Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001062.D
Acq On : 02 May 2018 10:15
Operator : JU/SJ
Sample : J2527-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS82

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Quant Time: May 03 07:45:47 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 07:35:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	114754	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	475594	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	228072	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	425693	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	384881	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	414728	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	633480	28.92	ng/ul	0.00
10) Fluorene-d10	15.25	176	426265	29.16	ng/ul	0.00
14) Anthracene-d10	17.10	188	593216	30.47	ng/ul	0.00
18) Pyrene-d10	19.41	212	589846	29.91	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	648288	33.09	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	13.97	152	21879	1.009	ng/ul	98
13) Phenanthrene	17.05	178	98876	4.259	ng/ul	99
15) Anthracene	17.14	178	26421	1.135	ng/ul	98
16) Fluoranthene	19.07	202	197586	8.388	ng/ul#	94
19) Pyrene	19.44	202	188265	7.615	ng/ul#	90
20) Benzo(a)anthracene	21.20	228	113367m	4.927	ng/ul	
21) Chrysene	21.25	228	126641m	5.856	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	190807m	8.096	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	51746m	2.244	ng/ul	
26) Benzo(a)pyrene	23.32	252	112595	4.999	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.59	276	85930	3.158	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.60	278	23569	1.039	ng/ul#	82
29) Benzo(g,h,i)perylene	26.26	276	85372	3.752	ng/ul#	94

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

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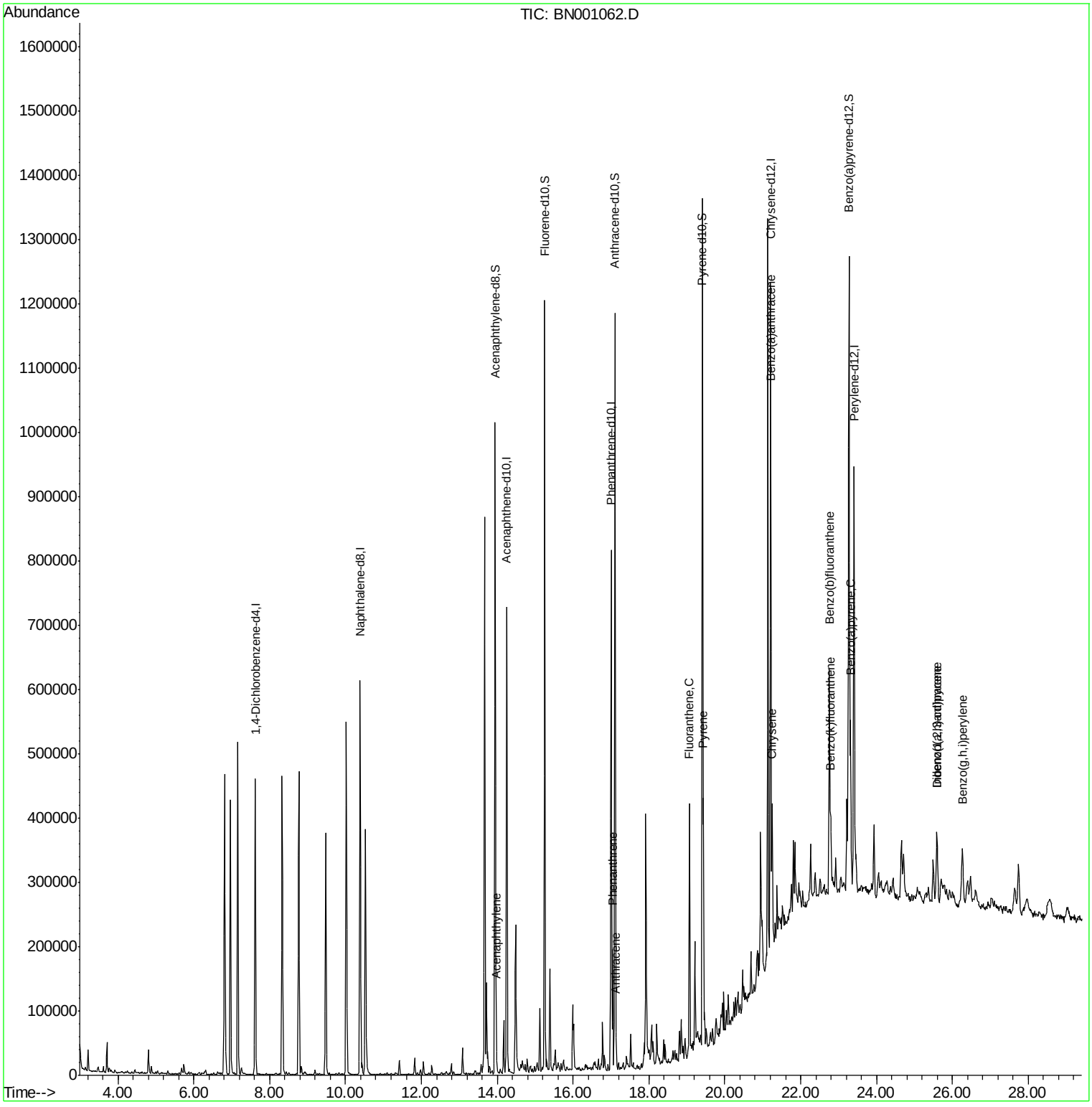
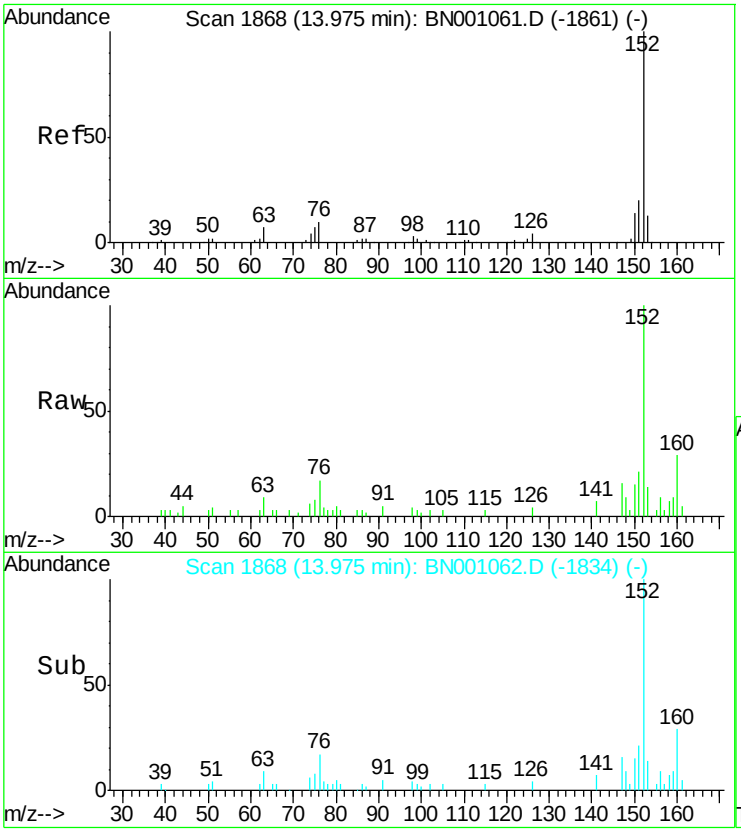
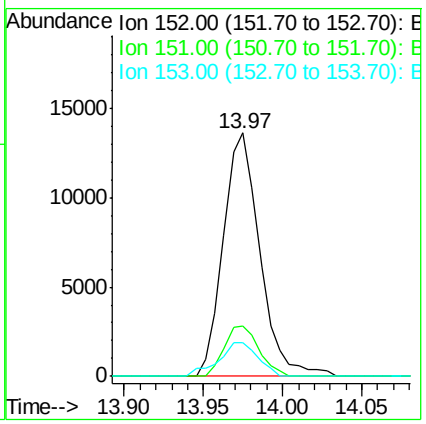




