Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
Data File : BN003981.D
Acq On : 16 Dec 2018 05:19
Operator : JU/SJ
Sample : J6171-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9Y15

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:12 PM

Quant Time: Dec 17 00:30:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 00:13:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2333	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	11027	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6915	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	18609m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	18668m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	16686m	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3136	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	9658m	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	9172	0.296	ng/ul#	94
5) 2-Methylnaphthalene	12.29	142	5854	0.271	ng/ul	99
7) Acenaphthylene	14.19	152	1687	0.054	ng/ul#	67
9) Fluorene	15.52	166	2573	0.081	ng/ul#	90
12) Phenanthrene	17.25	178	135148m	2.213	ng/ul	
13) Anthracene	17.35	178	36687m	0.731	ng/ul	
15) Fluoranthene	19.27	202	33033m	0.458	ng/ul	
17) Pyrene	19.64	202	158462	2.367	ng/ul	98
18) Benzo(a)anthracene	21.38	228	60677m	1.029	ng/ul	
19) Chrysene	21.43	228	131404m	1.947	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	42706m	0.619	ng/ul	
23) Benzo(a)pyrene	23.62	252	46906m	0.785	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.10	276	44067m	0.643	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	26931m	0.488	ng/ul	
26) Benzo(g,h,i)perylene	26.84	276	458843	7.702	ng/ul	96

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

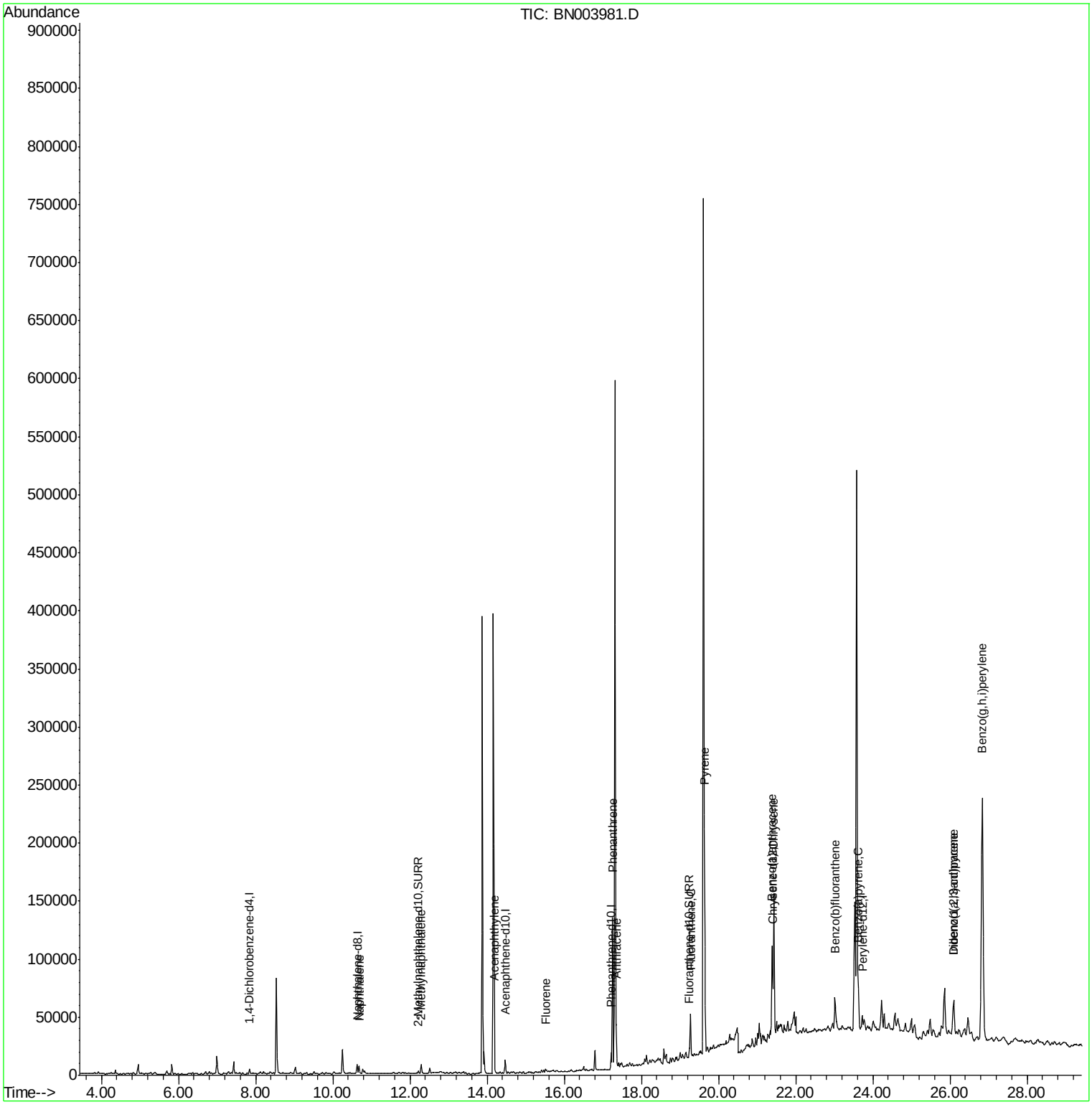
Quantitation Report (QT Reviewed)

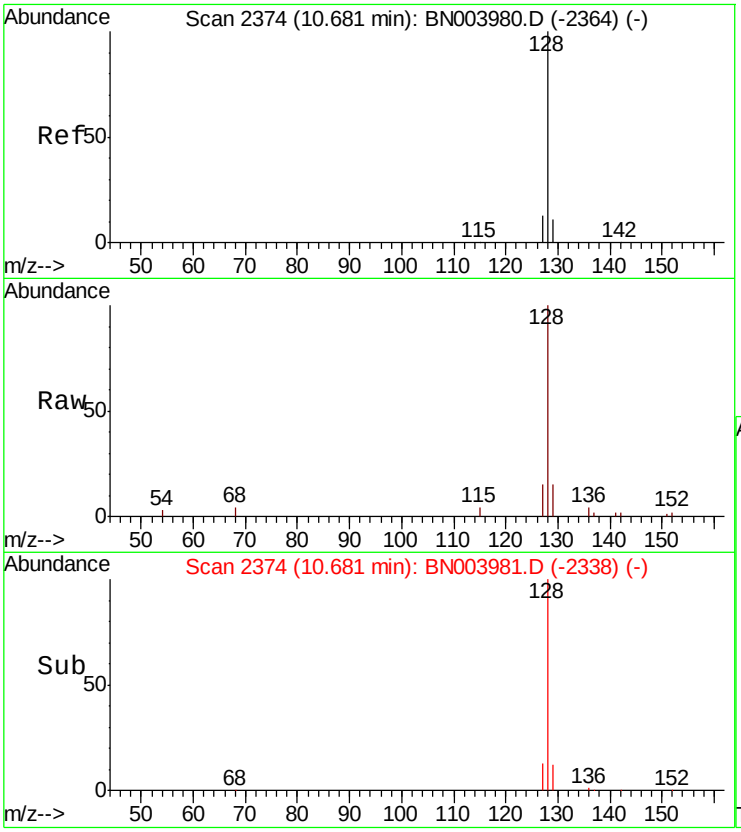
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
Data File : BN003981.D
Acq On : 16 Dec 2018 05:19
Operator : JU/SJ
Sample : J6171-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 17 00:30:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 00:13:33 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y15

