Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008286.D
Acq On : 21 Oct 2019 17:03
Operator : JU
Sample : K5178-04DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPE7DL

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Quant Time: Oct 22 00:09:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:03:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1804	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8229	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5260	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11240	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	11196	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9558	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	807	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	2887	0.07	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.94	152	998	0.040	ng/ul#	85
12) Phenanthrene	17.01	178	7563	0.230	ng/ul	98
13) Anthracene	17.11	178	1813	0.063	ng/ul#	90
15) Fluoranthene	19.04	202	21089	0.485	ng/ul	99
17) Pyrene	19.40	202	22262	0.499	ng/ul	98
18) Benzo(a)anthracene	21.17	228	12608	0.310	ng/ul	95
19) Chrysene	21.22	228	13123	0.263	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	16538m	0.532	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	5110m	0.145	ng/ul	
23) Benzo(a)pyrene	23.26	252	10756	0.329	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.51	276	6719	0.174	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.51	278	1446	0.047	ng/ul#	58
26) Benzo(g,h,i)perylene	26.17	276	7096	0.201	ng/ul	95

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

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Instrument :
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ClientSampleId :
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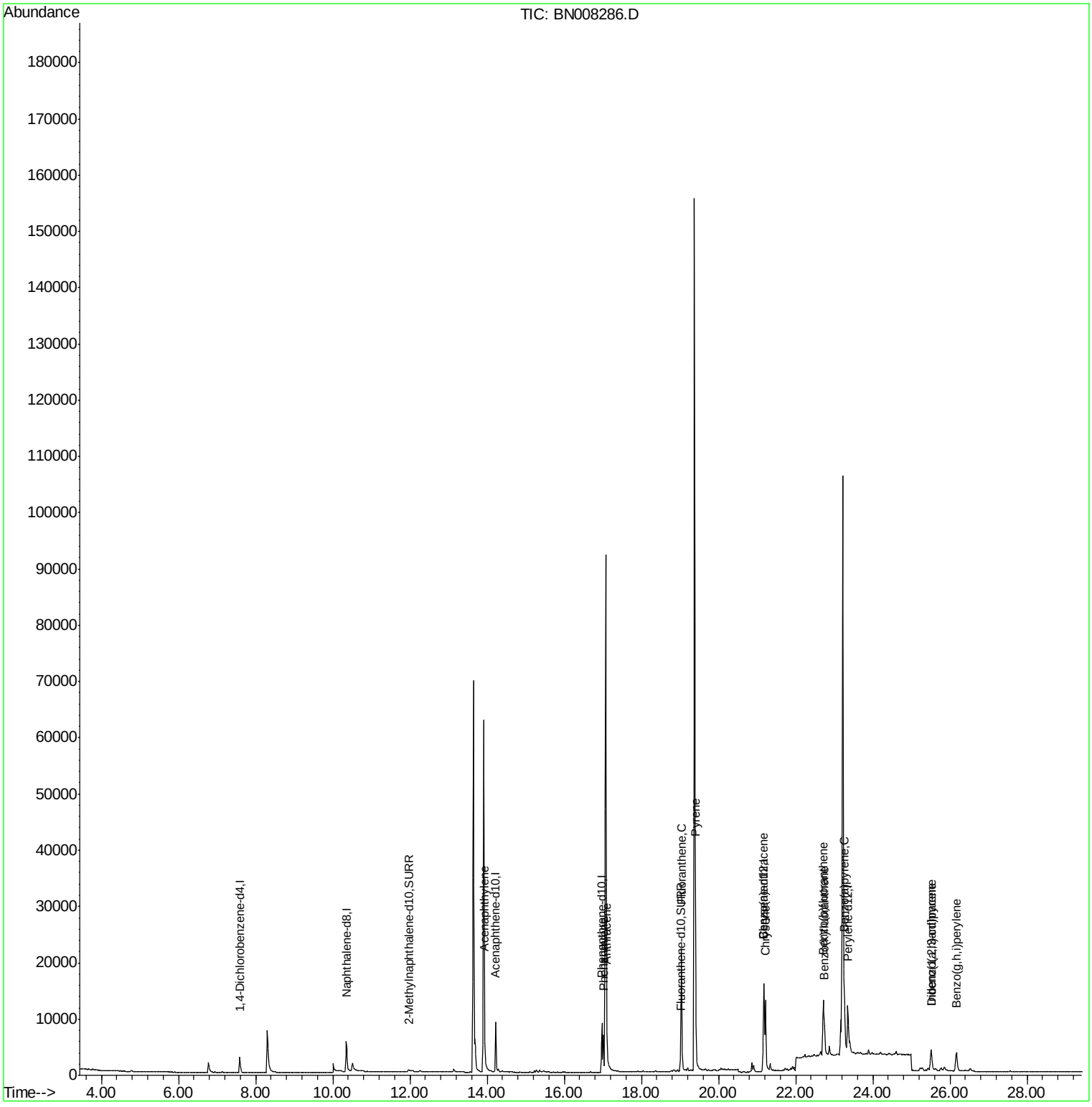

