Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007908.D
Acq On : 16 Nov 2016 00:16
Operator : UM/SJ
Sample : H5612-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F2H09

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:02 PM

Quant Time: Nov 16 08:19:00 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 07:43:19 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	935	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	2977	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.37	164	1741	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	3151m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.31	240	3266	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	2616m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	1102	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	2308m	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	19664	2.57	ng/ul	93
5) 2-Methylnaphthalene	12.19	142	406	0.08	ng/ul	100
8) Acenaphthene	14.42	153	328	0.05	ng/ul#	89
9) Fluorene	15.43	166	395	0.06	ng/ul#	93

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

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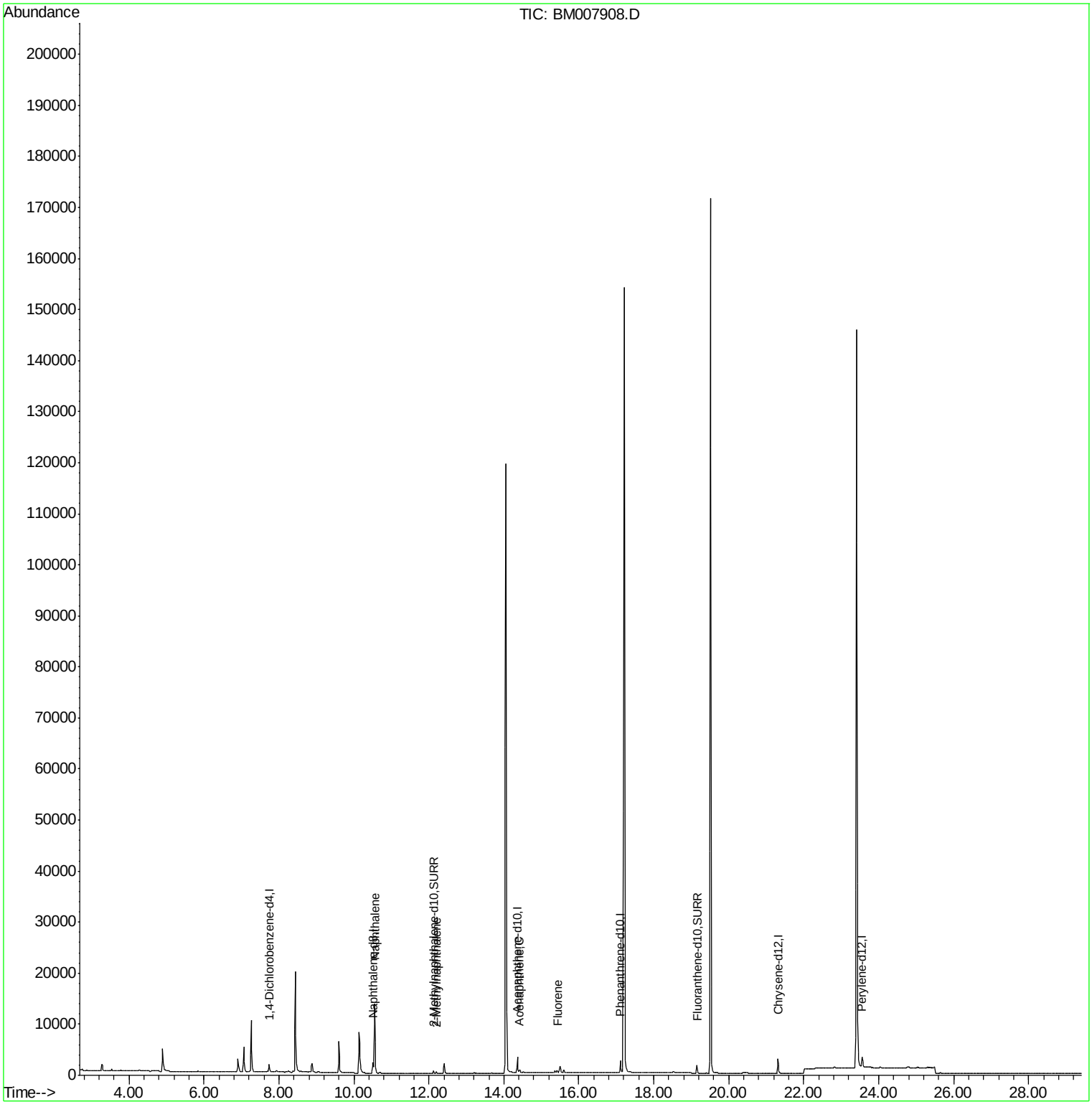
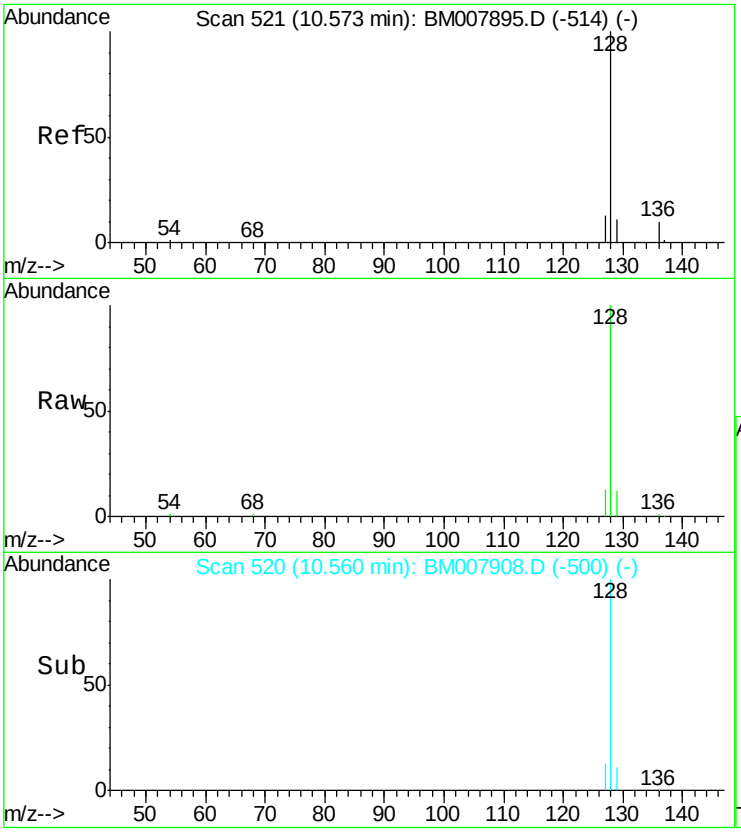
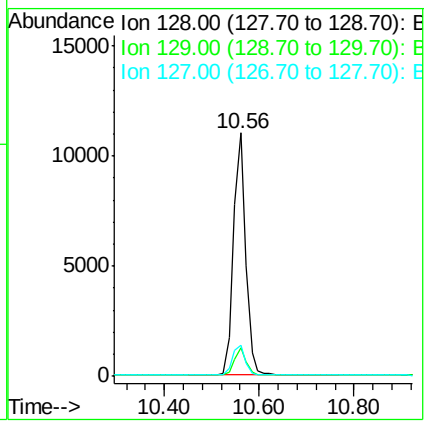




