

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Manual Integrations
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mohammad
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 05:54:01 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 02:23:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	822	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	500	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1135m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1221m	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1245m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	315	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	866	0.24	ng/ul	0.00
Target Compounds						
						Qvalue
3) Naphthalene	10.73	128	693	0.29	ng/ul#	85
5) 2-Methylnaphthalene	12.34	142	1068	0.63	ng/ul	100
7) Acenaphthylene	14.23	152	311	0.12	ng/ul#	57
8) Acenaphthene	14.57	153	745	0.37	ng/ul	93
9) Fluorene	15.56	166	487m	0.21	ng/ul	
12) Phenanthrene	17.30	178	21423m	6.01	ng/ul	
13) Anthracene	17.40	178	2942	0.84	ng/ul	94
15) Fluoranthene	19.33	202	46774	10.06	ng/ul	93
17) Pyrene	19.69	202	42562m	10.14	ng/ul	
18) Benzo(a)anthracene	21.42	228	29460m	7.26	ng/ul	
19) Chrysene	21.47	228	32975m	8.57	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	34371m	7.03	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	9048m	2.09	ng/ul	
23) Benzo(a)pyrene	23.67	252	17798m	4.04	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	11401m	2.04	ng/ul	
25) Dibenzo(a,h)anthracene	26.16	278	4366m	0.93	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	9447m	1.98	ng/ul	

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

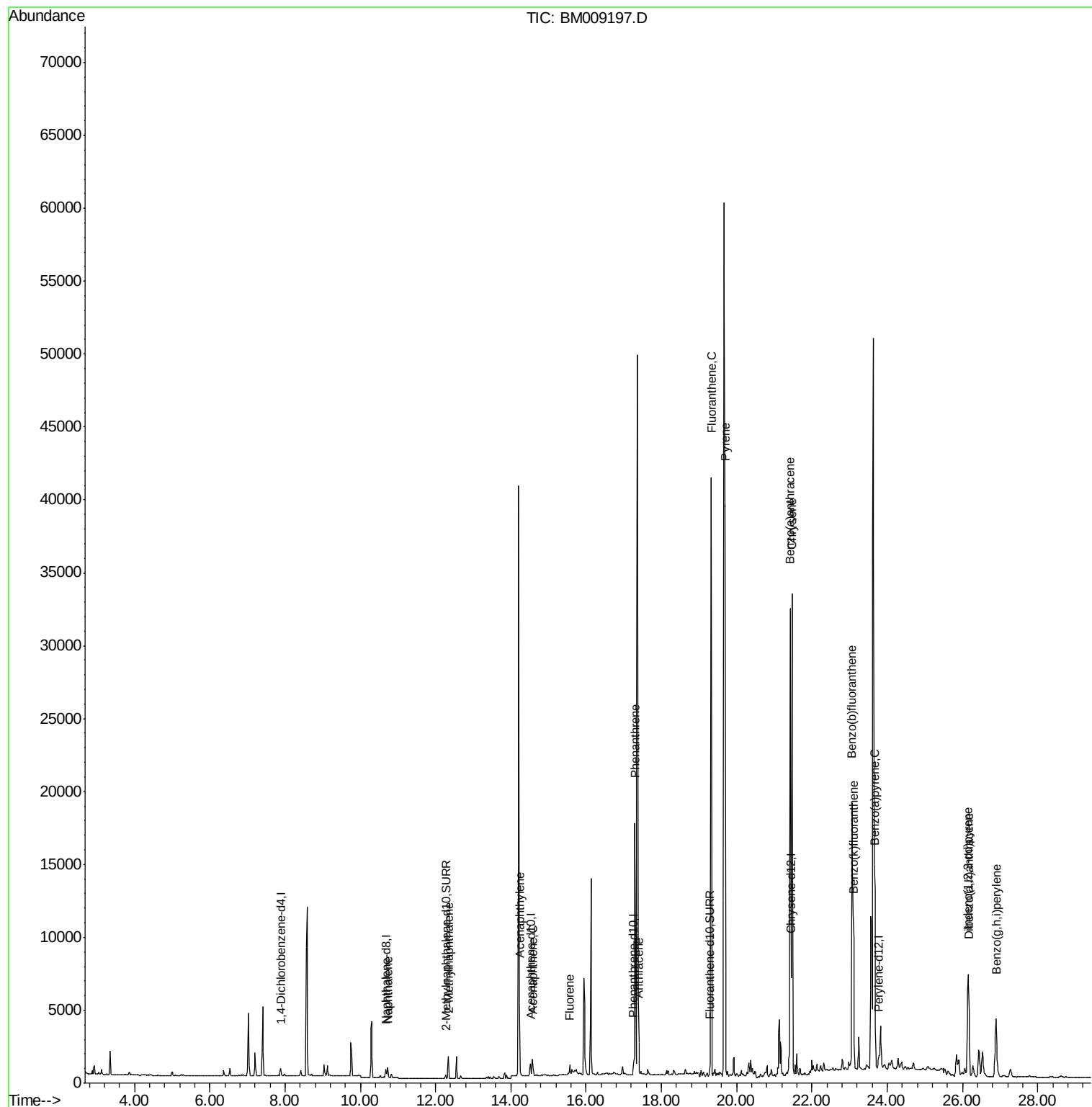
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
Data File : BM009197.D
Acq On : 11 Mar 2017 04:18
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ALS Vial : 30 Sample Multiplier: 1

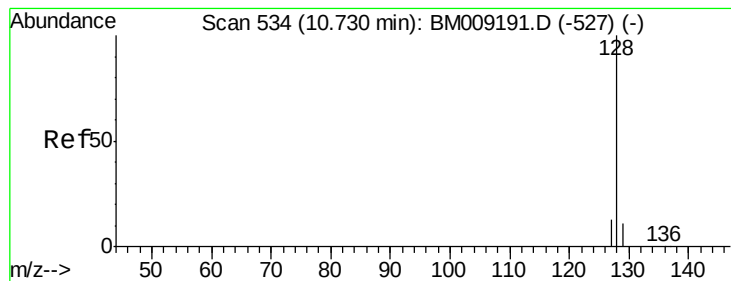
Instrument :
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#3

Naphthalene

Concen: 0.29 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009197.D

Acq: 11 Mar 2017 04:18

Instrument :

