Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
Data File : BM008561.D
Acq On : 22 Dec 2016 18:24
Operator : UM/SJ
Sample : H6039-19RE
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8T3RE

Manual Integrations APPROVED
UMANGI
12/28/2016 8:26:43 AM

Quant Time: Jan 03 09:20:44 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 27 15:49:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	594m	0.40	ng/ul	-0.19
2) Naphthalene-d8	10.40	136	28687m	0.40	ng/ul	-0.17
6) Acenaphthene-d10	14.28	164	7051m	0.40	ng/ul	-0.07
10) Phenanthrene-d10	17.04	188	2152m	0.40	ng/ul	-0.09
16) Chrysene-d12	21.25	240	1875m	0.40	ng/ul	-0.04
20) Perylene-d12	23.48	264	1974m	0.40	ng/ul	-0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	8122m	0.18	ng/ul	-0.21
14) Fluoranthene-d10	19.08	212	1718m	0.29	ng/ul	-0.07
Target Compounds						Qvalue
3) Naphthalene	10.48	128	3713m	0.05	ng/ul	
5) 2-Methylnaphthalene	12.10	142	84323m	1.55	ng/ul	
8) Acenaphthene	14.35	153	11153m	0.46	ng/ul	
9) Fluorene	15.36	166	17629m	0.64	ng/ul	

