Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004048.D
Acq On : 17 Dec 2018 22:31
Operator : JU/SJ
Sample : J6236-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E23

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Quant Time: Dec 18 06:16:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1494	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7823	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5111	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	13218m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14717m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12886m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3644	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	12275m	0.32	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.19	152	8720	0.379	ng/ul	99
12) Phenanthrene	17.25	178	5817m	0.134	ng/ul	
13) Anthracene	17.35	178	7602m	0.213	ng/ul	
15) Fluoranthene	19.27	202	45251m	0.883	ng/ul	
17) Pyrene	19.64	202	43513m	0.824	ng/ul	
18) Benzo(a)anthracene	21.39	228	25337m	0.545	ng/ul	
19) Chrysene	21.44	228	30402m	0.572	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	51755m	0.971	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	14865m	0.286	ng/ul	
23) Benzo(a)pyrene	23.62	252	20431m	0.443	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	19348m	0.366	ng/ul	
25) Dibenzo(a,h)anthracene	26.08	278	4865m	0.114	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	12636m	0.275	ng/ul	

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

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Instrument :
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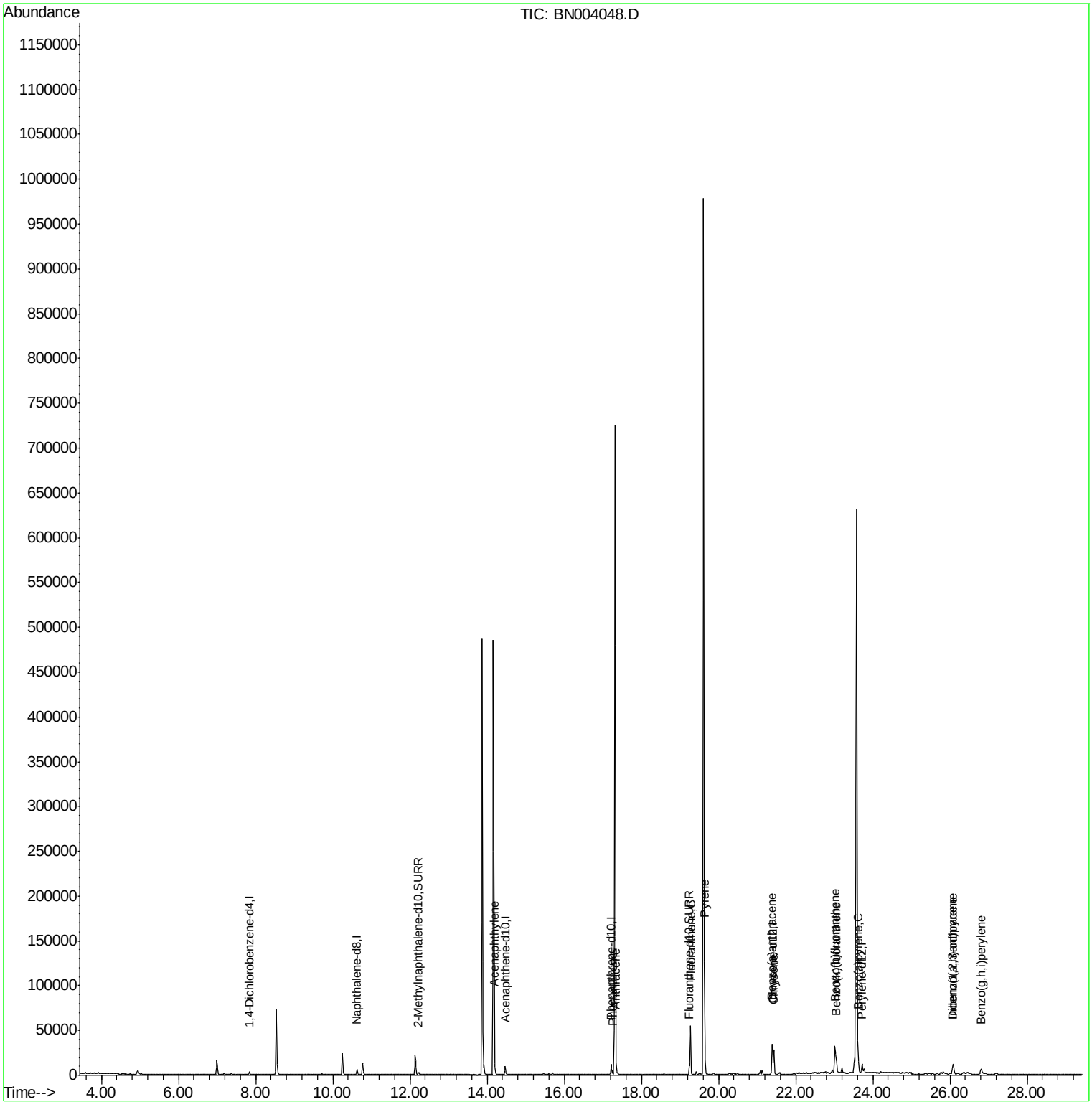
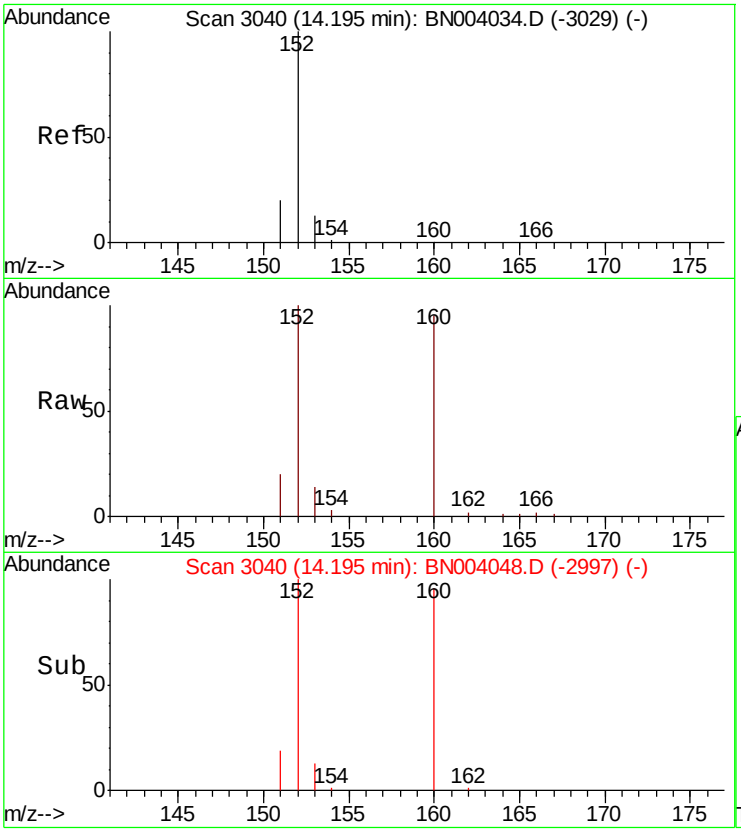
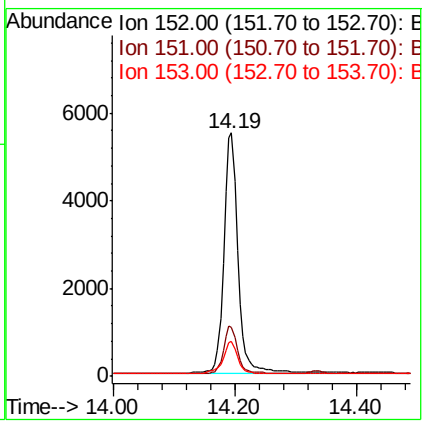