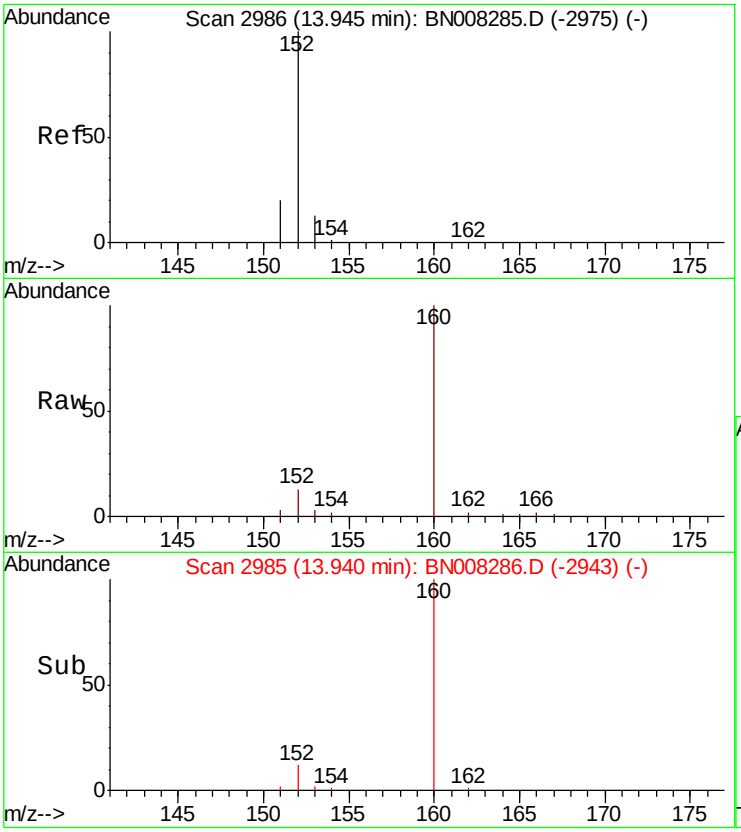

#7
Acenaphthylene
Concen: 0.040 ng/ul
RT: 13.94 min Scan# 2985
Delta R.T. -0.00 min
Lab File: BN008286.D
Acq: 21 Oct 2019 17:03

Tgt Ion:152 Resp: 998

Ion	Ratio	Lower	Upper
152	100		
151	25.8	16.2	24.4#
153	21.8	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
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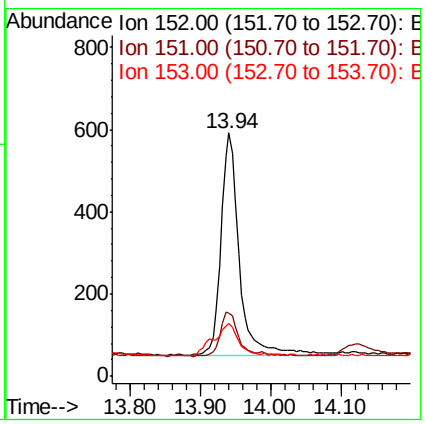
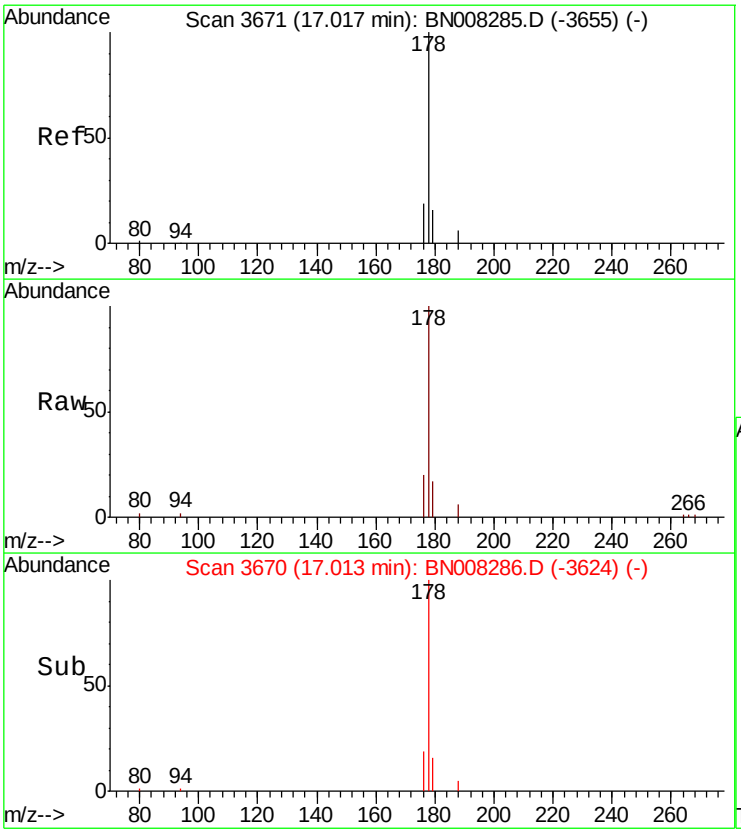
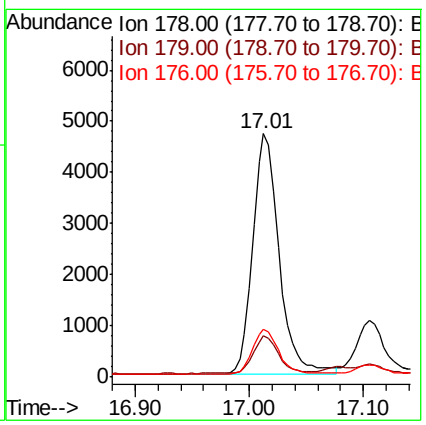


