Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
Data File : BM009158.D
Acq On : 09 Mar 2017 22:45
Operator : SJ/MA
Sample : I2062-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK8

Manual Integrations APPROVED
mohammad
3/10/2017 6:01:38 PM

Quant Time: Mar 10 03:49:02 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 03:16:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	325	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	1008	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	597	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1486m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1554	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1541m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	302	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	847	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	1411	0.49	ng/ul	96
5) 2-Methylnaphthalene	12.34	142	1330	0.64	ng/ul	99
7) Acenaphthylene	14.23	152	269	0.09	ng/ul#	37
9) Fluorene	15.56	166	142	0.05	ng/ul#	60
12) Phenanthrene	17.30	178	3043	0.65	ng/ul	98
13) Anthracene	17.40	178	424	0.09	ng/ul#	78
15) Fluoranthene	19.33	202	6808	1.12	ng/ul	95
17) Pyrene	19.69	202	5905	1.10	ng/ul	97
18) Benzo(a)anthracene	21.42	228	3101	0.60	ng/ul	95
19) Chrysene	21.47	228	4231	0.86	ng/ul	94
21) Benzo(b)fluoranthene	23.07	252	6635m	1.10	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	1992m	0.37	ng/ul	
23) Benzo(a)pyrene	23.67	252	3620m	0.66	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	2780m	0.40	ng/ul	
25) Dibenzo(a,h)anthracene	26.16	278	680m	0.12	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	2630m	0.45	ng/ul	

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

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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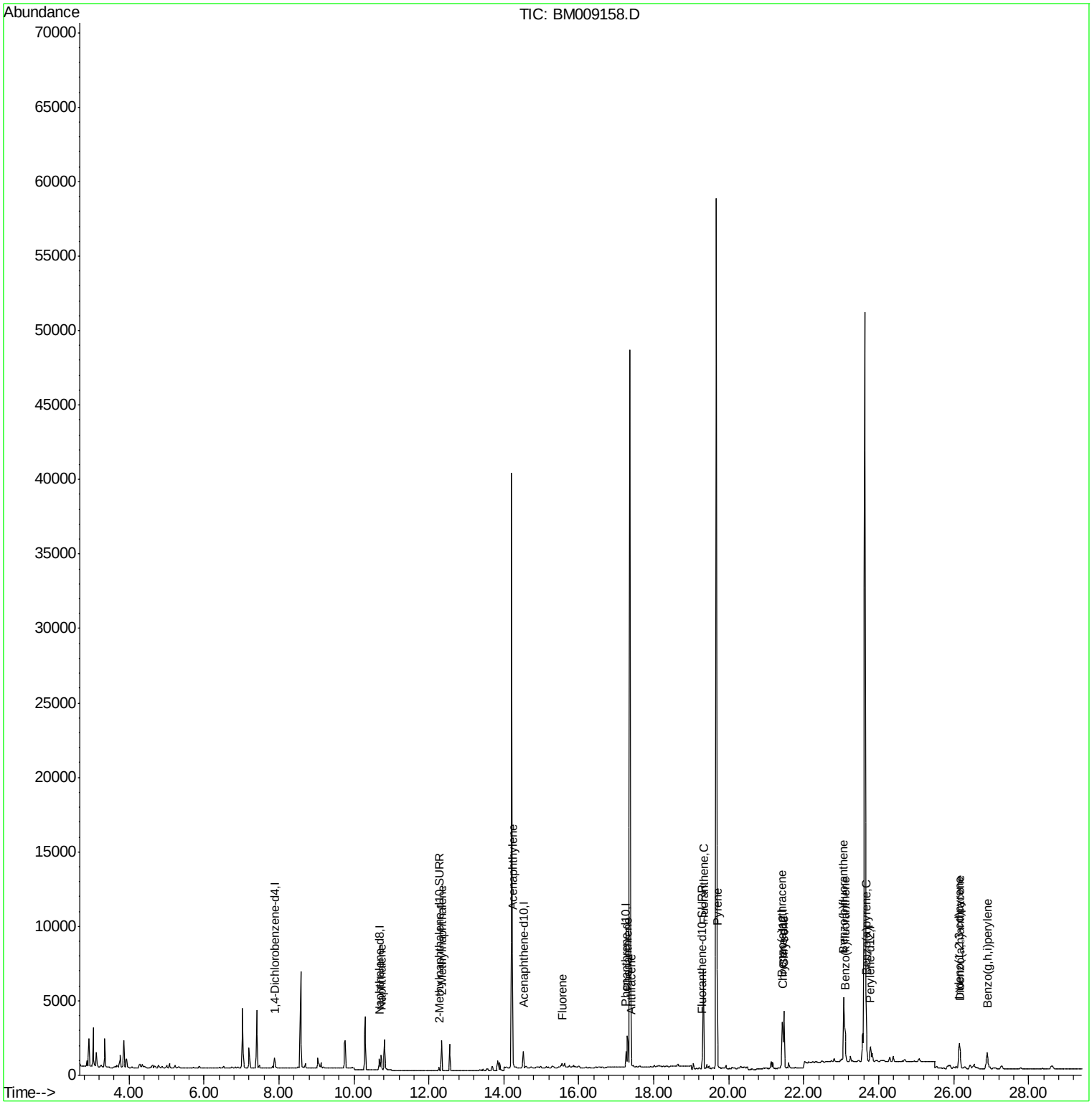
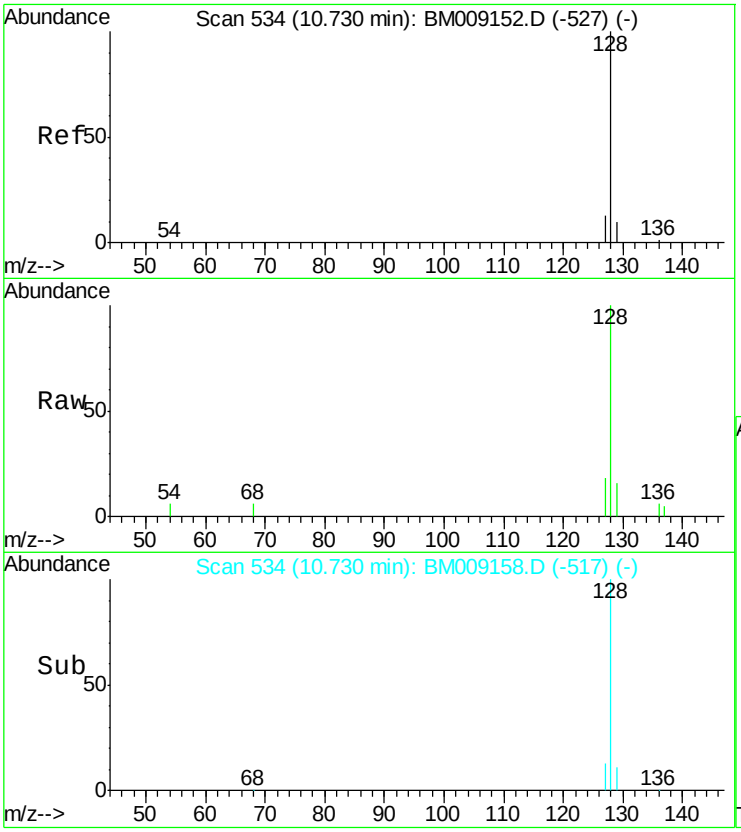
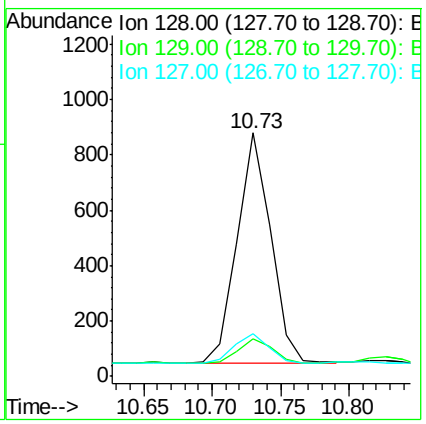




