Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110416\
Data File : BM007760.D
Acq On : 04 Nov 2016 18:34
Operator : UM/SJ
Sample : H5532-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0103MS

Manual Integrations APPROVED
Umangi
11/7/2016 5:29:30 PM

Quant Time: Nov 04 23:01:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 23:14:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	955	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	3188	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.38	164	1899	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	3624m	0.40	ng/ul	0.00
16) Chrysene-d12	21.32	240	3414	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	2780m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.13	152	1537	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	3486m	0.43	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.43	153	2022	0.30	ng/ul	94
11) Pentachlorophenol	16.78	266	31372	36.88	ng/ul	97
12) Phenanthrene	17.16	178	584m	0.06	ng/ul	
17) Pyrene	19.55	202	5320	0.45	ng/ul	99

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

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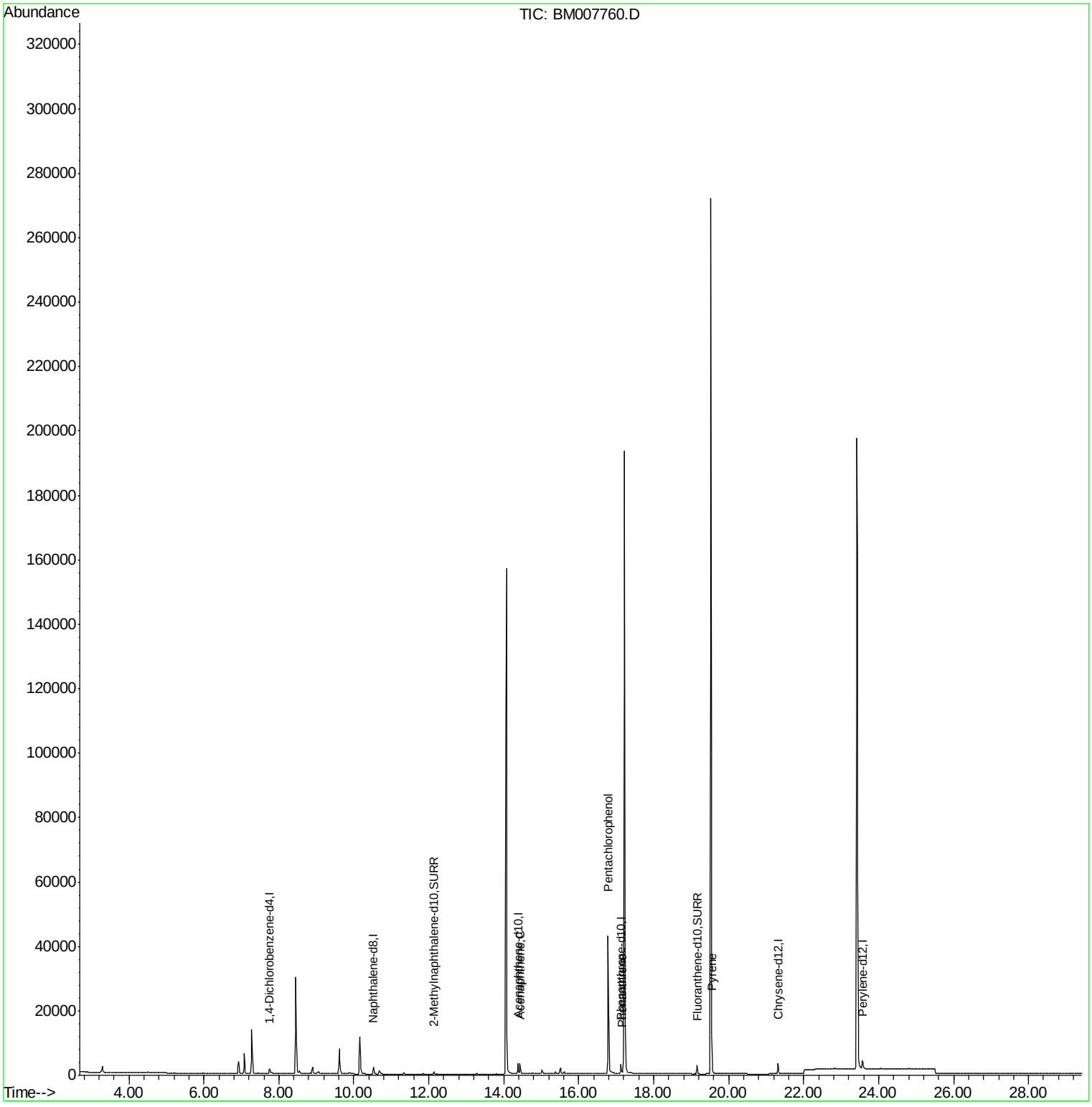
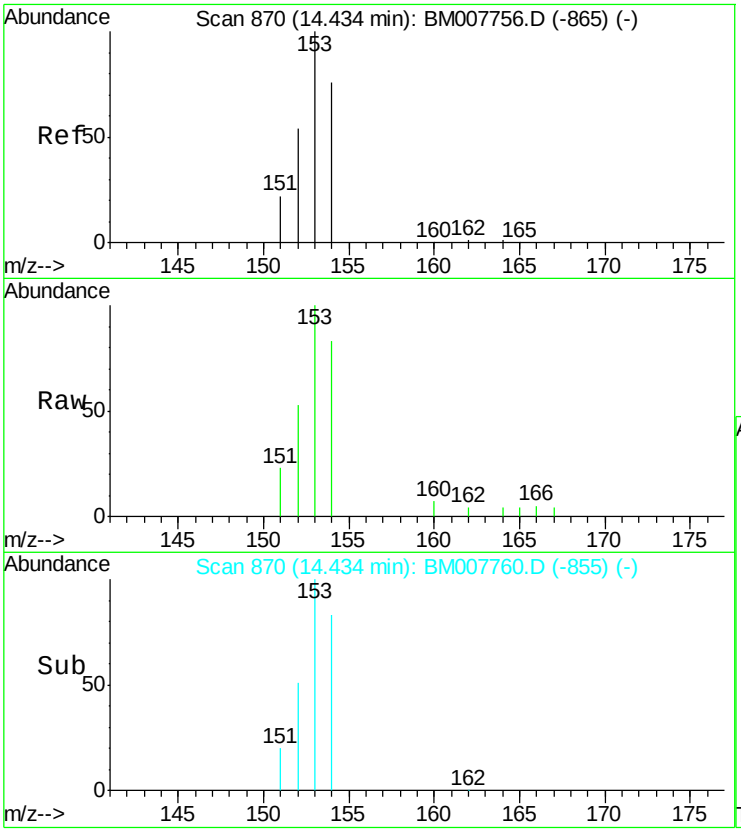
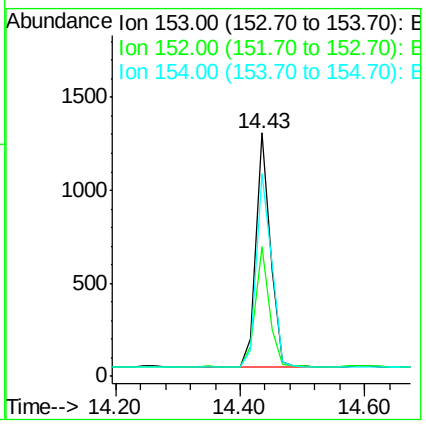




#8
Acenaphthene
Concen: 0.30 ng/ul
RT: 14.43 min Scan# 870
Delta R.T. 0.00 min
Lab File: BM007760.D
Acq: 04 Nov 2016 18:34

