Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031220\
Data File : BM025538.D
Acq On : 13 Mar 2020 00:38
Operator : CG/JU
Sample : L1782-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
3/16/2020 1:50:54 PM

Quant Time: Mar 13 05:32:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3488	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	14960	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	10698	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	22028m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	16575	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	17722	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	10115	0.38	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	24237	0.40	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	4700	0.106	ng/ul	98
8) Acenaphthene	14.34	153	864	0.023	ng/ul	94
9) Fluorene	15.33	166	4062	0.087	ng/ul	99
12) Phenanthrene	17.07	178	2736	0.039	ng/ul#	89
13) Anthracene	17.16	178	1977	0.033	ng/ul#	87
15) Fluoranthene	19.08	202	2532	0.033	ng/ul	86

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

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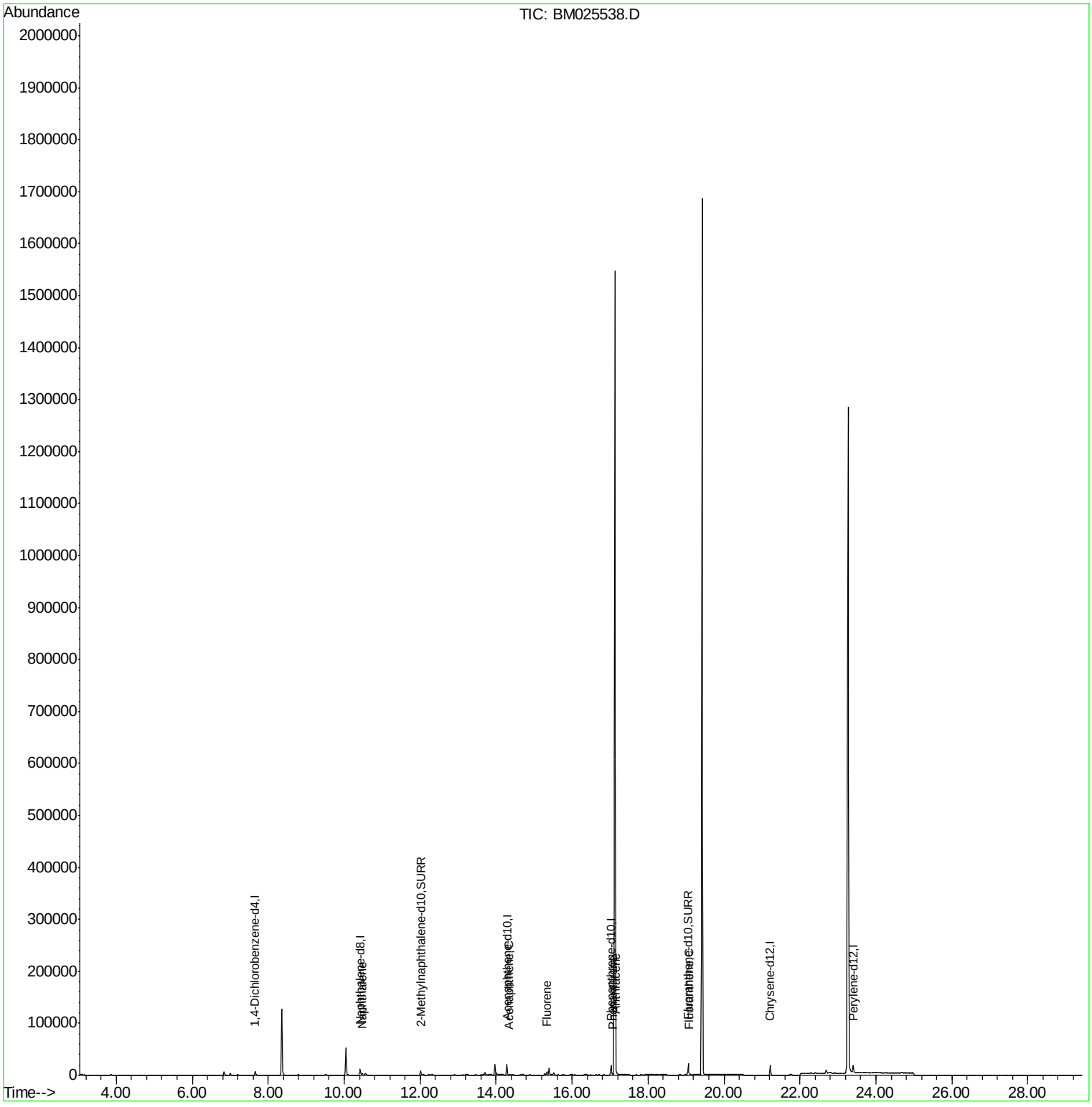
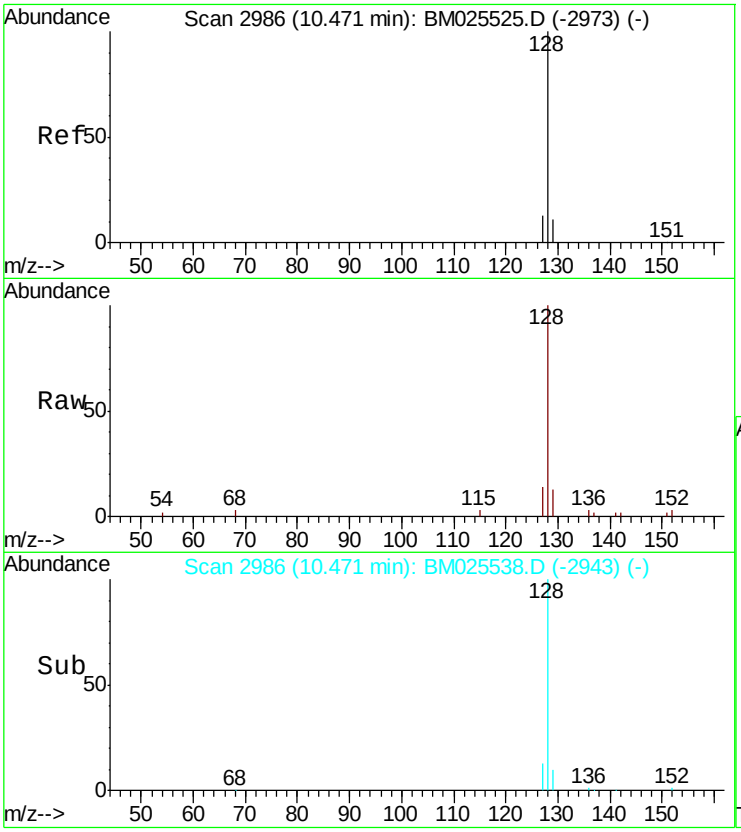
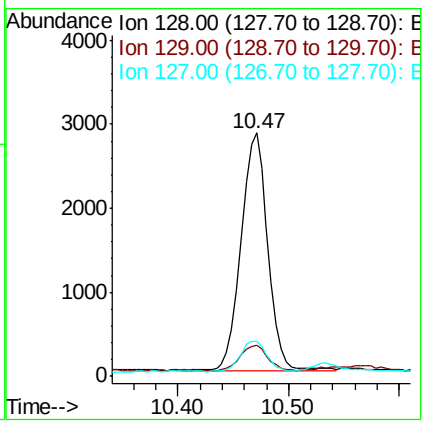




