Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021621\
Data File : BM028756.D
Acq On : 16 Feb 2021 19:36
Operator : CG/JU
Sample : M1407-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBGJ8

Manual Integrations APPROVED
mohammad
2/17/2021 1:48:01 PM

Quant Time: Feb 17 07:36:46 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 : Tue Feb 16 17:19:06 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	403	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	1664	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	1118	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	2122m	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	1906	0.40	ng/ul	0.00
20) Perylene-d12	23.65	264	1893	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	899	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	2044	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	147	0.035	ng/ul#	1
7) Acenaphthylene	14.26	152	1620	0.355	ng/ul#	89
8) Acenaphthene	14.60	153	146715	40.559	ng/ul	97
9) Fluorene	15.58	166	72397	18.032	ng/ul	96
12) Phenanthrene	17.31	178	28055	4.730	ng/ul	95
13) Anthracene	17.41	178	3099	0.548	ng/ul	98
15) Fluoranthene	19.32	202	2874	0.426	ng/ul	98
17) Pyrene	19.68	202	1274m	0.184	ng/ul	

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

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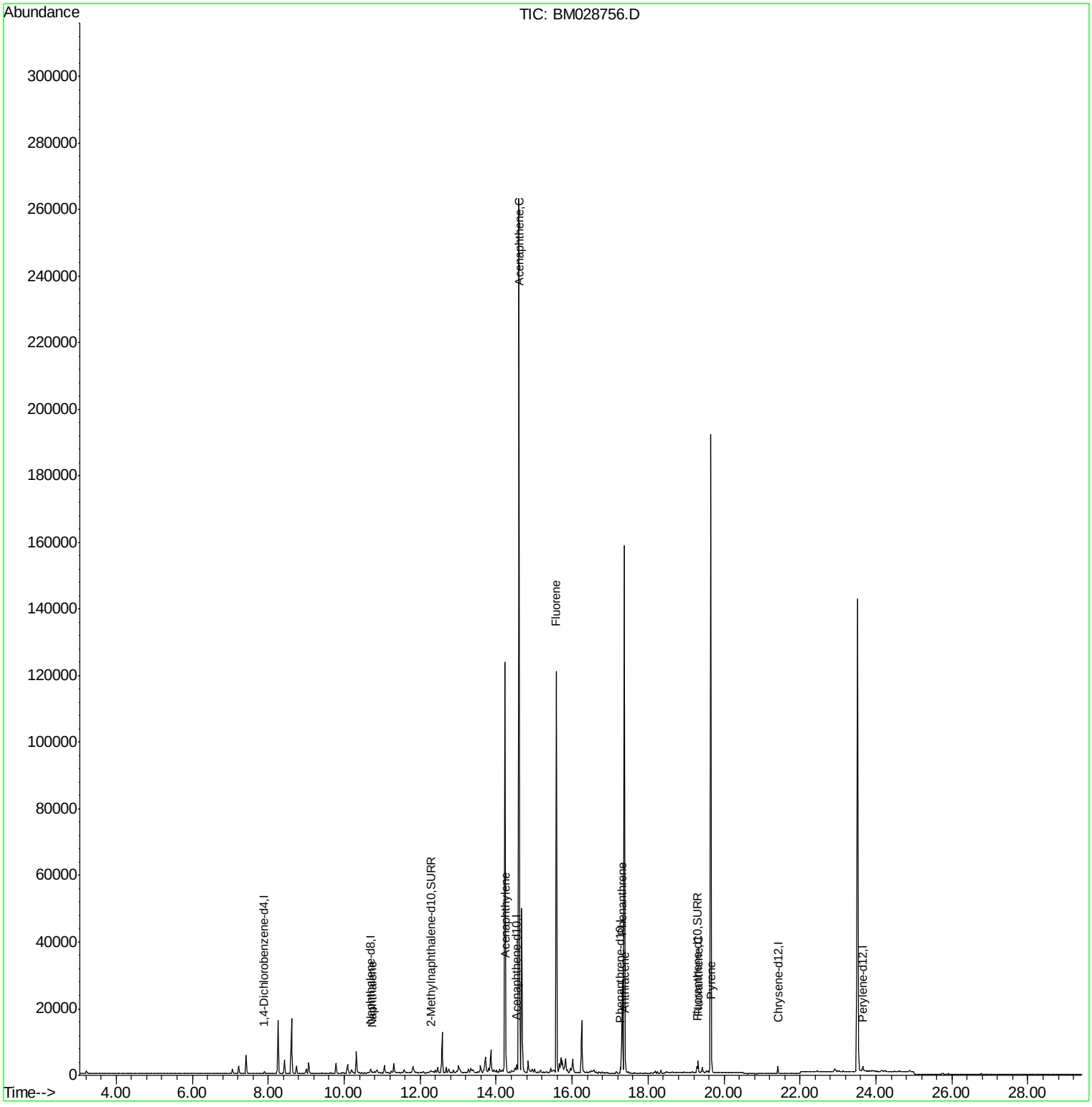