BNA_M

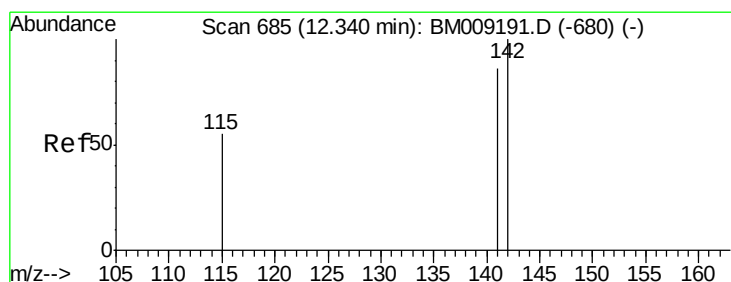
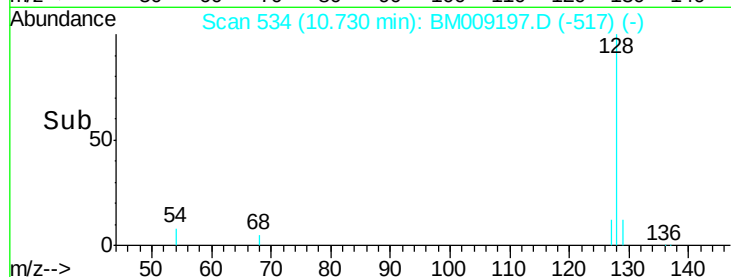
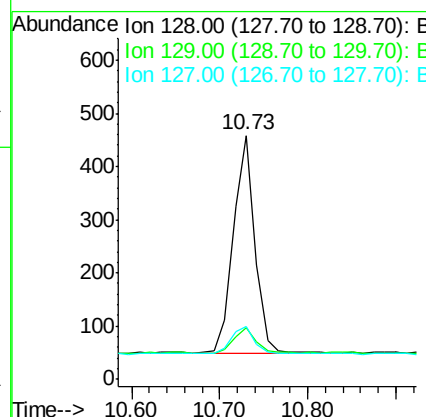
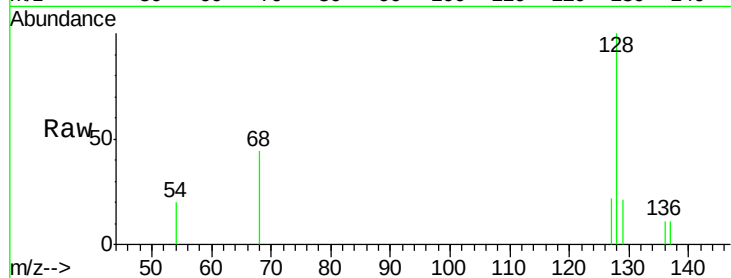
ClientSampleId :

C0AK2

Tgt Ion:	128	Resp:	693
Ion Ratio	Lower	Upper	
128	100		
129	21.2	11.3	16.9#
127	21.6	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.63 ng/ul

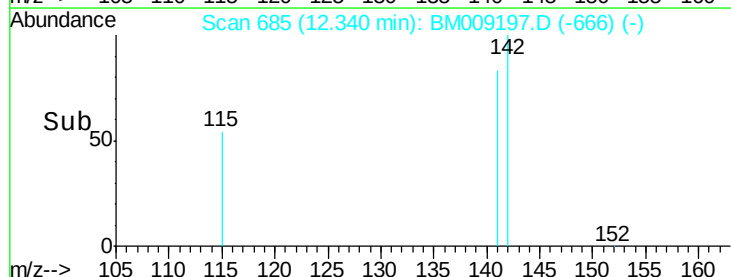
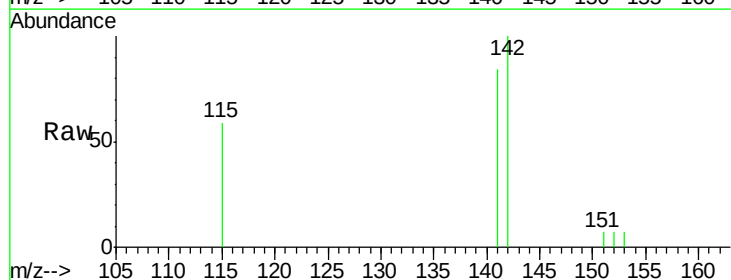
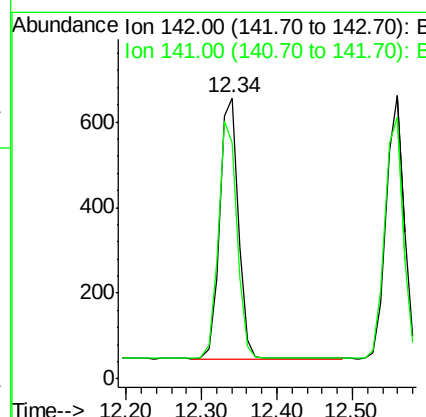
RT: 12.34 min Scan# 685

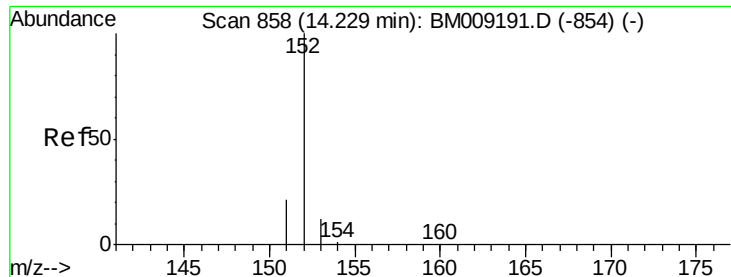
Delta R.T. -0.00 min

Lab File: BM009197.D

Acq: 11 Mar 2017 04:18

Tgt Ion:	142	Resp:	1068
Ion Ratio	Lower	Upper	
142	100		
141	90.3	72.6	108.8





#7

Acenaphthylene

Concen: 0.12 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM009197.D

Acq: 11 Mar 2017 04:18

Instrument :

