Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007894.D
Acq On : 15 Nov 2016 16:01
Operator : UM/SJ
Sample : H5612-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F2H14

Manual Integrations APPROVED
Umangi
11/16/2016 6:01:10 PM

Quant Time: Nov 16 07:42:38 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	910	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	2998	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.37	164	1799	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	3348m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.31	240	3573	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	2747m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	1175	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	2598m	0.34	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	593	0.08	ng/ul#	79
15) Fluoranthene	19.18	202	775	0.07	ng/ul	85
18) Benzo(a)anthracene	21.29	228	626	0.06	ng/ul#	79
19) Chrysene	21.35	228	927	0.08	ng/ul#	84

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

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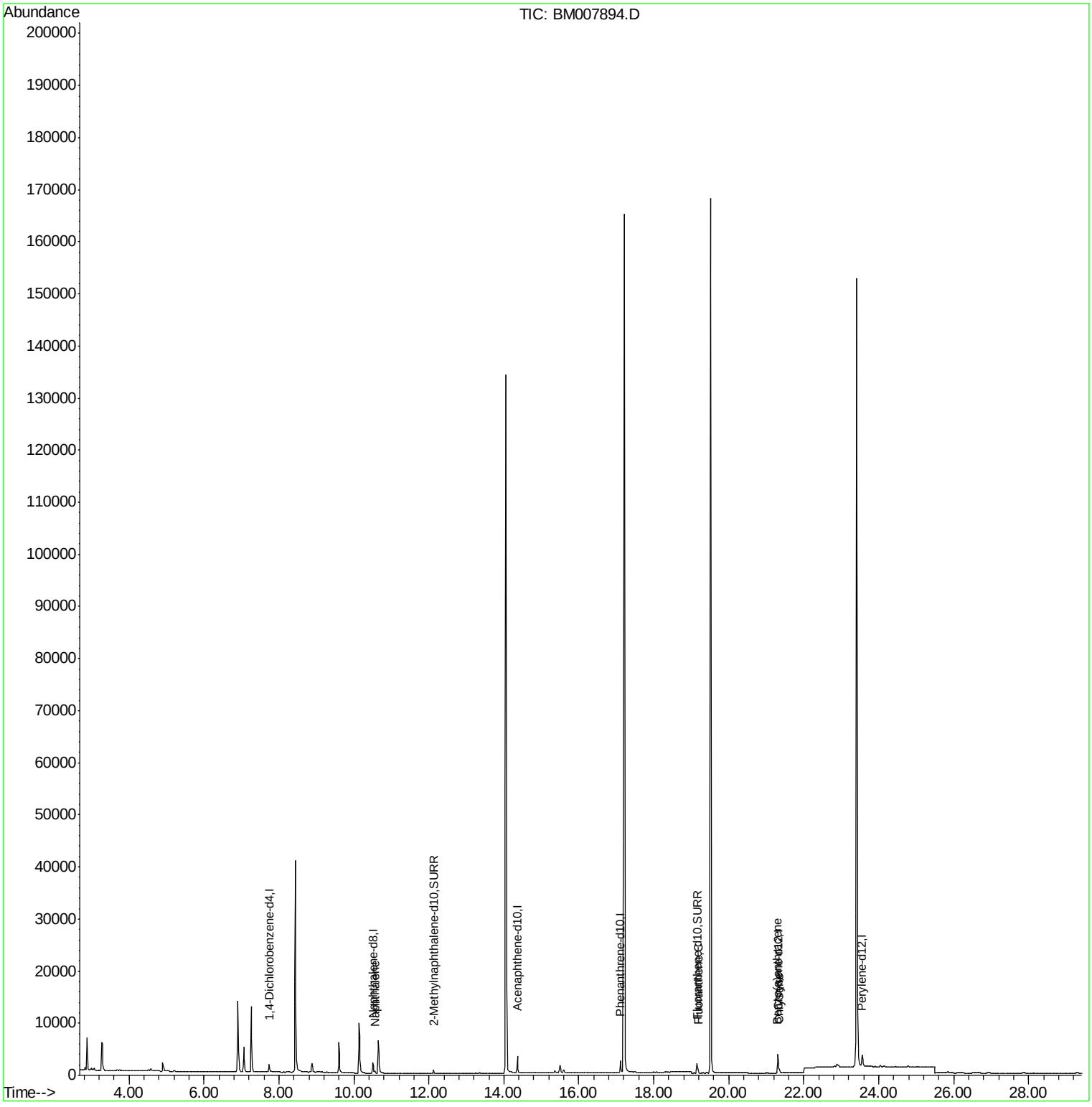
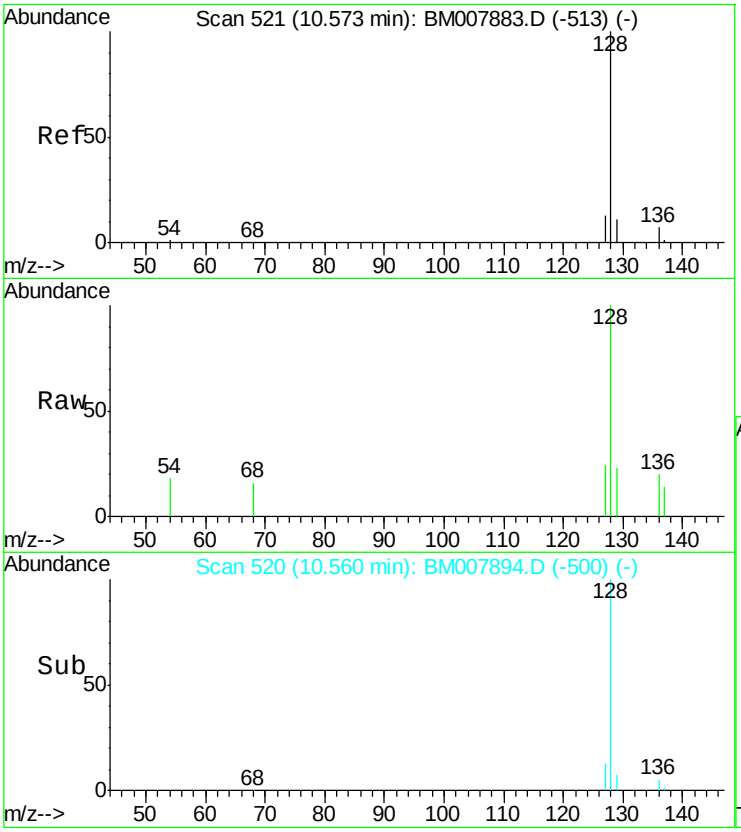
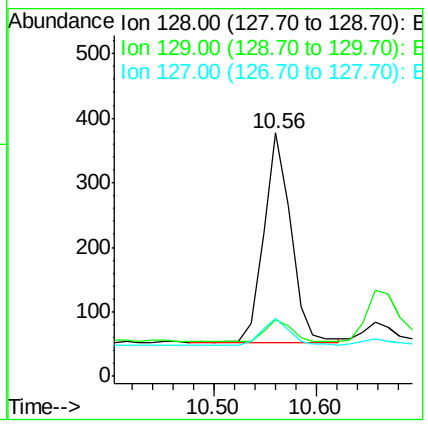




