Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
Data File : BM006334.D
Acq On : 08 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4TW2

Manual Integrations APPROVED
umangi
7/8/2016 7:14:14 PM

Quant Time: Jul 08 07:42:40 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 03:28:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5283	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	21274	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.28	164	12634	0.40	ng/ul	-0.02
12) Phenanthrene-d10	17.04	188	27392	0.40	ng/ul	0.00
18) Chrysene-d12	21.23	240	18147	0.40	ng/ul	0.00
22) Perylene-d12	23.44	264	14072m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	8047	3.60	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	6134	0.25	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	16792	0.29	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.46	128	5564	0.11	ng/ul#	93
7) 2-Methylnaphthalene	12.09	142	2788	0.08	ng/ul	97
9) Acenaphthylene	14.01	152	48061	1.13	ng/ul#	92
10) Acenaphthene	14.35	153	4270	0.10	ng/ul	90
11) Fluorene	15.34	166	13608	0.29	ng/ul	85
14) Phenanthrene	17.07	178	252927	3.34	ng/ul#	93
15) Anthracene	17.16	178	35103m	0.50	ng/ul	
17) Fluoranthene	19.10	202	548693	6.57	ng/ul	98
19) Pyrene	19.46	202	522227	6.87	ng/ul	98
20) Benzo(a)anthracene	21.21	228	201354	3.43	ng/ul#	87
21) Chrysene	21.27	228	210206	3.65	ng/ul#	91
23) Benzo(b)fluoranthene	22.79	252	226587m	4.50	ng/ul	
24) Benzo(k)fluoranthene	22.82	252	73181m	1.56	ng/ul	
25) Benzo(a)pyrene	23.35	252	158561m	3.38	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.65	276	119518m	2.30	ng/ul	
27) Dibenzo(a,h)anthracene	25.66	278	26886m	0.66	ng/ul	
28) Benzo(g,h,i)perylene	26.34	276	108766m	2.47	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
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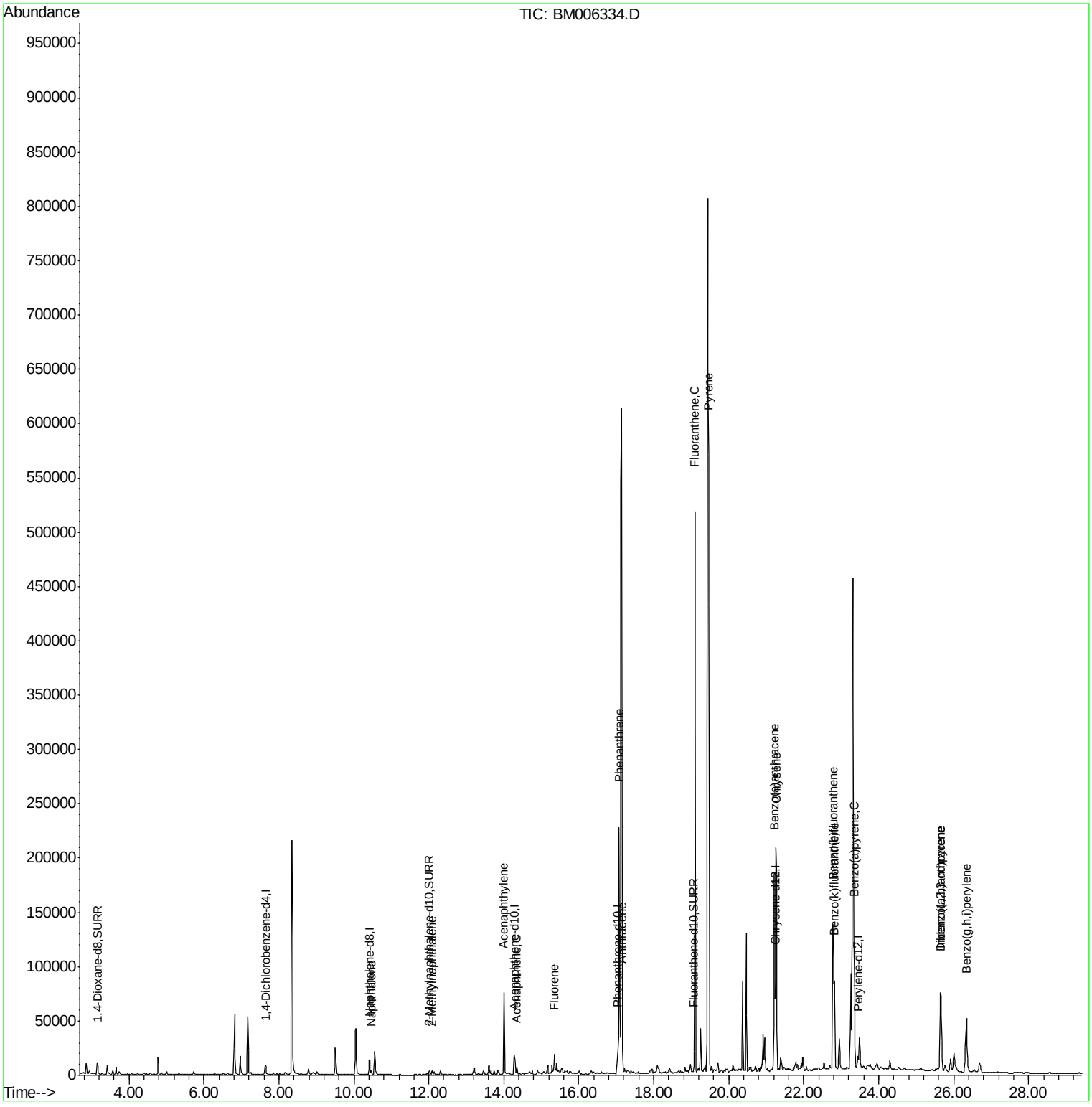
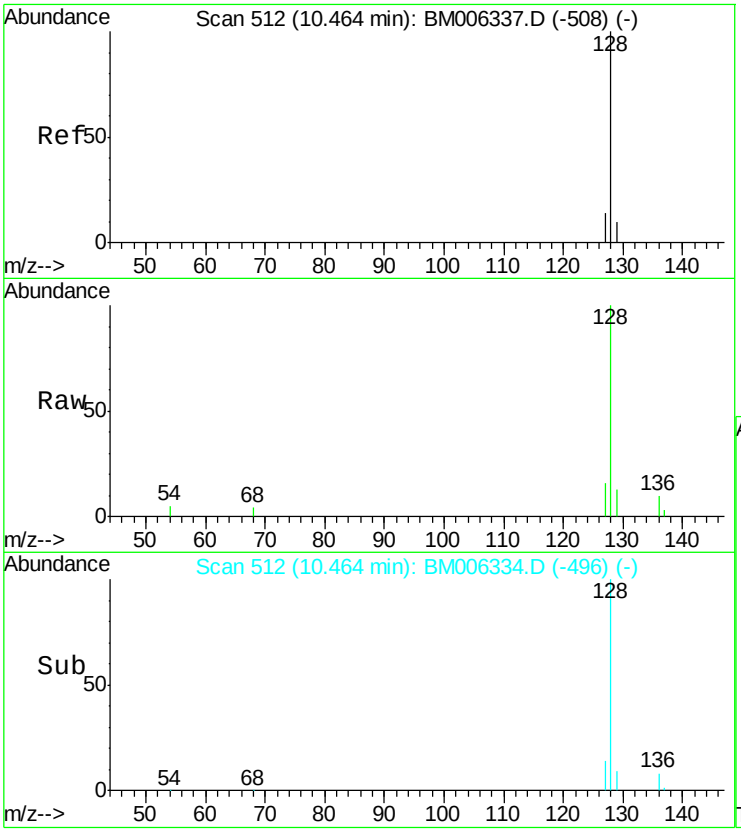
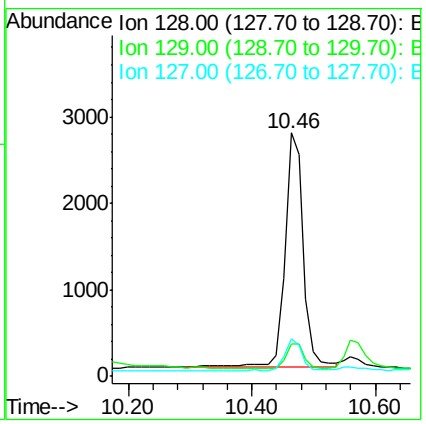




