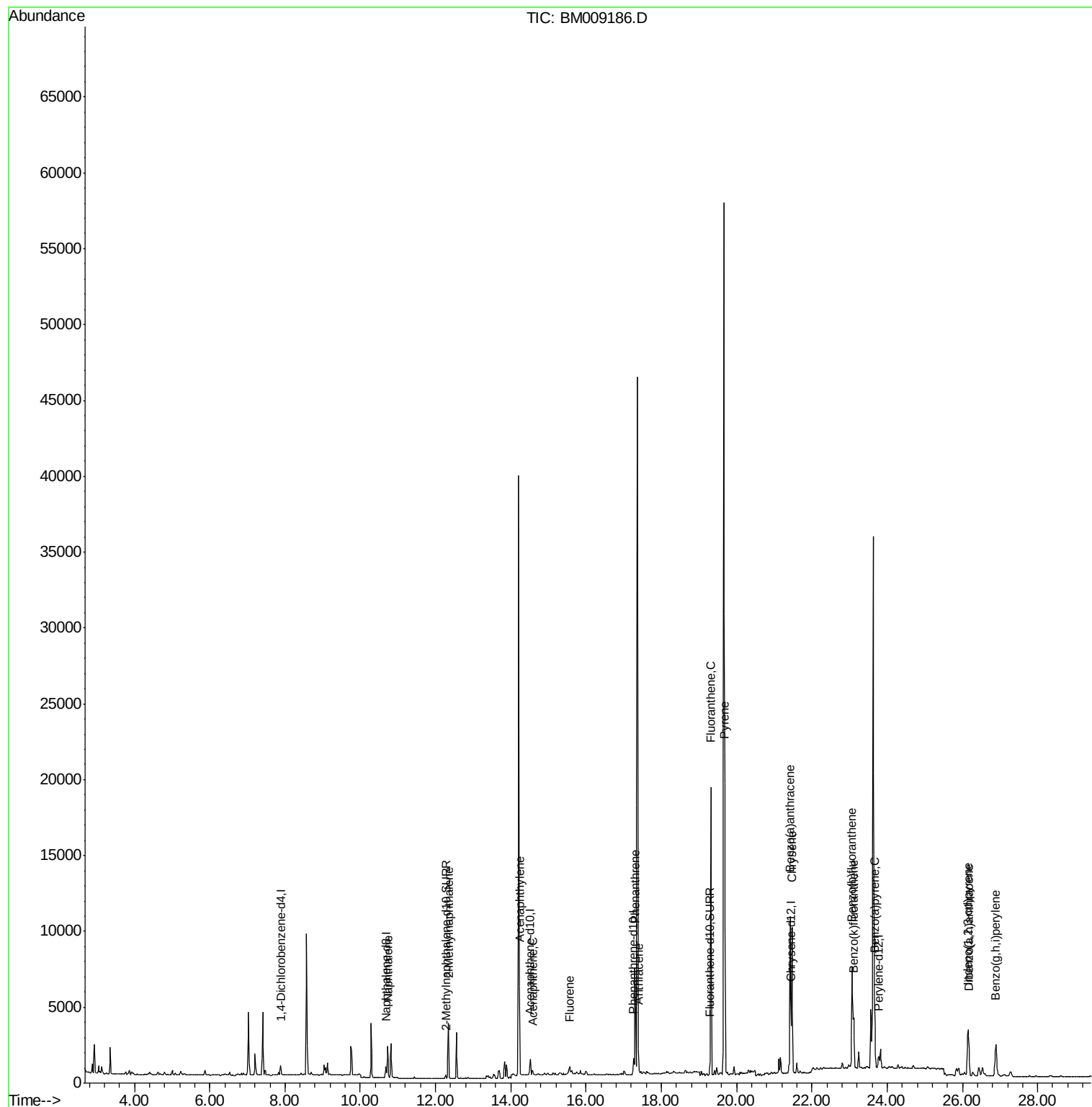
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
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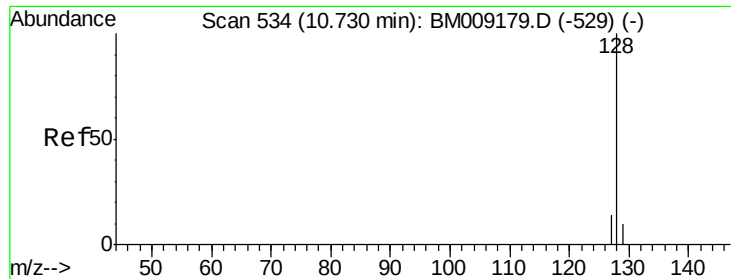
Instrument :
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.99 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009186.D

Acq: 10 Mar 2017 21:45

Instrument :

BNA_M

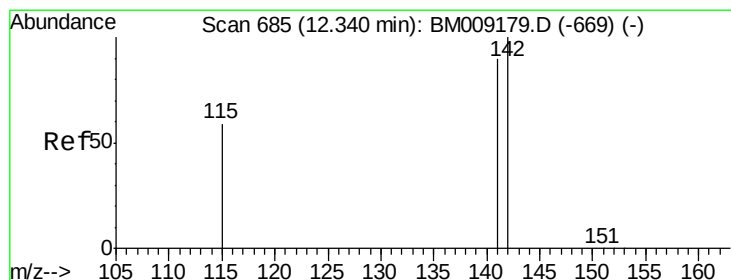
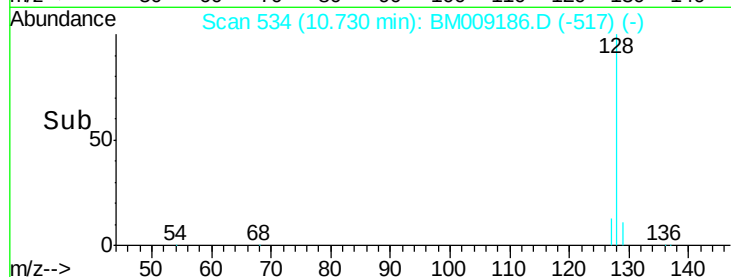
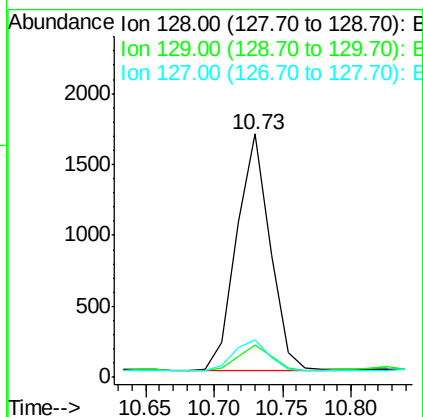
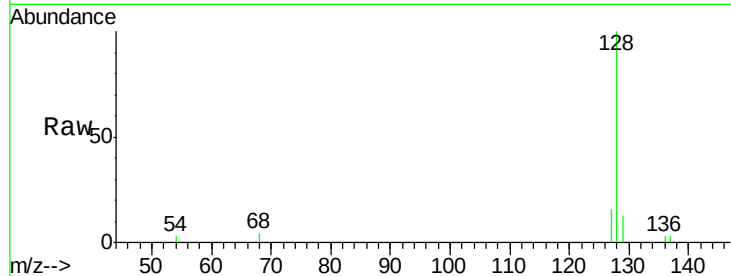
ClientSampleId :

