Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006154.D
Acq On : 07 Jun 2019 02:56
Operator : JU/SJ
Sample : K3016-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C7

Manual Integrations APPROVED
mohammad
6/11/2019 5:07:53 PM

Quant Time: Jun 07 04:00:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5066	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19091	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9837	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20030m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	17444m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	15452m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	7287	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	15618m	0.29	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	2466	0.045	ng/ul#	84
12) Phenanthrene	17.09	178	1406m	0.022	ng/ul	
15) Fluoranthene	19.12	202	3642m	0.051	ng/ul	
17) Pyrene	19.49	202	3331	0.036	ng/ul#	69
18) Benzo(a)anthracene	21.25	228	2583	0.033	ng/ul#	42
19) Chrysene	21.30	228	2336	0.032	ng/ul#	51

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

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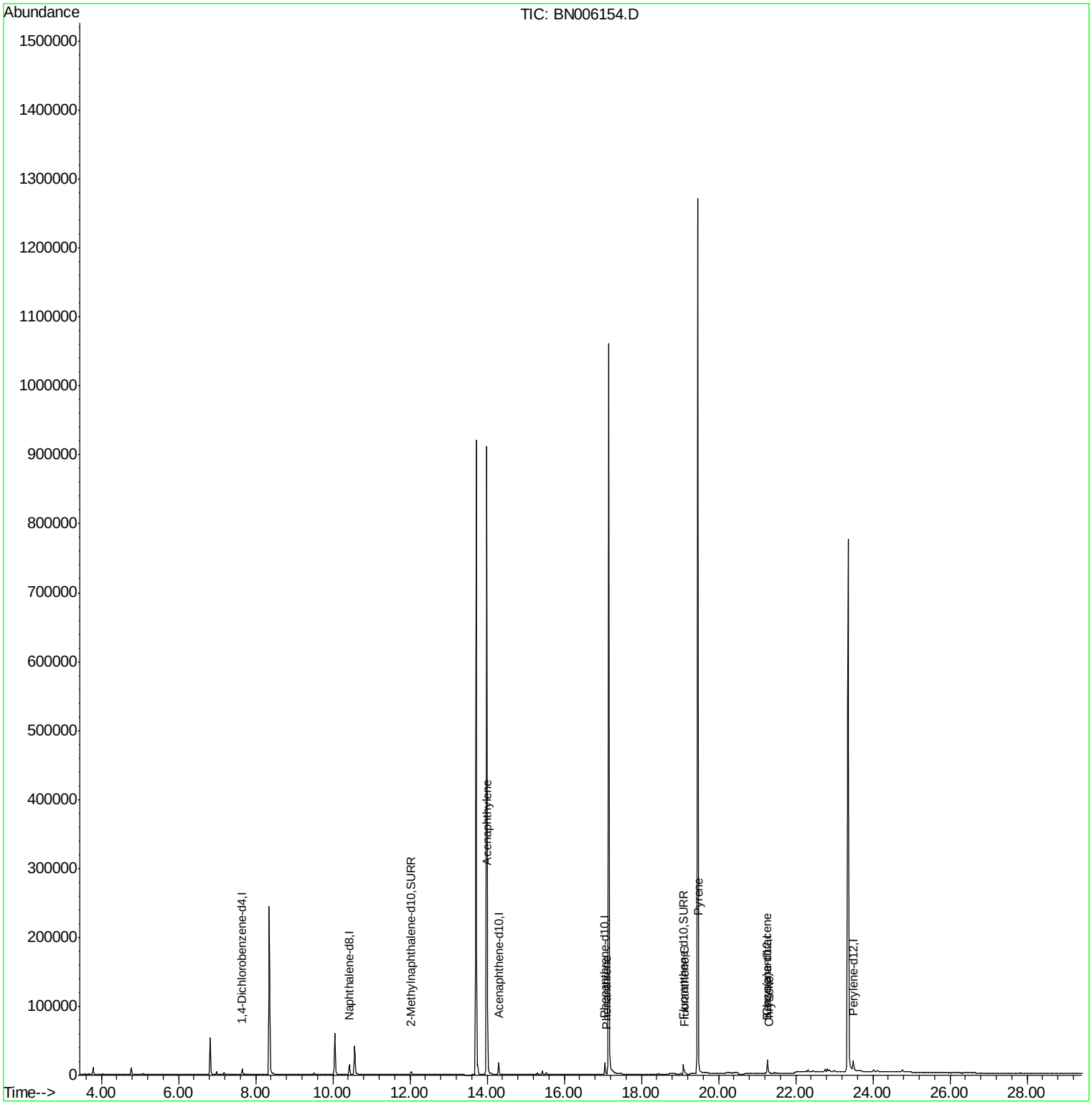
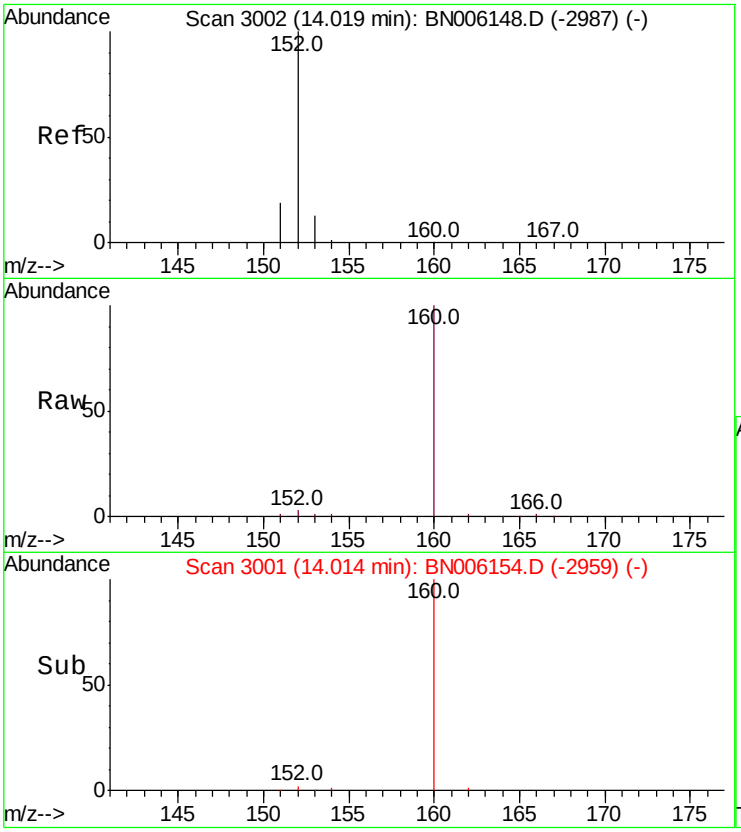
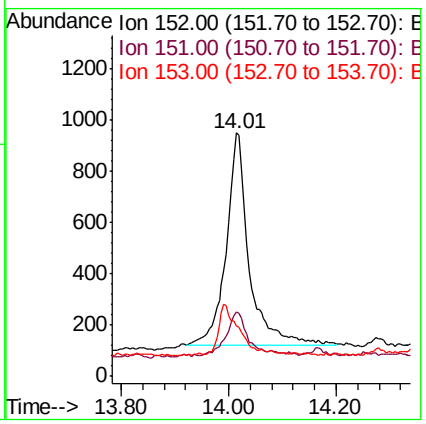




