Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
Data File : BM008625.D
Acq On : 24 Dec 2016 09:56
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W4

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Quant Time: Dec 26 13:13:49 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 04:56:03 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	392m	0.40	ng/ul	-0.11
2) Naphthalene-d8	10.40	136	1643m	0.40	ng/ul	-0.10
6) Acenaphthene-d10	14.28	164	2048m	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	2749m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.24	240	2229m	0.40	ng/ul	-0.03
20) Perylene-d12	23.47	264	1412m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	785m	0.31	ng/ul	-0.09
14) Fluoranthene-d10	19.07	212	1125m	0.15	ng/ul	-0.04
Target Compounds						Qvalue
3) Naphthalene	10.45	128	213006m	46.08	ng/ul	
5) 2-Methylnaphthalene	12.08	142	215638m	69.31	ng/ul	
7) Acenaphthylene	14.00	152	3443m	0.37	ng/ul	
8) Acenaphthene	14.33	153	16532	2.37	ng/ul	91
9) Fluorene	15.34	166	62889m	7.91	ng/ul	
12) Phenanthrene	17.07	178	58979m	7.03	ng/ul	
13) Anthracene	17.16	178	14686m	1.80	ng/ul	
15) Fluoranthene	19.11	202	12046	1.17	ng/ul	71
17) Pyrene	19.47	202	19655m	2.28	ng/ul	
23) Benzo(a)pyrene	23.37	252	2651	0.51	ng/ul#	51

