

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
 Data File : BM009157.D
 Acq On : 09 Mar 2017 22:09
 Operator : SJ/MA
 Sample : I2062-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Manual Integrations
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Quant Time: Mar 10 03:44:24 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 10 03:16:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	273	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	876	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	643	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1327m	0.40	ng/ul	0.00
16) Chrysene-d12	21.45	240	1740m	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1307	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	425	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	1389	0.33	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.73	128	34959	13.84	ng/ul#	93
5) 2-Methylnaphthalene	12.34	142	13998	7.71	ng/ul	100
7) Acenaphthylene	14.23	152	7340	2.19	ng/ul	96
8) Acenaphthene	14.57	153	17013	6.62	ng/ul	88
9) Fluorene	15.56	166	45539	15.16	ng/ul#	80
12) Phenanthrene	17.31	178	385753m	92.58	ng/ul	
13) Anthracene	17.40	178	93589	22.74	ng/ul#	92
15) Fluoranthene	19.33	202	392443	72.21	ng/ul	92
17) Pyrene	19.69	202	295934	49.45	ng/ul	96
18) Benzo(a)anthracene	21.43	228	166025m	28.72	ng/ul	
19) Chrysene	21.48	228	117182	21.37	ng/ul	97
21) Benzo(b)fluoranthene	23.08	252	135256m	26.34	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	51968m	11.45	ng/ul	
23) Benzo(a)pyrene	23.68	252	97293	21.06	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	26.16	276	52122	8.87	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.17	278	14774	2.99	ng/ul#	86
26) Benzo(g,h,i)perylene	26.90	276	39821	7.95	ng/ul#	85

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

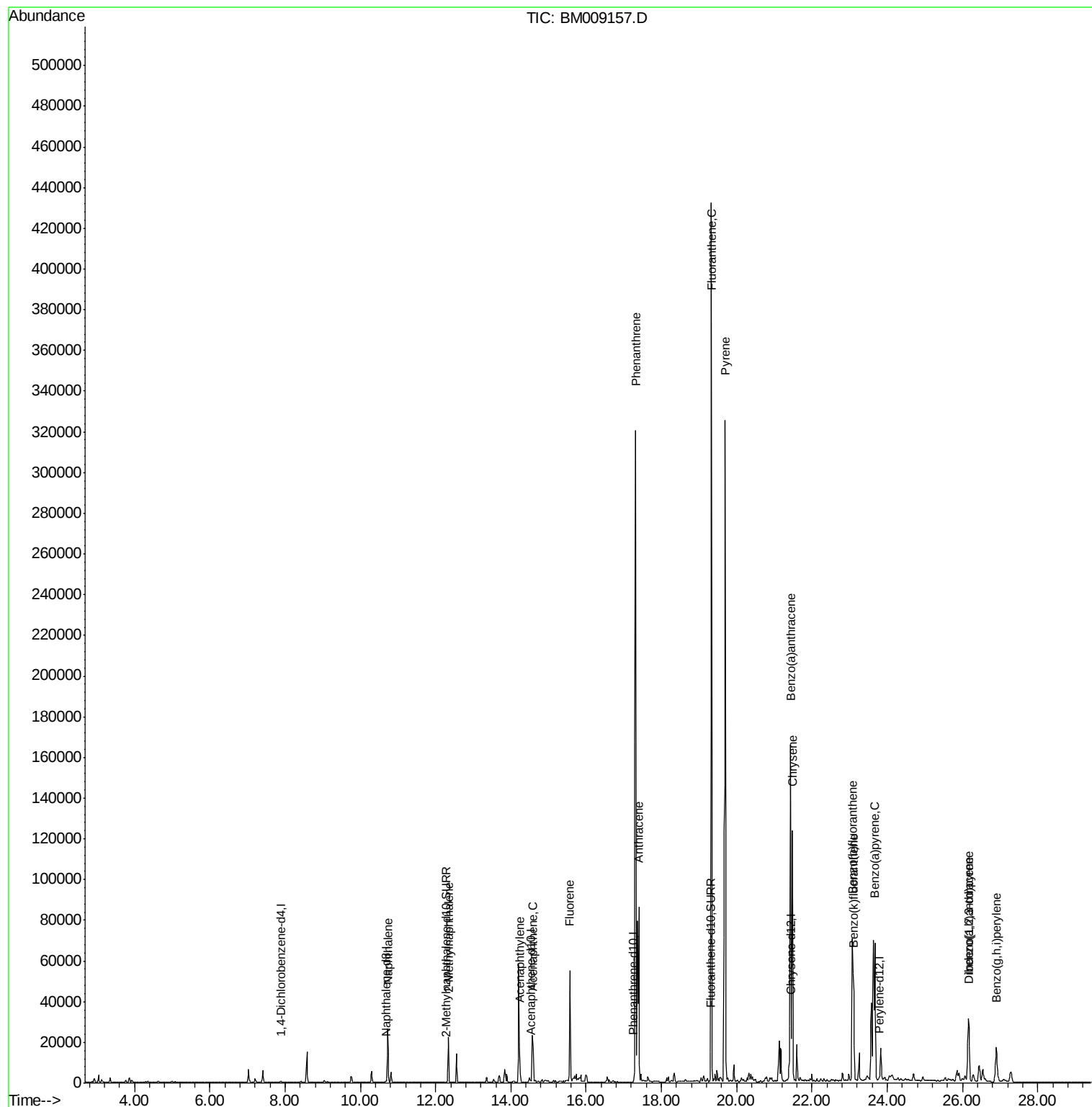
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
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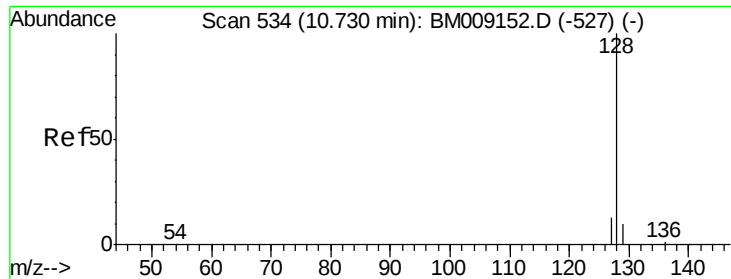
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#3

Naphthalene

Concen: 13.84 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

Instrument :