#8
Acenaphthylene
Concen: 1.009 ng/ul
RT: 13.97 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BN001062.D
Acq: 02 May 2018 10:15

Tgt Ion:152 Resp: 21879

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1
153	13.8	10.2	15.4



Instrument :
BNA_N
ClientSampleId :
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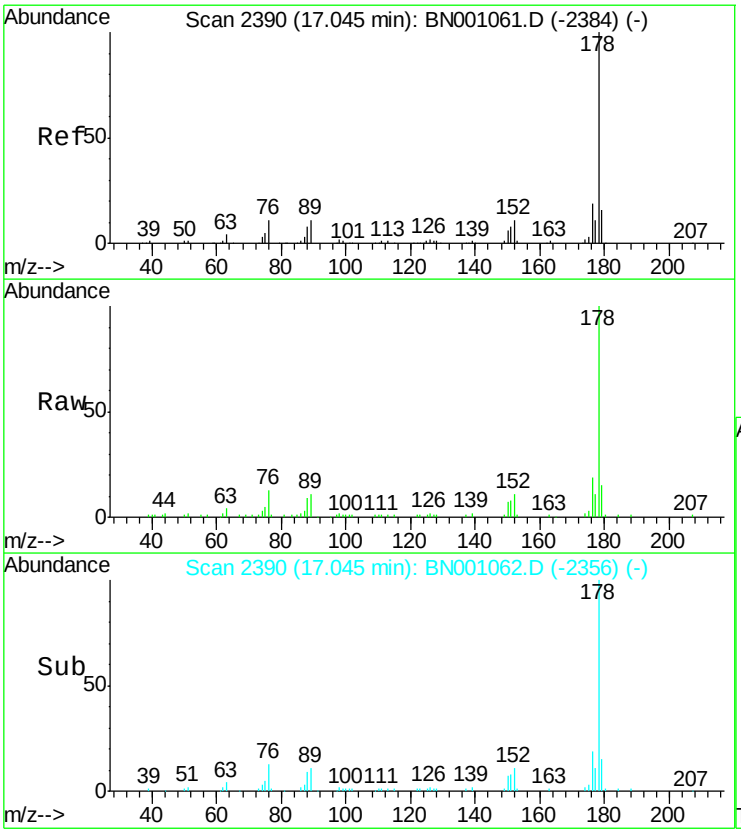
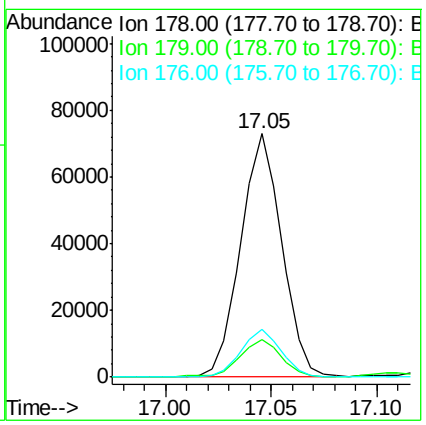
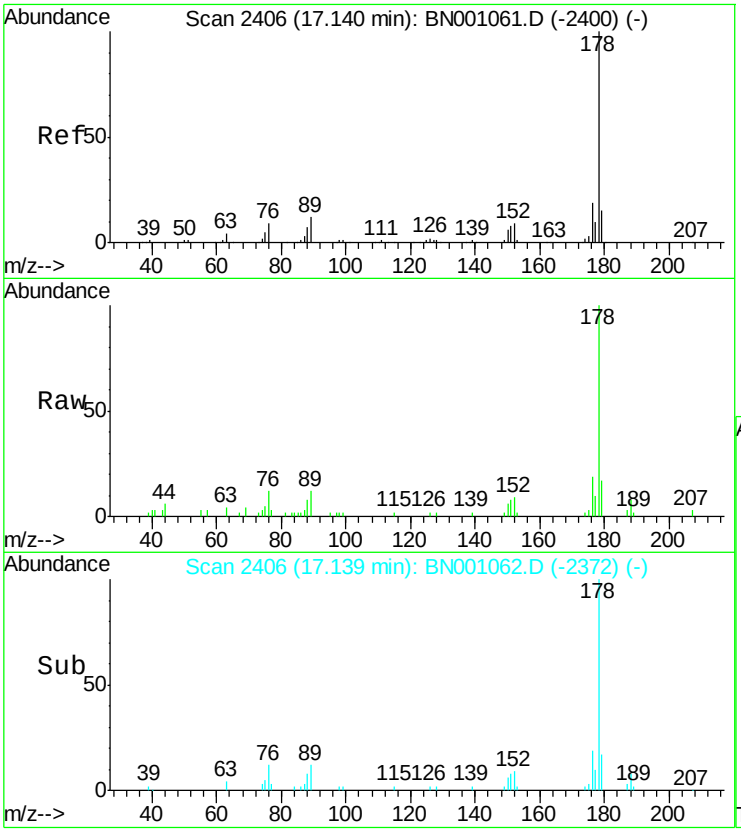


