Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080320\
Data File : BN011360.D
Acq On : 04 Aug 2020 10:43
Operator : CG/JU
Sample : L3443-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
8/5/2020 10:28:30 AM

Quant Time: Aug 04 12:00:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 03 10:06:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	804	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	3158	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.09	164	2053	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5022m	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	5472	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	6532	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	2724	0.34	ng/ul	0.00
14) Fluoranthene-d10	18.88	212	8895	0.37	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.81	152	275	0.028	ng/ul#	59
8) Acenaphthene	14.15	153	1523	0.195	ng/ul	99
9) Fluorene	15.15	166	360	0.039	ng/ul#	93
12) Phenanthrene	16.89	178	676	0.041	ng/ul#	76
13) Anthracene	16.97	178	736	0.051	ng/ul#	78
15) Fluoranthene	18.92	202	3917	0.191	ng/ul	93
17) Pyrene	19.28	202	3097m	0.125	ng/ul	
18) Benzo(a)anthracene	21.05	228	1328m	0.063	ng/ul	
19) Chrysene	21.10	228	5978	0.248	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	5214m	0.191	ng/ul	
22) Benzo(k)fluoranthene	22.60	252	2070m	0.068	ng/ul	
23) Benzo(a)pyrene	23.09	252	2015	0.085	ng/ul#	65
24) Indeno(1,2,3-cd)pyrene	25.25	276	2984	0.120	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.26	278	702	0.035	ng/ul#	19
26) Benzo(g,h,i)perylene	25.87	276	3197	0.142	ng/ul#	91

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

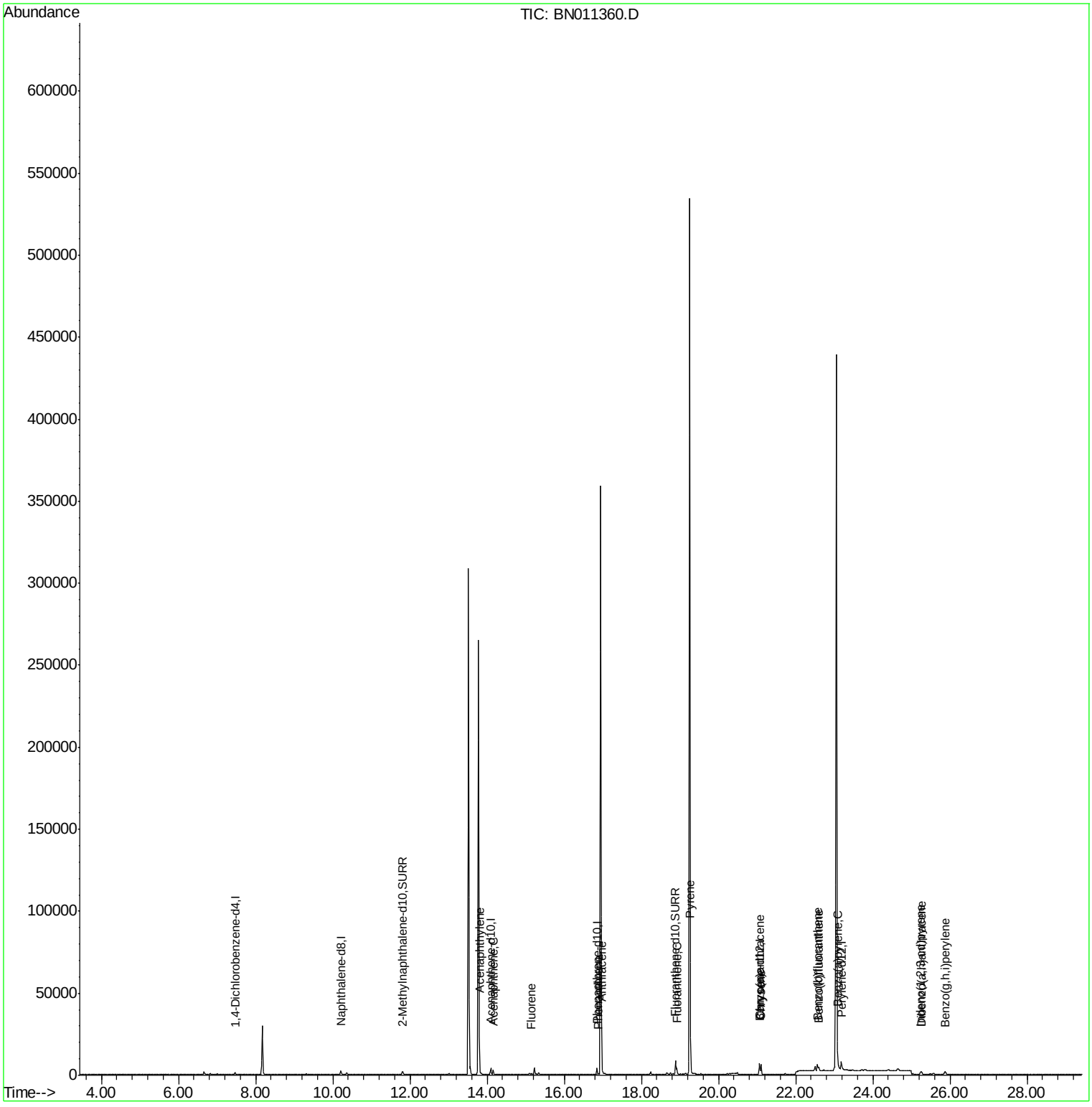
Quantitation Report (QT Reviewed)

