Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
Data File : BM009126.D
Acq On : 09 Mar 2017 03:23
Operator : SJ/MA
Sample : I2062-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK7

Manual Integrations APPROVED
mohammad
3/9/2017 2:01:58 PM

Quant Time: Mar 09 05:45:04 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	404	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	1326	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	857	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1893m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1919	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1436m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	534	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1538	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	2530	0.66	ng/ul	99
5) 2-Methylnaphthalene	12.34	142	2010	0.73	ng/ul	100
7) Acenaphthylene	14.25	152	1022	0.23	ng/ul#	86
8) Acenaphthene	14.57	153	211	0.06	ng/ul#	80
9) Fluorene	15.58	166	402	0.10	ng/ul#	92
12) Phenanthrene	17.31	178	8803m	1.48	ng/ul	
13) Anthracene	17.40	178	2461	0.42	ng/ul	97
15) Fluoranthene	19.32	202	24884	3.21	ng/ul	94
17) Pyrene	19.69	202	23746	3.60	ng/ul	95
18) Benzo(a)anthracene	21.42	228	18407	2.89	ng/ul	96
19) Chrysene	21.47	228	19969	3.30	ng/ul	95
21) Benzo(b)fluoranthene	23.07	252	32450m	5.75	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	9205m	1.85	ng/ul	
23) Benzo(a)pyrene	23.67	252	16889m	3.33	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	11115m	1.72	ng/ul	
25) Dibenzo(a,h)anthracene	26.17	278	2974m	0.55	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	9525m	1.73	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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Acq On : 09 Mar 2017 03:23
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AK7

Manual Integrations APPROVED
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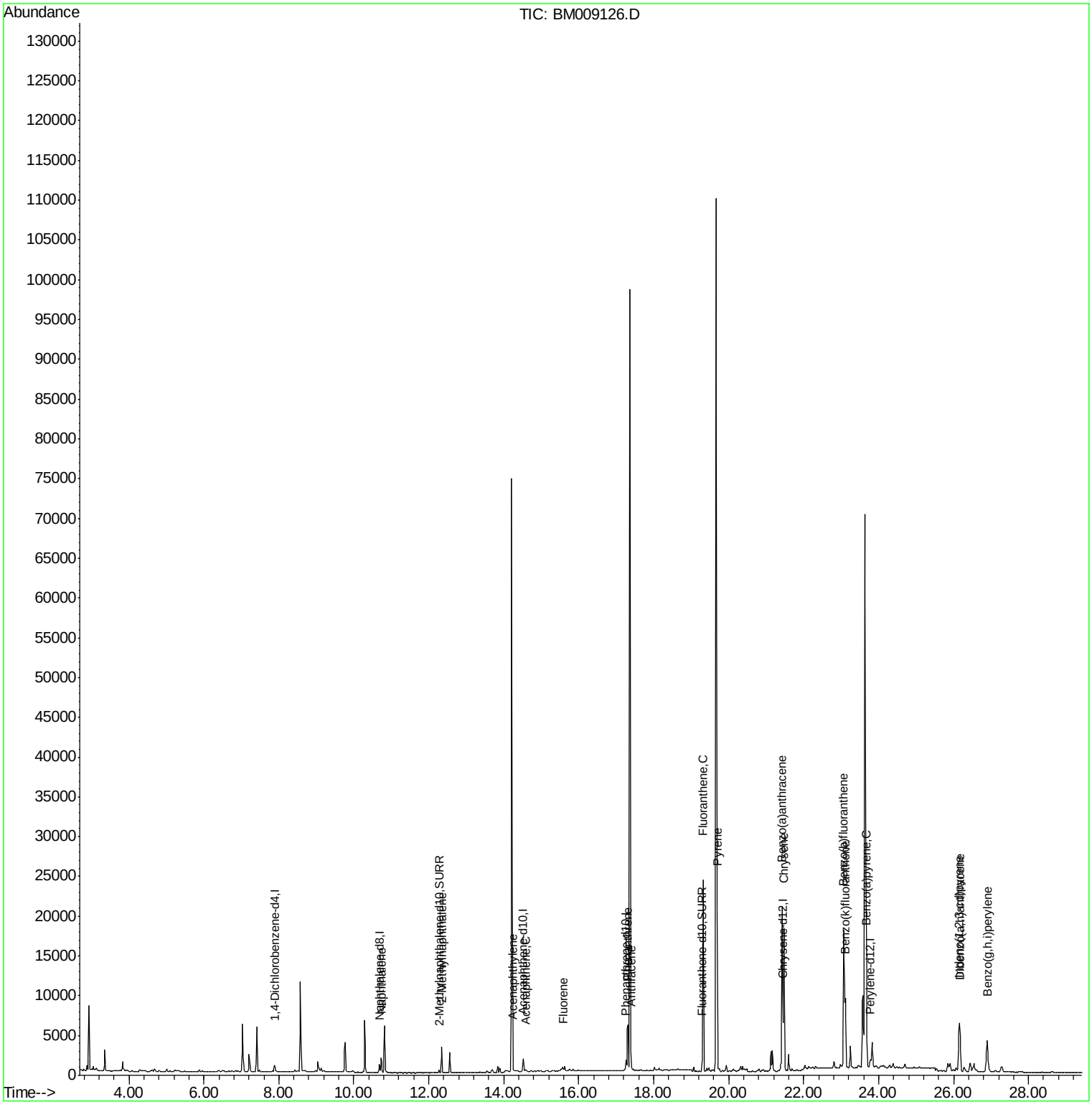
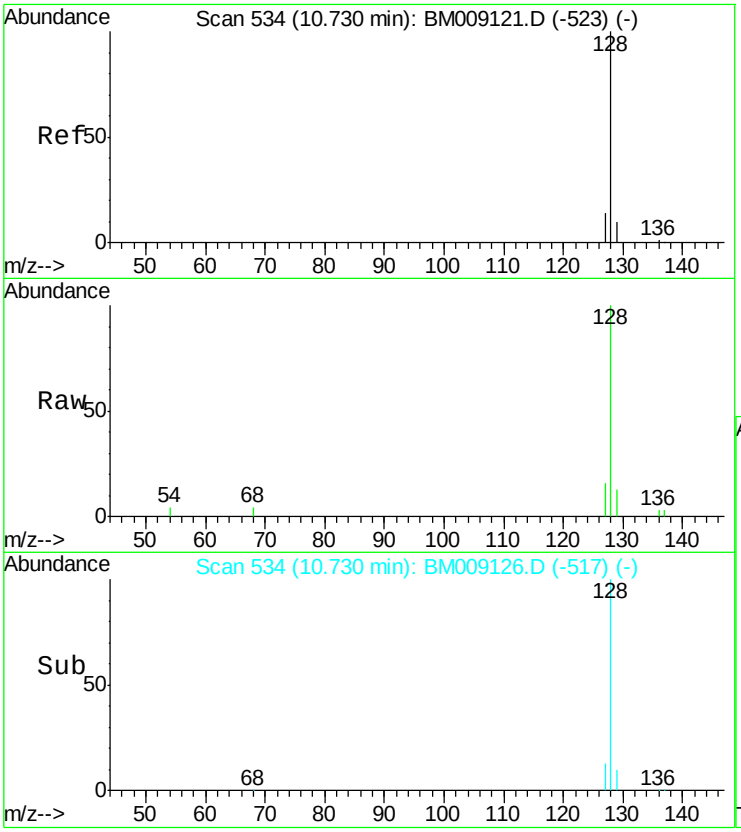
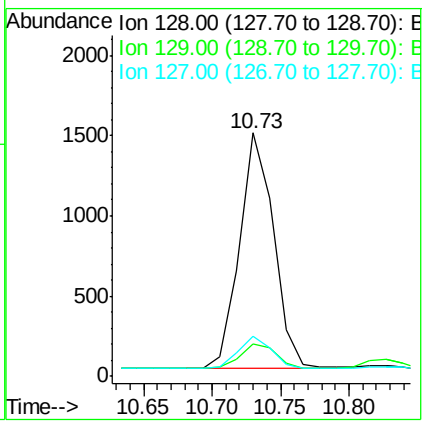




