Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
Data File : BM025049.D
Acq On : 25 Feb 2020 18:15
Operator : CG/JU
Sample : L1486-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBCW5

Manual Integrations APPROVED
mohammad
2/26/2020 6:48:56 AM

Quant Time: Feb 25 23:56:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	2944	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	11792	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.33	164	7628	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	16863m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	18103	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	21124	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	6018	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	16383	0.28	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.39	153	1897	0.064	ng/ul	100
9) Fluorene	15.38	166	1230	0.033	ng/ul#	92
12) Phenanthrene	17.11	178	1257m	0.021	ng/ul	
13) Anthracene	17.20	178	5939	0.103	ng/ul	99
15) Fluoranthene	19.12	202	7057	0.082	ng/ul	99
17) Pyrene	19.49	202	8066m	0.099	ng/ul	

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

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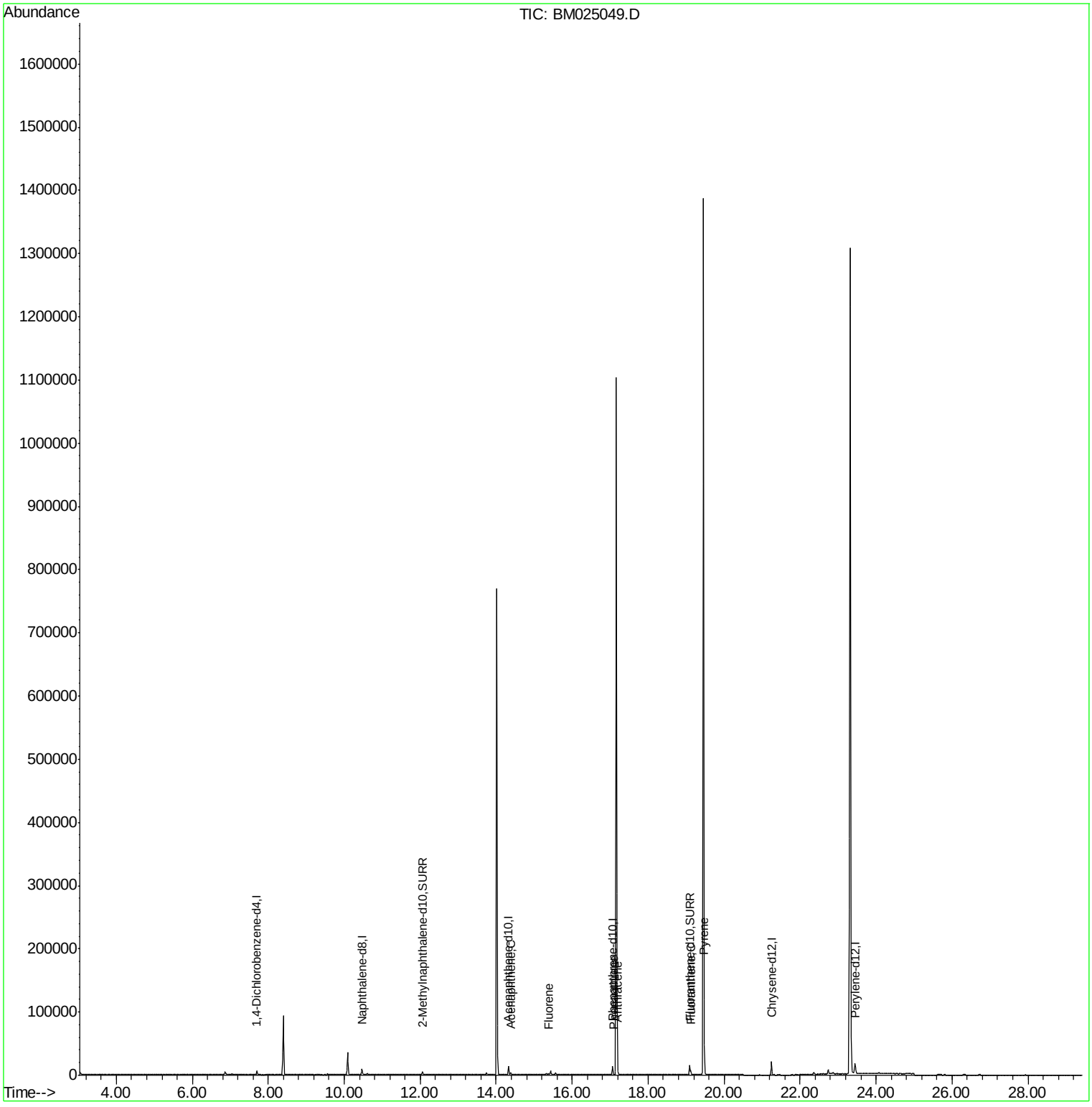
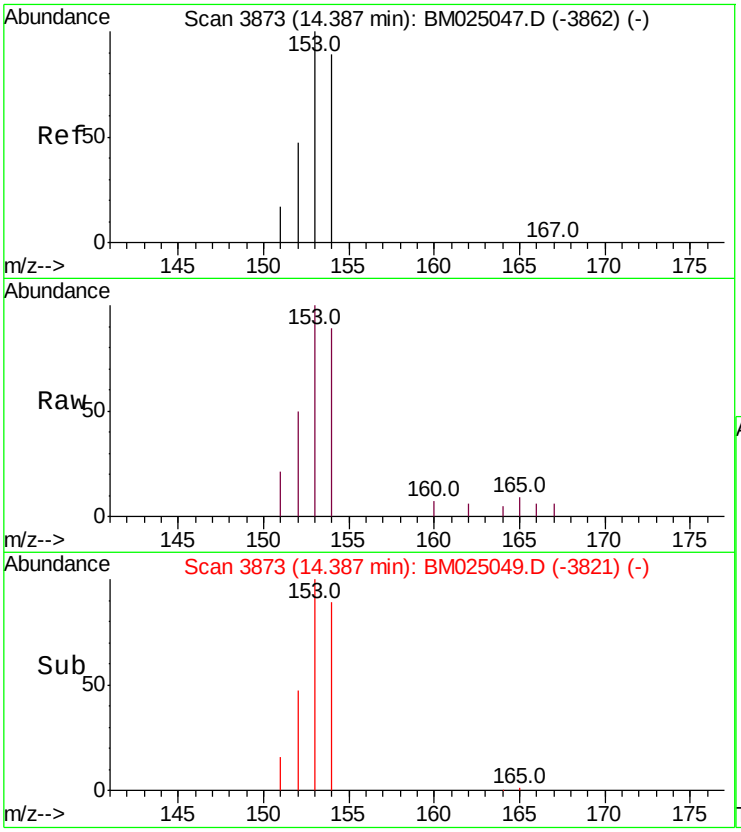
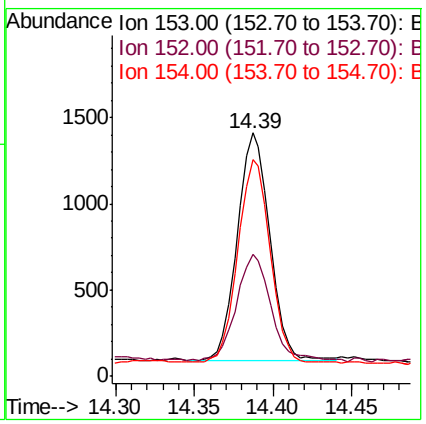