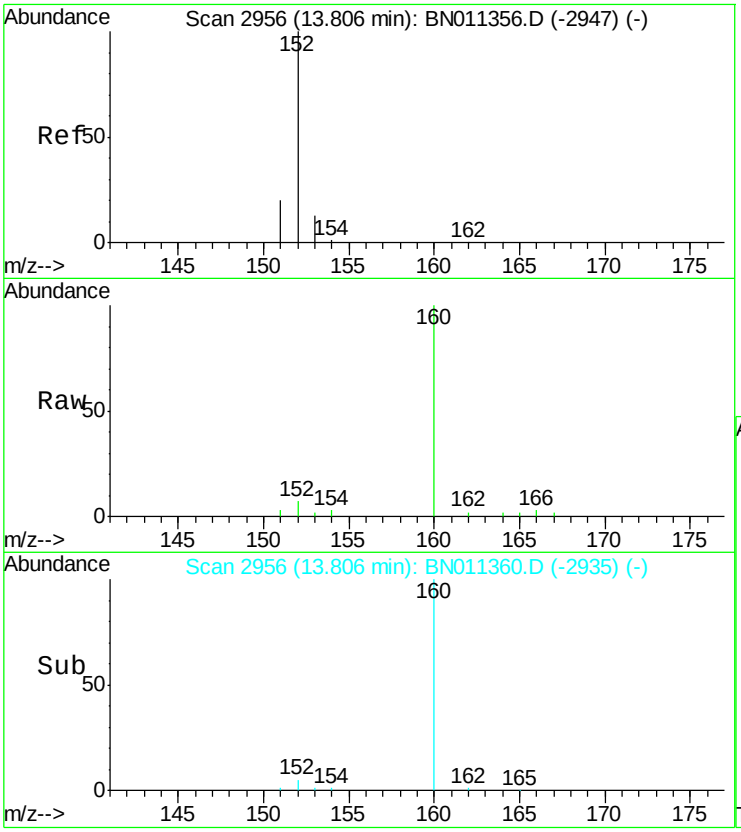
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080320\
Data File : BN011360.D
Acq On : 04 Aug 2020 10:43
Operator : CG/JU
Sample : L3443-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 04 12:00:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 03 10:06:56 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
8/5/2020 10:28:30 AM