#13
Phenanthrene
Concen: 4.259 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BN001062.D
Acq: 02 May 2018 10:15

Tgt Ion:178 Resp: 98876

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.4	15.1	22.7

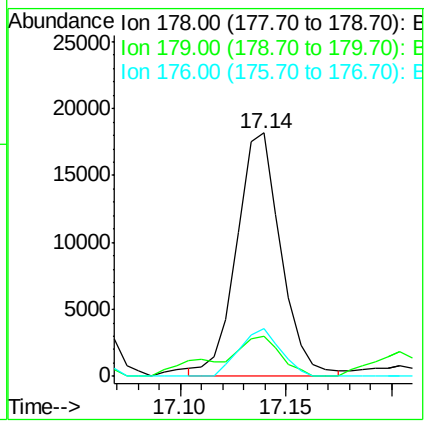




#15
Anthracene
Concen: 1.135 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BN001062.D
Acq: 02 May 2018 10:15

Tgt Ion:178 Resp: 26421

Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.8	17.8
176	19.4	15.2	22.8



Instrument :
BNA_N
ClientSampleId :
DAS82

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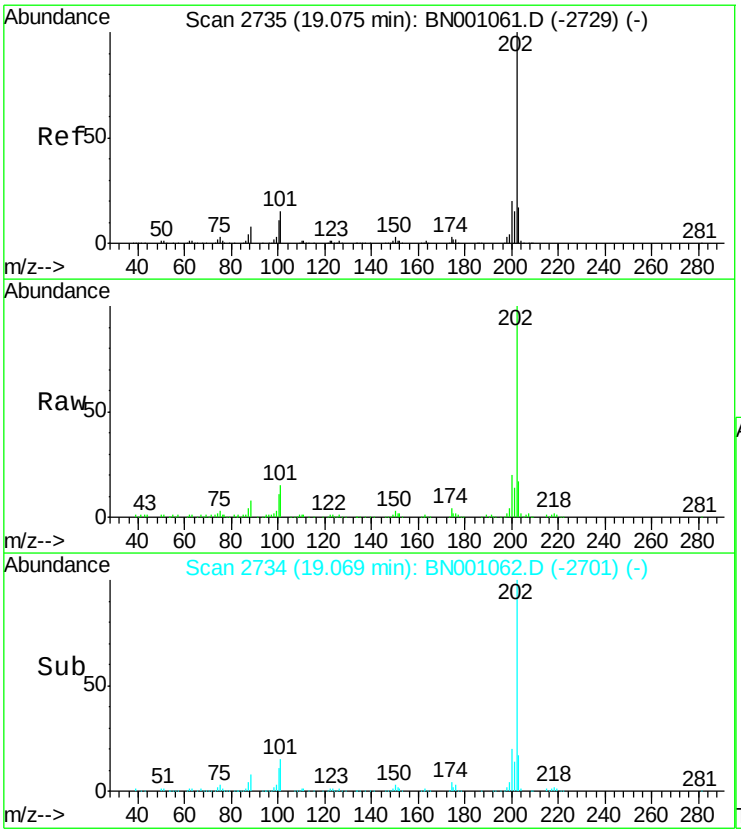
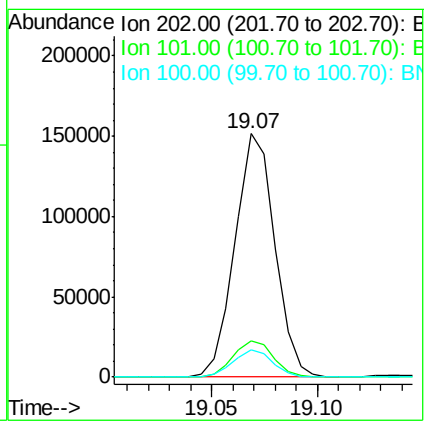
