Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
Data File : BM028767.D
Acq On : 17 Feb 2021 12:02
Operator : CG/JU
Sample : M1407-21DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBGJ8DL

Manual Integrations APPROVED
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Quant Time: Feb 17 13:26:03 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 : Wed Feb 17 11:34:13 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	440	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	1684	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	917	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	1829	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	1703	0.40	ng/ul	0.00
20) Perylene-d12	23.65	264	1754	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	148	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	291	0.06	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.26	152	300	0.080	ng/ul#	62
8) Acenaphthene	14.60	153	22914	7.723	ng/ul	97
9) Fluorene	15.58	166	11048	3.355	ng/ul	97
12) Phenanthrene	17.31	178	4208	0.823	ng/ul	97
13) Anthracene	17.40	178	484	0.099	ng/ul#	82
15) Fluoranthene	19.32	202	418	0.072	ng/ul	77
17) Pyrene	19.68	202	196m	0.032	ng/ul	

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

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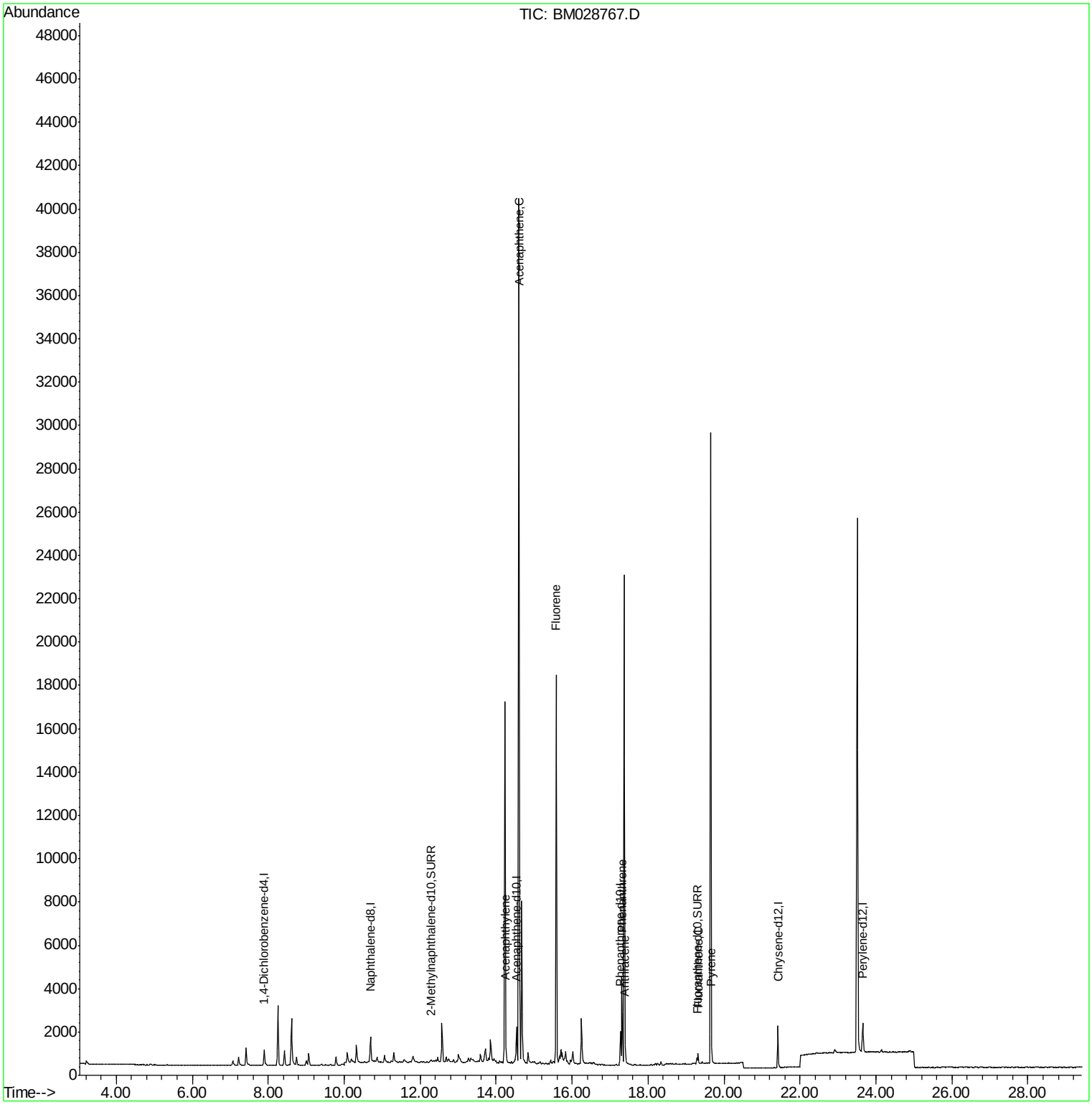

