

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
 Data File : BM009185.D
 Acq On : 10 Mar 2017 21:09
 Operator : SJ/MA
 Sample : I2107-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ6

Manual Integrations
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mohammad
 3/13/2017 2:14:16 PM

Quant Time: Mar 11 02:28:21 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	349	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	1141	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	854	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1777m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1704	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1330m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	349	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	918m	0.17	ng/ul	0.00
Target Compounds						
						Qvalue
3) Naphthalene	10.73	128	28049	8.53	ng/ul#	93
5) 2-Methylnaphthalene	12.34	142	29125	12.31	ng/ul	100
7) Acenaphthylene	14.23	152	3178	0.72	ng/ul#	79
8) Acenaphthene	14.59	153	1213	0.36	ng/ul#	70
9) Fluorene	15.56	166	1394m	0.35	ng/ul	
12) Phenanthrene	17.30	178	40396	7.24	ng/ul	97
13) Anthracene	17.40	178	5541	1.01	ng/ul	94
15) Fluoranthene	19.33	202	69314	9.52	ng/ul	93
17) Pyrene	19.69	202	62933	10.74	ng/ul	96
18) Benzo(a)anthracene	21.42	228	33865	5.98	ng/ul	94
19) Chrysene	21.47	228	44444	8.28	ng/ul	93
21) Benzo(b)fluoranthene	23.07	252	64272m	12.30	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	19477m	4.22	ng/ul	
23) Benzo(a)pyrene	23.67	252	32097m	6.83	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	27335m	4.57	ng/ul	
25) Dibenzo(a,h)anthracene	26.16	278	7169m	1.43	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	24073m	4.72	ng/ul	

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

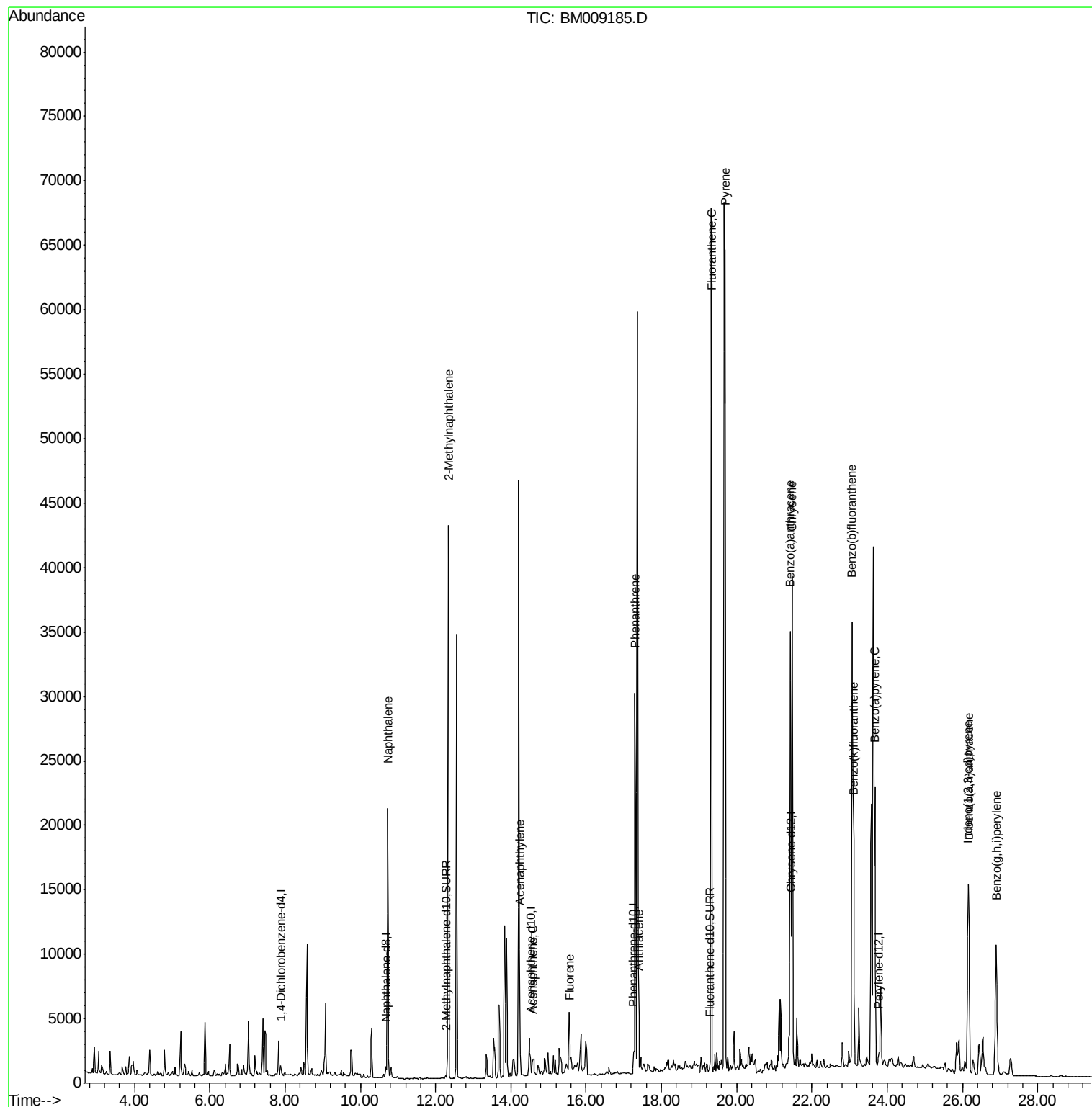
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
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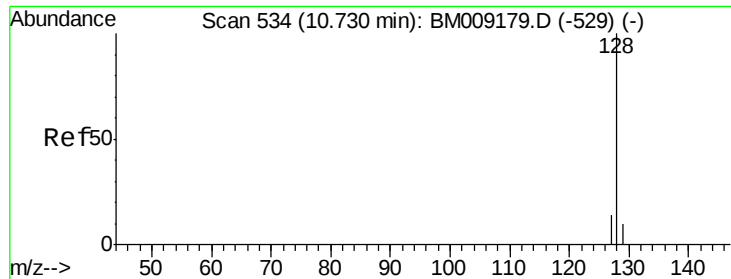
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#3

Naphthalene

Concen: 8.53 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

Instrument :

BNA_M

ClientSampleId :

