

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031117\
 Data File : BM009206.D
 Acq On : 11 Mar 2017 14:07
 Operator : SJ/MA
 Sample : I2107-10DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9DL

Manual Integrations
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mohammad
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Quant Time: Mar 13 11:44:53 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 11:21:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	272	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	842	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	479	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1109	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1208	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1194	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	101	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	252	0.07	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.73	128	582	0.24	ng/ul#	81
5) 2-Methylnaphthalene	12.34	142	423	0.24	ng/ul	98
7) Acenaphthylene	14.23	152	174	0.07	ng/ul#	38
8) Acenaphthene	14.57	153	68	0.04	ng/ul#	83
9) Fluorene	15.56	166	77	0.03	ng/ul#	70
12) Phenanthrene	17.30	178	1486	0.43	ng/ul	95
13) Anthracene	17.40	178	385m	0.11	ng/ul	
15) Fluoranthene	19.31	202	3418	0.75	ng/ul	96
17) Pyrene	19.68	202	3241	0.78	ng/ul	96
18) Benzo(a)anthracene	21.42	228	2036	0.51	ng/ul	94
19) Chrysene	21.47	228	2192	0.58	ng/ul	92
21) Benzo(b)fluoranthene	23.07	252	3455m	0.74	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	813m	0.20	ng/ul	
23) Benzo(a)pyrene	23.67	252	1934m	0.46	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	1297	0.24	ng/ul#	89
25) Dibenzo(a,h)anthracene	26.16	278	347	0.08	ng/ul#	32
26) Benzo(g,h,i)perylene	26.88	276	1085	0.24	ng/ul#	92

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

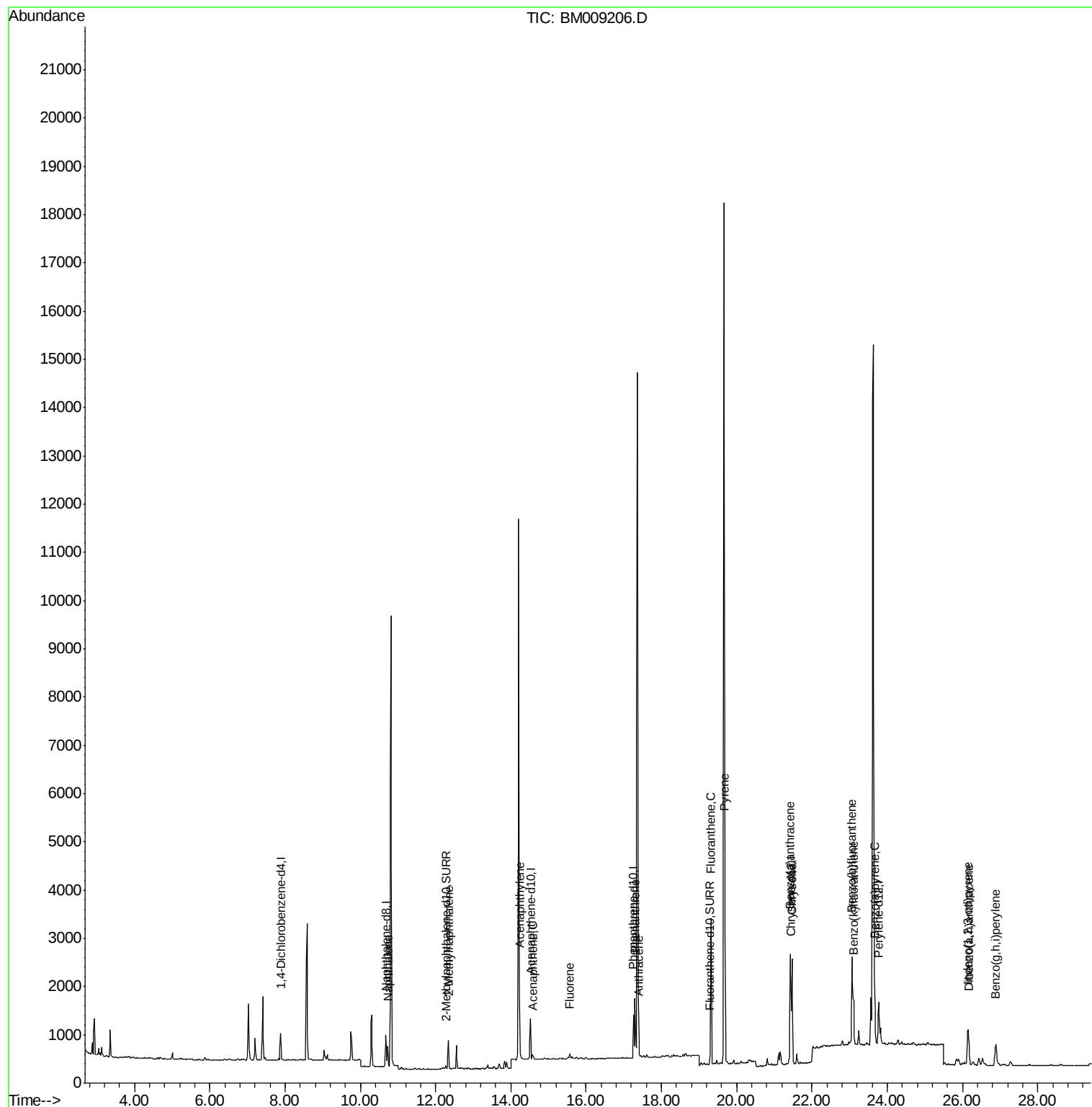
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031117\
Data File : BM009206.D
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Operator : SJ/MA
Sample : I2107-10DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

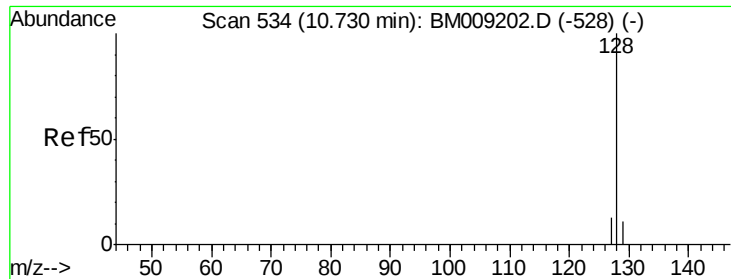
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
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#3

Naphthalene

Concen: 0.24 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009206.D

Acq: 11 Mar 2017 14:07

Instrument :

