Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
Data File : BM025055.D
Acq On : 25 Feb 2020 21:52
Operator : CG/JU
Sample : L1486-23
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBCX5

Manual Integrations APPROVED
mohammad
2/26/2020 6:49:22 AM

Quant Time: Feb 26 00:09:02 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	3162	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	12538	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	8199	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	18358m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	18898	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	21220	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	6640	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	20959	0.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.52	128	20443	0.536	ng/ul#	83
5) 2-Methylnaphthalene	12.13	142	4370	0.159	ng/ul	99
7) Acenaphthylene	14.04	152	2269	0.048	ng/ul#	95
8) Acenaphthene	14.39	153	45795	1.442	ng/ul	98
9) Fluorene	15.38	166	25090	0.630	ng/ul	95
12) Phenanthrene	17.11	178	27693	0.429	ng/ul	96
15) Fluoranthene	19.12	202	14936	0.159	ng/ul	98
17) Pyrene	19.49	202	5737	0.067	ng/ul#	96

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

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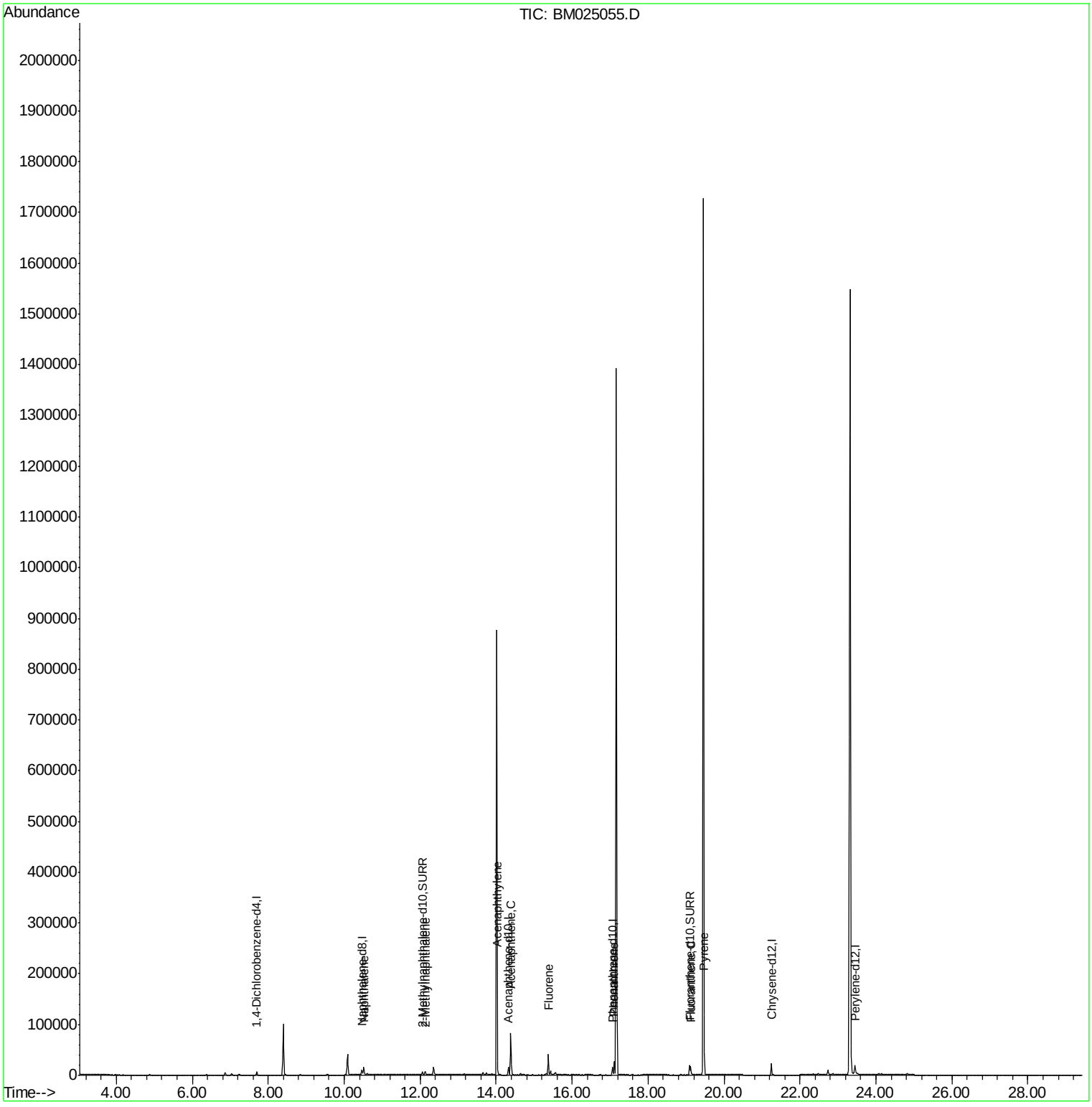

