Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031117\
Data File : BM009203.D
Acq On : 11 Mar 2017 12:20
Operator : SJ/MA
Sample : I2107-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ9

Manual Integrations APPROVED
mohammad
3/13/2017 5:13:17 PM

Quant Time: Mar 13 11:26:13 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	234	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	772	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	488	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1101m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1298	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1150m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	192	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	550	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	1147	0.52	ng/ul#	93
5) 2-Methylnaphthalene	12.34	142	848	0.53	ng/ul	98
7) Acenaphthylene	14.23	152	307	0.12	ng/ul#	59
8) Acenaphthene	14.57	153	131	0.07	ng/ul#	88
9) Fluorene	15.56	166	153	0.07	ng/ul#	74
12) Phenanthrene	17.30	178	3143	0.91	ng/ul	99
13) Anthracene	17.40	178	766	0.22	ng/ul#	87
15) Fluoranthene	19.31	202	7301	1.62	ng/ul	96
17) Pyrene	19.69	202	7099	1.59	ng/ul	95
18) Benzo(a)anthracene	21.42	228	4386	1.02	ng/ul	98
19) Chrysene	21.47	228	4814	1.18	ng/ul	95
21) Benzo(b)fluoranthene	23.07	252	7327m	1.62	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	1908m	0.48	ng/ul	
23) Benzo(a)pyrene	23.67	252	4013m	0.99	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	2770m	0.54	ng/ul	
25) Dibenzo(a,h)anthracene	26.16	278	859m	0.20	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	2299m	0.52	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031117\
Data File : BM009203.D
Acq On : 11 Mar 2017 12:20
Operator : SJ/MA
Sample : I2107-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 11:26:13 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

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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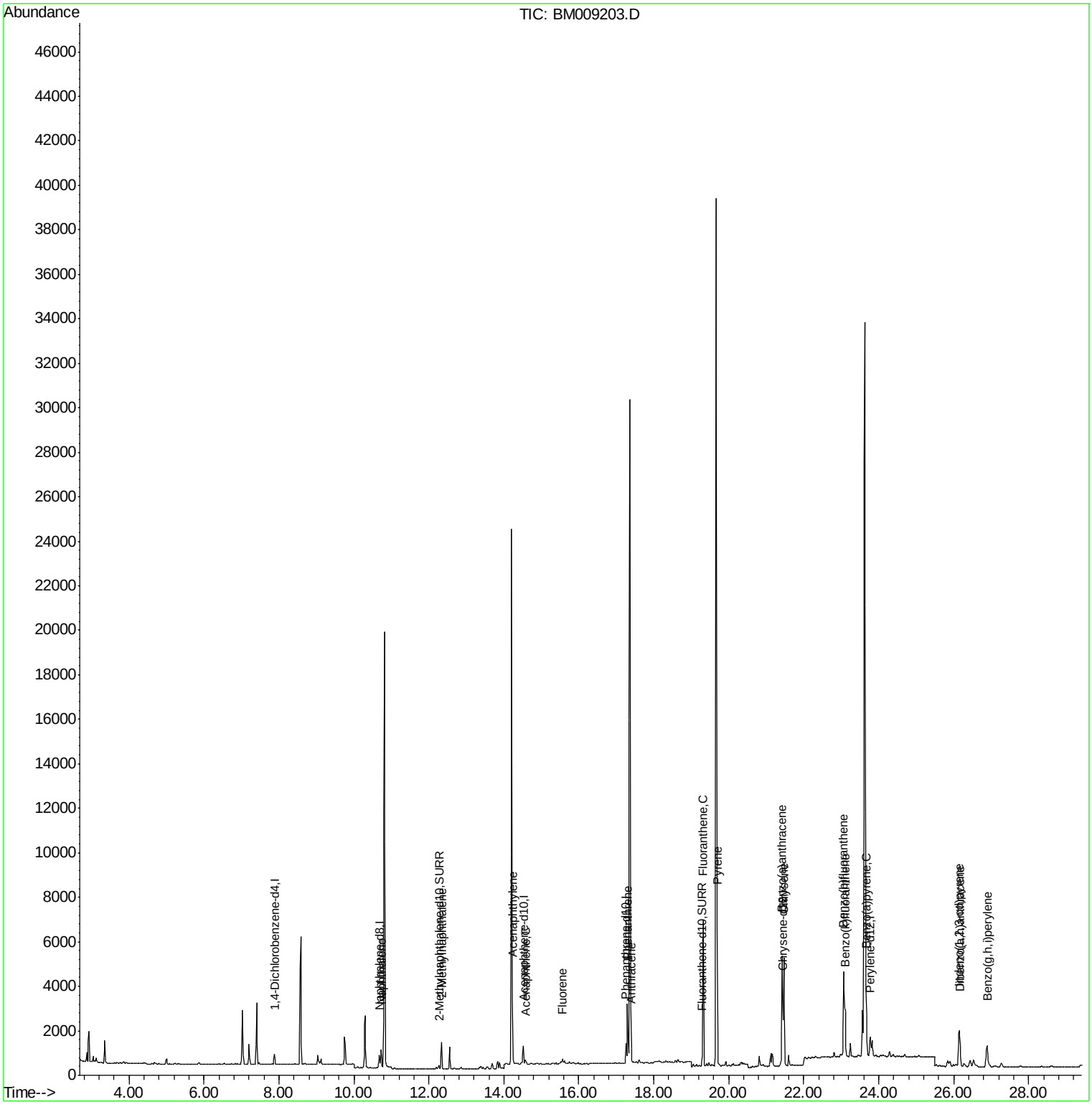

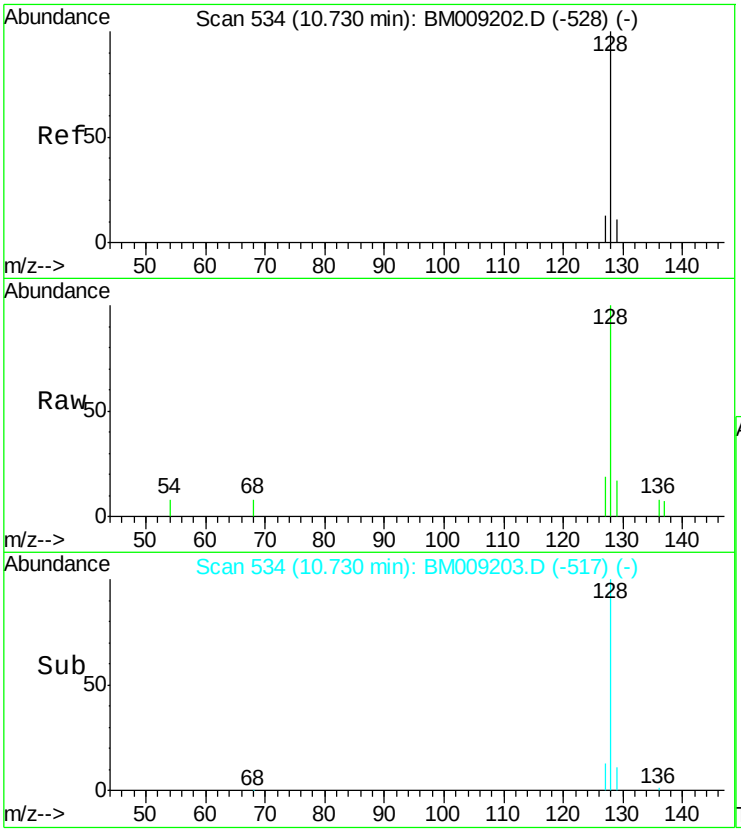

#3
Naphthalene
Concen: 0.52 ng/ul
RT: 10.73 min Scan# 534
Delta R.T. -0.00 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Tgt Ion:128 Resp: 1147

