

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
 Data File : BM009184.D
 Acq On : 10 Mar 2017 20:33
 Operator : SJ/MA
 Sample : I2107-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ5

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

Quant Time: Mar 11 02:22:16 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	326	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	1077	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	655	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1439m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1432	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1398m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	472	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1205	0.27	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	3581	1.15	ng/ul	97
5) 2-Methylnaphthalene	12.34	142	2882	1.29	ng/ul	100
7) Acenaphthylene	14.23	152	1263	0.37	ng/ul#	87
8) Acenaphthene	14.57	153	378	0.14	ng/ul#	87
9) Fluorene	15.56	166	417	0.14	ng/ul#	73
12) Phenanthrene	17.30	178	14696m	3.25	ng/ul	
13) Anthracene	17.40	178	3347	0.75	ng/ul	95
15) Fluoranthene	19.33	202	43111	7.31	ng/ul	93
17) Pyrene	19.69	202	38221	7.76	ng/ul	96
18) Benzo(a)anthracene	21.42	228	23330m	4.90	ng/ul	
19) Chrysene	21.47	228	24204m	5.36	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	36641m	6.67	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	11393m	2.35	ng/ul	
23) Benzo(a)pyrene	23.67	252	22330m	4.52	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	16593m	2.64	ng/ul	
25) Dibenzo(a,h)anthracene	26.16	278	4210m	0.80	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	15183m	2.83	ng/ul	

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

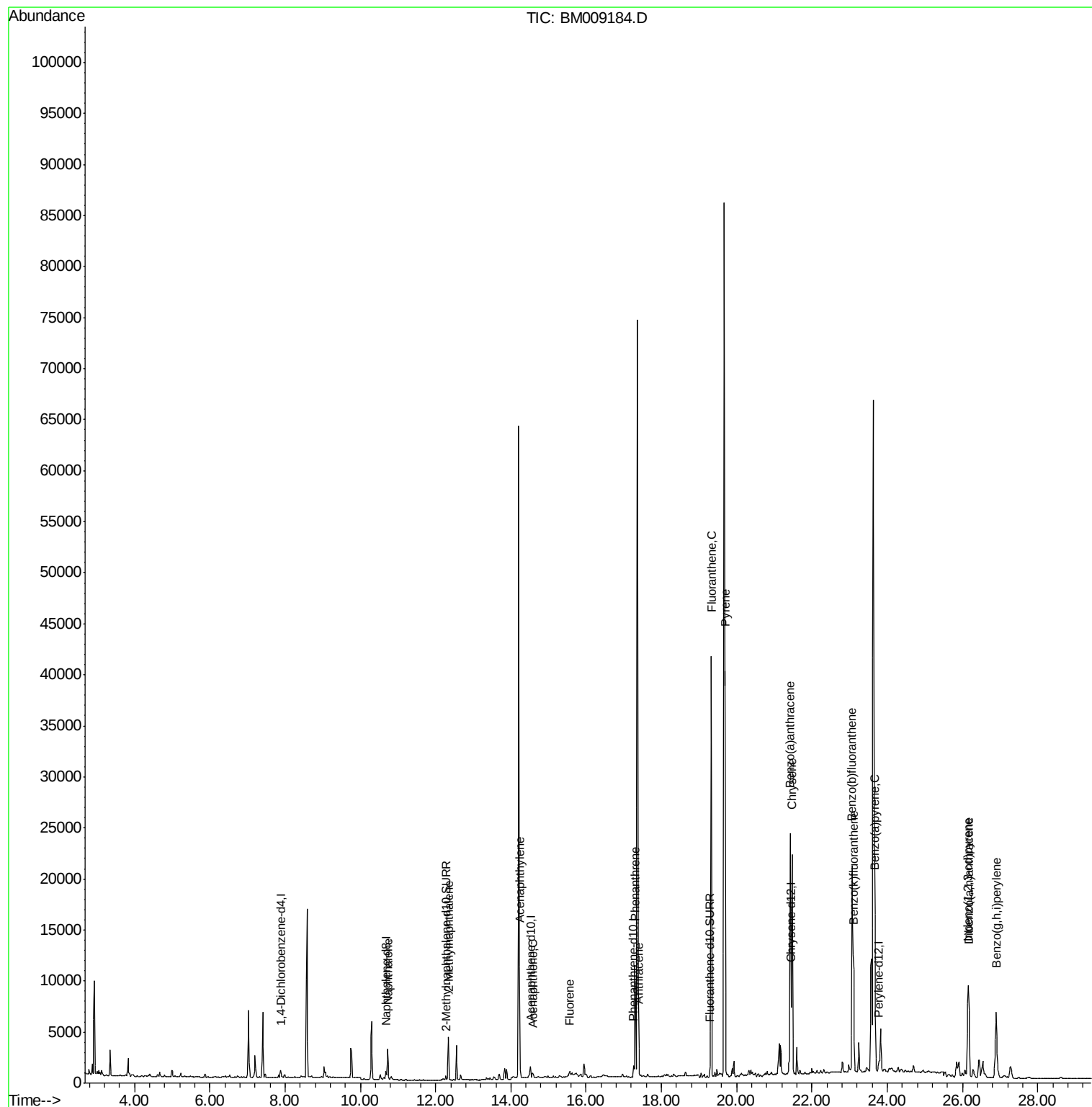
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
Data File : BM009184.D
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Operator : SJ/MA
Sample : I2107-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

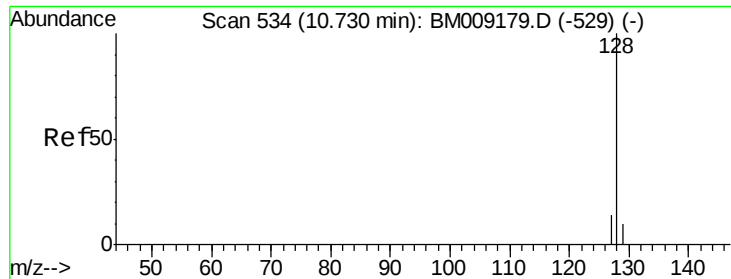
Instrument :
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#3

Naphthalene

Concen: 1.15 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

Instrument :