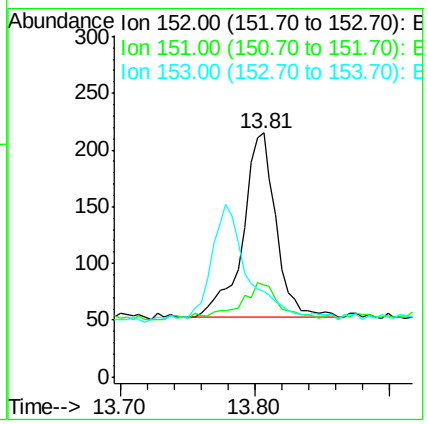
#7
Acenaphthylene
Concen: 0.028 ng/ul
RT: 13.81 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BN011360.D
Acq: 04 Aug 2020 10:43

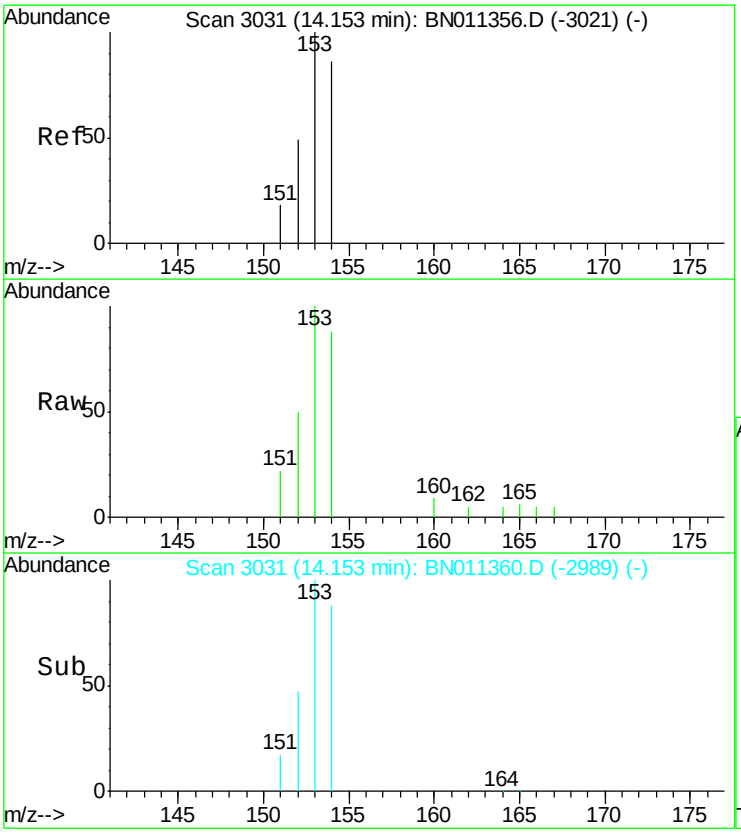
Tgt Ion:152 Resp: 275

Ion	Ratio	Lower	Upper
152	100		
151	37.7	17.1	25.7#
153	34.9	11.4	17.0#

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
8/5/2020 10:28:30 AM

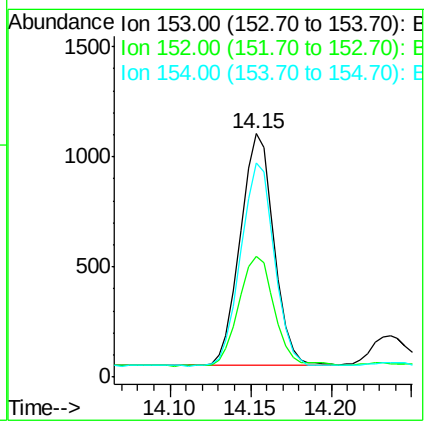


