Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006348.D
Acq On : 17 Jun 2019 15:16
Operator : JU/SJ
Sample : K3332-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41W0

Manual Integrations APPROVED
mohammad
6/20/2019 10:51:07 AM

Quant Time: Jun 18 02:22:36 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	5063	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	20424	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	11028	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	21533m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	13047m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	11303m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5979	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	14131m	0.24	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.35	153	3288	0.077	ng/ul	98
9) Fluorene	15.35	166	5121	0.103	ng/ul	98
12) Phenanthrene	17.09	178	194410m	2.813	ng/ul	
13) Anthracene	17.18	178	22340m	0.338	ng/ul	
15) Fluoranthene	19.12	202	543883m	7.126	ng/ul	
17) Pyrene	19.49	202	403736	5.875	ng/ul	100
18) Benzo(a)anthracene	21.25	228	156265m	2.708	ng/ul	
19) Chrysene	21.30	228	215706m	3.982	ng/ul	
21) Benzo(b)fluoranthene	22.84	252	246476m	5.230	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	84931m	1.850	ng/ul	
23) Benzo(a)pyrene	23.41	252	146910m	3.347	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	108017m	2.273	ng/ul	
25) Dibenzo(a,h)anthracene	25.74	278	23694m	0.624	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	90276m	2.269	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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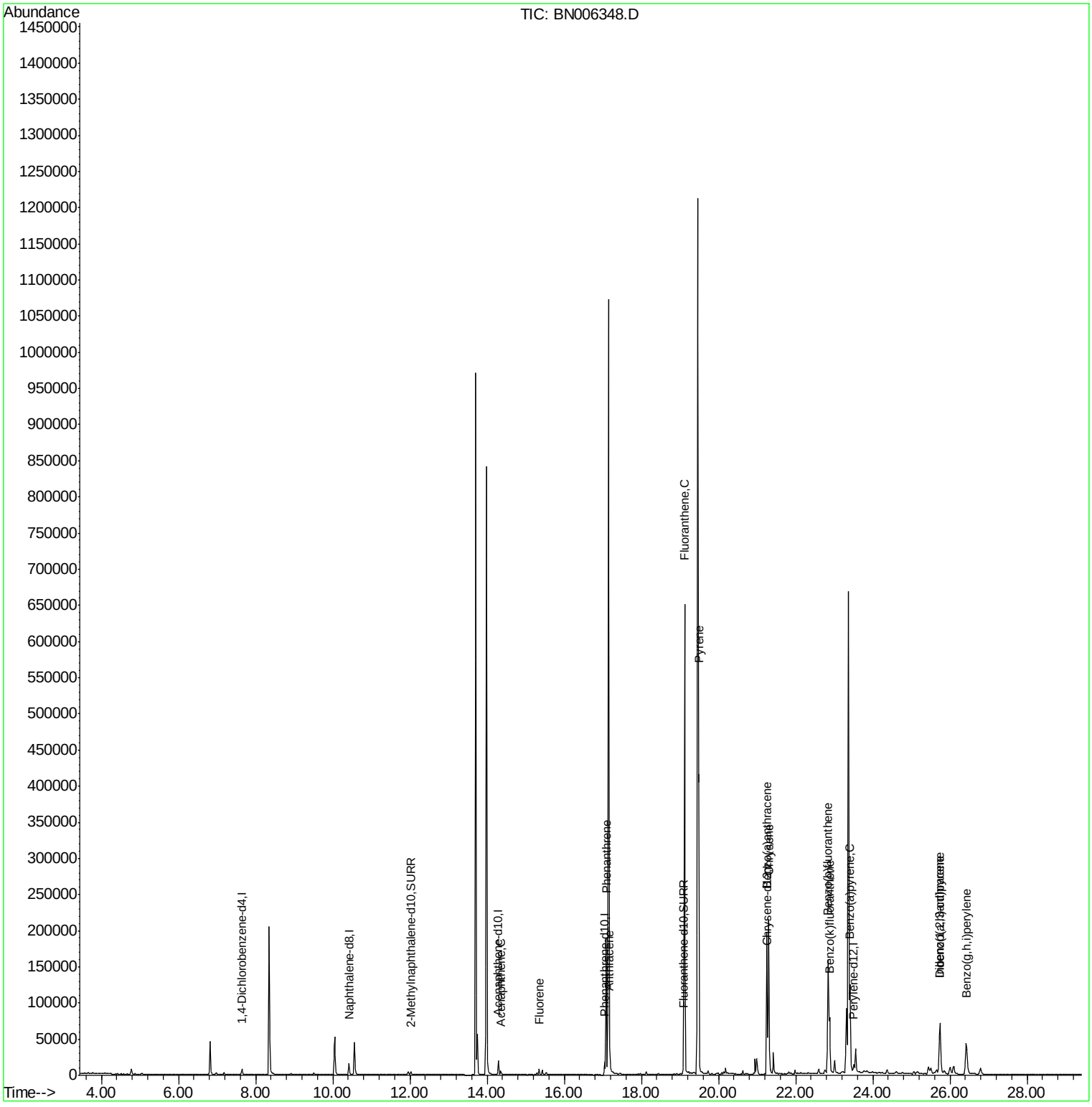
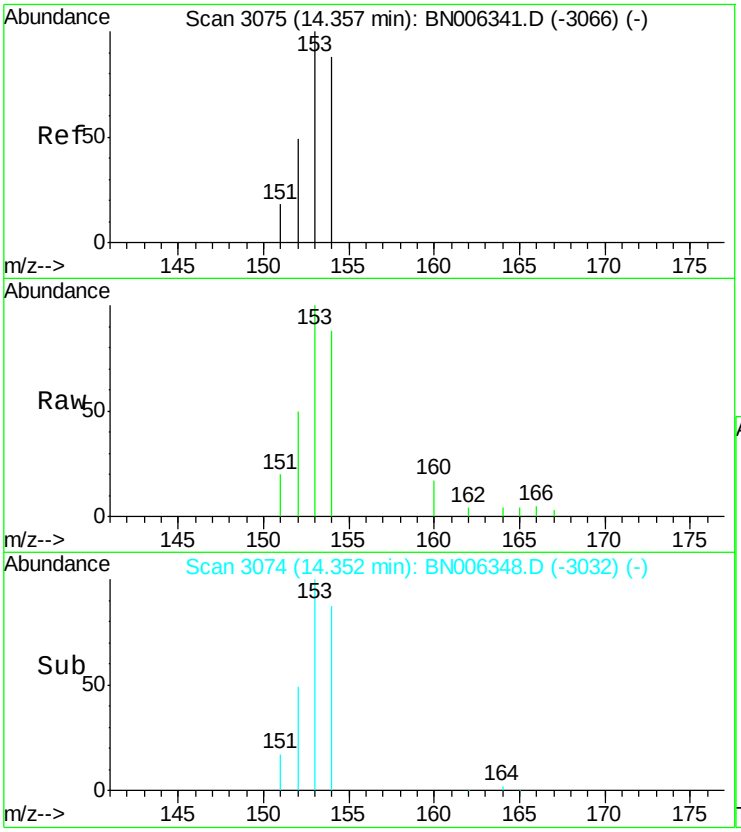
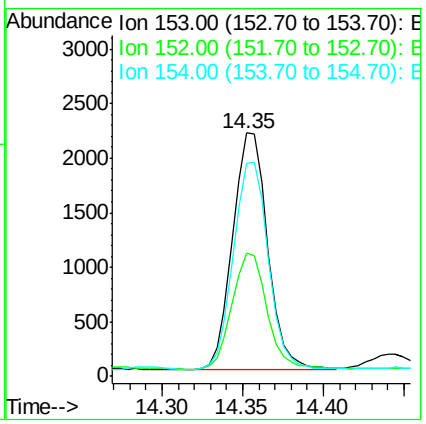




