

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
 Data File : BM009144.D
 Acq On : 09 Mar 2017 14:21
 Operator : SJ/MA
 Sample : I2062-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK6

Manual Integrations
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mohammad
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Quant Time: Mar 09 15:39:34 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 15:10:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	194	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	630	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	392	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	889m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1111	0.40	ng/ul	-0.01
20) Perylene-d12	23.78	264	914m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	285	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	904	0.33	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	4582	2.52	ng/ul	97
5) 2-Methylnaphthalene	12.34	142	3768	2.88	ng/ul	99
7) Acenaphthylene	14.23	152	359	0.18	ng/ul#	44
8) Acenaphthene	14.59	153	146	0.09	ng/ul#	79
9) Fluorene	15.56	166	139	0.08	ng/ul#	41
12) Phenanthrene	17.31	178	4475	1.60	ng/ul	92
13) Anthracene	17.40	178	664	0.24	ng/ul#	86
15) Fluoranthene	19.33	202	8666	2.38	ng/ul	94
17) Pyrene	19.69	202	9359	2.45	ng/ul	97
18) Benzo(a)anthracene	21.42	228	6333	1.72	ng/ul	95
19) Chrysene	21.48	228	5872	1.68	ng/ul	95
21) Benzo(b)fluoranthene	23.07	252	10188m	2.84	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	3255m	1.03	ng/ul	
23) Benzo(a)pyrene	23.67	252	5661m	1.75	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	4133m	1.01	ng/ul	
25) Dibenzo(a,h)anthracene	26.16	278	1157m	0.34	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	3639m	1.04	ng/ul	

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

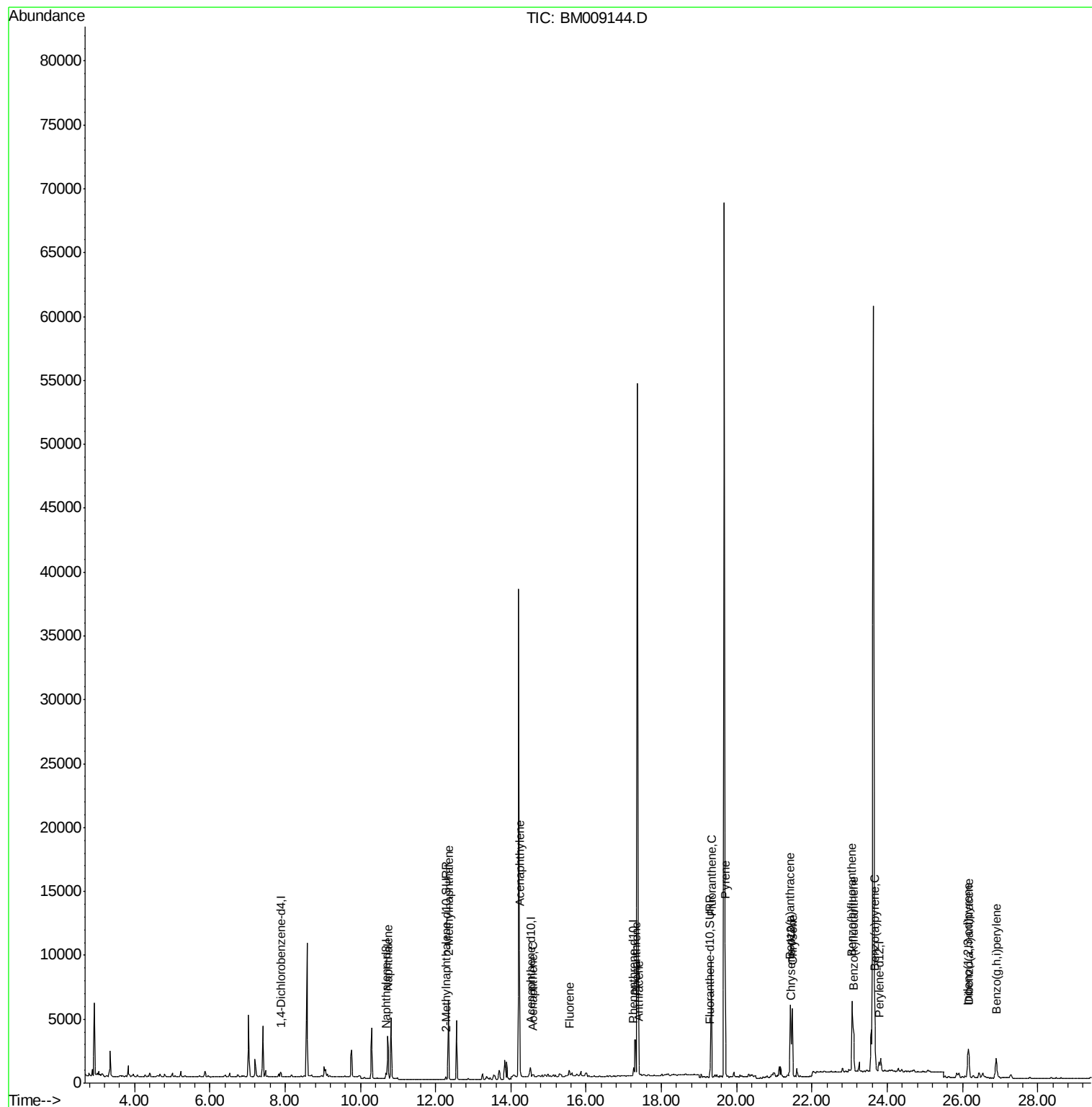
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
Data File : BM009144.D
Acq On : 09 Mar 2017 14:21
Operator : SJ/MA
Sample : I2062-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

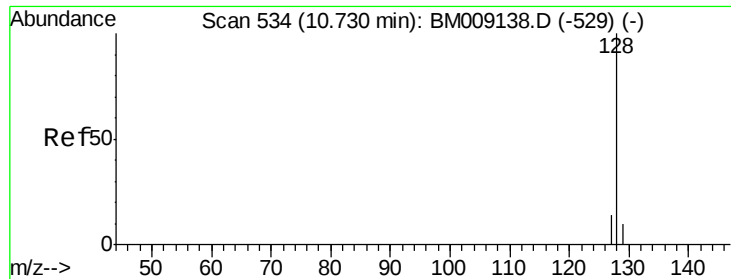
Instrument :
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#3

Naphthalene

Concen: 2.52 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009144.D

Acq: 09 Mar 2017 14:21

Instrument :