C0AK0

Tgt Ion:	128	Resp:	2807
Ion	Ratio	Lower	Upper
128	100		
129	13.5	11.3	16.9
127	15.6	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 1.24 ng/ul

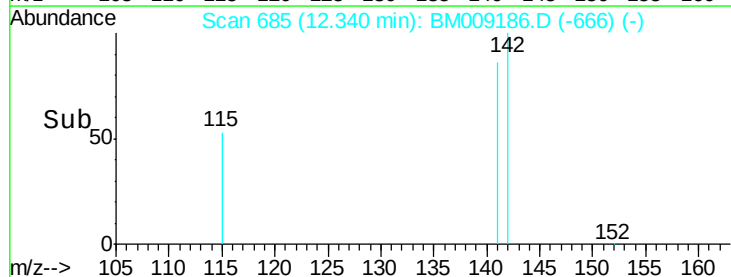
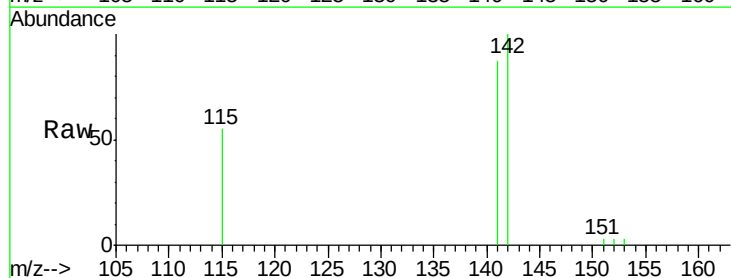
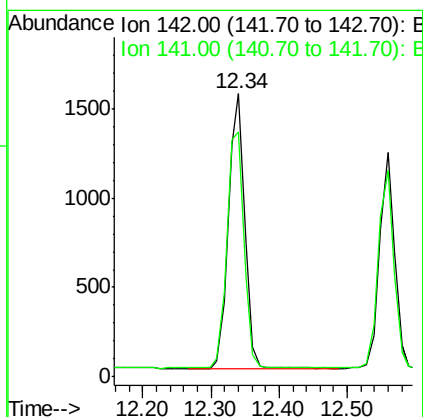
RT: 12.34 min Scan# 685

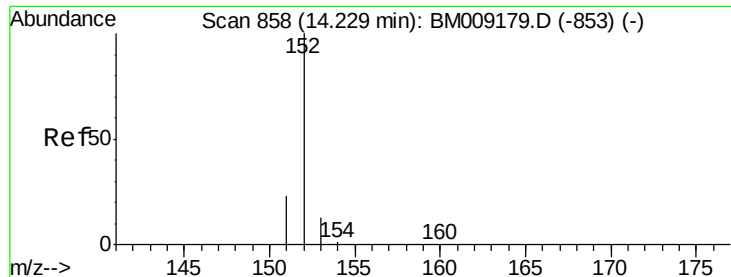
Delta R.T. 0.00 min

Lab File: BM009186.D

Acq: 10 Mar 2017 21:45

Tgt Ion:	142	Resp:	2528
Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.28 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM009186.D

Acq: 10 Mar 2017 21:45

Instrument :

BNA_M

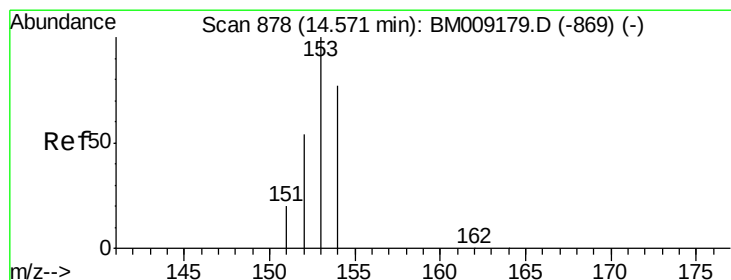
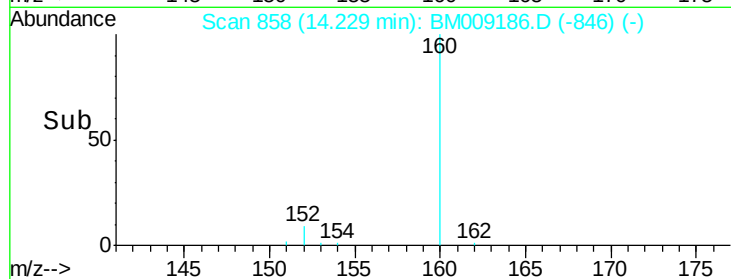
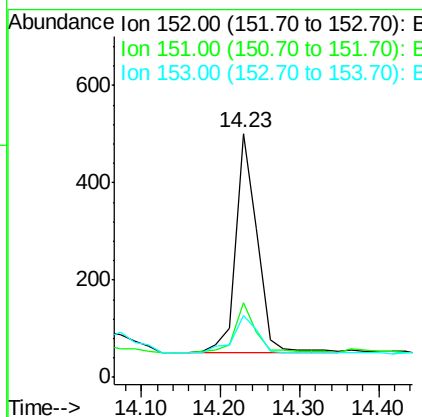
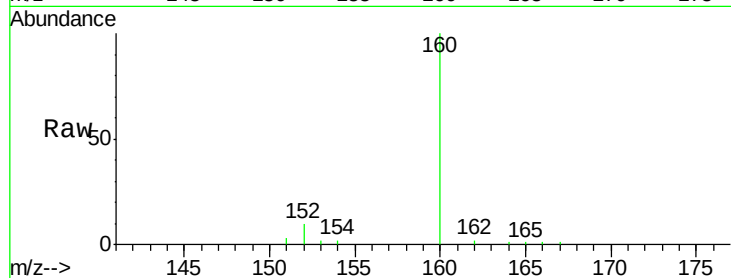
ClientSampleId :

