Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
Data File : BM008565.D
Acq On : 22 Dec 2016 20:50
Operator : UM/SJ
Sample : H5938-11DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA831DL

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Quant Time: Dec 23 10:32:57 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:50:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	441	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.42	136	1454m	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.28	164	993m	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1745m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.26	240	1523m	0.40	ng/ul	-0.02
20) Perylene-d12	23.49	264	1333m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	230m	0.10	ng/ul	-0.08
14) Fluoranthene-d10	19.09	212	390m	0.08	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.46	128	28822	7.05	ng/ul	94
5) 2-Methylnaphthalene	12.08	142	34138	12.40	ng/ul	99
8) Acenaphthene	14.35	153	1818m	0.54	ng/ul	
9) Fluorene	15.34	166	4683m	1.21	ng/ul	
12) Phenanthrene	17.07	178	2387m	0.45	ng/ul	
15) Fluoranthene	19.11	202	375m	0.06	ng/ul	
17) Pyrene	19.48	202	547m	0.09	ng/ul	

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

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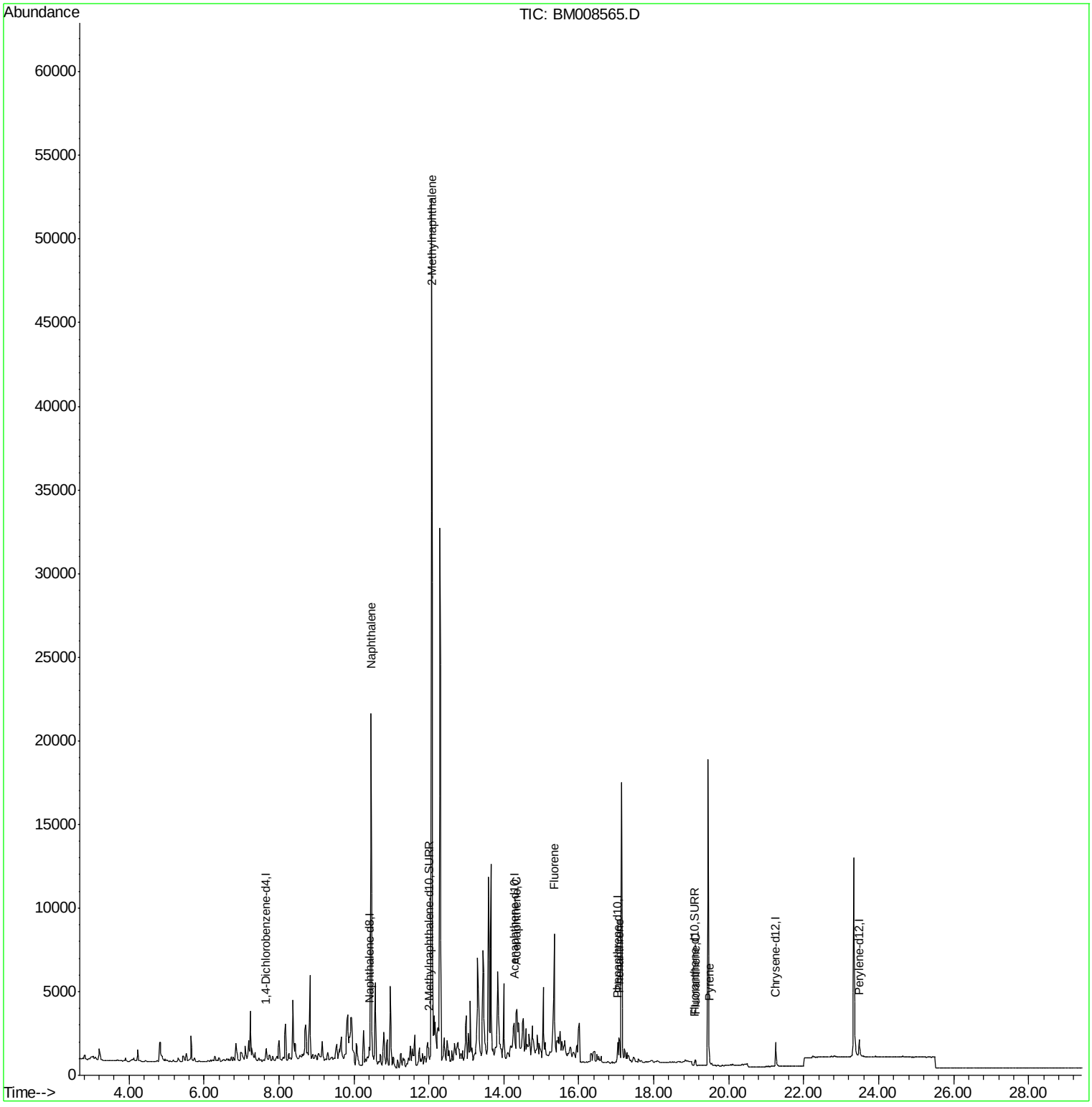
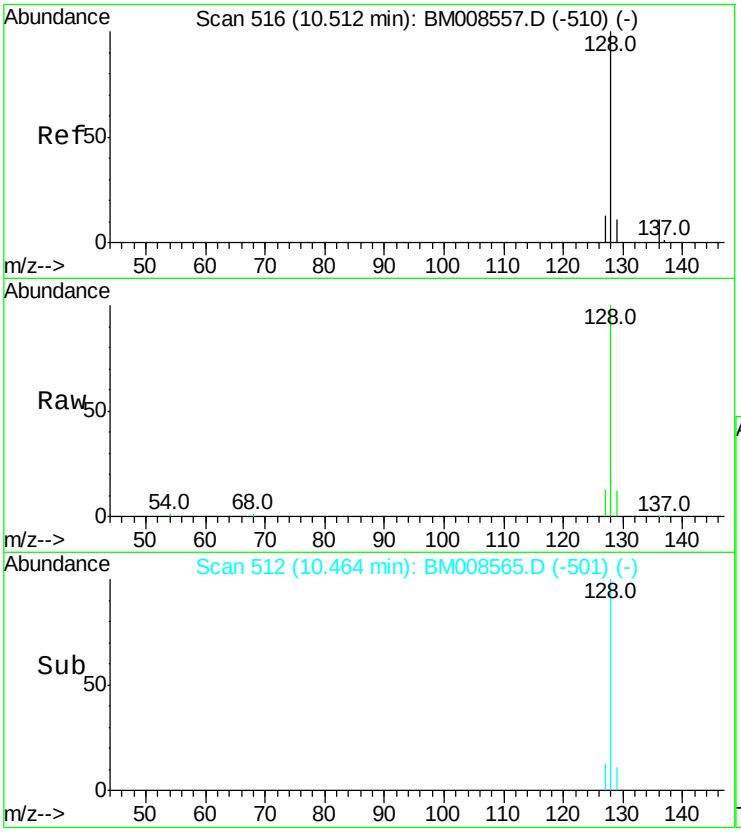
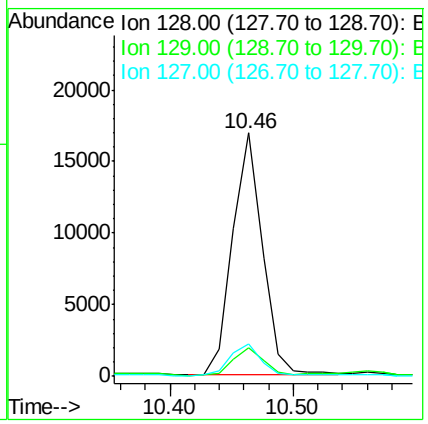




#3
Naphthalene
Concen: 7.05 ng/ul
RT: 10.46 min Scan# 512
Delta R.T. -0.07 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Tgt Ion:128 Resp: 28822

Ion	Ratio	Lower	Upper
128	100		
129	11.9	11.3	16.9
127	13.2	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA831DL