BNA_M

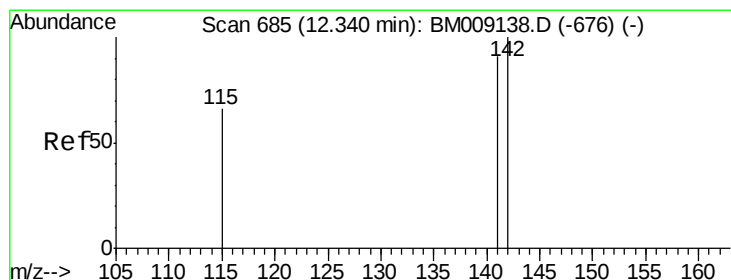
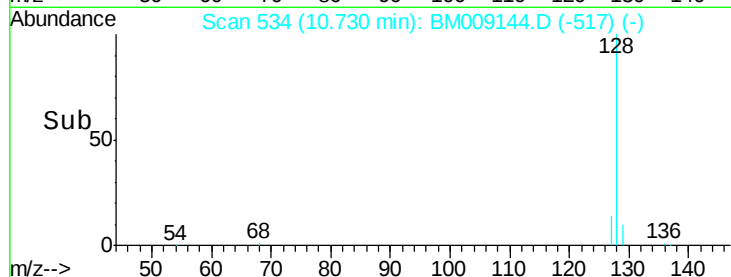
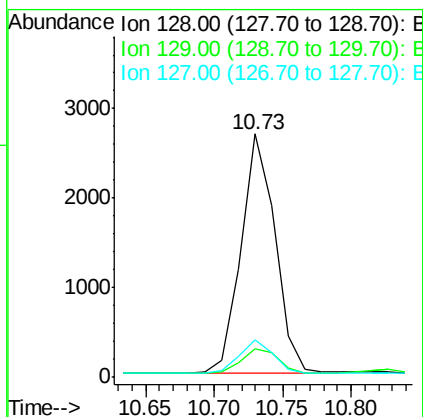
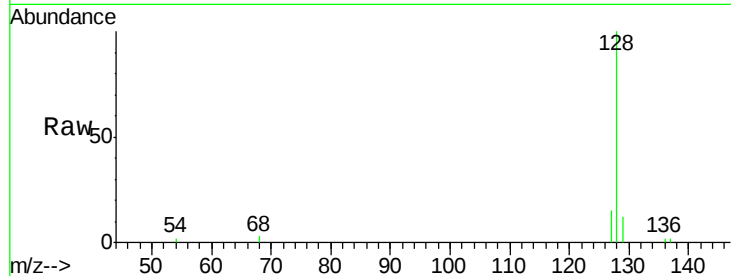
ClientSampleId :

C0AK6

Tgt Ion:	128	Resp:	4582
Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.3	16.9
127	15.5	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 2.88 ng/ul

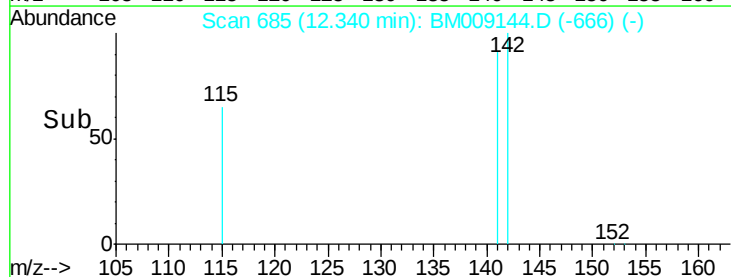
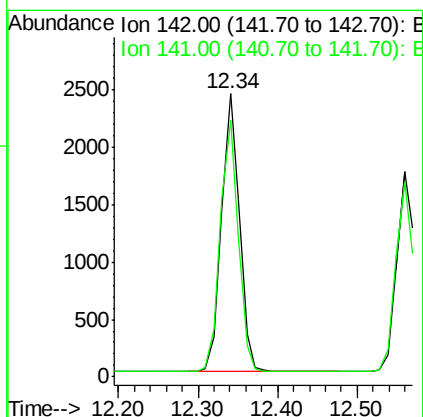
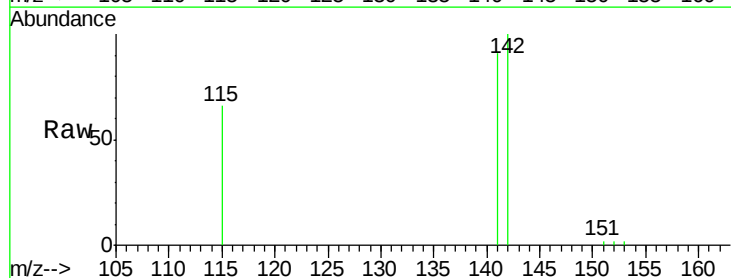
RT: 12.34 min Scan# 685

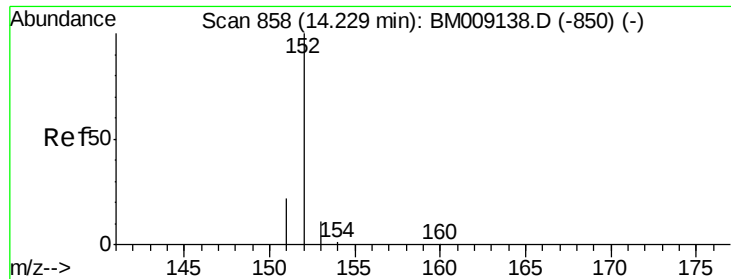
Delta R.T. 0.00 min

Lab File: BM009144.D

Acq: 09 Mar 2017 14:21

Tgt Ion:	142	Resp:	3768
Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.18 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. -0.02 min

Lab File: BM009144.D

Acq: 09 Mar 2017 14:21

Instrument :

BNA_M

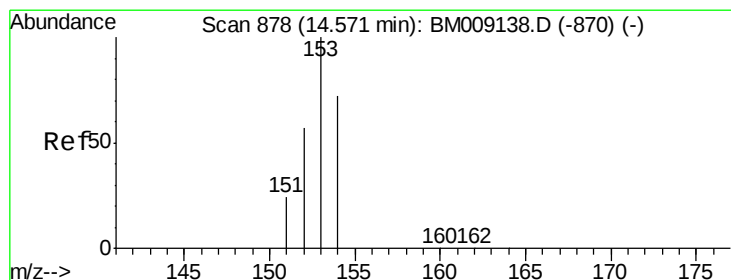
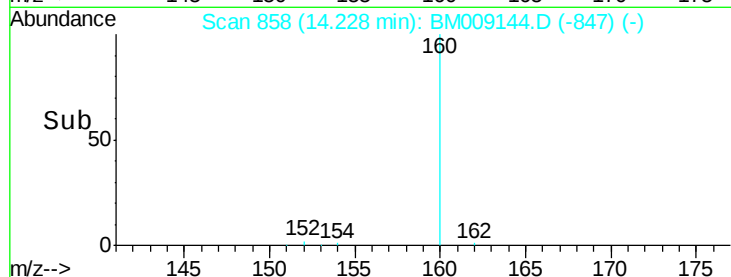
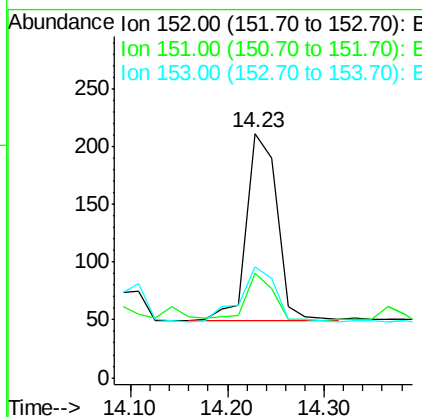
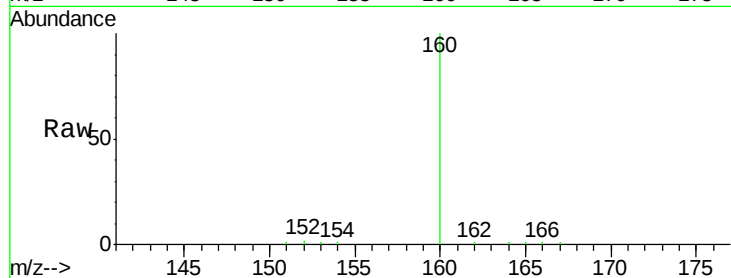
ClientSampled :