BNA_M

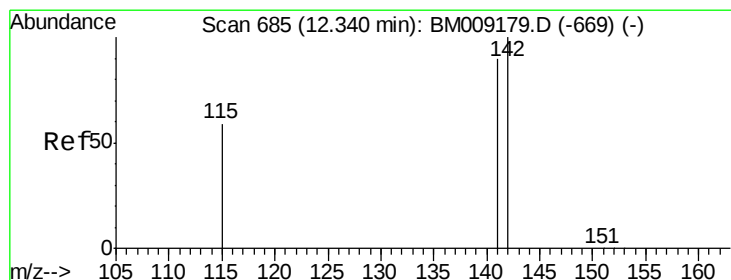
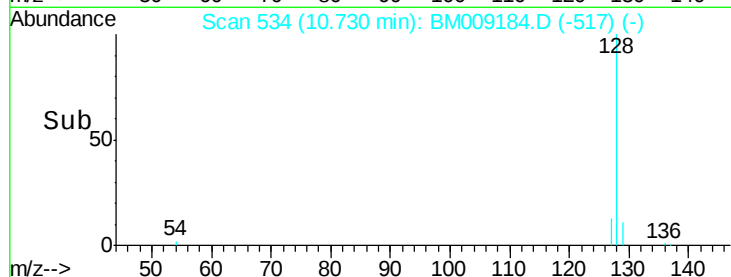
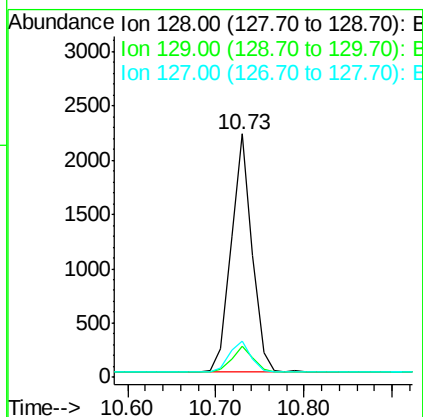
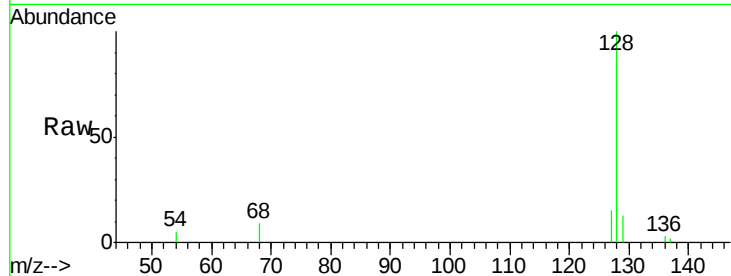
ClientSampleId :

C0AJ5

Tgt Ion:	128	Resp:	3581
Ion Ratio	Lower	Upper	
128	100		
129	12.8	11.3	16.9
127	15.0	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 1.29 ng/ul

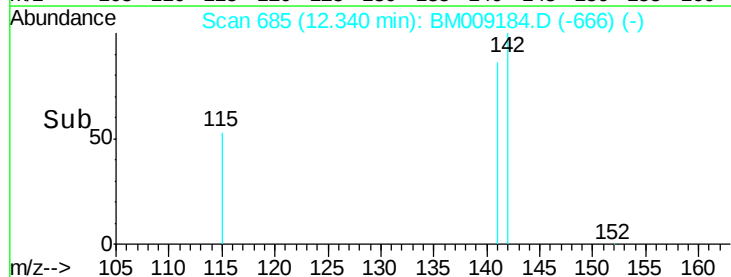
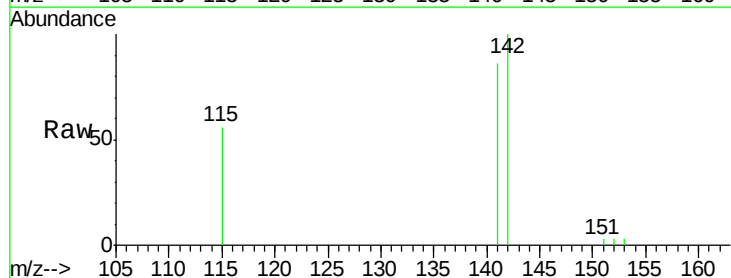
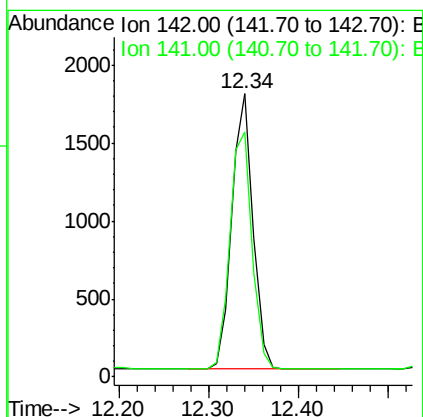
RT: 12.34 min Scan# 685

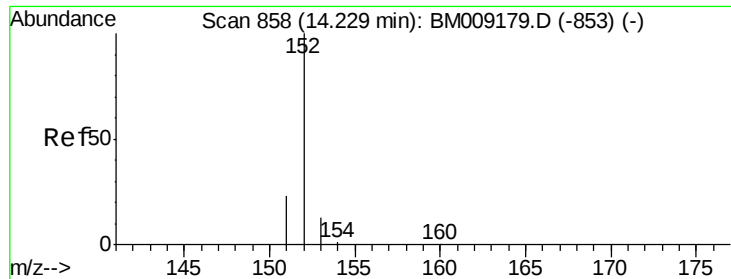
Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

Tgt Ion:	142	Resp:	2882
Ion Ratio	Lower	Upper	
142	100		
141	90.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.37 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

Instrument :

BNA_M

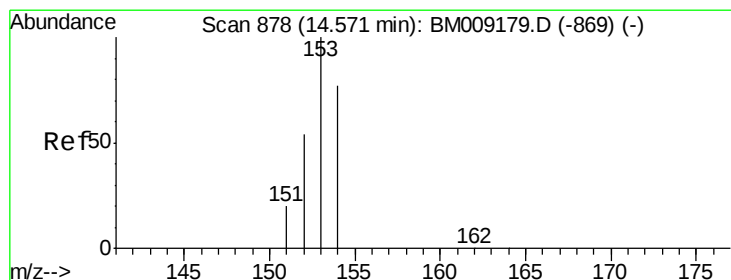
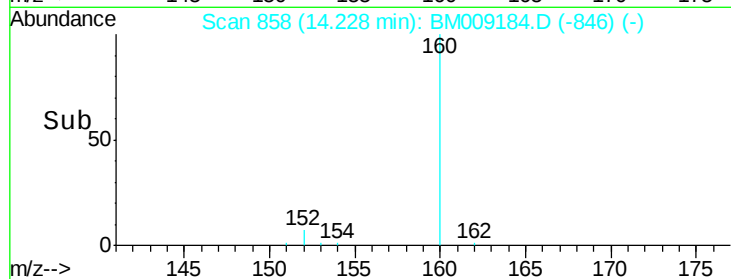
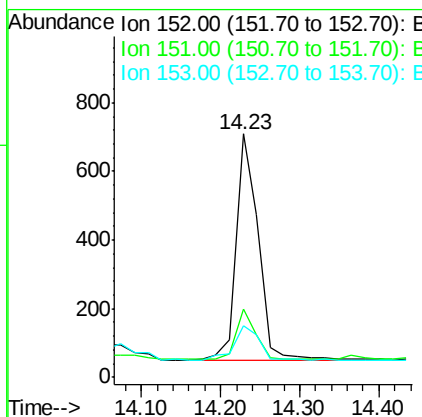
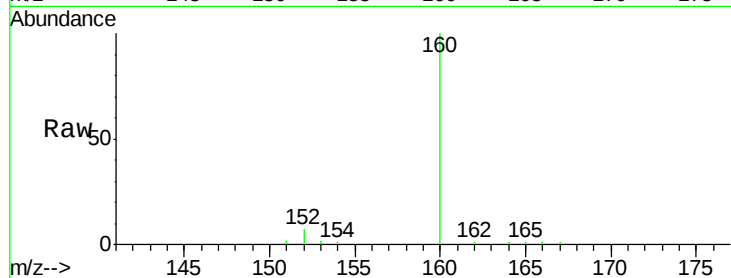
ClientSampleId :