#7
Acenaphthylene
Concen: 0.379 ng/ul
RT: 14.19 min Scan# 3040
Delta R.T. 0.00 min
Lab File: BN004048.D
Acq: 17 Dec 2018 22:31

Tgt Ion:152 Resp: 8720

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	14.3	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
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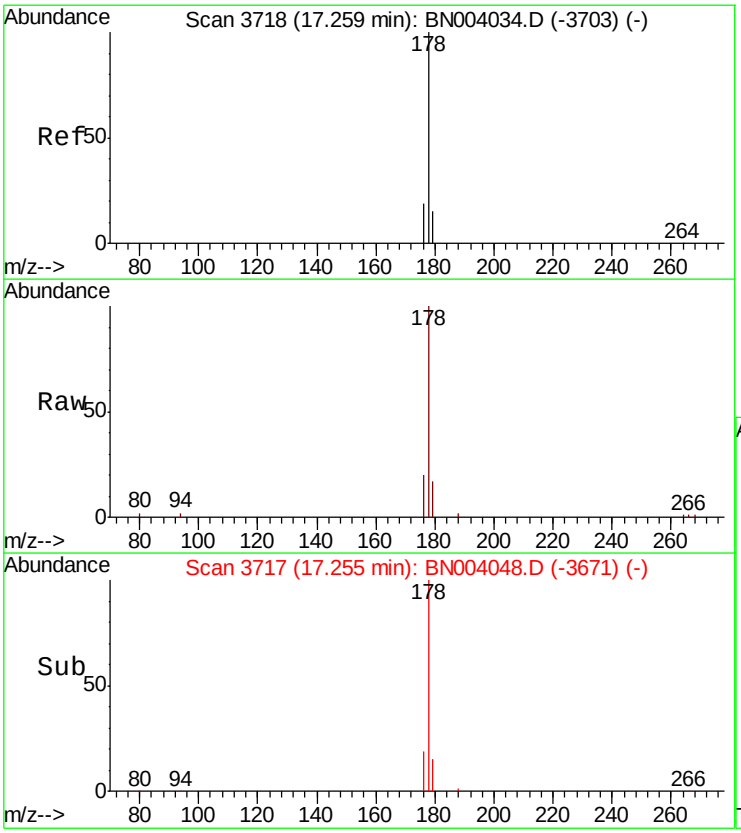
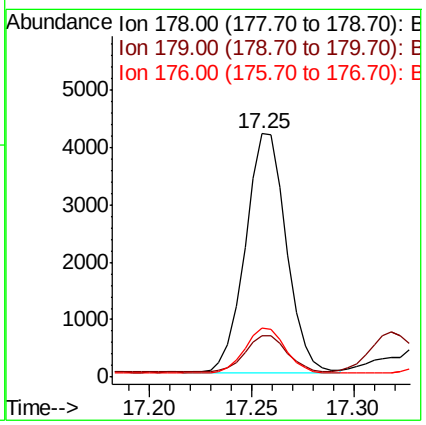
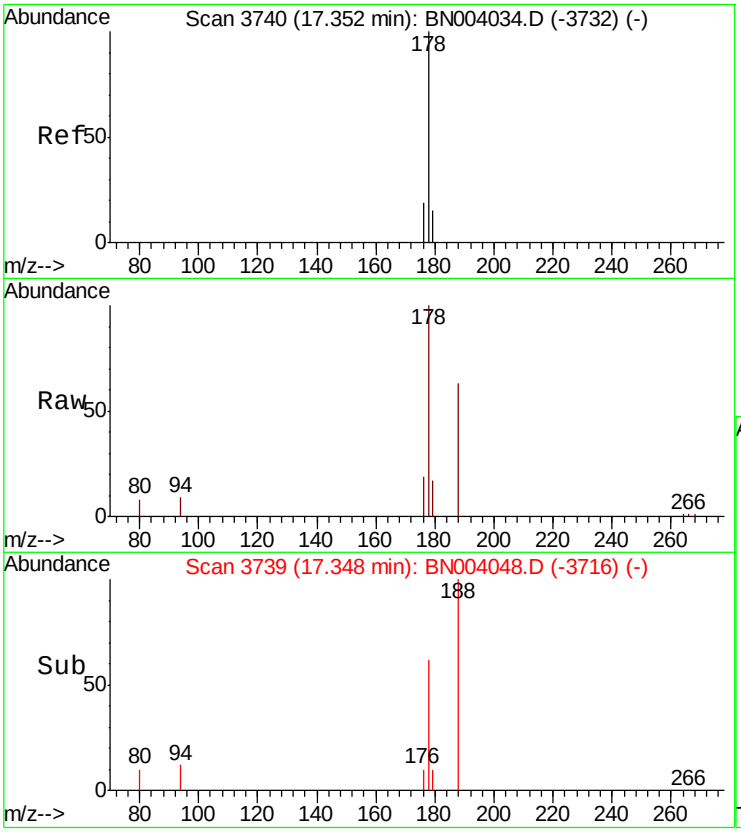