C0AK6

Tgt Ion:	152	Resp:	359
Ion Ratio	Lower	Upper	
152	100		
151	42.7	17.1	25.7#
153	45.5	12.8	19.2#

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#8

Acenaphthene

Concen: 0.09 ng/ul

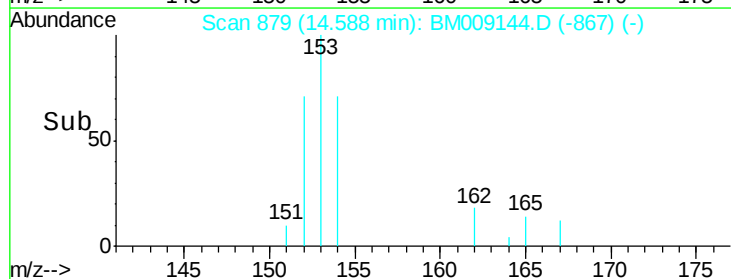
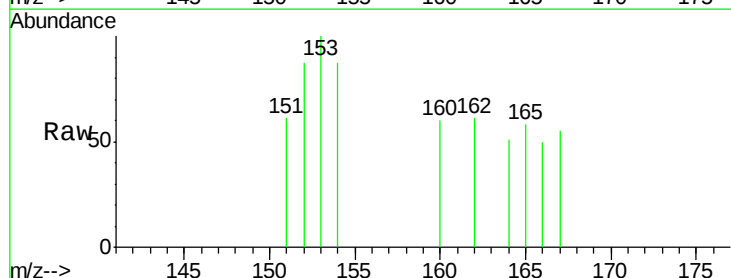
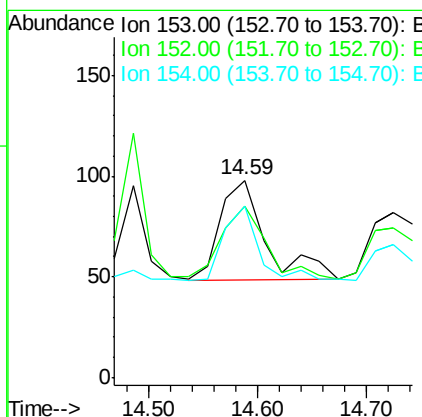
RT: 14.59 min Scan# 879

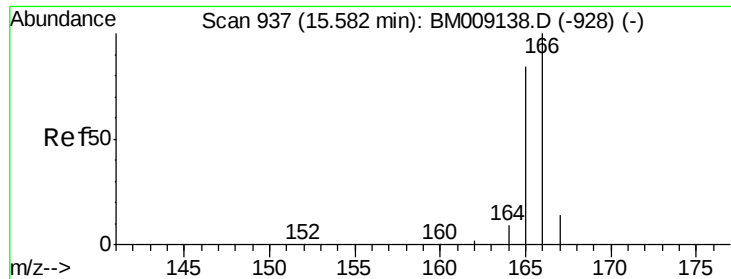
Delta R.T. 0.00 min

Lab File: BM009144.D

Acq: 09 Mar 2017 14:21

Tgt Ion:	153	Resp:	146
Ion Ratio	Lower	Upper	
153	100		
152	86.7	40.3	60.5#
154	86.7	71.4	107.2





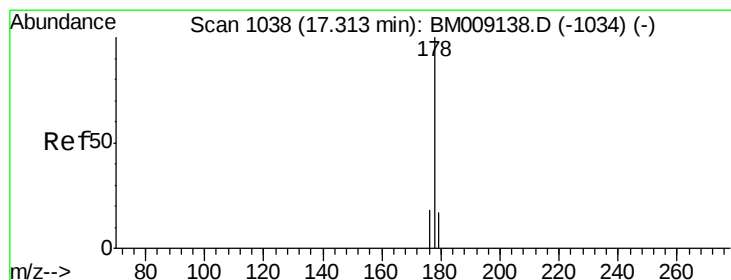
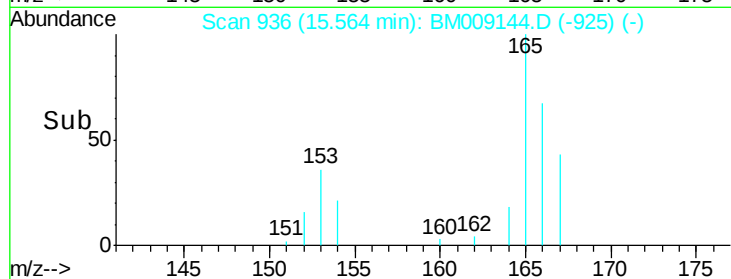
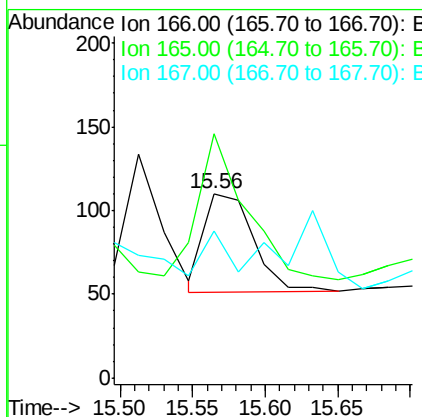
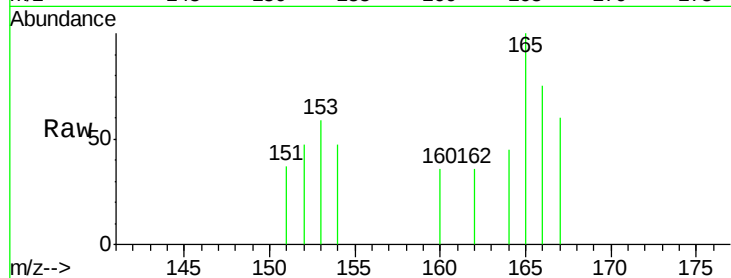
#9
Fluorene
 Concen: 0.08 ng/ul
 RT: 15.56 min Scan# 936
 Delta R.T. -0.02 min
 Lab File: BM009144.D
 Acq: 09 Mar 2017 14:21

