Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001075.D
Acq On : 02 May 2018 17:49
Operator : JU/SJ
Sample : J2527-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS79

Manual Integrations APPROVED
Sohil
5/3/2018 4:24:17 PM

Quant Time: May 03 08:15:11 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	109790	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	454214	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	219980	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	425556	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	403982	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	425432	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	416767	19.73	ng/ul	0.00
10) Fluorene-d10	15.25	176	281429	19.96	ng/ul	0.00
14) Anthracene-d10	17.10	188	397141	20.41	ng/ul	0.00
18) Pyrene-d10	19.41	212	410266	19.82	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	443091	22.05	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	13.97	152	37557	1.796	ng/ul	96
13) Phenanthrene	17.05	178	67196	2.895	ng/ul	98
15) Anthracene	17.14	178	45945	1.974	ng/ul	96
16) Fluoranthene	19.07	202	184200	7.822	ng/ul#	93
19) Pyrene	19.44	202	164328	6.333	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	132072	5.469	ng/ul	95
21) Chrysene	21.25	228	136056m	5.994	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	239932m	9.924	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	68290m	2.887	ng/ul	
26) Benzo(a)pyrene	23.32	252	127750	5.529	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.59	276	98536	3.531	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.60	278	30432	1.308	ng/ul#	86
29) Benzo(g,h,i)perylene	26.26	276	87541	3.750	ng/ul#	91

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

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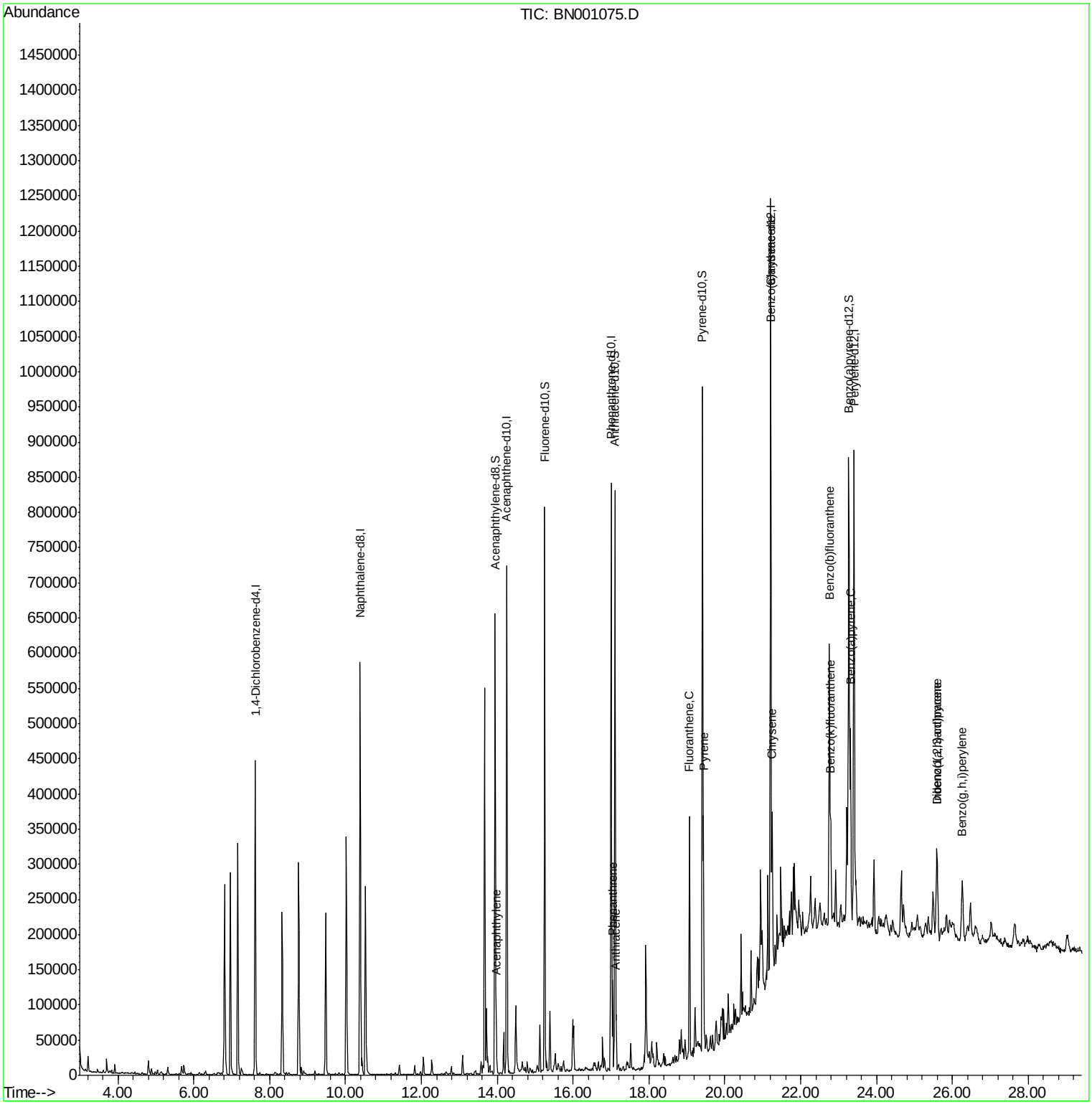
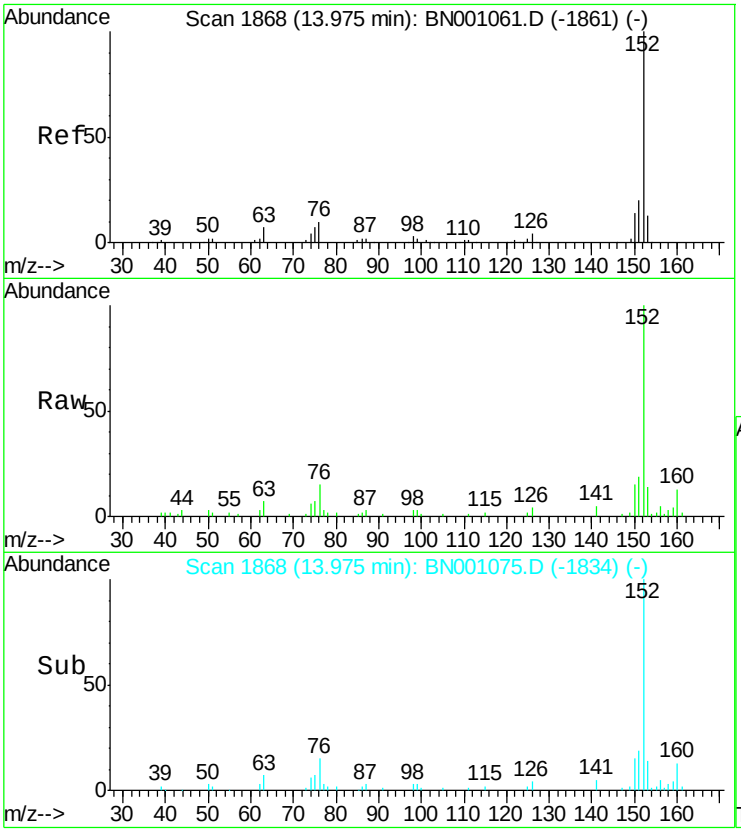
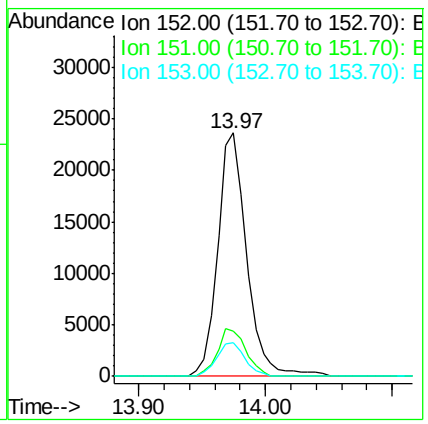