#3
Naphthalene
Concen: 0.49 ng/ul
RT: 10.73 min Scan# 534
Delta R.T. 0.00 min
Lab File: BM009158.D
Acq: 09 Mar 2017 22:45

Tgt Ion:128 Resp: 1411

Ion	Ratio	Lower	Upper
128	100		
129	15.6	11.3	16.9
127	17.7	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
C0AK8

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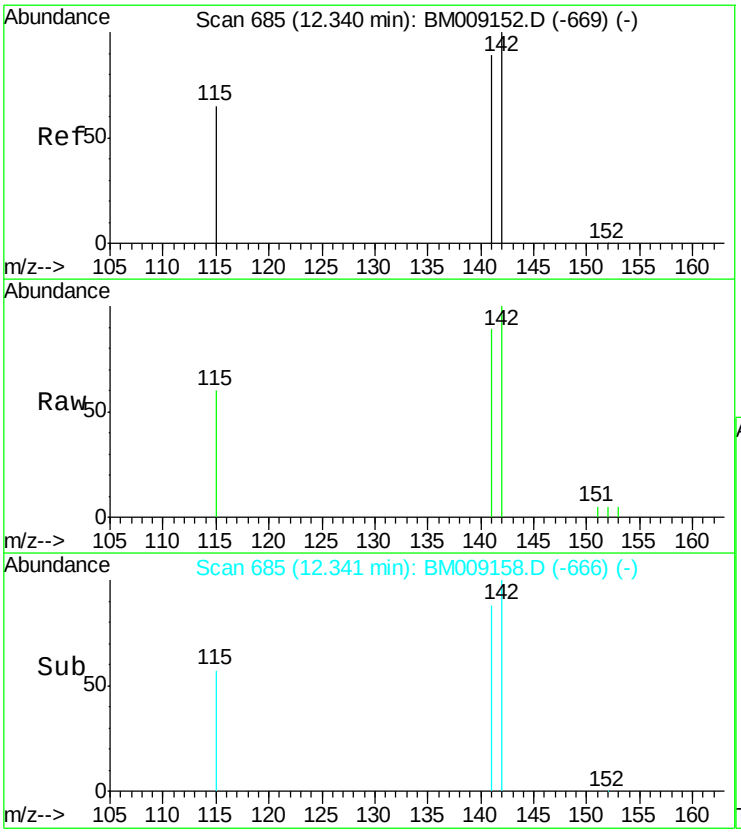
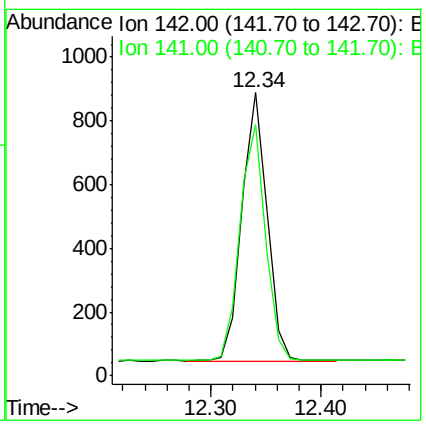
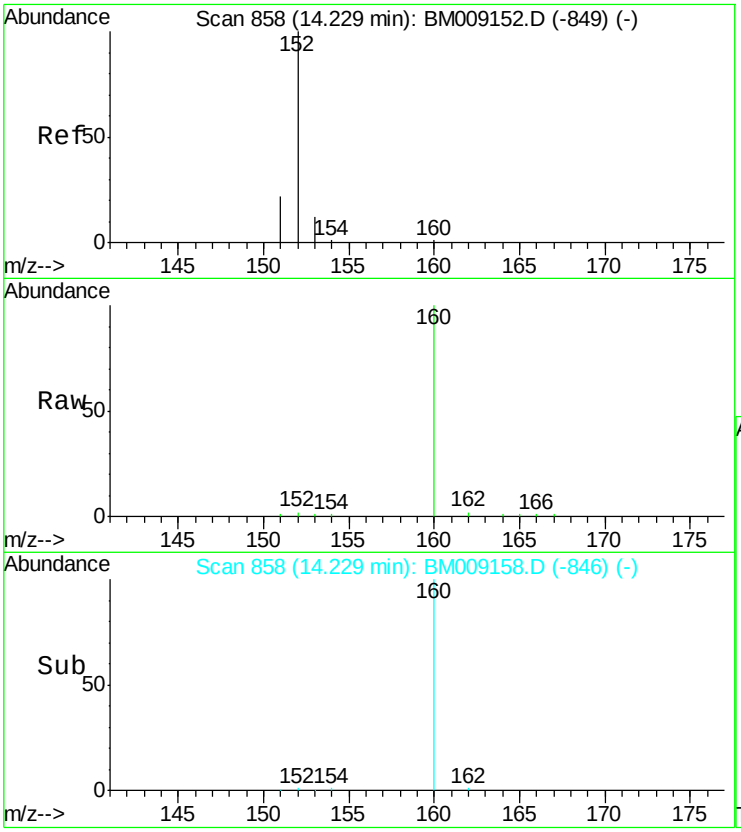