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

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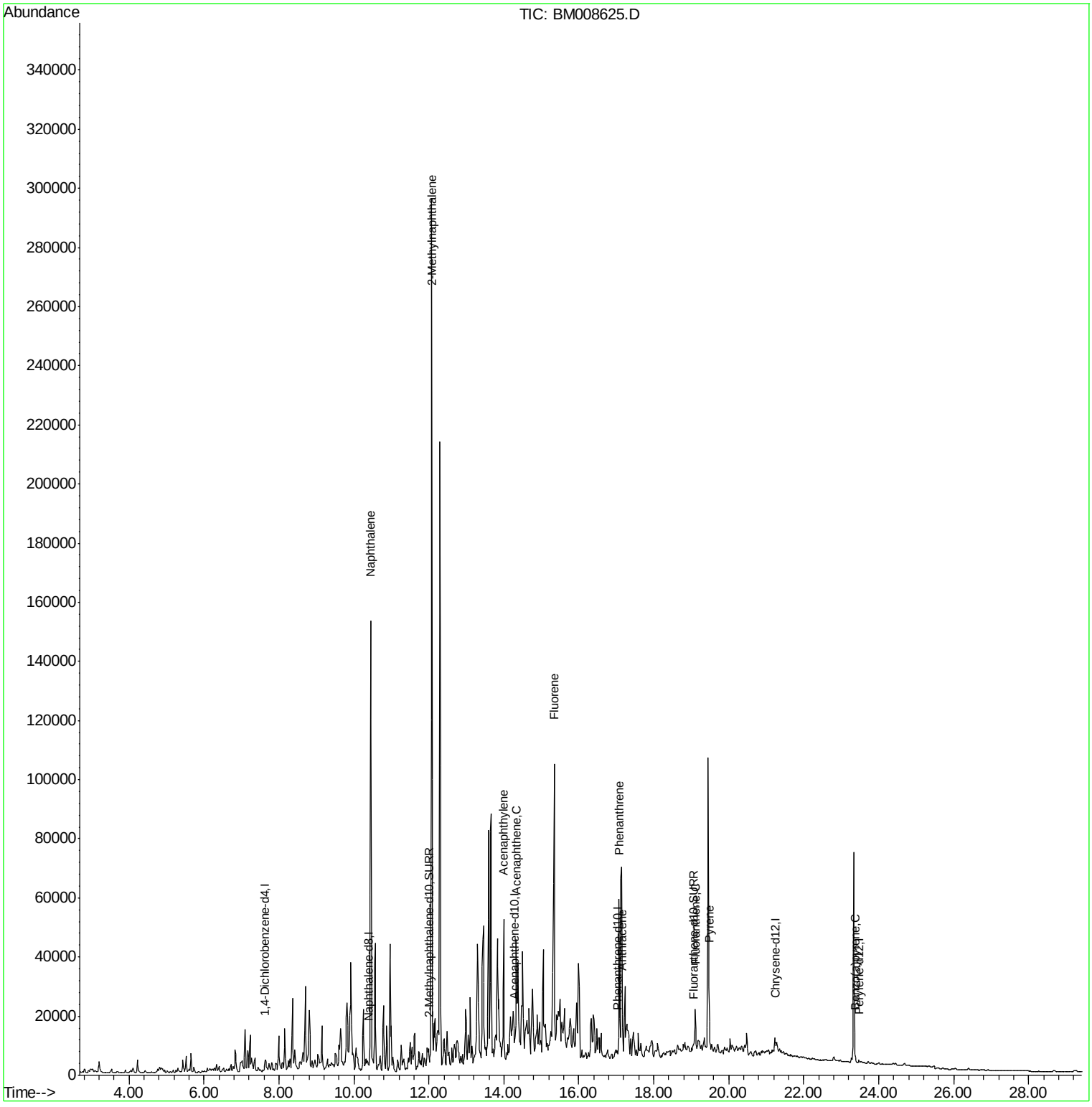
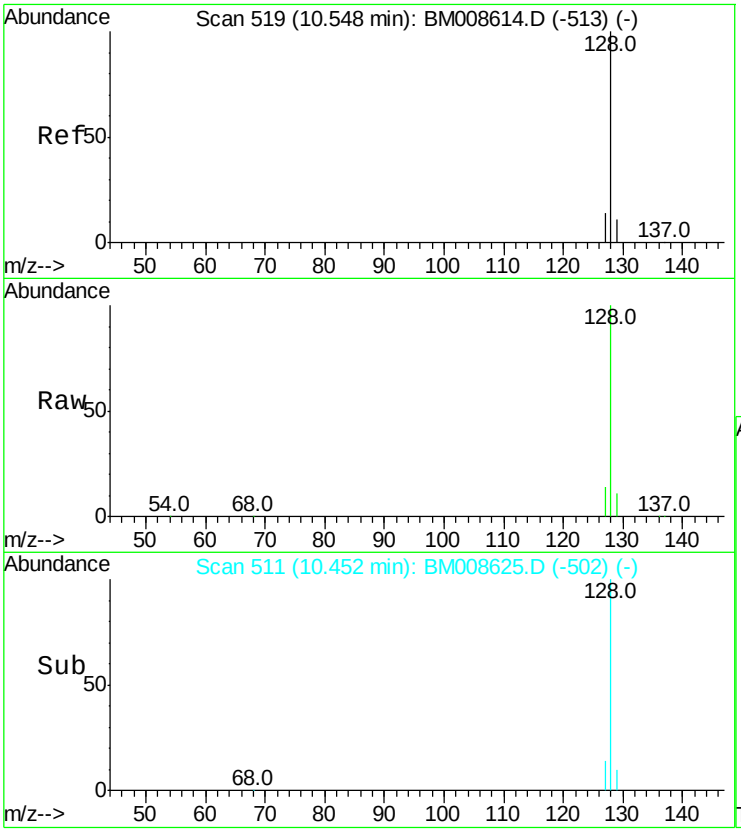
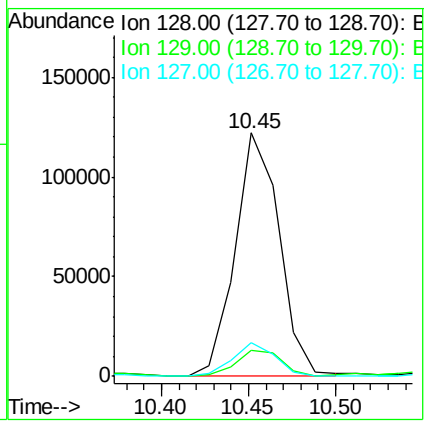




#3
Naphthalene
Concen: 46.08 ng/ul m
RT: 10.45 min Scan# 511
Delta R.T. -0.10 min
Lab File: BM008625.D
Acq: 24 Dec 2016 09:56

Tgt Ion:128 Resp: 213006

Ion	Ratio	Lower	Upper
128	100		
129	10.9	11.3	16.9#
127	14.1	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA8W4