#8
Acenaphthylene
Concen: 1.796 ng/ul
RT: 13.97 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BN001075.D
Acq: 02 May 2018 17:49

Tgt Ion:152 Resp: 37557

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.7	25.1
153	13.8	10.2	15.4



Instrument :
BNA_N
ClientSampleId :
DAS79

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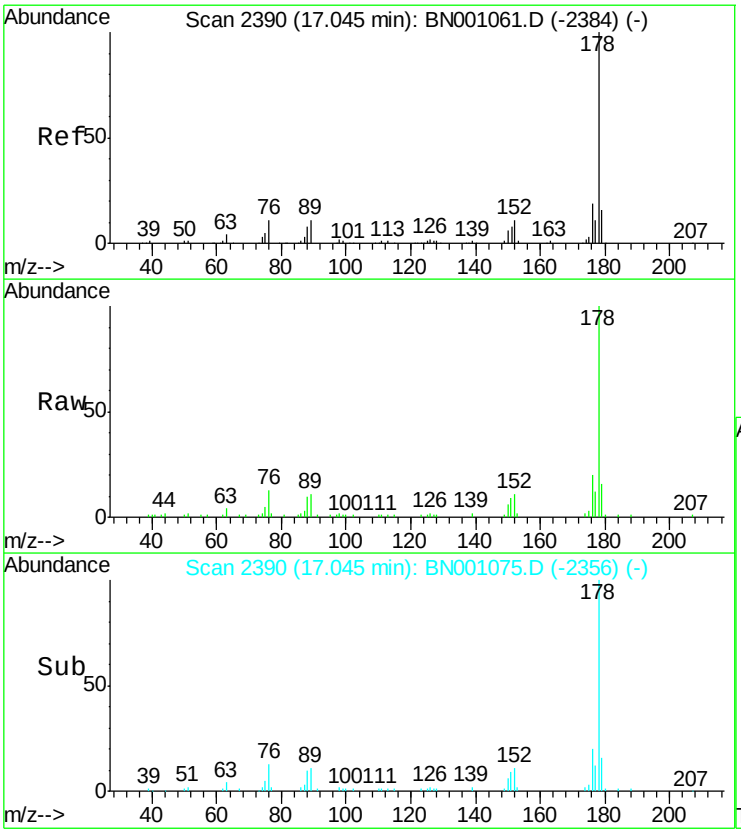
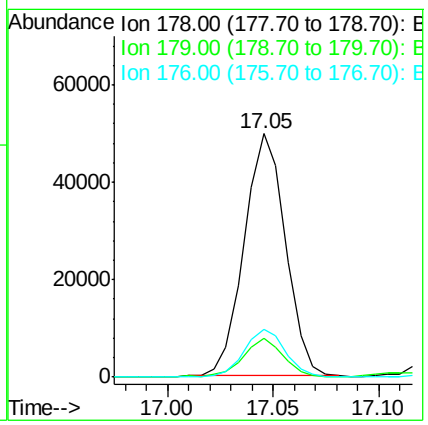
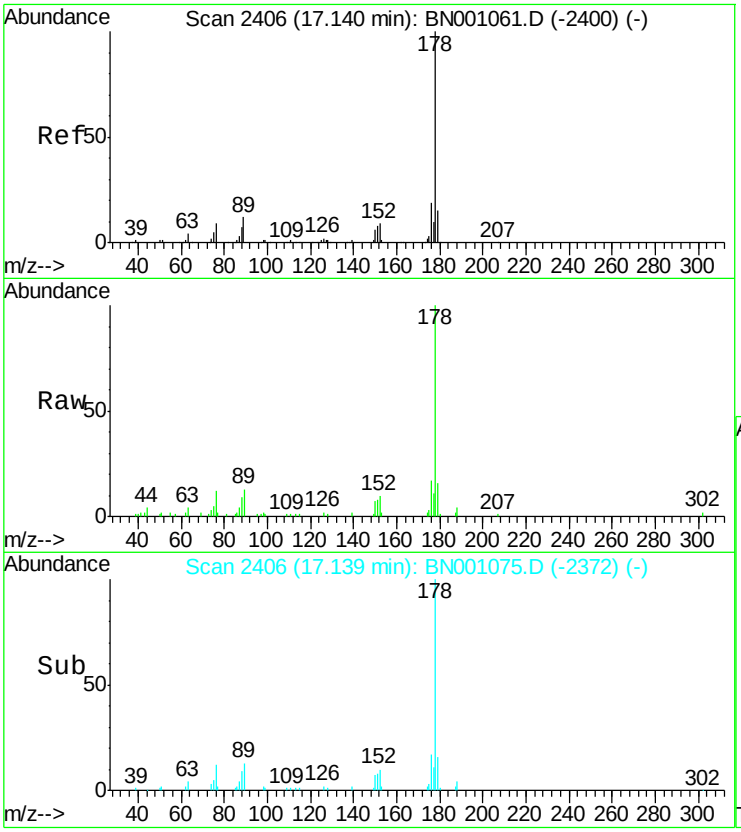