#8
Acenaphthene
Concen: 0.077 ng/ul
RT: 14.35 min Scan# 3074
Delta R.T. -0.00 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Tgt Ion:153 Resp: 3288

Ion	Ratio	Lower	Upper
153	100		
152	50.4	39.1	58.7
154	87.7	71.1	106.7



Instrument :
BNA_N
ClientSampleId :
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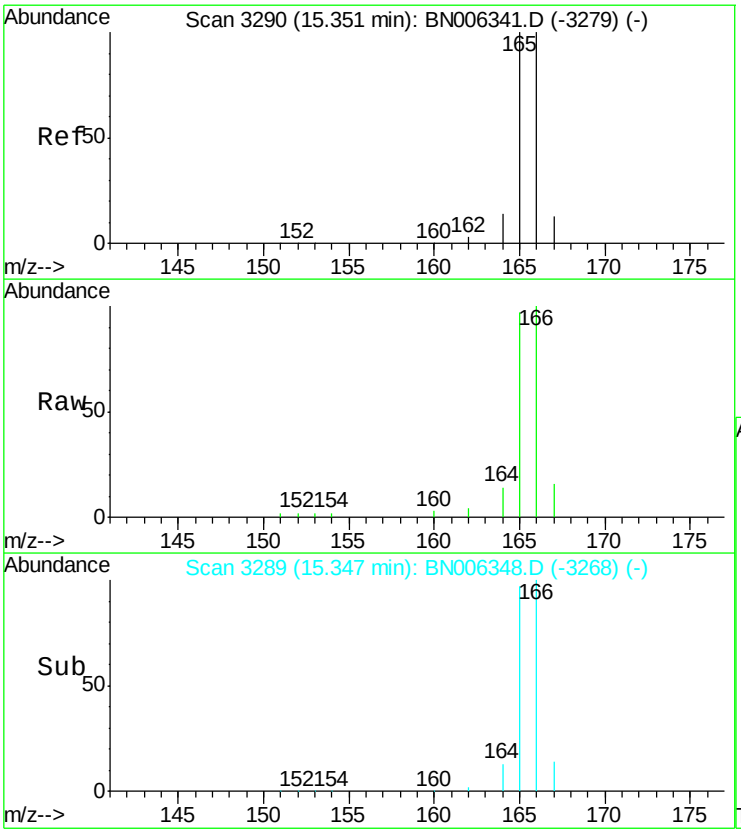
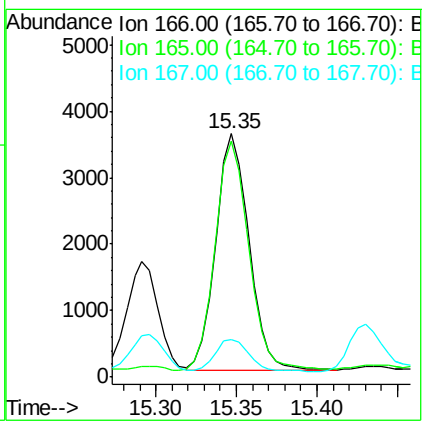
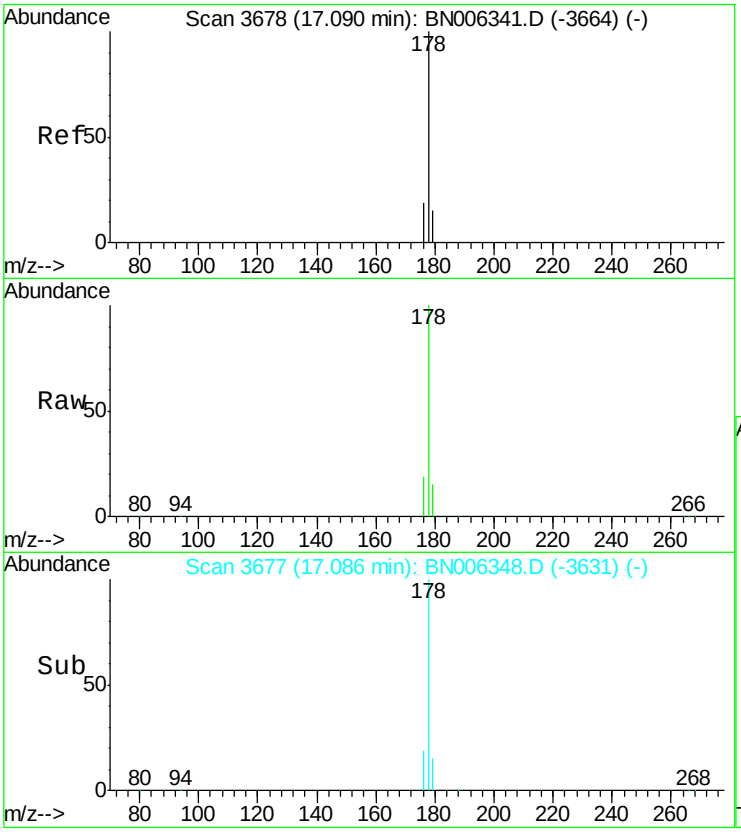