Ion	Ratio	Lower	Upper
128	100		
129	16.9	11.3	16.9#
127	18.6	12.8	19.2

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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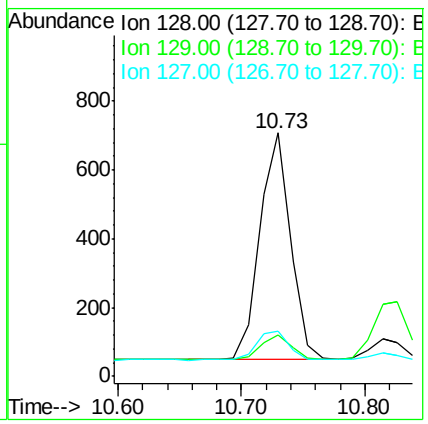
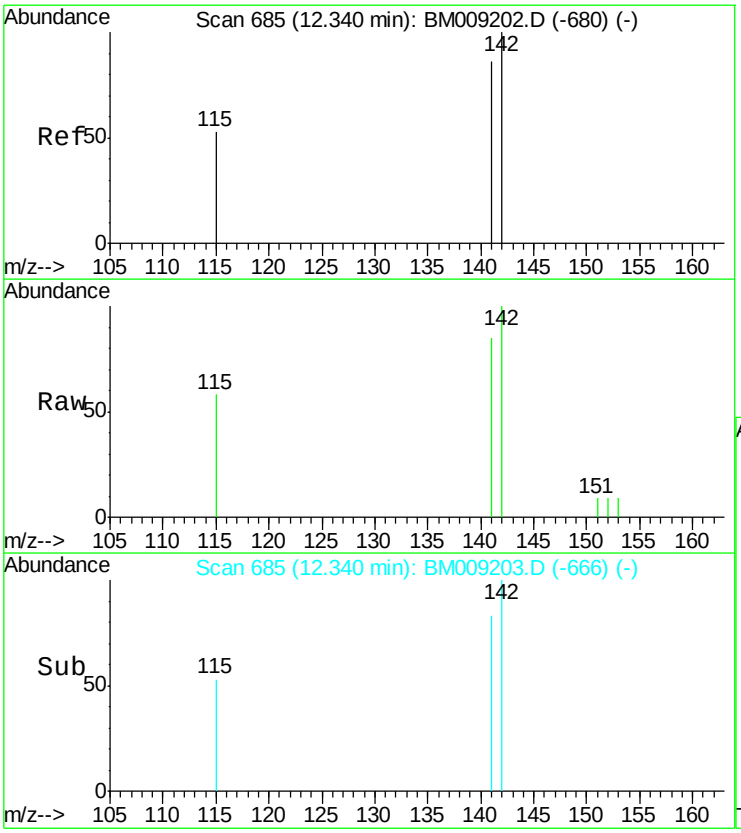
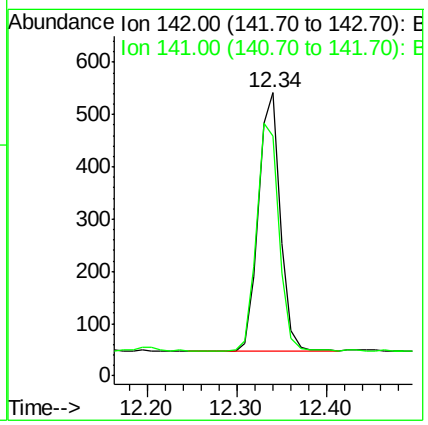


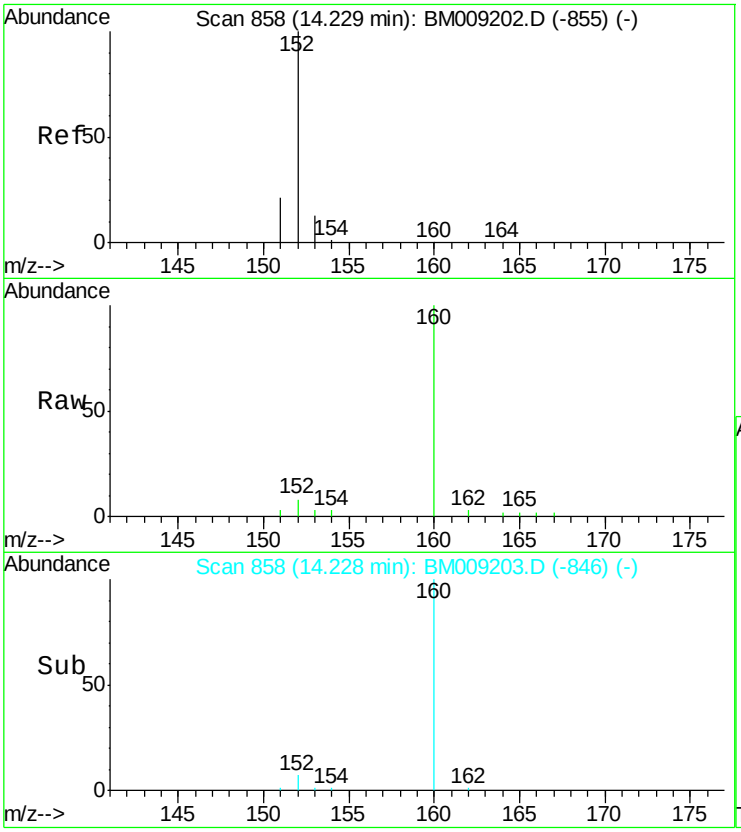


#5
2-Methylnaphthalene
Concen: 0.53 ng/ul
RT: 12.34 min Scan# 685
Delta R.T. -0.00 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Tgt Ion:142 Resp: 848