#3
Naphthalene
Concen: 0.66 ng/ul
RT: 10.73 min Scan# 534
Delta R.T. 0.00 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:128 Resp: 2530

Ion	Ratio	Lower	Upper
128	100		
129	13.4	11.3	16.9
127	16.3	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
C0AK7

Manual Integrations APPROVED
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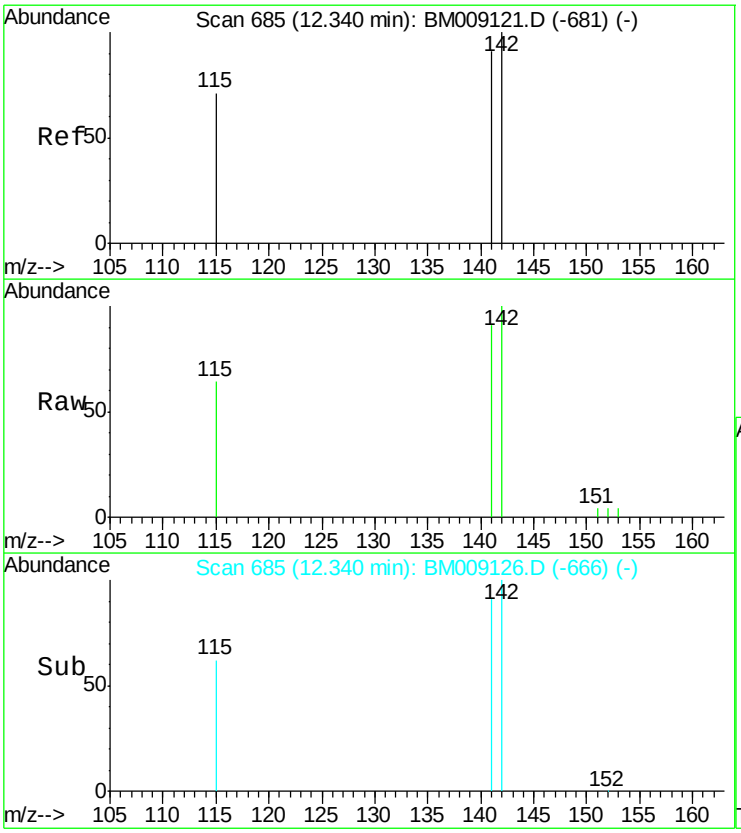
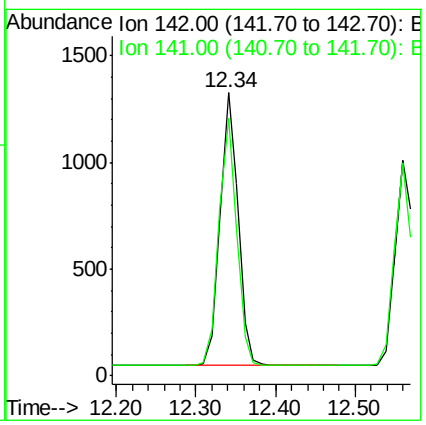
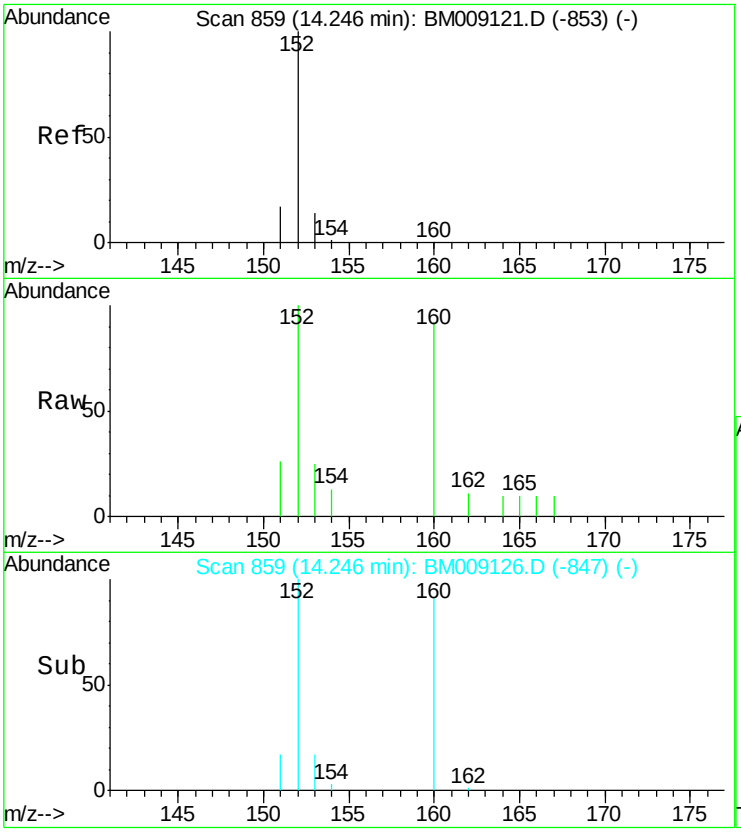


#5
2-Methylnaphthalene
Concen: 0.73 ng/ul
RT: 12.34 min Scan# 685
Delta R.T. 0.00 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:142 Resp: 2010