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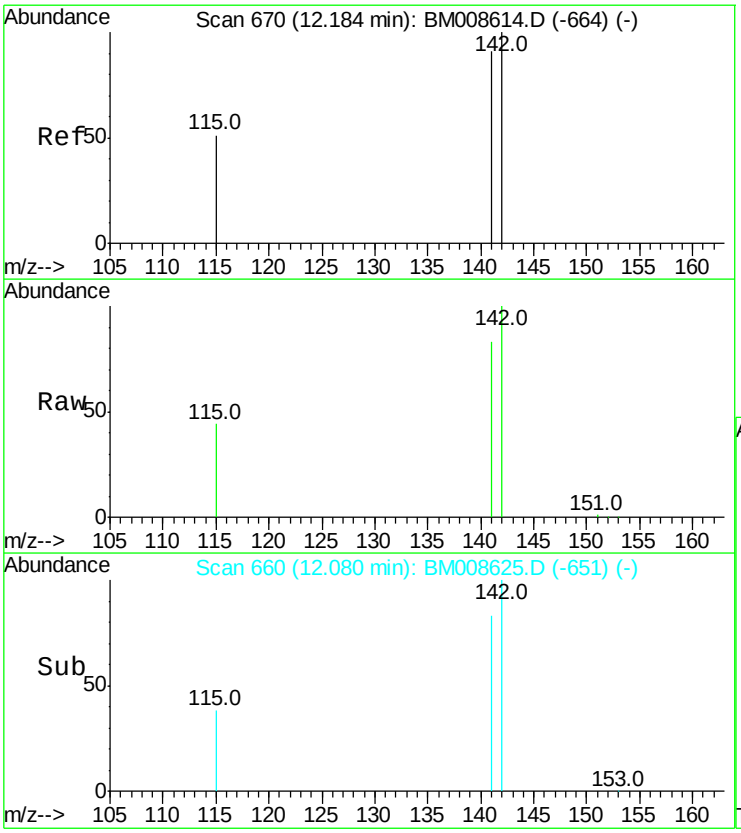
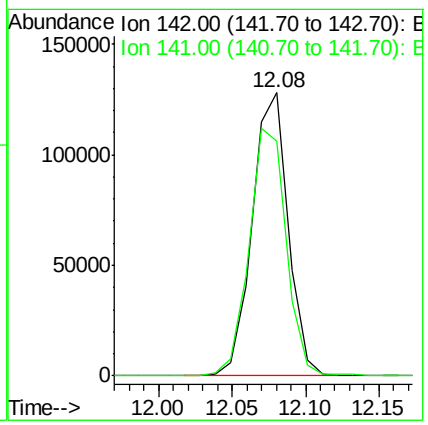
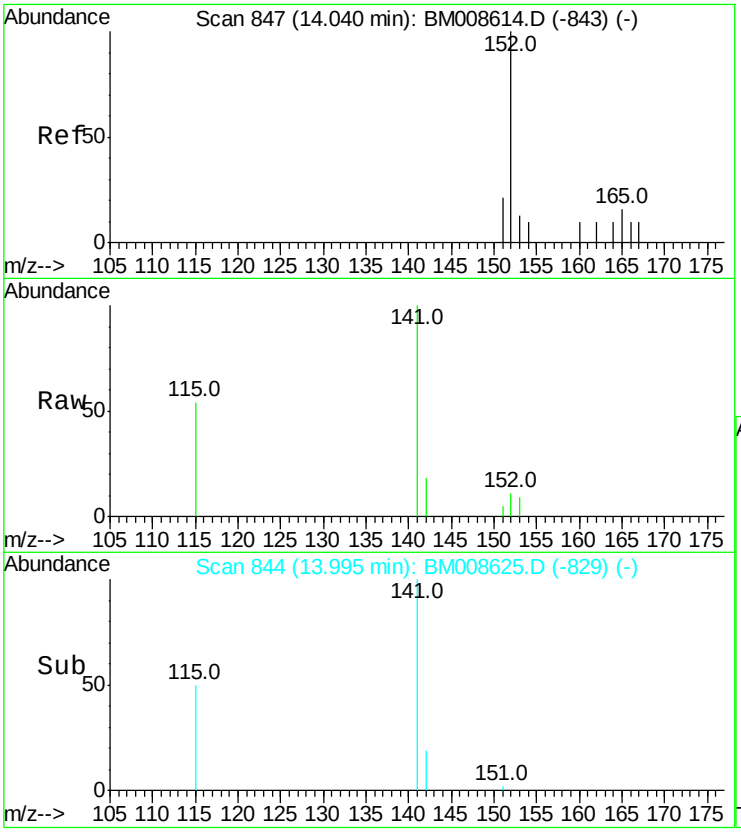


#5
2-Methylnaphthalene
Concen: 69.31 ng/ul m
RT: 12.08 min Scan# 660
Delta R.T. -0.10 min
Lab File: BM008625.D
Acq: 24 Dec 2016 09:56

