Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
Data File : BM009174.D
Acq On : 10 Mar 2017 13:58
Operator : SJ/MA
Sample : I2062-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK8

Manual Integrations APPROVED
mohammad
3/13/2017 2:13:28 PM

Quant Time: Mar 10 16:54:13 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 15:19:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	264	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	830	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	491	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1098m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1194	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1028m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	277	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	769	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	1315	0.55	ng/ul	96
5) 2-Methylnaphthalene	12.34	142	1256	0.73	ng/ul	100
7) Acenaphthylene	14.23	152	253	0.10	ng/ul#	41
8) Acenaphthene	14.57	153	70	0.04	ng/ul#	79
12) Phenanthrene	17.30	178	2444	0.71	ng/ul	98
13) Anthracene	17.40	178	262	0.08	ng/ul#	63
15) Fluoranthene	19.33	202	5804	1.29	ng/ul	94
17) Pyrene	19.69	202	5036	1.23	ng/ul	95
18) Benzo(a)anthracene	21.42	228	2557	0.64	ng/ul	94
19) Chrysene	21.47	228	3600m	0.96	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	5627m	1.39	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	1394m	0.39	ng/ul	
23) Benzo(a)pyrene	23.67	252	3276m	0.90	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	2449m	0.53	ng/ul	
25) Dibenzo(a,h)anthracene	26.16	278	640m	0.16	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	2278m	0.58	ng/ul	

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

Quantitation Report (QT Reviewed)

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QLast Update : Fri Mar 10 15:19:24 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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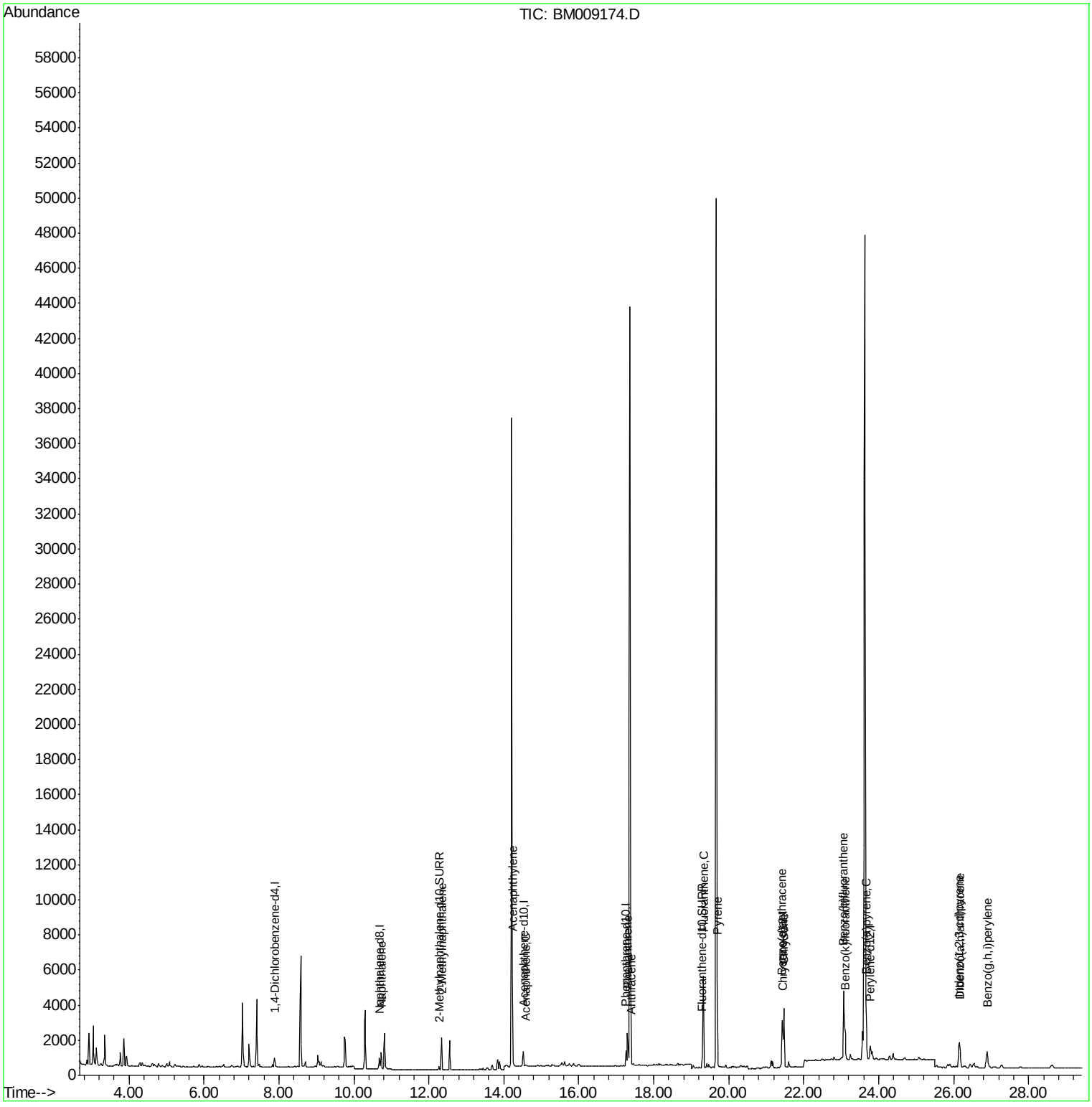
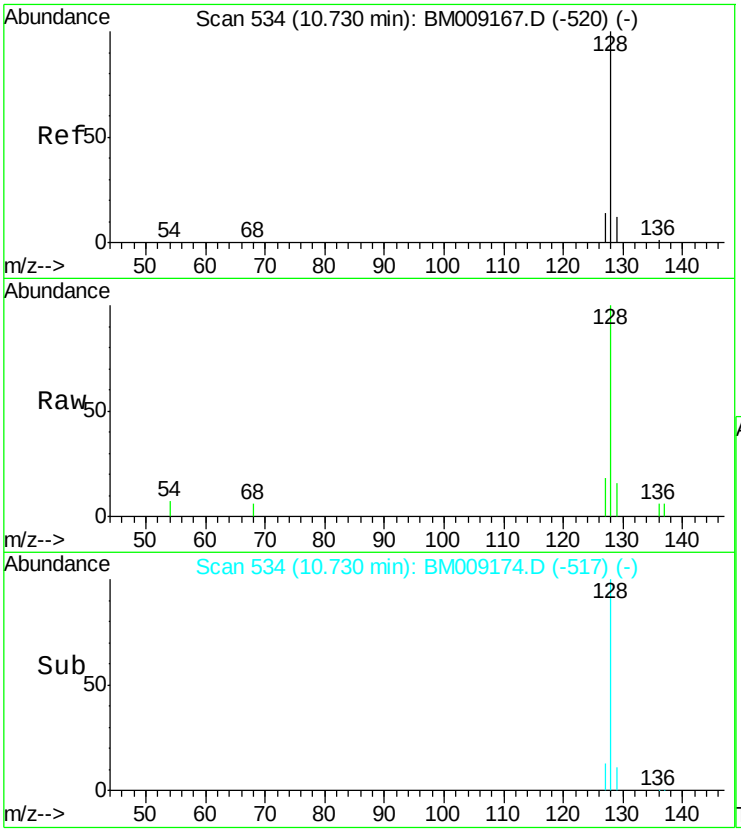
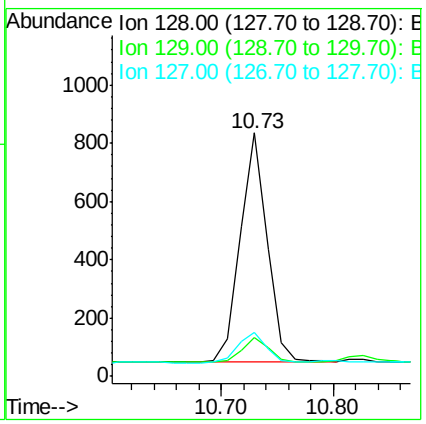




