Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007898.D
Acq On : 15 Nov 2016 18:22
Operator : UM/SJ
Sample : H5612-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F2H00

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:29 PM

Quant Time: Nov 16 07:53:35 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	983	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	3142	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.37	164	1812	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	3154m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.31	240	3259	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	2556m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	1343	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	2809m	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	9695	1.20	ng/ul	95
5) 2-Methylnaphthalene	12.19	142	1749	0.34	ng/ul	99
8) Acenaphthene	14.42	153	3416	0.53	ng/ul	90
9) Fluorene	15.43	166	2958m	0.41	ng/ul	
12) Phenanthrene	17.16	178	3523	0.40	ng/ul	92

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

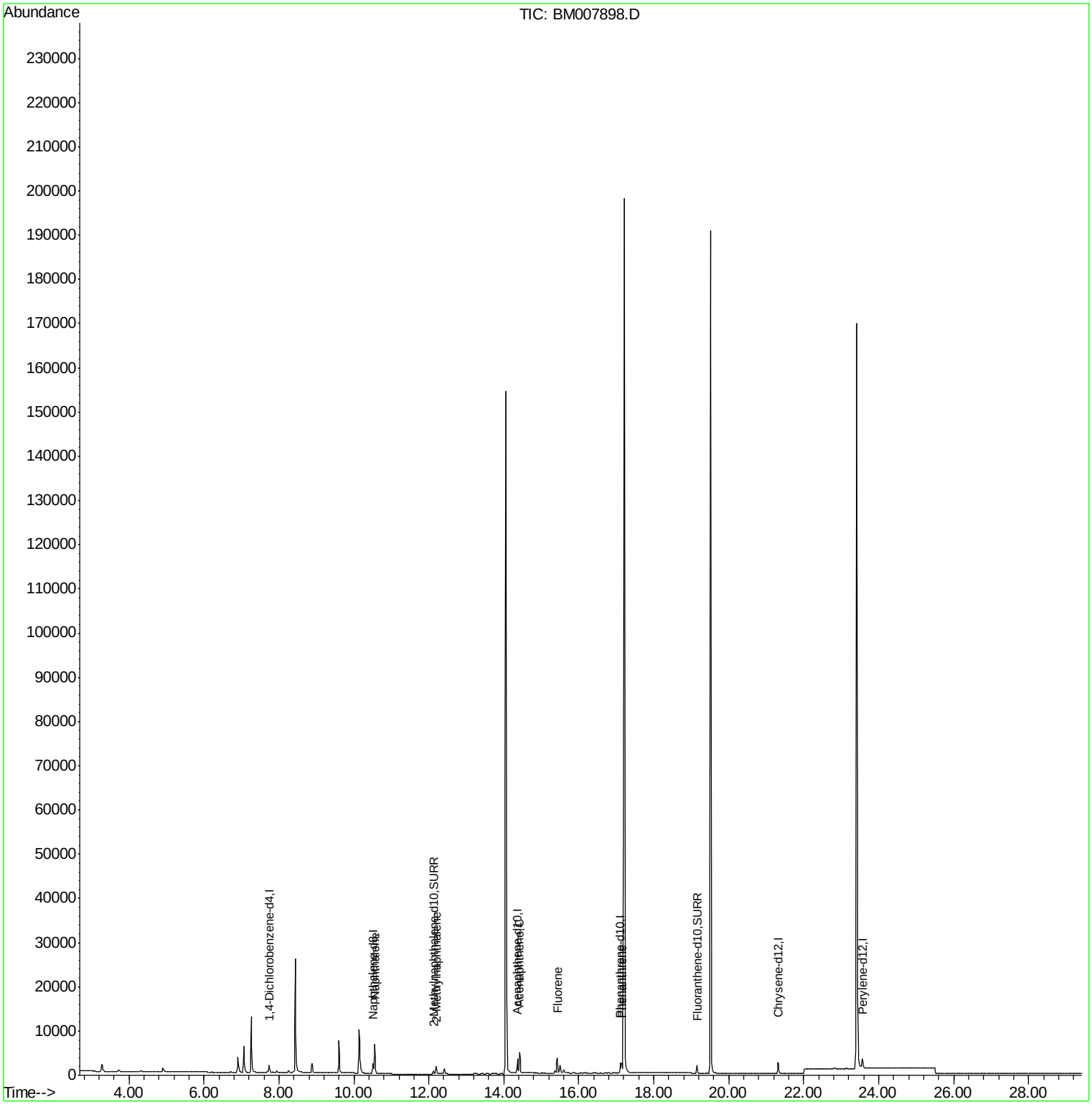
Quantitation Report (QT Reviewed)