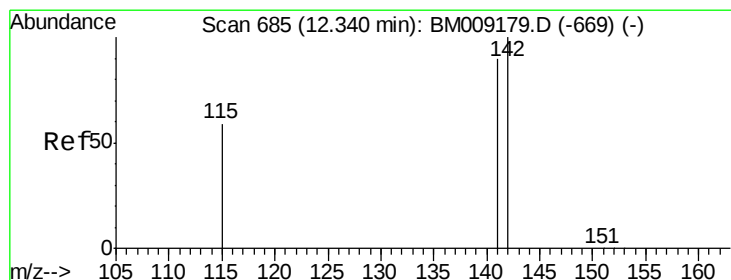
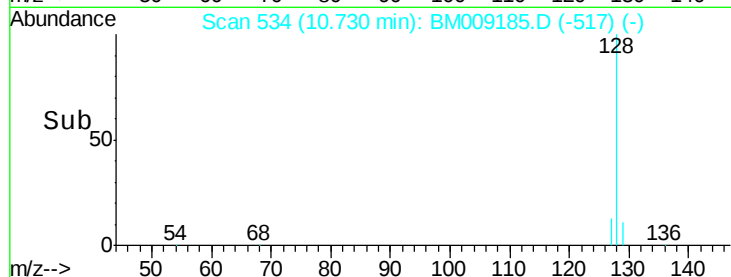
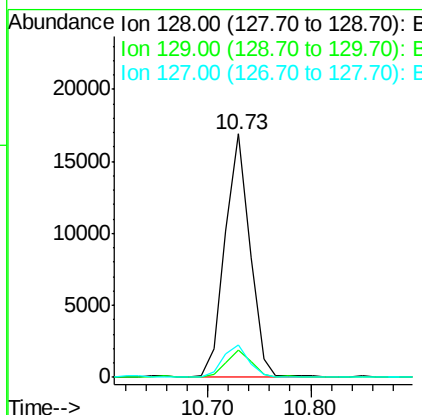
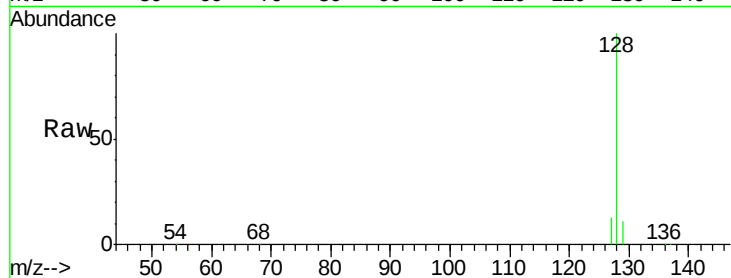
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Tgt Ion:128 Resp: 28049

Ion	Ratio	Lower	Upper
128	100		
129	11.3	11.3	16.9#
127	13.3	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 12.31 ng/ul

RT: 12.34 min Scan# 685

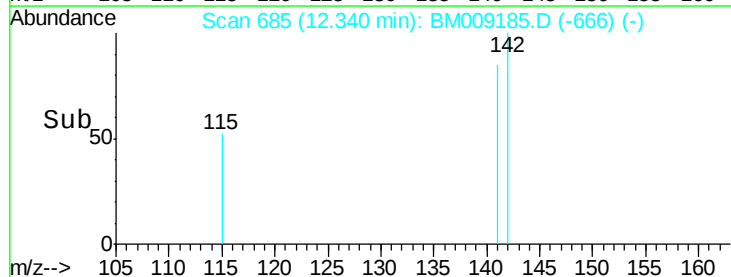
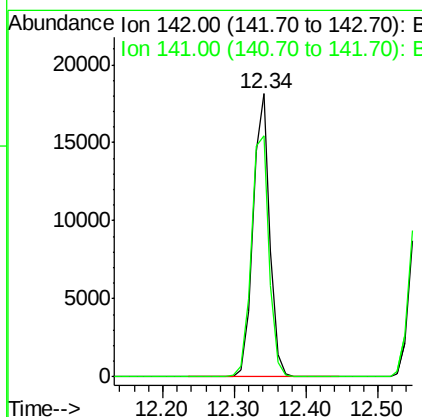
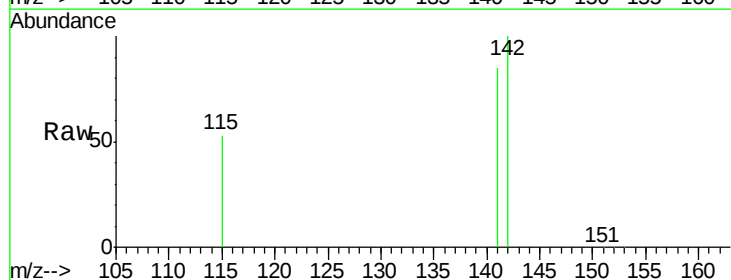
Delta R.T. -0.00 min

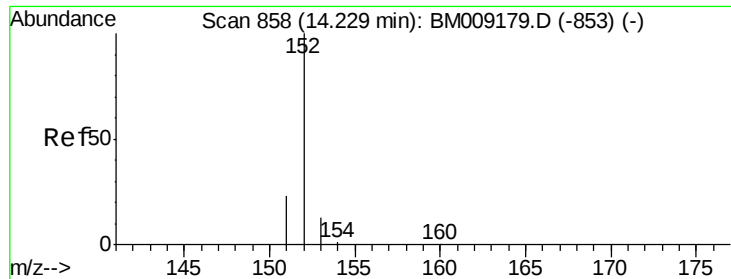
Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

Tgt Ion:142 Resp: 29125

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.72 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

Instrument :

BNA_M

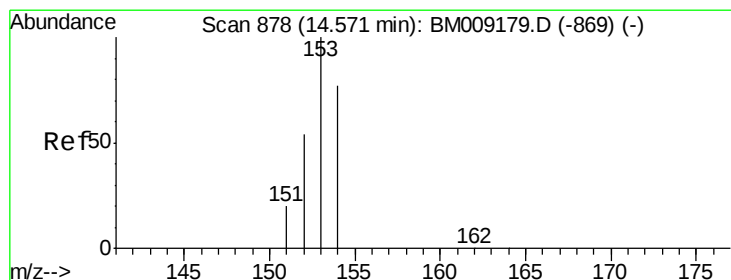
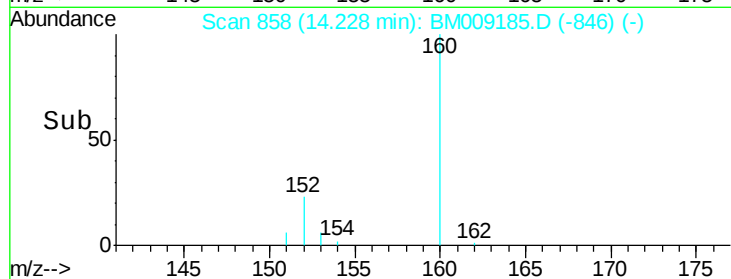
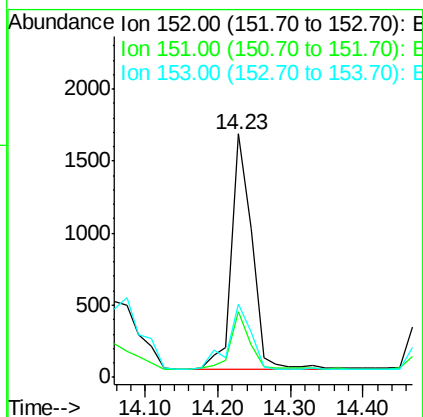
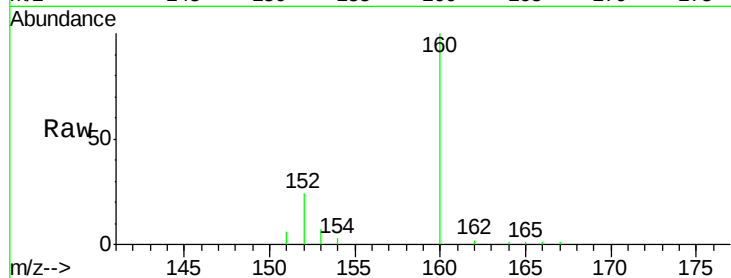
ClientSampleId :

