

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
 Data File : BM009189.D
 Acq On : 10 Mar 2017 23:32
 Operator : SJ/MA
 Sample : I2107-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL3

Manual Integrations
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Quant Time: Mar 11 03:18:55 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	263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	868	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	544	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1278m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1210	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1012m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	283	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	812	0.20	ng/ul	0.00
Target Compounds						
						Qvalue
3) Naphthalene	10.73	128	258	0.10	ng/ul#	56
5) 2-Methylnaphthalene	12.34	142	154	0.09	ng/ul	96
7) Acenaphthylene	14.23	152	215	0.08	ng/ul#	44
8) Acenaphthene	14.57	153	228	0.10	ng/ul#	87
9) Fluorene	15.56	166	303	0.12	ng/ul#	81
12) Phenanthrene	17.30	178	5371	1.34	ng/ul	98
13) Anthracene	17.40	178	1147	0.29	ng/ul#	92
15) Fluoranthene	19.33	202	10254	1.96	ng/ul	94
17) Pyrene	19.69	202	8396	2.02	ng/ul	97
18) Benzo(a)anthracene	21.42	228	3759	0.93	ng/ul	98
19) Chrysene	21.47	228	3598	0.94	ng/ul	94
21) Benzo(b)fluoranthene	23.07	252	4757m	1.20	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	1335m	0.38	ng/ul	
23) Benzo(a)pyrene	23.67	252	3078m	0.86	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	1923m	0.42	ng/ul	
25) Dibenzo(a,h)anthracene	26.16	278	474m	0.12	ng/ul	
26) Benzo(g,h,i)perylene	26.88	276	1707m	0.44	ng/ul	

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

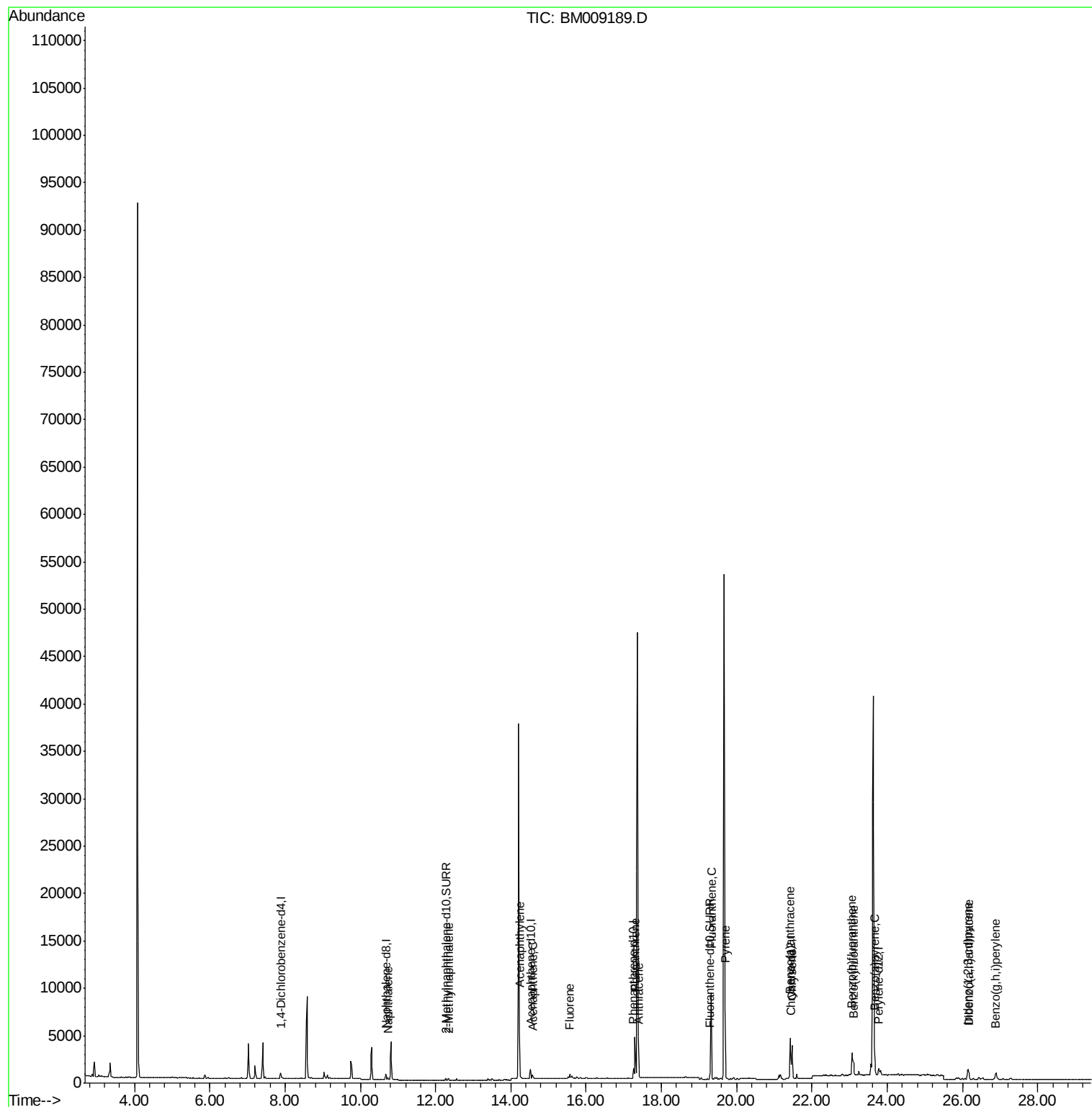
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
Data File : BM009189.D
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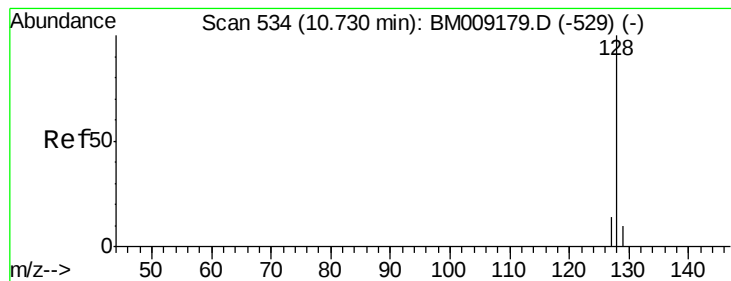
Instrument :
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#3

Naphthalene

Concen: 0.10 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

Instrument :