C0AK0

Tgt Ion:	152	Resp:	850
Ion Ratio	Lower	Upper	
152	100		
151	30.7	17.1	25.7#
153	25.3	12.8	19.2#

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#8

Acenaphthene

Concen: 0.11 ng/ul

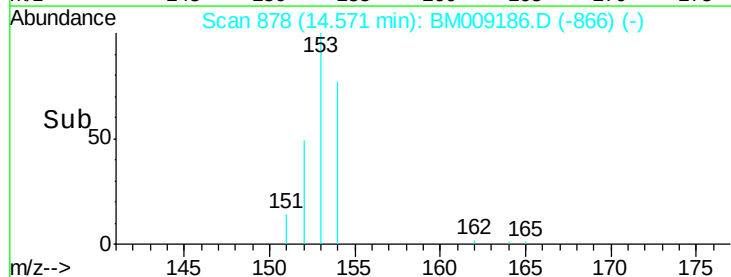
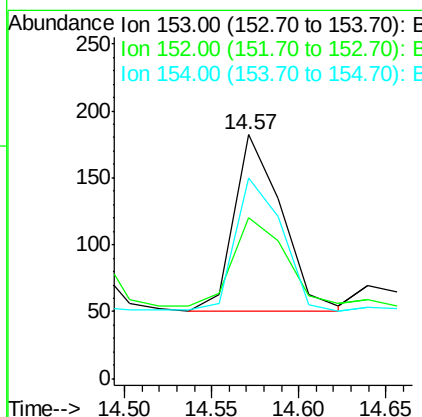
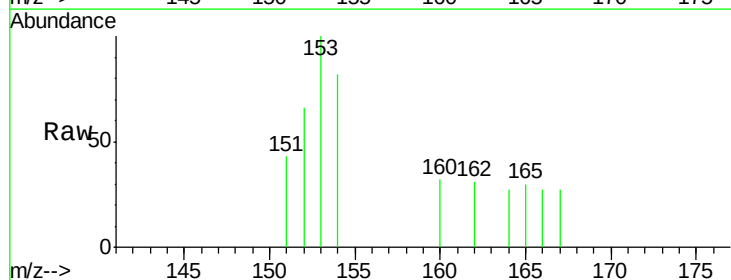
RT: 14.57 min Scan# 878

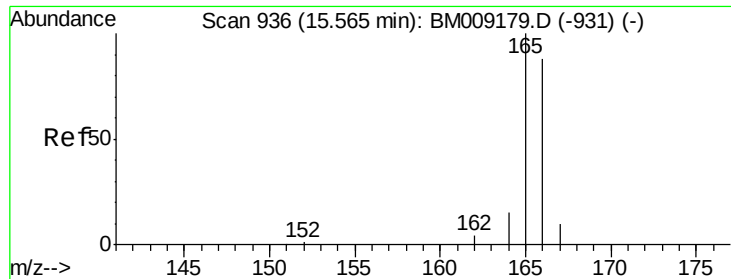
Delta R.T. 0.00 min

Lab File: BM009186.D

Acq: 10 Mar 2017 21:45

Tgt Ion:	153	Resp:	254
Ion Ratio	Lower	Upper	
153	100		
152	65.9	40.3	60.5#
154	82.4	71.4	107.2





#9

Fluorene

Concen: 0.13 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. 0.00 min

Lab File: BM009186.D

Acq: 10 Mar 2017 21:45

Instrument :

BNA_M

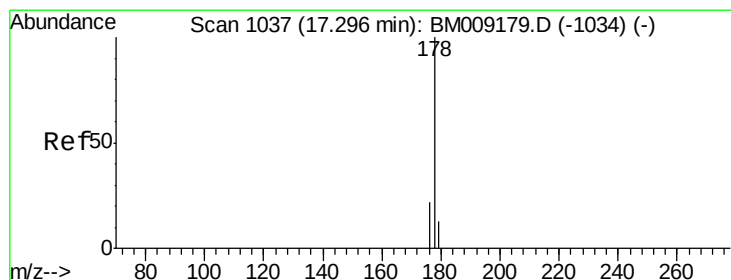
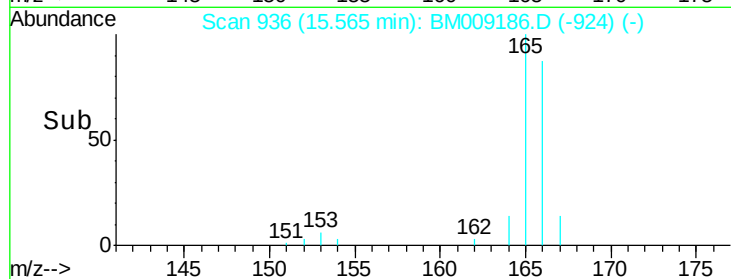
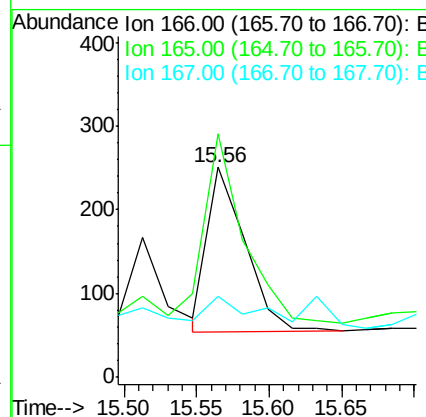
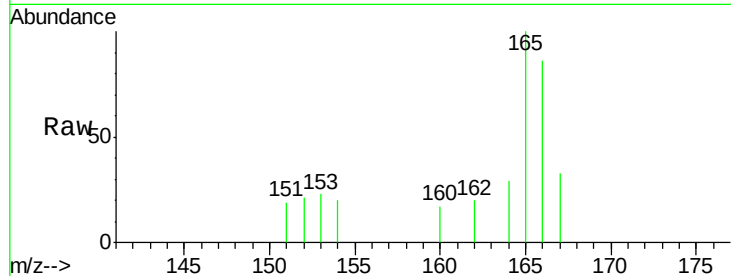
ClientSampleId :

C0AK0

Tgt Ion:	166	Resp:	357
Ion Ratio	Lower	Upper	
166	100		
165	115.9	73.4	110.2#
167	38.6	14.6	22.0#