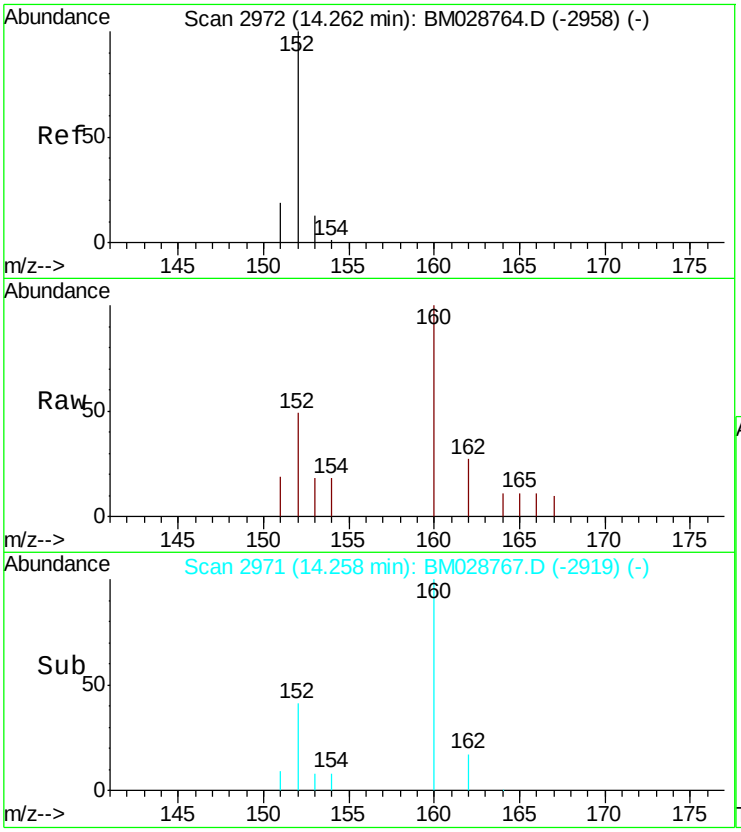

#7
Acenaphthylene
Concen: 0.080 ng/ul
RT: 14.26 min Scan# 2971
Delta R.T. -0.00 min
Lab File: BM028767.D
Acq: 17 Feb 2021 12:02

