Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
Data File : BM008631.D
Acq On : 24 Dec 2016 14:05
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W0

Manual Integrations APPROVED
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12/26/2016 6:26:55 PM

Quant Time: Dec 26 13:38:30 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	383m	0.40	ng/ul	-0.11
2) Naphthalene-d8	10.42	136	1702	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.26	164	3212m	0.40	ng/ul	-0.05
10) Phenanthrene-d10	17.04	188	2522m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.26	240	2277m	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	1558m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1233	0.47	ng/ul	-0.09
14) Fluoranthene-d10	19.08	212	3247m	0.47	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.45	128	184757	38.58	ng/ul	95
5) 2-Methylnaphthalene	12.08	142	272101	84.43	ng/ul	99
7) Acenaphthylene	14.00	152	9817	0.68	ng/ul#	18
8) Acenaphthene	14.35	153	34293	3.14	ng/ul	97
9) Fluorene	15.34	166	183747	14.73	ng/ul	85
12) Phenanthrene	17.09	178	182986	23.76	ng/ul#	89
13) Anthracene	17.18	178	49297	6.59	ng/ul#	94
15) Fluoranthene	19.12	202	44481m	4.71	ng/ul	
17) Pyrene	19.48	202	74826m	8.50	ng/ul	

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

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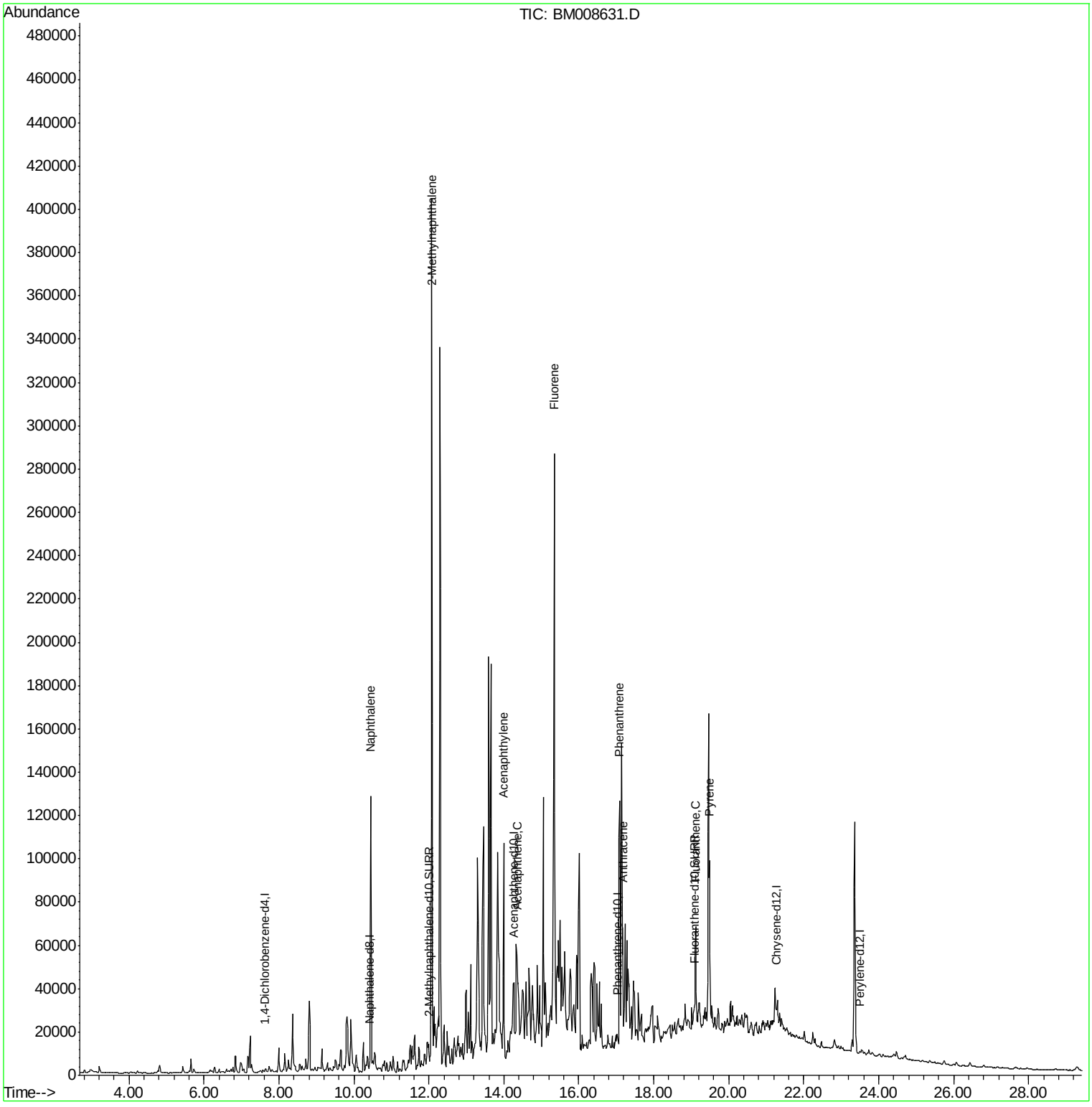
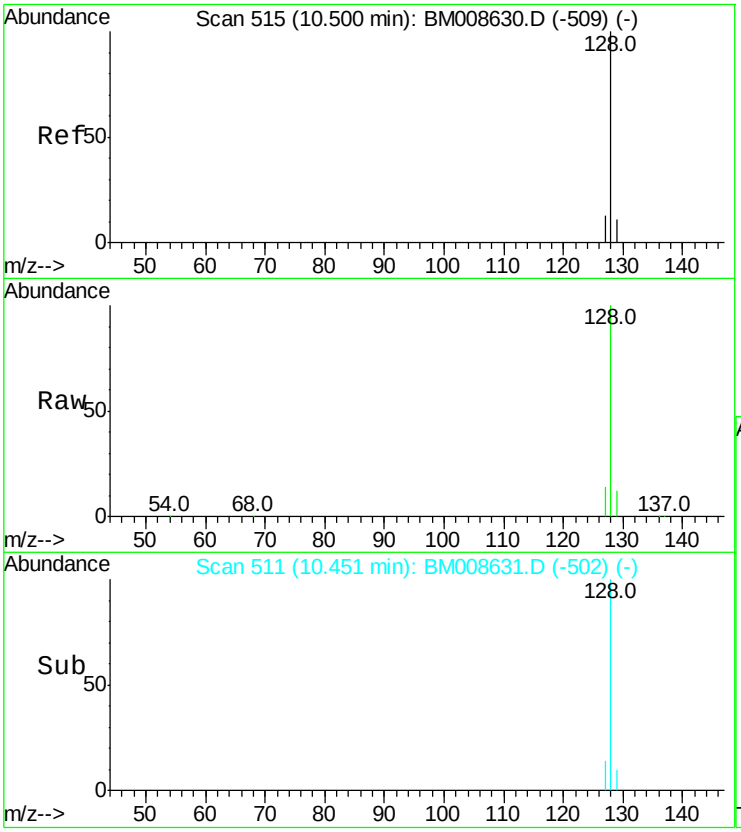
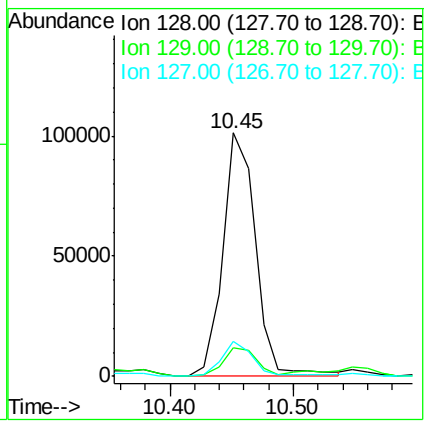




#3
Naphthalene
Concen: 38.58 ng/ul
RT: 10.45 min Scan# 511
Delta R.T. -0.10 min
Lab File: BM008631.D
Acq: 24 Dec 2016 14:05