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#12

Phenanthrene

Concen: 2.13 ng/ul

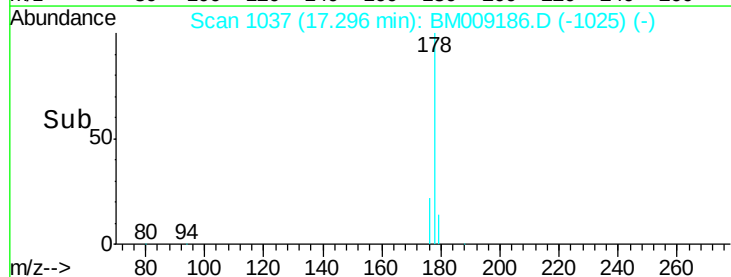
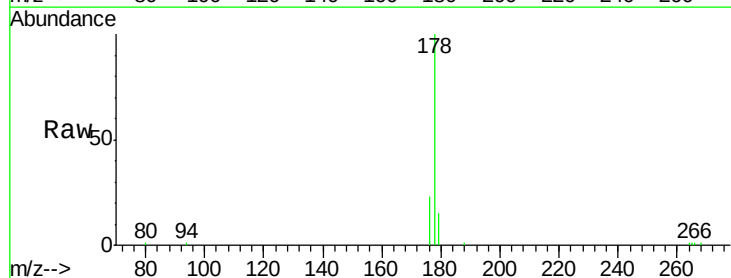
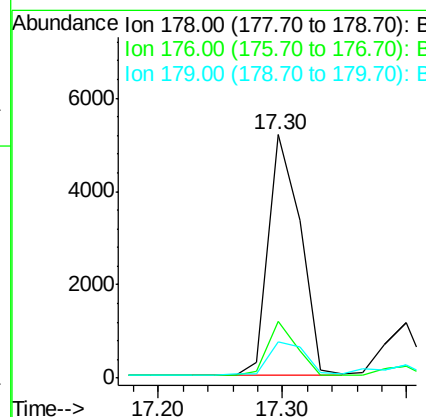
RT: 17.30 min Scan# 1037

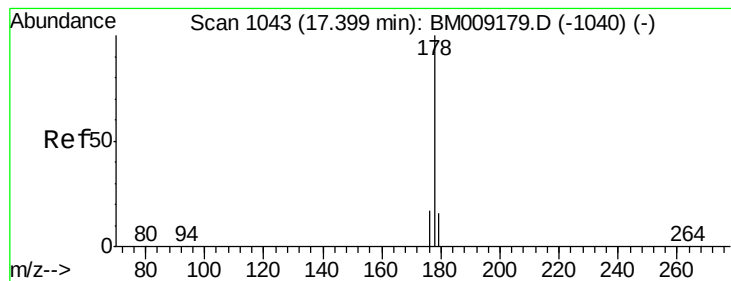
Delta R.T. -0.00 min

Lab File: BM009186.D

Acq: 10 Mar 2017 21:45

Tgt Ion:	178	Resp:	9162
Ion Ratio	Lower	Upper	
178	100		
176	23.1	18.4	27.6
179	14.7	13.6	20.4





#13

Anthracene

Concen: 0.47 ng/ul

RT: 17.40 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BM009186.D

Acq: 10 Mar 2017 21:45

Instrument :

BNA_M

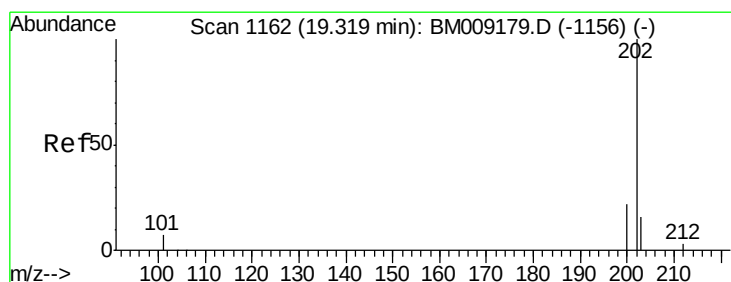
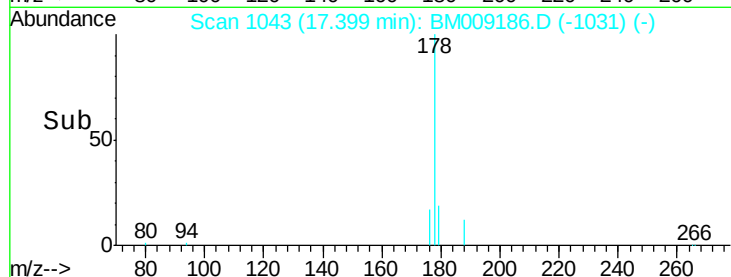
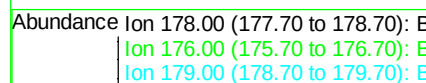
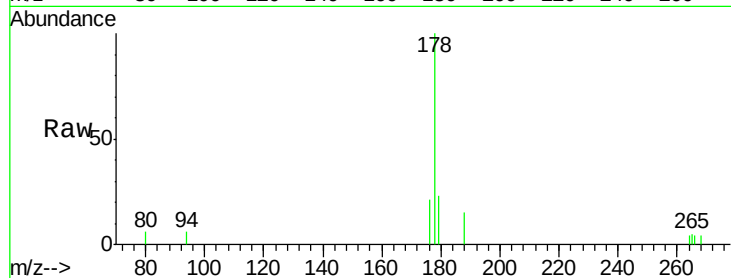
ClientSampleId :

C0AK0

Tgt Ion:	178	Resp:	1991
Ion Ratio	Lower	Upper	
178	100		
176	20.8	18.1	27.1
179	23.2	14.7	22.1#

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#15

Fluoranthene

Concen: 3.17 ng/ul

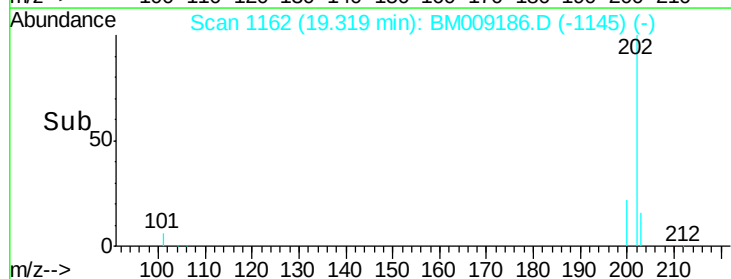
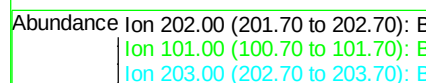
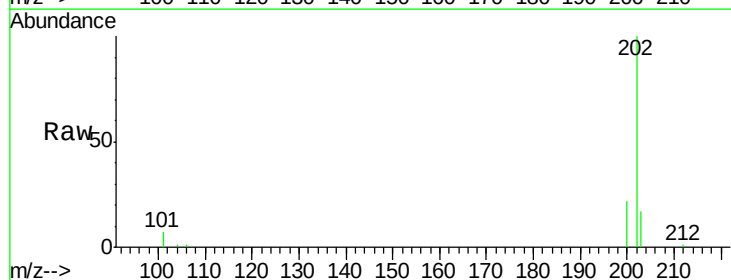
RT: 19.32 min Scan# 1162