#7
Acenaphthylene
Concen: 0.045 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN006154.D
Acq: 07 Jun 2019 02:56

Tgt Ion:152 Resp: 2466

Ion	Ratio	Lower	Upper
152	100		
151	26.7	15.8	23.8#
153	20.9	10.8	16.2#



Instrument :
BNA_N
ClientSampleId :
A51C7

Manual Integrations APPROVED
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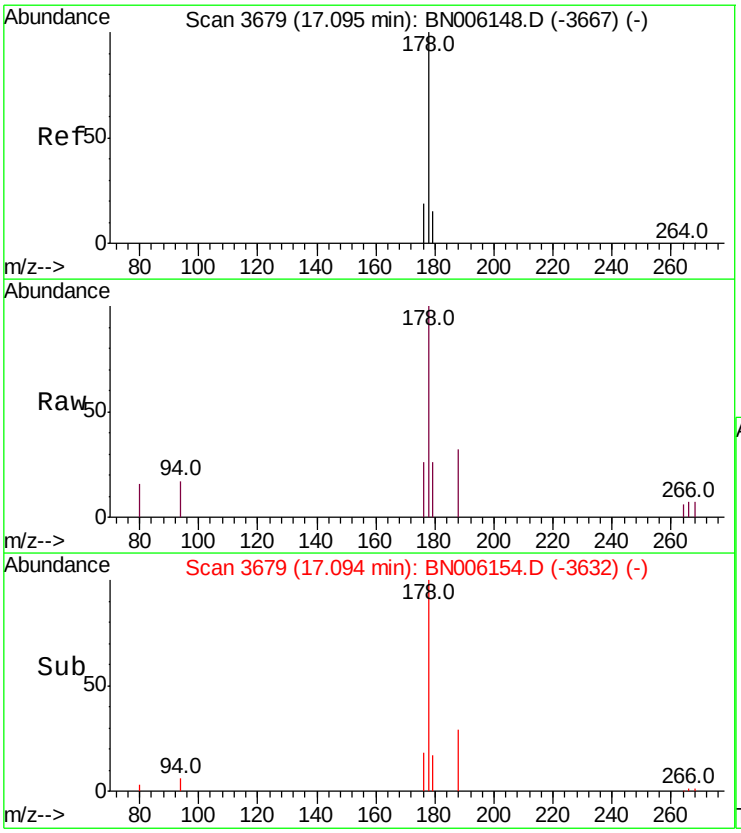
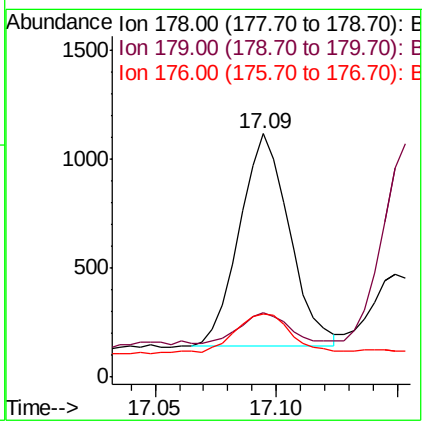
6/11/2019 5:07:53 PM

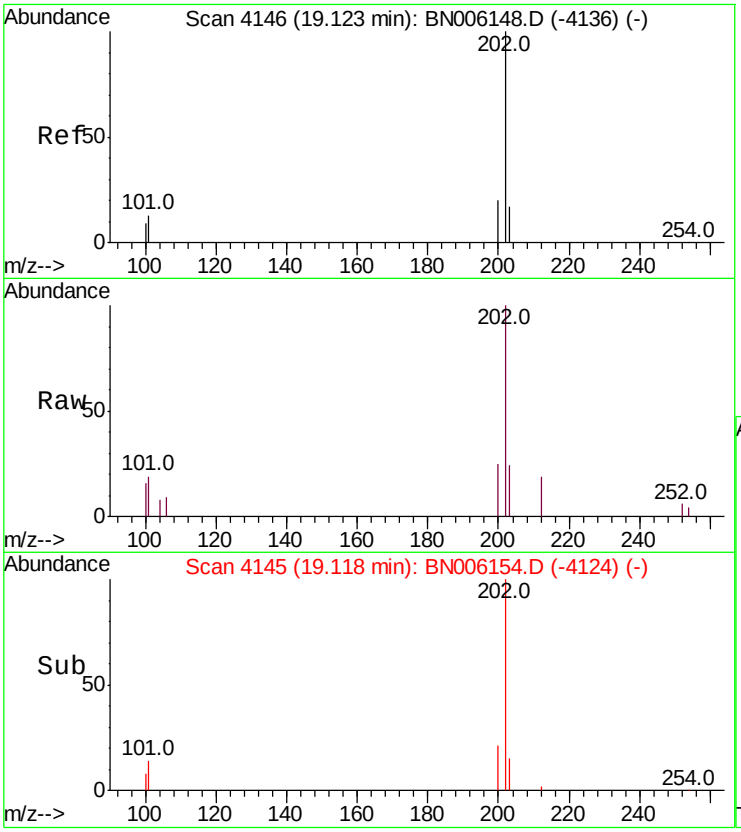


#12
Phenanthrene
Concen: 0.022 ng/ul m
RT: 17.09 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BN006154.D
Acq: 07 Jun 2019 02:56

Tgt Ion:178 Resp: 1406

Ion	Ratio	Lower	Upper
178	100		
179	26.3	12.3	18.5#
176	25.9	15.3	22.9#

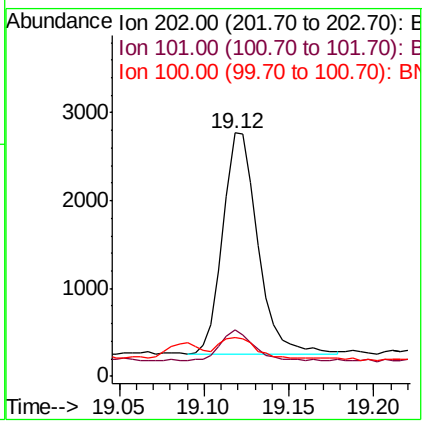




#15
Fluoranthene
Concen: 0.051 ng/ul m
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN006154.D
Acq: 07 Jun 2019 02:56