BNA_M

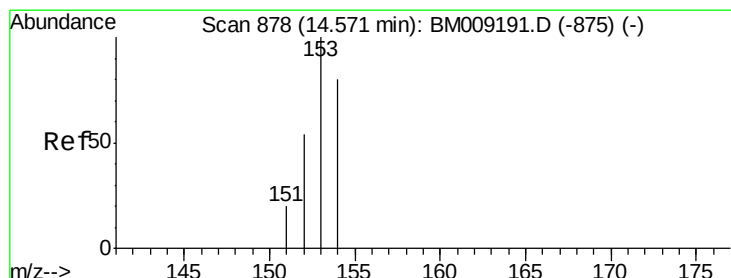
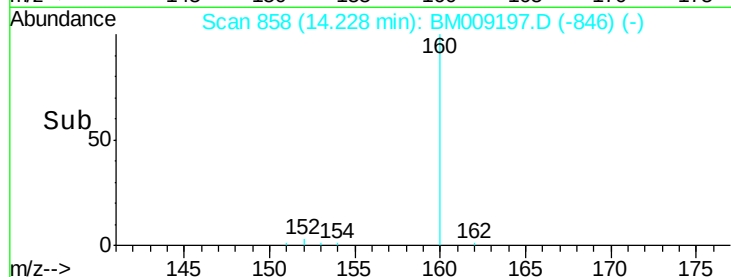
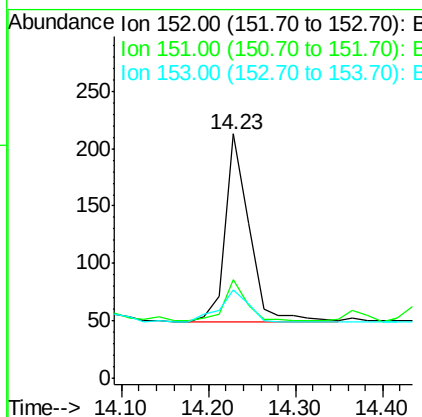
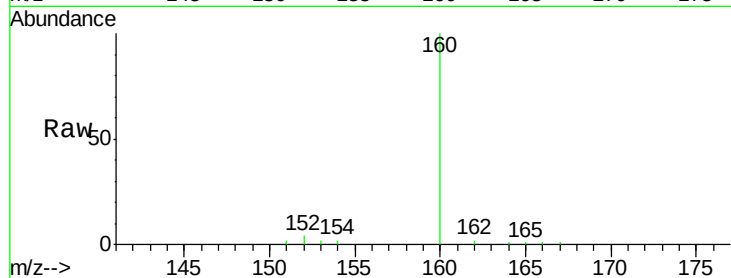
ClientSampled :

C0AK2

Tgt Ion:	152	Resp:	311
Ion Ratio	Lower	Upper	
152	100		
151	40.4	17.1	25.7#
153	36.2	12.8	19.2#

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#8

Acenaphthene

Concen: 0.37 ng/ul

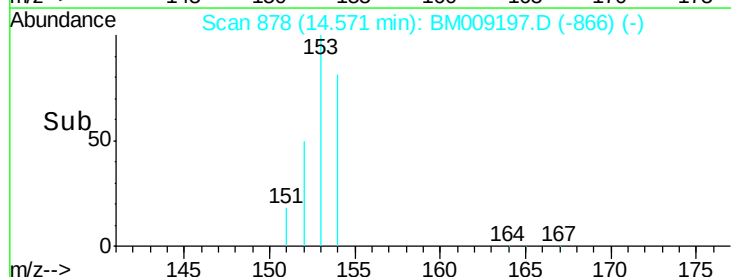
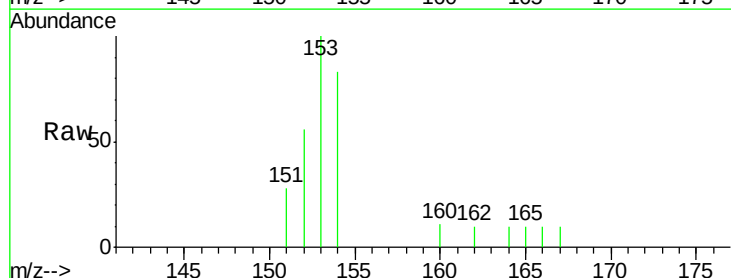
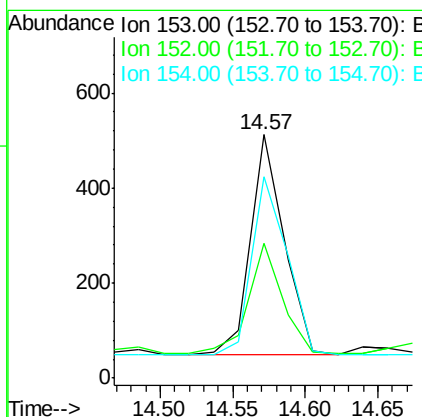
RT: 14.57 min Scan# 878

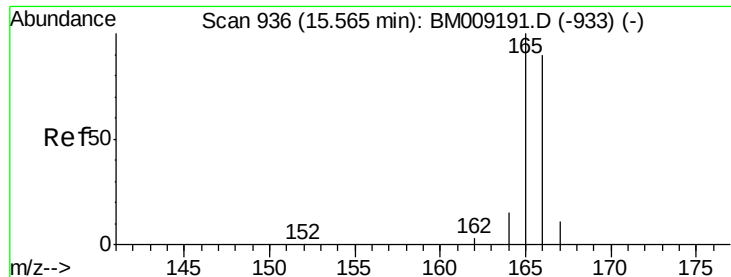
Delta R.T. -0.00 min

Lab File: BM009197.D

Acq: 11 Mar 2017 04:18

Tgt Ion:	153	Resp:	745
Ion Ratio	Lower	Upper	
153	100		
152	55.7	40.3	60.5
154	82.6	71.4	107.2





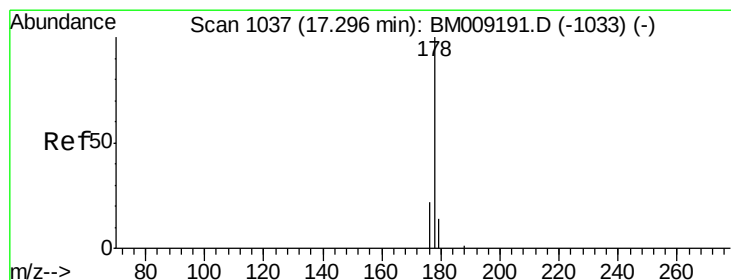
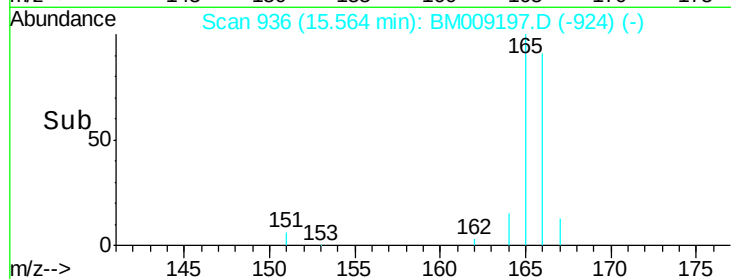
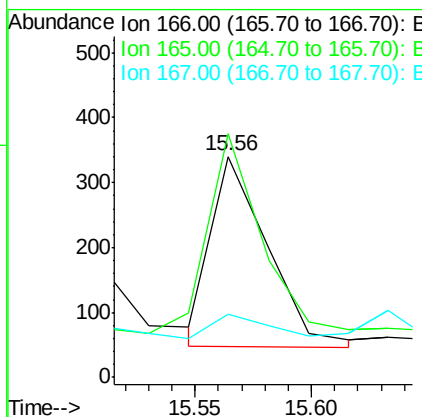
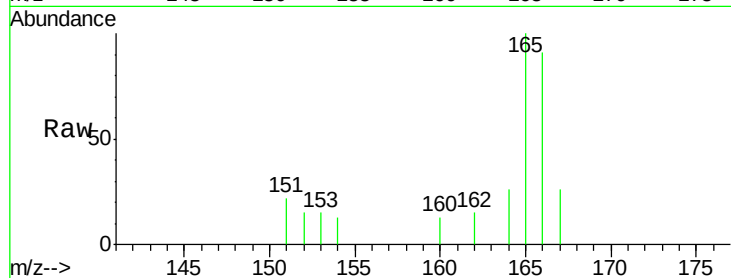
#9
Fluorene
 Concen: 0.21 ng/ul m
 RT: 15.56 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Instrument :
 BNA_M
 ClientSampleID :
 C0AK2

