Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008067.D
Acq On : 24 Nov 2016 10:55
Operator : UM/SJ
Sample : H5701-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WD7

Manual Integrations APPROVED
Umangi
11/28/2016 5:30:01 PM

Quant Time: Nov 25 02:16:11 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	736	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2529	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1560	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	3198m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	3236	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	2418m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	823	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	2454m	0.27	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.54	128	10401	1.47	ng/ul	94
5) 2-Methylnaphthalene	12.16	142	2781	0.61	ng/ul	99
7) Acenaphthylene	14.06	152	3318	0.47	ng/ul	99
8) Acenaphthene	14.40	153	8037	1.50	ng/ul	97
9) Fluorene	15.39	166	11023	1.79	ng/ul#	84
12) Phenanthrene	17.12	178	124063	12.46	ng/ul	94
13) Anthracene	17.23	178	32283	3.45	ng/ul#	92
15) Fluoranthene	19.15	202	164794	12.82	ng/ul	94
17) Pyrene	19.52	202	144659	12.88	ng/ul#	94
18) Benzo(a)anthracene	21.27	228	81128	8.17	ng/ul	98
19) Chrysene	21.32	228	71367	5.78	ng/ul	98
21) Benzo(b)fluoranthene	22.85	252	92625m	9.60	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	23377m	2.35	ng/ul	
23) Benzo(a)pyrene	23.42	252	63529m	7.03	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.77	276	38106m	3.41	ng/ul	
25) Dibenzo(a,h)anthracene	25.77	278	11229m	1.25	ng/ul	
26) Benzo(g,h,i)perylene	26.46	276	31887m	3.22	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
A4WD7

Manual Integrations APPROVED
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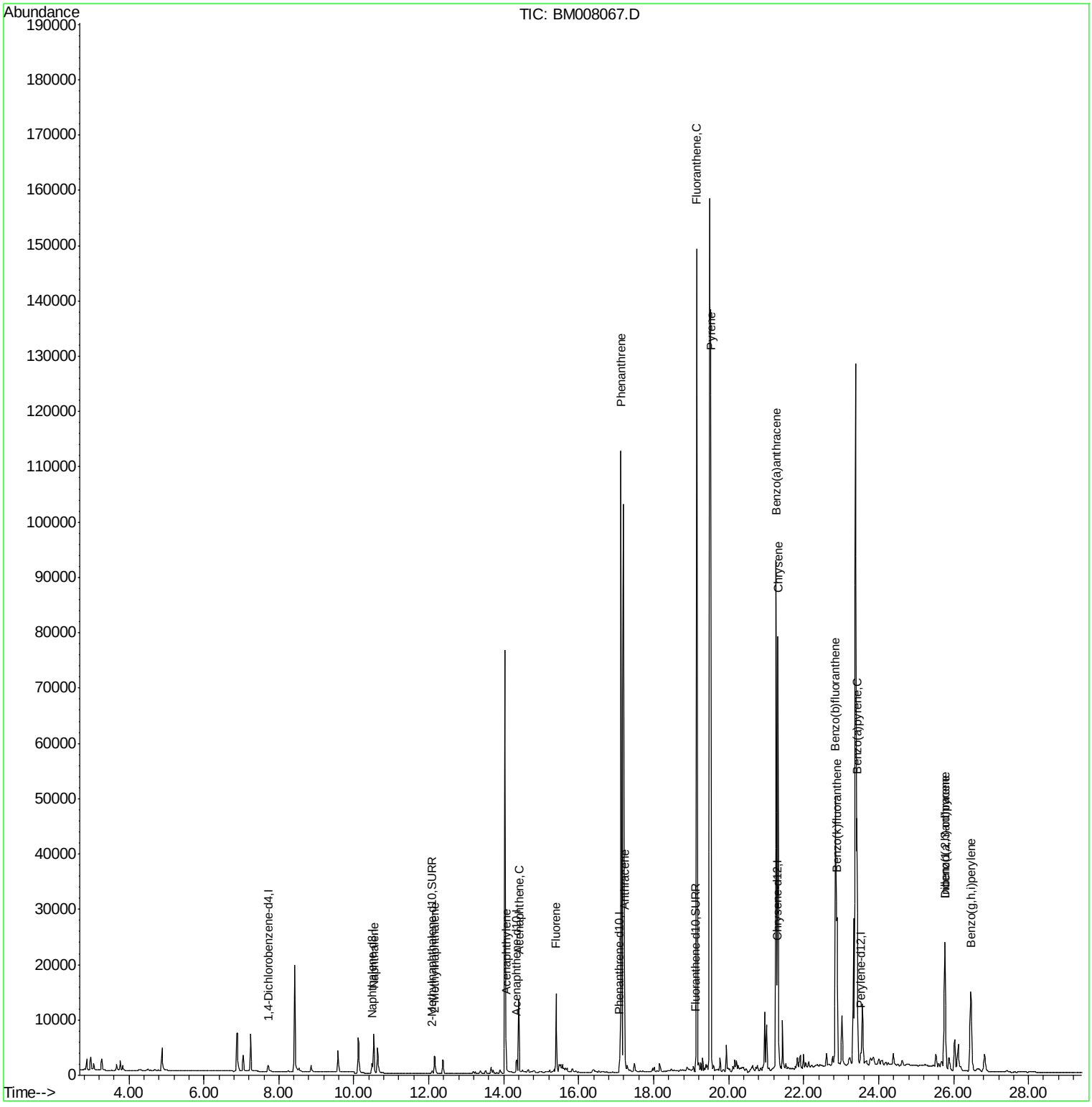
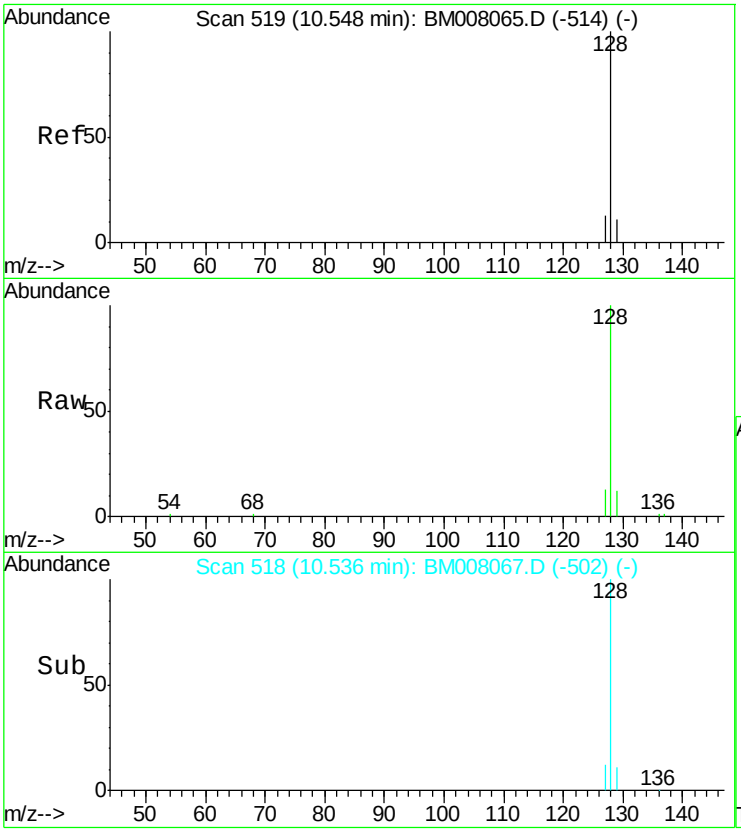
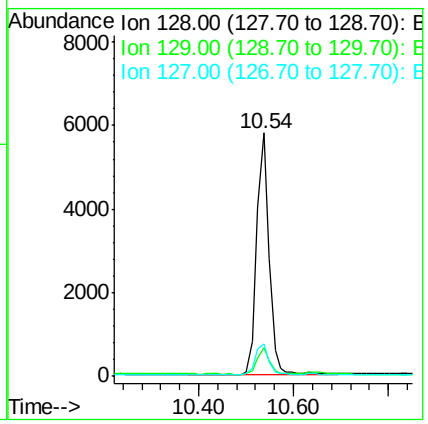




