Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
Data File : BN006231.D
Acq On : 10 Jun 2019 20:01
Operator : JU/SJ
Sample : K3017-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51E7

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Quant Time: Jun 11 02:01:35 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3774	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	14578	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	7615	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15474m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	12672m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	11595m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5051	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	11882m	0.29	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	1299	0.031	ng/ul#	82
8) Acenaphthene	14.36	153	1638	0.056	ng/ul	98
12) Phenanthrene	17.09	178	18827	0.379	ng/ul	99
15) Fluoranthene	19.12	202	61728m	1.125	ng/ul	
17) Pyrene	19.49	202	48810	0.731	ng/ul	99
18) Benzo(a)anthracene	21.25	228	16404	0.293	ng/ul	96
19) Chrysene	21.30	228	28031	0.533	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	38978m	0.806	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	13925m	0.296	ng/ul	
23) Benzo(a)pyrene	23.40	252	21597m	0.480	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.73	276	18272m	0.375	ng/ul	
25) Dibenzo(a,h)anthracene	25.74	278	3652m	0.094	ng/ul	
26) Benzo(g,h,i)perylene	26.41	276	19175m	0.470	ng/ul	

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

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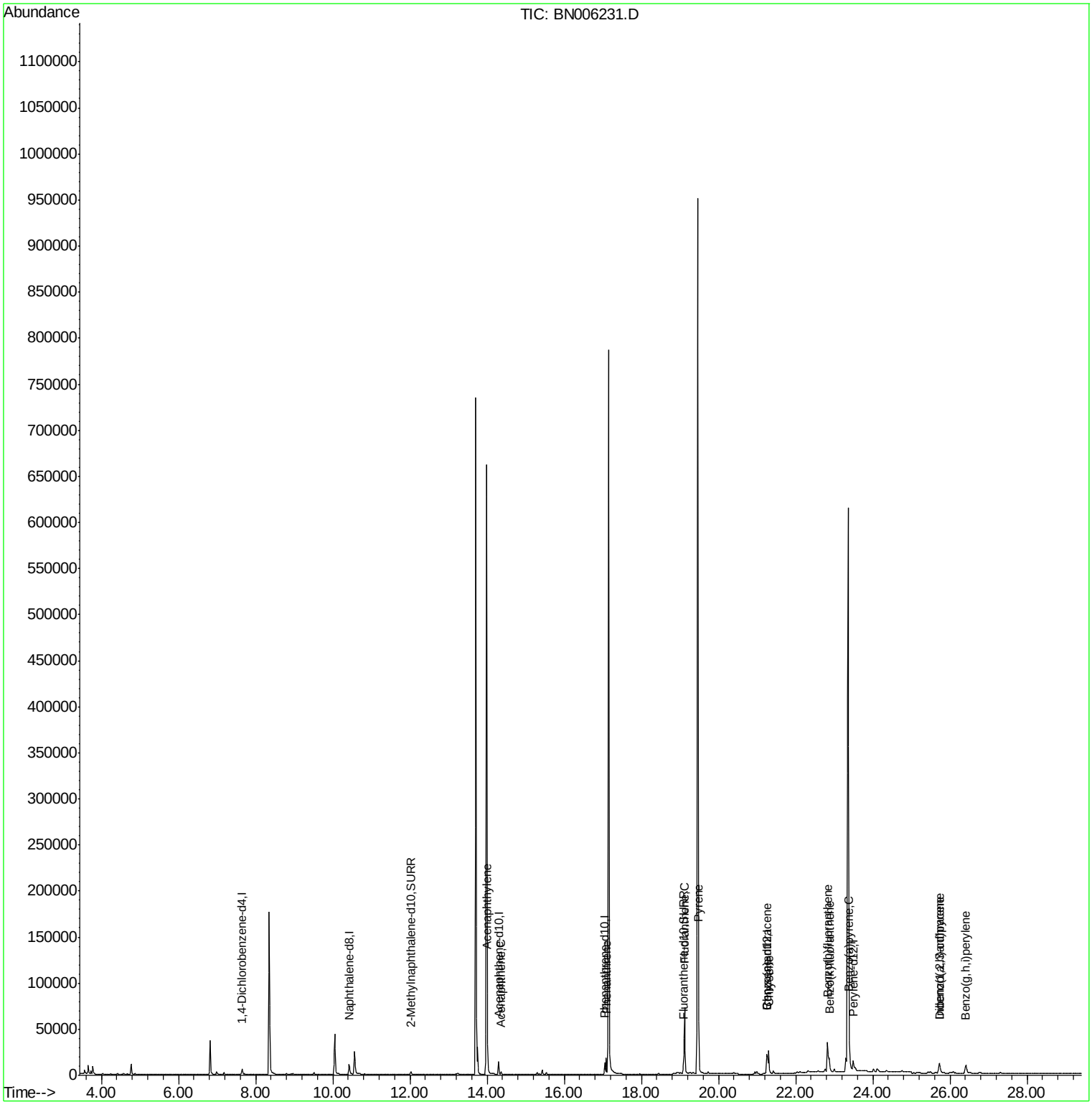