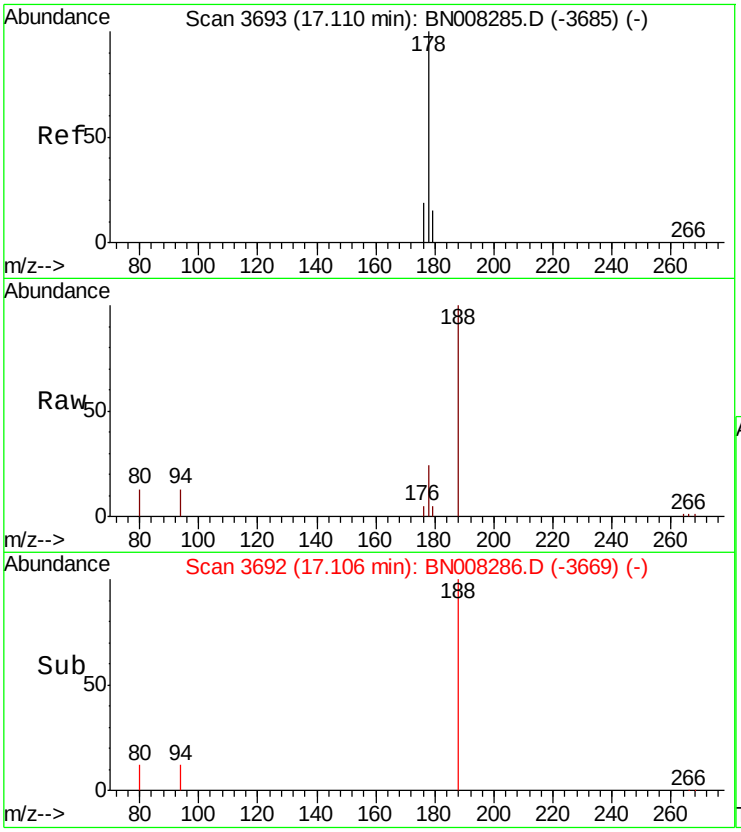


#12
Phenanthrene
Concen: 0.230 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008286.D
Acq: 21 Oct 2019 17:03

Tgt Ion:178 Resp: 7563

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.8	19.2
176	19.8	15.4	23.2





#13
Anthracene
Concen: 0.063 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BN008286.D
Acq: 21 Oct 2019 17:03

Tgt Ion:178 Resp: 1813

Ion	Ratio	Lower	Upper
178	100		
179	22.2	13.0	19.6#
176	21.8	15.0	22.6

Instrument :
BNA_N
ClientSampleId :
BEPE7DL

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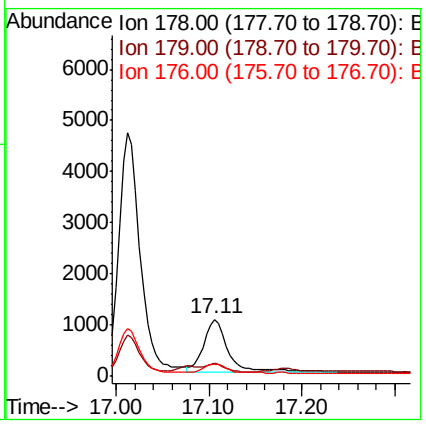
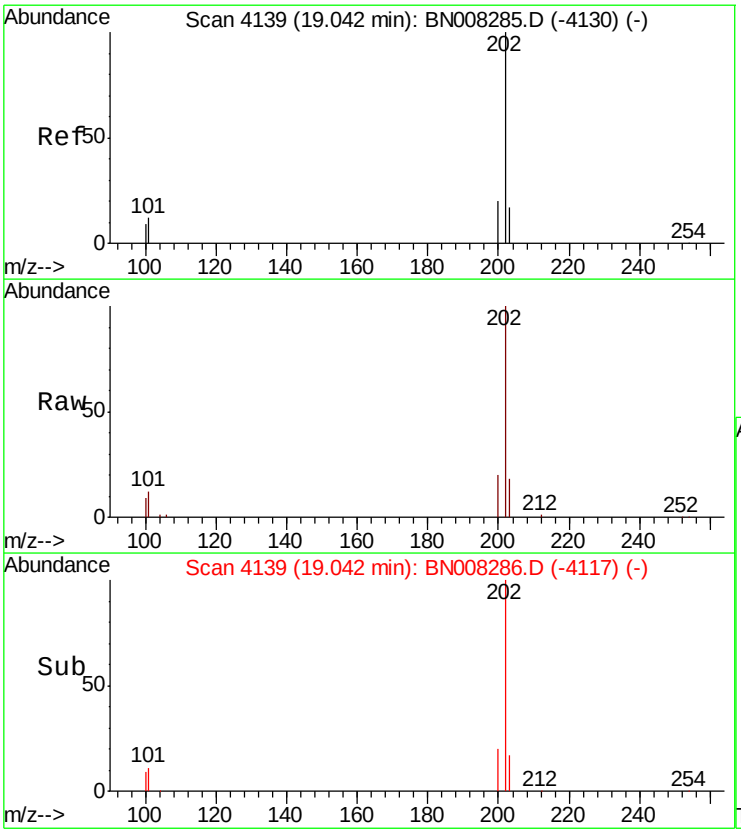
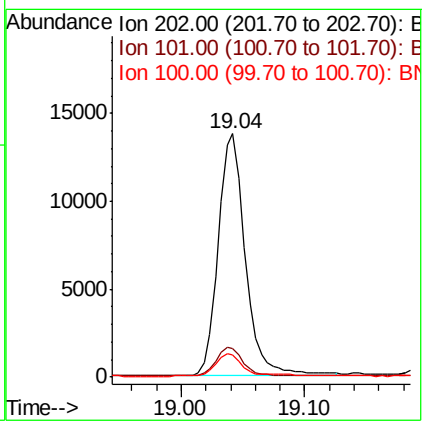