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:12 PM





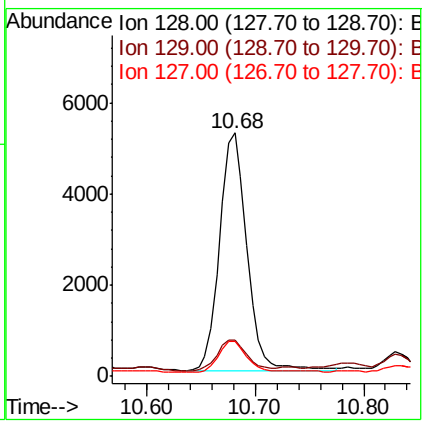
#3
Naphthalene
Concen: 0.296 ng/ul
RT: 10.68 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BN003981.D
Acq: 16 Dec 2018 05:19

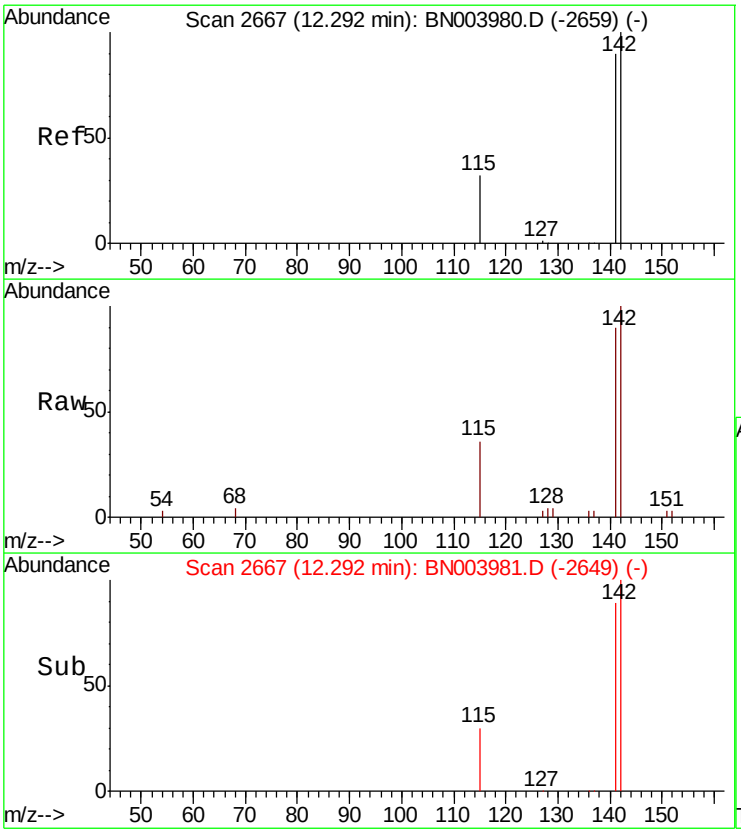
Tgt Ion:128 Resp: 9172

Ion	Ratio	Lower	Upper
128	100		
129	14.9	9.0	13.6#
127	14.6	10.5	15.7

Instrument :
BNA_N
ClientSampleId :
F9Y15

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:12 PM

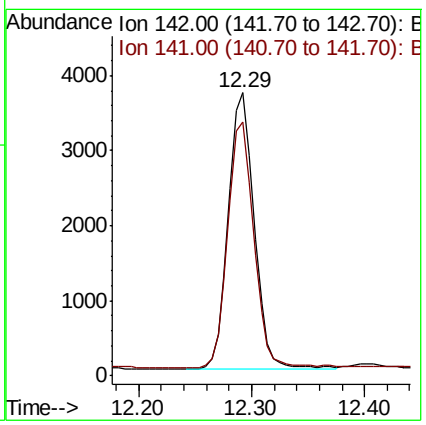


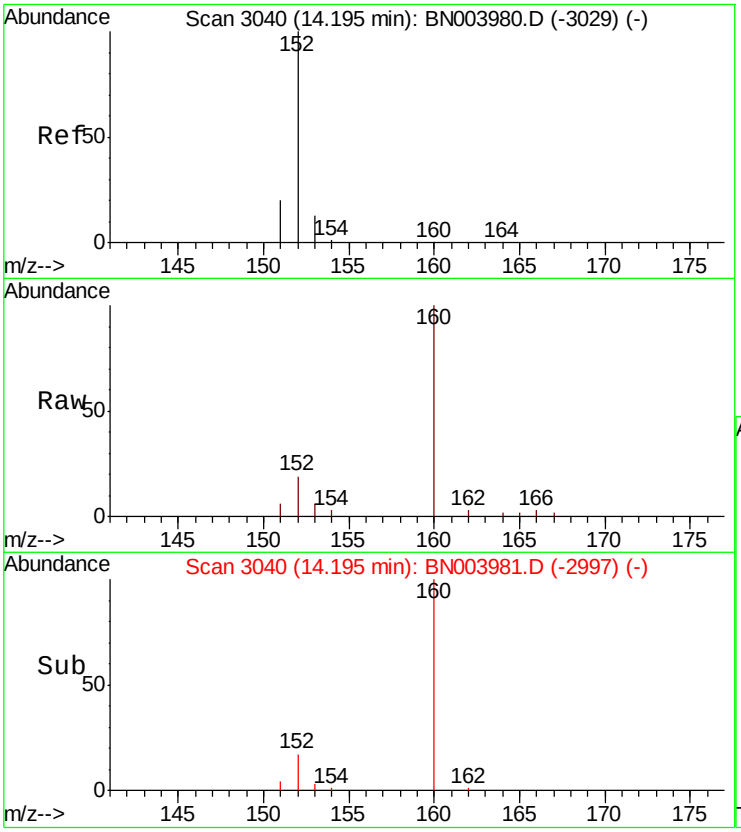


#5
2-Methylnaphthalene
Concen: 0.271 ng/ul
RT: 12.29 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BN003981.D
Acq: 16 Dec 2018 05:19