#5
Naphthalene
Concen: 0.11 ng/ul
RT: 10.46 min Scan# 512
Delta R.T. -0.01 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:128 Resp: 5564

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.0	13.6
127	15.6	9.6	14.4#



Instrument :
BNA_M
ClientSampleId :
A4TW2

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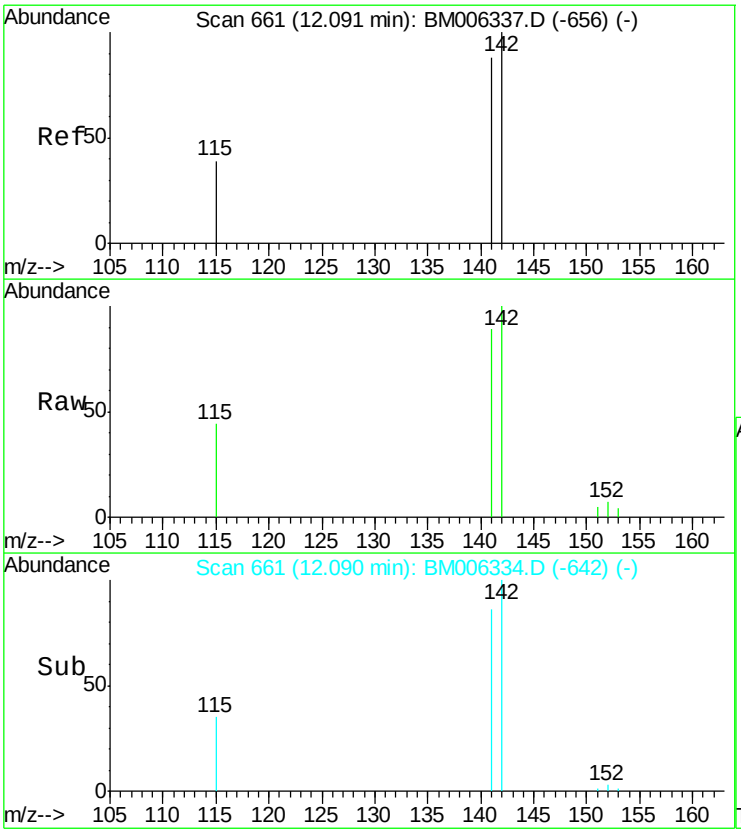
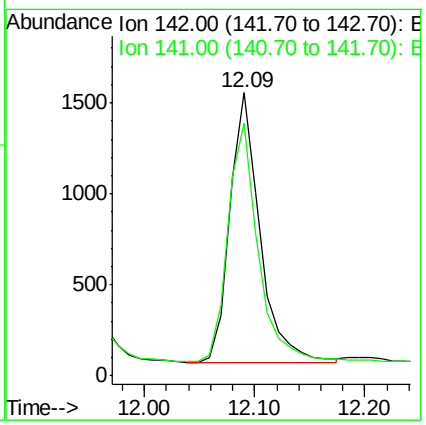
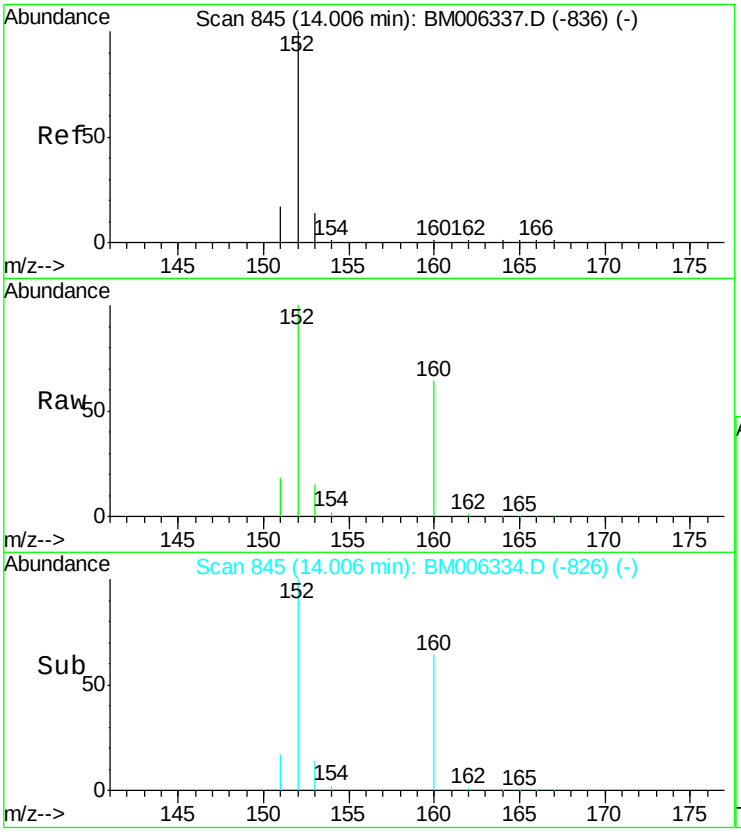


#7
2-Methylnaphthalene
Concen: 0.08 ng/ul
RT: 12.09 min Scan# 661
Delta R.T. -0.00 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:142 Resp: 2788

