Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040620\
Data File : BM025944.D
Acq On : 06 Apr 2020 13:14
Operator : CG/JU
Sample : L2065-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBF11

Manual Integrations APPROVED
mohammad
4/7/2020 8:28:29 AM

Quant Time: Apr 06 13:47:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 10:49:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2557	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	11318	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	8291	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	18636m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	18625	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	21392	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	6417	0.32	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	21614	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.37	128	14452	0.434	ng/ul	99
5) 2-Methylnaphthalene	12.00	142	1709	0.073	ng/ul	98
8) Acenaphthene	14.26	153	636	0.022	ng/ul	96
12) Phenanthrene	16.99	178	2707	0.046	ng/ul	95
15) Fluoranthene	19.01	202	8864	0.122	ng/ul	96
17) Pyrene	19.37	202	6773	0.102	ng/ul#	89

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

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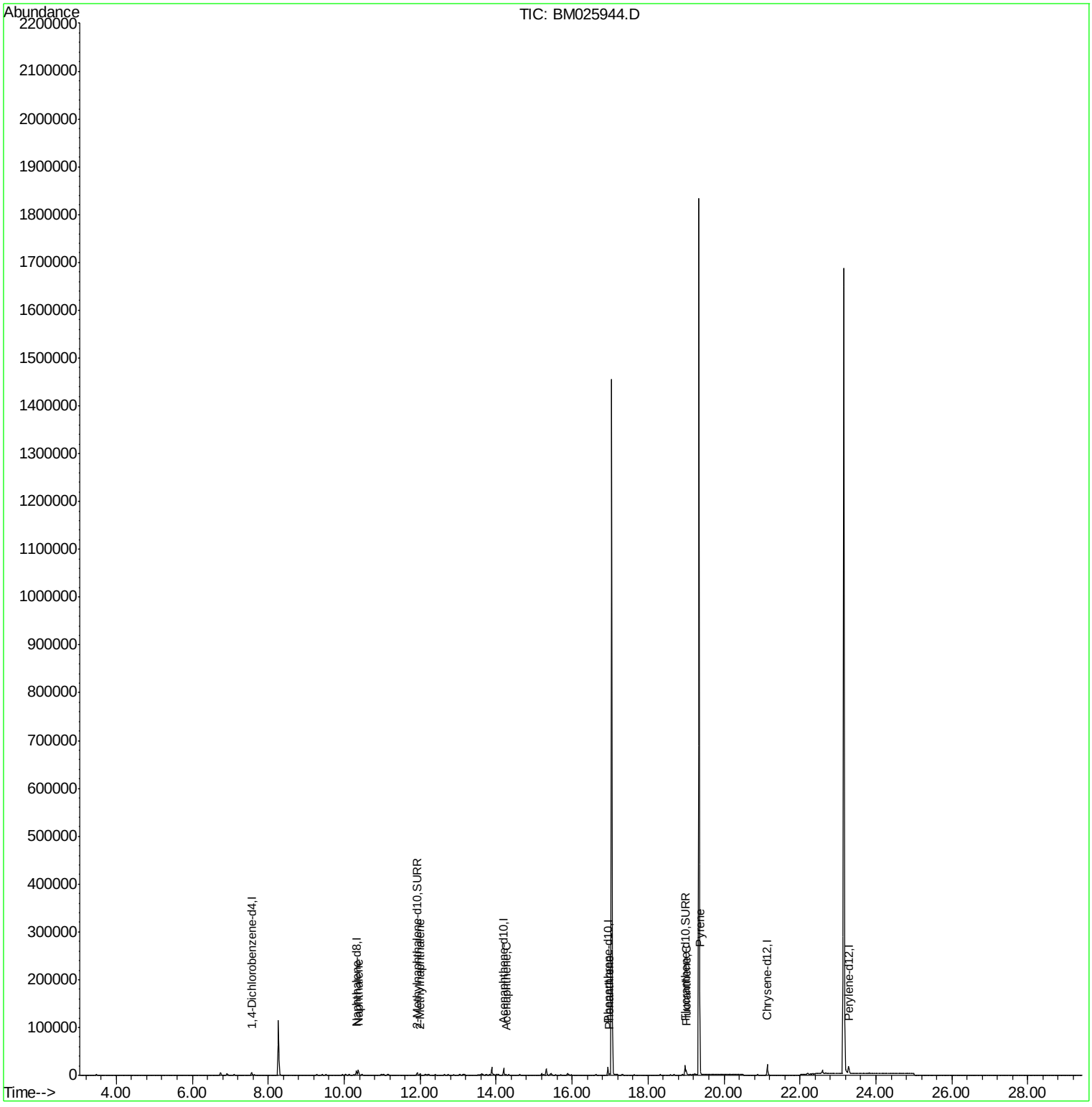
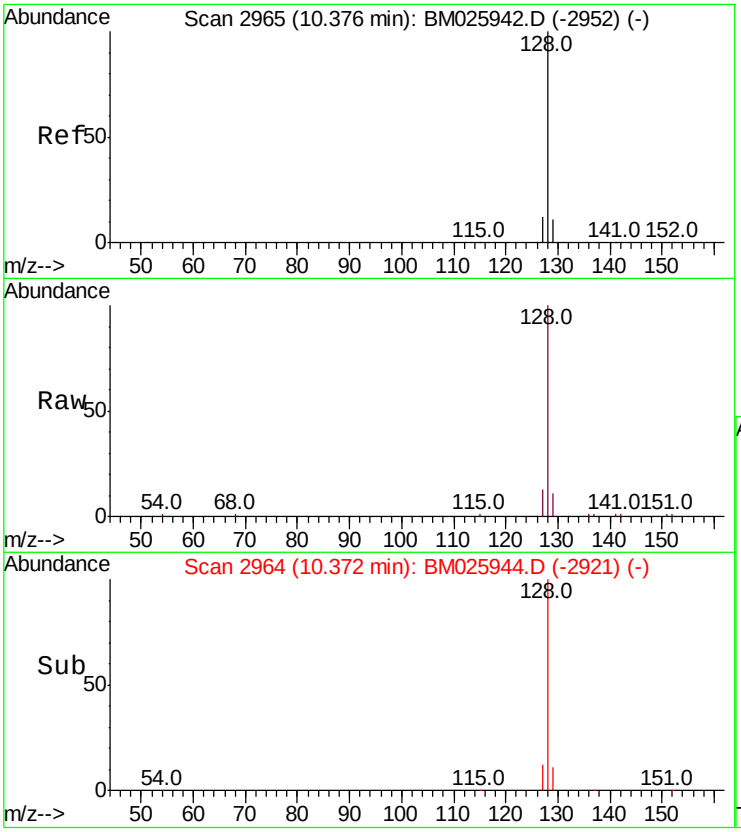
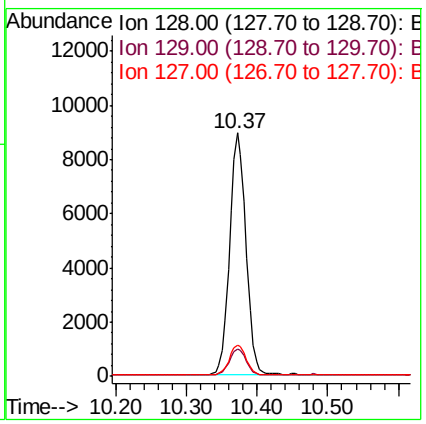