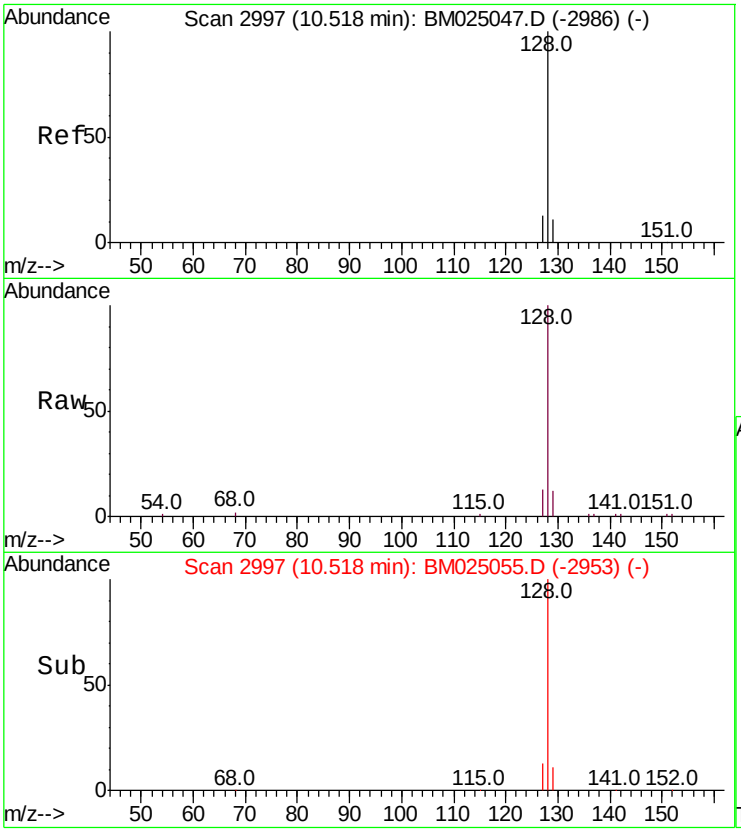

#3
Naphthalene
Concen: 0.536 ng/ul
RT: 10.52 min Scan# 2997
Delta R.T. -0.00 min
Lab File: BM025055.D
Acq: 25 Feb 2020 21:52