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.3	105.5

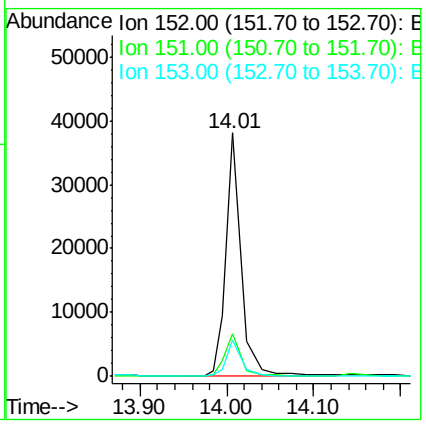




#9
Acenaphthylene
Concen: 1.13 ng/ul
RT: 14.01 min Scan# 845
Delta R.T. -0.00 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:152 Resp: 48061

Ion	Ratio	Lower	Upper
152	100		
151	17.7	17.6	26.4
153	14.7	9.7	14.5#



Instrument :
BNA_M
ClientSampleId :
A4TW2

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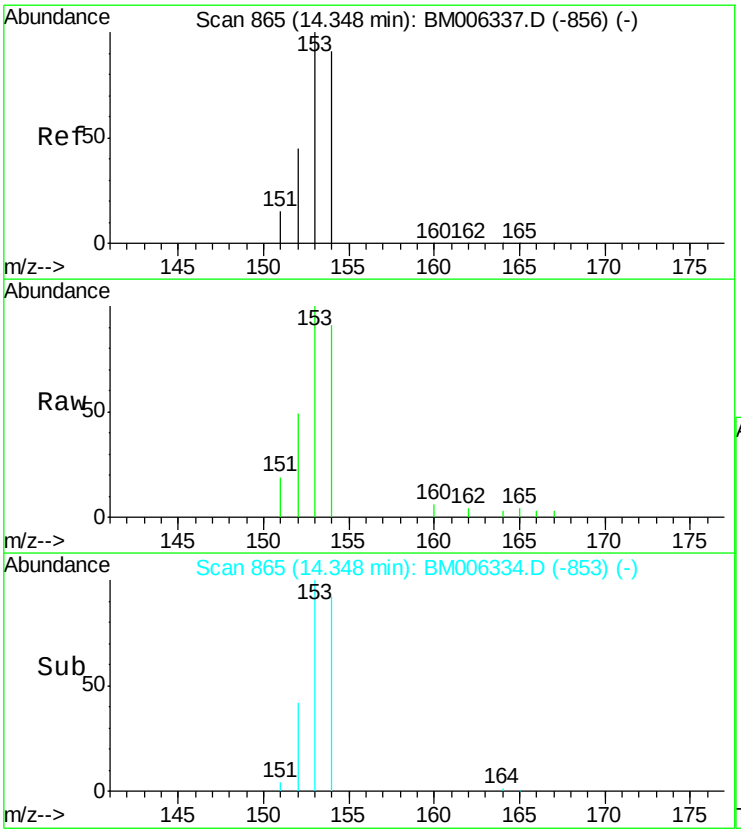
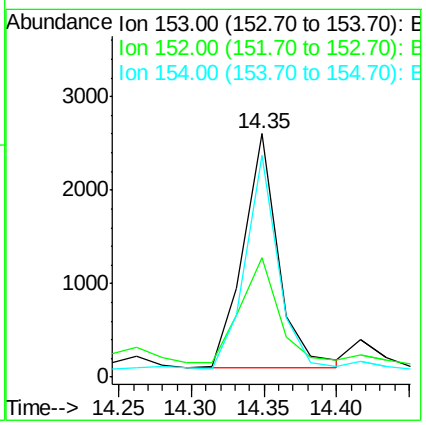
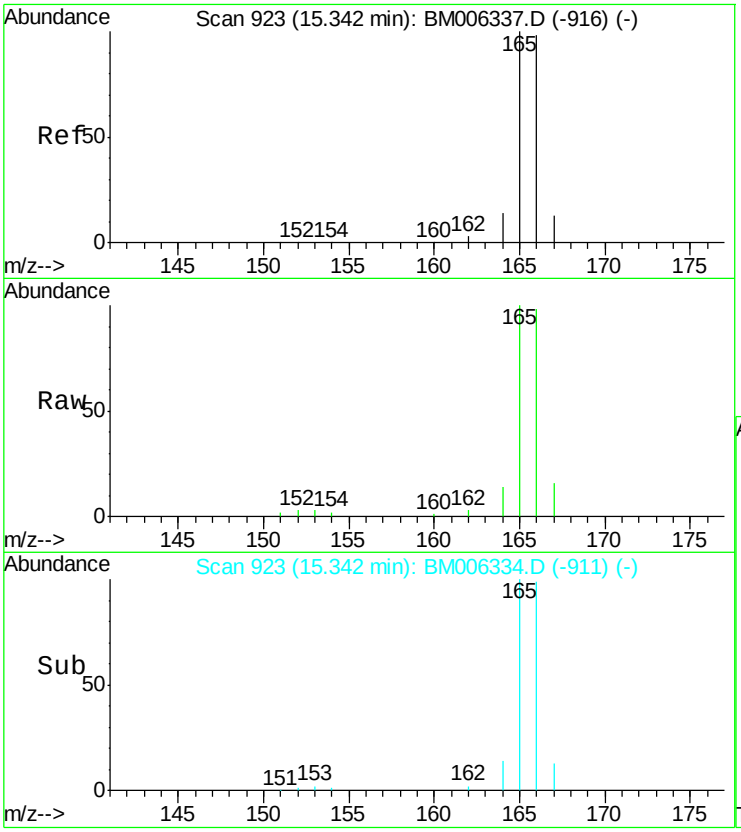


#10
Acenaphthene
Concen: 0.10 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.00 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:153 Resp: 4270

Ion	Ratio	Lower	Upper
153	100		
152	49.1	33.9	50.9
154	91.1	80.6	121.0

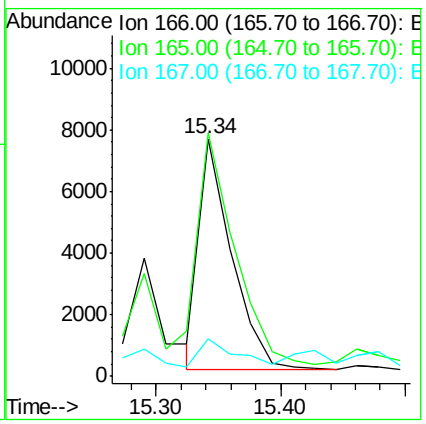




#11
Fluorene
Concen: 0.29 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.00 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:166 Resp: 13608