BNA_M

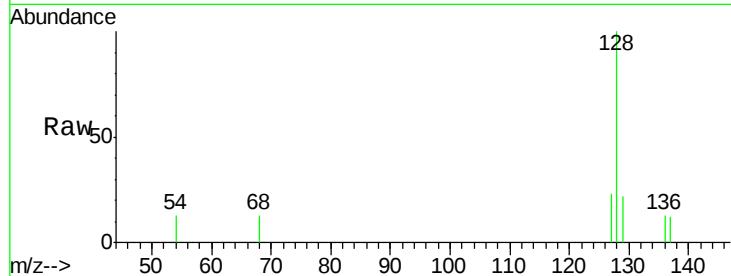
ClientSampleId :

C0AJ9DL

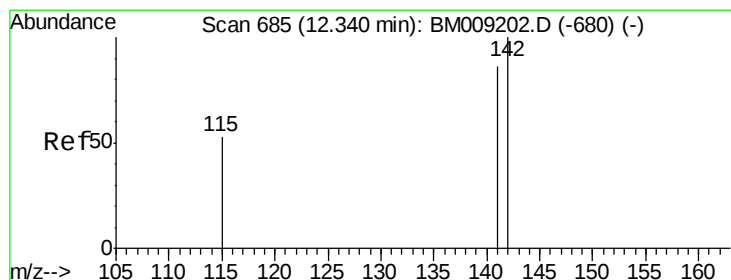
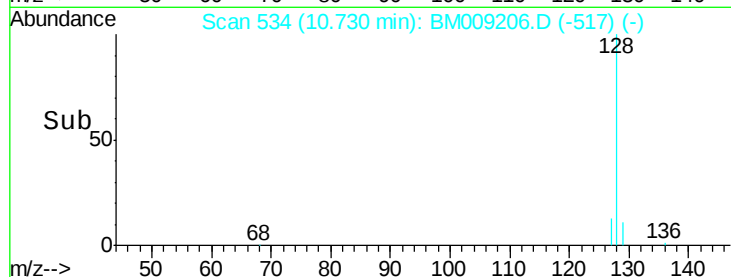
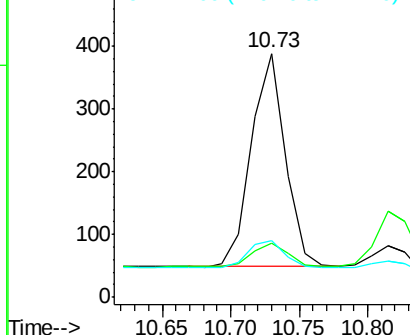
Tgt Ion:	128	Resp:	582
Ion Ratio	Lower	Upper	
128	100		
129	22.2	11.3	16.9#
127	23.5	12.8	19.2#

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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: 0.24 ng/ul

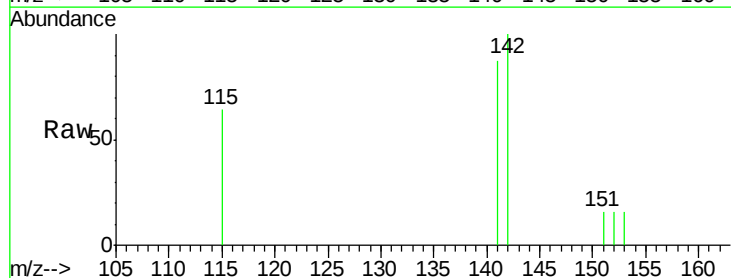
RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

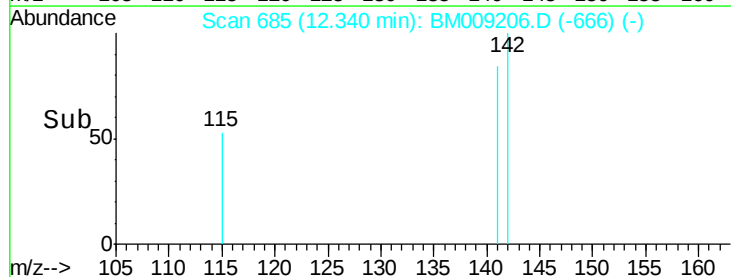
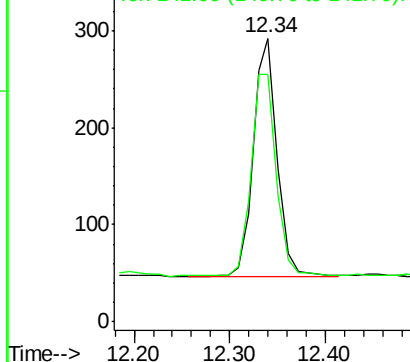
Lab File: BM009206.D

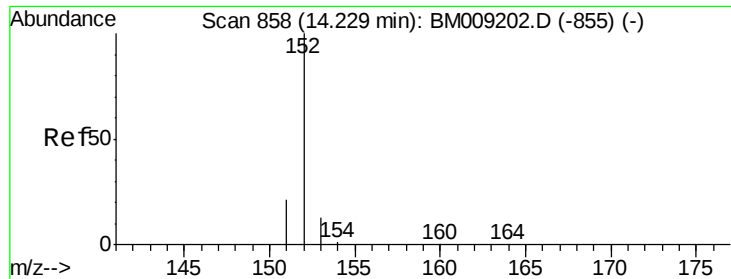
Acq: 11 Mar 2017 14:07

Tgt Ion:	142	Resp:	423
Ion Ratio	Lower	Upper	
142	100		
141	88.9	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: 0.07 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM009206.D

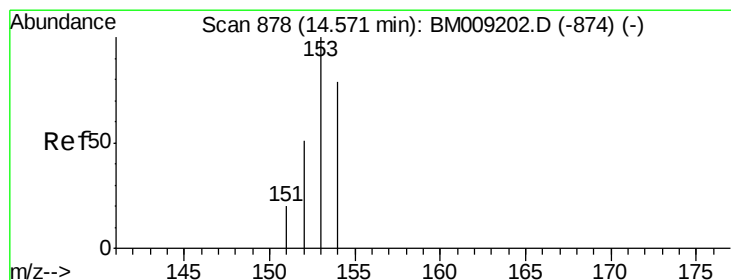
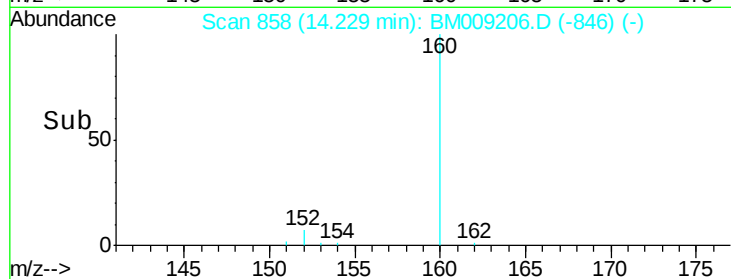
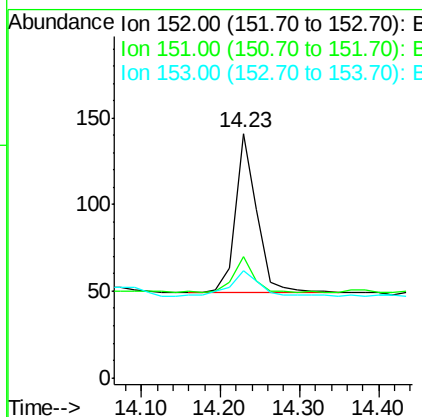
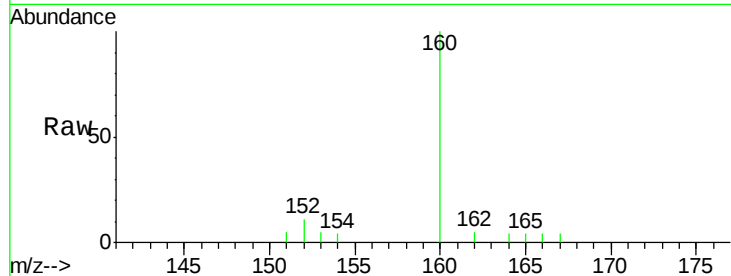
Acq: 11 Mar 2017 14:07