Tgt Ion:142 Resp: 5854

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.5	107.3





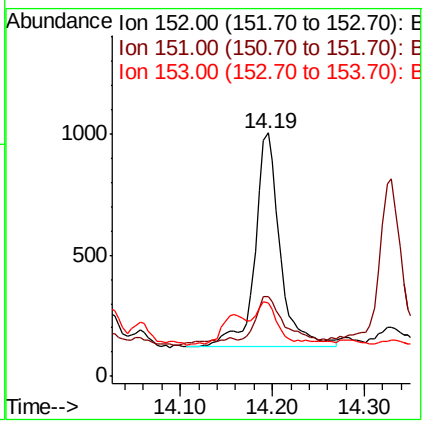
#7
Acenaphthylene
Concen: 0.054 ng/ul
RT: 14.19 min Scan# 3040
Delta R.T. 0.00 min
Lab File: BN003981.D
Acq: 16 Dec 2018 05:19

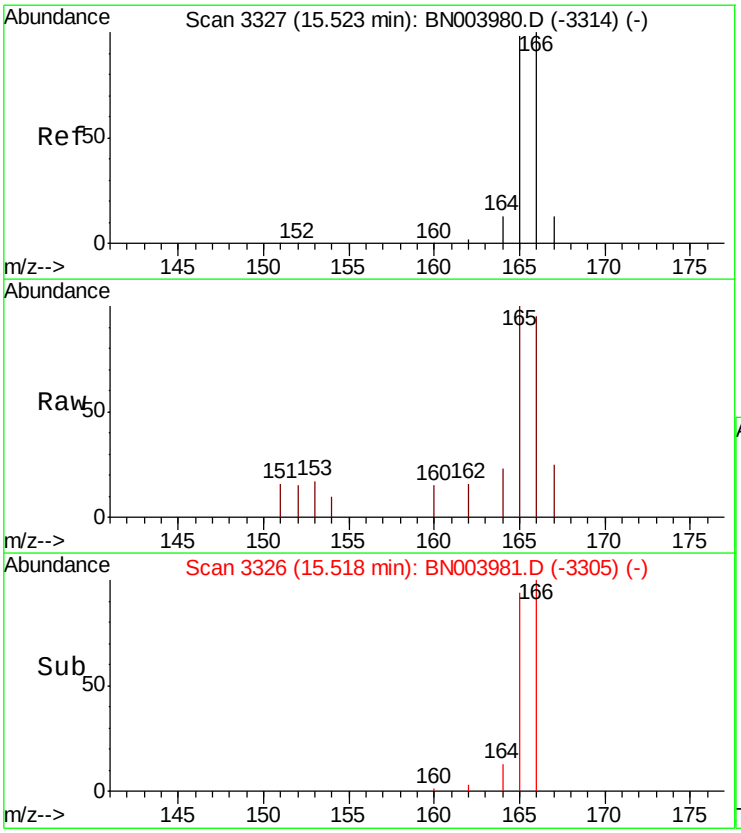
Tgt Ion:152 Resp: 1687

Ion	Ratio	Lower	Upper
152	100		
151	32.8	15.9	23.9#
153	30.0	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
F9Y15

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:12 PM

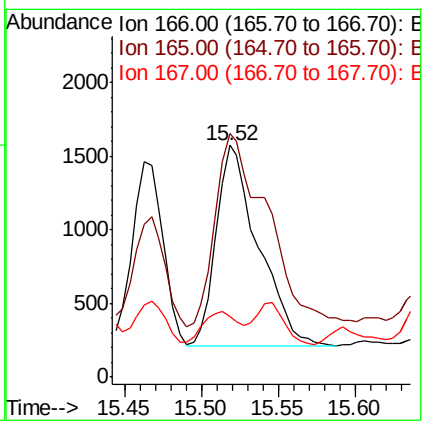


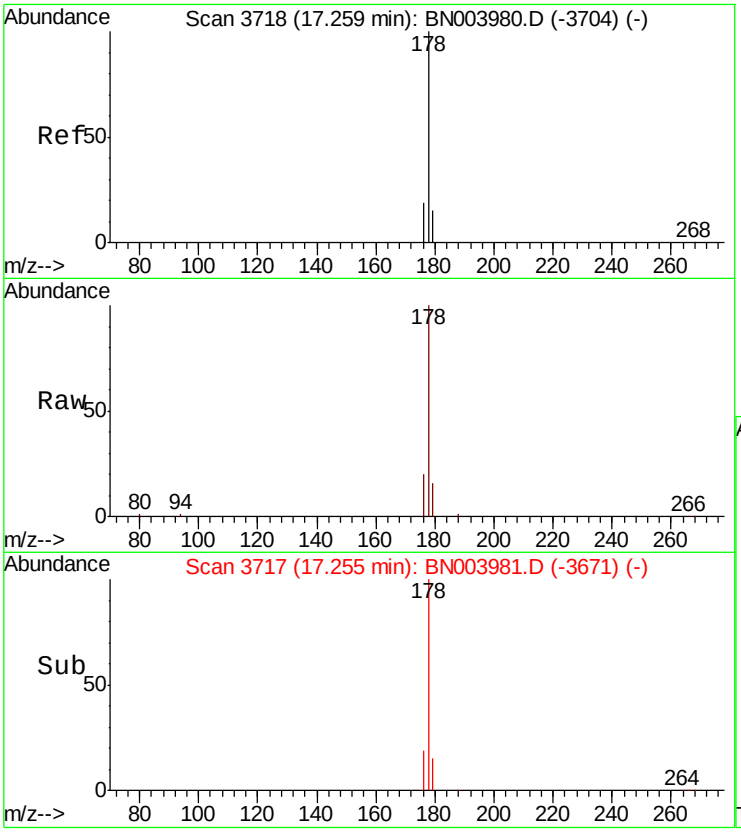


#9
Fluorene
Concen: 0.081 ng/ul
RT: 15.52 min Scan# 3326
Delta R.T. -0.00 min
Lab File: BN003981.D
Acq: 16 Dec 2018 05:19