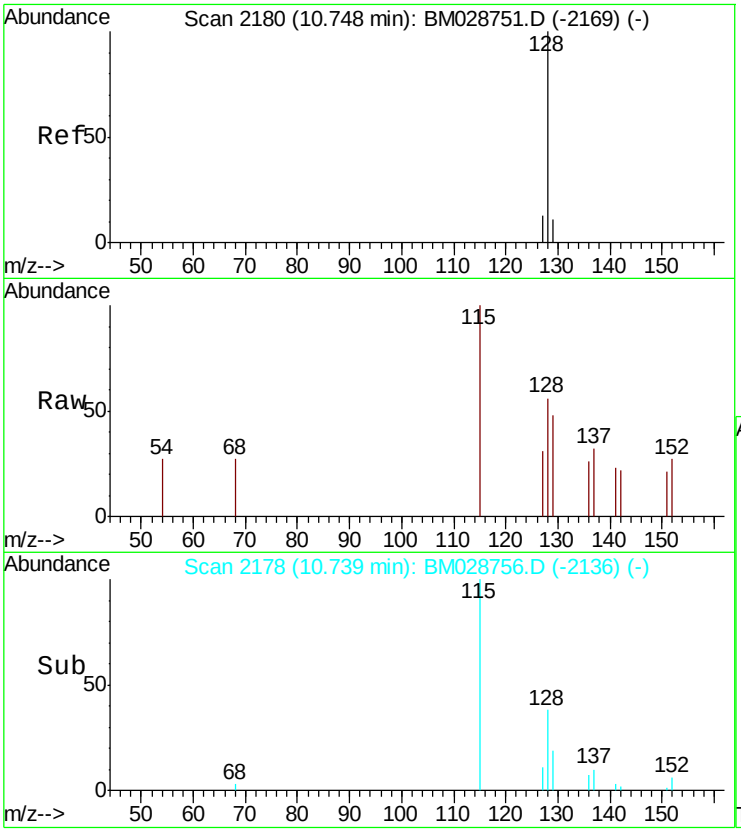

#3
Naphthalene
Concen: 0.035 ng/ul
RT: 10.74 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM028756.D
Acq: 16 Feb 2021 19:36

Tgt Ion:128 Resp: 147

Ion	Ratio	Lower	Upper
128	100		
129	85.9	11.4	17.2#
127	54.8	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
DBGJ8