#8
Acenaphthene
Concen: 0.064 ng/ul
RT: 14.39 min Scan# 3873
Delta R.T. -0.00 min
Lab File: BM025049.D
Acq: 25 Feb 2020 18:15

Tgt Ion:153 Resp: 1897

Ion	Ratio	Lower	Upper
153	100		
152	50.0	40.0	60.0
154	88.9	71.0	106.6



Instrument :
BNA_M
ClientSampleId :
DBCW5

Manual Integrations APPROVED
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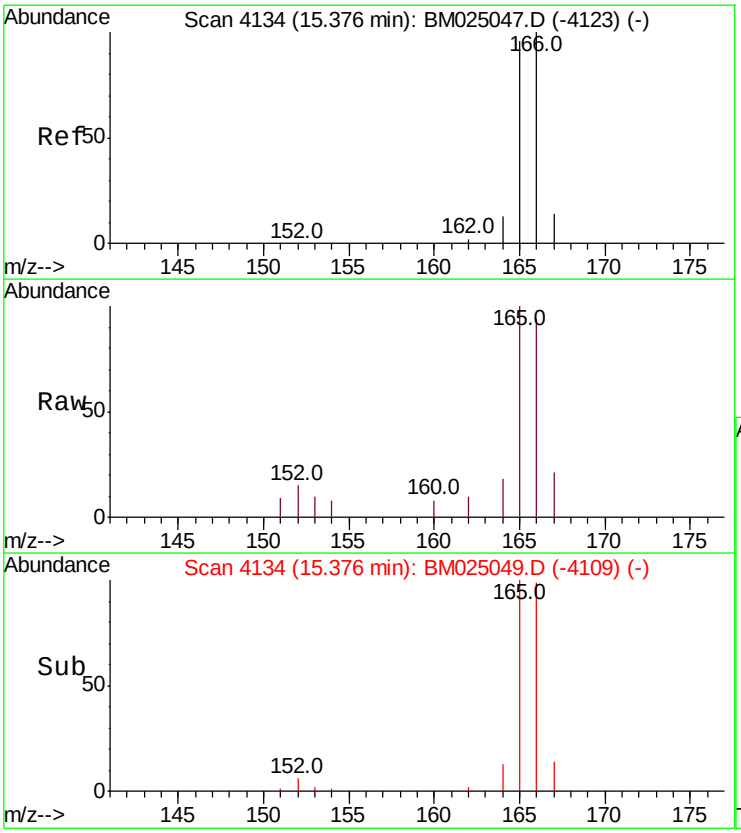
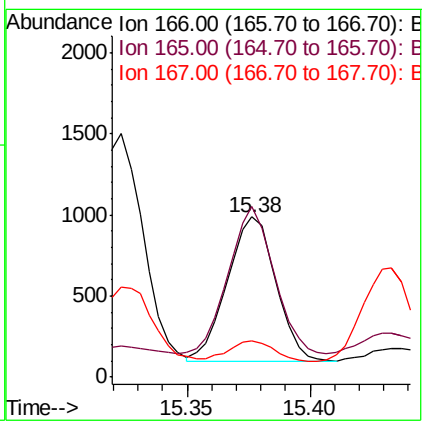
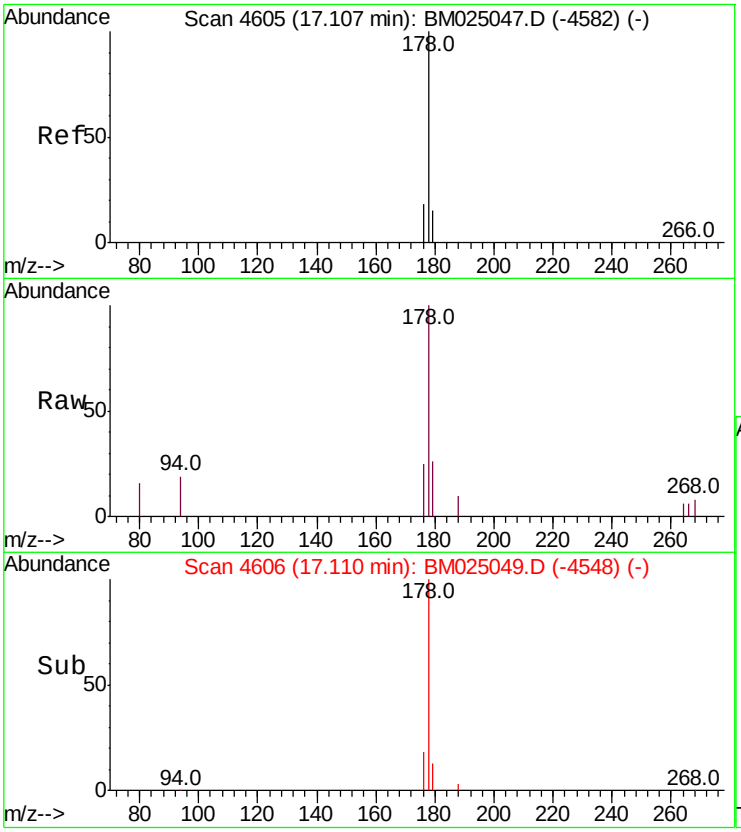


#9
Fluorene
Concen: 0.033 ng/ul
RT: 15.38 min Scan# 4134
Delta R.T. -0.00 min
Lab File: BM025049.D
Acq: 25 Feb 2020 18:15

Tgt Ion:166 Resp: 1230

Ion	Ratio	Lower	Upper
166	100		
165	106.9	80.0	120.0
167	22.7	13.7	20.5#





#12
Phenanthrene
Concen: 0.021 ng/ul m
RT: 17.11 min Scan# 4606
Delta R.T. -0.00 min
Lab File: BM025049.D
Acq: 25 Feb 2020 18:15