#3
Naphthalene
Concen: 0.55 ng/ul
RT: 10.73 min Scan# 534
Delta R.T. 0.00 min
Lab File: BM009174.D
Acq: 10 Mar 2017 13:58

Tgt Ion:128 Resp: 1315

Ion	Ratio	Lower	Upper
128	100		
129	16.0	11.3	16.9
127	17.8	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
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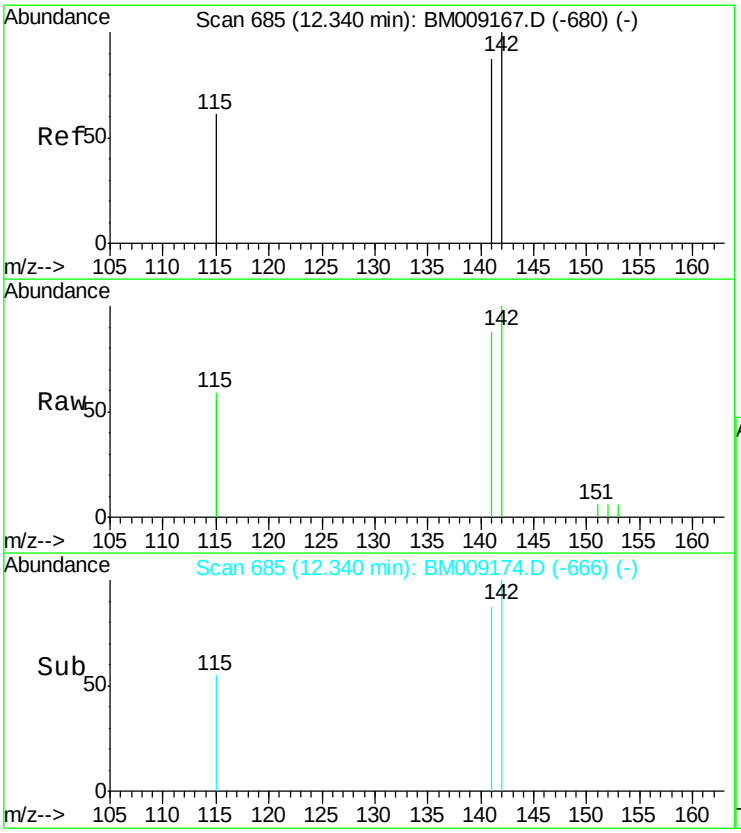
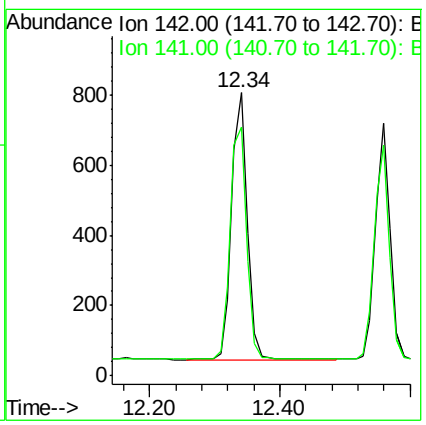
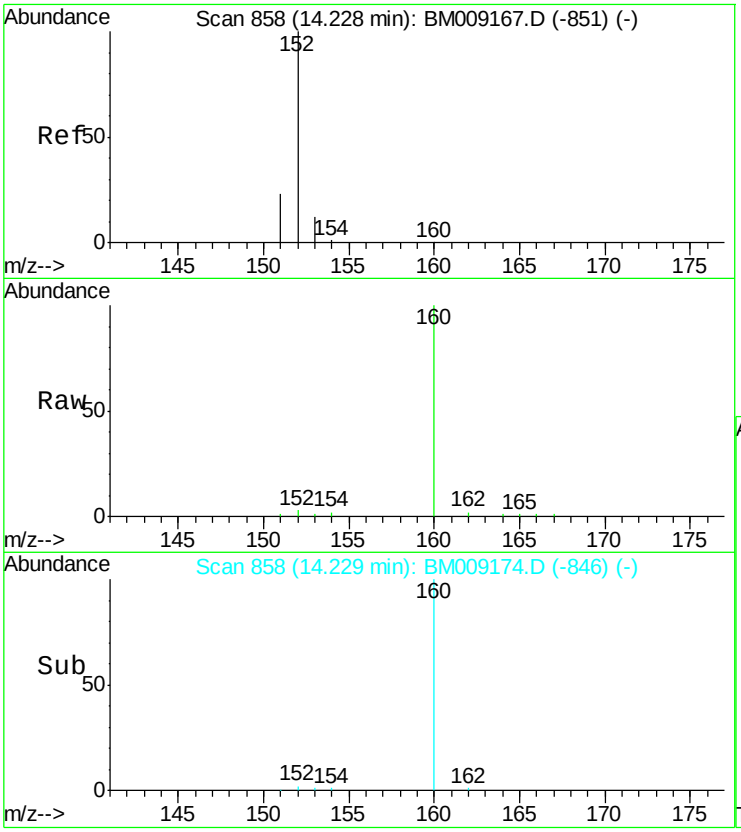