Tgt Ion:166 Resp: 2573

Ion	Ratio	Lower	Upper
166	100		
165	105.0	78.3	117.5
167	26.3	11.3	16.9#

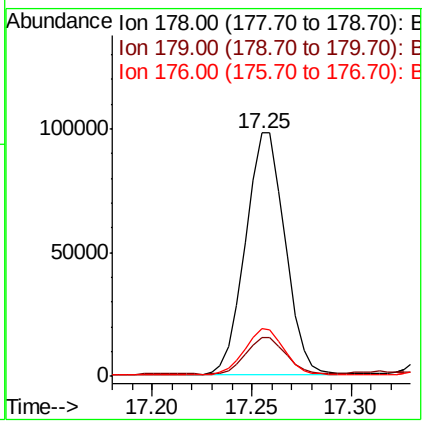




#12
Phenanthrene
Concen: 2.213 ng/ul m
RT: 17.25 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BN003981.D
Acq: 16 Dec 2018 05:19

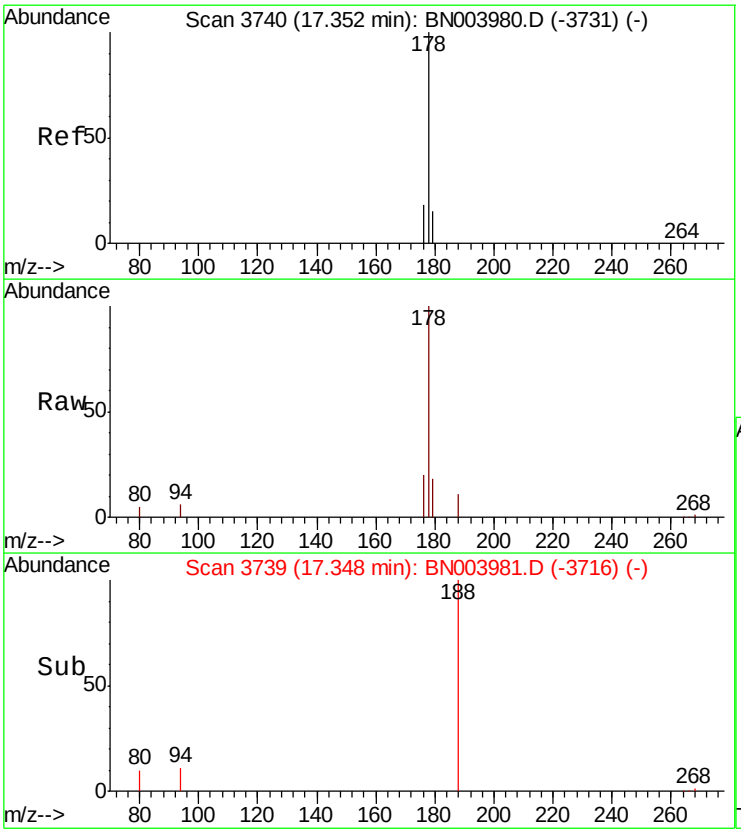
Tgt Ion:178 Resp: 135148

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	19.5	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
F9Y15

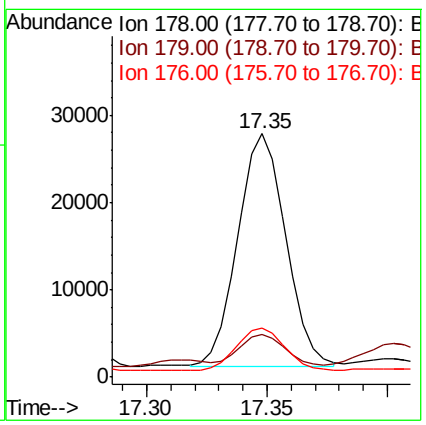
Manual Integrations APPROVED
Sohil
12/17/2018 4:24:12 PM

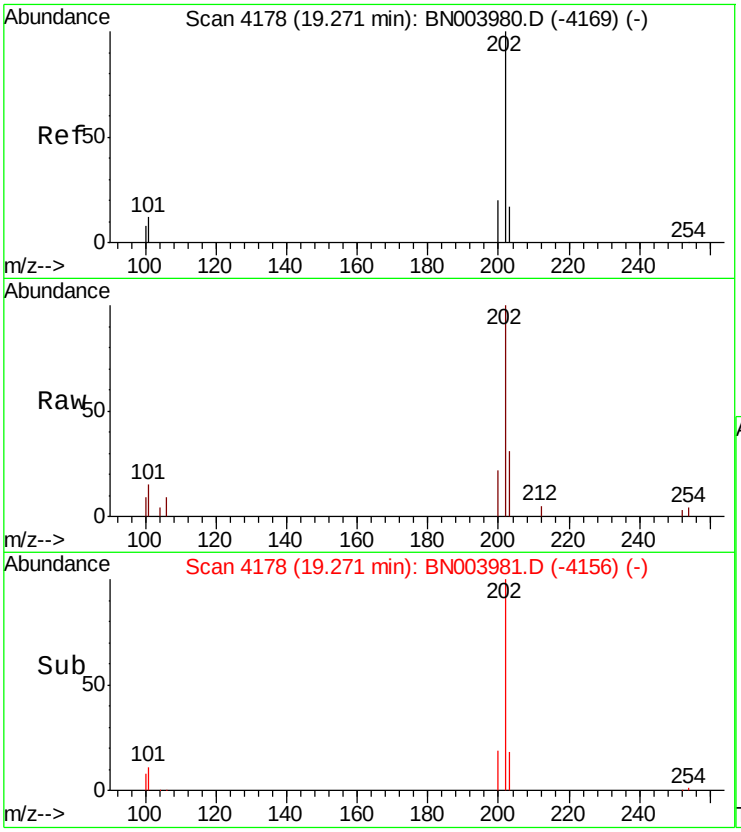


#13
Anthracene
Concen: 0.731 ng/ul m
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN003981.D
Acq: 16 Dec 2018 05:19