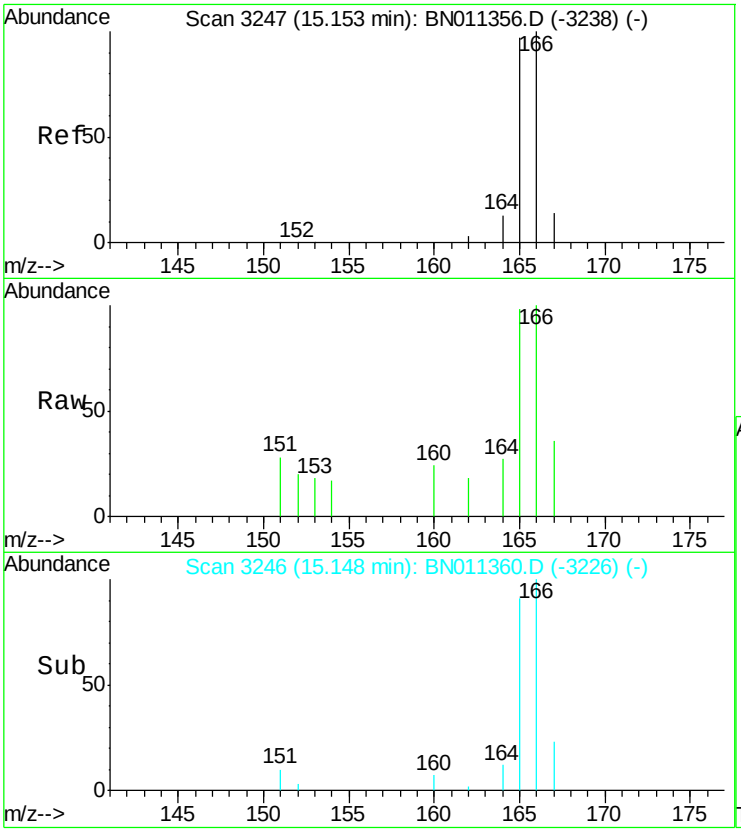


#8
Acenaphthene
Concen: 0.195 ng/ul
RT: 14.15 min Scan# 3031
Delta R.T. -0.00 min
Lab File: BN011360.D
Acq: 04 Aug 2020 10:43

Tgt Ion:153 Resp: 1523

Ion	Ratio	Lower	Upper
153	100		
152	49.8	40.5	60.7
154	88.0	69.5	104.3

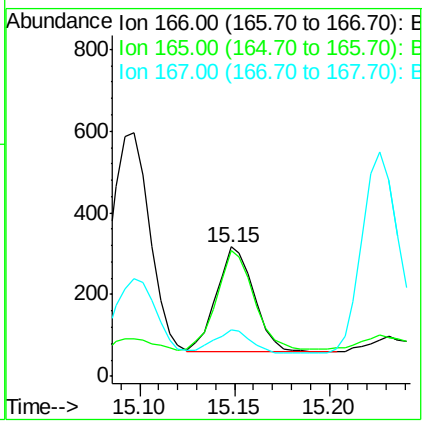




#9
Fluorene
Concen: 0.039 ng/ul
RT: 15.15 min Scan# 3246
Delta R.T. -0.01 min
Lab File: BN011360.D
Acq: 04 Aug 2020 10:43