Tgt Ion:128 Resp: 20443

Ion	Ratio	Lower	Upper
128	100		
129	11.8	17.0	25.6#
127	13.4	15.7	23.5#

Instrument :
BNA_M
ClientSampleId :
DBCX5

Manual Integrations APPROVED
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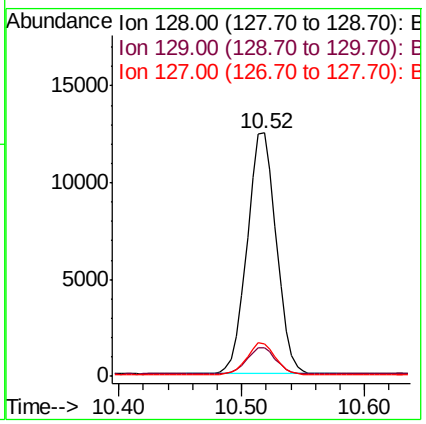
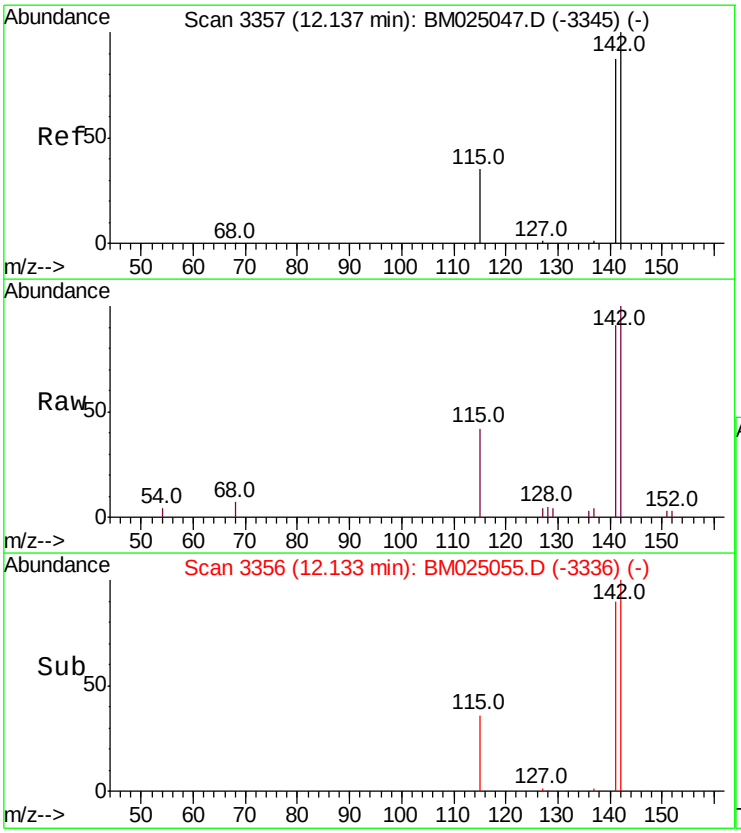
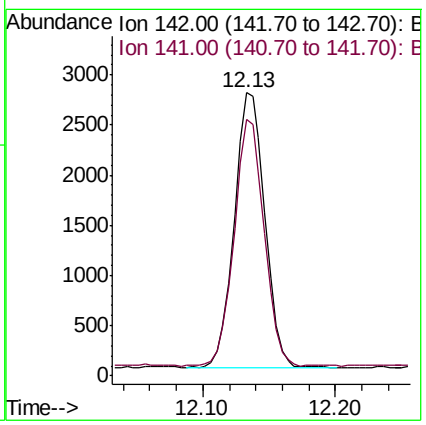


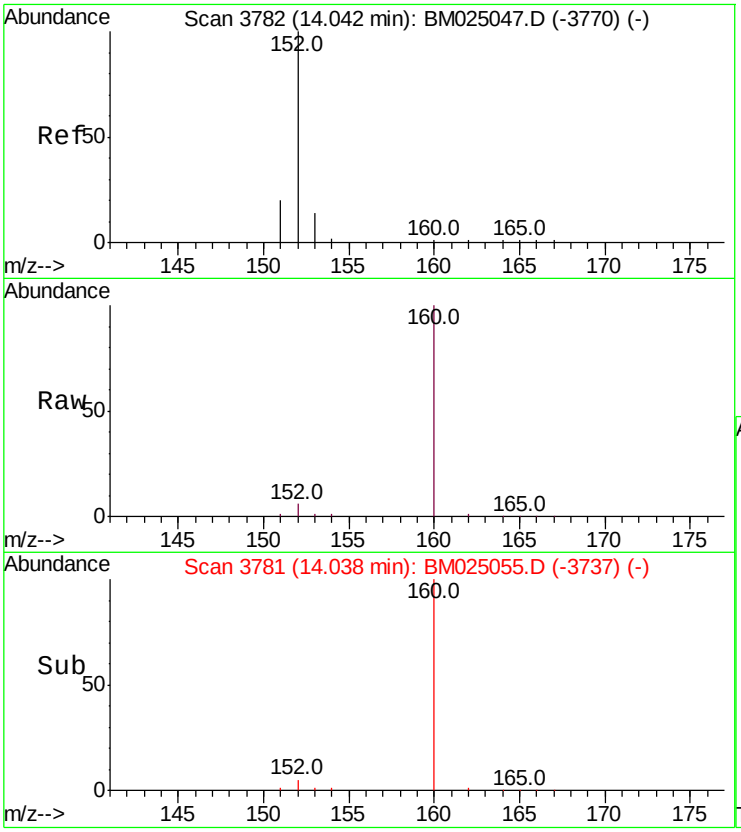


#5
2-Methylnaphthalene
Concen: 0.159 ng/ul
RT: 12.13 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM025055.D
Acq: 25 Feb 2020 21:52