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.6	108.8

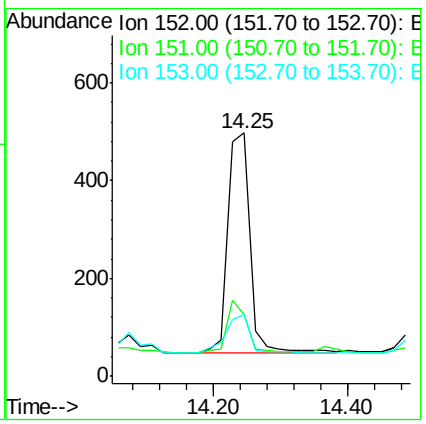




#7
Acenaphthylene
Concen: 0.23 ng/ul
RT: 14.25 min Scan# 859
Delta R.T. 0.00 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:152 Resp: 1022

Ion	Ratio	Lower	Upper
152	100		
151	25.5	17.1	25.7
153	25.3	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
C0AK7

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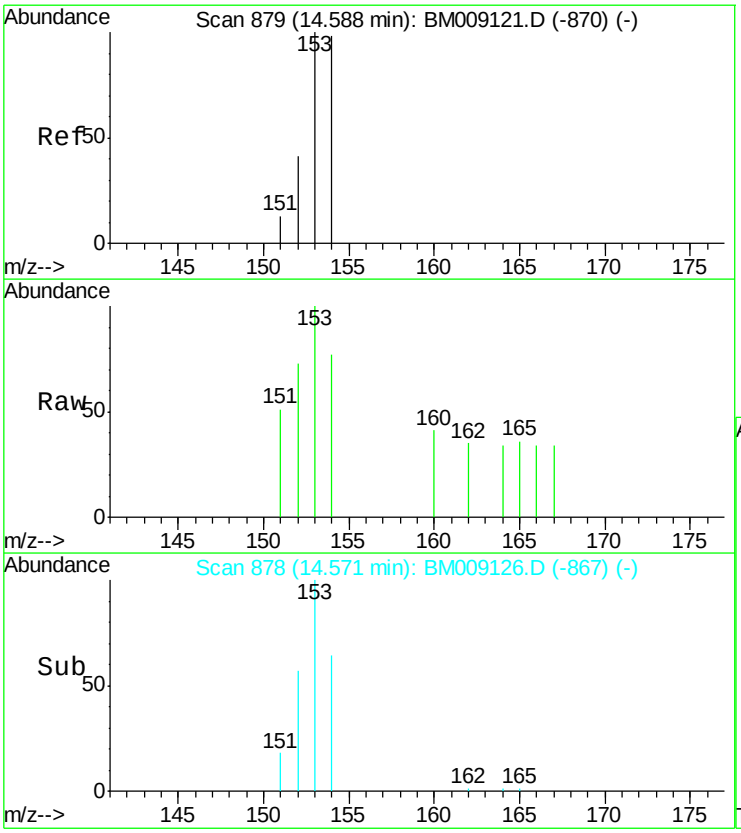
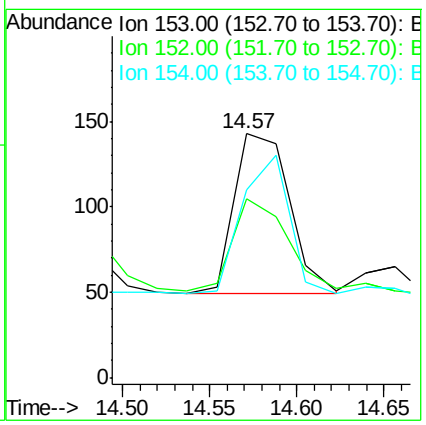
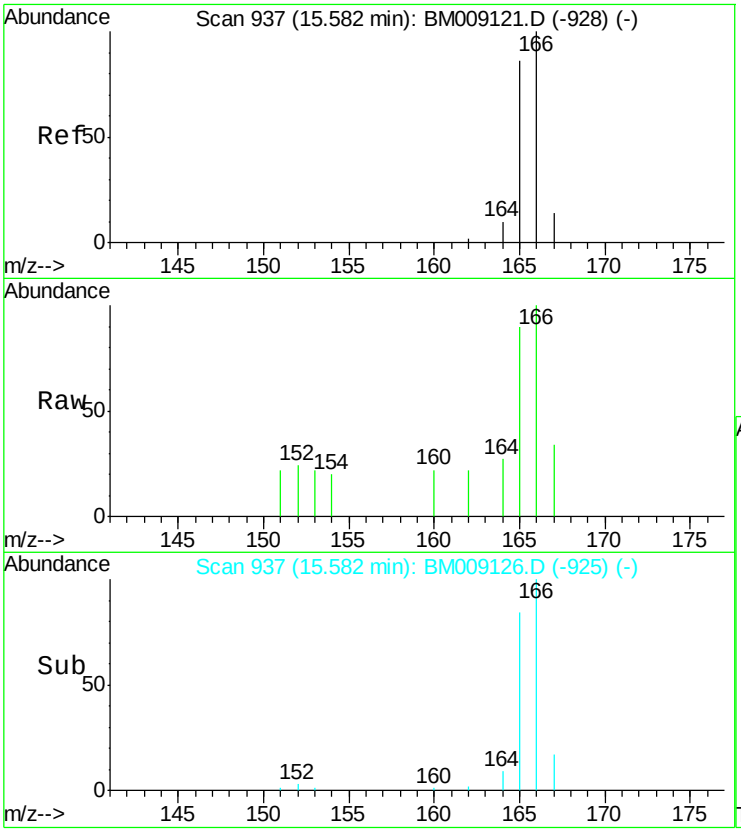


#8
Acenaphthene
Concen: 0.06 ng/ul
RT: 14.57 min Scan# 878
Delta R.T. -0.02 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:153 Resp: 211

Ion	Ratio	Lower	Upper
153	100		
152	73.4	40.3	60.5#
154	76.9	71.4	107.2

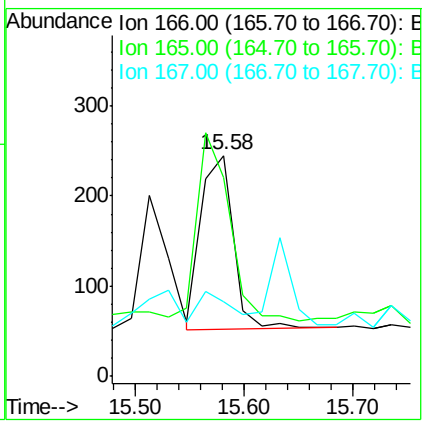




#9
Fluorene
Concen: 0.10 ng/ul
RT: 15.58 min Scan# 937
Delta R.T. 0.00 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:166 Resp: 402

Ion	Ratio	Lower	Upper
166	100		
165	89.8	73.4	110.2
167	33.9	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
C0AK7