C0AJ5

Tgt Ion:	152	Resp:	1263
Ion Ratio	Lower	Upper	
152	100		
151	27.9	17.1	25.7#
153	21.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.14 ng/ul

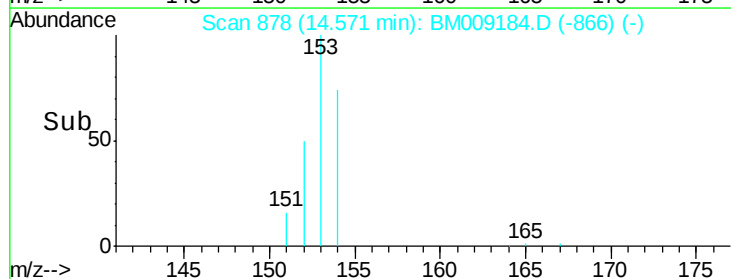
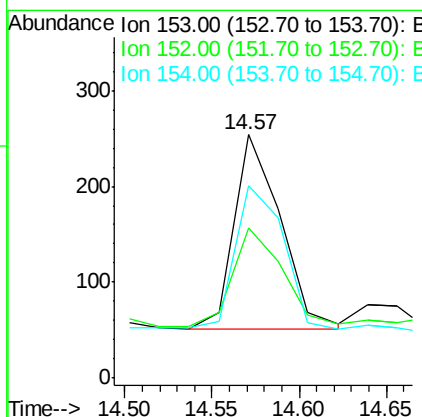
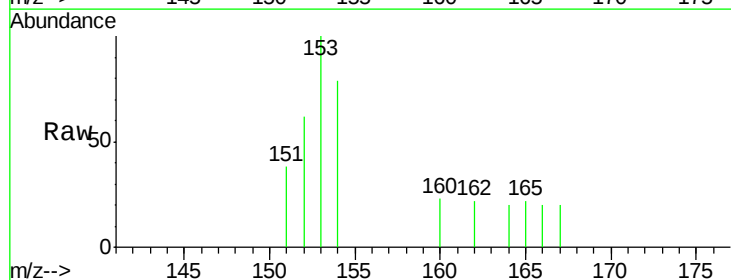
RT: 14.57 min Scan# 878

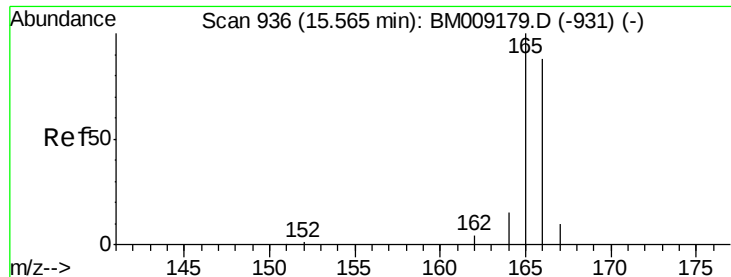
Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

Tgt Ion:	153	Resp:	378
Ion Ratio	Lower	Upper	
153	100		
152	61.8	40.3	60.5#
154	79.1	71.4	107.2





#9

Fluorene

Concen: 0.14 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

Instrument :

BNA_M

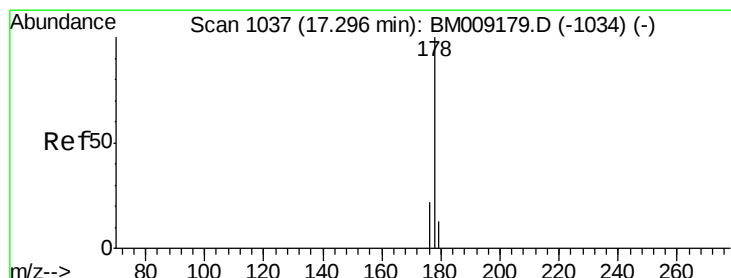
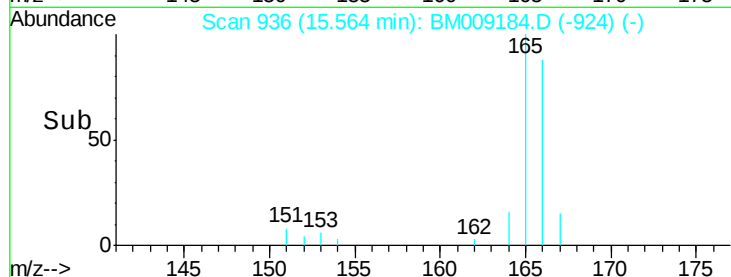
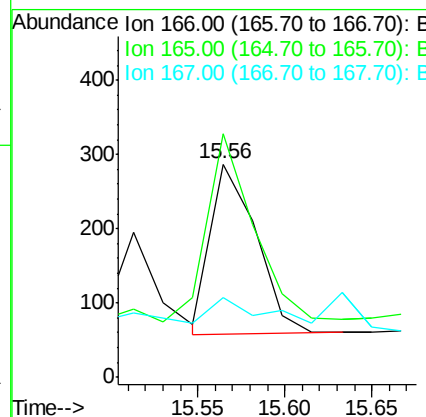
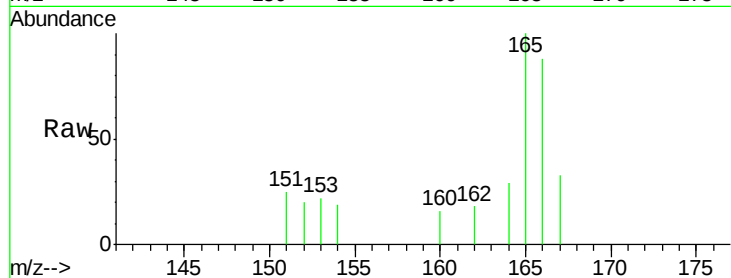
ClientSampled :