#13
Phenanthrene
Concen: 2.895 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BN001075.D
Acq: 02 May 2018 17:49

Tgt Ion:178 Resp: 67196

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.8	15.1	22.7

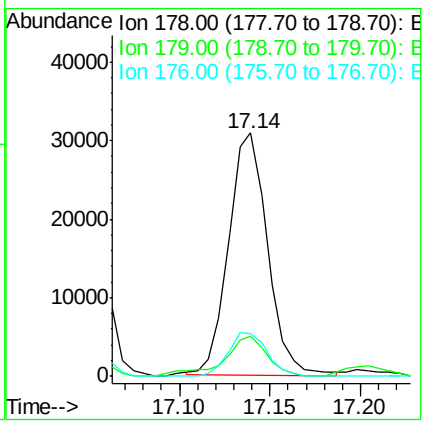




#15
Anthracene
Concen: 1.974 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BN001075.D
Acq: 02 May 2018 17:49

Tgt Ion:178 Resp: 45945

Ion	Ratio	Lower	Upper
178	100		
179	16.4	11.8	17.8
176	17.3	15.2	22.8



Instrument :
BNA_N
ClientSampleId :
DAS79

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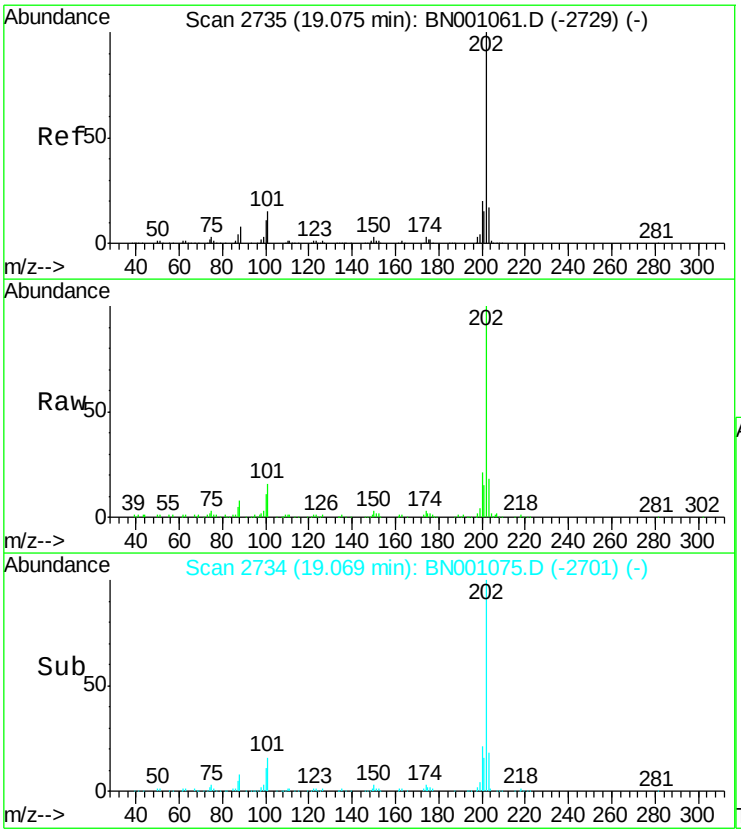
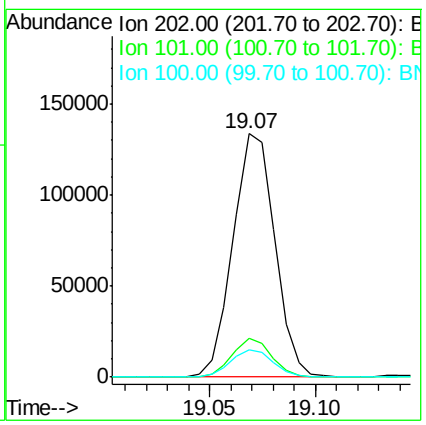
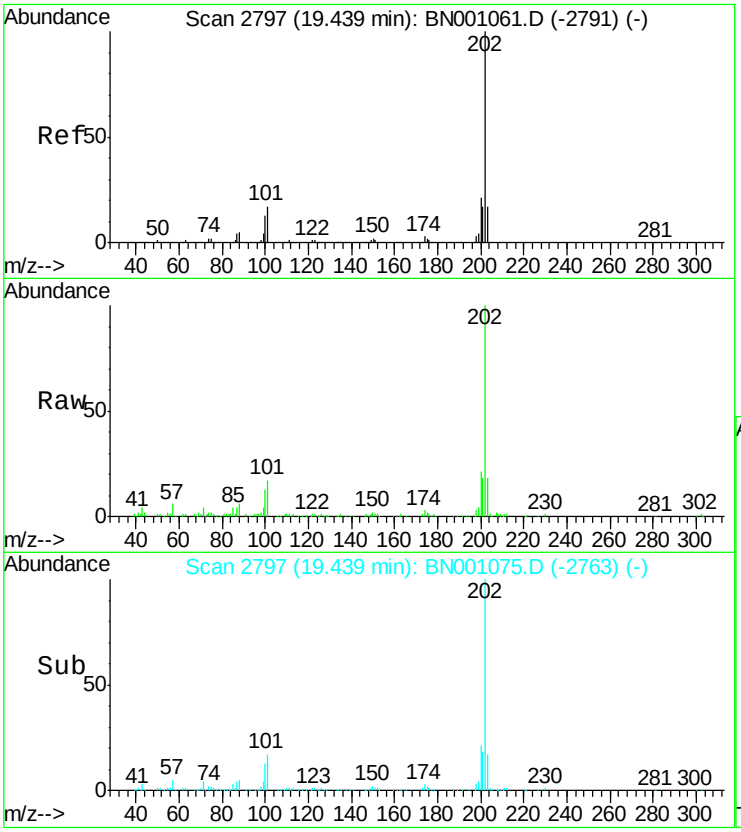


#16
Fluoranthene
Concen: 7.822 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BN001075.D
Acq: 02 May 2018 17:49

Tgt Ion:202 Resp: 184200

Ion	Ratio	Lower	Upper
202	100		
101	15.9	9.9	14.9#
100	11.2	7.4	11.0#

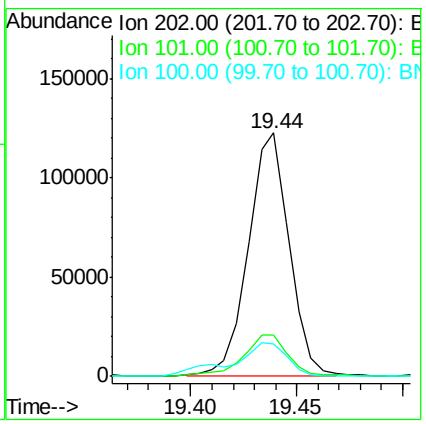




#19
Pyrene
Concen: 6.333 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BN001075.D
Acq: 02 May 2018 17:49

Tgt Ion:202 Resp: 164328

Ion	Ratio	Lower	Upper
202	100		
101	17.0	11.0	16.4#
100	13.5	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAS79