Instrument :
BNA_M
ClientSampleId :
C0AJ9DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	49.6	17.1	25.7#
153	44.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.04 ng/ul

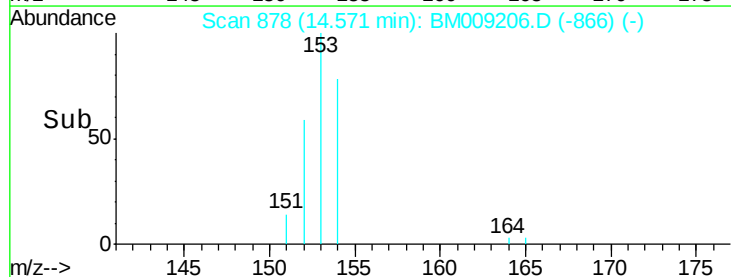
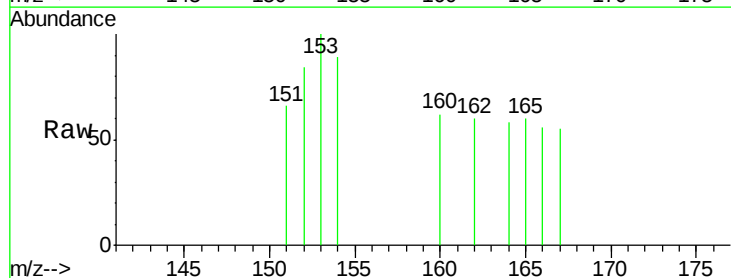
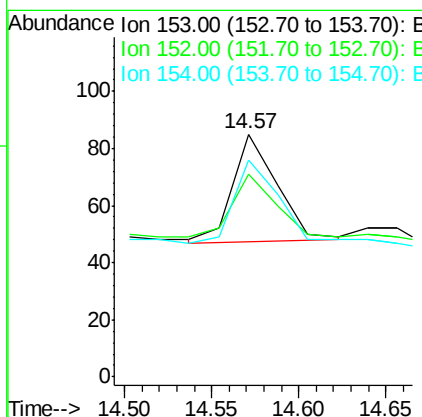
RT: 14.57 min Scan# 878

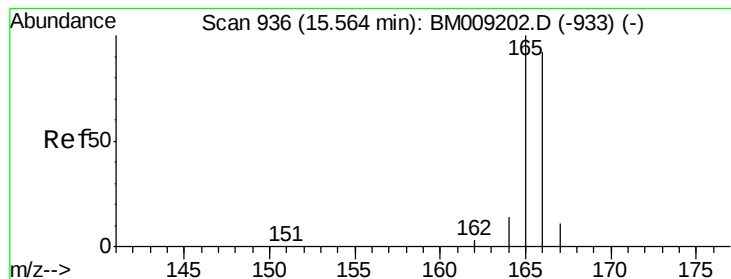
Delta R.T. 0.00 min

Lab File: BM009206.D

Acq: 11 Mar 2017 14:07

Tgt Ion	Ratio	Lower	Upper
153	100		
152	83.5	40.3	60.5#
154	89.4	71.4	107.2





#9

Fluorene

Concen: 0.03 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. 0.00 min

Lab File: BM009206.D

Acq: 11 Mar 2017 14:07

Instrument :

BNA_M

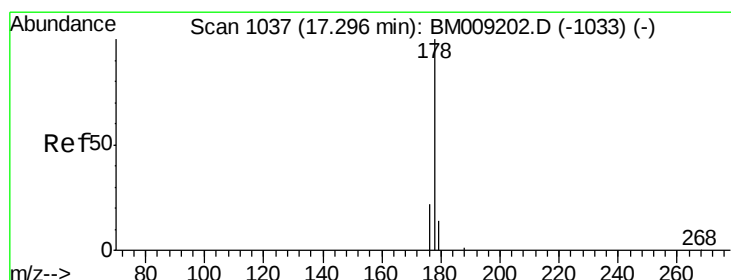
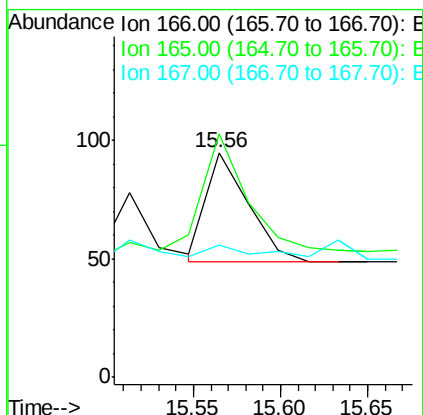
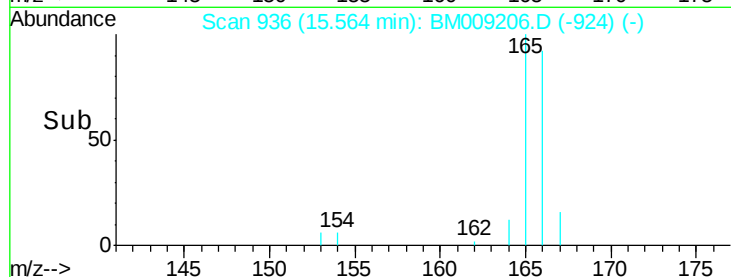
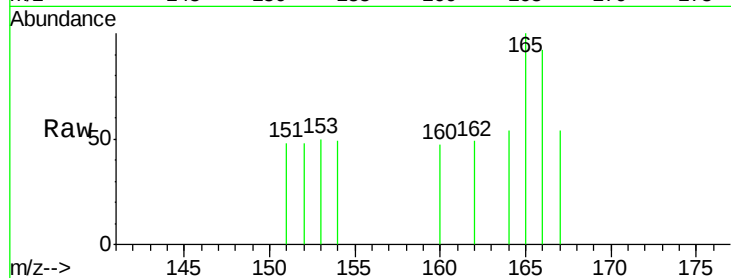
ClientSampleId :