Instrument :
 BNA_M
 ClientSampled :
 C0AK6

Tgt Ion	Ratio	Lower	Upper
166	100		
165	132.7	73.4	110.2#
167	80.0	14.6	22.0#

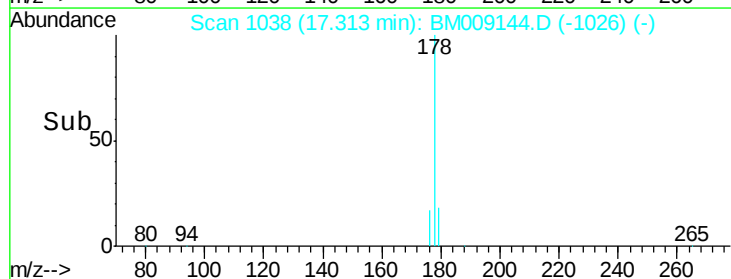
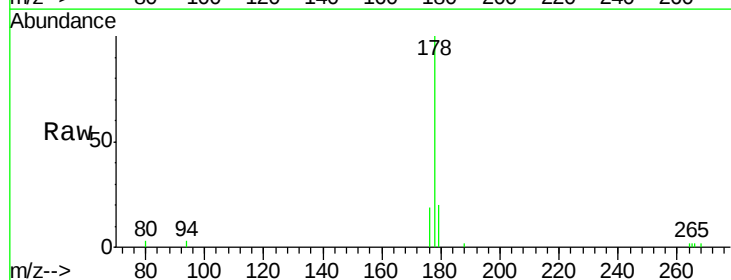
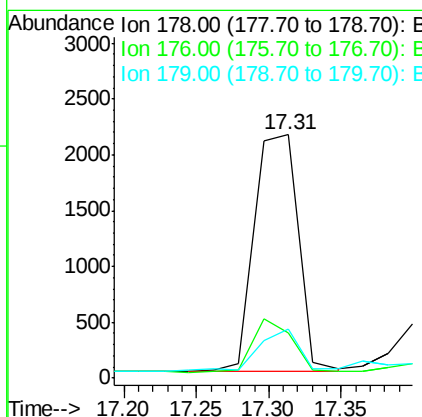
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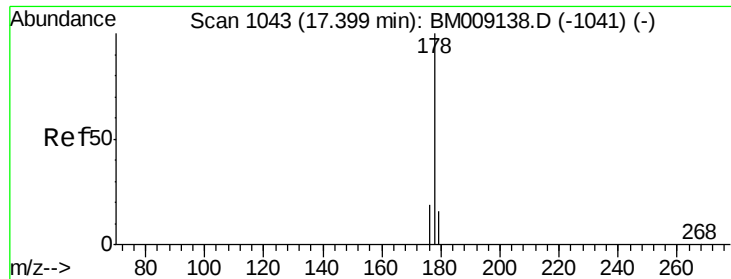
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#12
Phenanthrene
 Concen: 1.60 ng/ul
 RT: 17.31 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BM009144.D
 Acq: 09 Mar 2017 14:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	18.4	27.6
179	20.2	13.6	20.4





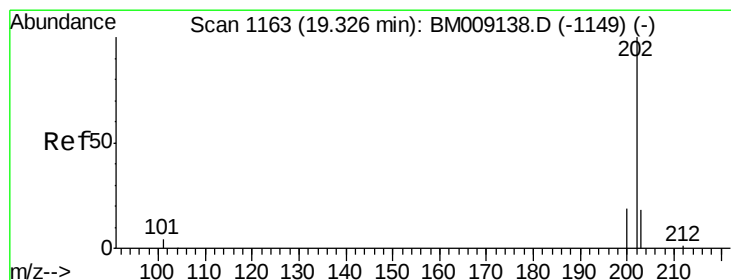
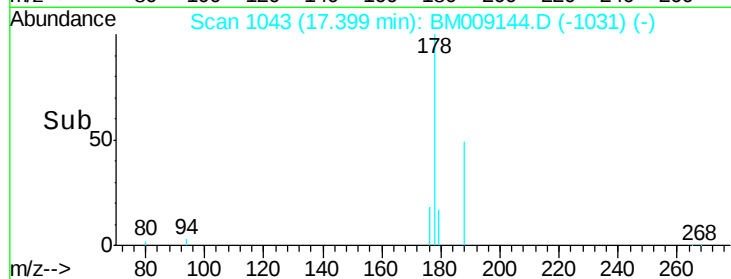
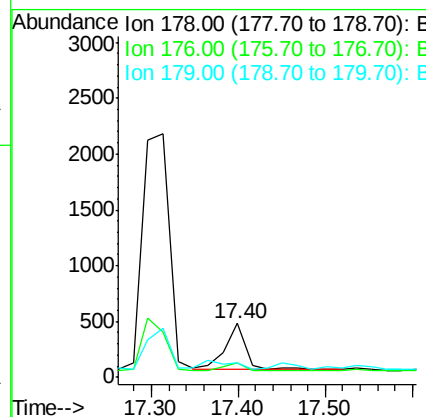
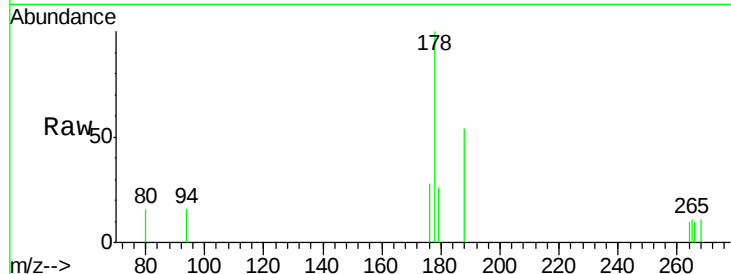
#13
 Anthracene
 Concen: 0.24 ng/ul
 RT: 17.40 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BM009144.D
 Acq: 09 Mar 2017 14:21