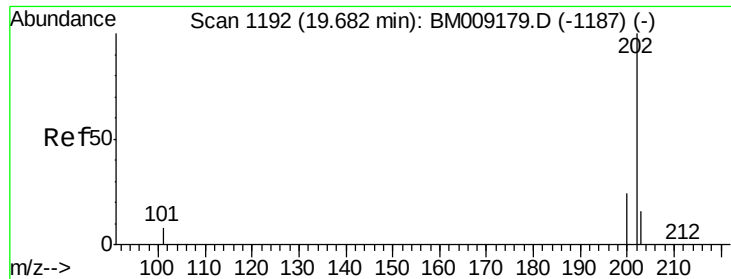
Delta R.T. 0.00 min

Lab File: BM009186.D

Acq: 10 Mar 2017 21:45

Tgt Ion:	202	Resp:	17801
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	30.3
203	17.0	0.0	39.5





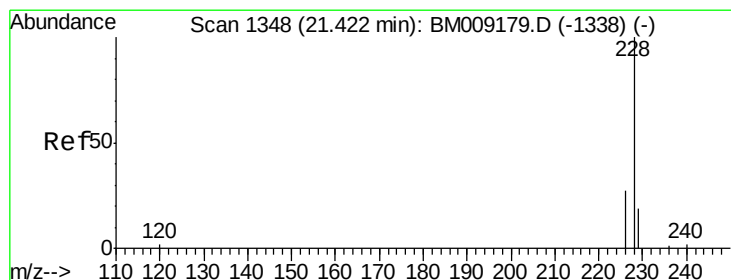
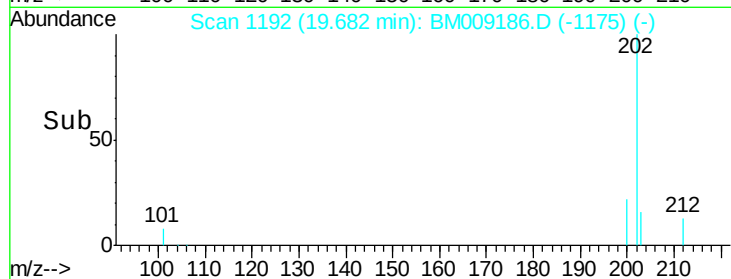
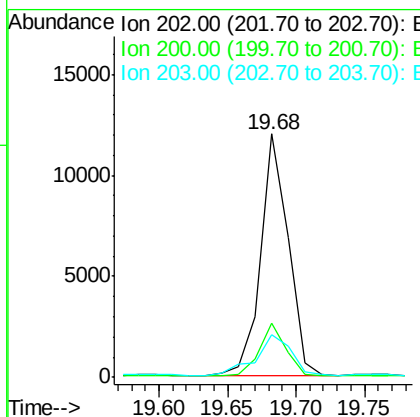
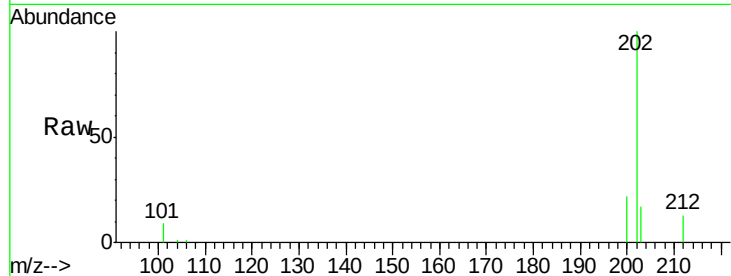
#17
Pyrene
Concen: 3.77 ng/ul
RT: 19.68 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BM009186.D
Acq: 10 Mar 2017 21:45

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	16674		
200	22.5	18.2	27.4	
203	17.3	15.6	23.4	

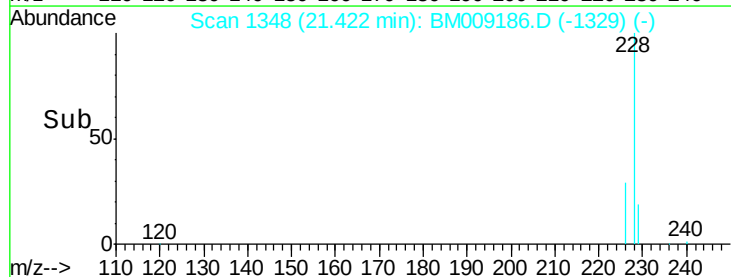
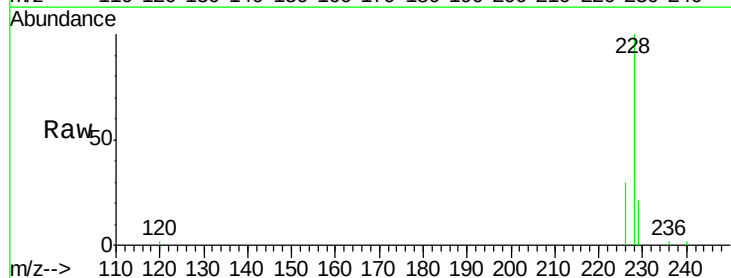
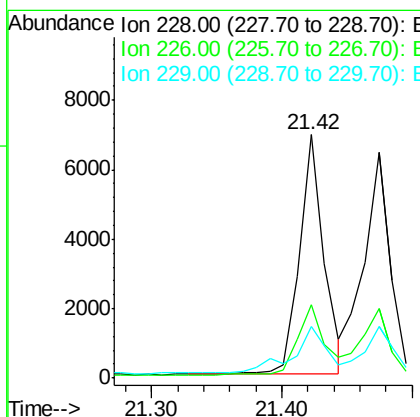
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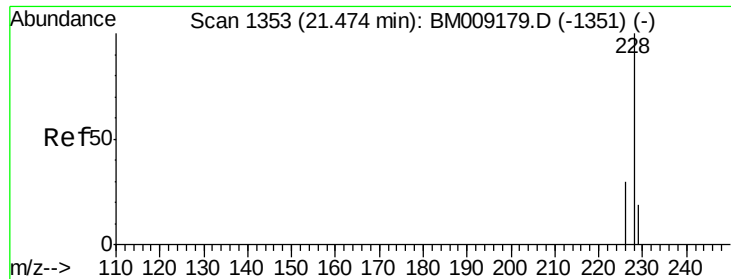
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#18
Benzo(a)anthracene
Concen: 2.11 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM009186.D
Acq: 10 Mar 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	9008		
226	30.1	22.8	34.2	
229	21.1	17.0	25.6	





