Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
Data File : BM002993.D
Acq On : 23 Oct 2015 00:52
Operator : UM/IZ
Sample : G4074-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JG9K1

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:43:49 PM

Quant Time: Oct 23 08:02:40 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:55:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	3780	0.40	ng/ul	0.00
4) Naphthalene-d8	11.49	136	17653	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.23	164	11319	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.95	188	28008m	0.40	ng/ul	0.02
18) Chrysene-d12	22.04	240	29743	0.40	ng/ul	0.01
22) Perylene-d12	24.61	264	24725m	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	13415	3.32	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	8058	0.27	ng/ul	0.00
16) Fluoranthene-d10	19.93	212	21253	0.28	ng/ul	0.00
Target Compounds						Qvalue
7) 2-Methylnaphthalene	13.11	142	1118m	0.03	ng/ul	
14) Phenanthrene	17.98	178	7603m	0.09	ng/ul	
17) Fluoranthene	19.96	202	15536m	0.15	ng/ul	
19) Pyrene	20.31	202	17246	0.16	ng/ul#	51

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

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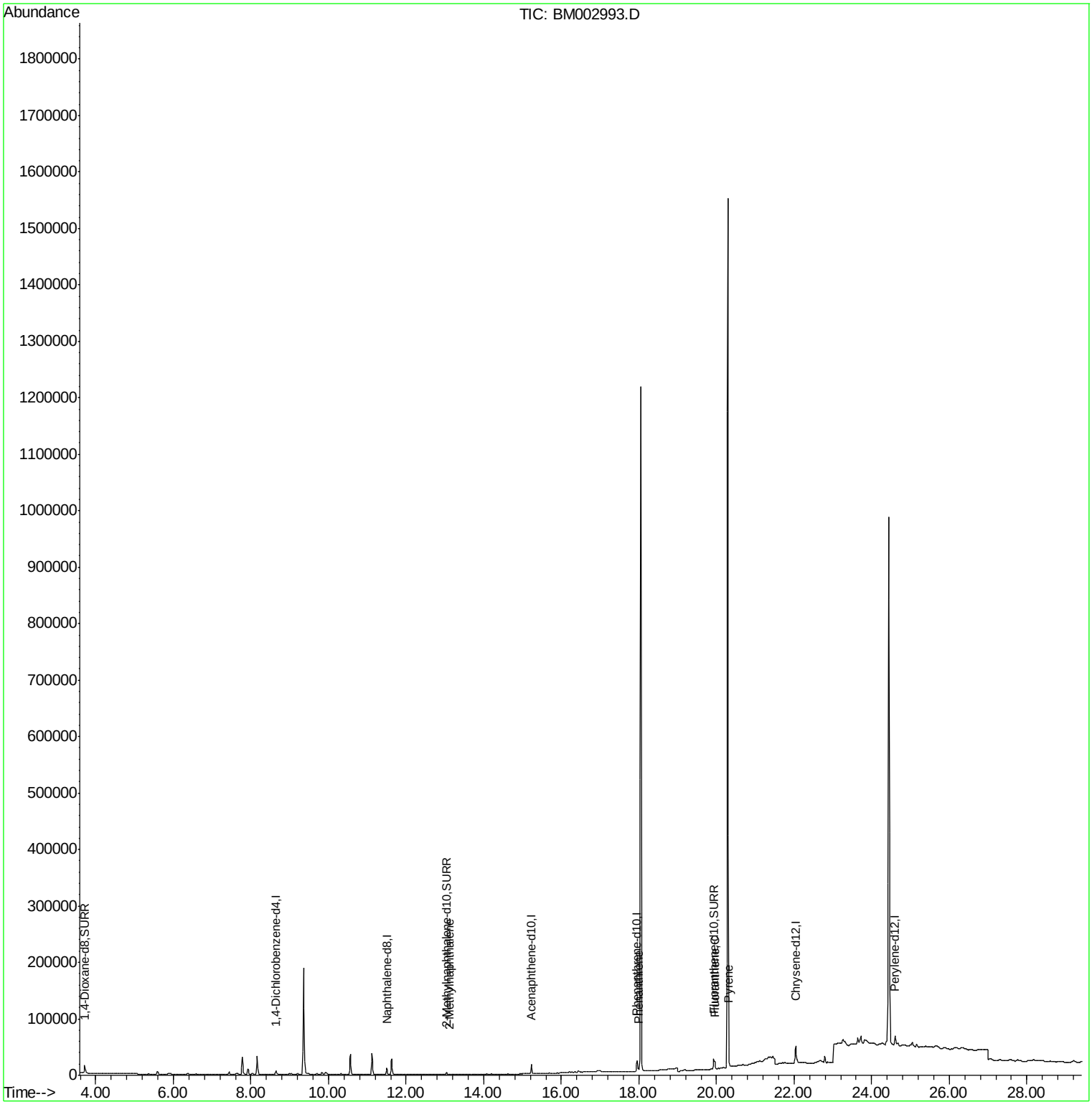
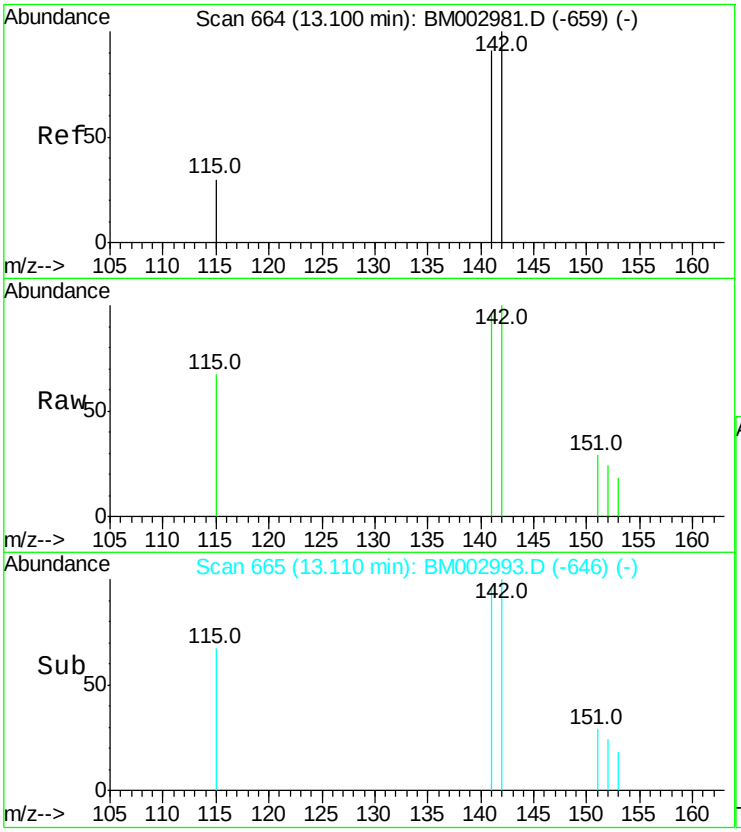