#9
Fluorene
Concen: 0.103 ng/ul
RT: 15.35 min Scan# 3289
Delta R.T. -0.00 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Tgt Ion:166 Resp: 5121

Ion	Ratio	Lower	Upper
166	100		
165	96.9	76.4	114.6
167	15.6	11.0	16.6

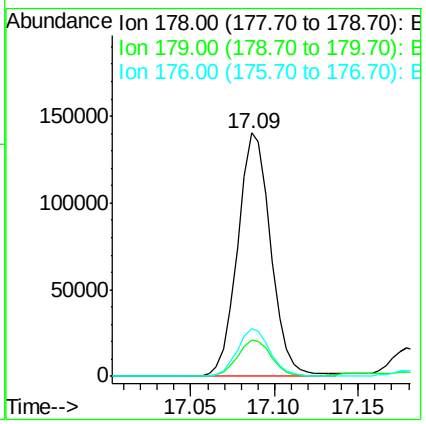




#12
Phenanthrene
Concen: 2.813 ng/ul m
RT: 17.09 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Tgt Ion:178 Resp: 194410

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	19.4	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A41W0

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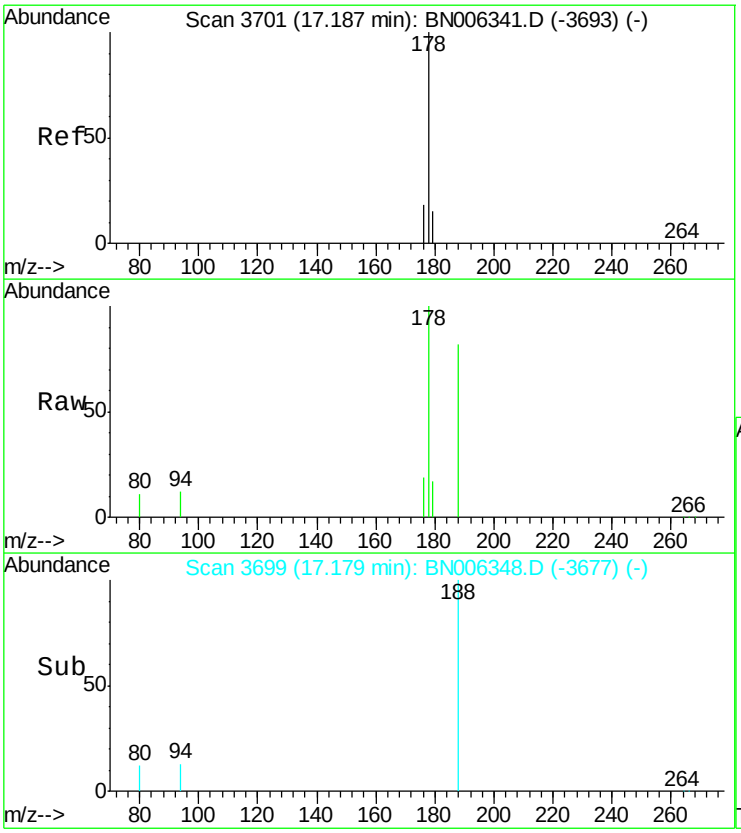
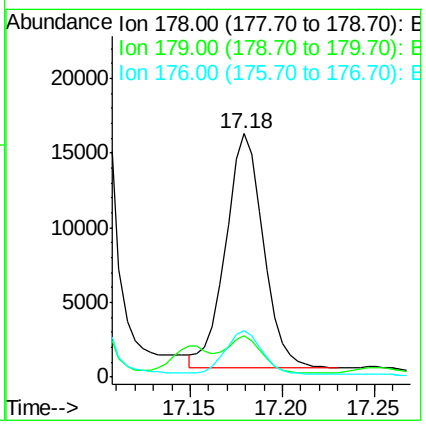
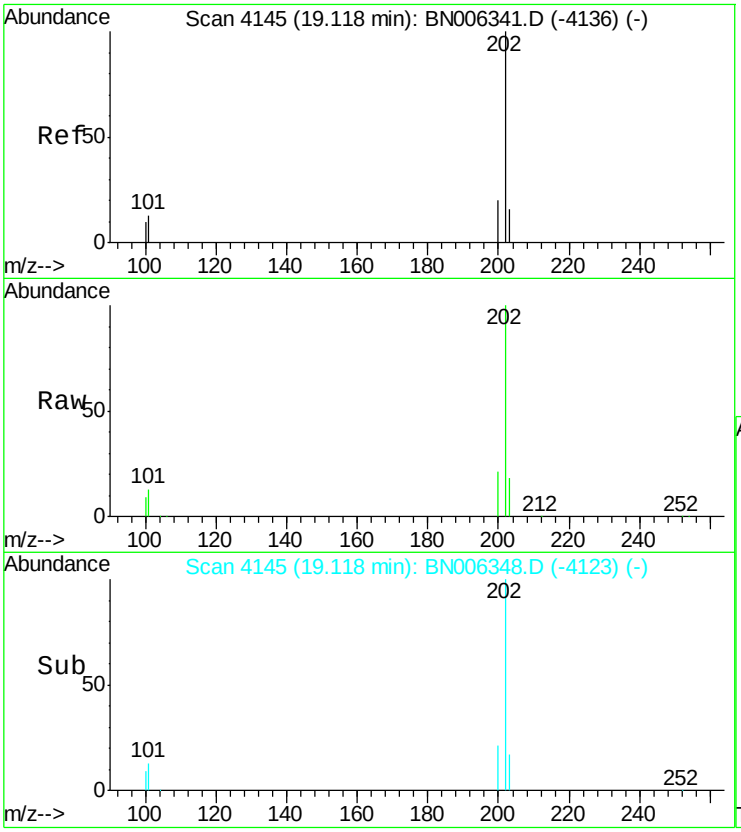


