Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
Data File : BM008629.D
Acq On : 24 Dec 2016 12:18
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8T9

Manual Integrations APPROVED
sohil
12/26/2016 6:27:01 PM

Quant Time: Dec 26 13:31:51 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	430m	0.40	ng/ul	-0.11
2) Naphthalene-d8	10.42	136	1886	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.26	164	3303m	0.40	ng/ul	-0.05
10) Phenanthrene-d10	17.04	188	2693m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.26	240	2776m	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	1546m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1235	0.43	ng/ul	-0.09
14) Fluoranthene-d10	19.08	212	3496m	0.47	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.45	128	204060	38.46	ng/ul	96
5) 2-Methylnaphthalene	12.08	142	288796	80.86	ng/ul	99
7) Acenaphthylene	14.01	152	9501m	0.64	ng/ul	
8) Acenaphthene	14.35	153	36416	3.24	ng/ul	98
9) Fluorene	15.34	166	188114	14.67	ng/ul#	83
12) Phenanthrene	17.09	178	176871	21.51	ng/ul#	89
13) Anthracene	17.18	178	47498	5.95	ng/ul#	94
15) Fluoranthene	19.12	202	40056m	3.97	ng/ul	
17) Pyrene	19.48	202	67724m	6.31	ng/ul	

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

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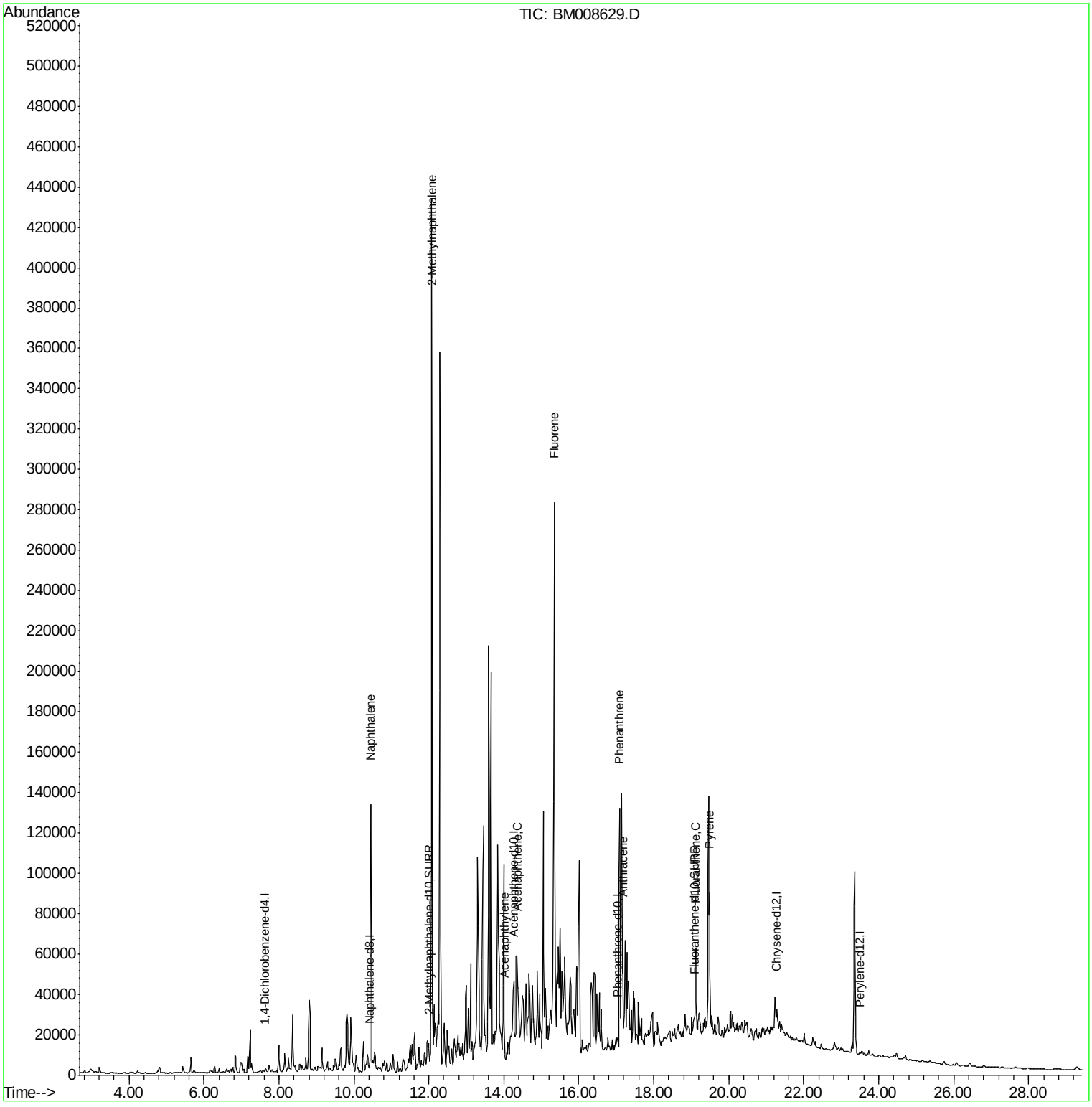
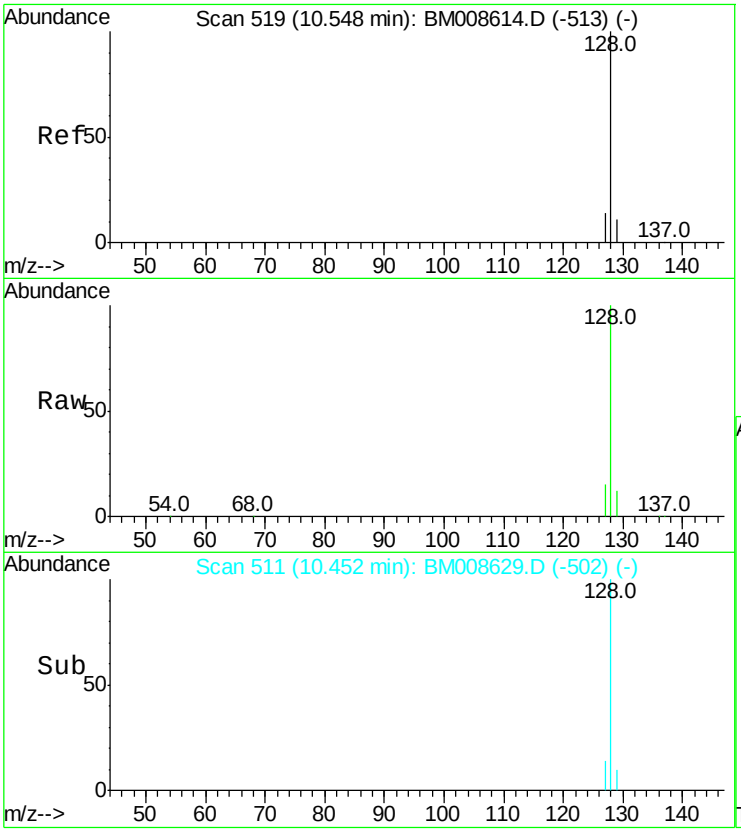
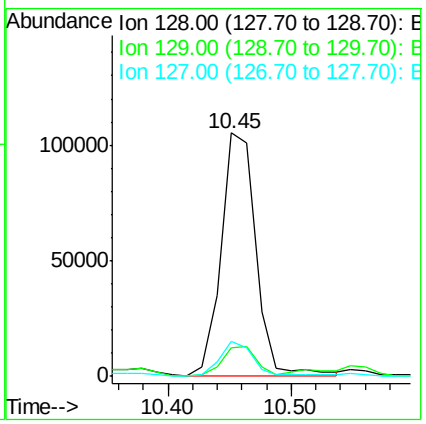




#3
Naphthalene
Concen: 38.46 ng/ul
RT: 10.45 min Scan# 511
Delta R.T. -0.10 min
Lab File: BM008629.D
Acq: 24 Dec 2016 12:18