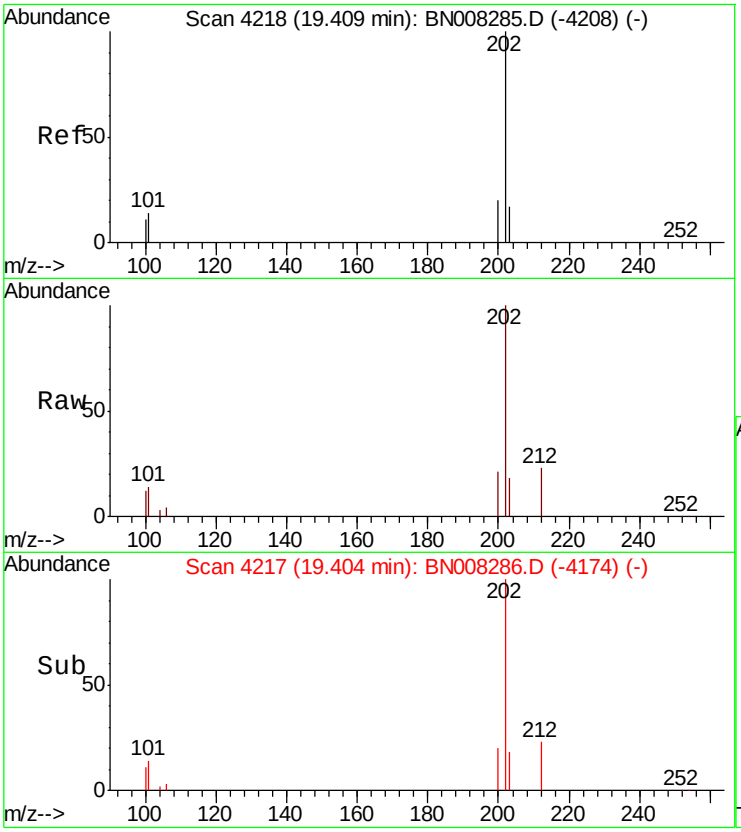


#15
Fluoranthene
Concen: 0.485 ng/ul
RT: 19.04 min Scan# 4139
Delta R.T. 0.00 min
Lab File: BN008286.D
Acq: 21 Oct 2019 17:03

Tgt Ion:202 Resp: 21089

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.2
100	8.9	0.0	28.5

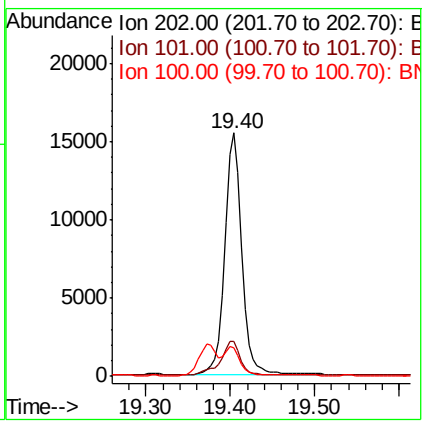




#17
Pyrene
Concen: 0.499 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. 0.00 min
Lab File: BN008286.D
Acq: 21 Oct 2019 17:03

Tgt Ion:202 Resp: 22262

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.9	16.3
100	11.5	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
BEPE7DL