#3
Naphthalene
Concen: 0.106 ng/ul
RT: 10.47 min Scan# 2986
Delta R.T. -0.01 min
Lab File: BM025538.D
Acq: 13 Mar 2020 00:38

Tgt Ion:128 Resp: 4700

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.4	14.0
127	14.3	10.9	16.3



Instrument :
BNA_M
ClientSampleId :
C0AB1

Manual Integrations APPROVED
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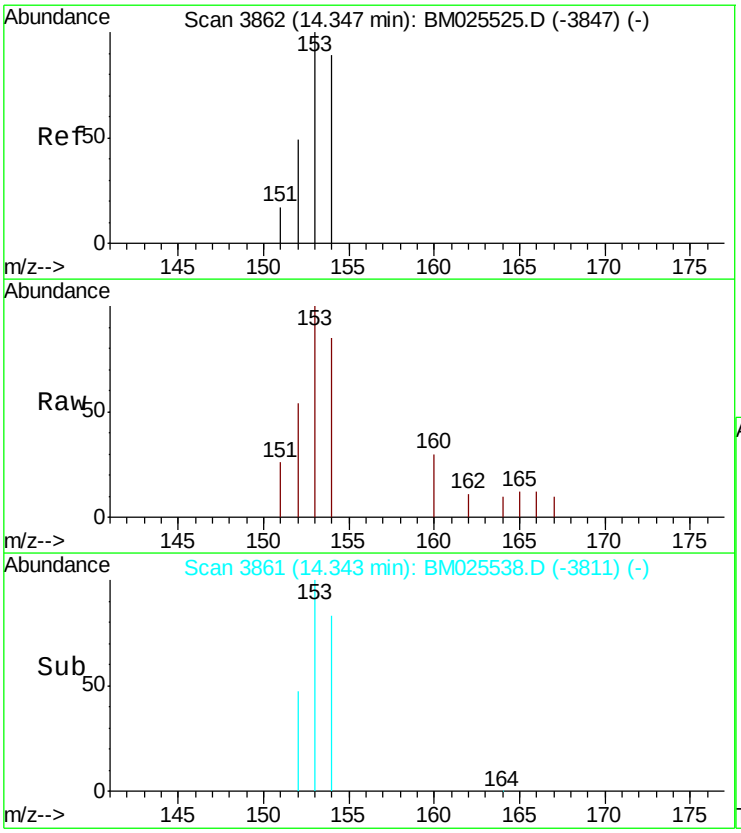
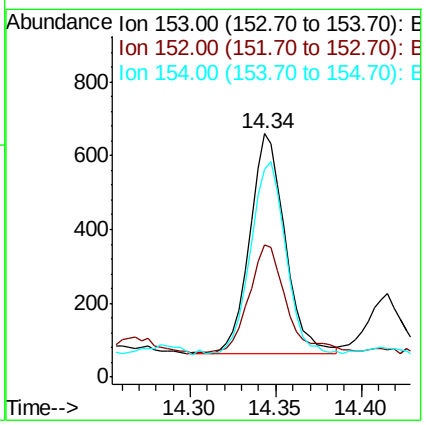
3/16/2020 1:50:54 PM

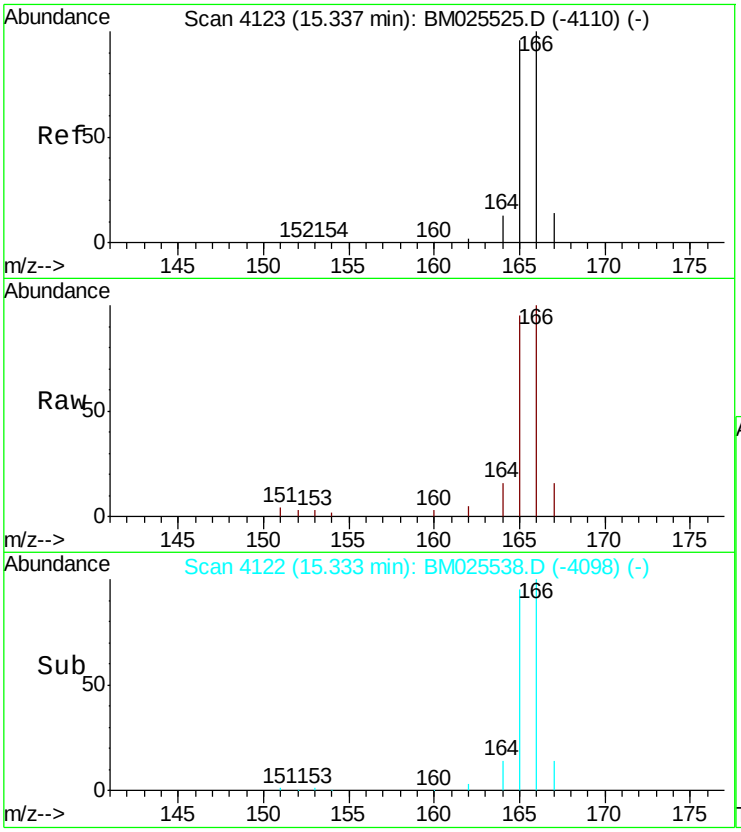


#8
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.34 min Scan# 3861
Delta R.T. -0.01 min
Lab File: BM025538.D
Acq: 13 Mar 2020 00:38

Tgt Ion:153 Resp: 864

Ion	Ratio	Lower	Upper
153	100		
152	54.4	39.5	59.3
154	85.2	71.7	107.5

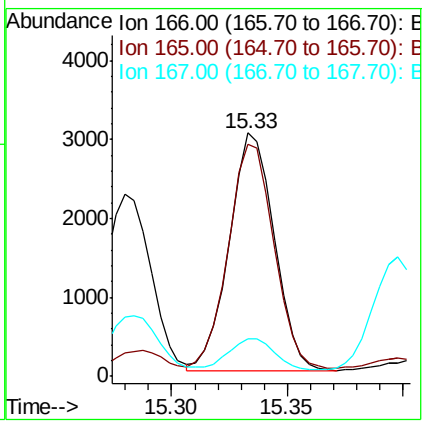




#9
Fluorene
Concen: 0.087 ng/ul
RT: 15.33 min Scan# 4122
Delta R.T. -0.01 min
Lab File: BM025538.D
Acq: 13 Mar 2020 00:38