BNA_M

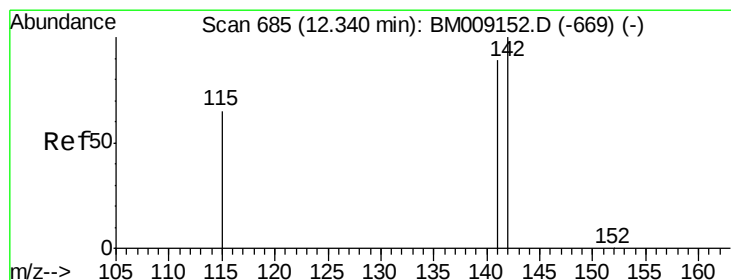
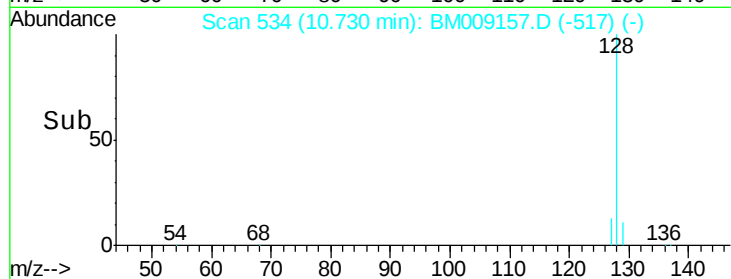
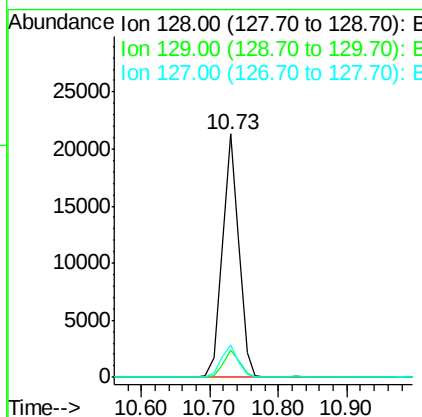
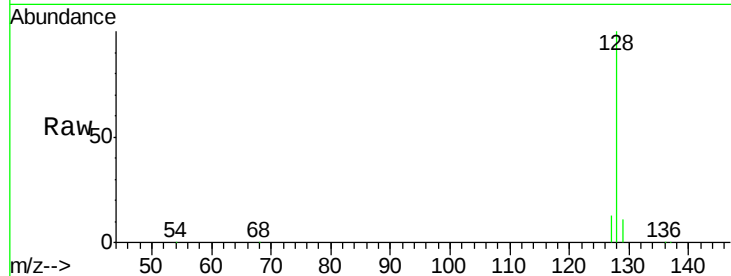
ClientSampleId :

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Tgt Ion:	128	Resp:	34959
Ion Ratio	Lower	Upper	
128	100		
129	11.1	11.3	16.9#
127	13.5	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 7.71 ng/ul

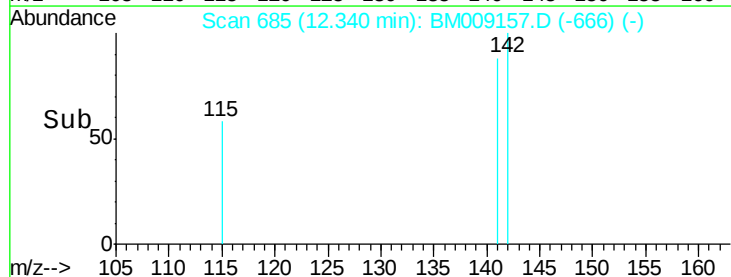
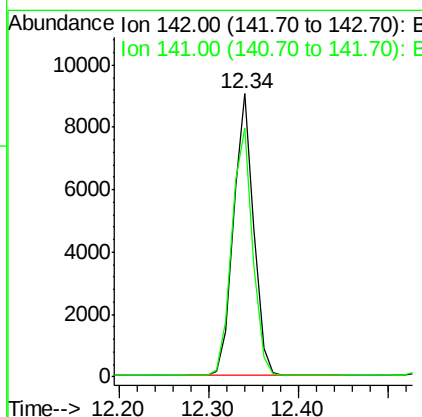
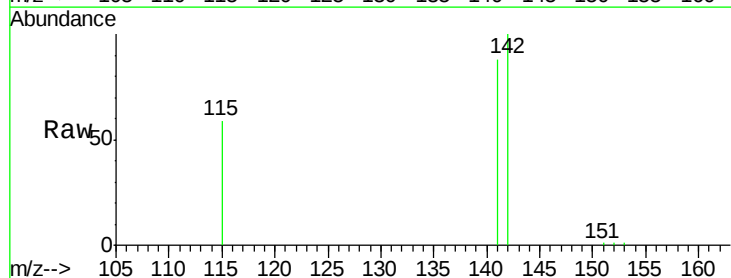
RT: 12.34 min Scan# 685

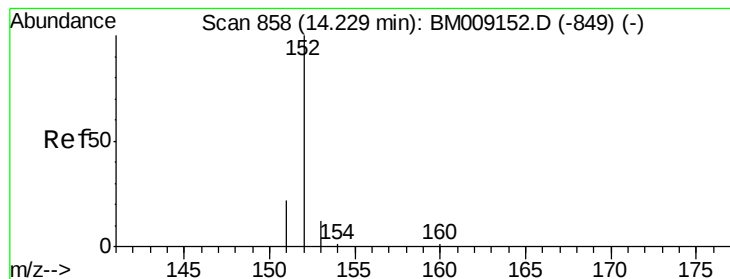
Delta R.T. -0.00 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

Tgt Ion:	142	Resp:	13998
Ion Ratio	Lower	Upper	
142	100		
141	90.8	72.6	108.8





#7

Acenaphthylene

Concen: 2.19 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

Instrument :

BNA_M

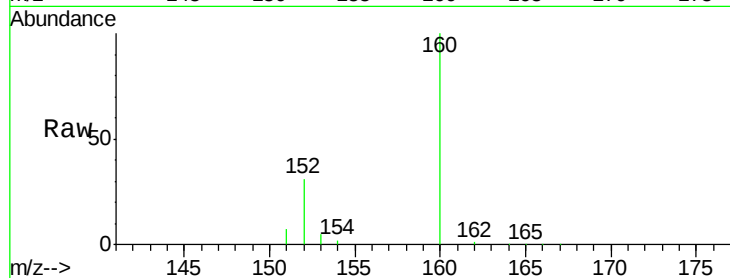
ClientSampleId :

