Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
Data File : BN006383.D
Acq On : 18 Jun 2019 18:59
Operator : JU/SJ
Sample : K3335-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4236

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:16 AM

Quant Time: Jun 19 01:51:16 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 : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4588	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17985	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9099	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16698m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11362m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	17252	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	3940	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	7927m	0.18	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	2641	0.052	ng/ul#	93
12) Phenanthrene	17.09	178	8856	0.165	ng/ul	98
13) Anthracene	17.18	178	2910m	0.057	ng/ul	
15) Fluoranthene	19.12	202	18375m	0.310	ng/ul	
17) Pyrene	19.48	202	18439m	0.308	ng/ul	
18) Benzo(a)anthracene	21.25	228	10480m	0.209	ng/ul	
19) Chrysene	21.30	228	9207	0.195	ng/ul	95
21) Benzo(b)fluoranthene	22.83	252	14562m	0.202	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	5200m	0.074	ng/ul	
23) Benzo(a)pyrene	23.40	252	10980	0.164	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.73	276	8149	0.112	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.74	278	2213	0.038	ng/ul#	56
26) Benzo(g,h,i)perylene	26.42	276	8146	0.134	ng/ul	95

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

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Acq On : 18 Jun 2019 18:59
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Instrument :
BNA_N
ClientSampleId :
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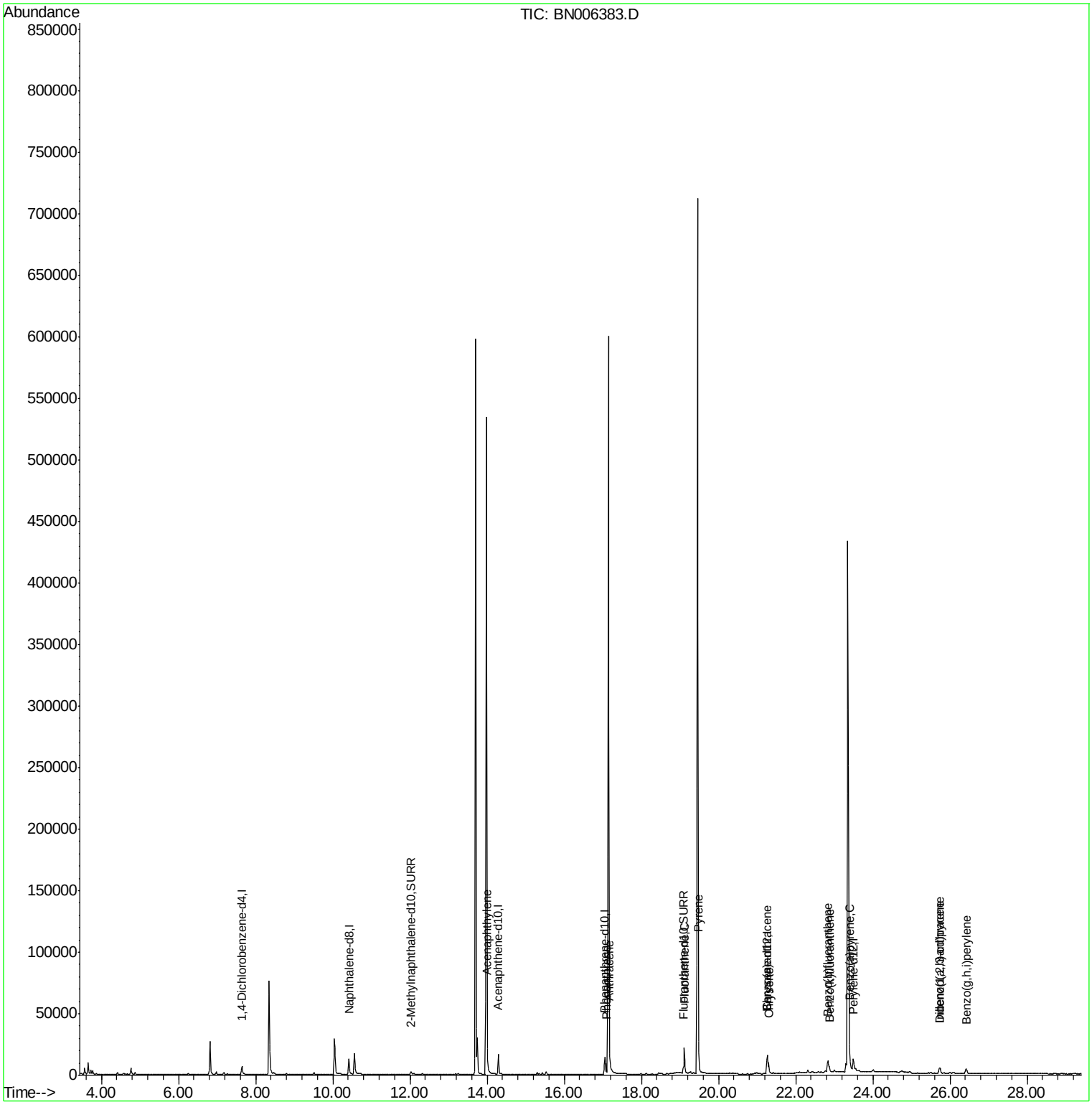