Tgt Ion:142 Resp: 4370

Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.8	104.8





#7
Acenaphthylene
Concen: 0.048 ng/ul
RT: 14.04 min Scan# 3781
Delta R.T. -0.01 min
Lab File: BM025055.D
Acq: 25 Feb 2020 21:52

Tgt Ion:152 Resp: 2269

Ion	Ratio	Lower	Upper
152	100		
151	23.0	17.8	26.8
153	20.4	13.3	19.9#

Instrument :
BNA_M
ClientSampleId :
DBCX5

Manual Integrations APPROVED
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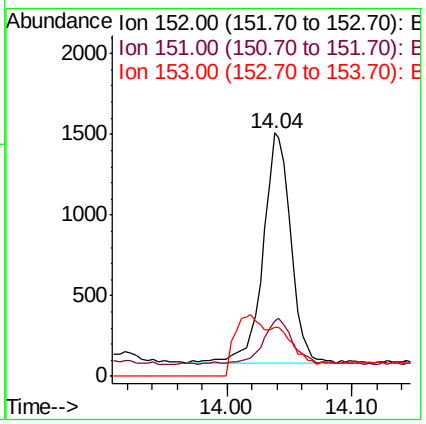
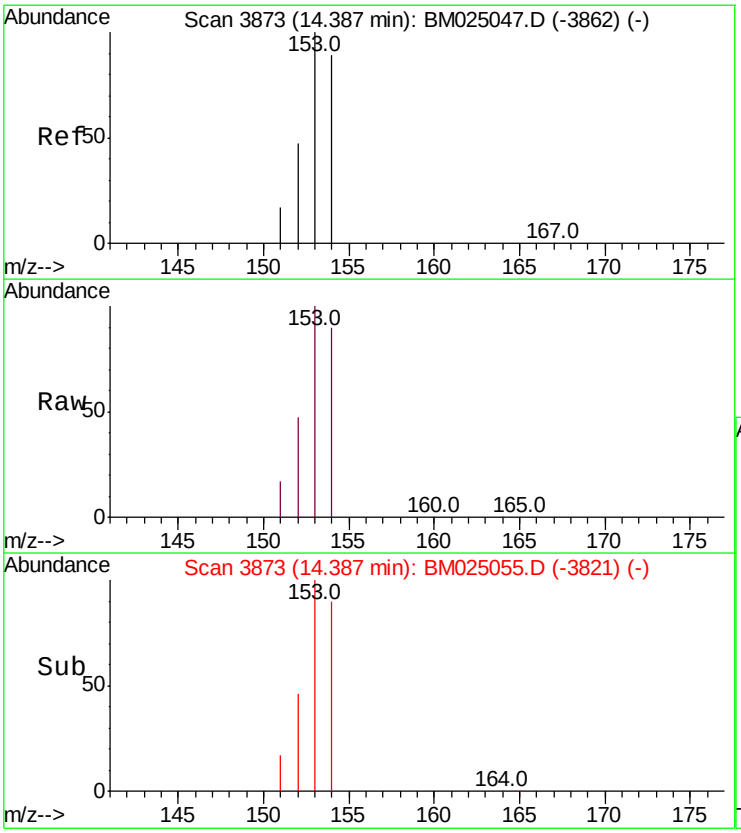
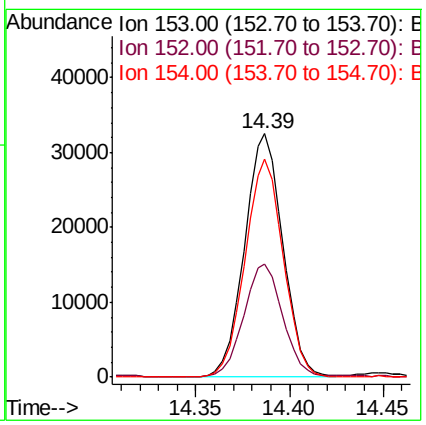