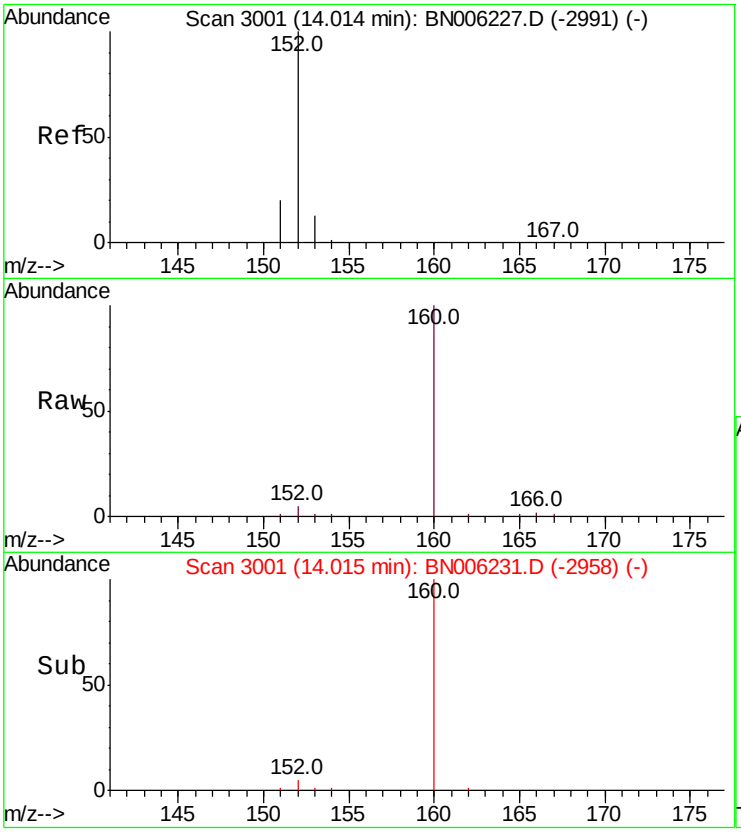

#7
Acenaphthylene
Concen: 0.031 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN006231.D
Acq: 10 Jun 2019 20:01

Tgt Ion:152 Resp: 1299

Ion	Ratio	Lower	Upper
152	100		
151	27.0	15.8	23.8#
153	22.2	10.8	16.2#

Instrument :
BNA_N
ClientSampleId :
A51E7

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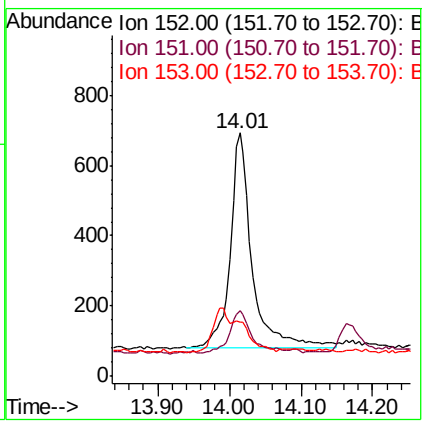
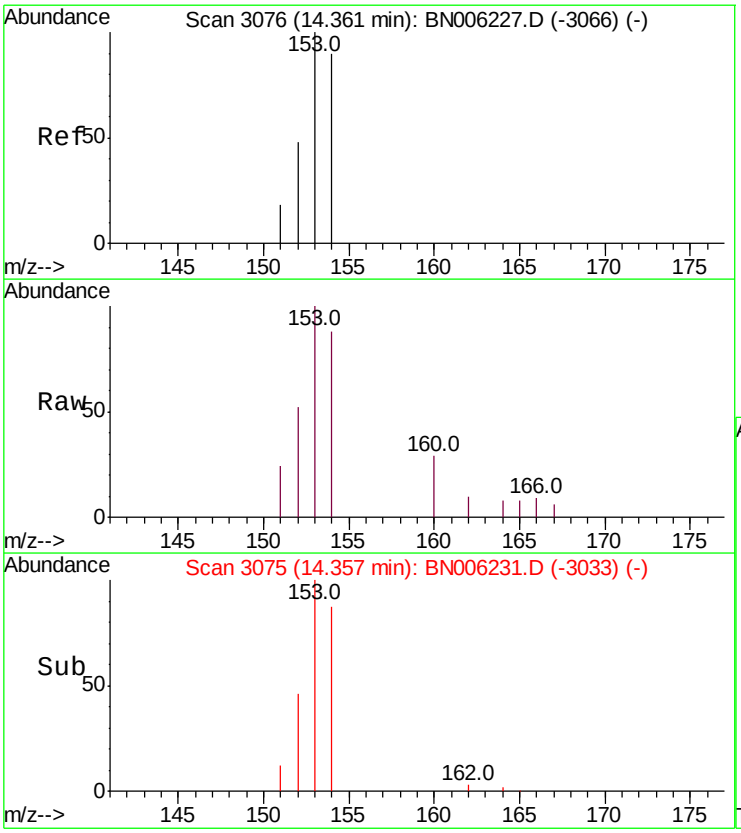
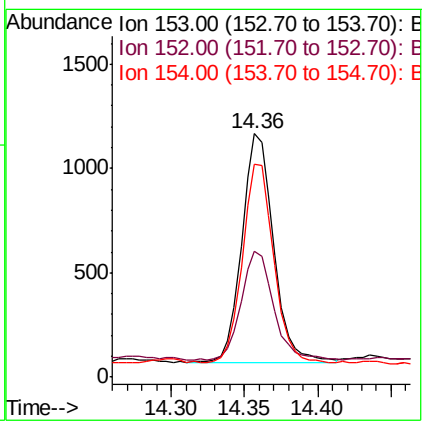