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Tgt Ion:	152	Resp:	3178
Ion Ratio	Lower	Upper	
152	100		
151	27.2	17.1	25.7#
153	30.1	12.8	19.2#

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#8

Acenaphthene

Concen: 0.36 ng/ul

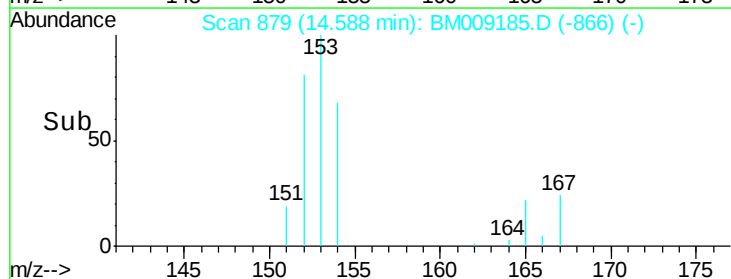
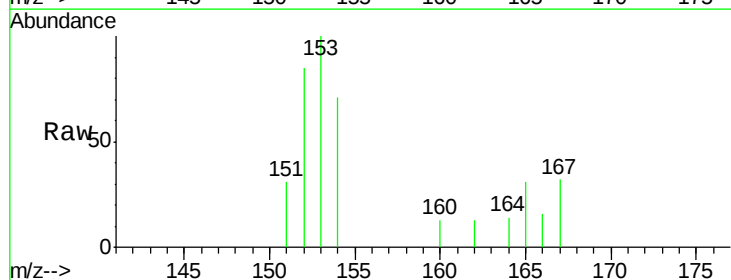
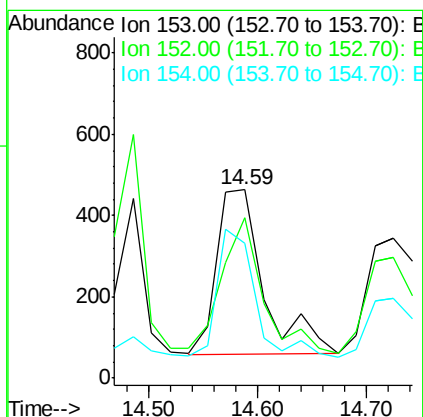
RT: 14.59 min Scan# 879

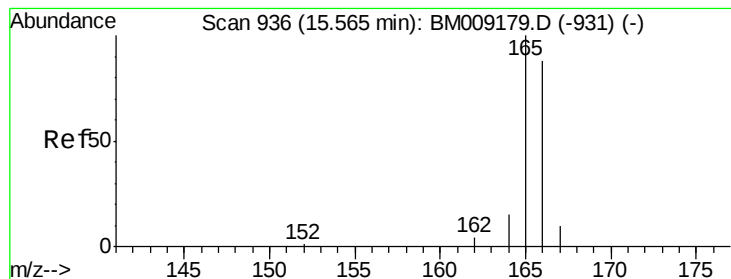
Delta R.T. 0.02 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

Tgt Ion:	153	Resp:	1213
Ion Ratio	Lower	Upper	
153	100		
152	85.1	40.3	60.5#
154	71.3	71.4	107.2#





#9

Fluorene

Concen: 0.35 ng/ul m

RT: 15.56 min Scan# 936

Delta R.T. -0.00 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

Instrument :

BNA_M

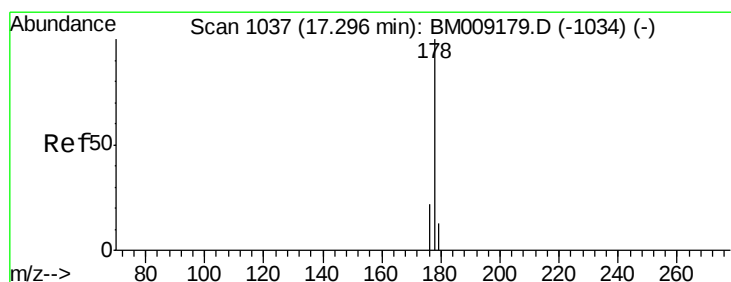
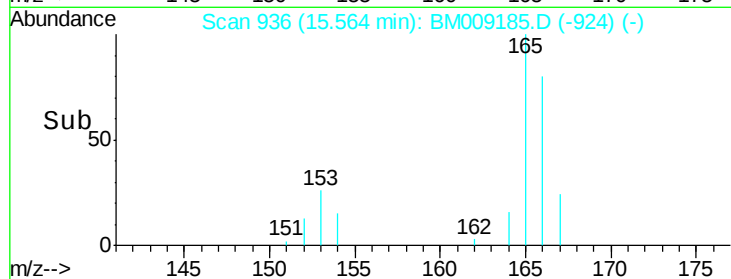
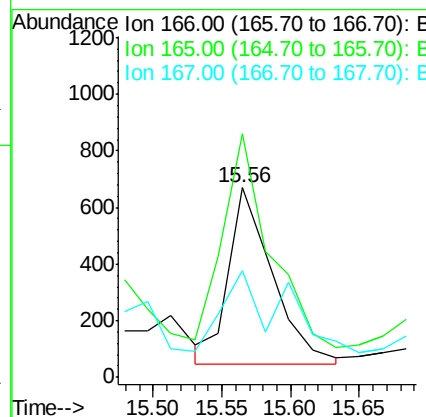
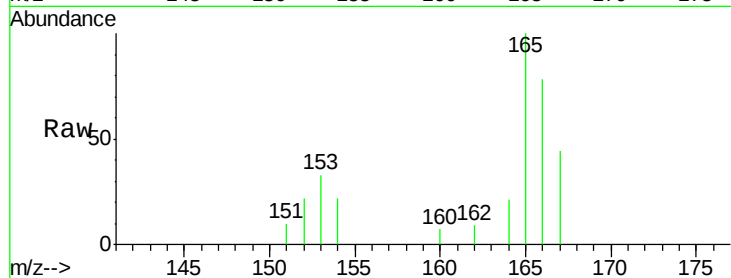
ClientSampleId :