#5
2-Methylnaphthalene
Concen: 0.73 ng/ul
RT: 12.34 min Scan# 685
Delta R.T. 0.00 min
Lab File: BM009174.D
Acq: 10 Mar 2017 13:58

Tgt Ion:142 Resp: 1256

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.6	108.8





#7
Acenaphthylene
Concen: 0.10 ng/ul
RT: 14.23 min Scan# 858
Delta R.T. 0.00 min
Lab File: BM009174.D
Acq: 10 Mar 2017 13:58

Tgt Ion:152 Resp: 253

Ion	Ratio	Lower	Upper
152	100		
151	45.5	17.1	25.7#
153	45.5	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
C0AK8

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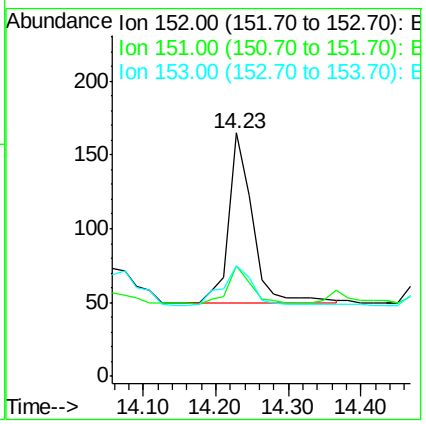
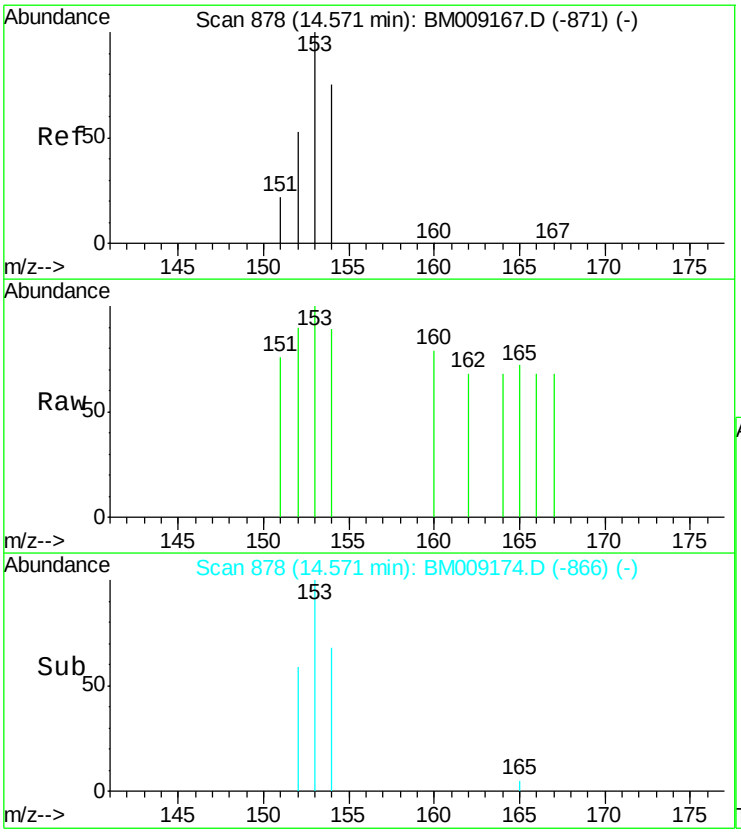
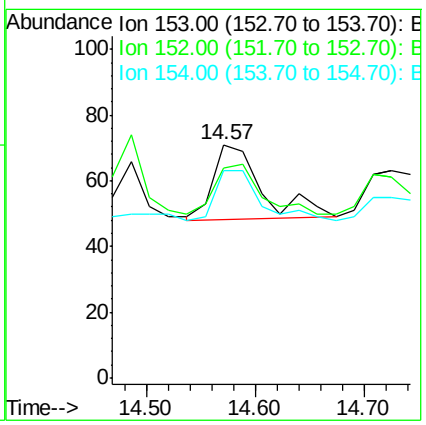


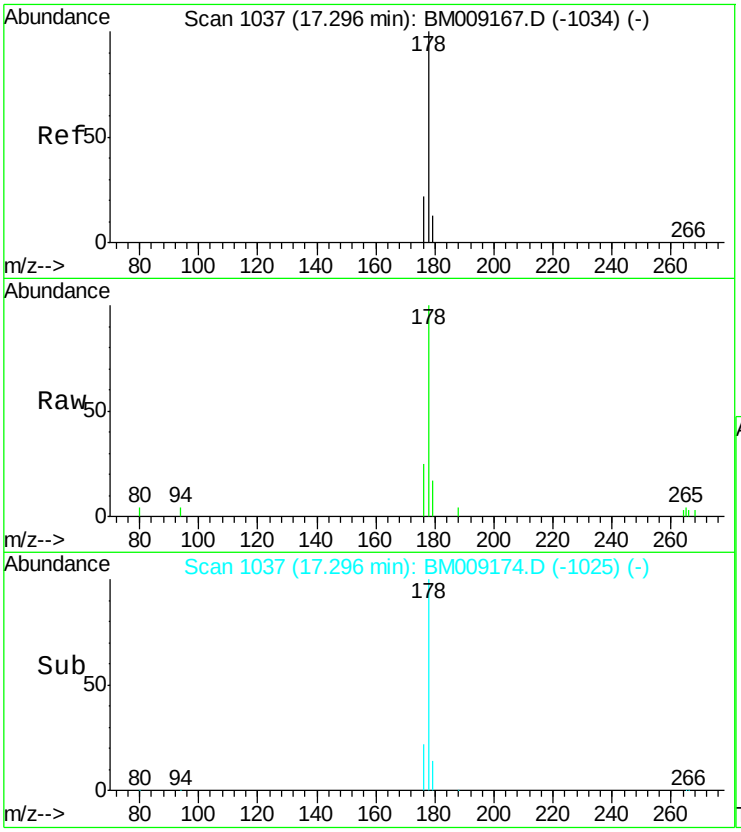


#8
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.57 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM009174.D
Acq: 10 Mar 2017 13:58

Tgt Ion:153 Resp: 70

Ion	Ratio	Lower	Upper
153	100		
152	90.1	40.3	60.5#
154	88.7	71.4	107.2





#12
Phenanthrene
Concen: 0.71 ng/ul
RT: 17.30 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BM009174.D
Acq: 10 Mar 2017 13:58