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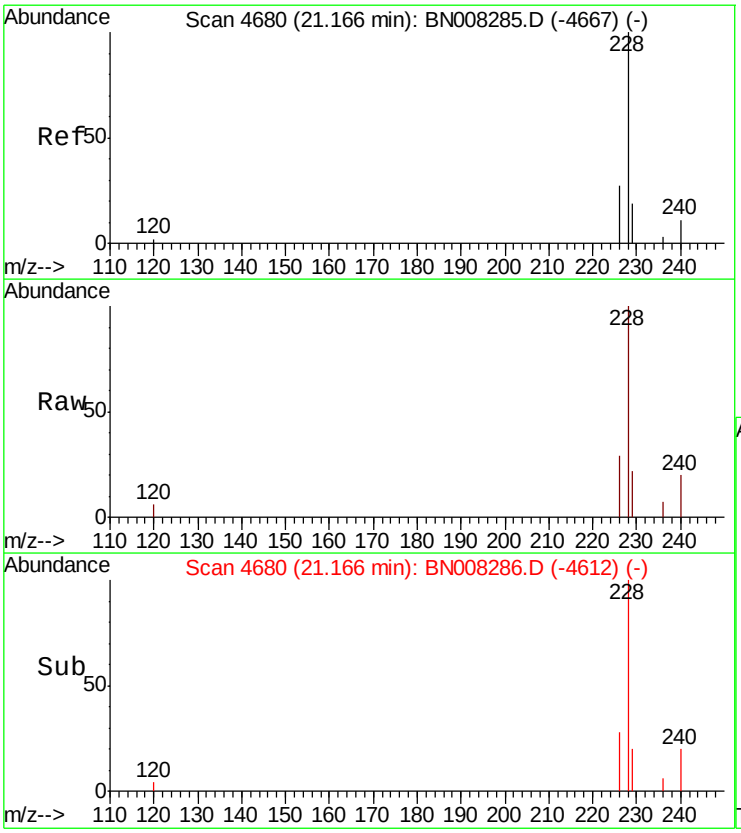
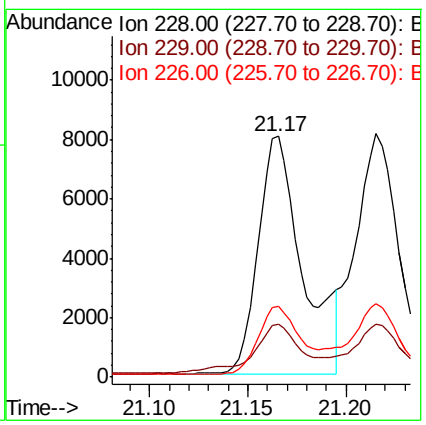
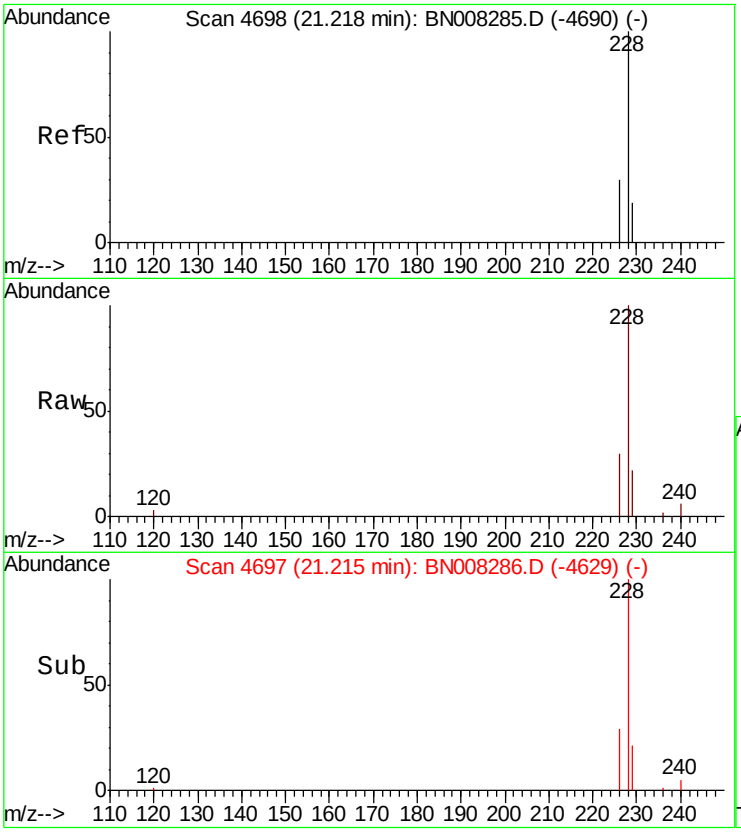


#18
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. 0.00 min
Lab File: BN008286.D
Acq: 21 Oct 2019 17:03

Tgt Ion:228 Resp: 12608

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.2	24.2
226	29.3	21.4	32.0

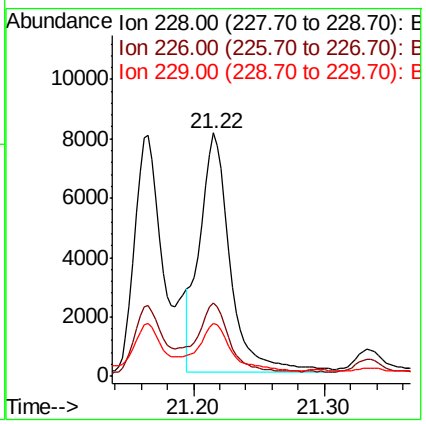




#19
Chrysene
Concen: 0.263 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. 0.00 min
Lab File: BN008286.D
Acq: 21 Oct 2019 17:03

Tgt Ion:228 Resp: 13123

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	21.9	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
BEPE7DL