Tgt Ion:152 Resp: 300

Ion	Ratio	Lower	Upper
152	100		
151	37.8	18.0	27.0#
153	36.9	13.4	20.0#

Instrument :
BNA_M
ClientSampleId :
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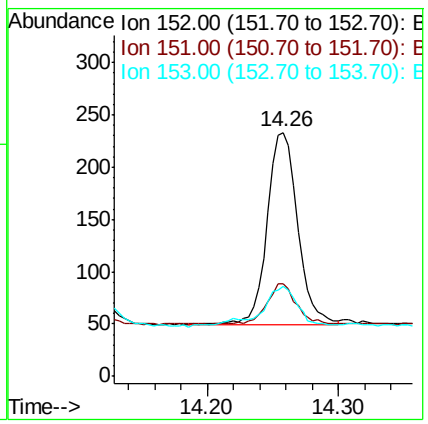
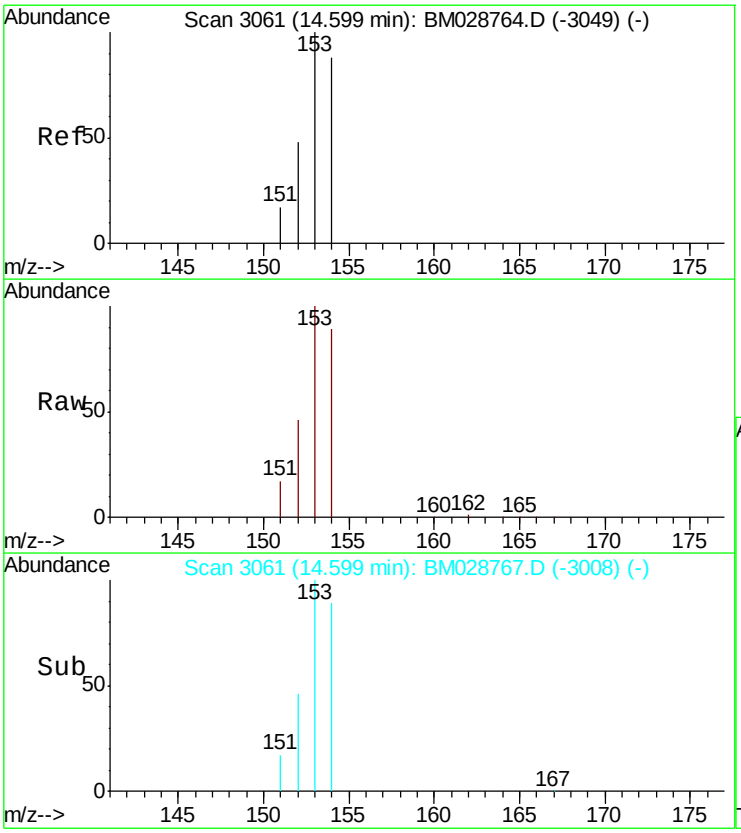
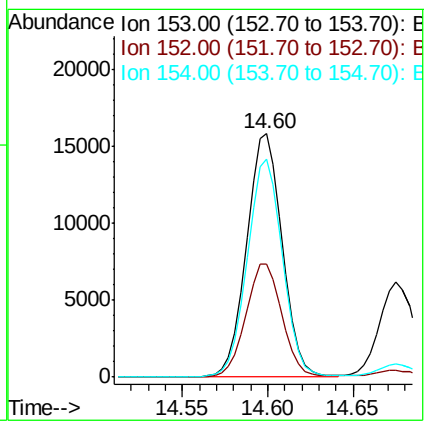


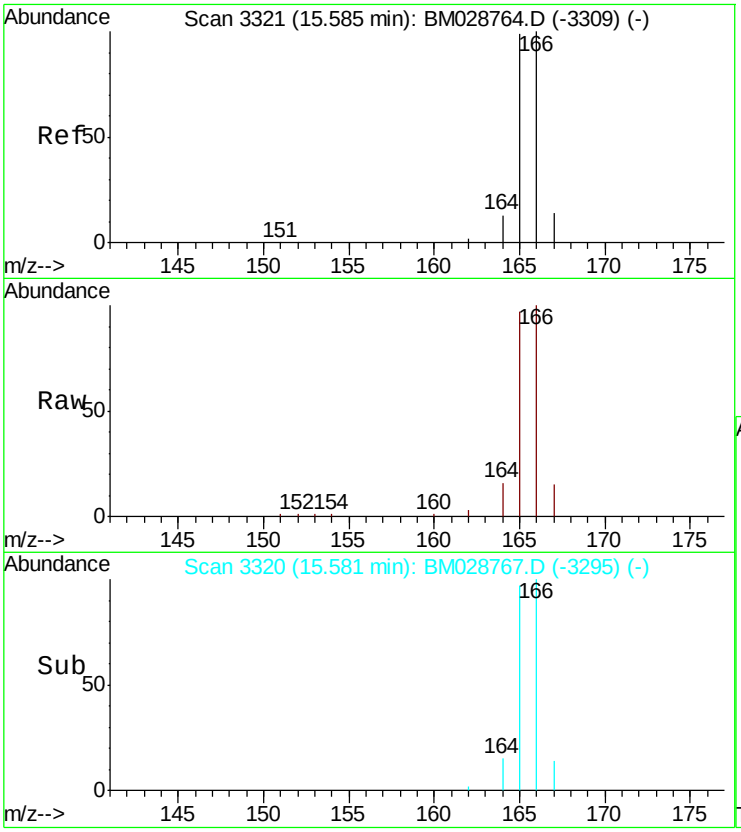


#8
Acenaphthene
Concen: 7.723 ng/ul
RT: 14.60 min Scan# 3061
Delta R.T. 0.00 min
Lab File: BM028767.D
Acq: 17 Feb 2021 12:02