Tgt Ion:178 Resp: 2444

Ion	Ratio	Lower	Upper
178	100		
176	24.7	18.4	27.6
179	17.2	13.6	20.4

Instrument :
BNA_M
ClientSampleId :
C0AK8

Manual Integrations APPROVED
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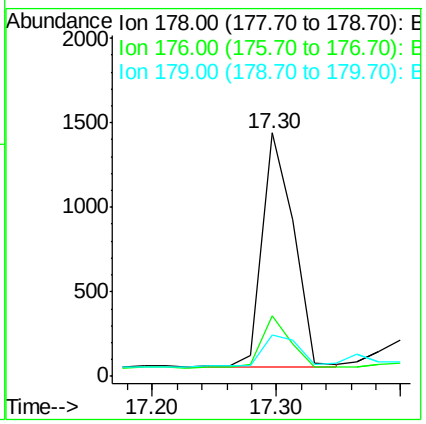
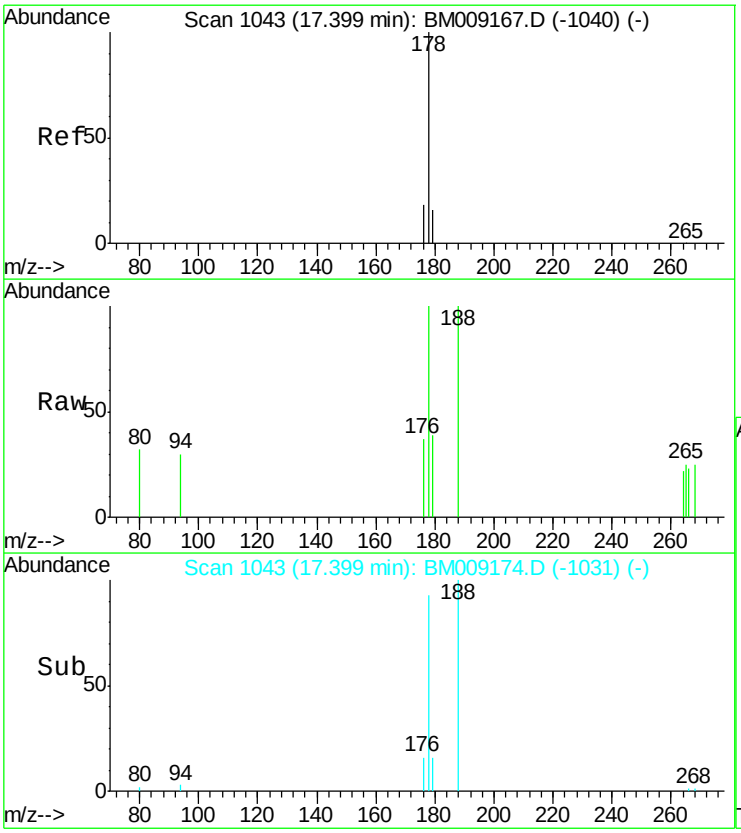
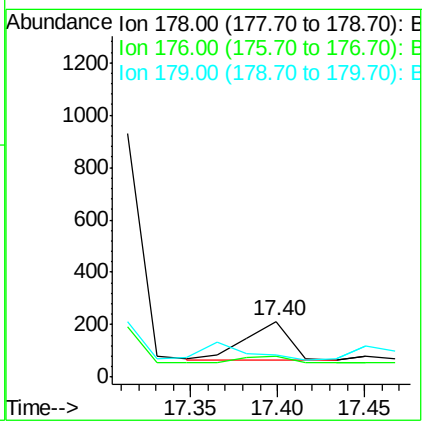


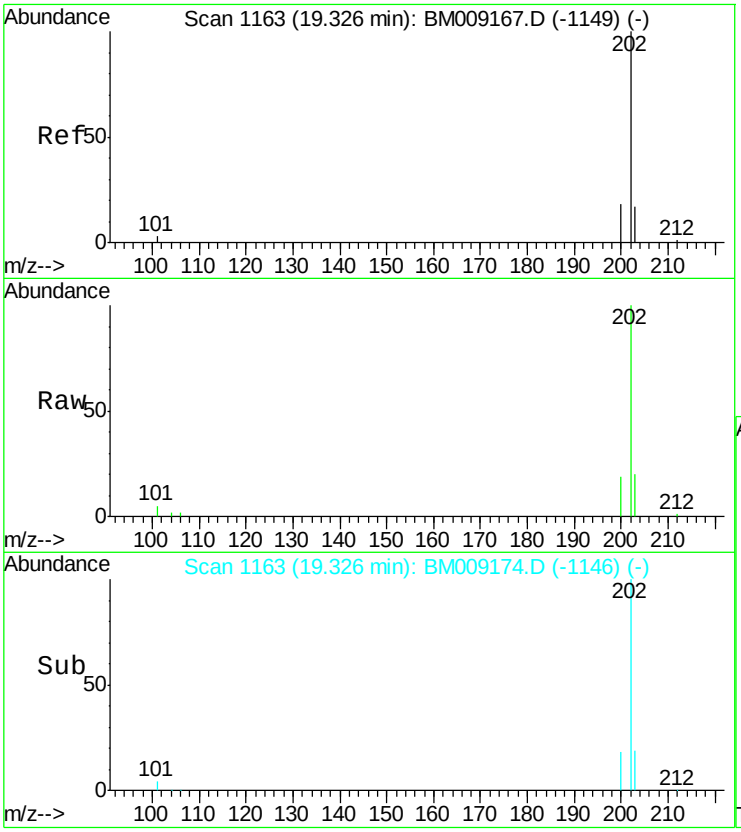


#13
Anthracene
Concen: 0.08 ng/ul
RT: 17.40 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BM009174.D
Acq: 10 Mar 2017 13:58

Tgt Ion:178 Resp: 262

Ion	Ratio	Lower	Upper
178	100		
176	36.8	18.1	27.1#
179	39.2	14.7	22.1#





#15
Fluoranthene
Concen: 1.29 ng/ul
RT: 19.33 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM009174.D
Acq: 10 Mar 2017 13:58

