Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008696.D
Acq On : 28 Dec 2016 16:38
Operator : UM/SJ
Sample : H6067-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G6

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:30 AM

Quant Time: Dec 29 03:43:11 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 29 03:29:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	427m	0.40	ng/ul	-0.17
2) Naphthalene-d8	10.43	136	1223	0.40	ng/ul	-0.13
6) Acenaphthene-d10	14.28	164	830m	0.40	ng/ul	-0.07
10) Phenanthrene-d10	17.04	188	1612m	0.40	ng/ul	-0.07
16) Chrysene-d12	21.27	240	1500m	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	1263m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	530	0.28	ng/ul	-0.10
14) Fluoranthene-d10	19.10	212	1501m	0.34	ng/ul	-0.04
Target Compounds						Qvalue
12) Phenanthrene	17.07	178	278m	0.06	ng/ul	
15) Fluoranthene	19.12	202	442m	0.07	ng/ul	
18) Benzo(a)anthracene	21.26	228	276m	0.06	ng/ul	
19) Chrysene	21.31	228	249m	0.05	ng/ul	

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

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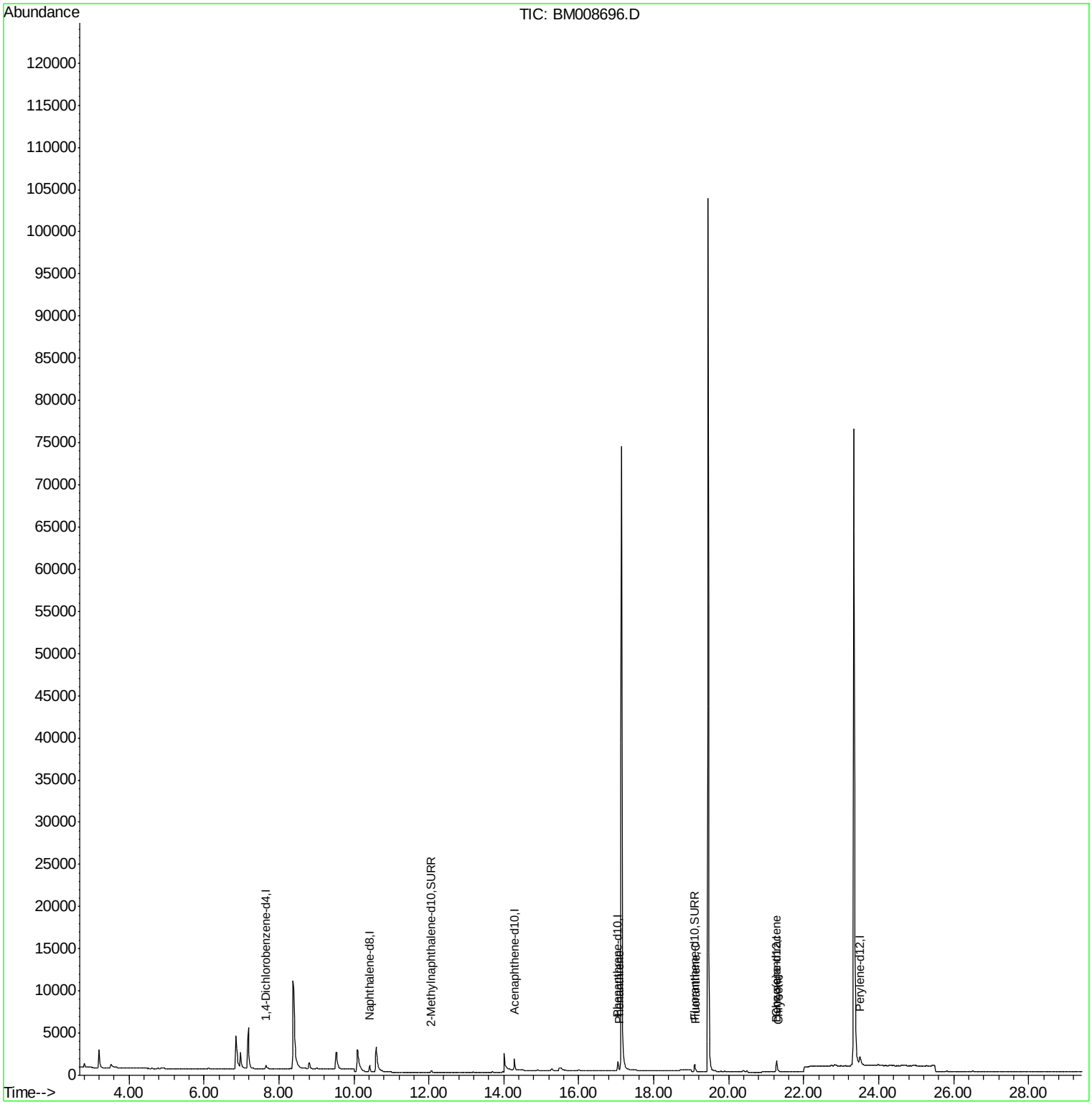
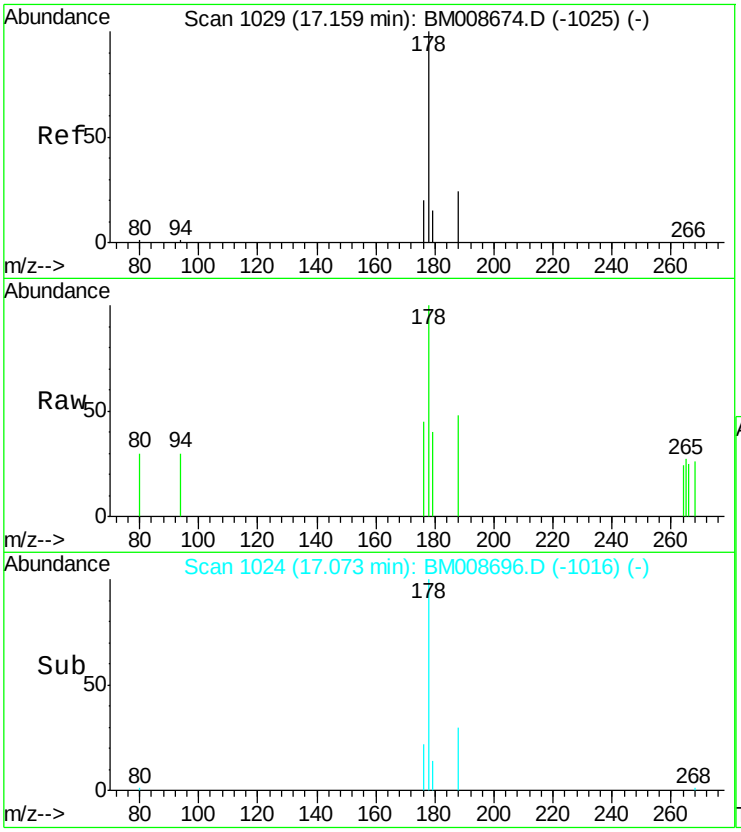
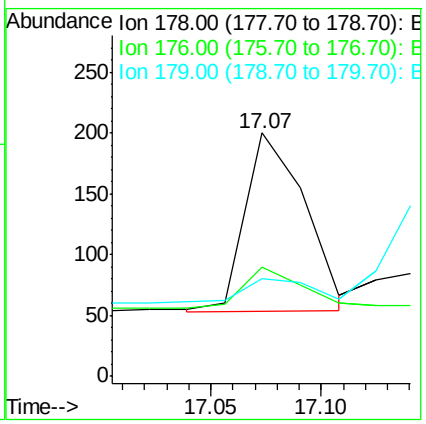




#12
Phenanthrene
Concen: 0.06 ng/ul m
RT: 17.07 min Scan# 1024
Delta R.T. -0.07 min
Lab File: BM008696.D
Acq: 28 Dec 2016 16:38