Tgt Ion:128 Resp: 184757

Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.3	16.9
127	14.4	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA8W0

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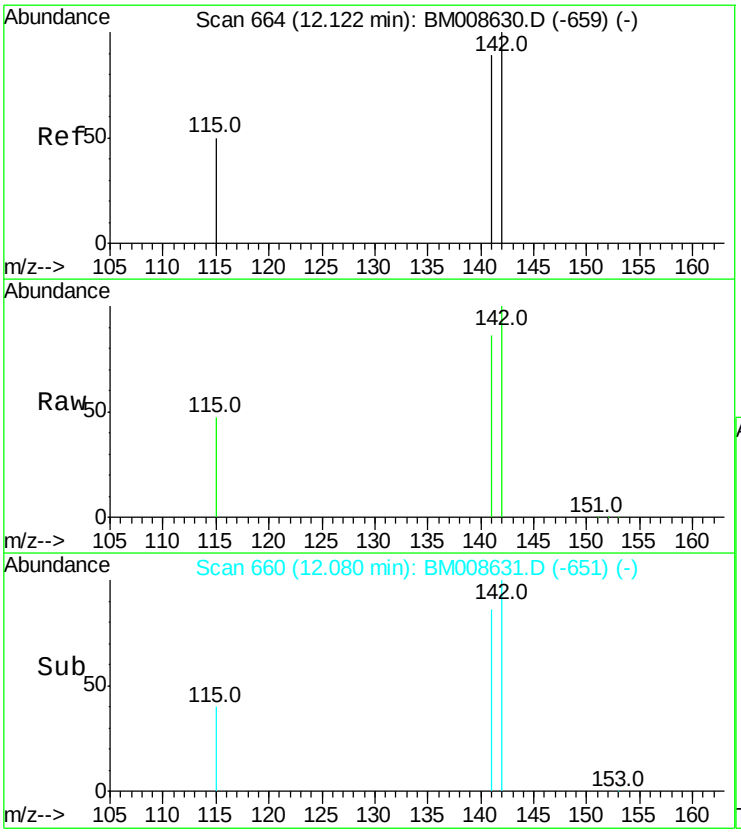
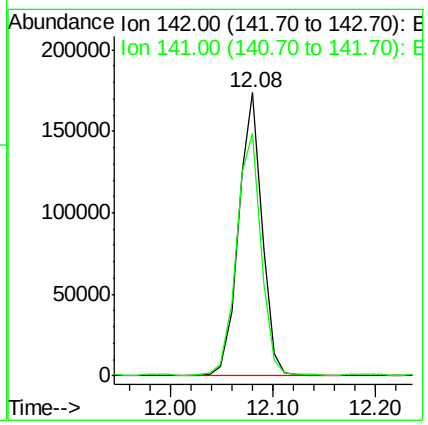
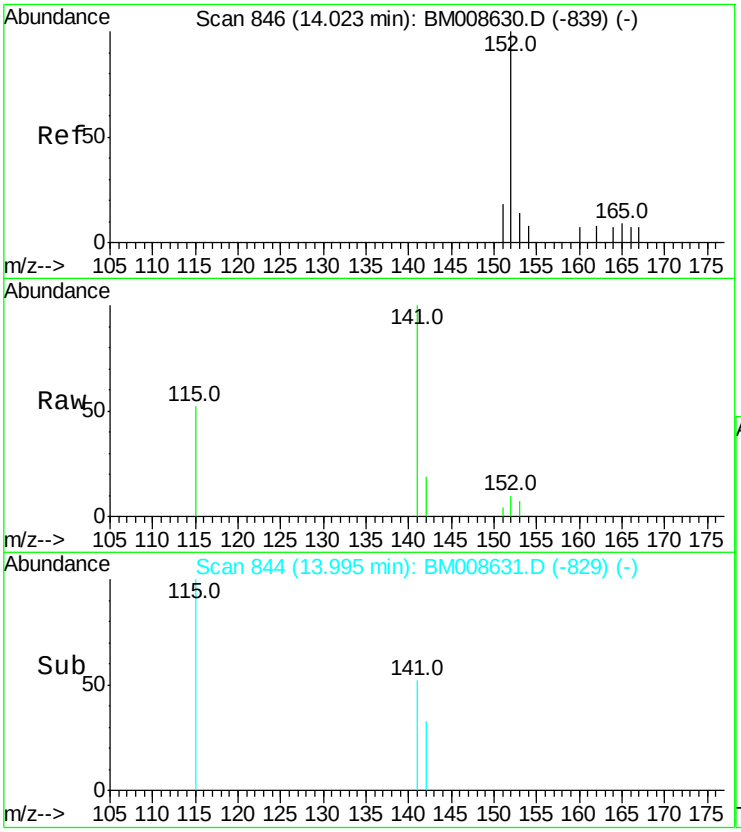


