Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
Data File : BM028799.D
Acq On : 18 Feb 2021 16:40
Operator : CG/JU
Sample : M1408-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBGL2

Manual Integrations APPROVED
mohammad
2/19/2021 1:19:55 PM

Quant Time: Feb 18 17:12:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 13:03:27 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	494	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	2037	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	1211	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	2533m	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	2158	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	2192	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1040	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	2309	0.35	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	385	0.076	ng/ul#	68
8) Acenaphthene	14.60	153	489	0.125	ng/ul	96
9) Fluorene	15.59	166	226	0.052	ng/ul#	86
12) Phenanthrene	17.32	178	264	0.037	ng/ul#	56

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

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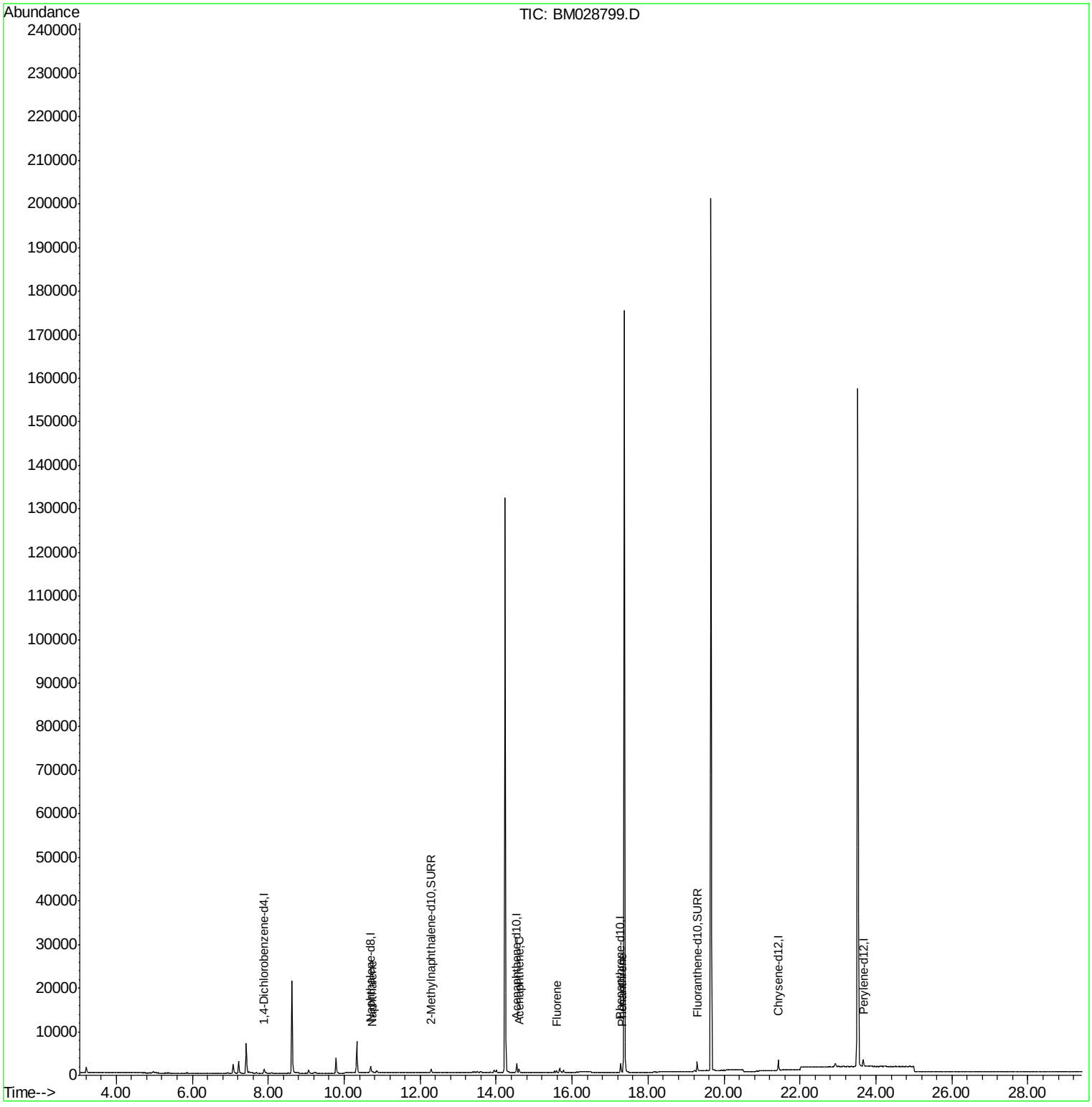