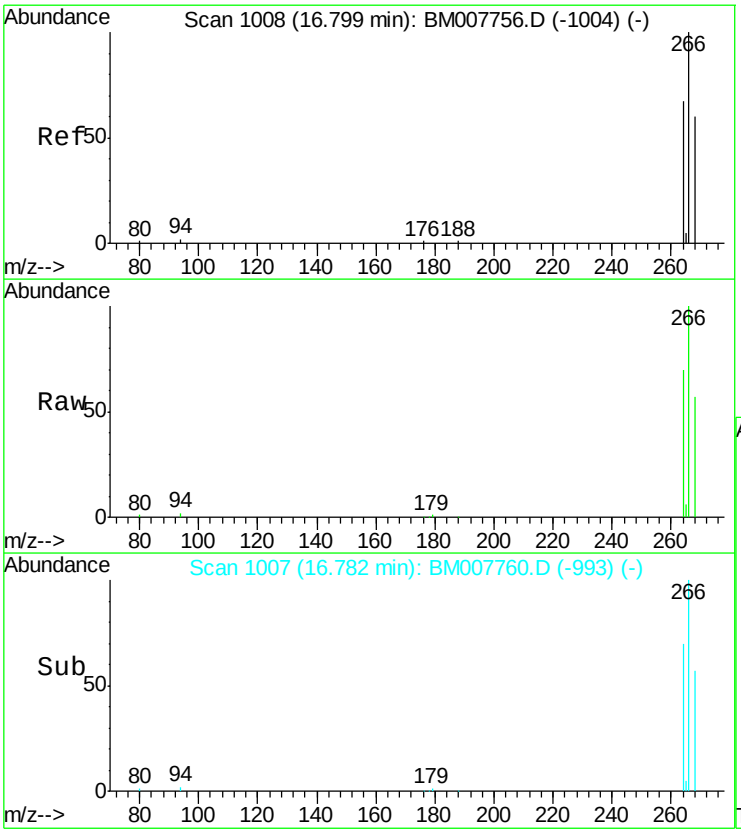
Tgt Ion:153 Resp: 2022

Ion	Ratio	Lower	Upper
153	100		
152	53.4	40.3	60.5
154	83.2	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
H0103MS

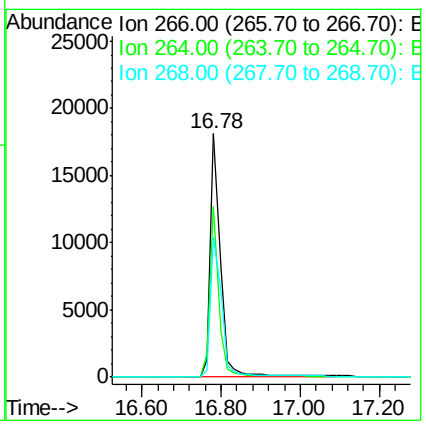
Manual Integrations APPROVED
Umangi
11/7/2016 5:29:30 PM

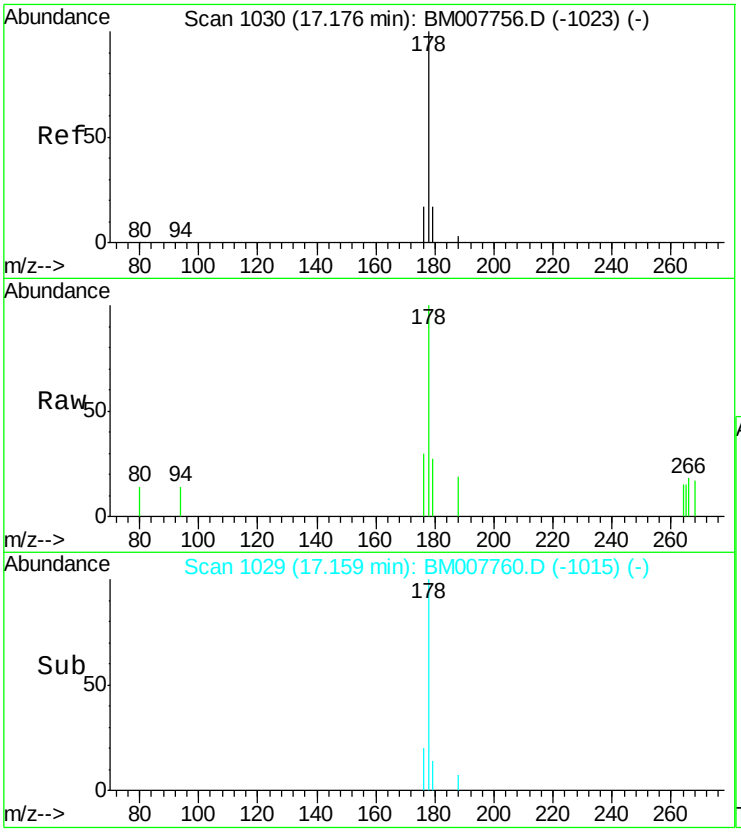


#11
Pentachlorophenol
Concen: 36.88 ng/ul
RT: 16.78 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BM007760.D
Acq: 04 Nov 2016 18:34