#12
Phenanthrene
Concen: 0.134 ng/ul m
RT: 17.25 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BN004048.D
Acq: 17 Dec 2018 22:31

Tgt Ion:178 Resp: 5817

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.5	18.7
176	20.3	15.0	22.4

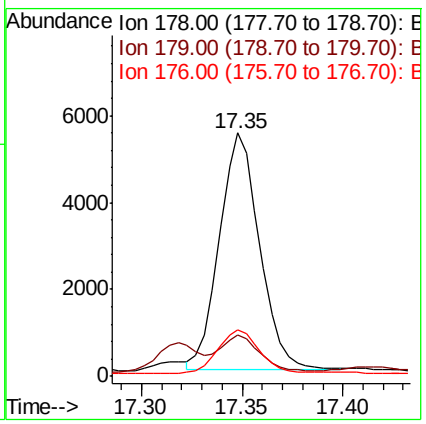




#13
Anthracene
Concen: 0.213 ng/ul m
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN004048.D
Acq: 17 Dec 2018 22:31

Tgt Ion:178 Resp: 7602

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.3	18.5
176	19.1	14.8	22.2



Instrument :
BNA_N
ClientSampleId :
F9E23

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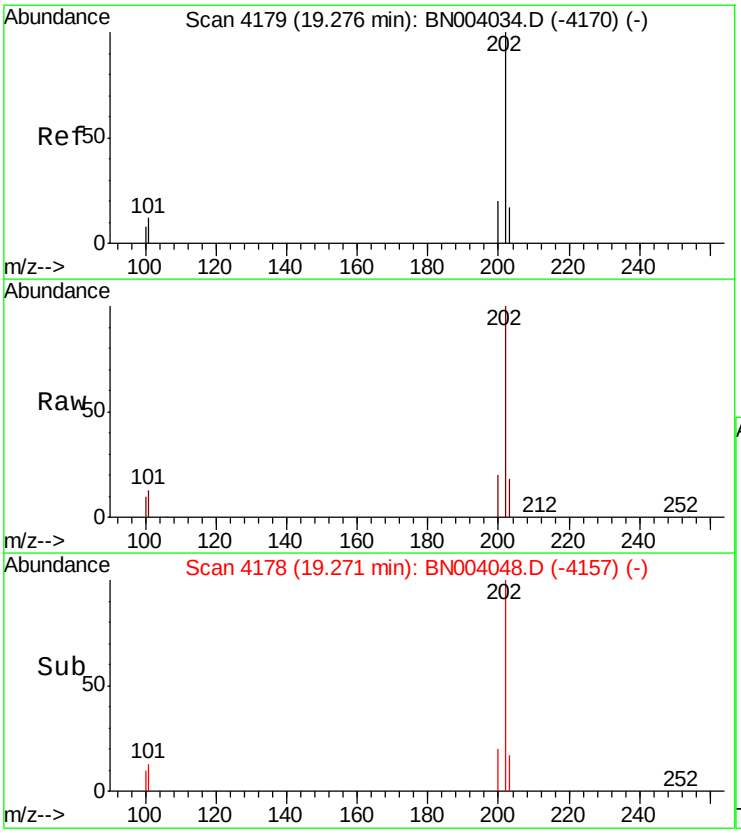
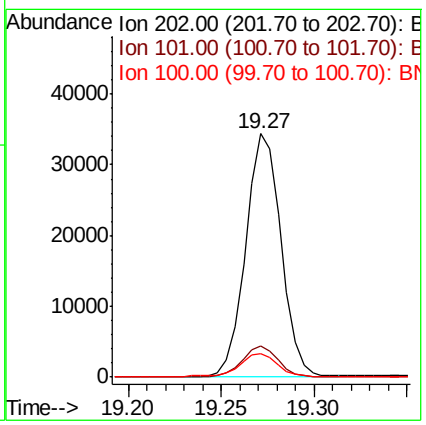
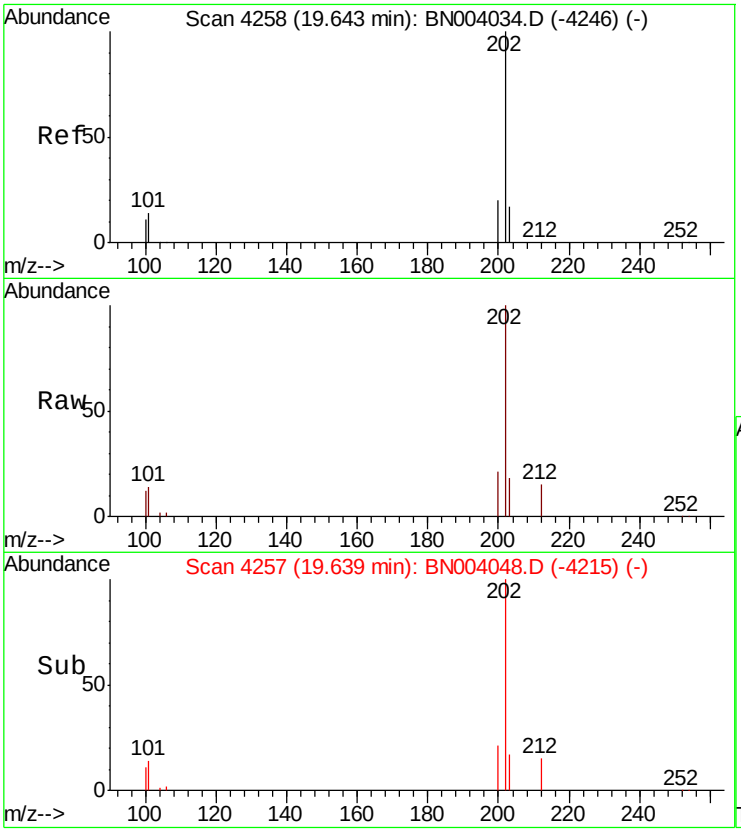