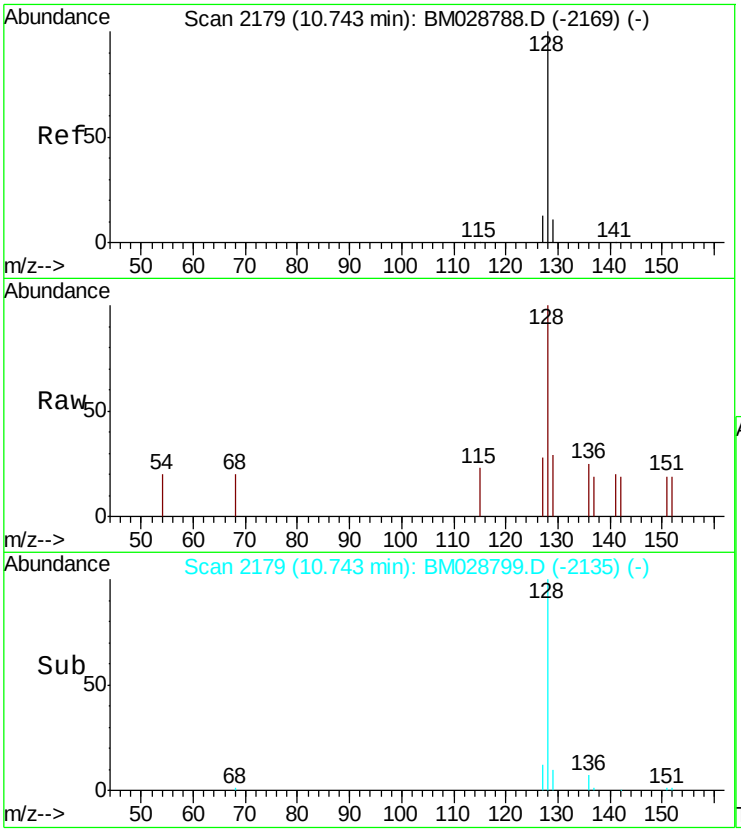

#3
Naphthalene
Concen: 0.076 ng/ul
RT: 10.74 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BM028799.D
Acq: 18 Feb 2021 16:40

Tgt Ion:128 Resp: 385

Ion	Ratio	Lower	Upper
128	100		
129	29.3	11.4	17.2#
127	28.2	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
DBGL2