Tgt Ion	Ratio	Lower	Upper
166	100		
165	110.3	73.4	110.2#
167	28.5	14.6	22.0#

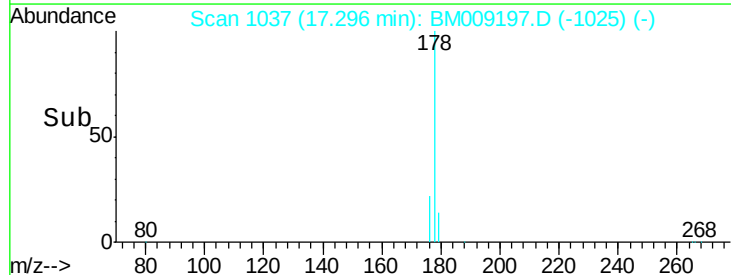
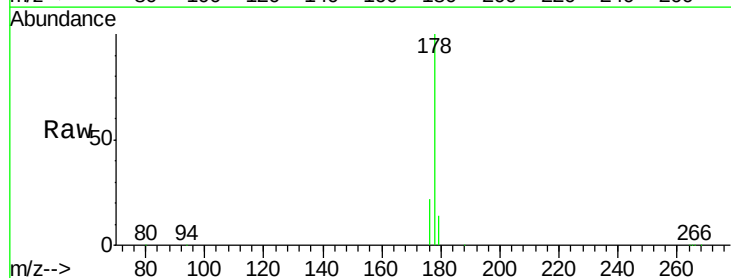
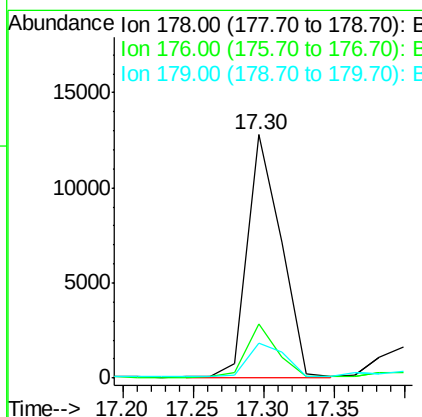
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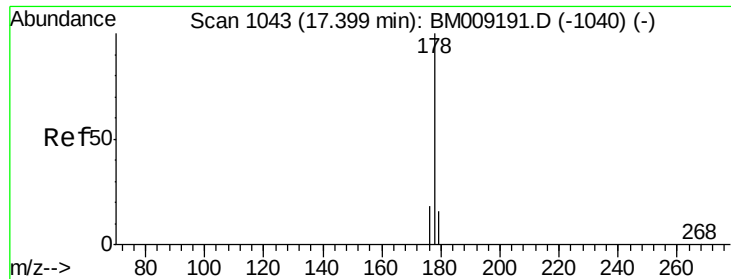
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#12
Phenanthrene
 Concen: 6.01 ng/ul m
 RT: 17.30 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.1	18.4	27.6
179	14.4	13.6	20.4





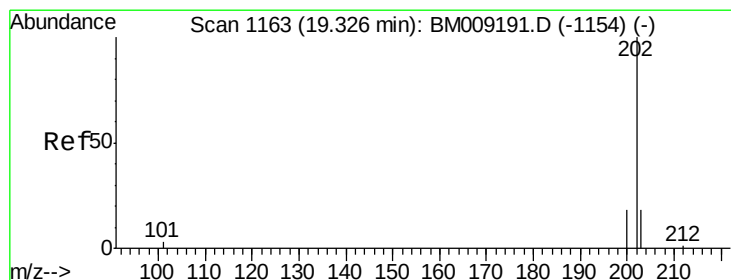
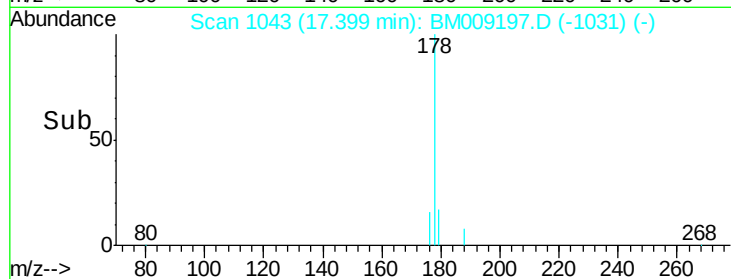
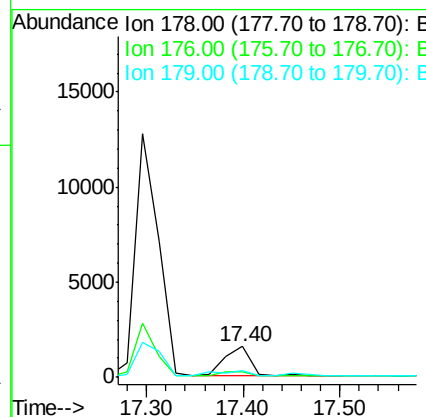
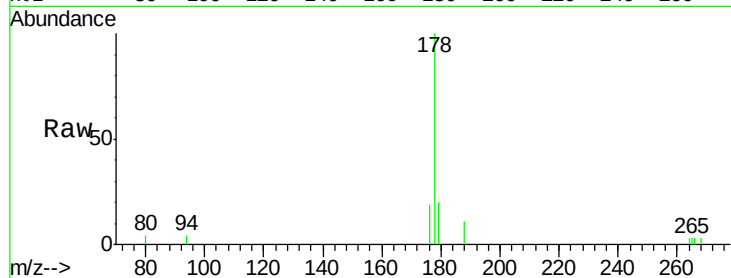
#13
 Anthracene
 Concen: 0.84 ng/ul
 RT: 17.40 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	18.1	27.1
179	20.0	14.7	22.1