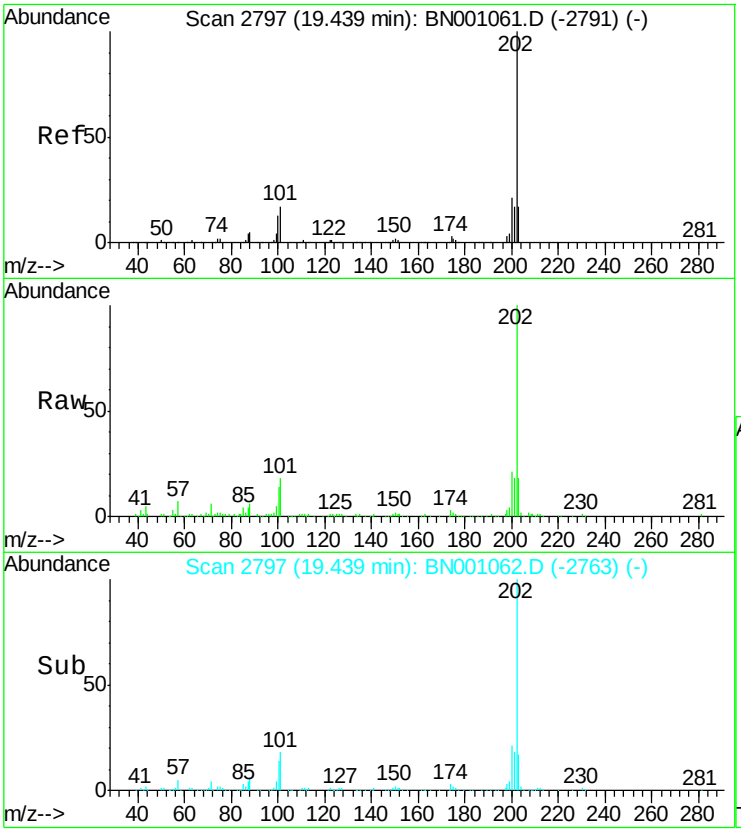


#16
Fluoranthene
Concen: 8.388 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BN001062.D
Acq: 02 May 2018 10:15

Tgt Ion:202 Resp: 197586

Ion	Ratio	Lower	Upper
202	100		
101	15.1	9.9	14.9#
100	11.3	7.4	11.0#





#19
Pyrene
Concen: 7.615 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BN001062.D
Acq: 02 May 2018 10:15

Tgt Ion:202 Resp: 188265

Ion	Ratio	Lower	Upper
202	100		
101	17.7	11.0	16.4#
100	14.1	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DAS82

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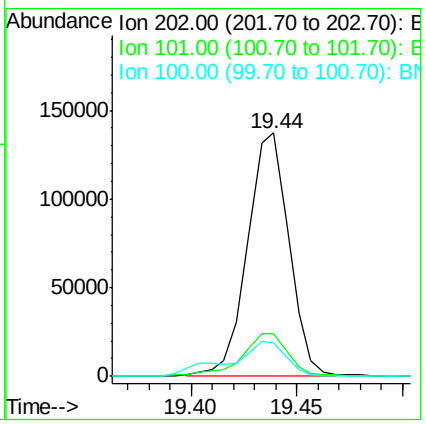
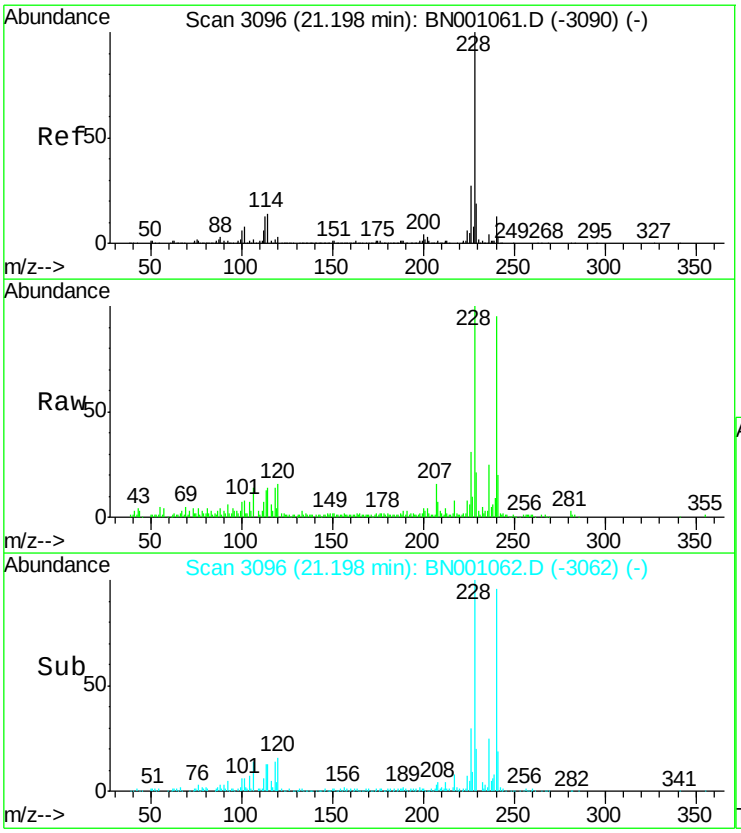
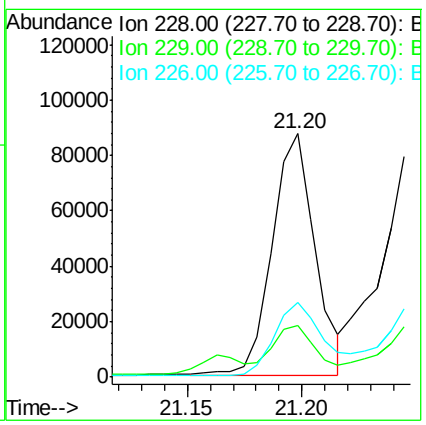


