Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
Data File : BM008644.D
Acq On : 24 Dec 2016 22:22
Operator : UM/SJ
Sample : H6069-04DL 2X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7J0DL

Manual Integrations APPROVED
Sohil
12/27/2016 5:20:52 PM

Quant Time: Dec 26 01:07:44 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	421	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.43	136	1351	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.28	164	865	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1715m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.26	240	1508	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	1284m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	497	0.24	ng/ul	-0.03
14) Fluoranthene-d10	19.08	212	1773m	0.38	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.48	128	437	0.11	ng/ul#	67
5) 2-Methylnaphthalene	12.12	142	543	0.21	ng/ul	98
9) Fluorene	15.29	166	340	0.10	ng/ul#	34
12) Phenanthrene	17.07	178	1204m	0.23	ng/ul	
15) Fluoranthene	19.12	202	377	0.06	ng/ul	58
17) Pyrene	19.47	202	735	0.13	ng/ul#	51

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

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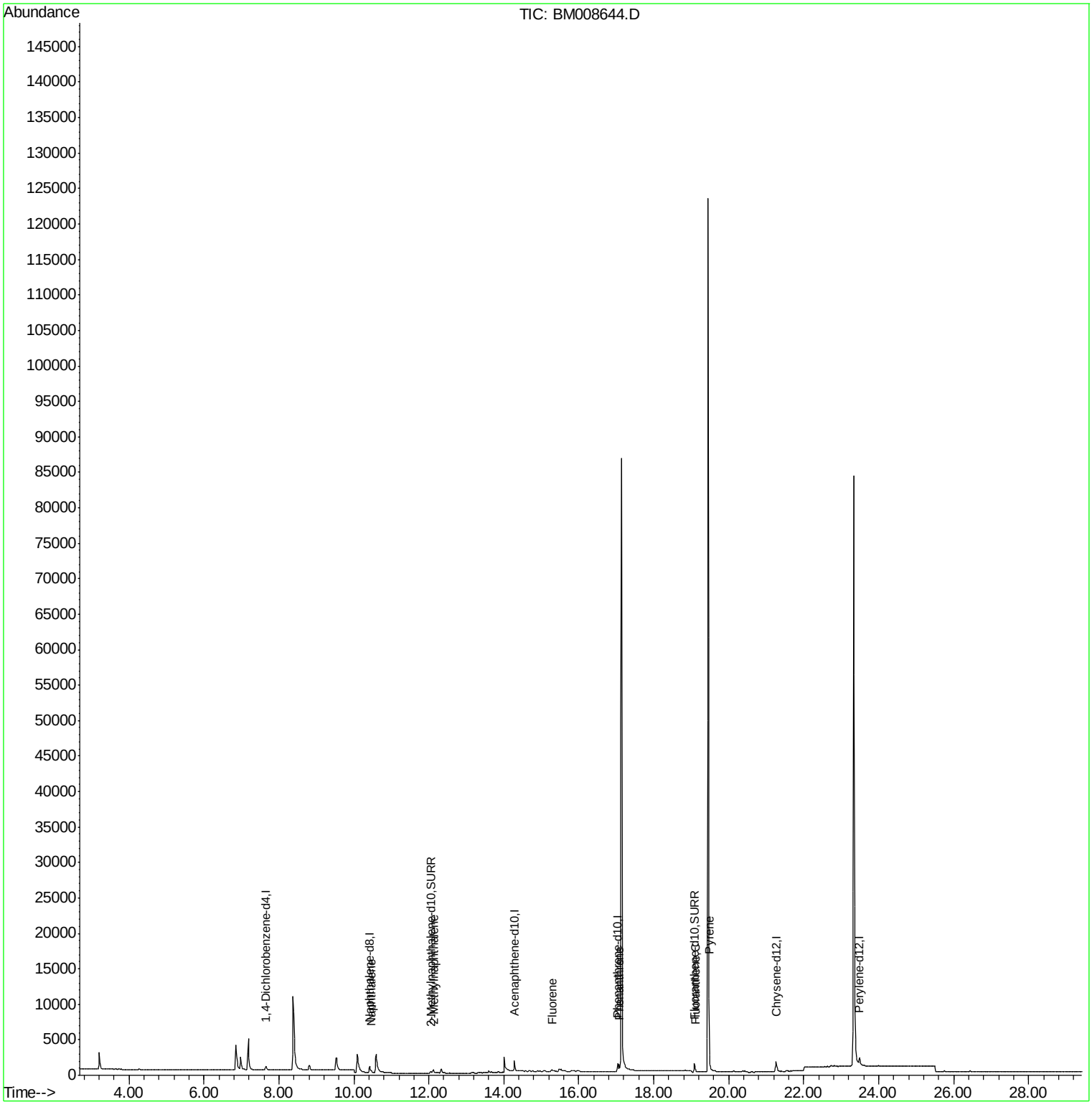
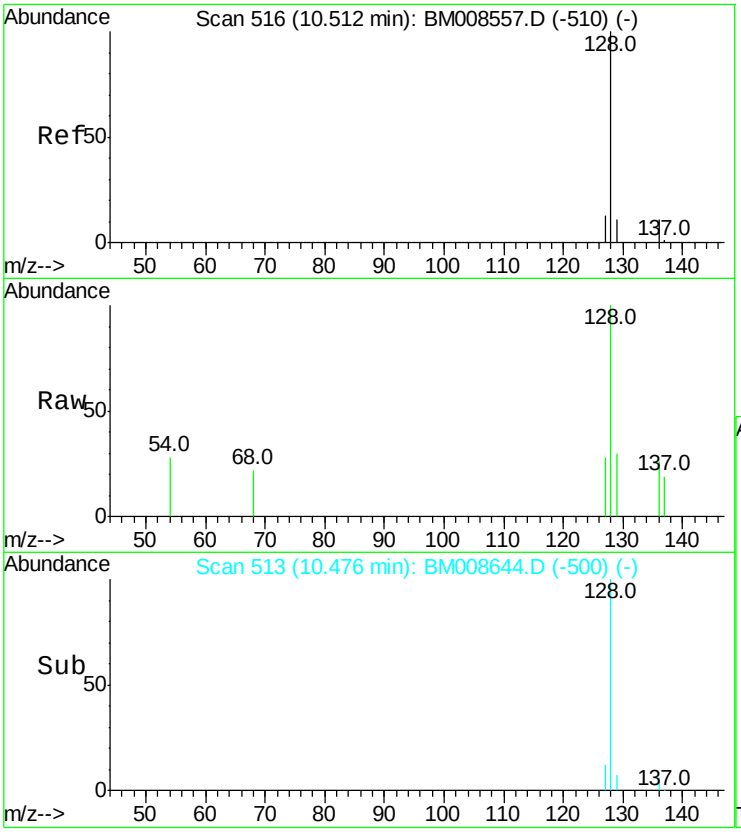
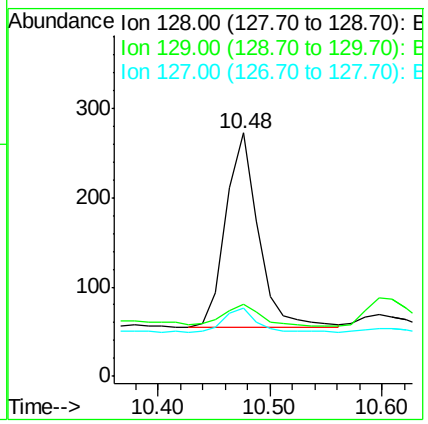