Manual Integrations APPROVED
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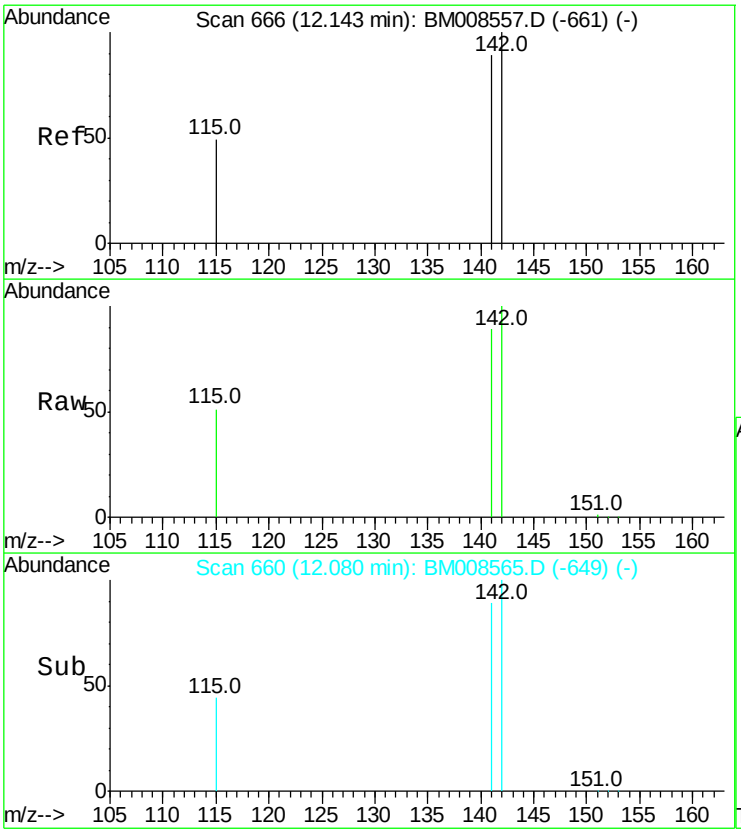
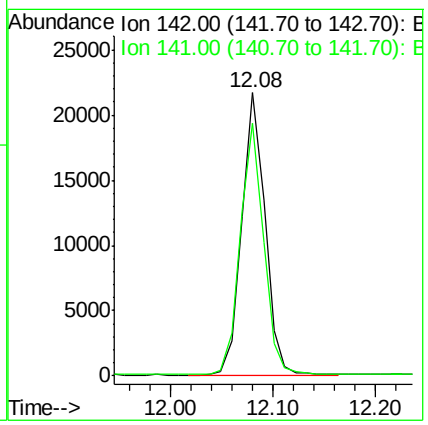
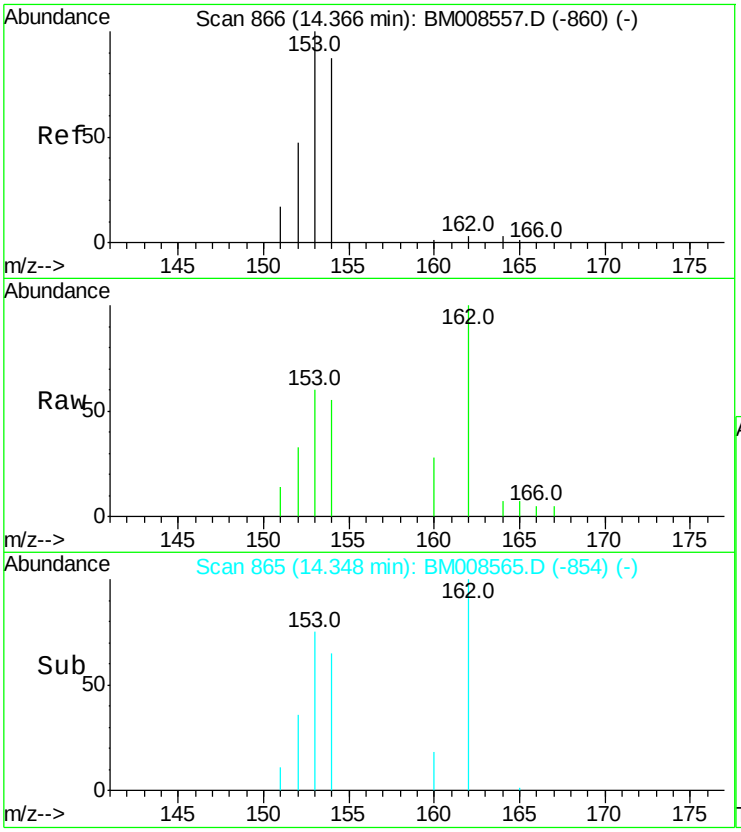


#5
2-Methylnaphthalene
Concen: 12.40 ng/ul
RT: 12.08 min Scan# 660
Delta R.T. -0.08 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Tgt Ion:142 Resp: 34138