#5
2-Methylnaphthalene
Concen: 0.64 ng/ul
RT: 12.34 min Scan# 685
Delta R.T. 0.00 min
Lab File: BM009158.D
Acq: 09 Mar 2017 22:45

Tgt Ion:142 Resp: 1330

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8





#7
Acenaphthylene
Concen: 0.09 ng/ul
RT: 14.23 min Scan# 858
Delta R.T. 0.00 min
Lab File: BM009158.D
Acq: 09 Mar 2017 22:45

Tgt Ion:152 Resp: 269

Ion	Ratio	Lower	Upper
152	100		
151	47.8	17.1	25.7#
153	47.2	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
C0AK8

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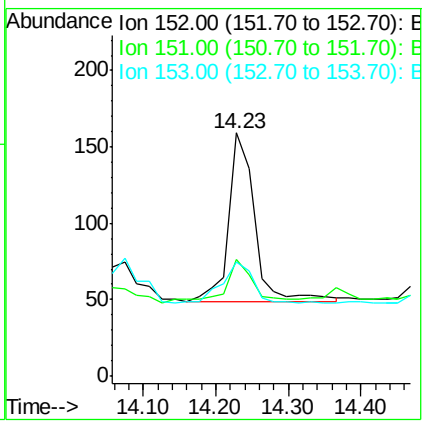
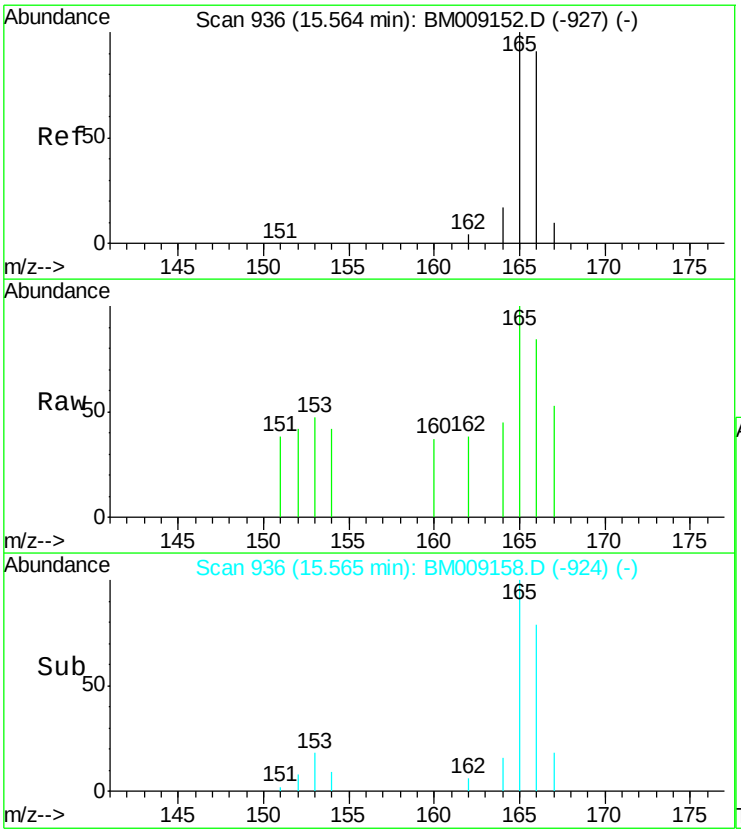
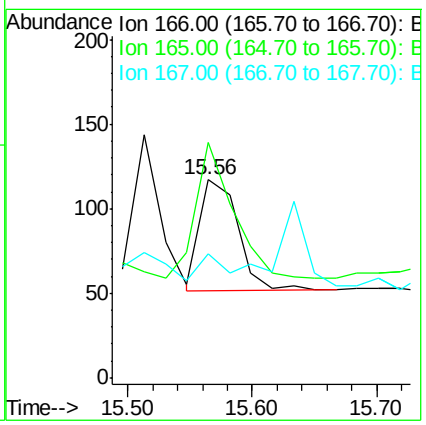


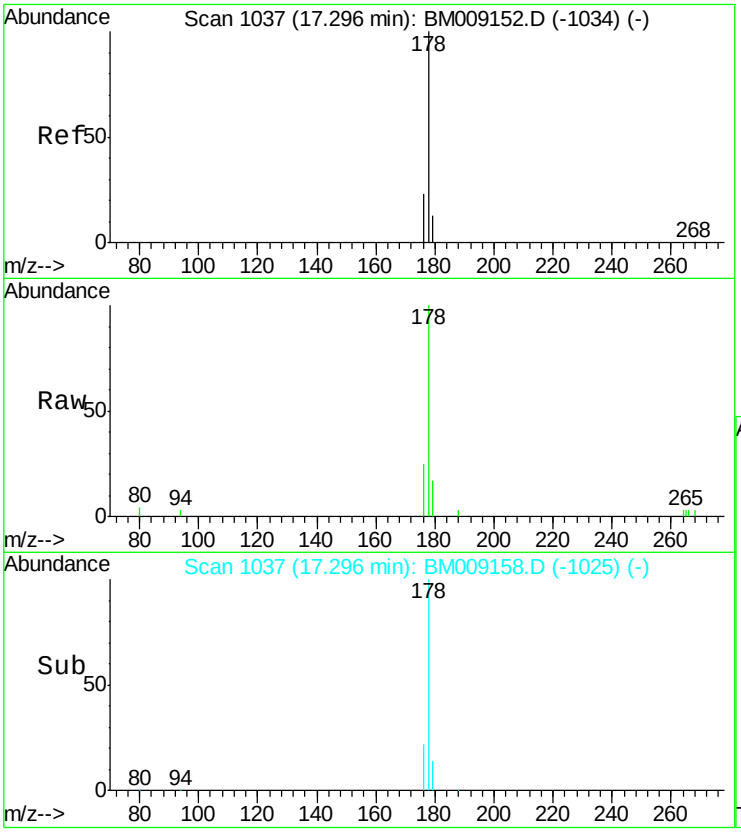


#9
Fluorene
Concen: 0.05 ng/ul
RT: 15.56 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM009158.D
Acq: 09 Mar 2017 22:45

Tgt Ion:166 Resp: 142

Ion	Ratio	Lower	Upper
166	100		
165	118.8	73.4	110.2#
167	62.4	14.6	22.0#





#12
Phenanthrene
Concen: 0.65 ng/ul
RT: 17.30 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BM009158.D
Acq: 09 Mar 2017 22:45