Tgt Ion:178 Resp: 36687

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.3	18.5
176	20.1	14.8	22.2

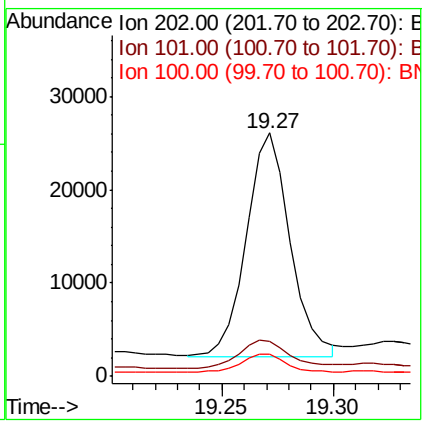




#15
Fluoranthene
Concen: 0.458 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. 0.00 min
Lab File: BN003981.D
Acq: 16 Dec 2018 05:19

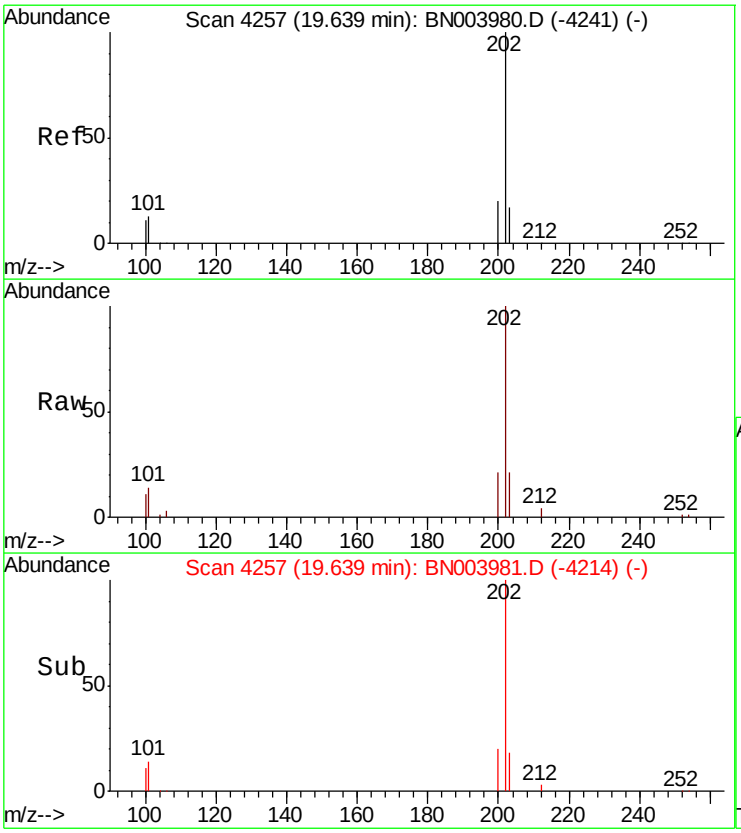
Tgt Ion:202 Resp: 33033

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	30.7
100	9.1	0.0	28.1



Instrument :
BNA_N
ClientSampleId :
F9Y15

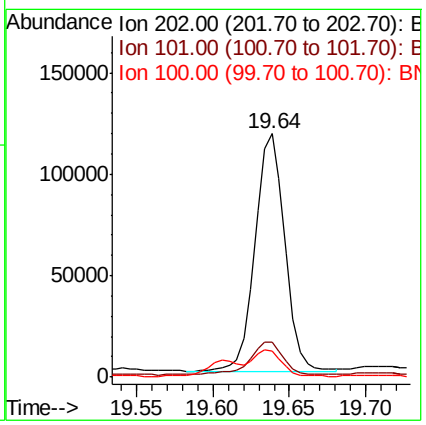
Manual Integrations APPROVED
Sohil
12/17/2018 4:24:12 PM

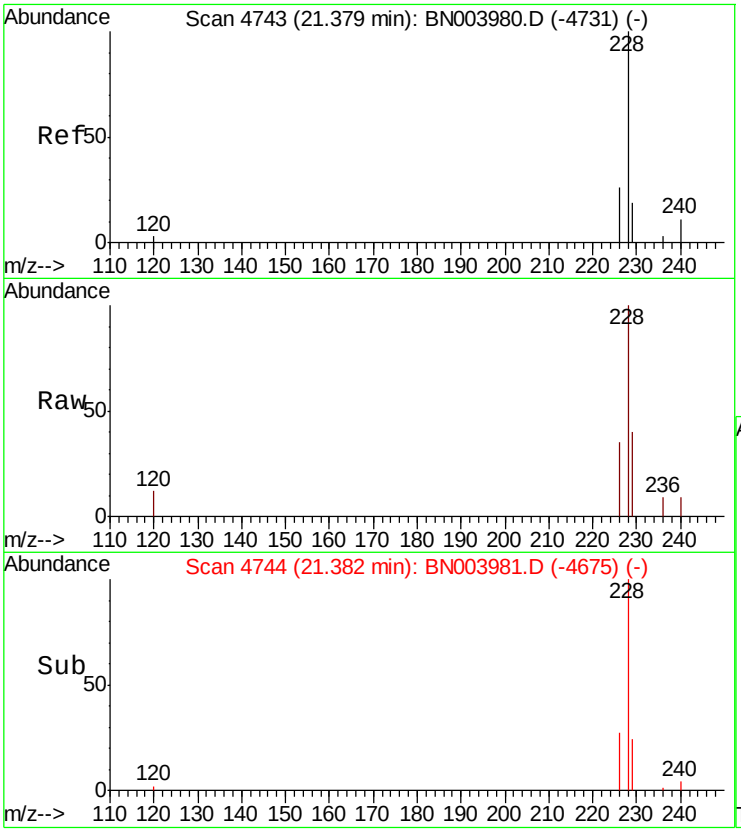


#17
Pyrene
Concen: 2.367 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BN003981.D
Acq: 16 Dec 2018 05:19

Tgt Ion:202 Resp: 158462

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.3	15.5
100	10.7	8.5	12.7





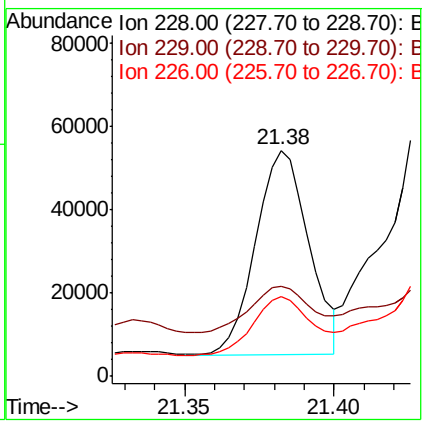
#18
Benzo(a)anthracene
Concen: 1.029 ng/ul m
RT: 21.38 min Scan# 4744
Delta R.T. 0.00 min
Lab File: BN003981.D
Acq: 16 Dec 2018 05:19