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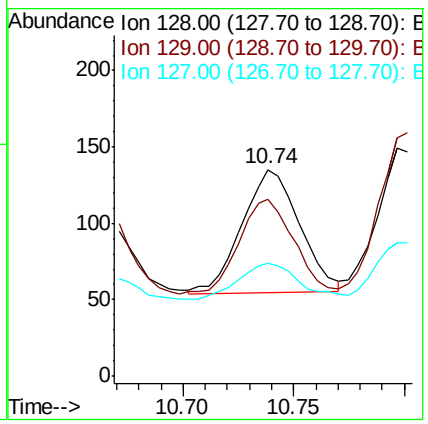
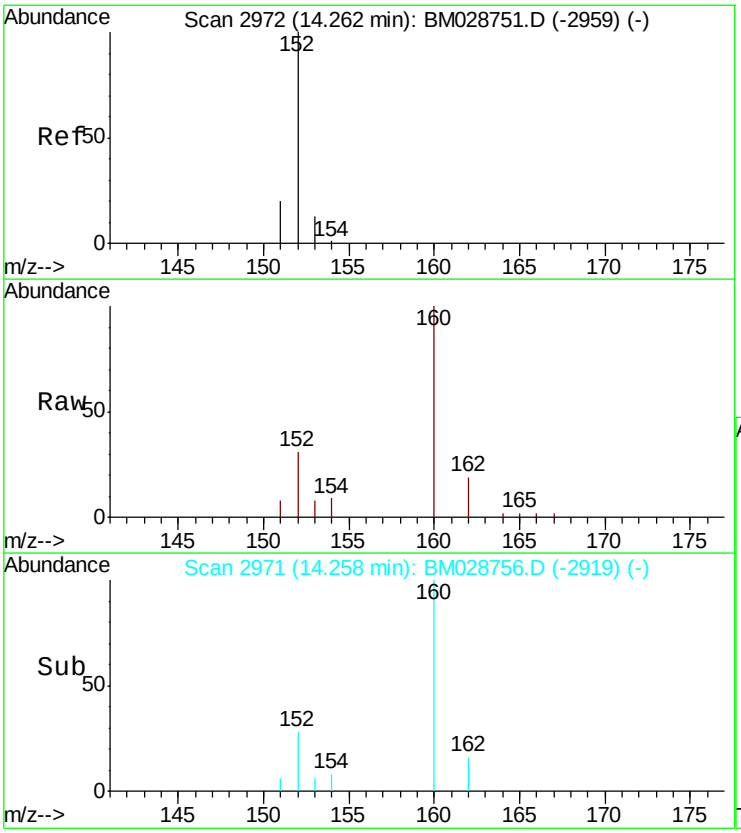
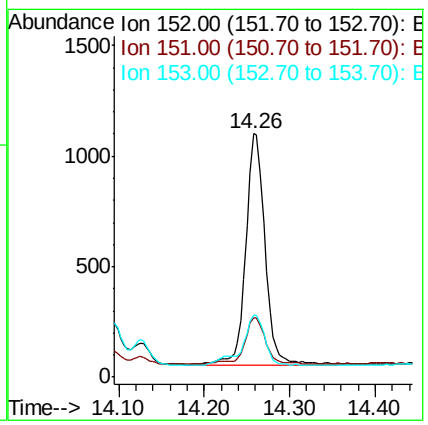


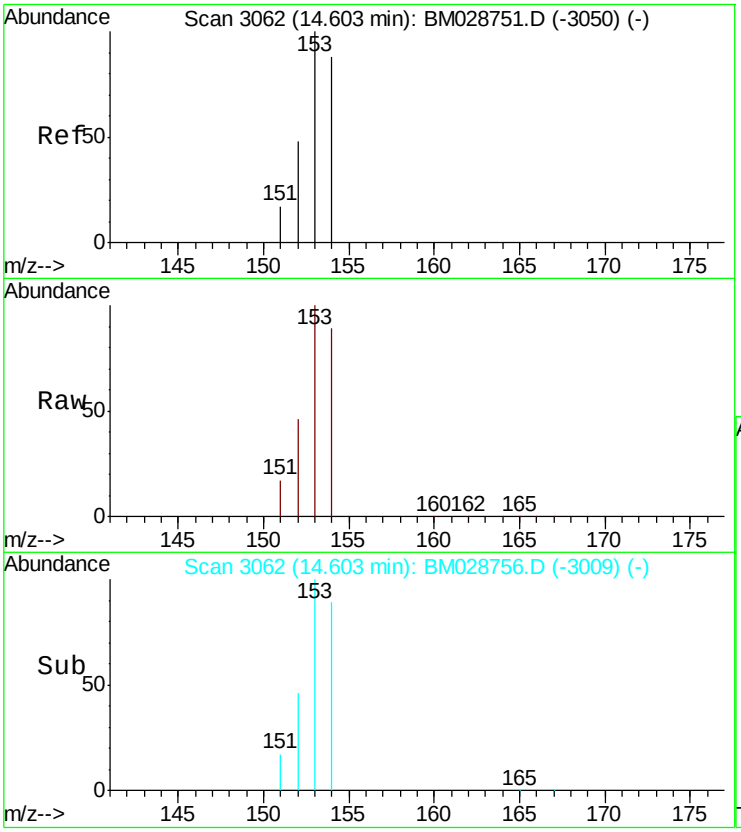


#7
Acenaphthylene
Concen: 0.355 ng/ul
RT: 14.26 min Scan# 2971
Delta R.T. -0.00 min
Lab File: BM028756.D
Acq: 16 Feb 2021 19:36