Tgt Ion:142 Resp: 215638

Ion	Ratio	Lower	Upper
142	100		
141	58.3	72.6	108.8#

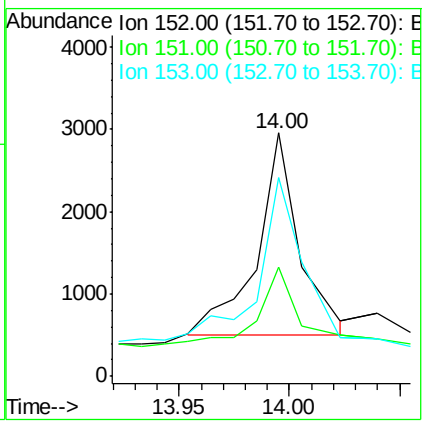




#7
Acenaphthylene
Concen: 0.37 ng/ul m
RT: 14.00 min Scan# 844
Delta R.T. -0.04 min
Lab File: BM008625.D
Acq: 24 Dec 2016 09:56

Tgt Ion:152 Resp: 3443

Ion	Ratio	Lower	Upper
152	100		
151	44.9	17.1	25.7#
153	81.9	12.8	19.2#



Instrument :
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ClientSampleId :
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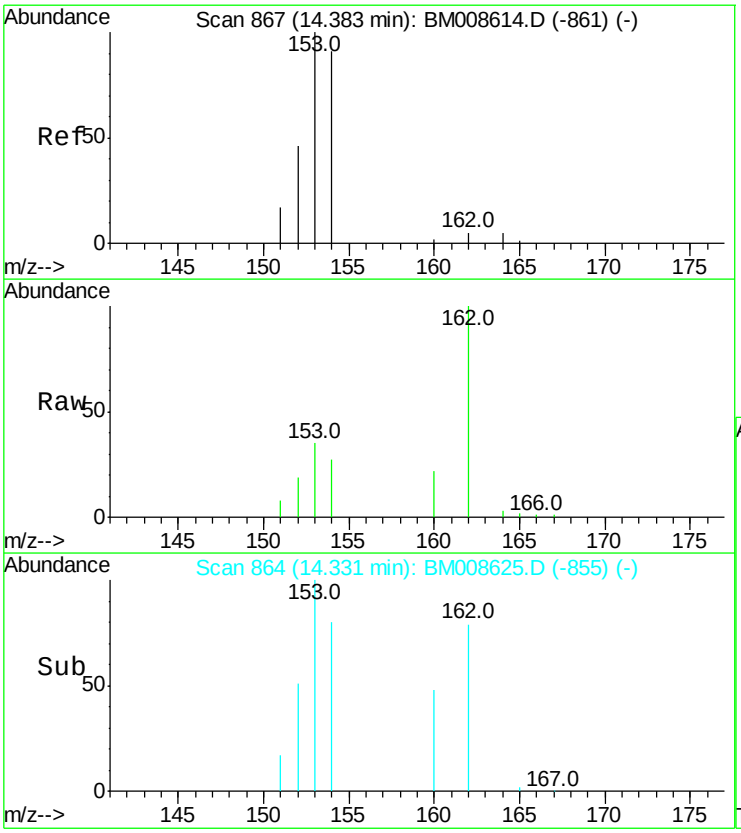
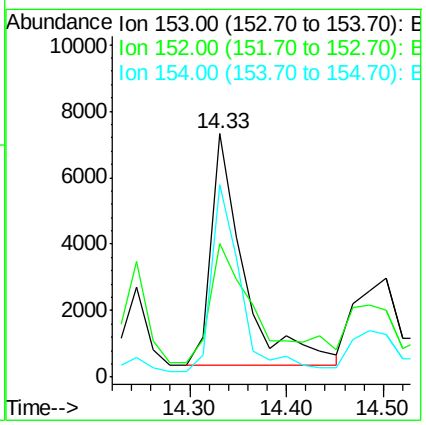
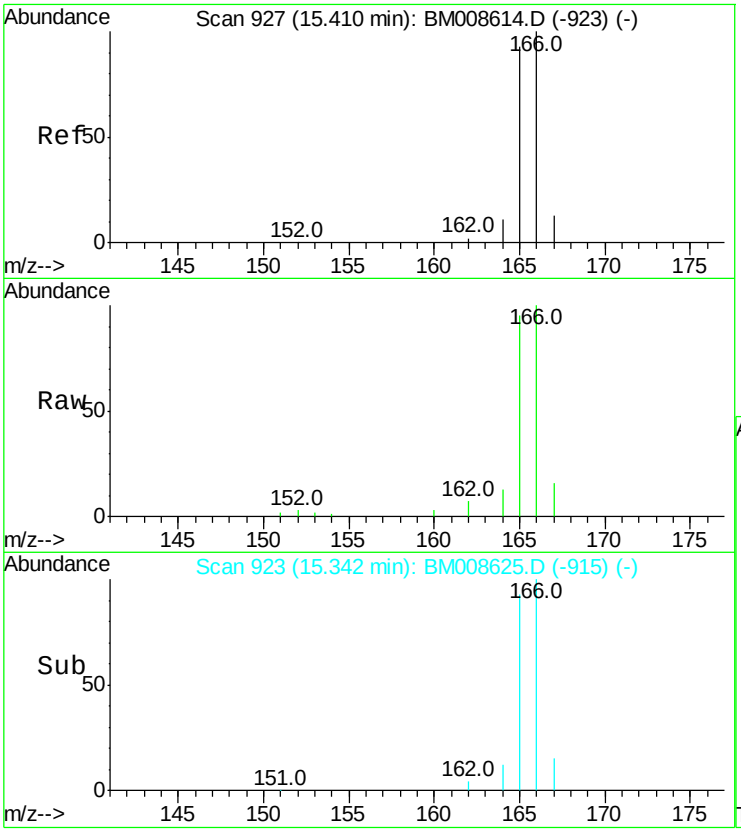