#13
Anthracene
Concen: 0.338 ng/ul m
RT: 17.18 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Tgt Ion:178 Resp: 22340

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.2	18.4
176	19.1	15.1	22.7

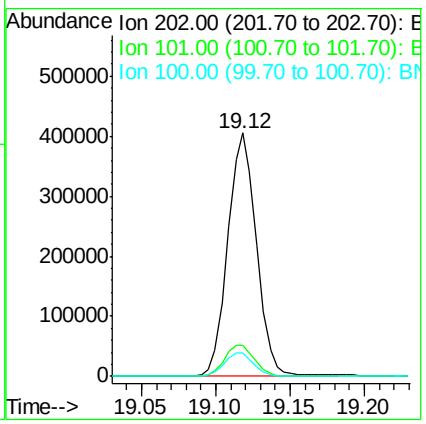




#15
Fluoranthene
Concen: 7.126 ng/ul m
RT: 19.12 min Scan# 4145
Delta R.T. 0.00 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Tgt Ion:202 Resp: 543883

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.1
100	9.5	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
A41W0

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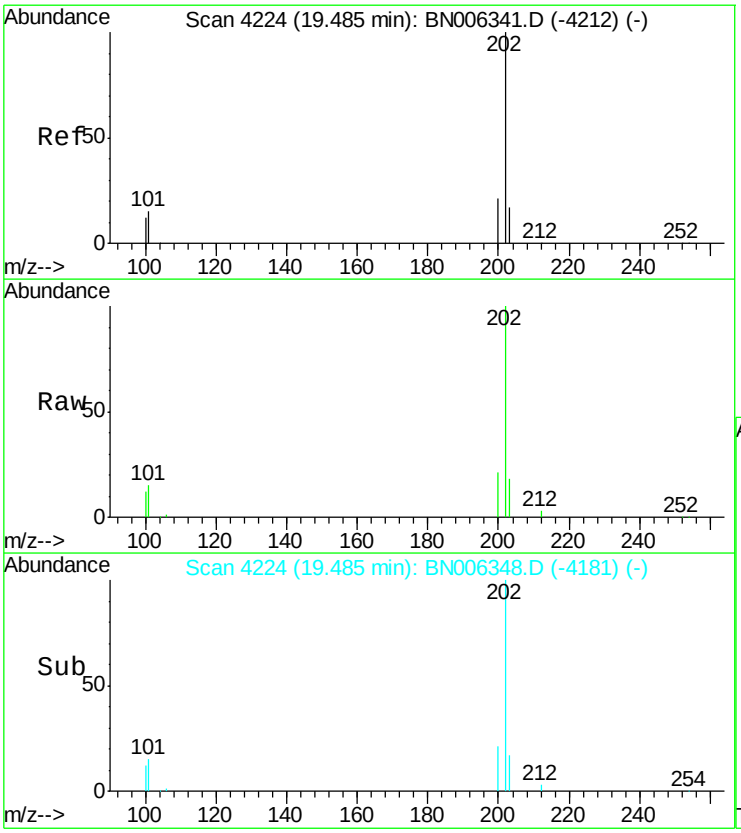
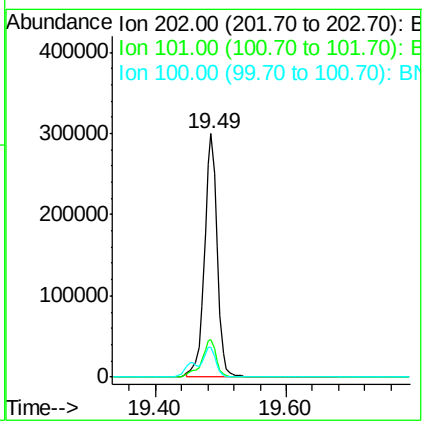
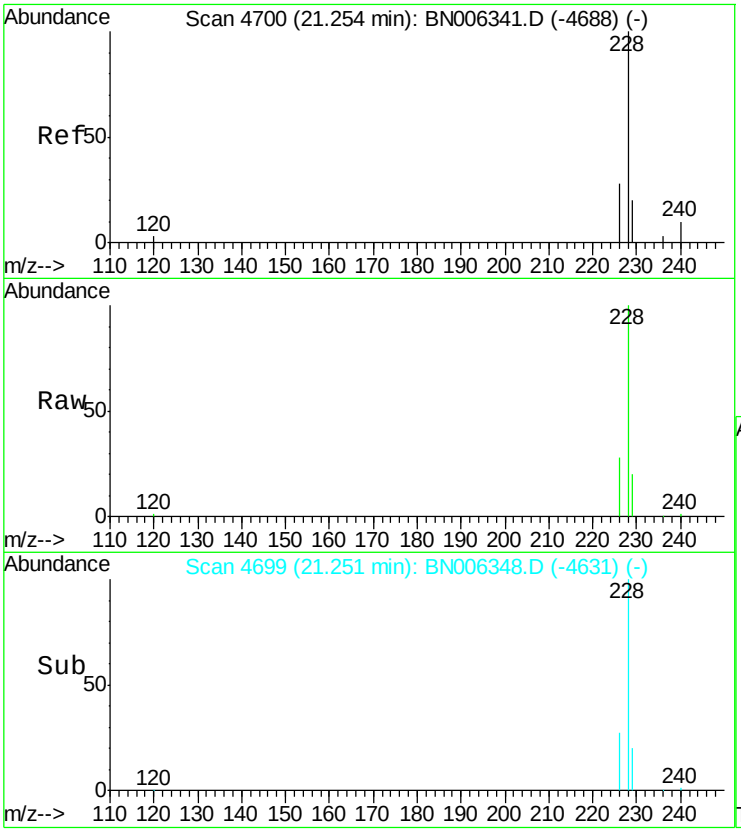


