Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
Data File : BM009131.D
Acq On : 09 Mar 2017 06:22
Operator : SJ/MA
Sample : I2069-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7

Manual Integrations APPROVED
mohammad
3/9/2017 2:02:46 PM

Quant Time: Mar 09 07:06:52 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 02:44:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	294	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	929	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	566	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1269m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1390	0.40	ng/ul	-0.01
20) Perylene-d12	23.78	264	1309m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	379	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	1045	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	323	0.12	ng/ul#	64
5) 2-Methylnaphthalene	12.34	142	174	0.09	ng/ul	100
8) Acenaphthene	14.59	153	427	0.19	ng/ul	93
9) Fluorene	15.58	166	681m	0.26	ng/ul	
12) Phenanthrene	17.31	178	9289m	2.33	ng/ul	
13) Anthracene	17.40	178	2615	0.66	ng/ul	98
15) Fluoranthene	19.33	202	12664	2.44	ng/ul	93
17) Pyrene	19.69	202	10768	2.25	ng/ul	97
18) Benzo(a)anthracene	21.42	228	5900	1.28	ng/ul	95
19) Chrysene	21.48	228	4519	1.03	ng/ul	96
21) Benzo(b)fluoranthene	23.07	252	6373m	1.24	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	2206m	0.49	ng/ul	
23) Benzo(a)pyrene	23.67	252	4632m	1.00	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	2723m	0.46	ng/ul	
25) Dibenzo(a,h)anthracene	26.16	278	797m	0.16	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	2299m	0.46	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
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QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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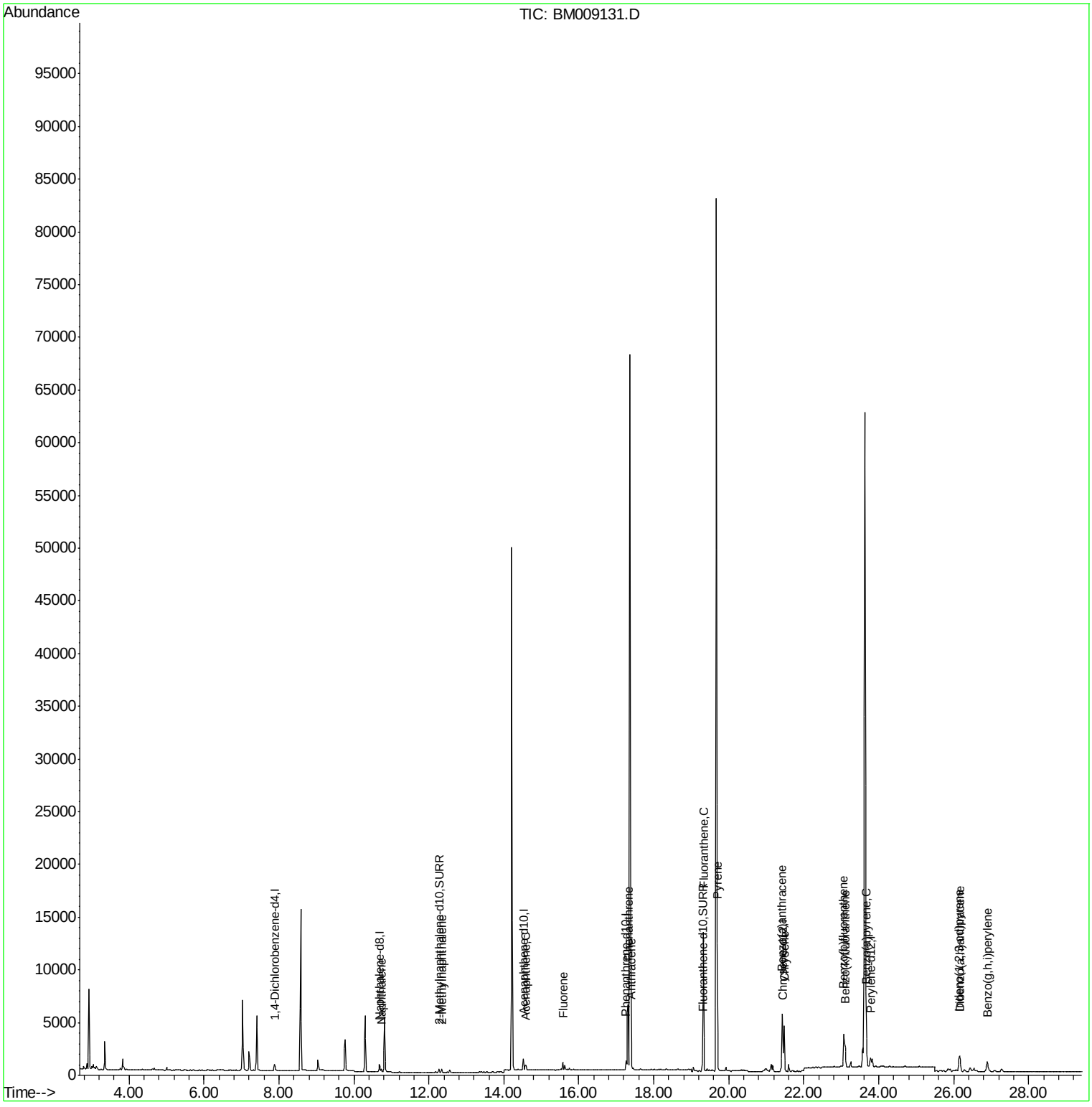
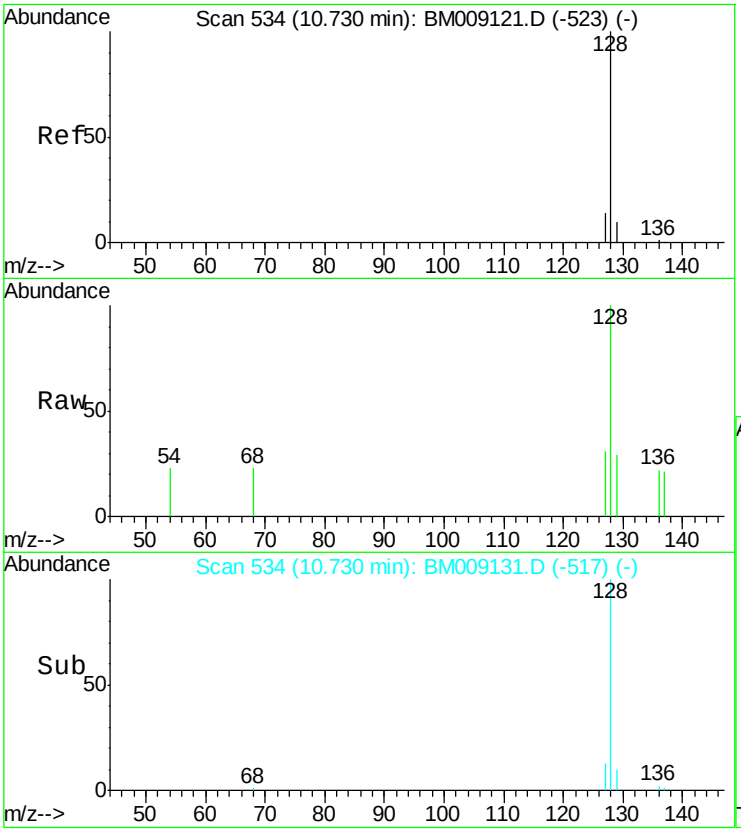
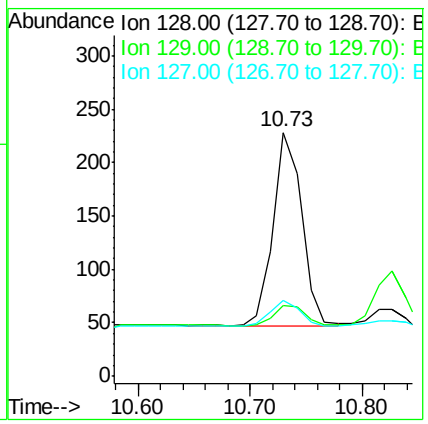




