Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008538.D
Acq On : 22 Dec 2016 03:49
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA887

Manual Integrations APPROVED
Sohil
12/22/2016 12:36:30 PM

Quant Time: Dec 22 06:14:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	435	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.42	136	1452m	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.28	164	2119	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	2271m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.25	240	1797	0.40	ng/ul	-0.01
20) Perylene-d12	23.47	264	1717m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	604	0.27	ng/ul	0.02
14) Fluoranthene-d10	19.08	212	1919m	0.31	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.46	128	6230	1.53	ng/ul	97
5) 2-Methylnaphthalene	12.08	142	8252	3.00	ng/ul	96
8) Acenaphthene	14.35	153	2970	0.41	ng/ul#	71
9) Fluorene	15.34	166	1770	0.22	ng/ul#	71

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

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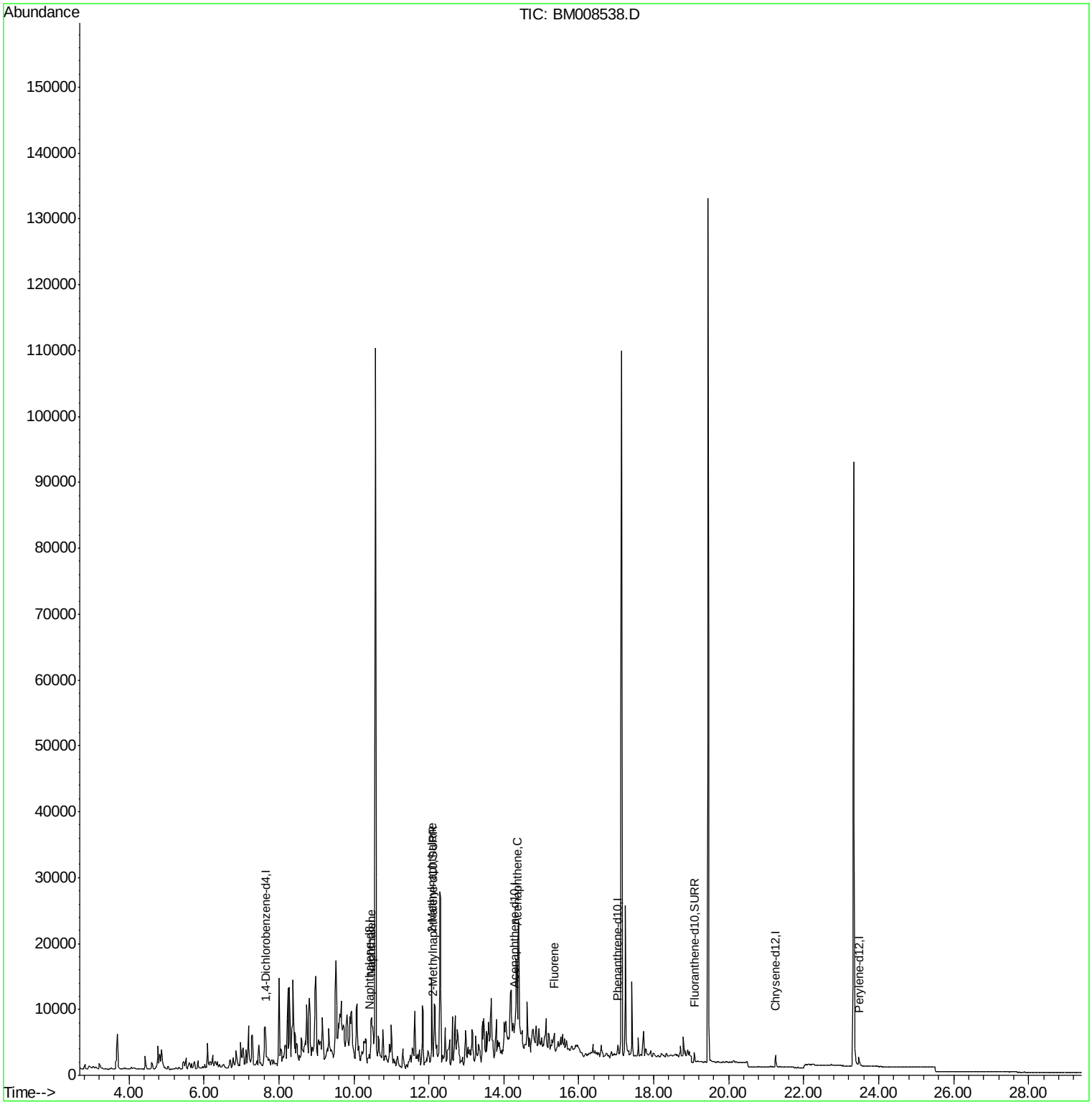
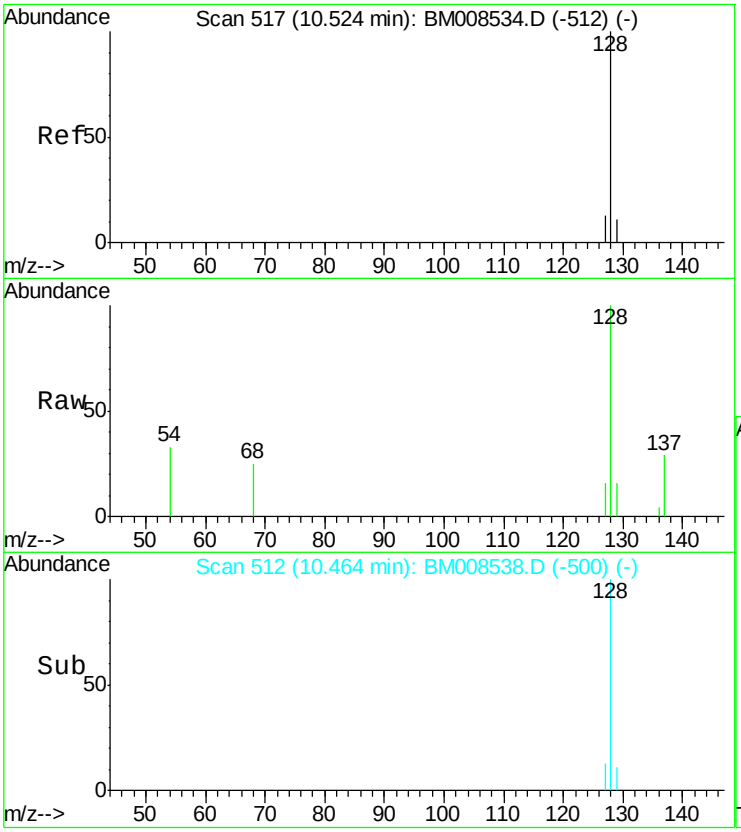
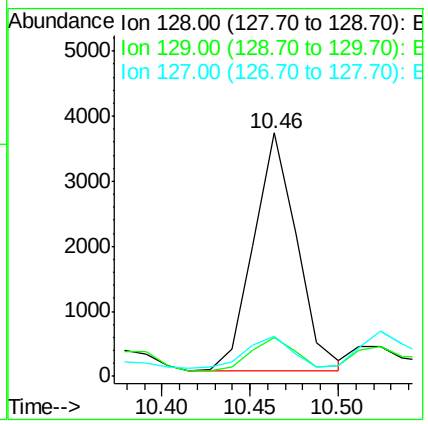