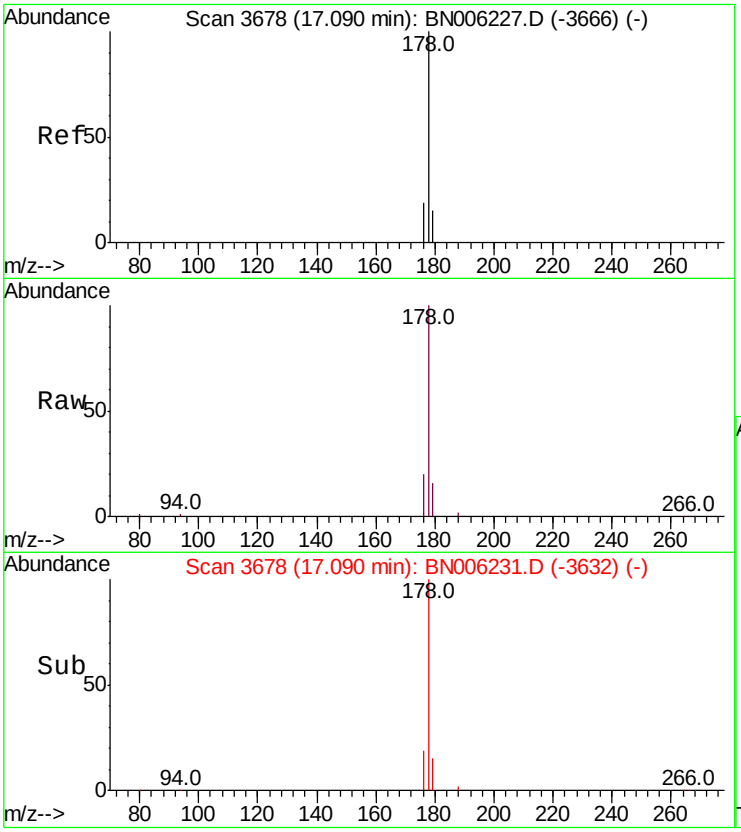


#8
Acenaphthene
Concen: 0.056 ng/ul
RT: 14.36 min Scan# 3075
Delta R.T. -0.00 min
Lab File: BN006231.D
Acq: 10 Jun 2019 20:01

Tgt Ion:153 Resp: 1638

Ion	Ratio	Lower	Upper
153	100		
152	51.7	39.1	58.7
154	87.6	71.1	106.7

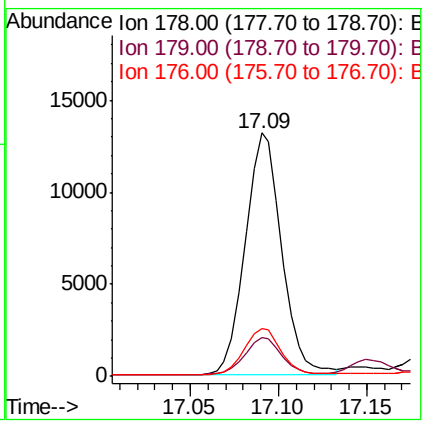




#12
Phenanthrene
Concen: 0.379 ng/ul
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006231.D
Acq: 10 Jun 2019 20:01

Tgt Ion:178 Resp: 18827

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.5	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
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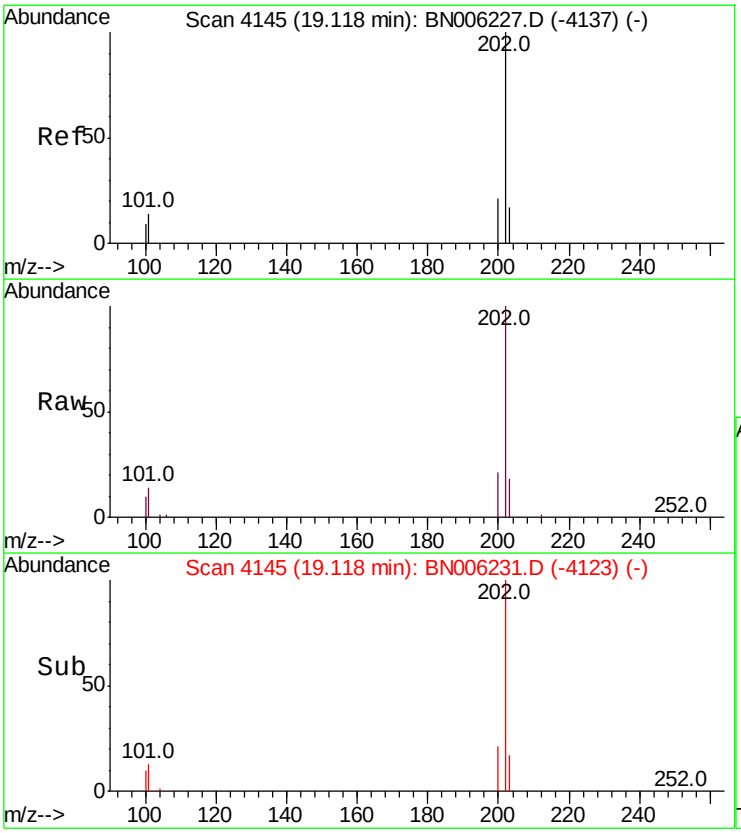
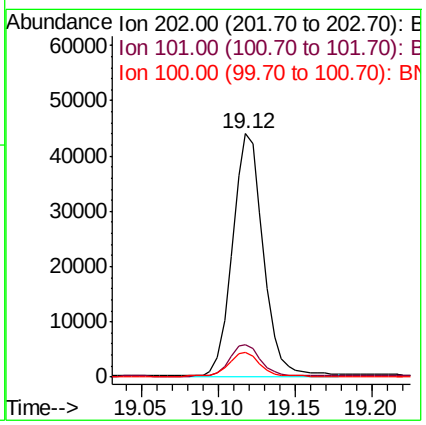
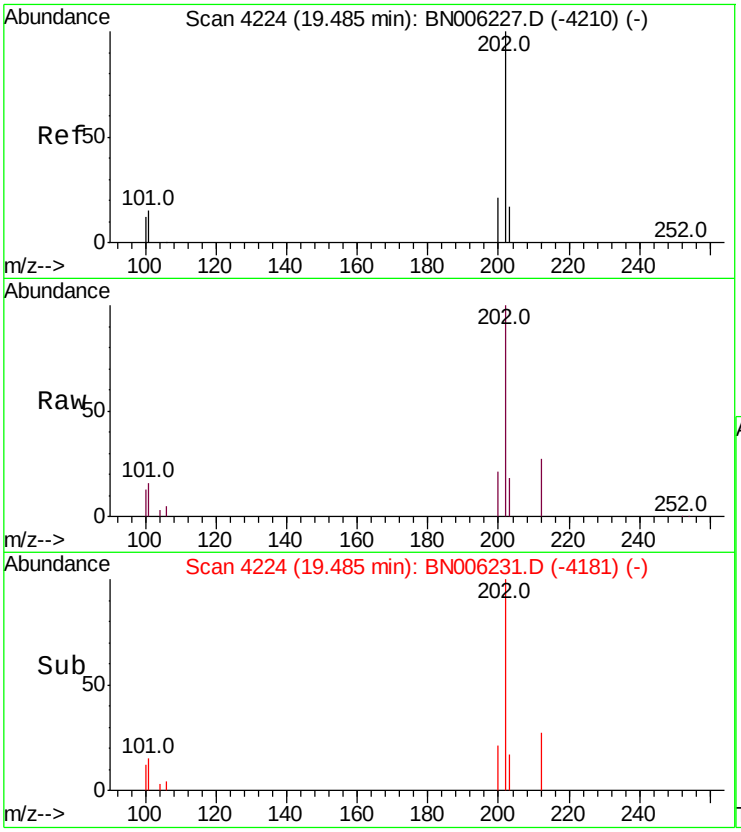