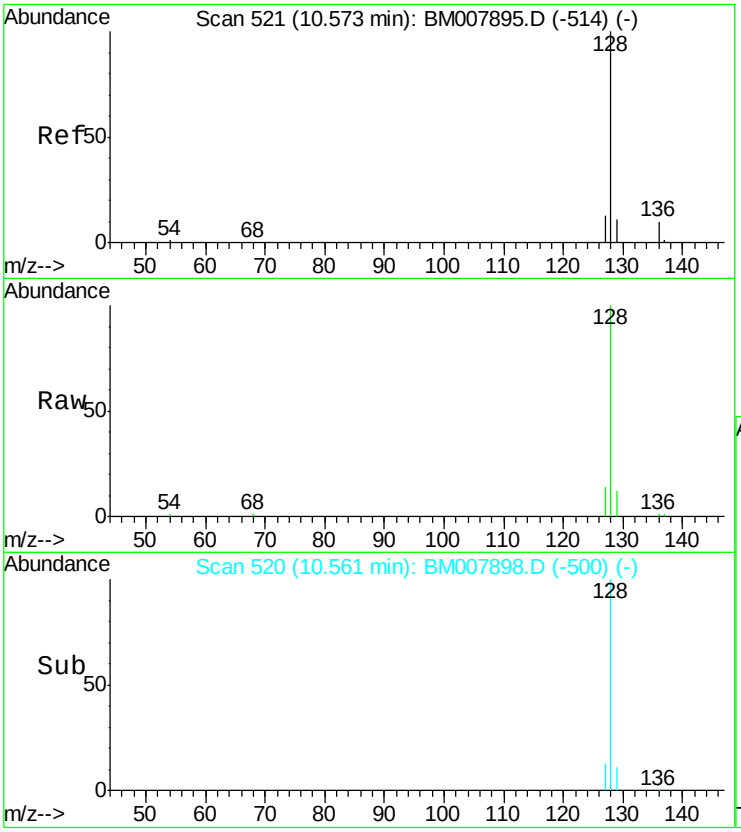
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007898.D
Acq On : 15 Nov 2016 18:22
Operator : UM/SJ
Sample : H5612-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 16 07:53:35 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

Instrument :
BNA_M
ClientSampleId :
F2H00

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:29 PM

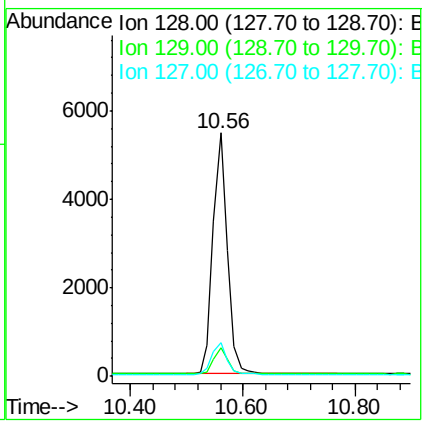




#3
Naphthalene
Concen: 1.20 ng/ul
RT: 10.56 min Scan# 520
Delta R.T. -0.01 min
Lab File: BM007898.D
Acq: 15 Nov 2016 18:22