#3
Naphthalene
Concen: 1.47 ng/ul
RT: 10.54 min Scan# 518
Delta R.T. -0.01 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:128 Resp: 10401

Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.3	16.9
127	13.2	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
A4WD7

Manual Integrations APPROVED
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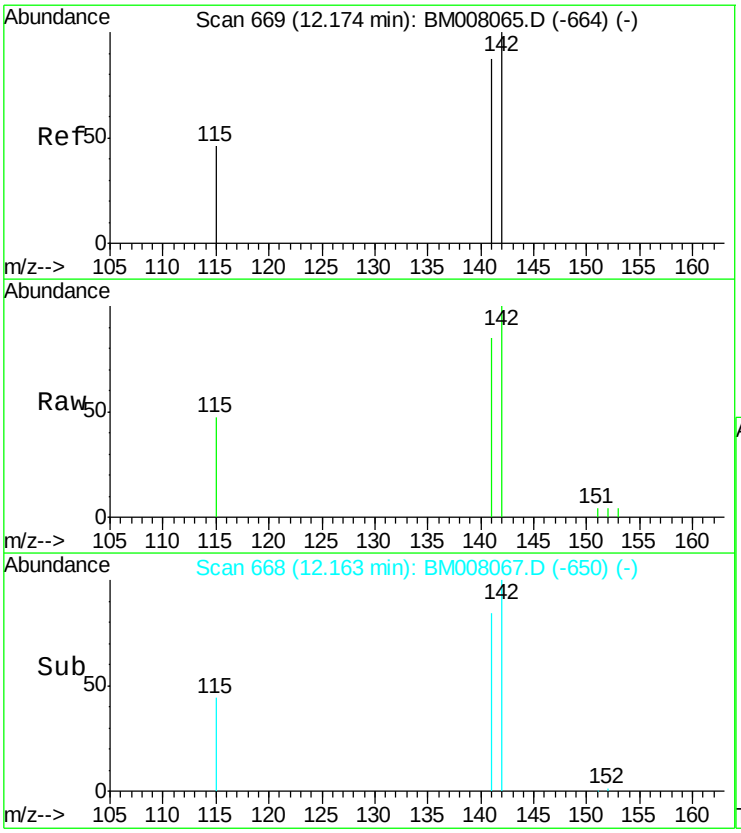
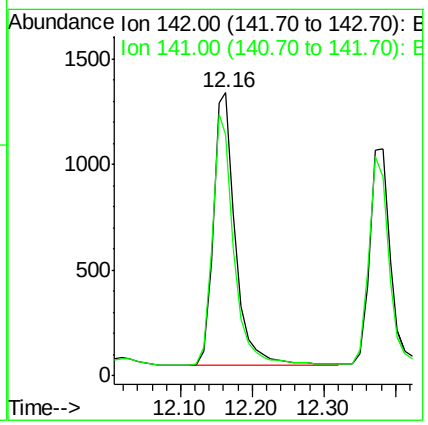
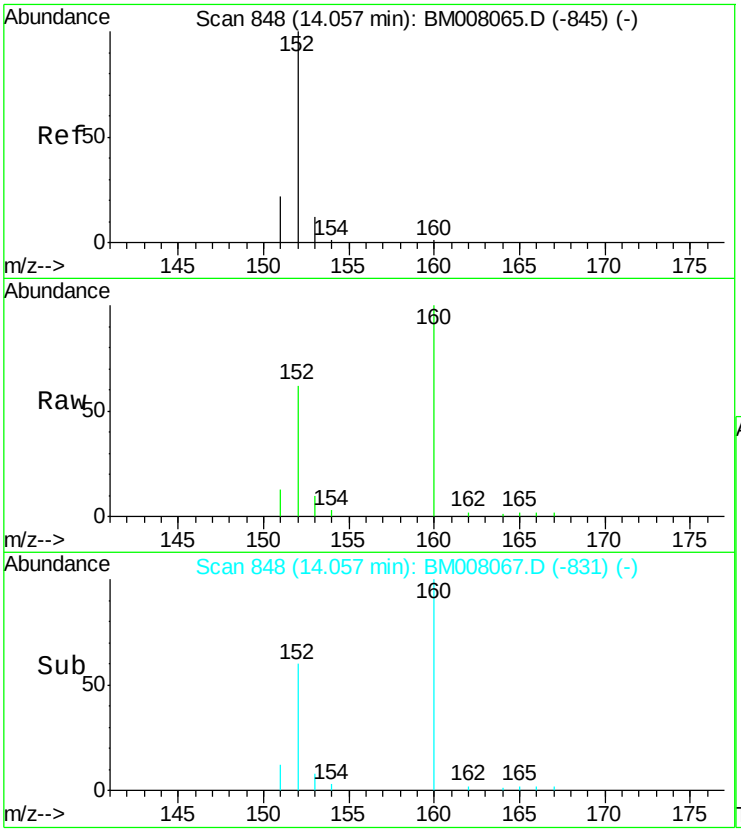


#5
2-Methylnaphthalene
Concen: 0.61 ng/ul
RT: 12.16 min Scan# 668
Delta R.T. -0.01 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:142 Resp: 2781

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.6	108.8

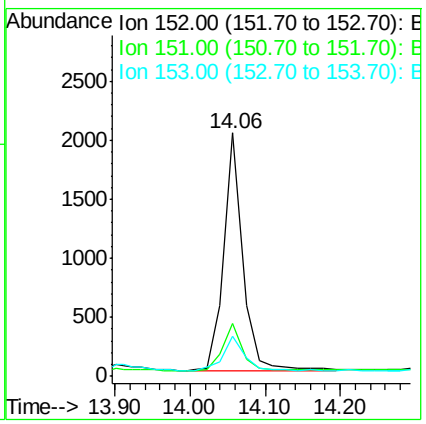




#7
Acenaphthylene
Concen: 0.47 ng/ul
RT: 14.06 min Scan# 848
Delta R.T. 0.00 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:152 Resp: 3318