Manual Integrations APPROVED
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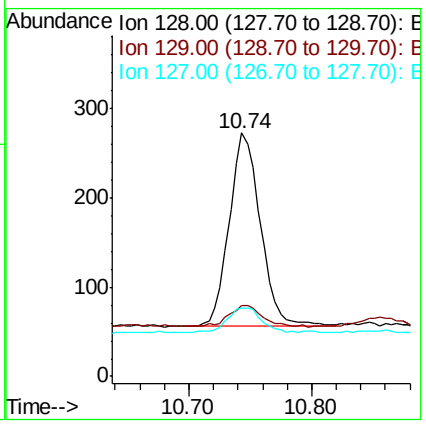
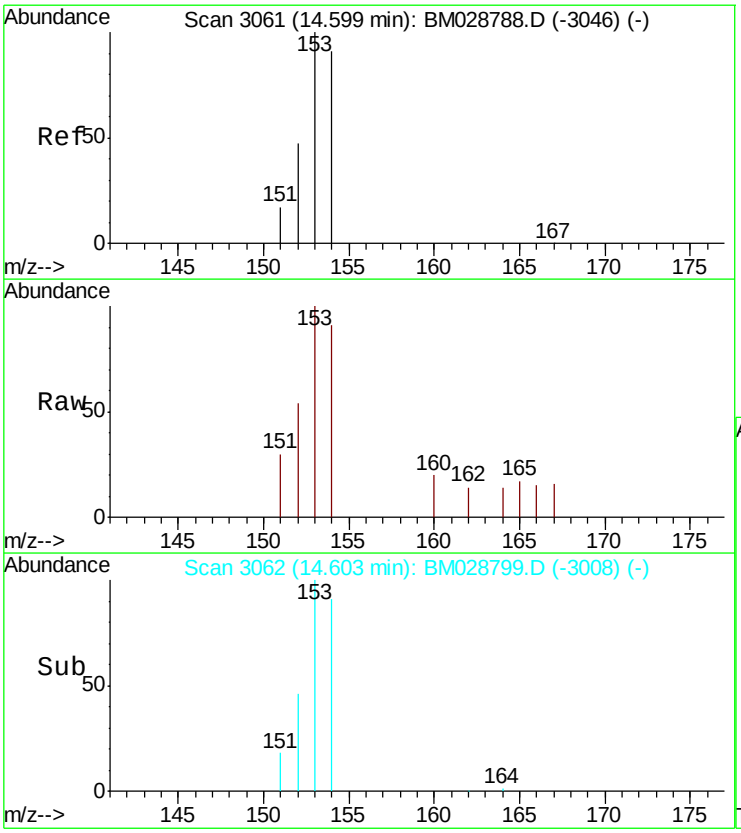
2/19/2021 1:19:55 PM

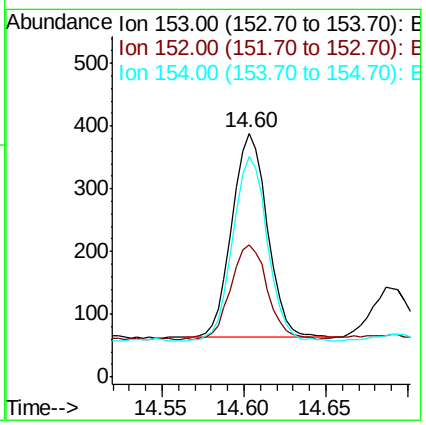


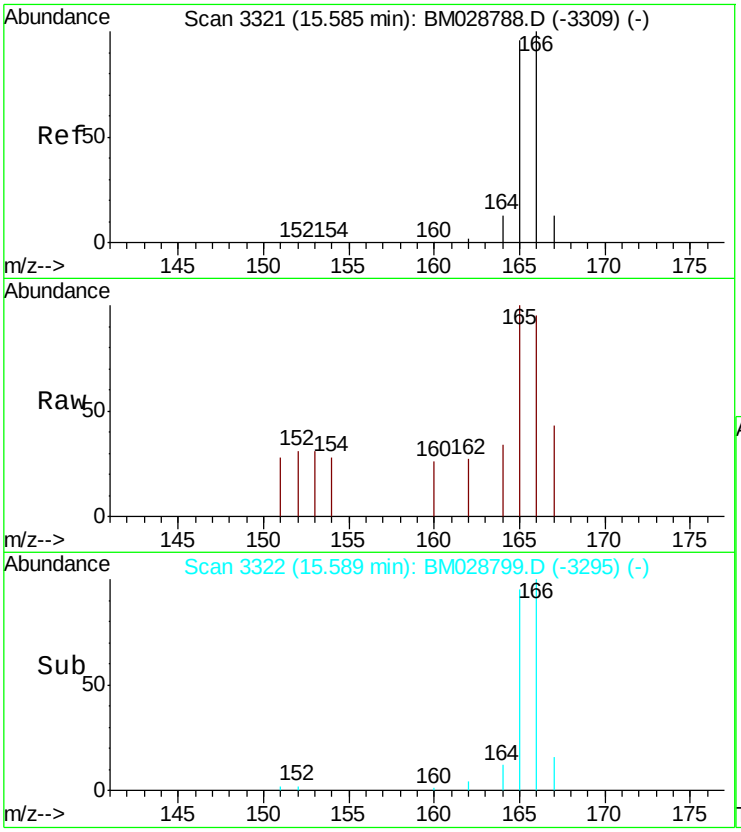


#8
Acenaphthene
Concen: 0.125 ng/ul
RT: 14.60 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BM028799.D
Acq: 18 Feb 2021 16:40