Tgt Ion:128 Resp: 204060

Ion	Ratio	Lower	Upper
128	100		
129	11.9	11.3	16.9
127	14.5	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA8T9

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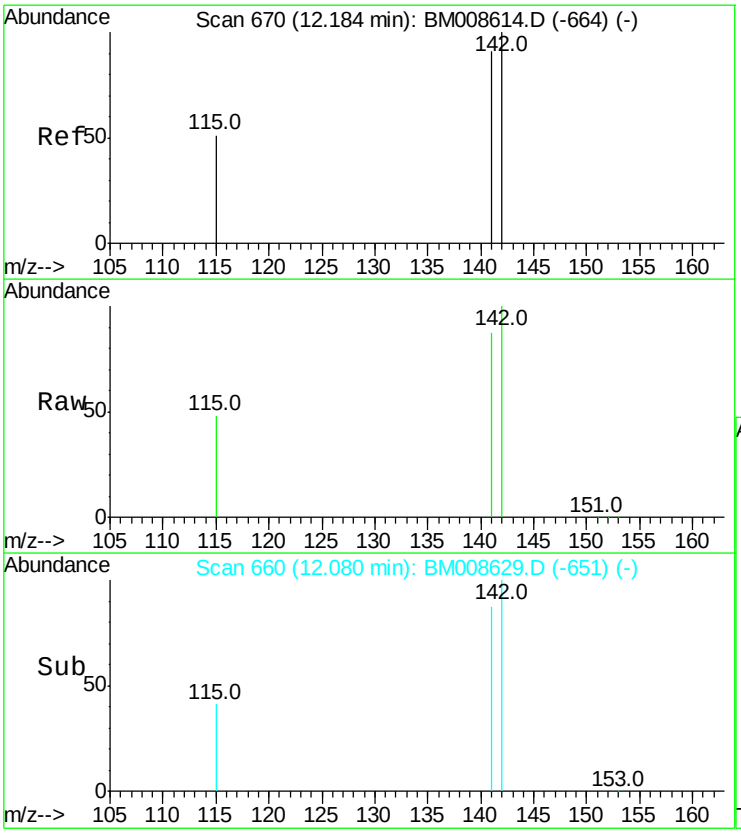
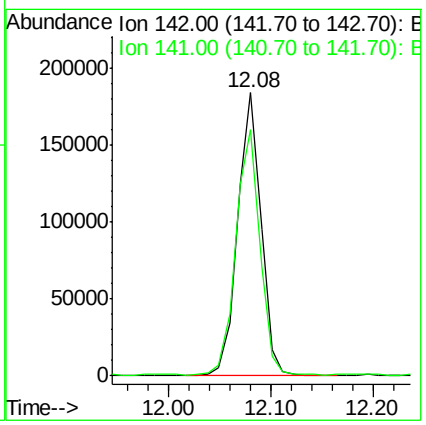
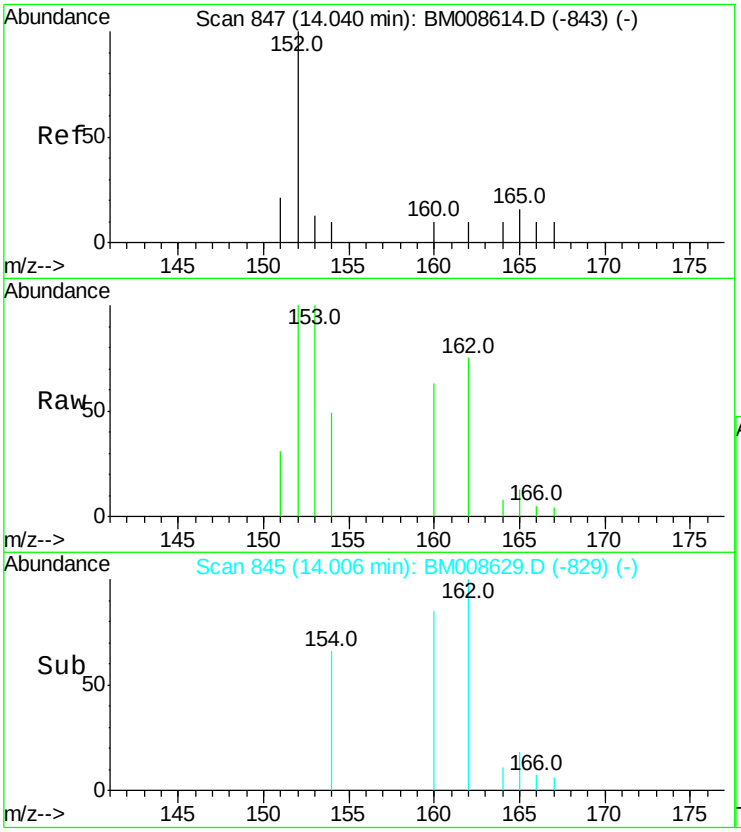