#3
Naphthalene
Concen: 0.08 ng/ul
RT: 10.56 min Scan# 520
Delta R.T. -0.01 min
Lab File: BM007894.D
Acq: 15 Nov 2016 16:01

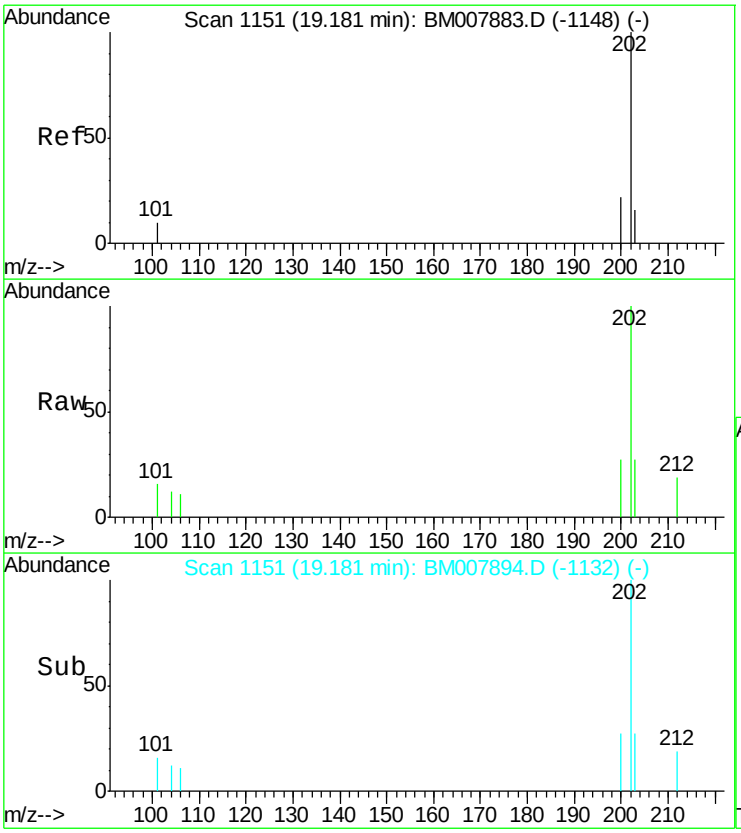
Tgt Ion:128 Resp: 593

Ion	Ratio	Lower	Upper
128	100		
129	23.3	11.3	16.9#
127	24.1	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
F2H14

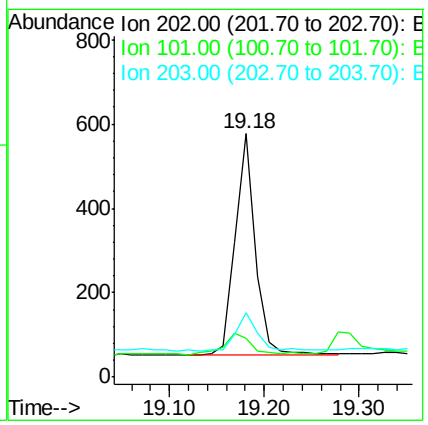
Manual Integrations APPROVED
Umangi
11/16/2016 6:01:10 PM

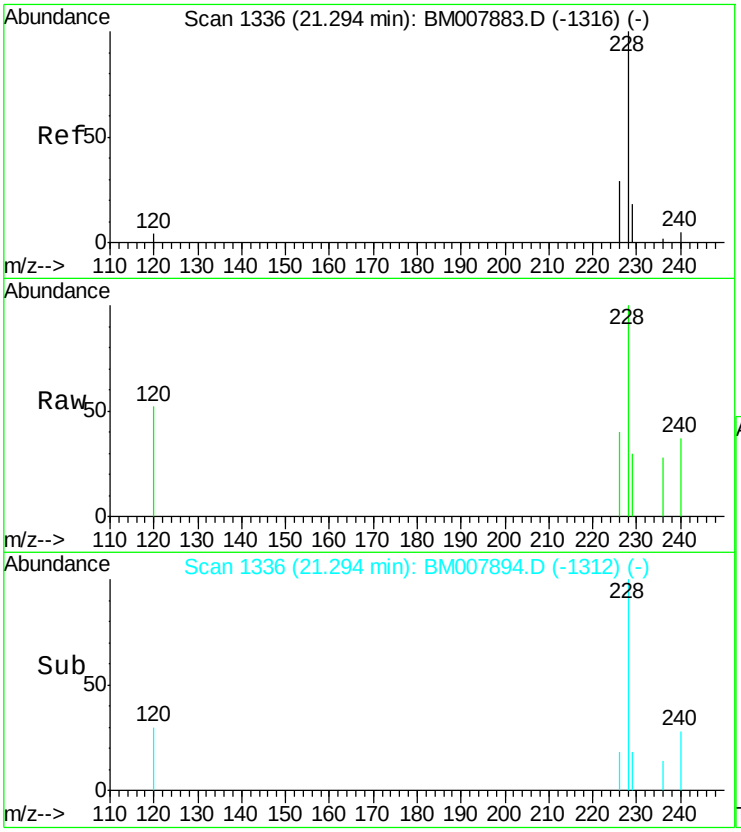


#15
Fluoranthene
Concen: 0.07 ng/ul
RT: 19.18 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BM007894.D
Acq: 15 Nov 2016 16:01

