Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031117\
Data File : BM009205.D
Acq On : 11 Mar 2017 13:31
Operator : SJ/MA
Sample : I2107-07DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ6DL

Manual Integrations APPROVED
mohammad
3/13/2017 5:13:22 PM

Quant Time: Mar 13 11:37:44 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	257	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	861	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	525	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1142	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1287	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1236	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	30	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	67	0.02	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	2057	0.83	ng/ul	99
5) 2-Methylnaphthalene	12.34	142	2085	1.17	ng/ul	99
7) Acenaphthylene	14.23	152	343	0.13	ng/ul#	54
8) Acenaphthene	14.57	153	95	0.05	ng/ul#	81
9) Fluorene	15.56	166	139	0.06	ng/ul#	56
12) Phenanthrene	17.30	178	2787	0.78	ng/ul	99
13) Anthracene	17.40	178	478m	0.13	ng/ul	
15) Fluoranthene	19.33	202	4751	1.02	ng/ul	93
17) Pyrene	19.69	202	4455	1.01	ng/ul	95
18) Benzo(a)anthracene	21.42	228	2733	0.64	ng/ul	95
19) Chrysene	21.47	228	3482	0.86	ng/ul	94
21) Benzo(b)fluoranthene	23.07	252	5957m	1.23	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	1399m	0.33	ng/ul	
23) Benzo(a)pyrene	23.67	252	2945	0.67	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.15	276	2433	0.44	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.16	278	612	0.13	ng/ul#	65
26) Benzo(g,h,i)perylene	26.88	276	2187	0.46	ng/ul#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031117\
Data File : BM009205.D
Acq On : 11 Mar 2017 13:31
Operator : SJ/MA
Sample : I2107-07DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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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 :
C0AJ6DL

Manual Integrations APPROVED
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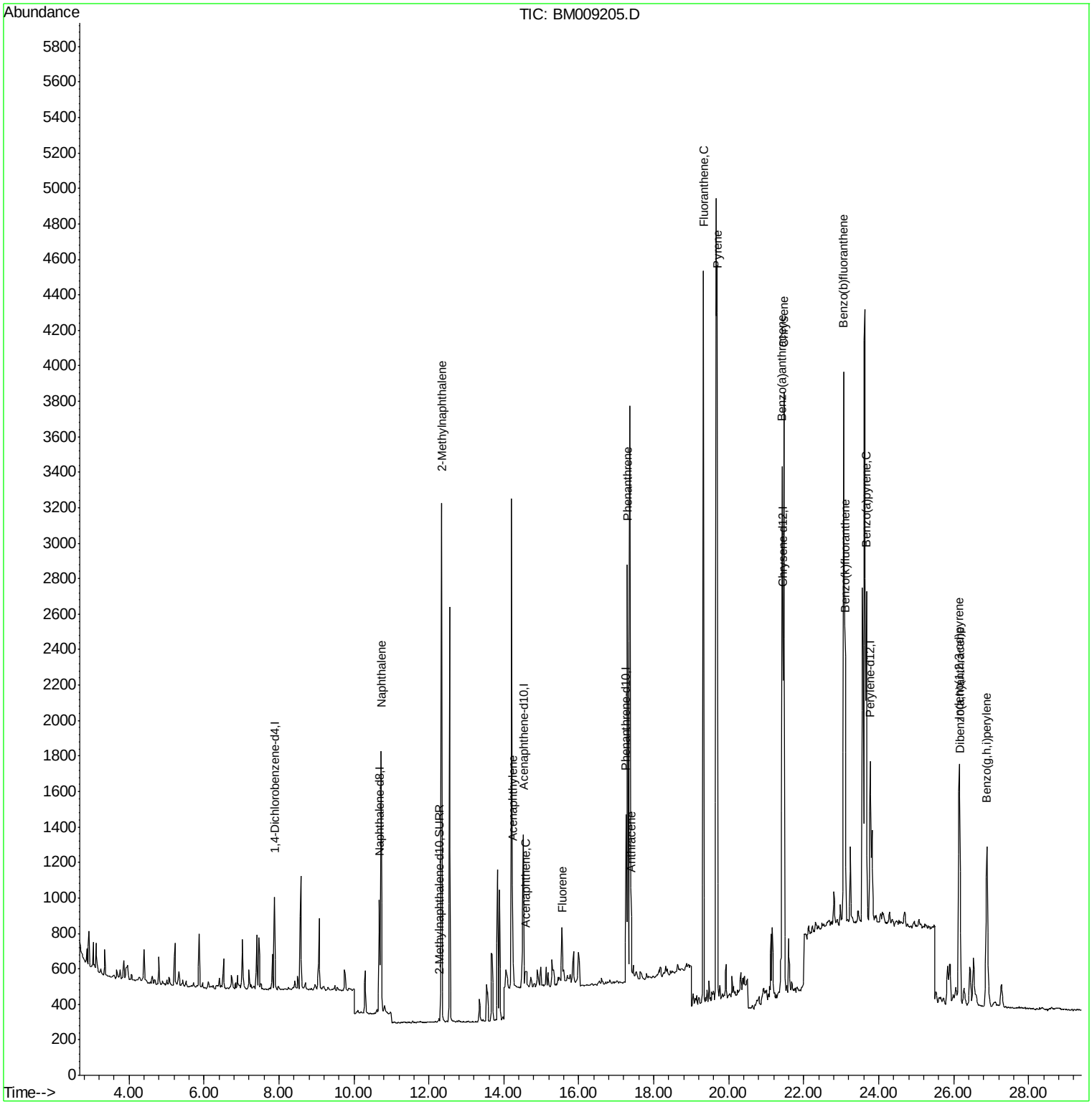
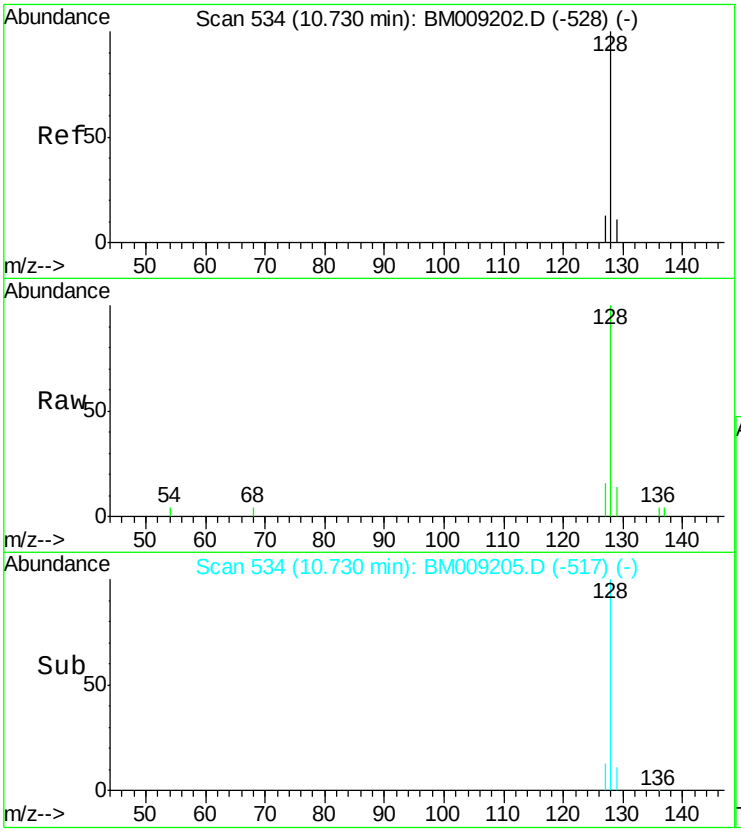
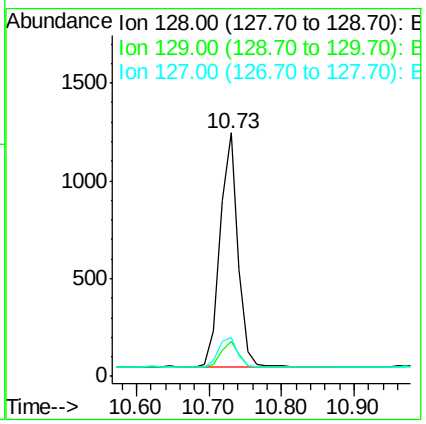