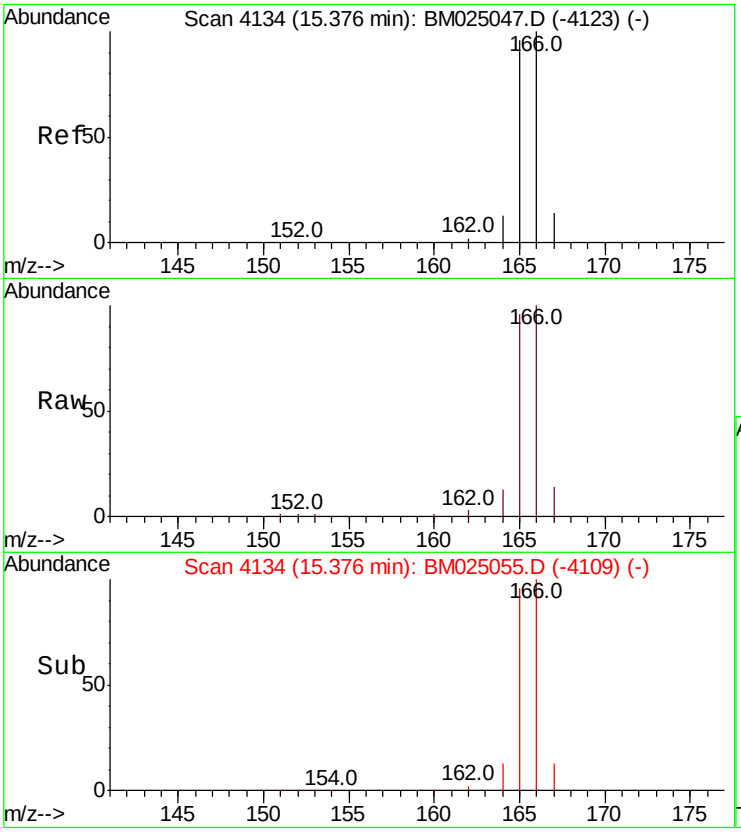


#8
Acenaphthene
Concen: 1.442 ng/ul
RT: 14.39 min Scan# 3873
Delta R.T. -0.00 min
Lab File: BM025055.D
Acq: 25 Feb 2020 21:52

Tgt Ion:153 Resp: 45795

Ion	Ratio	Lower	Upper
153	100		
152	46.6	40.0	60.0
154	89.7	71.0	106.6

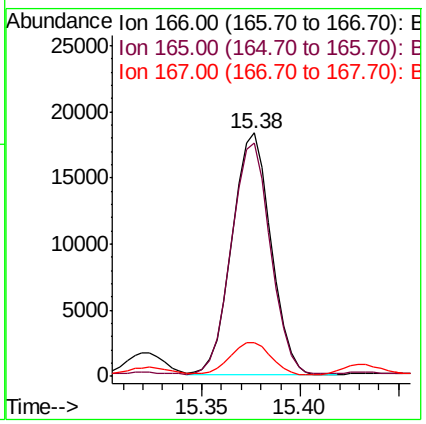




#9
Fluorene
Concen: 0.630 ng/ul
RT: 15.38 min Scan# 4134
Delta R.T. -0.00 min
Lab File: BM025055.D
Acq: 25 Feb 2020 21:52

Tgt Ion:166 Resp: 25090

Ion	Ratio	Lower	Upper
166	100		
165	95.8	80.0	120.0
167	13.9	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
DBCX5