Instrument :
 BNA_M
 ClientSampled :
 C0AK6

Tgt Ion	Ratio	Lower	Upper
178	100		
176	27.7	18.1	27.1#
179	26.4	14.7	22.1#

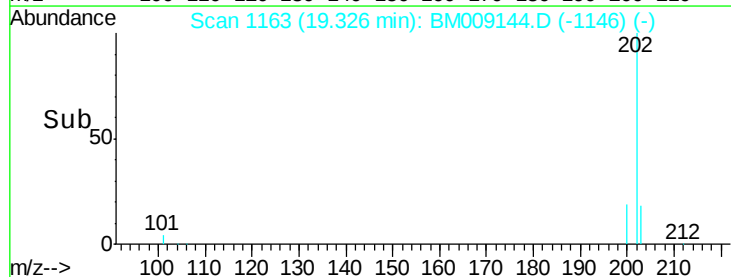
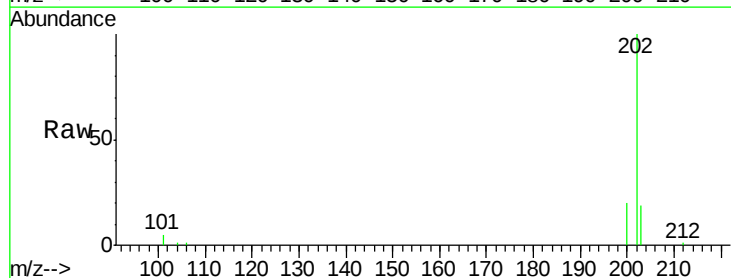
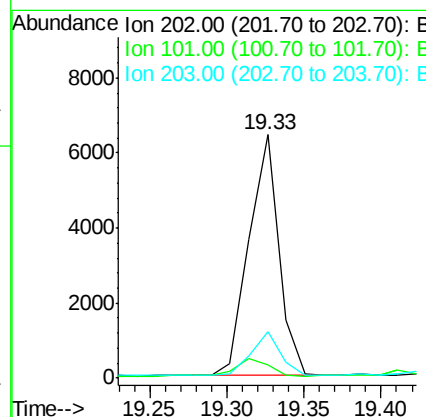
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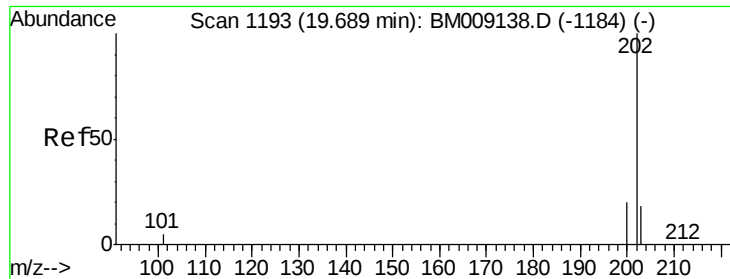
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#15
 Fluoranthene
 Concen: 2.38 ng/ul
 RT: 19.33 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BM009144.D
 Acq: 09 Mar 2017 14:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.2	0.0	30.3
203	18.9	0.0	39.5





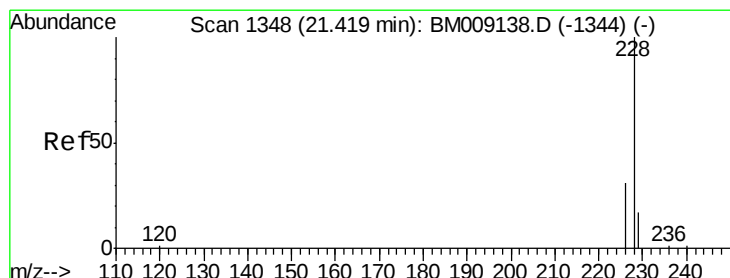
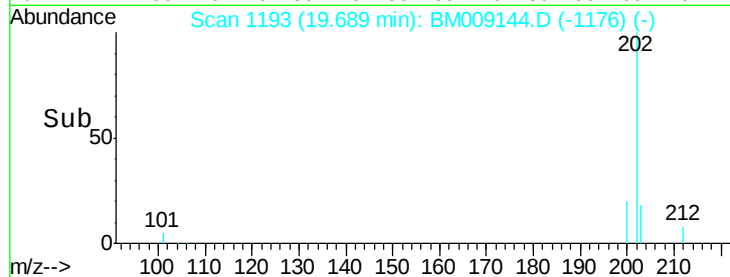
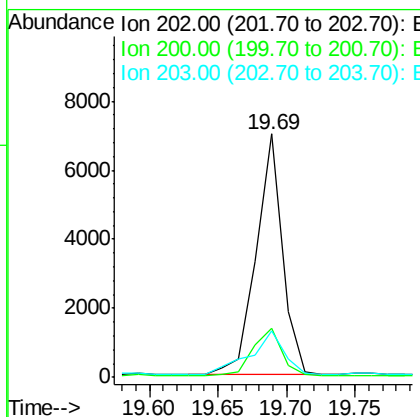
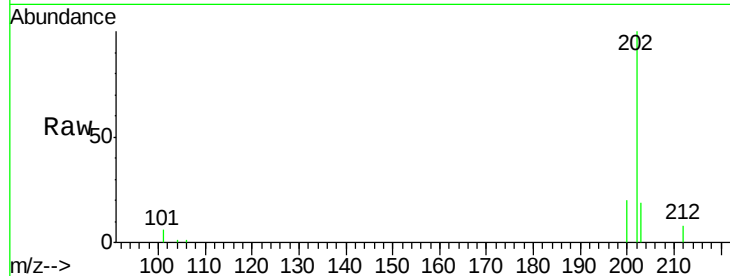
#17
 Pyrene
 Concen: 2.45 ng/ul
 RT: 19.69 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BM009144.D
 Acq: 09 Mar 2017 14:21

Instrument :
 BNA_M
 ClientSampleId :
 C0AK6

Tgt Ion:	202	Resp:	9359
Ion Ratio	Lower	Upper	
202	100		
200	20.3	18.2	27.4
203	18.9	15.6	23.4