Tgt Ion:152 Resp: 1620

Ion	Ratio	Lower	Upper
152	100		
151	24.4	18.0	27.0
153	25.3	13.4	20.0#

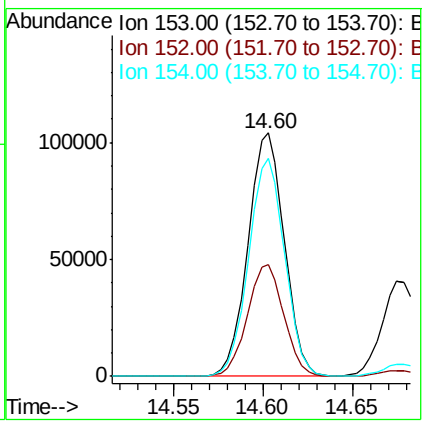




#8
Acenaphthene
Concen: 40.559 ng/ul
RT: 14.60 min Scan# 3062
Delta R.T. -0.00 min
Lab File: BM028756.D
Acq: 16 Feb 2021 19:36

Tgt Ion:153 Resp: 146715

Ion	Ratio	Lower	Upper
153	100		
152	45.8	39.6	59.4
154	89.4	70.3	105.5



Instrument :
BNA_M
ClientSampleId :
DBGJ8

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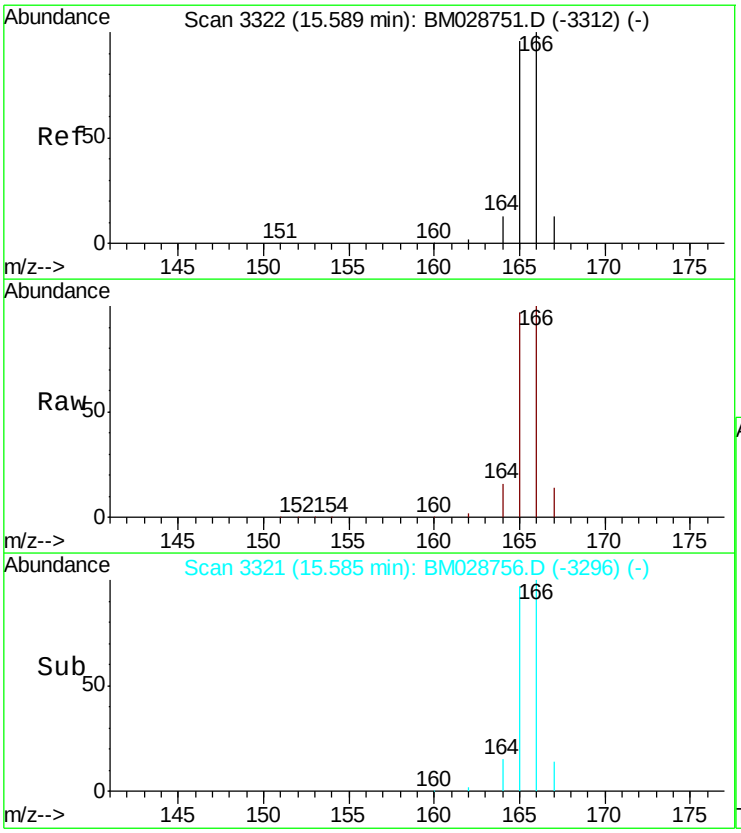