#15
Fluoranthene
Concen: 1.125 ng/ul m
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN006231.D
Acq: 10 Jun 2019 20:01

Tgt Ion:202 Resp: 61728

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	32.1
100	10.0	0.0	28.7

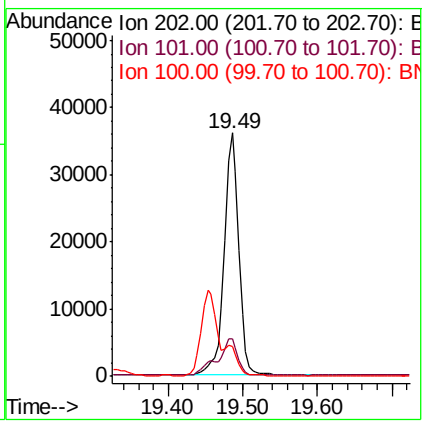




#17
Pyrene
Concen: 0.731 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006231.D
Acq: 10 Jun 2019 20:01

Tgt Ion:202 Resp: 48810

Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.2	18.2
100	12.5	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
A51E7

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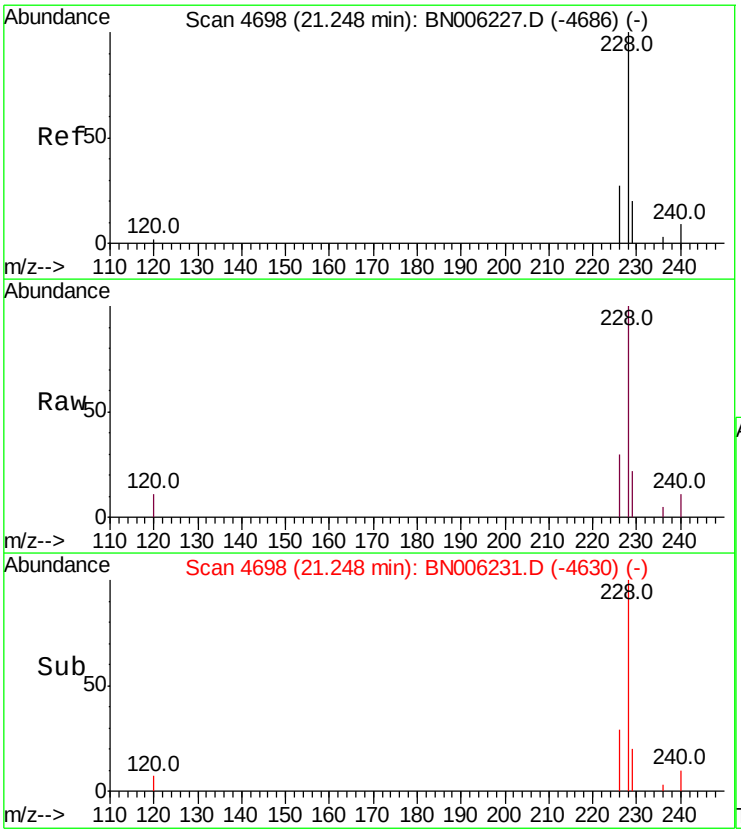
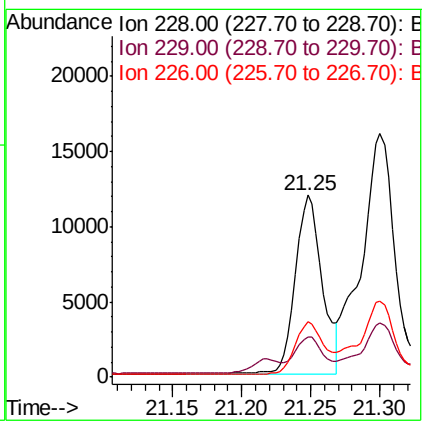
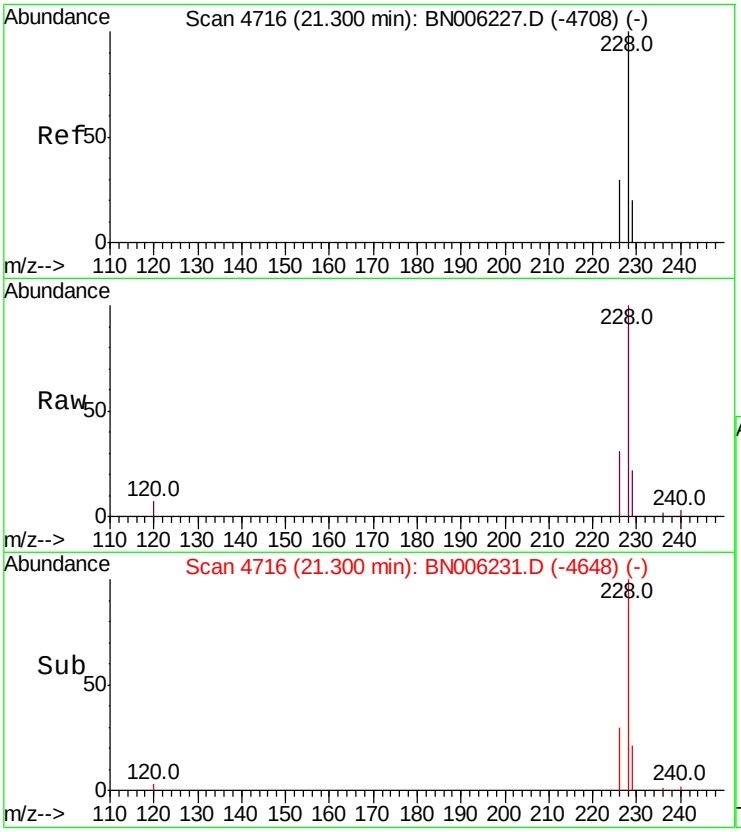


#18
Benzo(a)anthracene
Concen: 0.293 ng/ul
RT: 21.25 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN006231.D
Acq: 10 Jun 2019 20:01

Tgt Ion:228 Resp: 16404

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.5	24.7
226	30.3	22.8	34.2

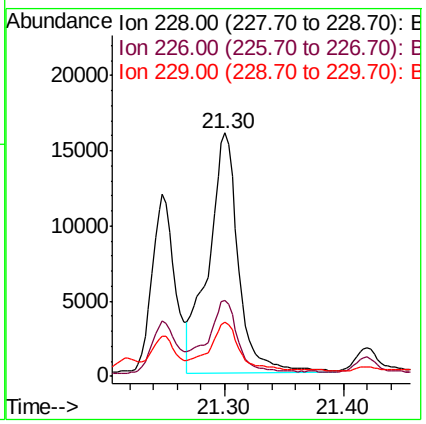




#19
Chrysene
Concen: 0.533 ng/ul
RT: 21.30 min Scan# 4716
Delta R.T. -0.00 min
Lab File: BN006231.D
Acq: 10 Jun 2019 20:01

Tgt Ion:228 Resp: 28031

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	22.5	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
A51E7