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Tgt Ion:	166	Resp:	1394
Ion Ratio	Lower	Upper	
166	100		
165	128.4	73.4	110.2#
167	56.3	14.6	22.0#

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#12

Phenanthrene

Concen: 7.24 ng/ul

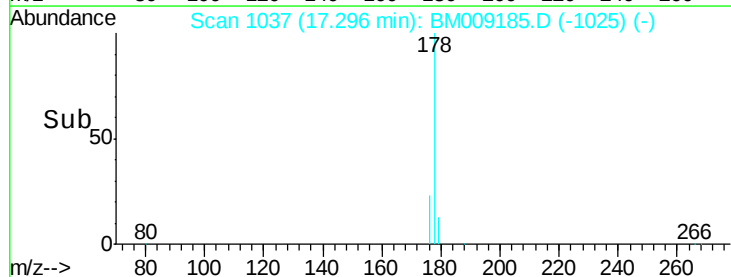
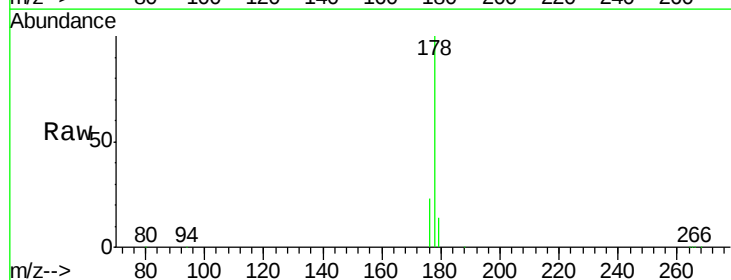
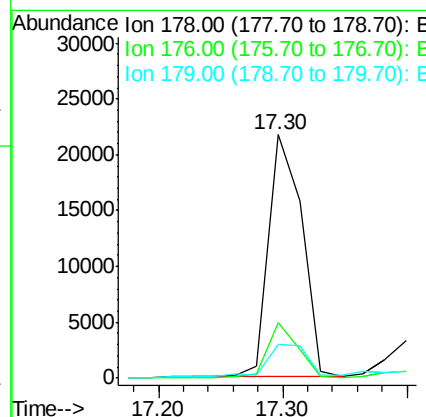
RT: 17.30 min Scan# 1037

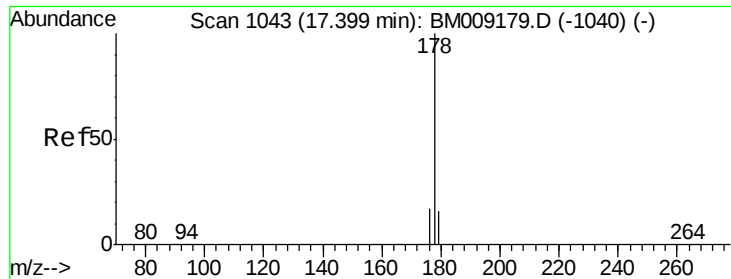
Delta R.T. -0.00 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

Tgt Ion:	178	Resp:	40396
Ion Ratio	Lower	Upper	
178	100		
176	23.0	18.4	27.6
179	13.8	13.6	20.4





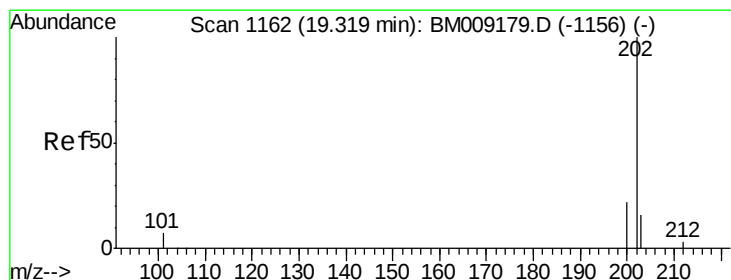
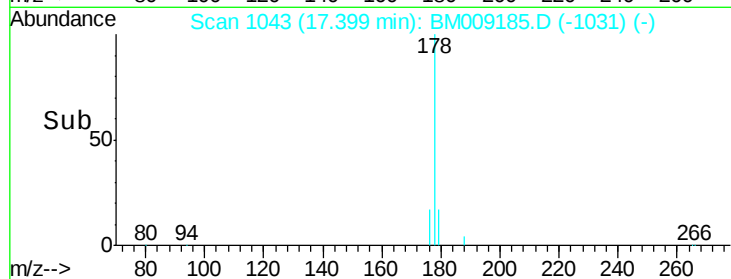
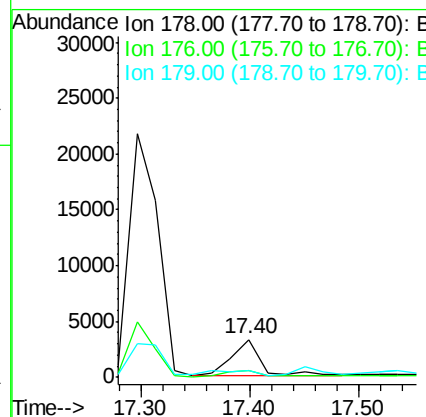
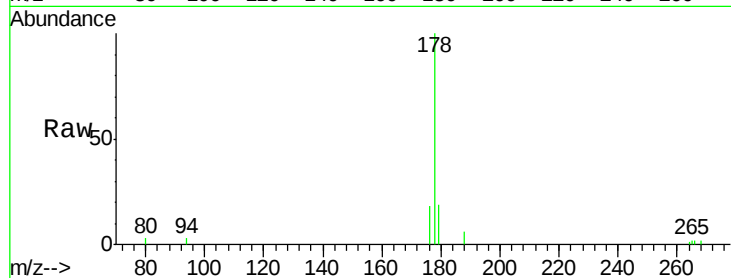
#13
 Anthracene
 Concen: 1.01 ng/ul
 RT: 17.40 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BM009185.D
 Acq: 10 Mar 2017 21:09

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:	178	Resp:	5541
Ion Ratio	Lower	Upper	
178	100		
176	18.3	18.1	27.1
179	19.3	14.7	22.1