C0AJ9DL

Tgt Ion:	166	Resp:	77
Ion Ratio	Lower	Upper	
166	100		
165	108.4	73.4	110.2
167	58.9	14.6	22.0#

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#12

Phenanthrene

Concen: 0.43 ng/ul

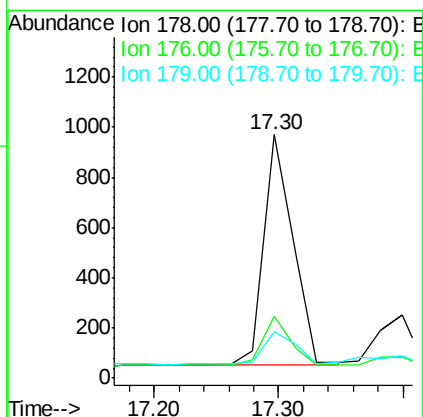
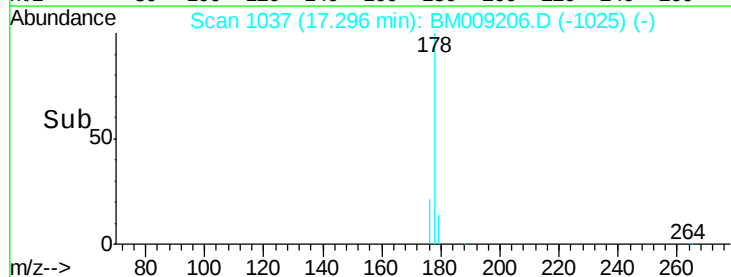
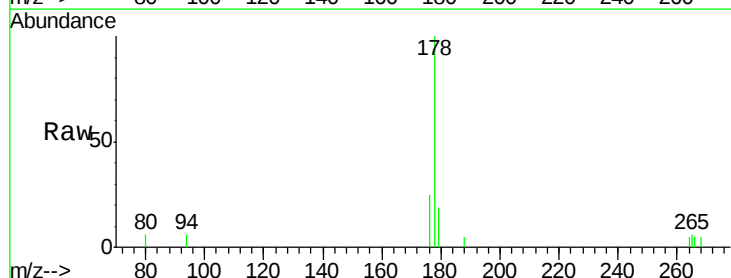
RT: 17.30 min Scan# 1037

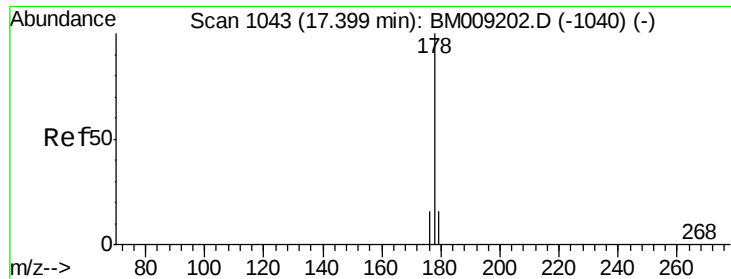
Delta R.T. 0.00 min

Lab File: BM009206.D

Acq: 11 Mar 2017 14:07

Tgt Ion:	178	Resp:	1486
Ion Ratio	Lower	Upper	
178	100		
176	25.3	18.4	27.6
179	19.4	13.6	20.4





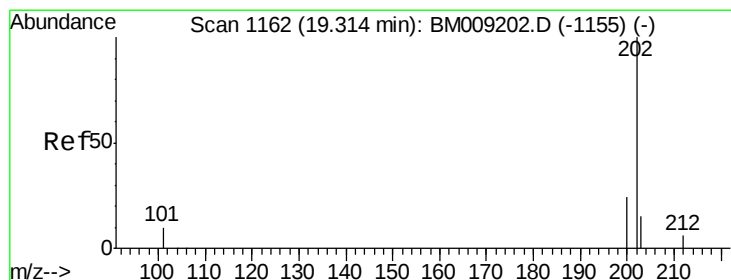
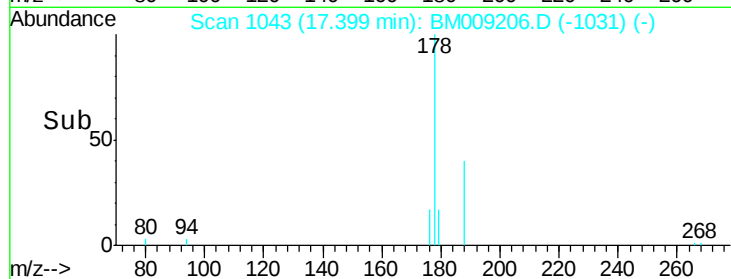
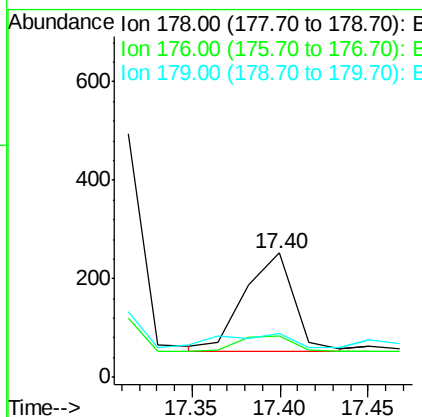
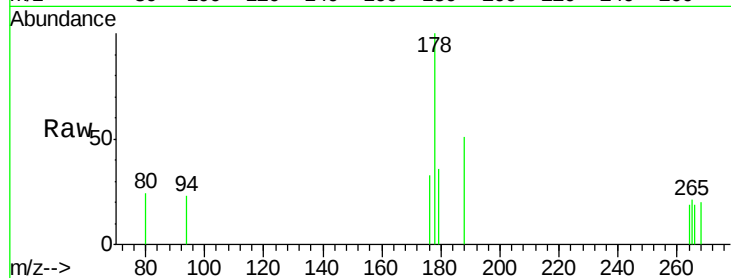
#13
 Anthracene
 Concen: 0.11 ng/ul m
 RT: 17.40 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BM009206.D
 Acq: 11 Mar 2017 14:07