#5
2-Methylnaphthalene
Concen: 80.86 ng/ul
RT: 12.08 min Scan# 660
Delta R.T. -0.10 min
Lab File: BM008629.D
Acq: 24 Dec 2016 12:18

Tgt Ion:142 Resp: 288796

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.6	108.8





#7
Acenaphthylene
Concen: 0.64 ng/ul m
RT: 14.01 min Scan# 845
Delta R.T. -0.03 min
Lab File: BM008629.D
Acq: 24 Dec 2016 12:18

Tgt Ion:152 Resp: 9501

Ion	Ratio	Lower	Upper
152	100		
151	31.1	17.1	25.7#
153	100.3	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
DA8T9

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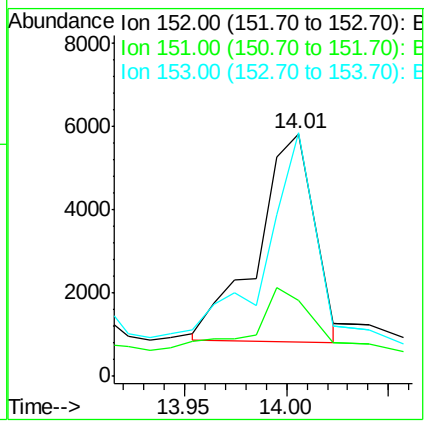
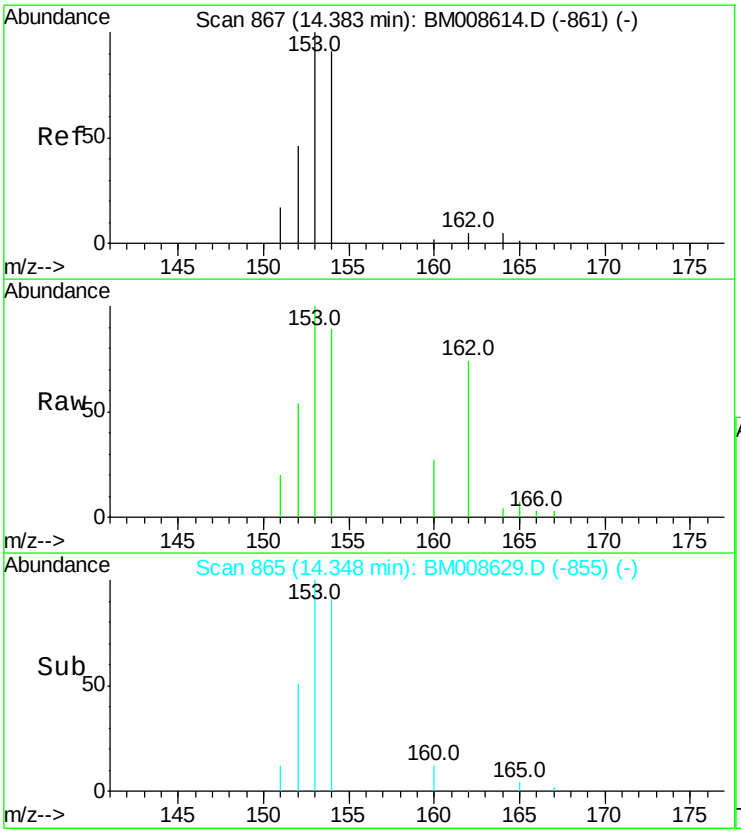
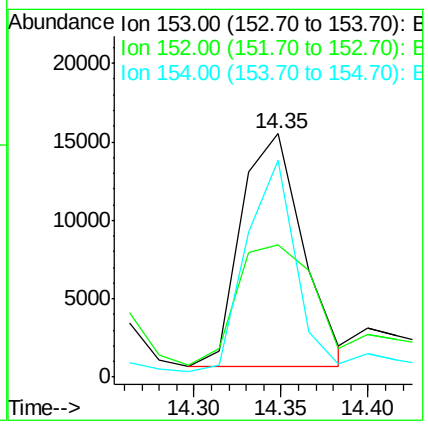