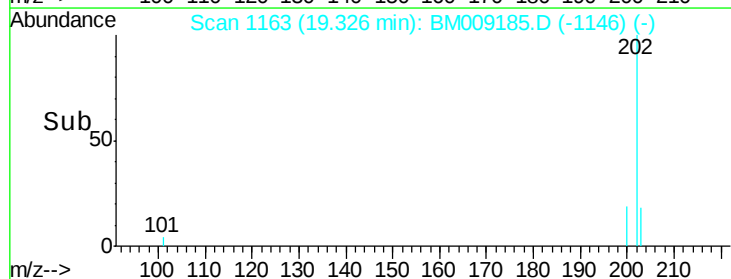
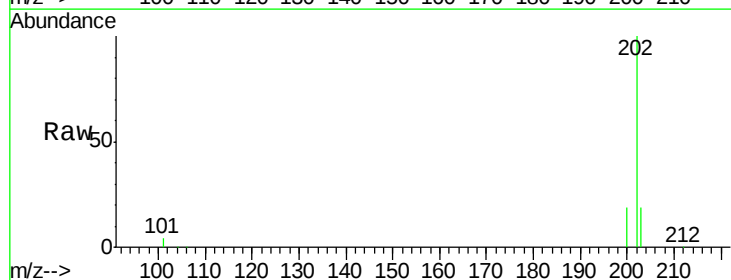
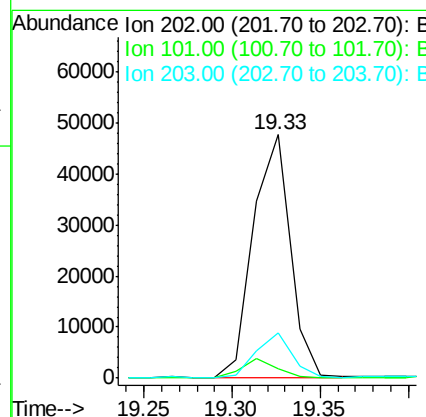
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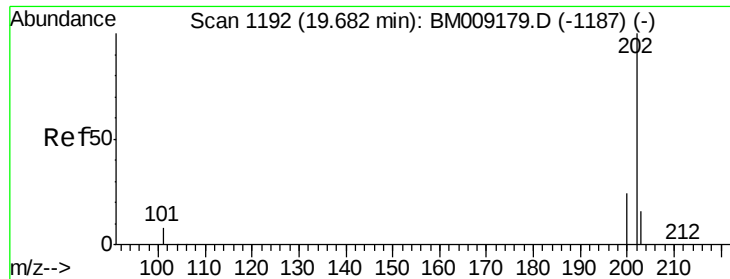
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#15
 Fluoranthene
 Concen: 9.52 ng/ul
 RT: 19.33 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BM009185.D
 Acq: 10 Mar 2017 21:09

Tgt Ion:	202	Resp:	69314
Ion Ratio	Lower	Upper	
202	100		
101	4.0	0.0	30.3
203	18.6	0.0	39.5





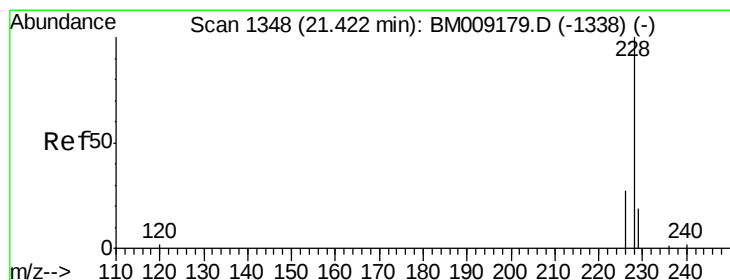
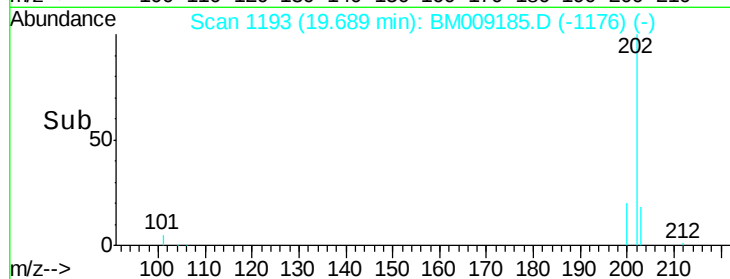
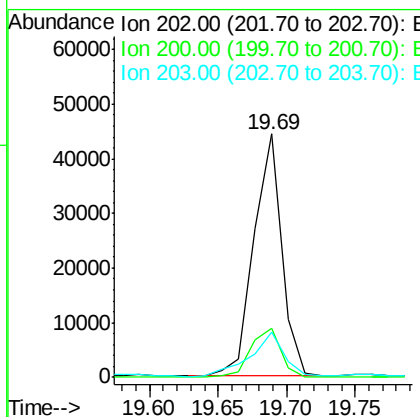
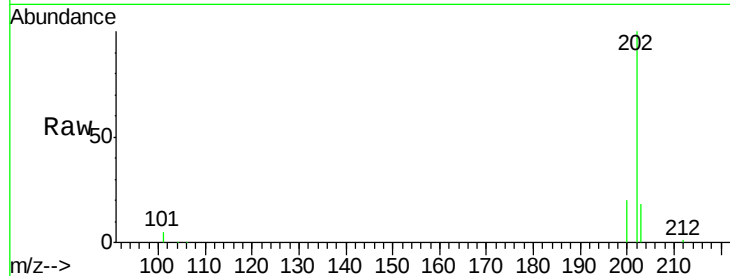
#17
 Pyrene
 Concen: 10.74 ng/ul
 RT: 19.69 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BM009185.D
 Acq: 10 Mar 2017 21:09

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 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	62933		
200	19.9		18.2	27.4
203	18.5		15.6	23.4