C0AC7

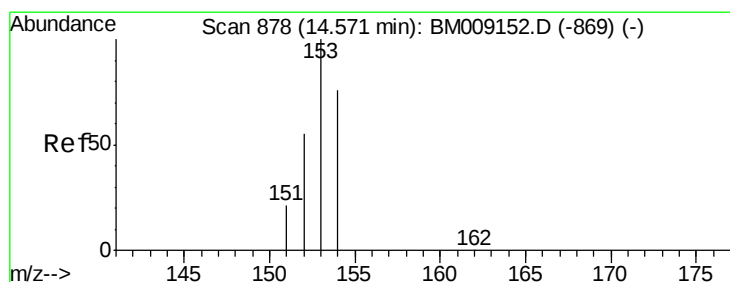
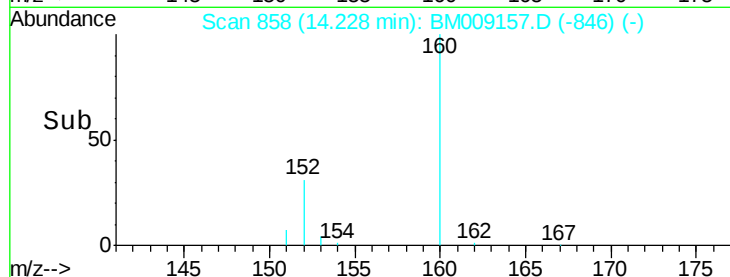
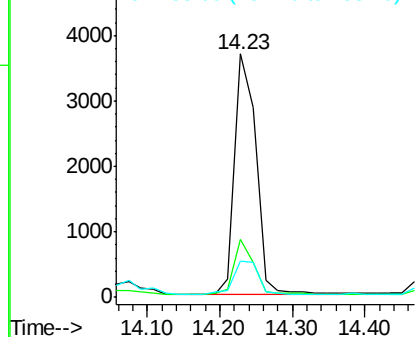
Tgt Ion:	152	Resp:	7340
Ion Ratio	Lower	Upper	
152	100		
151	23.9	17.1	25.7
153	15.0	12.8	19.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 6.62 ng/ul

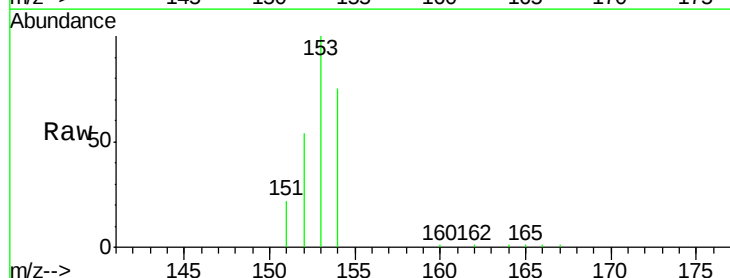
RT: 14.57 min Scan# 878

Delta R.T. -0.00 min

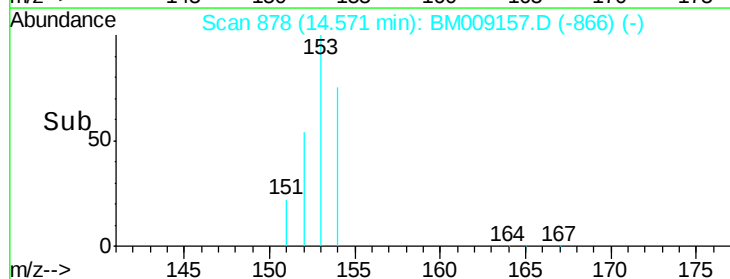
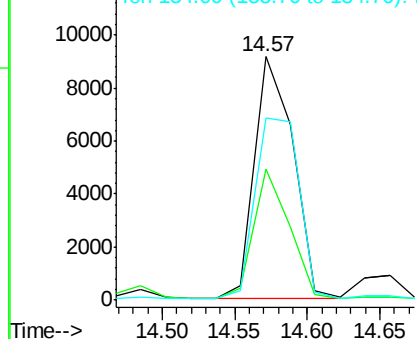
Lab File: BM009157.D

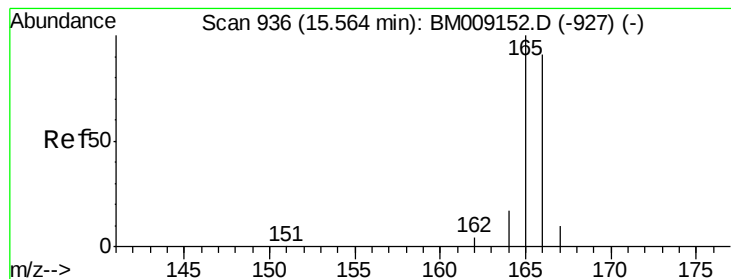
Acq: 09 Mar 2017 22:09

Tgt Ion:	153	Resp:	17013
Ion Ratio	Lower	Upper	
153	100		
152	53.9	40.3	60.5
154	74.9	71.4	107.2



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 15.16 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. -0.00 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

Instrument :

BNA_M

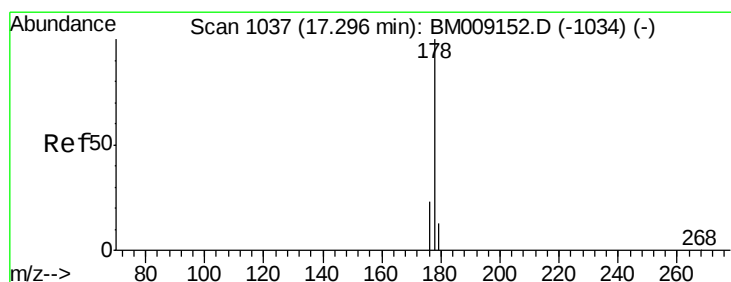
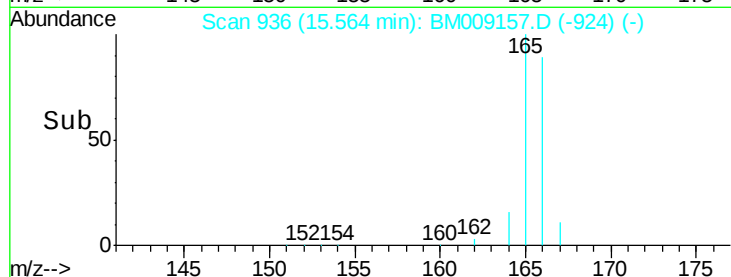
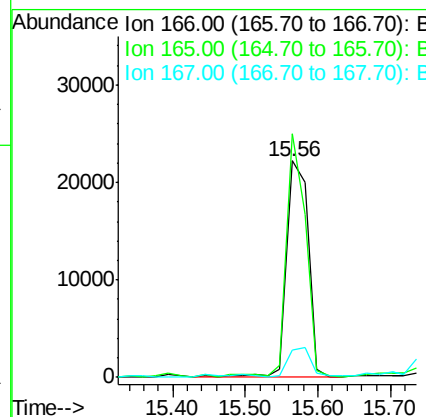
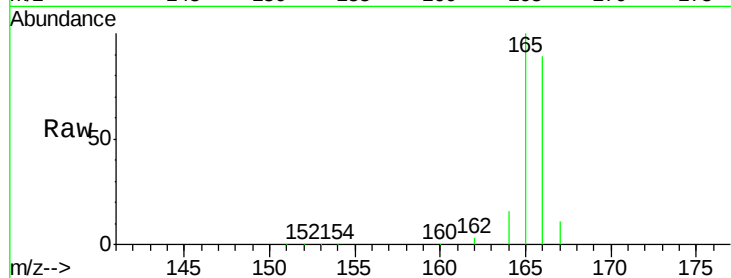
ClientSampleId :