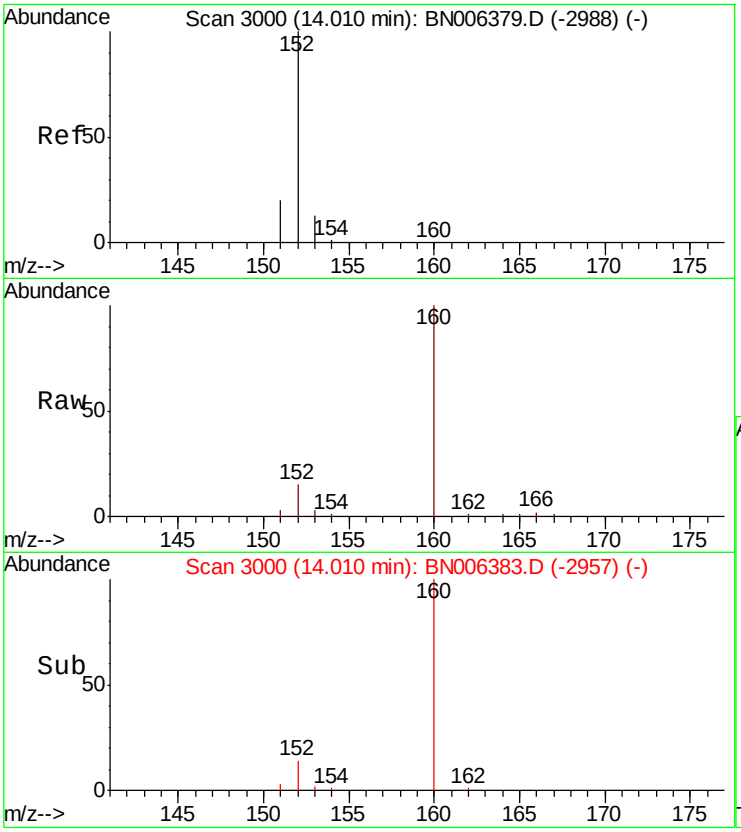

#7
Acenaphthylene
Concen: 0.052 ng/ul
RT: 14.01 min Scan# 3000
Delta R.T. 0.00 min
Lab File: BN006383.D
Acq: 18 Jun 2019 18:59

Tgt Ion:152 Resp: 2641

Ion	Ratio	Lower	Upper
152	100		
151	22.2	15.8	23.8
153	17.5	10.8	16.2#

Instrument :
BNA_N
ClientSampleId :
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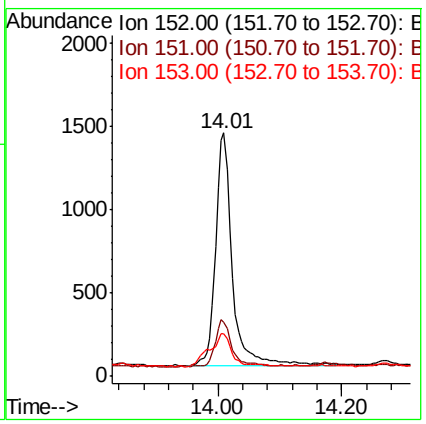
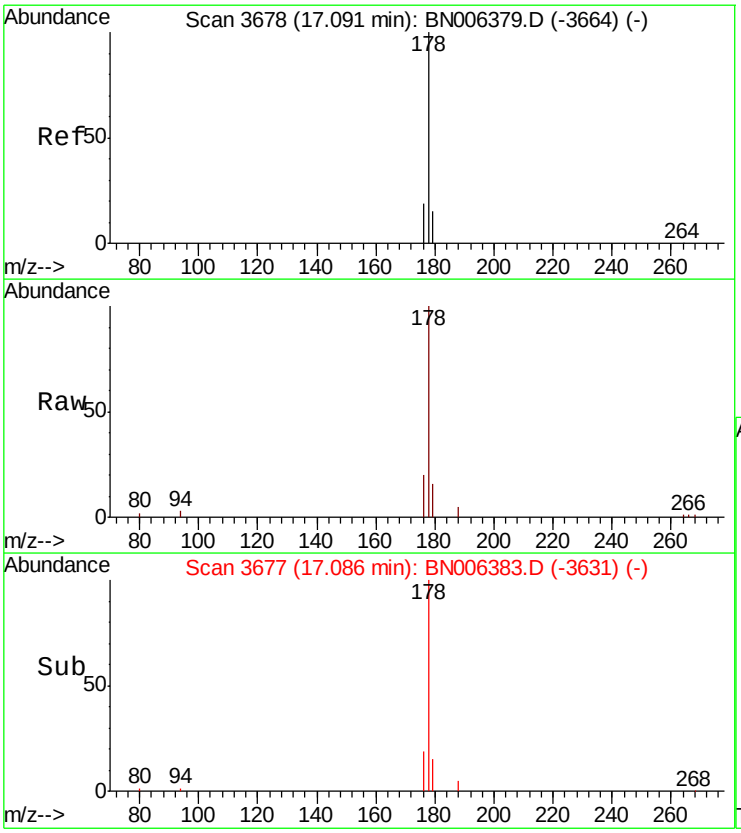
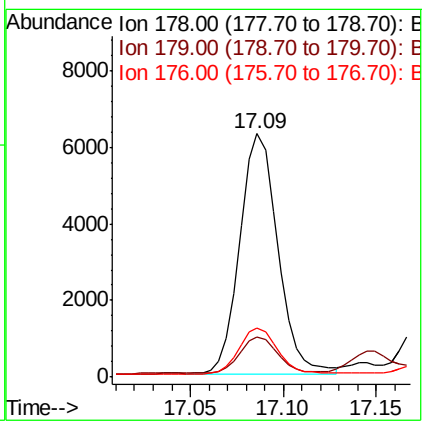