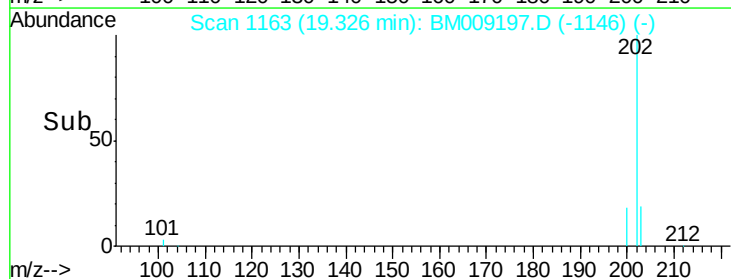
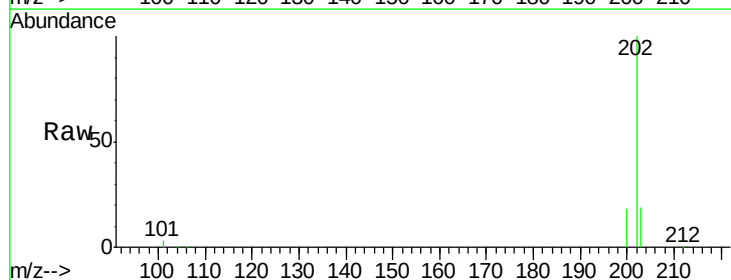
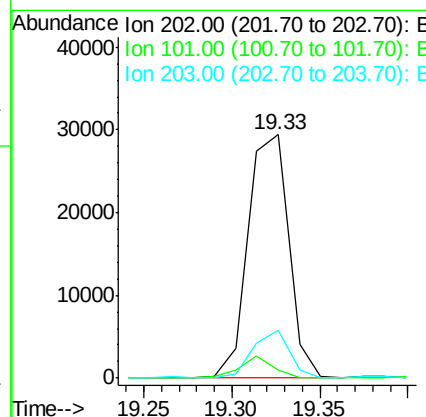
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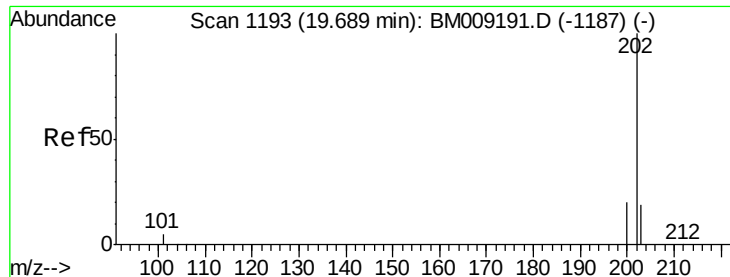
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#15
 Fluoranthene
 Concen: 10.06 ng/ul
 RT: 19.33 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.2	0.0	30.3
203	19.4	0.0	39.5





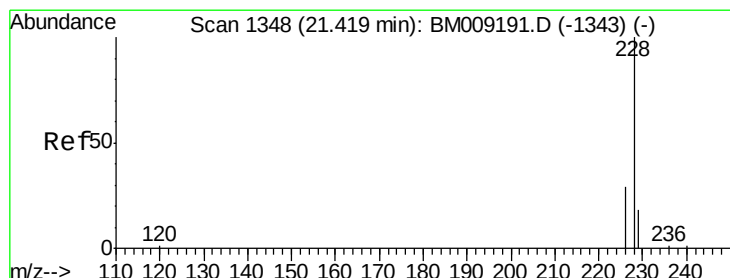
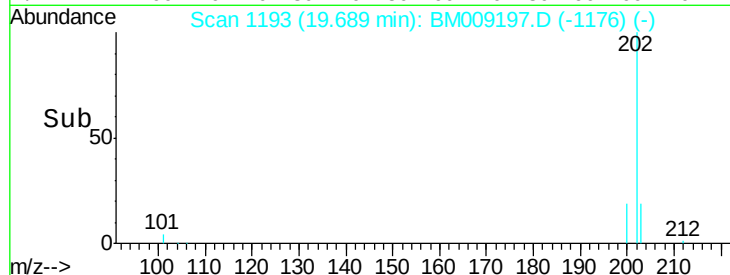
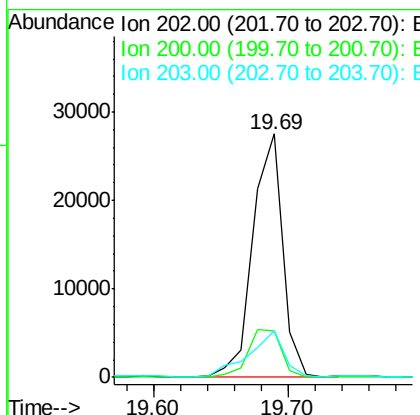
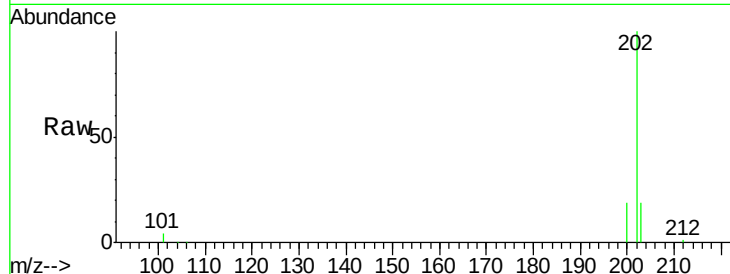
#17
 Pyrene
 Concen: 10.14 ng/ul m
 RT: 19.69 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Tgt Ion:	202	Resp:	42562
Ion Ratio	Lower	Upper	
202	100		
200	19.1	18.2	27.4
203	19.1	15.6	23.4

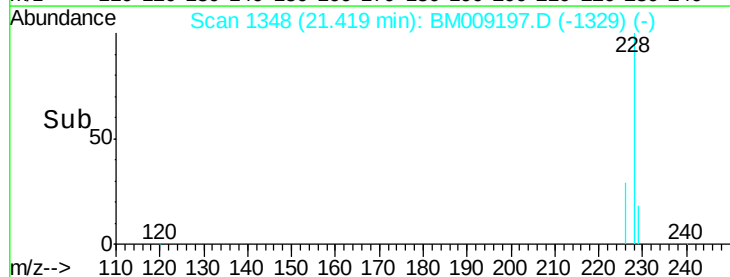
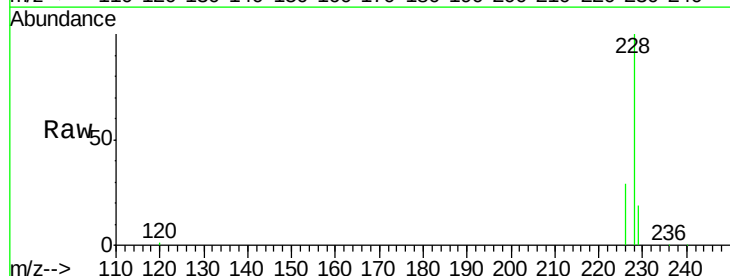
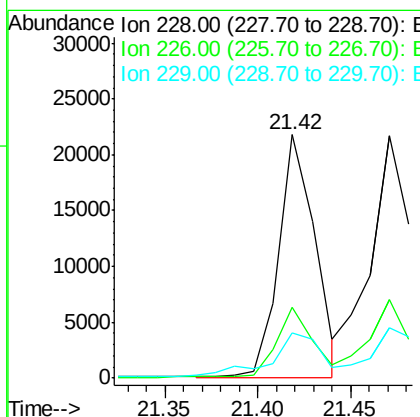
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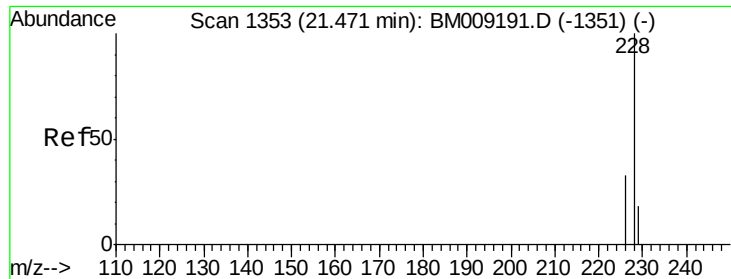
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#18
 Benzo(a)anthracene
 Concen: 7.26 ng/ul m
 RT: 21.42 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Tgt Ion:	228	Resp:	29460
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.8	34.2
229	18.7	17.0	25.6





