Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006193.D
Acq On : 08 Jun 2019 16:13
Operator : JU/SJ
Sample : K3016-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51C4

Manual Integrations APPROVED
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Quant Time: Jun 09 04:32:53 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 04:20:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4536	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	17257	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9117	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	19041m	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	15796m	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	14315m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	4498	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10573m	0.21	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	1724	0.034	ng/ul#	86
12) Phenanthrene	17.09	178	4774	0.078	ng/ul	96
13) Anthracene	17.18	178	1205m	0.021	ng/ul	
15) Fluoranthene	19.12	202	10976m	0.163	ng/ul	
17) Pyrene	19.49	202	11413	0.137	ng/ul	97
18) Benzo(a)anthracene	21.26	228	4653m	0.067	ng/ul	
19) Chrysene	21.31	228	6229m	0.095	ng/ul	
21) Benzo(b)fluoranthene	22.85	252	8435m	0.141	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	3338m	0.057	ng/ul	
23) Benzo(a)pyrene	23.42	252	4862	0.087	ng/ul#	60
24) Indeno(1,2,3-cd)pyrene	25.76	276	3469	0.058	ng/ul	92
25) Dibenzo(a,h)anthracene	25.76	278	973	0.020	ng/ul#	34
26) Benzo(g,h,i)perylene	26.44	276	2704	0.054	ng/ul#	81

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

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Misc :
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Instrument :
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ClientSampleId :
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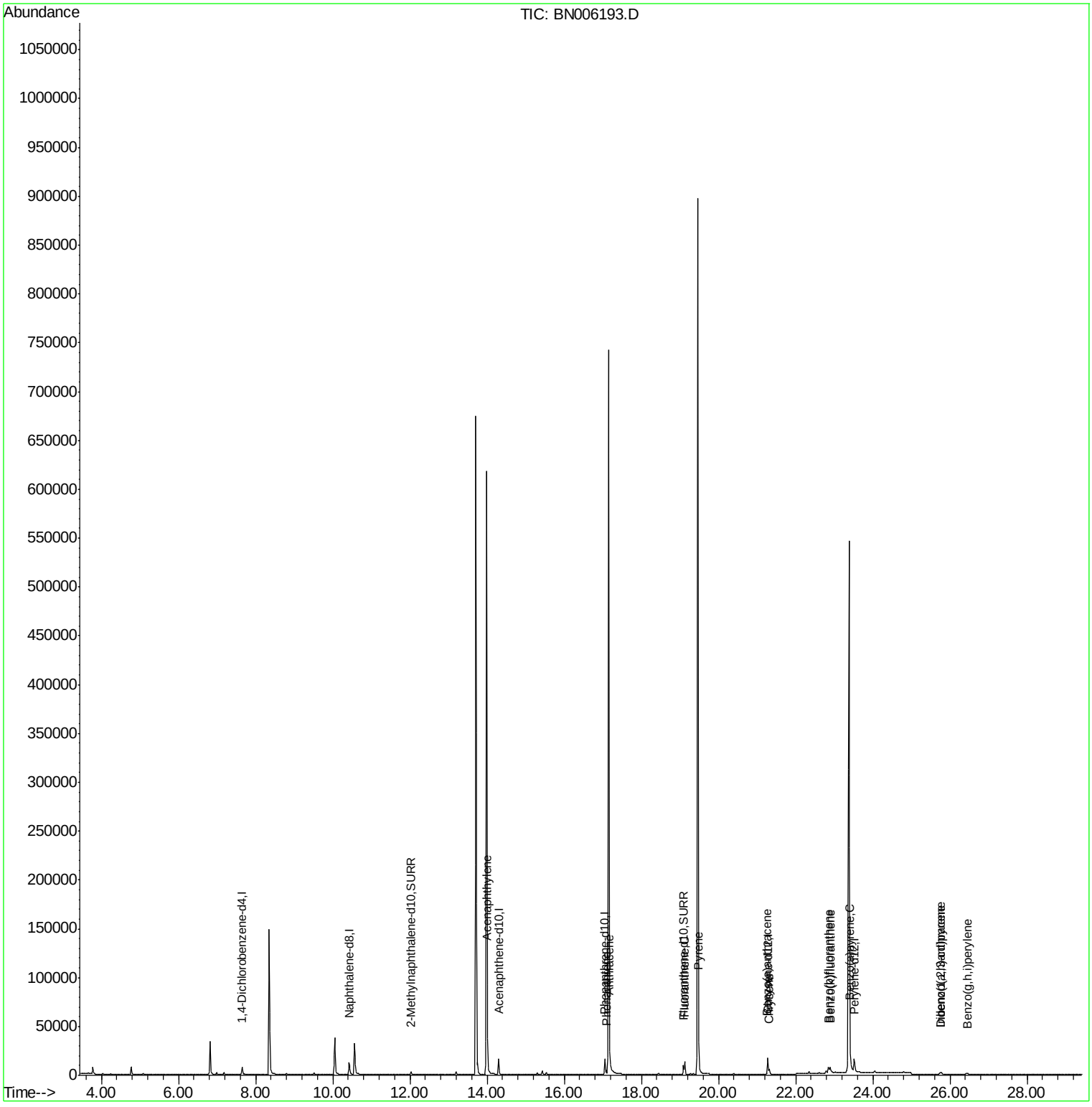
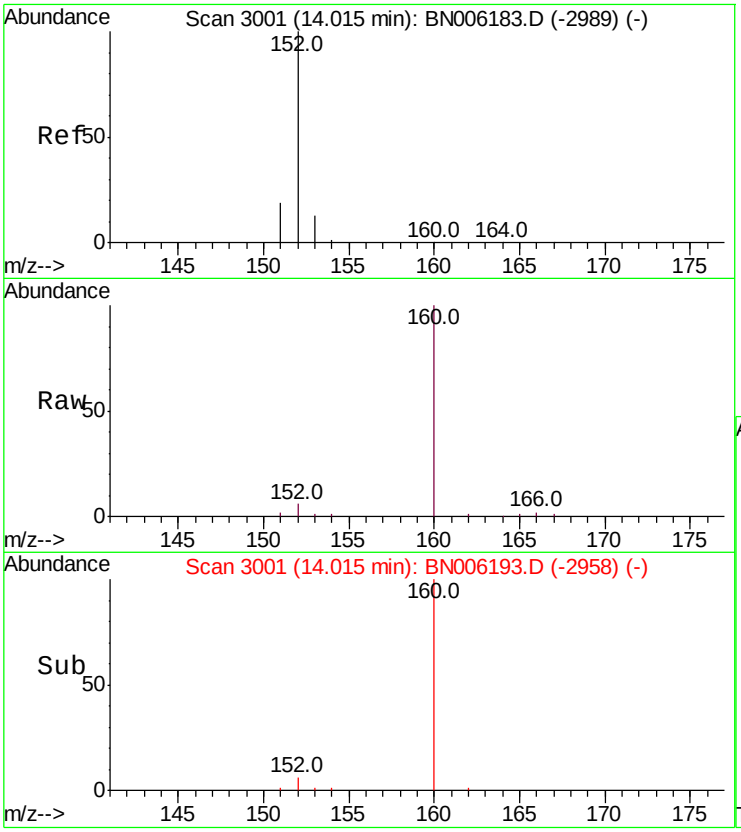
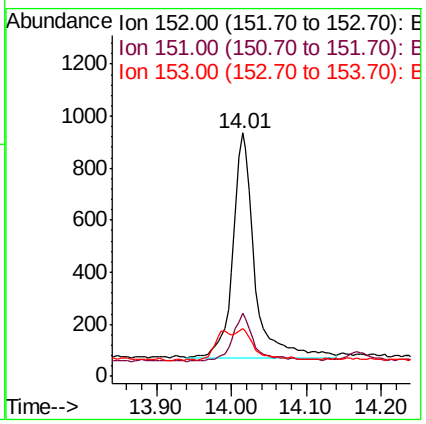