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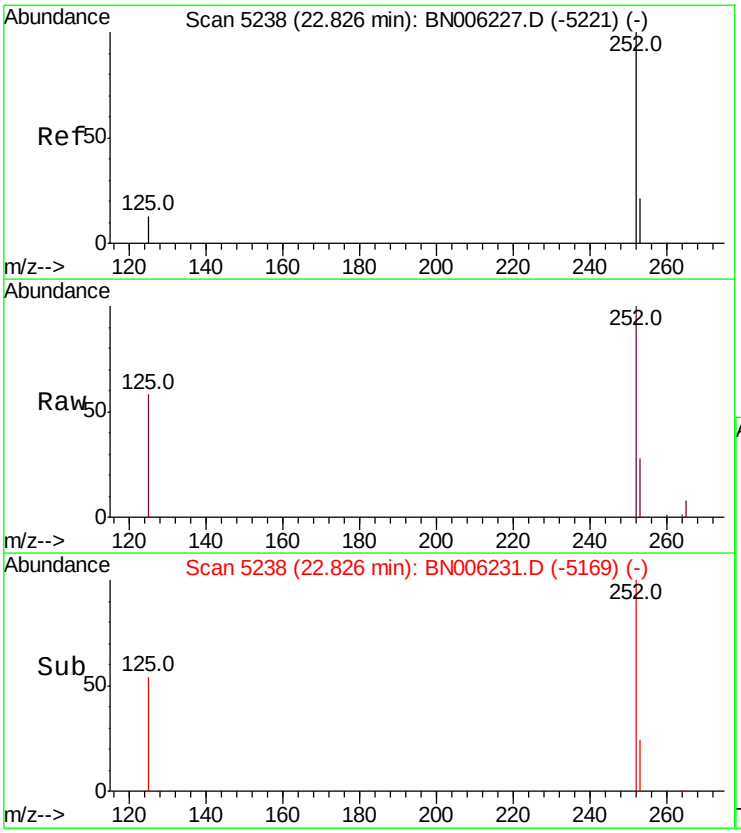
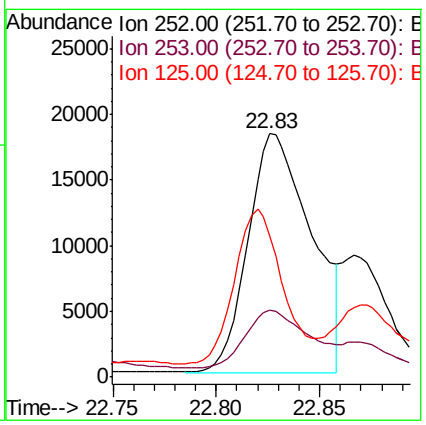
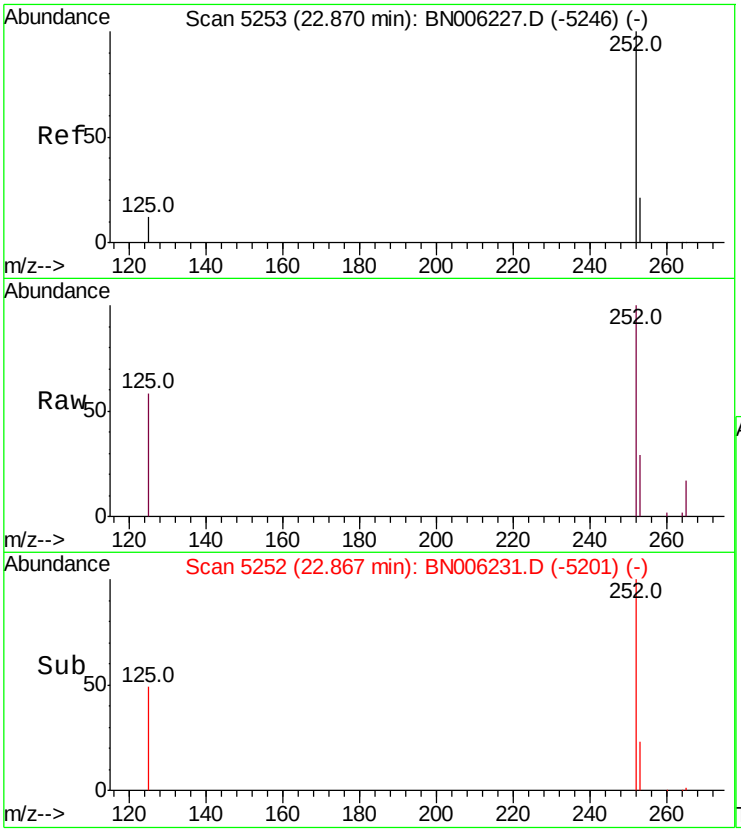


#21
Benzo(b)fluoranthene
Concen: 0.806 ng/ul m
RT: 22.83 min Scan# 5238
Delta R.T. 0.00 min
Lab File: BN006231.D
Acq: 10 Jun 2019 20:01

Tgt Ion:252 Resp: 38978

Ion	Ratio	Lower	Upper
252	100		
253	27.6	0.0	51.4
125	58.2	0.0	41.0#





#22
Benzo(k)fluoranthene