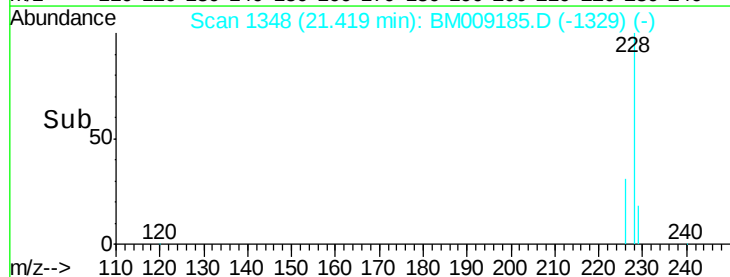
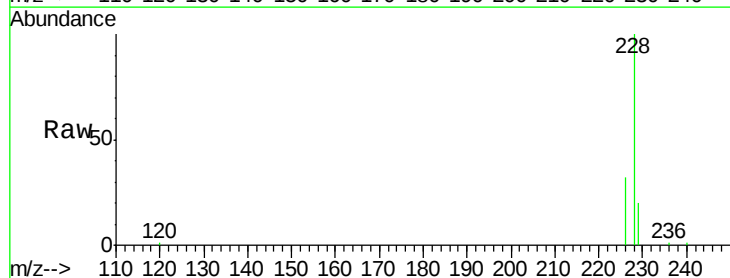
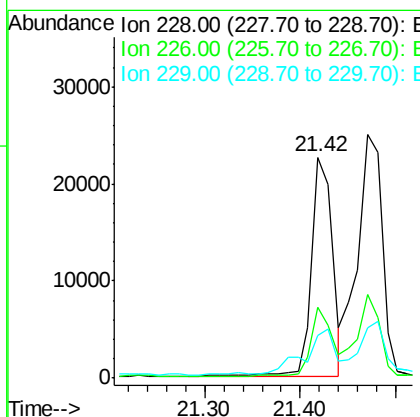
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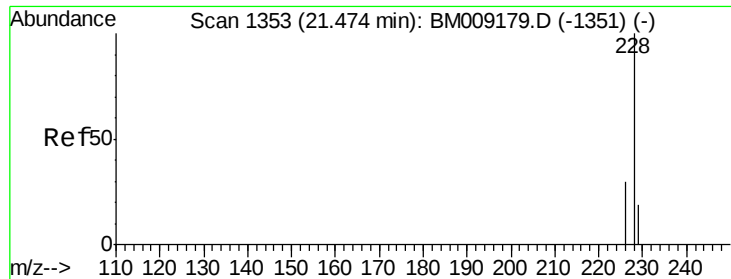
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#18
 Benzo(a)anthracene
 Concen: 5.98 ng/ul
 RT: 21.42 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BM009185.D
 Acq: 10 Mar 2017 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	33865		
226	32.2		22.8	34.2
229	19.5		17.0	25.6





#19

Chrysene

Concen: 8.28 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

Instrument :

BNA_M

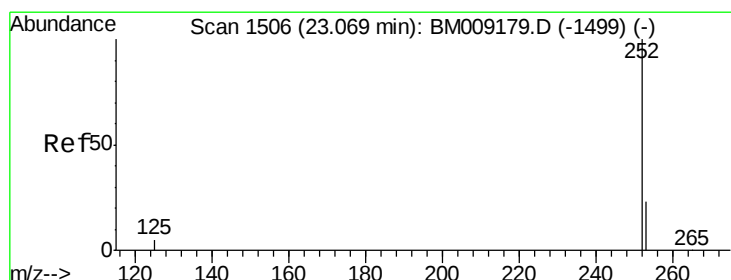
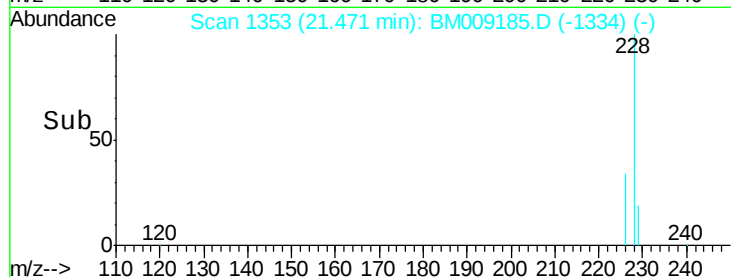
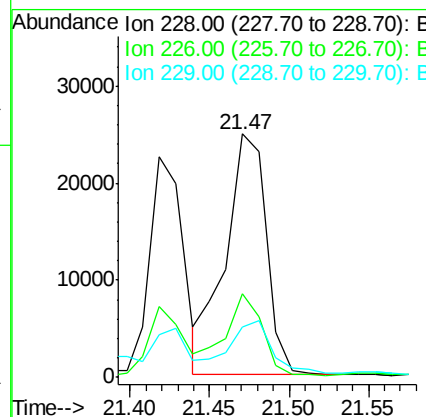
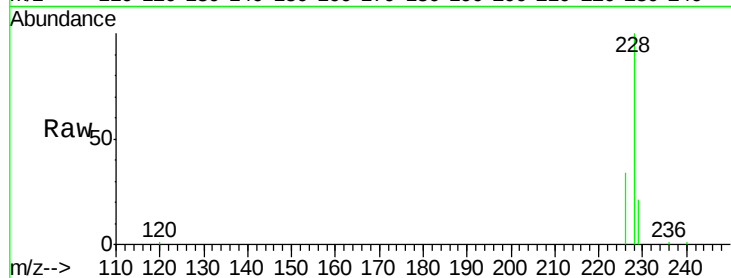
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Tgt Ion:	228	Resp:	44444
Ion Ratio	Lower	Upper	
228	100		
226	34.3	23.4	35.0
229	20.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 12.30 ng/ul m

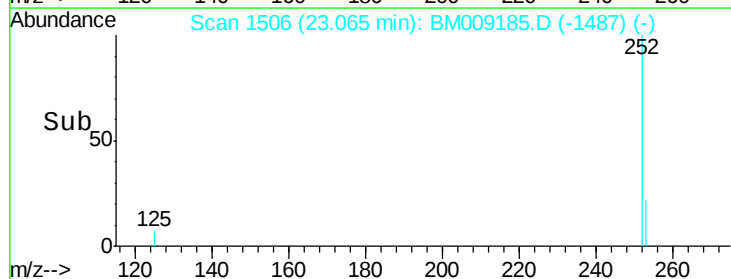
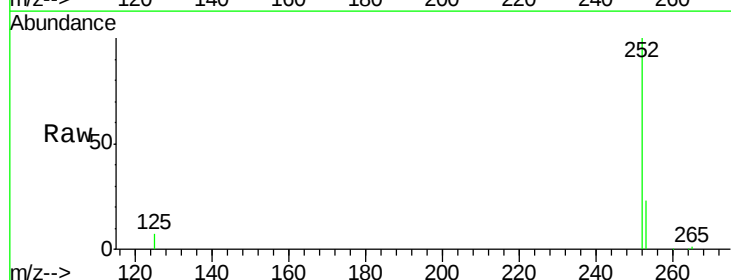
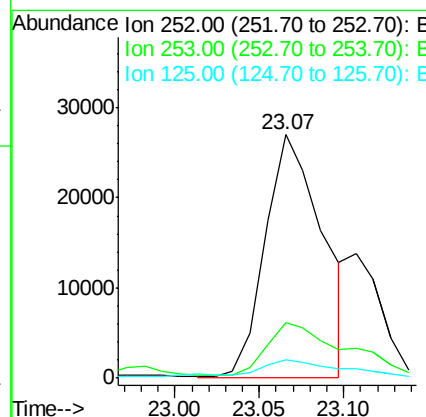
RT: 23.07 min Scan# 1506