Tgt Ion:153 Resp: 489

Ion	Ratio	Lower	Upper
153	100		
152	54.1	39.6	59.4
154	90.7	70.3	105.5





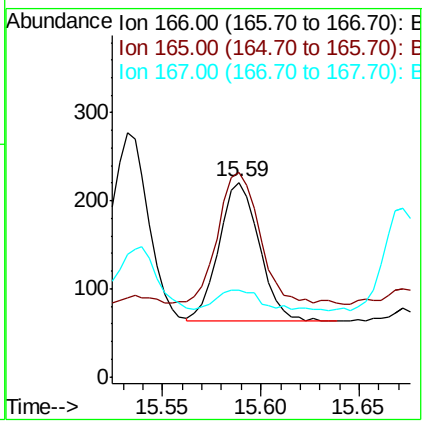
#9
Fluorene
Concen: 0.052 ng/ul
RT: 15.59 min Scan# 3322
Delta R.T. 0.00 min
Lab File: BM028799.D
Acq: 18 Feb 2021 16:40

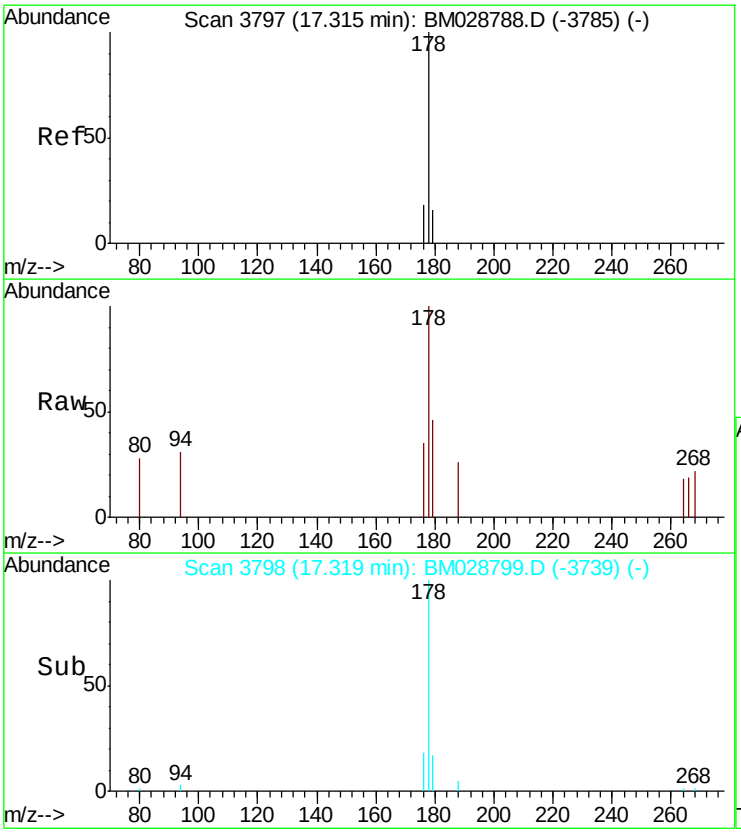
Tgt Ion:166 Resp: 226

Ion	Ratio	Lower	Upper
166	100		
165	105.0	79.6	119.4
167	44.8	13.9	20.9#

Instrument :
BNA_M
ClientSampleId :
DBGL2

Manual Integrations APPROVED
mohammad
2/19/2021 1:19:55 PM





#12
Phenanthrene
Concen: 0.037 ng/ul
RT: 17.32 min Scan# 3798
Delta R.T. 0.00 min
Lab File: BM028799.D
Acq: 18 Feb 2021 16:40

Tgt Ion:178 Resp: 264

Ion	Ratio	Lower	Upper
178	100		
179	45.6	14.7	22.1#
176	34.5	16.7	25.1#