#5
2-Methylnaphthalene
Concen: 84.43 ng/ul
RT: 12.08 min Scan# 660
Delta R.T. -0.10 min
Lab File: BM008631.D
Acq: 24 Dec 2016 14:05

Tgt Ion:142 Resp: 272101

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.6	108.8

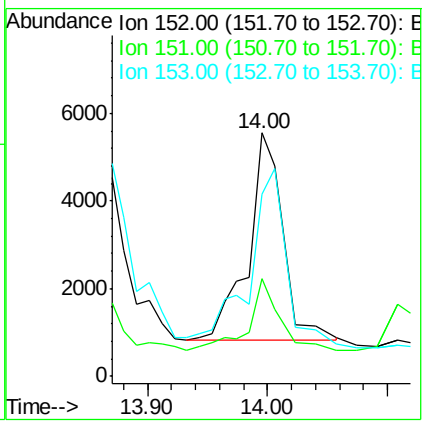




#7
Acenaphthylene
Concen: 0.68 ng/ul
RT: 14.00 min Scan# 844
Delta R.T. -0.04 min
Lab File: BM008631.D
Acq: 24 Dec 2016 14:05

Tgt Ion:152 Resp: 9817

Ion	Ratio	Lower	Upper
152	100		
151	40.1	17.1	25.7#
153	74.6	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA8W0