Instrument :
BNA_M
ClientSampleId :
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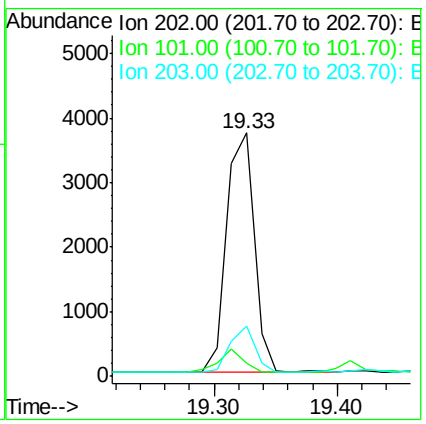
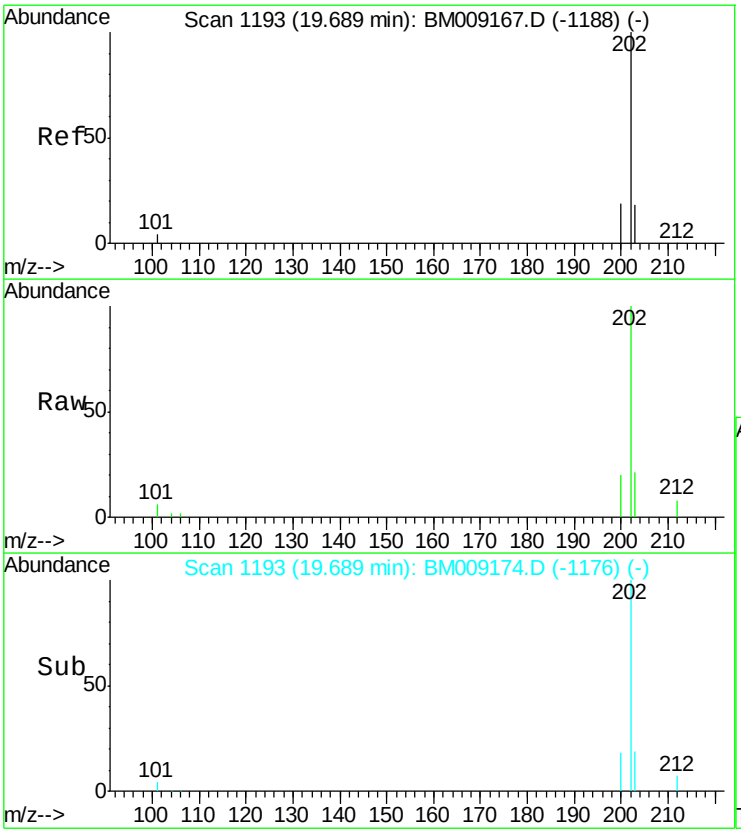
Tgt Ion:202 Resp: 5804

Ion	Ratio	Lower	Upper
202	100		
101	5.3	0.0	30.3
203	20.5	0.0	39.5

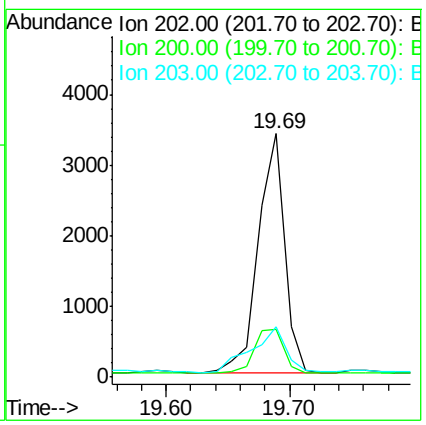


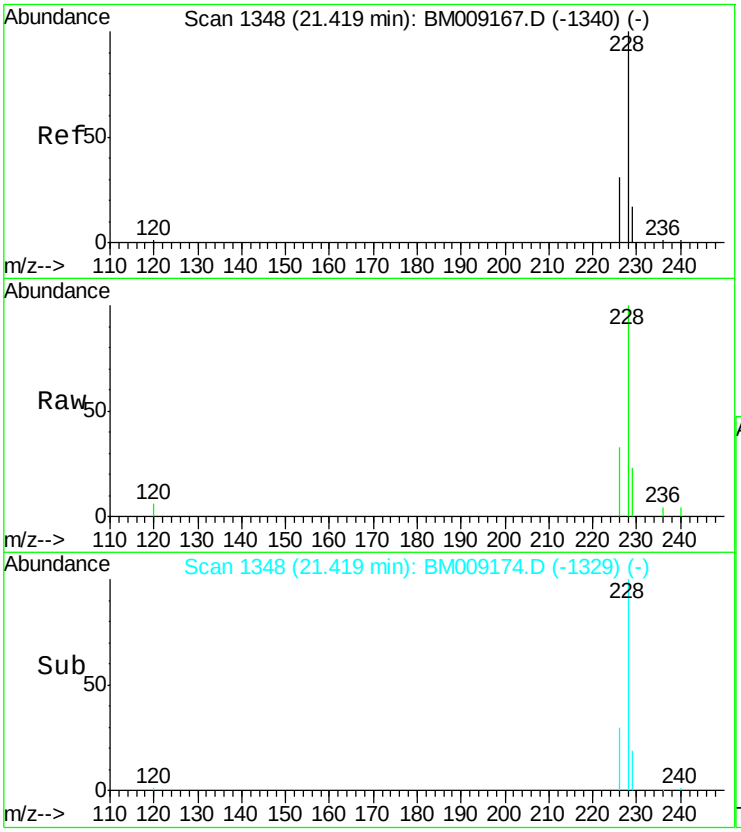


#17
Pyrene
Concen: 1.23 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM009174.D
Acq: 10 Mar 2017 13:58

Tgt Ion:202 Resp: 5036

Ion	Ratio	Lower	Upper
202	100		
200	19.7	18.2	27.4
203	20.8	15.6	23.4

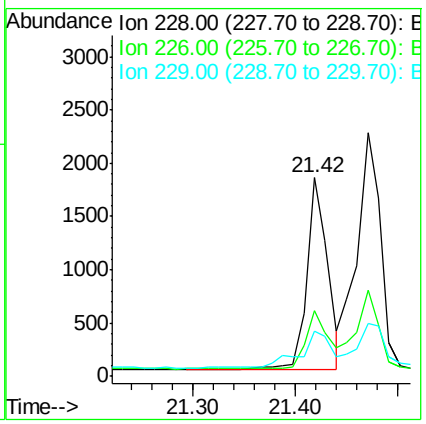




#18
Benzo(a)anthracene
Concen: 0.64 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM009174.D
Acq: 10 Mar 2017 13:58

Tgt Ion:228 Resp: 2557

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.8	34.2
229	22.9	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
C0AK8