#8
Acenaphthene
Concen: 2.37 ng/ul
RT: 14.33 min Scan# 864
Delta R.T. -0.05 min
Lab File: BM008625.D
Acq: 24 Dec 2016 09:56

Tgt Ion:153 Resp: 16532

Ion	Ratio	Lower	Upper
153	100		
152	54.7	40.3	60.5
154	78.8	71.4	107.2

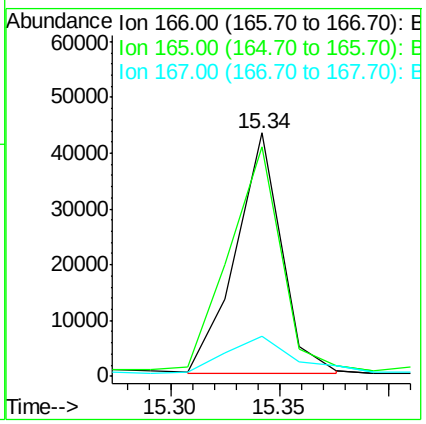




#9
Fluorene
Concen: 7.91 ng/ul m
RT: 15.34 min Scan# 923
Delta R.T. -0.07 min
Lab File: BM008625.D
Acq: 24 Dec 2016 09:56

Tgt Ion:166 Resp: 62889

Ion	Ratio	Lower	Upper
166	100		
165	94.5	73.4	110.2
167	16.5	14.6	22.0



Instrument :
BNA_M
ClientSampleId :
DA8W4