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Tgt Ion:166 Resp: 45539
 Ion Ratio Lower Upper
 166 100
 165 112.7 73.4 110.2#
 167 12.6 14.6 22.0#

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#12

Phenanthrene

Concen: 92.58 ng/ul m

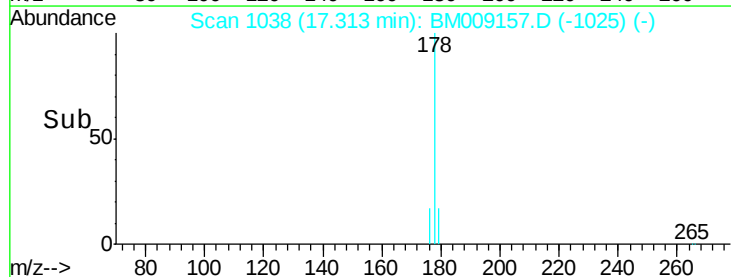
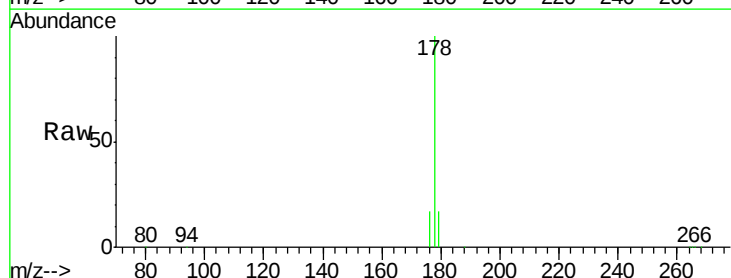
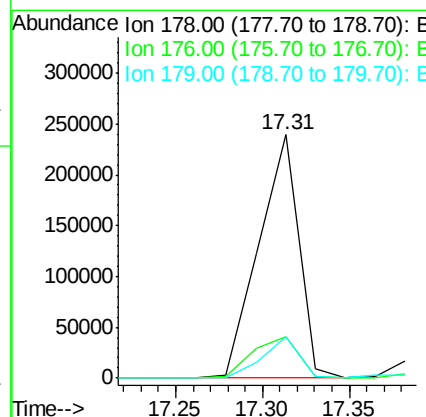
RT: 17.31 min Scan# 1038

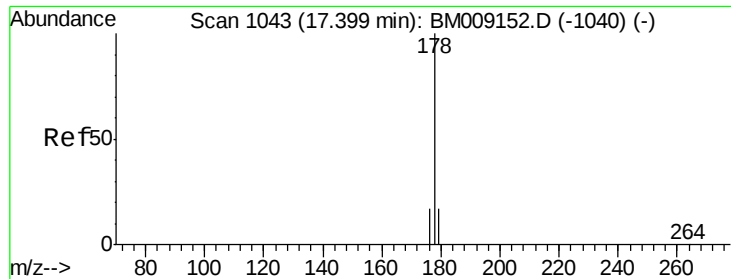
Delta R.T. 0.02 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

Tgt Ion:178 Resp: 385753
 Ion Ratio Lower Upper
 178 100
 176 16.9 18.4 27.6#
 179 16.8 13.6 20.4





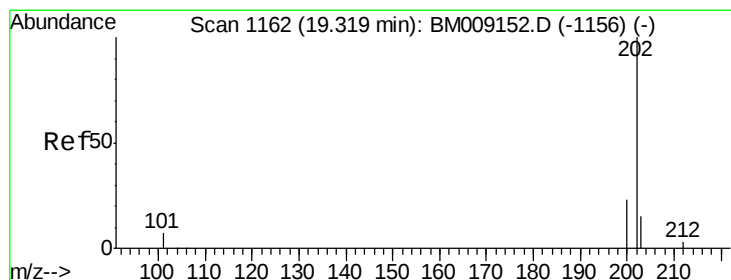
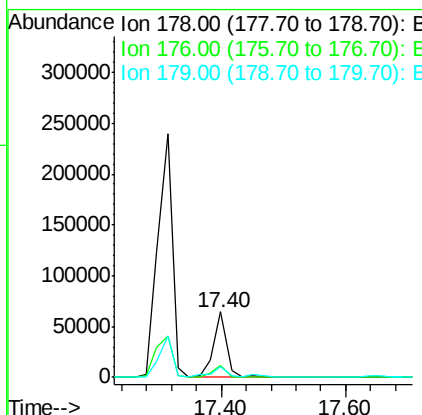
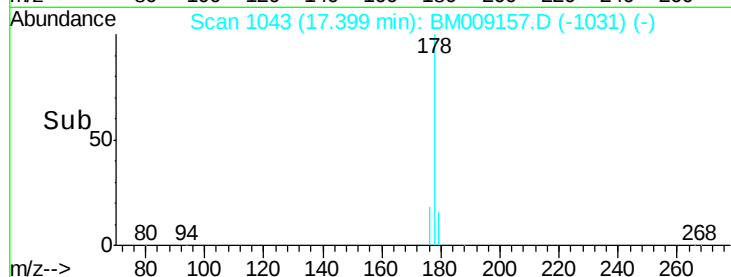
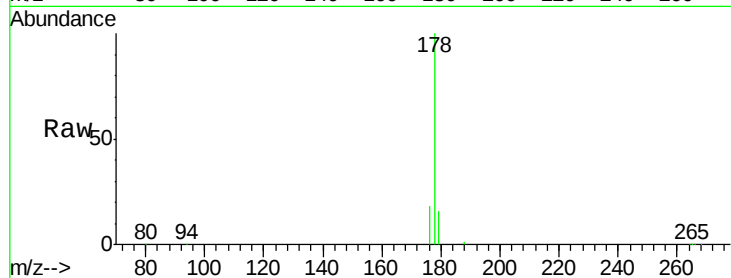
#13
 Anthracene
 Concen: 22.74 ng/u1
 RT: 17.40 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BM009157.D
 Acq: 09 Mar 2017 22:09

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Tgt Ion:178 Resp: 93589
 Ion Ratio Lower Upper
 178 100
 176 17.9 18.1 27.1#
 179 15.7 14.7 22.1