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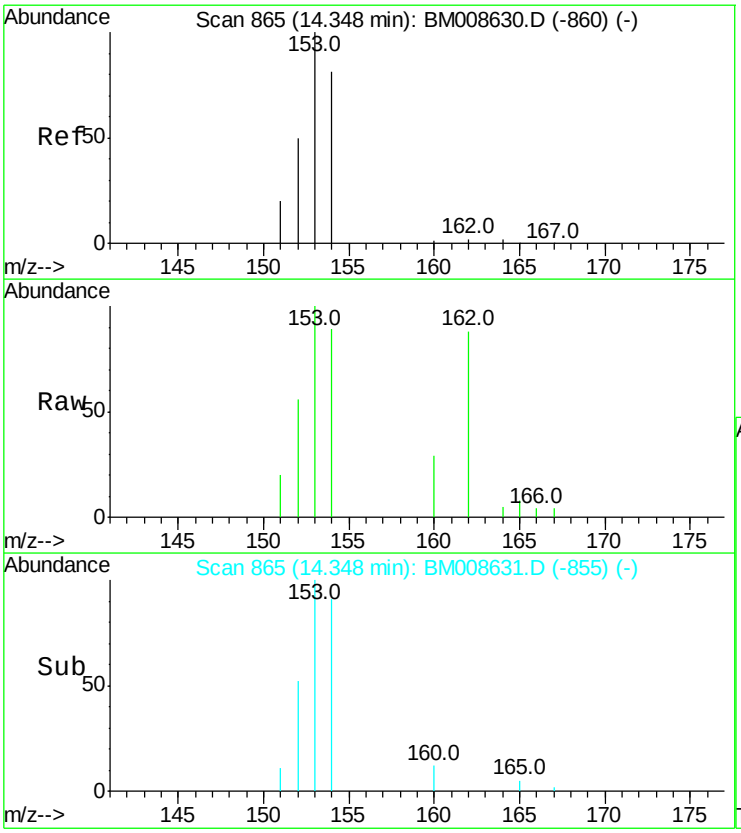
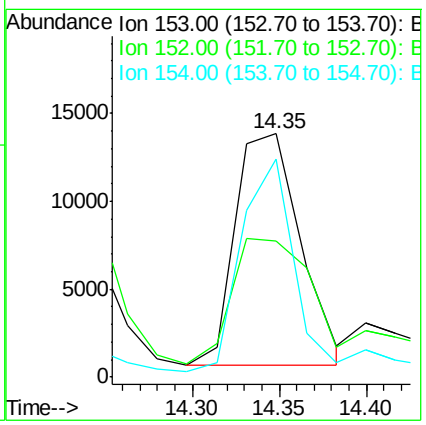
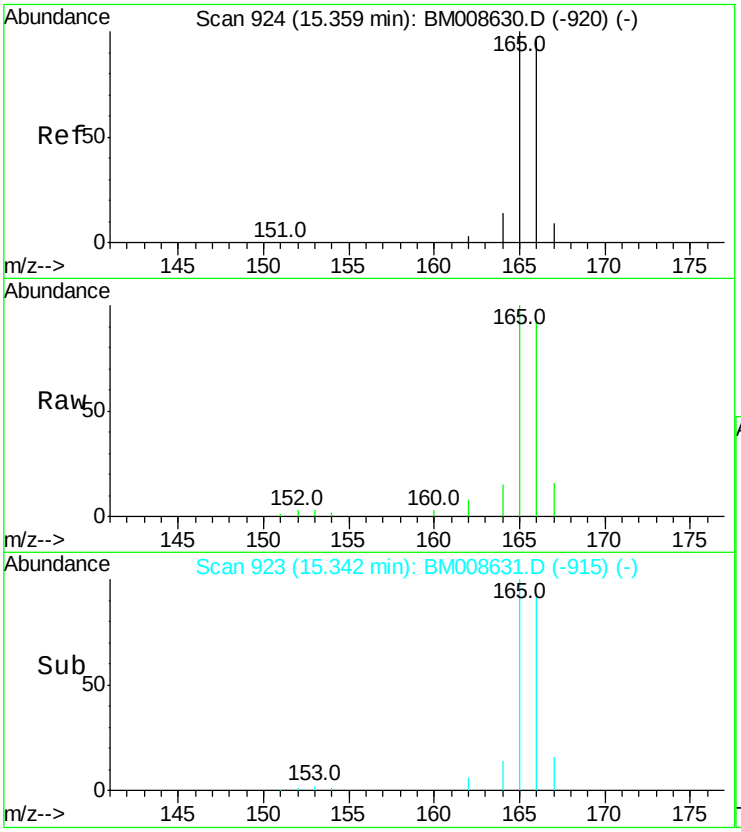


#8
Acenaphthene
Concen: 3.14 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.03 min
Lab File: BM008631.D
Acq: 24 Dec 2016 14:05

Tgt Ion:153 Resp: 34293

Ion	Ratio	Lower	Upper
153	100		
152	55.8	40.3	60.5
154	89.4	71.4	107.2

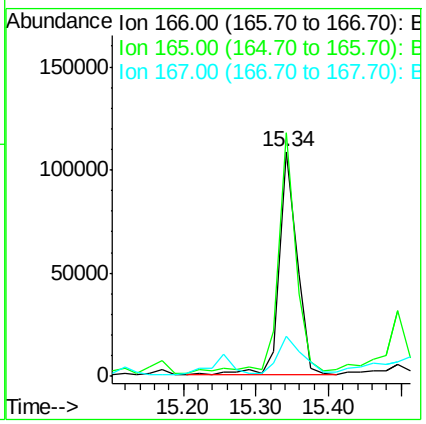




#9
Fluorene
Concen: 14.73 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.07 min
Lab File: BM008631.D
Acq: 24 Dec 2016 14:05