#3
Naphthalene
Concen: 2.57 ng/ul
RT: 10.56 min Scan# 520
Delta R.T. -0.01 min
Lab File: BM007908.D
Acq: 16 Nov 2016 00:16

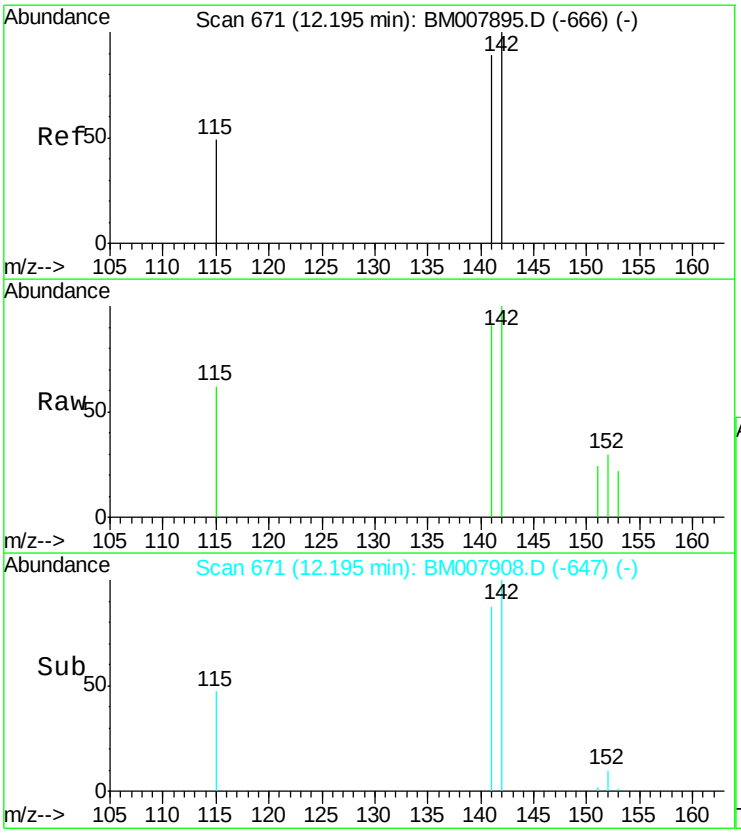
Tgt Ion:128 Resp: 19664

Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.3	16.9
127	12.9	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
F2H09

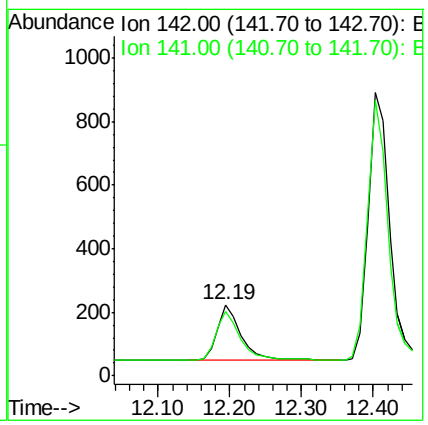
Manual Integrations APPROVED
Umangi
11/16/2016 6:02:02 PM

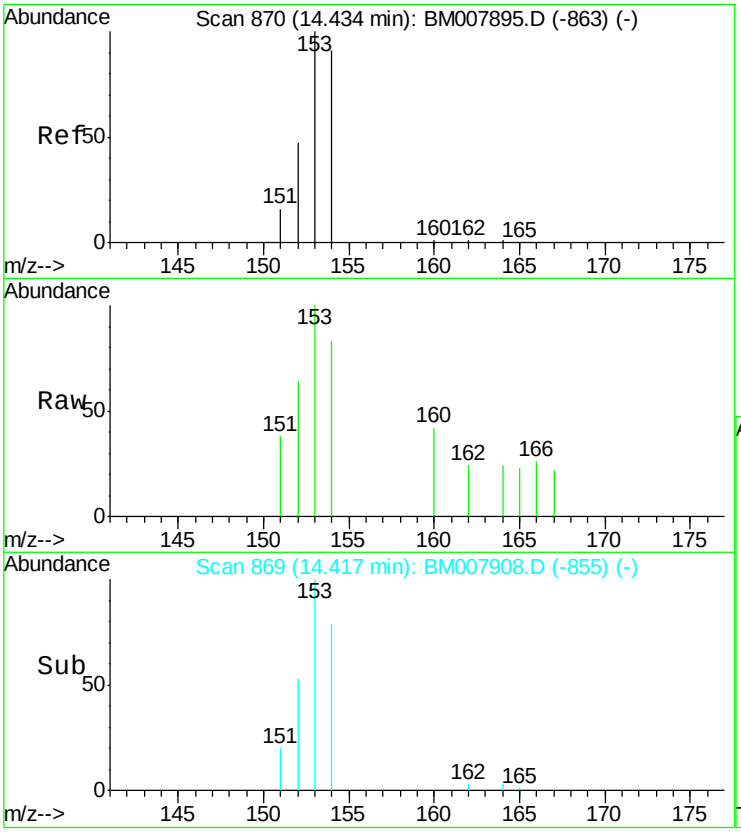


#5
2-Methylnaphthalene
Concen: 0.08 ng/ul
RT: 12.19 min Scan# 671
Delta R.T. -0.00 min
Lab File: BM007908.D
Acq: 16 Nov 2016 00:16