#15
Fluoranthene
Concen: 0.883 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. -0.00 min
Lab File: BN004048.D
Acq: 17 Dec 2018 22:31

Tgt Ion:202 Resp: 45251

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.7
100	9.7	0.0	28.1

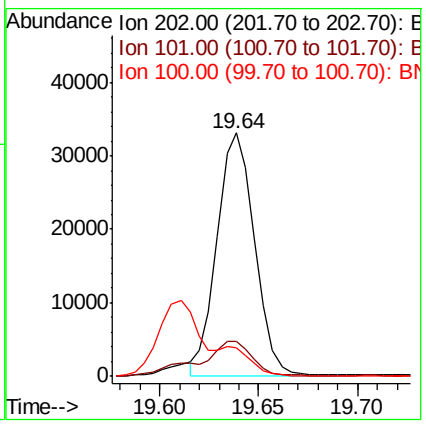




#17
Pyrene
Concen: 0.824 ng/ul m
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004048.D
Acq: 17 Dec 2018 22:31

Tgt Ion:202 Resp: 43513

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.3	15.5
100	11.5	8.5	12.7



Instrument :
BNA_N
ClientSampleId :
F9E23

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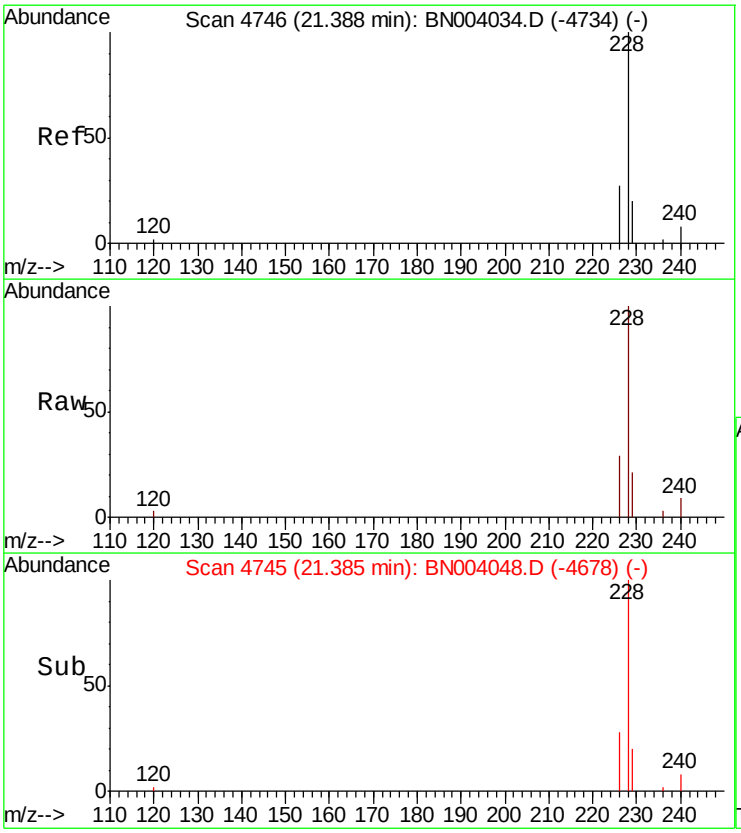
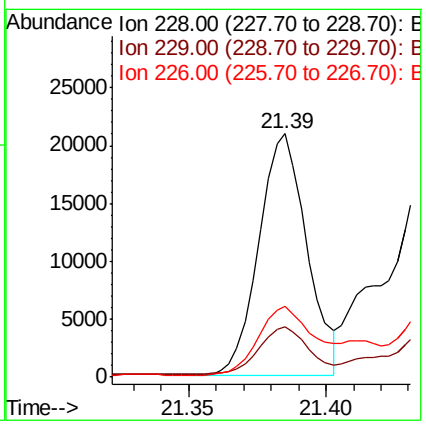
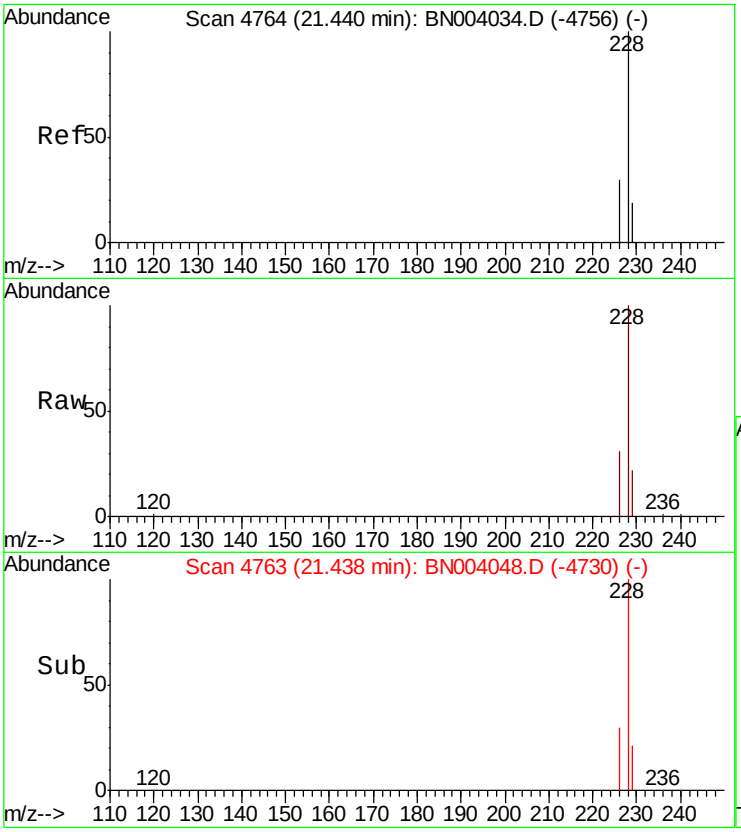


#18
Benzo(a)anthracene
Concen: 0.545 ng/ul m
RT: 21.39 min Scan# 4745
Delta R.T. -0.00 min
Lab File: BN004048.D
Acq: 17 Dec 2018 22:31

Tgt Ion:228 Resp: 25337

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.6	23.4
226	28.9	21.1	31.7

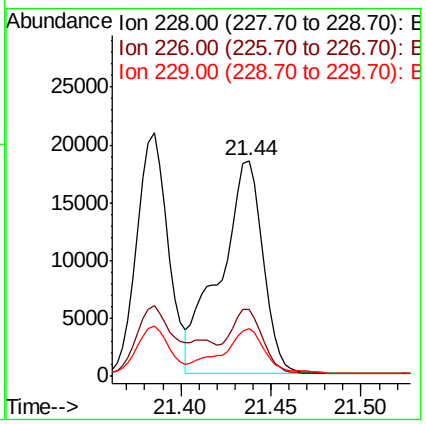




#19
Chrysene
Concen: 0.572 ng/ul m
RT: 21.44 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN004048.D
Acq: 17 Dec 2018 22:31

Tgt Ion:228 Resp: 30402

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	22.0	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
F9E23

