

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
 Data File : BM009120.D
 Acq On : 08 Mar 2017 21:41
 Operator : SJ/MA
 Sample : I2062-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7

Manual Integrations
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Quant Time: Mar 09 02:41:33 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 01:19:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	223	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.68	136	719	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	434	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1016m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1133	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	976m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	272	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.29	212	853	0.27	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.73	128	300	0.14	ng/ul#	58
5) 2-Methylnaphthalene	12.34	142	172	0.12	ng/ul	99
7) Acenaphthylene	14.25	152	247	0.11	ng/ul#	55
8) Acenaphthene	14.59	153	165	0.10	ng/ul#	88
9) Fluorene	15.58	166	618	0.30	ng/ul#	95
12) Phenanthrene	17.31	178	4649	1.46	ng/ul	93
13) Anthracene	17.40	178	1214	0.39	ng/ul	95
15) Fluoranthene	19.32	202	6066	1.46	ng/ul	95
17) Pyrene	19.69	202	4955	1.27	ng/ul	95
18) Benzo(a)anthracene	21.42	228	3014	0.80	ng/ul	96
19) Chrysene	21.47	228	2629m	0.74	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	4721m	1.23	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	1292m	0.38	ng/ul	
23) Benzo(a)pyrene	23.67	252	3264m	0.95	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	2118m	0.48	ng/ul	
25) Dibenzo(a,h)anthracene	26.17	278	527m	0.14	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	1854m	0.50	ng/ul	

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

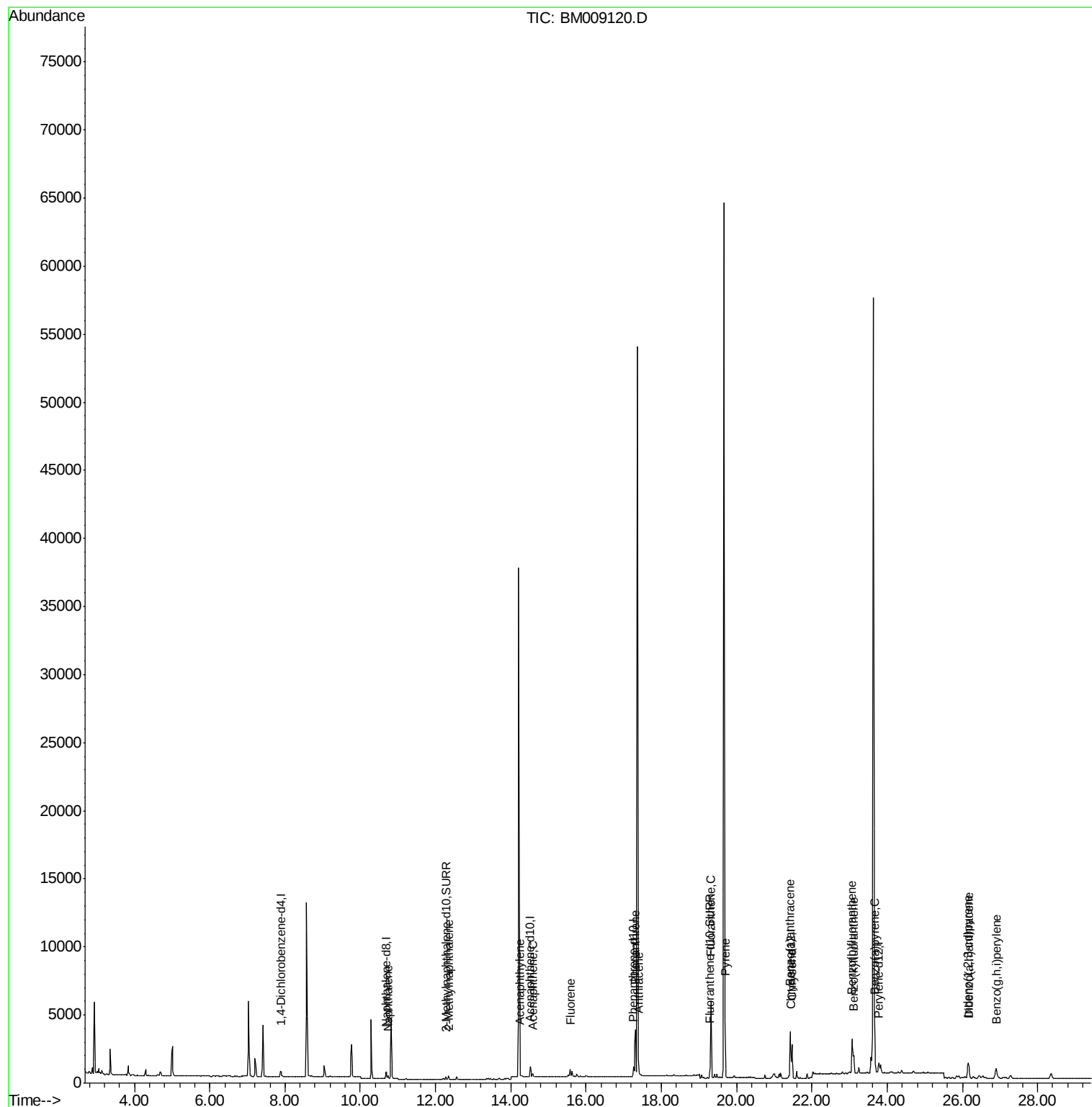
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
Data File : BM009120.D
Acq On : 08 Mar 2017 21:41
Operator : SJ/MA
Sample : I2062-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

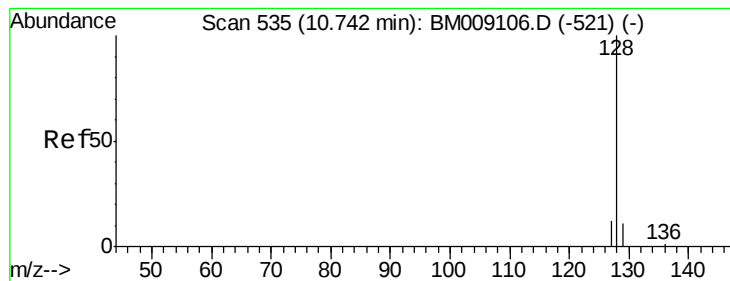
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
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QLast Update : Thu Mar 09 01:19:41 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.14 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.01 min

Lab File: BM009120.D

Acq: 08 Mar 2017 21:41

Instrument :