Ion	Ratio	Lower	Upper
166	100		
165	102.4	69.6	104.4
167	16.0	11.9	17.9



Instrument :
BNA_M
ClientSampleId :
A4TW2

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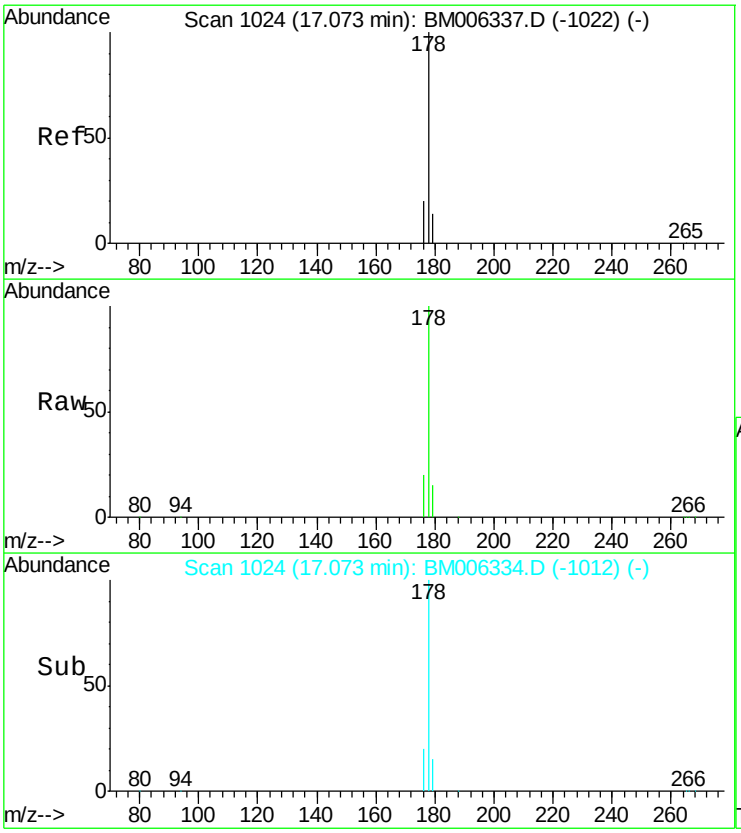
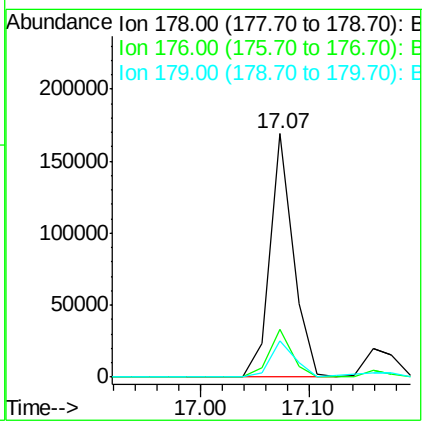
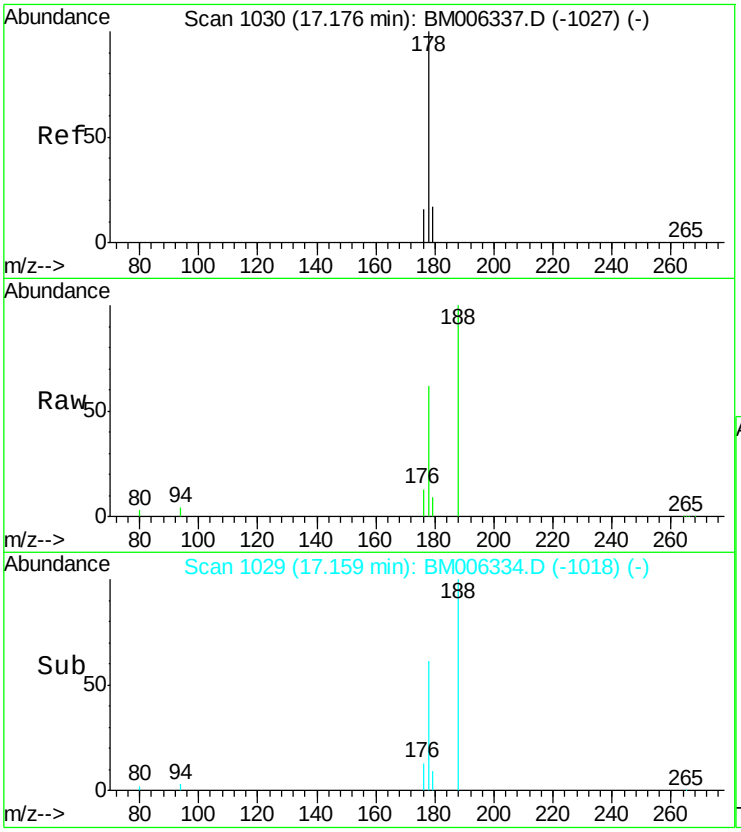


#14
Phenanthrene
Concen: 3.34 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:178 Resp: 252927

Ion	Ratio	Lower	Upper
178	100		
176	19.7	13.0	19.4#
179	15.0	14.2	21.2





#15
Anthracene
Concen: 0.50 ng/ul m
RT: 17.16 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:178 Resp: 35103

Ion	Ratio	Lower	Upper
178	100		
176	21.5	14.0	21.0#
179	15.2	12.9	19.3

Instrument :
BNA_M
ClientSampleId :
A4TW2

Manual Integrations
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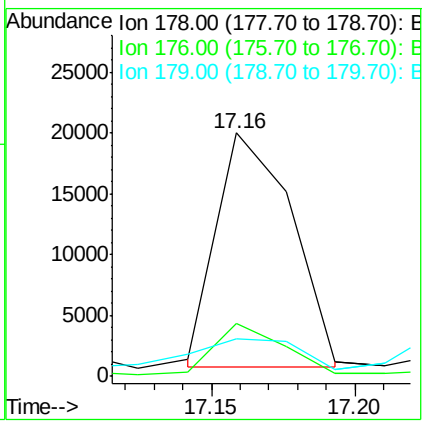
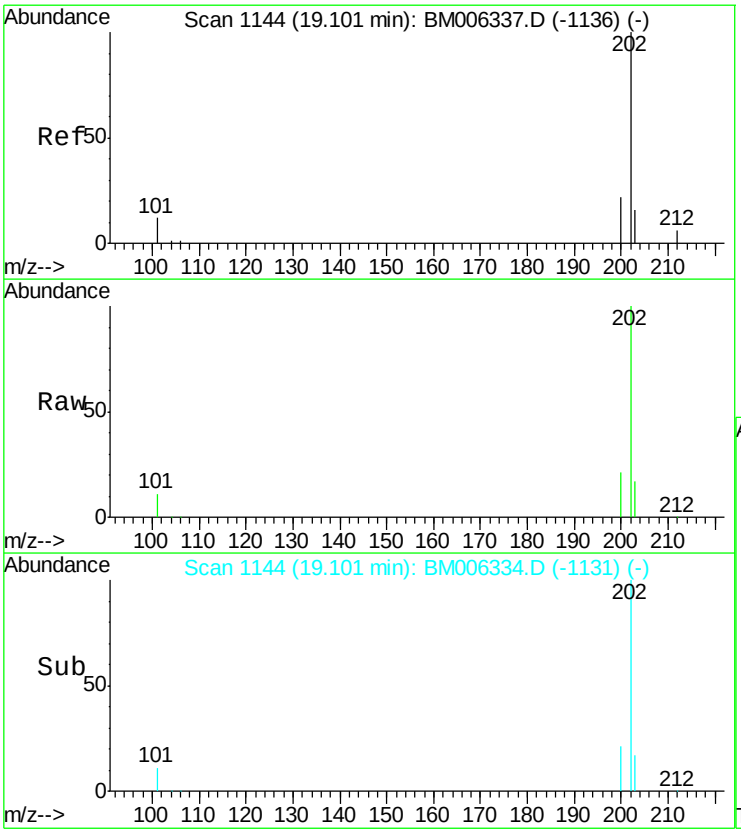
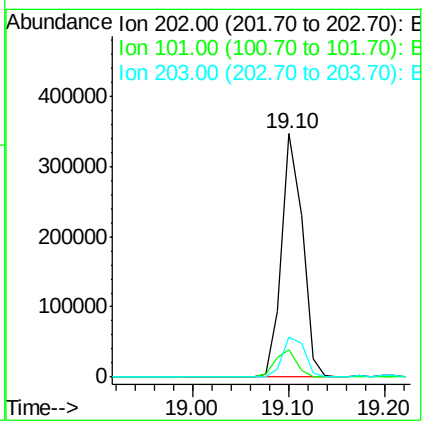