C0AJ5

Tgt Ion:	166	Resp:	417
Ion Ratio	Lower	Upper	
166	100		
165	114.3	73.4	110.2#
167	37.3	14.6	22.0#

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#12

Phenanthrene

Concen: 3.25 ng/ul m

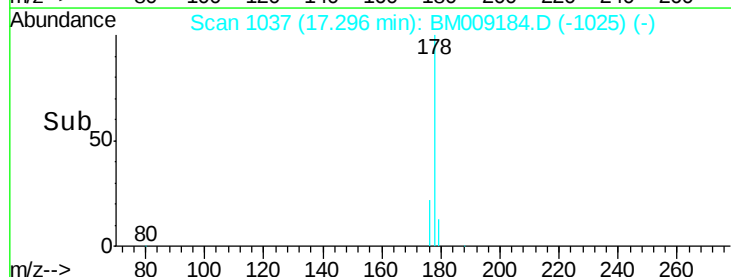
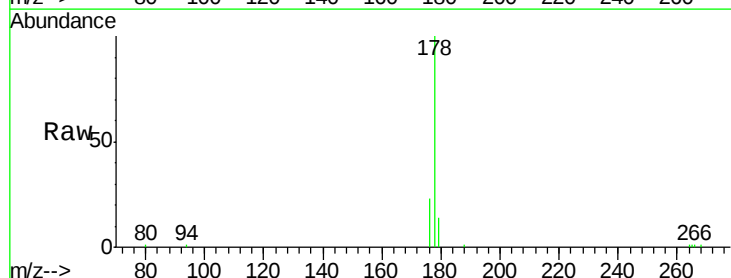
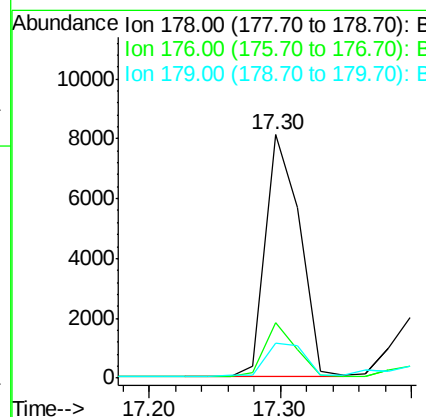
RT: 17.30 min Scan# 1037

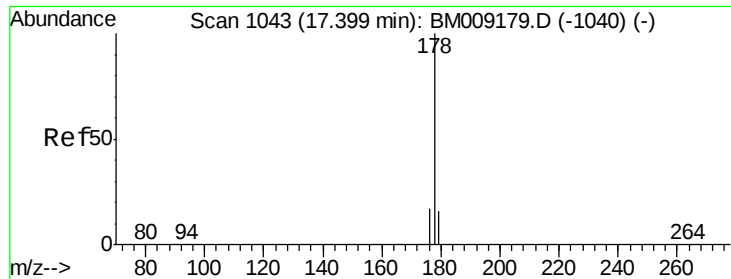
Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

Tgt Ion:	178	Resp:	14696
Ion Ratio	Lower	Upper	
178	100		
176	22.8	18.4	27.6
179	14.2	13.6	20.4





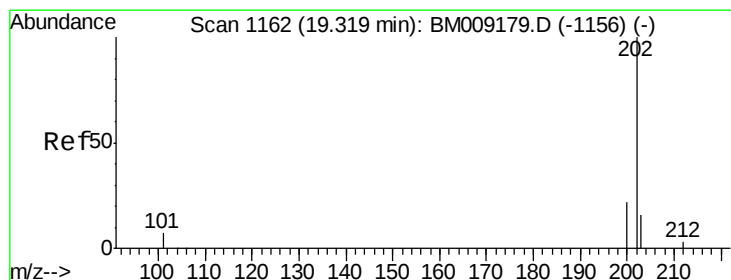
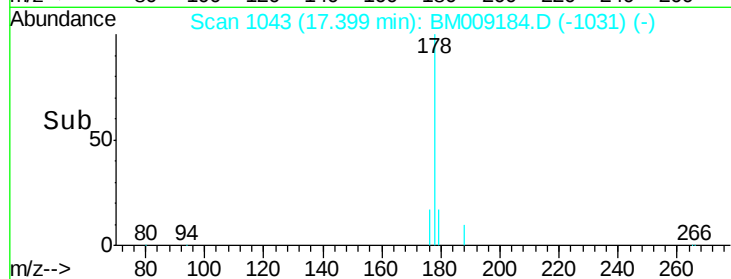
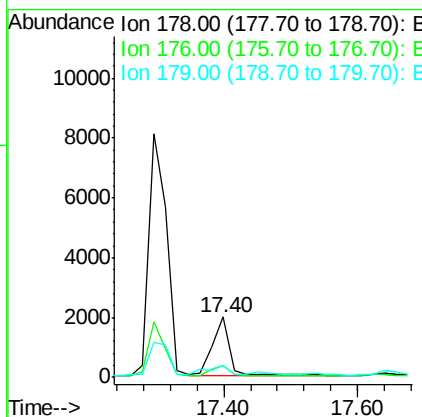
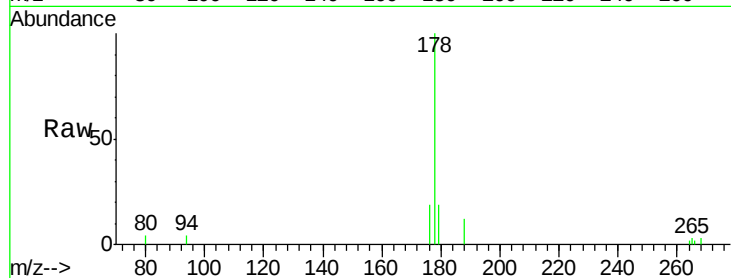
#13
 Anthracene
 Concen: 0.75 ng/ul
 RT: 17.40 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BM009184.D
 Acq: 10 Mar 2017 20:33

Instrument :
 BNA_M
 ClientSampled :
 C0AJ5

Tgt Ion:	178	Resp:	3347
Ion Ratio	Lower	Upper	
178	100		
176	19.5	18.1	27.1
179	19.4	14.7	22.1