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9DL

Tgt Ion	Ratio	Lower	Upper
178	100		
176	33.3	18.1	27.1#
179	35.7	14.7	22.1#

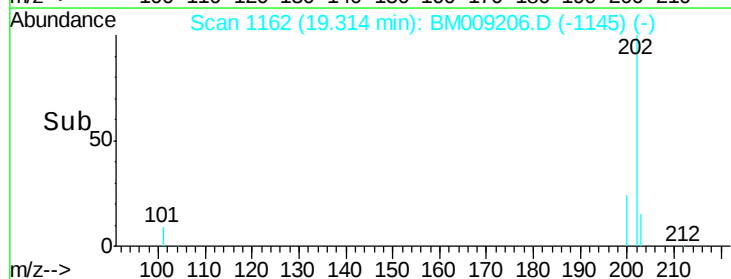
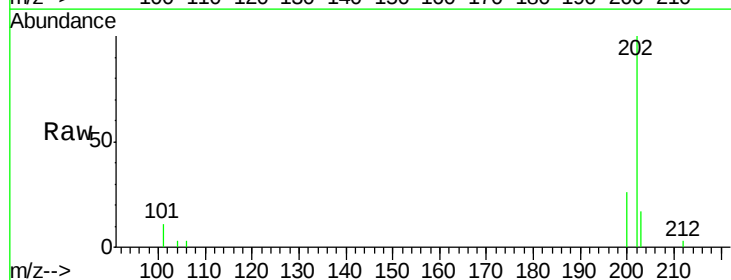
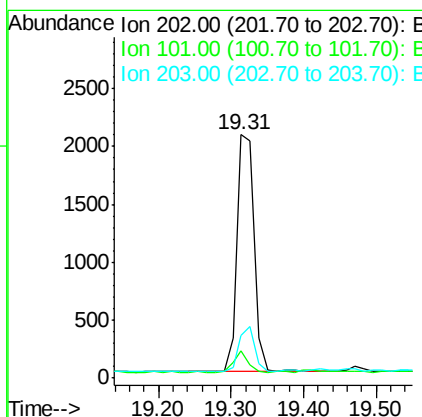
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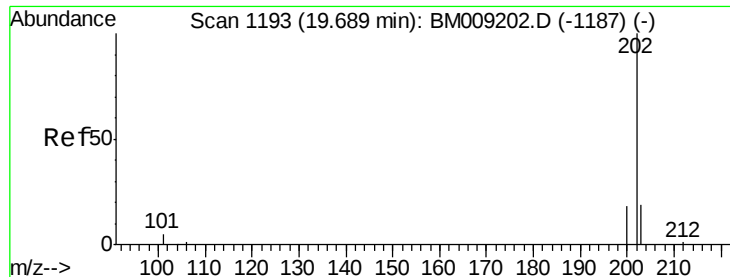
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#15
 Fluoranthene
 Concen: 0.75 ng/ul
 RT: 19.31 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BM009206.D
 Acq: 11 Mar 2017 14:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
203	17.5	0.0	39.5





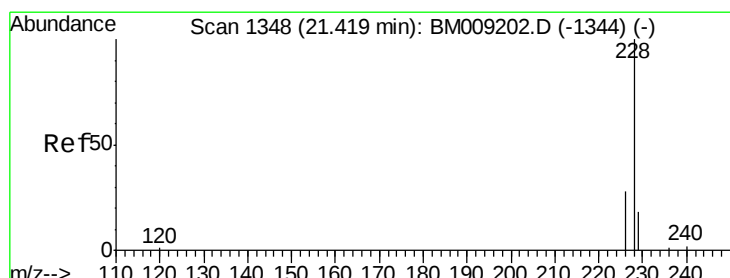
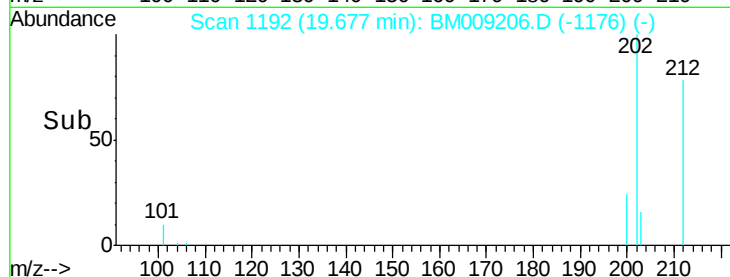
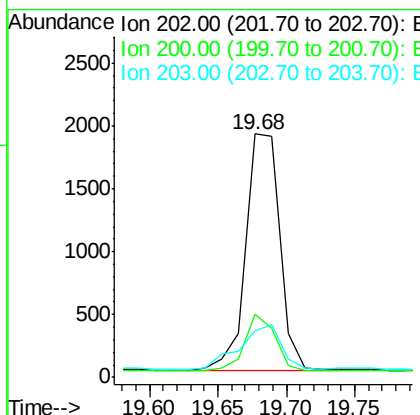
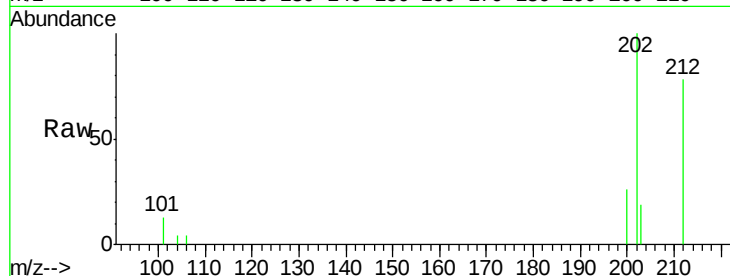
#17
 Pyrene
 Concen: 0.78 ng/ul
 RT: 19.68 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM009206.D
 Acq: 11 Mar 2017 14:07

Instrument :
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 ClientSampleId :
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Tgt Ion:	202	Resp:	3241
Ion Ratio	Lower	Upper	
202	100		
200	26.1	18.2	27.4
203	18.8	15.6	23.4