BNA_M

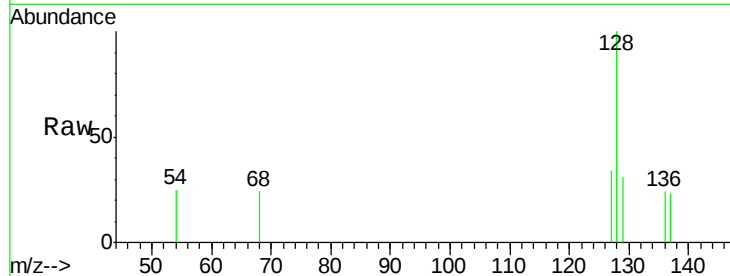
ClientSampleId :

C0AF7

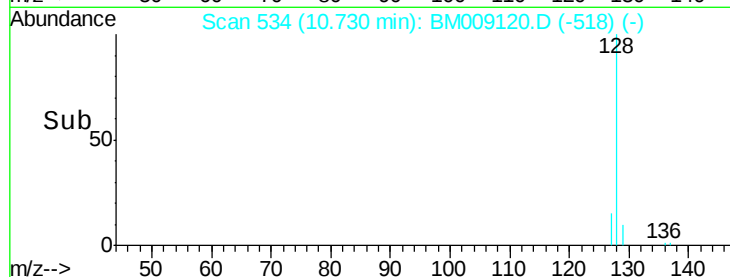
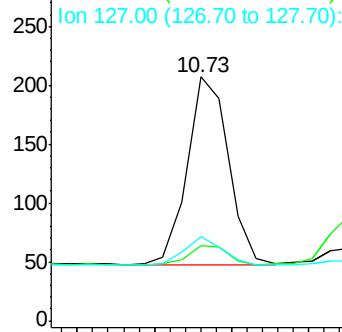
Tgt Ion:	128	Resp:	300
Ion Ratio	Lower	Upper	
128	100		
129	30.9	11.3	16.9#
127	34.3	12.8	19.2#

Manual Integrations
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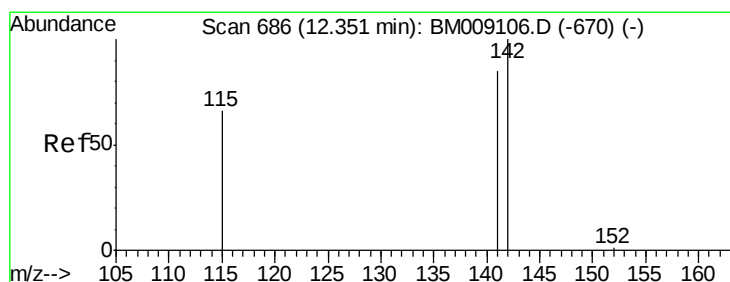
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.12 ng/ul

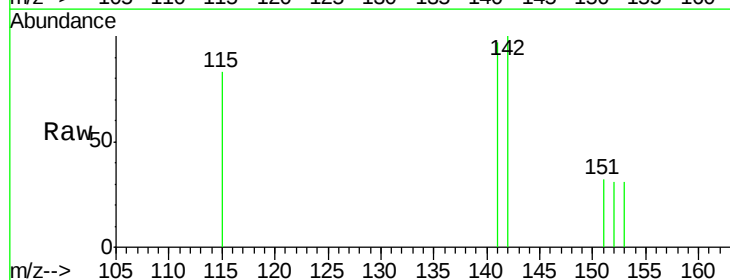
RT: 12.34 min Scan# 685

Delta R.T. -0.01 min

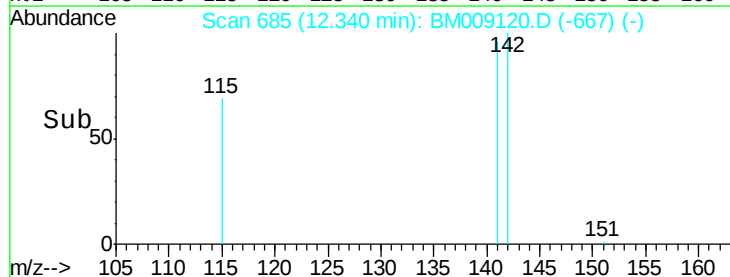
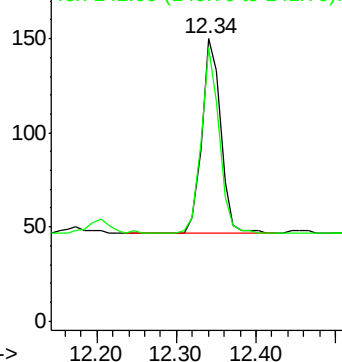
Lab File: BM009120.D

Acq: 08 Mar 2017 21:41

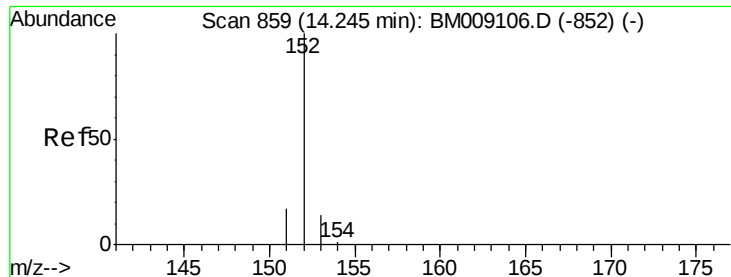
Tgt Ion:	142	Resp:	172
Ion Ratio	Lower	Upper	
142	100		
141	90.1	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->



#7

Acenaphthylene

Concen: 0.11 ng/ul

RT: 14.25 min Scan# 859

Delta R.T. 0.00 min

Lab File: BM009120.D

Acq: 08 Mar 2017 21:41

Instrument :

BNA_M

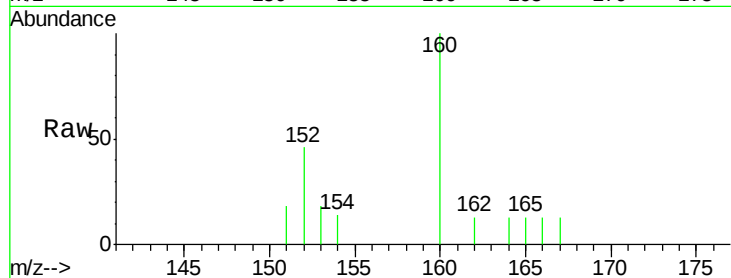
ClientSampleId :