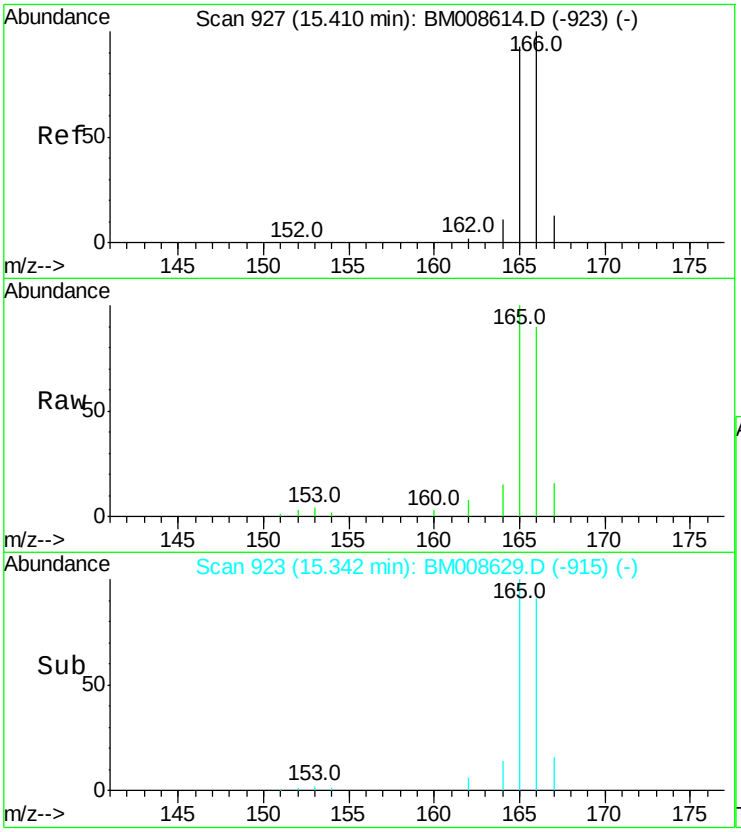


#8
Acenaphthene
Concen: 3.24 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.03 min
Lab File: BM008629.D
Acq: 24 Dec 2016 12:18

Tgt Ion:153 Resp: 36416

Ion	Ratio	Lower	Upper
153	100		
152	54.1	40.3	60.5
154	89.0	71.4	107.2

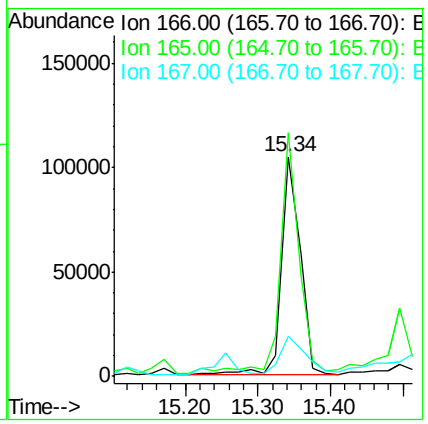




#9
Fluorene
Concen: 14.67 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.07 min
Lab File: BM008629.D
Acq: 24 Dec 2016 12:18