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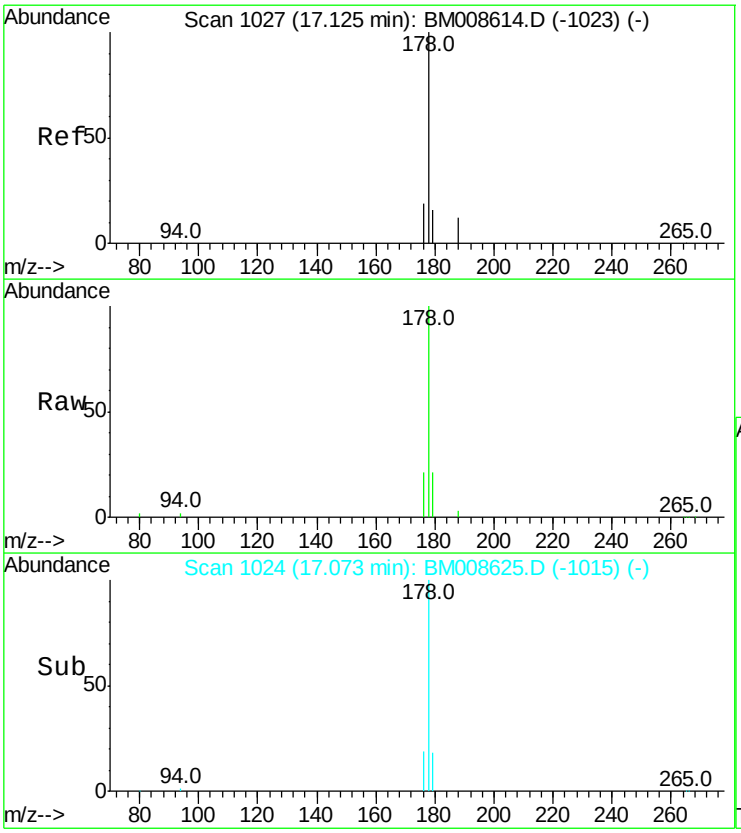
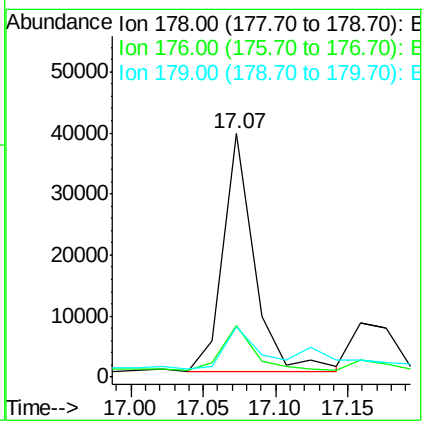
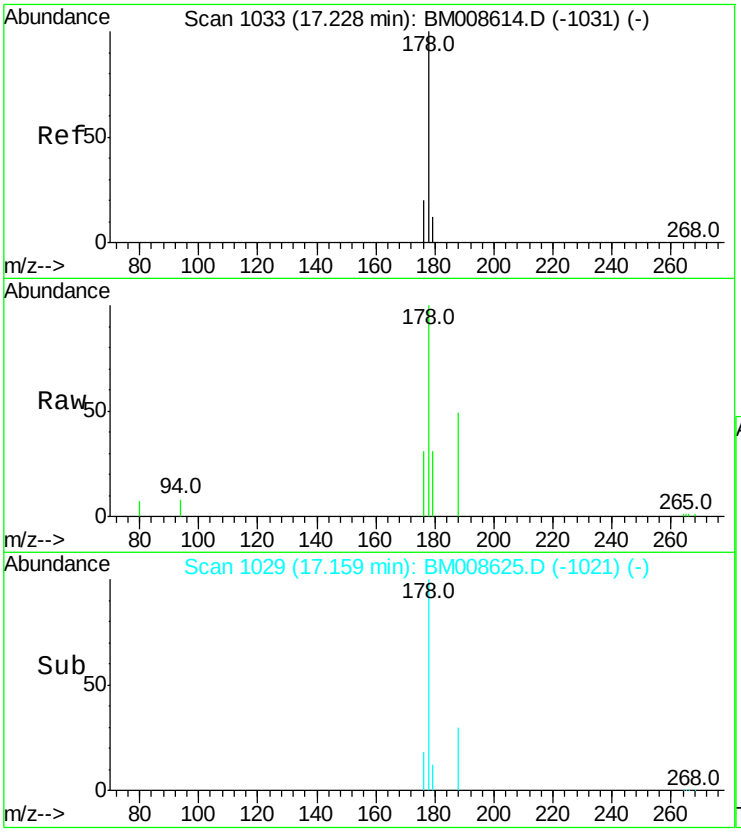


#12
Phenanthrene
Concen: 7.03 ng/ul m
RT: 17.07 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BM008625.D
Acq: 24 Dec 2016 09:56

Tgt Ion:178 Resp: 58979

Ion	Ratio	Lower	Upper
178	100		
176	21.4	18.4	27.6
179	20.6	13.6	20.4#

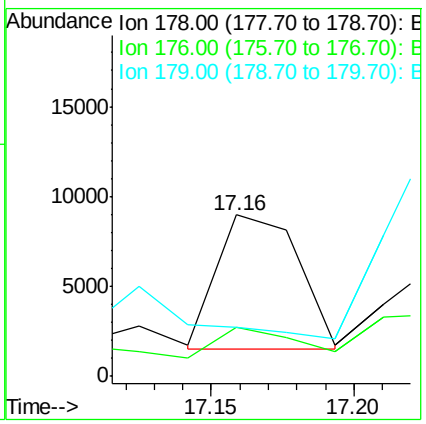




#13
Anthracene
Concen: 1.80 ng/ul m
RT: 17.16 min Scan# 1029
Delta R.T. -0.07 min
Lab File: BM008625.D
Acq: 24 Dec 2016 09:56