Tgt Ion:142 Resp: 406

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.6	108.8

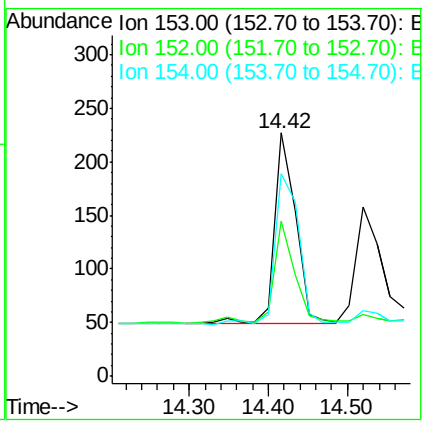




#8
Acenaphthene
Concen: 0.05 ng/ul
RT: 14.42 min Scan# 869
Delta R.T. -0.02 min
Lab File: BM007908.D
Acq: 16 Nov 2016 00:16

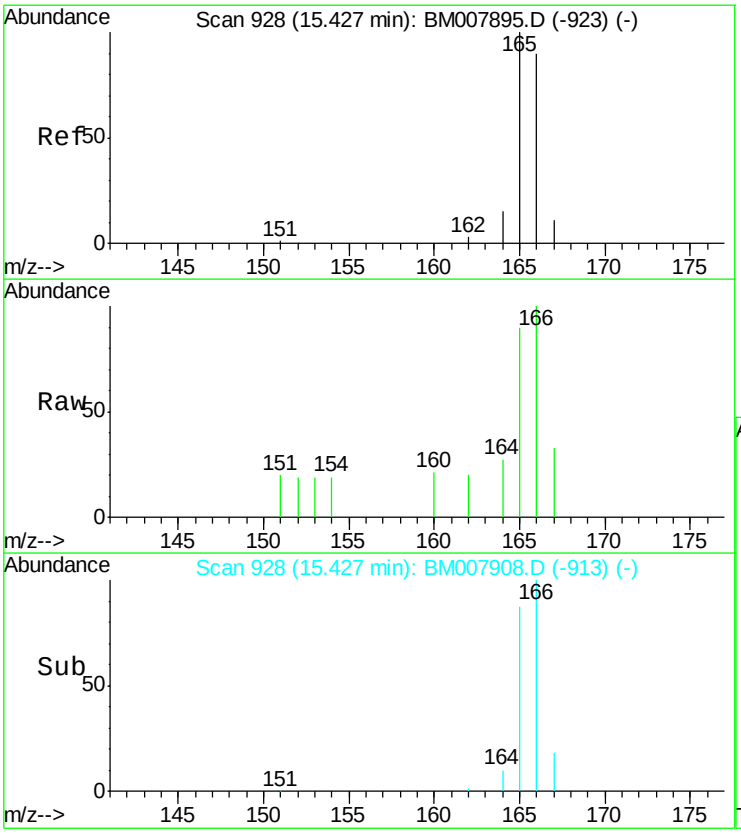
Tgt Ion:153 Resp: 328

Ion	Ratio	Lower	Upper
153	100		
152	63.9	40.3	60.5#
154	83.3	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
F2H09

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:02 PM



#9
Fluorene
Concen: 0.06 ng/ul
RT: 15.43 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM007908.D
Acq: 16 Nov 2016 00:16

Tgt Ion:166 Resp: 395

Ion	Ratio	Lower	Upper
166	100		
165	90.1	73.4	110.2
167	33.2	14.6	22.0#