#3
Naphthalene
Concen: 0.12 ng/ul
RT: 10.73 min Scan# 534
Delta R.T. -0.00 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Tgt Ion:128 Resp: 323

Ion	Ratio	Lower	Upper
128	100		
129	28.9	11.3	16.9#
127	31.1	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
C0AG7

Manual Integrations APPROVED
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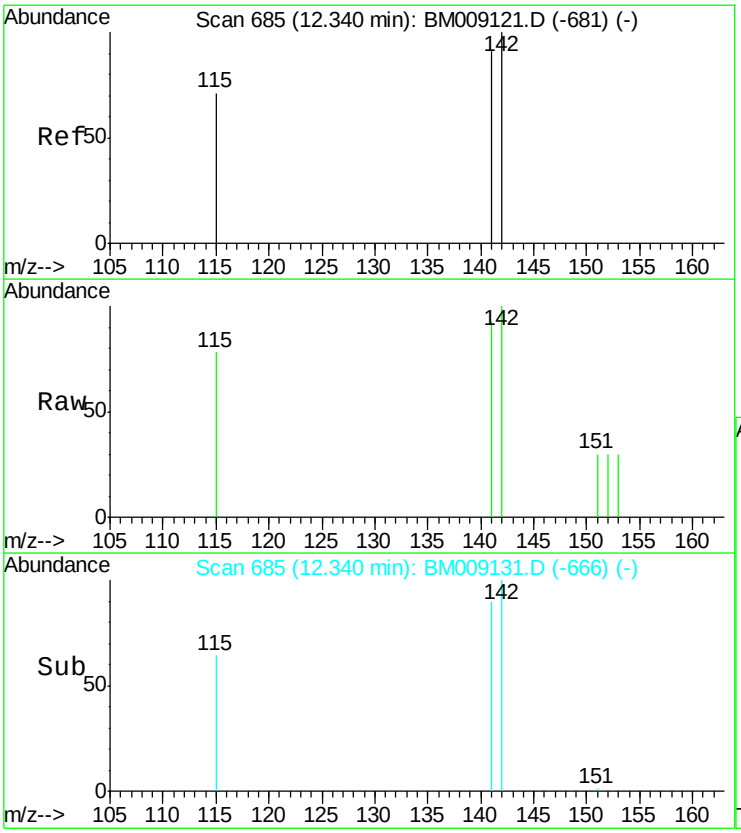
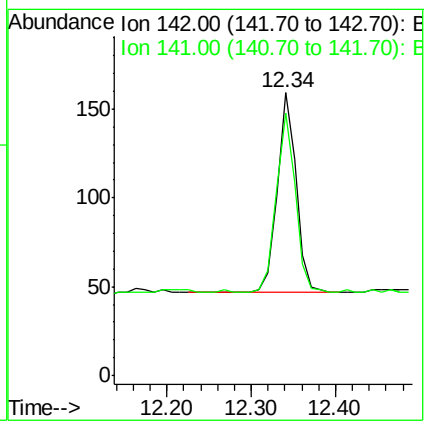
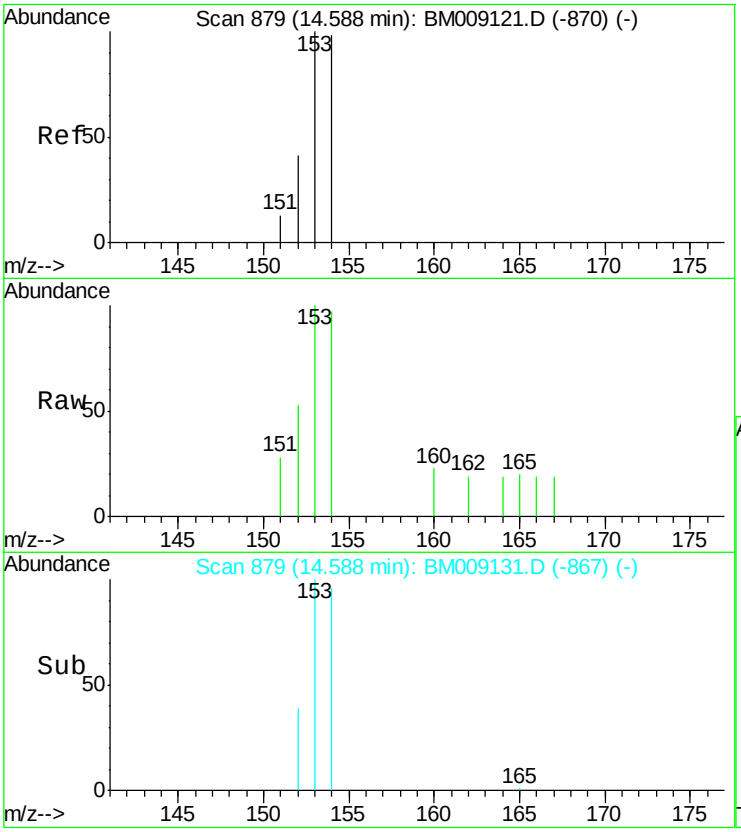