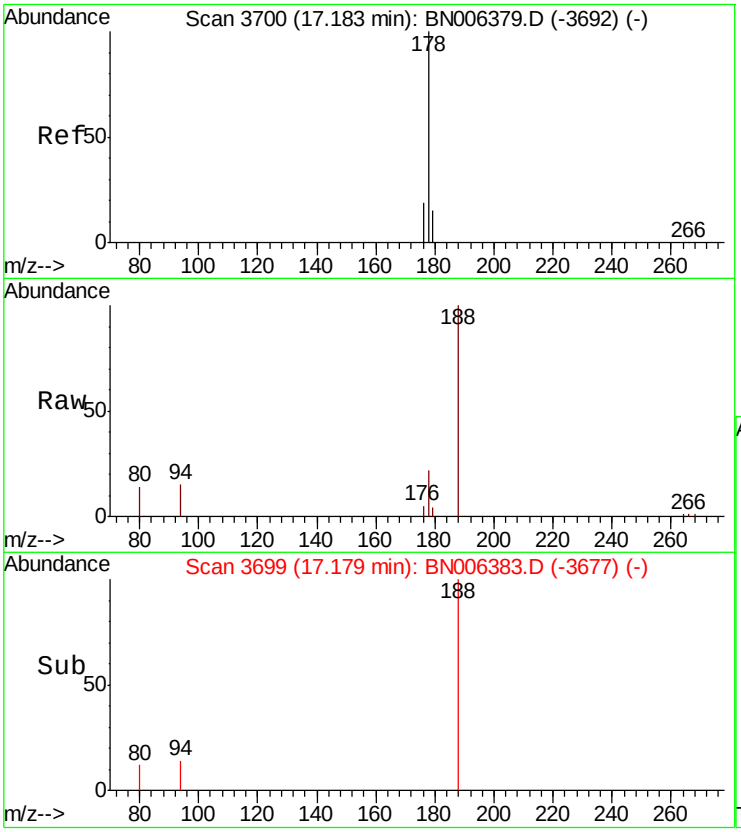


#12
Phenanthrene
Concen: 0.165 ng/ul
RT: 17.09 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BN006383.D
Acq: 18 Jun 2019 18:59

Tgt Ion:178 Resp: 8856

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	20.3	15.3	22.9

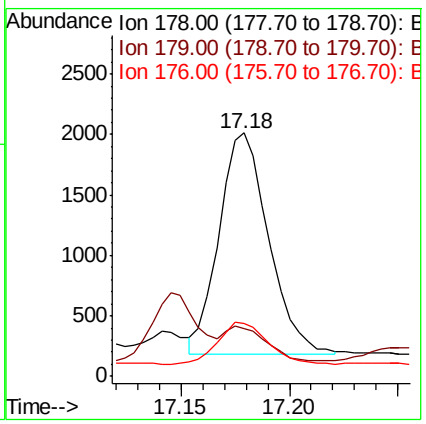




#13
Anthracene
Concen: 0.057 ng/ul m
RT: 17.18 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BN006383.D
Acq: 18 Jun 2019 18:59

Tgt Ion:178 Resp: 2910

Ion	Ratio	Lower	Upper
178	100		
179	19.9	12.2	18.4#
176	21.7	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
A4236

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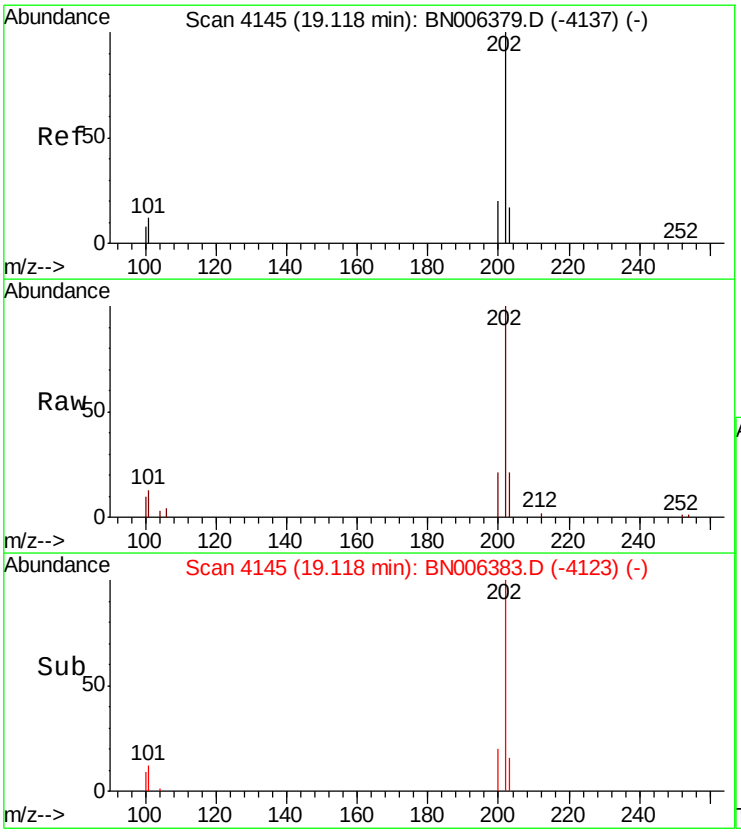
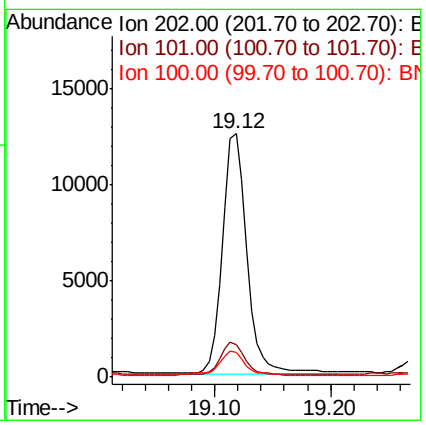
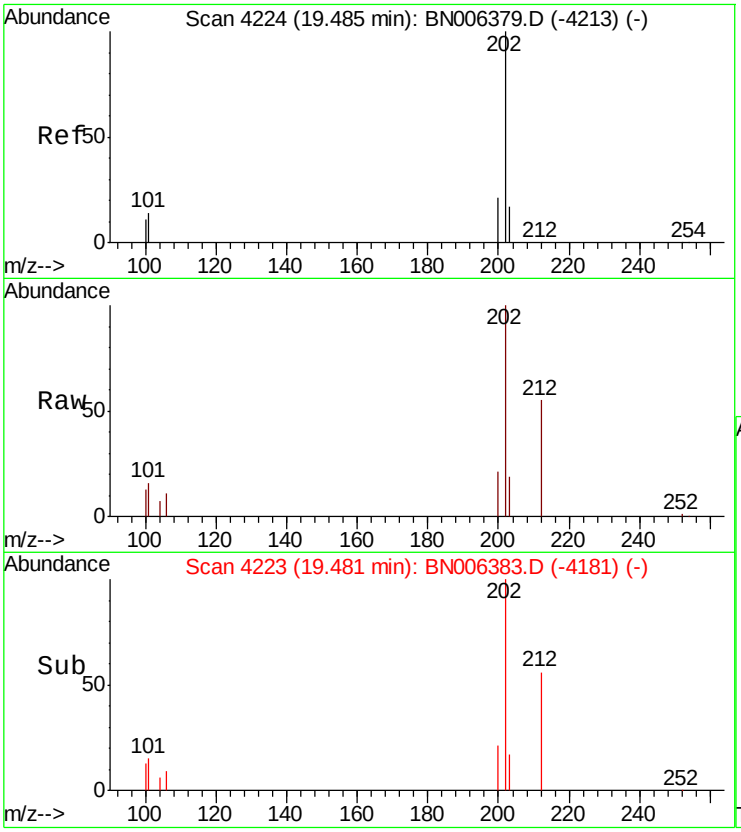