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8

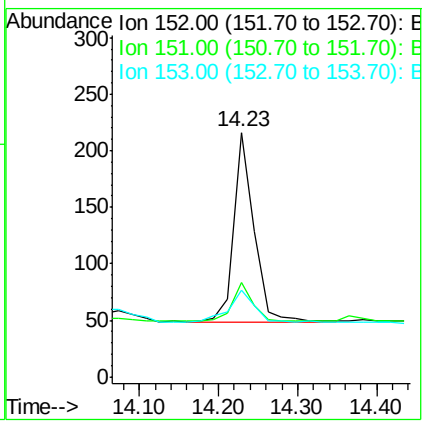




#7
Acenaphthylene
Concen: 0.12 ng/ul
RT: 14.23 min Scan# 858
Delta R.T. -0.00 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Tgt Ion:152 Resp: 307

Ion	Ratio	Lower	Upper
152	100		
151	38.9	17.1	25.7#
153	35.6	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
C0AJ9

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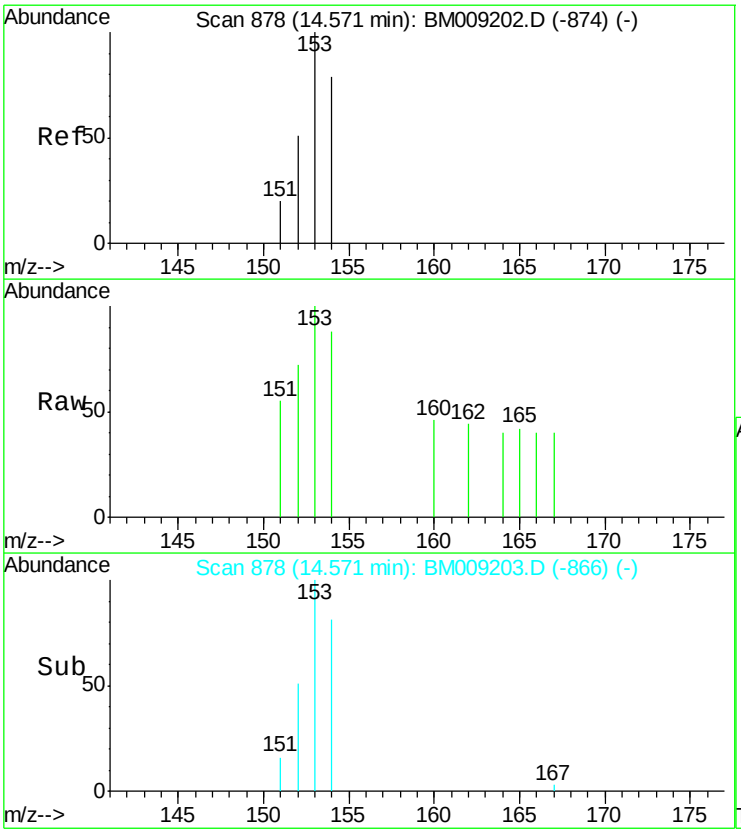
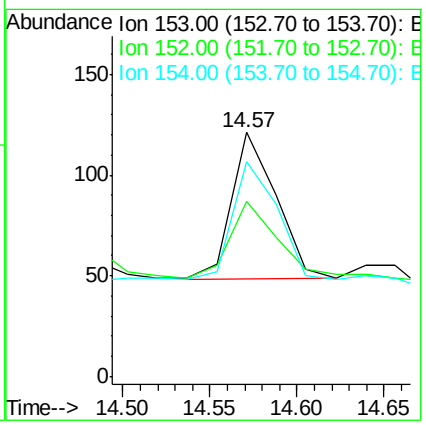
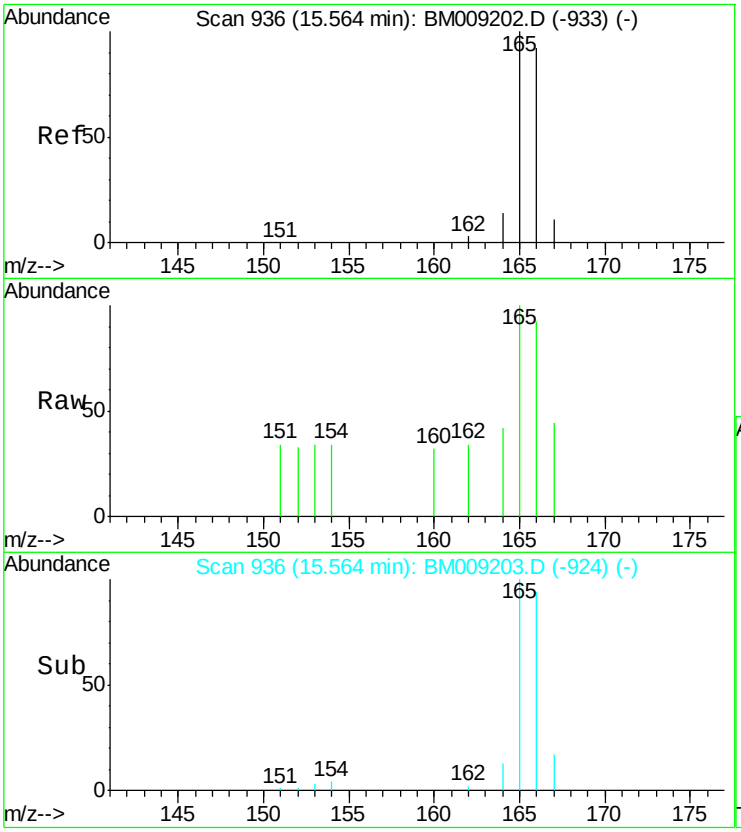


#8
Acenaphthene
Concen: 0.07 ng/ul
RT: 14.57 min Scan# 878
Delta R.T. -0.00 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Tgt Ion:153 Resp: 131

Ion	Ratio	Lower	Upper
153	100		
152	71.9	40.3	60.5#
154	88.4	71.4	107.2

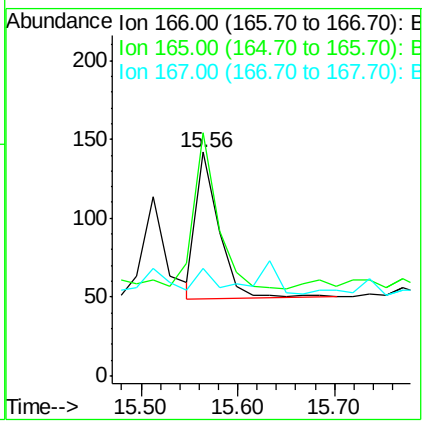




#9
Fluorene
Concen: 0.07 ng/ul
RT: 15.56 min Scan# 936
Delta R.T. -0.00 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Tgt Ion:166 Resp: 153