#19

Chrysene

Concen: 8.57 ng/ul m

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009197.D

Acq: 11 Mar 2017 04:18

Instrument :

BNA_M

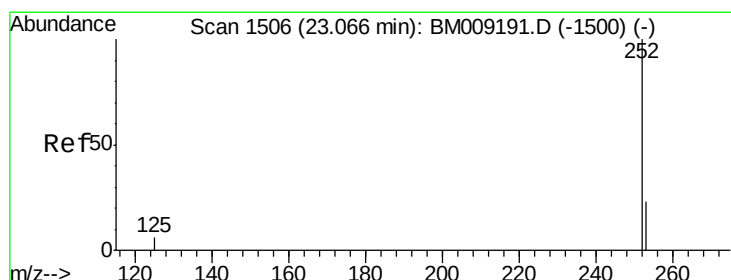
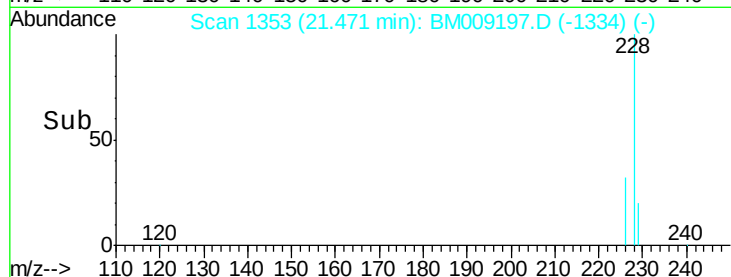
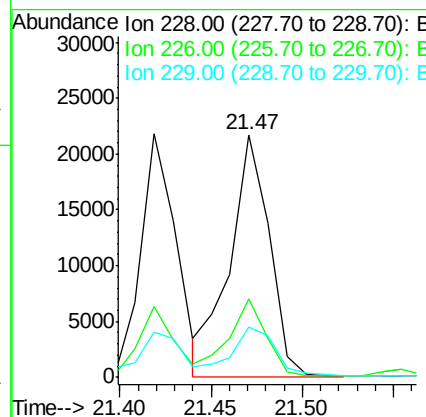
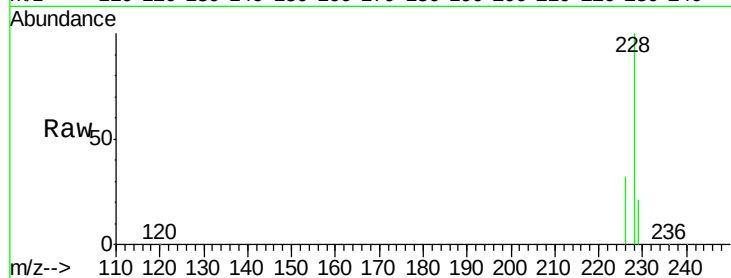
ClientSampled :

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Tgt Ion:	228	Resp:	32975
Ion Ratio	Lower	Upper	
228	100		
226	32.4	23.4	35.0
229	20.7	17.7	26.5

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 7.03 ng/ul m

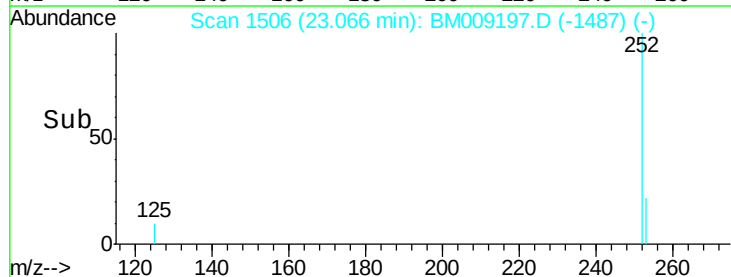
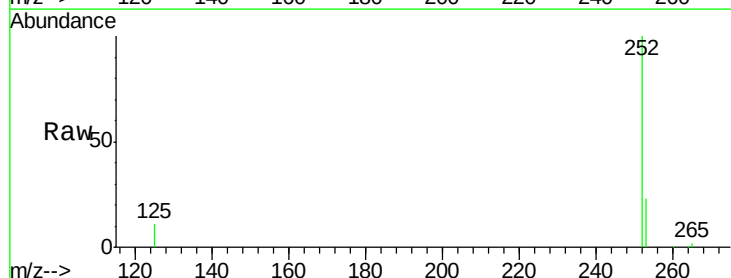
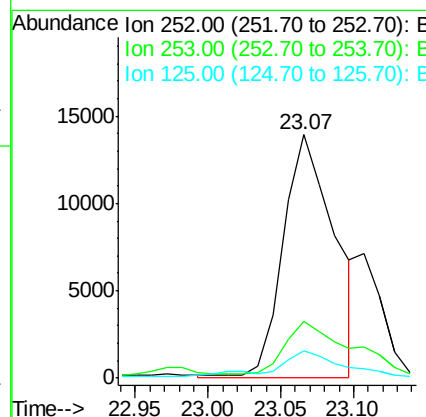
RT: 23.07 min Scan# 1506