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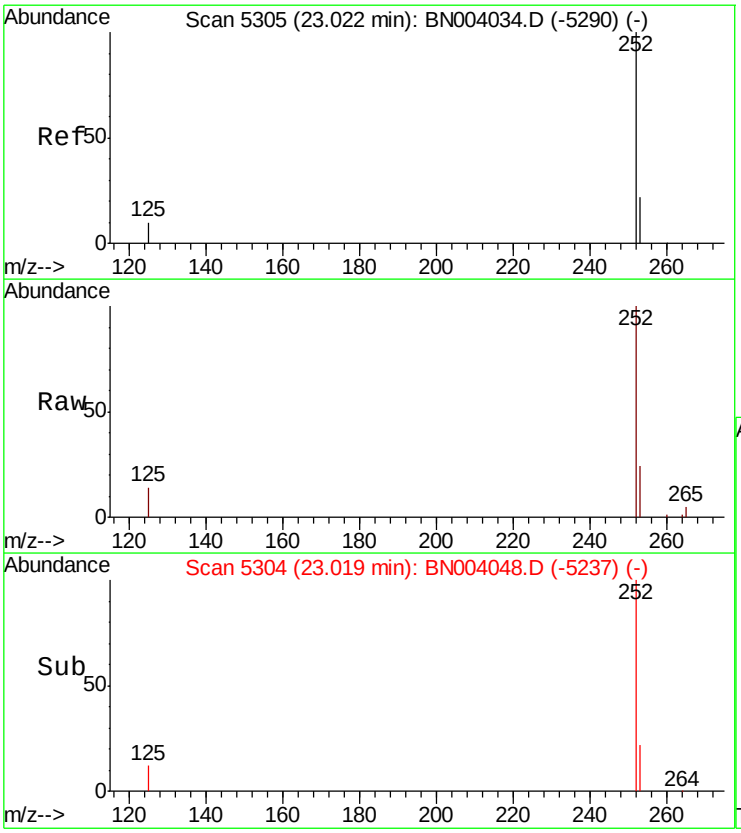
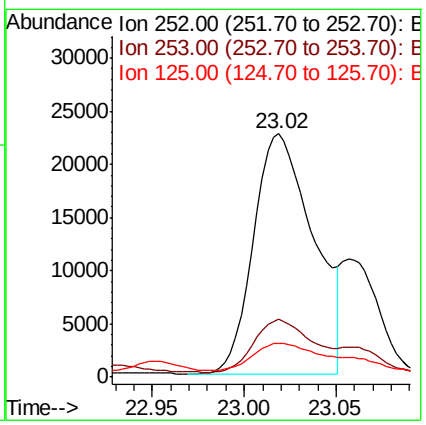
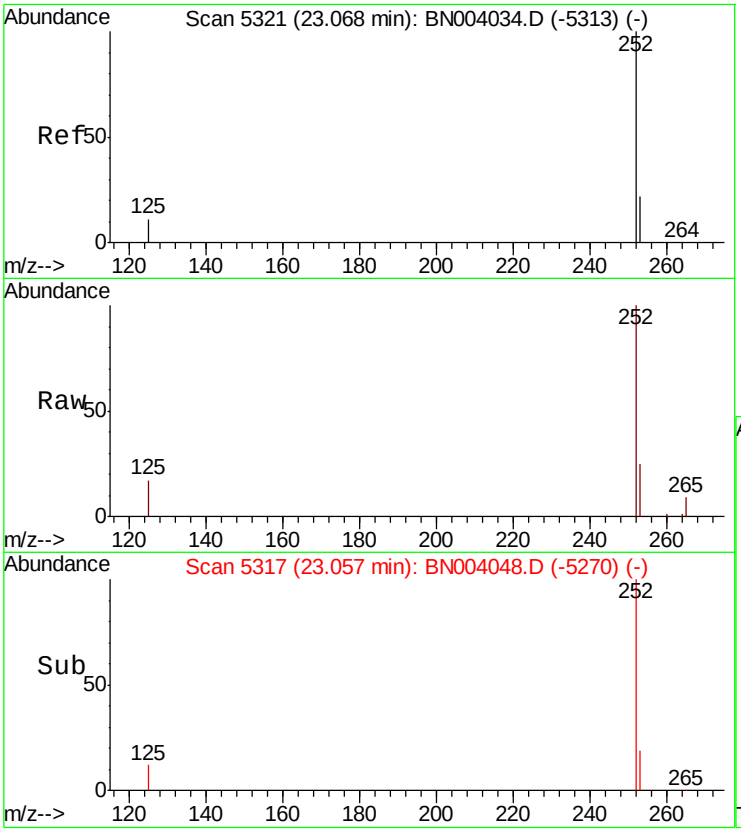


#21
Benzo(b)fluoranthene
Concen: 0.971 ng/ul m
RT: 23.02 min Scan# 5304
Delta R.T. -0.00 min
Lab File: BN004048.D
Acq: 17 Dec 2018 22:31

Tgt Ion:252 Resp: 51755

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	46.0
125	13.8	0.0	22.4





#22
Benzo(k)fluoranthene