C0AF7

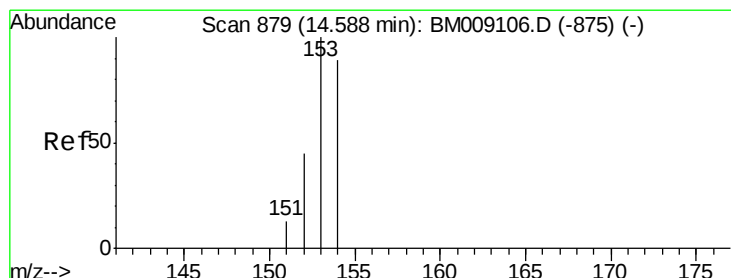
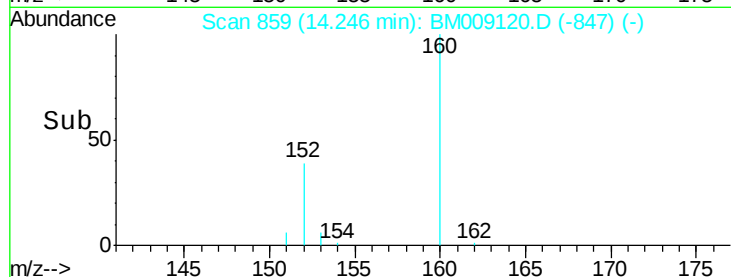
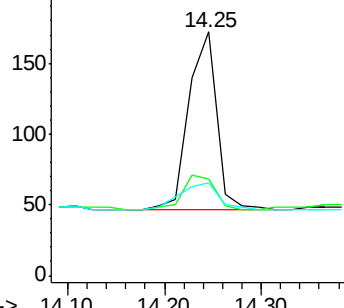
Tgt Ion:	152	Resp:	247
Ion Ratio	Lower	Upper	
152	100		
151	39.5	17.1	25.7#
153	38.4	12.8	19.2#

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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: 0.10 ng/ul

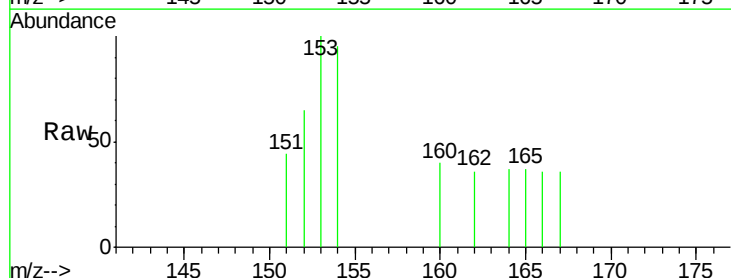
RT: 14.59 min Scan# 879

Delta R.T. 0.00 min

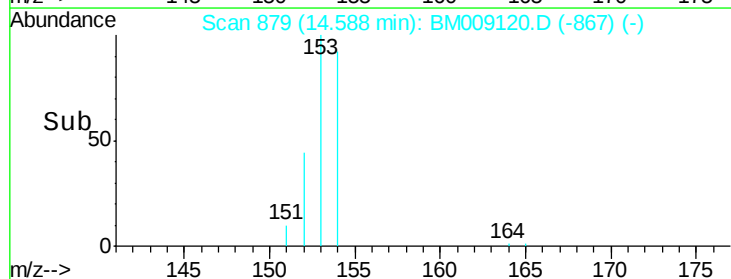
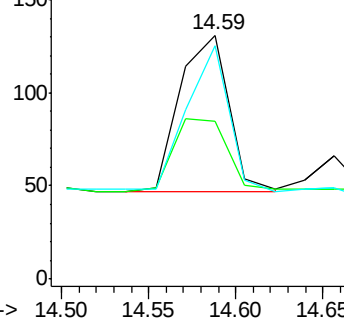
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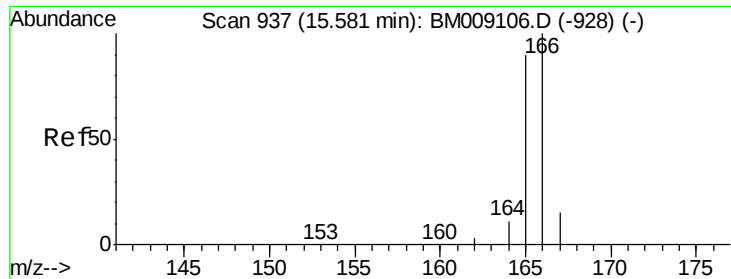
Acq: 08 Mar 2017 21:41

Tgt Ion:	153	Resp:	165
Ion Ratio	Lower	Upper	
153	100		
152	64.9	40.3	60.5#
154	95.4	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





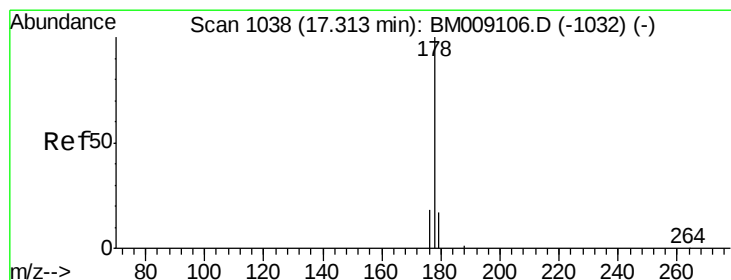
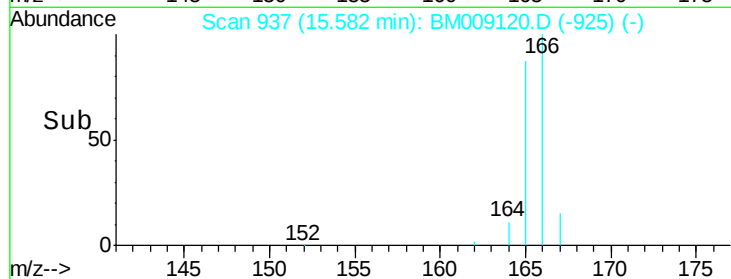
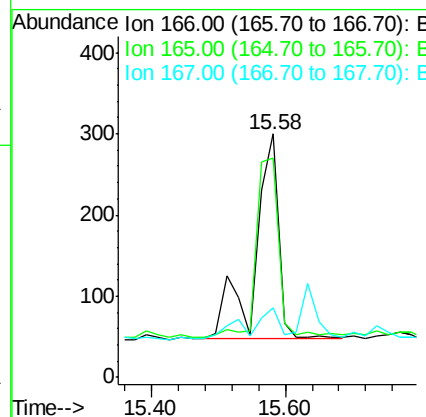
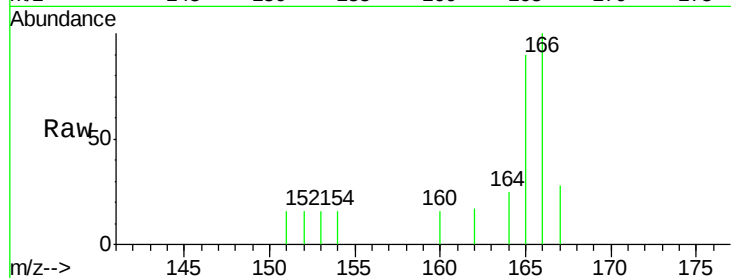
#9
Fluorene
Concen: 0.30 ng/ul
RT: 15.58 min Scan# 937
Delta R.T. 0.00 min
Lab File: BM009120.D
Acq: 08 Mar 2017 21:41