#7
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:152 Resp: 1724

Ion	Ratio	Lower	Upper
152	100		
151	26.0	15.8	23.8#
153	19.8	10.8	16.2#



Instrument :
BNA_N
ClientSampleId :
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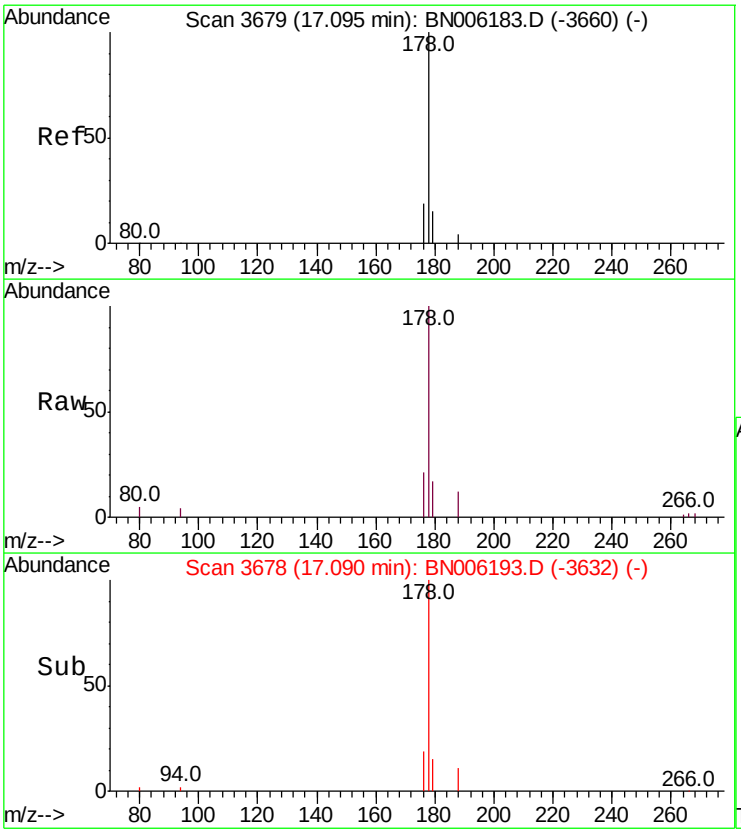
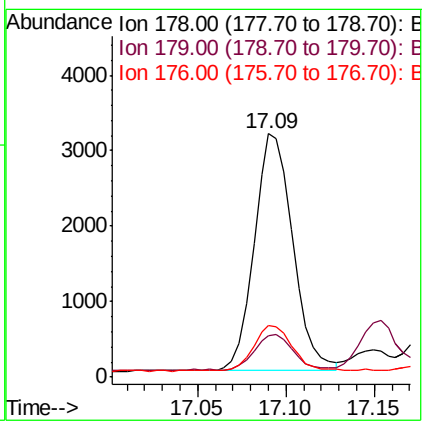
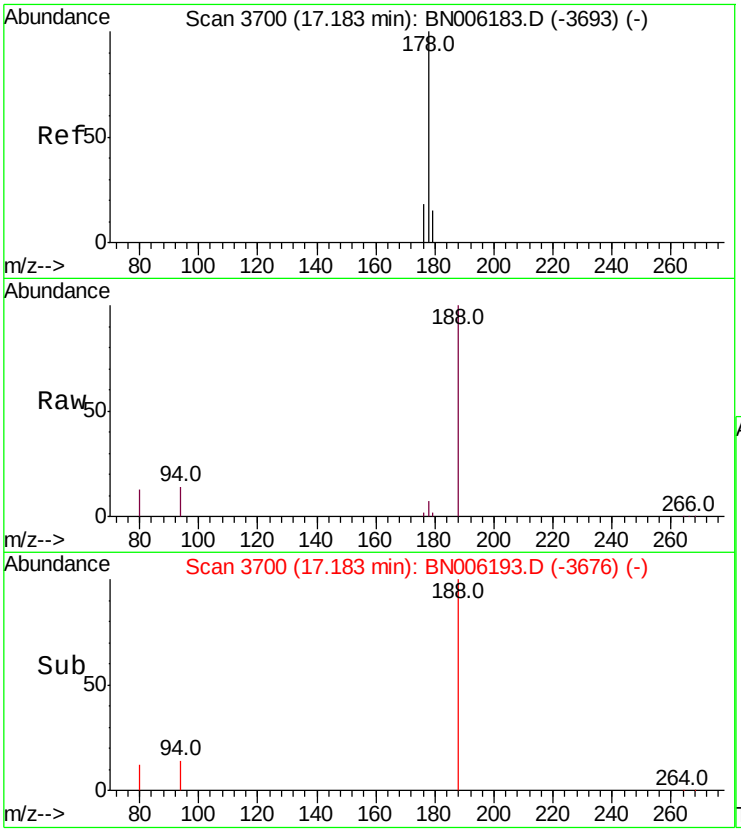