Tgt Ion:202 Resp: 3642

Ion	Ratio	Lower	Upper
202	100		
101	19.0	0.0	32.1
100	16.1	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
A51C7

Manual Integrations APPROVED
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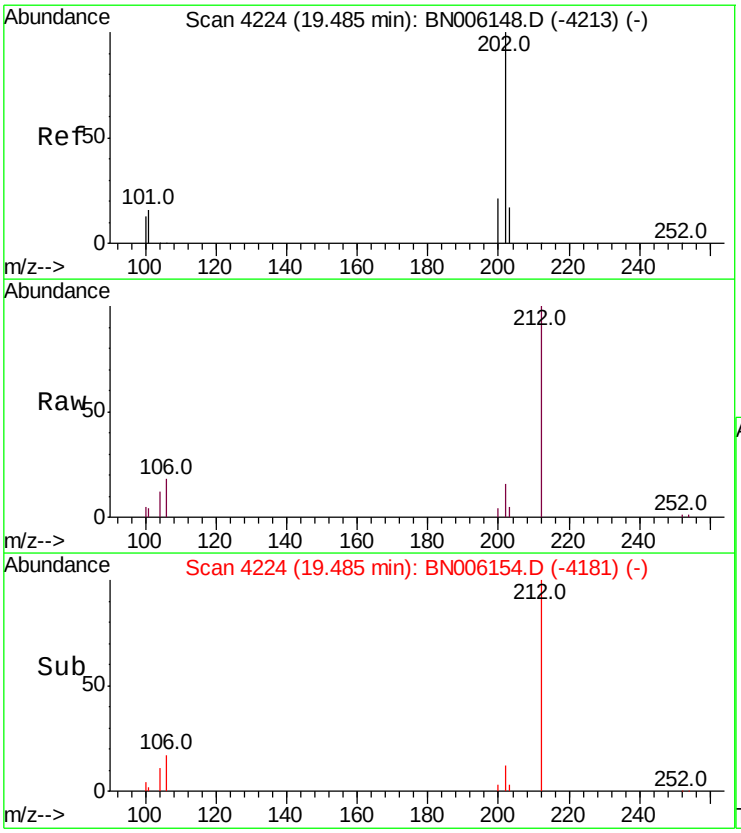
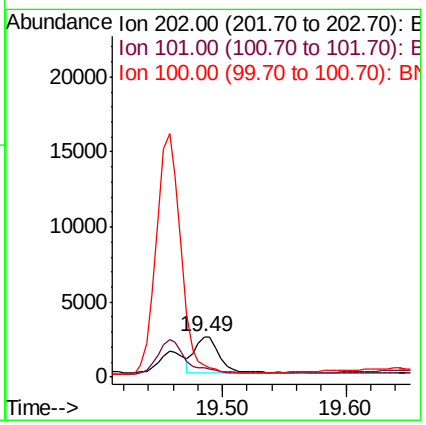
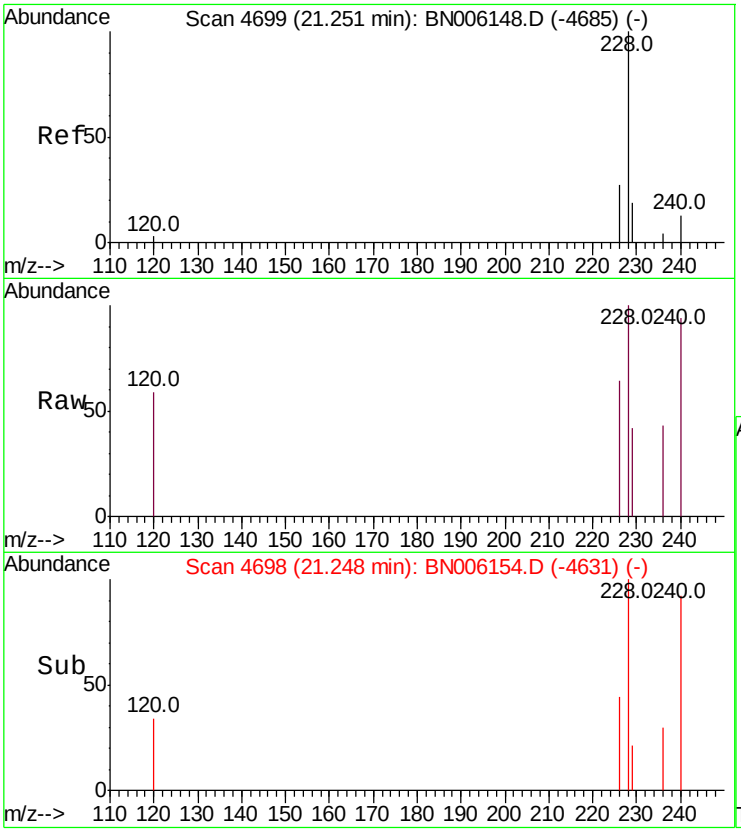