Tgt Ion:178 Resp: 3043

Ion	Ratio	Lower	Upper
178	100		
176	24.8	18.4	27.6
179	17.0	13.6	20.4

Instrument :
BNA_M
ClientSampleId :
C0AK8

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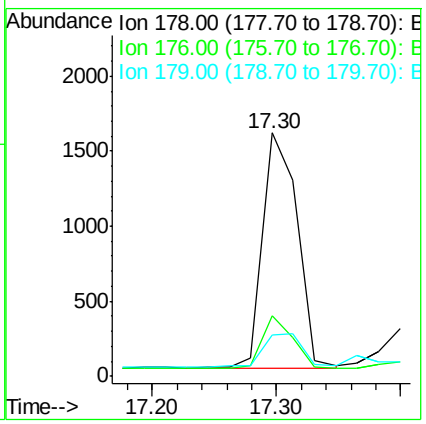
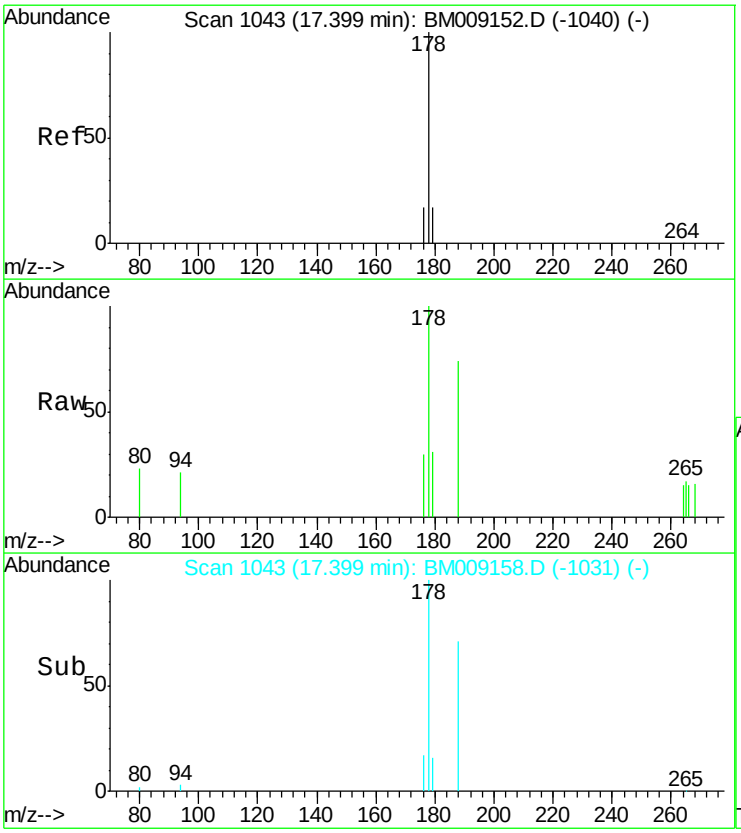
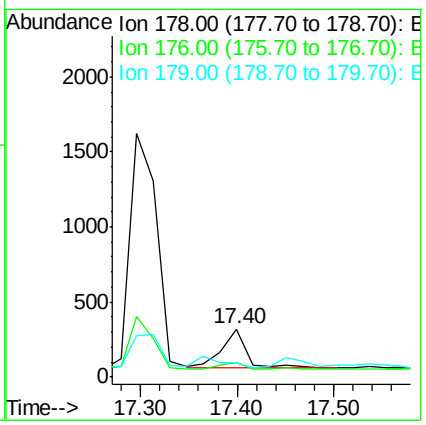


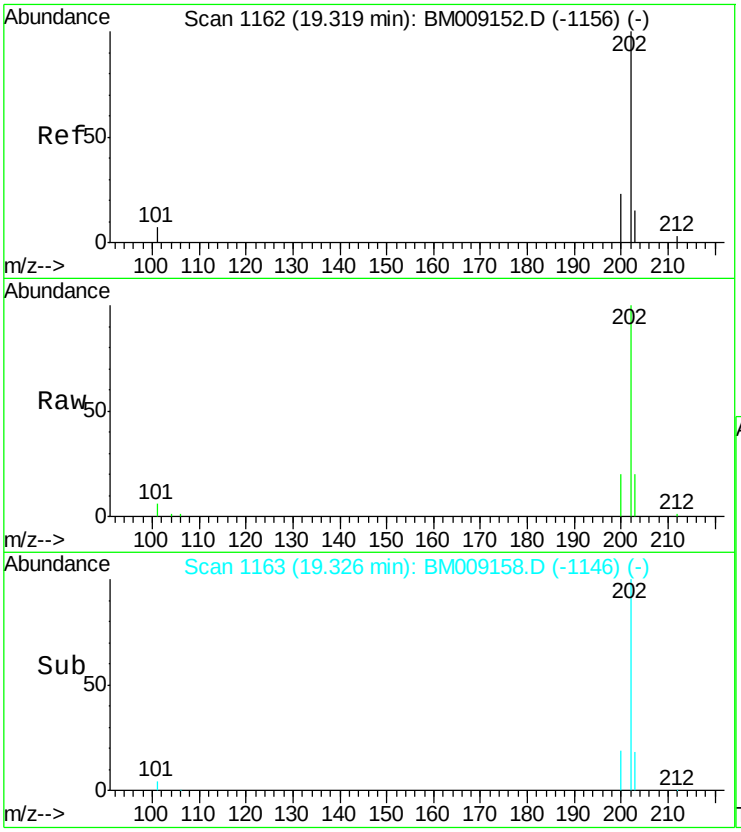


#13
Anthracene
Concen: 0.09 ng/ul
RT: 17.40 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BM009158.D
Acq: 09 Mar 2017 22:45

Tgt Ion:178 Resp: 424

Ion	Ratio	Lower	Upper
178	100		
176	30.1	18.1	27.1#
179	31.3	14.7	22.1#

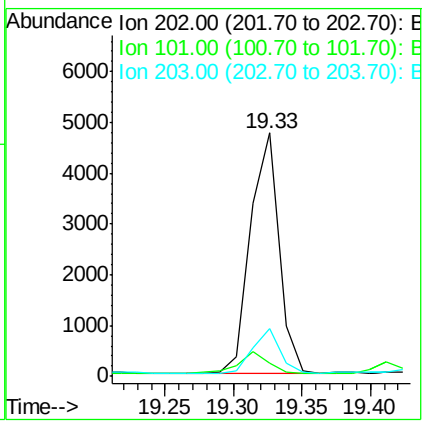




#15
Fluoranthene
Concen: 1.12 ng/ul
RT: 19.33 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BM009158.D
Acq: 09 Mar 2017 22:45