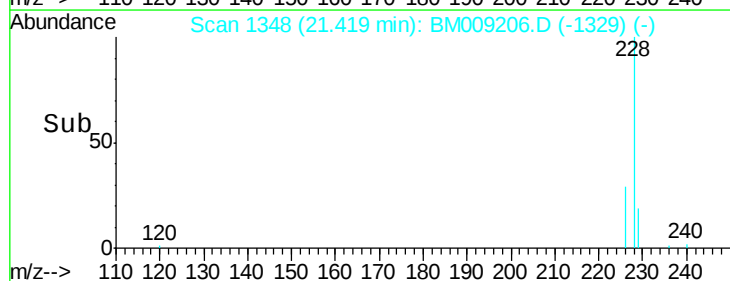
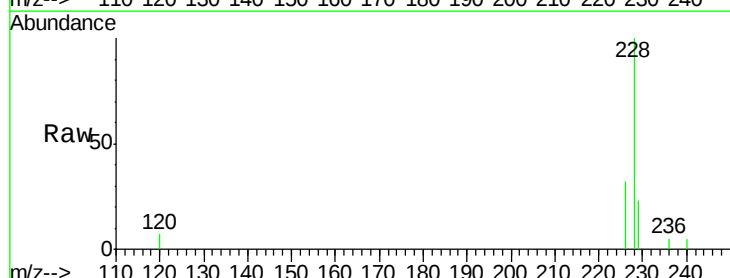
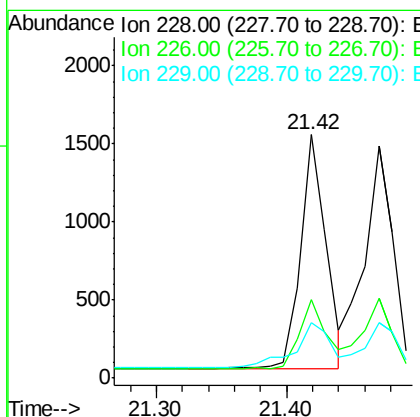
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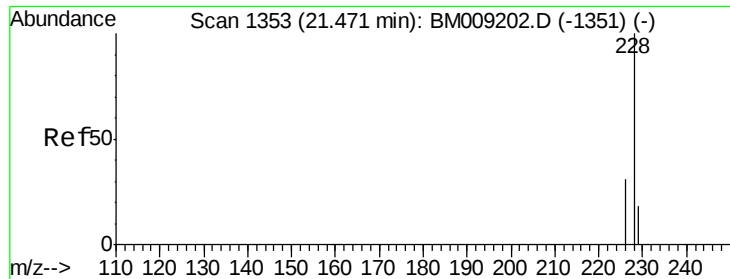
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#18
 Benzo(a)anthracene
 Concen: 0.51 ng/ul
 RT: 21.42 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BM009206.D
 Acq: 11 Mar 2017 14:07

Tgt Ion:	228	Resp:	2036
Ion Ratio	Lower	Upper	
228	100		
226	32.4	22.8	34.2
229	22.9	17.0	25.6





#19

Chrysene

Concen: 0.58 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BM009206.D

Acq: 11 Mar 2017 14:07

Instrument :

BNA_M

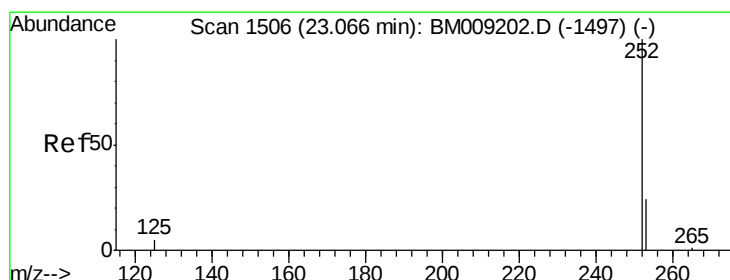
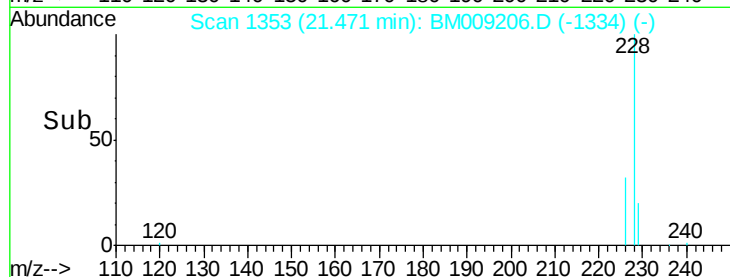
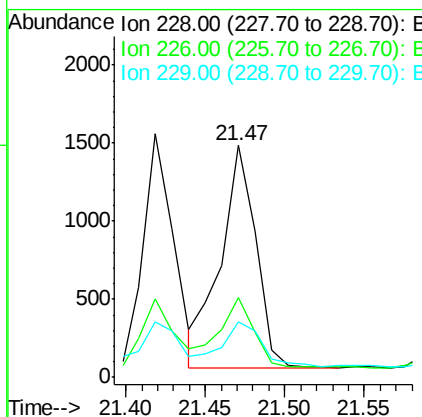
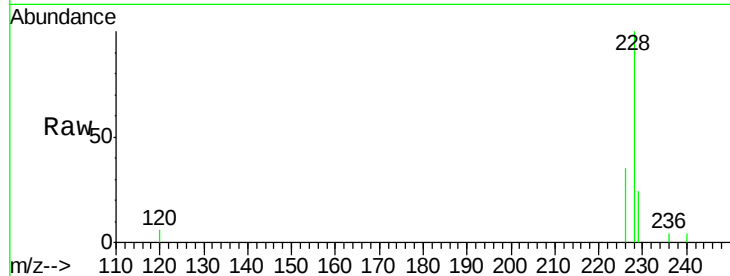
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Tgt Ion:	228	Resp:	2192
Ion Ratio	Lower	Upper	
228	100		
226	34.7	23.4	35.0
229	24.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.74 ng/ul m

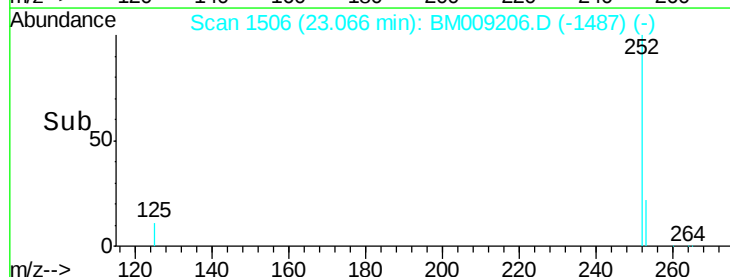
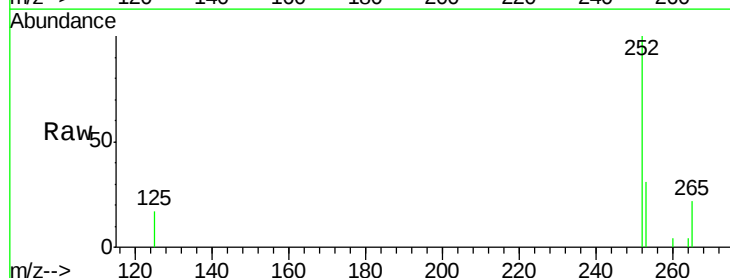
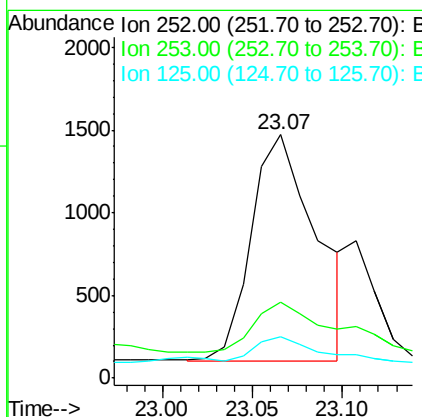
RT: 23.07 min Scan# 1506