BNA_M

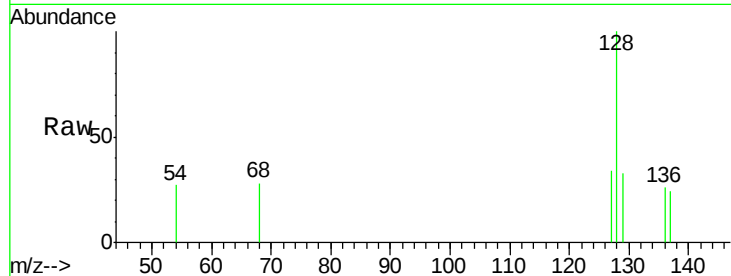
ClientSampleId :

C0AL3

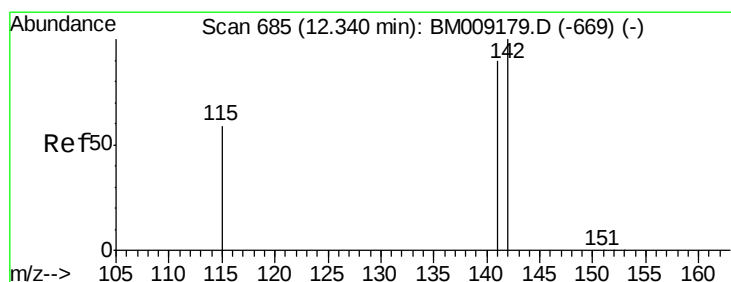
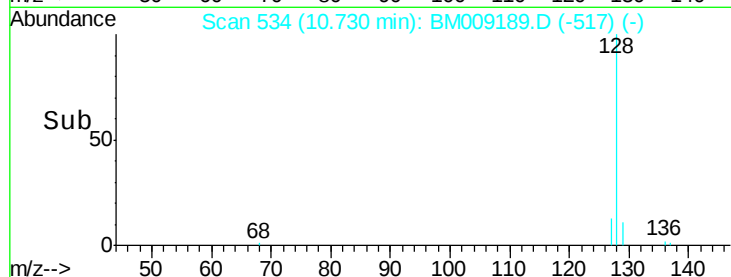
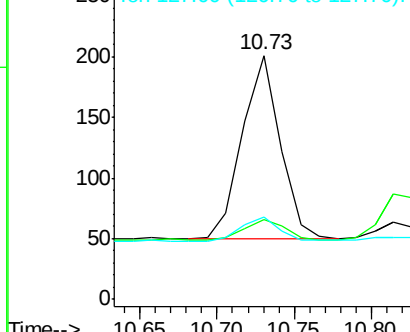
Tgt Ion:	128	Resp:	258
Ion Ratio	Lower	Upper	
128	100		
129	32.8	11.3	16.9#
127	33.8	12.8	19.2#

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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



#5

2-Methylnaphthalene

Concen: 0.09 ng/ul

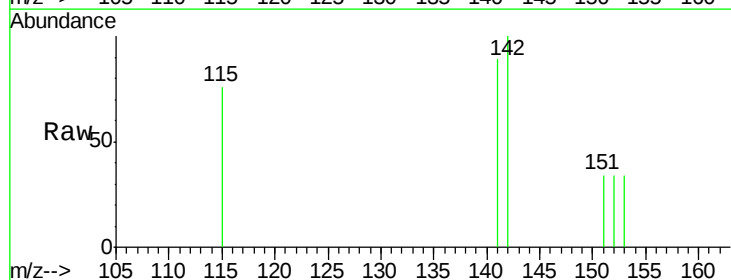
RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

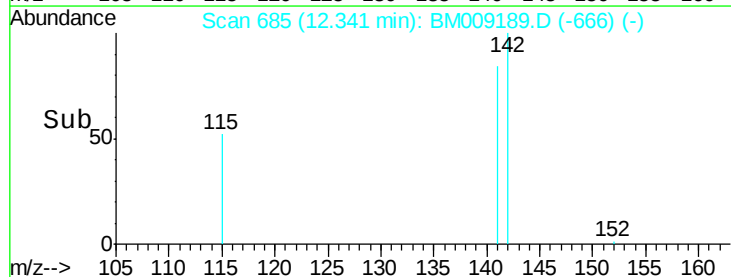
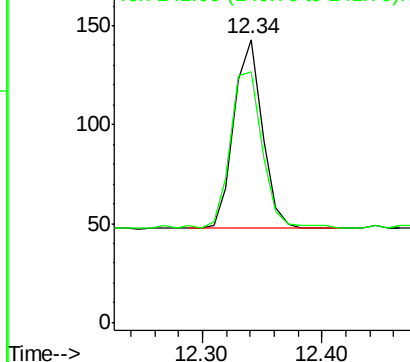
Lab File: BM009189.D

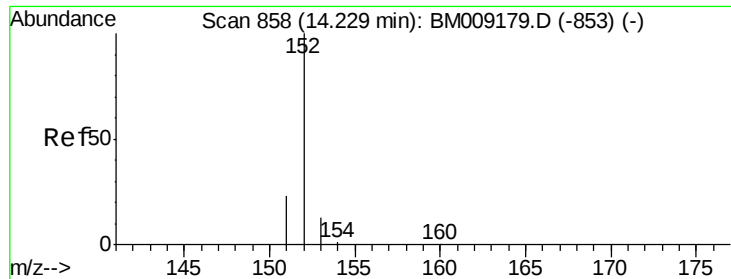
Acq: 10 Mar 2017 23:32

Tgt Ion:	142	Resp:	154
Ion Ratio	Lower	Upper	
142	100		
141	94.8	72.6	108.8



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





#7

Acenaphthylene

Concen: 0.08 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

Instrument :