Tgt Ion:266 Resp: 31372

Ion	Ratio	Lower	Upper
266	100		
264	63.5	47.9	71.9
268	63.5	49.8	74.8

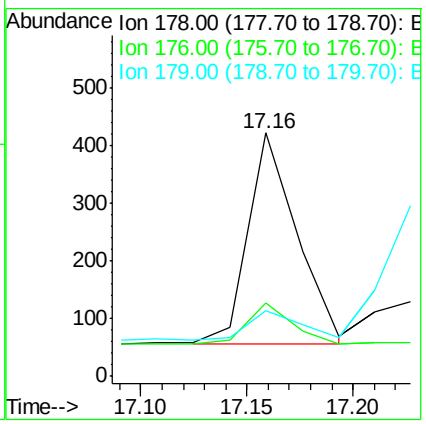




#12
Phenanthrene
Concen: 0.06 ng/ul m
RT: 17.16 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BM007760.D
Acq: 04 Nov 2016 18:34

Tgt Ion:178 Resp: 584

Ion	Ratio	Lower	Upper
178	100		
176	30.3	18.4	27.6#
179	27.0	13.6	20.4#



Instrument :
BNA_M
ClientSampleId :
H0103MS

Manual Integrations APPROVED
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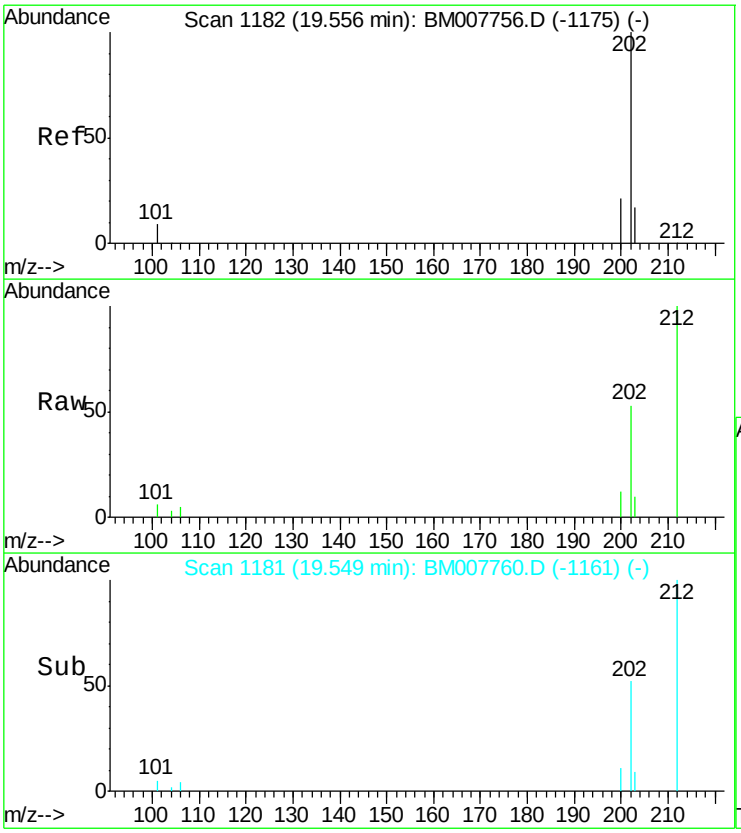
11/7/2016 5:29:30 PM



#17
Pyrene
Concen: 0.45 ng/ul
RT: 19.55 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BM007760.D
Acq: 04 Nov 2016 18:34

Tgt Ion:202 Resp: 5320

Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.2	27.4
203	19.0	15.6	23.4