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.1	25.7
153	16.4	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
A4WD7

Manual Integrations APPROVED
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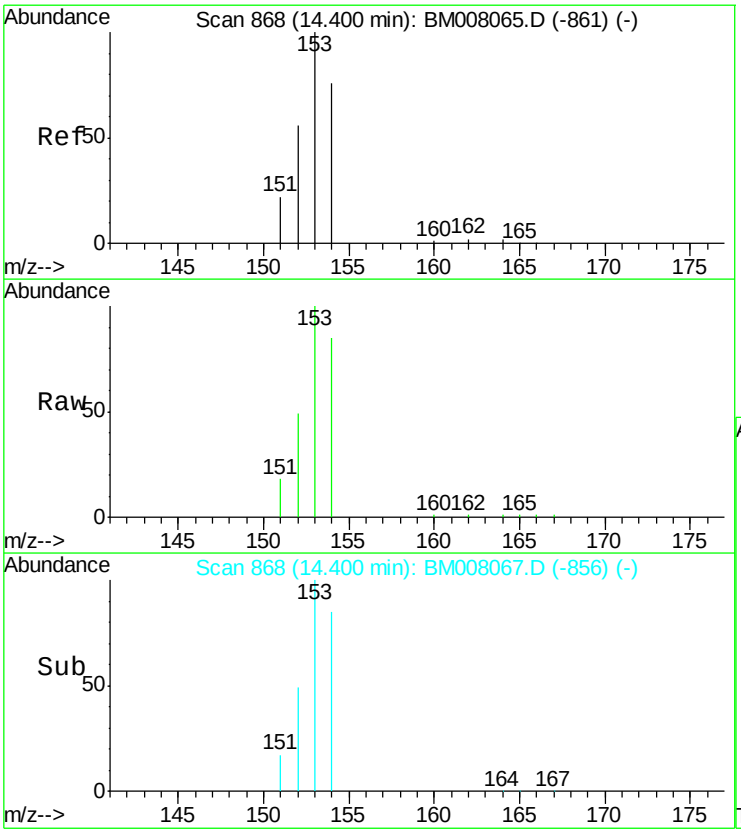
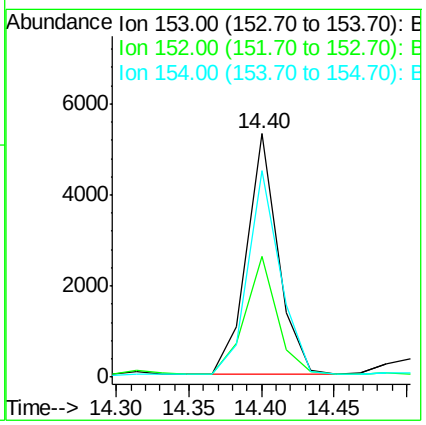
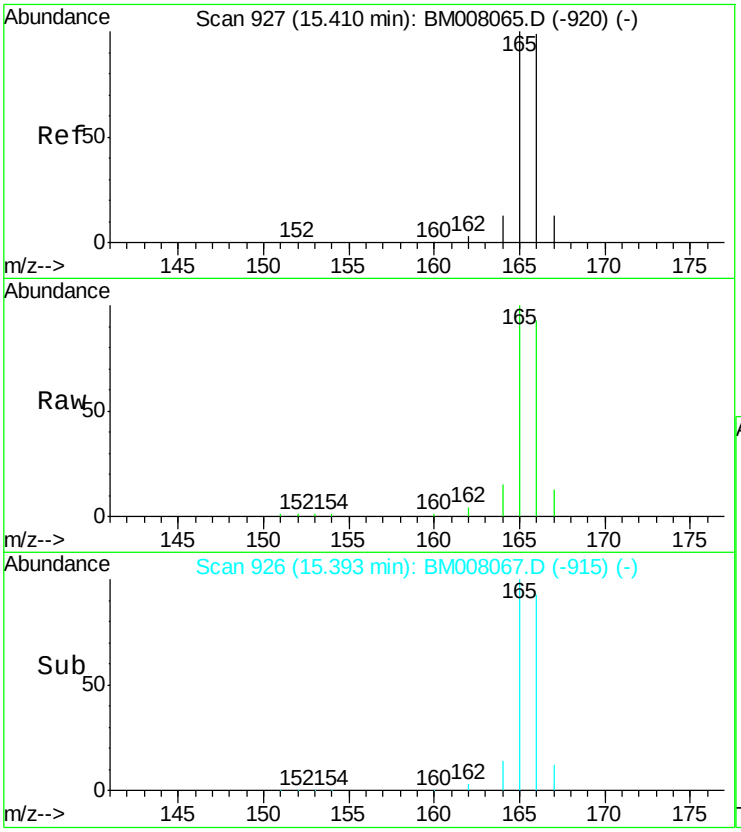


#8
Acenaphthene
Concen: 1.50 ng/ul
RT: 14.40 min Scan# 868
Delta R.T. 0.00 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:153 Resp: 8037

Ion	Ratio	Lower	Upper
153	100		
152	49.4	40.3	60.5
154	85.0	71.4	107.2

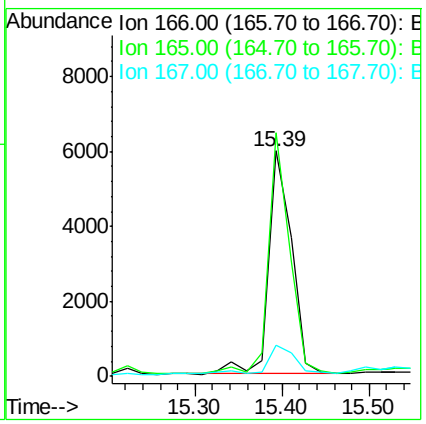




#9
Fluorene
Concen: 1.79 ng/ul
RT: 15.39 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:166 Resp: 11023

Ion	Ratio	Lower	Upper
166	100		
165	108.0	73.4	110.2
167	13.7	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
A4WD7