#12
Phenanthrene
Concen: 0.078 ng/ul
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:178 Resp: 4774

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.3	18.5
176	21.2	15.3	22.9

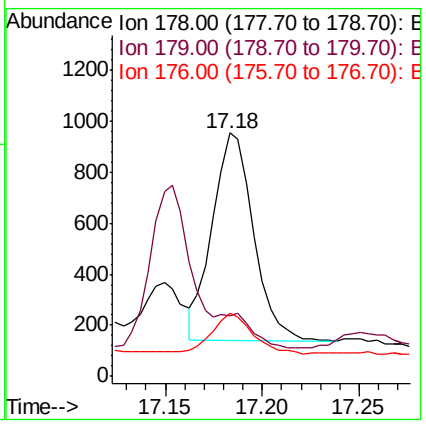




#13
Anthracene
Concen: 0.021 ng/ul m
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:178 Resp: 1205

Ion	Ratio	Lower	Upper
178	100		
179	25.1	12.2	18.4#
176	25.8	15.1	22.7#



Instrument :
BNA_N
ClientSampleId :
A51C4

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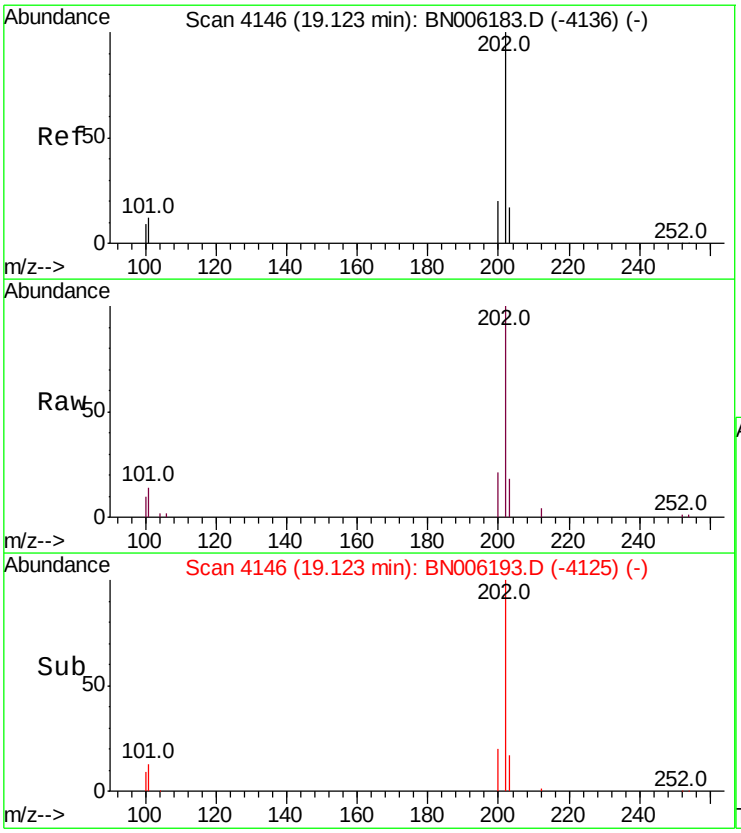
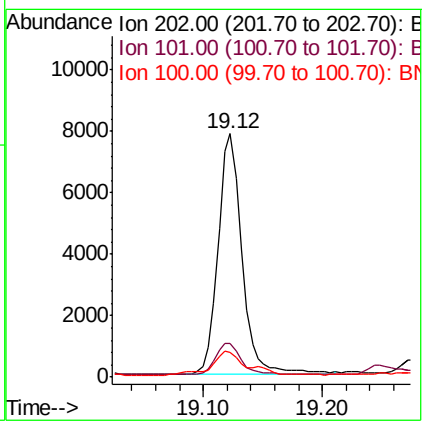
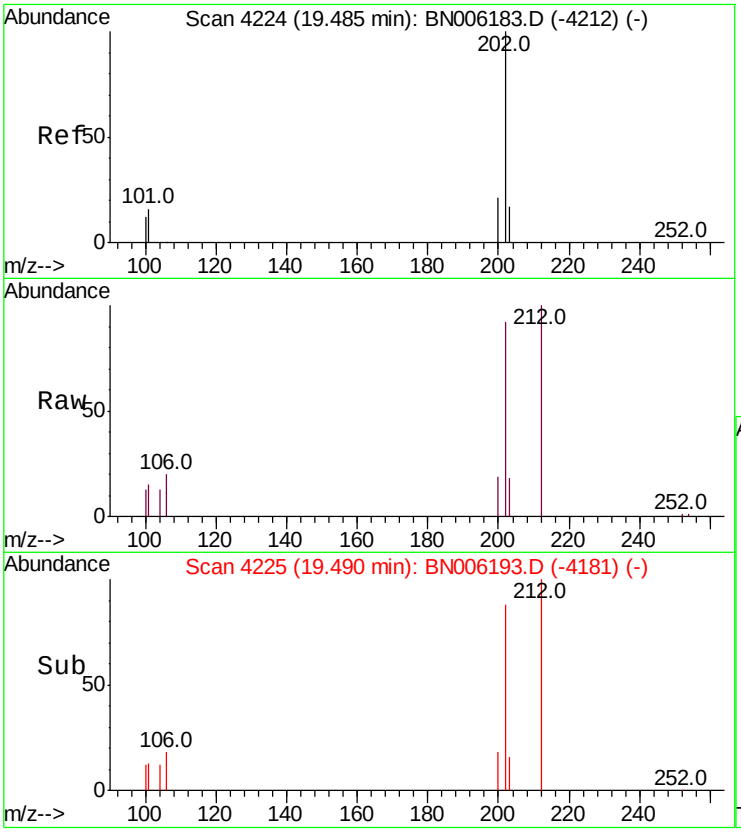


#15
Fluoranthene
Concen: 0.163 ng/ul m
RT: 19.12 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:202 Resp: 10976

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	32.1
100	10.3	0.0	28.7

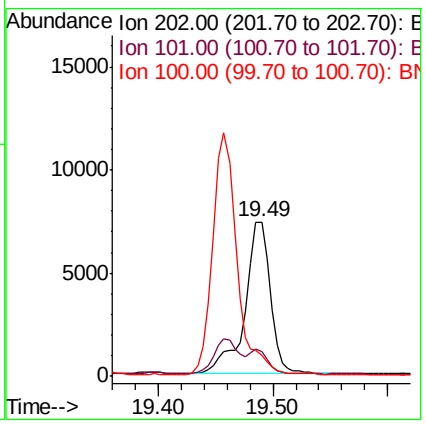




#17
Pyrene
Concen: 0.137 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:202 Resp: 11413

Ion	Ratio	Lower	Upper
202	100		
101	16.0	12.2	18.2
100	13.8	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
A51C4