Ion	Ratio	Lower	Upper
166	100		
165	108.5	73.4	110.2
167	47.9	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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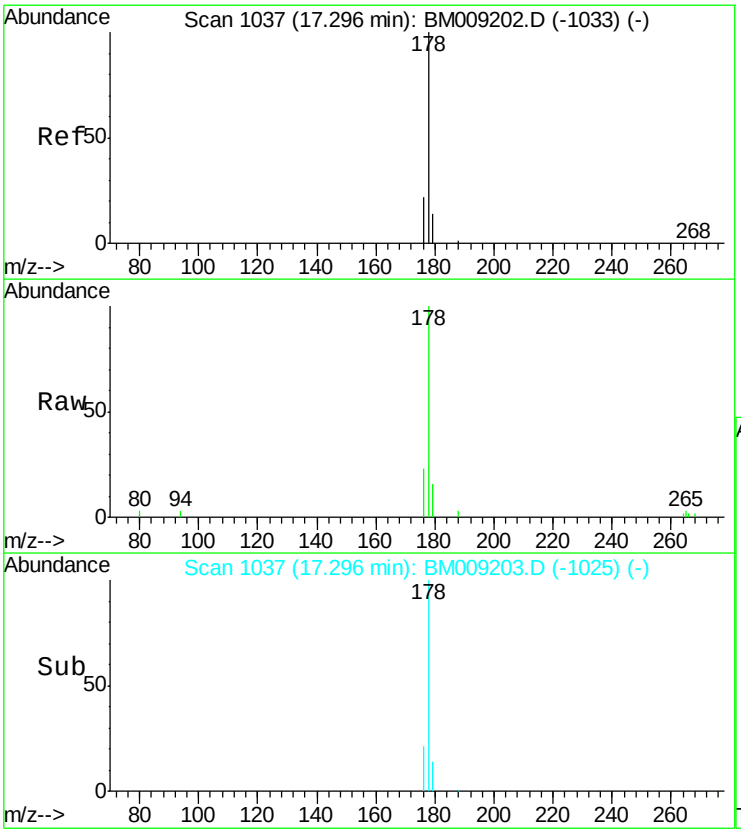
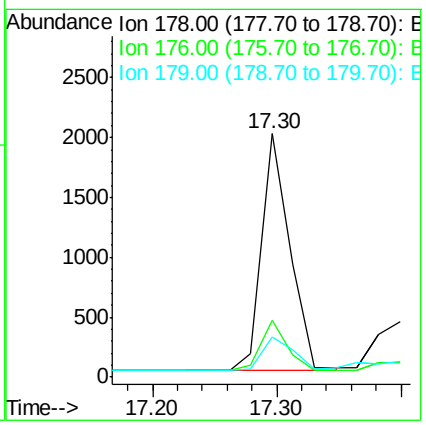
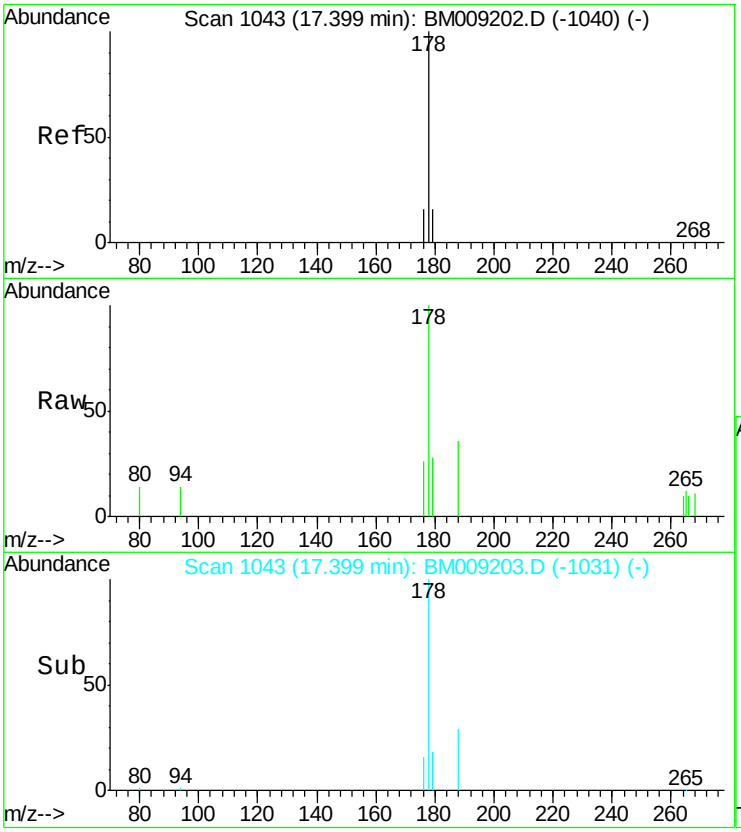


#12
Phenanthrene
Concen: 0.91 ng/ul
RT: 17.30 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Tgt Ion:178 Resp: 3143

Ion	Ratio	Lower	Upper
178	100		
176	23.1	18.4	27.6
179	16.3	13.6	20.4





#13
Anthracene
Concen: 0.22 ng/ul
RT: 17.40 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Tgt Ion:178 Resp: 766

Ion	Ratio	Lower	Upper
178	100		
176	25.9	18.1	27.1
179	27.9	14.7	22.1#

Instrument :
BNA_M
ClientSampleId :
C0AJ9

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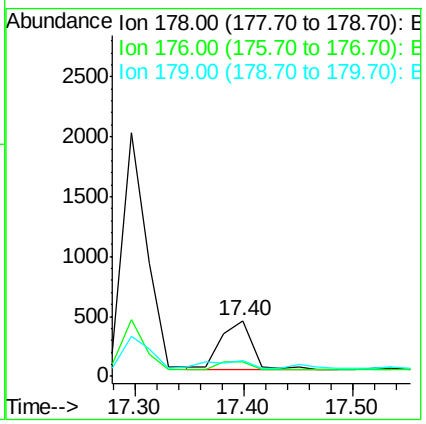
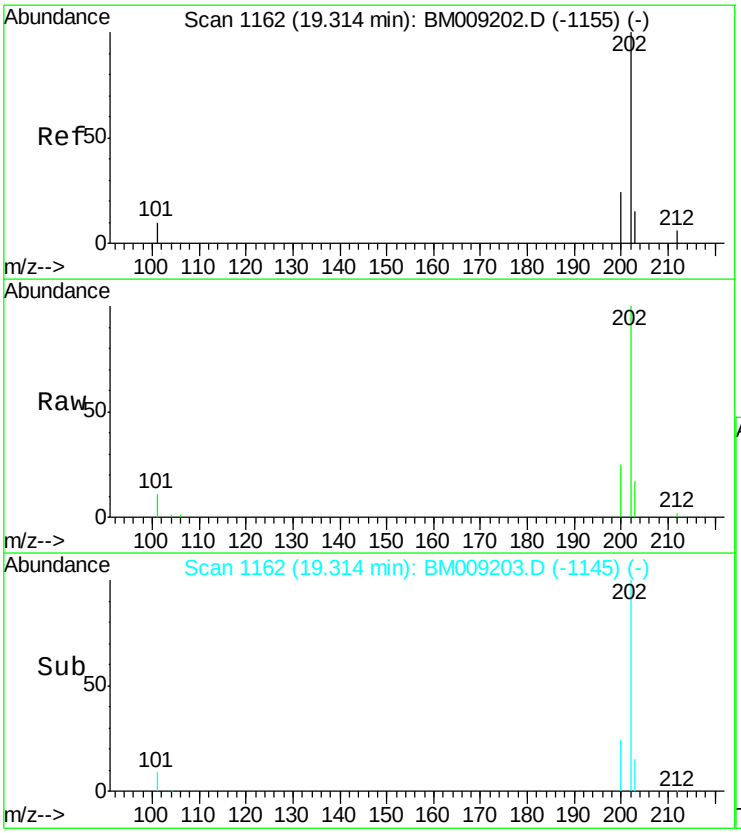
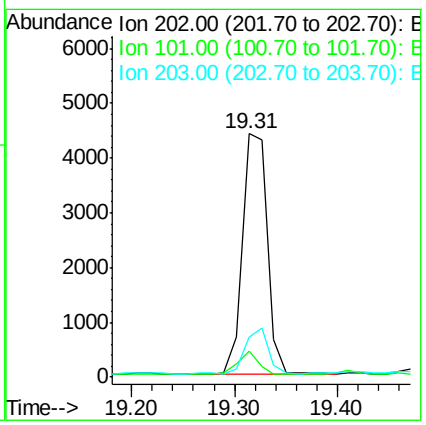