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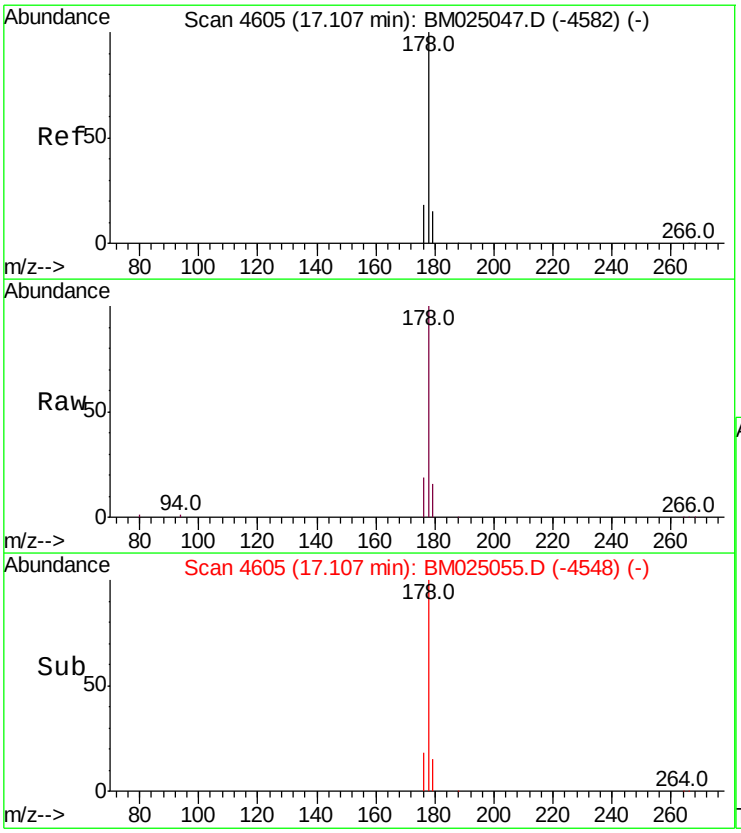
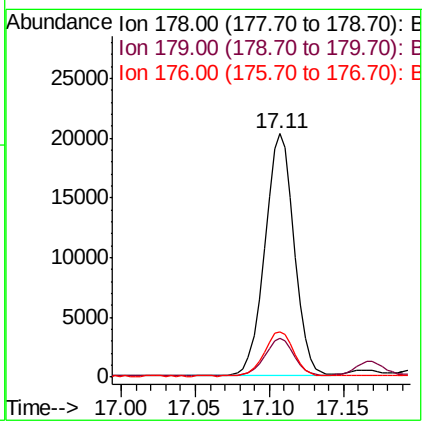
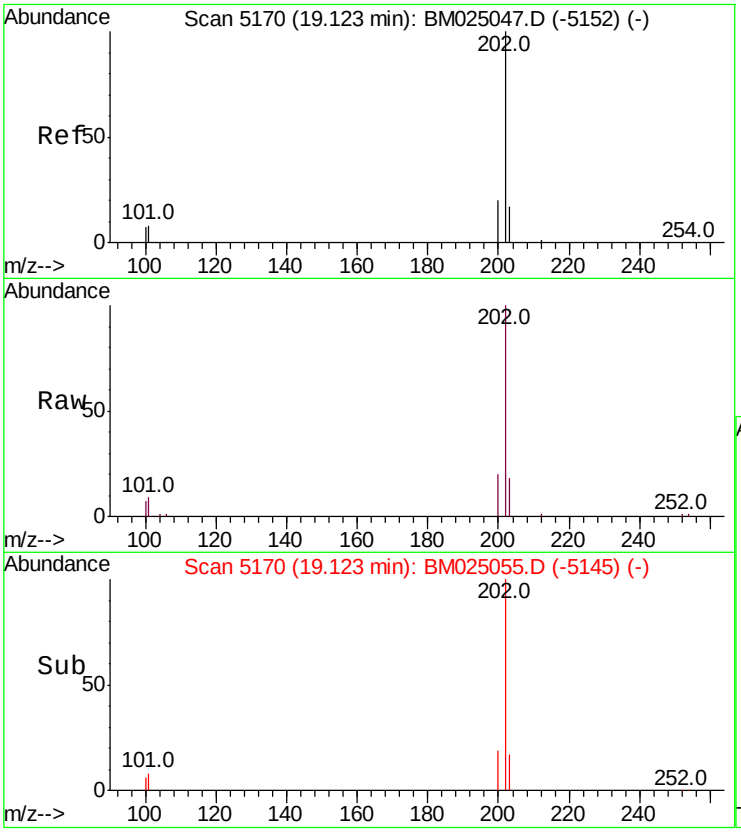