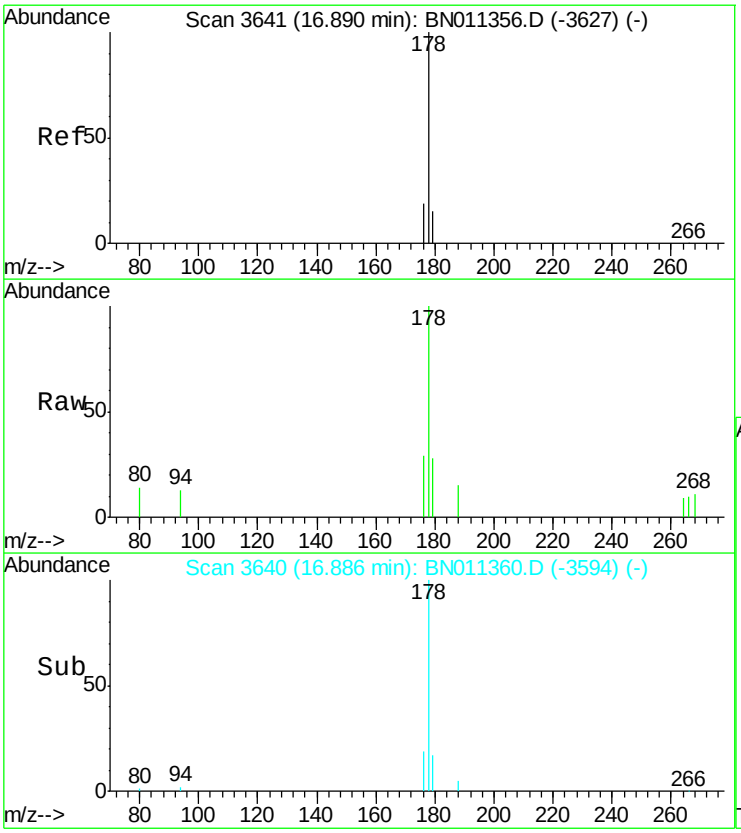
Tgt Ion:166 Resp: 360

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.8	118.2
167	36.1	12.1	18.1#



Instrument :
BNA_N
ClientSampleId :
C0AB1

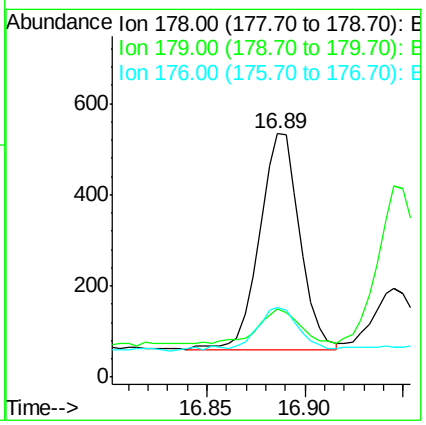
Manual Integrations APPROVED
mohammad
8/5/2020 10:28:30 AM