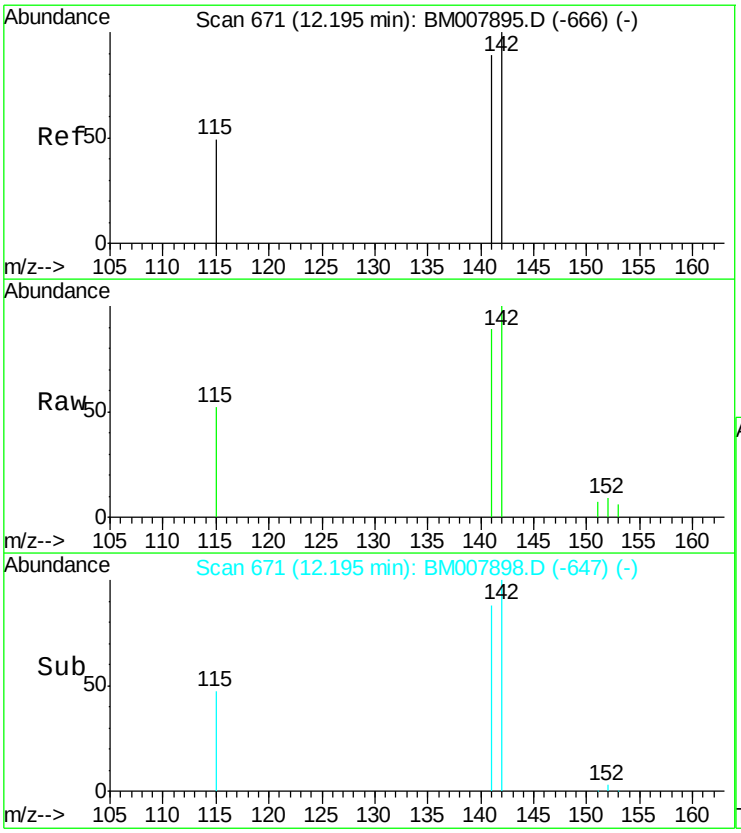
Tgt Ion:128 Resp: 9695

Ion	Ratio	Lower	Upper
128	100		
129	11.9	11.3	16.9
127	13.6	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
F2H00

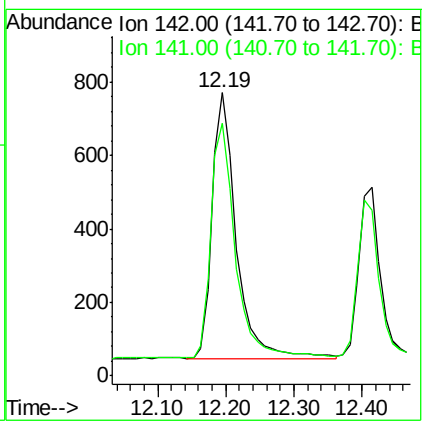
Manual Integrations APPROVED
Umangi
11/16/2016 6:02:29 PM