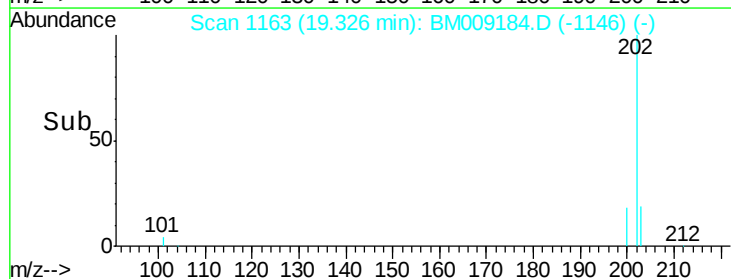
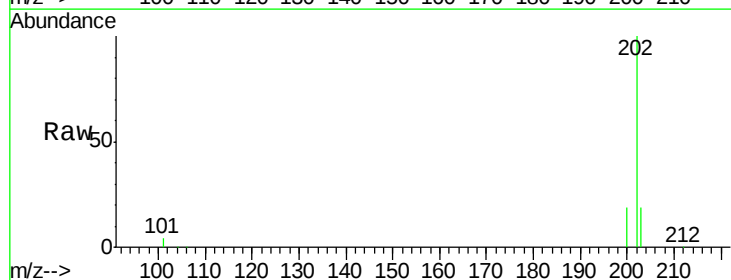
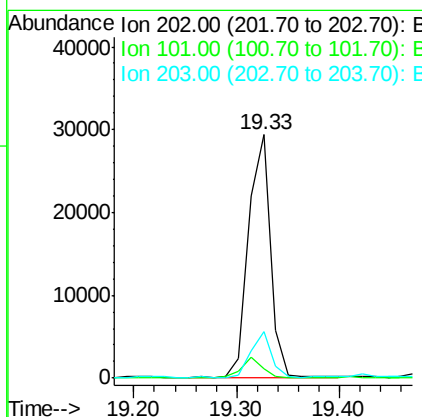
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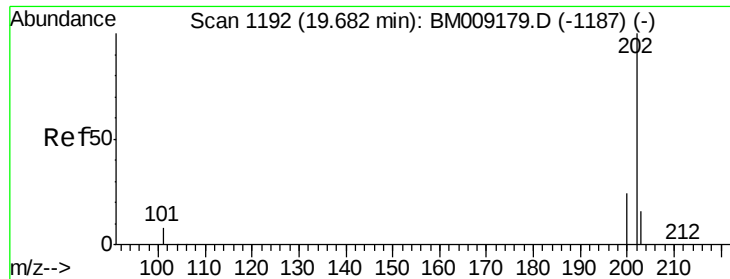
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#15
 Fluoranthene
 Concen: 7.31 ng/ul
 RT: 19.33 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BM009184.D
 Acq: 10 Mar 2017 20:33

Tgt Ion:	202	Resp:	43111
Ion Ratio	Lower	Upper	
202	100		
101	3.8	0.0	30.3
203	18.9	0.0	39.5





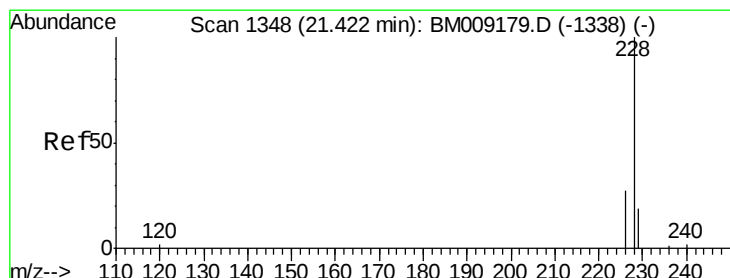
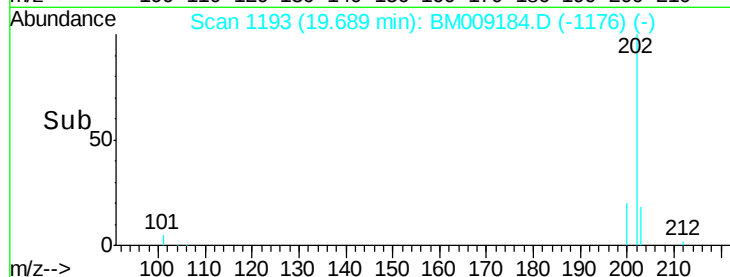
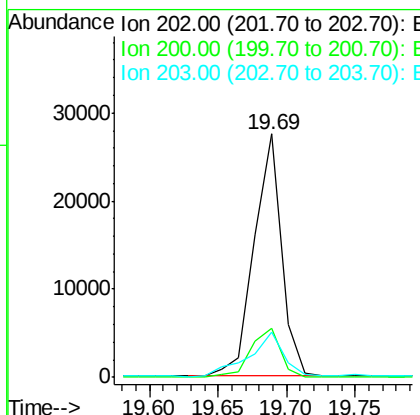
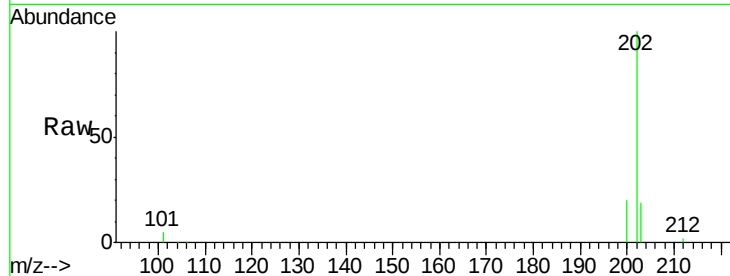
#17
Pyrene
Concen: 7.76 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BM009184.D
Acq: 10 Mar 2017 20:33

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BNA_M
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Tgt Ion:	202	Resp:	38221
Ion Ratio	Lower	Upper	
202	100		
200	19.9	18.2	27.4
203	18.8	15.6	23.4

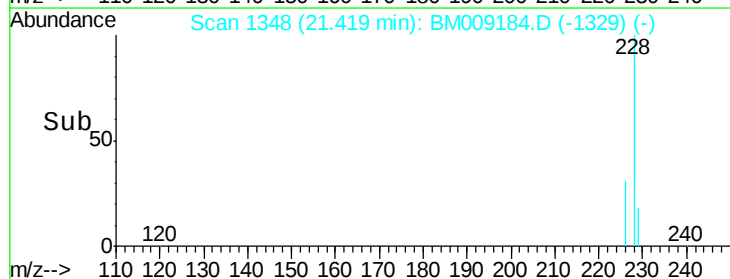
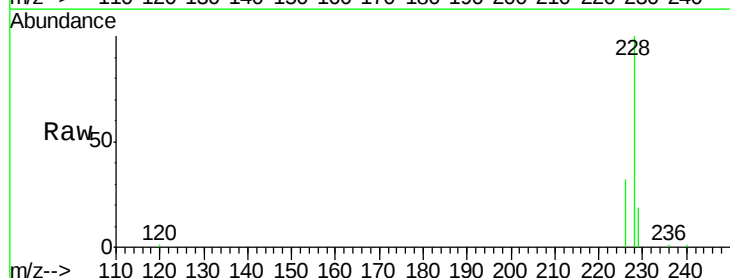
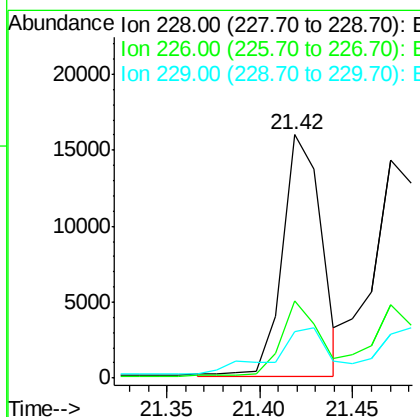
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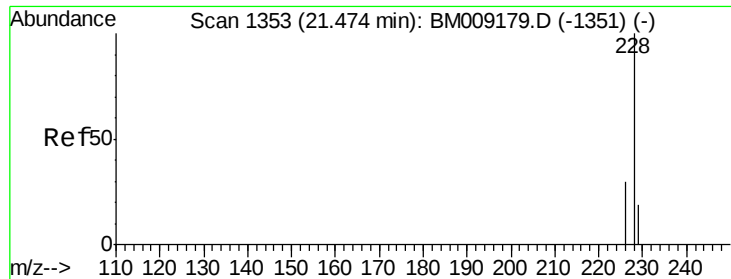
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#18
Benzo(a)anthracene
Concen: 4.90 ng/ul m
RT: 21.42 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM009184.D
Acq: 10 Mar 2017 20:33