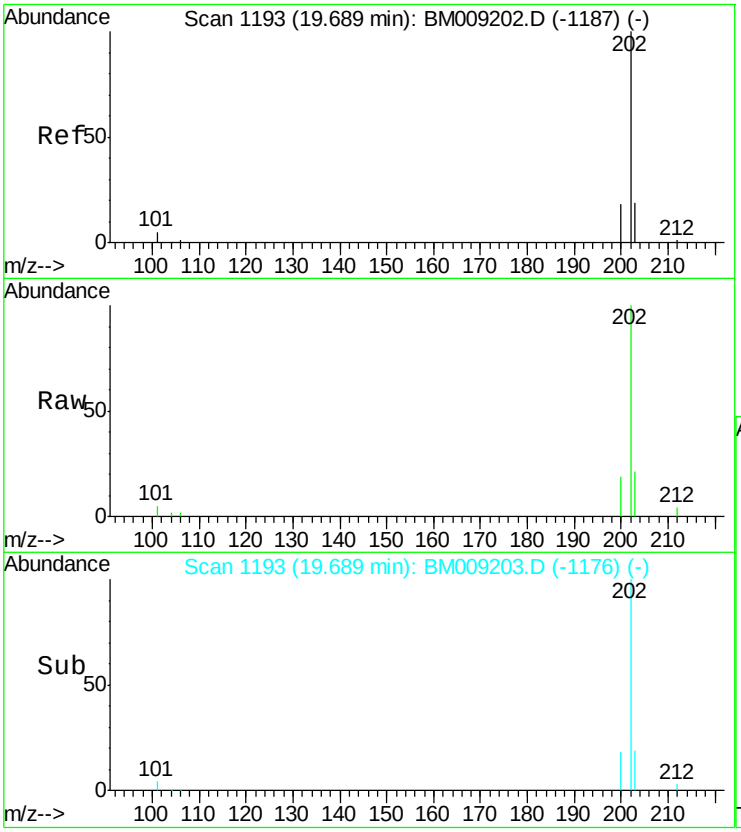


#15
Fluoranthene
Concen: 1.62 ng/ul
RT: 19.31 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Tgt Ion:202 Resp: 7301

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
203	16.7	0.0	39.5

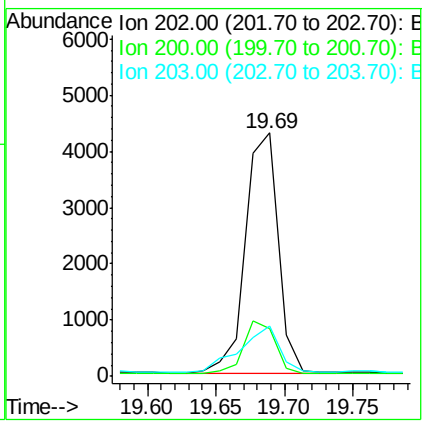




#17
Pyrene
Concen: 1.59 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Tgt Ion:202 Resp: 7099

Ion	Ratio	Lower	Upper
202	100		
200	19.4	18.2	27.4
203	20.6	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
C0AJ9

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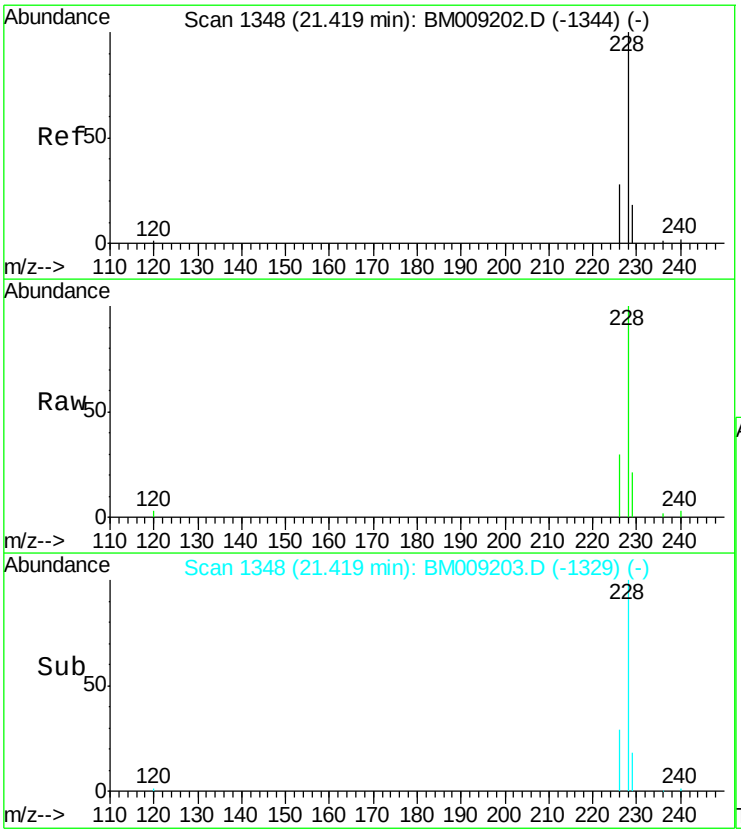
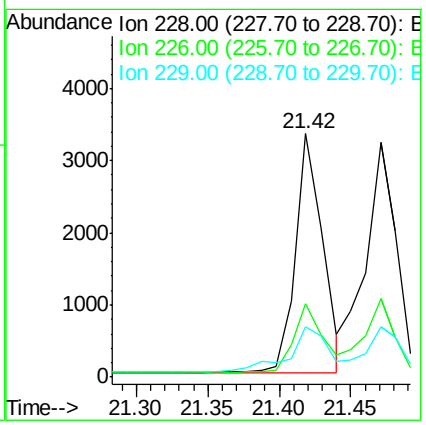
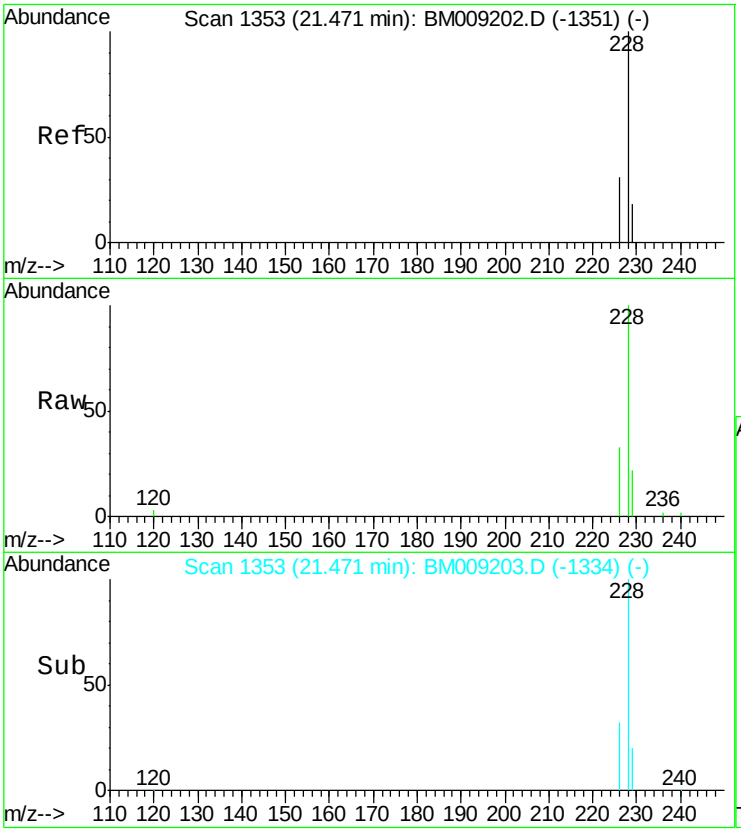