Concen: 0.286 ng/ul m
RT: 23.06 min Scan# 5317
Delta R.T. -0.01 min
Lab File: BN004048.D
Acq: 17 Dec 2018 22:31

Tgt Ion:252 Resp: 14865

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.5	27.7
125	16.9	9.0	13.6#

Instrument :
BNA_N
ClientSampleId :
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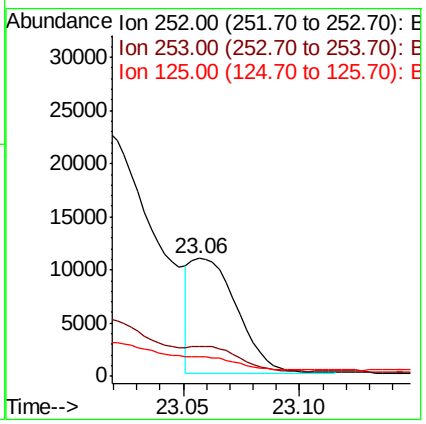
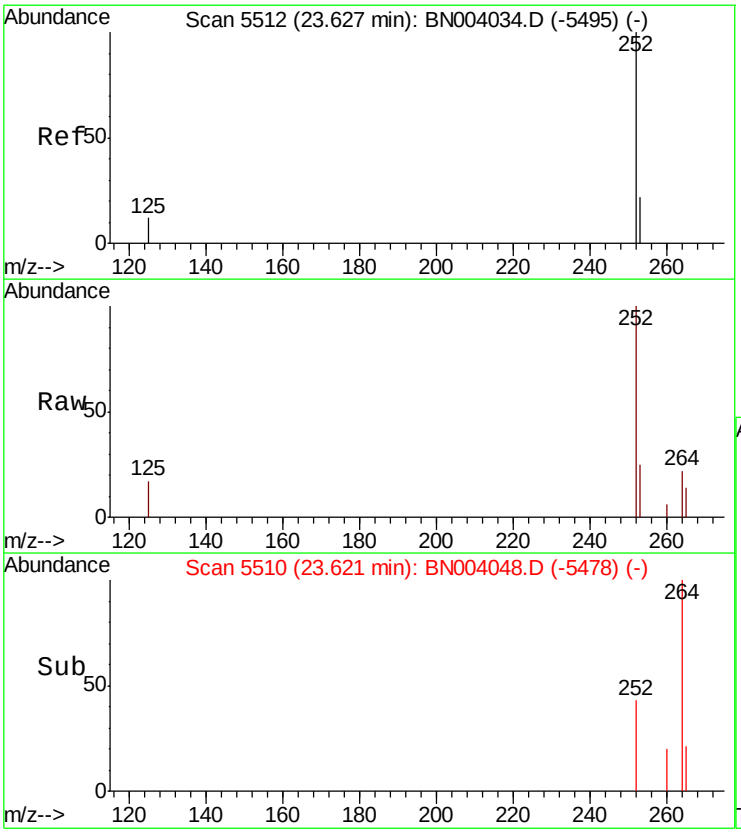
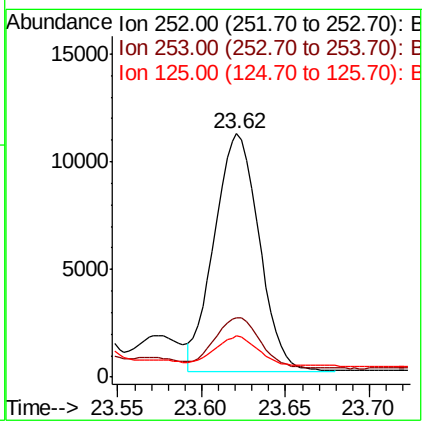