#15
Fluoranthene
Concen: 0.310 ng/ul m
RT: 19.12 min Scan# 4145
Delta R.T. 0.00 min
Lab File: BN006383.D
Acq: 18 Jun 2019 18:59

Tgt Ion:202 Resp: 18375

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

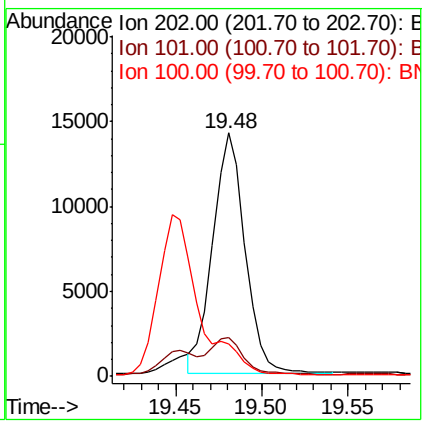




#17
Pyrene
Concen: 0.308 ng/ul m
RT: 19.48 min Scan# 4223
Delta R.T. -0.00 min
Lab File: BN006383.D
Acq: 18 Jun 2019 18:59

Tgt Ion:202 Resp: 18439

Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.2	18.2
100	13.4	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
A4236

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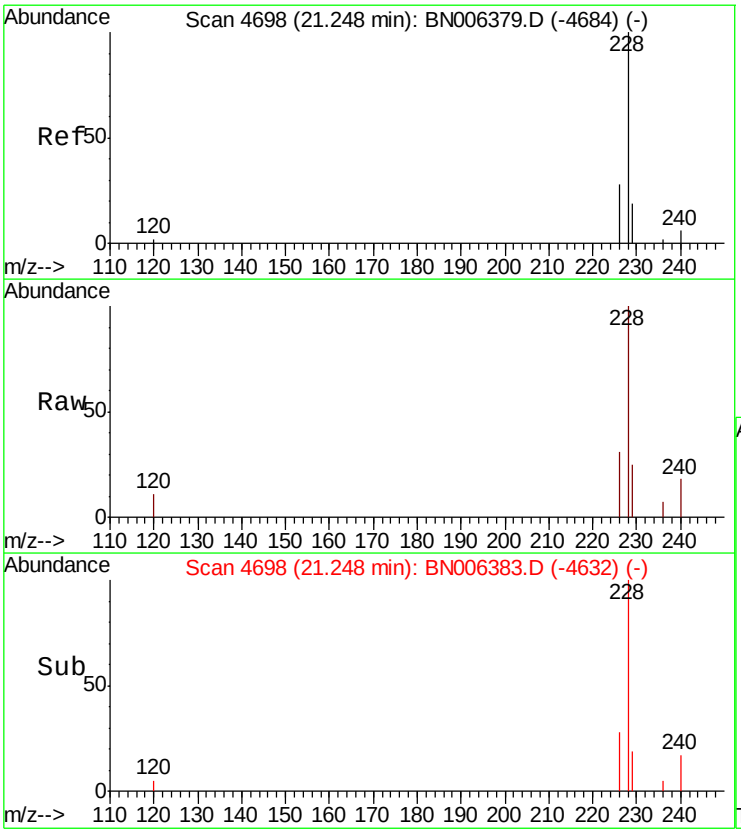
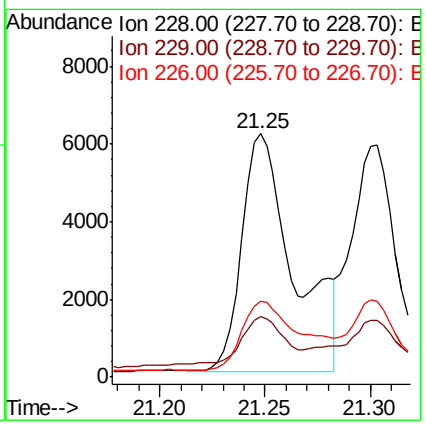
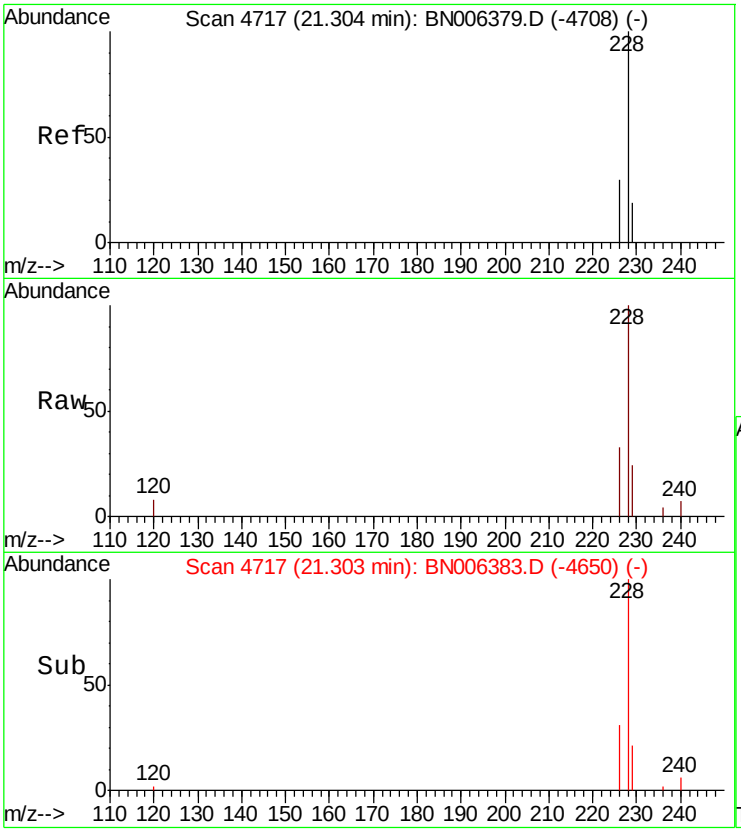


#18
Benzo(a)anthracene
Concen: 0.209 ng/ul m
RT: 21.25 min Scan# 4698
Delta R.T. -0.01 min
Lab File: BN006383.D
Acq: 18 Jun 2019 18:59

Tgt Ion:228 Resp: 10480

Ion	Ratio	Lower	Upper
228	100		
229	24.9	16.5	24.7#
226	31.1	22.8	34.2

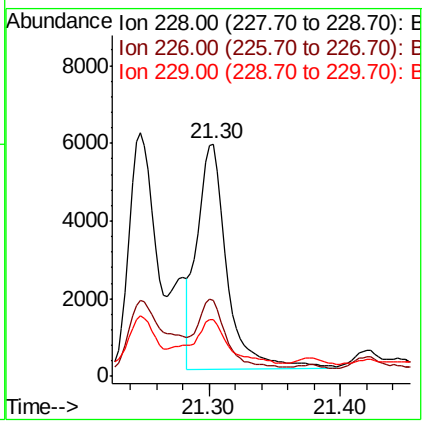




#19
Chrysene
Concen: 0.195 ng/ul
RT: 21.30 min Scan# 4717
Delta R.T. -0.00 min
Lab File: BN006383.D
Acq: 18 Jun 2019 18:59

Tgt Ion:228 Resp: 9207

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	24.4	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
A4236