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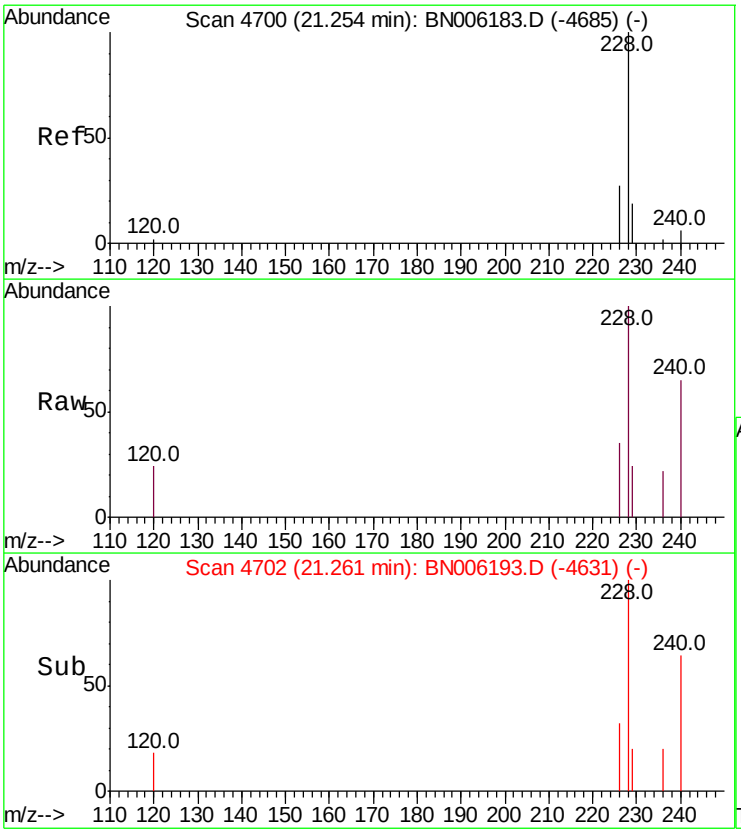
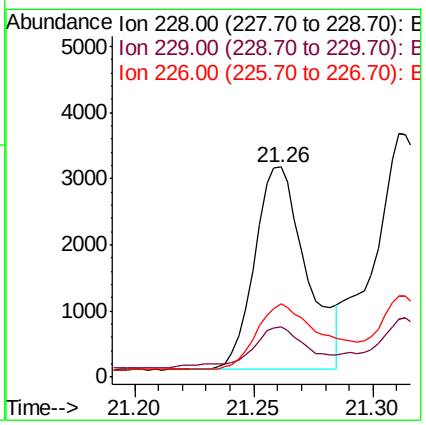
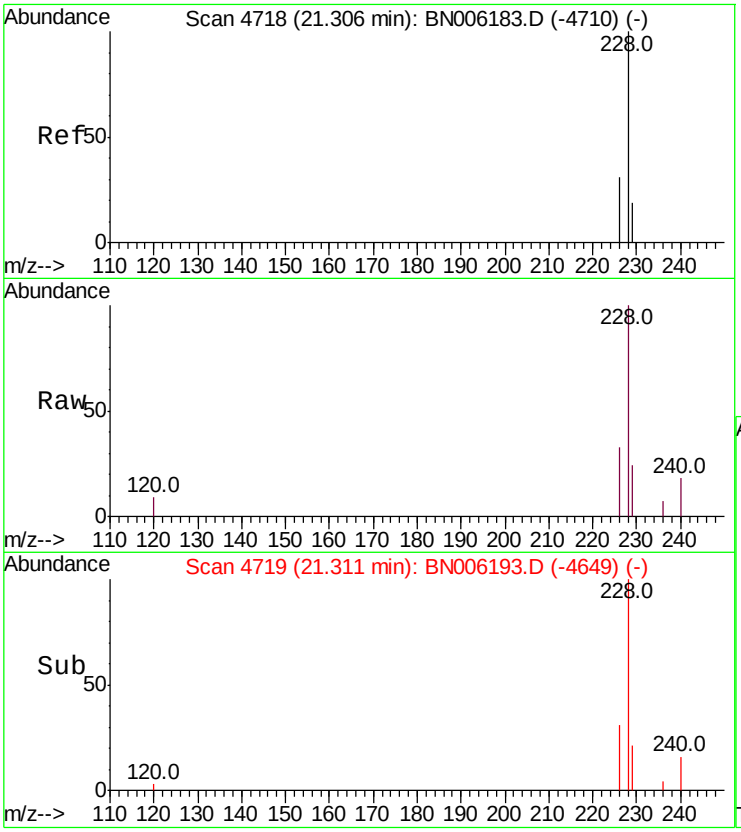


#18
Benzo(a)anthracene
Concen: 0.067 ng/ul m
RT: 21.26 min Scan# 4702
Delta R.T. 0.01 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:228 Resp: 4653

Ion	Ratio	Lower	Upper
228	100		
229	23.7	16.5	24.7
226	35.0	22.8	34.2#

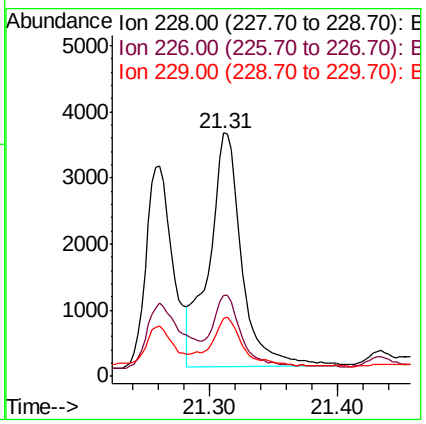




#19
Chrysene
Concen: 0.095 ng/ul m
RT: 21.31 min Scan# 4719
Delta R.T. 0.00 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:228 Resp: 6229

Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.0	37.6
229	23.7	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
A51C4