#5
2-Methylnaphthalene
Concen: 0.09 ng/ul
RT: 12.34 min Scan# 685
Delta R.T. -0.00 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Tgt Ion:142 Resp: 174

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.6	108.8

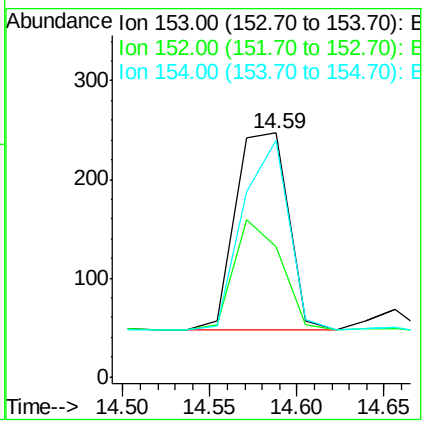




#8
Acenaphthene
Concen: 0.19 ng/ul
RT: 14.59 min Scan# 879
Delta R.T. -0.00 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Tgt Ion:153 Resp: 427

Ion	Ratio	Lower	Upper
153	100		
152	53.4	40.3	60.5
154	96.8	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
C0AG7

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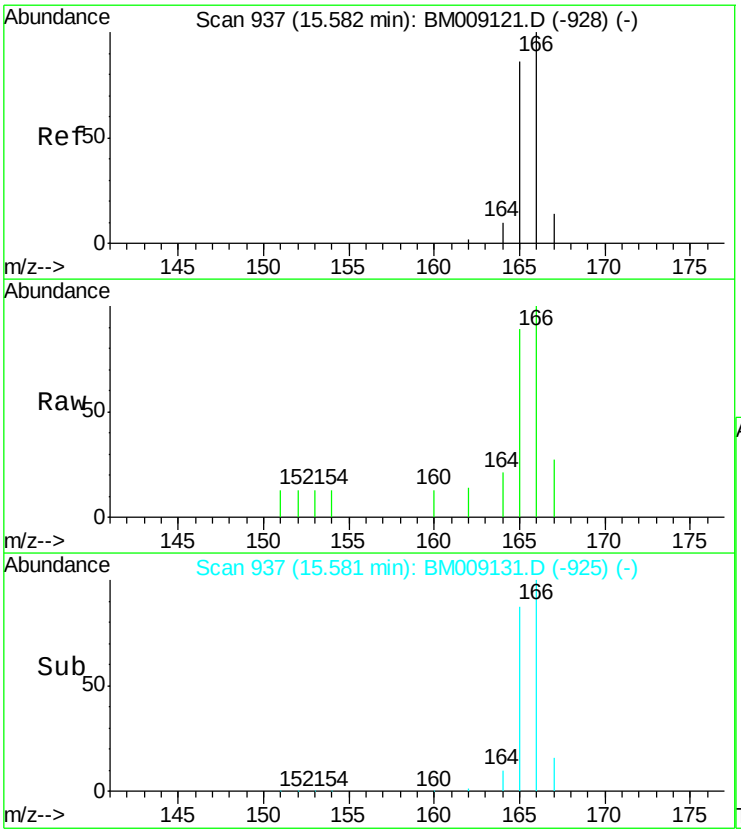
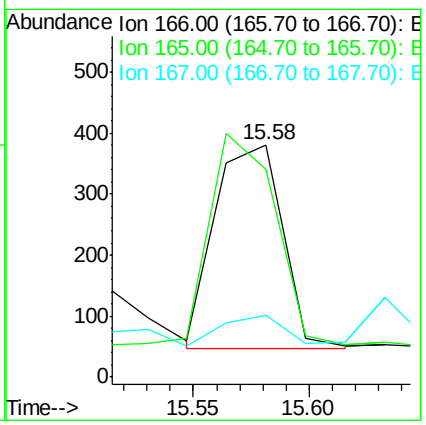
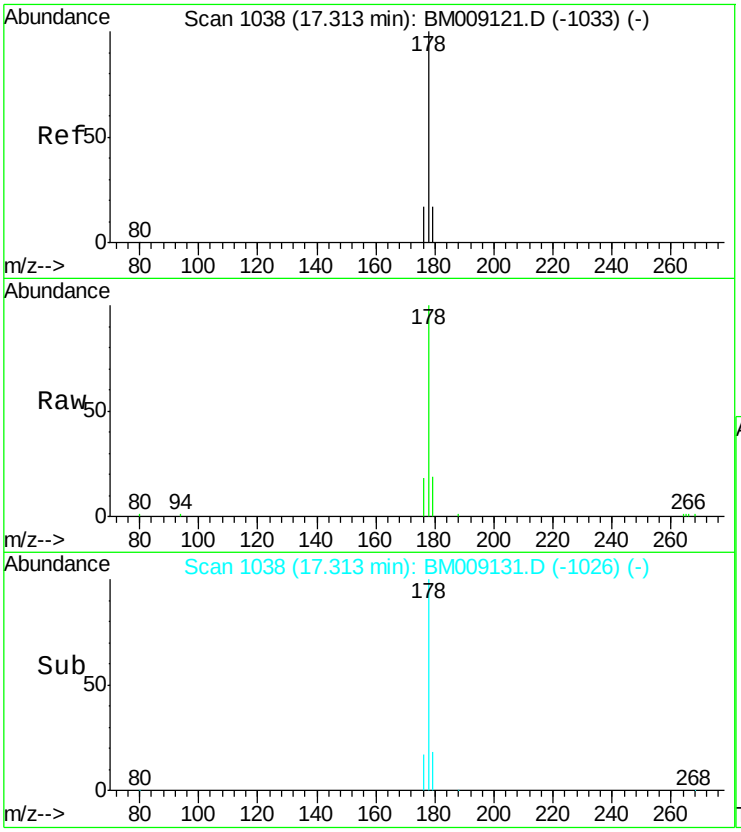


#9
Fluorene
Concen: 0.26 ng/ul m
RT: 15.58 min Scan# 937
Delta R.T. -0.00 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Tgt Ion:166 Resp: 681

Ion	Ratio	Lower	Upper
166	100		
165	89.2	73.4	110.2
167	26.8	14.6	22.0#





#12
Phenanthrene
Concen: 2.33 ng/ul m
RT: 17.31 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Tgt Ion:178 Resp: 9289