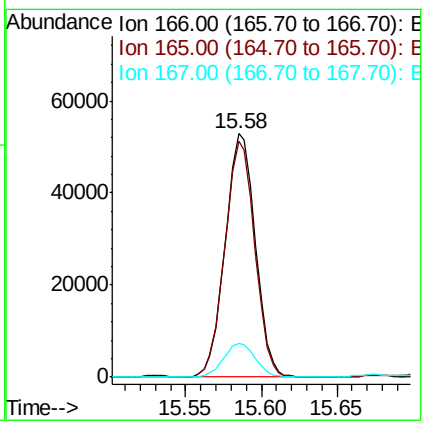
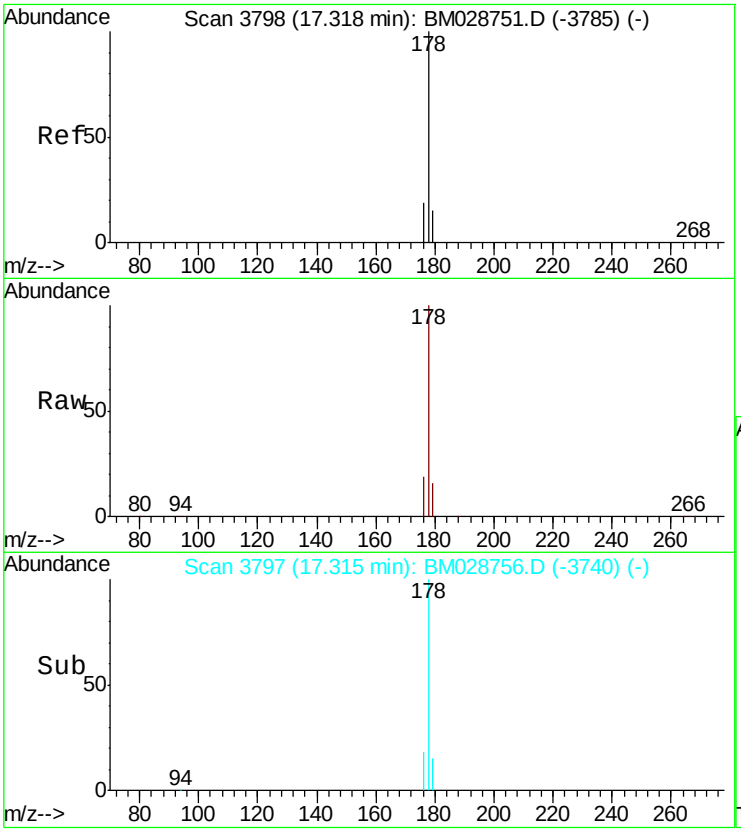


#9
Fluorene
Concen: 18.032 ng/ul
RT: 15.58 min Scan# 3321
Delta R.T. -0.00 min
Lab File: BM028756.D
Acq: 16 Feb 2021 19:36

Tgt Ion:166 Resp: 72397

Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.6	119.4
167	14.1	13.9	20.9

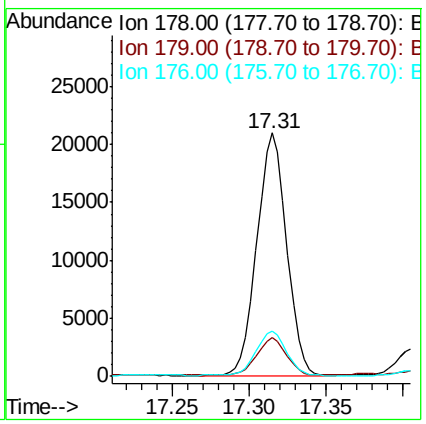




#12
Phenanthrene
Concen: 4.730 ng/ul
RT: 17.31 min Scan# 3797
Delta R.T. -0.00 min
Lab File: BM028756.D
Acq: 16 Feb 2021 19:36