Tgt Ion:178 Resp: 1257

Ion	Ratio	Lower	Upper
178	100		
179	25.6	14.0	21.0#
176	25.2	16.6	24.8#

Instrument :
BNA_M
ClientSampleId :
DBCW5

Manual Integrations APPROVED
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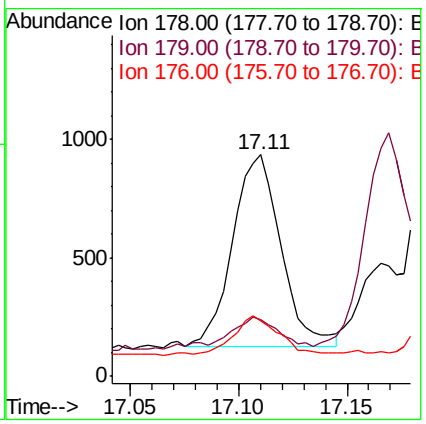
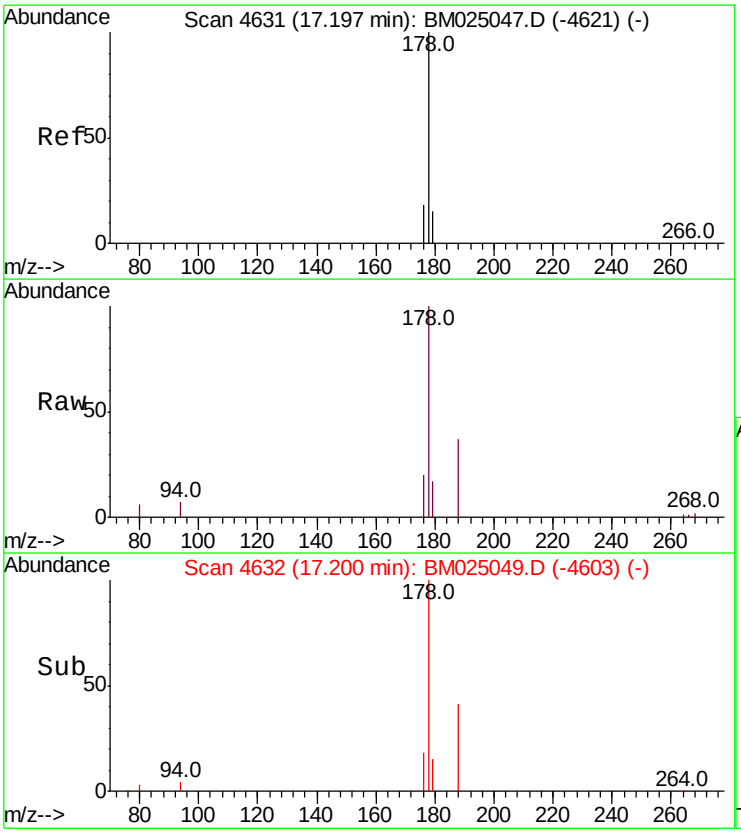
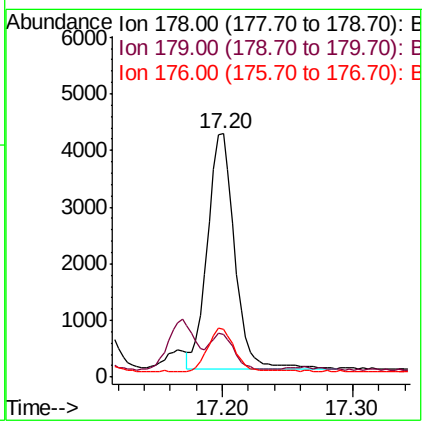