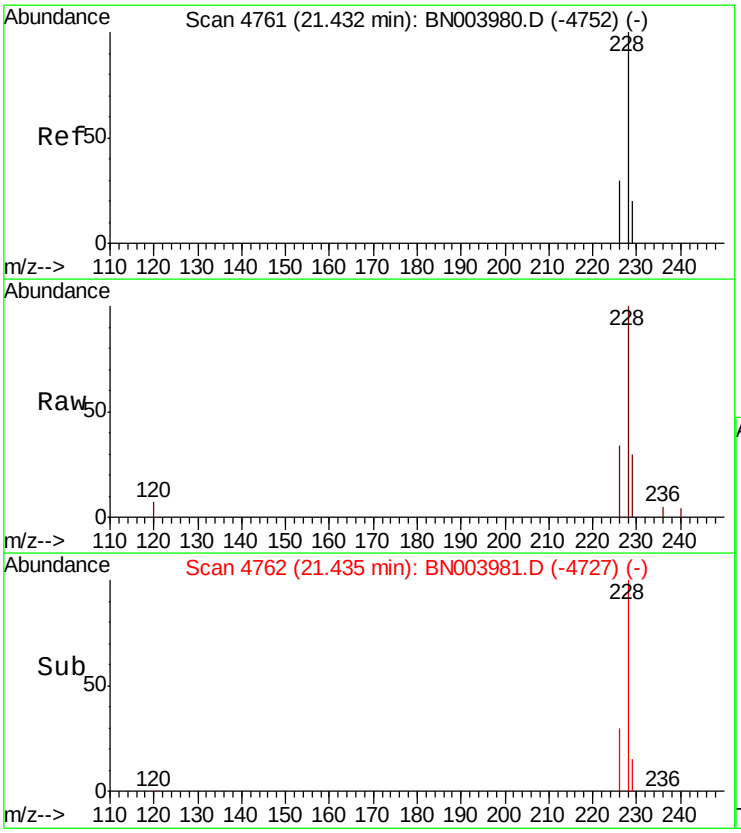
Tgt Ion:228 Resp: 60677

Ion	Ratio	Lower	Upper
228	100		
229	40.0	15.6	23.4#
226	35.0	21.1	31.7#

Instrument :
BNA_N
ClientSampleId :
F9Y15

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:12 PM

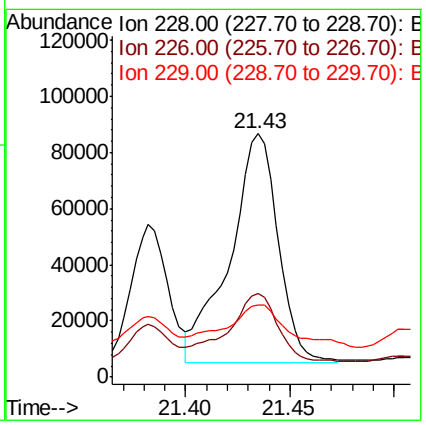


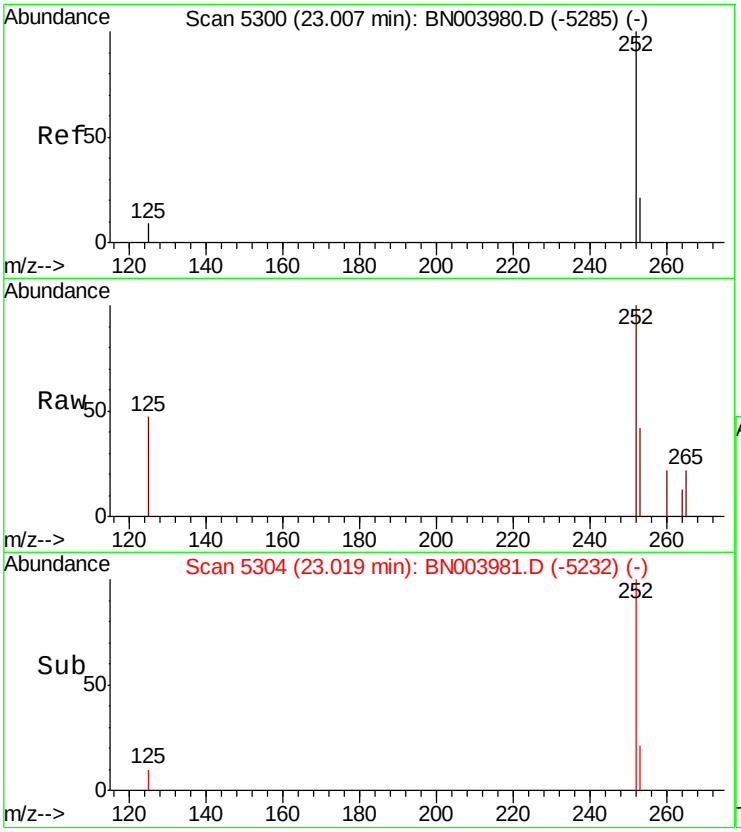


#19
Chrysene
Concen: 1.947 ng/ul m
RT: 21.43 min Scan# 4762
Delta R.T. 0.00 min
Lab File: BN003981.D
Acq: 16 Dec 2018 05:19

Tgt Ion:228 Resp: 131404

Ion	Ratio	Lower	Upper
228	100		
226	34.3	24.0	36.0
229	29.8	15.7	23.5#





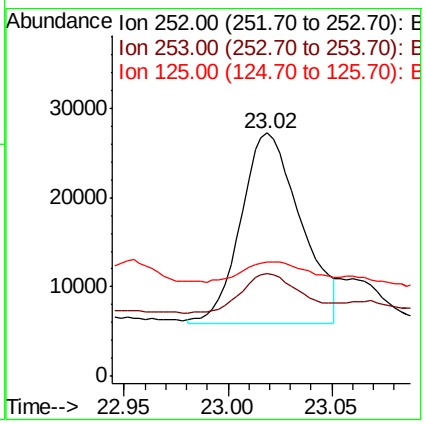
#21
Benzo(b)fluoranthene
Concen: 0.619 ng/ul m
RT: 23.02 min Scan# 5304
Delta R.T. 0.01 min
Lab File: BN003981.D
Acq: 16 Dec 2018 05:19