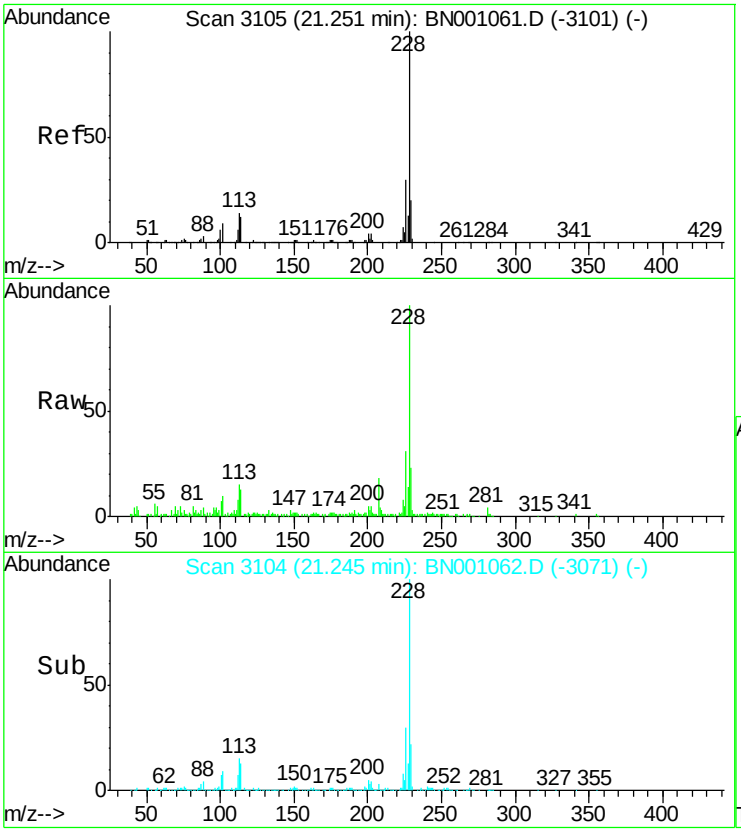


#20
Benzo(a)anthracene
Concen: 4.927 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN001062.D
Acq: 02 May 2018 10:15

Tgt Ion:228 Resp: 113367

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	30.8	21.1	31.7

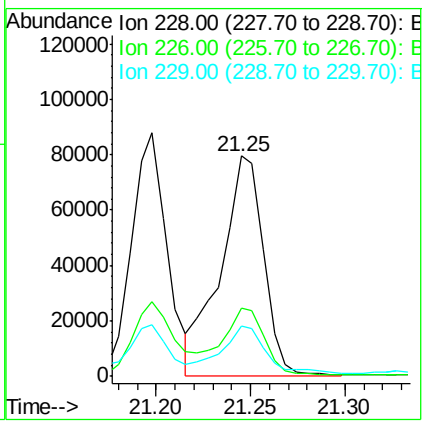




#21
Chrysene
Concen: 5.856 ng/ul m
RT: 21.25 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN001062.D
Acq: 02 May 2018 10:15