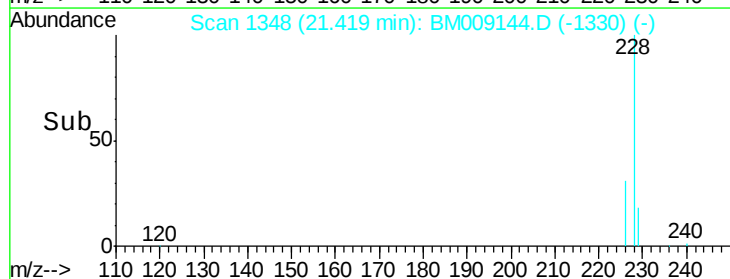
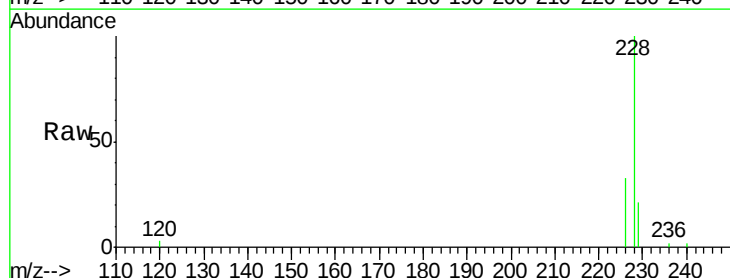
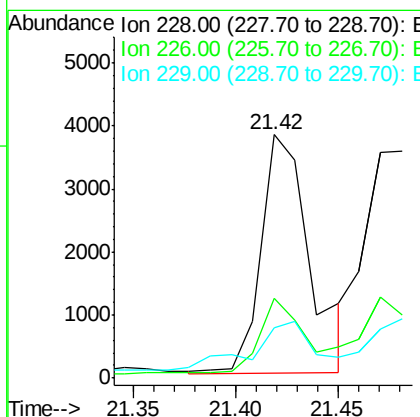
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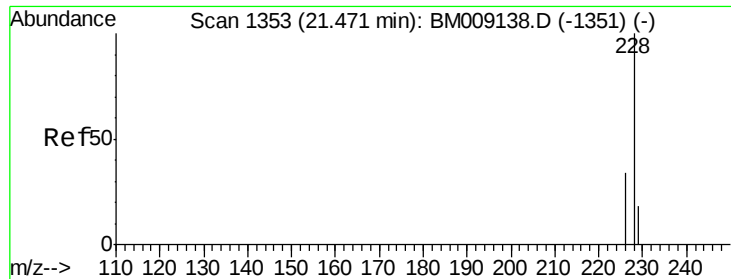
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#18
 Benzo(a)anthracene
 Concen: 1.72 ng/ul
 RT: 21.42 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BM009144.D
 Acq: 09 Mar 2017 14:21

Tgt Ion:	228	Resp:	6333
Ion Ratio	Lower	Upper	
228	100		
226	32.6	22.8	34.2
229	20.6	17.0	25.6





#19

Chrysene

Concen: 1.68 ng/ul

RT: 21.48 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BM009144.D

Acq: 09 Mar 2017 14:21

Instrument :

BNA_M

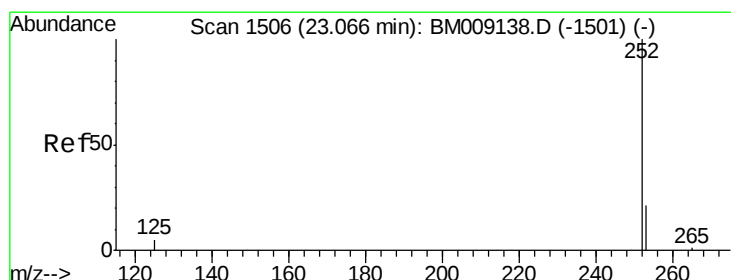
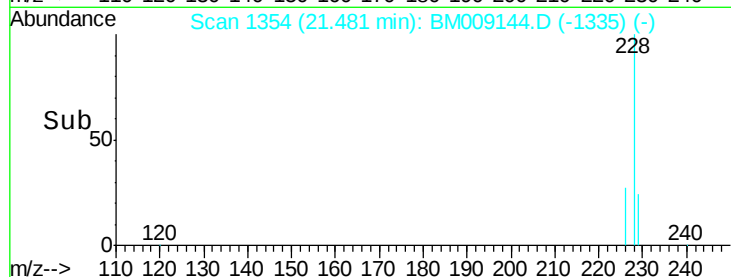
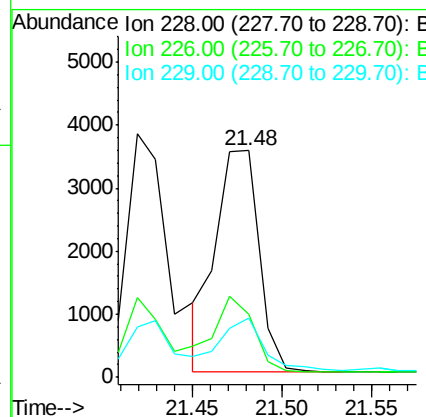
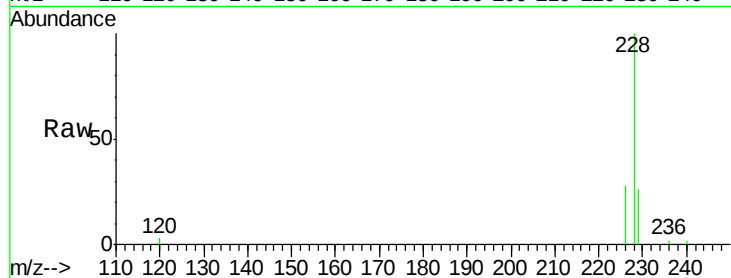
ClientSampleId :

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Tgt Ion:	228	Resp:	5872
Ion Ratio	Lower	Upper	
228	100		
226	28.0	23.4	35.0
229	25.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.84 ng/ul m

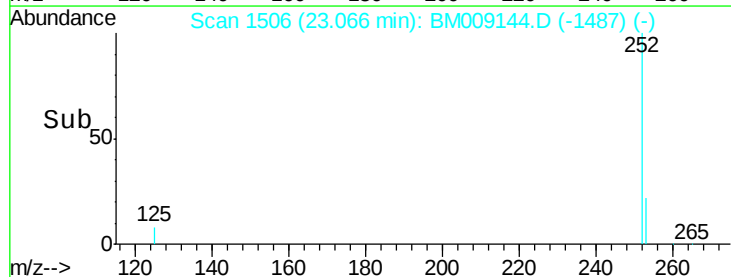
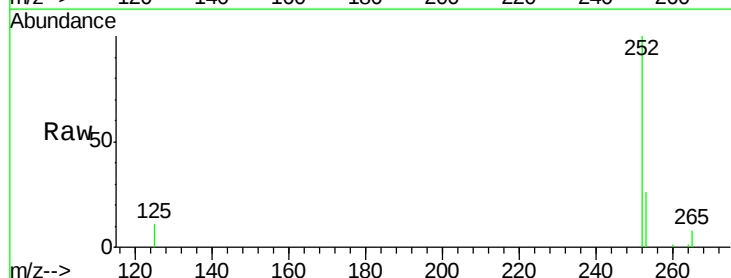
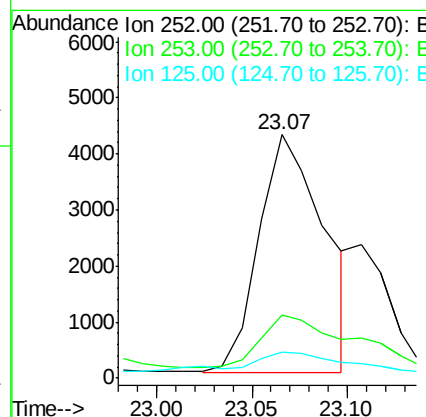
RT: 23.07 min Scan# 1506