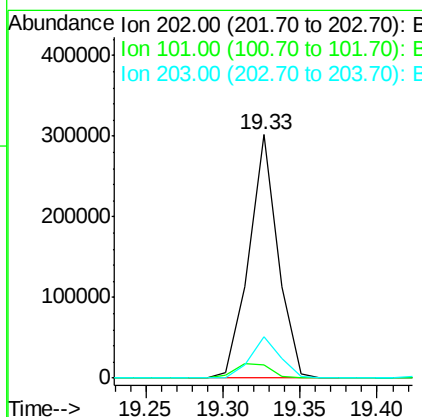
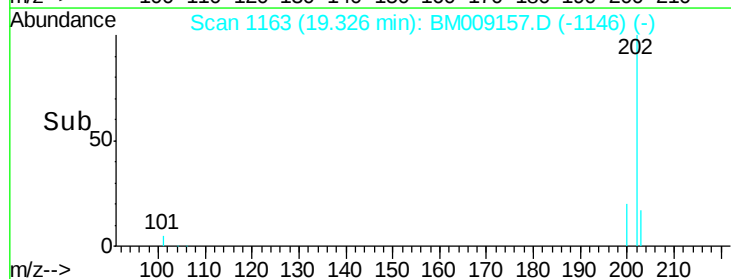
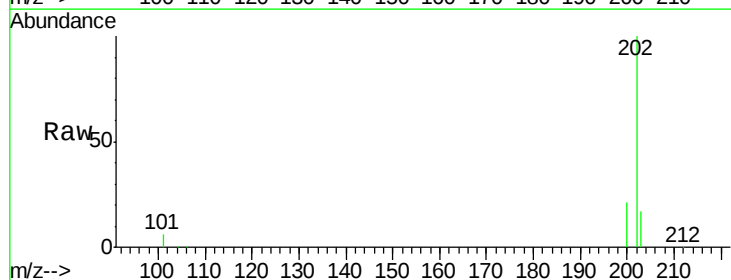
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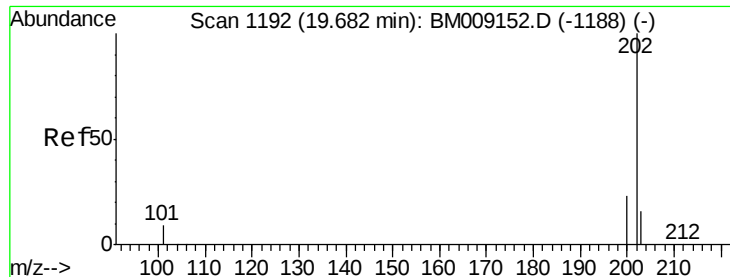
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#15
 Fluoranthene
 Concen: 72.21 ng/u1
 RT: 19.33 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BM009157.D
 Acq: 09 Mar 2017 22:09

Tgt Ion:202 Resp: 392443
 Ion Ratio Lower Upper
 202 100
 101 5.5 0.0 30.3
 203 17.0 0.0 39.5





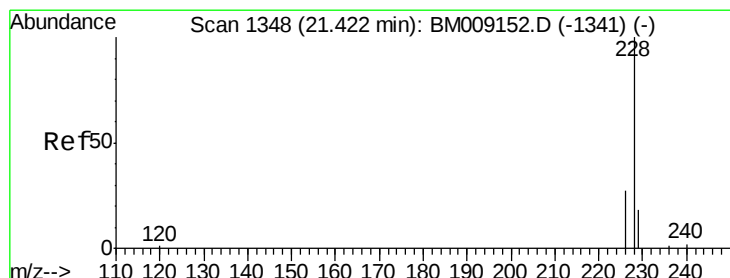
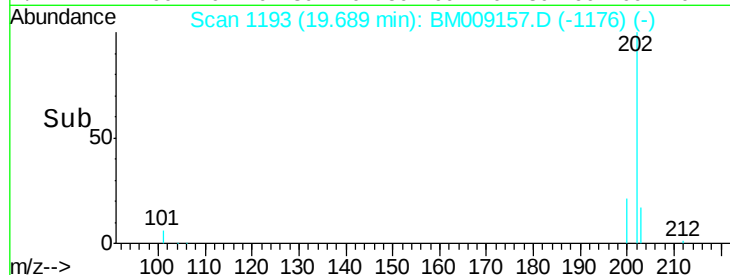
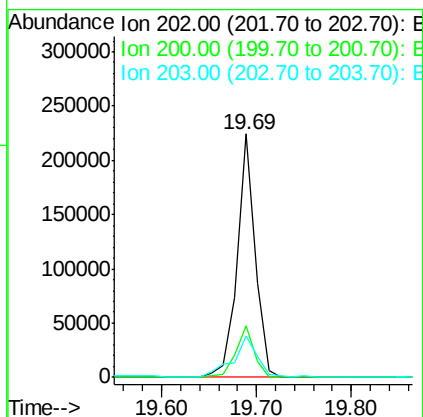
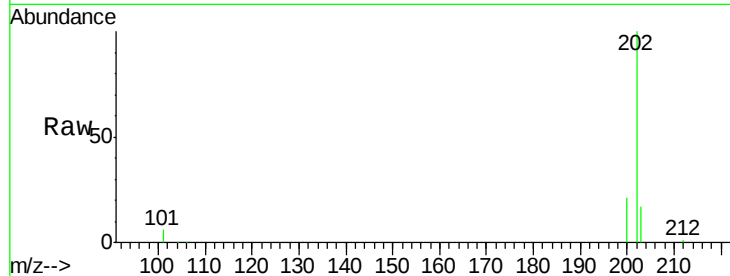
#17
 Pyrene
 Concen: 49.45 ng/ul
 RT: 19.69 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BM009157.D
 Acq: 09 Mar 2017 22:09

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.1	18.2	27.4
203	17.0	15.6	23.4