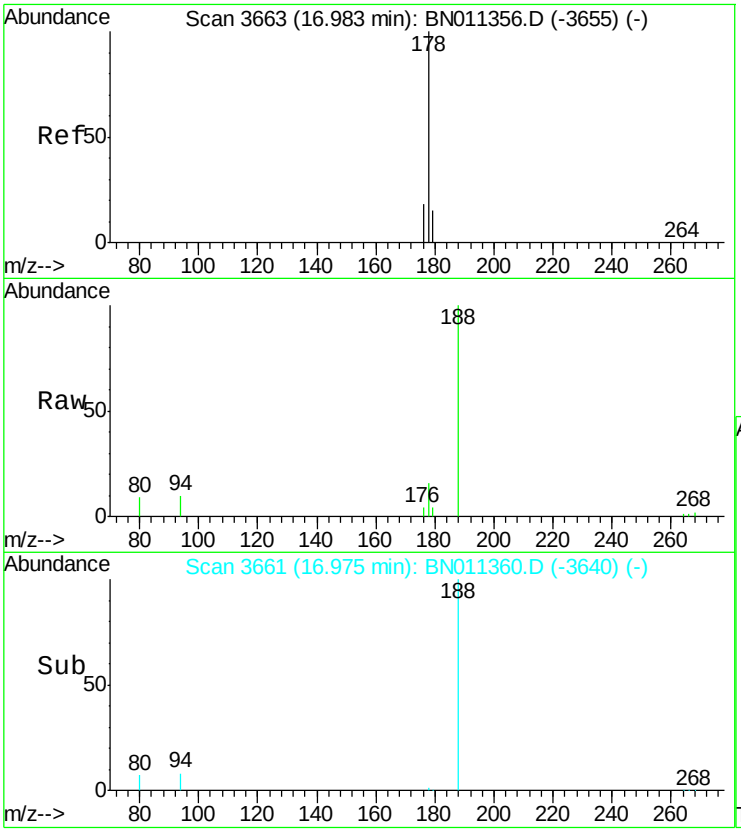


#12
Phenanthrene
Concen: 0.041 ng/ul
RT: 16.89 min Scan# 3640
Delta R.T. -0.00 min
Lab File: BN011360.D
Acq: 04 Aug 2020 10:43

Tgt Ion:178 Resp: 676

Ion	Ratio	Lower	Upper
178	100		
179	28.3	12.6	18.8#
176	28.7	15.7	23.5#





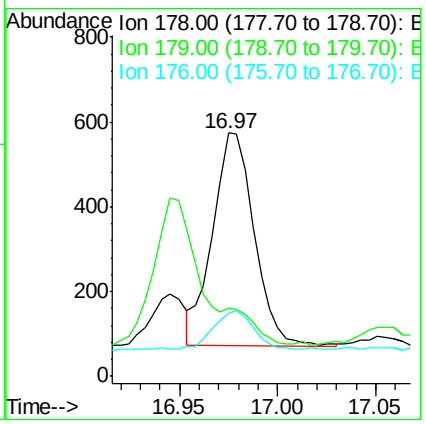
#13
Anthracene
Concen: 0.051 ng/ul
RT: 16.97 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BN011360.D
Acq: 04 Aug 2020 10:43