BNA_M

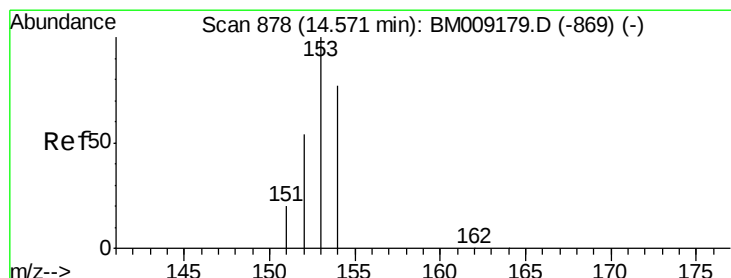
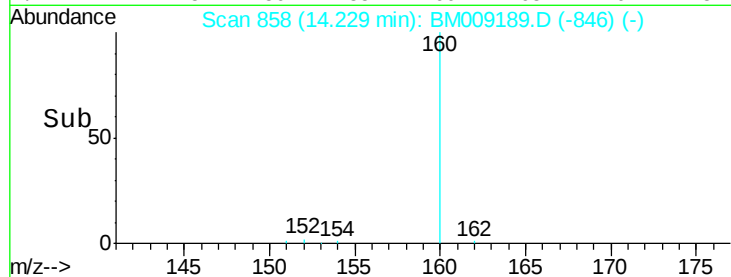
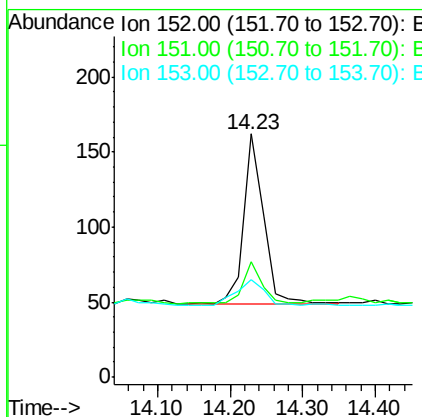
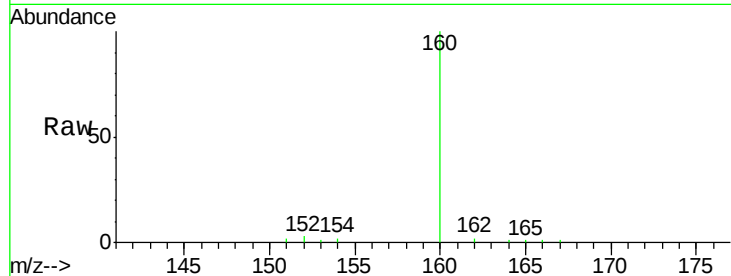
ClientSampleId :

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Tgt Ion:	152	Resp:	215
Ion Ratio	Lower	Upper	
152	100		
151	47.5	17.1	25.7#
153	40.1	12.8	19.2#

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#8

Acenaphthene

Concen: 0.10 ng/ul

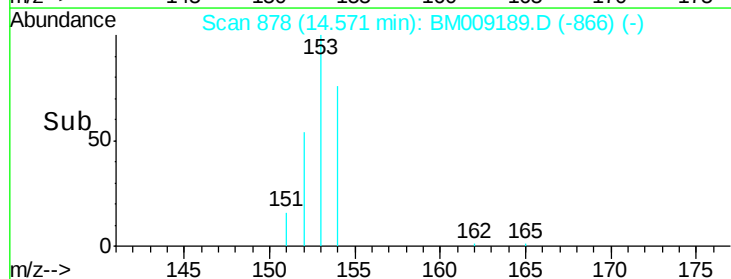
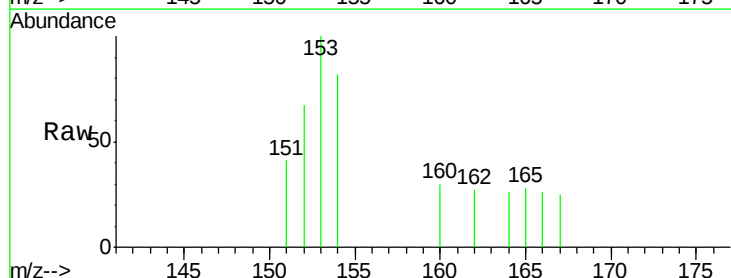
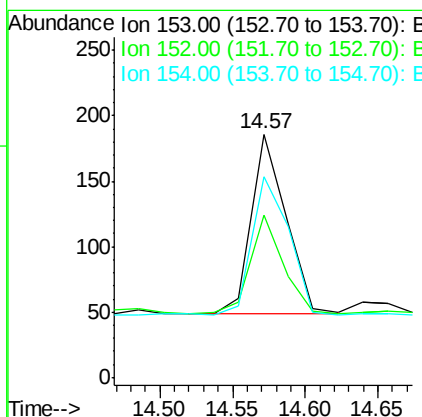
RT: 14.57 min Scan# 878

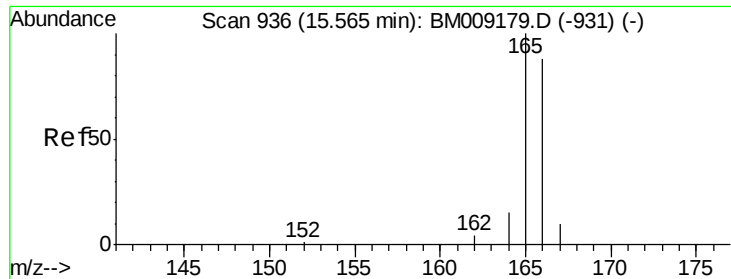
Delta R.T. 0.00 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

Tgt Ion:	153	Resp:	228
Ion Ratio	Lower	Upper	
153	100		
152	66.7	40.3	60.5#
154	82.3	71.4	107.2





#9

Fluorene

Concen: 0.12 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. 0.00 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

Instrument :

BNA_M

ClientSampleId :

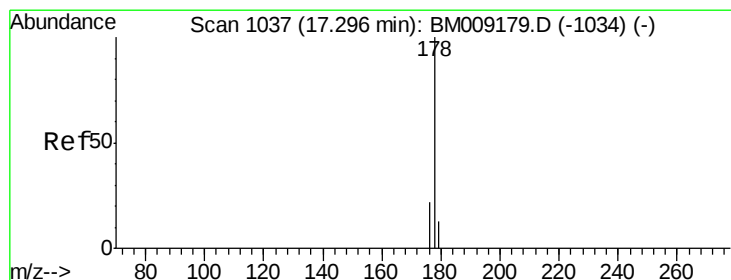
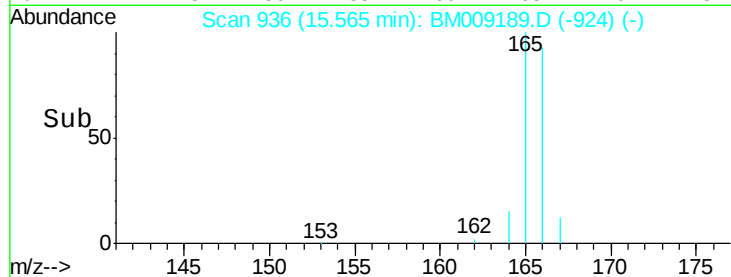
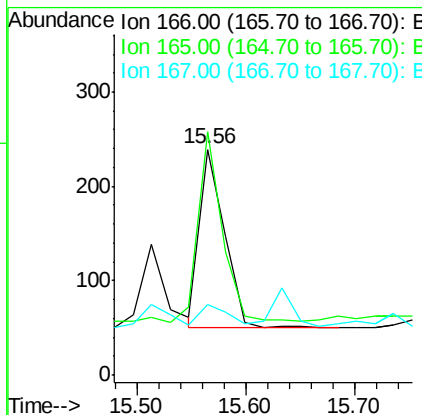
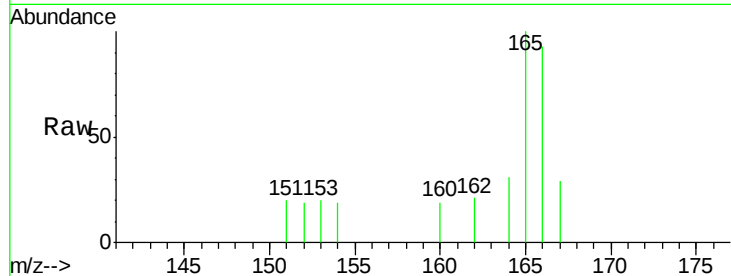
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Tgt Ion:166 Resp: 303