Tgt Ion:228 Resp: 126641

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.5	36.7
229	22.7	15.8	23.8



Instrument :
BNA_N
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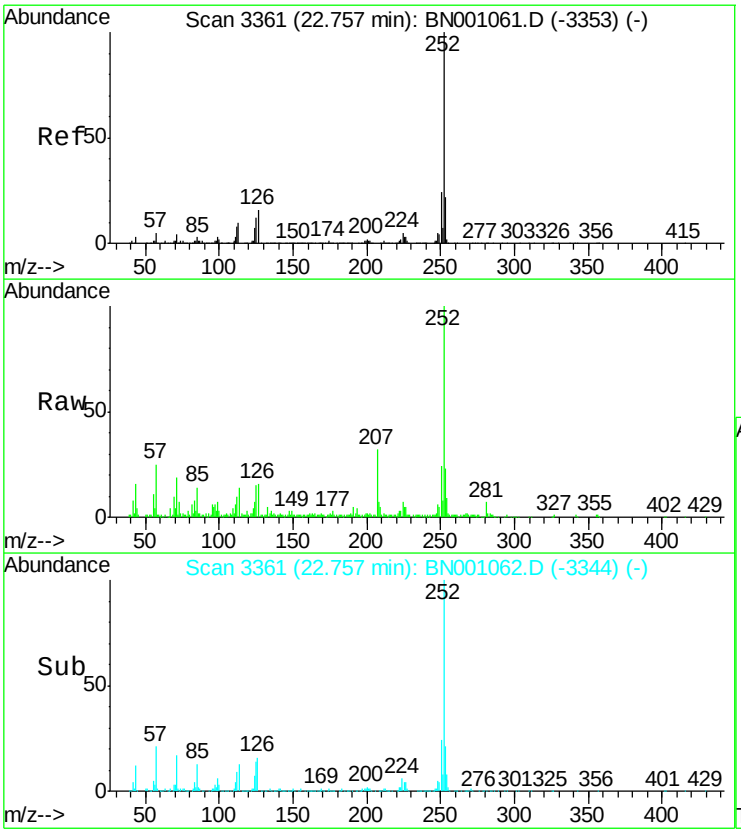
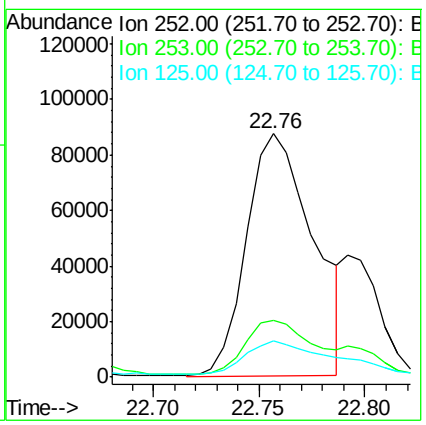
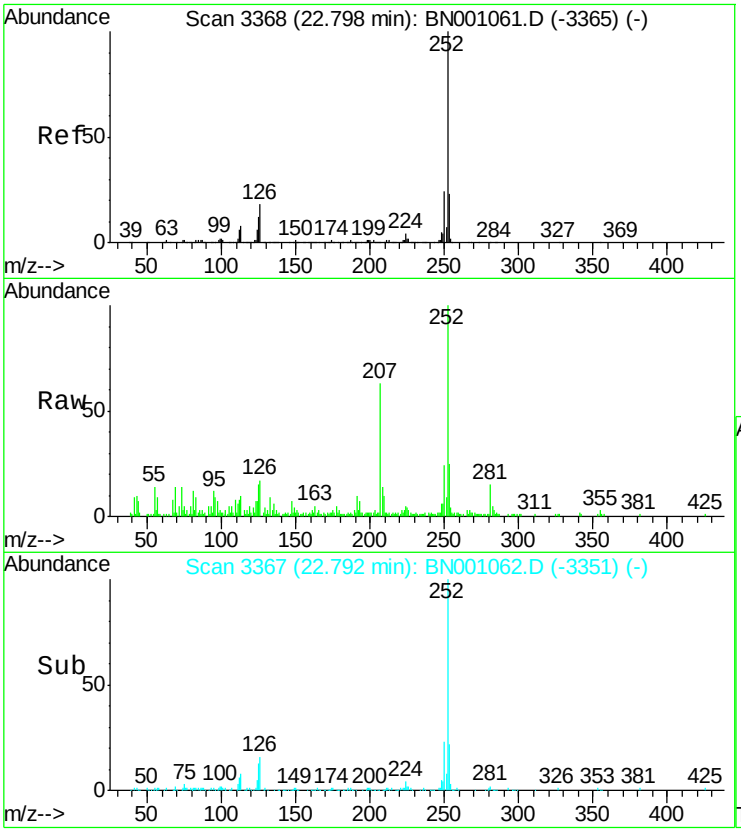


#23
Benzo(b)fluoranthene
Concen: 8.096 ng/ul m
RT: 22.76 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BN001062.D
Acq: 02 May 2018 10:15

Tgt Ion:252 Resp: 190807

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	15.1	8.0	12.0#





#24
Benzo(k)fluoranthene
Concen: 2.244 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BN001062.D
Acq: 02 May 2018 10:15

Tgt Ion:252 Resp: 51746

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	15.1	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DAS82

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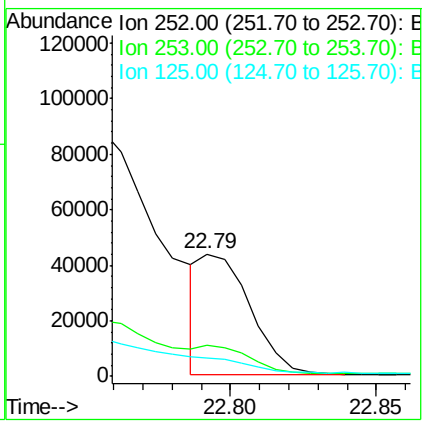
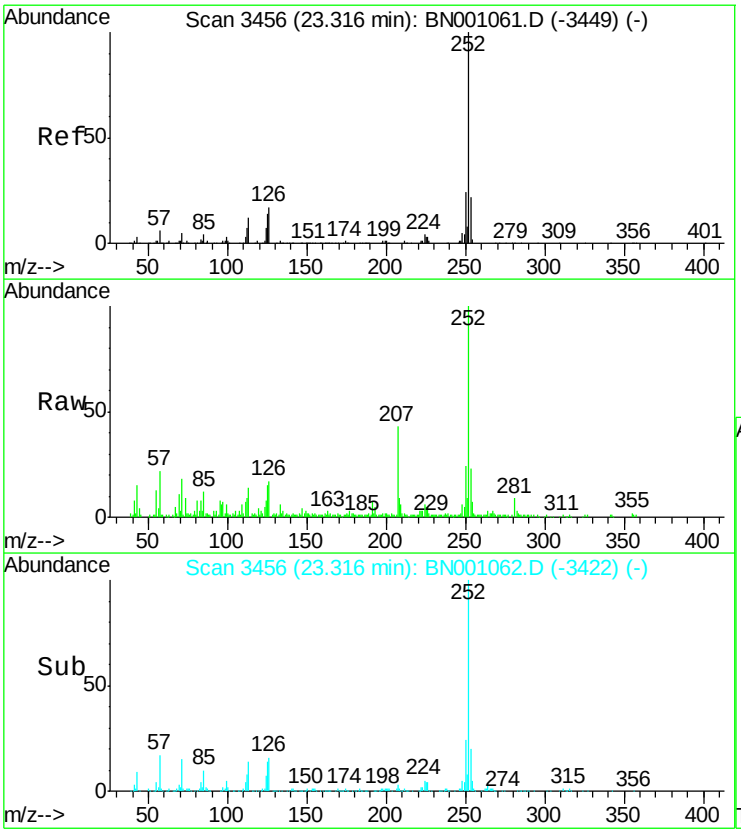
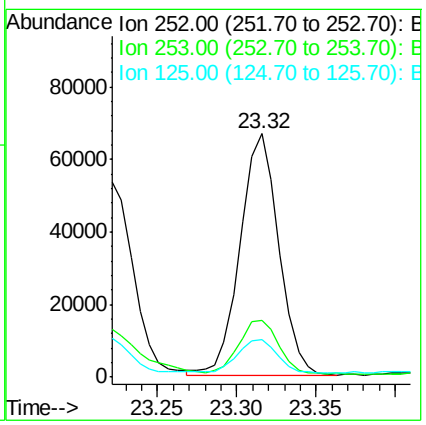