Tgt Ion:166 Resp: 183747

Ion	Ratio	Lower	Upper
166	100		
165	108.4	73.4	110.2
167	17.6	14.6	22.0



Instrument :
BNA_M
ClientSampleId :
DA8W0

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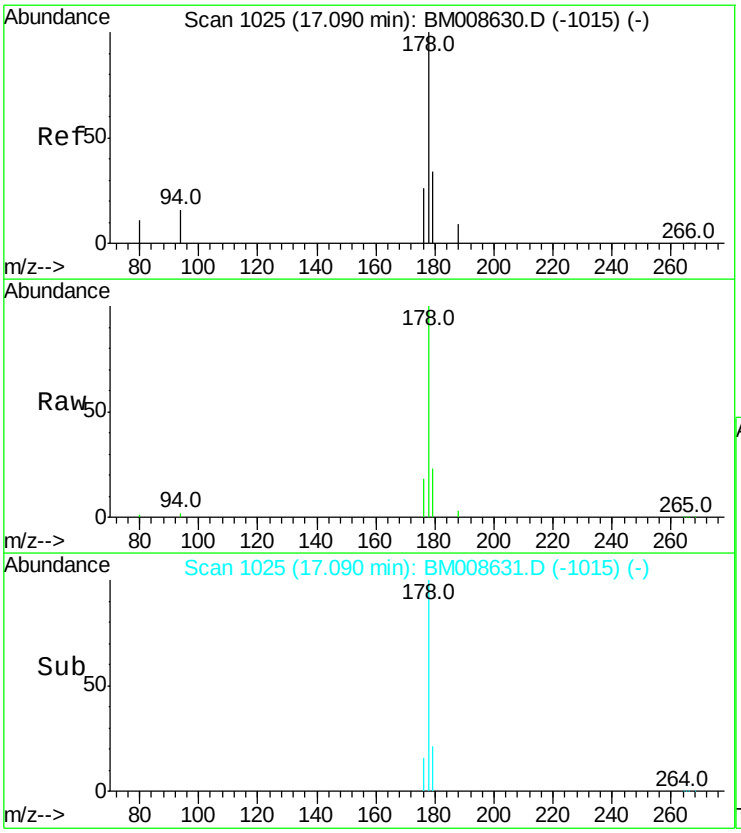
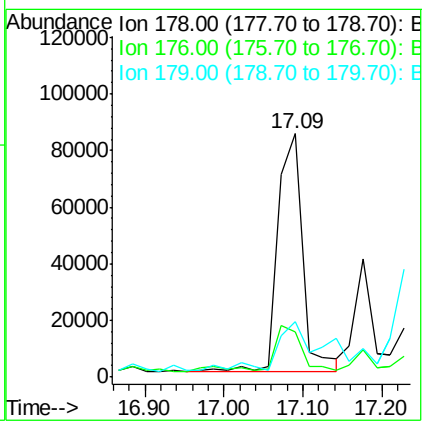
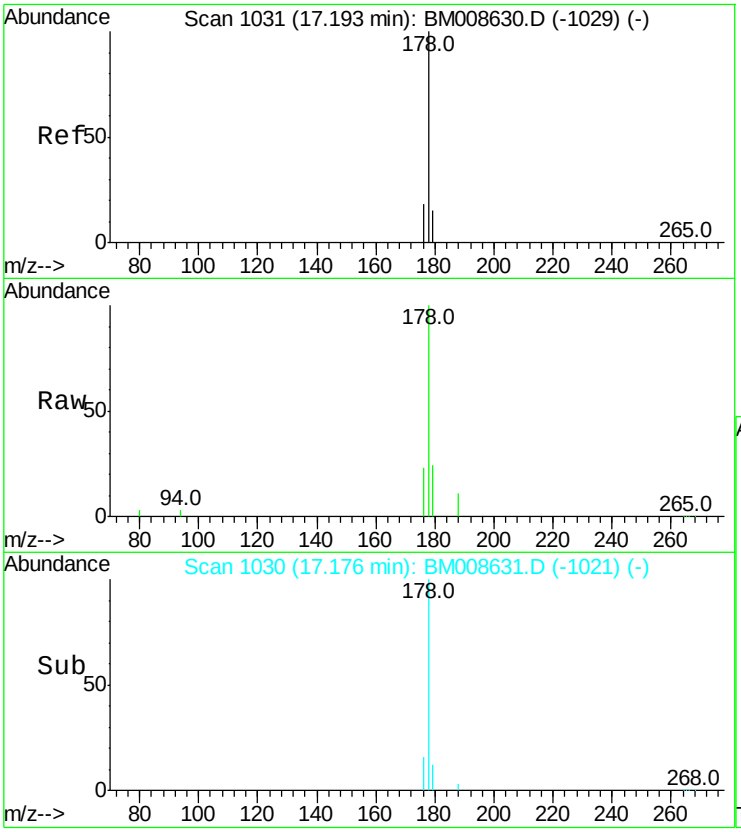