Tgt Ion:153 Resp: 22914

Ion	Ratio	Lower	Upper
153	100		
152	46.5	39.6	59.4
154	89.5	70.3	105.5

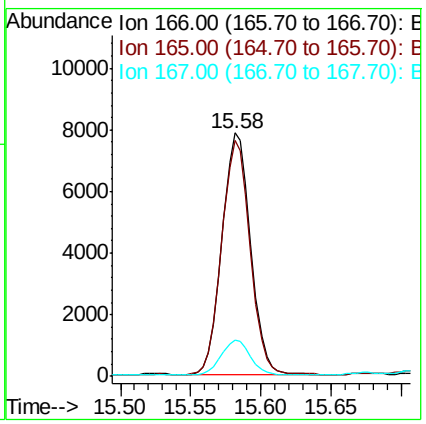




#9
Fluorene
Concen: 3.355 ng/ul
RT: 15.58 min Scan# 3320
Delta R.T. -0.00 min
Lab File: BM028767.D
Acq: 17 Feb 2021 12:02

Tgt Ion:166 Resp: 11048

Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.6	119.4
167	14.8	13.9	20.9



Instrument :
BNA_M
ClientSampleId :
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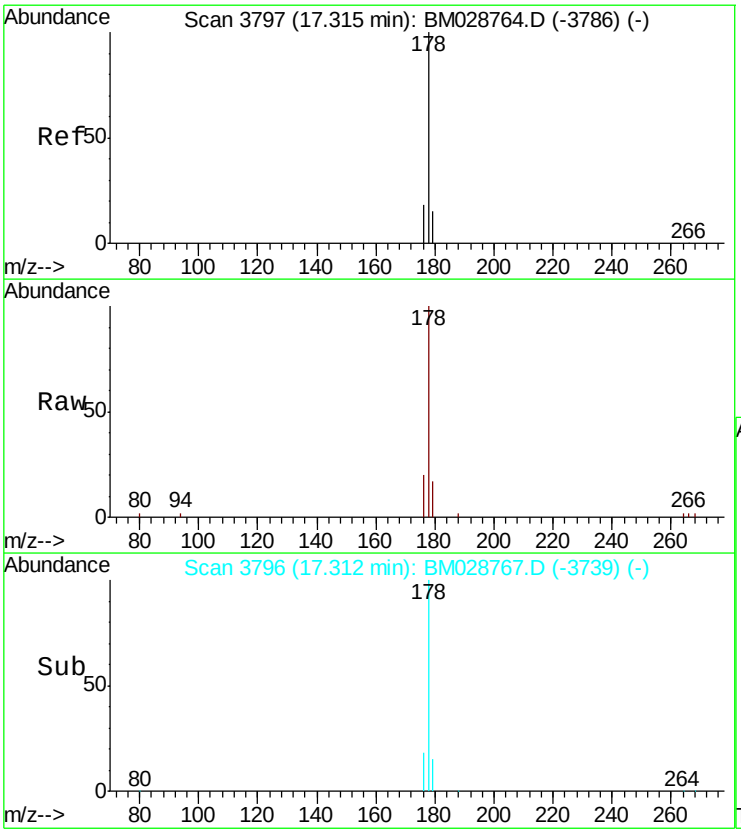
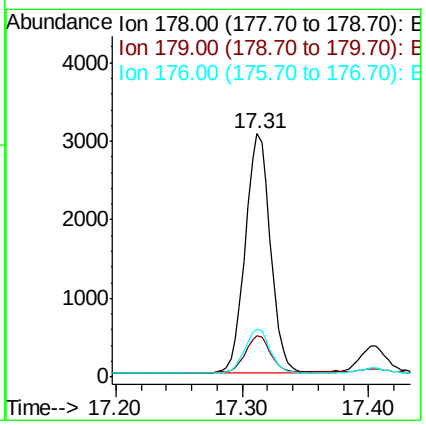
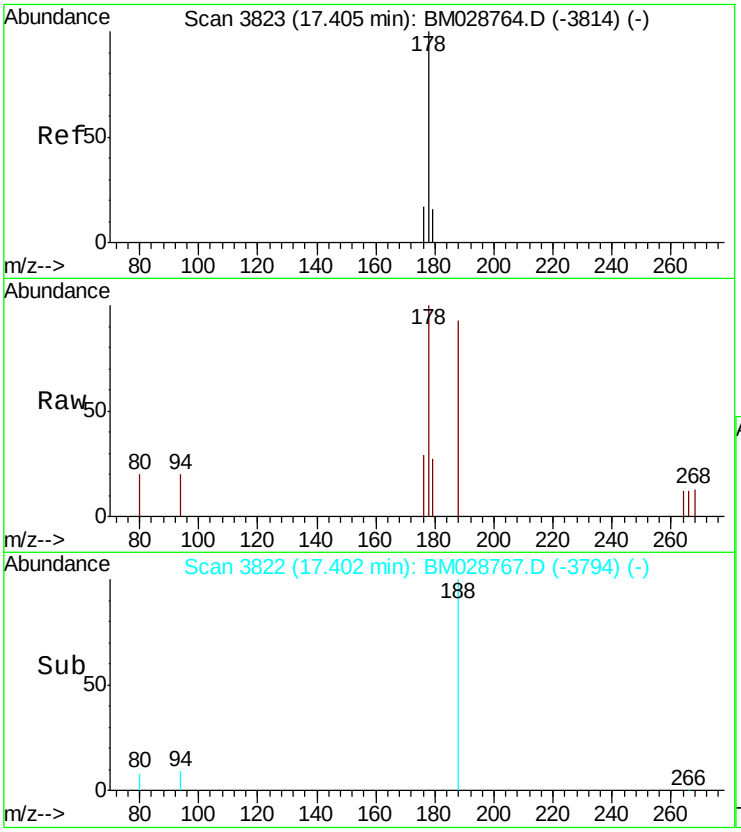