#17
Pyrene
Concen: 5.875 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Tgt Ion:202 Resp: 403736

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.2	18.2
100	12.1	9.8	14.6

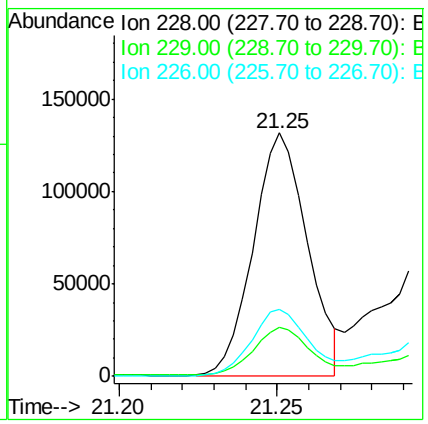




#18
Benzo(a)anthracene
Concen: 2.708 ng/ul m
RT: 21.25 min Scan# 4699
Delta R.T. -0.00 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Tgt Ion:228 Resp: 156265

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.5	24.7
226	27.6	22.8	34.2



Instrument :
BNA_N
ClientSampleId :
A41W0

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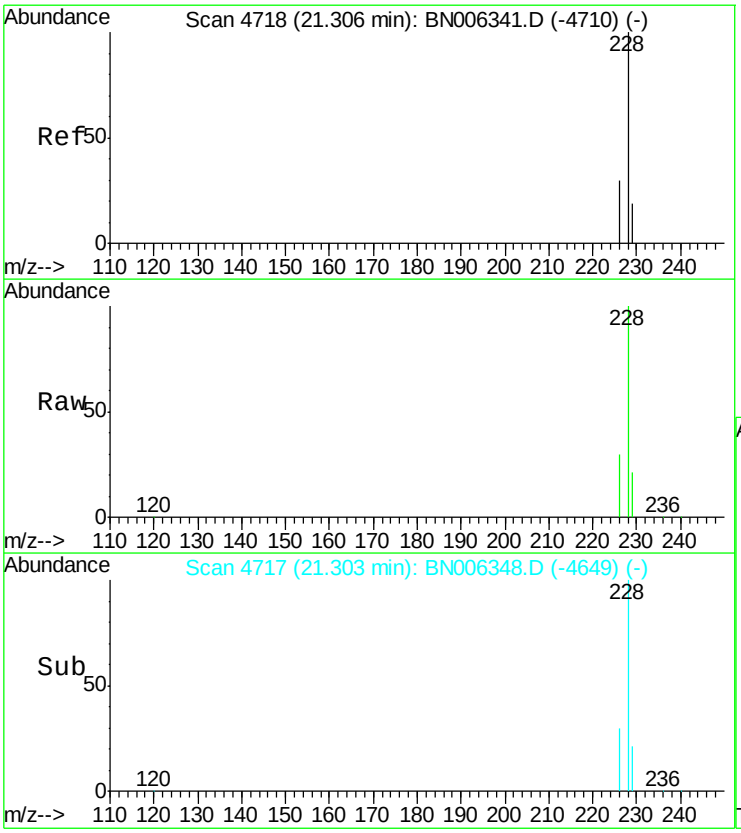
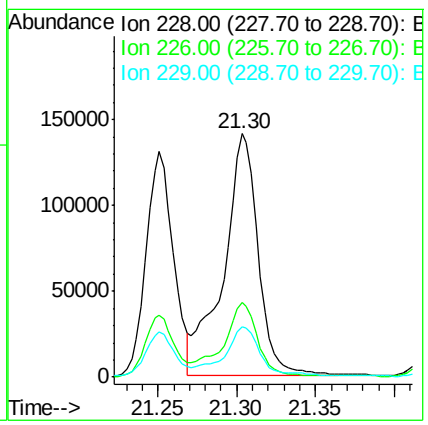
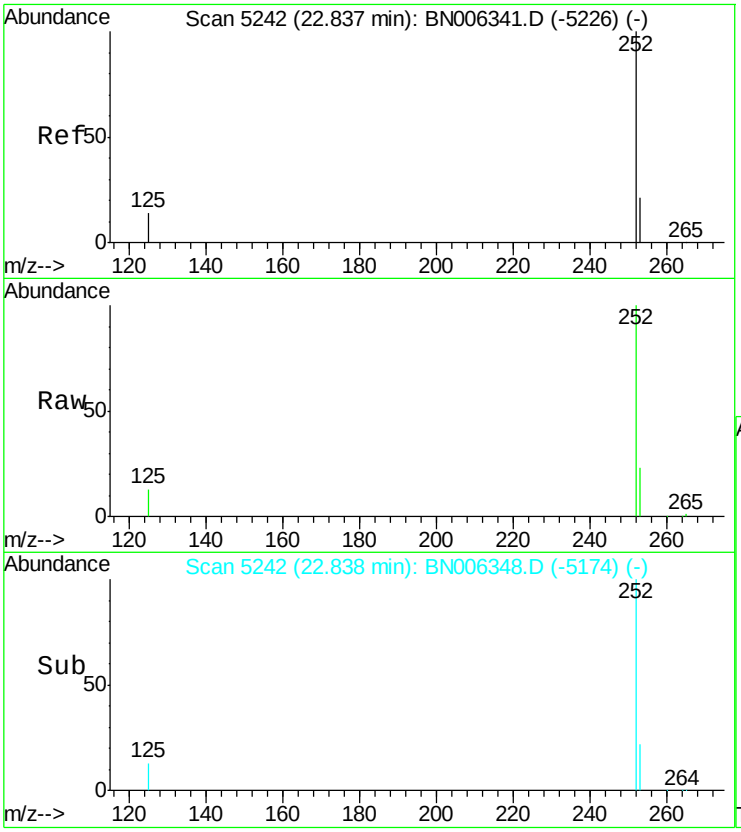