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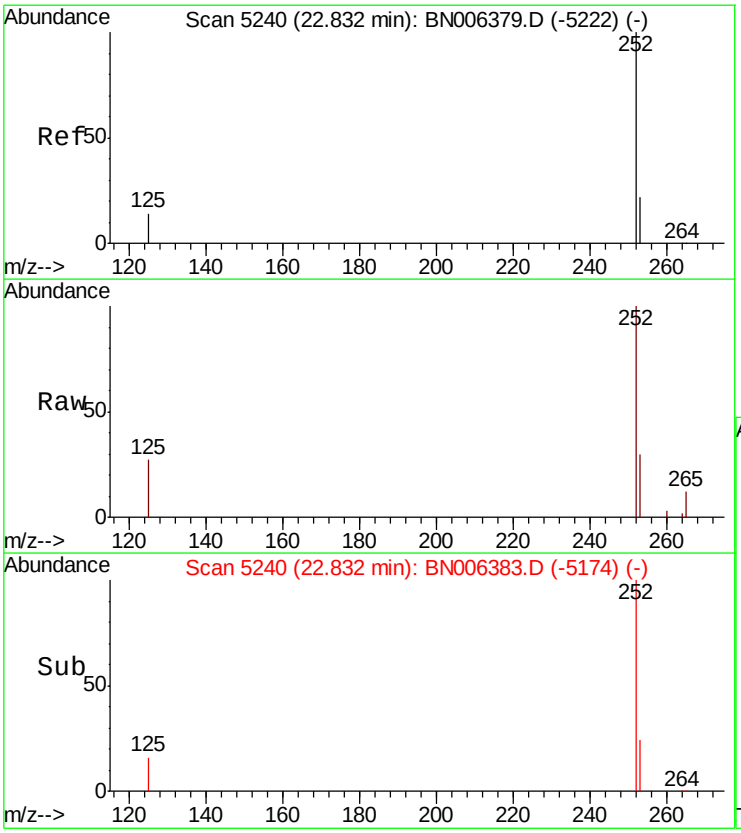
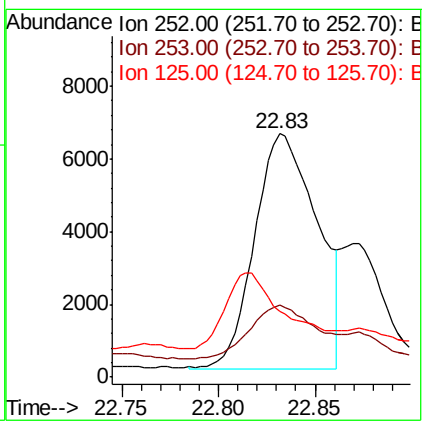
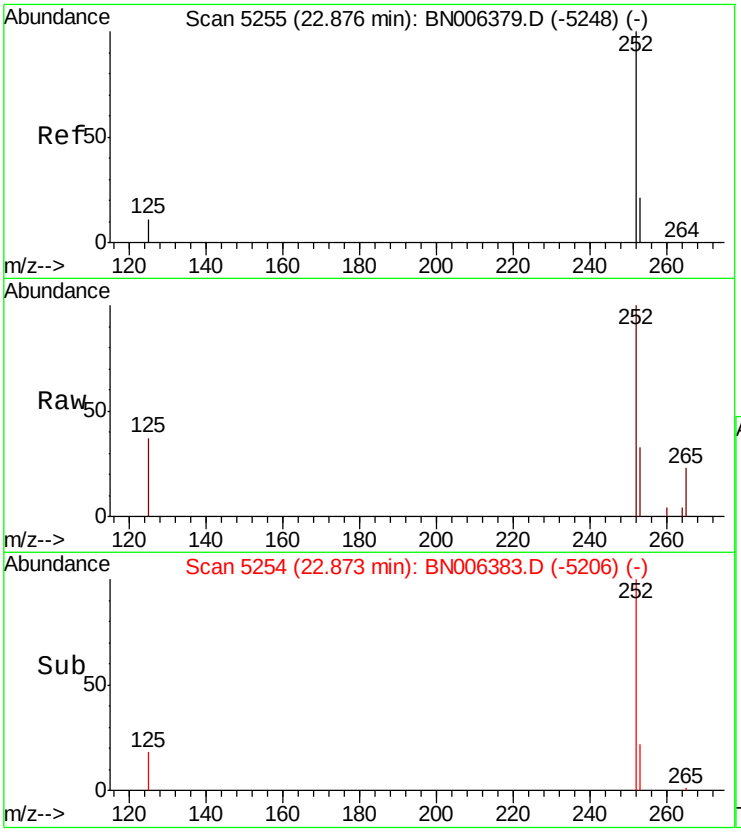


#21
Benzo(b)fluoranthene
Concen: 0.202 ng/ul m
RT: 22.83 min Scan# 5240
Delta R.T. -0.01 min
Lab File: BN006383.D
Acq: 18 Jun 2019 18:59

Tgt Ion:252 Resp: 14562

Ion	Ratio	Lower	Upper
252	100		
253	29.6	0.0	51.4
125	26.8	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 0.074 ng/ul m