#18
Benzo(a)anthracene
Concen: 1.02 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Tgt Ion:228 Resp: 4386

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.8	34.2
229	20.6	17.0	25.6





#19
Chrysene
Concen: 1.18 ng/ul
RT: 21.47 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Tgt Ion:228 Resp: 4814

Ion	Ratio	Lower	Upper
228	100		
226	33.3	23.4	35.0
229	21.7	17.7	26.5

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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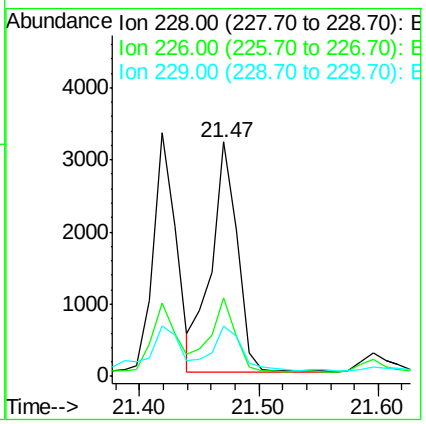
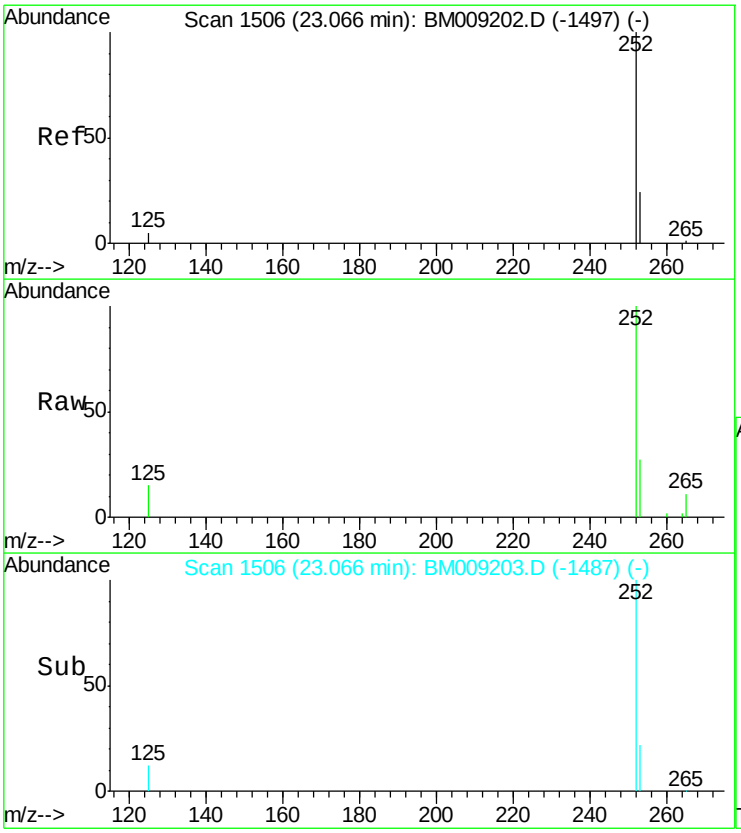
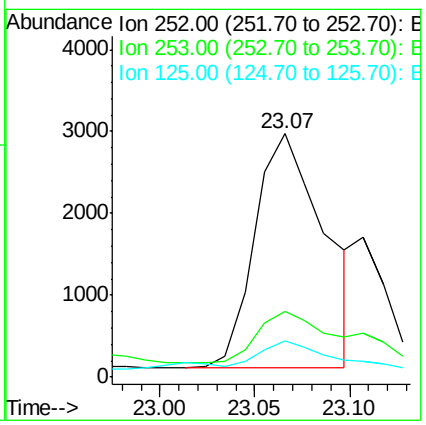