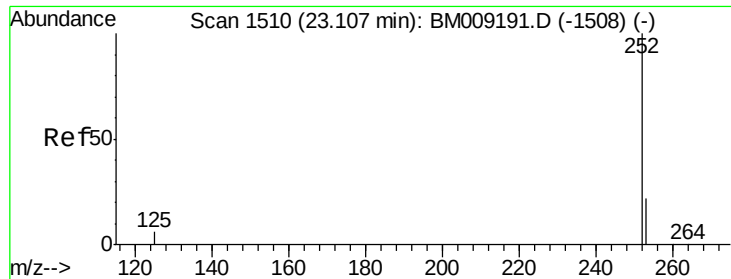
Delta R.T. -0.00 min

Lab File: BM009197.D

Acq: 11 Mar 2017 04:18

Tgt Ion:	252	Resp:	34371
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	64.2
125	11.1	0.0	35.0





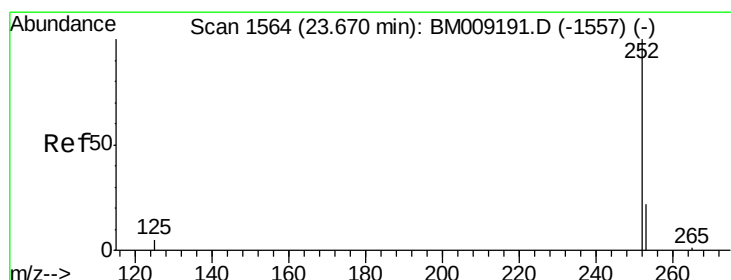
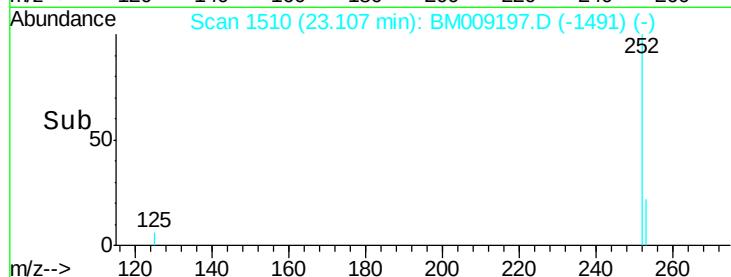
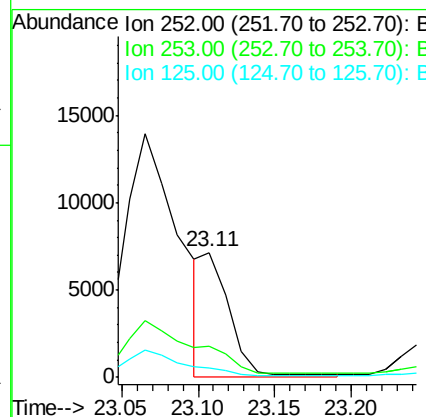
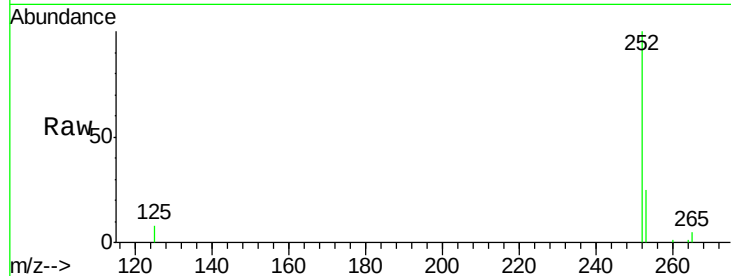
#22
Benzo(k)fluoranthene
Concen: 2.09 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BM009197.D
Acq: 11 Mar 2017 04:18

Instrument :
BNA_M
ClientSampleId :
C0AK2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	24.5	36.7
125	7.6	13.7	20.5#

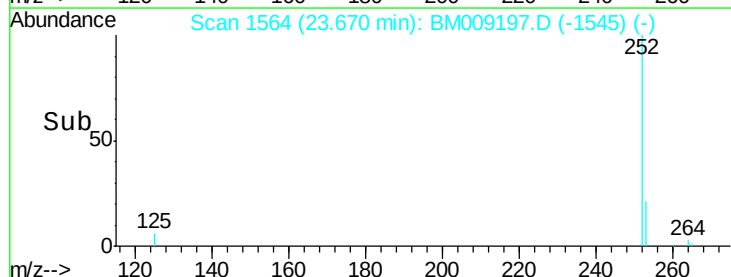
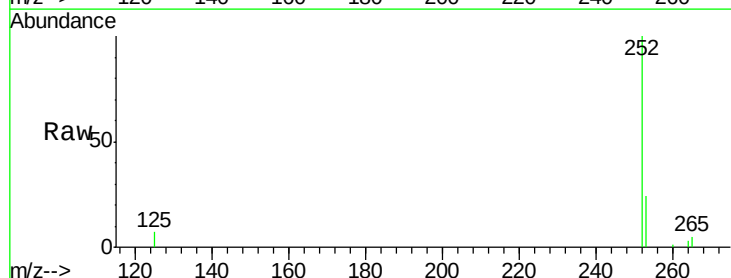
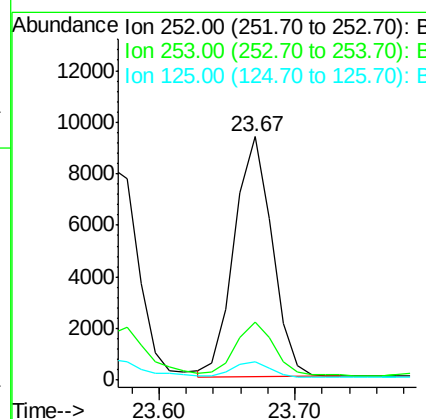
Manual Integrations
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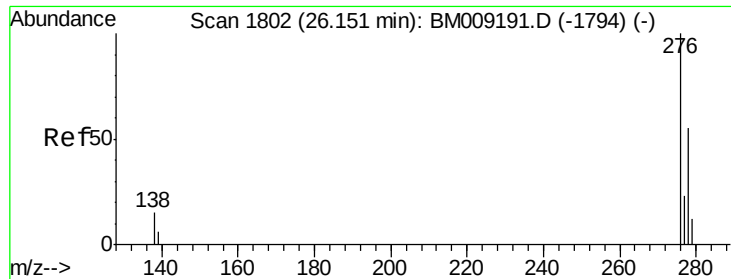
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#23
Benzo(a)pyrene
Concen: 4.04 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM009197.D
Acq: 11 Mar 2017 04:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	28.5	42.7#
125	7.5	18.1	27.1#