Concen: 0.296 ng/ul m
RT: 22.87 min Scan# 5252
Delta R.T. -0.00 min
Lab File: BN006231.D
Acq: 10 Jun 2019 20:01

Tgt Ion:252 Resp: 13925

Ion	Ratio	Lower	Upper
252	100		
253	28.8	20.3	30.5
125	57.5	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
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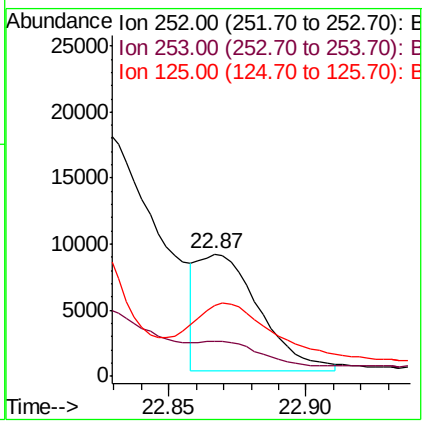
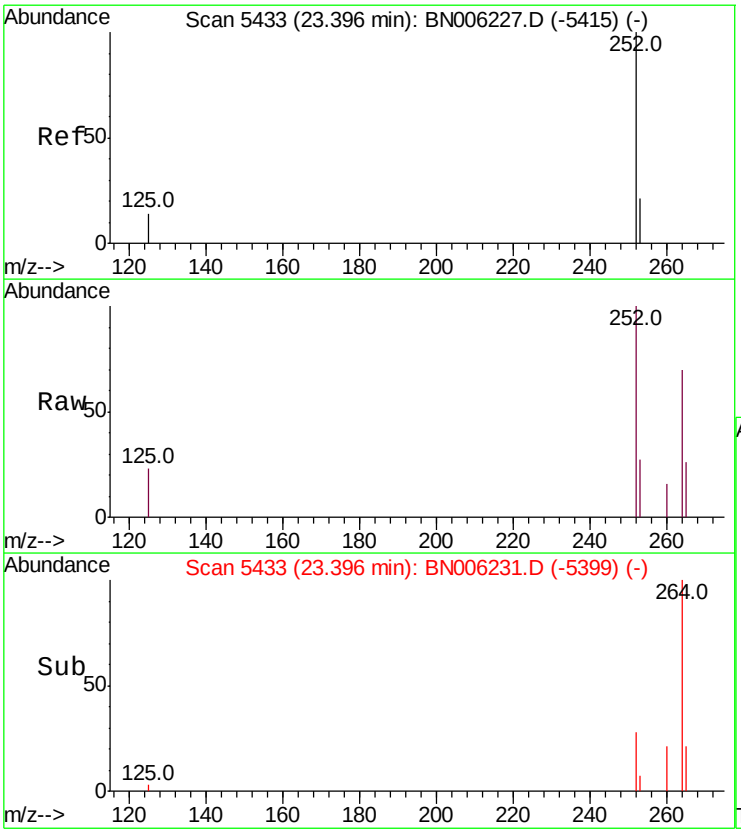
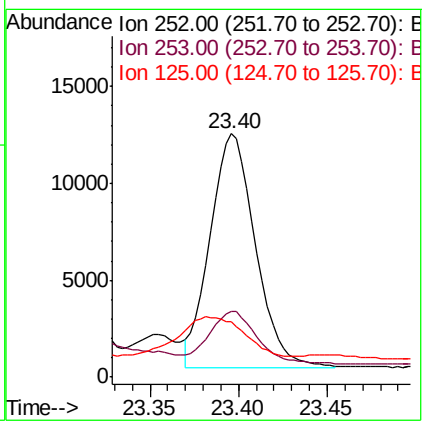