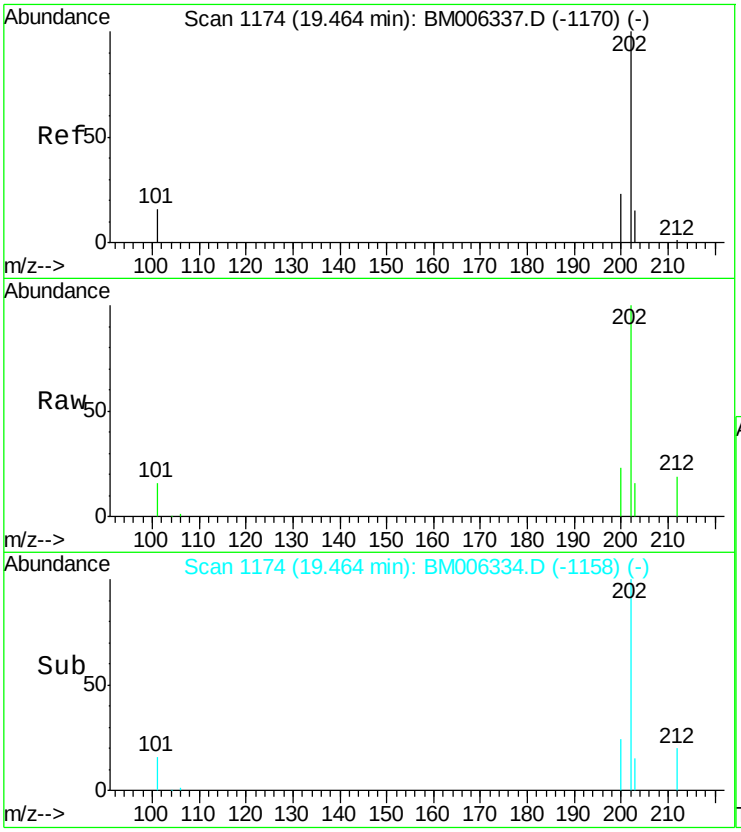


#17
Fluoranthene
Concen: 6.57 ng/ul
RT: 19.10 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:202 Resp: 548693

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	29.6
203	16.5	0.0	36.3





#19
Pyrene
Concen: 6.87 ng/ul
RT: 19.46 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:202 Resp: 522227

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.8	26.8
203	15.7	12.8	19.2

Instrument :
BNA_M
ClientSampleId :
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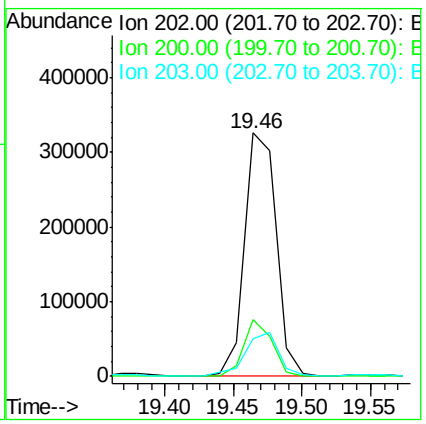
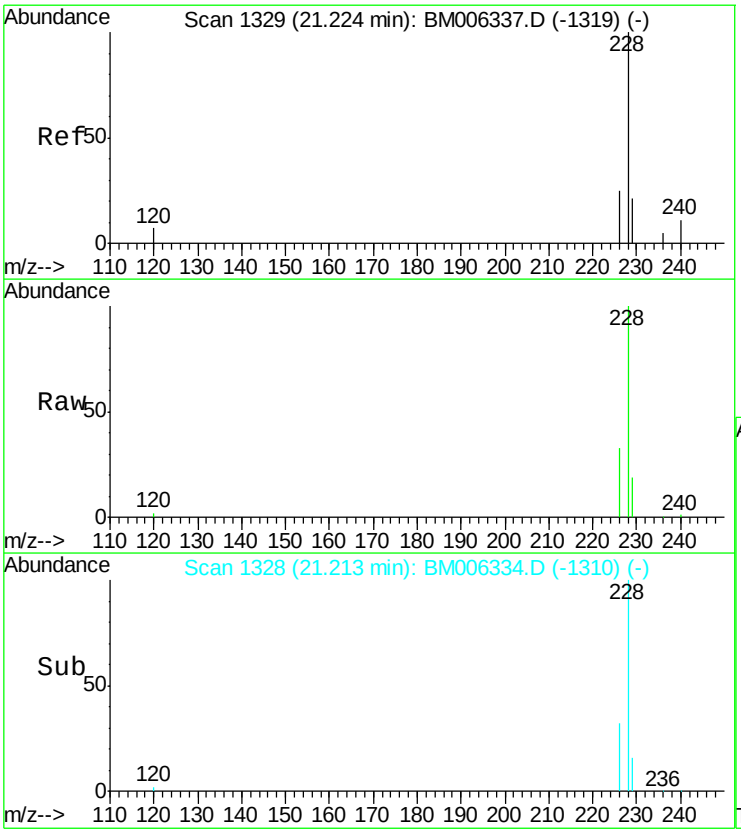
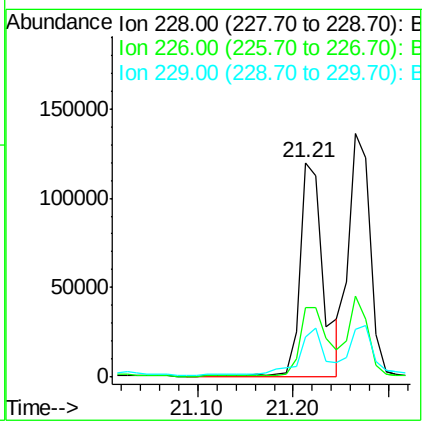