Ion	Ratio	Lower	Upper
178	100		
176	17.7	18.4	27.6#
179	18.6	13.6	20.4

Instrument :
BNA_M
ClientSampleId :
C0AG7

Manual Integrations APPROVED
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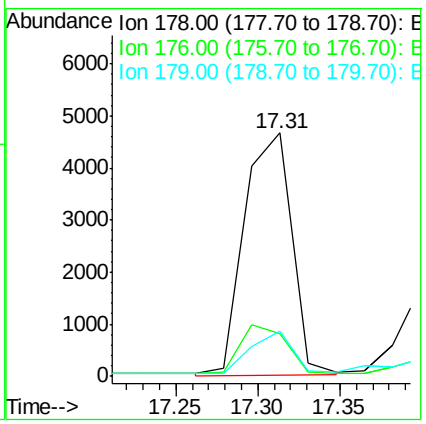
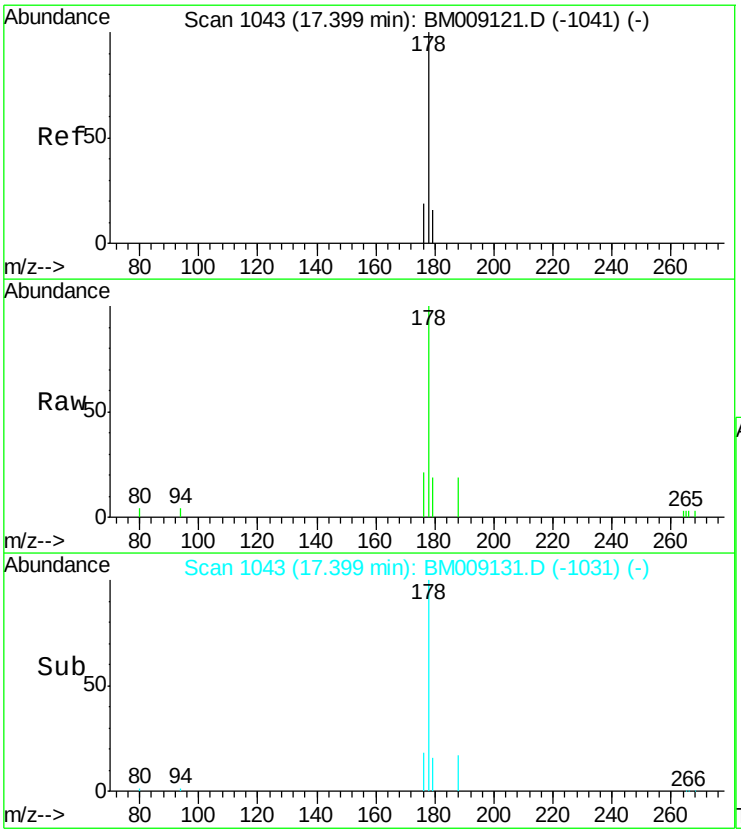
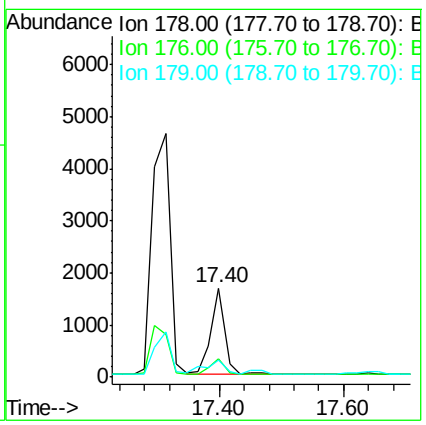


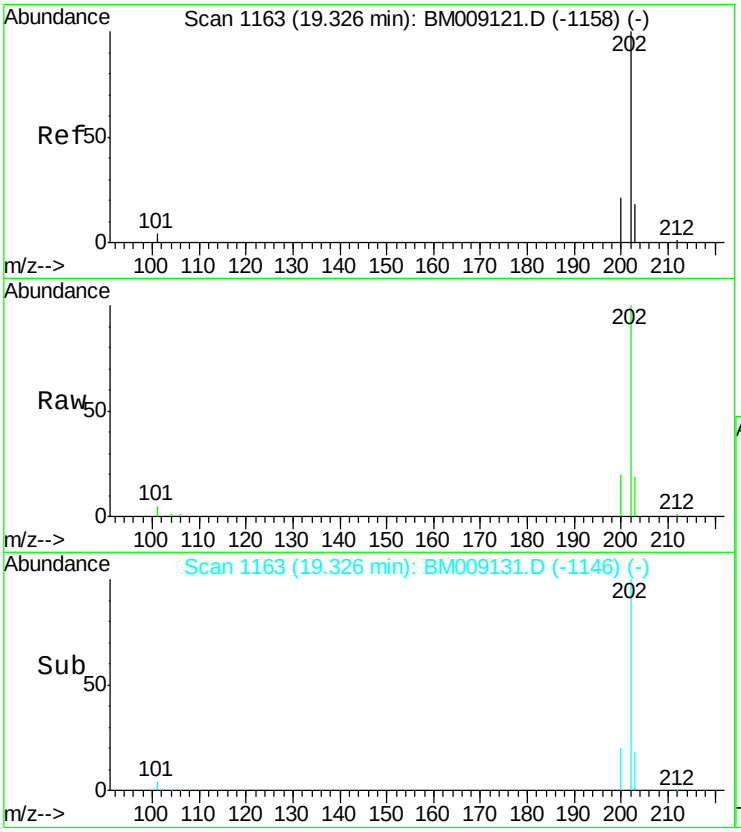


#13
Anthracene
Concen: 0.66 ng/ul
RT: 17.40 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Tgt Ion:178 Resp: 2615

Ion	Ratio	Lower	Upper
178	100		
176	20.7	18.1	27.1
179	18.7	14.7	22.1

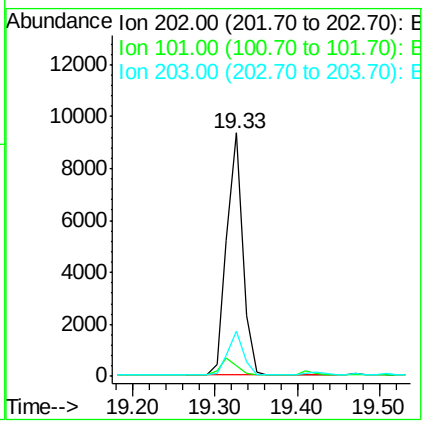




#15
Fluoranthene
Concen: 2.44 ng/ul
RT: 19.33 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Tgt Ion:202 Resp: 12664