Instrument :
BNA_M
ClientSampleId :
C0AF7

Tgt Ion	Ratio	Lower	Upper
166	100		
165	90.0	73.4	110.2
167	28.3	14.6	22.0

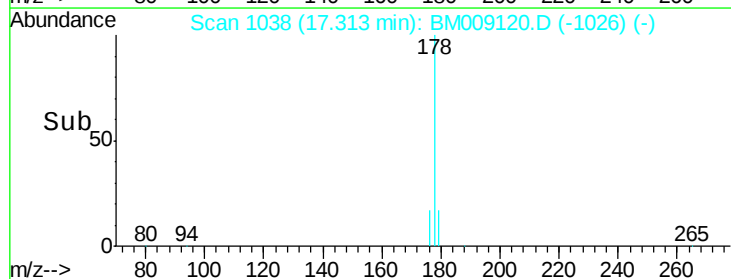
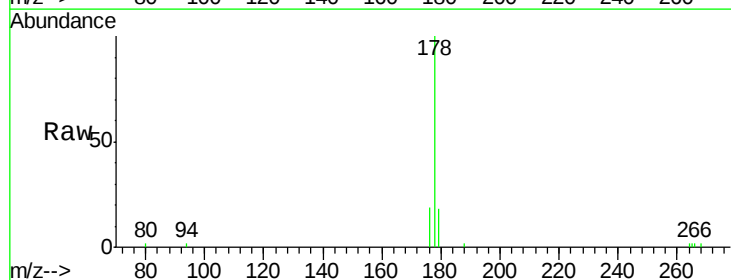
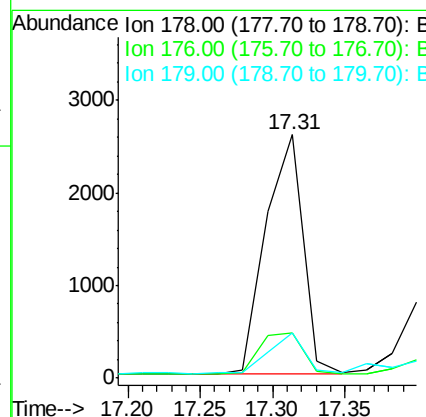
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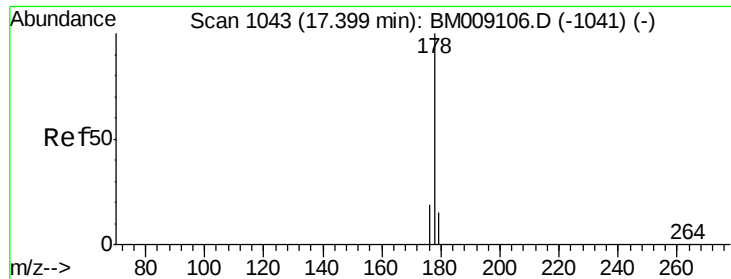
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#12
Phenanthrene
Concen: 1.46 ng/ul
RT: 17.31 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BM009120.D
Acq: 08 Mar 2017 21:41

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





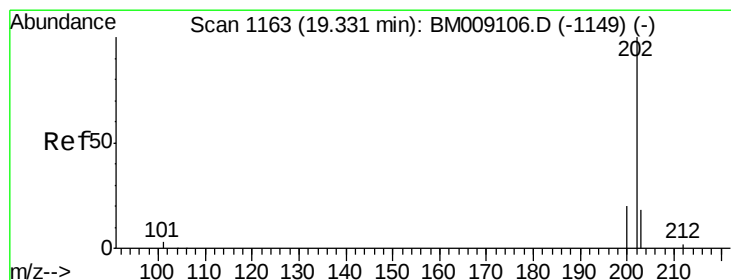
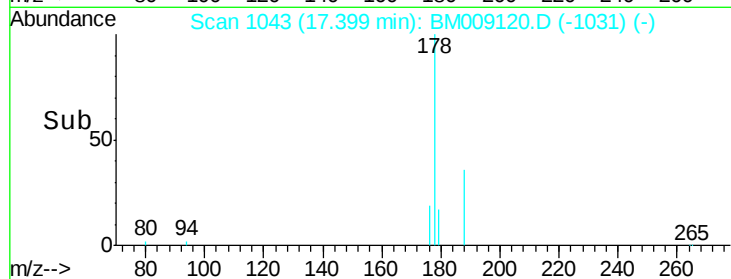
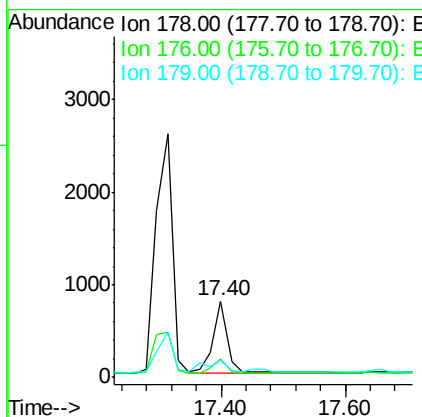
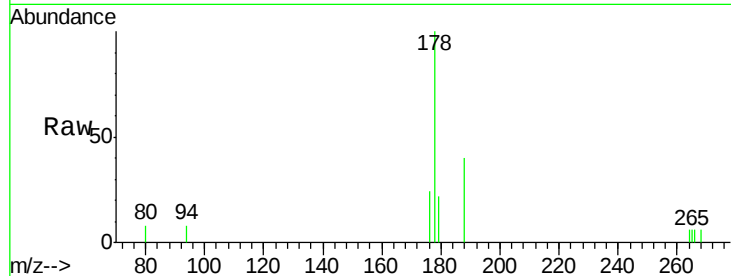
#13
 Anthracene
 Concen: 0.39 ng/ul
 RT: 17.40 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BM009120.D
 Acq: 08 Mar 2017 21:41

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.9	18.1	27.1
179	22.0	14.7	22.1