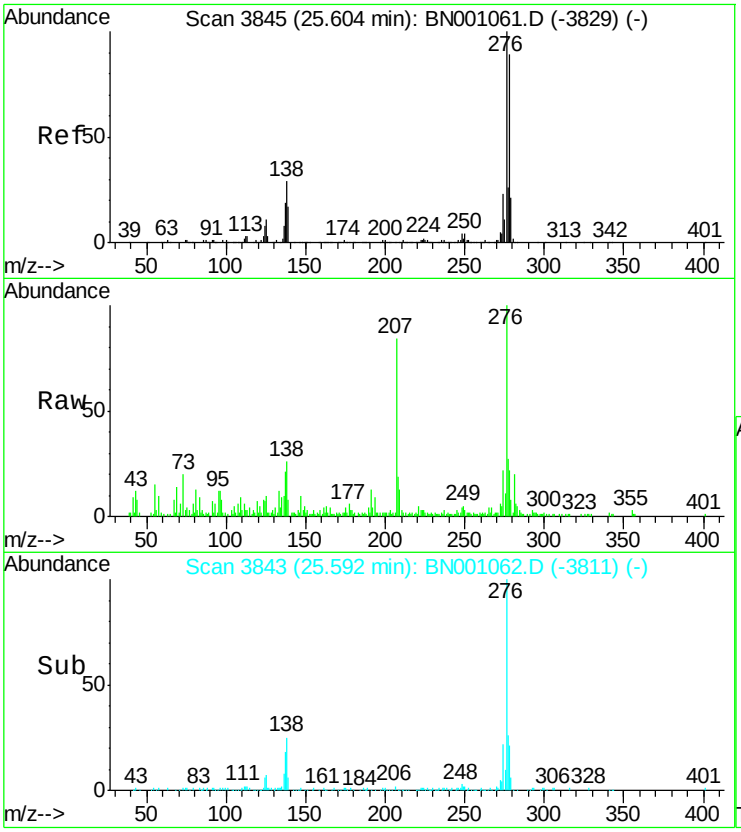


#26
Benzo(a)pyrene
Concen: 4.999 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BN001062.D
Acq: 02 May 2018 10:15

Tgt Ion:252 Resp: 112595

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	15.4	8.2	12.4#

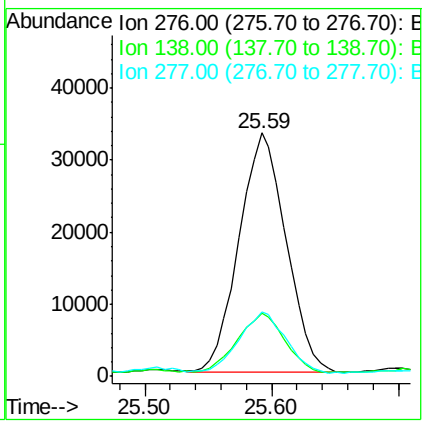




#27
Indeno(1,2,3-cd)pyrene
Concen: 3.158 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BN001062.D
Acq: 02 May 2018 10:15