RT: 22.87 min Scan# 5254
Delta R.T. -0.01 min
Lab File: BN006383.D
Acq: 18 Jun 2019 18:59

Tgt Ion:252 Resp: 5200

Ion	Ratio	Lower	Upper
252	100		
253	33.4	20.3	30.5#
125	36.6	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
A4236

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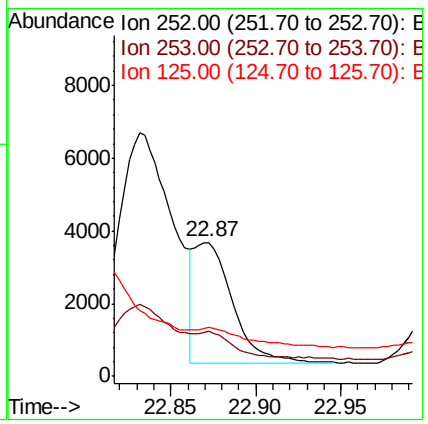
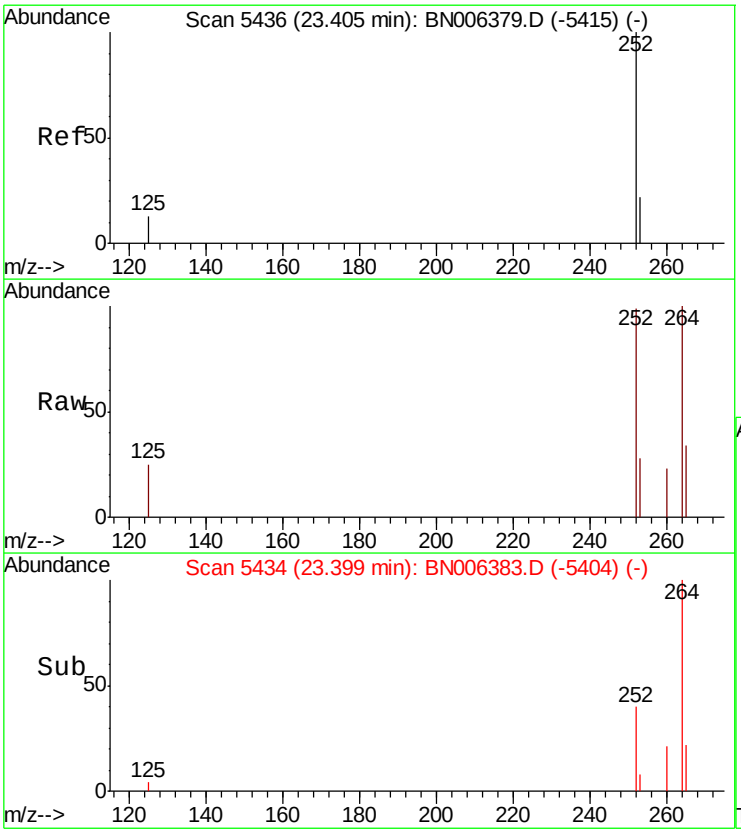
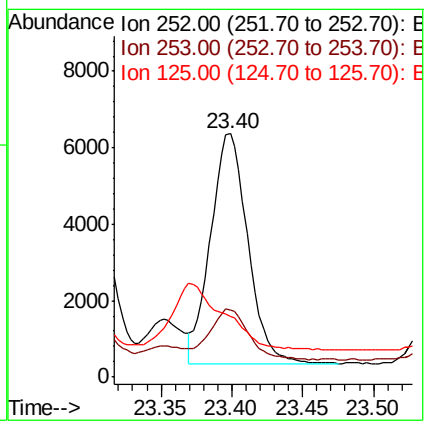