#19

Chrysene

Concen: 2.24 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009186.D

Acq: 10 Mar 2017 21:45

Instrument :

BNA_M

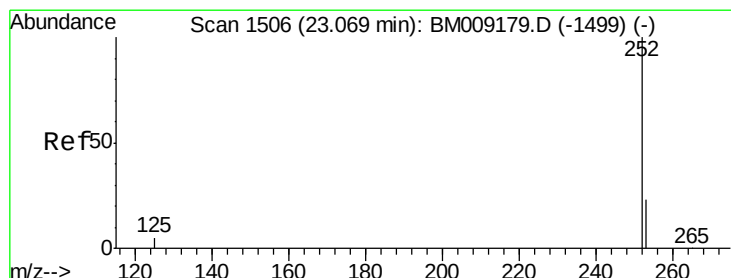
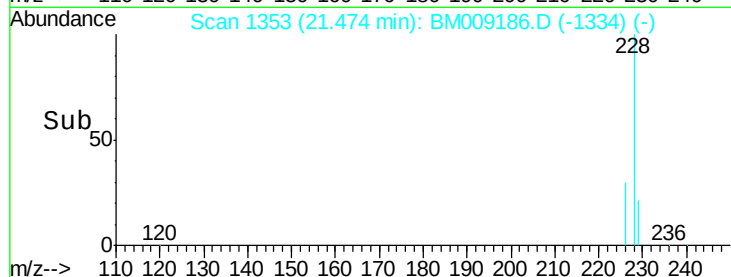
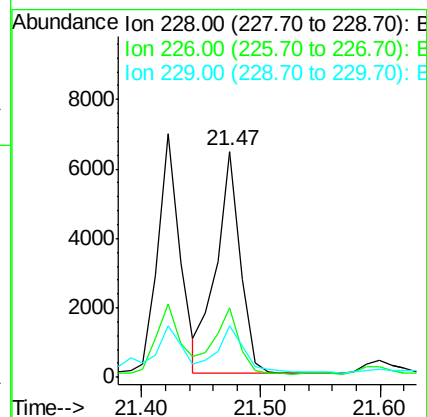
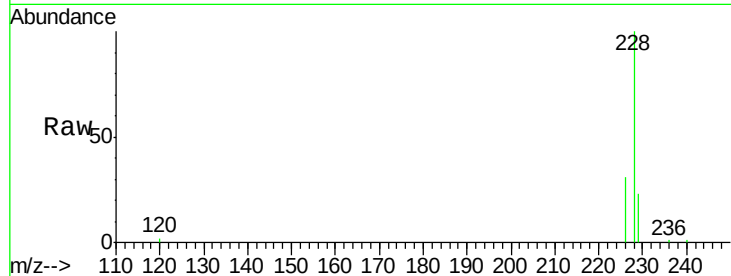
ClientSampleId :

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Tgt Ion:	228	Resp:	9066
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.0
229	22.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.98 ng/ul m

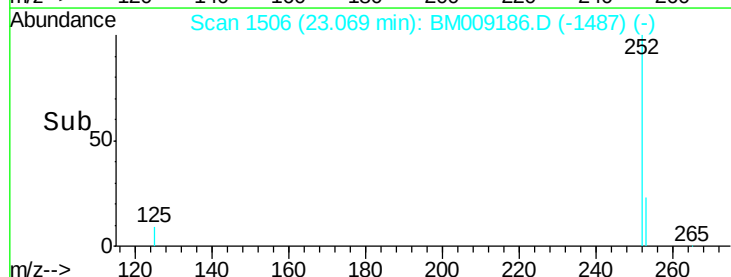
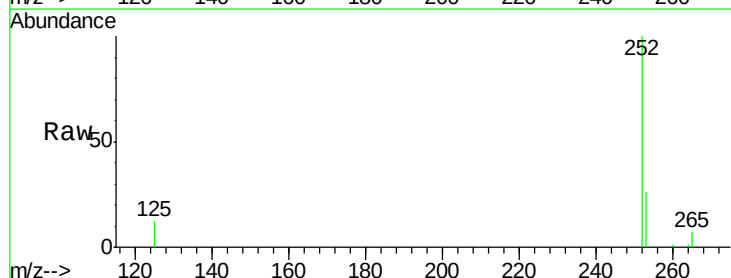
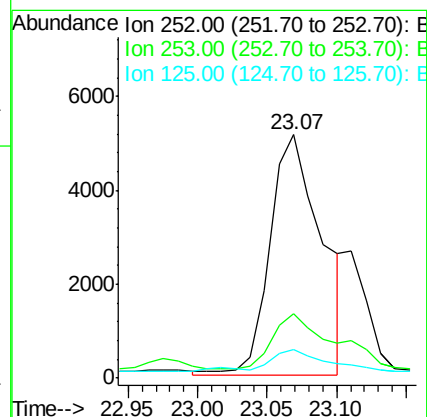
RT: 23.07 min Scan# 1506

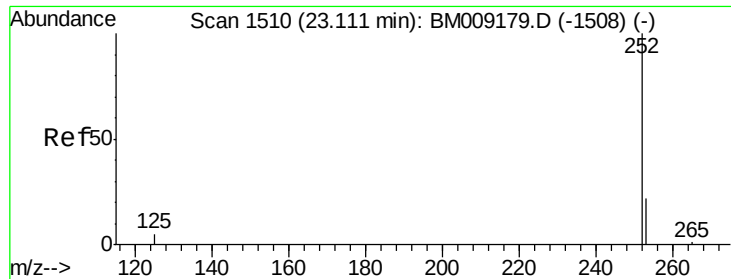
Delta R.T. -0.00 min

Lab File: BM009186.D

Acq: 10 Mar 2017 21:45

Tgt Ion:	252	Resp:	13306
Ion Ratio	Lower	Upper	
252	100		
253	26.4	0.0	64.2
125	11.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.80 ng/ul m

RT: 23.11 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BM009186.D

Acq: 10 Mar 2017 21:45

Instrument :