#3
Naphthalene
Concen: 0.83 ng/ul
RT: 10.73 min Scan# 534
Delta R.T. -0.00 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:128 Resp: 2057

Ion	Ratio	Lower	Upper
128	100		
129	14.4	11.3	16.9
127	16.2	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
C0AJ6DL

Manual Integrations APPROVED
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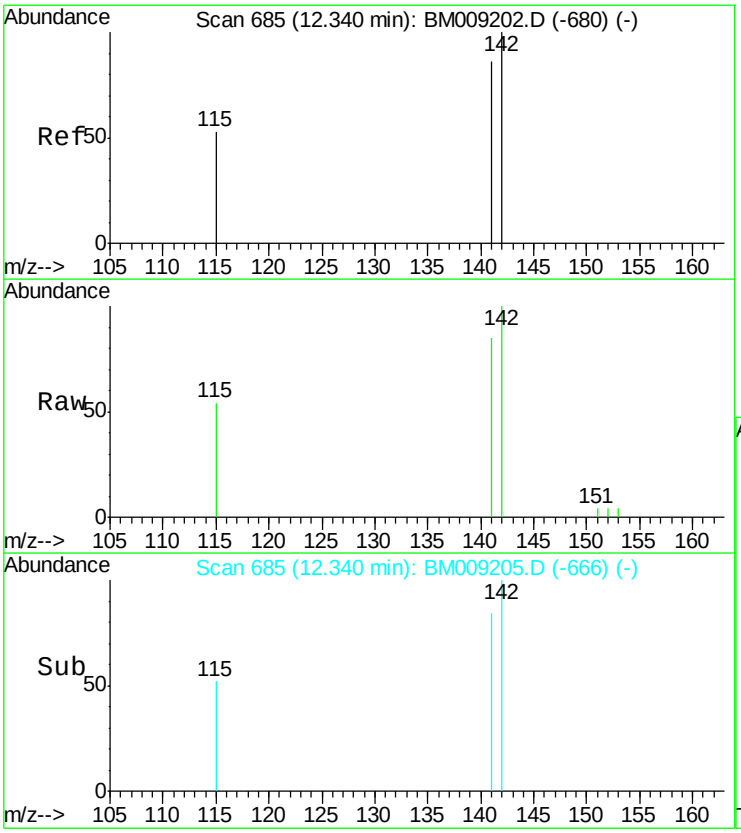
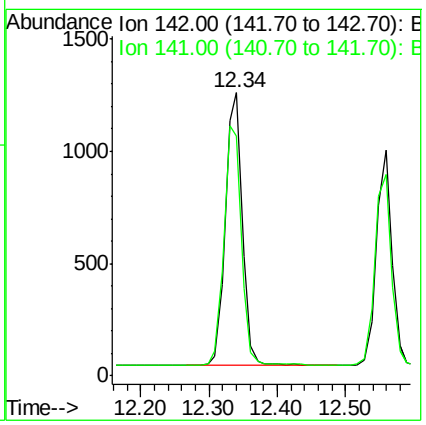
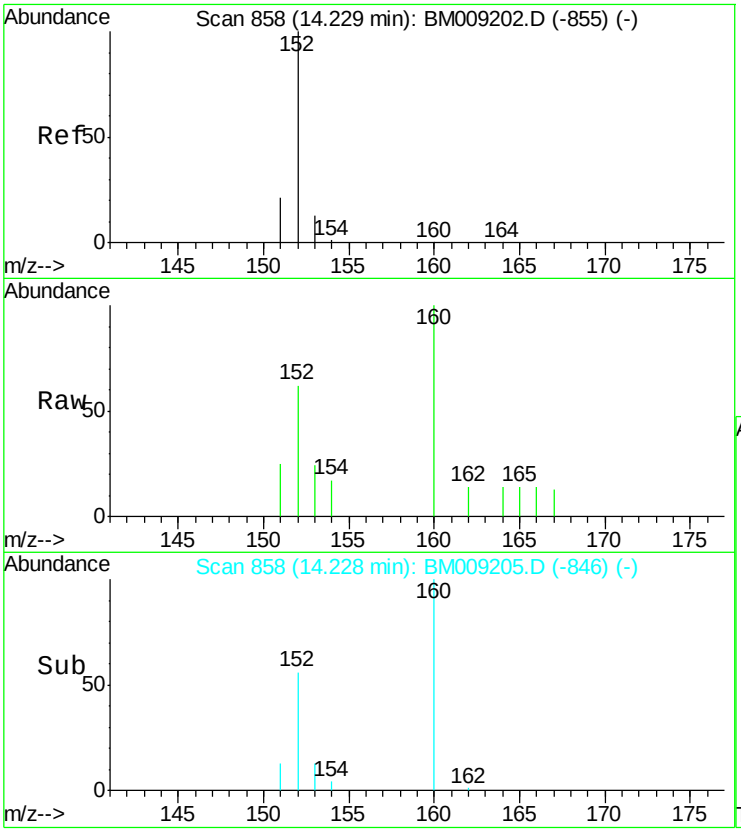


#5
2-Methylnaphthalene
Concen: 1.17 ng/ul
RT: 12.34 min Scan# 685
Delta R.T. -0.00 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:142 Resp: 2085

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.6	108.8





#7
Acenaphthylene
Concen: 0.13 ng/ul
RT: 14.23 min Scan# 858
Delta R.T. -0.00 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:152 Resp: 343

Ion	Ratio	Lower	Upper
152	100		
151	40.2	17.1	25.7#
153	38.8	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
C0AJ6DL