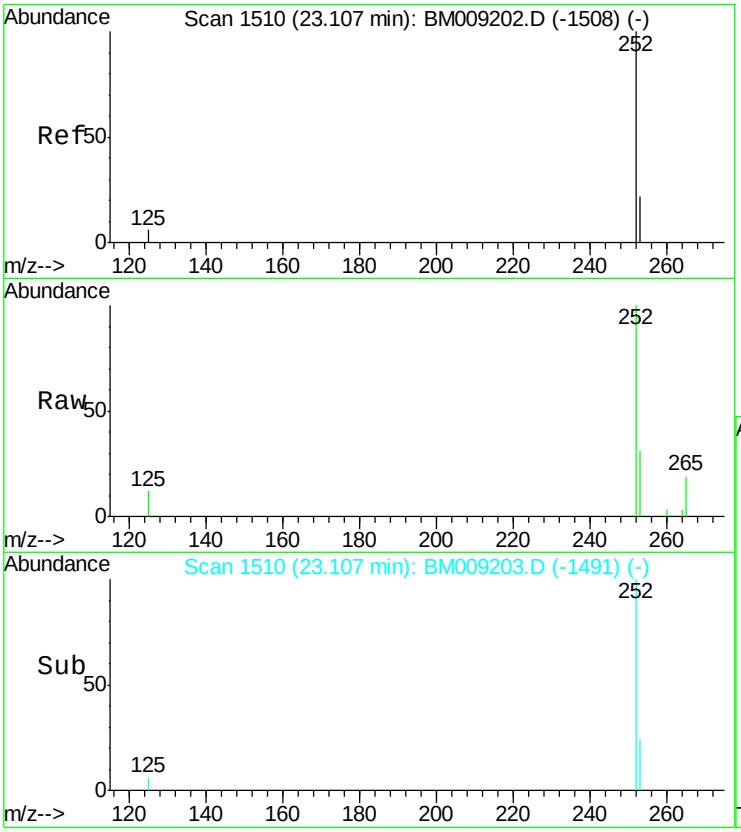


#21
Benzo(b)fluoranthene
Concen: 1.62 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Tgt Ion:252 Resp: 7327

Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	64.2
125	14.8	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.48 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Tgt Ion:252 Resp: 1908

Ion	Ratio	Lower	Upper
252	100		
253	31.3	24.5	36.7
125	11.7	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
C0AJ9

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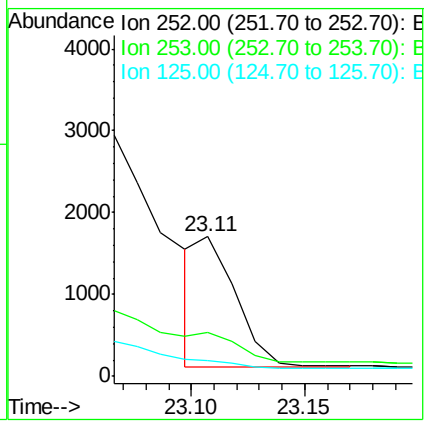
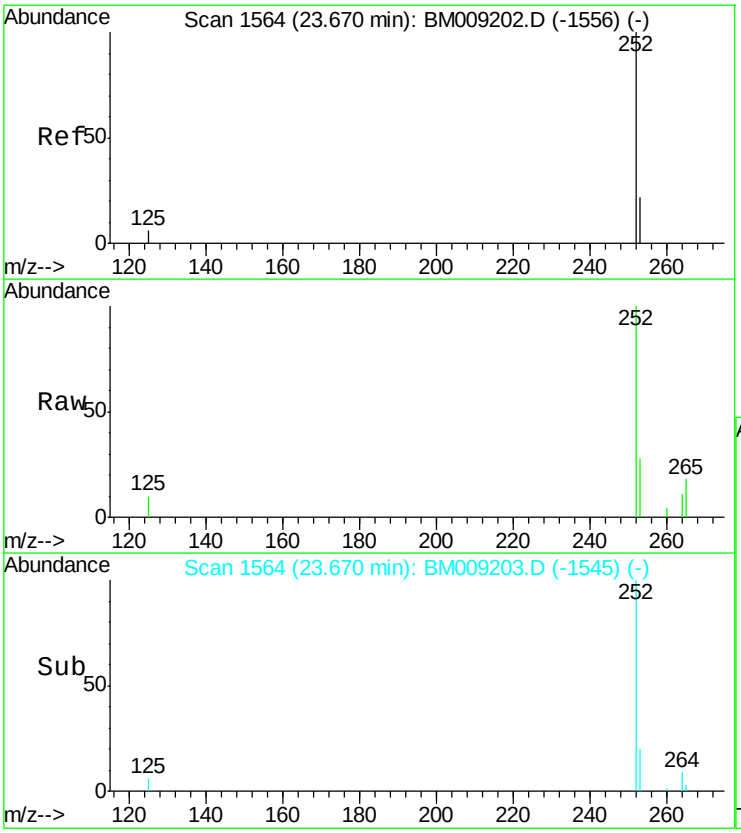
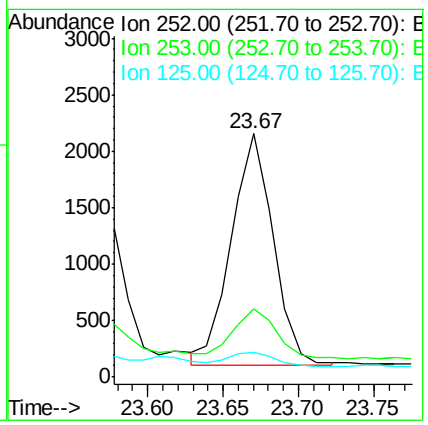


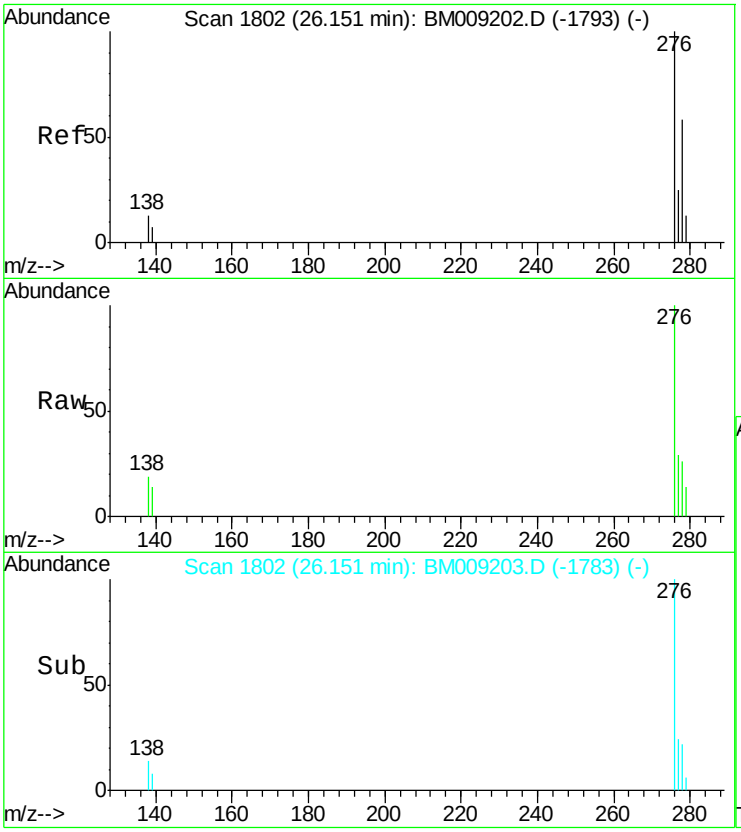


#23
Benzo(a)pyrene
Concen: 0.99 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Tgt Ion:252 Resp: 4013

