Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007891.D
Acq On : 15 Nov 2016 14:15
Operator : UM/SJ
Sample : H5626-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F2J04

Manual Integrations APPROVED
Umangi
11/16/2016 6:01:17 PM

Quant Time: Nov 16 07:31:09 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 01:19:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1009	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	3313	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.37	164	1920	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	3415m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.32	240	3477	0.40	ng/ul	0.01
20) Perylene-d12	23.57	264	2599m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1411	0.36	ng/ul	-0.01
14) Fluoranthene-d10	19.16	212	2879m	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	7859	0.92	ng/ul	95
5) 2-Methylnaphthalene	12.18	142	1357	0.25	ng/ul	100
8) Acenaphthene	14.42	153	2136	0.31	ng/ul	90
9) Fluorene	15.43	166	488	0.06	ng/ul#	95

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

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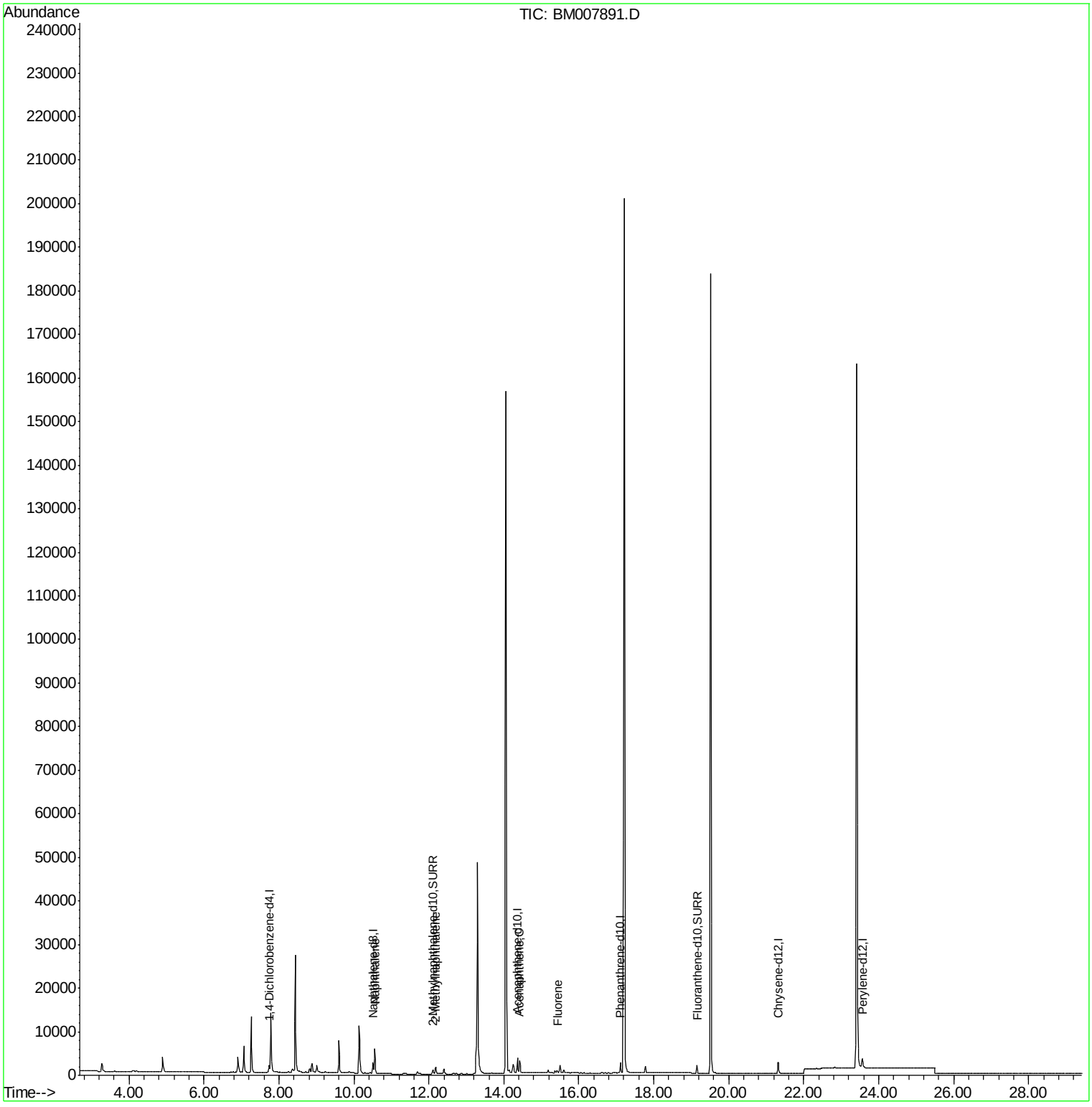
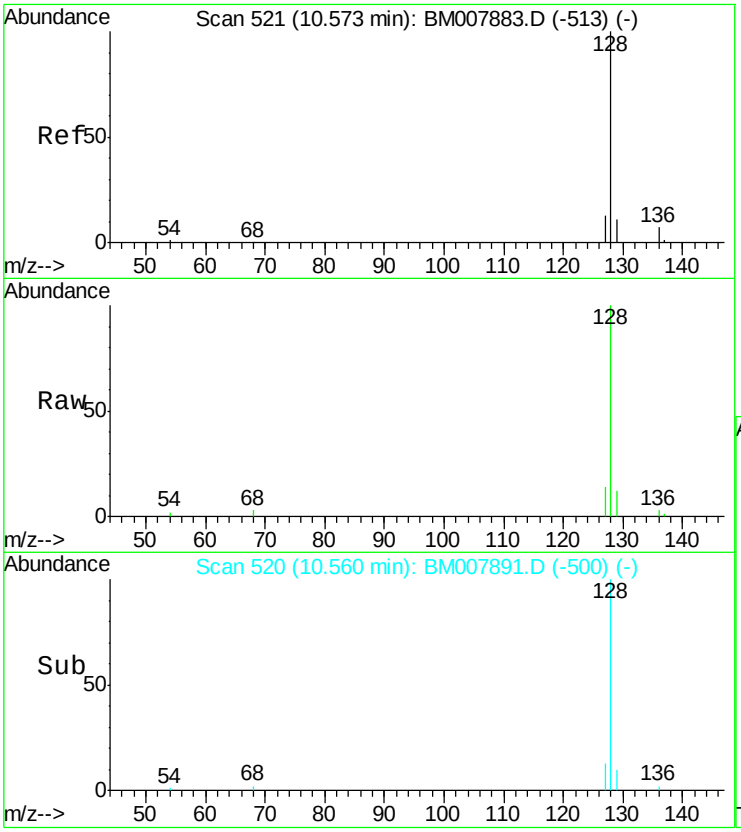
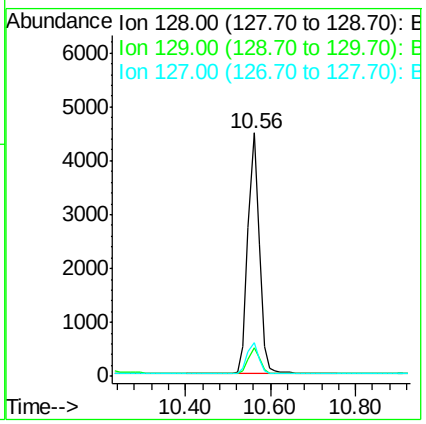




#3
Naphthalene
Concen: 0.92 ng/ul
RT: 10.56 min Scan# 520
Delta R.T. -0.01 min
Lab File: BM007891.D
Acq: 15 Nov 2016 14:15