Tgt Ion:202 Resp: 6808

Ion	Ratio	Lower	Upper
202	100		
101	5.5	0.0	30.3
203	19.7	0.0	39.5



Instrument :
BNA_M
ClientSampleId :
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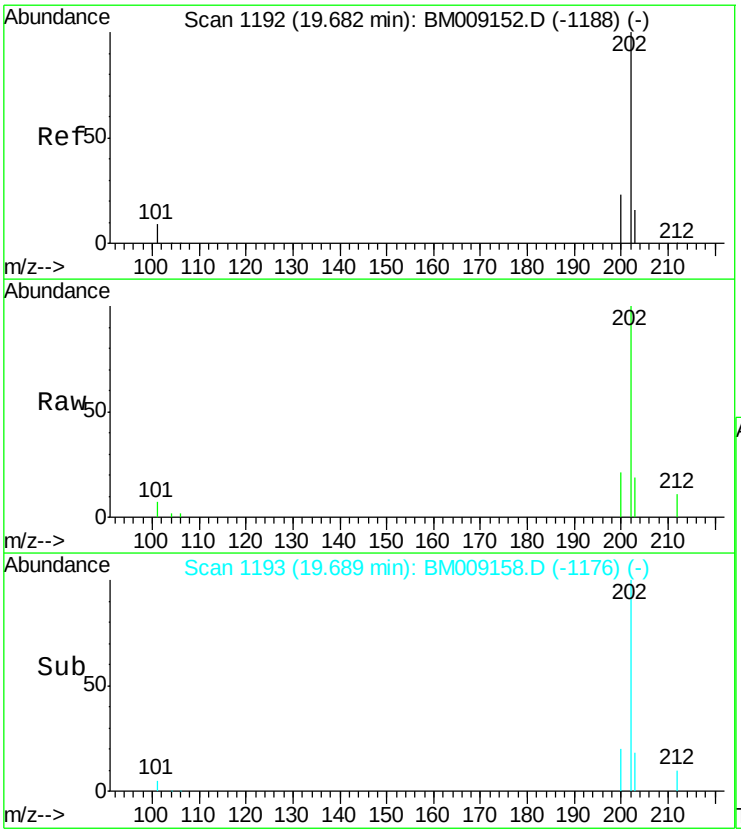
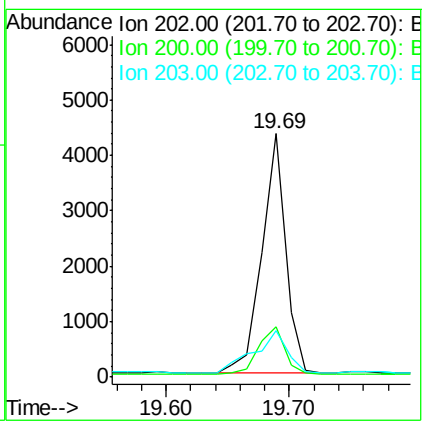
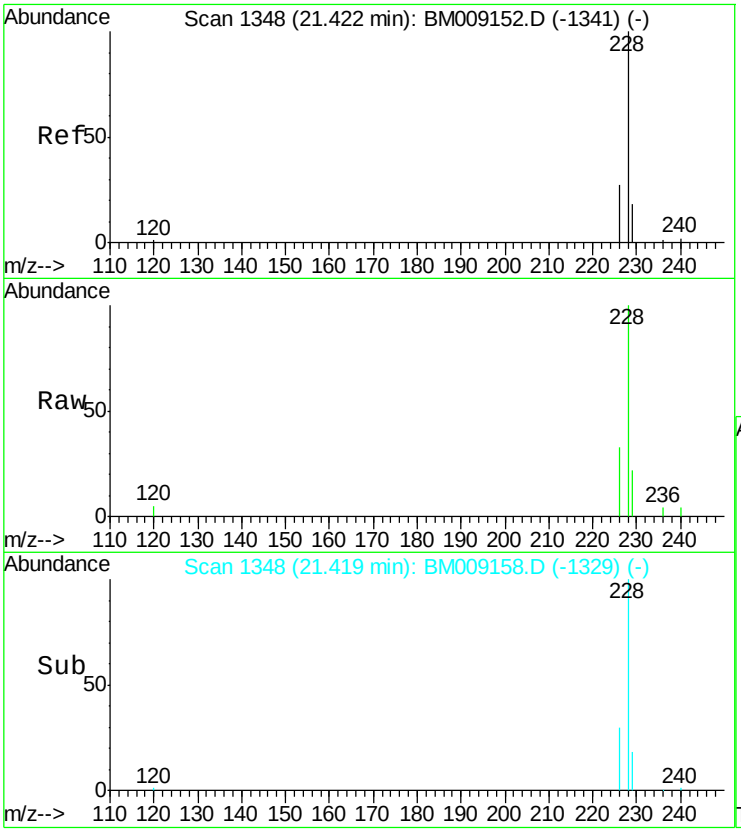


#17
Pyrene
Concen: 1.10 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BM009158.D
Acq: 09 Mar 2017 22:45

Tgt Ion:202 Resp: 5905

Ion	Ratio	Lower	Upper
202	100		
200	20.7	18.2	27.4
203	19.2	15.6	23.4

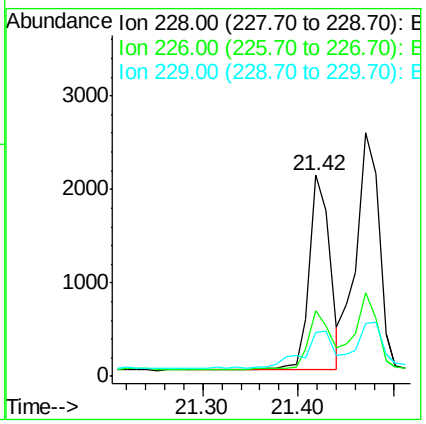




#18
Benzo(a)anthracene
Concen: 0.60 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM009158.D
Acq: 09 Mar 2017 22:45

Tgt Ion:228 Resp: 3101

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.8	34.2
229	21.7	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
C0AK8