#17
Pyrene
Concen: 0.036 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006154.D
Acq: 07 Jun 2019 02:56

Tgt Ion:202 Resp: 3331

Ion	Ratio	Lower	Upper
202	100		
101	24.0	12.2	18.2#
100	29.1	9.8	14.6#





#18
Benzo(a)anthracene
Concen: 0.033 ng/ul
RT: 21.25 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN006154.D
Acq: 07 Jun 2019 02:56

Tgt Ion:228 Resp: 2583

Ion	Ratio	Lower	Upper
228	100		
229	41.8	16.5	24.7#
226	63.6	22.8	34.2#

Instrument :
BNA_N
ClientSampleId :
A51C7

Manual Integrations APPROVED
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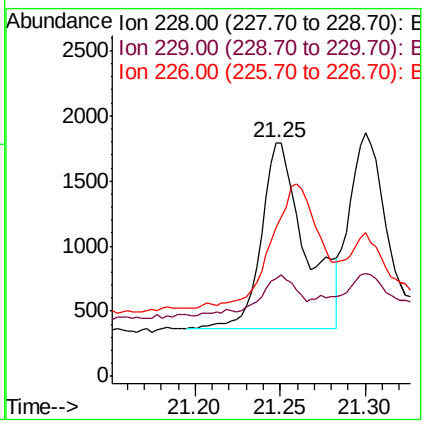
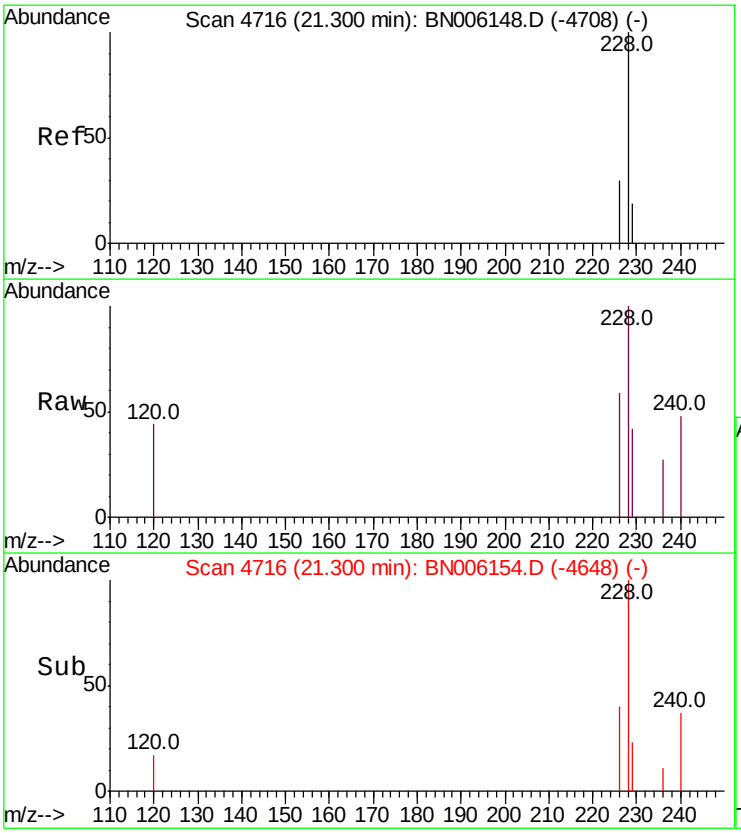
6/11/2019 5:07:53 PM





#19
Chrysene
Concen: 0.032 ng/ul
RT: 21.30 min Scan# 4716
Delta R.T. -0.00 min
Lab File: BN006154.D
Acq: 07 Jun 2019 02:56

Tgt Ion:228 Resp: 2336

Ion	Ratio	Lower	Upper
228	100		
226	58.9	25.0	37.6#
229	42.0	16.3	24.5#