Ion	Ratio	Lower	Upper
166	100		
165	107.9	73.4	110.2
167	31.4	14.6	22.0

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#12

Phenanthrene

Concen: 1.34 ng/ul

RT: 17.30 min Scan# 1037

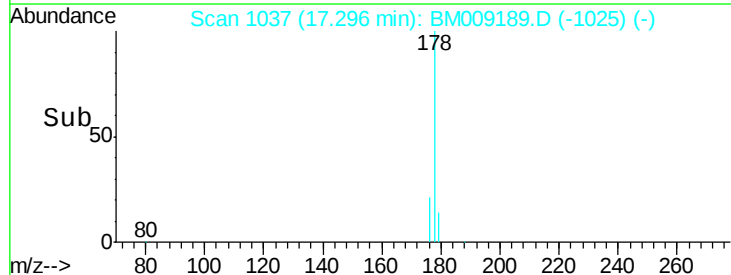
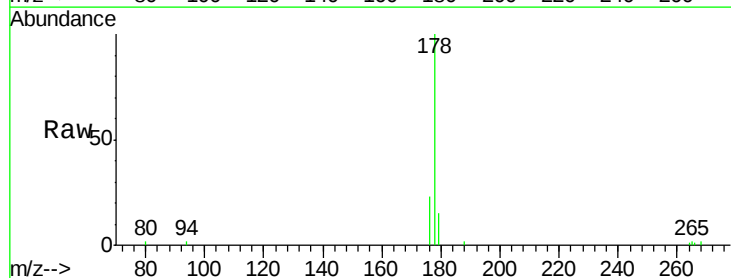
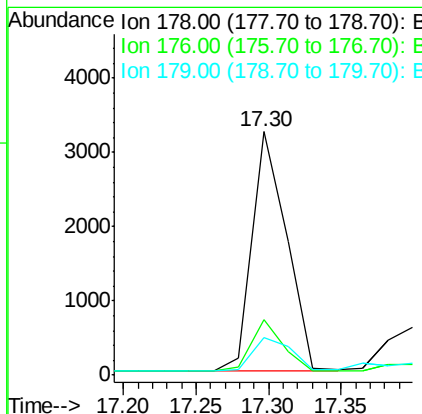
Delta R.T. 0.00 min

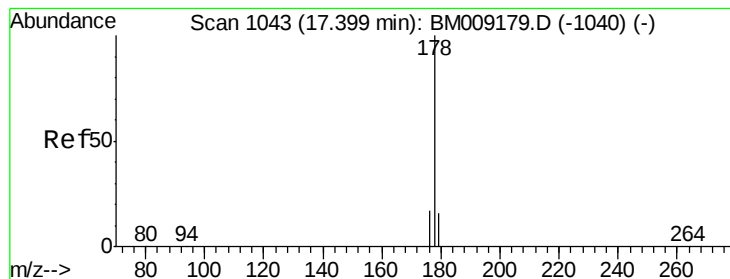
Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

Tgt Ion:178 Resp: 5371

Ion	Ratio	Lower	Upper
178	100		
176	22.7	18.4	27.6
179	15.4	13.6	20.4





#13

Anthracene

Concen: 0.29 ng/ul

RT: 17.40 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

Instrument :

BNA_M

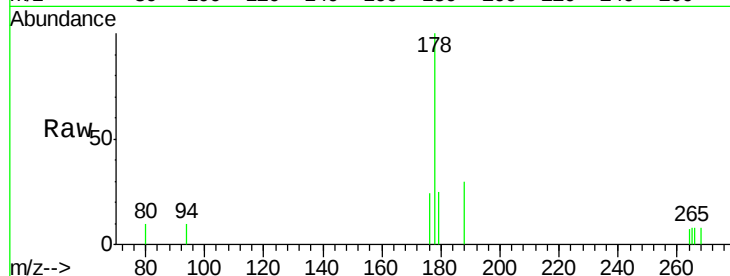
ClientSampleId :

C0AL3

Tgt Ion:	178	Resp:	1147
Ion Ratio	Lower	Upper	
178	100		
176	23.5	18.1	27.1
179	25.4	14.7	22.1#

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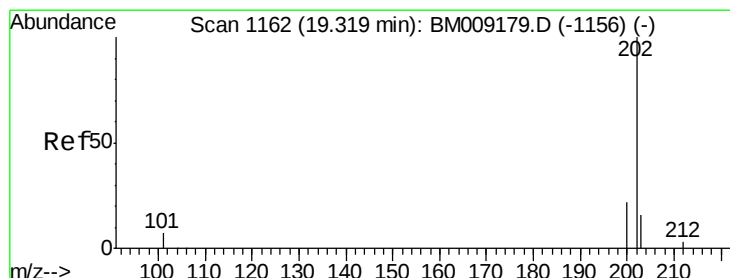
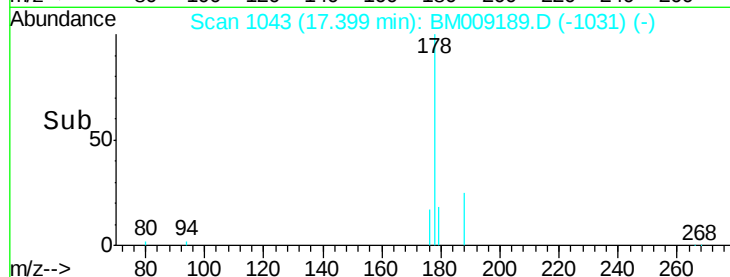
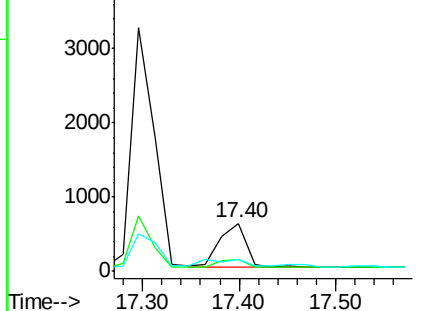
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Fluoranthene