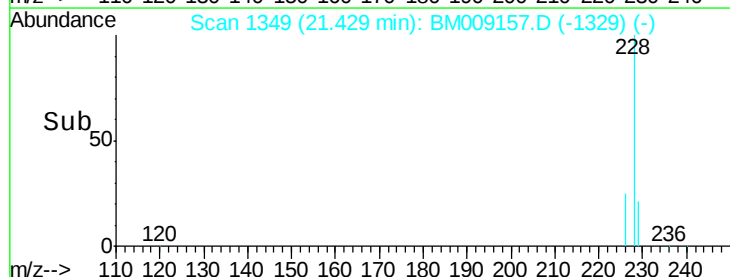
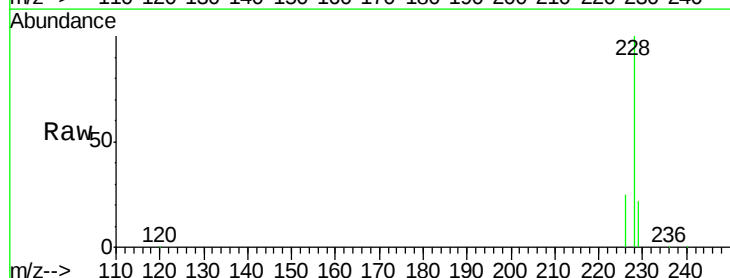
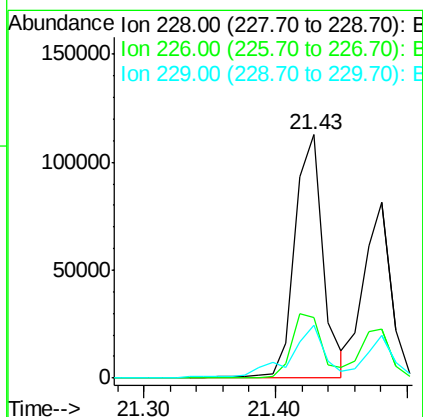
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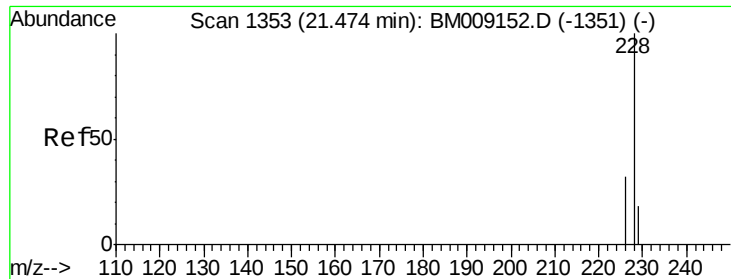
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#18
 Benzo(a)anthracene
 Concen: 28.72 ng/ul m
 RT: 21.43 min Scan# 1349
 Delta R.T. 0.01 min
 Lab File: BM009157.D
 Acq: 09 Mar 2017 22:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	25.0	22.8	34.2
229	21.8	17.0	25.6





#19

Chrysene

Concen: 21.37 ng/ul

RT: 21.48 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

Instrument :

BNA_M

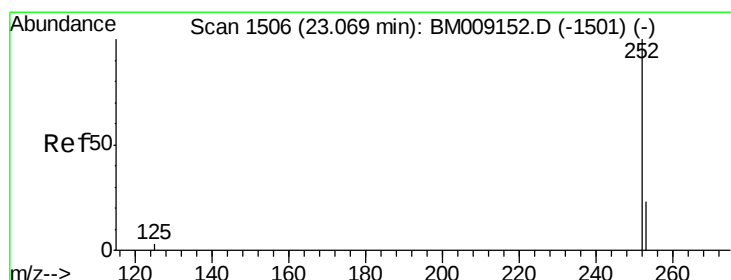
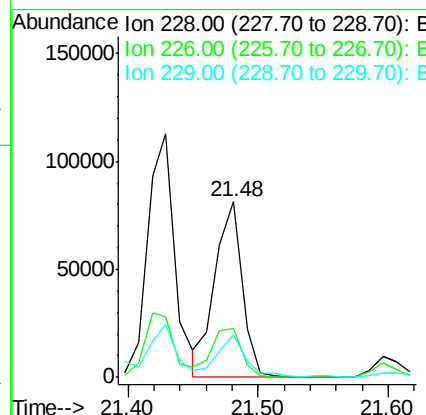
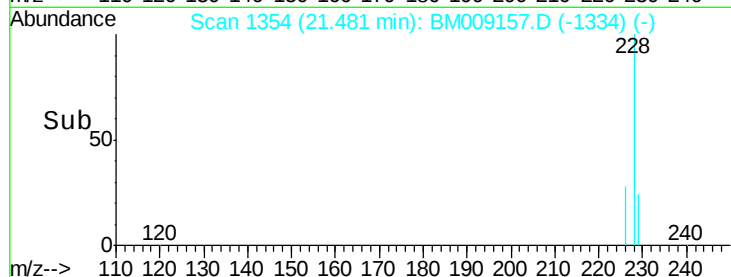
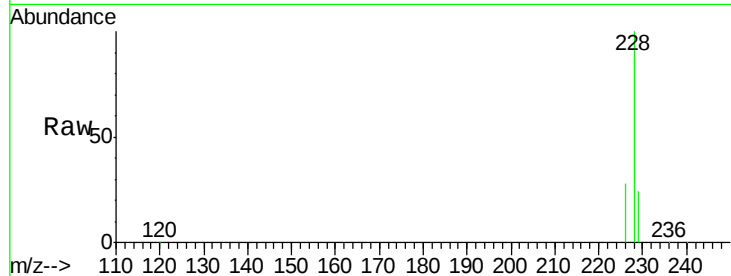
ClientSampleId :

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Tgt Ion:	228	Resp:	117182
Ion Ratio	Lower	Upper	
228	100		
226	27.9	23.4	35.0
229	24.4	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 26.34 ng/ul m

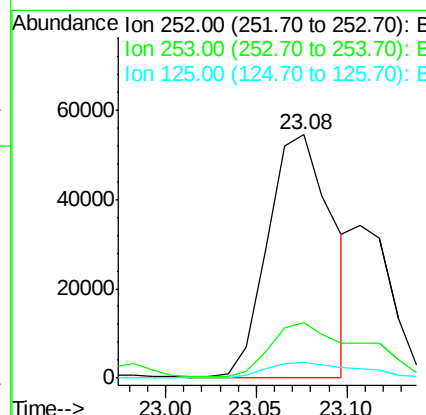
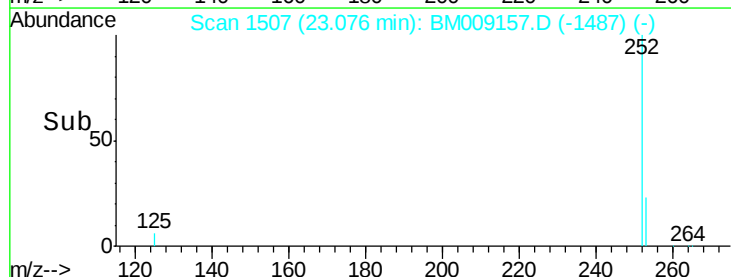
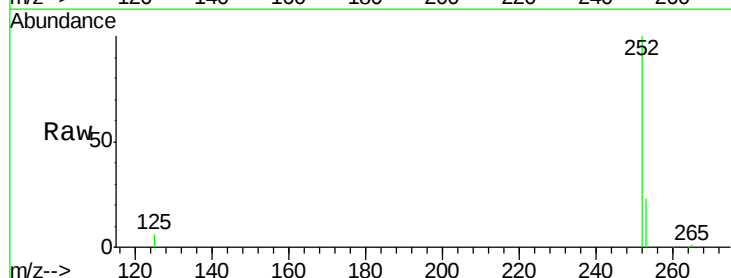
RT: 23.08 min Scan# 1507