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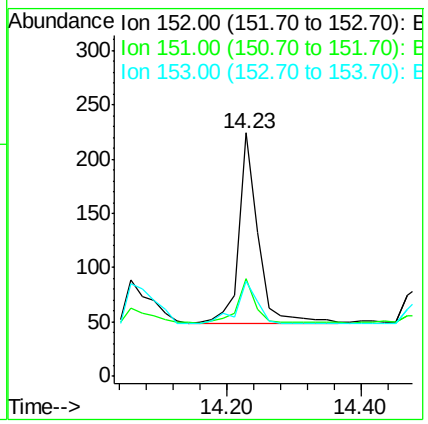
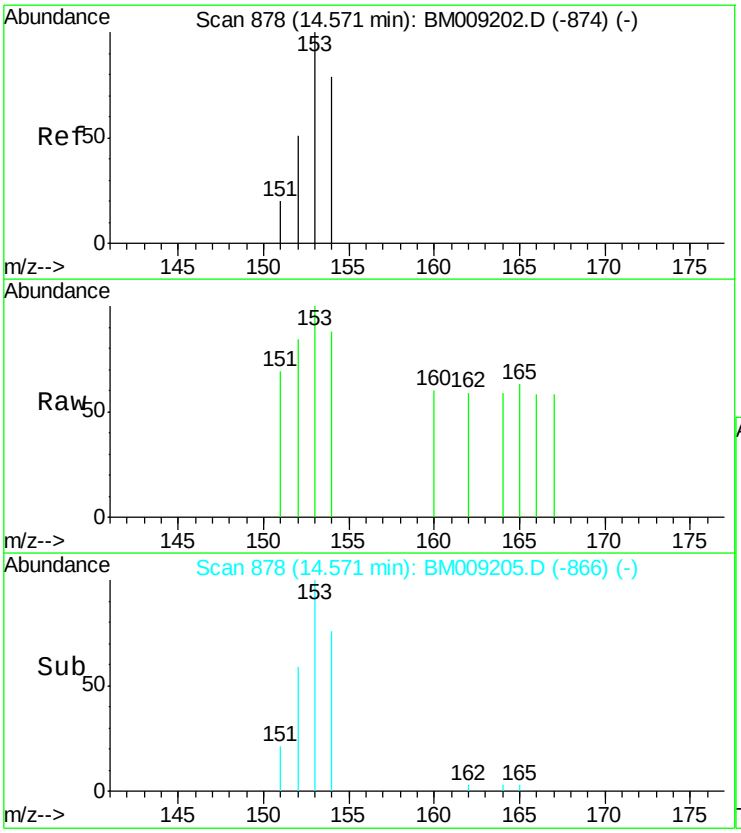
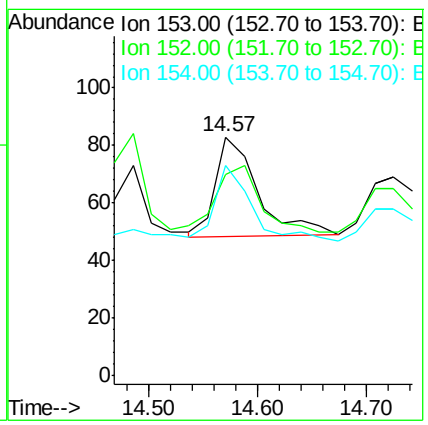


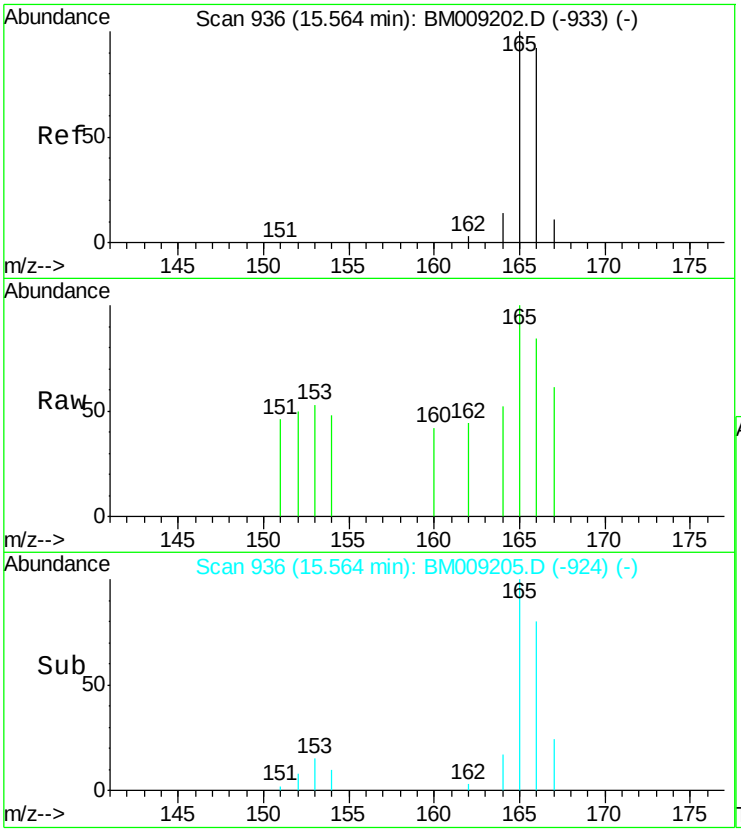


#8
Acenaphthene
Concen: 0.05 ng/ul
RT: 14.57 min Scan# 878
Delta R.T. -0.00 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:153 Resp: 95

Ion	Ratio	Lower	Upper
153	100		
152	84.3	40.3	60.5#
154	88.0	71.4	107.2

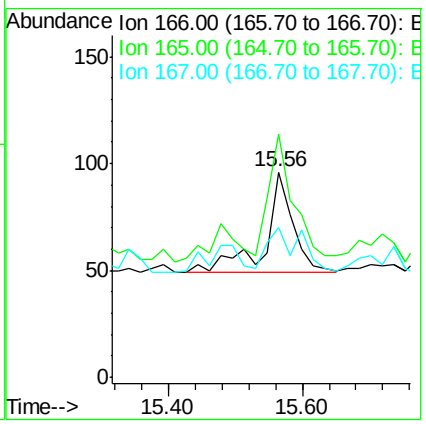




#9
Fluorene
Concen: 0.06 ng/ul
RT: 15.56 min Scan# 936
Delta R.T. -0.00 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:166 Resp: 139

Ion	Ratio	Lower	Upper
166	100		
165	118.8	73.4	110.2#
167	72.9	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
C0AJ6DL