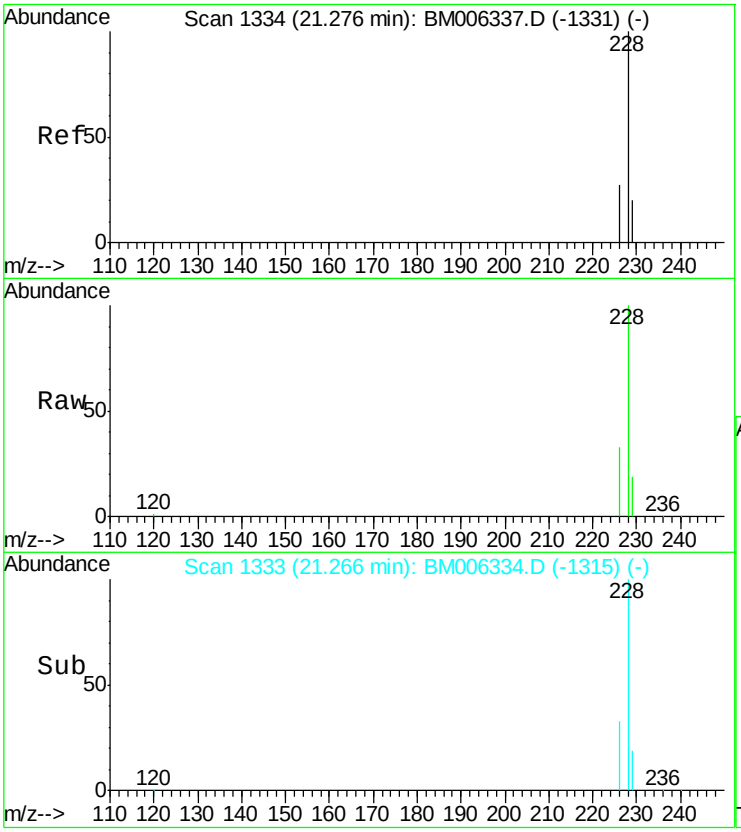


#20
Benzo(a)anthracene
Concen: 3.43 ng/ul
RT: 21.21 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:228 Resp: 201354

Ion	Ratio	Lower	Upper
228	100		
226	32.6	18.8	28.2#
229	18.5	17.1	25.7





#21
Chrysene
Concen: 3.65 ng/ul
RT: 21.27 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:228 Resp: 210206

Ion	Ratio	Lower	Upper
228	100		
226	33.4	21.2	31.8#
229	19.5	17.0	25.6

Instrument :
BNA_M
ClientSampleId :
A4TW2

Manual Integrations
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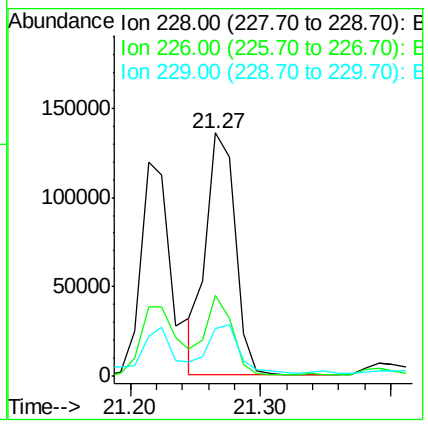
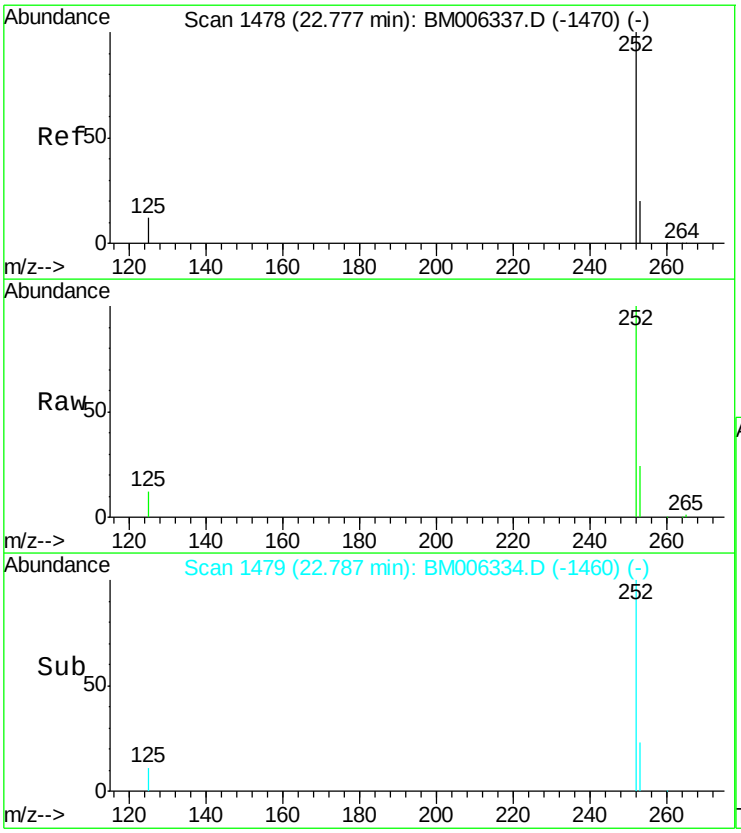
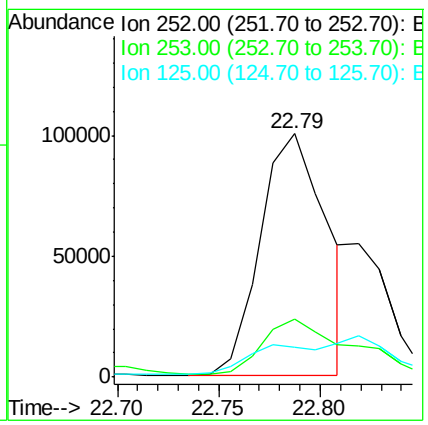