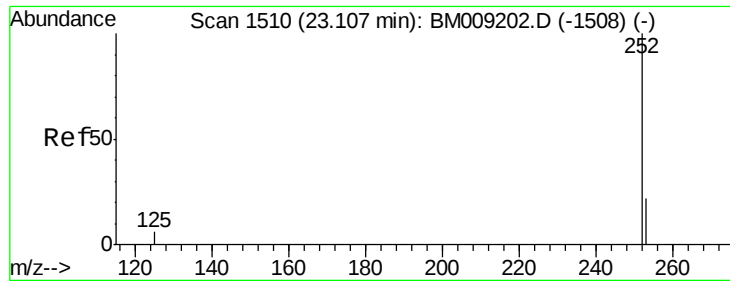
Delta R.T. 0.00 min

Lab File: BM009206.D

Acq: 11 Mar 2017 14:07

Tgt Ion:	252	Resp:	3455
Ion Ratio	Lower	Upper	
252	100		
253	31.0	0.0	64.2
125	17.3	0.0	35.0





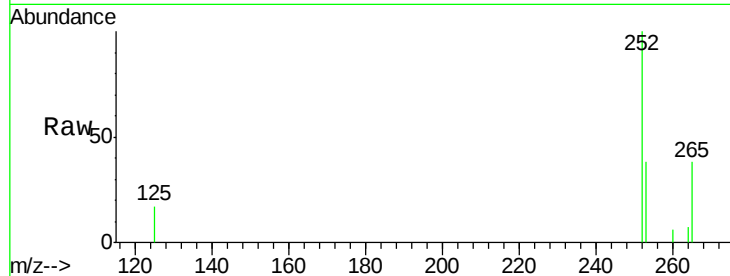
#22
Benzo(k)fluoranthene
Concen: 0.20 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BM009206.D
Acq: 11 Mar 2017 14:07

Instrument :
BNA_M
ClientSampleId :
C0AJ9DL

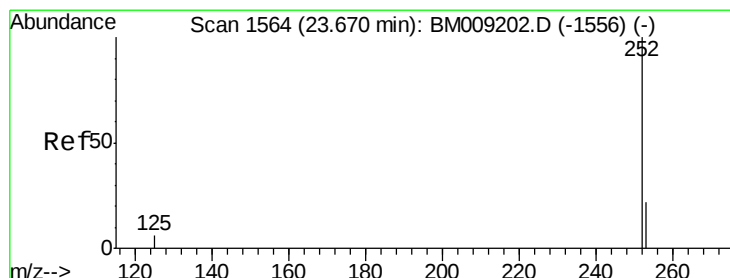
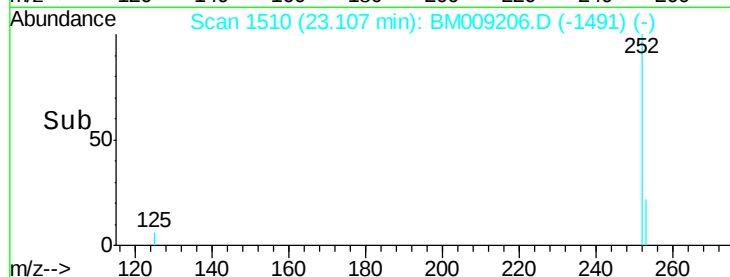
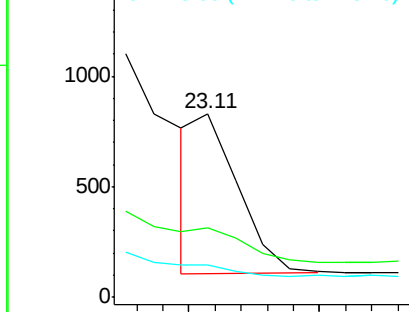
Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.0	24.5	36.7#
125	17.4	13.7	20.5

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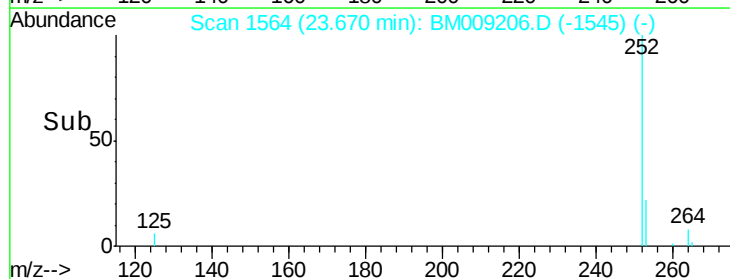
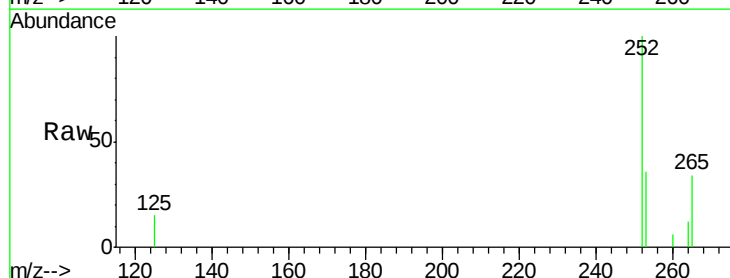
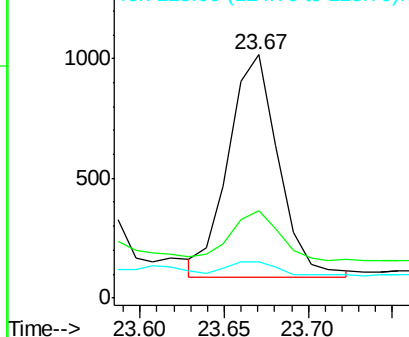
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

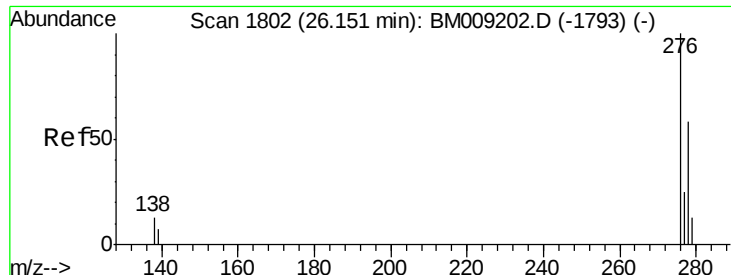


#23
Benzo(a)pyrene
Concen: 0.46 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM009206.D
Acq: 11 Mar 2017 14:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.1	28.5	42.7
125	14.7	18.1	27.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