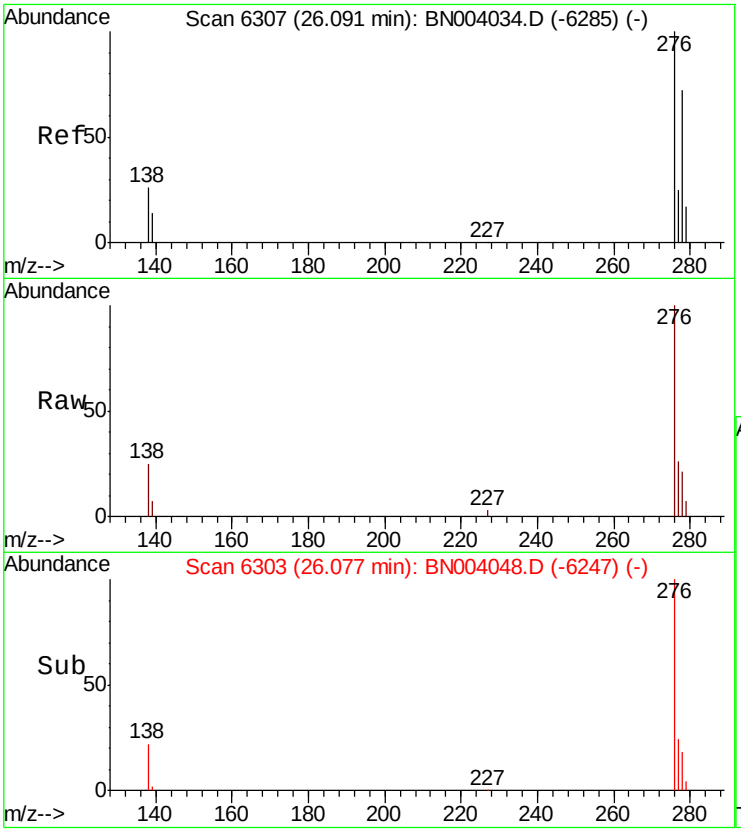


#23
Benzo(a)pyrene
Concen: 0.443 ng/ul m
RT: 23.62 min Scan# 5510
Delta R.T. -0.01 min
Lab File: BN004048.D
Acq: 17 Dec 2018 22:31

Tgt Ion:252 Resp: 20431

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.0	28.4
125	16.8	10.2	15.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul m
RT: 26.08 min Scan# 6303
Delta R.T. -0.01 min
Lab File: BN004048.D
Acq: 17 Dec 2018 22:31

Tgt Ion:276 Resp: 19348

Ion	Ratio	Lower	Upper
276	100		
138	2.2	20.3	30.5#
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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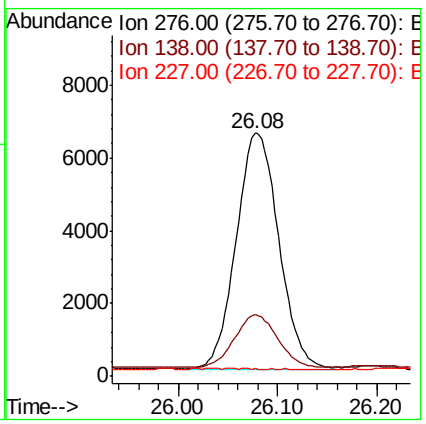
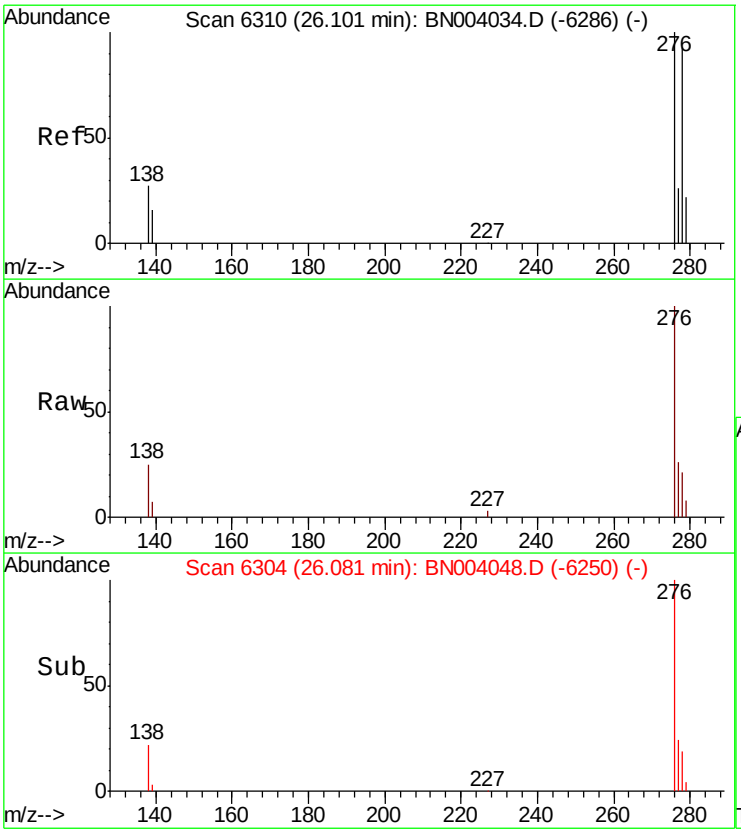
12/18/2018 5:56:26 PM