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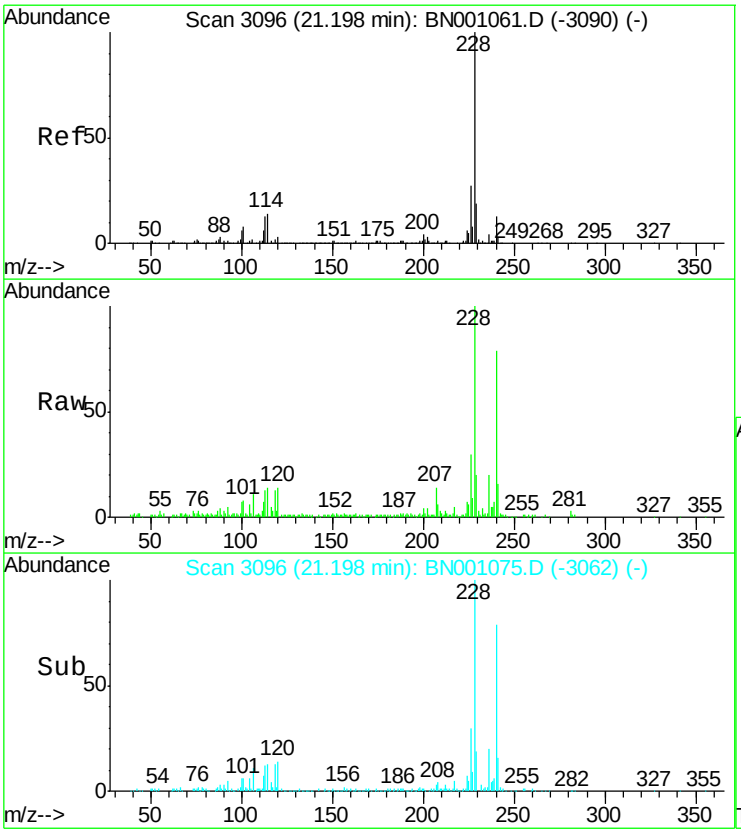
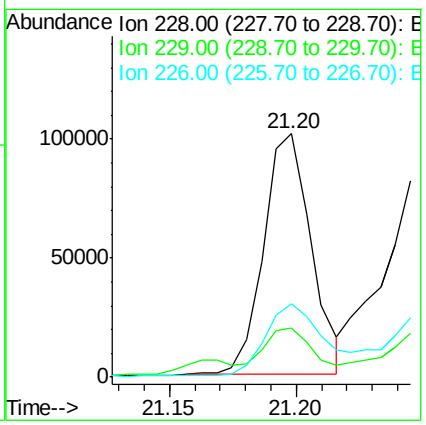
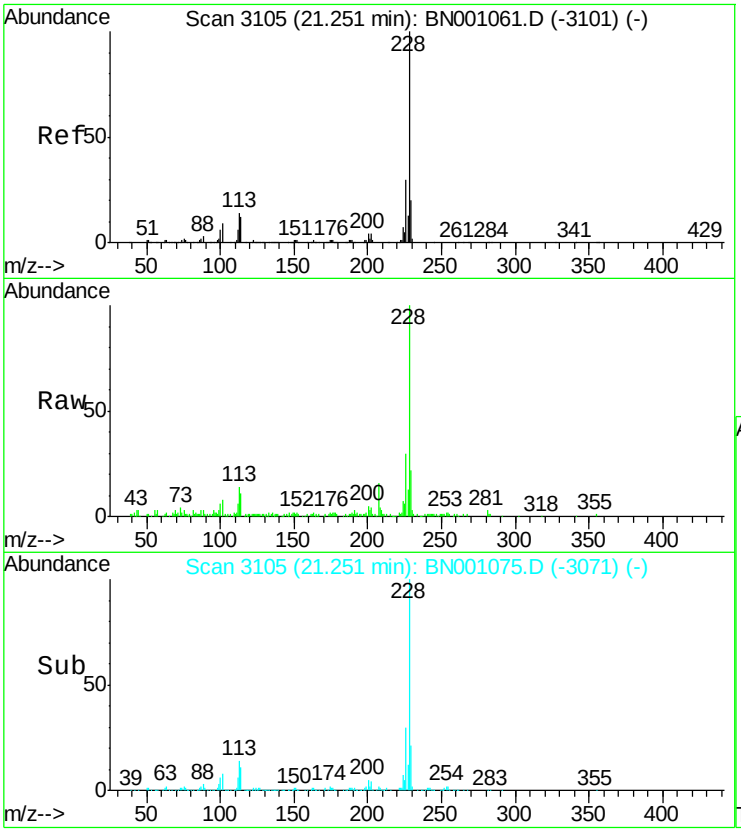


#20
Benzo(a)anthracene
Concen: 5.469 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN001075.D
Acq: 02 May 2018 17:49

Tgt Ion:228 Resp: 132072

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	30.4	21.1	31.7

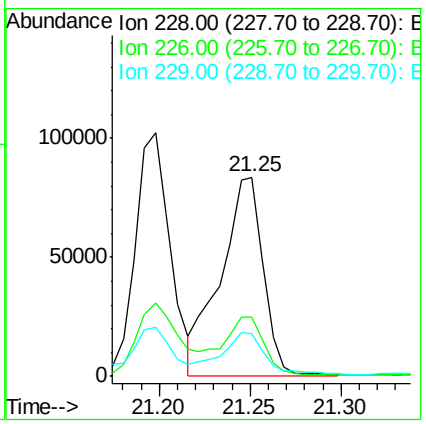




#21
Chrysene
Concen: 5.994 ng/ul m
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN001075.D
Acq: 02 May 2018 17:49

Tgt Ion:228 Resp: 136056

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.5	36.7
229	21.7	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
DAS79