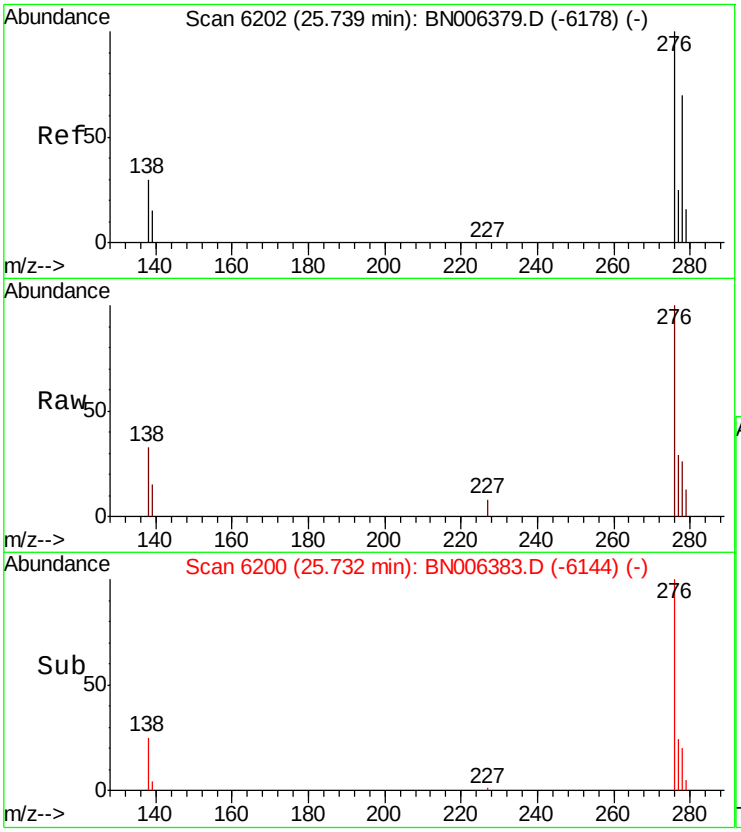


#23
Benzo(a)pyrene
Concen: 0.164 ng/ul
RT: 23.40 min Scan# 5434
Delta R.T. -0.01 min
Lab File: BN006383.D
Acq: 18 Jun 2019 18:59

Tgt Ion:252 Resp: 10980

Ion	Ratio	Lower	Upper
252	100		
253	27.7	21.1	31.7
125	25.1	20.3	30.5





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.112 ng/ul
RT: 25.73 min Scan# 6200
Delta R.T. -0.01 min
Lab File: BN006383.D
Acq: 18 Jun 2019 18:59