#3
Naphthalene
Concen: 0.434 ng/ul
RT: 10.37 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BM025944.D
Acq: 06 Apr 2020 13:14

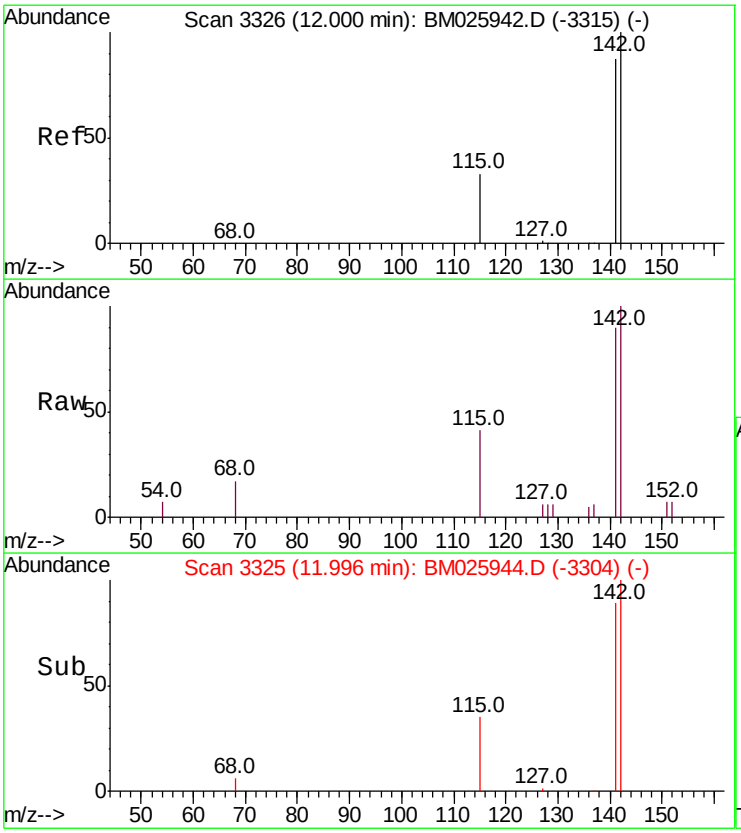
Tgt Ion:128 Resp: 14452

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	12.9	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
DBF11

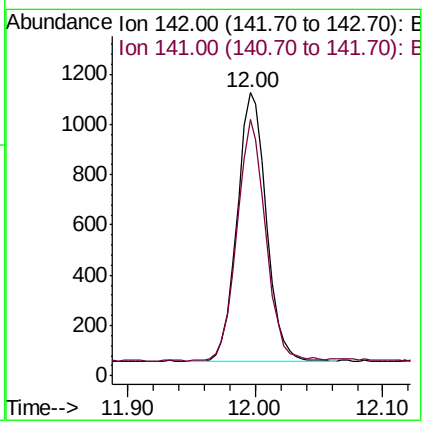
Manual Integrations APPROVED
mohammad
4/7/2020 8:28:29 AM

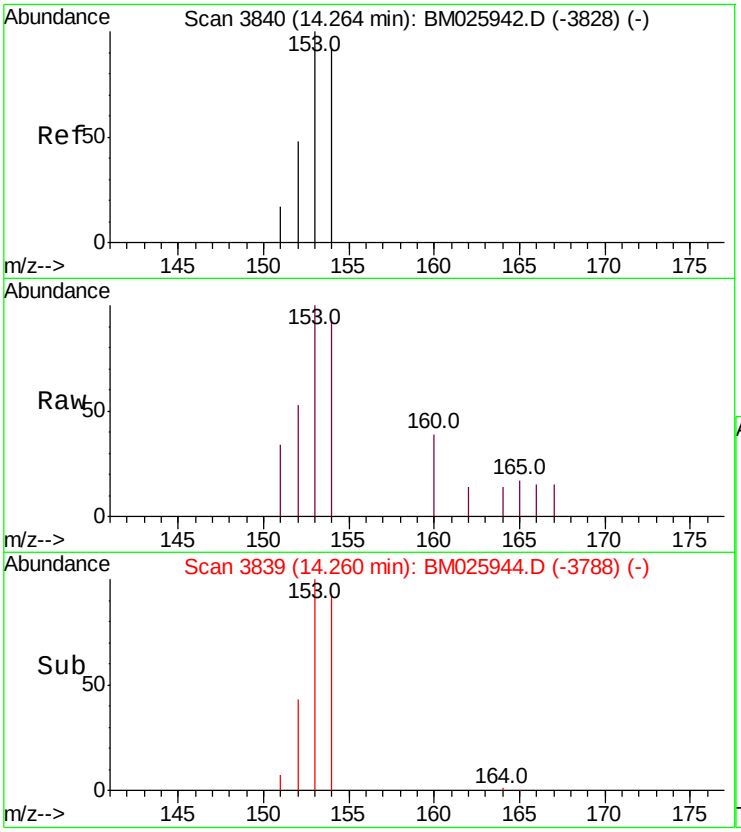


#5
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.00 min Scan# 3325
Delta R.T. -0.01 min
Lab File: BM025944.D
Acq: 06 Apr 2020 13:14

Tgt Ion:142 Resp: 1709

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.0	103.6

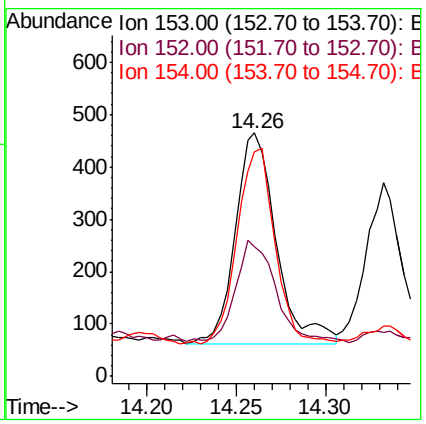




#8
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.26 min Scan# 3839
Delta R.T. -0.01 min
Lab File: BM025944.D
Acq: 06 Apr 2020 13:14