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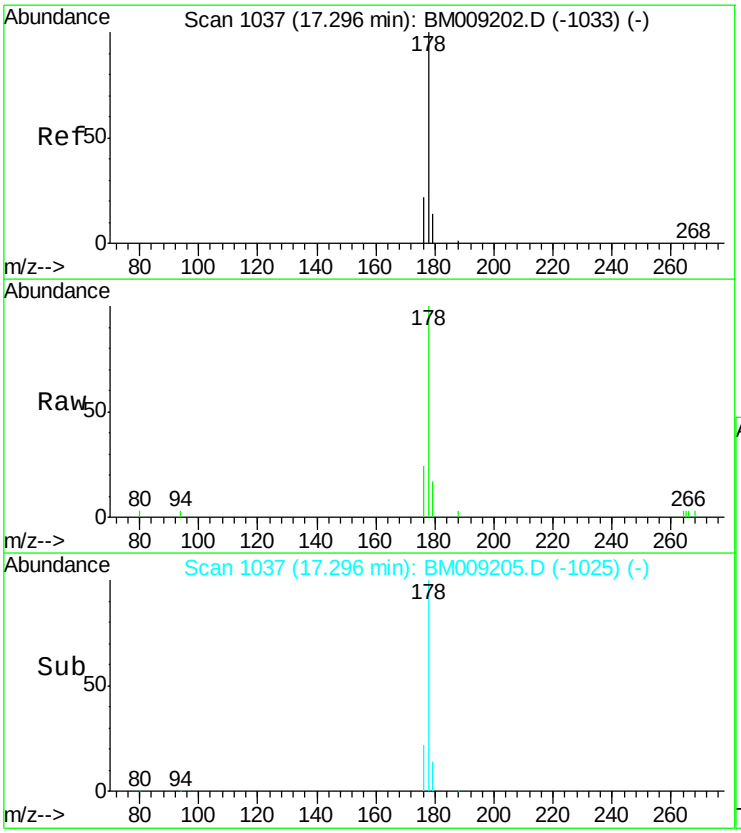
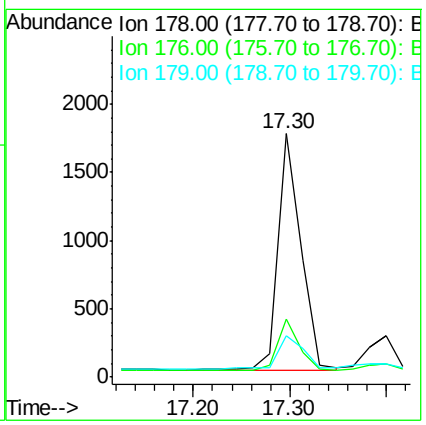
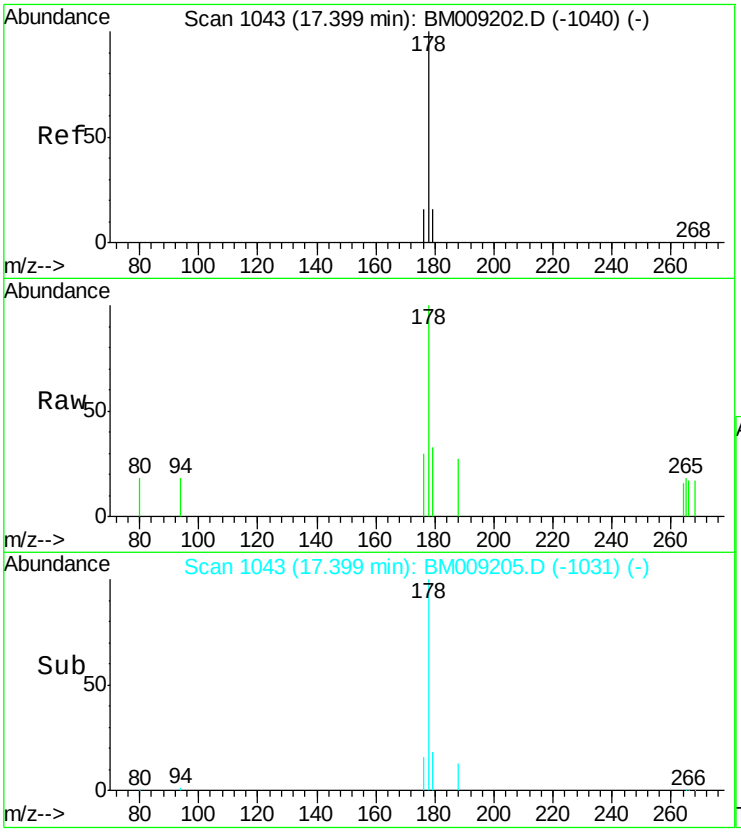


#12
Phenanthrene
Concen: 0.78 ng/ul
RT: 17.30 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:178 Resp: 2787

Ion	Ratio	Lower	Upper
178	100		
176	23.8	18.4	27.6
179	16.8	13.6	20.4





#13
Anthracene
Concen: 0.13 ng/ul m
RT: 17.40 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:178 Resp: 478

Ion	Ratio	Lower	Upper
178	100		
176	30.4	18.1	27.1#
179	33.0	14.7	22.1#

Instrument :
BNA_M
ClientSampleId :
C0AJ6DL

Manual Integrations APPROVED
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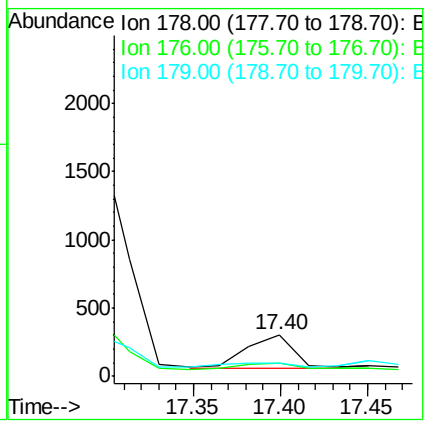
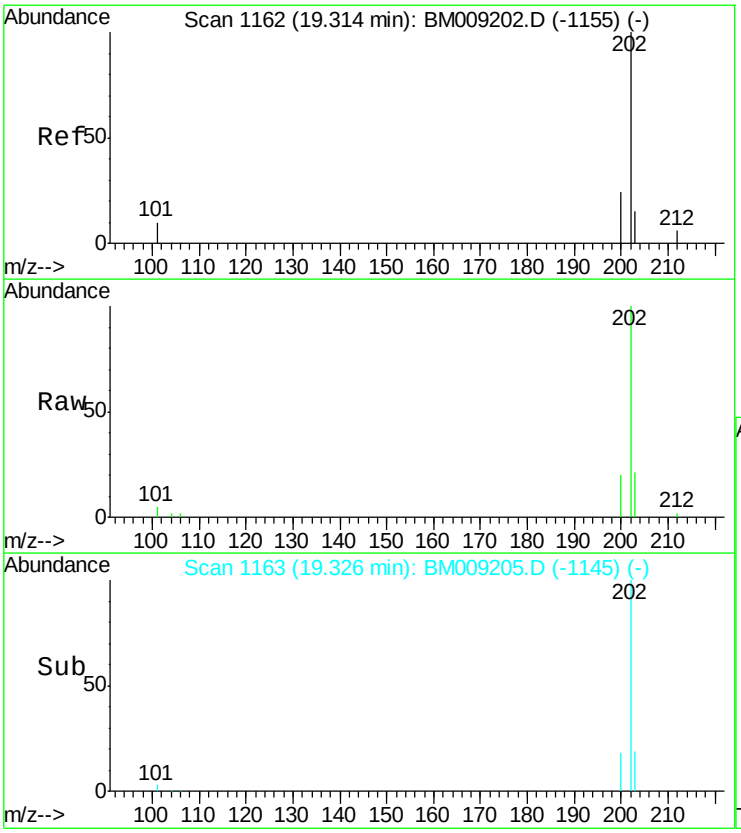
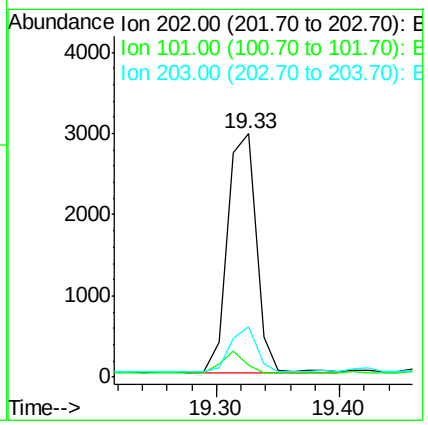