Ion	Ratio	Lower	Upper
202	100		
101	4.5	0.0	30.3
203	18.6	0.0	39.5



Instrument :
BNA_M
ClientSampleId :
C0AG7

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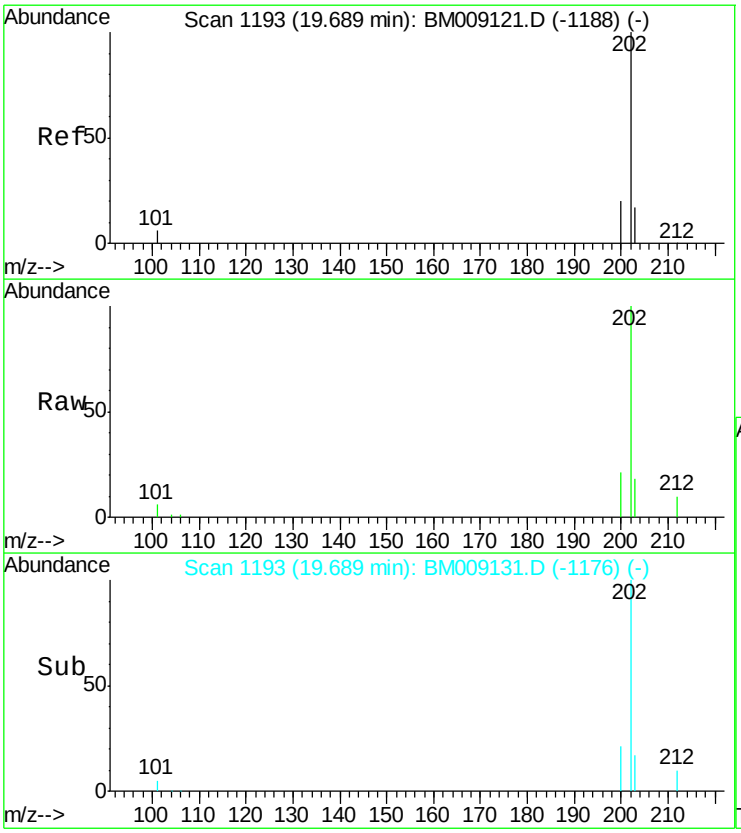
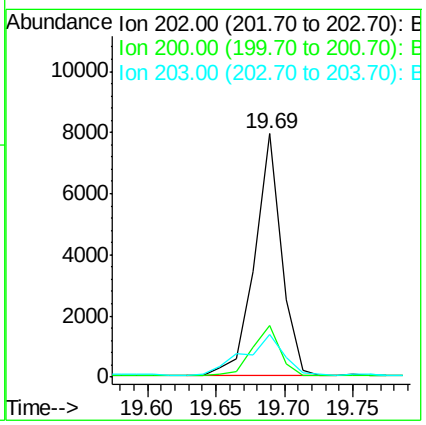
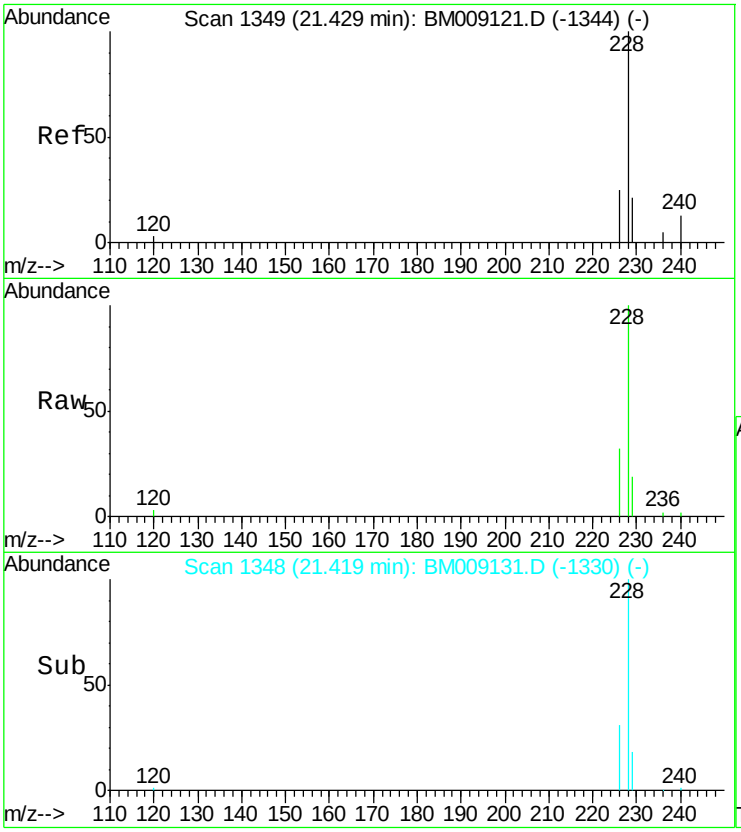


#17
Pyrene
Concen: 2.25 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Tgt Ion:202 Resp: 10768

Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.2	27.4
203	17.8	15.6	23.4

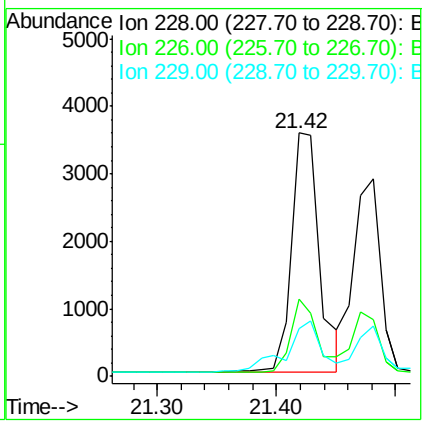




#18
Benzo(a)anthracene
Concen: 1.28 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Tgt Ion:228 Resp: 5900

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.8	34.2
229	19.4	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
C0AG7