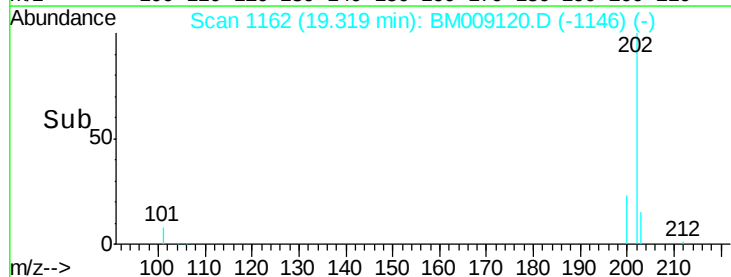
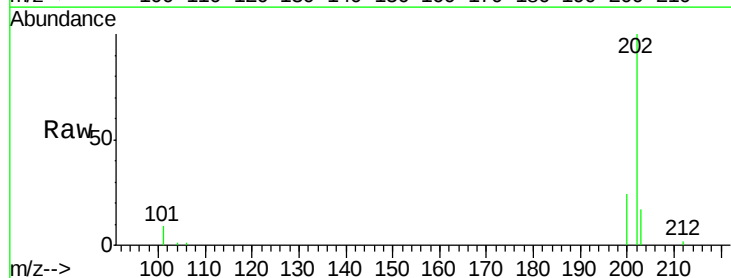
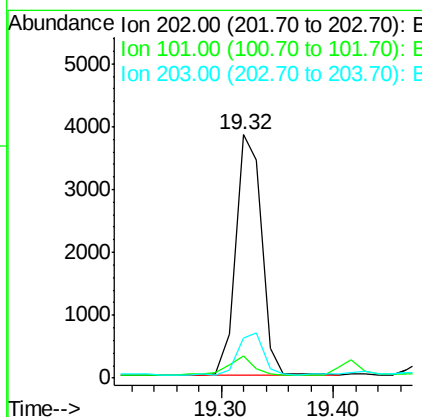
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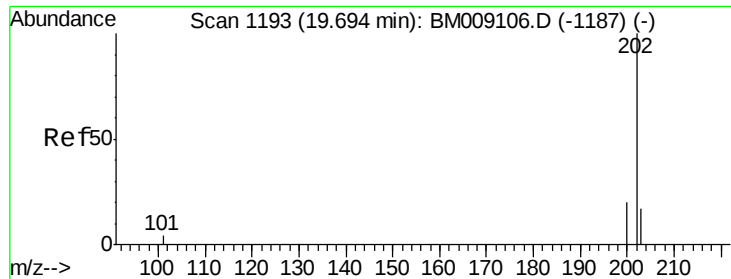
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#15
 Fluoranthene
 Concen: 1.46 ng/ul
 RT: 19.32 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BM009120.D
 Acq: 08 Mar 2017 21:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.3
203	16.6	0.0	39.5





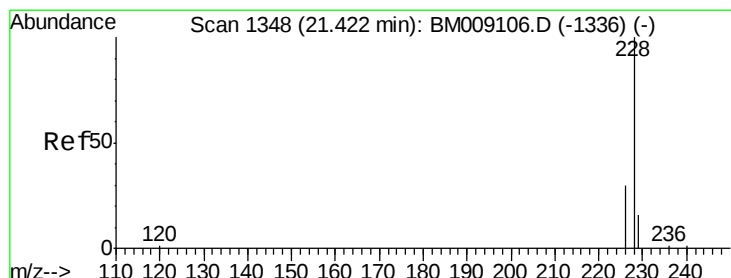
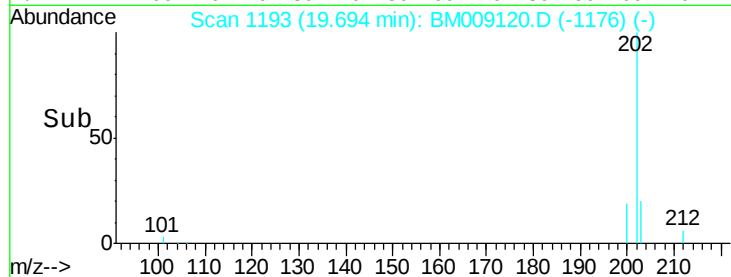
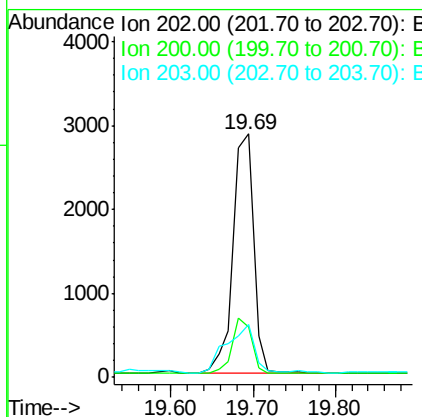
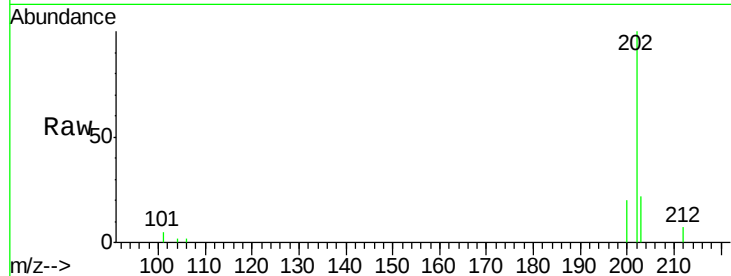
#17
Pyrene
Concen: 1.27 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM009120.D
Acq: 08 Mar 2017 21:41

Instrument :
BNA_M
ClientSampleId :
C0AF7

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4955		
200	20.5	18.2	27.4	
203	21.5	15.6	23.4	