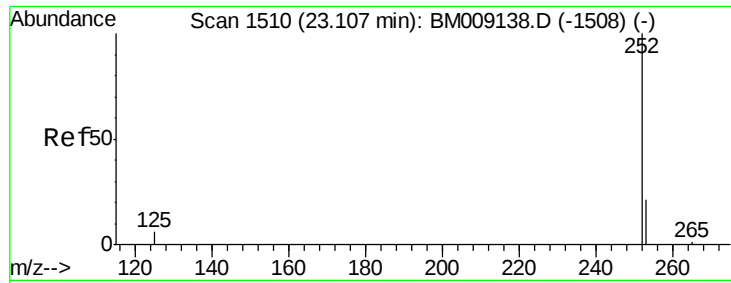
Delta R.T. -0.00 min

Lab File: BM009144.D

Acq: 09 Mar 2017 14:21

Tgt Ion:	252	Resp:	10188
Ion Ratio	Lower	Upper	
252	100		
253	25.7	0.0	64.2
125	10.7	0.0	35.0





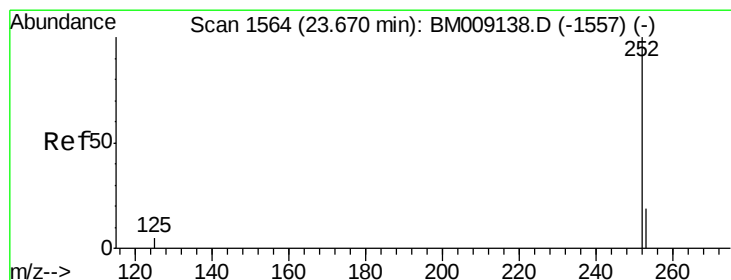
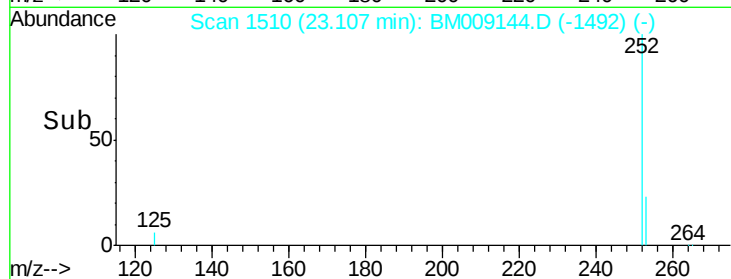
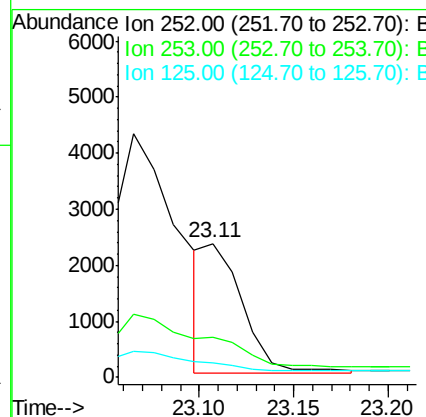
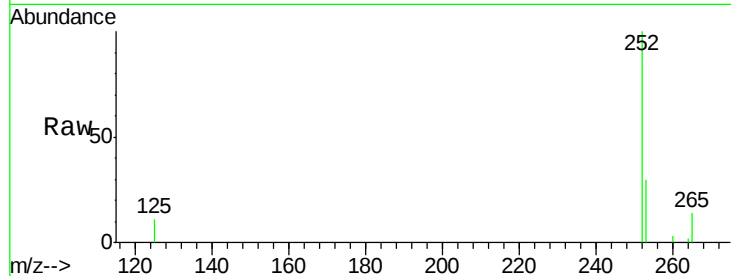
#22
Benzo(k)fluoranthene
Concen: 1.03 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BM009144.D
Acq: 09 Mar 2017 14:21

Instrument :
BNA_M
ClientSampled :
C0AK6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.5	24.5	36.7
125	10.9	13.7	20.5

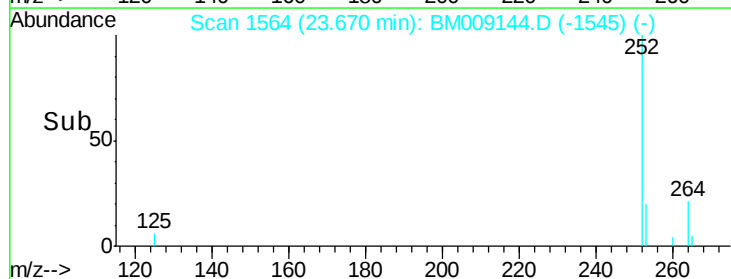
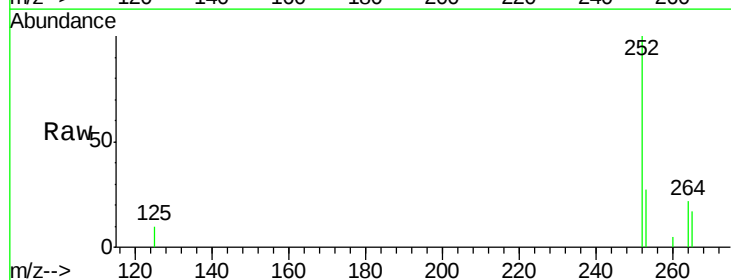
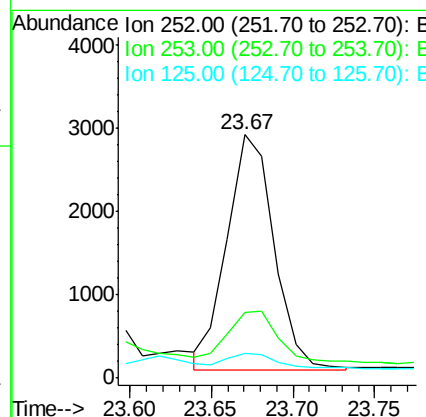
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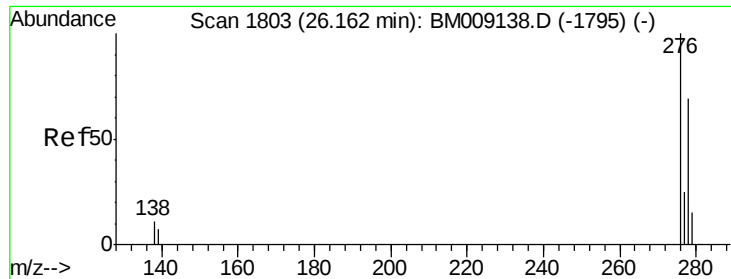
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#23
Benzo(a)pyrene
Concen: 1.75 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM009144.D
Acq: 09 Mar 2017 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	28.5	42.7
125	10.2	18.1	27.1