#12
Phenanthrene
Concen: 0.823 ng/ul
RT: 17.31 min Scan# 3796
Delta R.T. -0.00 min
Lab File: BM028767.D
Acq: 17 Feb 2021 12:02

Tgt Ion:178 Resp: 4208

Ion	Ratio	Lower	Upper
178	100		
179	16.8	14.7	22.1
176	19.8	16.7	25.1





#13
Anthracene
Concen: 0.099 ng/ul
RT: 17.40 min Scan# 3822
Delta R.T. -0.00 min
Lab File: BM028767.D
Acq: 17 Feb 2021 12:02

Tgt Ion:178 Resp: 484

Ion	Ratio	Lower	Upper
178	100		
179	27.1	15.0	22.4#
176	28.8	16.6	24.8#

Instrument :
BNA_M
ClientSampleId :
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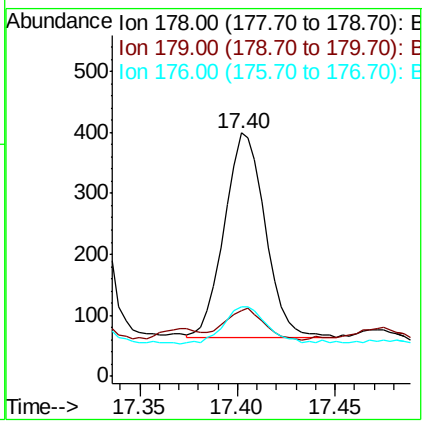
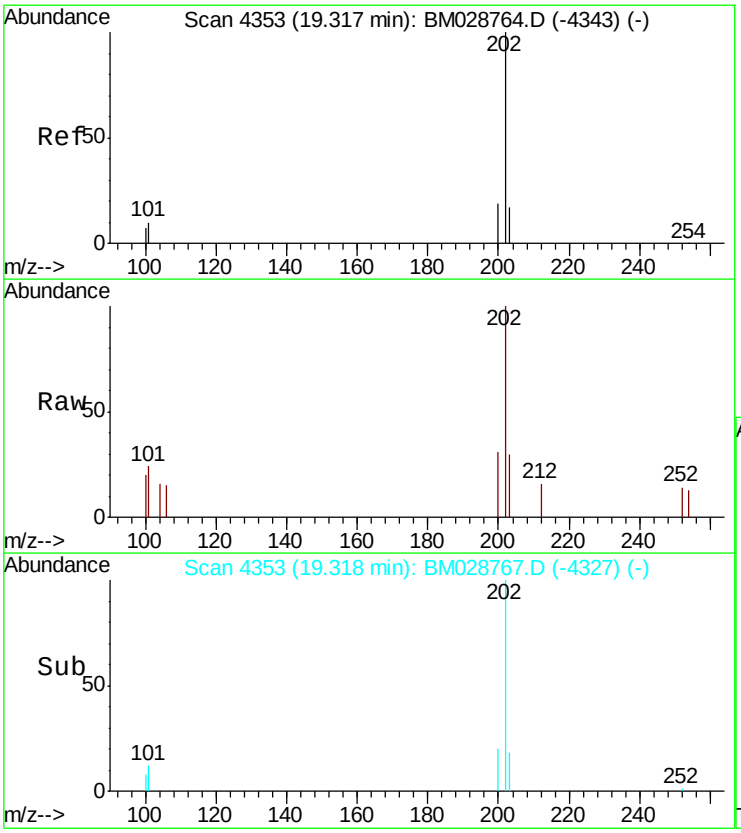
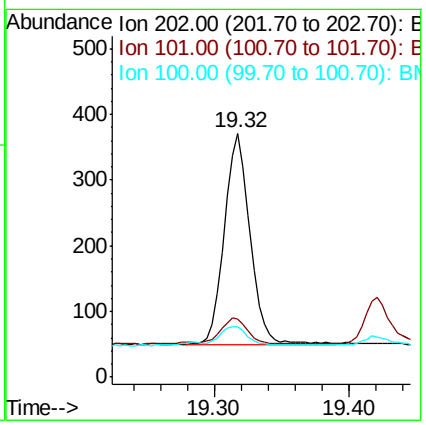