Concen: 1.96 ng/ul

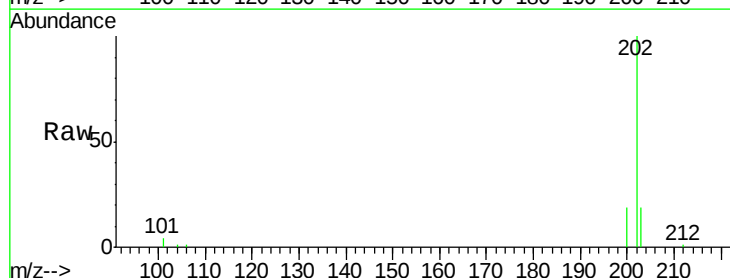
RT: 19.33 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

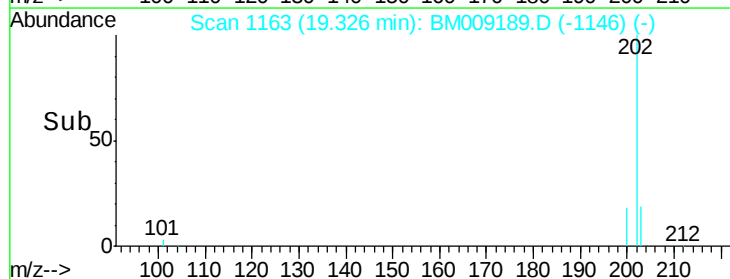
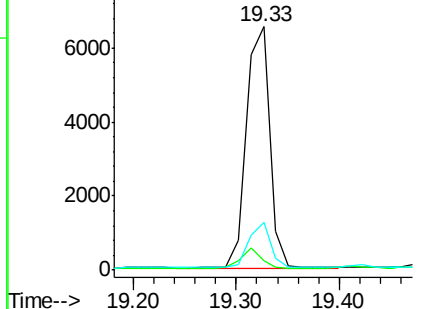
Tgt Ion:	202	Resp:	10254
Ion Ratio	Lower	Upper	
202	100		
101	4.0	0.0	30.3
203	19.5	0.0	39.5

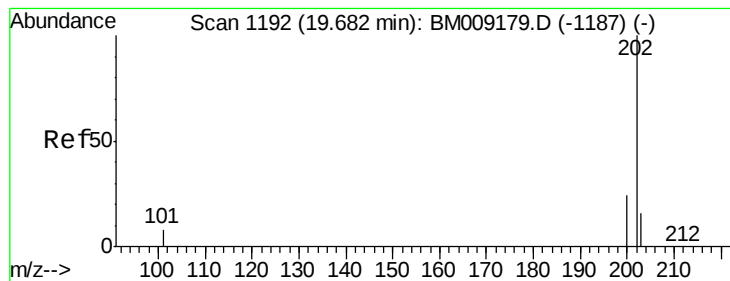


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pyrene

Concen: 2.02 ng/ul

RT: 19.69 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

Instrument :

BNA_M

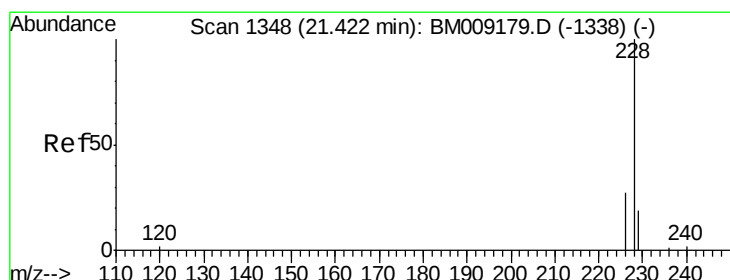
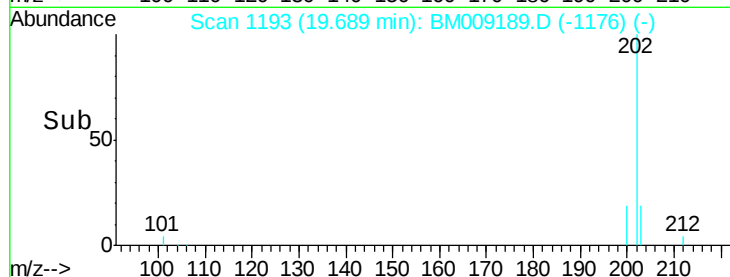
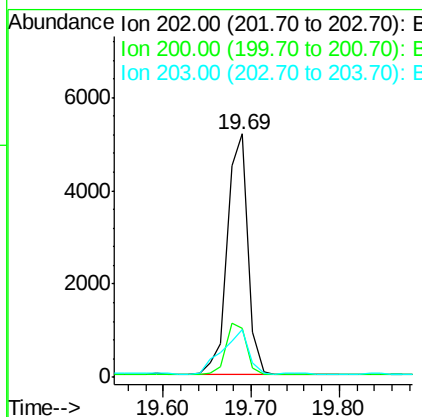
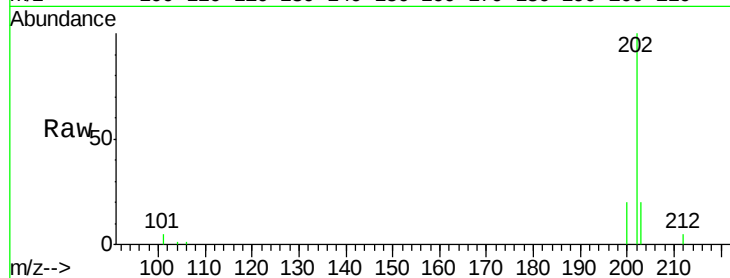
ClientSampleId :

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Tgt Ion:	202	Resp:	8396
Ion Ratio	Lower	Upper	
202	100		
200	19.9	18.2	27.4
203	19.7	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 0.93 ng/ul

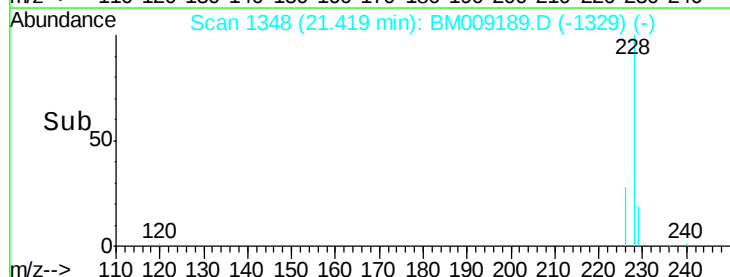
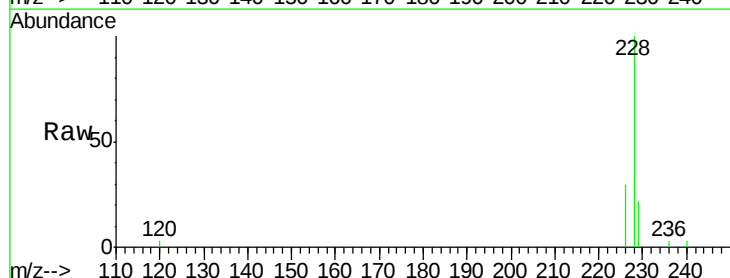
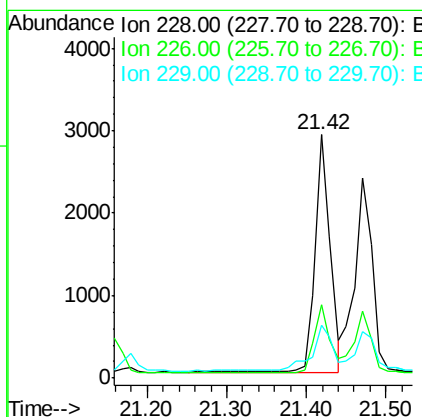
RT: 21.42 min Scan# 1348