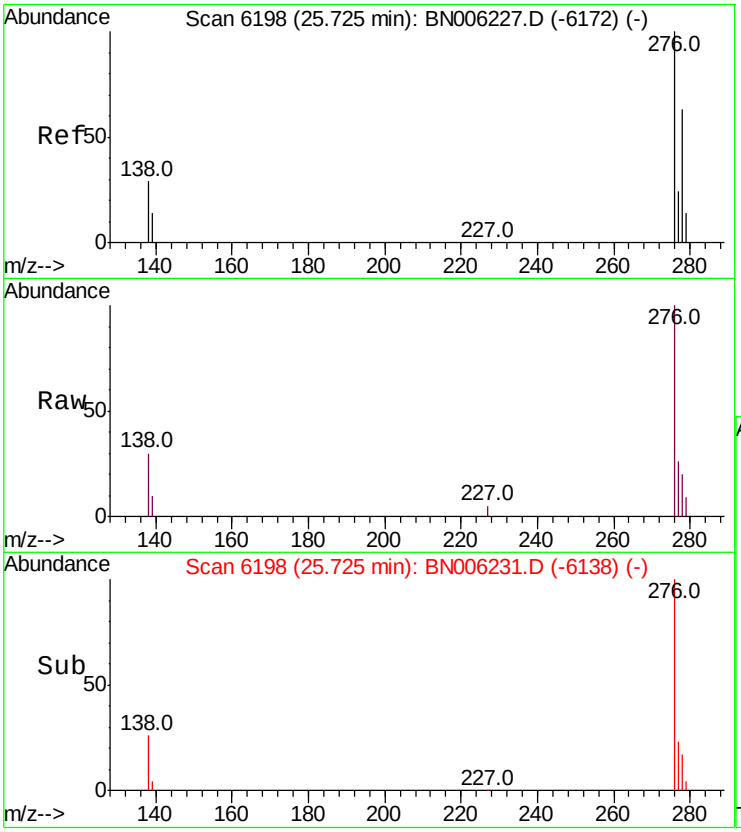


#23
Benzo(a)pyrene
Concen: 0.480 ng/ul m
RT: 23.40 min Scan# 5433
Delta R.T. -0.00 min
Lab File: BN006231.D
Acq: 10 Jun 2019 20:01

Tgt Ion:252 Resp: 21597

Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.1	31.7
125	22.8	20.3	30.5





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul m
RT: 25.73 min Scan# 6198
Delta R.T. -0.00 min
Lab File: BN006231.D
Acq: 10 Jun 2019 20:01