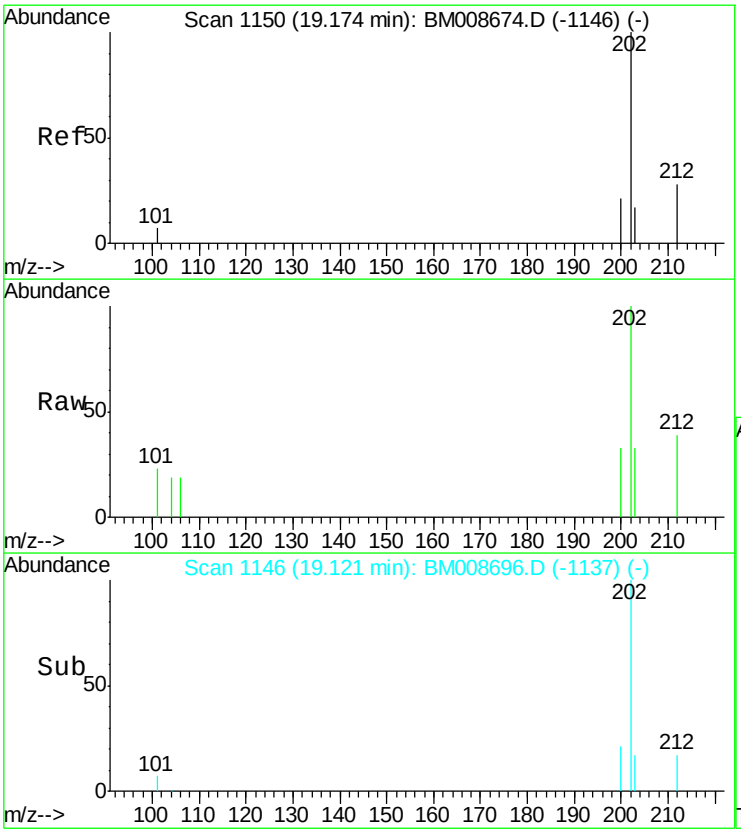
Tgt Ion:178 Resp: 278

Ion	Ratio	Lower	Upper
178	100		
176	45.0	18.4	27.6#
179	40.0	13.6	20.4#



Instrument :
BNA_M
ClientSampleId :
DA7G6

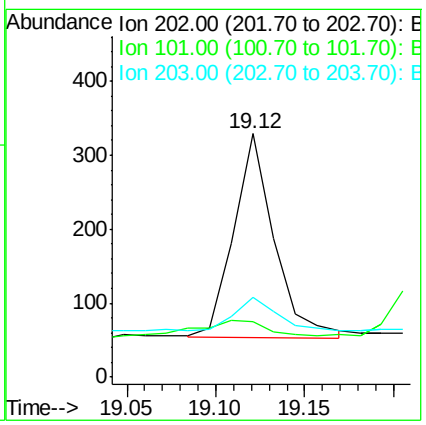
Manual Integrations APPROVED
mohammad
12/30/2016 8:53:30 AM

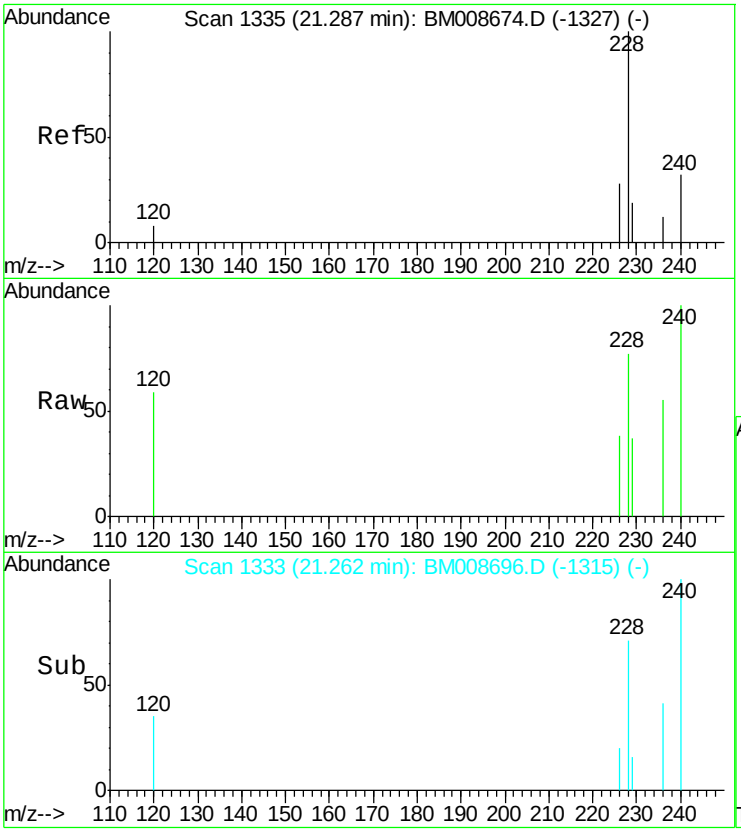


#15
Fluoranthene
Concen: 0.07 ng/ul m
RT: 19.12 min Scan# 1146
Delta R.T. -0.04 min
Lab File: BM008696.D
Acq: 28 Dec 2016 16:38