Tgt Ion:166 Resp: 188114

Ion	Ratio	Lower	Upper
166	100		
165	110.8	73.4	110.2#
167	18.1	14.6	22.0



Instrument :
BNA_M
ClientSampleId :
DA8T9

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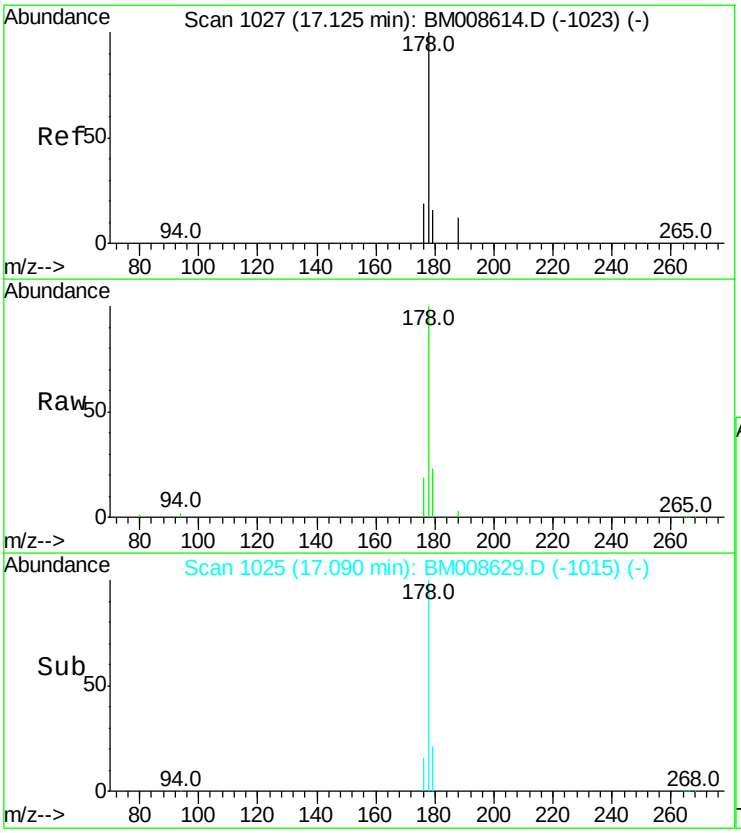
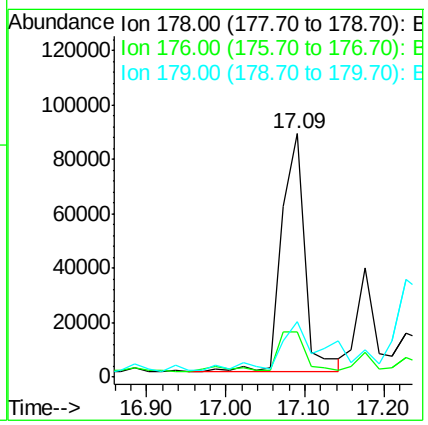
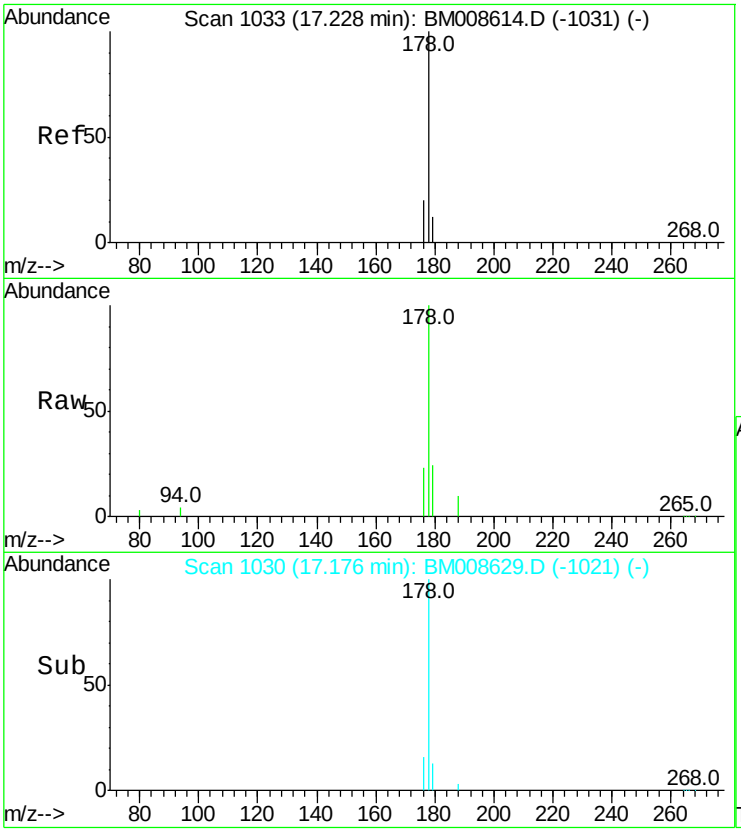