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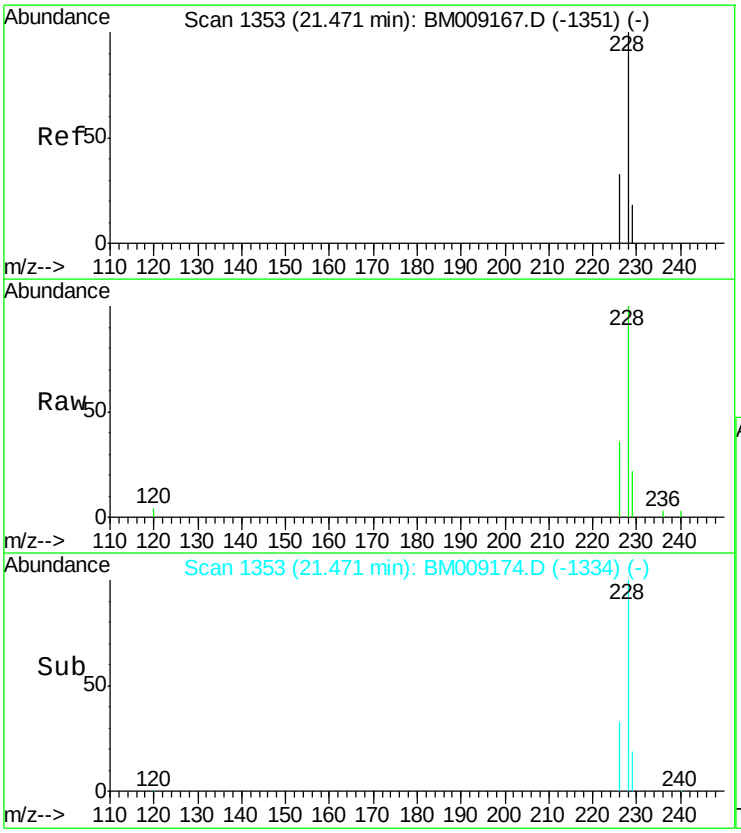
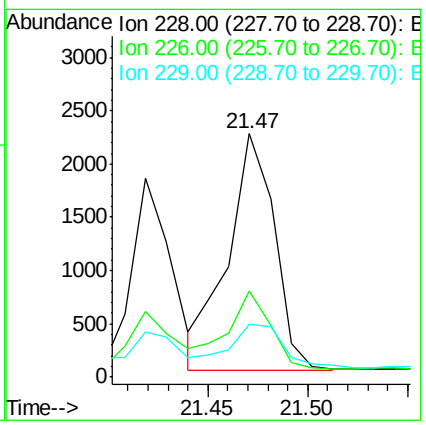
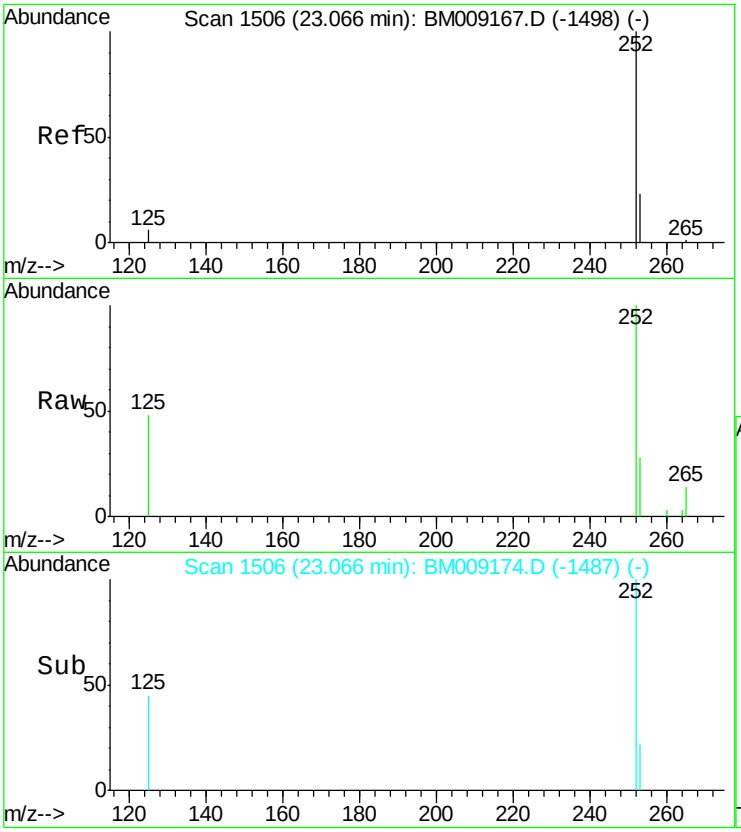


#19
Chrysene
Concen: 0.96 ng/ul m
RT: 21.47 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BM009174.D
Acq: 10 Mar 2017 13:58

Tgt Ion:228 Resp: 3600

Ion	Ratio	Lower	Upper
228	100		
226	35.5	23.4	35.0#
229	21.8	17.7	26.5

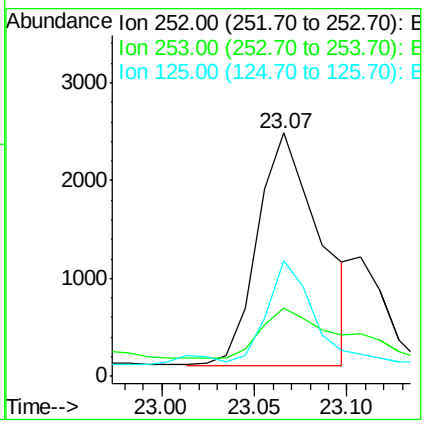




#21
Benzo(b)fluoranthene
Concen: 1.39 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BM009174.D
Acq: 10 Mar 2017 13:58