Manual Integrations APPROVED
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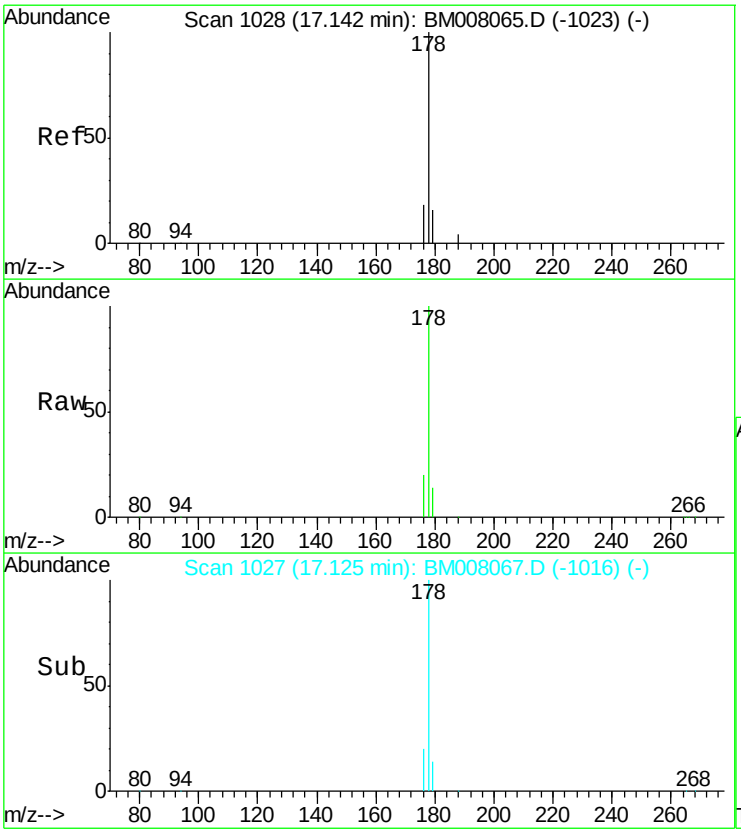
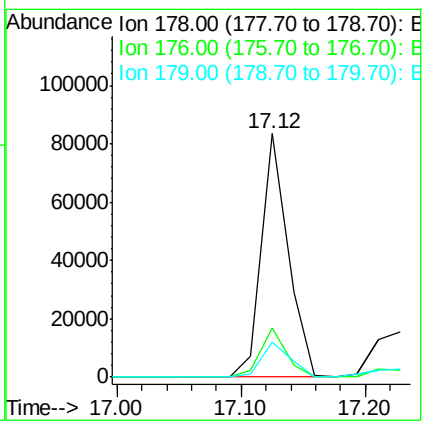
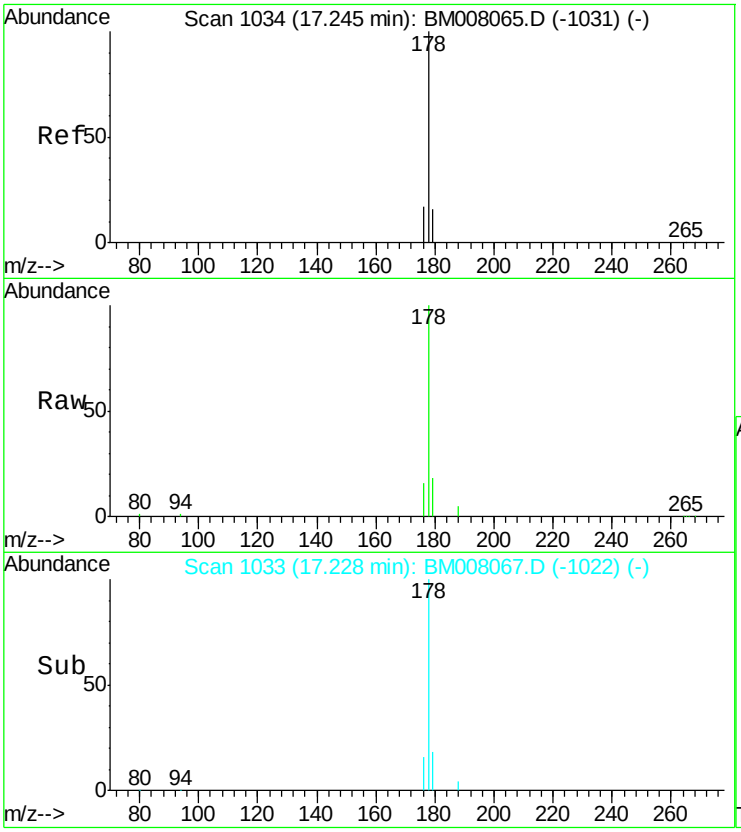


#12
Phenanthrene
Concen: 12.46 ng/ul
RT: 17.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:178 Resp: 124063

Ion	Ratio	Lower	Upper
178	100		
176	20.4	18.4	27.6
179	14.3	13.6	20.4

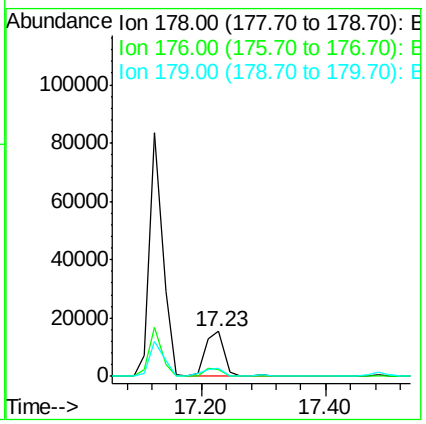




#13
Anthracene
Concen: 3.45 ng/ul
RT: 17.23 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:178 Resp: 32283