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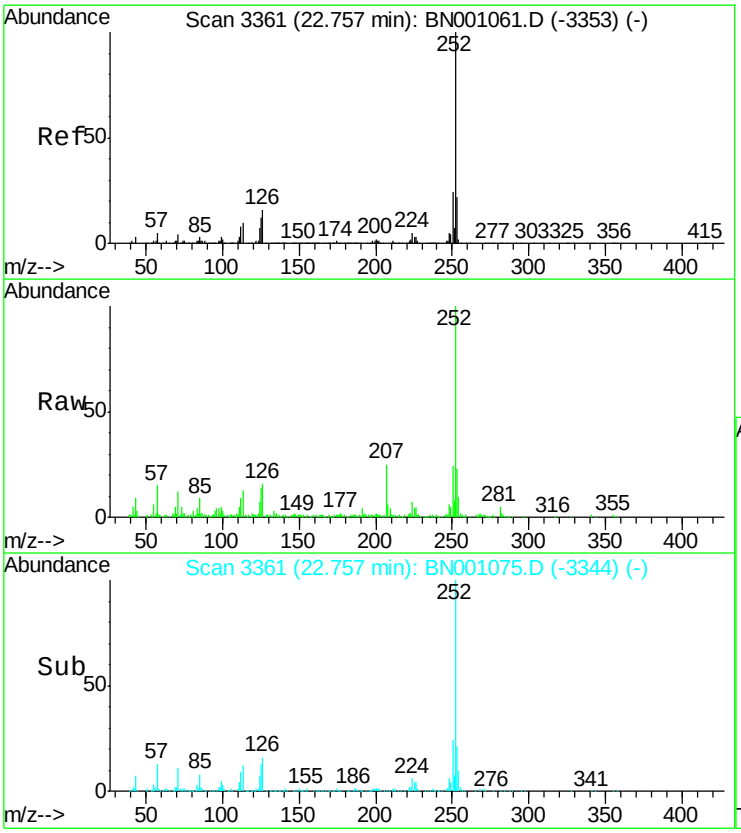
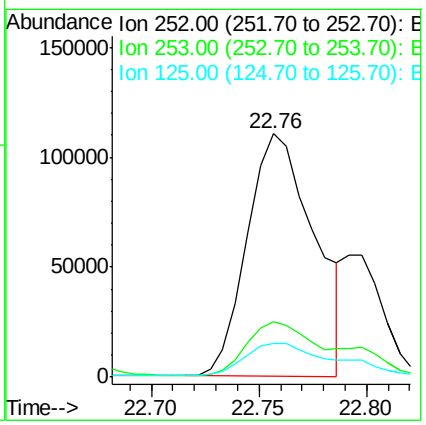
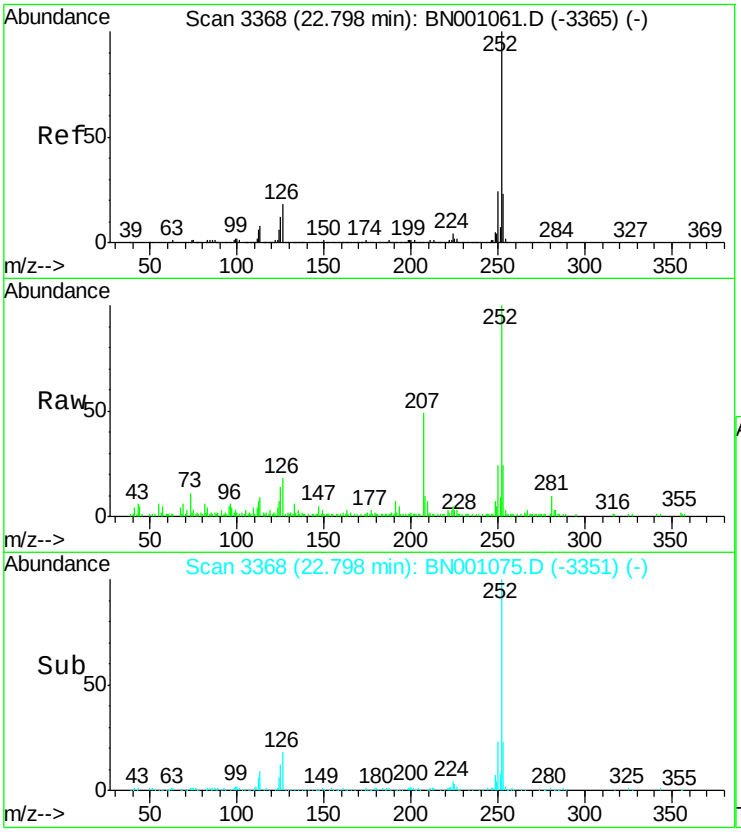


#23
Benzo(b)fluoranthene
Concen: 9.924 ng/ul m
RT: 22.76 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BN001075.D
Acq: 02 May 2018 17:49

Tgt Ion:252 Resp: 239932

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.0	8.0	12.0#

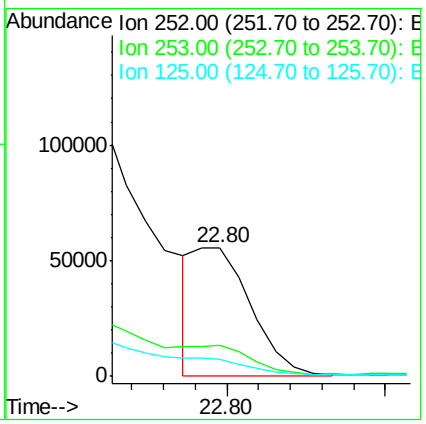




#24
Benzo(k)fluoranthene
Concen: 2.887 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BN001075.D
Acq: 02 May 2018 17:49

Tgt Ion:252 Resp: 68290

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	13.6	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAS79