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8

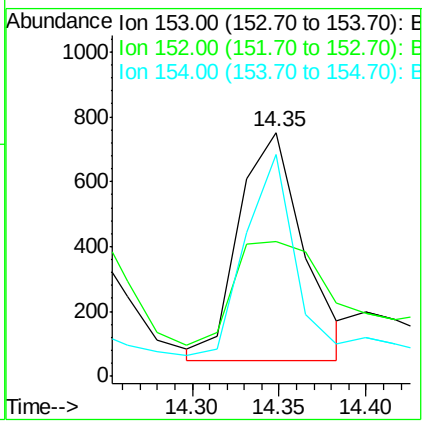




#8
Acenaphthene
Concen: 0.54 ng/ul m
RT: 14.35 min Scan# 865
Delta R.T. -0.02 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Tgt Ion:153 Resp: 1818

Ion	Ratio	Lower	Upper
153	100		
152	55.3	40.3	60.5
154	90.9	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
DA831DL

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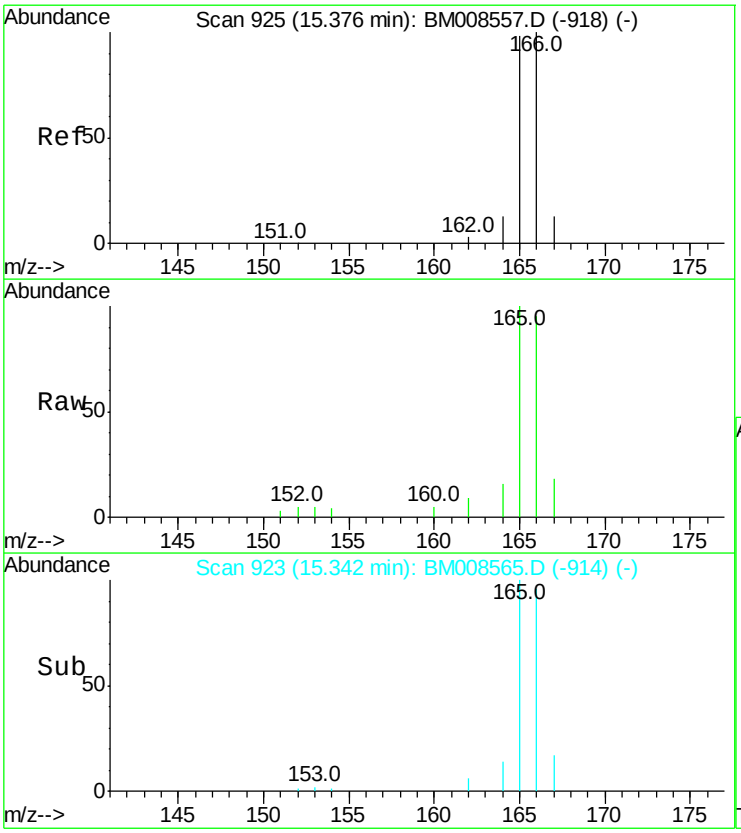
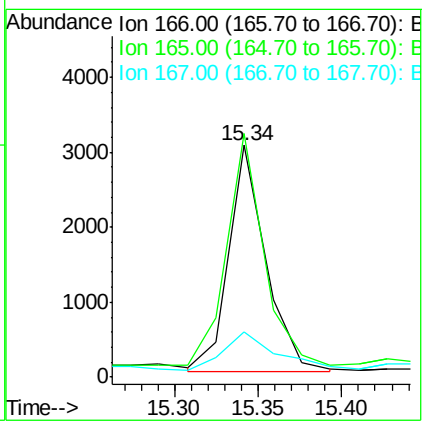
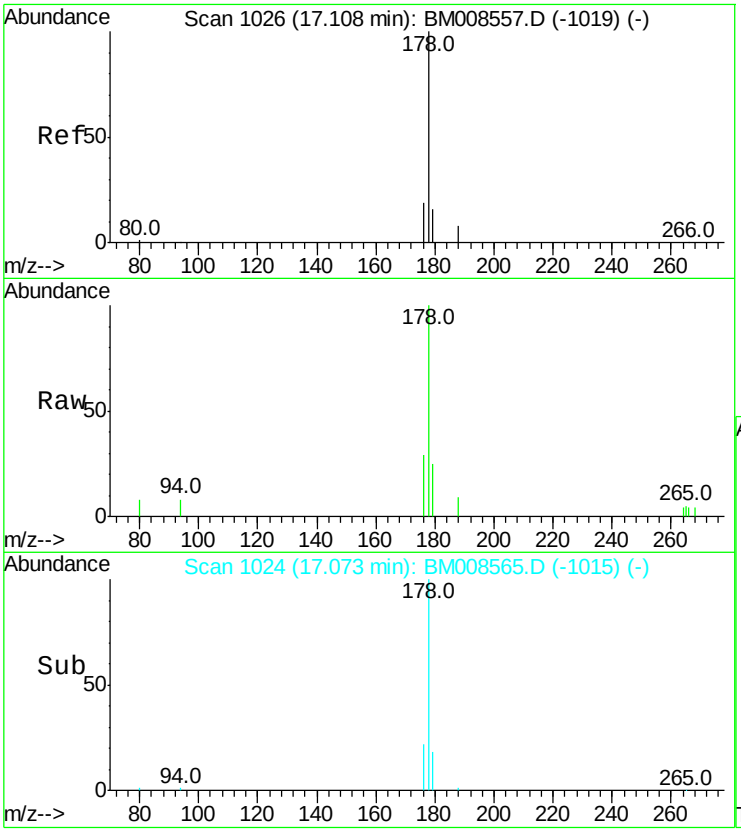