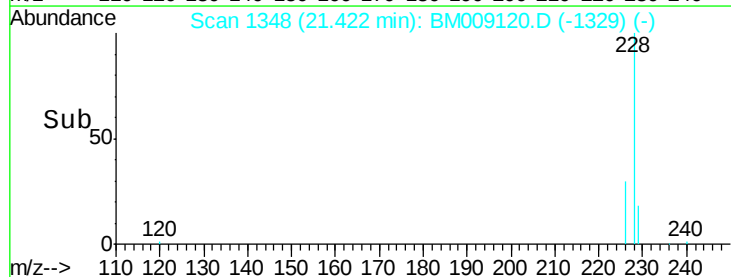
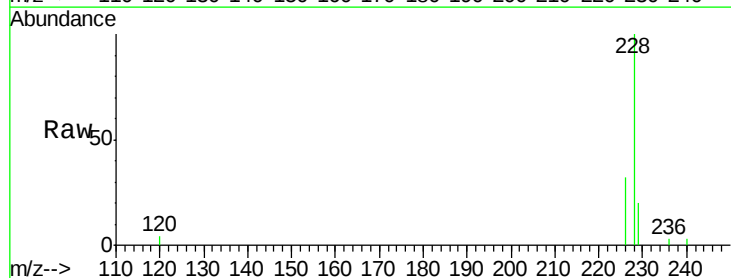
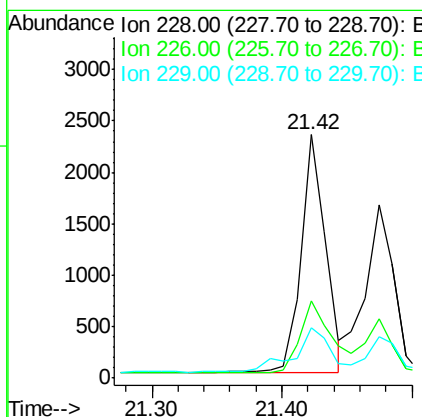
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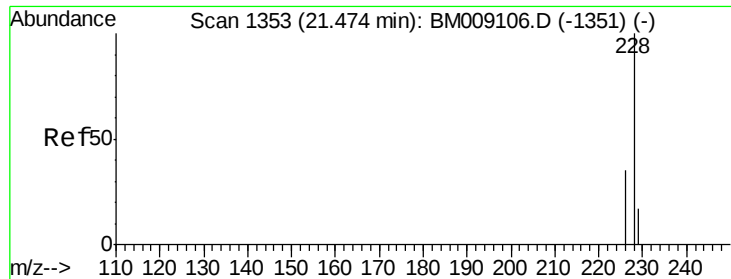
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#18
Benzo(a)anthracene
Concen: 0.80 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM009120.D
Acq: 08 Mar 2017 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	3014		
226	31.6	22.8	34.2	
229	20.5	17.0	25.6	





#19

Chrysene

Concen: 0.74 ng/ul m

RT: 21.47 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BM009120.D

Acq: 08 Mar 2017 21:41

Instrument :

BNA_M

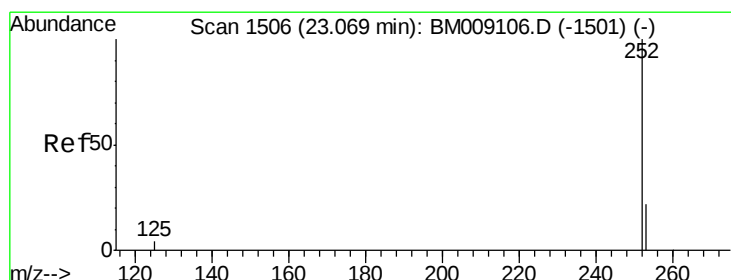
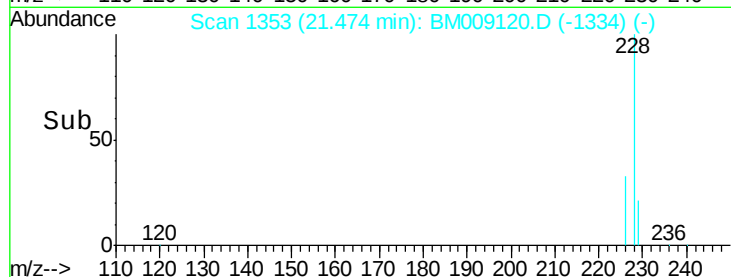
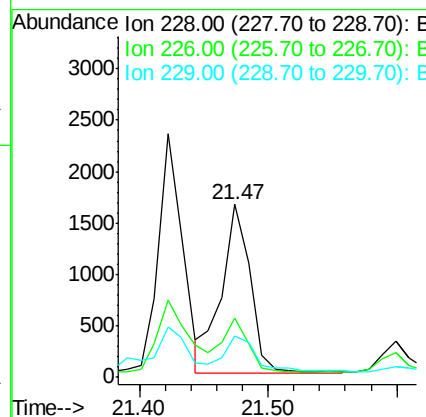
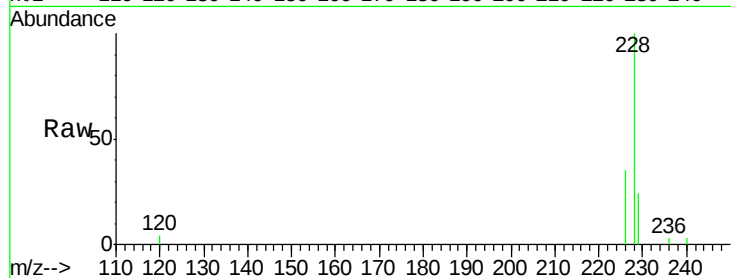
ClientSampleId :

C0AF7

Tgt Ion:	228	Resp:	2629
Ion Ratio	Lower	Upper	
228	100		
226	34.7	23.4	35.0
229	24.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.23 ng/ul m

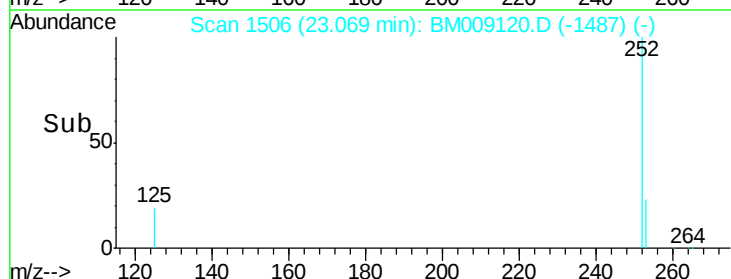
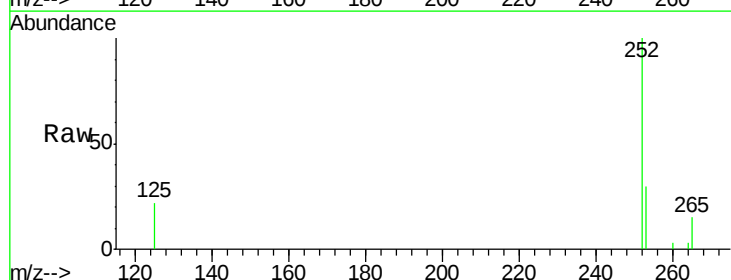
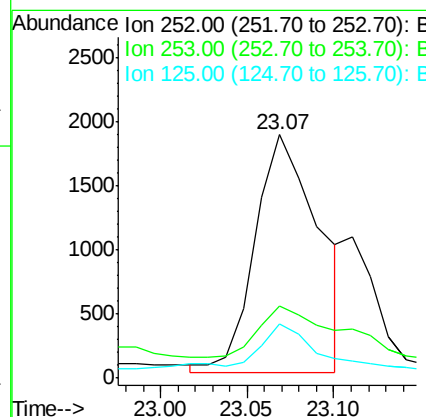
RT: 23.07 min Scan# 1506