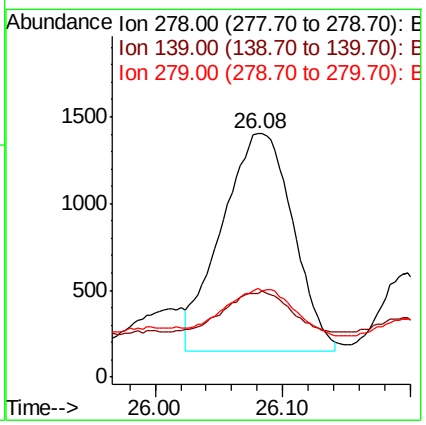


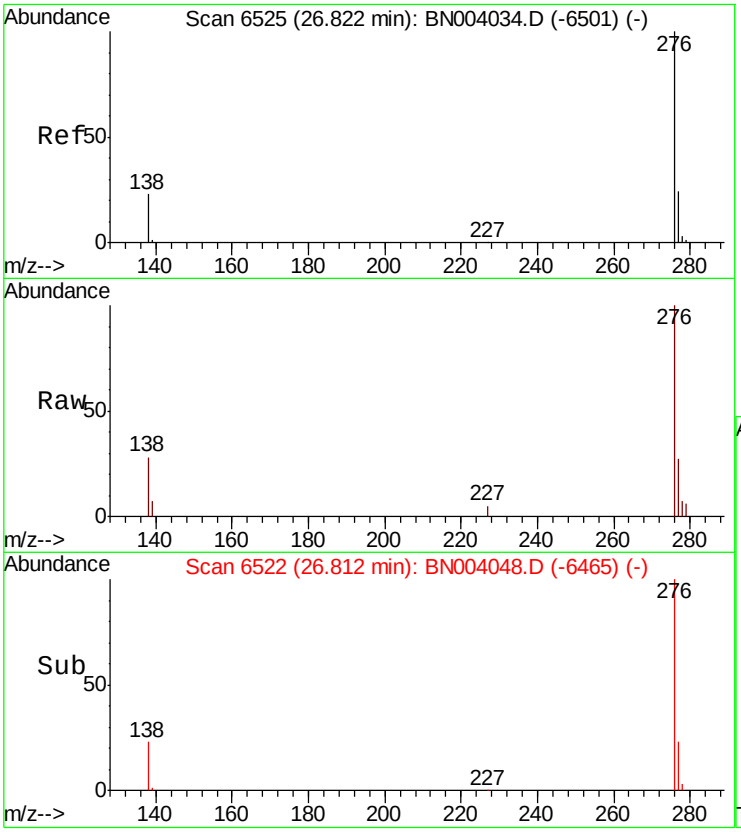


#25
Dibenzo(a,h)anthracene
Concen: 0.114 ng/ul m
RT: 26.08 min Scan# 6304
Delta R.T. -0.02 min
Lab File: BN004048.D
Acq: 17 Dec 2018 22:31

Tgt Ion:278 Resp: 4865

Ion	Ratio	Lower	Upper
278	100		
139	34.5	14.2	21.4#
279	36.4	19.8	29.6#

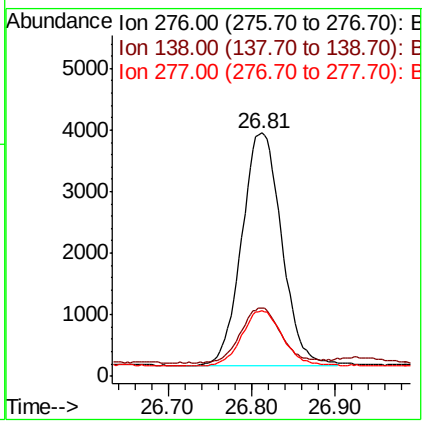




#26
Benzo(g,h,i)perylene
Concen: 0.275 ng/ul m
RT: 26.81 min Scan# 6522
Delta R.T. -0.01 min
Lab File: BN004048.D
Acq: 17 Dec 2018 22:31

Tgt Ion:276 Resp: 12636

Ion	Ratio	Lower	Upper
276	100		
138	28.0	17.7	26.5#
277	26.9	19.3	28.9



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