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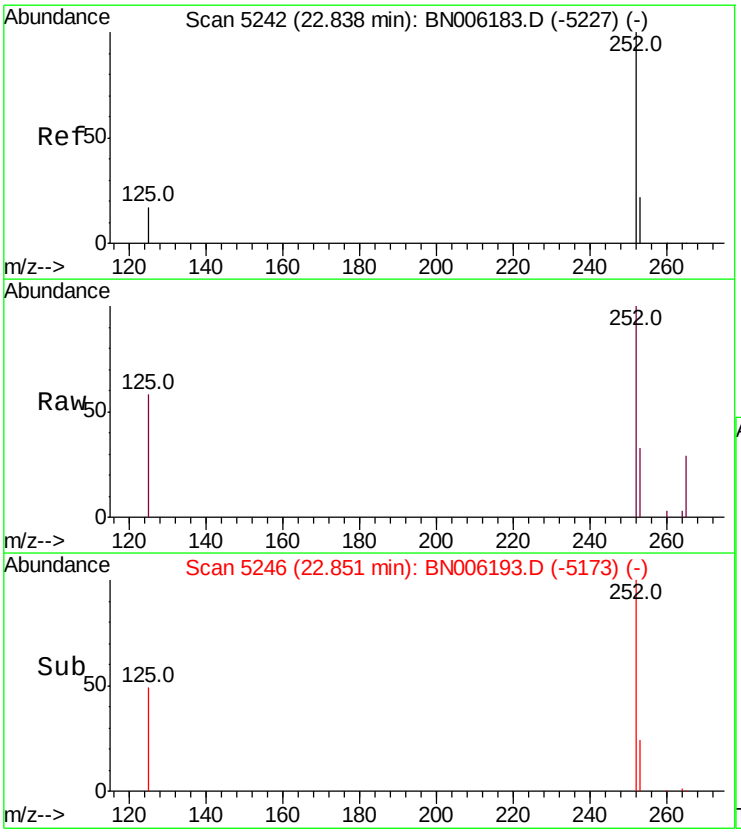
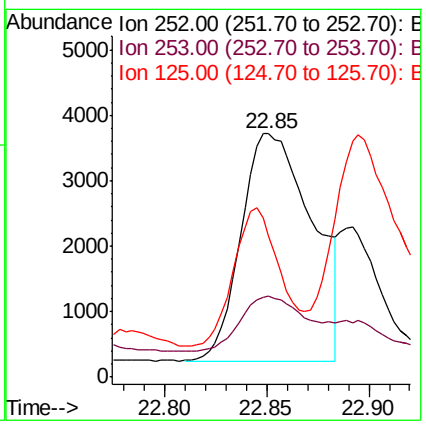
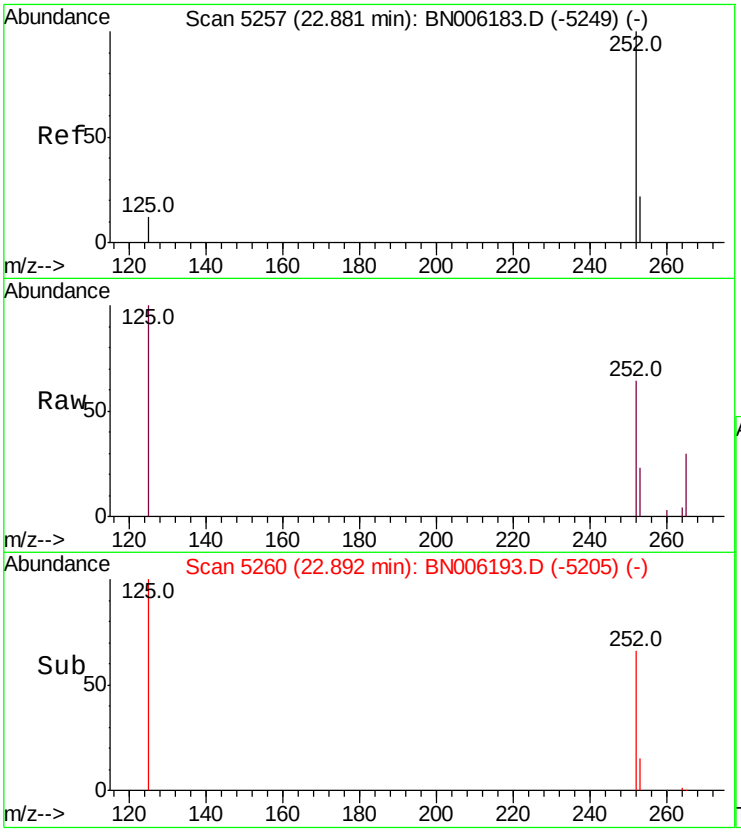


#21
Benzo(b)fluoranthene
Concen: 0.141 ng/ul m
RT: 22.85 min Scan# 5246
Delta R.T. 0.01 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:252 Resp: 8435

Ion	Ratio	Lower	Upper
252	100		
253	33.4	0.0	51.4
125	58.0	0.0	41.0#





#22
Benzo(k)fluoranthene