Manual Integrations APPROVED
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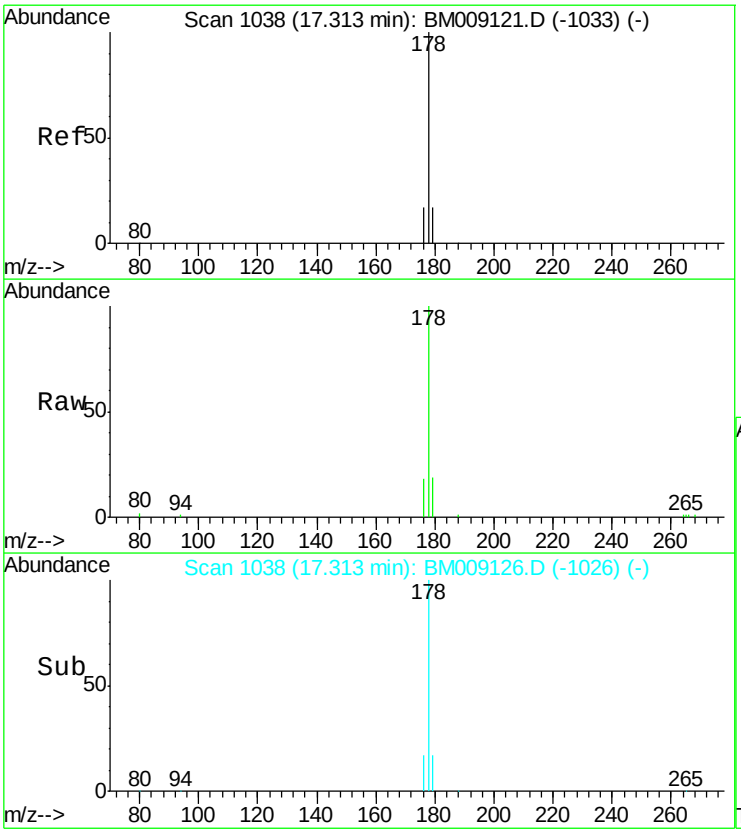
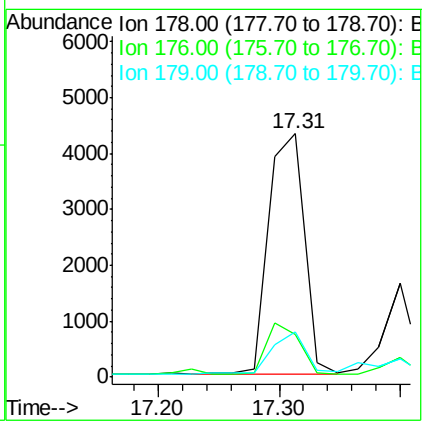
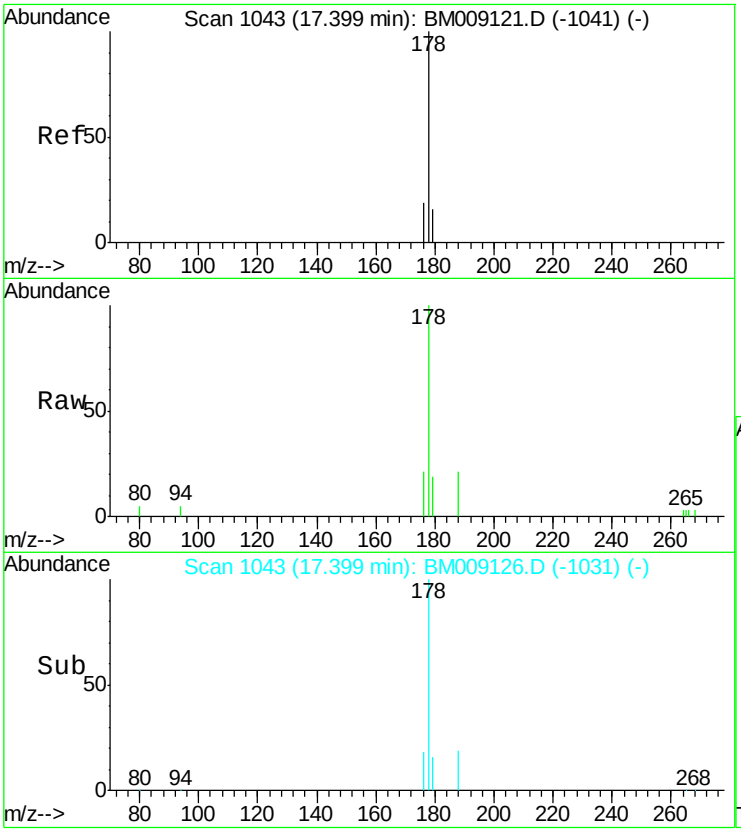


#12
Phenanthrene
Concen: 1.48 ng/ul m
RT: 17.31 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:178 Resp: 8803

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

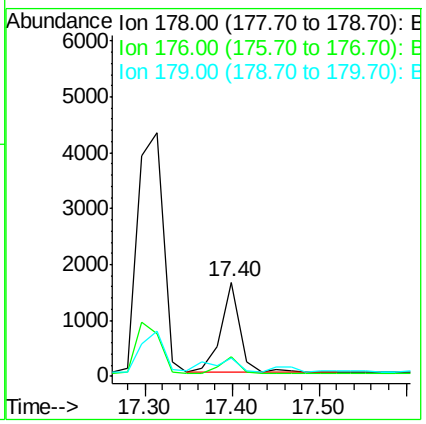




#13
Anthracene
Concen: 0.42 ng/ul
RT: 17.40 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:178 Resp: 2461