Tgt Ion:252 Resp: 5627

Ion	Ratio	Lower	Upper
252	100		
253	28.3	0.0	64.2
125	47.5	0.0	35.0#



Instrument :
BNA_M
ClientSampleId :
C0AK8

Manual Integrations APPROVED
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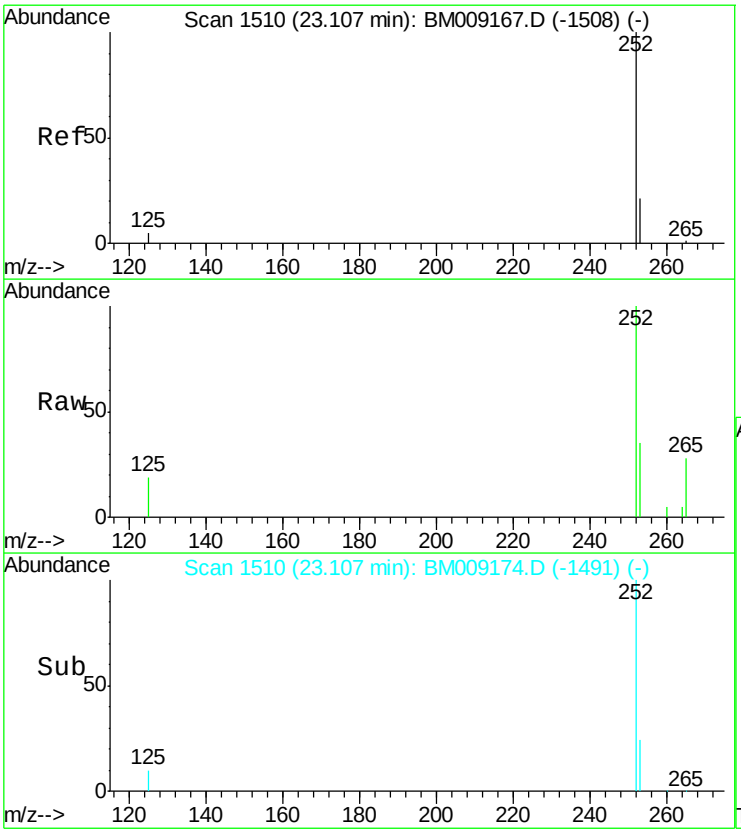
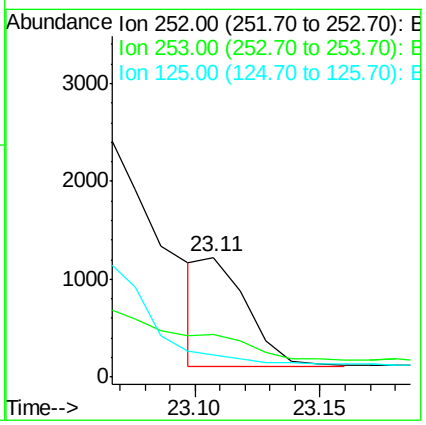
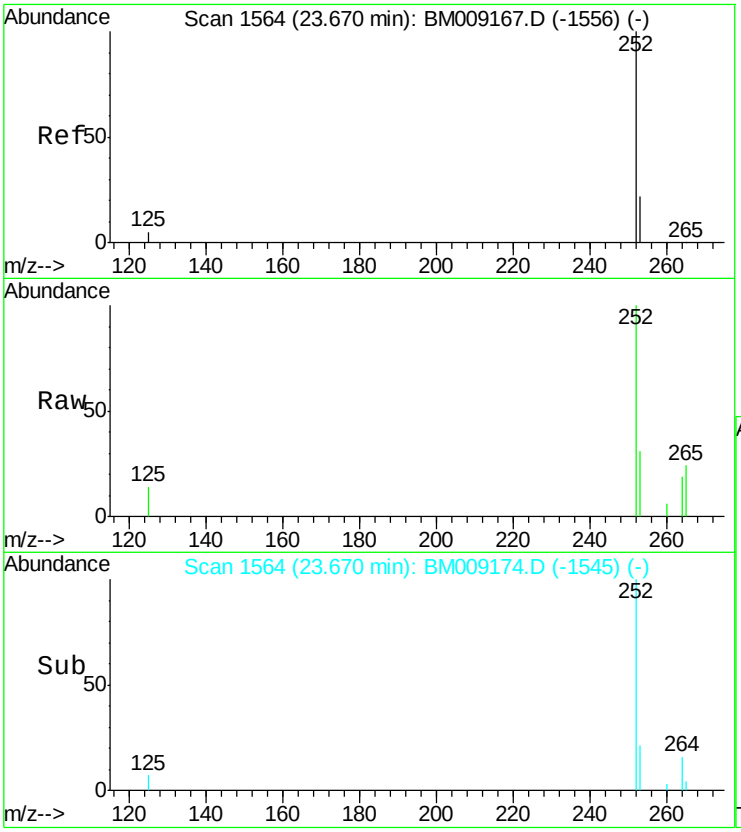


#22
Benzo(k)fluoranthene
Concen: 0.39 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BM009174.D
Acq: 10 Mar 2017 13:58

Tgt Ion:252 Resp: 1394

Ion	Ratio	Lower	Upper
252	100		
253	35.5	24.5	36.7
125	18.7	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.90 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM009174.D
Acq: 10 Mar 2017 13:58

Tgt Ion:252 Resp: 3276

Ion	Ratio	Lower	Upper
252	100		
253	30.8	28.5	42.7
125	13.6	18.1	27.1#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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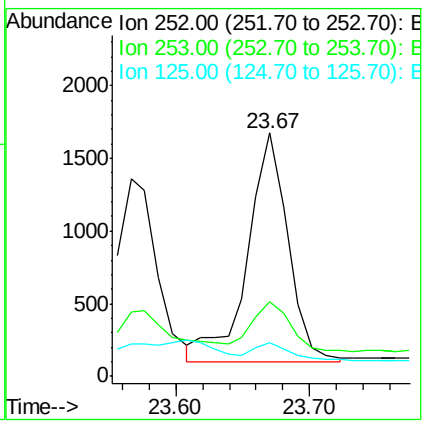
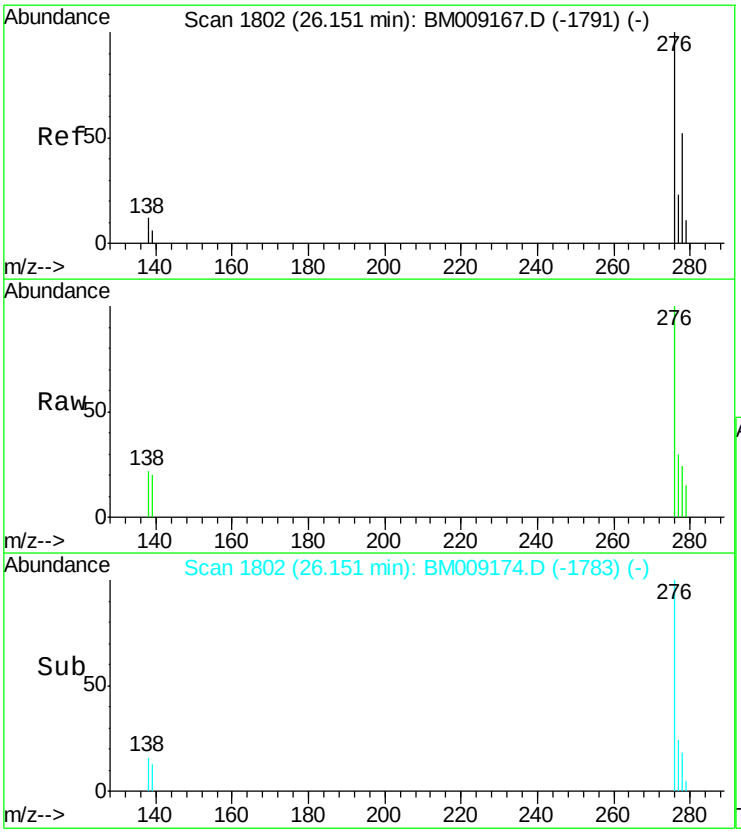
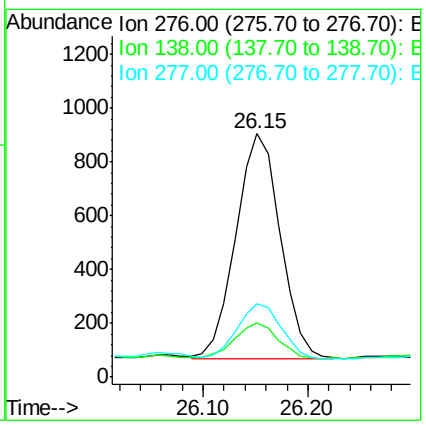