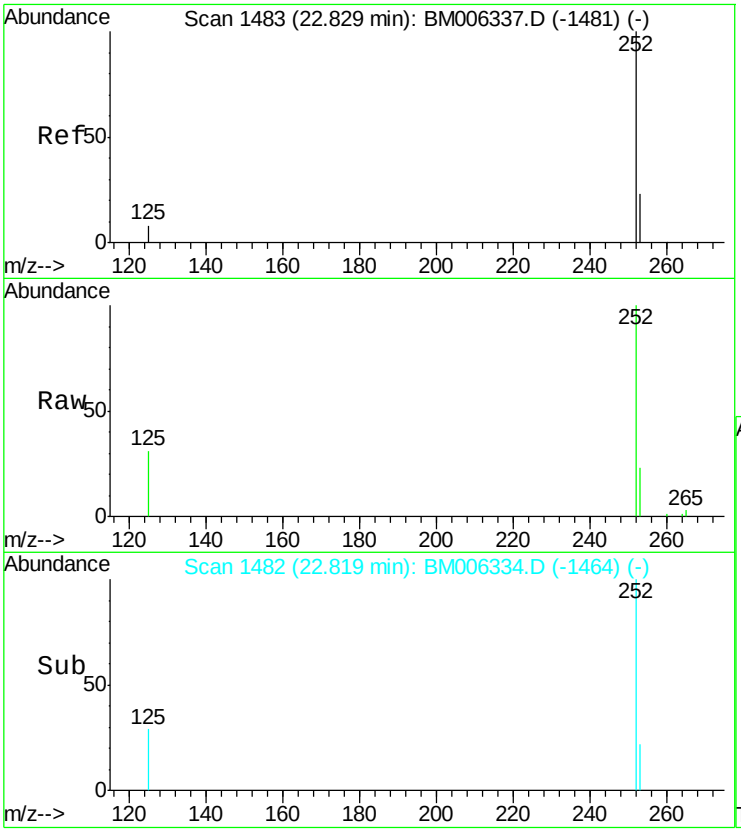


#23
Benzo(b)fluoranthene
Concen: 4.50 ng/ul m
RT: 22.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:252 Resp: 226587

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	45.4
125	12.3	0.0	28.8





#24
Benzo(k)fluoranthene
Concen: 1.56 ng/ul m
RT: 22.82 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:252 Resp: 73181

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.8	29.8
125	31.1	10.4	15.6#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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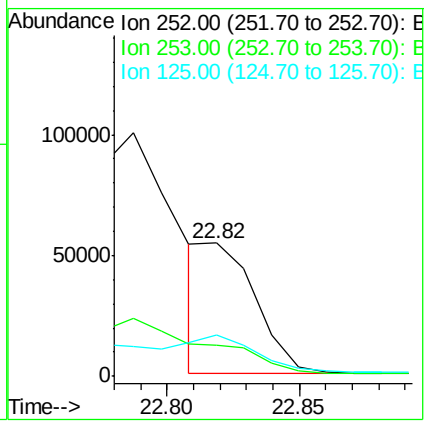
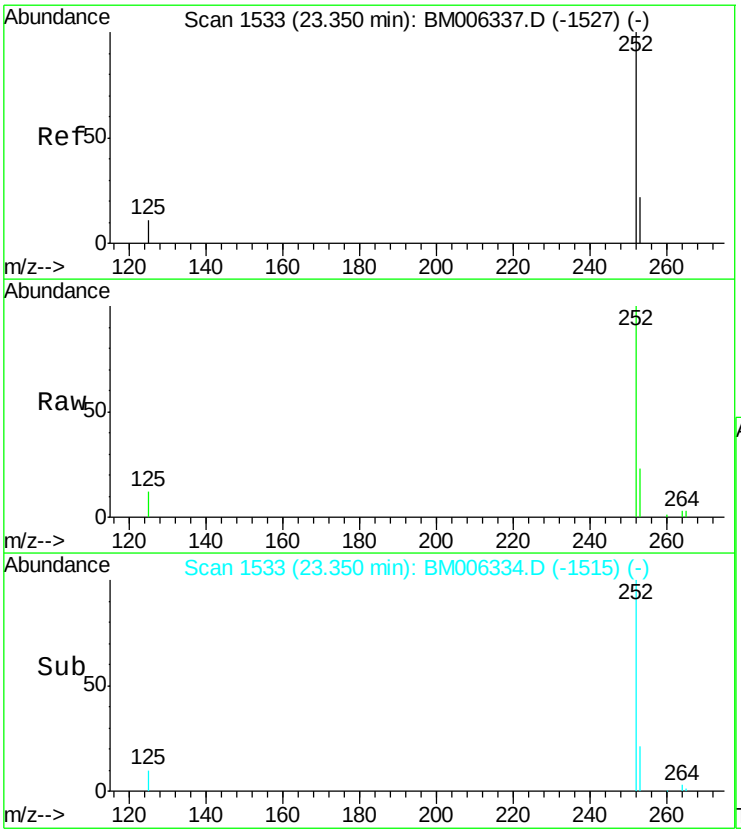
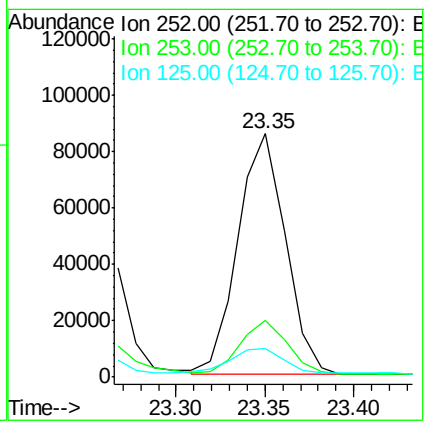


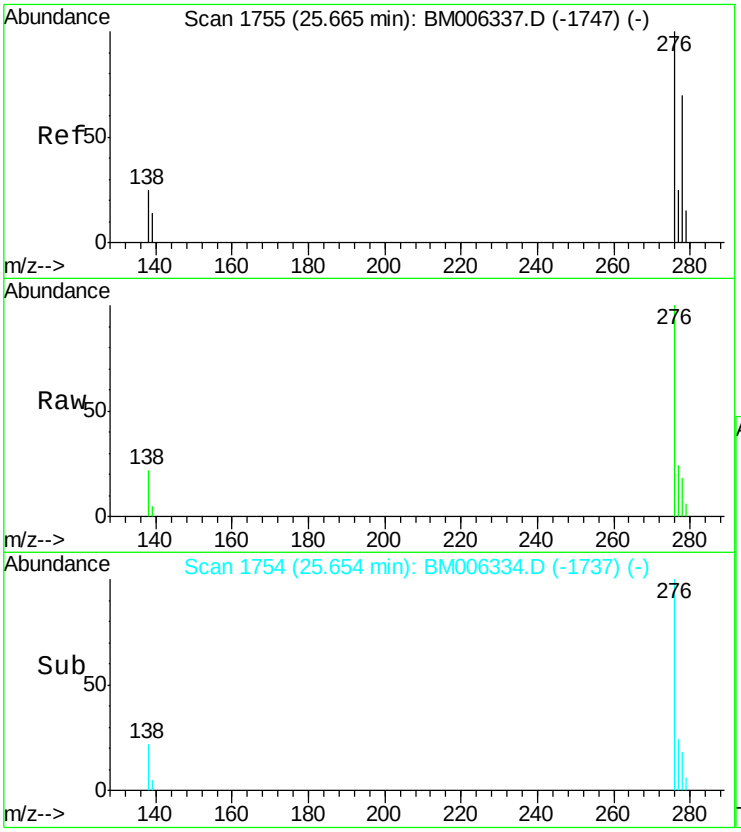


#25
Benzo(a)pyrene
Concen: 3.38 ng/ul m
RT: 23.35 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:252 Resp: 158561