Manual Integrations APPROVED
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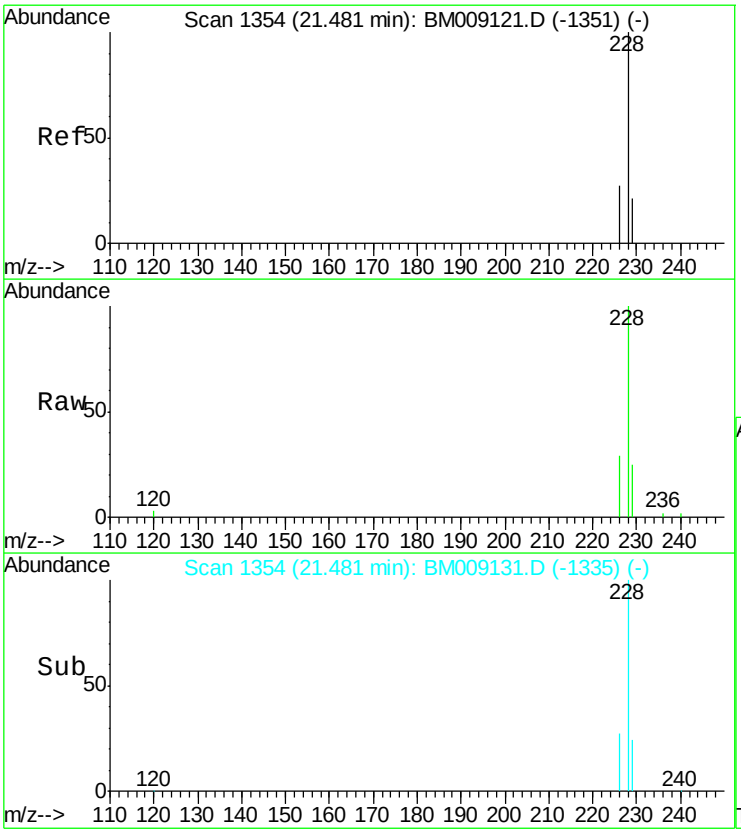
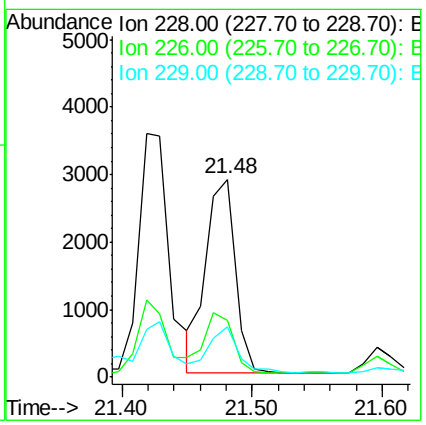
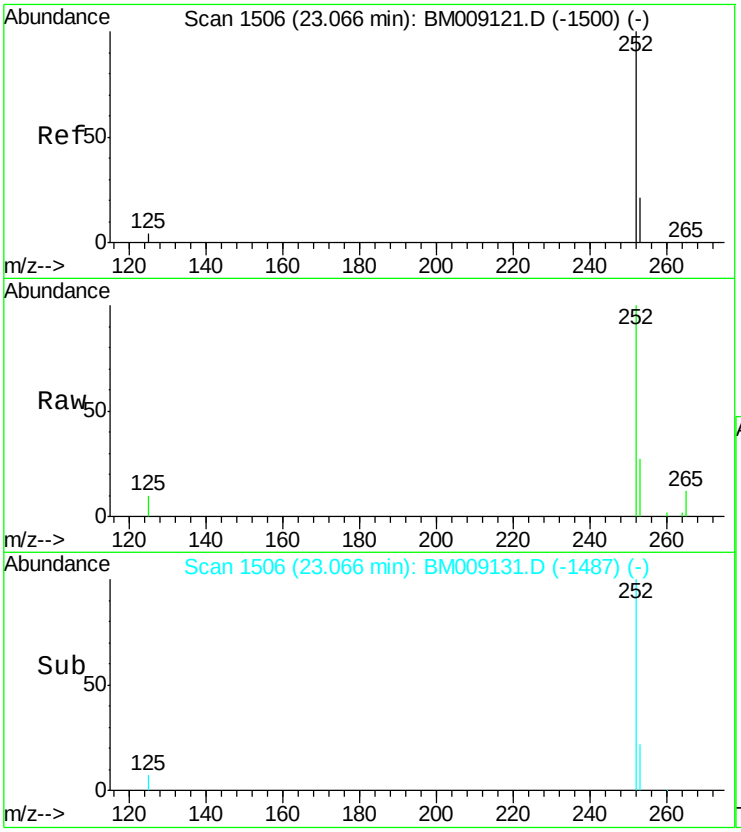


#19
Chrysene
Concen: 1.03 ng/ul
RT: 21.48 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Tgt Ion:228 Resp: 4519

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.0
229	25.4	17.7	26.5

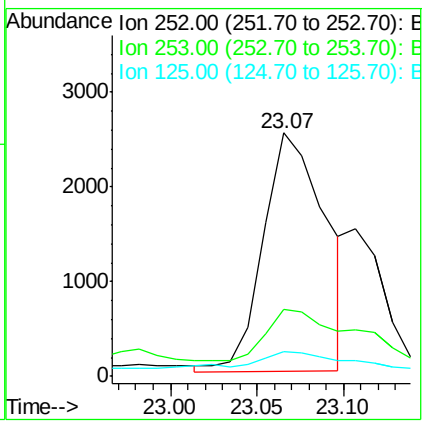




#21
Benzo(b)fluoranthene
Concen: 1.24 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Tgt Ion:252 Resp: 6373