Tgt Ion:178 Resp: 14686

Ion	Ratio	Lower	Upper
178	100		
176	30.8	18.1	27.1#
179	30.7	14.7	22.1#



Instrument :
BNA_M
ClientSampleId :
DA8W4

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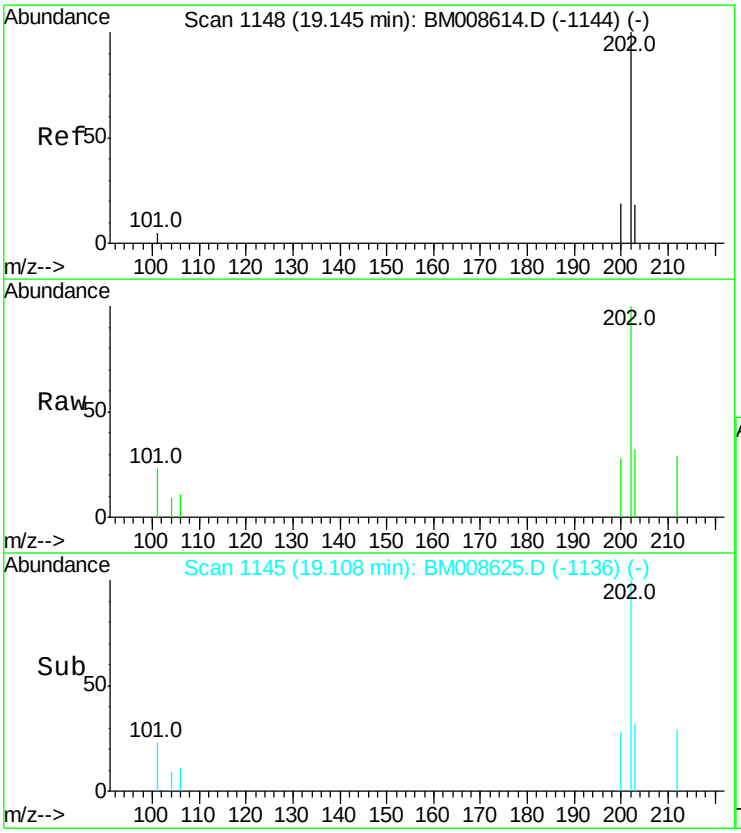
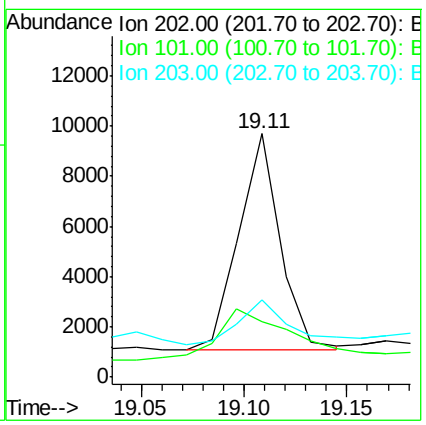
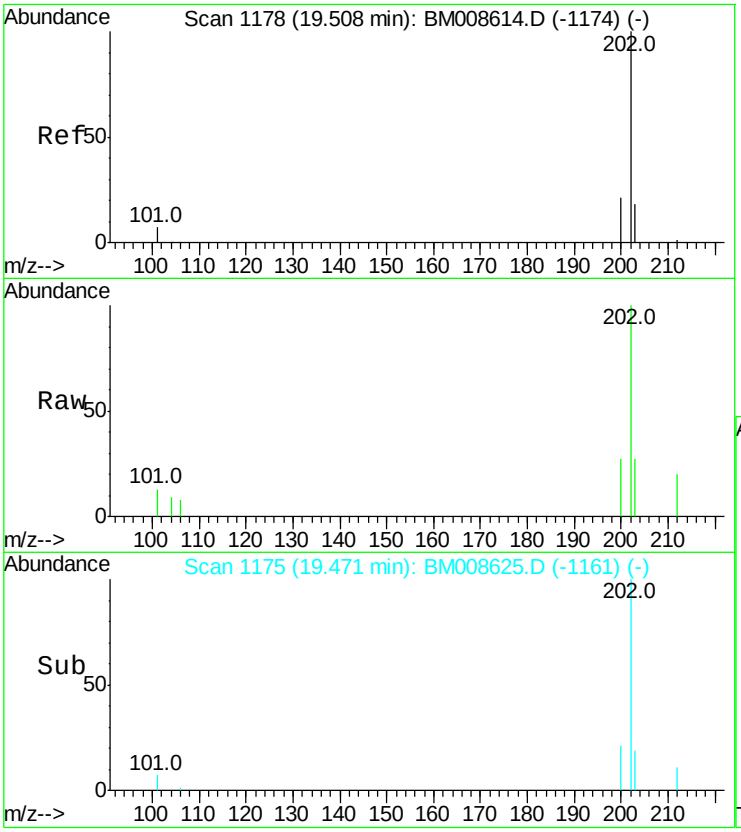