Tgt Ion:166 Resp: 4062

Ion	Ratio	Lower	Upper
166	100		
165	95.4	76.8	115.2
167	15.6	11.2	16.8



Instrument :
BNA_M
ClientSampleId :
C0AB1

Manual Integrations APPROVED
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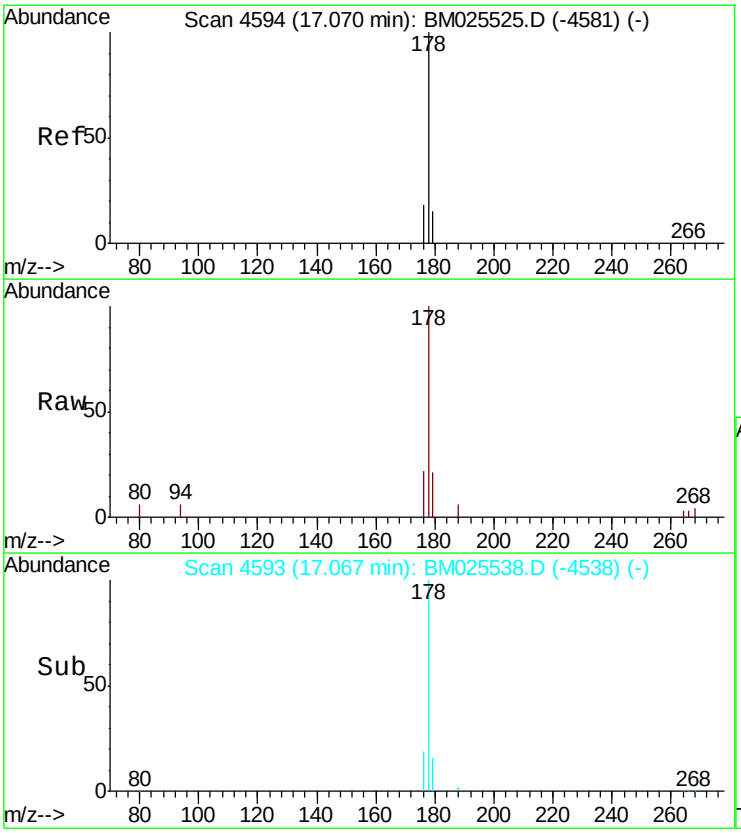
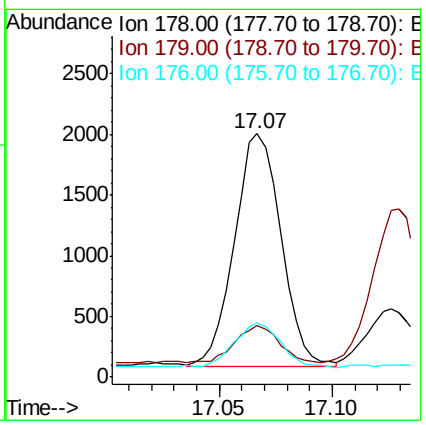
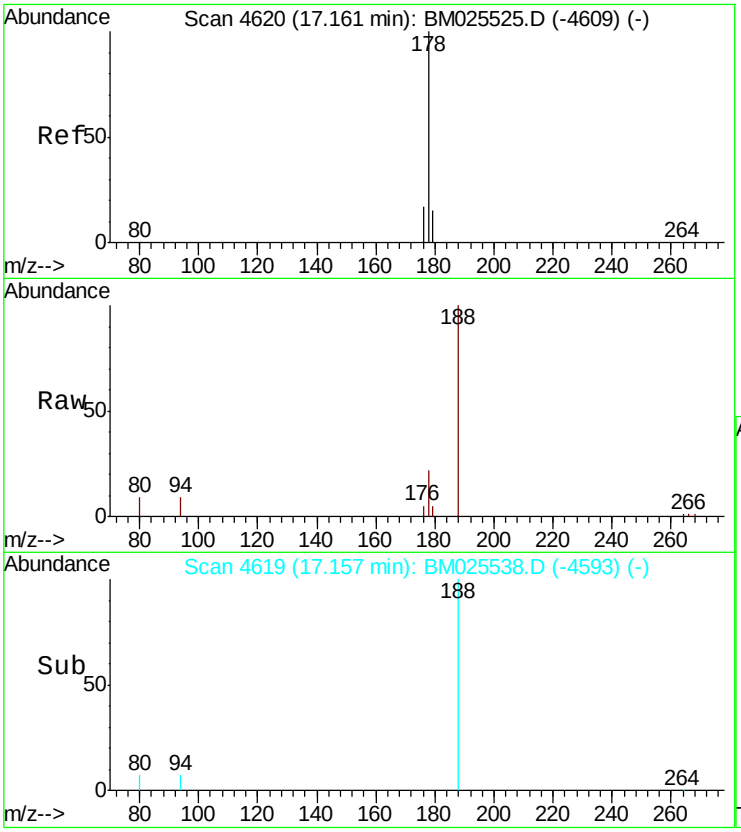