Tgt Ion:178 Resp: 28055

Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.7	22.1
176	18.7	16.7	25.1



Instrument :
BNA_M
ClientSampleId :
DBGJ8

Manual Integrations APPROVED
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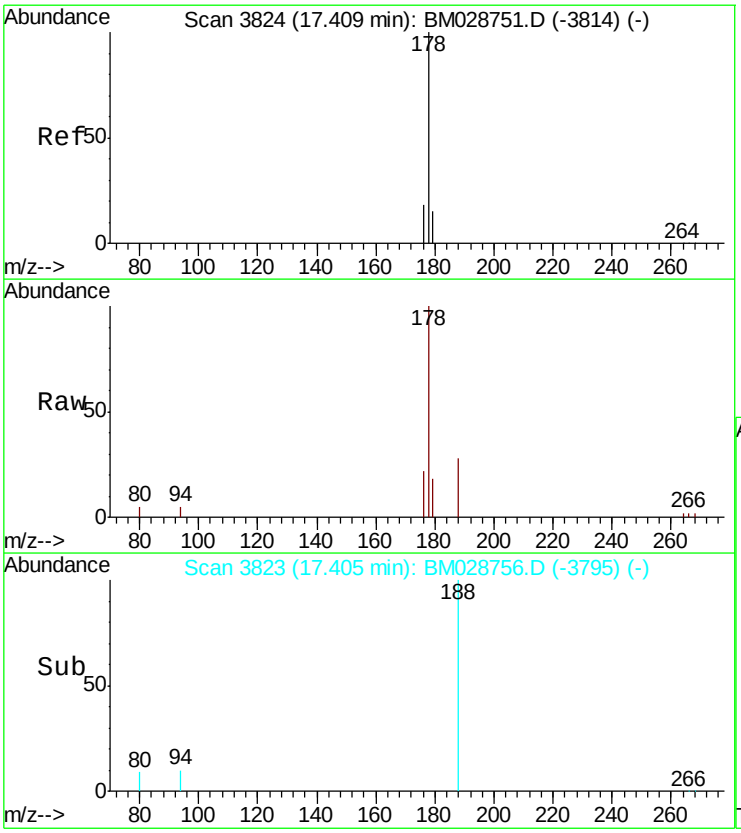
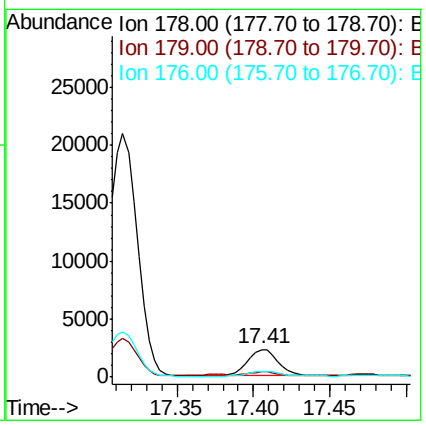
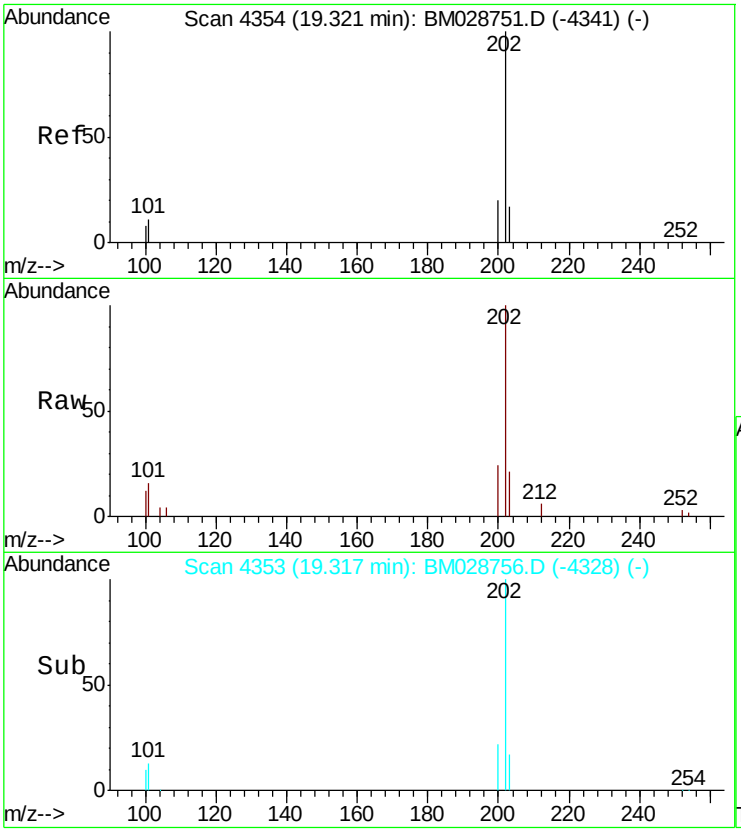