Tgt Ion:	228	Resp:	23330
Ion Ratio	Lower	Upper	
228	100		
226	31.6	22.8	34.2
229	19.2	17.0	25.6





#19

Chrysene

Concen: 5.36 ng/ul m

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

Instrument :

BNA_M

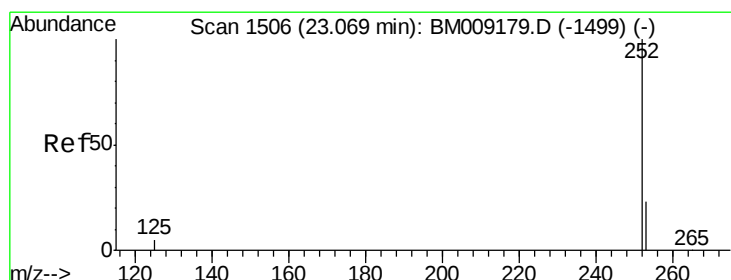
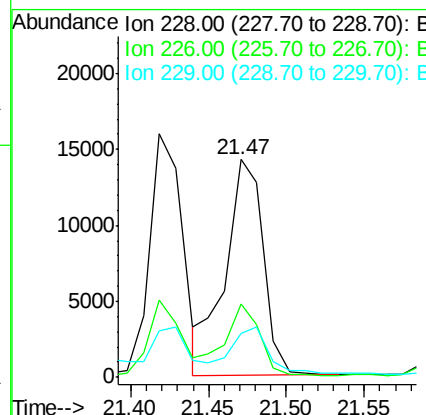
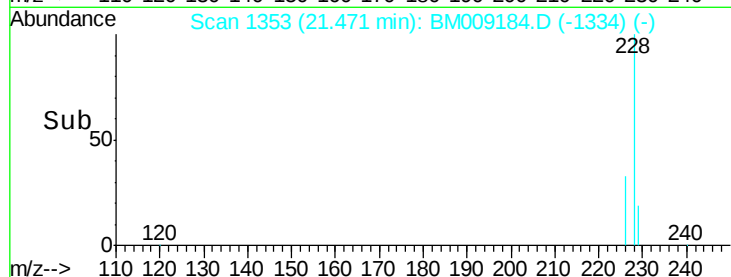
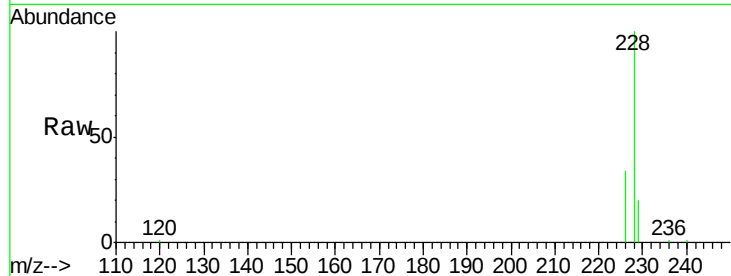
ClientSampleId :

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Tgt Ion:	228	Resp:	24204
Ion Ratio	Lower	Upper	
228	100		
226	33.9	23.4	35.0
229	20.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 6.67 ng/ul m

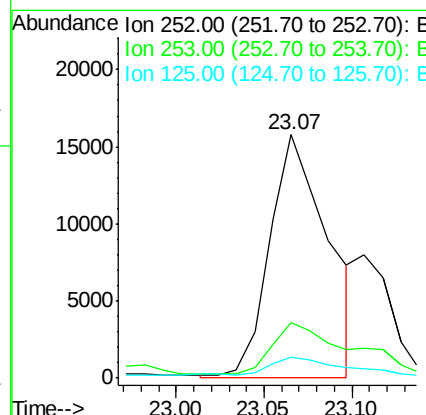
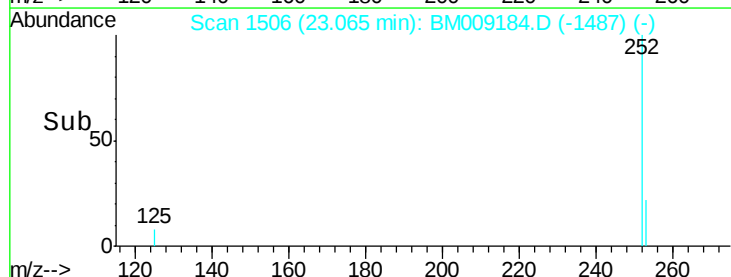
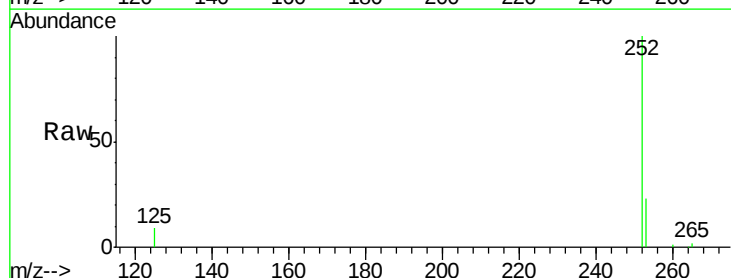
RT: 23.07 min Scan# 1506