Tgt Ion:202 Resp: 775

Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	30.3
203	26.5	0.0	39.5

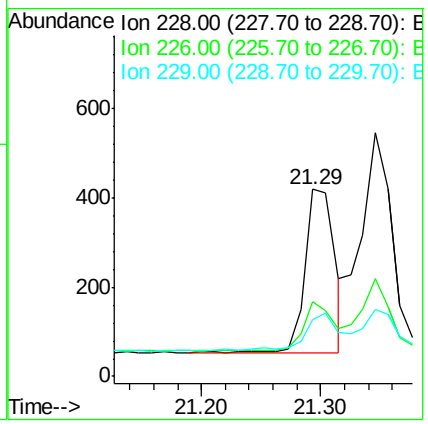




#18
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 21.29 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BM007894.D
Acq: 15 Nov 2016 16:01

Tgt Ion:228 Resp: 626

Ion	Ratio	Lower	Upper
228	100		
226	40.3	22.8	34.2#
229	30.3	17.0	25.6#



Instrument :
BNA_M
ClientSampleId :
F2H14

Manual Integrations APPROVED
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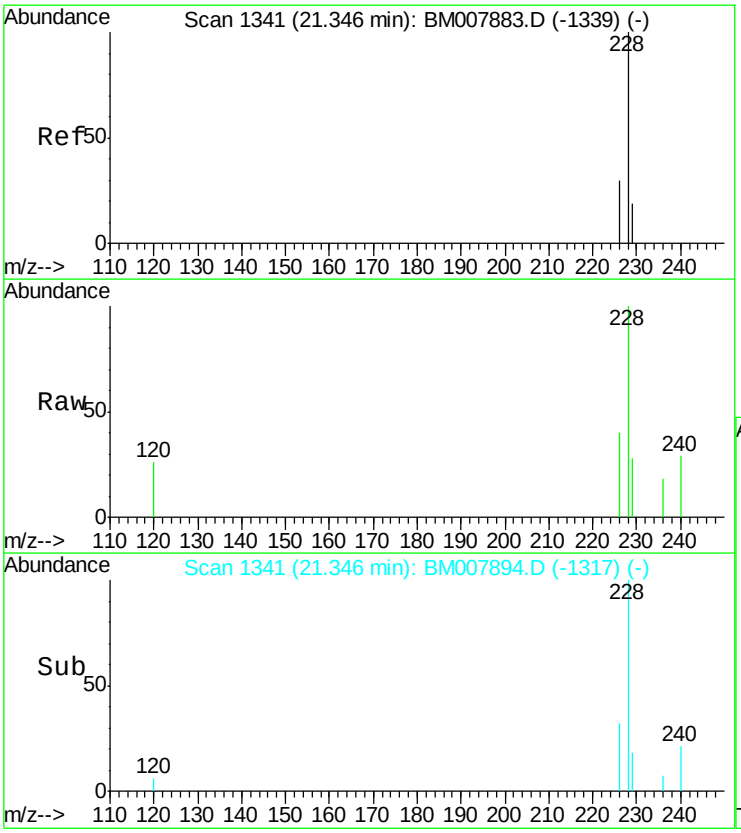
11/16/2016 6:01:10 PM



#19
Chrysene
Concen: 0.08 ng/ul
RT: 21.35 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BM007894.D
Acq: 15 Nov 2016 16:01

Tgt Ion:228 Resp: 927

Ion	Ratio	Lower	Upper
228	100		
226	39.9	23.4	35.0#
229	27.7	17.7	26.5#