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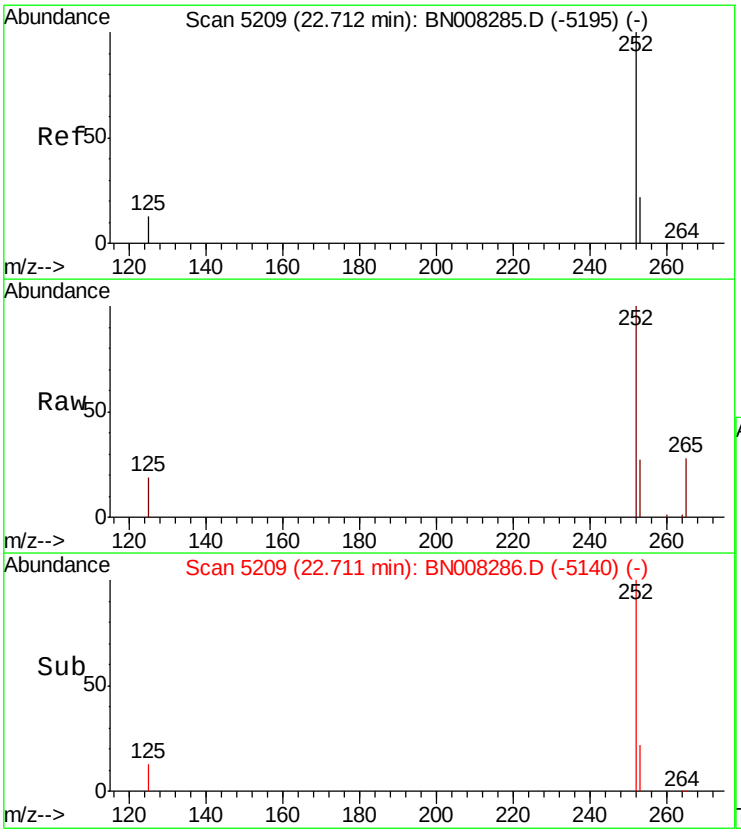
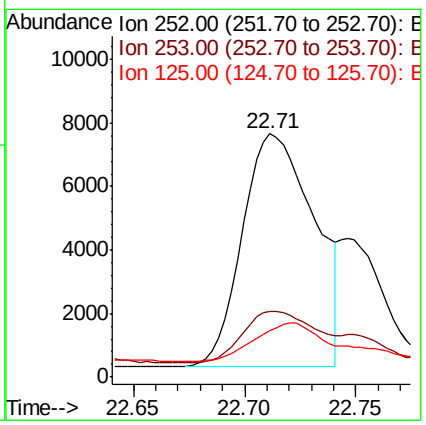
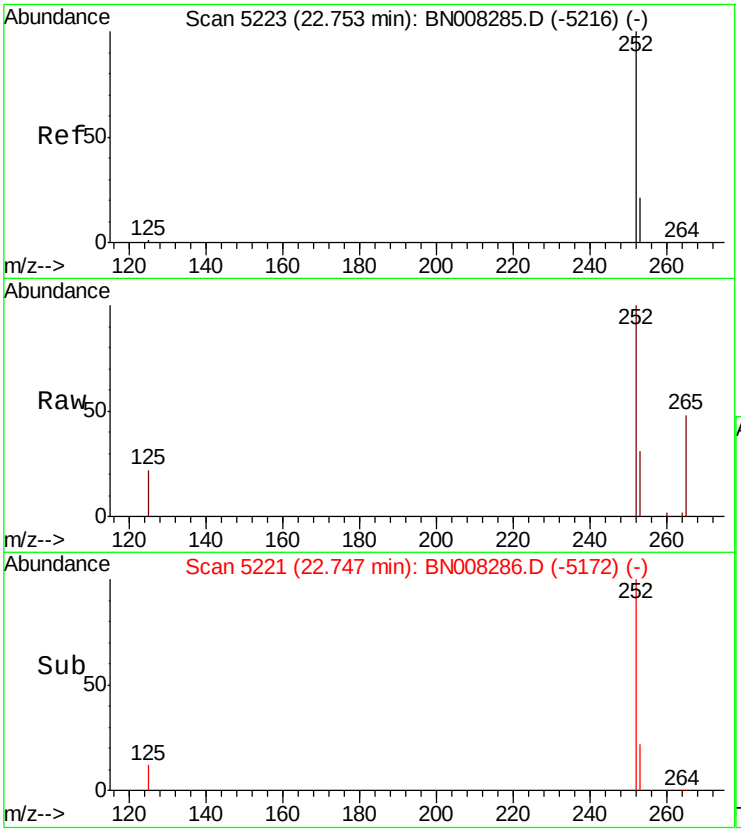


#21
Benzo(b)fluoranthene
Concen: 0.532 ng/ul m
RT: 22.71 min Scan# 5209
Delta R.T. 0.00 min
Lab File: BN008286.D
Acq: 21 Oct 2019 17:03

Tgt Ion:252 Resp: 16538

Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	53.4
125	19.0	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 0.145 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008286.D
Acq: 21 Oct 2019 17:03

Tgt Ion:252 Resp: 5110

Ion	Ratio	Lower	Upper
252	100		
253	30.9	21.3	31.9
125	22.1	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
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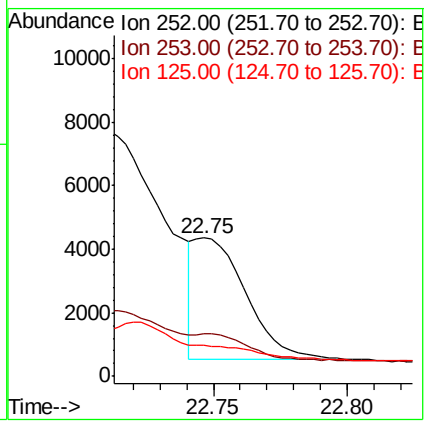
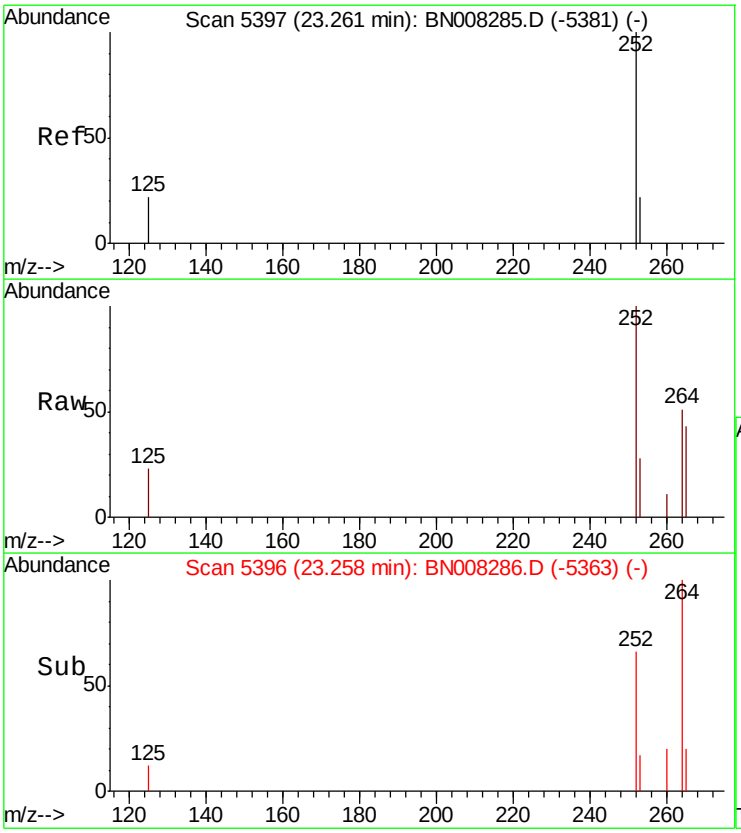
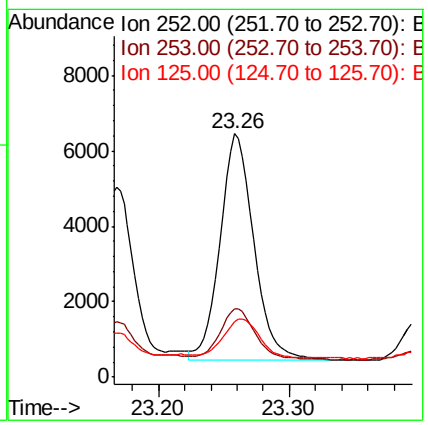