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

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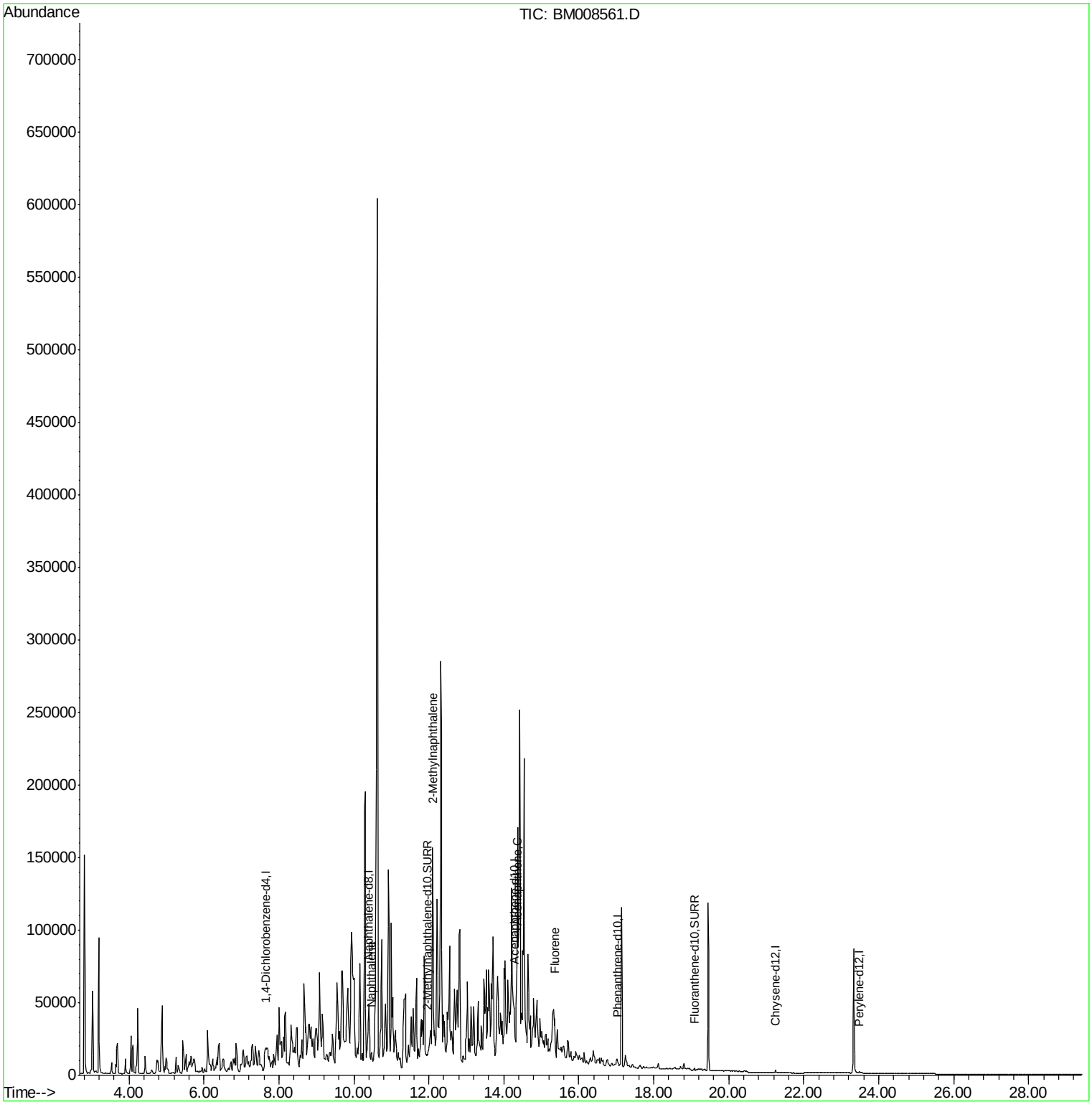
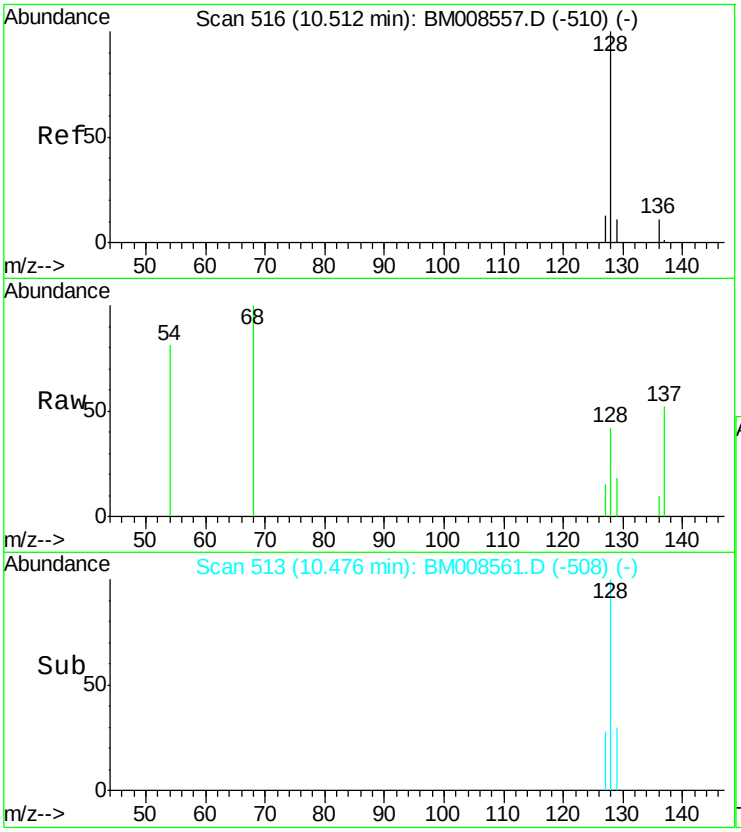
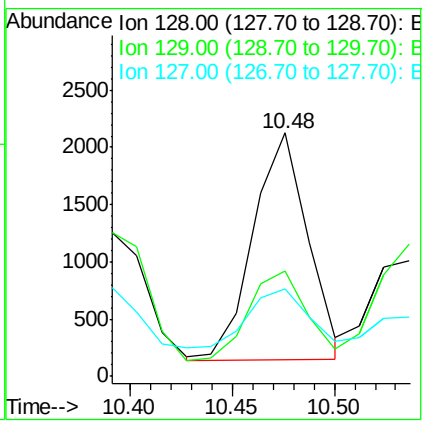




#3
Naphthalene
Concen: 0.05 ng/ul m
RT: 10.48 min Scan# 513
Delta R.T. -0.15 min
Lab File: BM008561.D
Acq: 22 Dec 2016 18:24