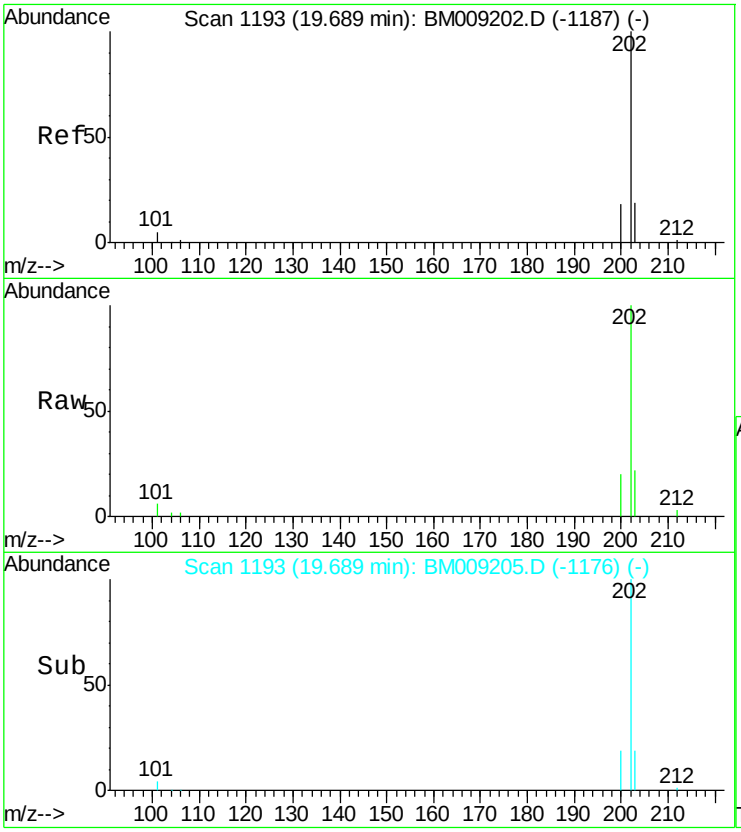


#15
Fluoranthene
Concen: 1.02 ng/ul
RT: 19.33 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:202 Resp: 4751

Ion	Ratio	Lower	Upper
202	100		
101	4.9	0.0	30.3
203	20.9	0.0	39.5

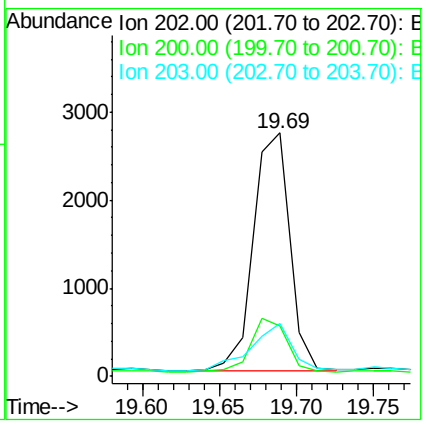




#17
Pyrene
Concen: 1.01 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:202 Resp: 4455

Ion	Ratio	Lower	Upper
202	100		
200	20.4	18.2	27.4
203	21.6	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
C0AJ6DL

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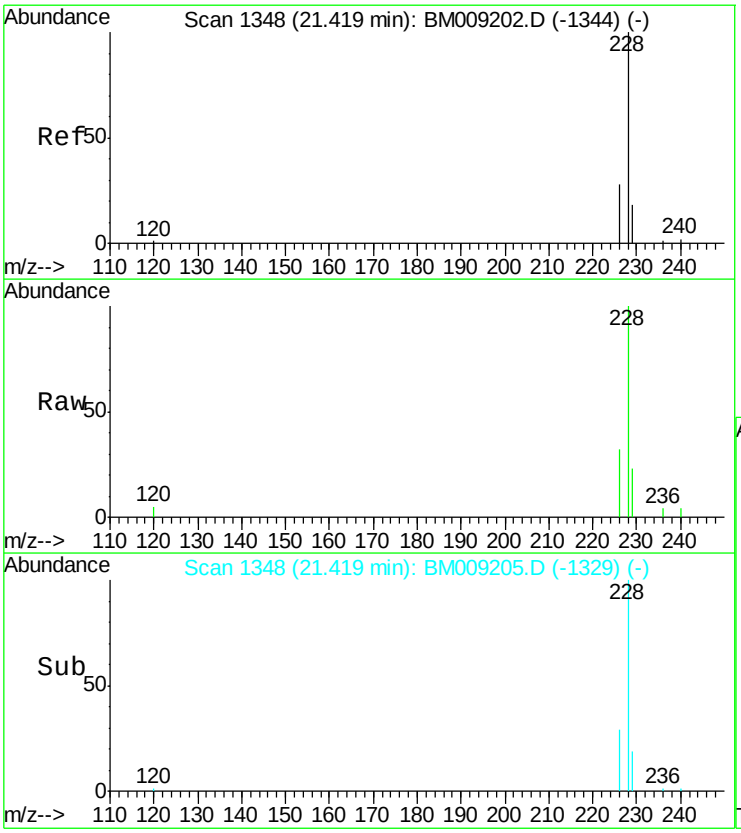
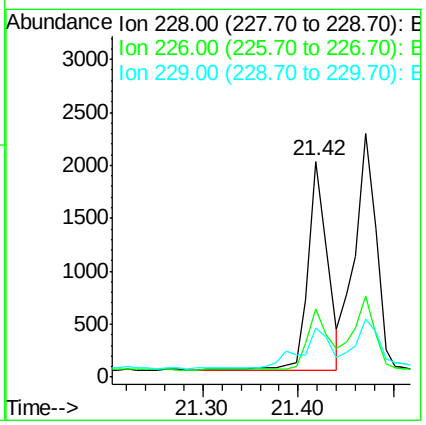
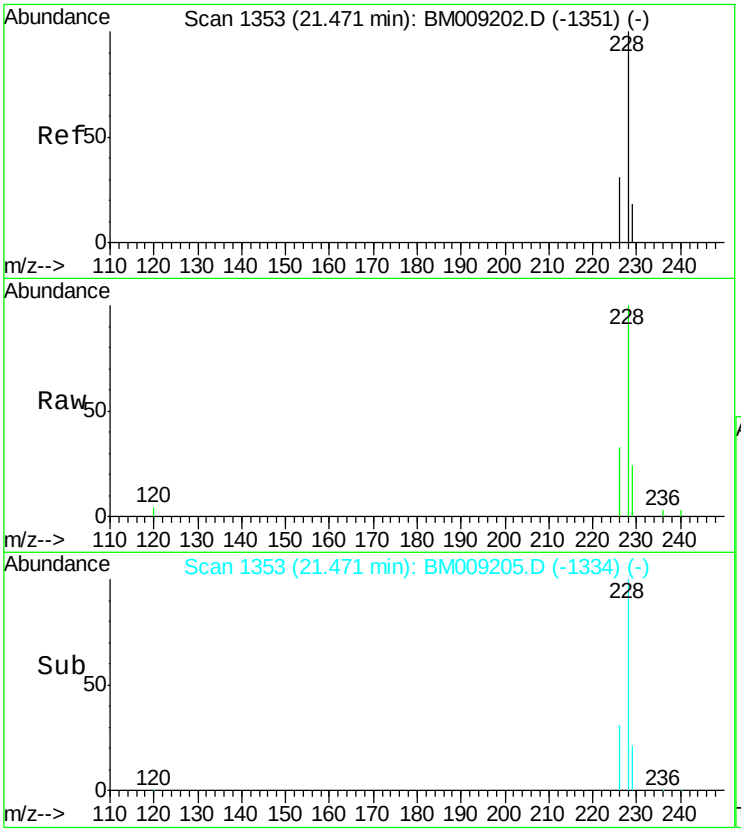