Tgt Ion:153 Resp: 636

Ion	Ratio	Lower	Upper
153	100		
152	53.3	38.8	58.2
154	92.3	71.9	107.9



Instrument :
BNA_M
ClientSampleId :
DBF11

Manual Integrations APPROVED
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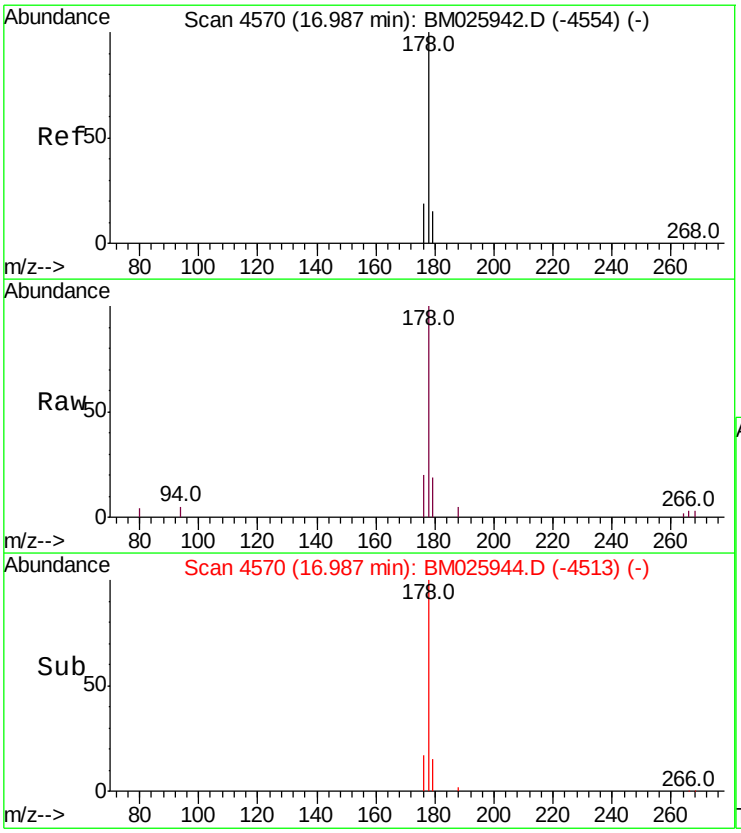
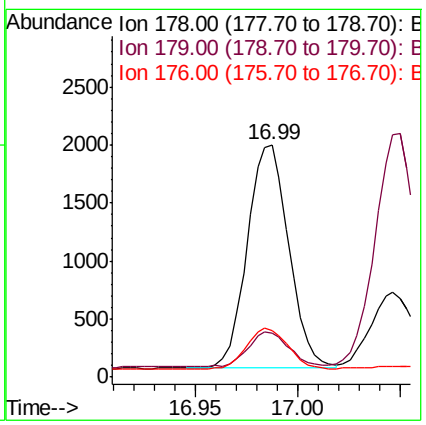
4/7/2020 8:28:29 AM