Tgt Ion:202 Resp: 442

Ion	Ratio	Lower	Upper
202	100		
101	22.8	0.0	30.3
203	32.8	0.0	39.5





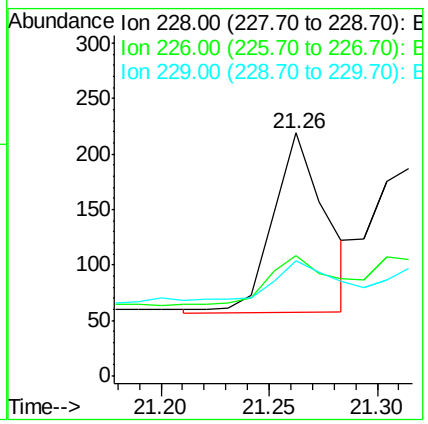
#18
Benzo(a)anthracene
Concen: 0.06 ng/ul m
RT: 21.26 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM008696.D
Acq: 28 Dec 2016 16:38

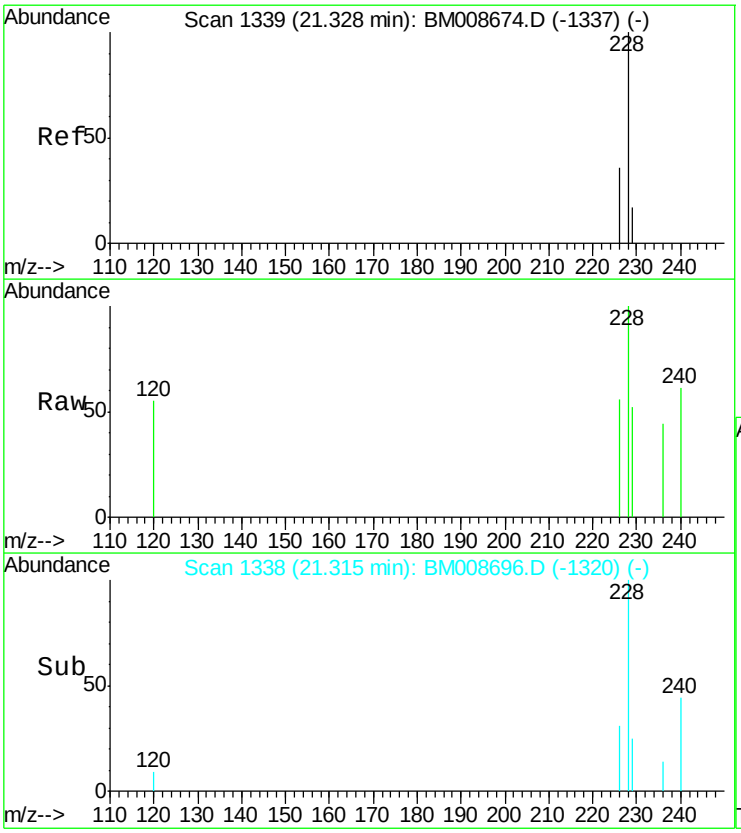
Tgt Ion:228 Resp: 276

Ion	Ratio	Lower	Upper
228	100		
226	49.8	22.8	34.2#
229	47.5	17.0	25.6#

Instrument :
BNA_M
ClientSampleId :
DA7G6

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:30 AM





#19
Chrysene
Concen: 0.05 ng/ul m
RT: 21.31 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BM008696.D
Acq: 28 Dec 2016 16:38

Tgt Ion:228 Resp: 249

Ion	Ratio	Lower	Upper
228	100		
226	56.1	23.4	35.0#
229	51.9	17.7	26.5#