#19
Chrysene
Concen: 3.982 ng/ul m
RT: 21.30 min Scan# 4717
Delta R.T. -0.00 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Tgt Ion:228 Resp: 215706

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.8	16.3	24.5

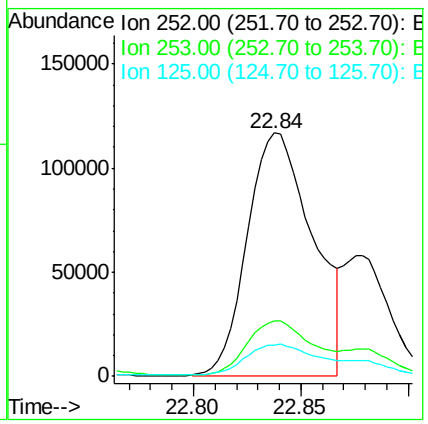




#21
Benzo(b)fluoranthene
Concen: 5.230 ng/ul m
RT: 22.84 min Scan# 5242
Delta R.T. 0.00 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Tgt Ion:252 Resp: 246476

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	51.4
125	13.0	0.0	41.0



Instrument :
BNA_N
ClientSampleId :
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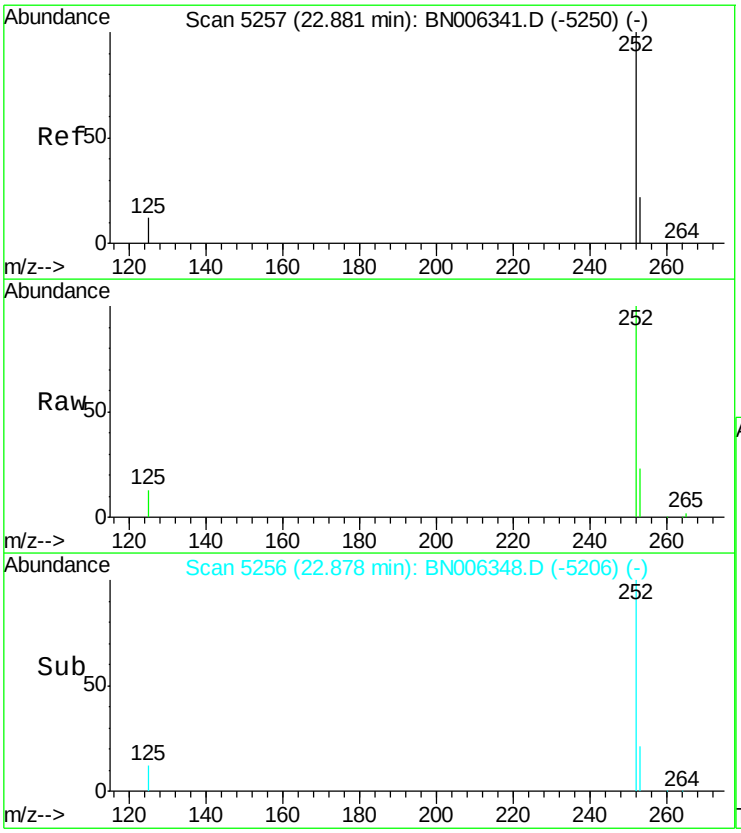
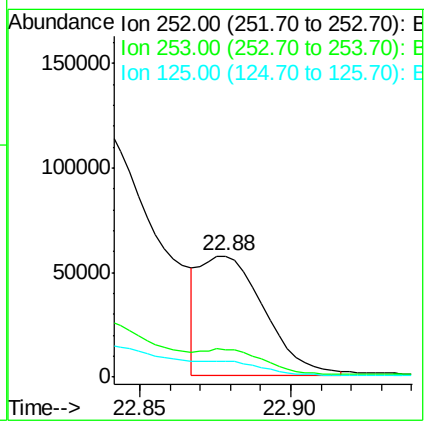
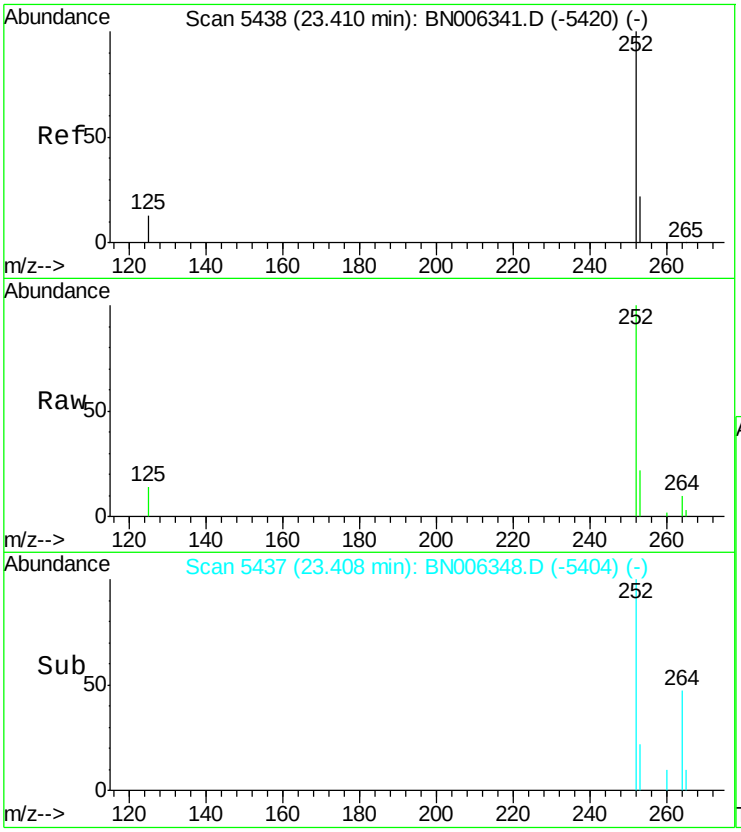