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.01 ng/ul m

RT: 26.15 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BM009144.D

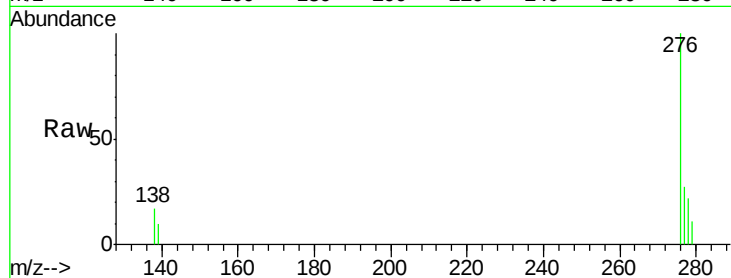
Acq: 09 Mar 2017 14:21

Instrument :

BNA_M

ClientSampleId :

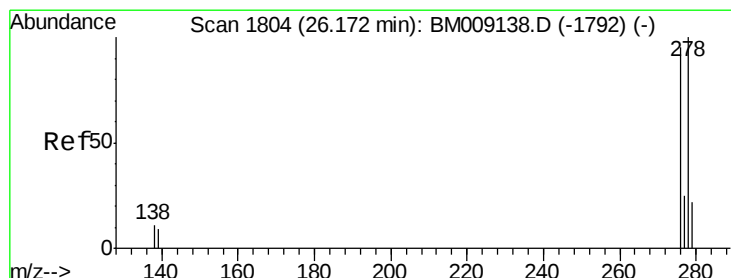
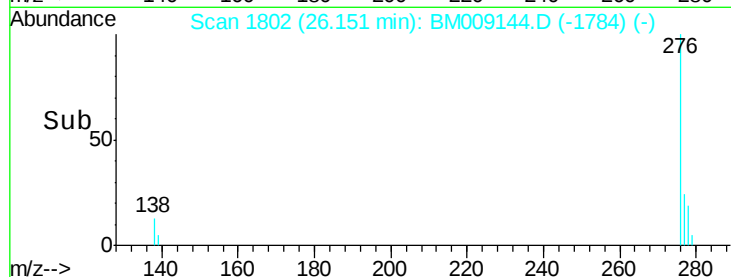
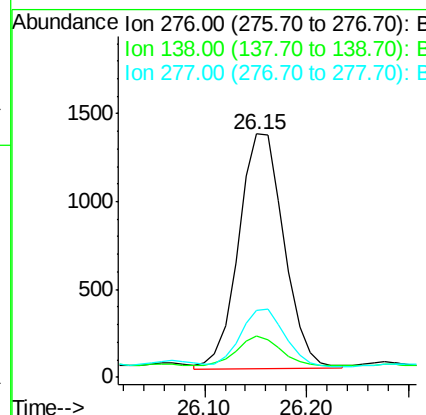
C0AK6



Tgt Ion:	276	Resp:	4133
Ion Ratio	Lower	Upper	
276	100		
138	0.0	19.1	28.7#
277	1.0	19.6	29.4#

Manual Integrations
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mohammad
3/10/2017 6:00:56 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.34 ng/ul m

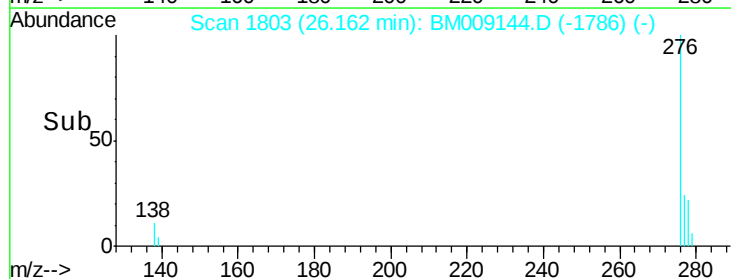
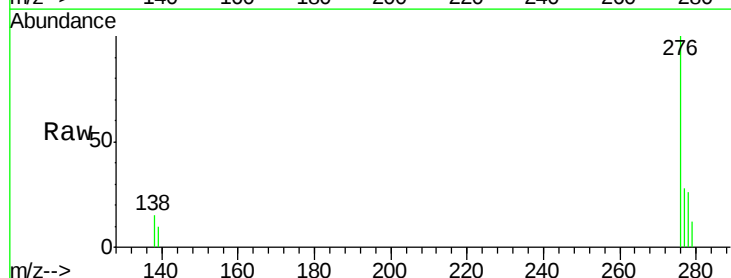
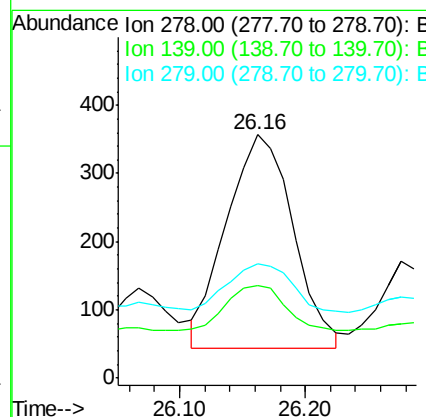
RT: 26.16 min Scan# 1803

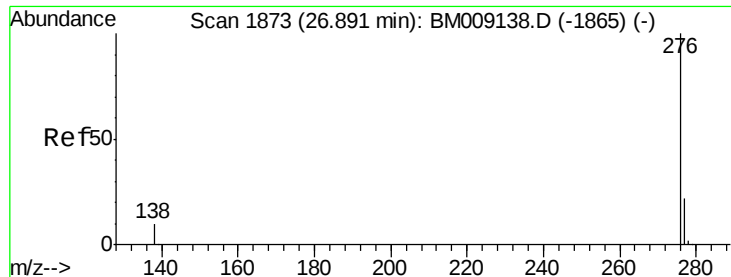
Delta R.T. -0.02 min

Lab File: BM009144.D

Acq: 09 Mar 2017 14:21

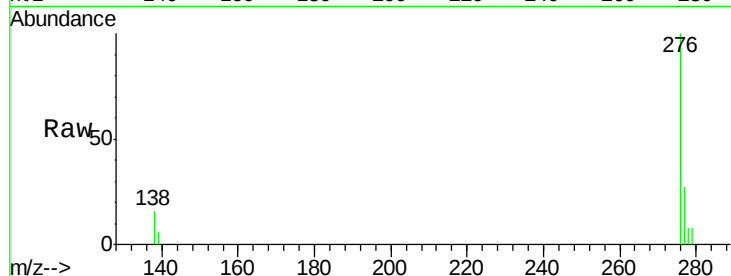
Tgt Ion:	278	Resp:	1157
Ion Ratio	Lower	Upper	
278	100		
139	37.8	17.4	26.0#
279	46.8	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 1.04 ng/ul m
 RT: 26.89 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BM009144.D
 Acq: 09 Mar 2017 14:21

Instrument :
 BNA_M
 ClientSampleId :
 C0AK6



Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.3	21.8	32.8
138	15.6	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 3/10/2017 6:00:56 PM