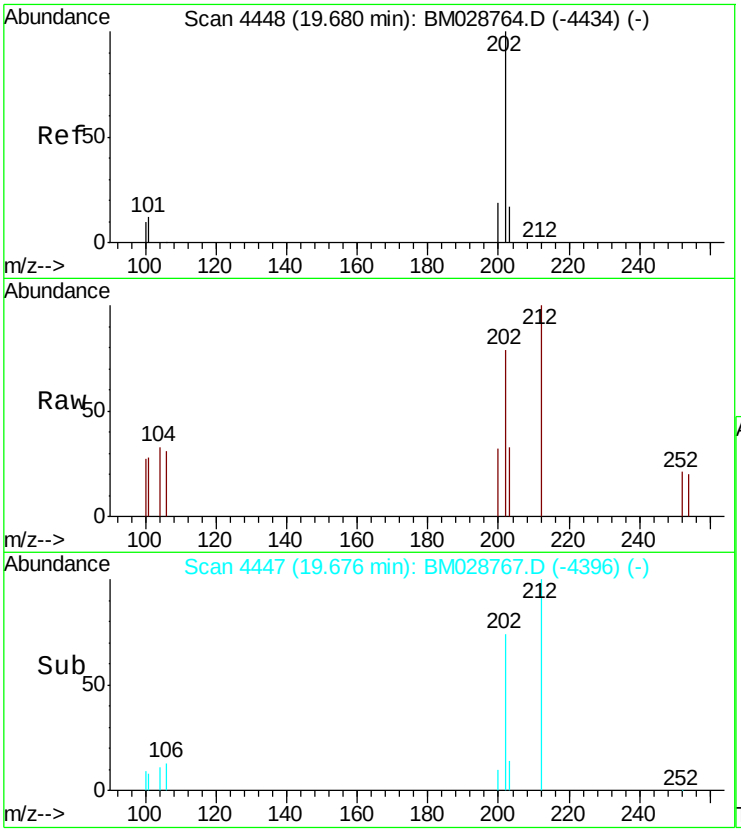


#15
Fluoranthene
Concen: 0.072 ng/ul
RT: 19.32 min Scan# 4353
Delta R.T. 0.00 min
Lab File: BM028767.D
Acq: 17 Feb 2021 12:02

Tgt Ion:202 Resp: 418

Ion	Ratio	Lower	Upper
202	100		
101	24.0	0.0	34.5
100	20.5	0.0	31.7

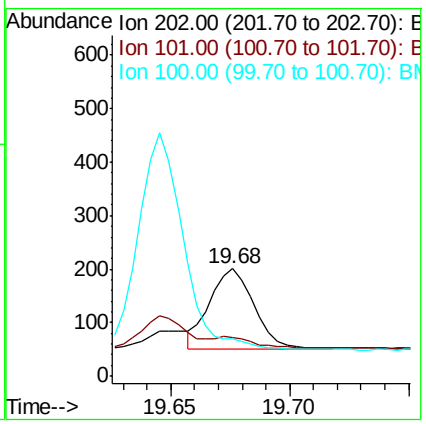




#17
Pyrene
Concen: 0.032 ng/ul m
RT: 19.68 min Scan# 4447
Delta R.T. -0.00 min
Lab File: BM028767.D
Acq: 17 Feb 2021 12:02

Tgt Ion:202 Resp: 196

Ion	Ratio	Lower	Upper
202	100		
101	35.8	12.7	19.1#
100	34.3	10.2	15.4#



Instrument :
BNA_M
ClientSampleId :
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