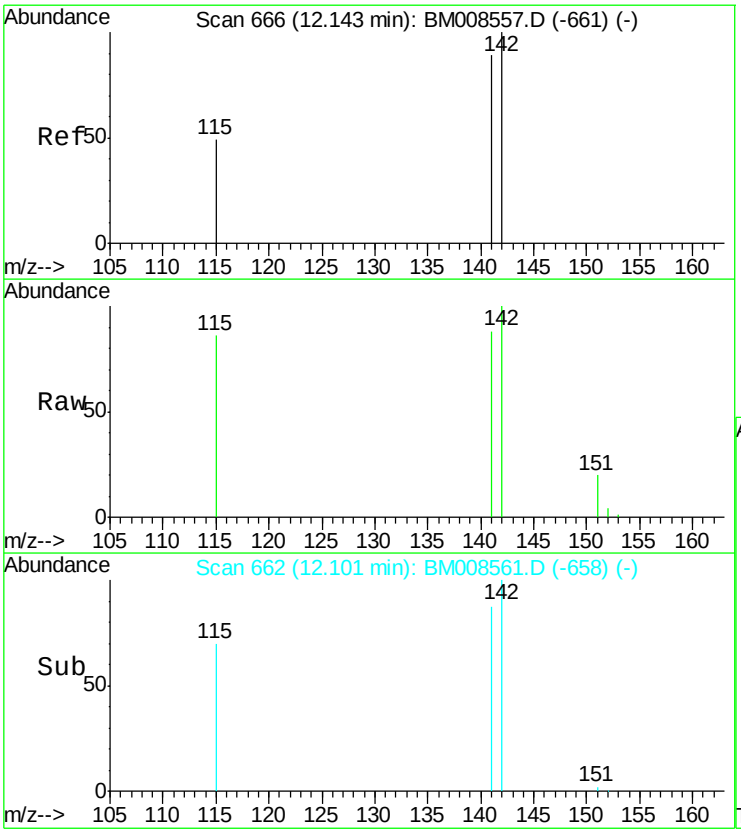
Tgt Ion:128 Resp: 3713

Ion	Ratio	Lower	Upper
128	100		
129	43.4	11.3	16.9#
127	36.1	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA8T3RE

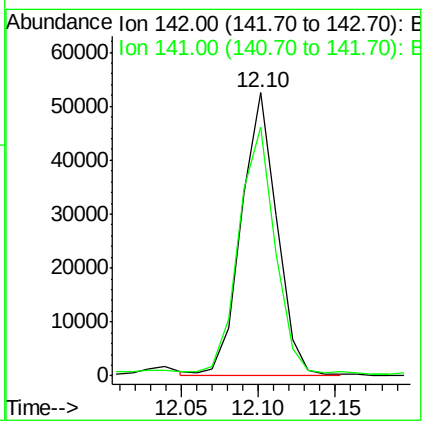
Manual Integrations APPROVED
UMANGI
12/28/2016 8:26:43 AM

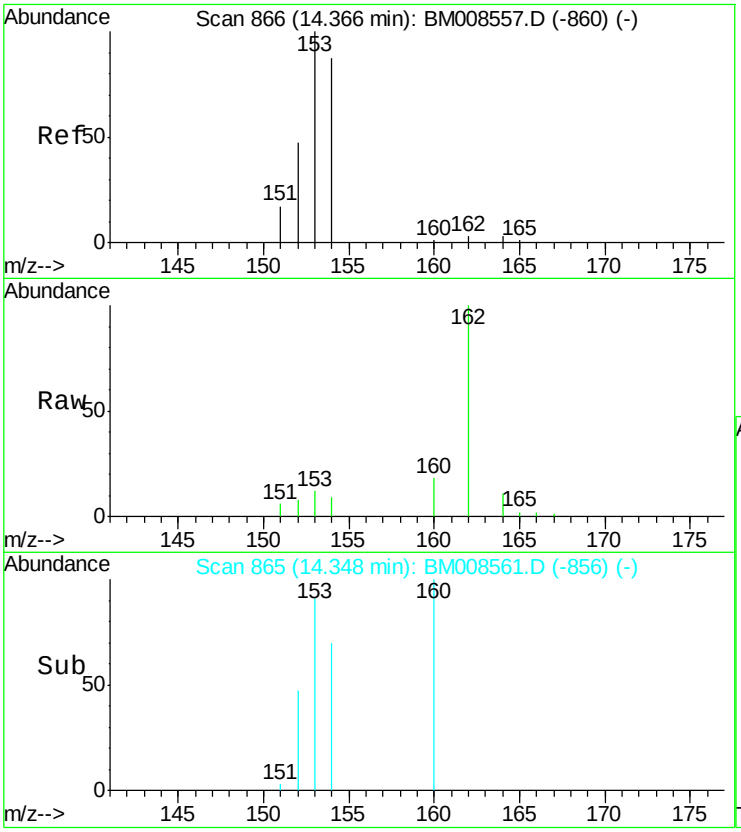


#5
2-Methylnaphthalene
Concen: 1.55 ng/ul m
RT: 12.10 min Scan# 662
Delta R.T. -0.16 min
Lab File: BM008561.D
Acq: 22 Dec 2016 18:24