#3
Naphthalene
Concen: 0.11 ng/ul
RT: 10.48 min Scan# 513
Delta R.T. -0.05 min
Lab File: BM008644.D
Acq: 24 Dec 2016 22:22

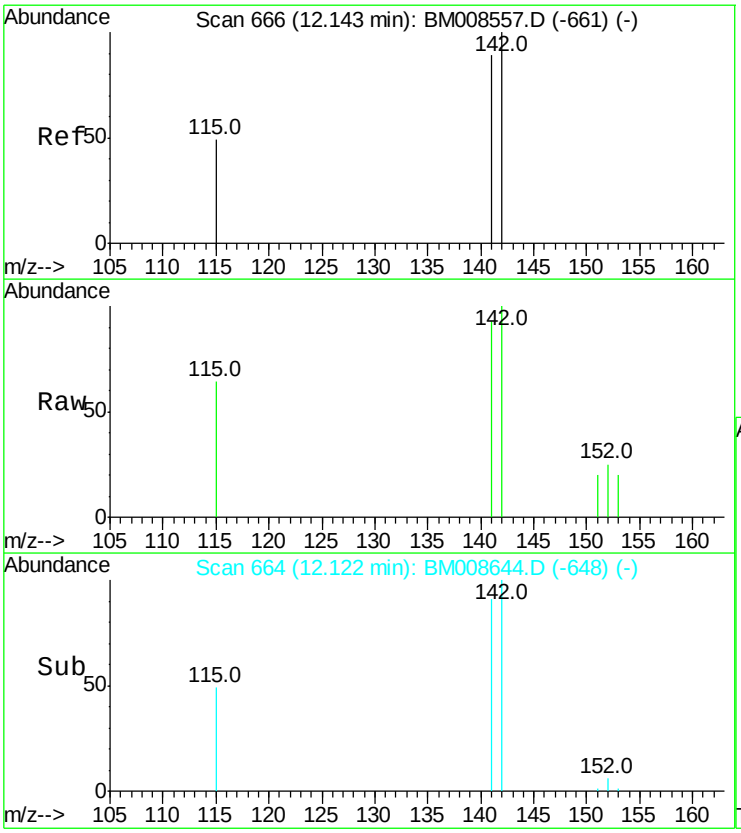
Tgt Ion:128 Resp: 437

Ion	Ratio	Lower	Upper
128	100		
129	29.8	11.3	16.9#
127	27.9	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA7J0DL

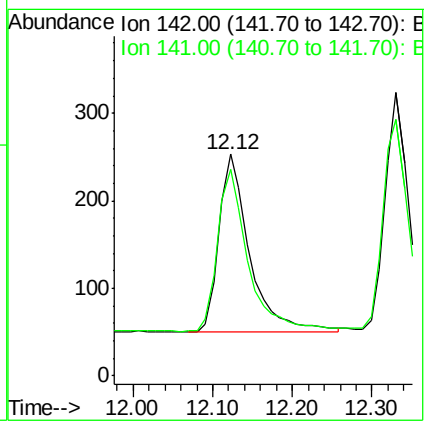
Manual Integrations APPROVED
Sohil
12/27/2016 5:20:52 PM

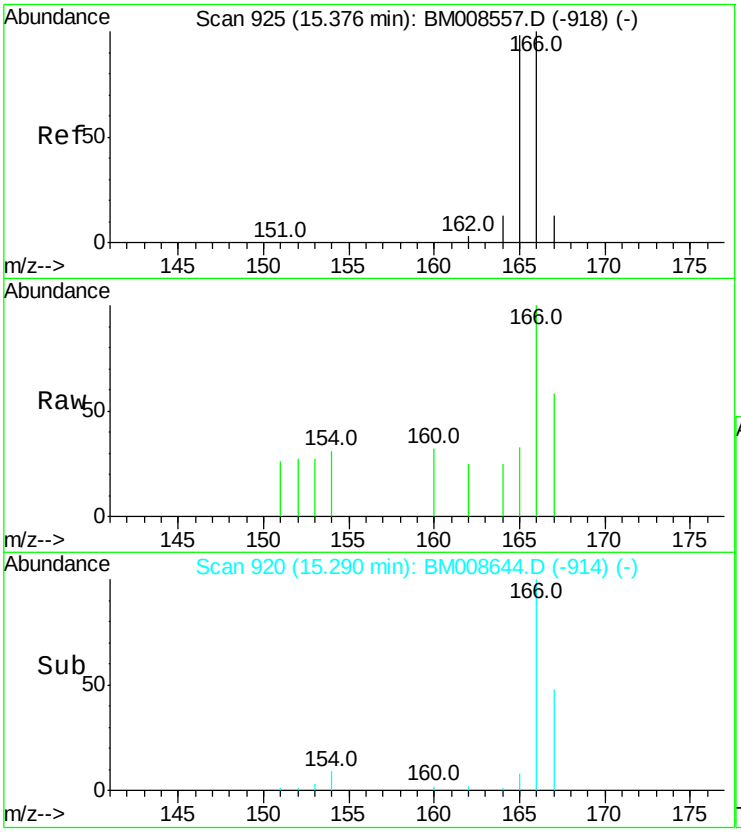


#5
2-Methylnaphthalene
Concen: 0.21 ng/ul
RT: 12.12 min Scan# 664
Delta R.T. -0.03 min
Lab File: BM008644.D
Acq: 24 Dec 2016 22:22

Tgt Ion:142 Resp: 543

Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.6	108.8

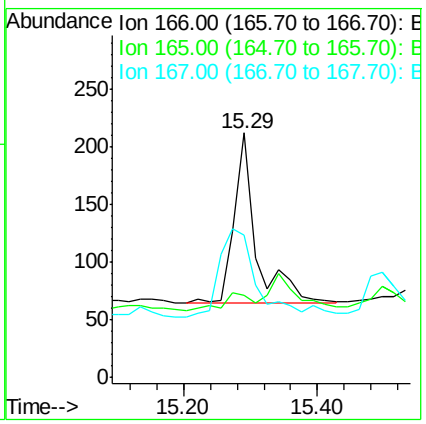




#9
Fluorene
Concen: 0.10 ng/ul
RT: 15.29 min Scan# 920
Delta R.T. -0.10 min
Lab File: BM008644.D
Acq: 24 Dec 2016 22:22