#9
Fluorene
Concen: 1.21 ng/ul m
RT: 15.34 min Scan# 923
Delta R.T. -0.05 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Tgt Ion:166 Resp: 4683

Ion	Ratio	Lower	Upper
166	100		
165	105.0	73.4	110.2
167	19.3	14.6	22.0





#12
Phenanthrene
Concen: 0.45 ng/ul m
RT: 17.07 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Tgt Ion:178 Resp: 2387

Ion	Ratio	Lower	Upper
178	100		
176	28.5	18.4	27.6#
179	25.3	13.6	20.4#

Instrument :
BNA_M
ClientSampleId :
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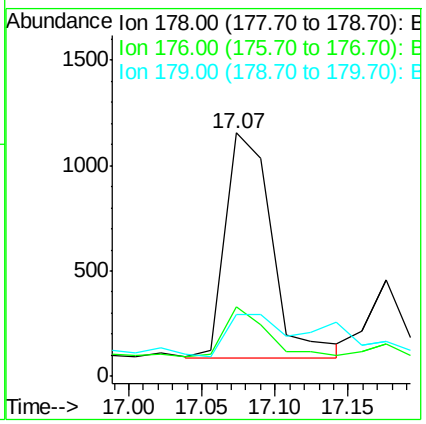
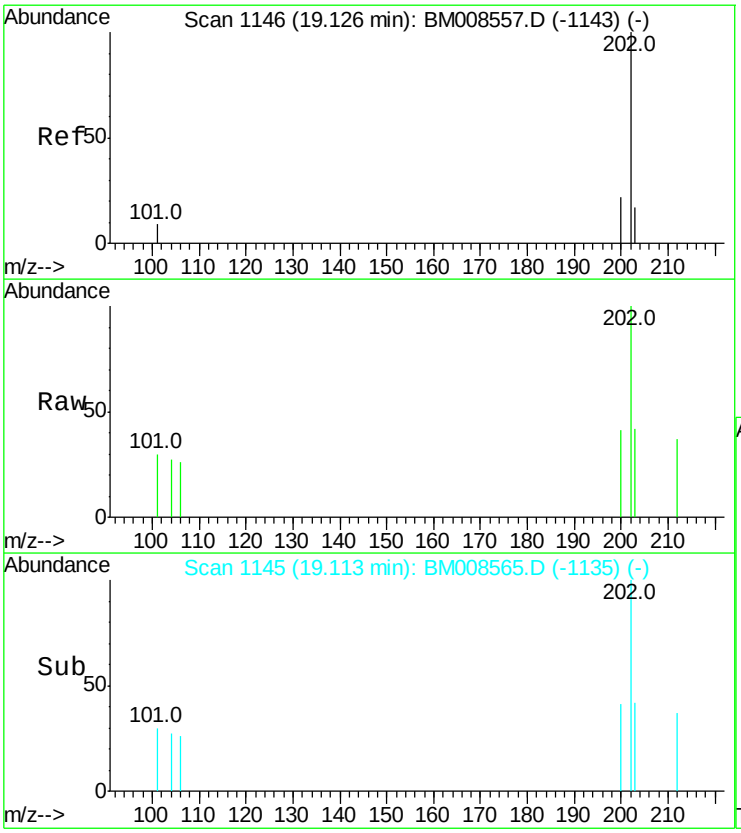
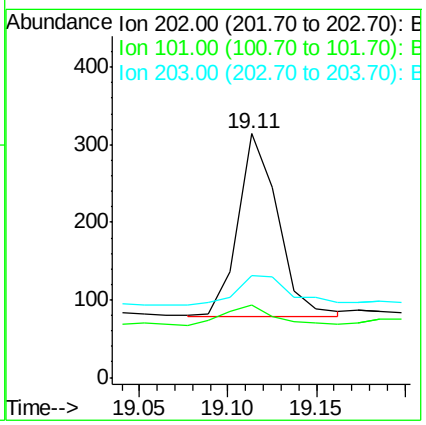