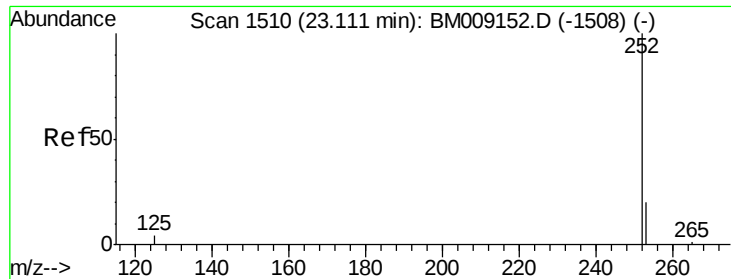
Delta R.T. 0.01 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

Tgt Ion:	252	Resp:	135256
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	6.4	0.0	35.0





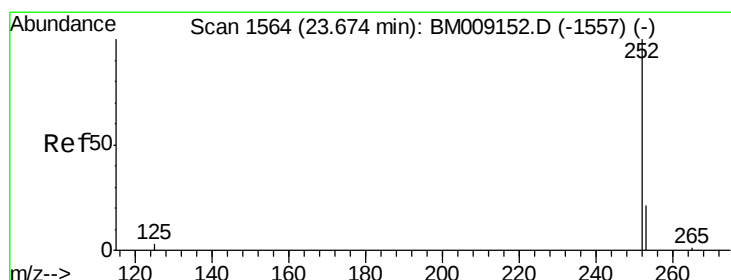
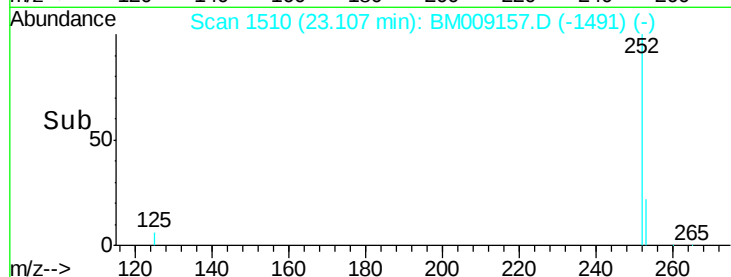
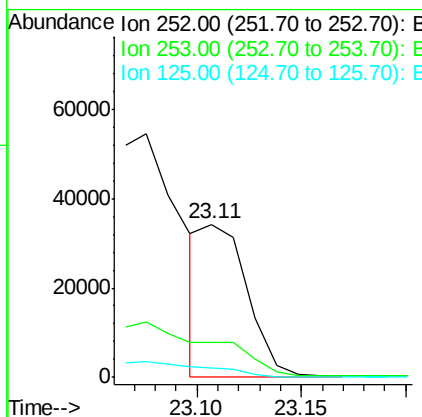
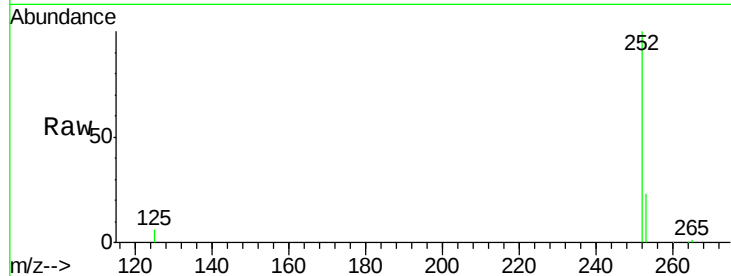
#22
Benzo(k)fluoranthene
Concen: 11.45 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BM009157.D
Acq: 09 Mar 2017 22:09

Instrument :
BNA_M
ClientSampleId :
C0AC7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	24.5	36.7#
125	6.5	13.7	20.5#

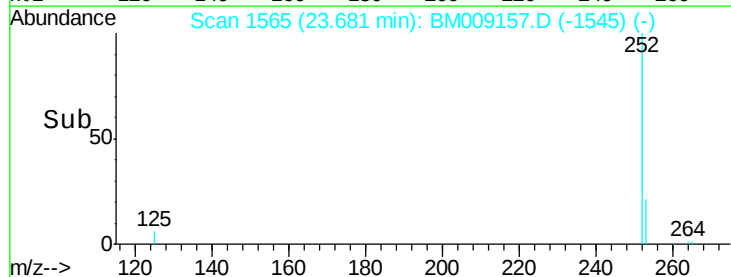
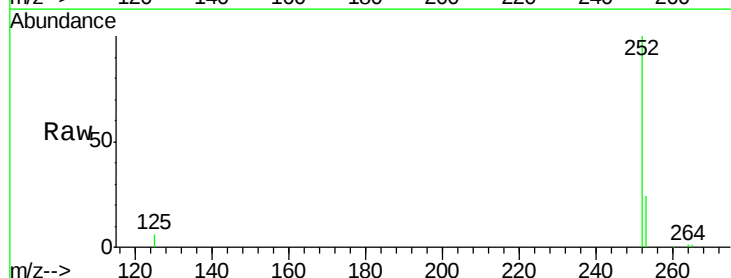
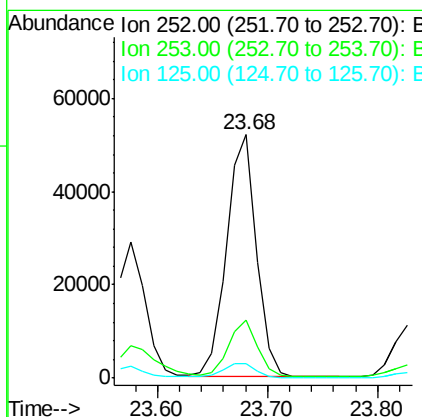
Manual Integrations
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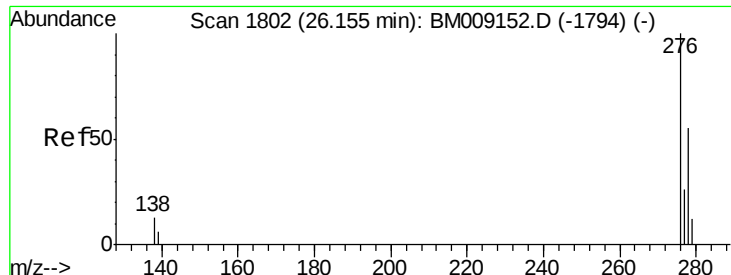
mohammad
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#23
Benzo(a)pyrene
Concen: 21.06 ng/ul
RT: 23.68 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BM009157.D
Acq: 09 Mar 2017 22:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	6.1	18.1	27.1#