Tgt Ion:166 Resp: 340

Ion	Ratio	Lower	Upper
166	100		
165	33.5	73.4	110.2#
167	58.0	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
DA7J0DL

Manual Integrations APPROVED
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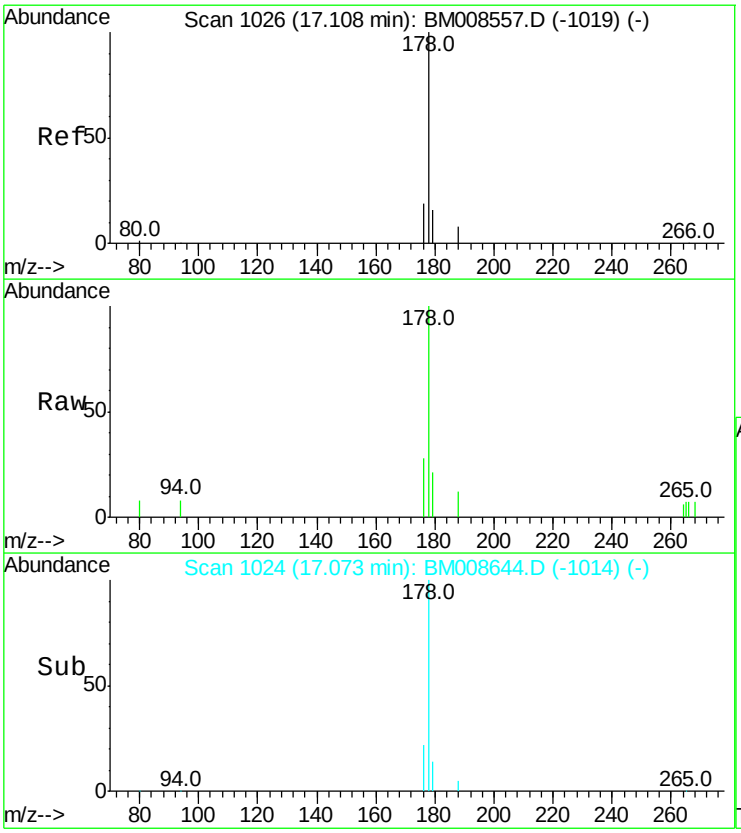
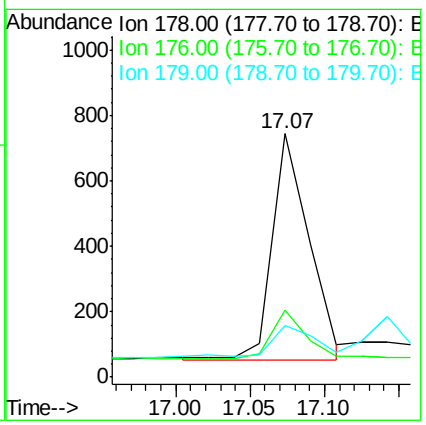
12/27/2016 5:20:52 PM