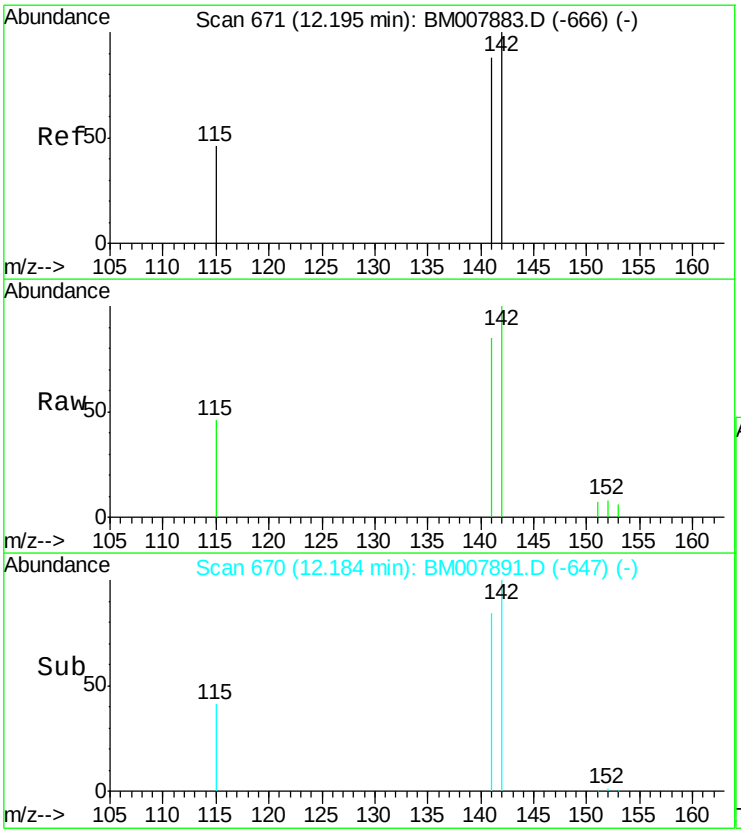
Tgt Ion:128 Resp: 7859

Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.3	16.9
127	13.9	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
F2J04

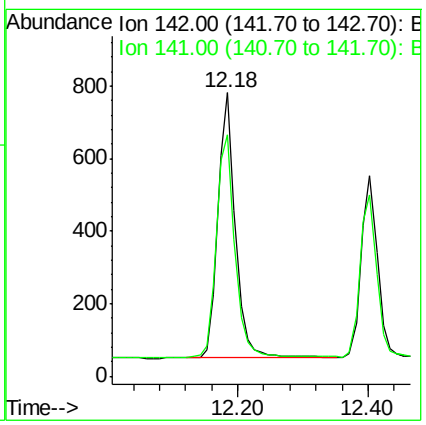
Manual Integrations APPROVED
Umangi
11/16/2016 6:01:17 PM

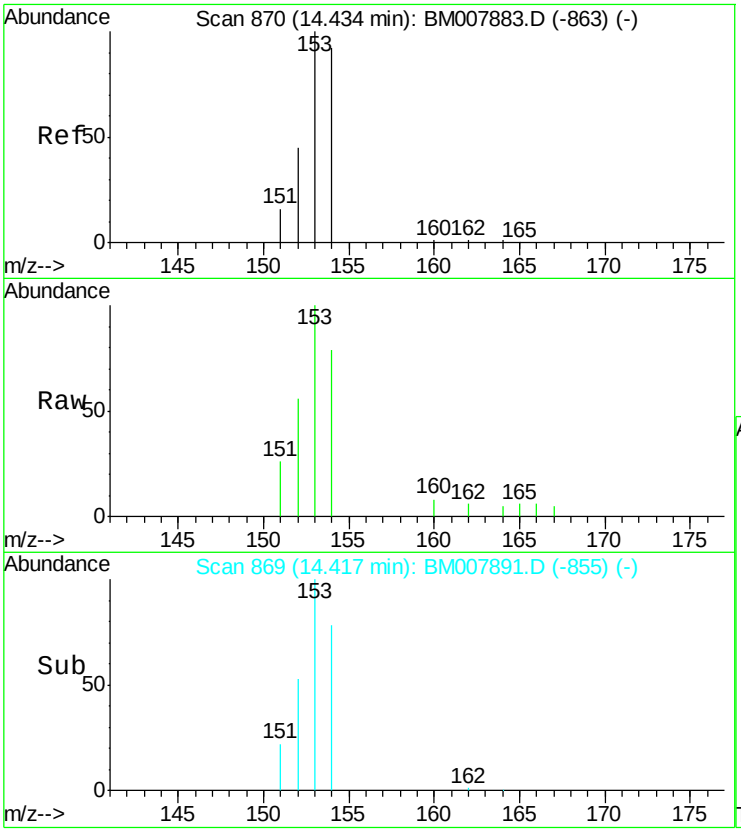


#5
2-Methylnaphthalene
Concen: 0.25 ng/ul
RT: 12.18 min Scan# 670
Delta R.T. -0.01 min
Lab File: BM007891.D
Acq: 15 Nov 2016 14:15