Ion	Ratio	Lower	Upper
252	100		
253	27.3	0.0	64.2
125	10.3	0.0	35.0



Instrument :
BNA_M
ClientSampleId :
C0AG7

Manual Integrations APPROVED
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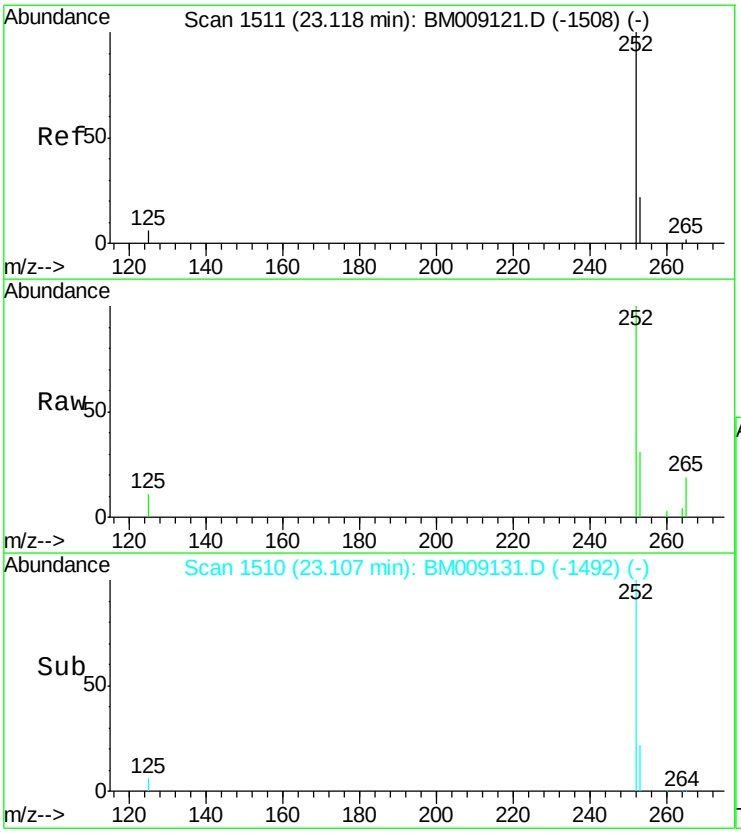
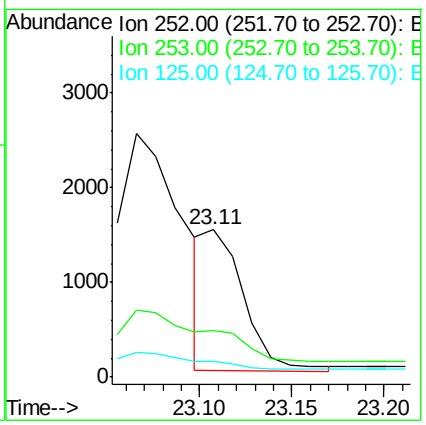
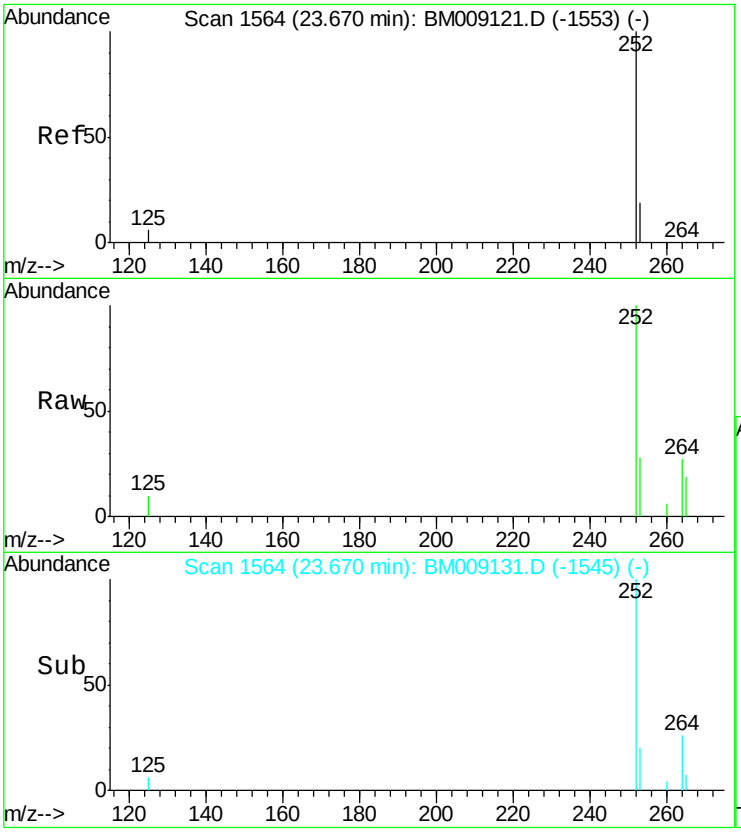


#22
Benzo(k)fluoranthene
Concen: 0.49 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Tgt Ion:252 Resp: 2206

Ion	Ratio	Lower	Upper
252	100		
253	31.1	24.5	36.7
125	10.9	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 1.00 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Tgt Ion:252 Resp: 4632

Ion	Ratio	Lower	Upper
252	100		
253	28.0	28.5	42.7#
125	9.7	18.1	27.1#

Instrument :
BNA_M
ClientSampleId :
C0AG7

Manual Integrations APPROVED
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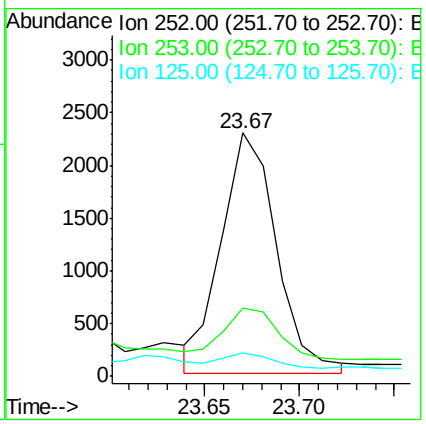
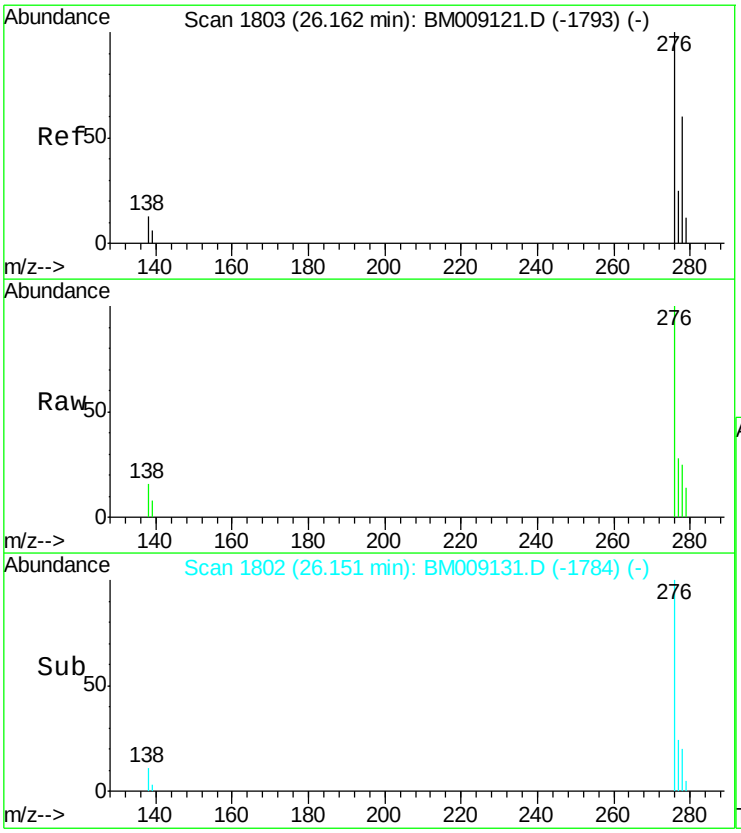
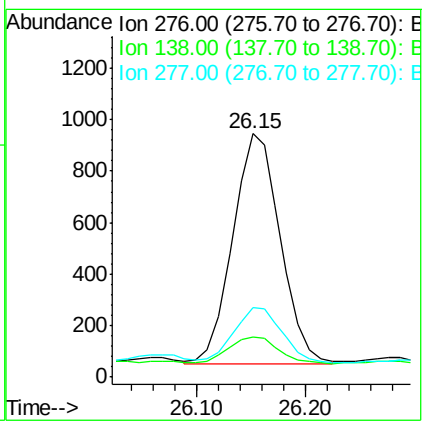