Tgt Ion:276 Resp: 18272

Ion	Ratio	Lower	Upper
276	100		
138	2.1	25.6	38.4#
227	0.1	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
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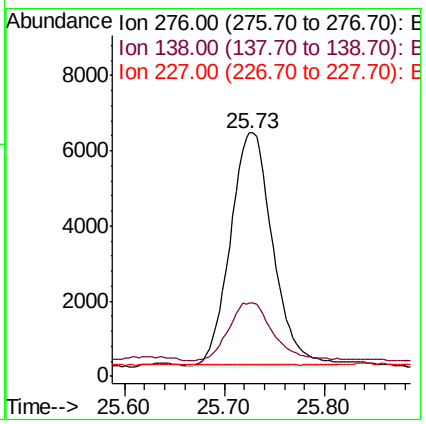
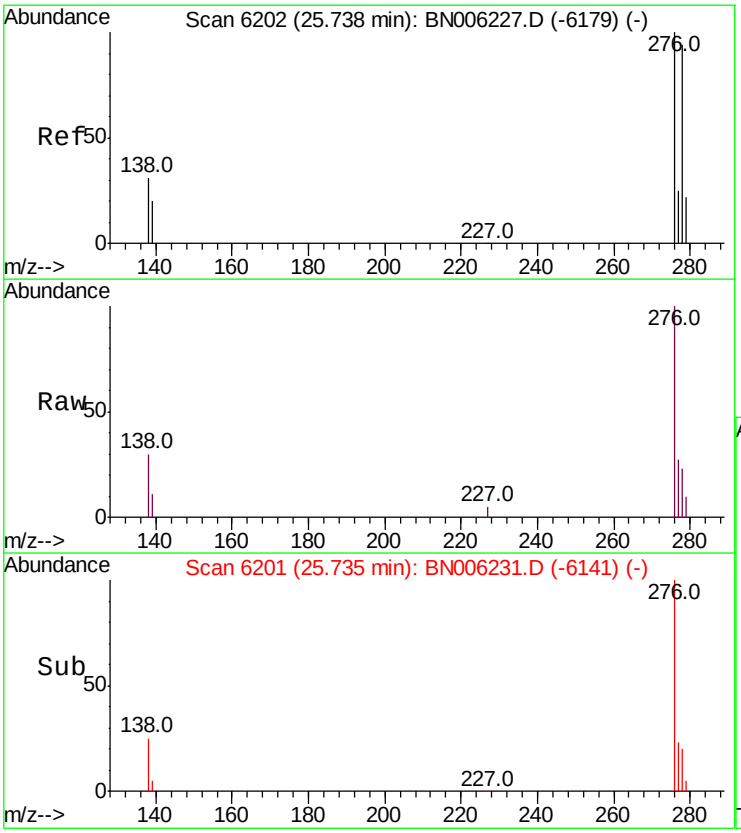
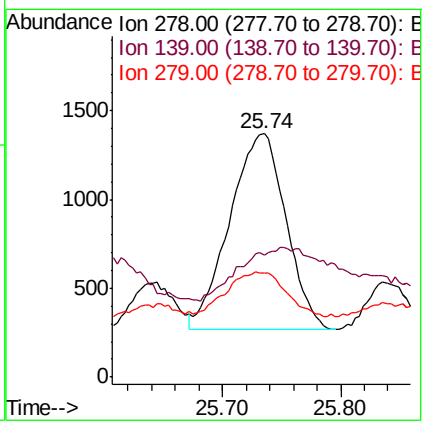


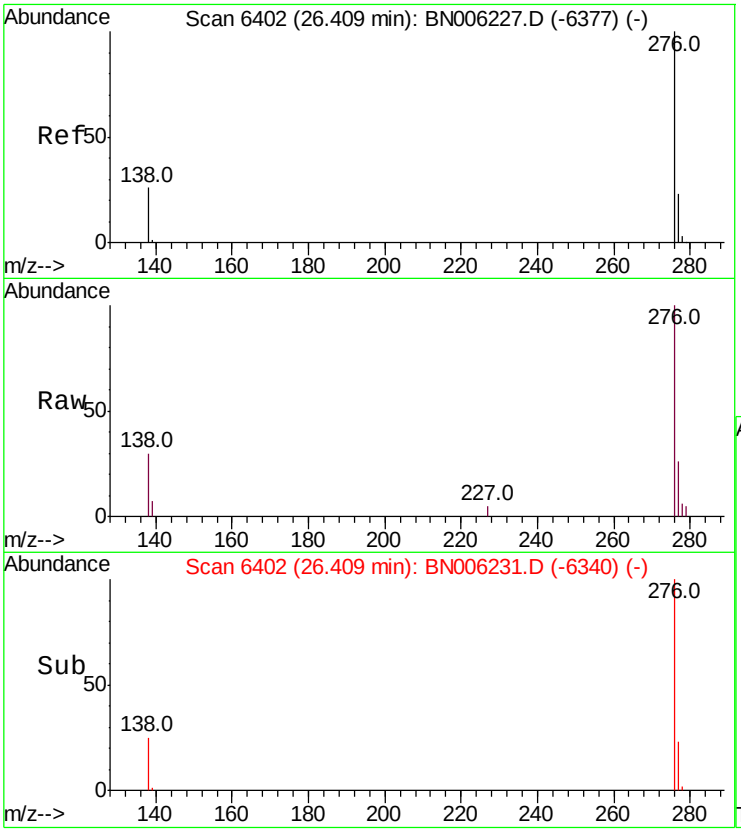


#25
Dibenzo(a,h)anthracene
Concen: 0.094 ng/ul m
RT: 25.74 min Scan# 6201
Delta R.T. -0.00 min
Lab File: BN006231.D
Acq: 10 Jun 2019 20:01

Tgt Ion:278 Resp: 3652

Ion	Ratio	Lower	Upper
278	100		
139	50.3	21.2	31.8#
279	42.6	22.6	33.8#

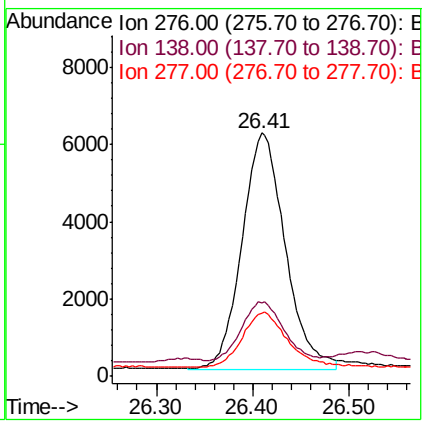




#26
Benzo(g,h,i)perylene
Concen: 0.470 ng/ul m
RT: 26.41 min Scan# 6402
Delta R.T. 0.01 min
Lab File: BN006231.D
Acq: 10 Jun 2019 20:01

Tgt Ion:276 Resp: 19175

Ion	Ratio	Lower	Upper
276	100		
138	30.4	24.2	36.4
277	26.2	21.5	32.3



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