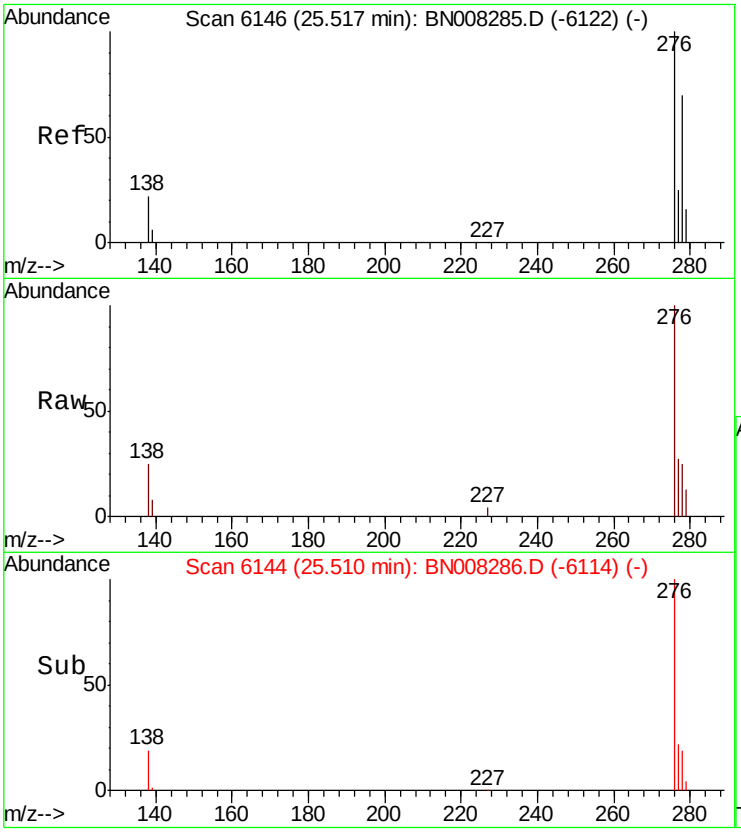


#23
Benzo(a)pyrene
Concen: 0.329 ng/ul
RT: 23.26 min Scan# 5396
Delta R.T. -0.00 min
Lab File: BN008286.D
Acq: 21 Oct 2019 17:03

Tgt Ion:252 Resp: 10756

Ion	Ratio	Lower	Upper
252	100		
253	28.3	22.8	34.2
125	22.8	18.4	27.6





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.174 ng/ul
RT: 25.51 min Scan# 6144
Delta R.T. 0.00 min
Lab File: BN008286.D
Acq: 21 Oct 2019 17:03