Tgt Ion:276 Resp: 85930

Ion	Ratio	Lower	Upper
276	100		
138	26.1	14.4	21.6#
277	26.7	18.0	27.0



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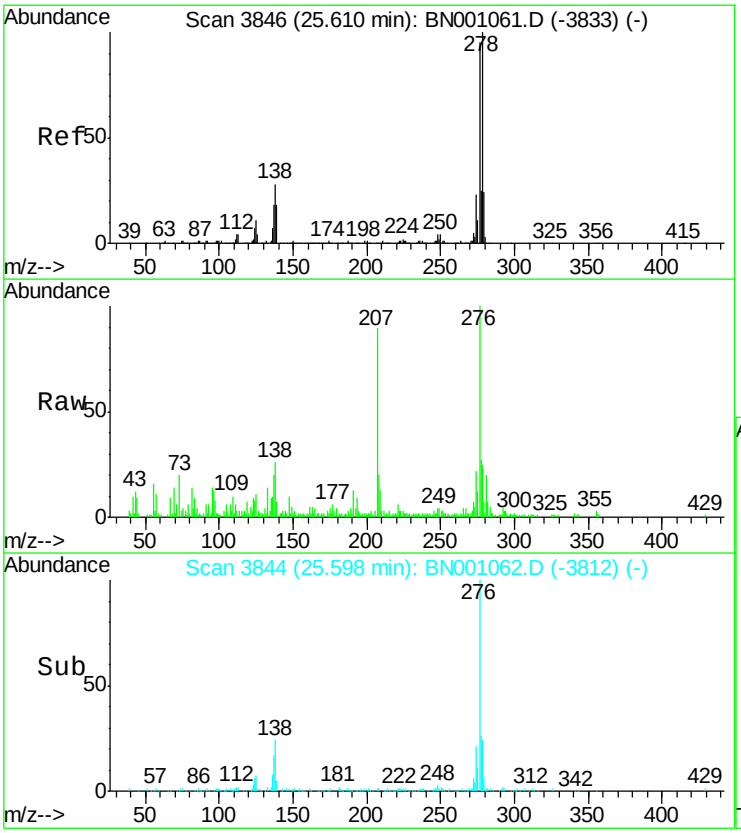
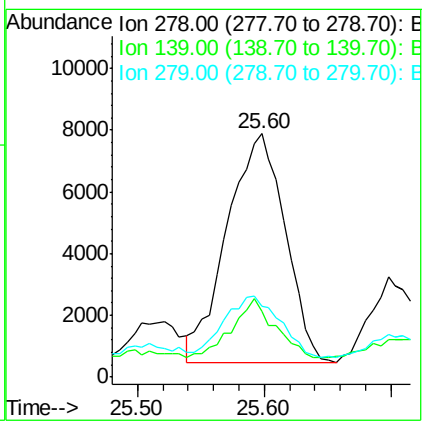
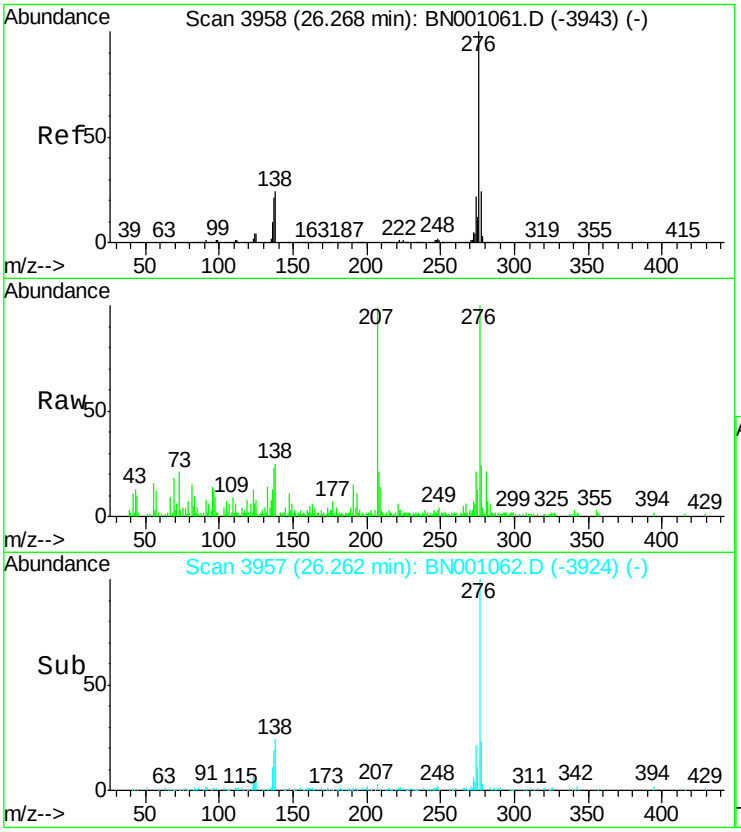


#28
Dibenzo(a,h)anthracene
Concen: 1.039 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN001062.D
Acq: 02 May 2018 10:15

Tgt Ion:278 Resp: 23569

Ion	Ratio	Lower	Upper
278	100		
139	27.2	12.2	18.4#
279	29.2	19.2	28.8#

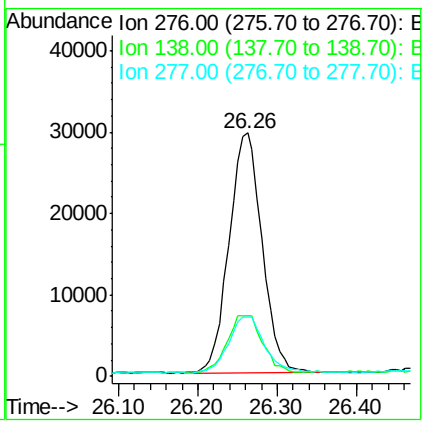




#29
Benzo(g,h,i)perylene
Concen: 3.752 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. -0.01 min
Lab File: BN001062.D
Acq: 02 May 2018 10:15

Tgt Ion:276 Resp: 85372

Ion	Ratio	Lower	Upper
276	100		
138	24.8	15.3	22.9#
277	24.1	19.0	28.4



Instrument :
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ClientSampleId :
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