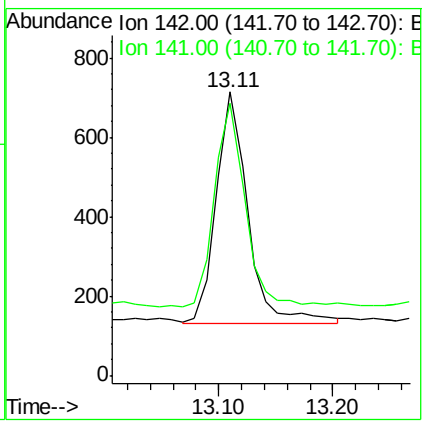
#7
2-Methylnaphthalene
Concen: 0.03 ng/ul m
RT: 13.11 min Scan# 665
Delta R.T. 0.01 min
Lab File: BM002993.D
Acq: 23 Oct 2015 00:52

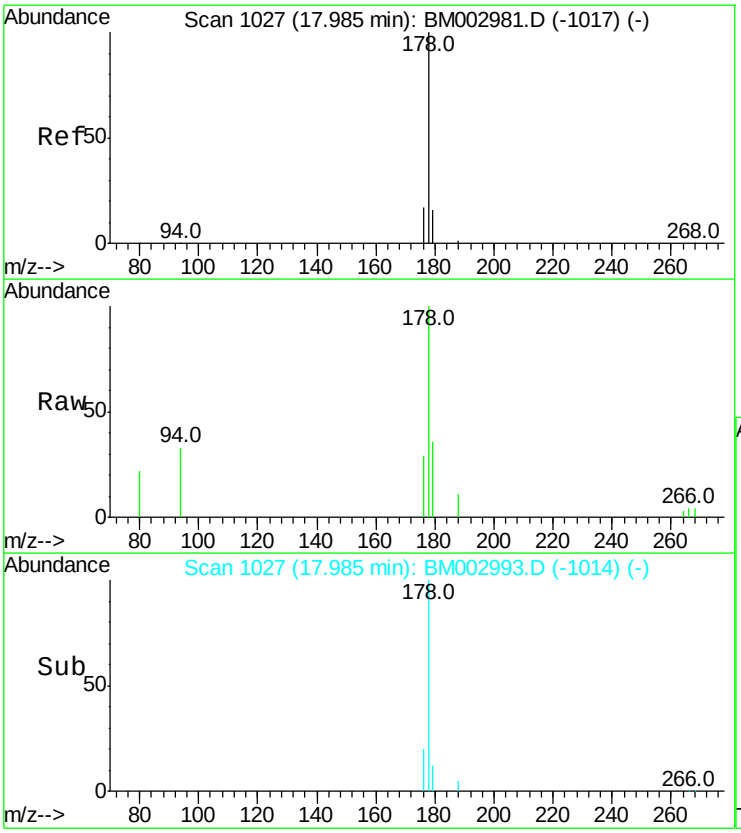
Tgt Ion:142 Resp: 1118

Ion	Ratio	Lower	Upper
142	100		
141	141.5	70.3	105.5#

Instrument :
BNA_M
ClientSampleId :
JG9K1

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:43:49 PM

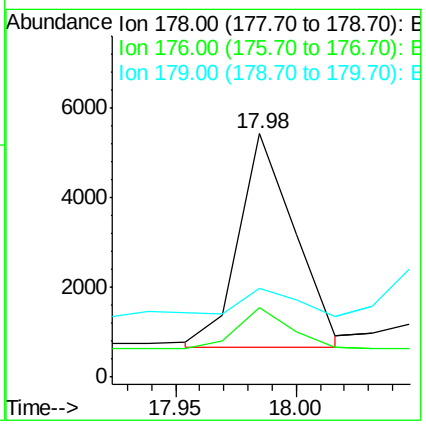


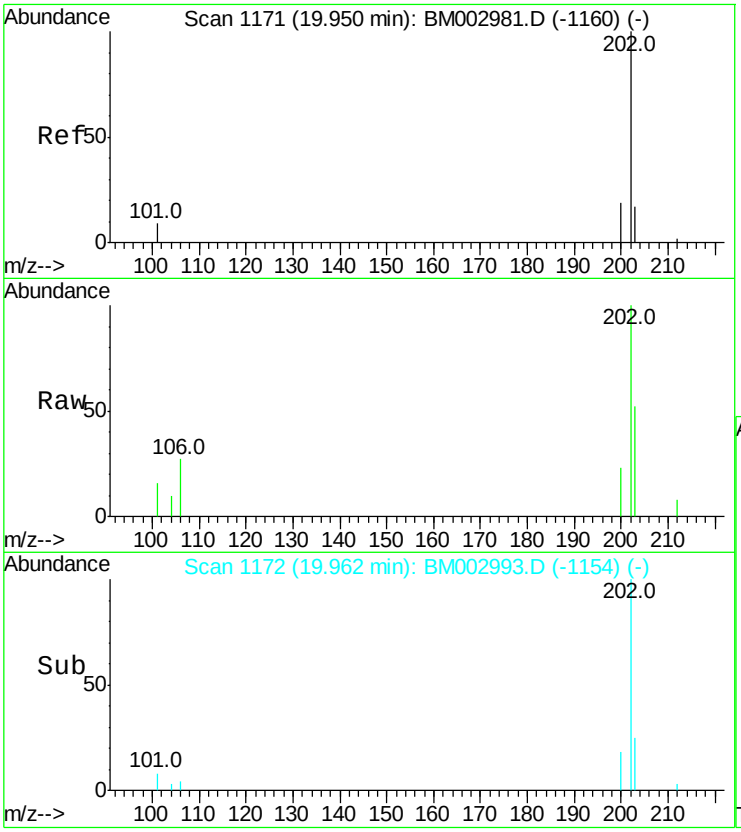


#14
Phenanthrene
Concen: 0.09 ng/ul m
RT: 17.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BM002993.D
Acq: 23 Oct 2015 00:52