Tgt Ion:276 Resp: 8149

Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.6	38.4#
227	0.0	0.3	0.5#

Instrument :
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ClientSampleId :
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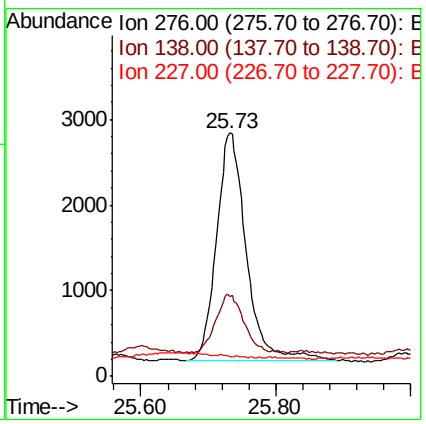
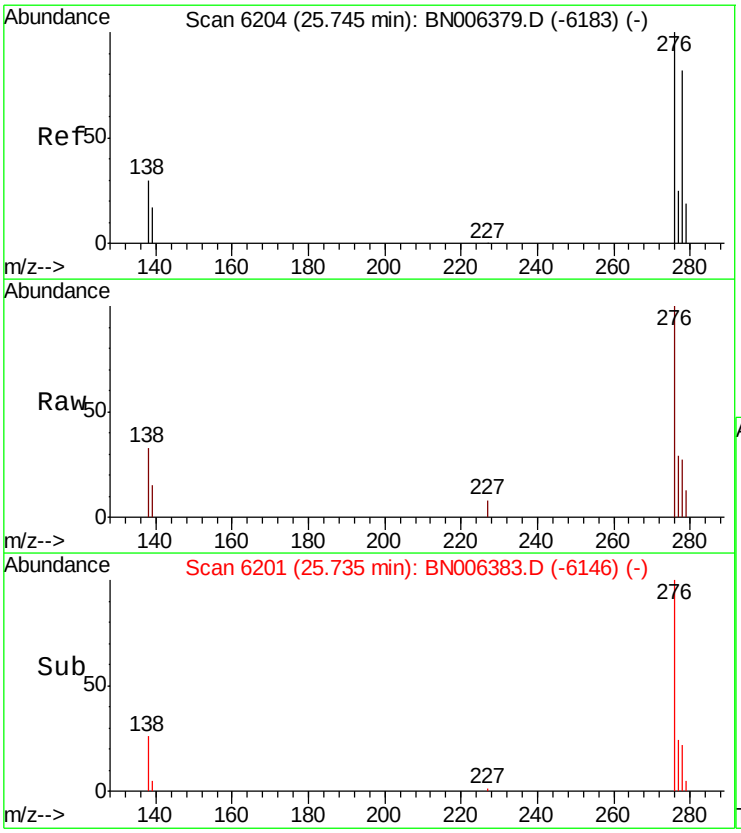
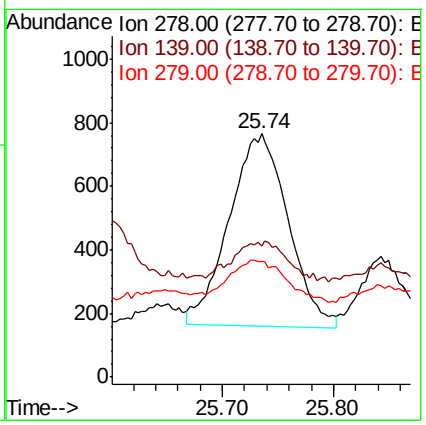


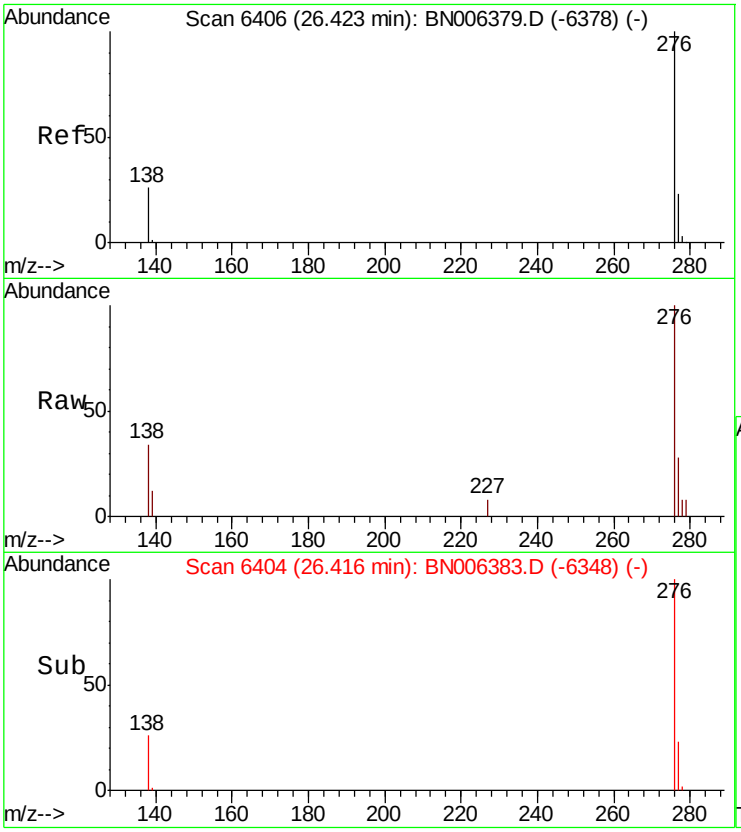


#25
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 25.74 min Scan# 6201
Delta R.T. -0.02 min
Lab File: BN006383.D
Acq: 18 Jun 2019 18:59

Tgt Ion:278 Resp: 2213

Ion	Ratio	Lower	Upper
278	100		
139	53.7	21.2	31.8#
279	47.4	22.6	33.8#

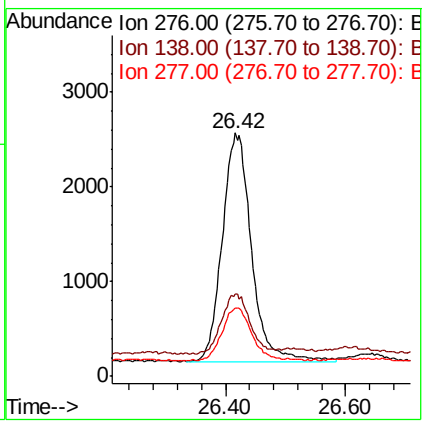




#26
Benzo(g,h,i)perylene
Concen: 0.134 ng/ul
RT: 26.42 min Scan# 6404
Delta R.T. -0.01 min
Lab File: BN006383.D
Acq: 18 Jun 2019 18:59

Tgt Ion:276 Resp: 8146

Ion	Ratio	Lower	Upper
276	100		
138	33.9	24.2	36.4
277	28.1	21.5	32.3



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