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.4	29.2
125	11.9	12.7	19.1#

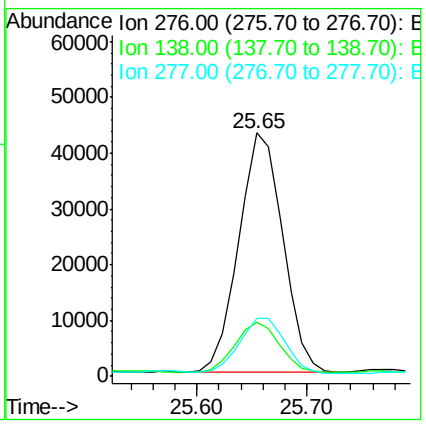




#26
Indeno(1,2,3-cd)pyrene
Concen: 2.30 ng/ul m
RT: 25.65 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:276 Resp: 119518

Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.3	24.5
277	19.9	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
A4TW2

Manual Integrations
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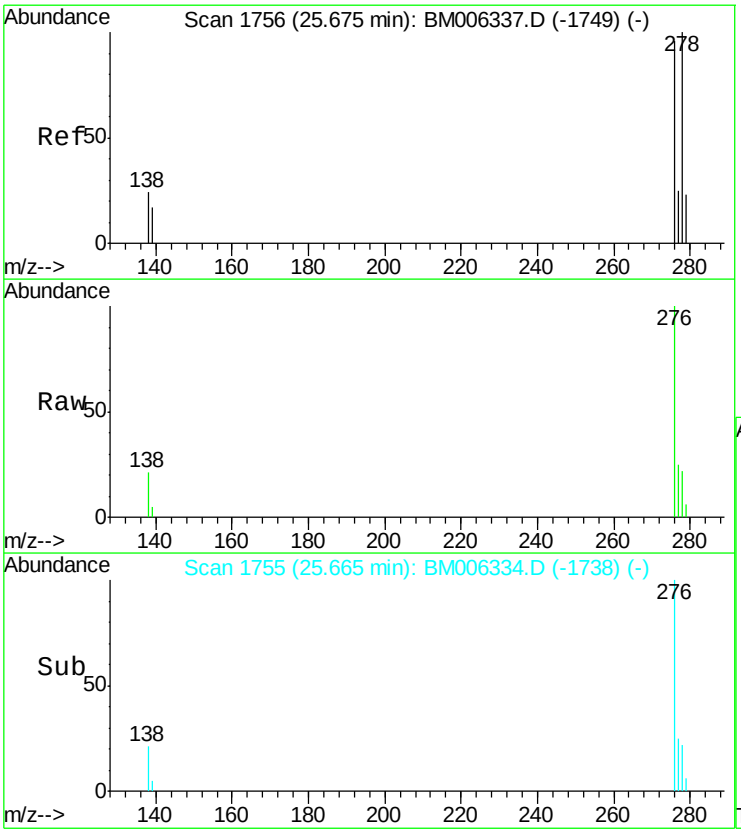
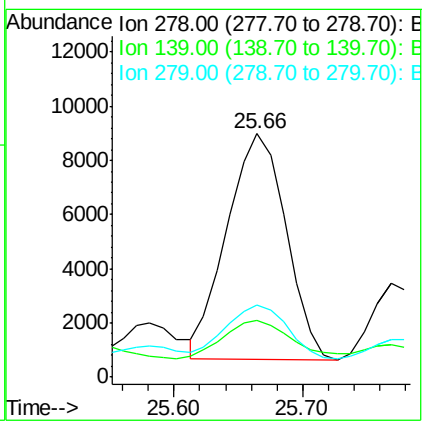
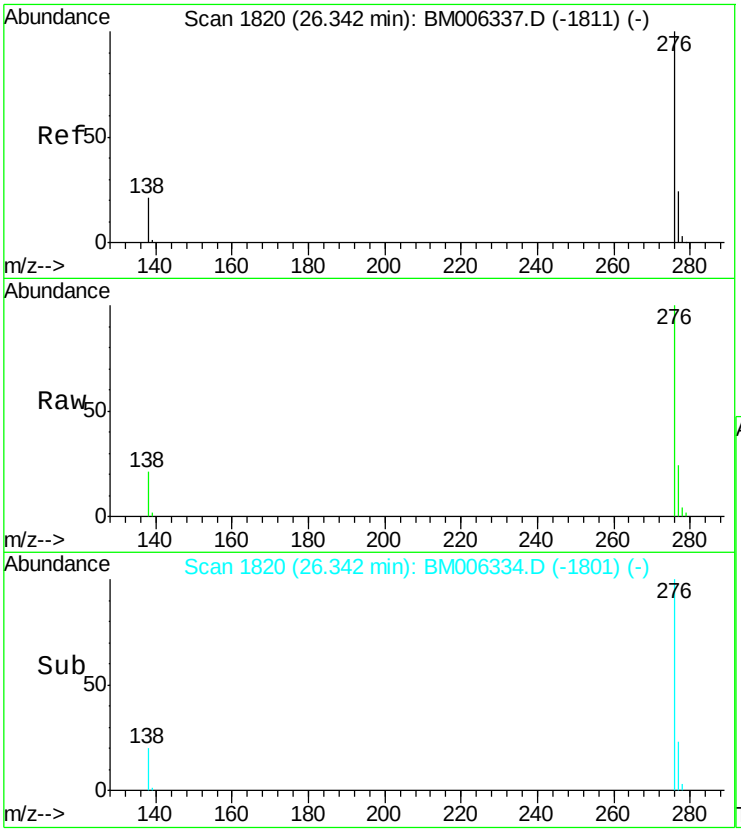


#27
Dibenzo(a,h)anthracene
Concen: 0.66 ng/ul m
RT: 25.66 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:278 Resp: 26886

Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.4	24.6
279	29.4	20.2	30.2

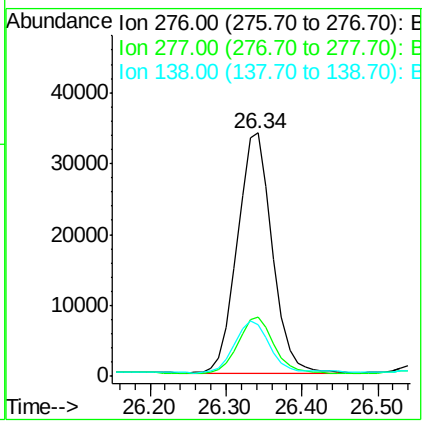




#28
Benzo(g,h,i)perylene
Concen: 2.47 ng/ul m
RT: 26.34 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BM006334.D
Acq: 08 Jul 2016 00:07

Tgt Ion:276 Resp: 108766

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	21.3	22.5	33.7#



Instrument :
BNA_M
ClientSampleId :
A4TW2

Manual Integrations

APPROVED
umangi
7/8/2016 7:14:14 PM