#22
Benzo(k)fluoranthene
Concen: 1.850 ng/ul m
RT: 22.88 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Tgt Ion:252 Resp: 84931

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.3	30.5
125	13.2	14.3	21.5#





#23
Benzo(a)pyrene
Concen: 3.347 ng/ul m
RT: 23.41 min Scan# 5437
Delta R.T. -0.00 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Tgt Ion:252 Resp: 146910

Ion	Ratio	Lower	Upper
252	100		
253	22.1	21.1	31.7
125	13.9	20.3	30.5#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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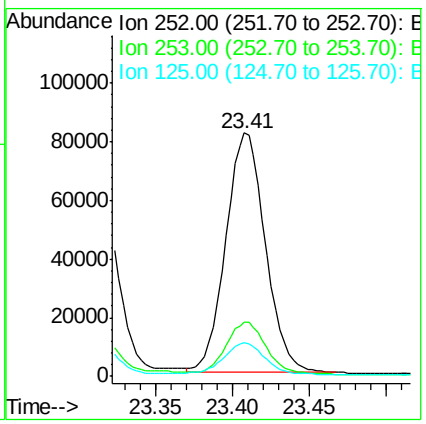
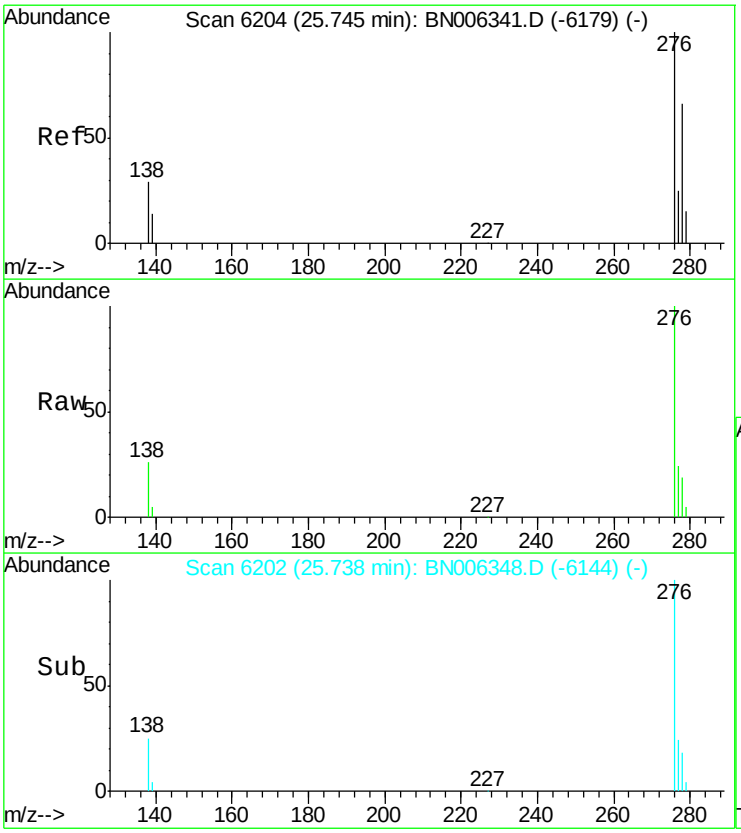
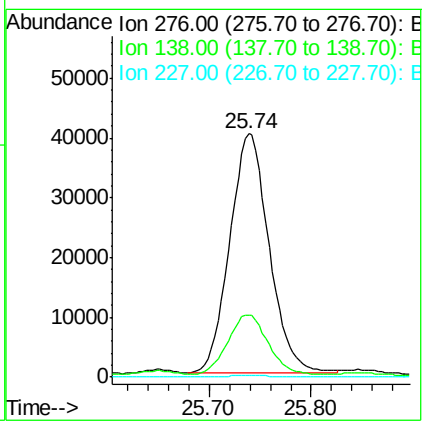