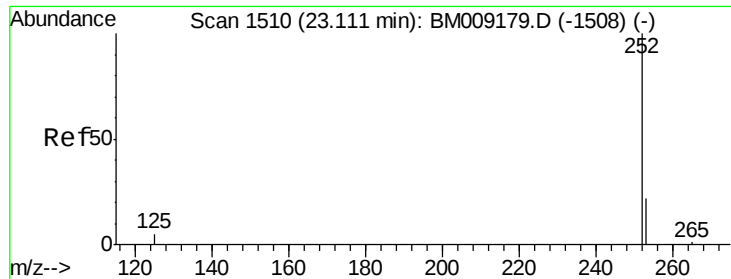
Delta R.T. -0.00 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

Tgt Ion:	252	Resp:	64272
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	64.2
125	7.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 4.22 ng/ul m

RT: 23.11 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

Instrument :

BNA_M

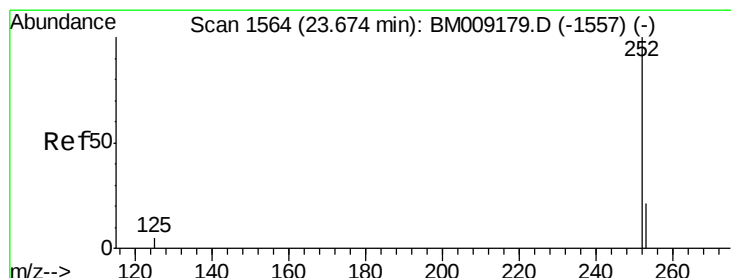
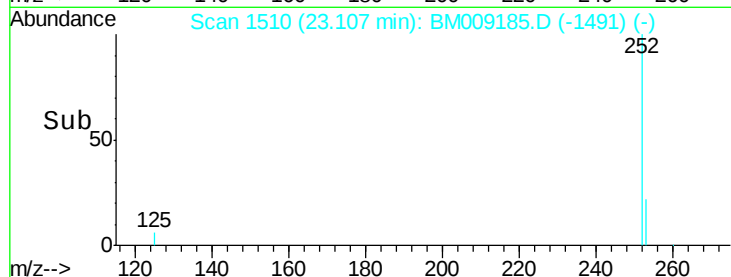
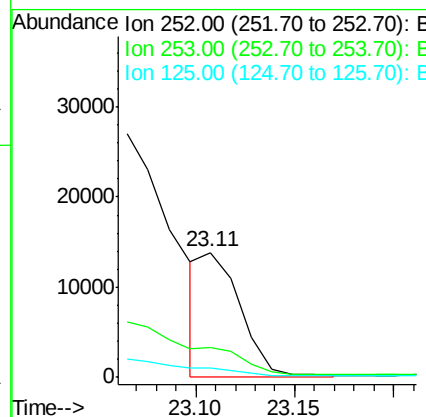
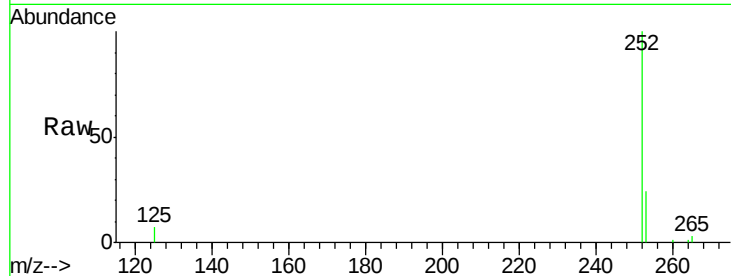
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	24.5	36.7#
125	7.5	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 6.83 ng/ul m

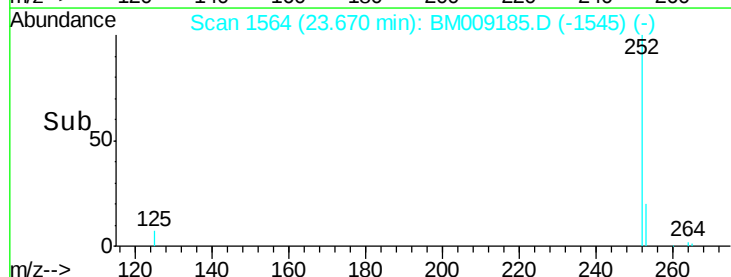
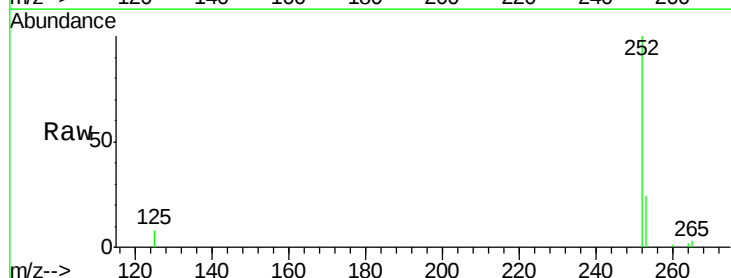
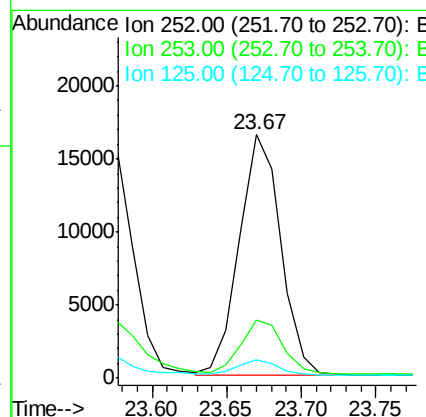
RT: 23.67 min Scan# 1564

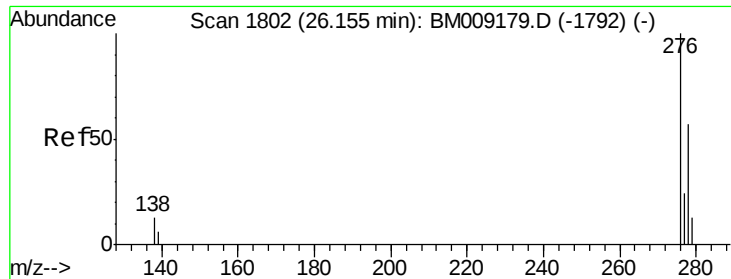
Delta R.T. -0.00 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	7.8	18.1	27.1#