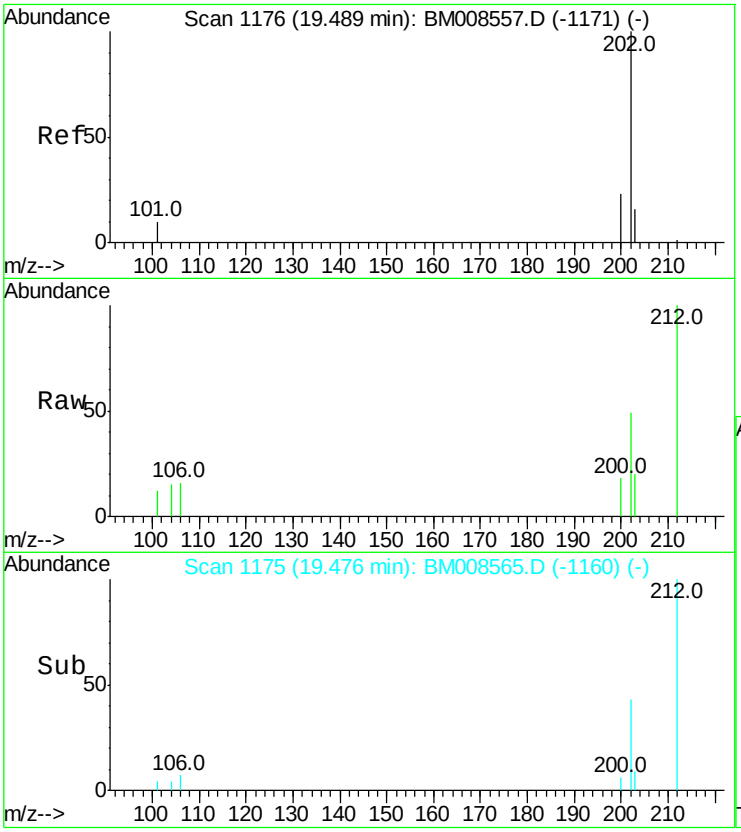


#15
Fluoranthene
Concen: 0.06 ng/ul m
RT: 19.11 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Tgt Ion:202 Resp: 375

Ion	Ratio	Lower	Upper
202	100		
101	29.6	0.0	30.3
203	42.0	0.0	39.5#

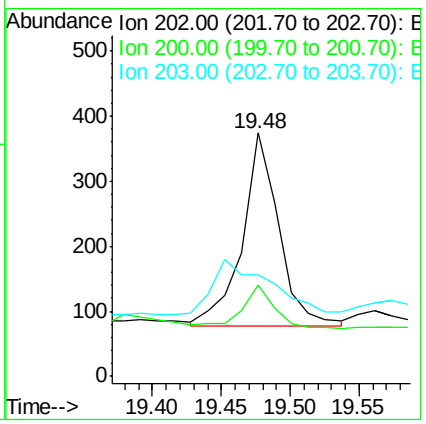




#17
Pyrene
Concen: 0.09 ng/ul m
RT: 19.48 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Tgt Ion:202 Resp: 547

Ion	Ratio	Lower	Upper
202	100		
200	37.4	18.2	27.4#
203	42.0	15.6	23.4#



Instrument :
BNA_M
ClientSampleId :
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