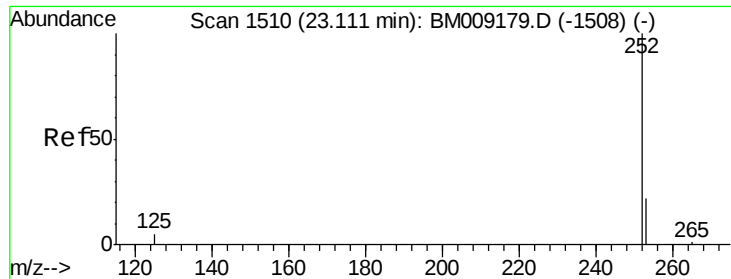
Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

Tgt Ion:	252	Resp:	36641
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	8.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 2.35 ng/ul m

RT: 23.11 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

Instrument :

BNA_M

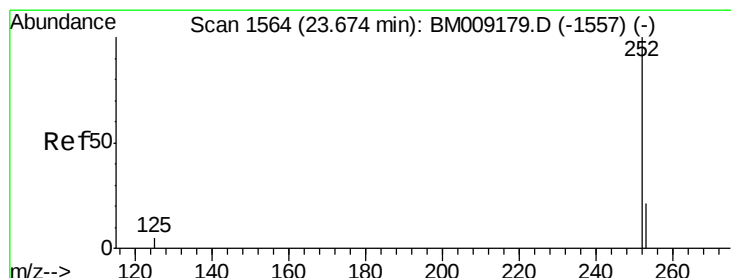
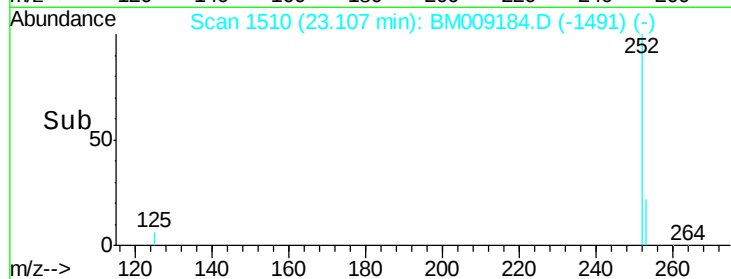
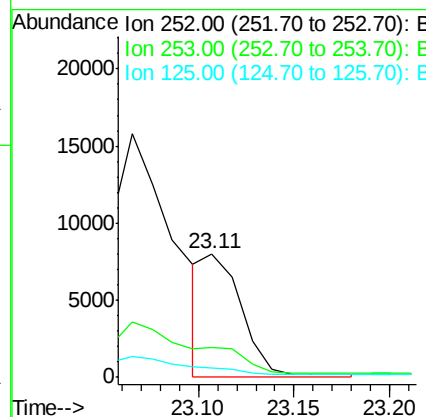
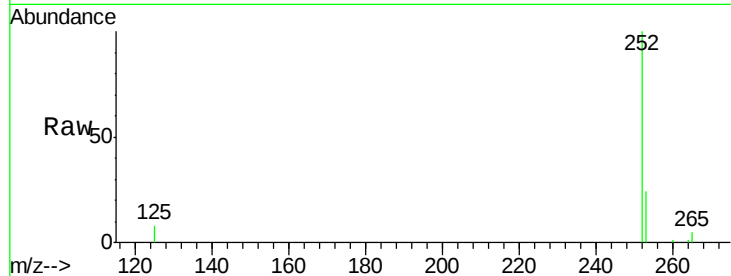
ClientSampleId :

C0AJ5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	24.5	36.7#
125	8.1	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 4.52 ng/ul m

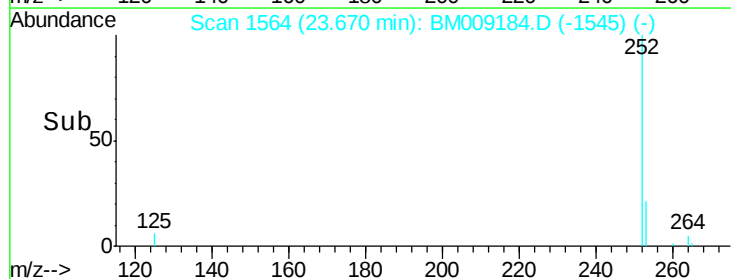
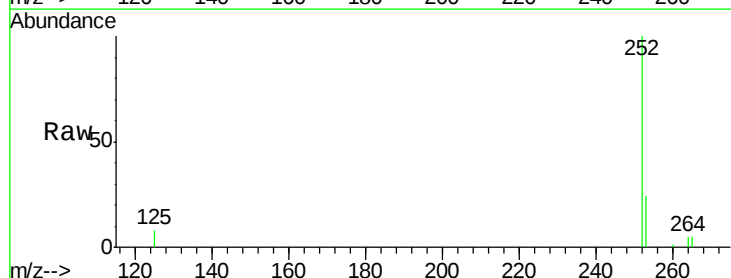
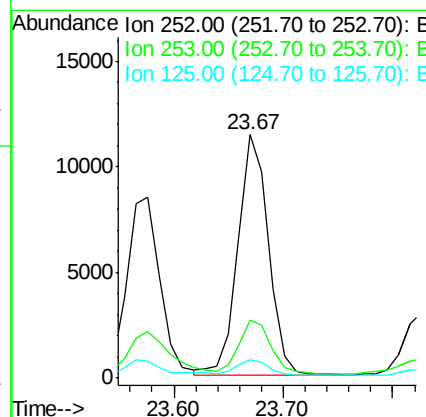
RT: 23.67 min Scan# 1564

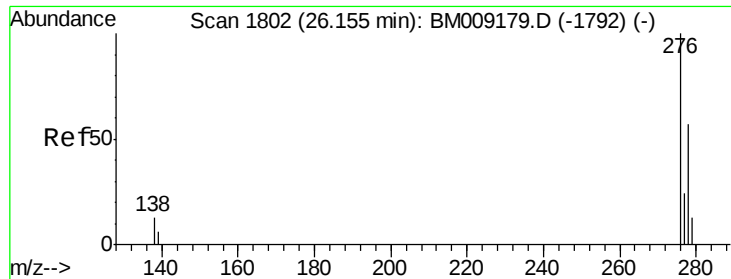
Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	28.5	42.7#
125	7.7	18.1	27.1#