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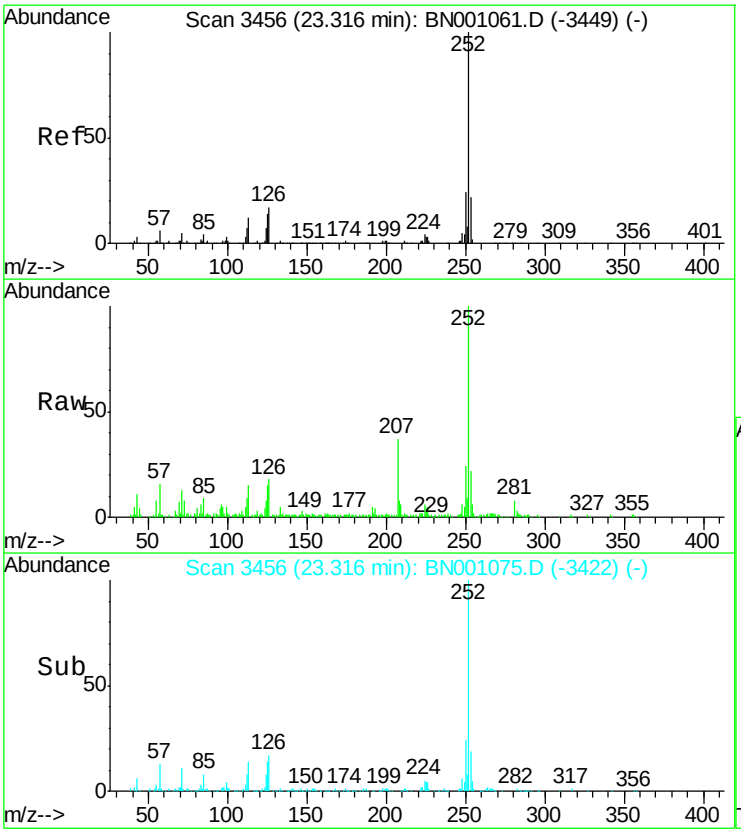
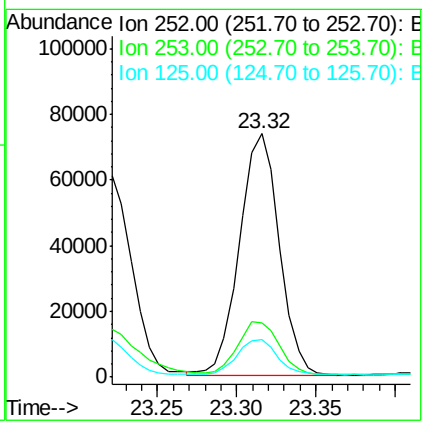
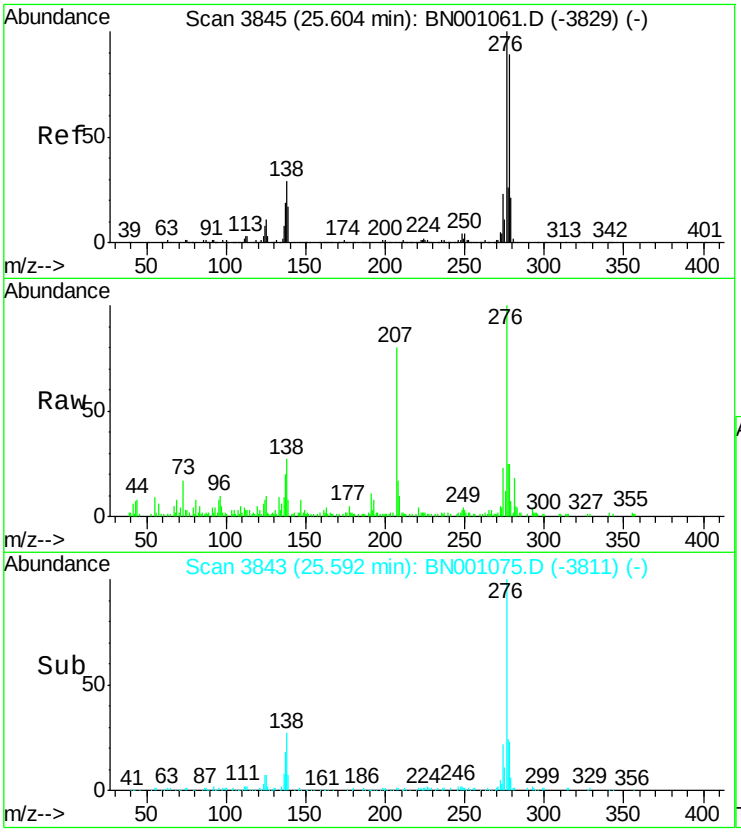


#26
Benzo(a)pyrene
Concen: 5.529 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BN001075.D
Acq: 02 May 2018 17:49

Tgt Ion:252 Resp: 127750

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	15.3	8.2	12.4#

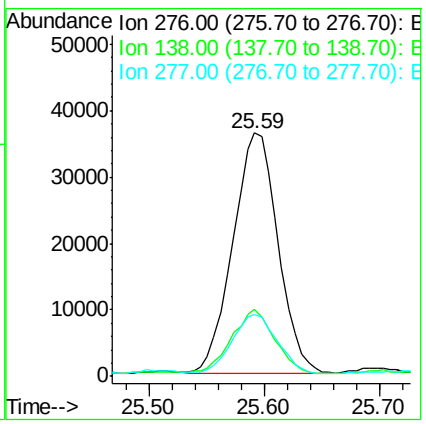




#27
Indeno(1,2,3-cd)pyrene
Concen: 3.531 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BN001075.D
Acq: 02 May 2018 17:49