#18
Benzo(a)anthracene
Concen: 0.64 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:228 Resp: 2733

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.8	34.2
229	22.8	17.0	25.6

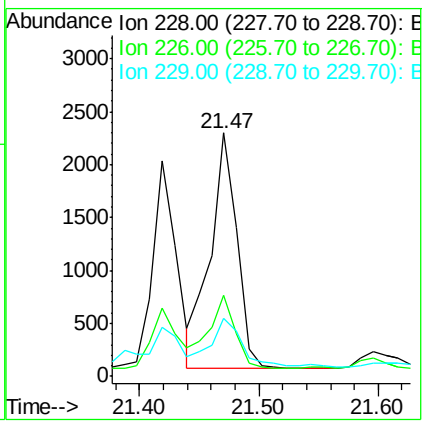




#19
Chrysene
Concen: 0.86 ng/ul
RT: 21.47 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:228 Resp: 3482

Ion	Ratio	Lower	Upper
228	100		
226	33.3	23.4	35.0
229	24.0	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
C0AJ6DL

Manual Integrations APPROVED
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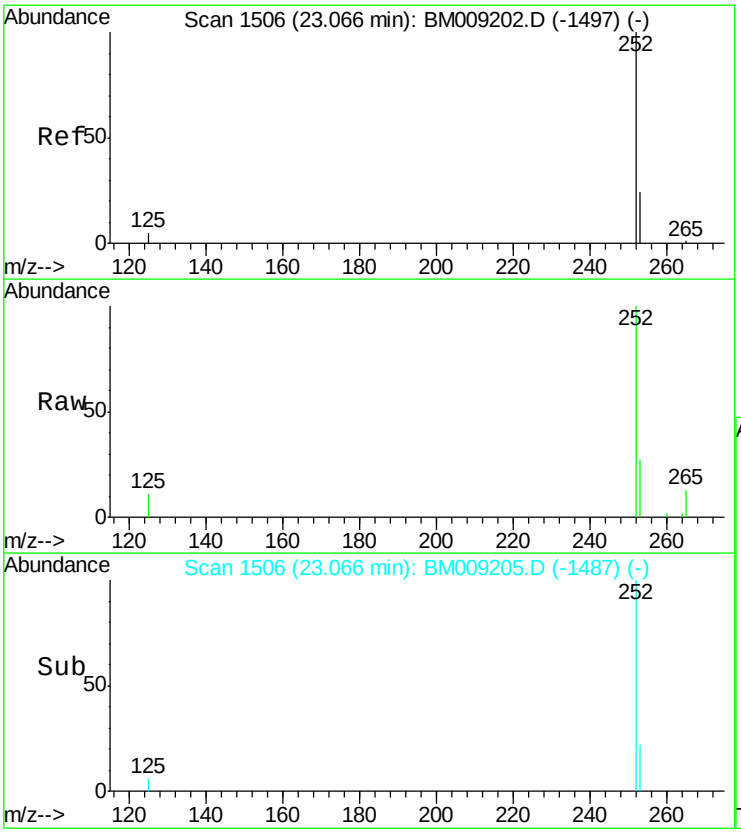
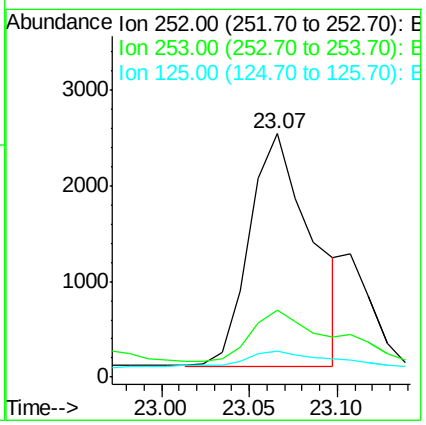
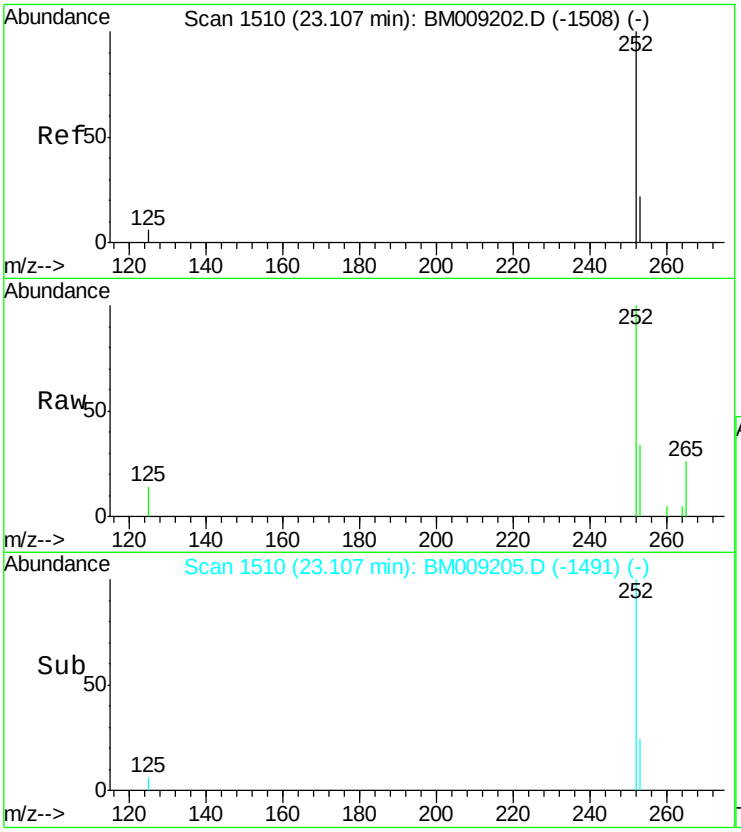