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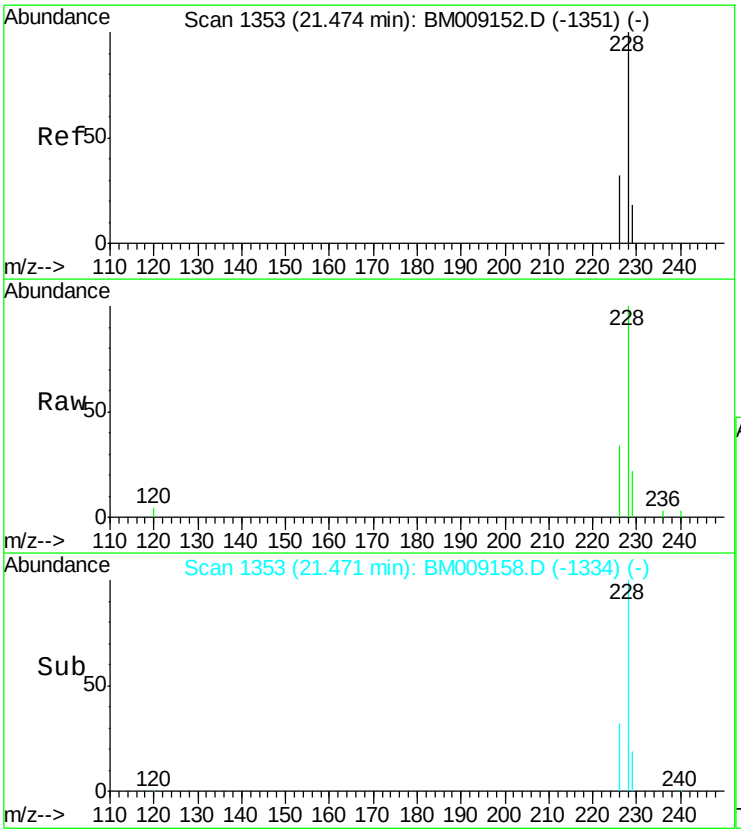
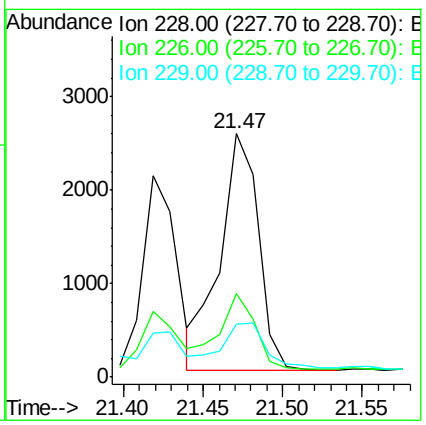
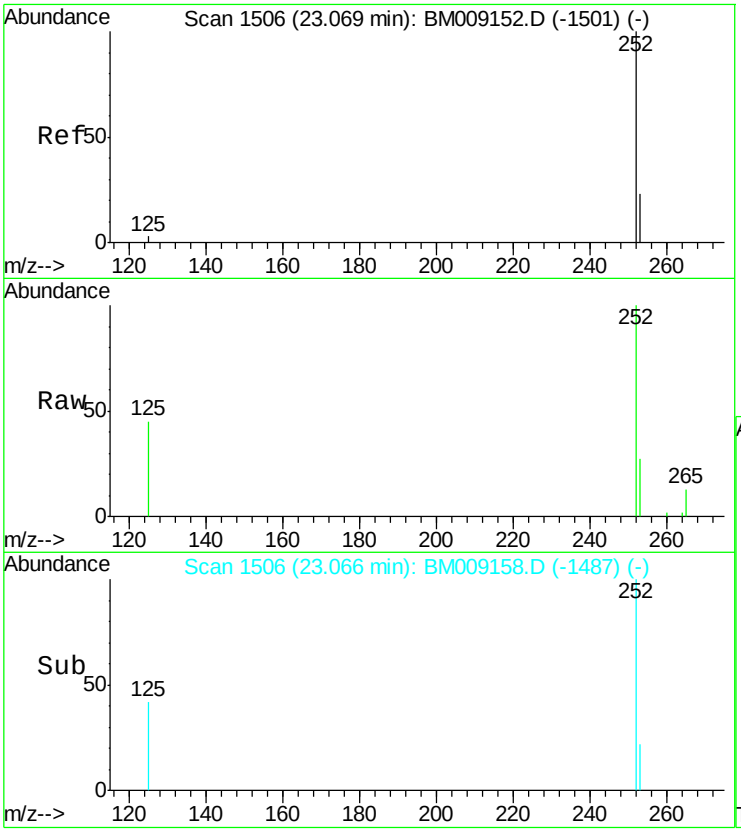


#19
Chrysene
Concen: 0.86 ng/ul
RT: 21.47 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BM009158.D
Acq: 09 Mar 2017 22:45

Tgt Ion:228 Resp: 4231

Ion	Ratio	Lower	Upper
228	100		
226	34.4	23.4	35.0
229	21.8	17.7	26.5

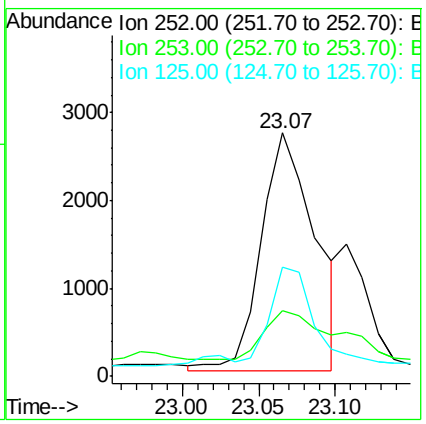




#21
Benzo(b)fluoranthene
Concen: 1.10 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BM009158.D
Acq: 09 Mar 2017 22:45