Ion	Ratio	Lower	Upper
178	100		
176	16.3	18.1	27.1#
179	18.0	14.7	22.1



Instrument :
BNA_M
ClientSampleId :
A4WD7

Manual Integrations APPROVED
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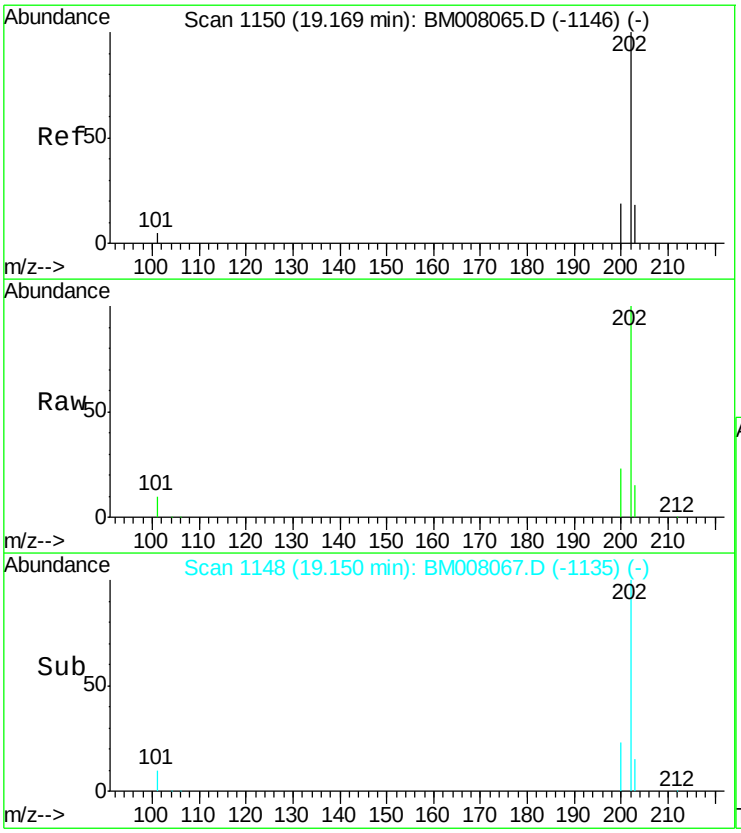
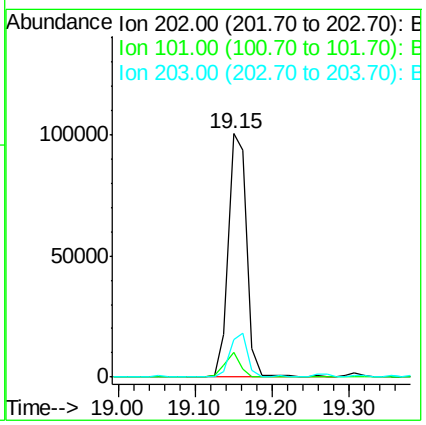
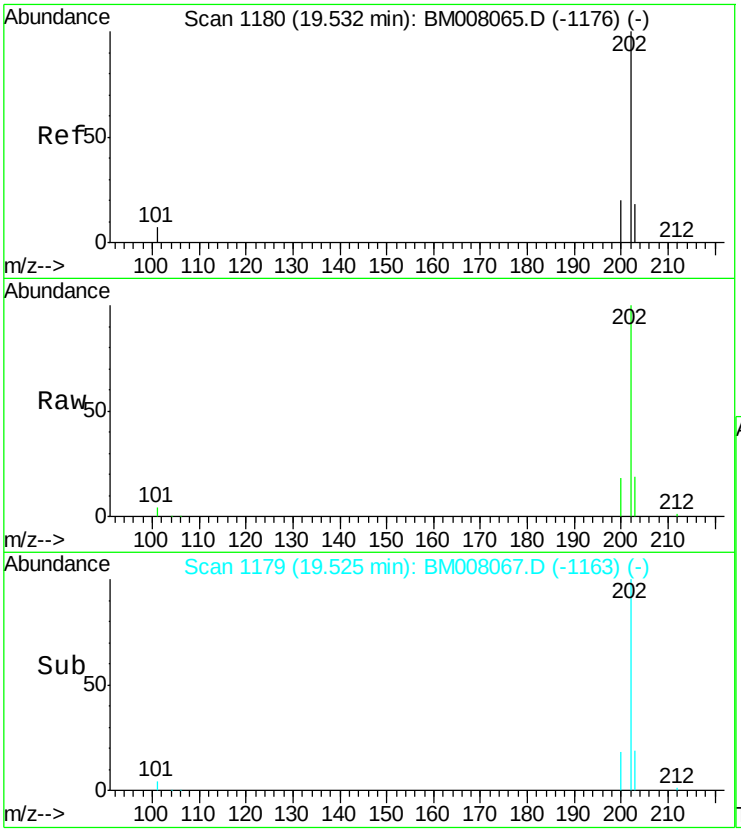


#15
Fluoranthene
Concen: 12.82 ng/ul
RT: 19.15 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:202 Resp: 164794

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.3
203	15.5	0.0	39.5

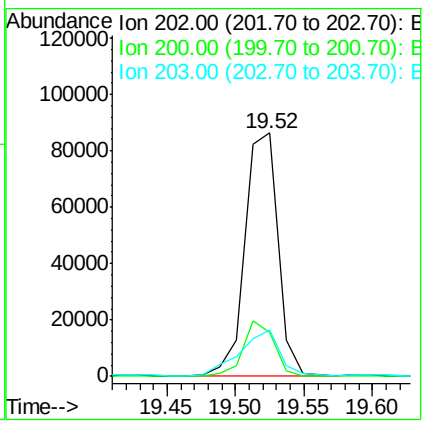




#17
Pyrene
Concen: 12.88 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:202 Resp: 144659

Ion	Ratio	Lower	Upper
202	100		
200	18.2	18.2	27.4#
203	19.1	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
A4WD7

Manual Integrations APPROVED
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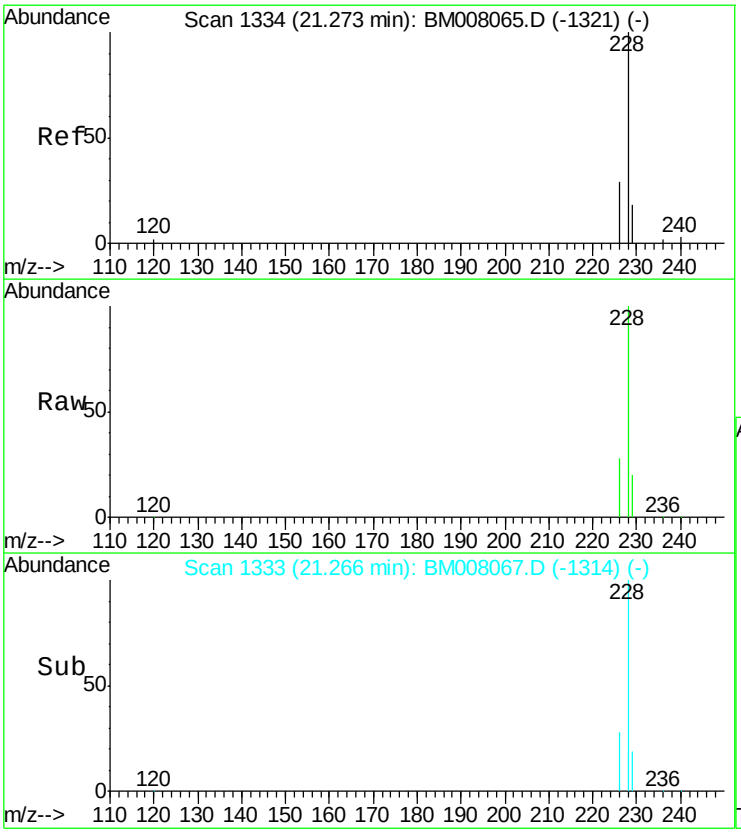
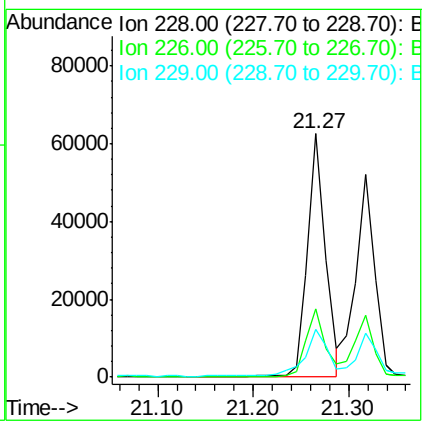
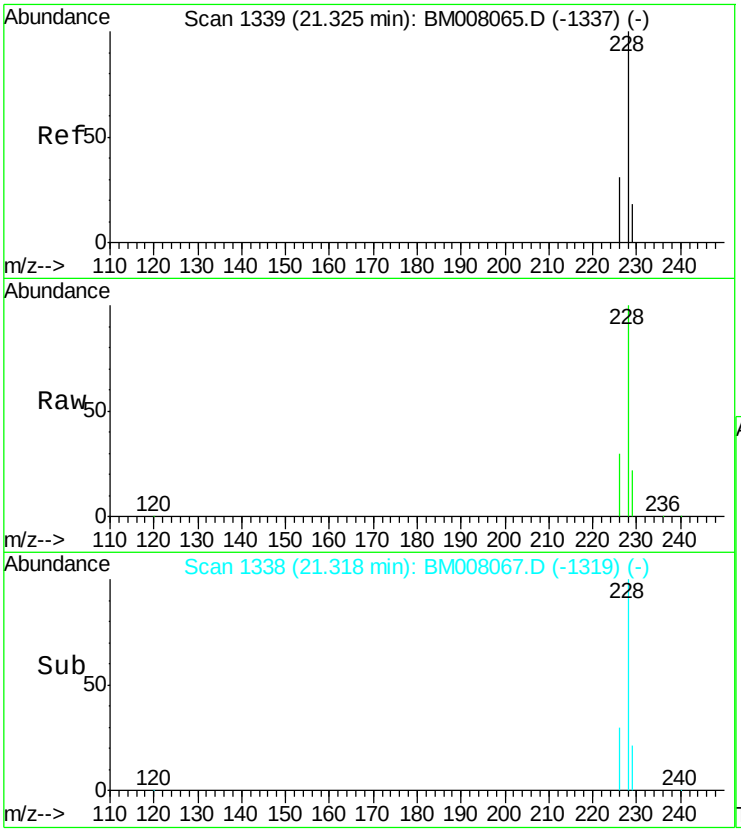