#21
Benzo(b)fluoranthene
Concen: 1.23 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:252 Resp: 5957

Ion	Ratio	Lower	Upper
252	100		
253	27.4	0.0	64.2
125	10.5	0.0	35.0

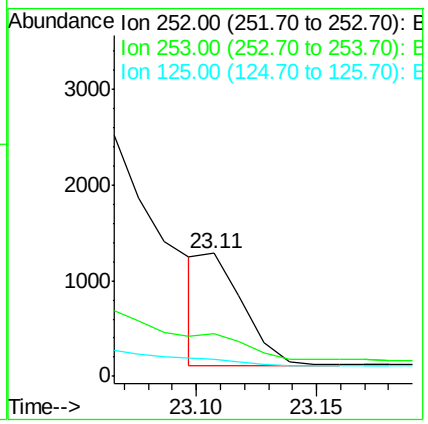




#22
Benzo(k)fluoranthene
Concen: 0.33 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:252 Resp: 1399

Ion	Ratio	Lower	Upper
252	100		
253	34.2	24.5	36.7
125	14.0	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
C0AJ6DL

Manual Integrations APPROVED
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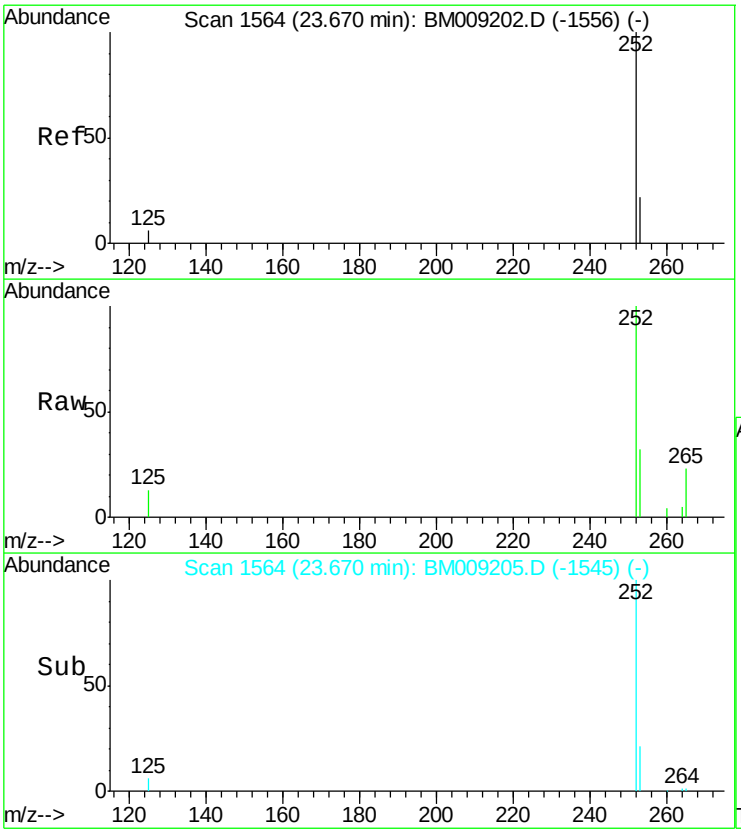
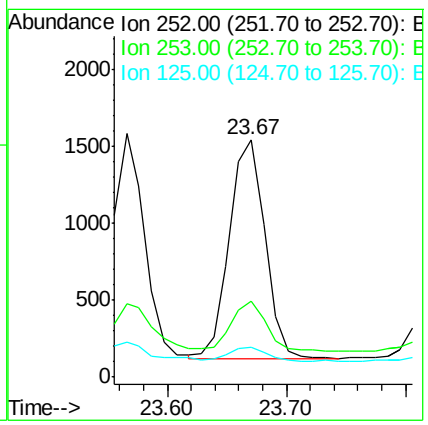
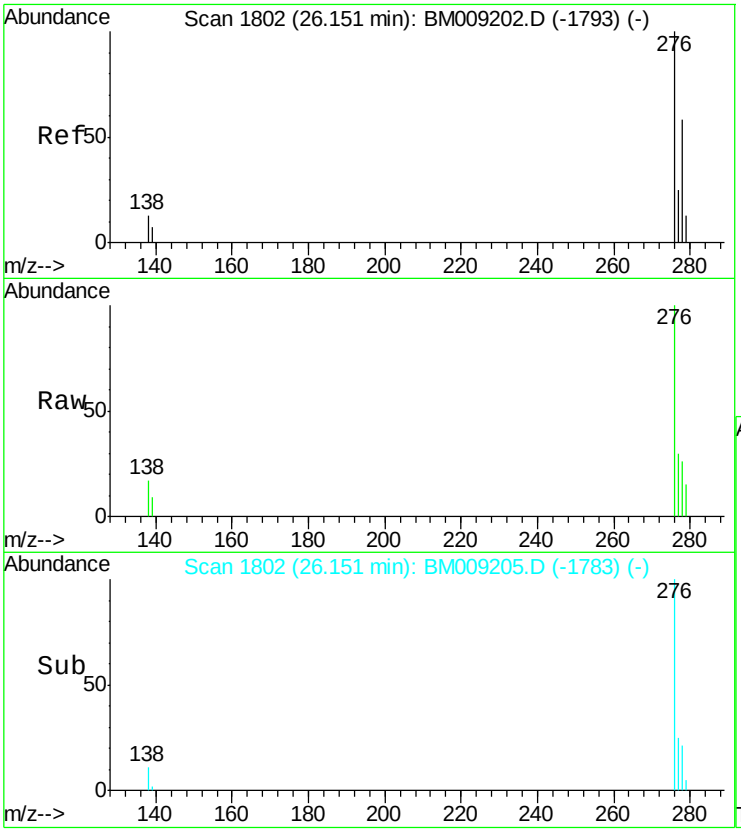


#23
Benzo(a)pyrene
Concen: 0.67 ng/ul
RT: 23.67 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:252 Resp: 2945

Ion	Ratio	Lower	Upper
252	100		
253	31.7	28.5	42.7
125	12.8	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.44 ng/ul
RT: 26.15 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:276 Resp: 2433