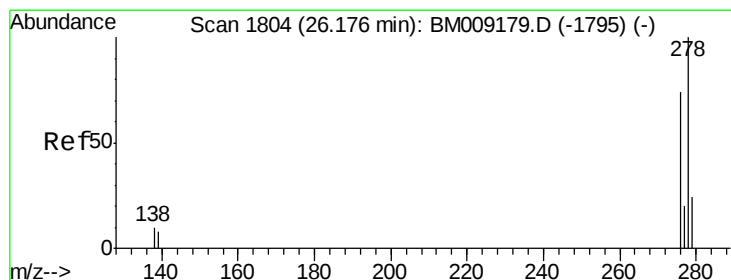
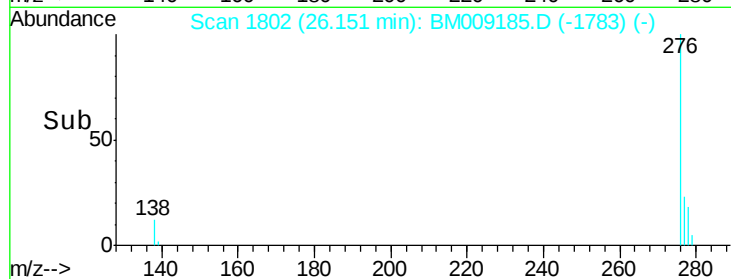
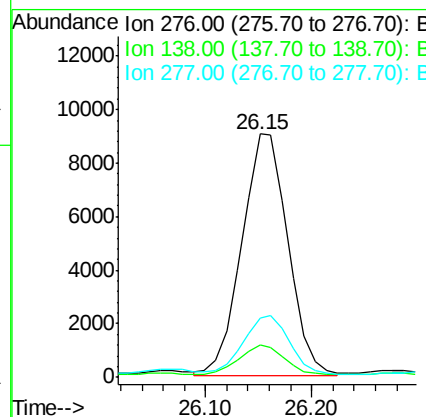
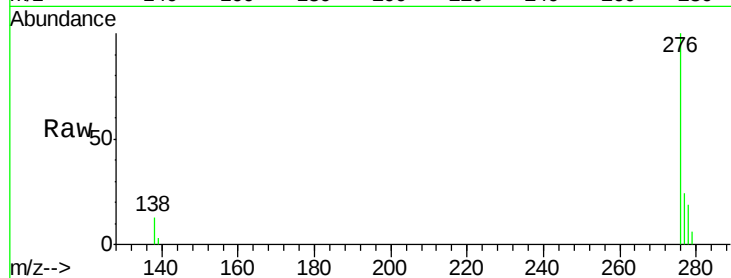
#24
Indeno(1,2,3-cd)pyrene
Concen: 4.57 ng/ul m
RT: 26.15 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BM009185.D
Acq: 10 Mar 2017 21:09

Instrument :
BNA_M
ClientSampleId :
C0AJ6

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	0.4	19.1	28.7#
277	0.8	19.6	29.4#

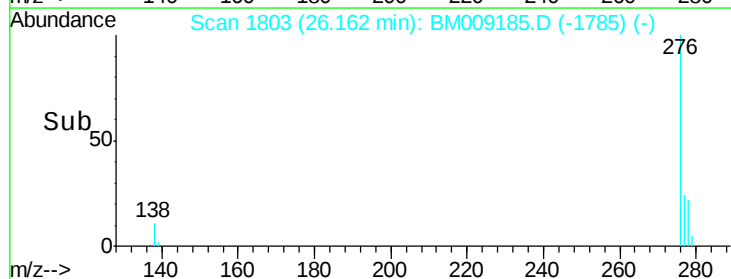
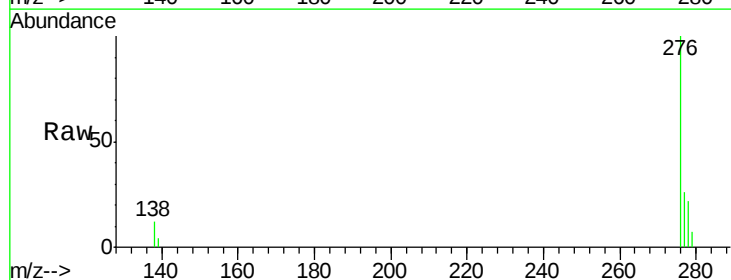
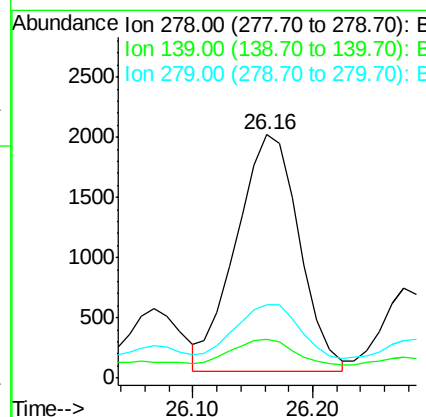
Manual Integrations
APPROVED

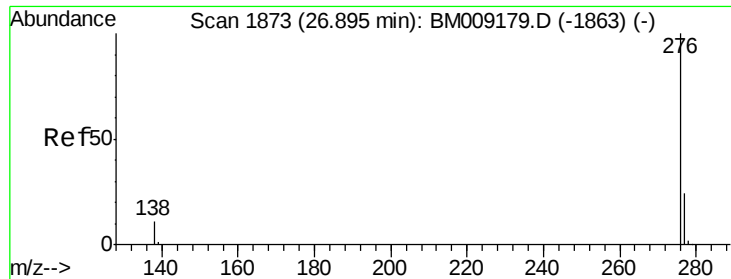
mohammad
3/13/2017 2:14:16 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.43 ng/ul m
RT: 26.16 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BM009185.D
Acq: 10 Mar 2017 21:09

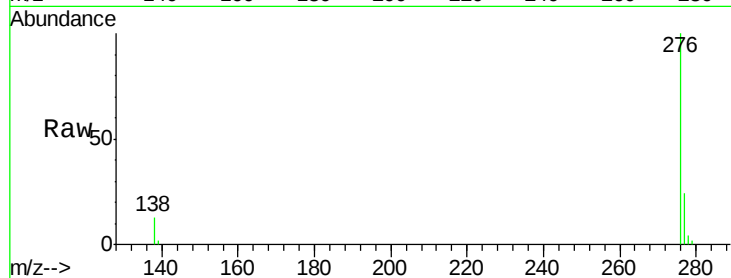
Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	15.8	17.4	26.0#
279	30.0	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 4.72 ng/ul m
 RT: 26.89 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BM009185.D
 Acq: 10 Mar 2017 21:09

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ6



Tgt Ion:	276	Resp:	24073
Ion Ratio	Lower	Upper	
276	100		
277	24.2	21.8	32.8
138	12.9	20.5	30.7#

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:16 PM