Tgt Ion:276 Resp: 98536

Ion	Ratio	Lower	Upper
276	100		
138	27.3	14.4	21.6#
277	25.3	18.0	27.0



Instrument :
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ClientSampleId :
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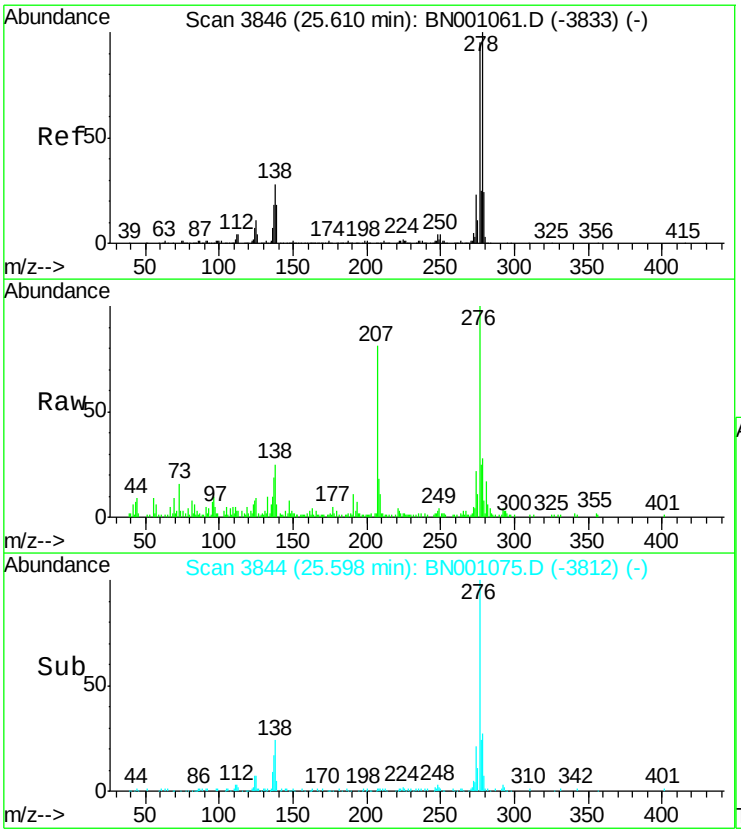
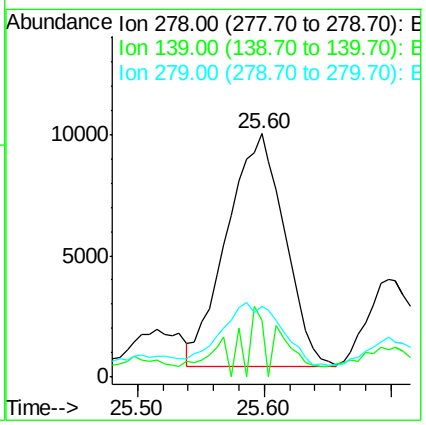
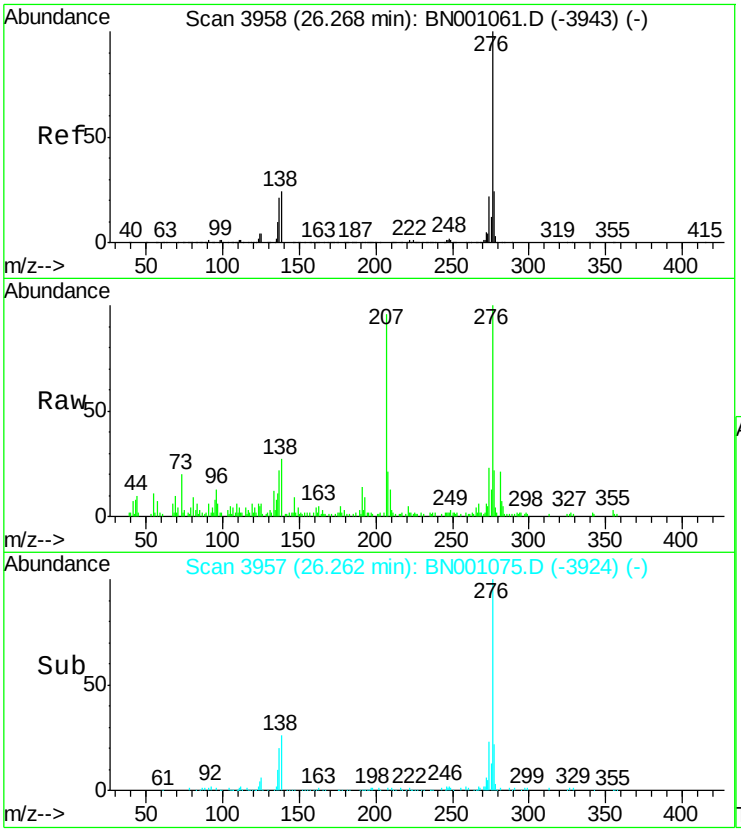


#28
Dibenzo(a,h)anthracene
Concen: 1.308 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN001075.D
Acq: 02 May 2018 17:49

Tgt Ion:278 Resp: 30432

Ion	Ratio	Lower	Upper
278	100		
139	23.2	12.2	18.4#
279	29.1	19.2	28.8#

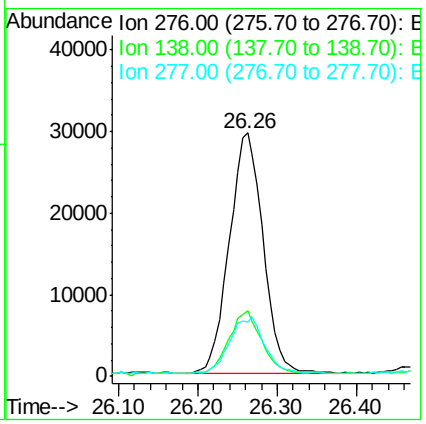




#29
Benzo(g,h,i)perylene
Concen: 3.750 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. -0.01 min
Lab File: BN001075.D
Acq: 02 May 2018 17:49

Tgt Ion:276 Resp: 87541

Ion	Ratio	Lower	Upper
276	100		
138	26.8	15.3	22.9#
277	22.5	19.0	28.4



Instrument :
BNA_N
ClientSampleId :
DAS79

Manual Integrations APPROVED
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5/3/2018 4:24:17 PM