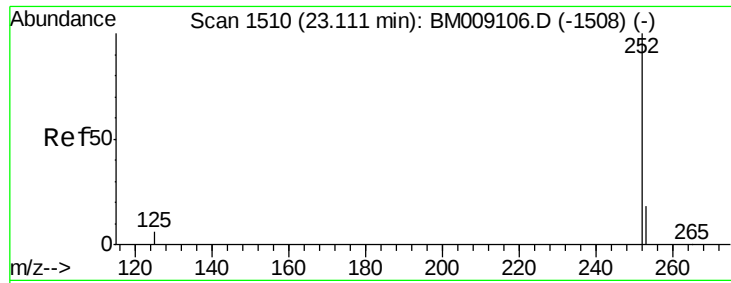
Delta R.T. 0.00 min

Lab File: BM009120.D

Acq: 08 Mar 2017 21:41

Tgt Ion:	252	Resp:	4721
Ion Ratio	Lower	Upper	
252	100		
253	29.7	0.0	64.2
125	22.1	0.0	35.0





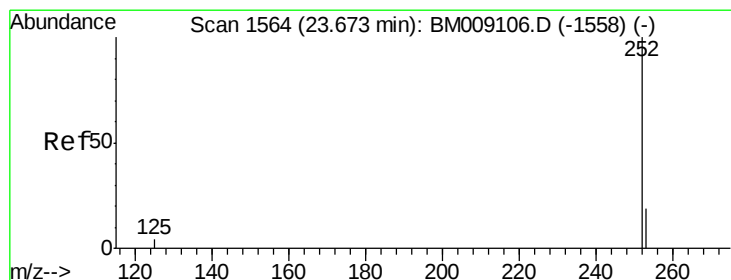
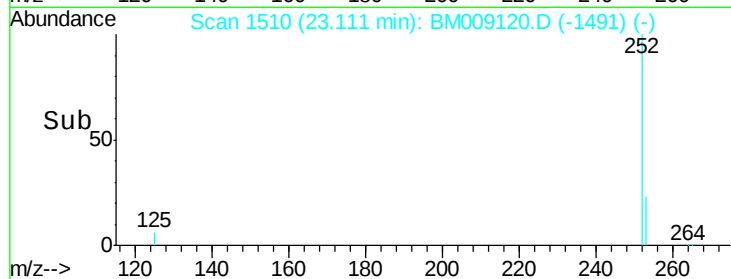
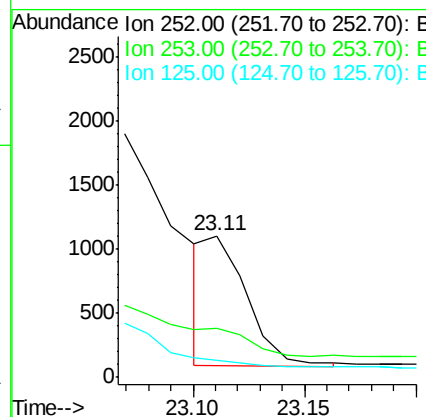
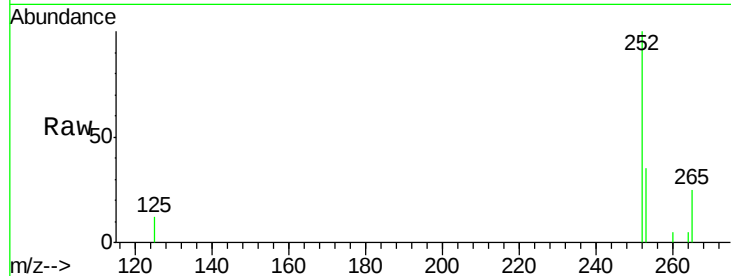
#22
Benzo(k)fluoranthene
Concen: 0.38 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BM009120.D
Acq: 08 Mar 2017 21:41

Instrument :
BNA_M
ClientSampleId :
C0AF7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.0	24.5	36.7
125	12.4	13.7	20.5#

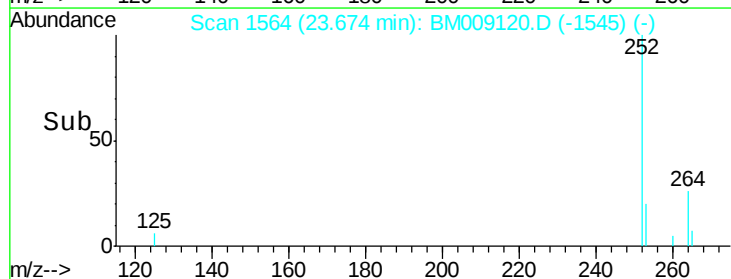
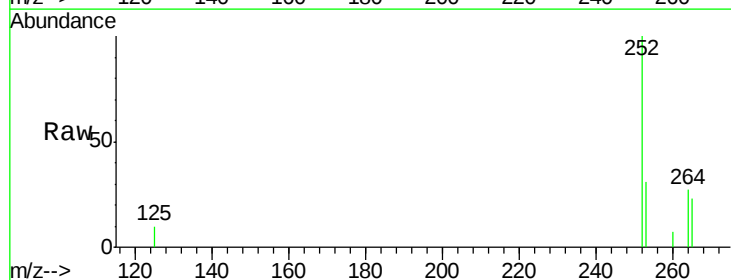
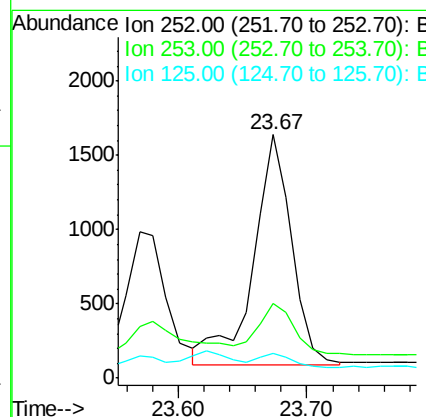
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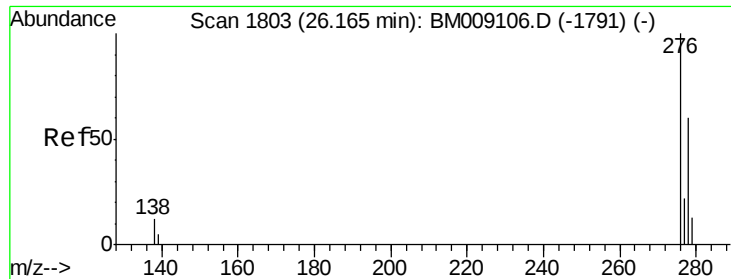
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#23
Benzo(a)pyrene
Concen: 0.95 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM009120.D
Acq: 08 Mar 2017 21:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.6	28.5	42.7
125	10.3	18.1	27.1#