#12
Phenanthrene
Concen: 21.51 ng/ul
RT: 17.09 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BM008629.D
Acq: 24 Dec 2016 12:18

Tgt Ion:178 Resp: 176871

Ion	Ratio	Lower	Upper
178	100		
176	18.6	18.4	27.6
179	22.9	13.6	20.4#

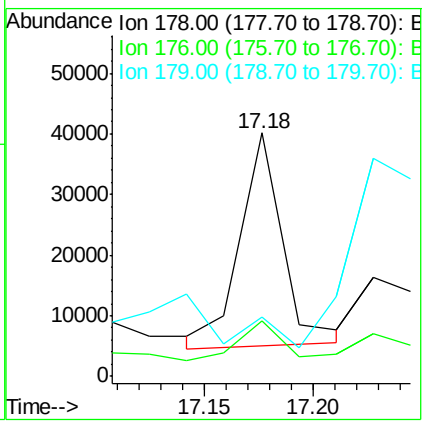




#13
Anthracene
Concen: 5.95 ng/ul
RT: 17.18 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BM008629.D
Acq: 24 Dec 2016 12:18

Tgt Ion:178 Resp: 47498

Ion	Ratio	Lower	Upper
178	100		
176	22.9	18.1	27.1
179	24.5	14.7	22.1#



Instrument :
BNA_M
ClientSampleId :
DA8T9

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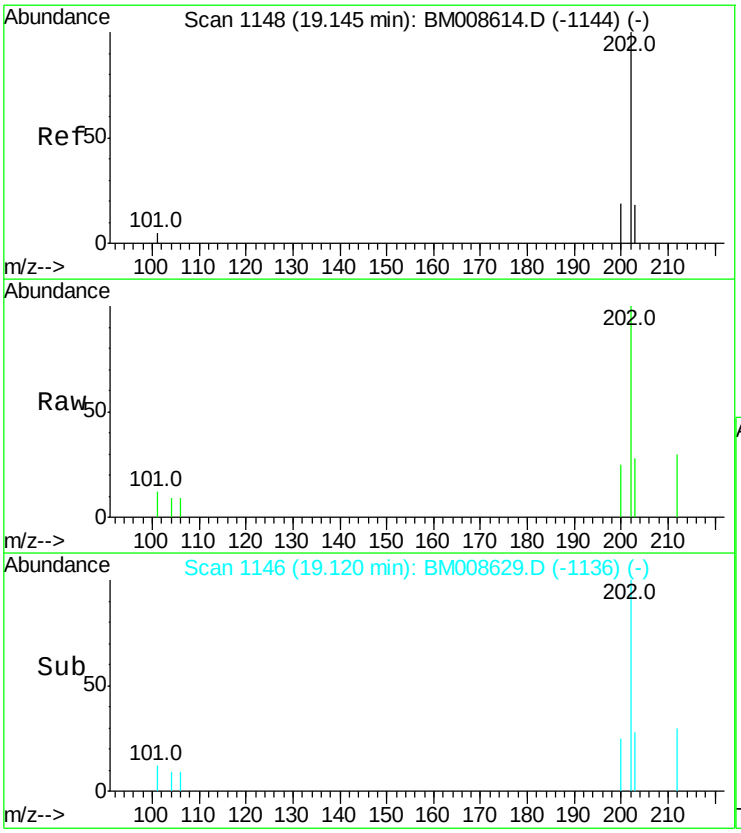
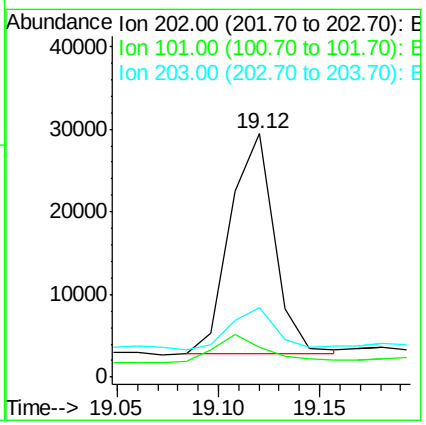