Concen: 0.057 ng/ul m
RT: 22.89 min Scan# 5260
Delta R.T. 0.01 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:252 Resp: 3338

Ion	Ratio	Lower	Upper
252	100		
253	36.4	20.3	30.5#
125	156.6	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
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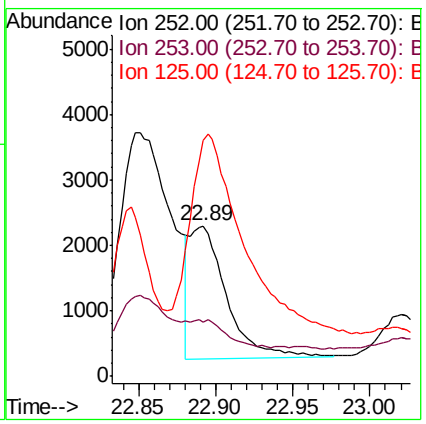
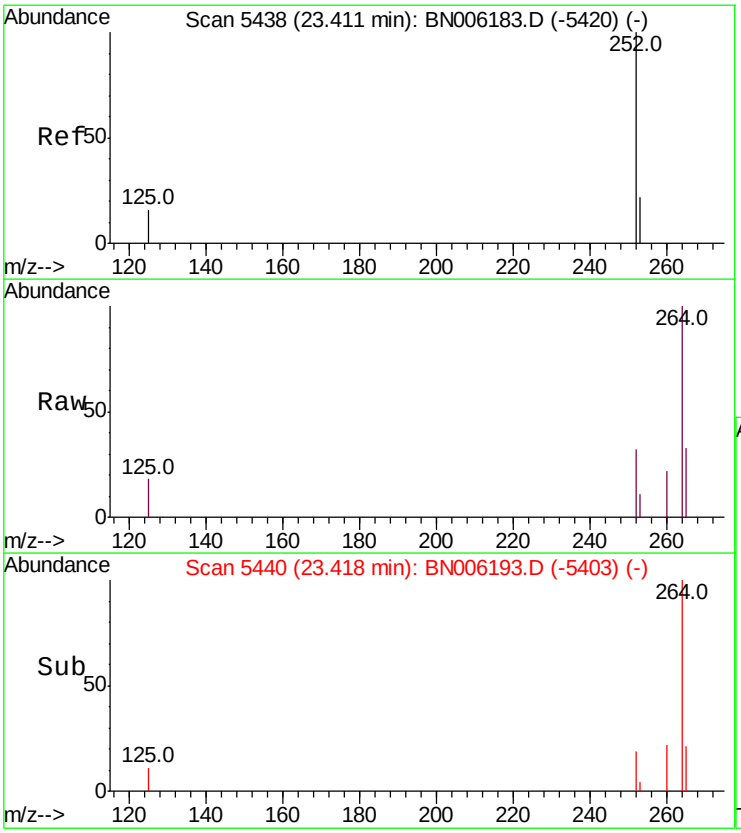
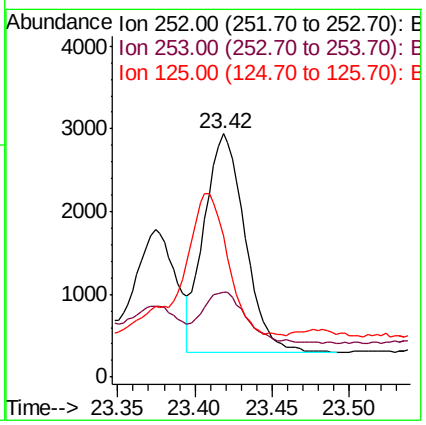