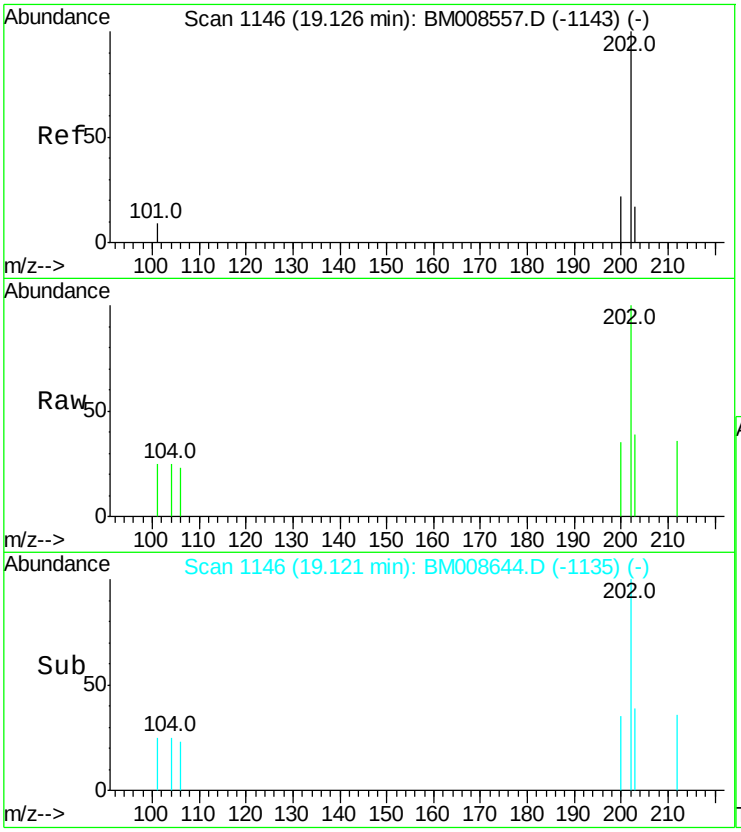


#12
Phenanthrene
Concen: 0.23 ng/ul m
RT: 17.07 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BM008644.D
Acq: 24 Dec 2016 22:22

Tgt Ion:178 Resp: 1204

Ion	Ratio	Lower	Upper
178	100		
176	27.7	18.4	27.6#
179	21.4	13.6	20.4#

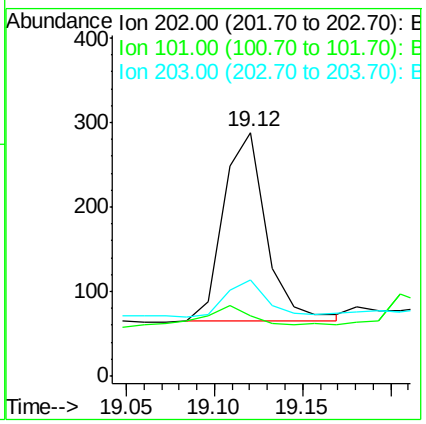




#15
Fluoranthene
Concen: 0.06 ng/ul
RT: 19.12 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM008644.D
Acq: 24 Dec 2016 22:22

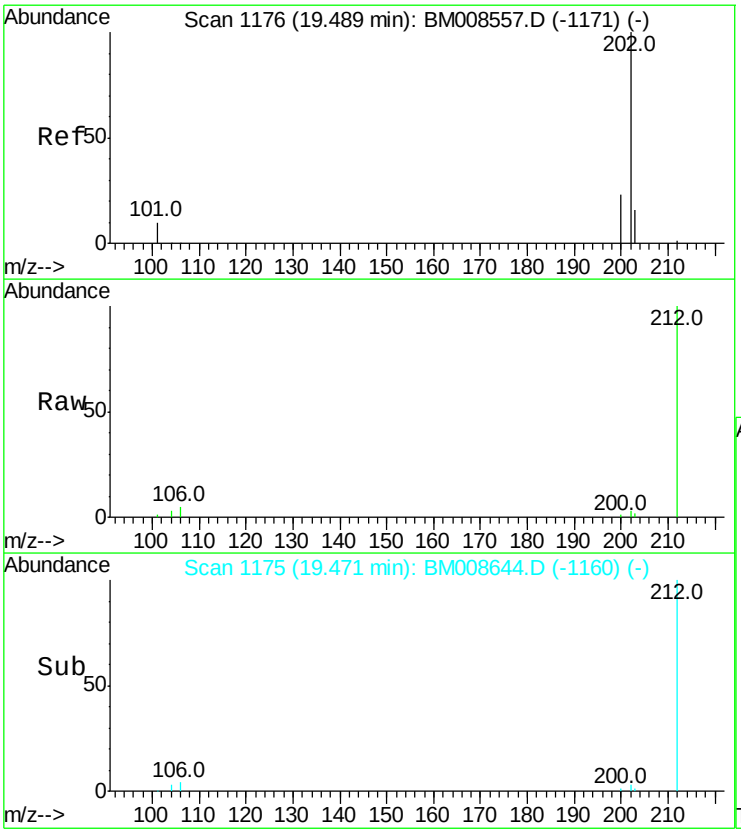
Tgt Ion:202 Resp: 377

Ion	Ratio	Lower	Upper
202	100		
101	24.7	0.0	30.3
203	39.2	0.0	39.5



Instrument :
BNA_M
ClientSampleId :
DA7J0DL

Manual Integrations APPROVED
Sohil
12/27/2016 5:20:52 PM



#17
Pyrene
Concen: 0.13 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BM008644.D
Acq: 24 Dec 2016 22:22

Tgt Ion:202 Resp: 735

Ion	Ratio	Lower	Upper
202	100		
200	36.2	18.2	27.4#
203	53.1	15.6	23.4#