Ion	Ratio	Lower	Upper
178	100		
176	20.7	18.1	27.1
179	19.0	14.7	22.1



Instrument :
BNA_M
ClientSampleId :
C0AK7

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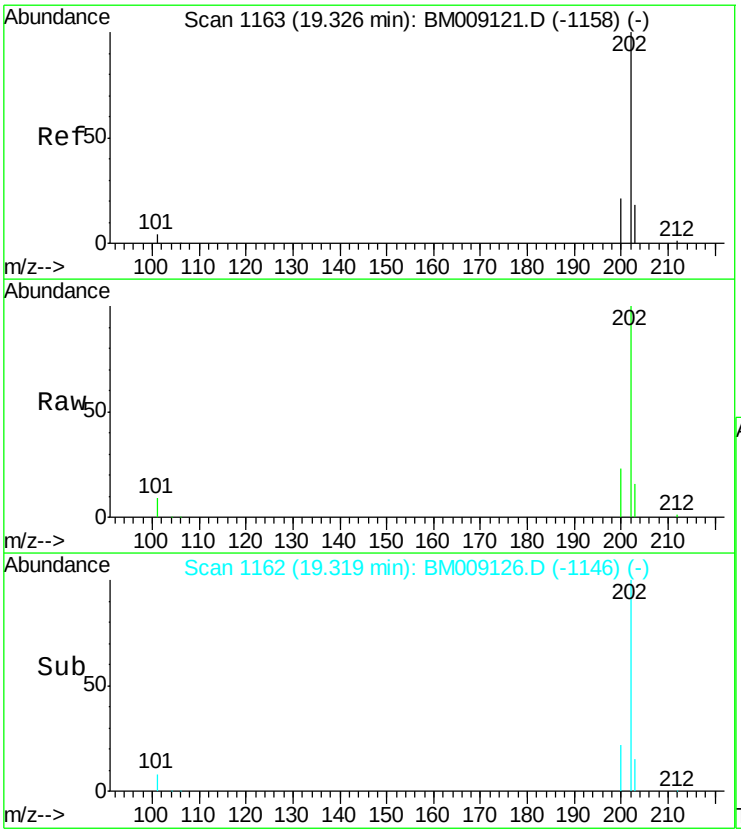
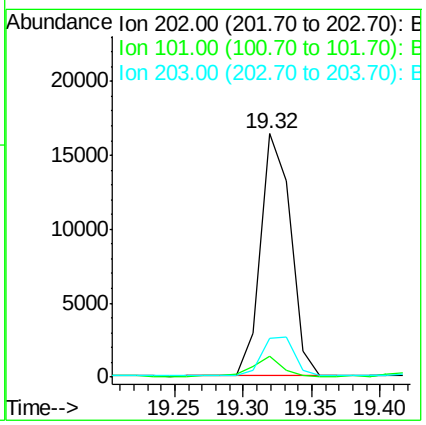
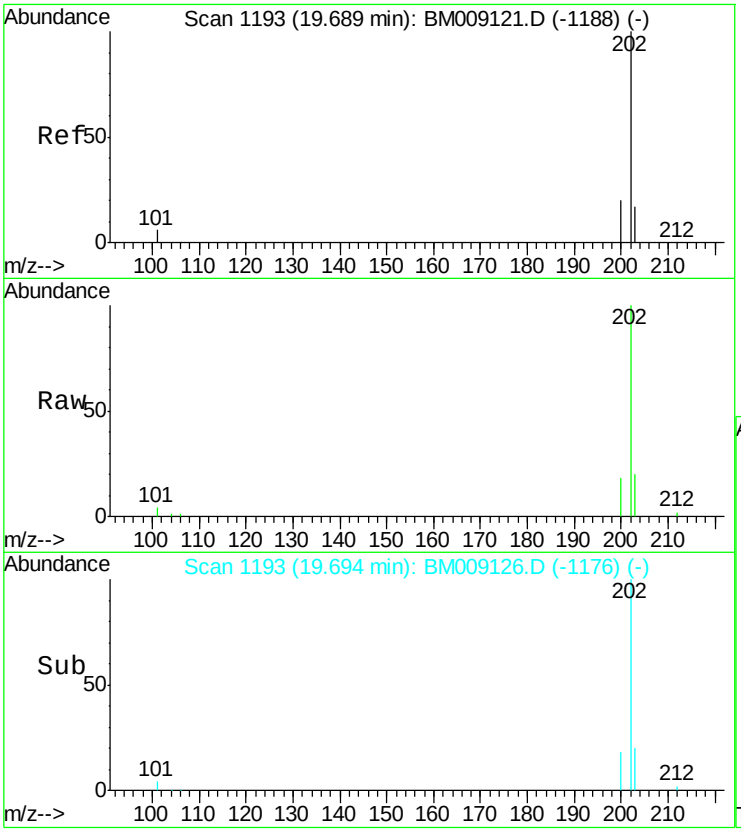


#15
Fluoranthene
Concen: 3.21 ng/ul
RT: 19.32 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:202 Resp: 24884

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.3
203	16.1	0.0	39.5

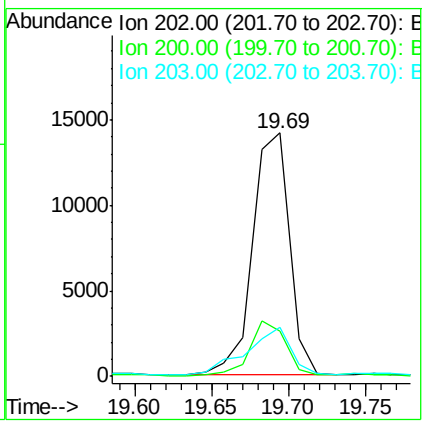




#17
Pyrene
Concen: 3.60 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:202 Resp: 23746

Ion	Ratio	Lower	Upper
202	100		
200	18.5	18.2	27.4
203	20.0	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
C0AK7

Manual Integrations APPROVED
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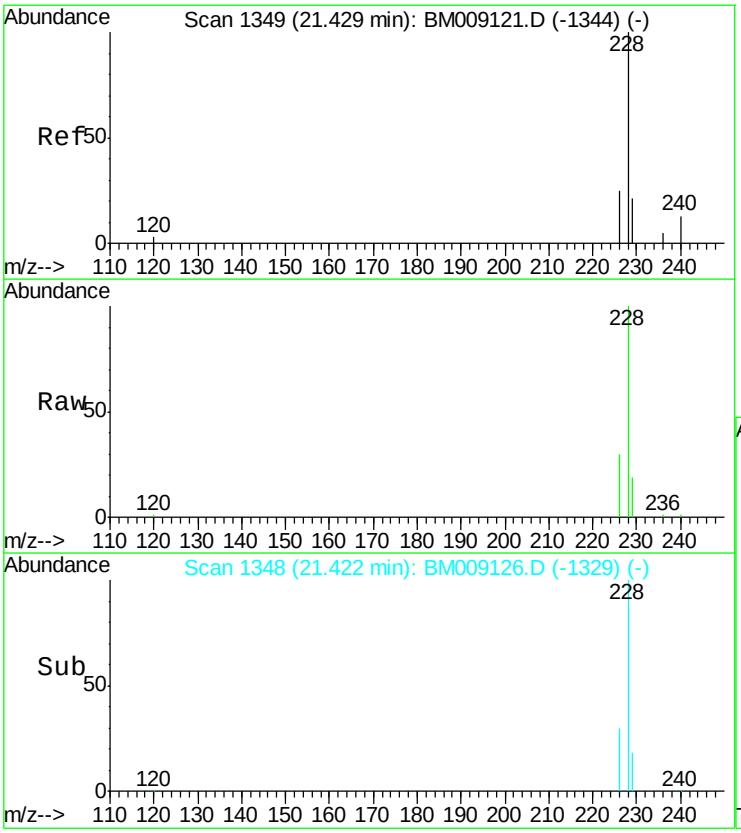
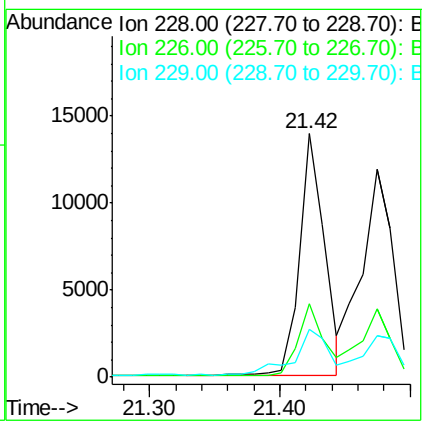
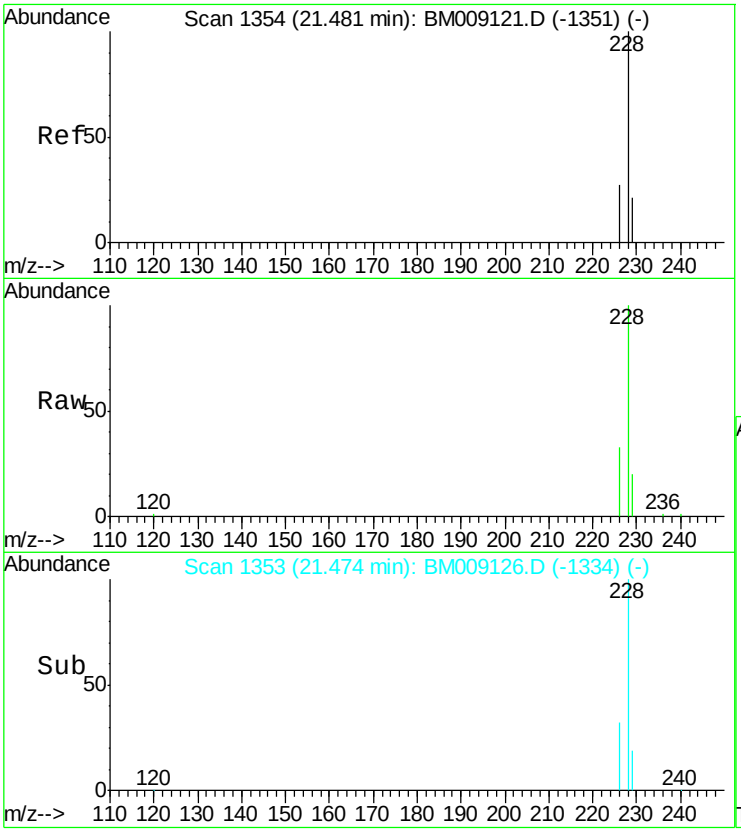