#18
Benzo(a)anthracene
Concen: 8.17 ng/ul
RT: 21.27 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:228 Resp: 81128

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.8	34.2
229	19.9	17.0	25.6

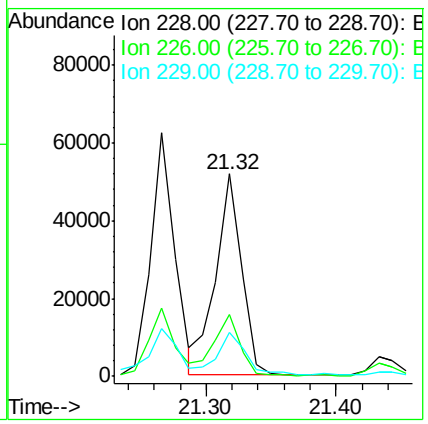




#19
Chrysene
Concen: 5.78 ng/ul
RT: 21.32 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:228 Resp: 71367

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.0
229	21.5	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
A4WD7

Manual Integrations APPROVED
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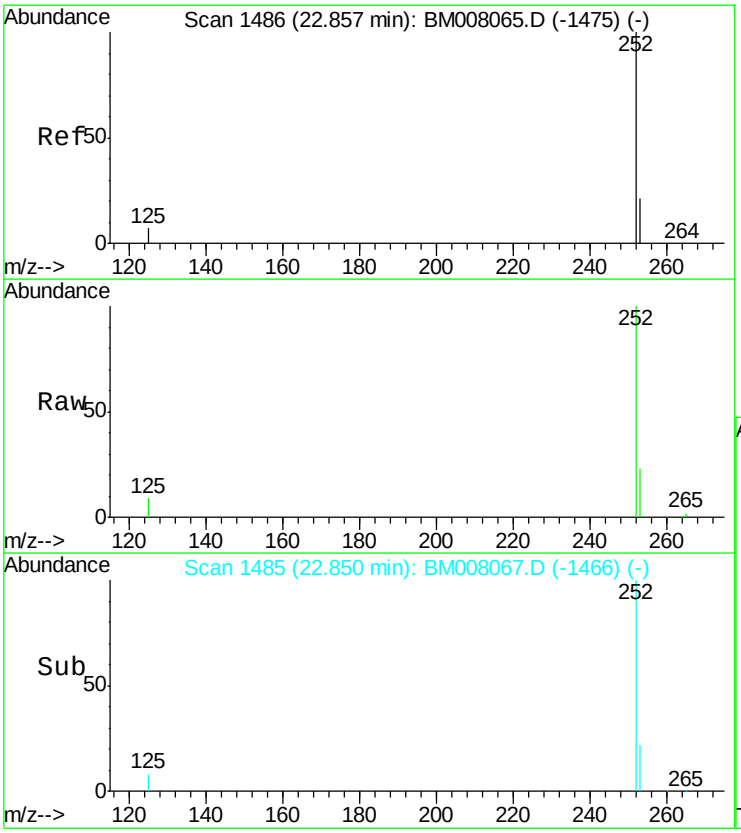
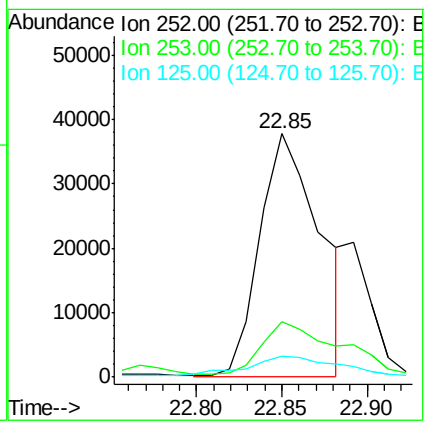
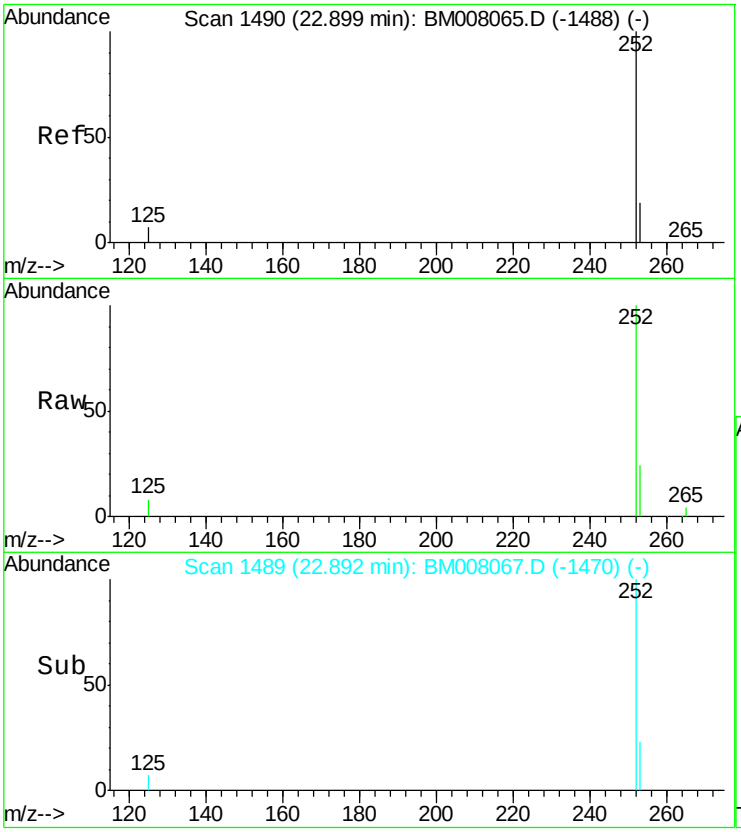