#12
Phenanthrene
Concen: 23.76 ng/ul
RT: 17.09 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BM008631.D
Acq: 24 Dec 2016 14:05

Tgt Ion:178 Resp: 182986

Ion	Ratio	Lower	Upper
178	100		
176	18.4	18.4	27.6#
179	22.9	13.6	20.4#

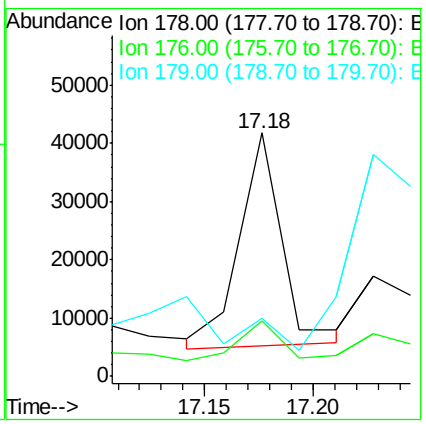




#13
Anthracene
Concen: 6.59 ng/ul
RT: 17.18 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BM008631.D
Acq: 24 Dec 2016 14:05

Tgt Ion:178 Resp: 49297

Ion	Ratio	Lower	Upper
178	100		
176	22.8	18.1	27.1
179	23.6	14.7	22.1#



Instrument :
BNA_M
ClientSampleId :
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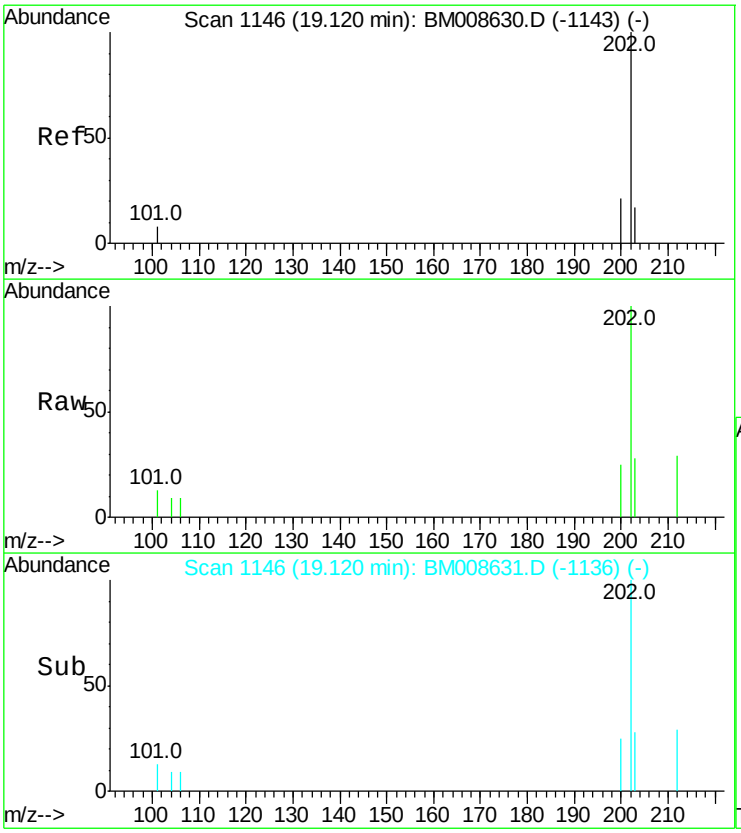
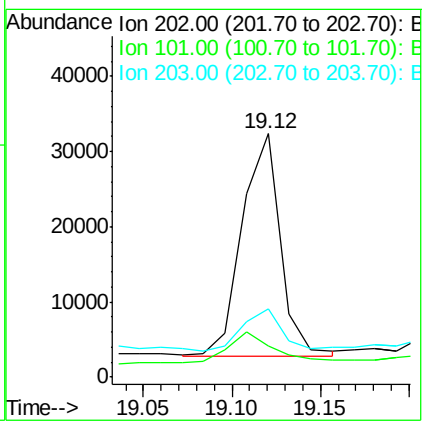