Tgt Ion:252 Resp: 6635

Ion	Ratio	Lower	Upper
252	100		
253	26.9	0.0	64.2
125	44.9	0.0	35.0#



Instrument :
BNA_M
ClientSampleId :
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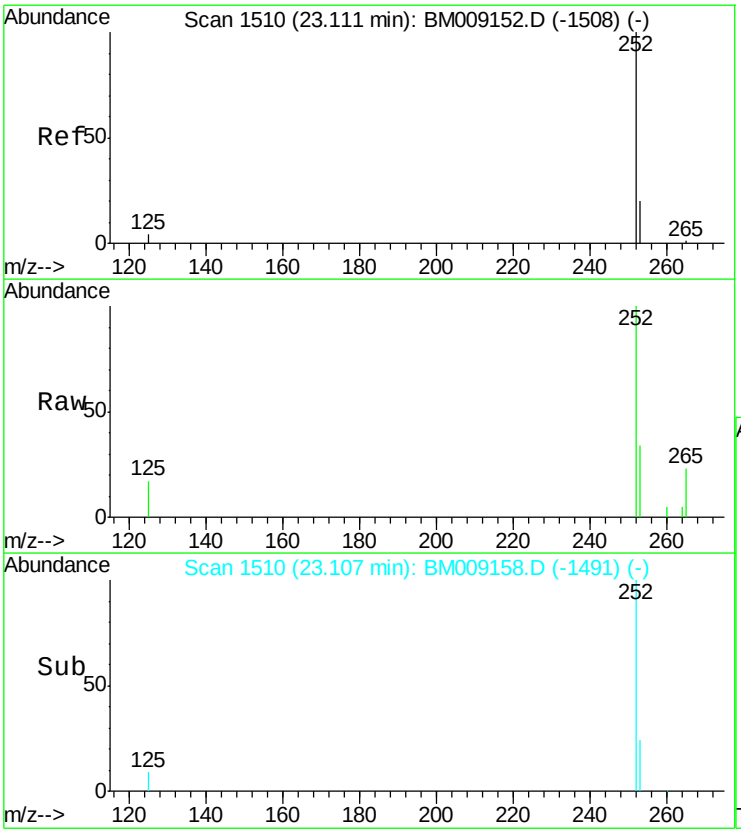
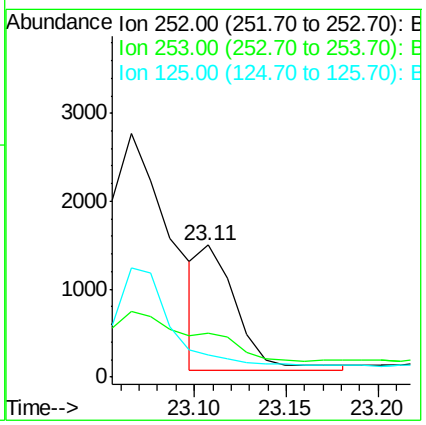
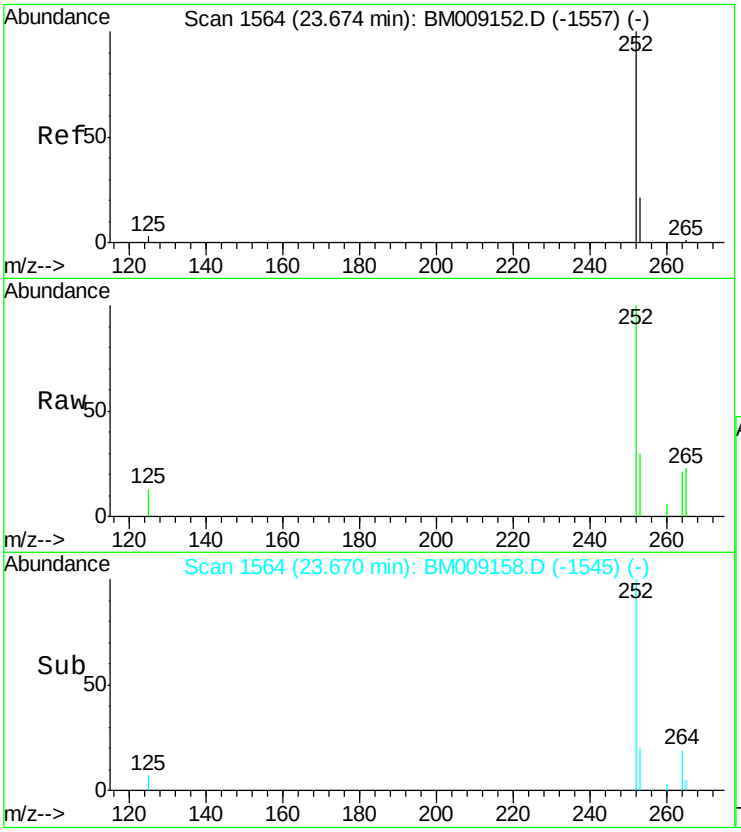


#22
Benzo(k)fluoranthene
Concen: 0.37 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BM009158.D
Acq: 09 Mar 2017 22:45

Tgt Ion:252 Resp: 1992

Ion	Ratio	Lower	Upper
252	100		
253	33.6	24.5	36.7
125	16.9	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.66 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM009158.D
Acq: 09 Mar 2017 22:45

Tgt Ion:252 Resp: 3620

Ion	Ratio	Lower	Upper
252	100		
253	29.9	28.5	42.7
125	12.8	18.1	27.1#

Instrument :
BNA_M
ClientSampleId :
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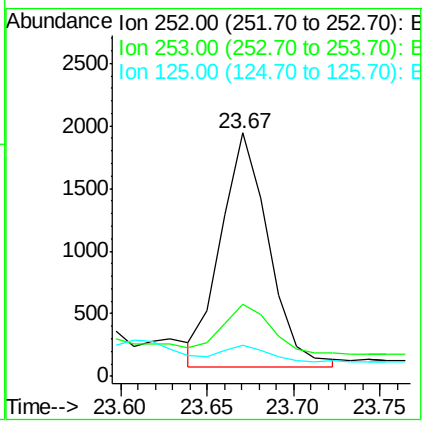
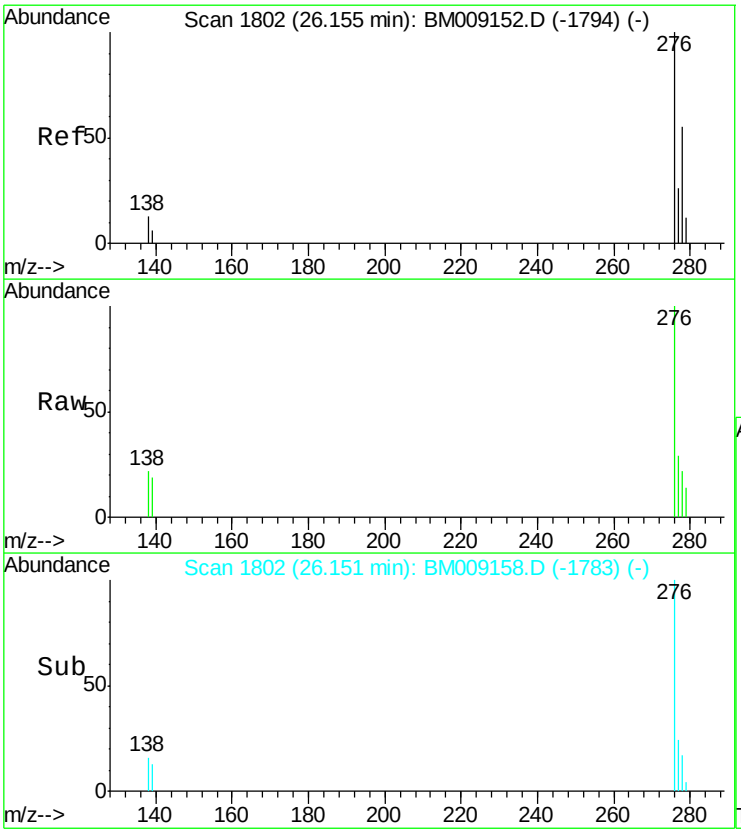
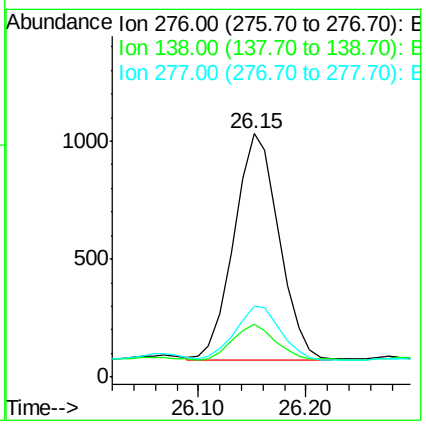