#3
Naphthalene
Concen: 1.53 ng/ul
RT: 10.46 min Scan# 512
Delta R.T. -0.06 min
Lab File: BM008538.D
Acq: 22 Dec 2016 03:49

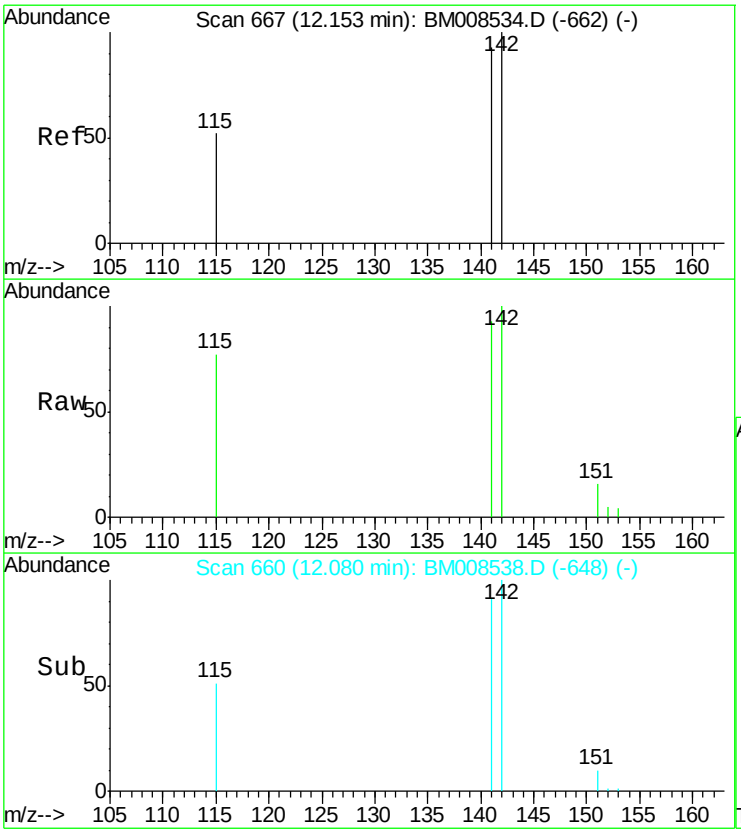
Tgt Ion:128 Resp: 6230

Ion	Ratio	Lower	Upper
128	100		
129	16.1	11.3	16.9
127	16.4	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA887

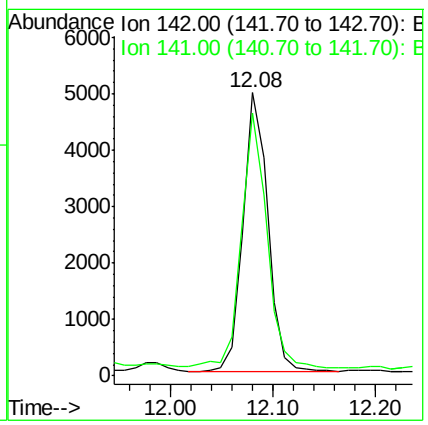
Manual Integrations APPROVED
Sohil
12/22/2016 12:36:30 PM

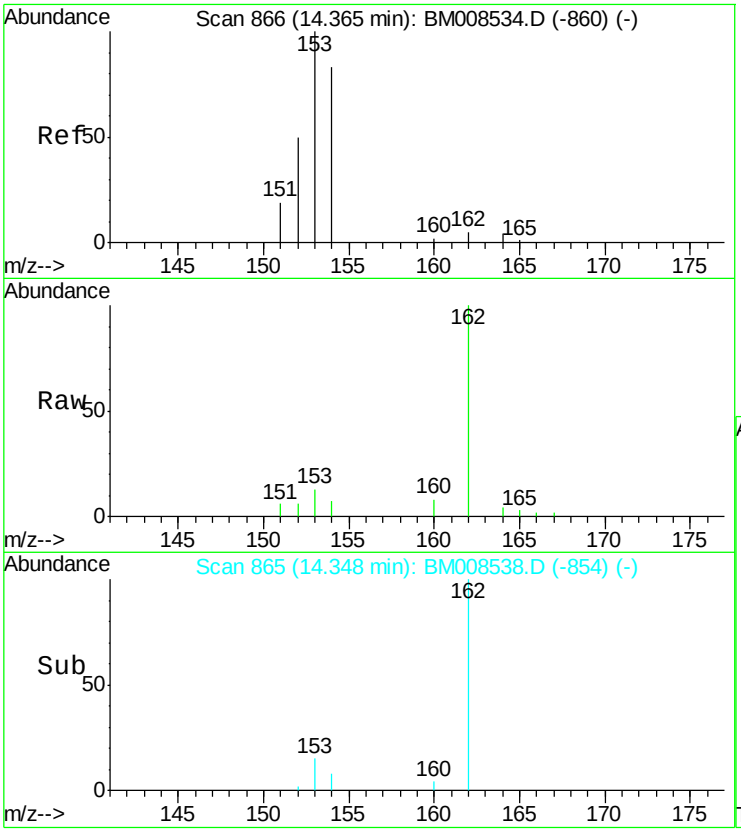


#5
2-Methylnaphthalene
Concen: 3.00 ng/ul
RT: 12.08 min Scan# 660
Delta R.T. -0.07 min
Lab File: BM008538.D
Acq: 22 Dec 2016 03:49