BNA_M

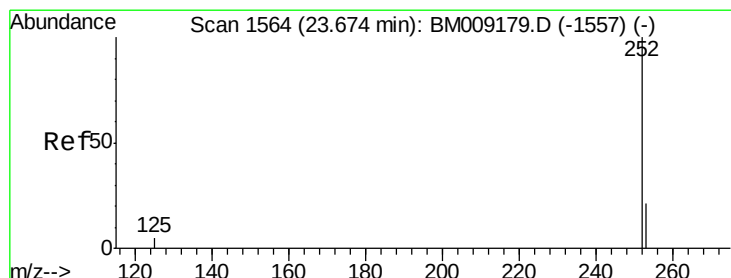
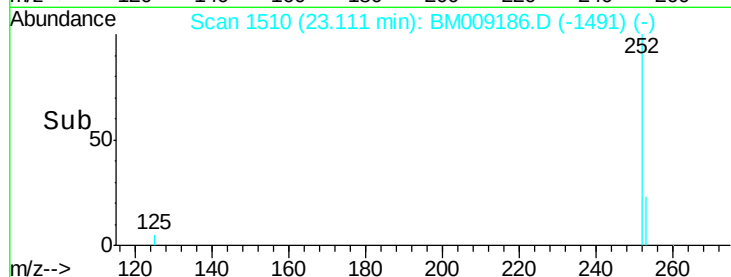
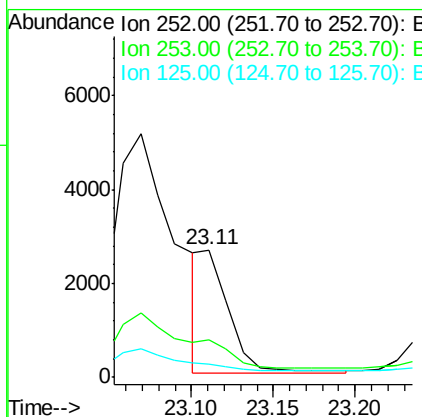
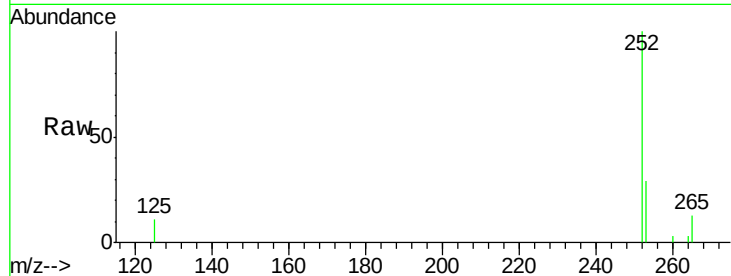
ClientSampleId :

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Tgt Ion:	252	Resp:	3179
Ion Ratio	Lower	Upper	
252	100		
253	29.2	24.5	36.7
125	10.8	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.83 ng/ul m

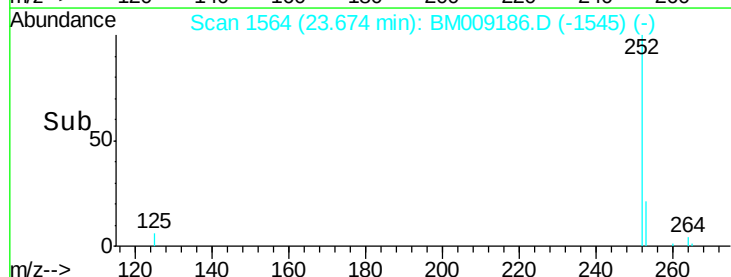
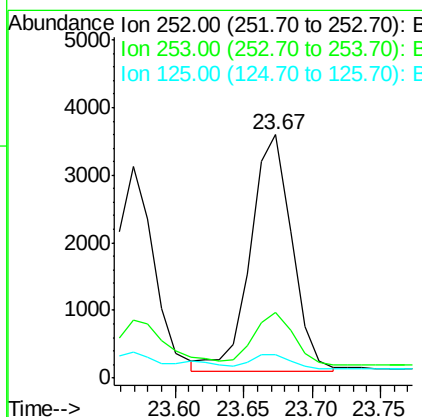
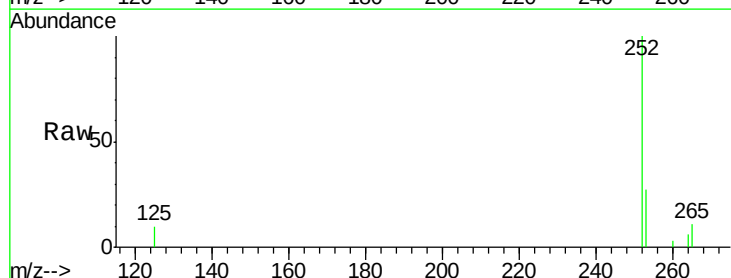
RT: 23.67 min Scan# 1564

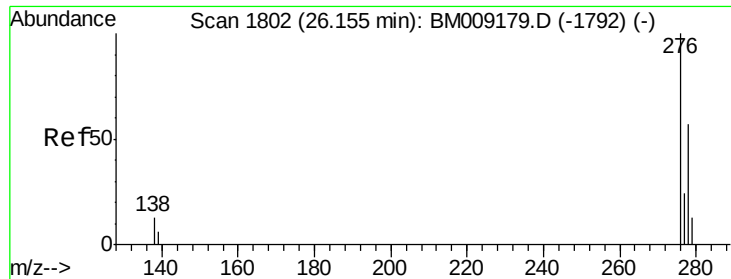
Delta R.T. -0.00 min

Lab File: BM009186.D

Acq: 10 Mar 2017 21:45

Tgt Ion:	252	Resp:	7361
Ion Ratio	Lower	Upper	
252	100		
253	27.0	28.5	42.7#
125	9.8	18.1	27.1#