Tgt Ion:142 Resp: 1357

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.6	108.8

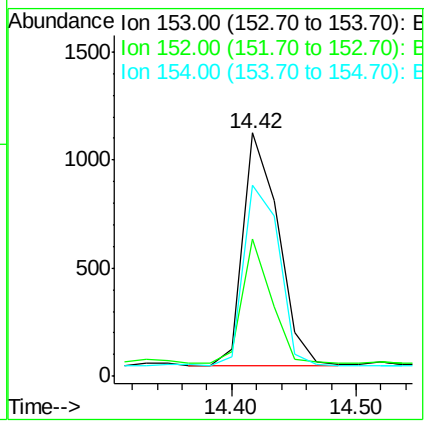




#8
Acenaphthene
Concen: 0.31 ng/ul
RT: 14.42 min Scan# 869
Delta R.T. -0.02 min
Lab File: BM007891.D
Acq: 15 Nov 2016 14:15

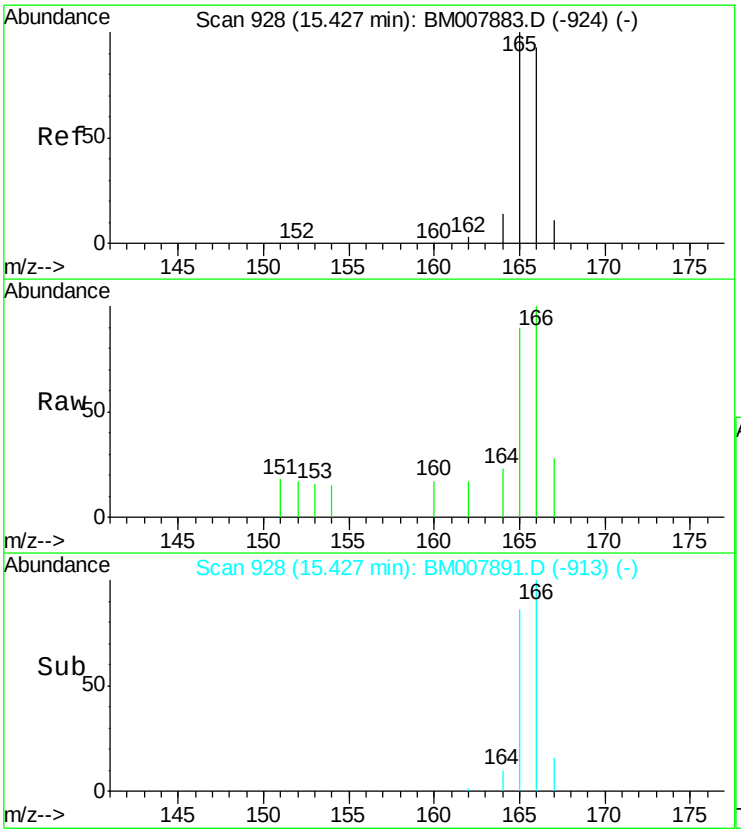
Tgt Ion:153 Resp: 2136

Ion	Ratio	Lower	Upper
153	100		
152	56.3	40.3	60.5
154	78.6	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
F2J04

Manual Integrations APPROVED
Umangi
11/16/2016 6:01:17 PM



#9
Fluorene
Concen: 0.06 ng/ul
RT: 15.43 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM007891.D
Acq: 15 Nov 2016 14:15

Tgt Ion:166 Resp: 488

Ion	Ratio	Lower	Upper
166	100		
165	90.2	73.4	110.2
167	28.4	14.6	22.0#