Tgt Ion:142 Resp: 8252

Ion	Ratio	Lower	Upper
142	100		
141	94.8	72.6	108.8

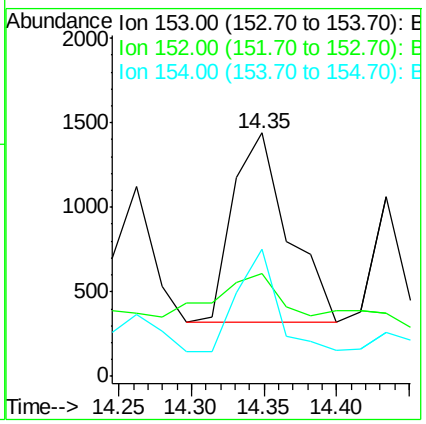




#8
Acenaphthene
Concen: 0.41 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.02 min
Lab File: BM008538.D
Acq: 22 Dec 2016 03:49

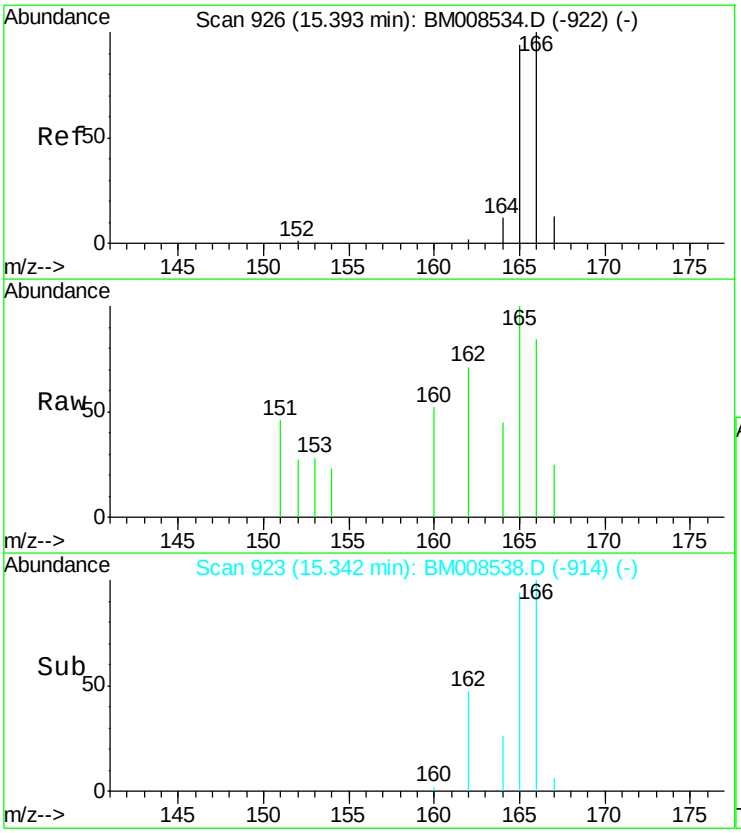
Tgt Ion:153 Resp: 2970

Ion	Ratio	Lower	Upper
153	100		
152	42.4	40.3	60.5
154	52.2	71.4	107.2#



Instrument :
BNA_M
ClientSampleId :
DA887

Manual Integrations APPROVED
Sohil
12/22/2016 12:36:30 PM



#9
Fluorene
Concen: 0.22 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.05 min
Lab File: BM008538.D
Acq: 22 Dec 2016 03:49

Tgt Ion:166 Resp: 1770

Ion	Ratio	Lower	Upper
166	100		
165	119.4	73.4	110.2#
167	30.2	14.6	22.0#