#13
Anthracene
Concen: 0.548 ng/ul
RT: 17.41 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BM028756.D
Acq: 16 Feb 2021 19:36

Tgt Ion:178 Resp: 3099

Ion	Ratio	Lower	Upper
178	100		
179	18.3	15.0	22.4
176	21.9	16.6	24.8

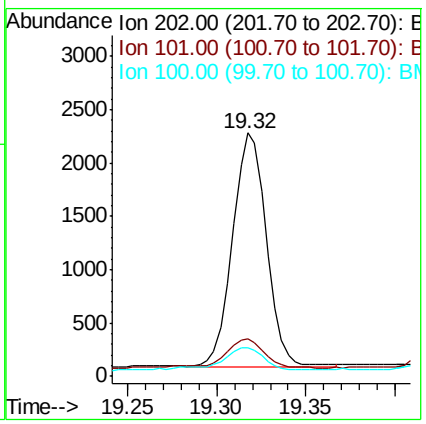




#15
Fluoranthene
Concen: 0.426 ng/ul
RT: 19.32 min Scan# 4353
Delta R.T. -0.00 min
Lab File: BM028756.D
Acq: 16 Feb 2021 19:36

Tgt Ion:202 Resp: 2874

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	34.5
100	11.9	0.0	31.7



Instrument :
BNA_M
ClientSampleId :
DBGJ8

Manual Integrations APPROVED
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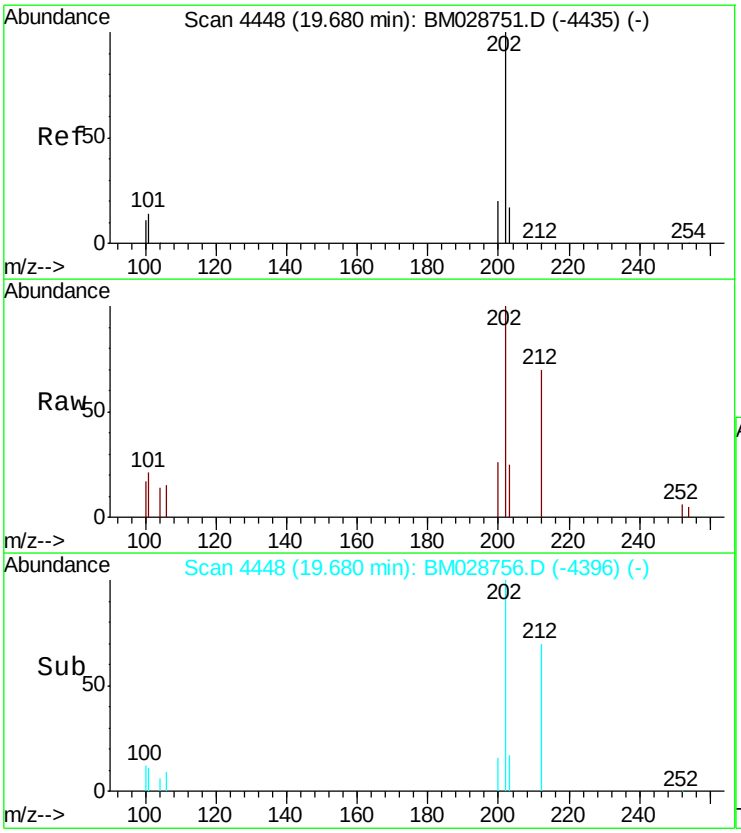

#17
Pyrene
Concen: 0.184 ng/ul m
RT: 19.68 min Scan# 4448
Delta R.T. -0.00 min
Lab File: BM028756.D
Acq: 16 Feb 2021 19:36

Tgt Ion:202 Resp: 1274

Ion	Ratio	Lower	Upper
202	100		
101	20.5	12.7	19.1#
100	17.0	10.2	15.4#