Tgt Ion:142 Resp: 84323

Ion	Ratio	Lower	Upper
142	100		
141	192.3	72.6	108.8#

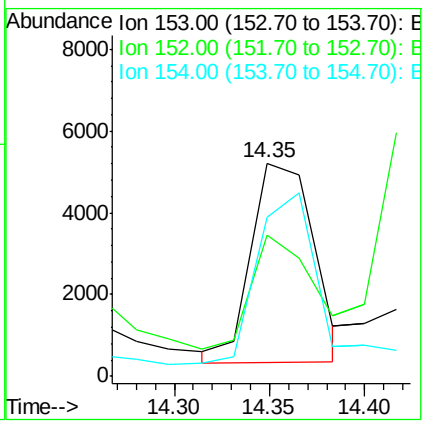




#8
Acenaphthene
Concen: 0.46 ng/ul m
RT: 14.35 min Scan# 865
Delta R.T. -0.05 min
Lab File: BM008561.D
Acq: 22 Dec 2016 18:24

Tgt Ion:153 Resp: 11153

Ion	Ratio	Lower	Upper
153	100		
152	66.1	40.3	60.5#
154	74.5	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
DA8T3RE

Manual Integrations APPROVED
UMANGI
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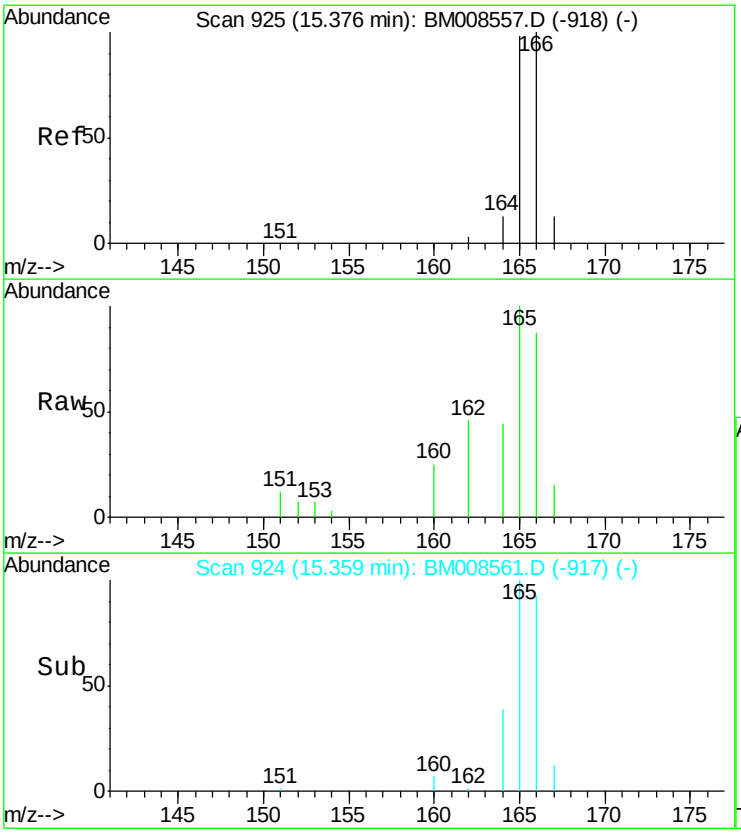

#9
Fluorene
Concen: 0.64 ng/ul m
RT: 15.36 min Scan# 924
Delta R.T. -0.09 min
Lab File: BM008561.D
Acq: 22 Dec 2016 18:24

Tgt Ion:166 Resp: 17629

Ion	Ratio	Lower	Upper
166	100		
165	114.7	73.4	110.2#
167	17.4	14.6	22.0