#21
Benzo(b)fluoranthene
Concen: 9.60 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:252 Resp: 92625

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	64.2
125	8.6	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 2.35 ng/ul m
RT: 22.89 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:252 Resp: 23377

Ion	Ratio	Lower	Upper
252	100		
253	24.5	24.5	36.7#
125	8.3	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
A4WD7

Manual Integrations APPROVED
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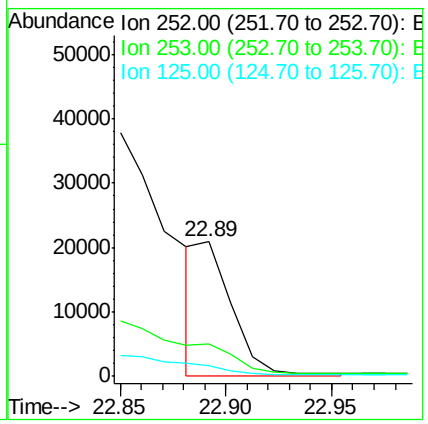
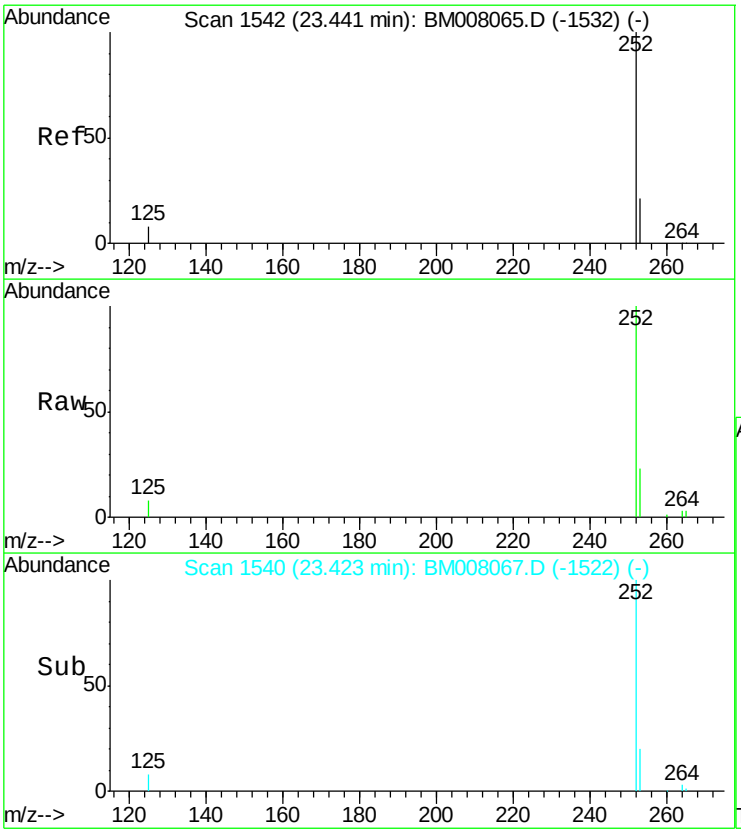
11/28/2016 5:30:01 PM

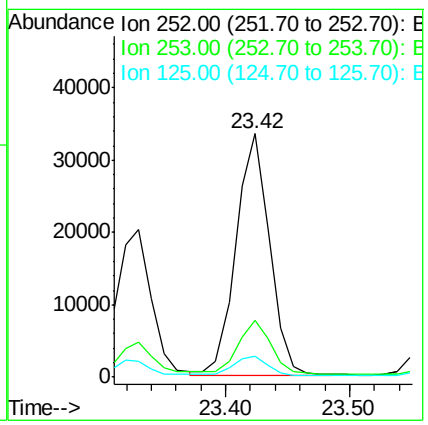


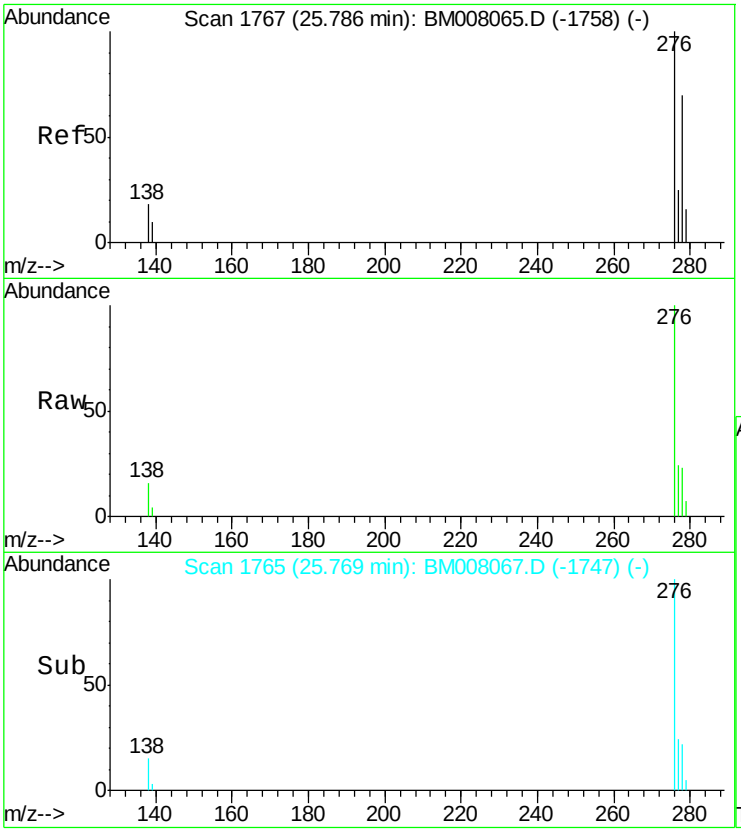


#23
Benzo(a)pyrene
Concen: 7.03 ng/ul m
RT: 23.42 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:252 Resp: 63529