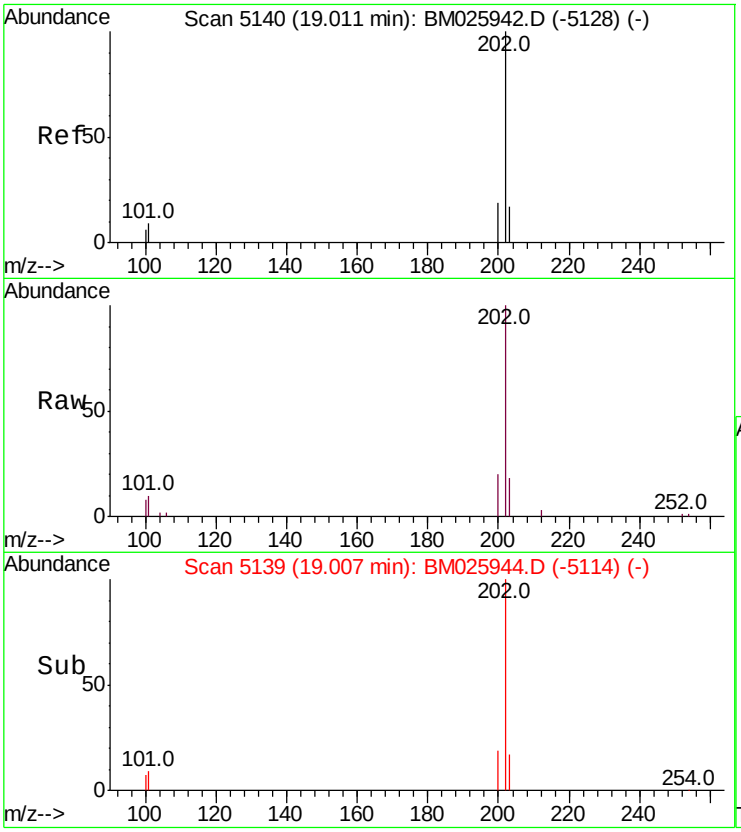


#12
Phenanthrene
Concen: 0.046 ng/ul
RT: 16.99 min Scan# 4570
Delta R.T. -0.00 min
Lab File: BM025944.D
Acq: 06 Apr 2020 13:14

Tgt Ion:178 Resp: 2707

Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.8	19.2
176	20.1	15.1	22.7





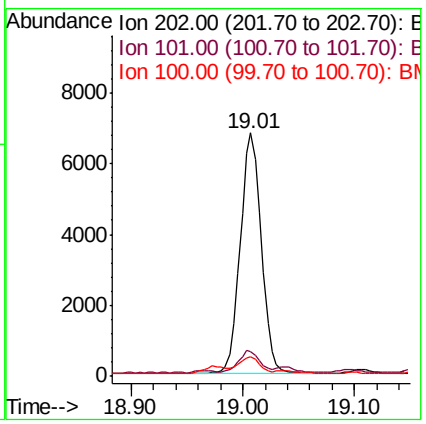
#15
Fluoranthene
Concen: 0.122 ng/ul
RT: 19.01 min Scan# 5139
Delta R.T. -0.01 min
Lab File: BM025944.D
Acq: 06 Apr 2020 13:14

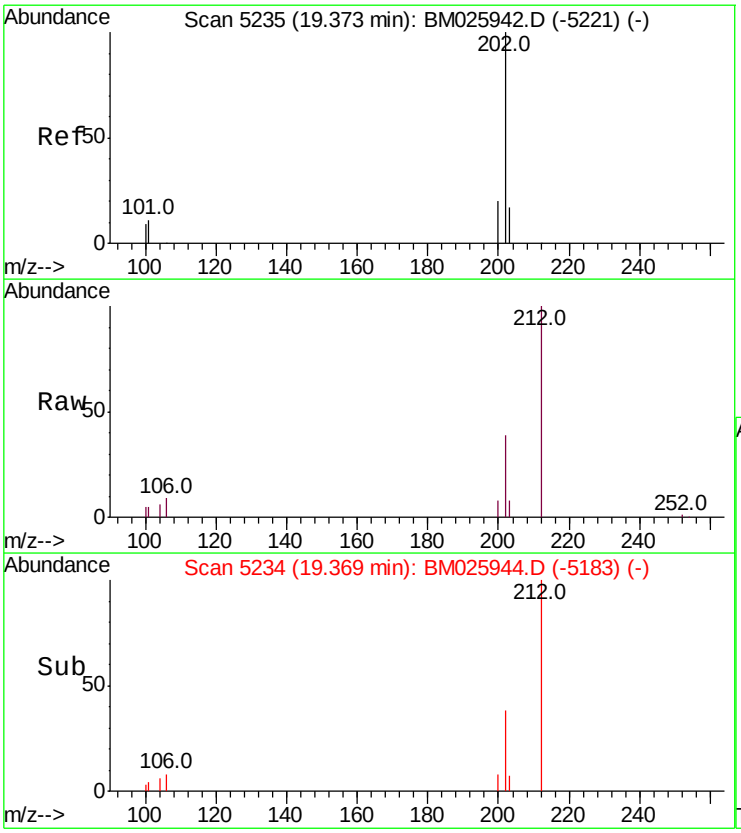
Tgt Ion:202 Resp: 8864

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	28.6
100	7.9	0.0	27.0

Instrument :
BNA_M
ClientSampleId :
DBF11

Manual Integrations APPROVED
mohammad
4/7/2020 8:28:29 AM





#17
Pyrene
Concen: 0.102 ng/ul
RT: 19.37 min Scan# 5234
Delta R.T. -0.01 min
Lab File: BM025944.D
Acq: 06 Apr 2020 13:14

Tgt Ion:202 Resp: 6773

Ion	Ratio	Lower	Upper
202	100		
101	12.8	7.5	11.3#
100	12.5	6.3	9.5#