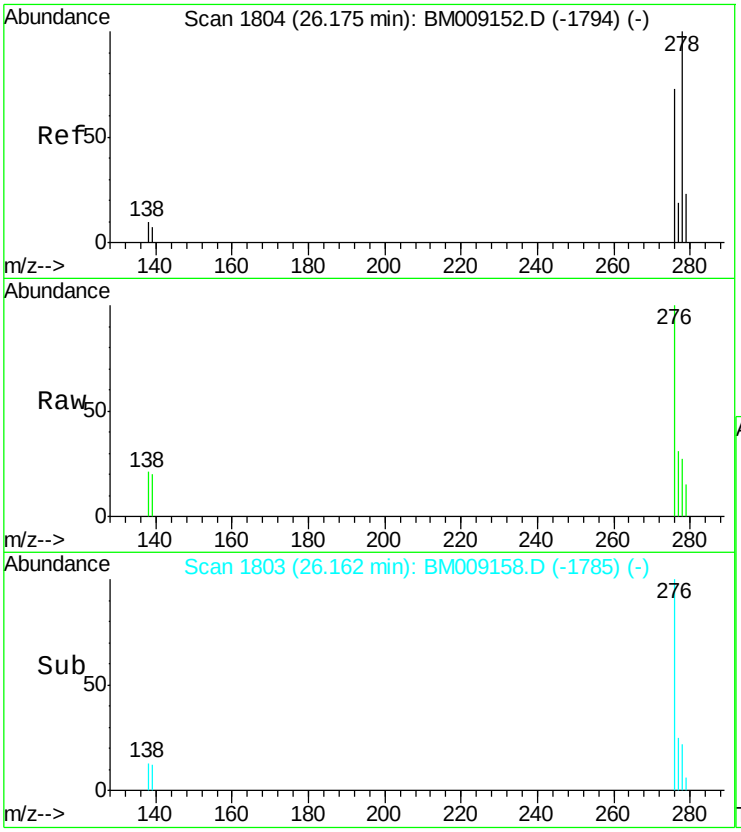


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng/ul m
RT: 26.15 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BM009158.D
Acq: 09 Mar 2017 22:45

Tgt Ion:276 Resp: 2780

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.9	19.6	29.4#





#25
Dibenzo(a,h)anthracene
Concen: 0.12 ng/ul m
RT: 26.16 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BM009158.D
Acq: 09 Mar 2017 22:45

Tgt Ion:278 Resp: 680

Ion	Ratio	Lower	Upper
278	100		
139	75.1	17.4	26.0#
279	56.8	25.9	38.9#

Instrument :
BNA_M
ClientSampleId :
C0AK8

Manual Integrations APPROVED
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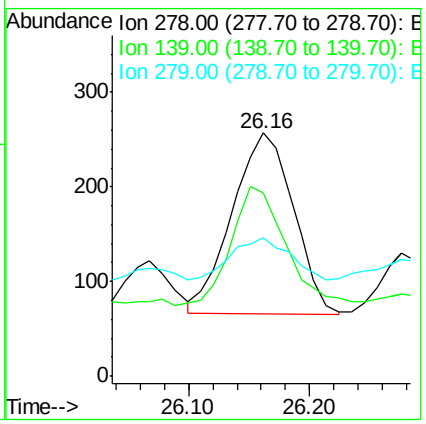

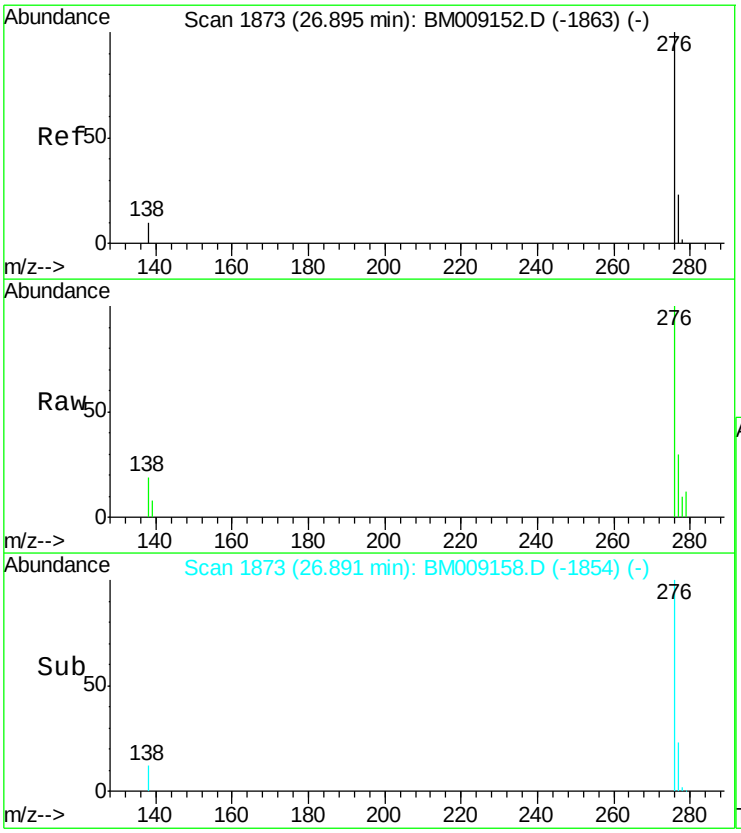

#26
Benzo(g,h,i)perylene
Concen: 0.45 ng/ul m
RT: 26.89 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BM009158.D
Acq: 09 Mar 2017 22:45

Tgt Ion:276 Resp: 2630

Ion	Ratio	Lower	Upper
276	100		
277	29.6	21.8	32.8
138	18.7	20.5	30.7#