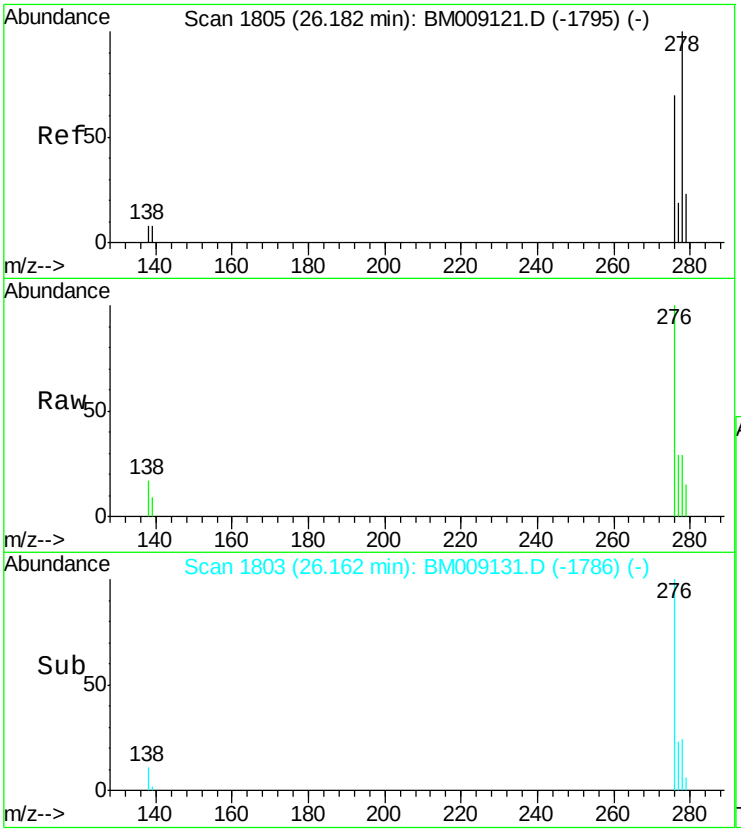


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.46 ng/ul m
RT: 26.15 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Tgt Ion:276 Resp: 2723

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





#25
Dibenzo(a,h)anthracene
Concen: 0.16 ng/ul m
RT: 26.16 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Instrument :
BNA_M
ClientSampleId :
C0AG7

Manual Integrations APPROVED
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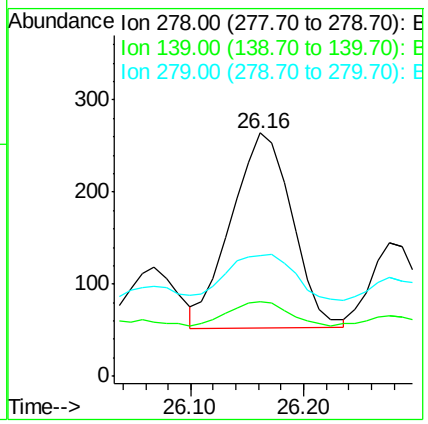
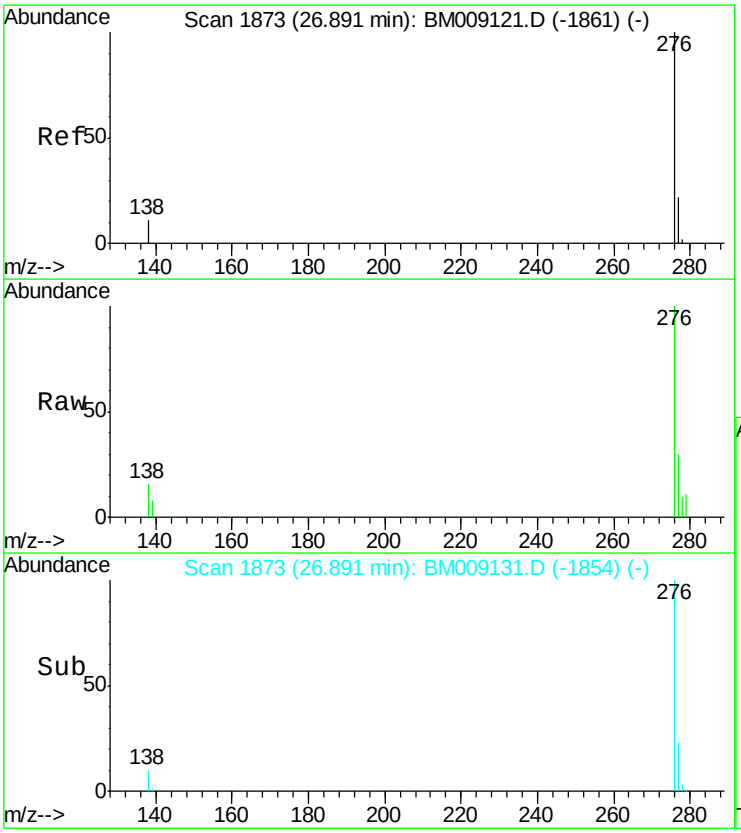
3/9/2017 2:02:46 PM

Tgt Ion:278 Resp: 797

Ion	Ratio	Lower	Upper
278	100		
139	30.7	17.4	26.0#
279	49.6	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.46 ng/ul m
RT: 26.89 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Tgt Ion:276 Resp: 2299

Ion	Ratio	Lower	Upper
276	100		
277	29.5	21.8	32.8
138	16.5	20.5	30.7#