#15
Fluoranthene
Concen: 1.17 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. -0.04 min
Lab File: BM008625.D
Acq: 24 Dec 2016 09:56

Tgt Ion:202 Resp: 12046

Ion	Ratio	Lower	Upper
202	100		
101	23.0	0.0	30.3
203	31.7	0.0	39.5





#17
Pyrene
Concen: 2.28 ng/ul m
RT: 19.47 min Scan# 1175
Delta R.T. -0.04 min
Lab File: BM008625.D
Acq: 24 Dec 2016 09:56

Tgt Ion:202 Resp: 19655

Ion	Ratio	Lower	Upper
202	100		
200	27.3	18.2	27.4
203	26.9	15.6	23.4#

Instrument :
BNA_M
ClientSampleId :
DA8W4

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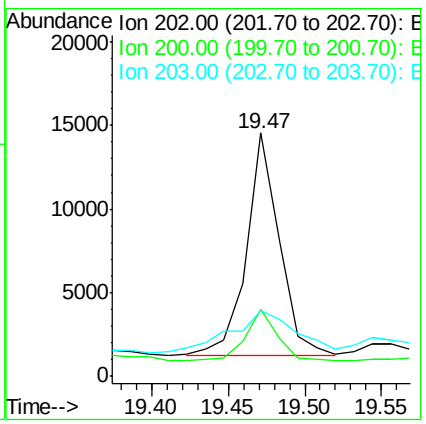

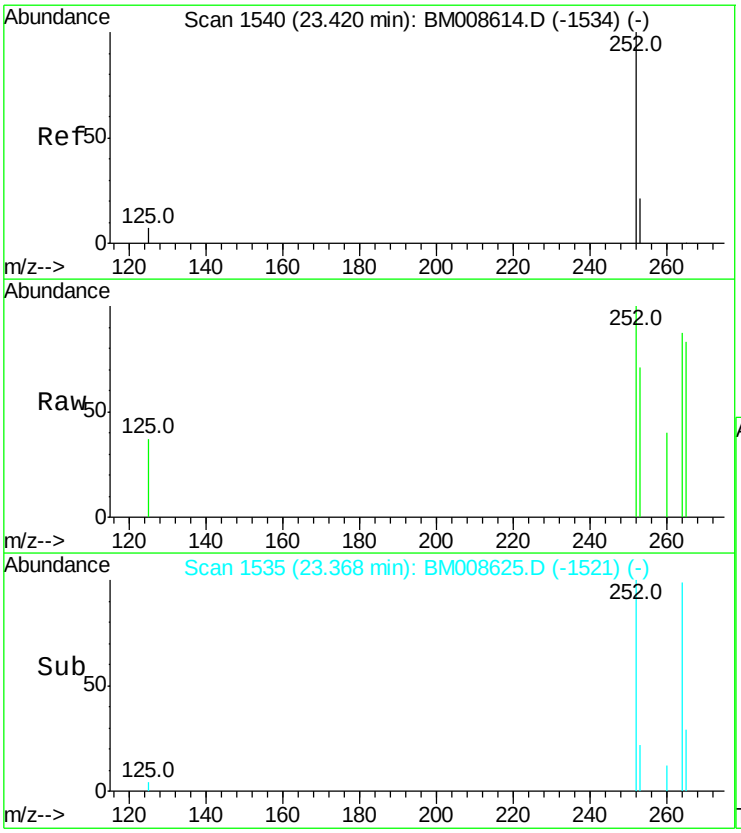

#23
Benzo(a)pyrene
Concen: 0.51 ng/ul
RT: 23.37 min Scan# 1535
Delta R.T. -0.05 min
Lab File: BM008625.D
Acq: 24 Dec 2016 09:56

Tgt Ion:252 Resp: 2651

Ion	Ratio	Lower	Upper
252	100		
253	70.8	28.5	42.7#
125	37.2	18.1	27.1#