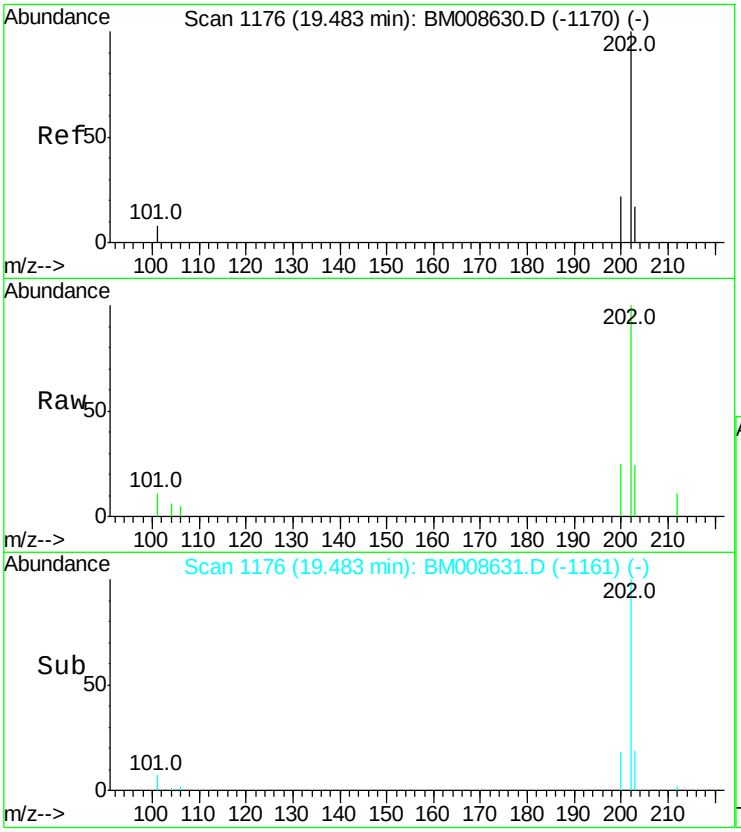


#15
Fluoranthene
Concen: 4.71 ng/ul m
RT: 19.12 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BM008631.D
Acq: 24 Dec 2016 14:05

Tgt Ion:202 Resp: 44481

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.3
203	28.1	0.0	39.5

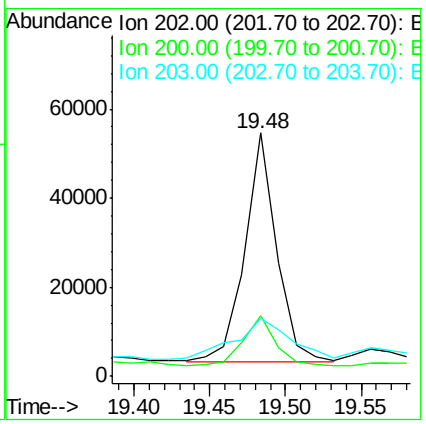




#17
Pyrene
Concen: 8.50 ng/ul m
RT: 19.48 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BM008631.D
Acq: 24 Dec 2016 14:05

Tgt Ion:202 Resp: 74826

Ion	Ratio	Lower	Upper
202	100		
200	24.6	18.2	27.4
203	23.9	15.6	23.4#



Instrument :
BNA_M
ClientSampleId :
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