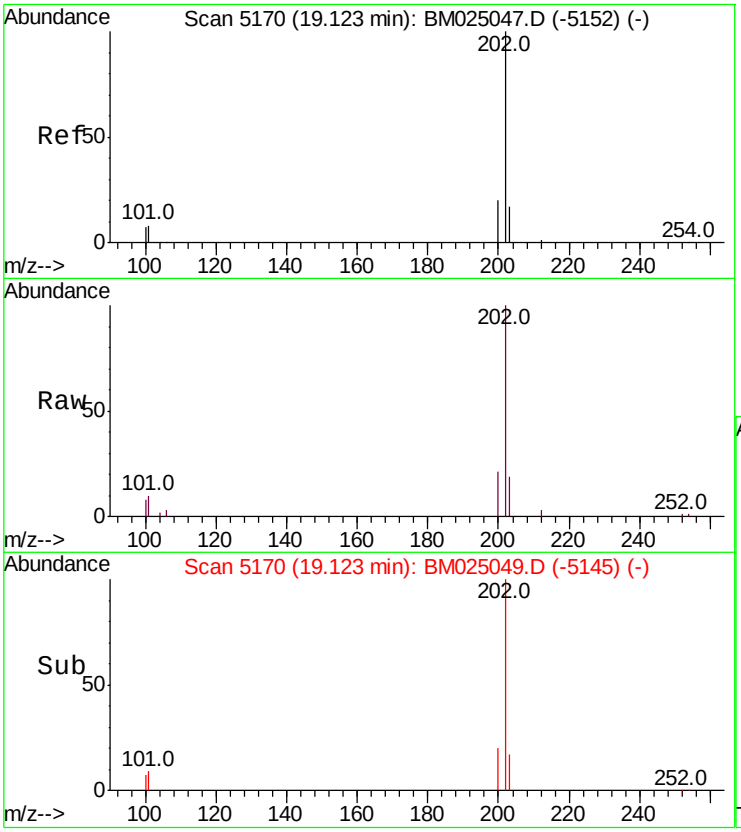


#13
Anthracene
Concen: 0.103 ng/ul
RT: 17.20 min Scan# 4632
Delta R.T. -0.00 min
Lab File: BM025049.D
Acq: 25 Feb 2020 18:15

Tgt Ion:178 Resp: 5939

Ion	Ratio	Lower	Upper
178	100		
179	17.3	14.1	21.1
176	19.7	16.2	24.4

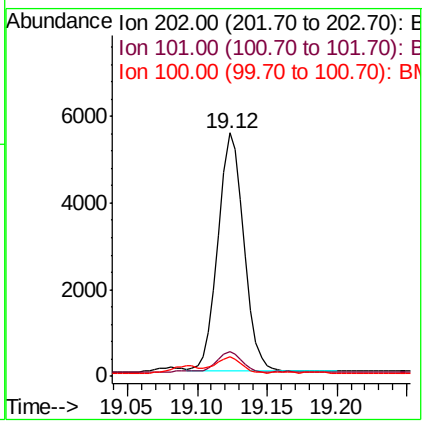




#15
Fluoranthene
Concen: 0.082 ng/ul
RT: 19.12 min Scan# 5170
Delta R.T. -0.00 min
Lab File: BM025049.D
Acq: 25 Feb 2020 18:15

Tgt Ion:202 Resp: 7057

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.4
100	8.1	0.0	28.0



Instrument :
BNA_M
ClientSampleId :
DBCW5

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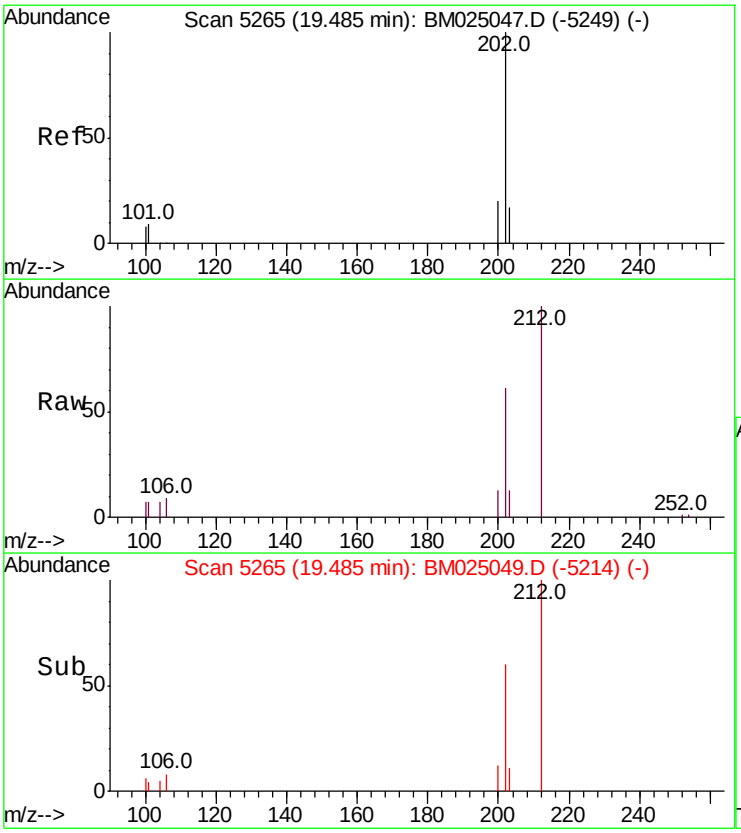

#17
Pyrene
Concen: 0.099 ng/ul m
RT: 19.49 min Scan# 5265
Delta R.T. -0.00 min
Lab File: BM025049.D
Acq: 25 Feb 2020 18:15

Tgt Ion:202 Resp: 8066

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.7	13.1
100	11.0	7.3	10.9#