Tgt Ion:178 Resp: 7603

Ion	Ratio	Lower	Upper
178	100		
176	28.5	16.2	24.4#
179	36.2	12.8	19.2#





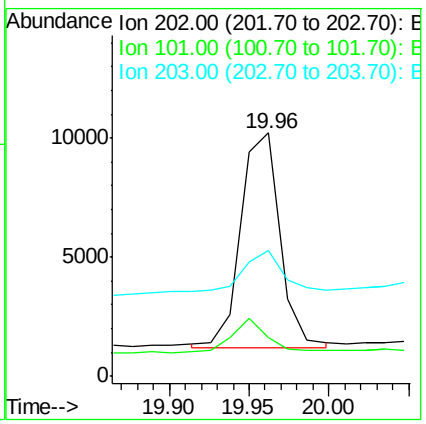
#17
Fluoranthene
Concen: 0.15 ng/ul m
RT: 19.96 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BM002993.D
Acq: 23 Oct 2015 00:52

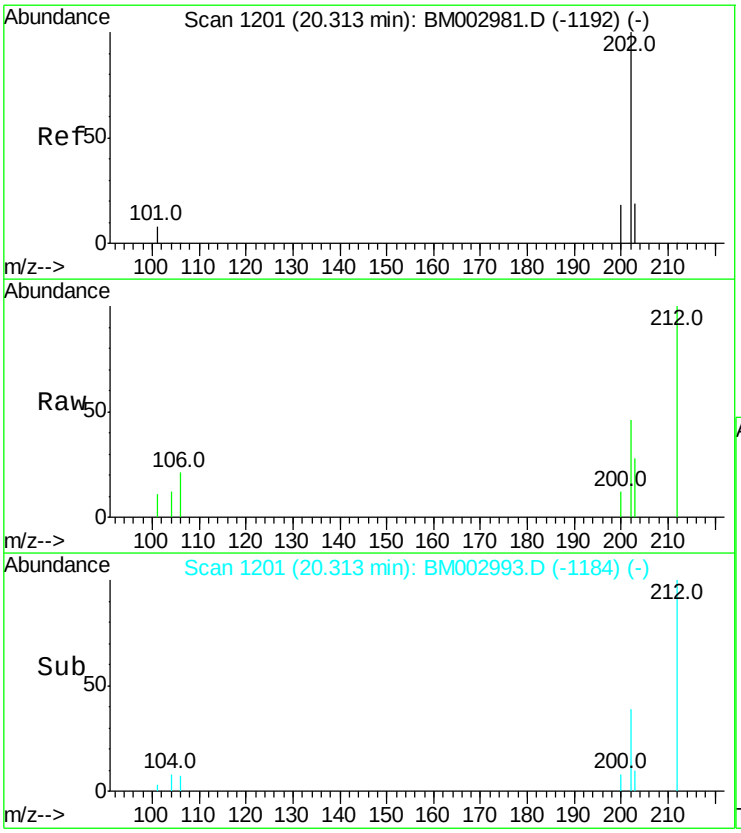
Tgt Ion:202 Resp: 15536

Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	33.1
203	51.9	0.0	37.2#

Instrument :
BNA_M
ClientSampleId :
JG9K1

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:43:49 PM





#19
Pyrene
Concen: 0.16 ng/ul
RT: 20.31 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BM002993.D
Acq: 23 Oct 2015 00:52

Tgt Ion:202 Resp: 17246

Ion	Ratio	Lower	Upper
202	100		
200	26.9	18.0	27.0
203	61.5	13.8	20.6#