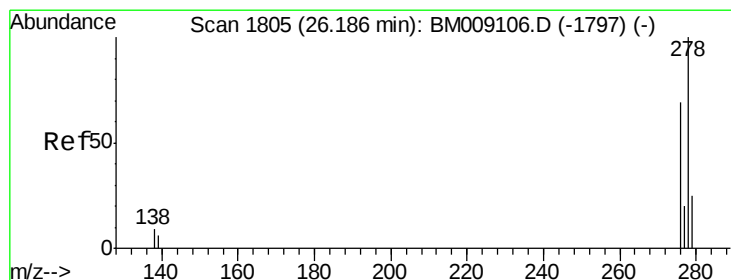
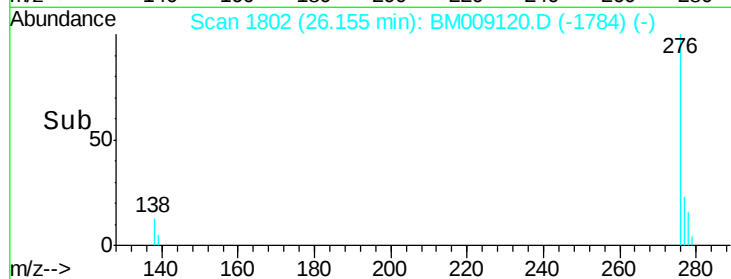
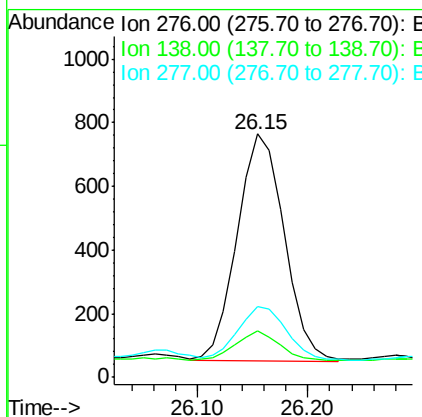
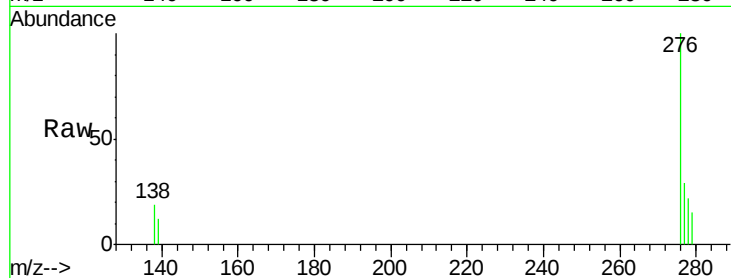
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.48 ng/ul m
 RT: 26.15 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BM009120.D
 Acq: 08 Mar 2017 21:41

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	1.4	19.1	28.7#
277	0.0	19.6	29.4#

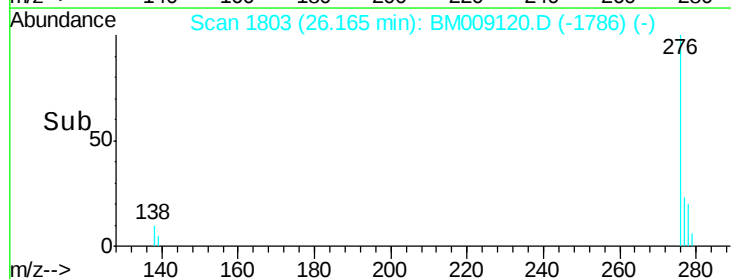
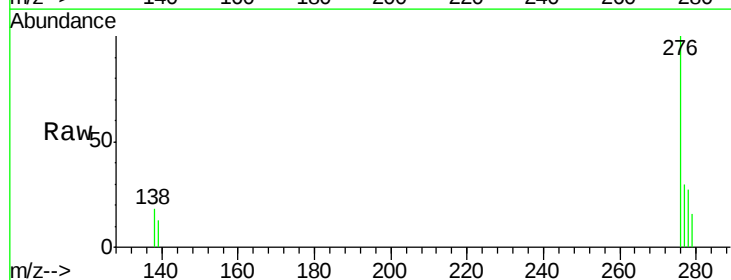
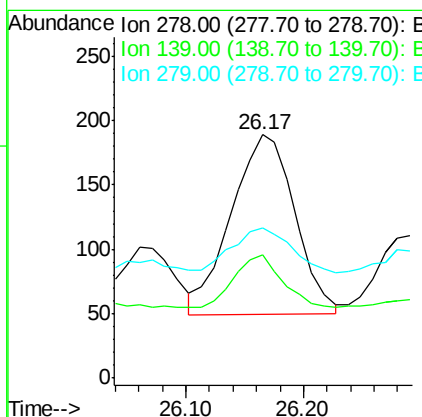
Manual Integrations
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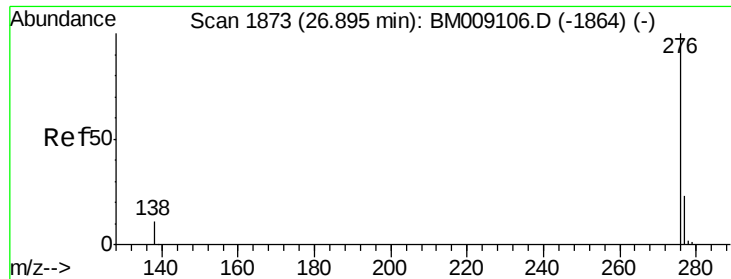
mohammad
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.14 ng/ul m
 RT: 26.17 min Scan# 1803
 Delta R.T. -0.02 min
 Lab File: BM009120.D
 Acq: 08 Mar 2017 21:41

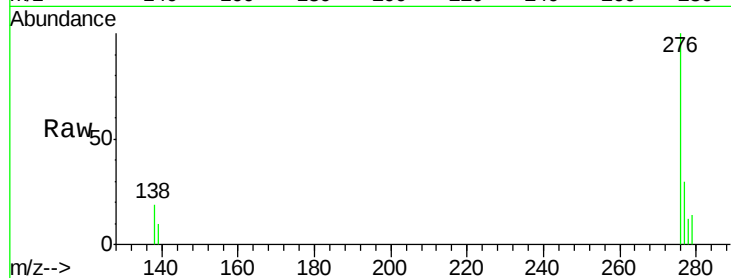
Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	50.8	17.4	26.0#
279	61.9	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 0.50 ng/ul m
 RT: 26.89 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BM009120.D
 Acq: 08 Mar 2017 21:41

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7



Tgt Ion:	276	Resp:	1854
Ion Ratio	Lower	Upper	
276	100		
277	30.2	21.8	32.8
138	18.9	20.5	30.7#

Manual Integrations
 APPROVED

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