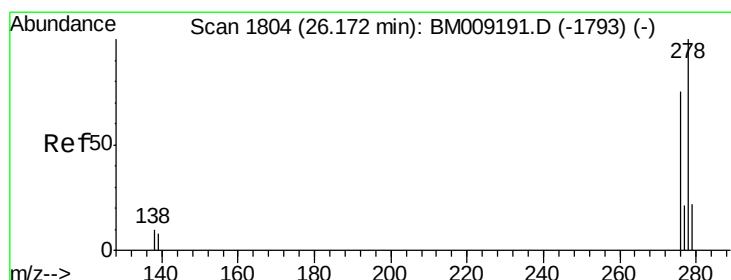
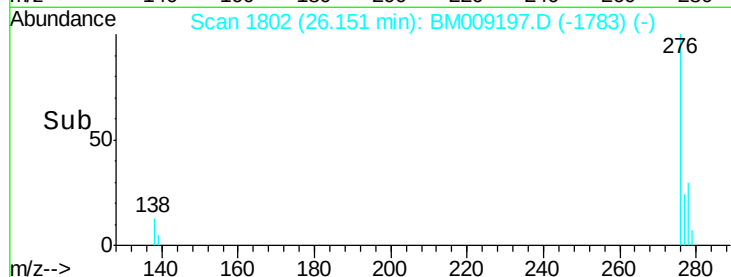
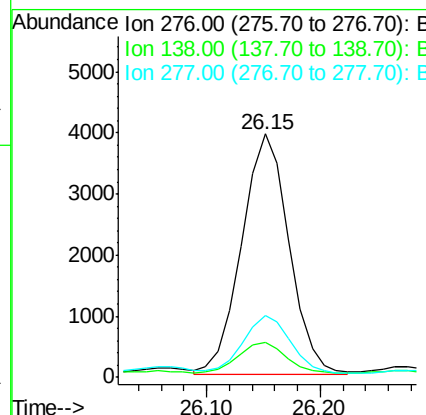
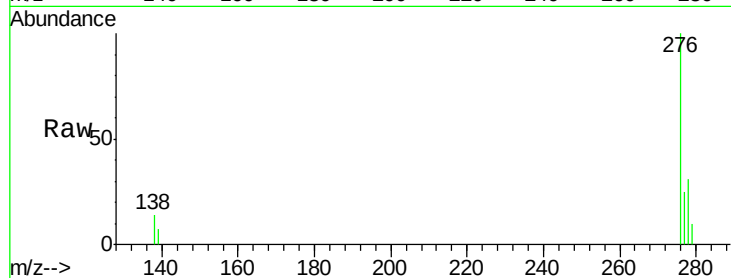
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.04 ng/ul m
 RT: 26.15 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	11401		
138	2.1	19.1	28.7#	
277	2.8	19.6	29.4#	

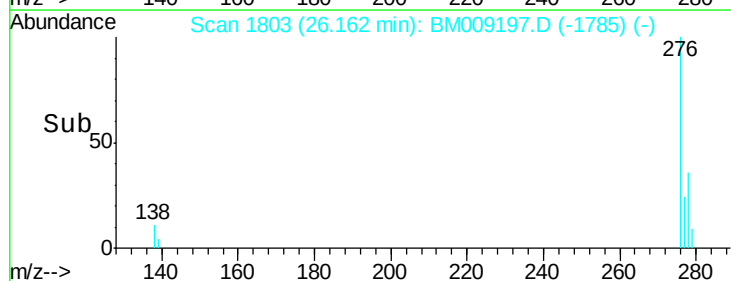
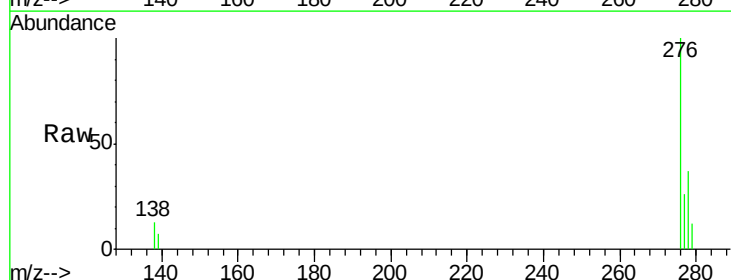
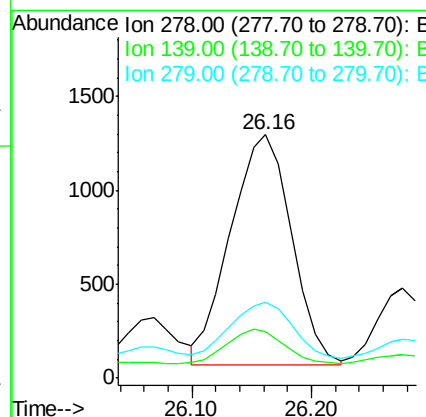
Manual Integrations
 APPROVED

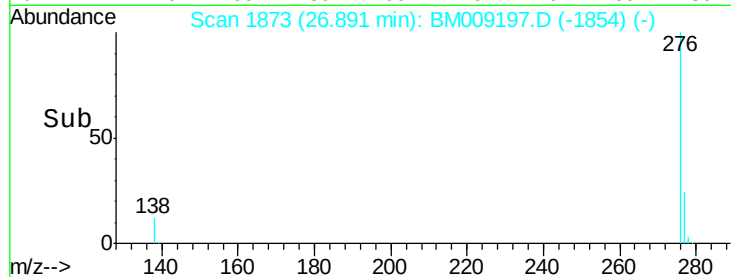
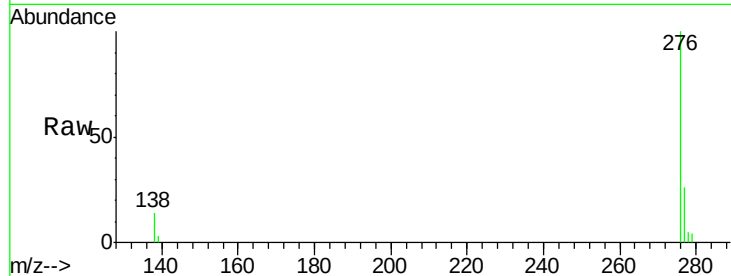
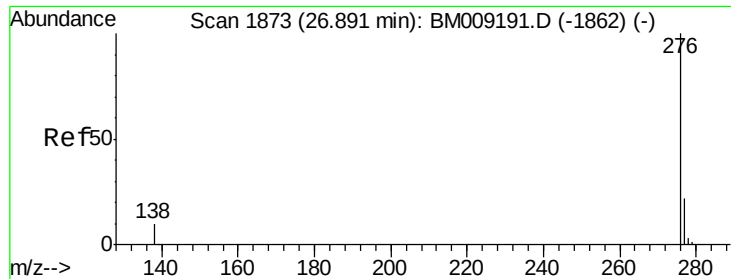
mohammad
 3/13/2017 2:14:53 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.93 ng/ul m
 RT: 26.16 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	4366		
139	19.0	17.4	26.0	
279	31.2	25.9	38.9	





#26
 Benzo(g,h,i)perylene
 Concen: 1.98 ng/ul m
 RT: 26.89 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	21.8	32.8
138	13.5	20.5	30.7

Manual Integrations
 APPROVED

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