Ion	Ratio	Lower	Upper
276	100		
138	12.1	19.1	28.7#
277	24.6	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
C0AJ6DL

Manual Integrations APPROVED
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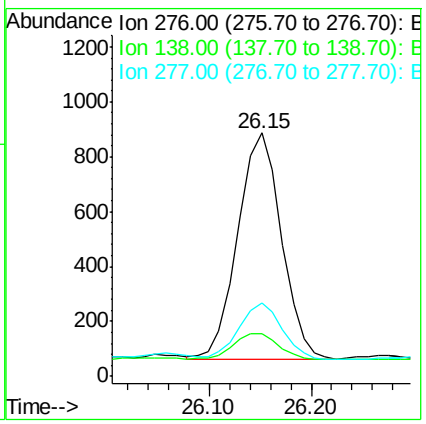
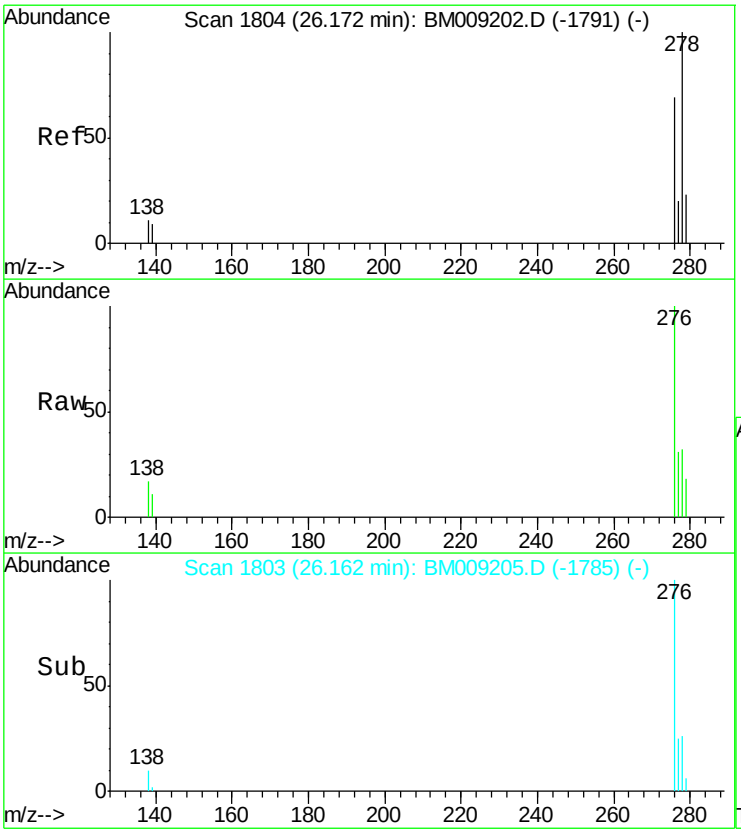
3/13/2017 5:13:22 PM

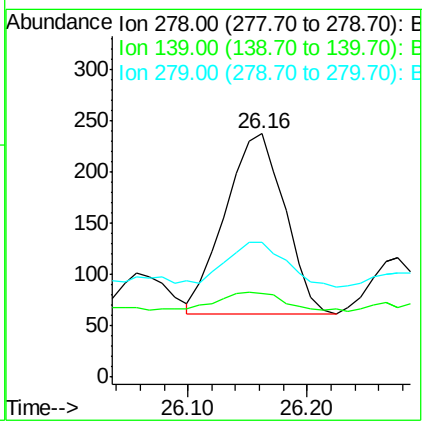


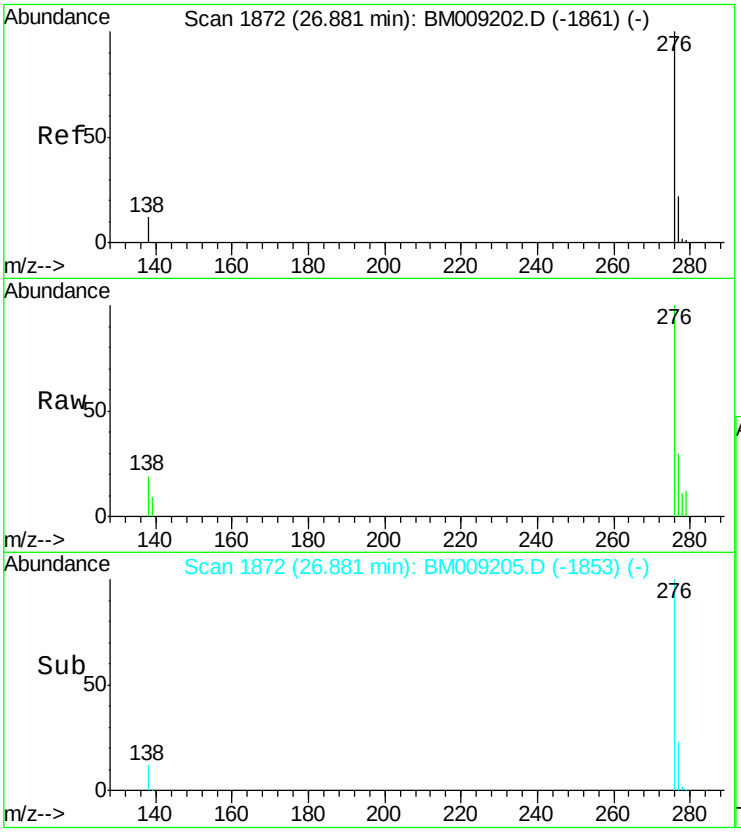


#25
Dibenzo(a,h)anthracene
Concen: 0.13 ng/ul
RT: 26.16 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:278 Resp: 612

Ion	Ratio	Lower	Upper
278	100		
139	34.2	17.4	26.0#
279	55.7	25.9	38.9#

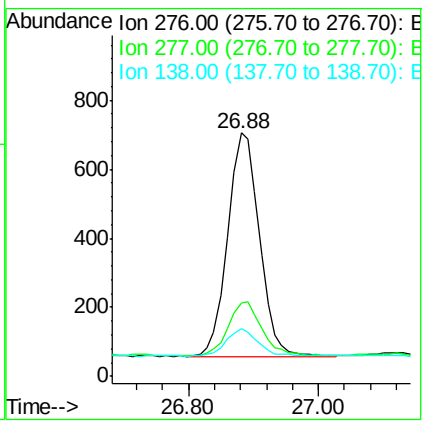




#26
Benzo(g,h,i)perylene
Concen: 0.46 ng/ul
RT: 26.88 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BM009205.D
Acq: 11 Mar 2017 13:31

Tgt Ion:276 Resp: 2187

Ion	Ratio	Lower	Upper
276	100		
277	30.0	21.8	32.8
138	19.4	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
C0AJ6DL

Manual Integrations APPROVED
mohammad
3/13/2017 5:13:22 PM