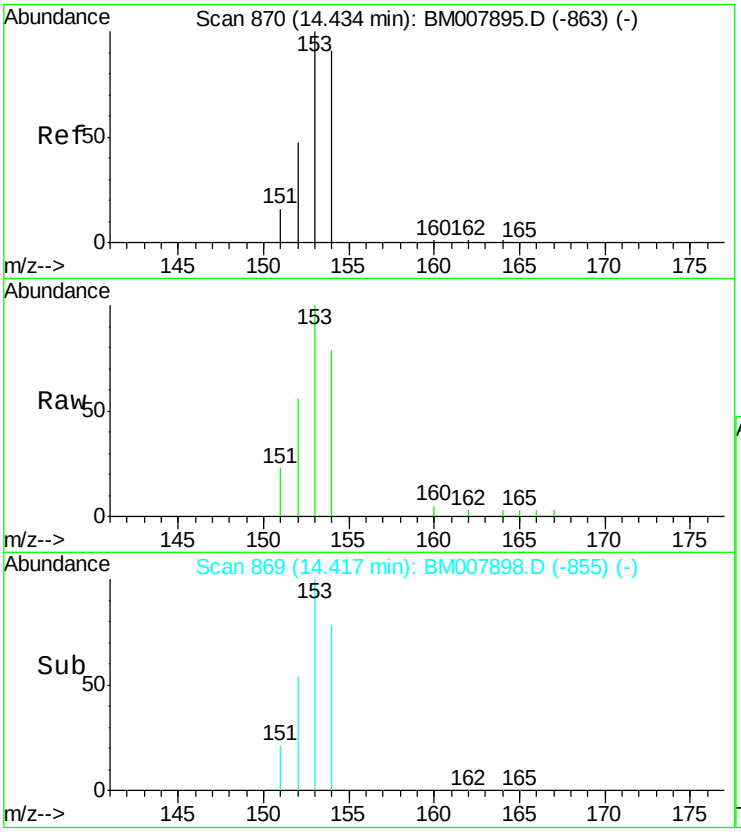


#5
2-Methylnaphthalene
Concen: 0.34 ng/ul
RT: 12.19 min Scan# 671
Delta R.T. 0.00 min
Lab File: BM007898.D
Acq: 15 Nov 2016 18:22

Tgt Ion:142 Resp: 1749

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.6	108.8

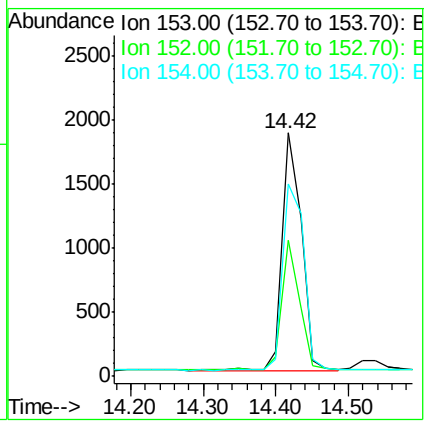




#8
Acenaphthene
Concen: 0.53 ng/ul
RT: 14.42 min Scan# 869
Delta R.T. -0.02 min
Lab File: BM007898.D
Acq: 15 Nov 2016 18:22

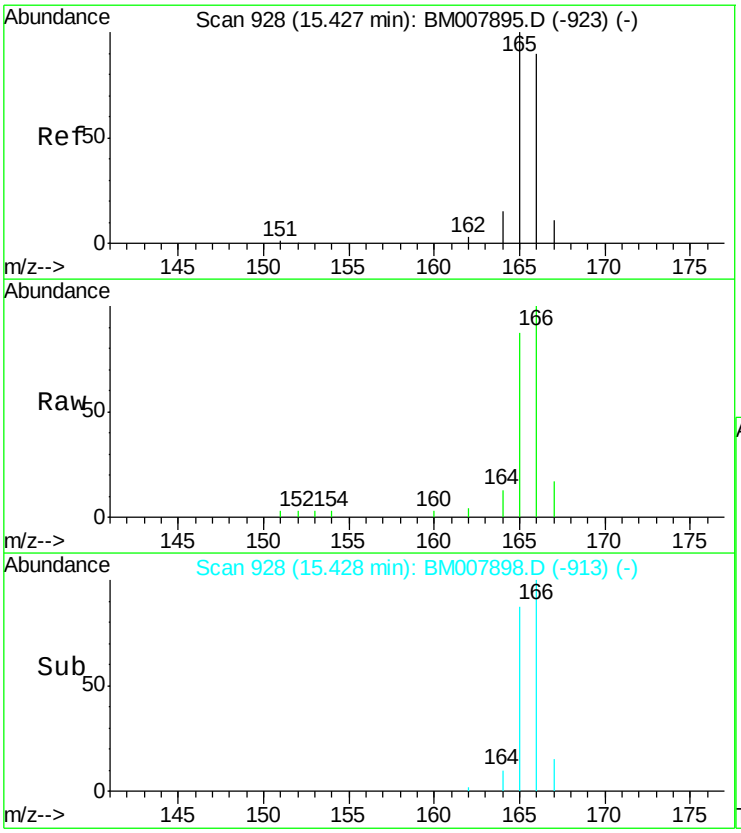
Tgt Ion:153 Resp: 3416

Ion	Ratio	Lower	Upper
153	100		
152	55.7	40.3	60.5
154	78.8	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
F2H00