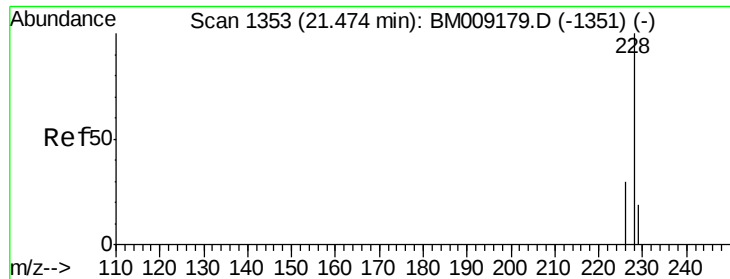
Delta R.T. -0.00 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

Tgt Ion:	228	Resp:	3759
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.8	34.2
229	21.5	17.0	25.6





#19

Chrysene

Concen: 0.94 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

Instrument :

BNA_M

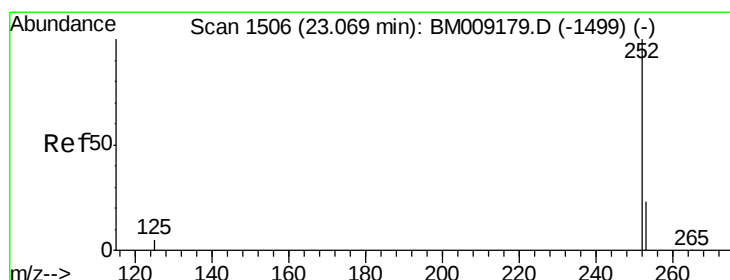
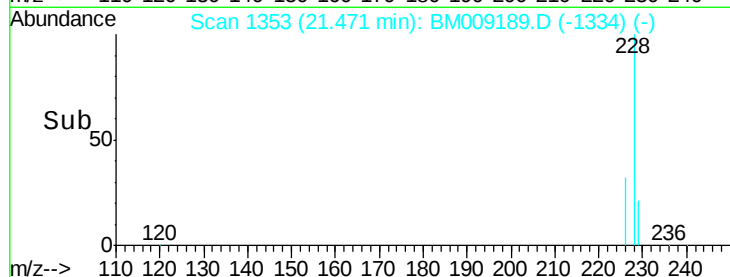
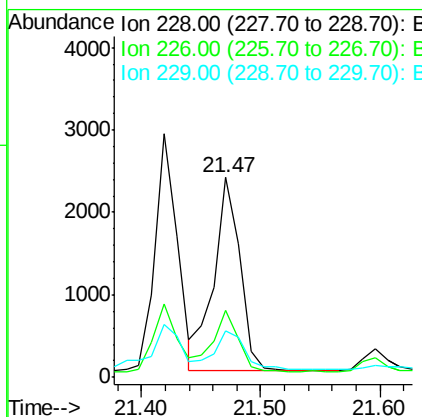
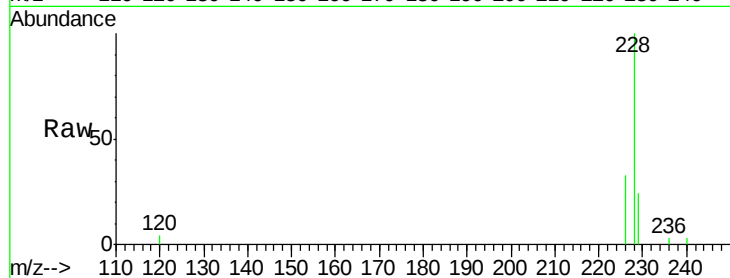
ClientSampleId :

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Tgt Ion:	228	Resp:	3598
Ion Ratio	Lower	Upper	
228	100		
226	33.5	23.4	35.0
229	23.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.20 ng/ul m

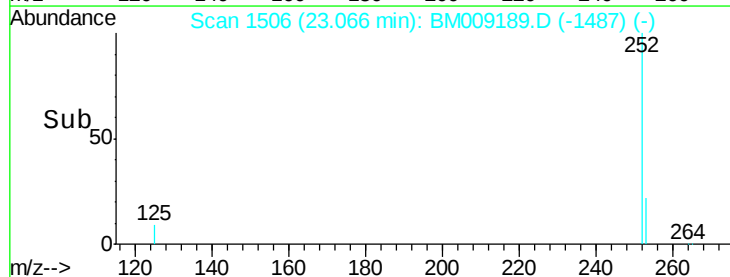
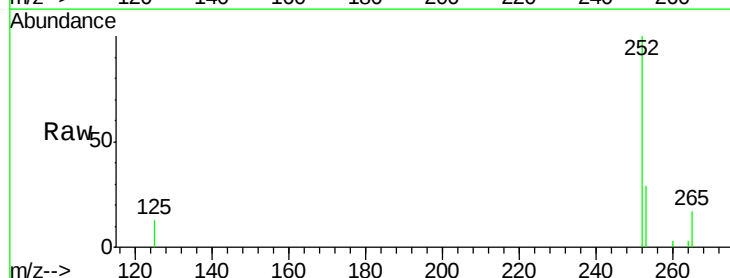
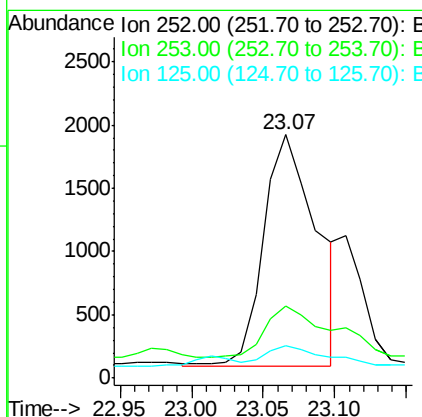
RT: 23.07 min Scan# 1506