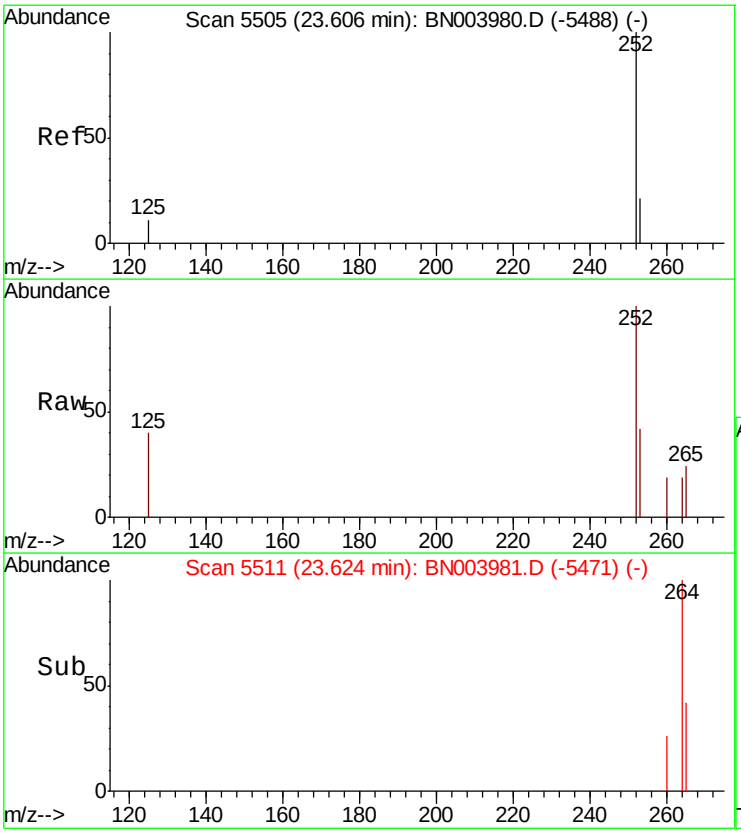
Tgt Ion:252 Resp: 42706

Ion	Ratio	Lower	Upper
252	100		
253	42.0	0.0	46.0
125	46.9	0.0	22.4#

Instrument :
BNA_N
ClientSampleId :
F9Y15

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:12 PM

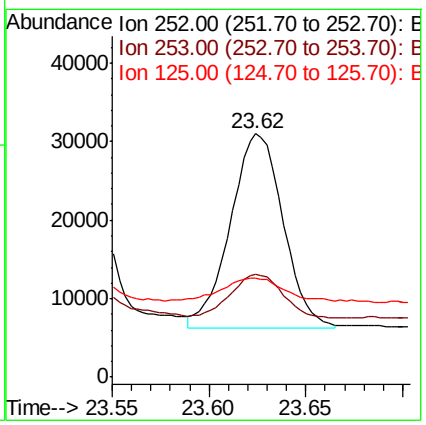


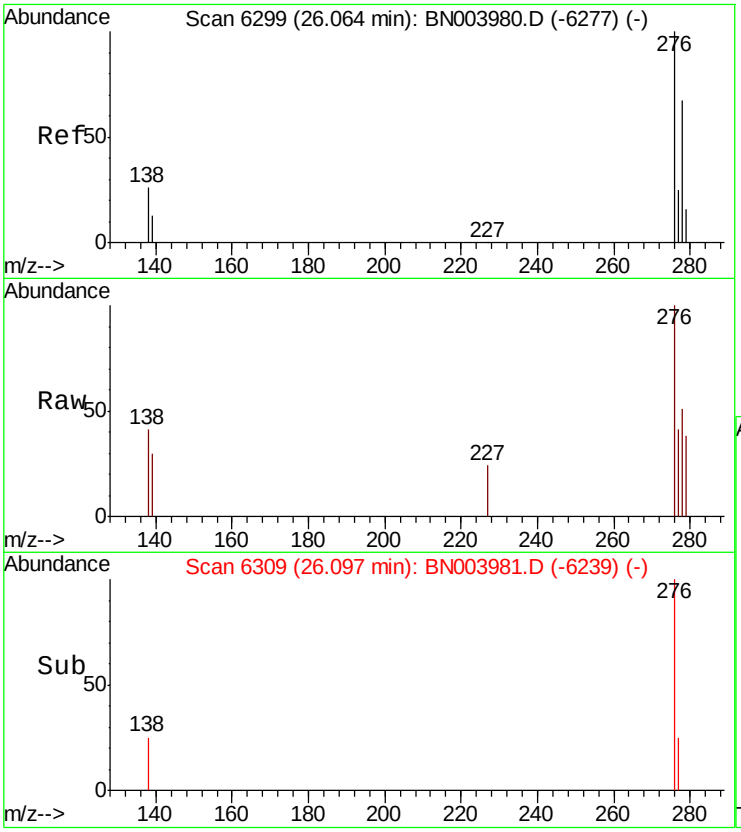


#23
Benzo(a)pyrene
Concen: 0.785 ng/ul m
RT: 23.62 min Scan# 5511
Delta R.T. 0.02 min
Lab File: BN003981.D
Acq: 16 Dec 2018 05:19

Tgt Ion:252 Resp: 46906

Ion	Ratio	Lower	Upper
252	100		
253	42.0	19.0	28.4#
125	40.4	10.2	15.4#





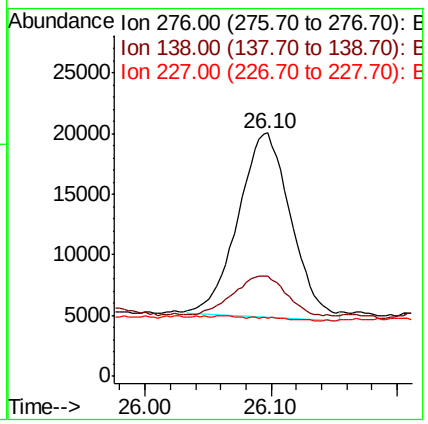
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.643 ng/ul m
RT: 26.10 min Scan# 6309
Delta R.T. 0.03 min
Lab File: BN003981.D
Acq: 16 Dec 2018 05:19