#12
Phenanthrene
Concen: 0.429 ng/ul
RT: 17.11 min Scan# 4605
Delta R.T. -0.00 min
Lab File: BM025055.D
Acq: 25 Feb 2020 21:52

Tgt Ion:178 Resp: 27693

Ion	Ratio	Lower	Upper
178	100		
179	15.9	14.0	21.0
176	18.8	16.6	24.8

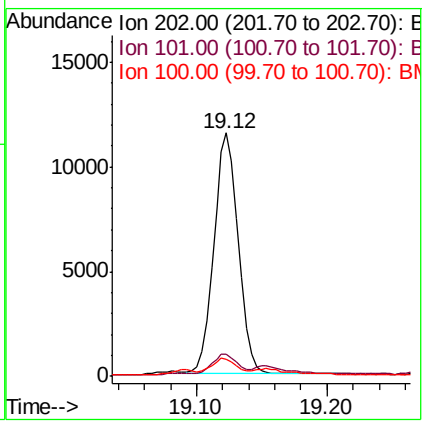




#15
Fluoranthene
Concen: 0.159 ng/ul
RT: 19.12 min Scan# 5170
Delta R.T. -0.00 min
Lab File: BM025055.D
Acq: 25 Feb 2020 21:52

Tgt Ion:202 Resp: 14936

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.4
100	6.9	0.0	28.0



Instrument :
BNA_M
ClientSampleId :
DBCX5

Manual Integrations APPROVED
mohammad
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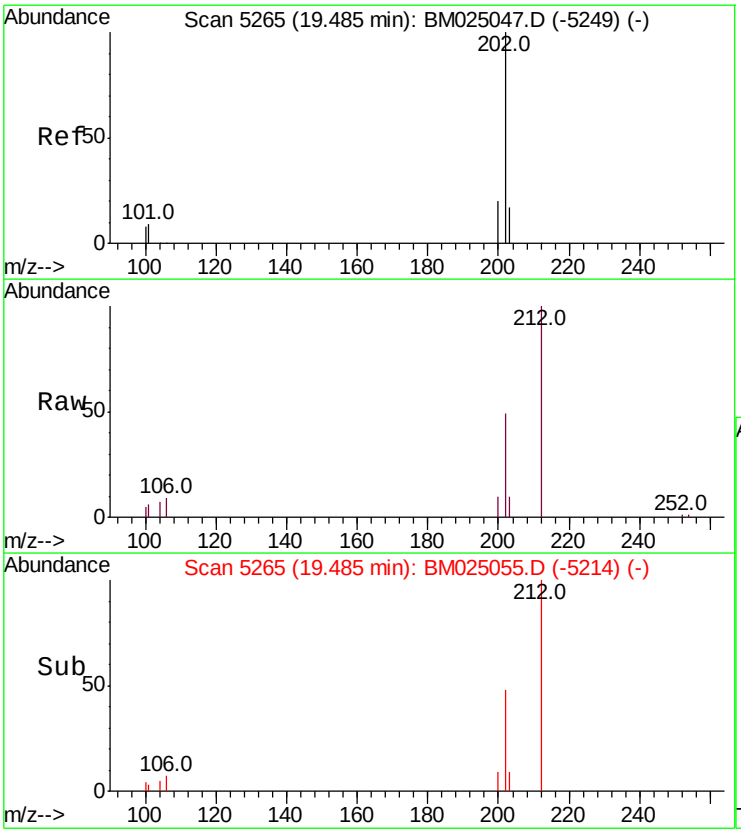

#17
Pyrene
Concen: 0.067 ng/ul
RT: 19.49 min Scan# 5265
Delta R.T. -0.00 min
Lab File: BM025055.D
Acq: 25 Feb 2020 21:52

Tgt Ion:202 Resp: 5737

Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.7	13.1
100	11.0	7.3	10.9#