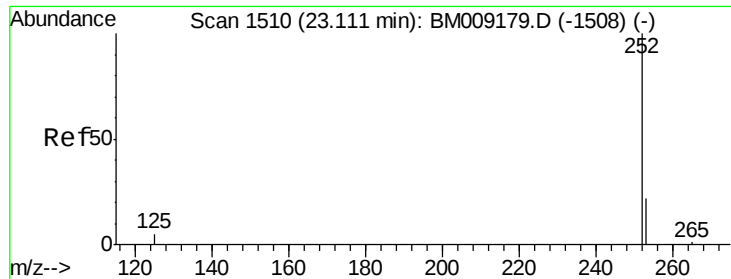
Delta R.T. -0.00 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

Tgt Ion:	252	Resp:	4757
Ion Ratio	Lower	Upper	
252	100		
253	29.5	0.0	64.2
125	13.3	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: BM009189.D

Acq: 10 Mar 2017 23:32

Instrument :

BNA_M

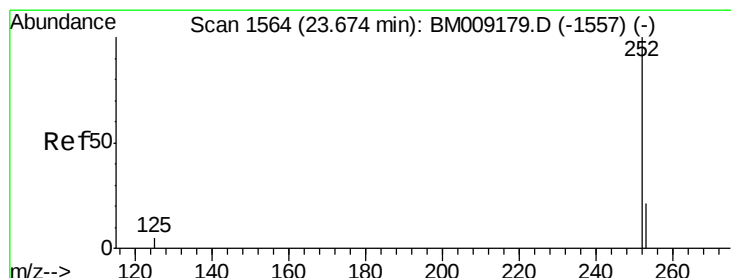
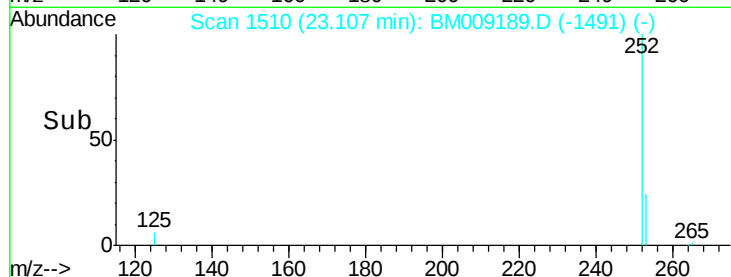
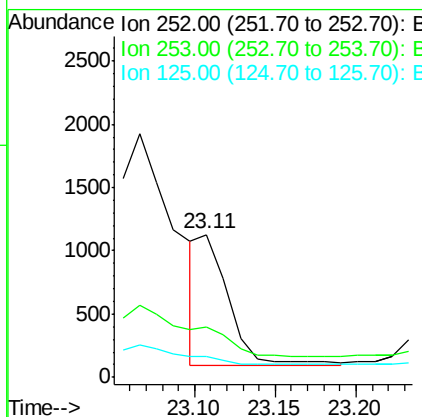
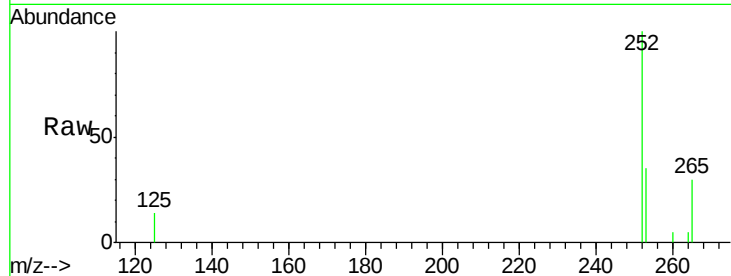
ClientSampleId :

C0AL3

Tgt Ion:	252	Resp:	1335
Ion Ratio	Lower	Upper	
252	100		
253	35.4	24.5	36.7
125	14.3	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 0.86 ng/ul m

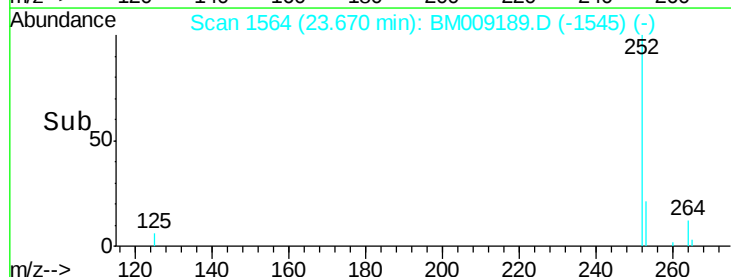
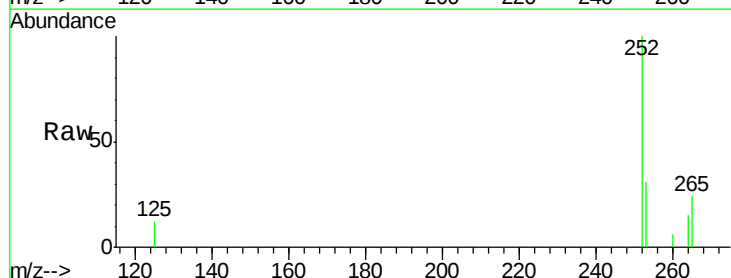
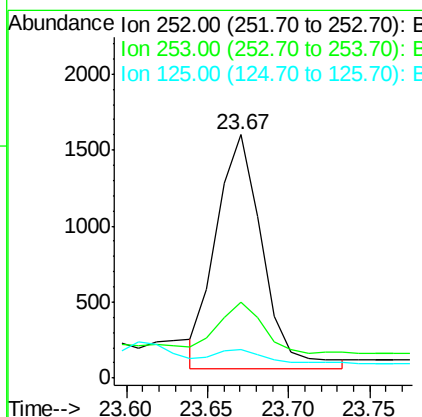
RT: 23.67 min Scan# 1564

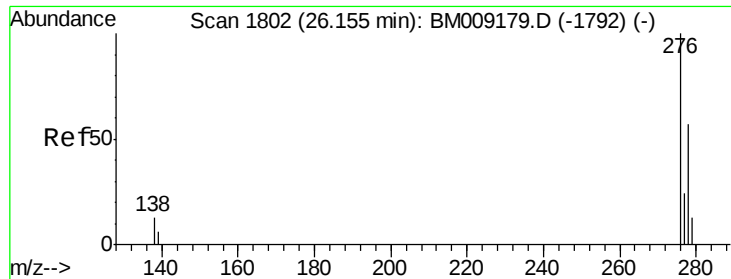
Delta R.T. -0.00 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

Tgt Ion:	252	Resp:	3078
Ion Ratio	Lower	Upper	
252	100		
253	31.0	28.5	42.7
125	11.7	18.1	27.1#