#18
Benzo(a)anthracene
Concen: 2.89 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:228 Resp: 18407

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.8	34.2
229	19.5	17.0	25.6

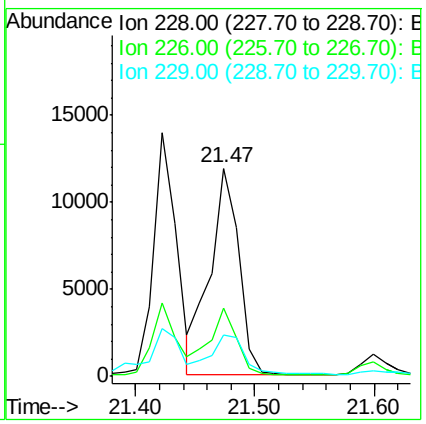




#19
Chrysene
Concen: 3.30 ng/ul
RT: 21.47 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:228 Resp: 19969

Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.4	35.0
229	20.1	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
C0AK7

Manual Integrations APPROVED
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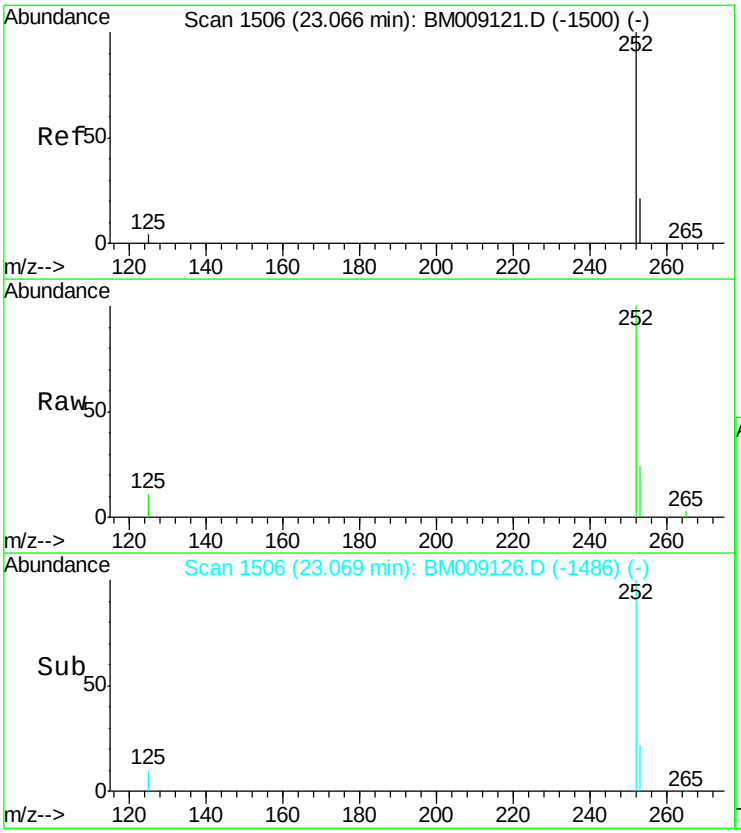
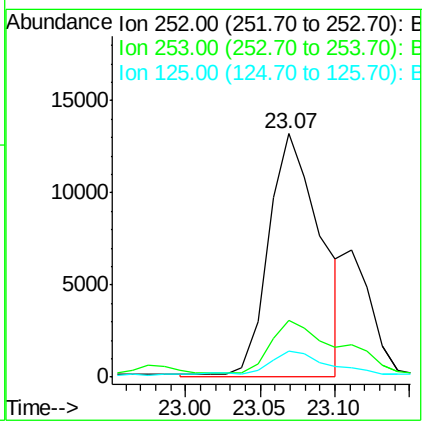
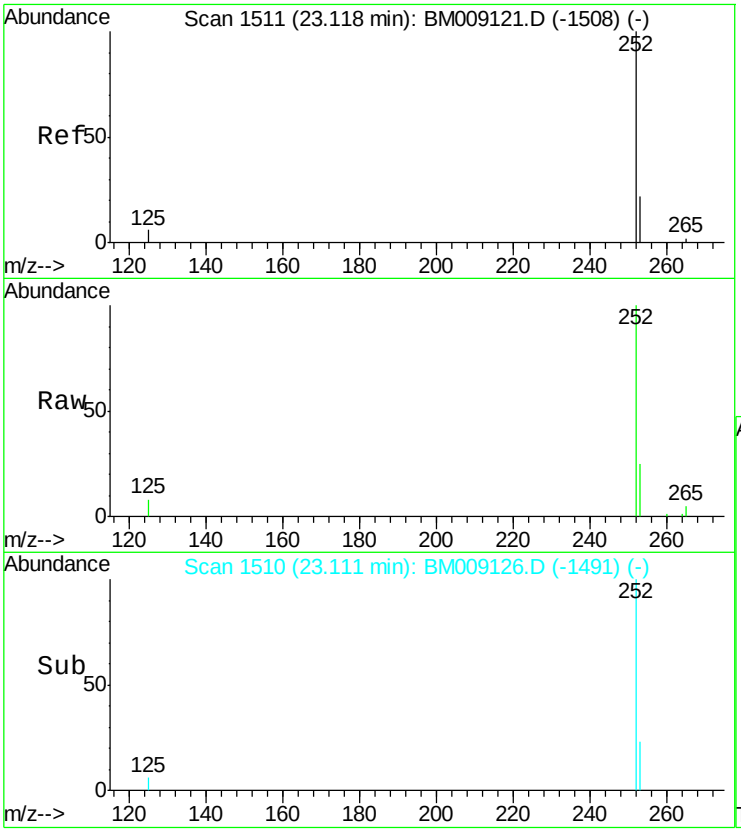