Ion	Ratio	Lower	Upper
252	100		
253	28.2	28.5	42.7#
125	10.3	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.54 ng/ul m
RT: 26.15 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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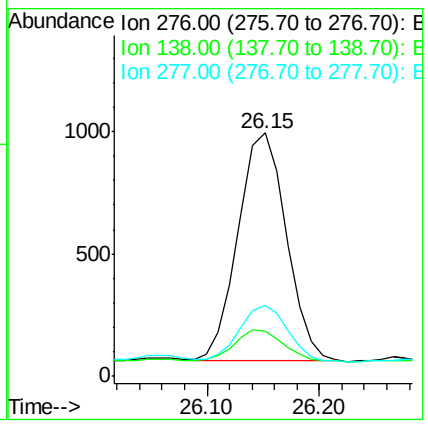
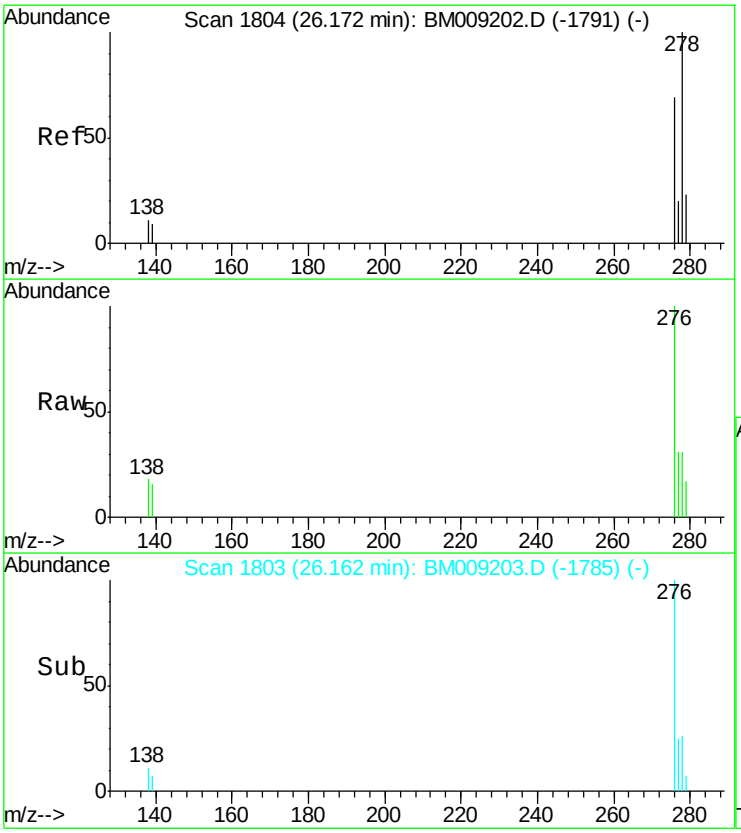
3/13/2017 5:13:17 PM

Tgt Ion:276 Resp: 2770

Ion	Ratio	Lower	Upper
276	100		
138	1.3	19.1	28.7#
277	0.9	19.6	29.4#

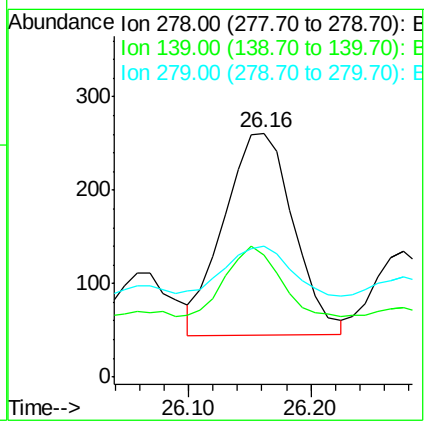


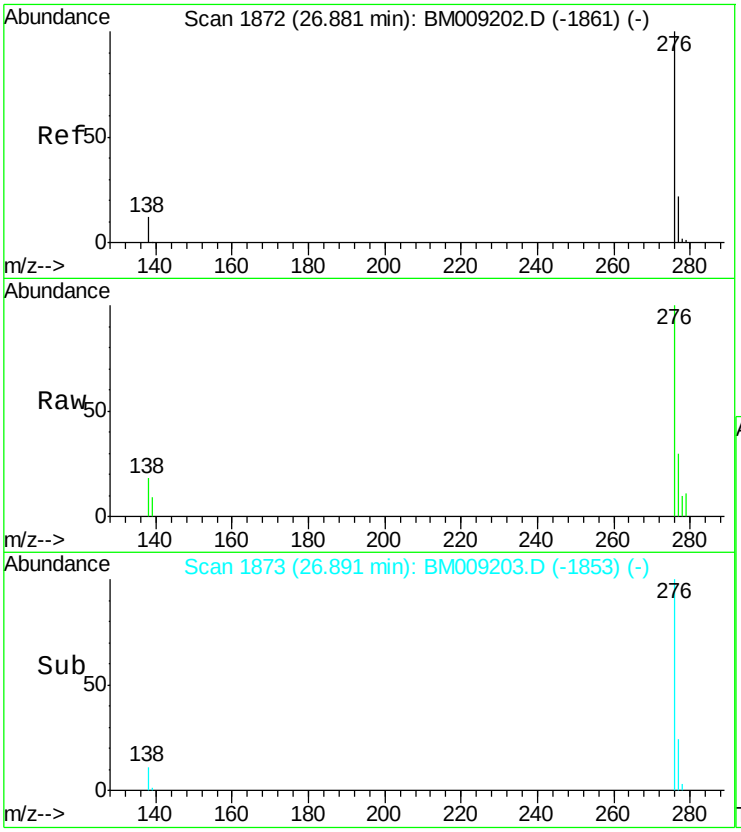


#25
Dibenzo(a,h)anthracene
Concen: 0.20 ng/ul m
RT: 26.16 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Tgt Ion:278 Resp: 859

Ion	Ratio	Lower	Upper
278	100		
139	50.2	17.4	26.0#
279	53.6	25.9	38.9#

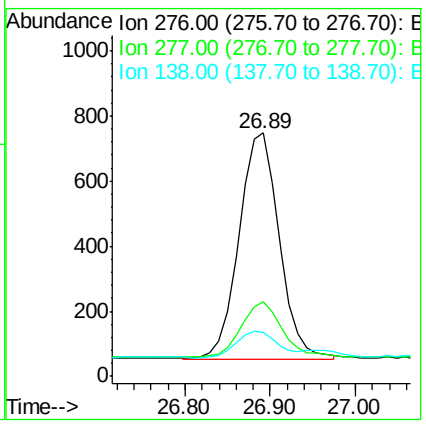




#26
Benzo(g,h,i)perylene
Concen: 0.52 ng/ul m
RT: 26.89 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BM009203.D
Acq: 11 Mar 2017 12:20

Tgt Ion:276 Resp: 2299

Ion	Ratio	Lower	Upper
276	100		
277	30.5	21.8	32.8
138	18.0	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
mohammad
3/13/2017 5:13:17 PM