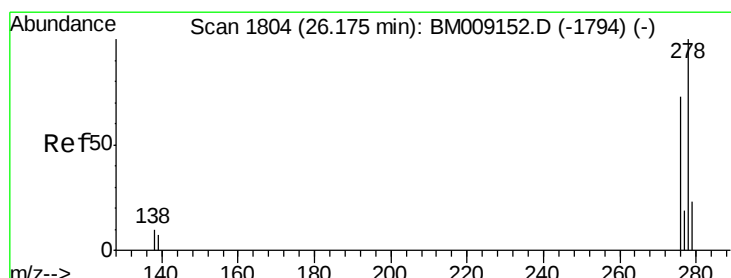
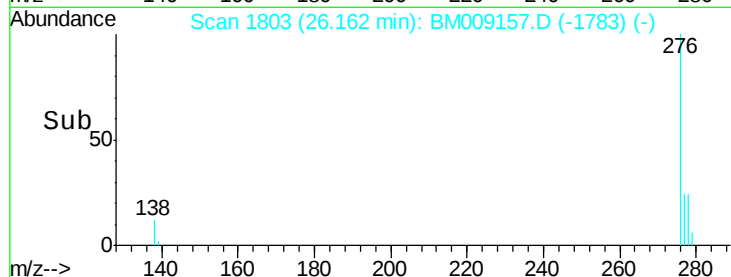
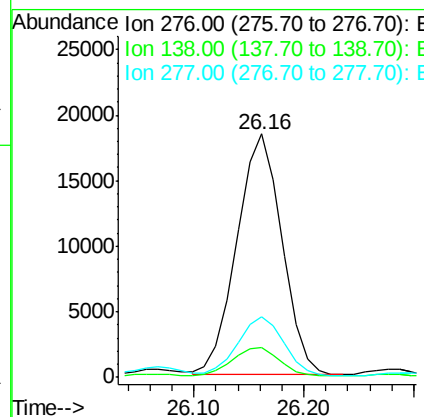
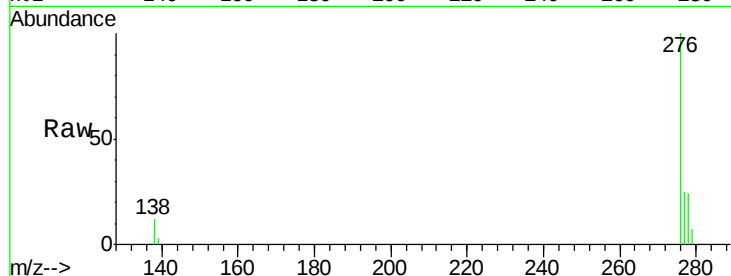
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 8.87 ng/ul
 RT: 26.16 min Scan# 1803
 Delta R.T. 0.01 min
 Lab File: BM009157.D
 Acq: 09 Mar 2017 22:09

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.1	19.1	28.7#
277	24.8	19.6	29.4

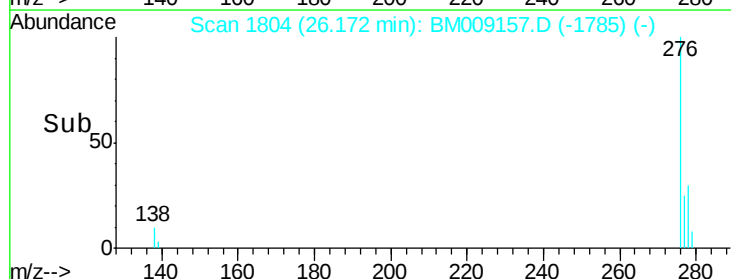
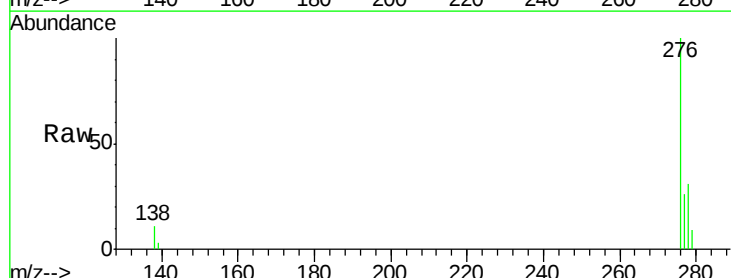
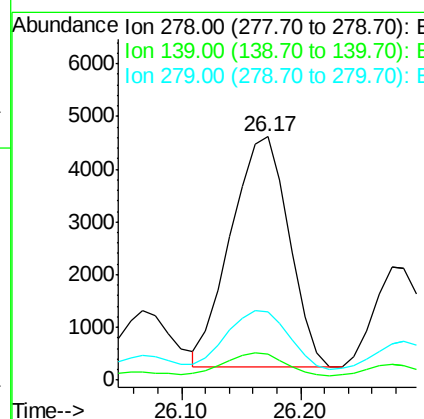
Manual Integrations
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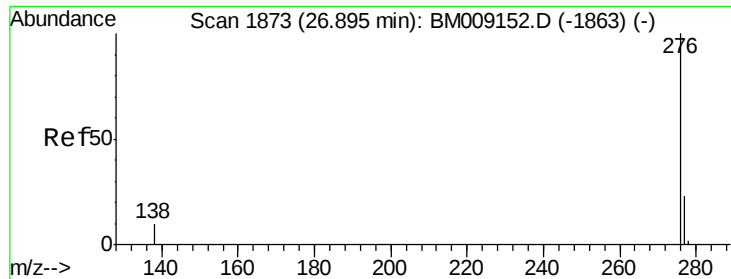
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#25
 Dibenzo(a,h)anthracene
 Concen: 2.99 ng/ul
 RT: 26.17 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: BM009157.D
 Acq: 09 Mar 2017 22:09

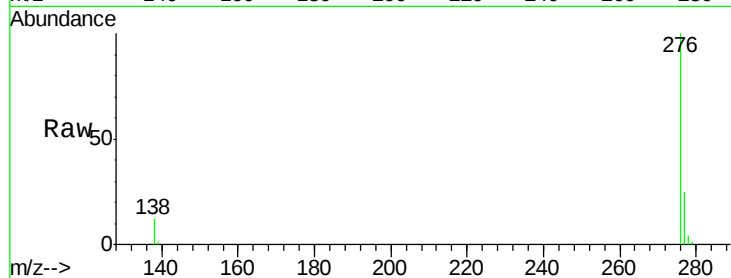
Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.5	17.4	26.0#
279	28.2	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 7.95 ng/ul
RT: 26.90 min Scan# 1874
Delta R.T. 0.01 min
Lab File: BM009157.D
Acq: 09 Mar 2017 22:09

Instrument :
BNA_M
ClientSampleId :
C0AC7



Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	21.8	32.8
138	12.1	20.5	30.7

Manual Integrations
APPROVED

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