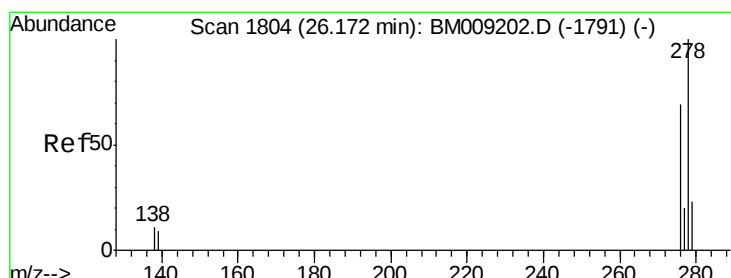
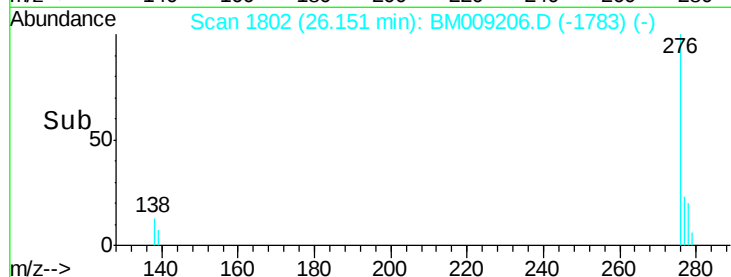
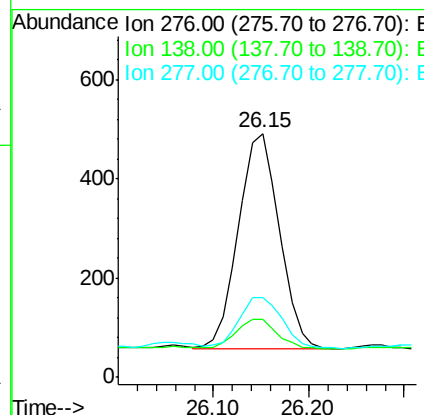
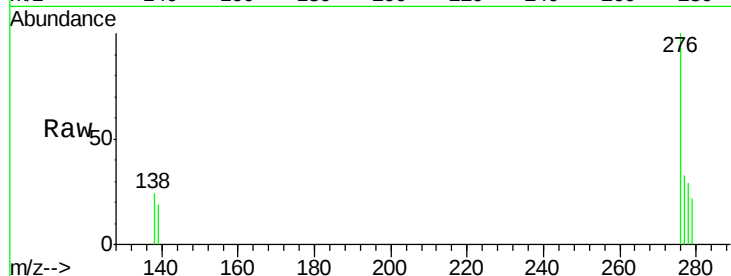
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.24 ng/ul
 RT: 26.15 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BM009206.D
 Acq: 11 Mar 2017 14:07

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.6	19.1	28.7#
277	25.3	19.6	29.4

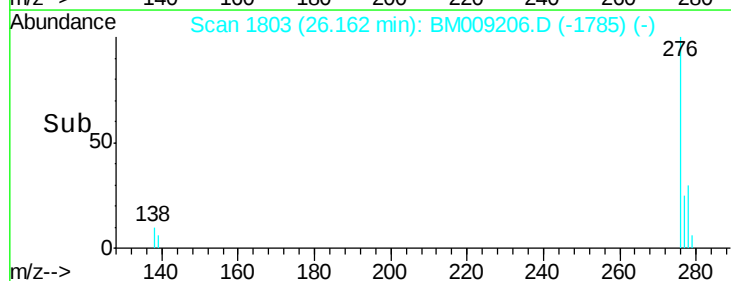
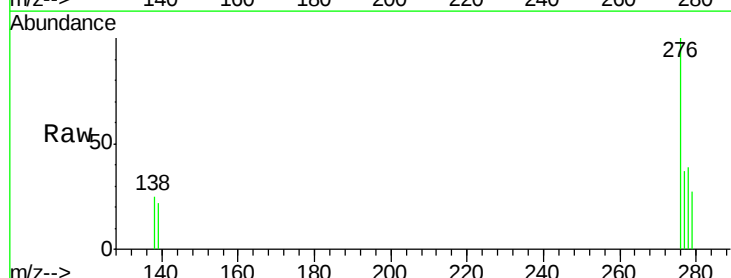
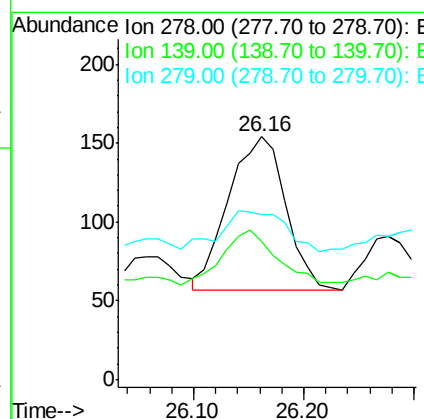
Manual Integrations
 APPROVED

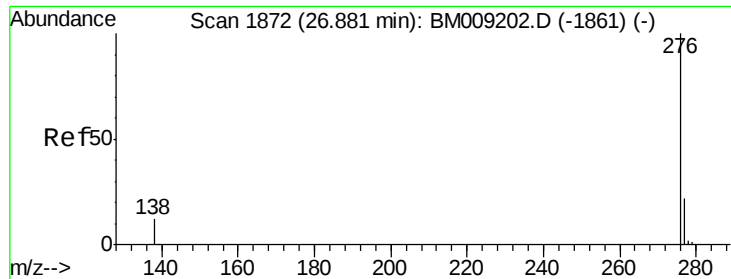
mohammad
 3/13/2017 5:13:25 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.08 ng/ul
 RT: 26.16 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BM009206.D
 Acq: 11 Mar 2017 14:07

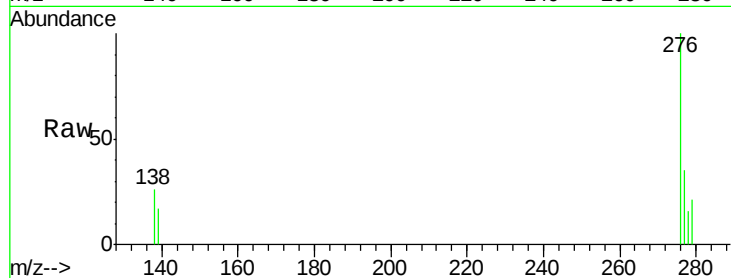
Tgt Ion	Ratio	Lower	Upper
278	100		
139	57.1	17.4	26.0#
279	68.2	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 0.24 ng/ul
 RT: 26.88 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BM009206.D
 Acq: 11 Mar 2017 14:07

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9DL



Tgt Ion:	276	Resp:	1085
Ion Ratio	Lower	Upper	
276	100		
277	34.7	21.8	32.8#
138	25.7	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 3/13/2017 5:13:25 PM