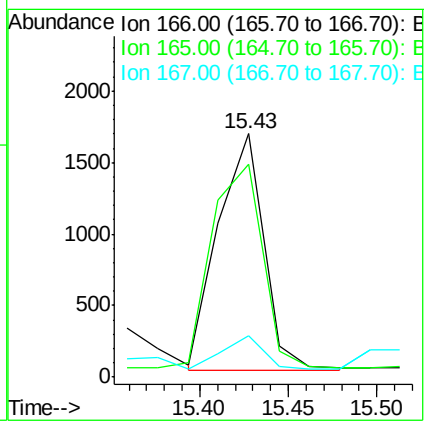
Manual Integrations APPROVED
Umangi
11/16/2016 6:02:29 PM

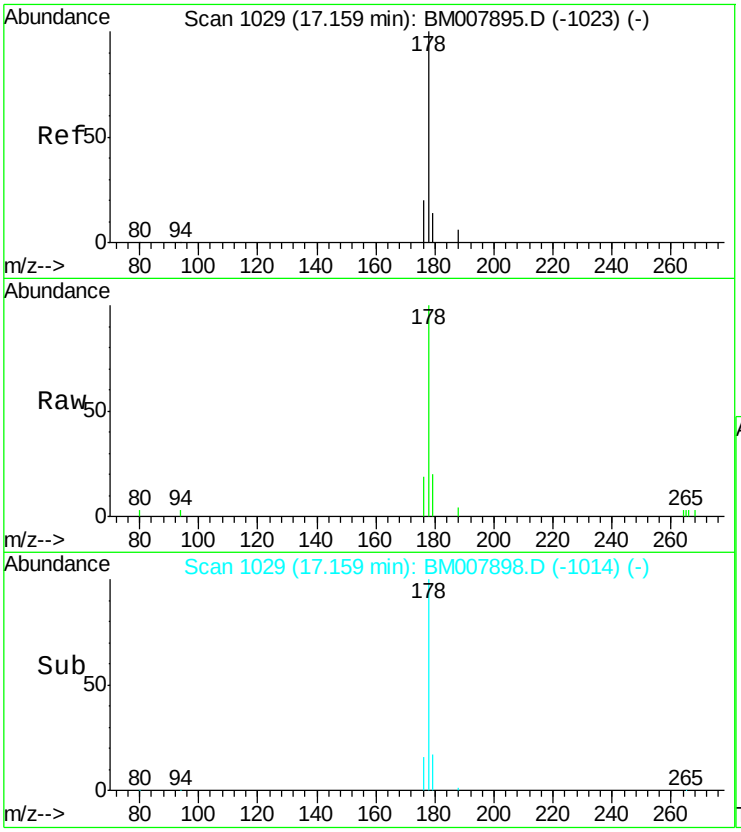


#9
Fluorene
Concen: 0.41 ng/ul m
RT: 15.43 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM007898.D
Acq: 15 Nov 2016 18:22

Tgt Ion:166 Resp: 2958

Ion	Ratio	Lower	Upper
166	100		
165	87.4	73.4	110.2
167	17.1	14.6	22.0

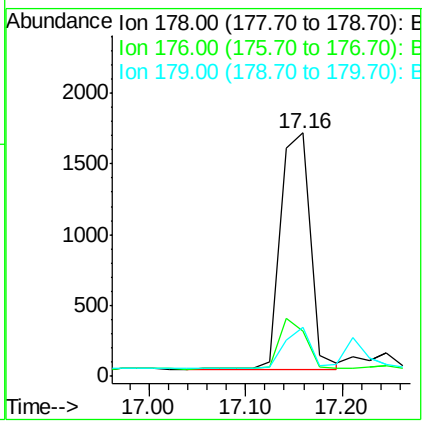




#12
Phenanthrene
Concen: 0.40 ng/ul
RT: 17.16 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BM007898.D
Acq: 15 Nov 2016 18:22

Tgt Ion:178 Resp: 3523

Ion	Ratio	Lower	Upper
178	100		
176	18.6	18.4	27.6
179	20.1	13.6	20.4



Instrument :
BNA_M
ClientSampleId :
F2H00

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:29 PM