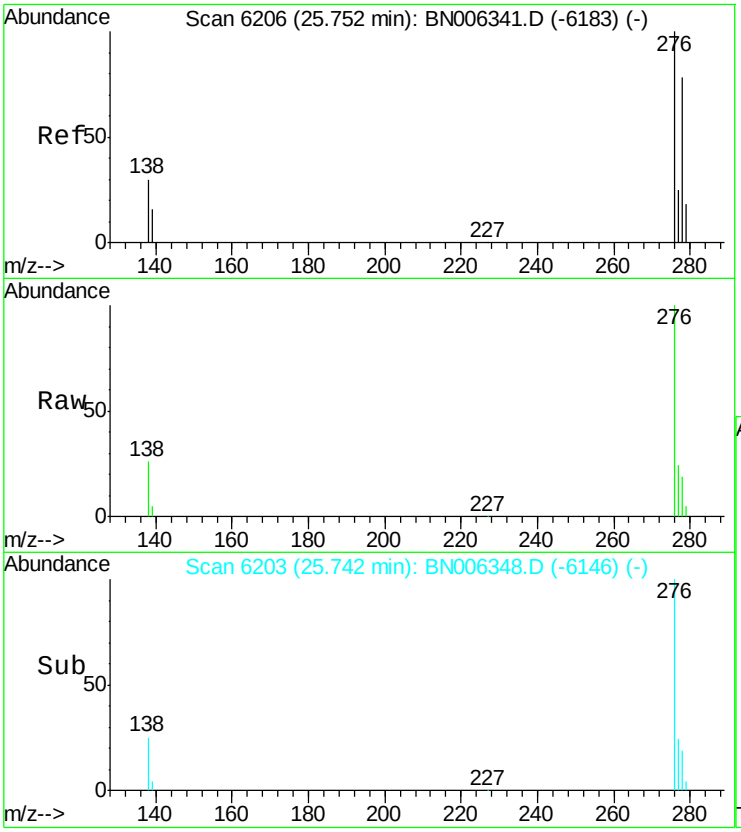


#24
Indeno(1,2,3-cd)pyrene
Concen: 2.273 ng/ul m
RT: 25.74 min Scan# 6202
Delta R.T. -0.01 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Tgt Ion:276 Resp: 108017

Ion	Ratio	Lower	Upper
276	100		
138	2.1	25.6	38.4#
227	0.0	0.3	0.5#

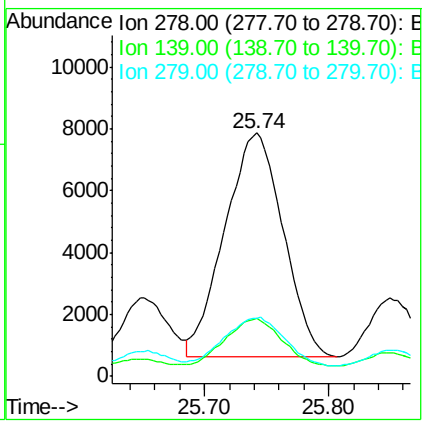




#25
Dibenzo(a,h)anthracene
Concen: 0.624 ng/ul m
RT: 25.74 min Scan# 6203
Delta R.T. -0.01 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Tgt Ion:278 Resp: 23694

Ion	Ratio	Lower	Upper
278	100		
139	23.6	21.2	31.8
279	24.0	22.6	33.8



Instrument :
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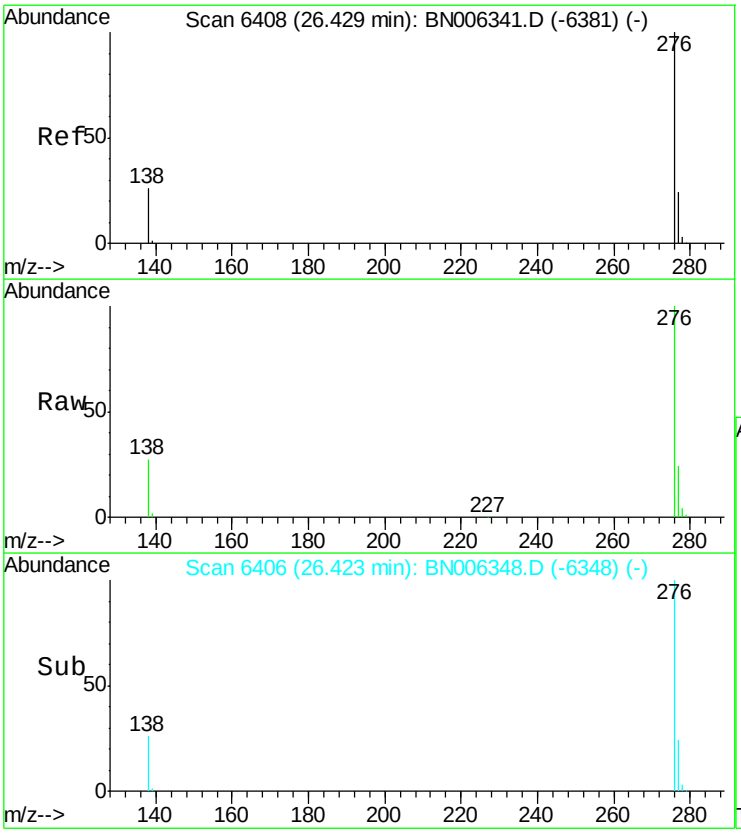

#26
Benzo(g,h,i)perylene
Concen: 2.269 ng/ul m
RT: 26.42 min Scan# 6406
Delta R.T. -0.01 min
Lab File: BN006348.D
Acq: 17 Jun 2019 15:16

Tgt Ion:276 Resp: 90276

Ion	Ratio	Lower	Upper
276	100		
138	27.0	24.2	36.4
277	24.3	21.5	32.3