Tgt Ion:276 Resp: 6719

Ion	Ratio	Lower	Upper
276	100		
138	22.6	16.1	24.1
227	0.1	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
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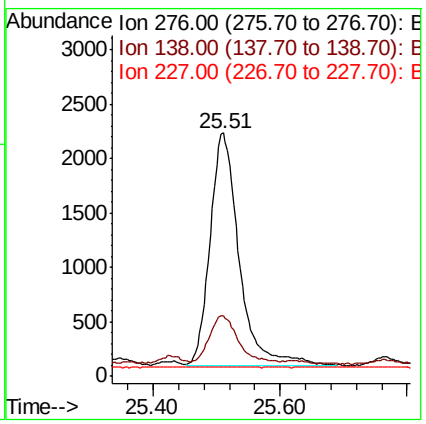
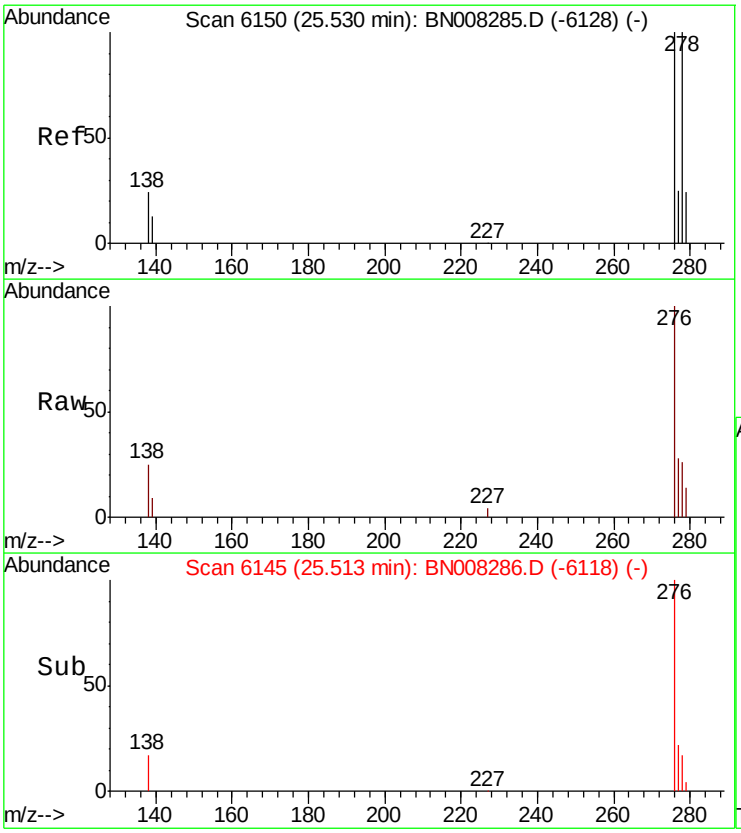
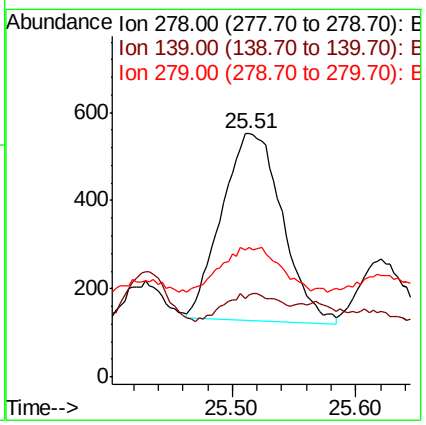


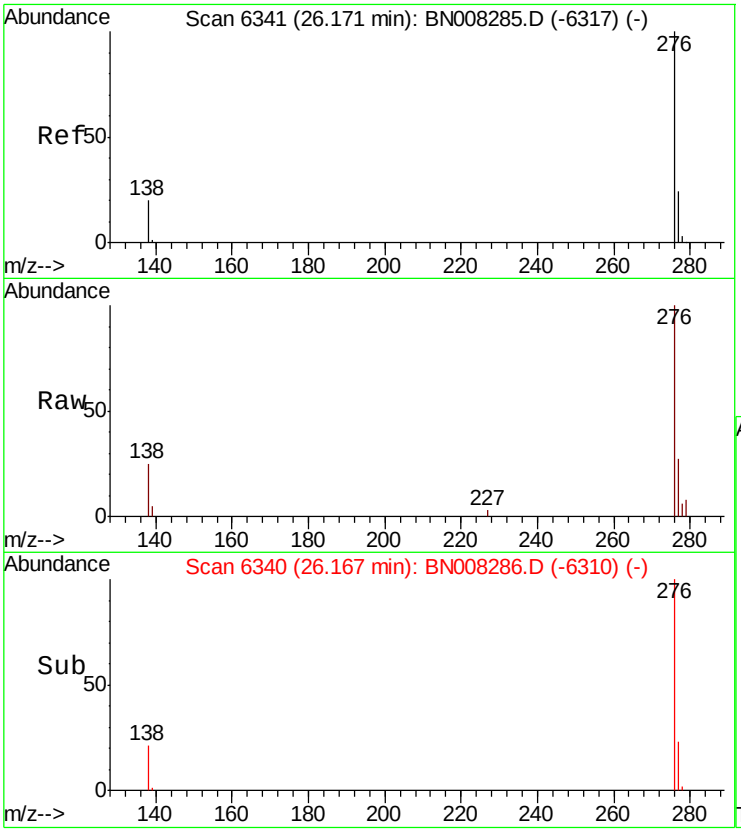


#25
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.01 min
Lab File: BN008286.D
Acq: 21 Oct 2019 17:03

Tgt Ion:278 Resp: 1446

Ion	Ratio	Lower	Upper
278	100		
139	33.9	15.0	22.6#
279	53.1	22.4	33.6#

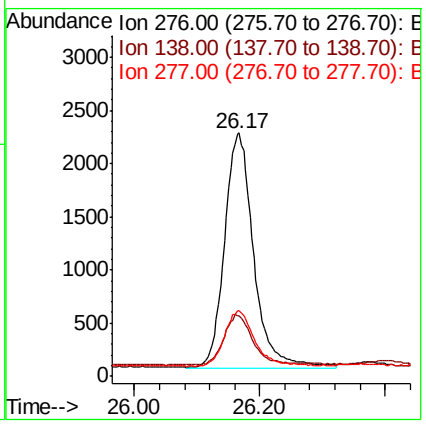




#26
Benzo(g,h,i)perylene
Concen: 0.201 ng/ul
RT: 26.17 min Scan# 6340
Delta R.T. 0.00 min
Lab File: BN008286.D
Acq: 21 Oct 2019 17:03

Tgt Ion:276 Resp: 7096

Ion	Ratio	Lower	Upper
276	100		
138	24.7	17.0	25.4
277	26.8	20.4	30.6



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