#21
Benzo(b)fluoranthene
Concen: 5.75 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:252 Resp: 32450

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	64.2
125	10.9	0.0	35.0

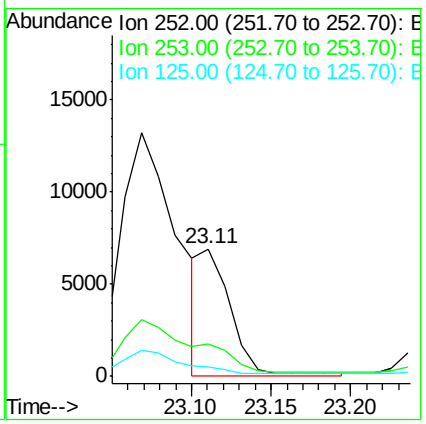




#22
Benzo(k)fluoranthene
Concen: 1.85 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:252 Resp: 9205

Ion	Ratio	Lower	Upper
252	100		
253	25.0	24.5	36.7
125	7.7	13.7	20.5#



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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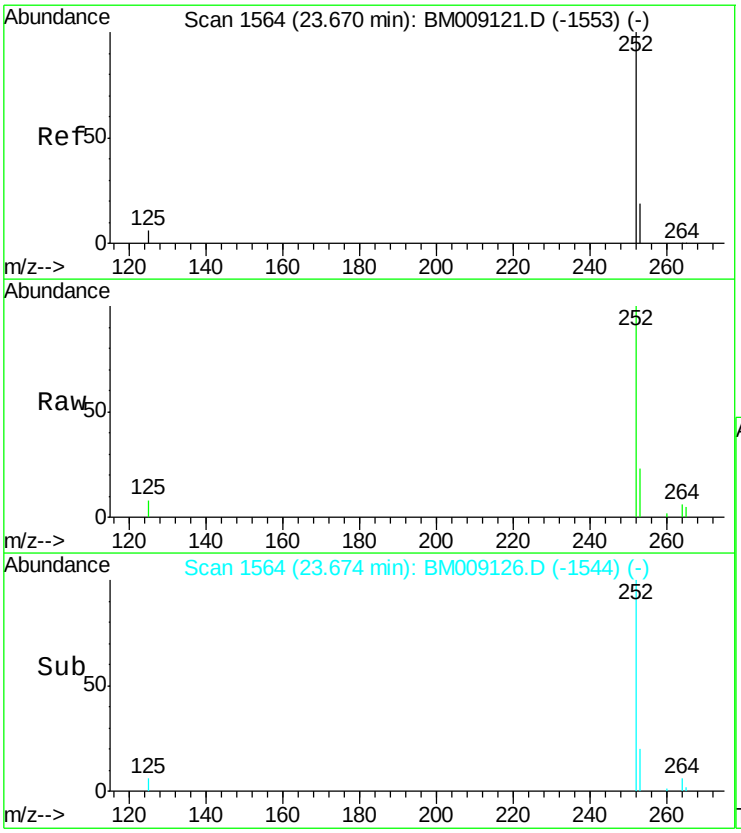
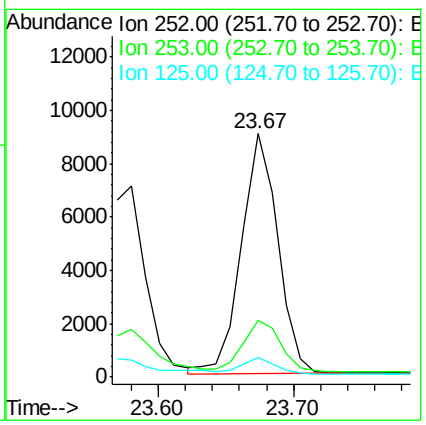
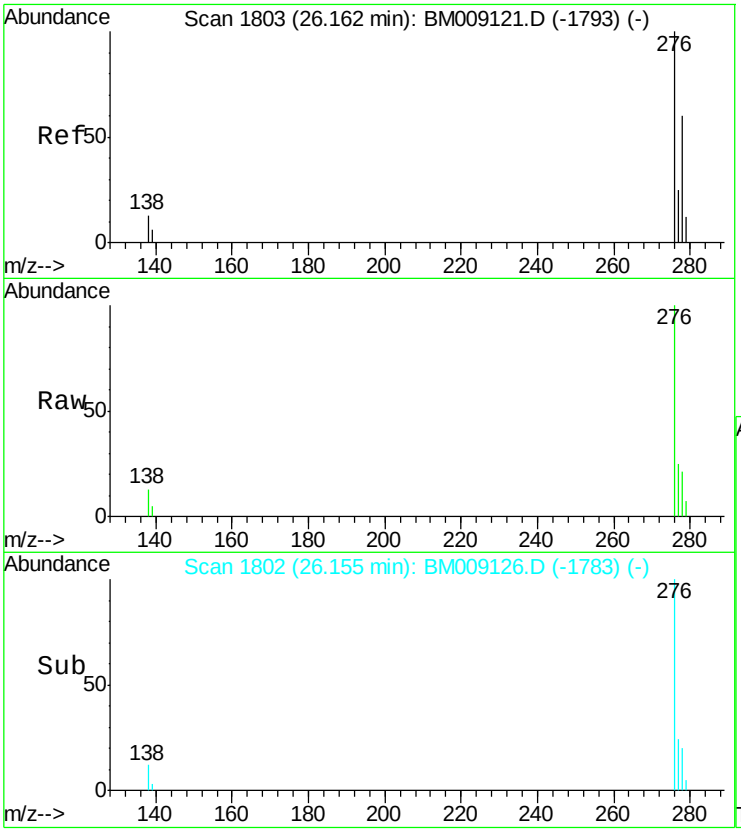


#23
Benzo(a)pyrene
Concen: 3.33 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:252 Resp: 16889

Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7#
125	7.8	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.72 ng/ul m
RT: 26.15 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:276 Resp: 11115