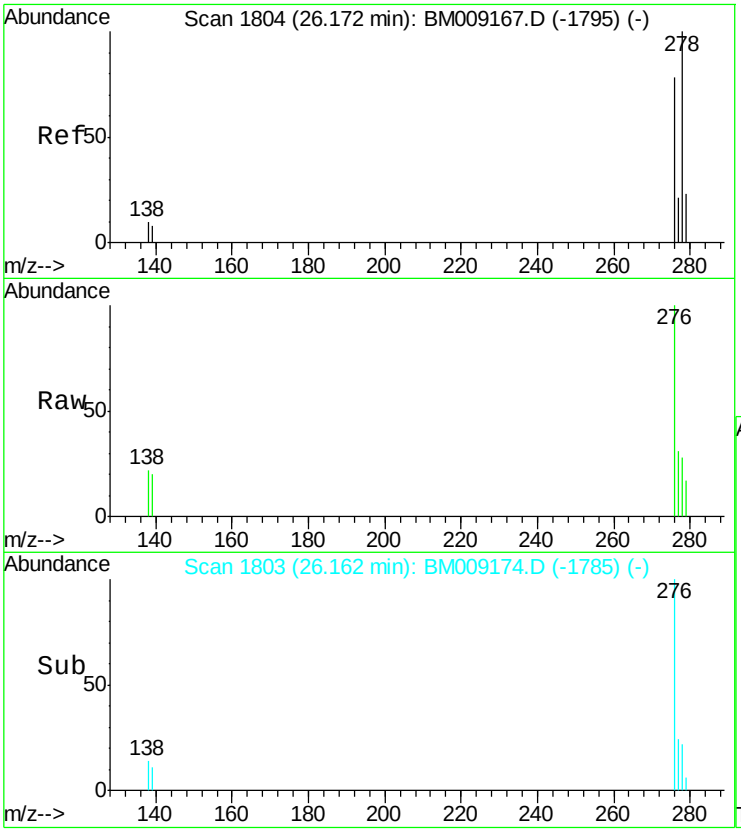


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.53 ng/ul m
RT: 26.15 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BM009174.D
Acq: 10 Mar 2017 13:58

Tgt Ion:276 Resp: 2449

Ion	Ratio	Lower	Upper
276	100		
138	2.1	19.1	28.7#
277	1.3	19.6	29.4#





#25
Dibenzo(a,h)anthracene
Concen: 0.16 ng/ul m
RT: 26.16 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BM009174.D
Acq: 10 Mar 2017 13:58

Tgt Ion:278 Resp: 640

Ion	Ratio	Lower	Upper
278	100		
139	72.1	17.4	26.0#
279	58.8	25.9	38.9#

Instrument :
BNA_M
ClientSampleId :
C0AK8

Manual Integrations APPROVED
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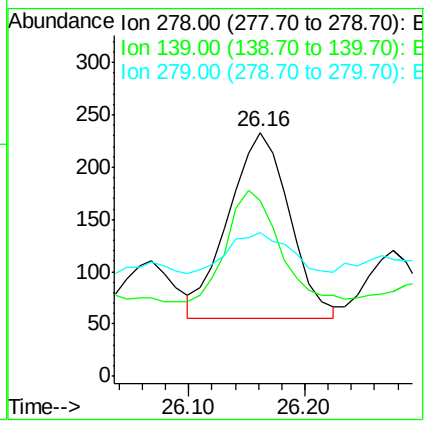
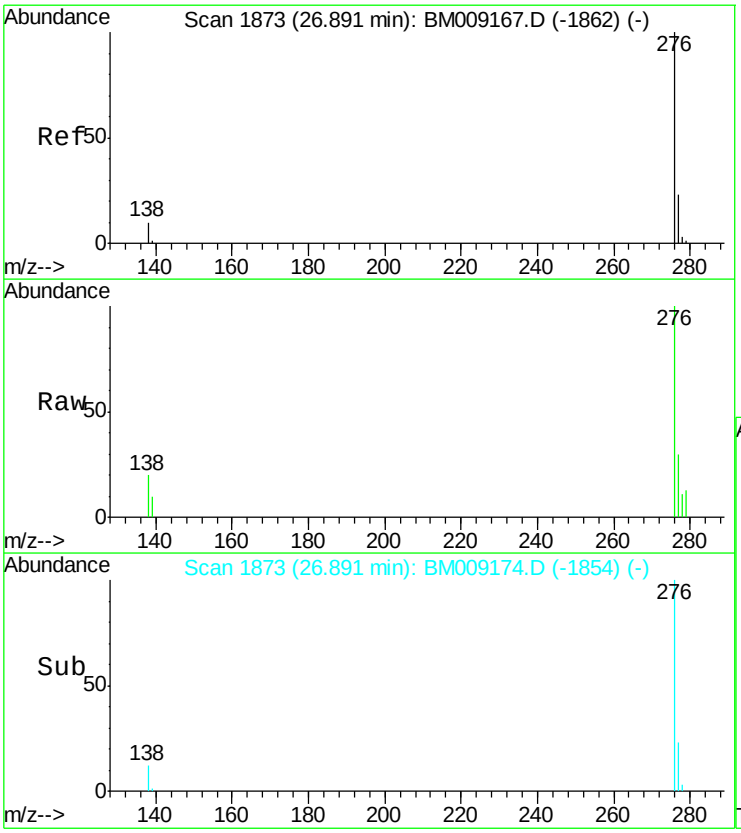
3/13/2017 2:13:28 PM





#26
Benzo(g,h,i)perylene
Concen: 0.58 ng/ul m
RT: 26.89 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BM009174.D
Acq: 10 Mar 2017 13:58

Tgt Ion:276 Resp: 2278

Ion	Ratio	Lower	Upper
276	100		
277	30.1	21.8	32.8
138	19.6	20.5	30.7#