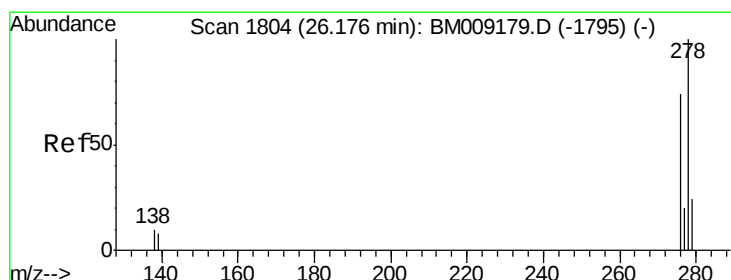
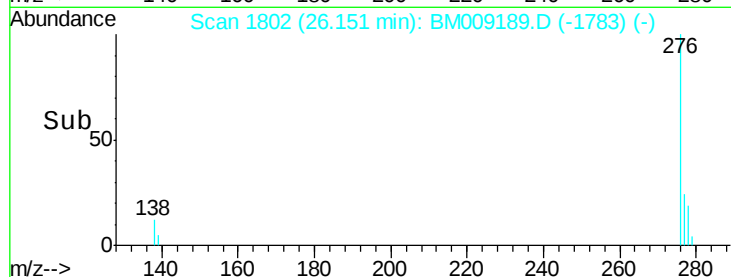
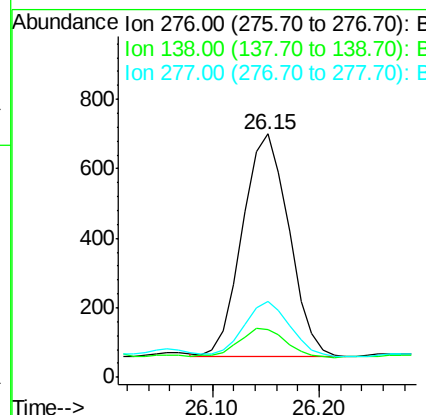
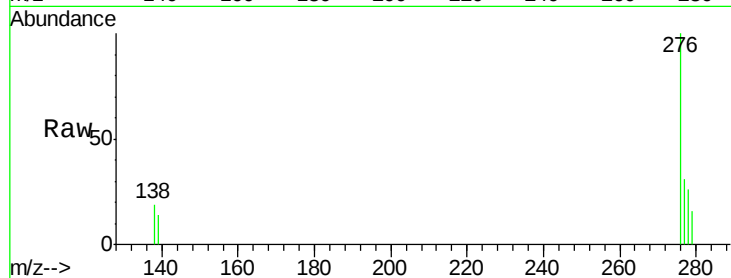
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.42 ng/ul m
 RT: 26.15 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BM009189.D
 Acq: 10 Mar 2017 23:32

Instrument :
 BNA_M
 ClientSampleId :
 COAL3

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	2.4	19.1	28.7#
277	1.3	19.6	29.4#

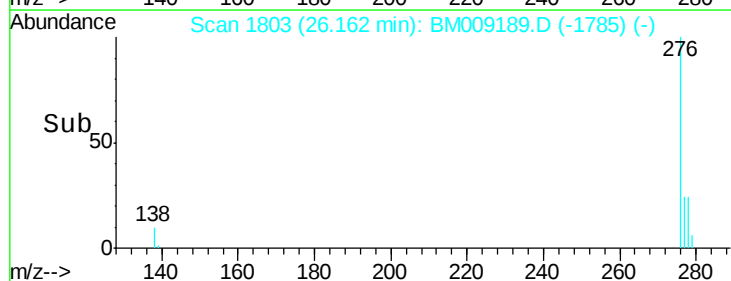
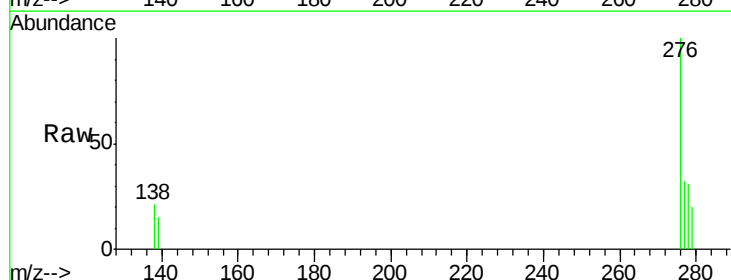
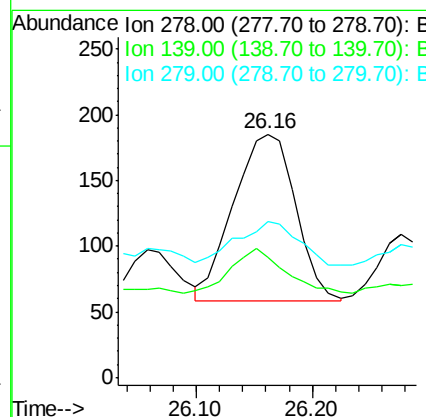
Manual Integrations
 APPROVED

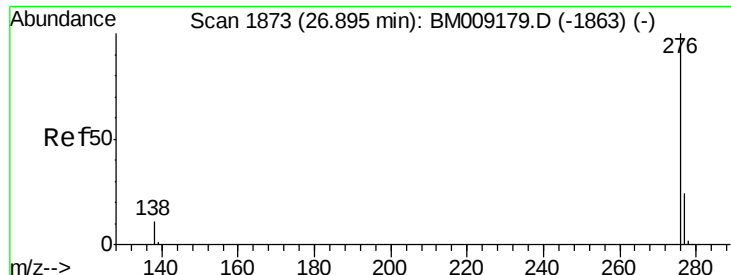
mohammad
 3/13/2017 2:14:24 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.12 ng/ul m
 RT: 26.16 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BM009189.D
 Acq: 10 Mar 2017 23:32

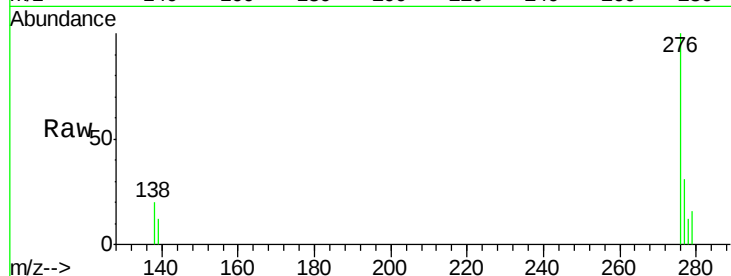
Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	49.2	17.4	26.0#
279	64.3	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.44 ng/ul m
RT: 26.88 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BM009189.D
Acq: 10 Mar 2017 23:32

Instrument :
BNA_M
ClientSampleId :
C0AL3



Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.8	21.8	32.8
138	20.2	20.5	30.7#

Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:24 PM