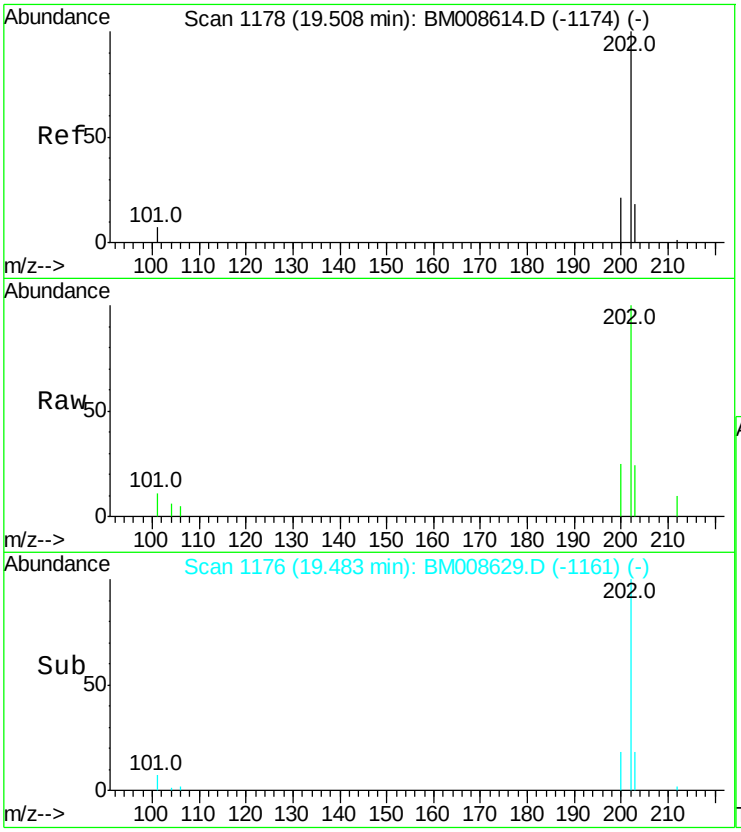


#15
Fluoranthene
Concen: 3.97 ng/ul m
RT: 19.12 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BM008629.D
Acq: 24 Dec 2016 12:18

Tgt Ion:202 Resp: 40056

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.3
203	28.5	0.0	39.5

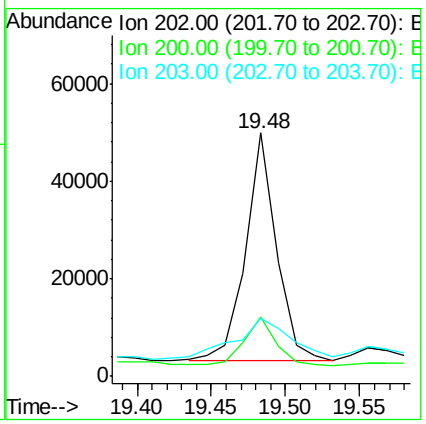




#17
Pyrene
Concen: 6.31 ng/ul m
RT: 19.48 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BM008629.D
Acq: 24 Dec 2016 12:18

Tgt Ion:202 Resp: 67724

Ion	Ratio	Lower	Upper
202	100		
200	24.6	18.2	27.4
203	24.1	15.6	23.4#



Instrument :
BNA_M
ClientSampleId :
DA8T9

Manual Integrations APPROVED
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