Ion	Ratio	Lower	Upper
276	100		
138	0.4	19.1	28.7#
277	0.9	19.6	29.4#

Instrument :
BNA_M
ClientSampleId :
C0AK7

Manual Integrations APPROVED
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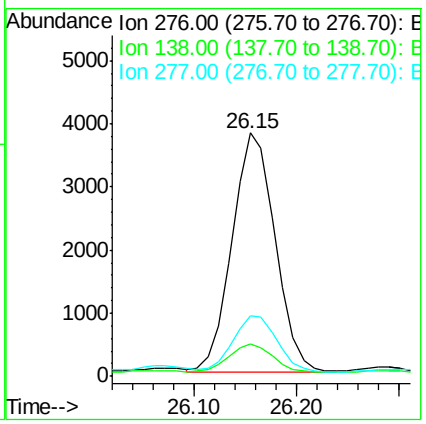
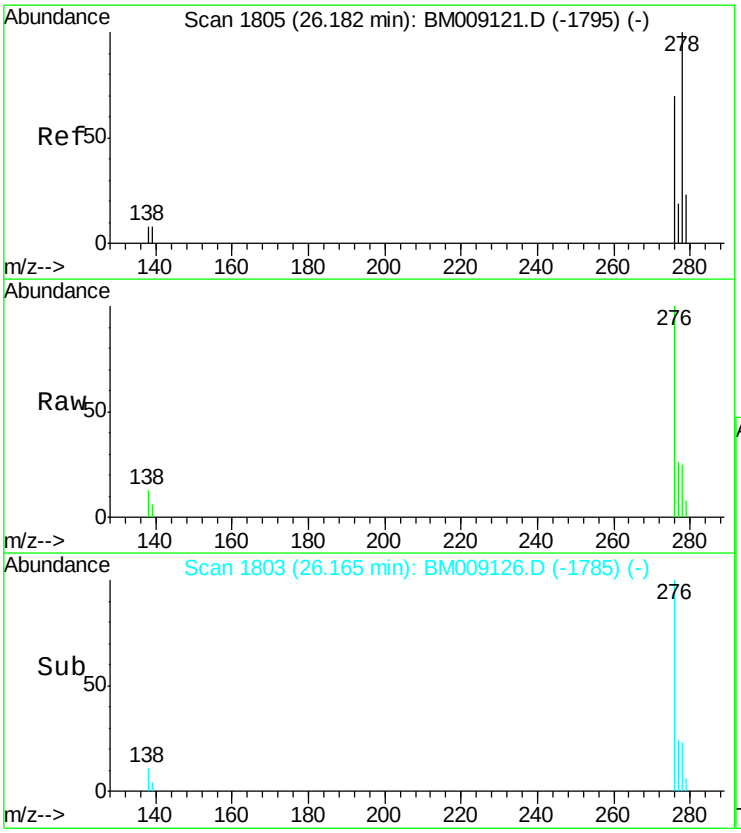
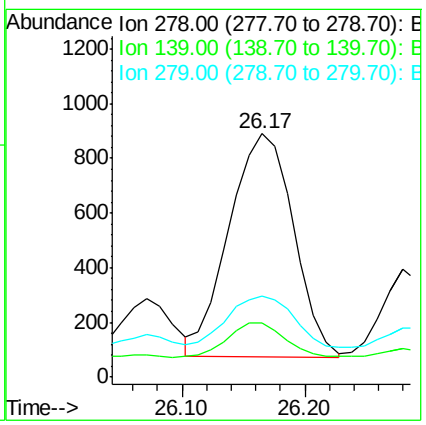


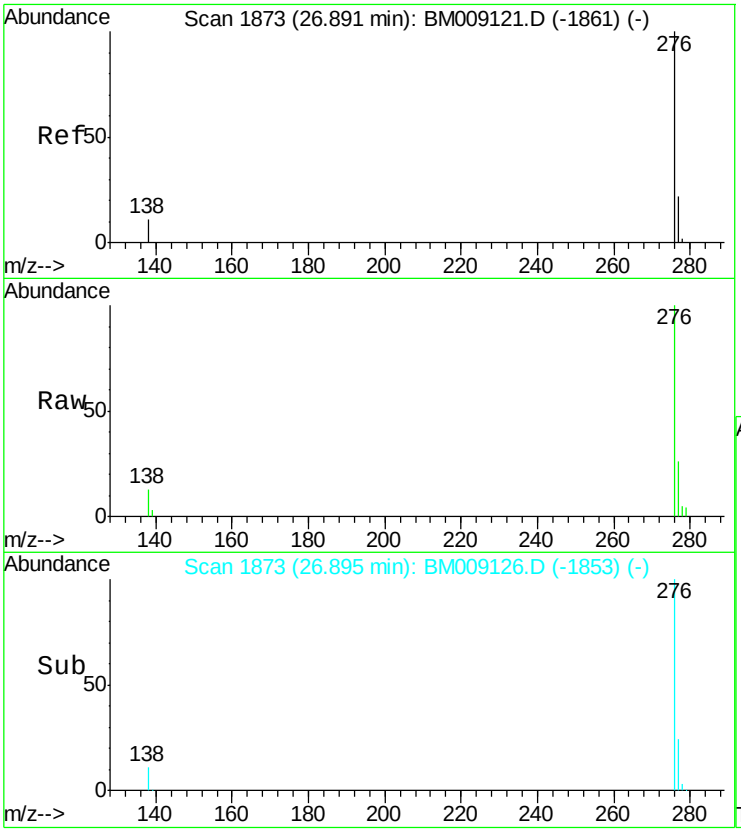


#25
Dibenzo(a,h)anthracene
Concen: 0.55 ng/ul m
RT: 26.17 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:278 Resp: 2974

Ion	Ratio	Lower	Upper
278	100		
139	22.4	17.4	26.0
279	33.4	25.9	38.9

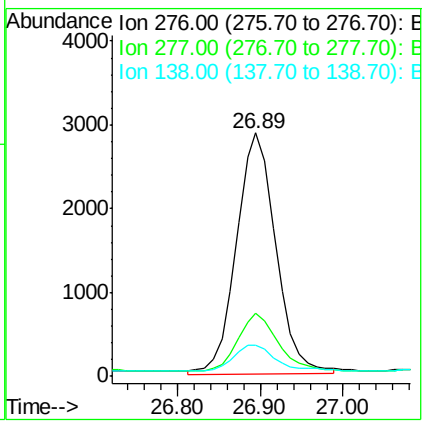




#26
Benzo(g,h,i)perylene
Concen: 1.73 ng/ul m
RT: 26.89 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion:276 Resp: 9525

Ion	Ratio	Lower	Upper
276	100		
277	25.7	21.8	32.8
138	12.8	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
C0AK7

Manual Integrations APPROVED
mohammad
3/9/2017 2:01:58 PM