#12
Phenanthrene
Concen: 0.039 ng/ul
RT: 17.07 min Scan# 4593
Delta R.T. -0.01 min
Lab File: BM025538.D
Acq: 13 Mar 2020 00:38

Tgt Ion:178 Resp: 2736

Ion	Ratio	Lower	Upper
178	100		
179	21.1	12.4	18.6#
176	22.3	14.8	22.2#

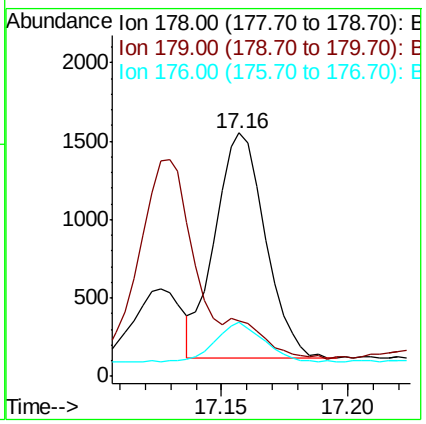




#13
Anthracene
Concen: 0.033 ng/ul
RT: 17.16 min Scan# 4619
Delta R.T. -0.01 min
Lab File: BM025538.D
Acq: 13 Mar 2020 00:38

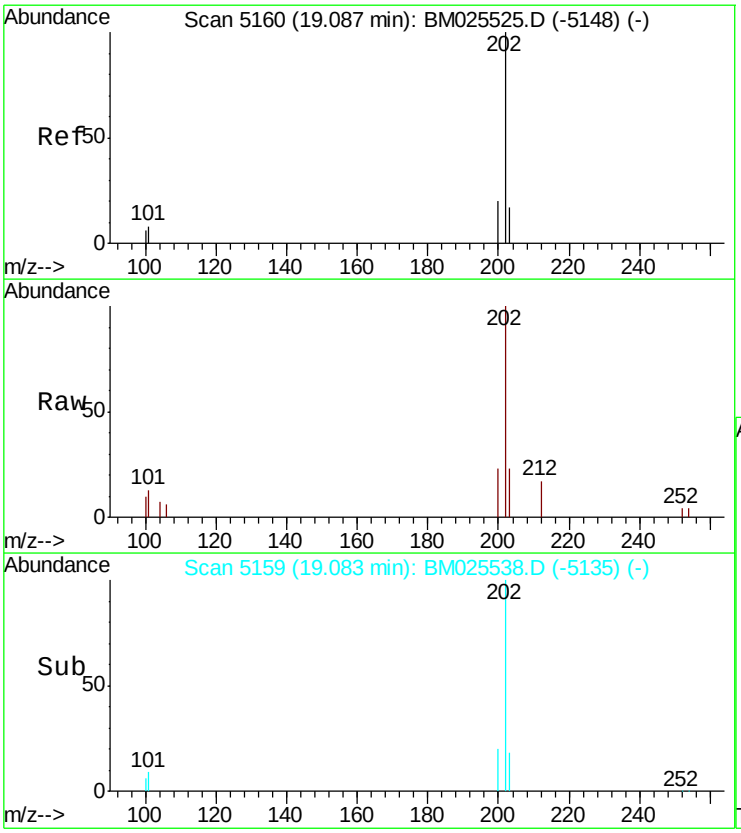
Tgt Ion:178 Resp: 1977

Ion	Ratio	Lower	Upper
178	100		
179	22.8	12.6	18.8#
176	22.4	14.5	21.7#



Instrument :
BNA_M
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
3/16/2020 1:50:54 PM



#15
Fluoranthene
Concen: 0.033 ng/ul
RT: 19.08 min Scan# 5159
Delta R.T. -0.01 min
Lab File: BM025538.D
Acq: 13 Mar 2020 00:38

Tgt Ion:202 Resp: 2532

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	27.5
100	10.0	0.0	26.0