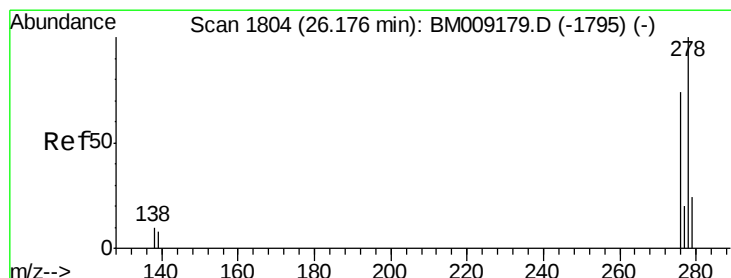
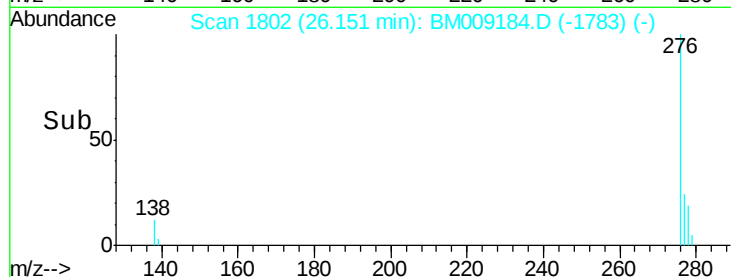
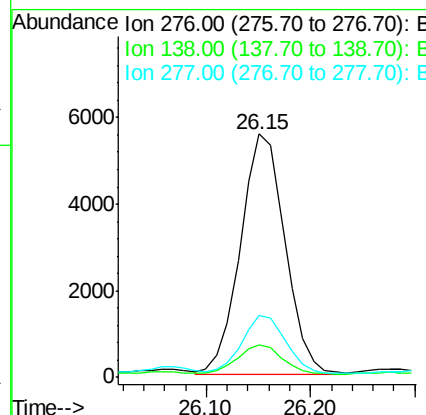
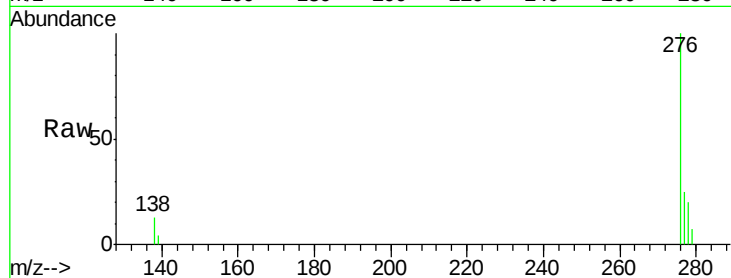
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.64 ng/ul m
 RT: 26.15 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BM009184.D
 Acq: 10 Mar 2017 20:33

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ5

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	0.6	19.1	28.7#
277	0.0	19.6	29.4#

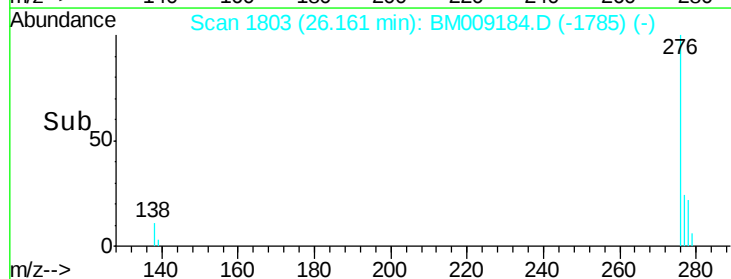
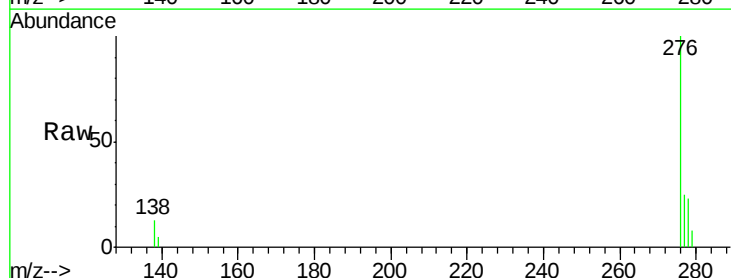
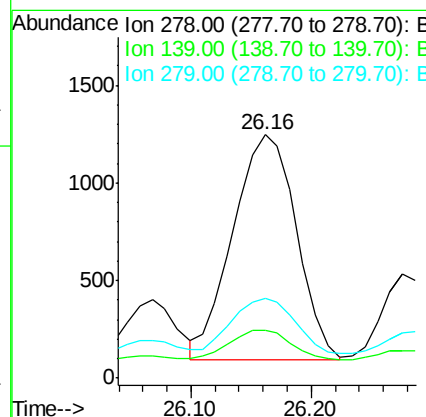
Manual Integrations
 APPROVED

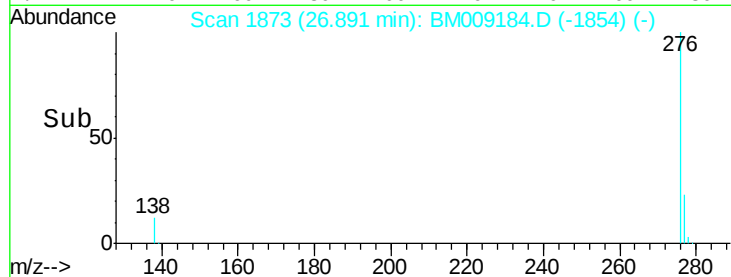
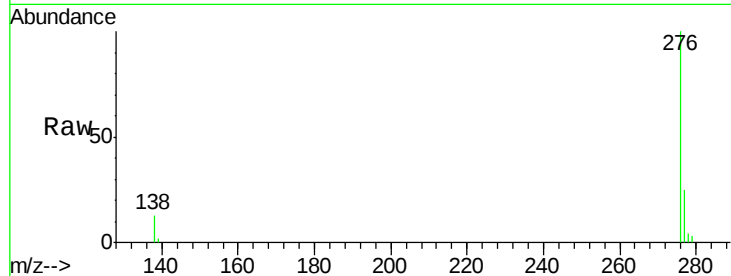
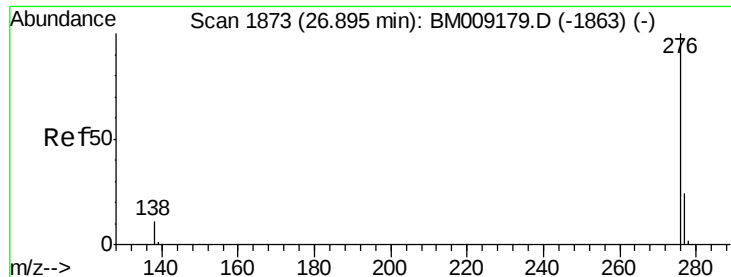
mohammad
 3/13/2017 2:14:13 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.80 ng/ul m
 RT: 26.16 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BM009184.D
 Acq: 10 Mar 2017 20:33

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	19.9	17.4	26.0
279	32.7	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 2.83 ng/ul m

RT: 26.89 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

Instrument :

BNA_M

ClientSampleId :

C0AJ5

Tgt Ion:	276	Resp:	15183
Ion Ratio		Lower	Upper
276	100		
277	24.7	21.8	32.8
138	13.5	20.5	30.7#

Manual Integrations
APPROVED

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