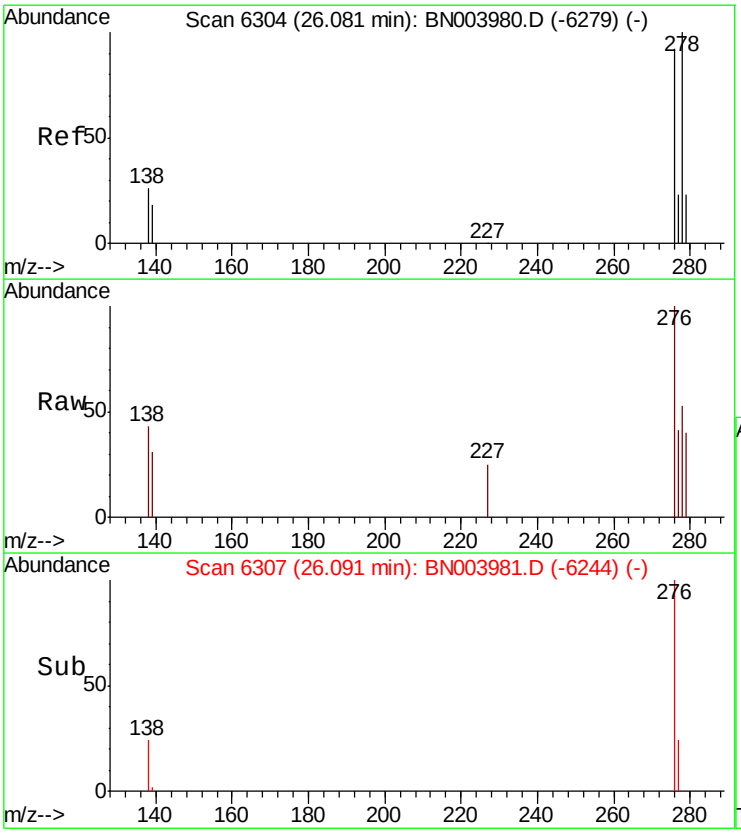
Tgt Ion:276 Resp: 44067

Ion	Ratio	Lower	Upper
276	100		
138	7.1	20.3	30.5#
227	1.5	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
F9Y15

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:12 PM

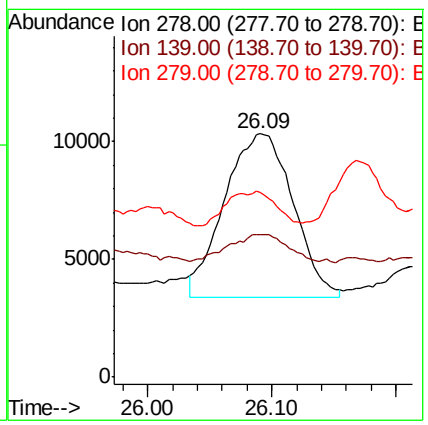


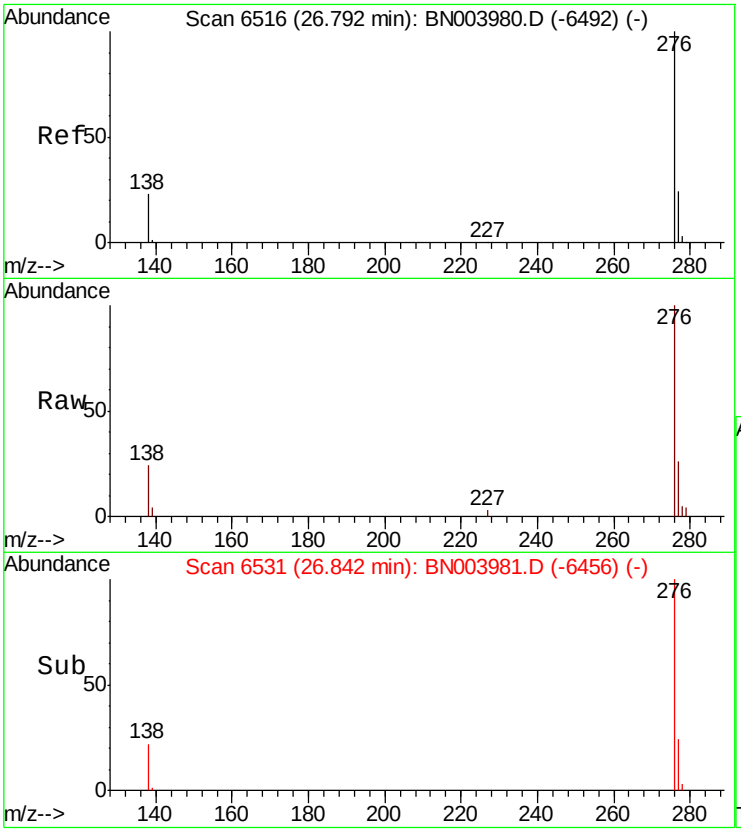


#25
Dibenzo(a,h)anthracene
Concen: 0.488 ng/ul m
RT: 26.09 min Scan# 6307
Delta R.T. 0.01 min
Lab File: BN003981.D
Acq: 16 Dec 2018 05:19

Tgt Ion:278 Resp: 26931

Ion	Ratio	Lower	Upper
278	100		
139	58.5	14.2	21.4#
279	75.7	19.8	29.6#

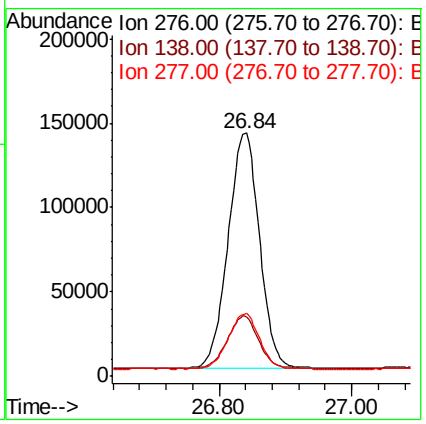




#26
Benzo(g,h,i)perylene
Concen: 7.702 ng/ul
RT: 26.84 min Scan# 6531
Delta R.T. 0.05 min
Lab File: BN003981.D
Acq: 16 Dec 2018 05:19

Tgt Ion:276 Resp: 458843

Ion	Ratio	Lower	Upper
276	100		
138	24.4	17.7	26.5
277	25.8	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
F9Y15

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:12 PM