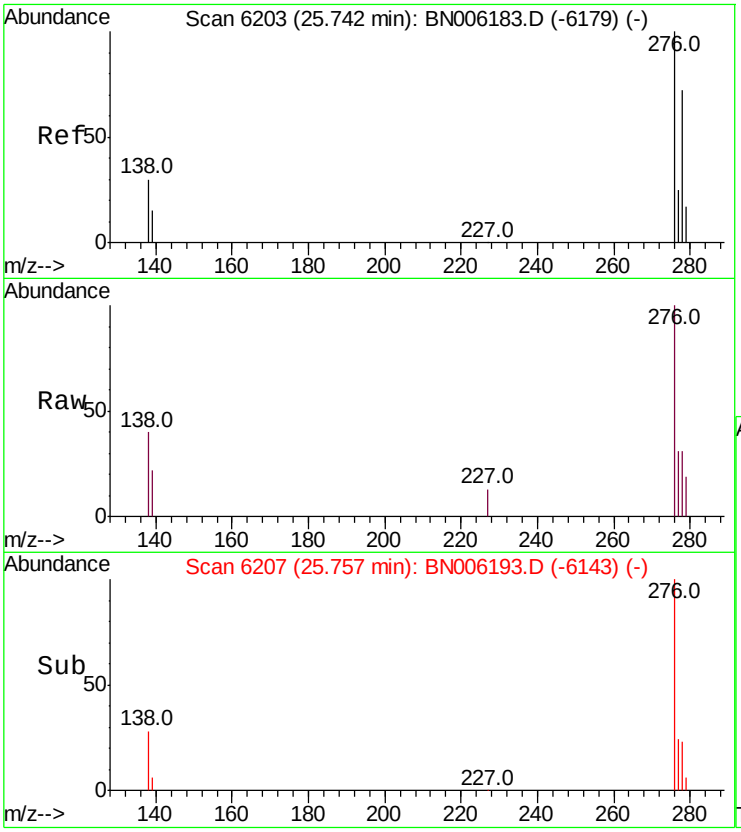


#23
Benzo(a)pyrene
Concen: 0.087 ng/ul
RT: 23.42 min Scan# 5440
Delta R.T. 0.01 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:252 Resp: 4862

Ion	Ratio	Lower	Upper
252	100		
253	35.1	21.1	31.7#
125	57.7	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.058 ng/ul
RT: 25.76 min Scan# 6207
Delta R.T. 0.02 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:276 Resp: 3469

Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.6	38.4
227	0.3	0.3	0.5

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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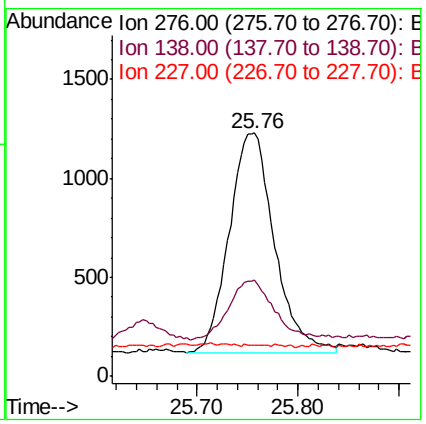
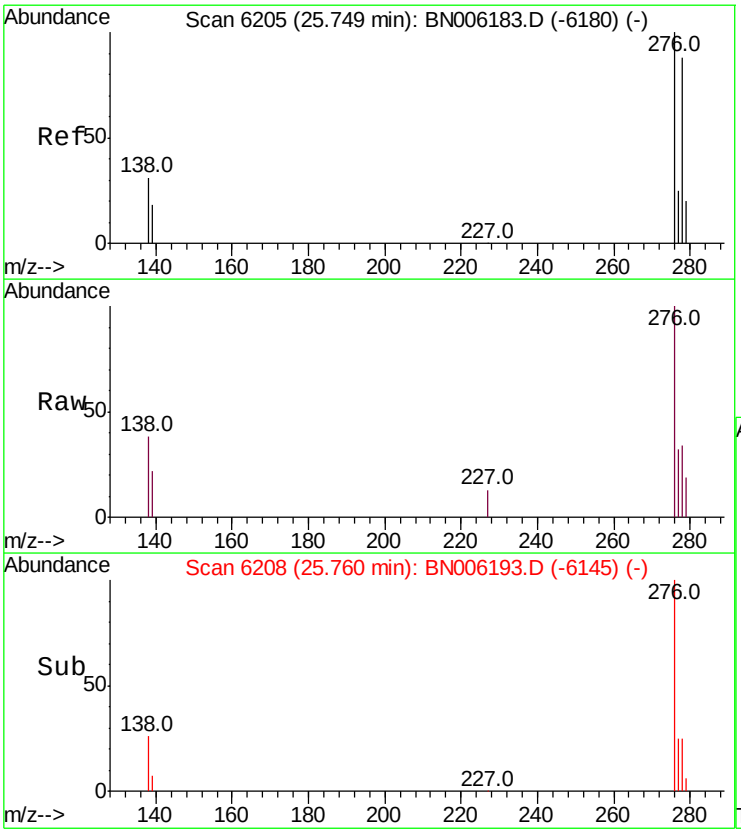
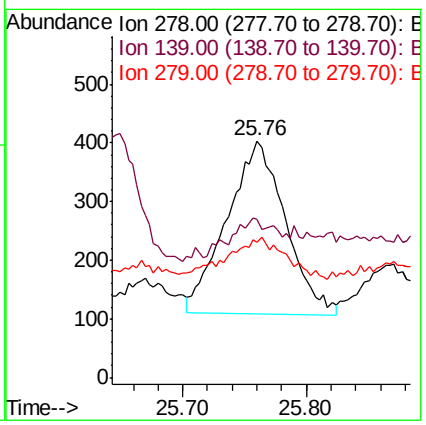


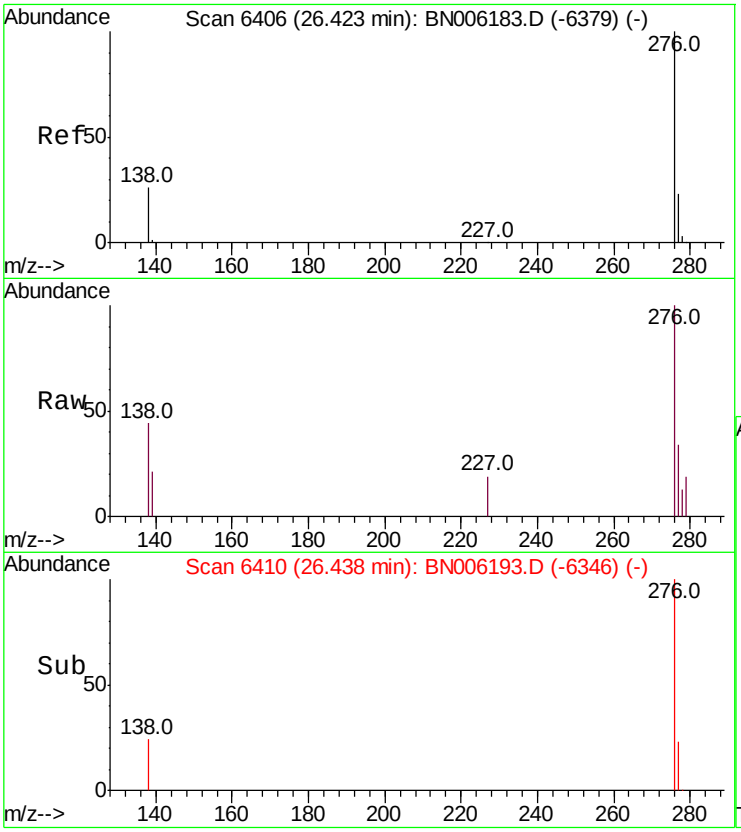


#25
Dibenzo(a,h)anthracene
Concen: 0.020 ng/ul
RT: 25.76 min Scan# 6208
Delta R.T. 0.01 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:278 Resp: 973

Ion	Ratio	Lower	Upper
278	100		
139	66.7	21.2	31.8#
279	57.1	22.6	33.8#

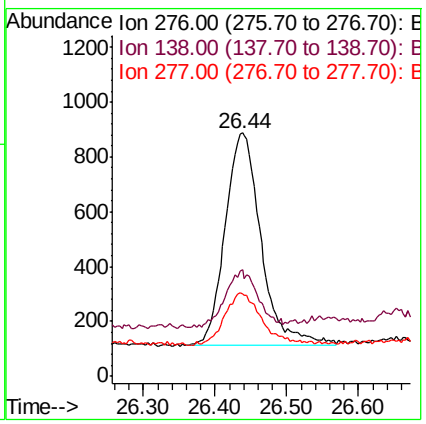




#26
Benzo(g,h,i)perylene
Concen: 0.054 ng/ul
RT: 26.44 min Scan# 6410
Delta R.T. 0.02 min
Lab File: BN006193.D
Acq: 08 Jun 2019 16:13

Tgt Ion:276 Resp: 2704

Ion	Ratio	Lower	Upper
276	100		
138	43.6	24.2	36.4#
277	33.8	21.5	32.3#



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