Ion	Ratio	Lower	Upper
252	100		
253	23.2	28.5	42.7#
125	8.5	18.1	27.1#

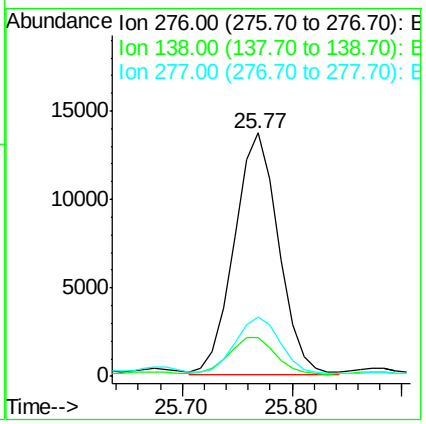




#24
Indeno(1,2,3-cd)pyrene
Concen: 3.41 ng/ul m
RT: 25.77 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:276 Resp: 38106

Ion	Ratio	Lower	Upper
276	100		
138	0.5	19.1	28.7#
277	1.2	19.6	29.4#



Instrument :
BNA_M
ClientSampleId :
A4WD7

Manual Integrations APPROVED
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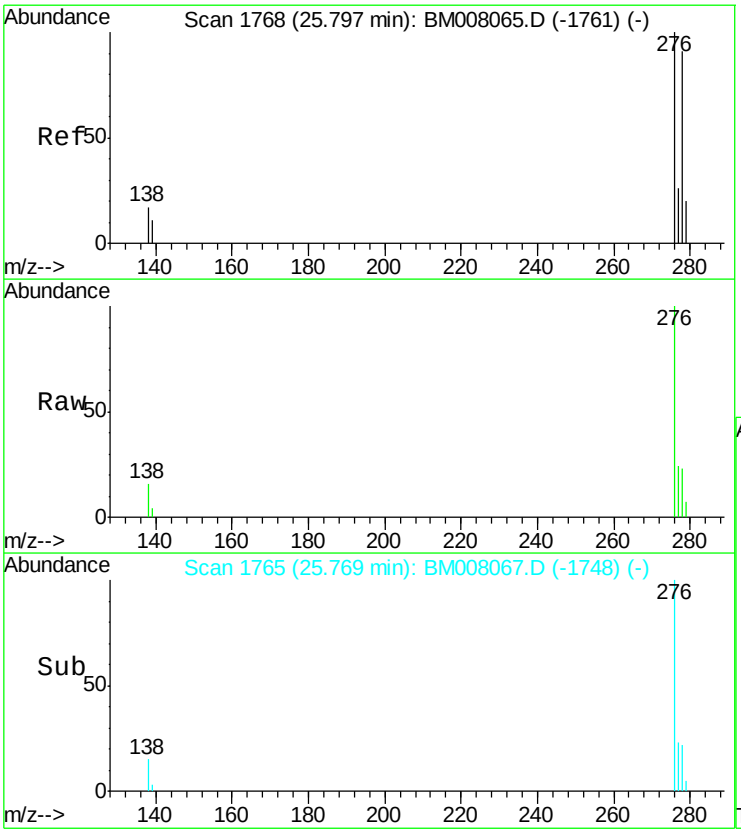
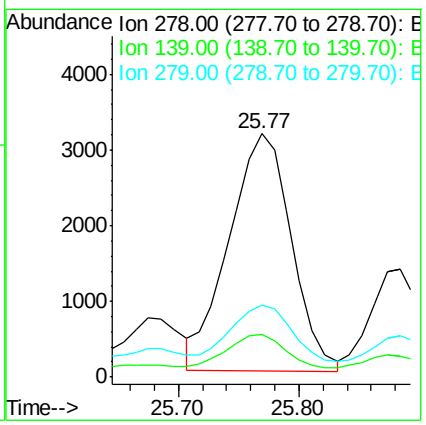
11/28/2016 5:30:01 PM

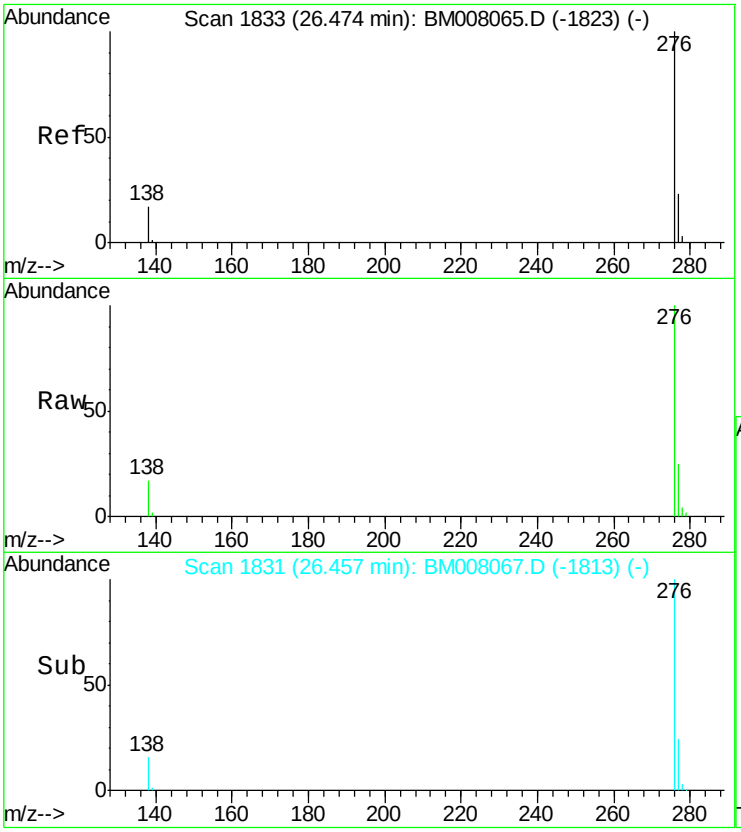


#25
Dibenzo(a,h)anthracene
Concen: 1.25 ng/ul m
RT: 25.77 min Scan# 1765
Delta R.T. -0.03 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:278 Resp: 11229

Ion	Ratio	Lower	Upper
278	100		
139	17.4	17.4	26.0
279	29.3	25.9	38.9

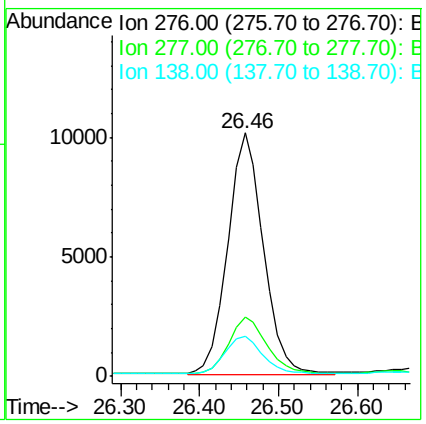




#26
Benzo(g,h,i)perylene
Concen: 3.22 ng/ul m
RT: 26.46 min Scan# 1831
Delta R.T. -0.02 min
Lab File: BM008067.D
Acq: 24 Nov 2016 10:55

Tgt Ion:276 Resp: 31887

Ion	Ratio	Lower	Upper
276	100		
277	24.6	21.8	32.8
138	16.6	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
A4WD7

Manual Integrations APPROVED
Umangi
11/28/2016 5:30:01 PM