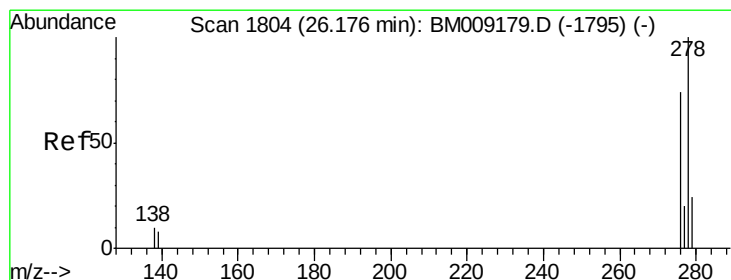
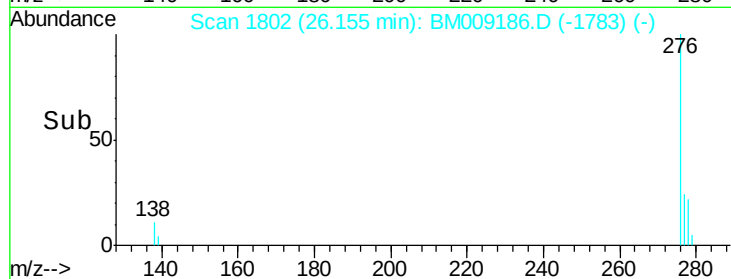
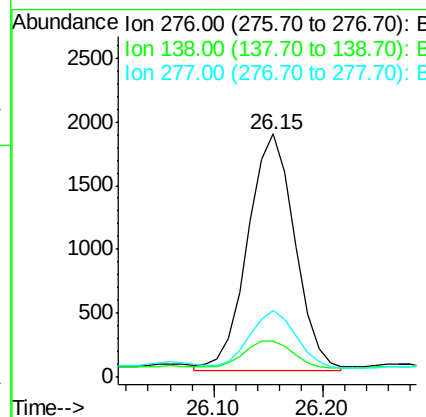
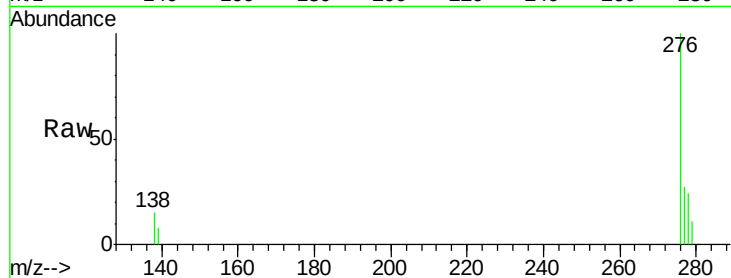
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.09 ng/ul m
 RT: 26.15 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BM009186.D
 Acq: 10 Mar 2017 21:45

Instrument :
 BNA_M
 ClientSampleId :
 C0AK0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.8	19.1	28.7#
277	0.7	19.6	29.4#

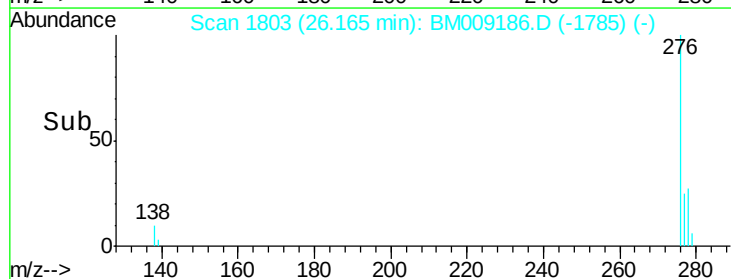
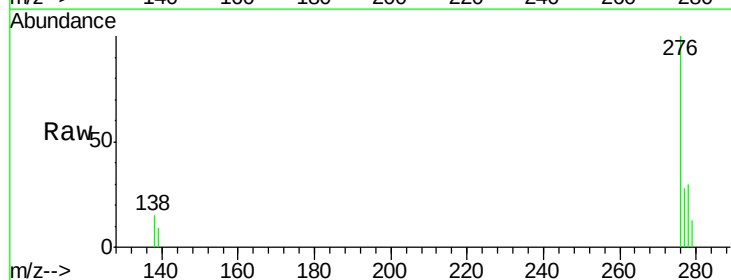
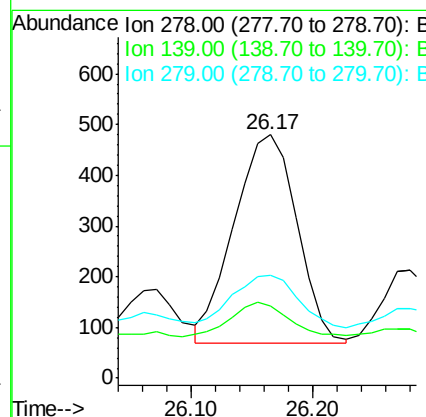
Manual Integrations
 APPROVED

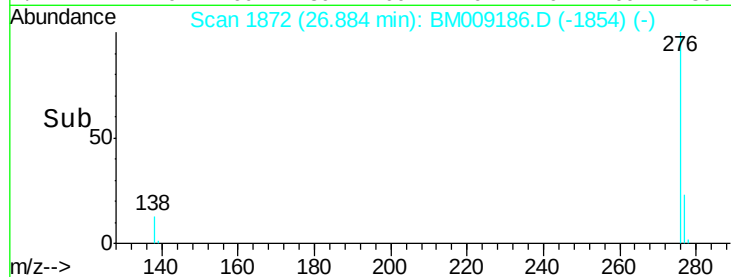
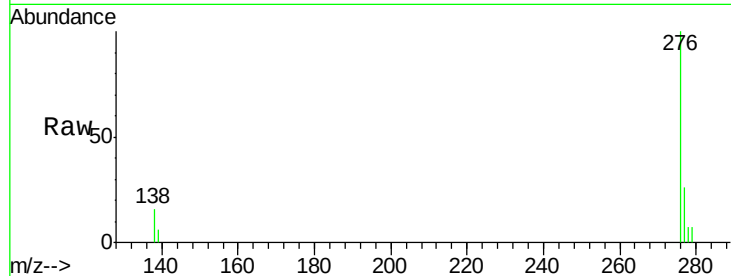
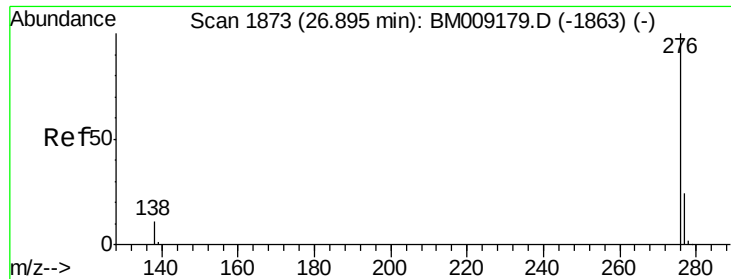
mohammad
 3/13/2017 2:14:03 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.34 ng/ul m
 RT: 26.17 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BM009186.D
 Acq: 10 Mar 2017 21:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.6	17.4	26.0#
279	42.1	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 1.14 ng/ul m

RT: 26.88 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BM009186.D

Acq: 10 Mar 2017 21:45

Instrument :

BNA_M

ClientSampleId :

C0AK0

Tgt Ion:	276	Resp:	4982
Ion Ratio	Lower	Upper	
276	100		
277	26.4	21.8	32.8
138	16.4	20.5	30.7#

Manual Integrations
APPROVED

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3/13/2017 2:14:03 PM