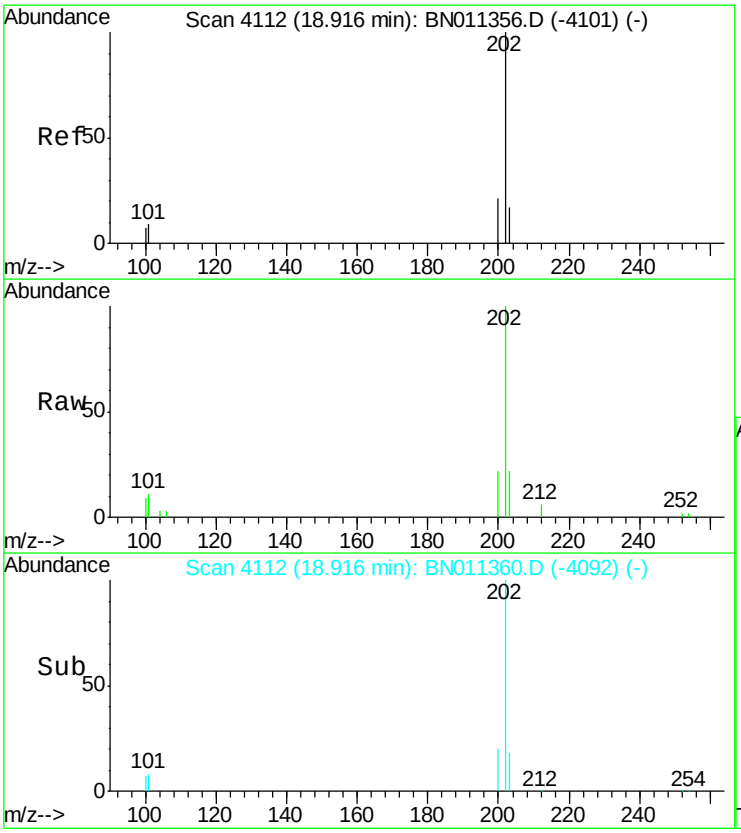
Tgt Ion:178 Resp: 736

Ion	Ratio	Lower	Upper
178	100		
179	27.9	13.1	19.7#
176	26.1	14.8	22.2#

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
8/5/2020 10:28:30 AM

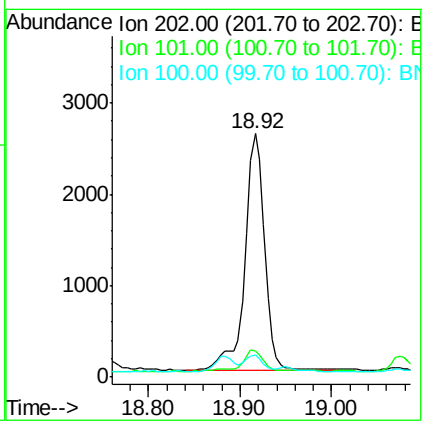


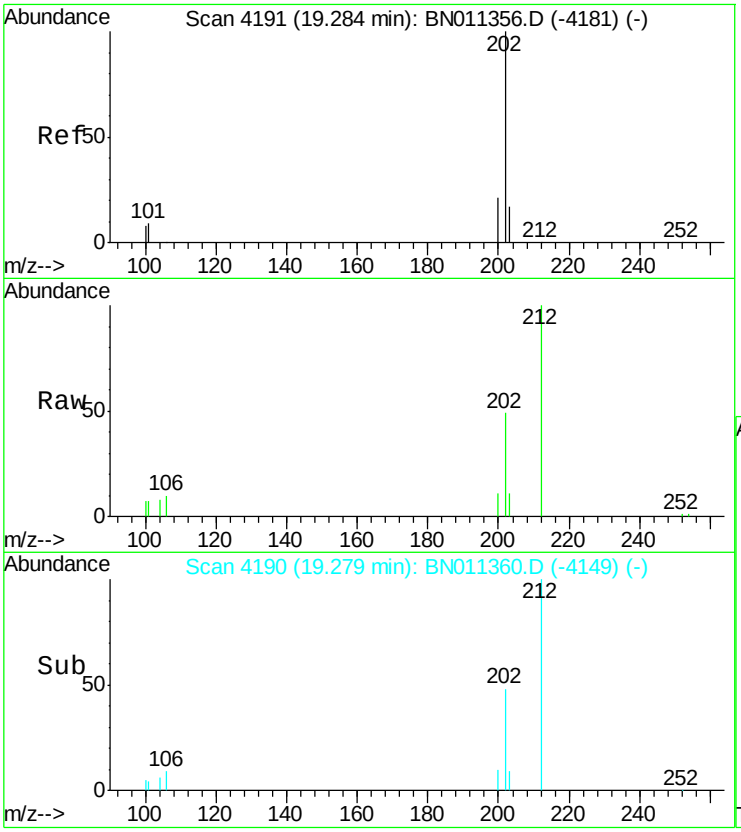


#15
Fluoranthene
Concen: 0.191 ng/ul
RT: 18.92 min Scan# 4112
Delta R.T. -0.00 min
Lab File: BN011360.D
Acq: 04 Aug 2020 10:43

Tgt Ion:202 Resp: 3917

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	28.2
100	9.0	0.0	26.8





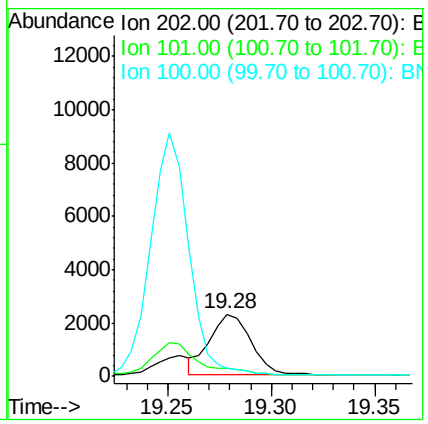
#17
Pyrene
Concen: 0.125 ng/ul m
RT: 19.28 min Scan# 4190
Delta R.T. -0.01 min
Lab File: BN011360.D
Acq: 04 Aug 2020 10:43

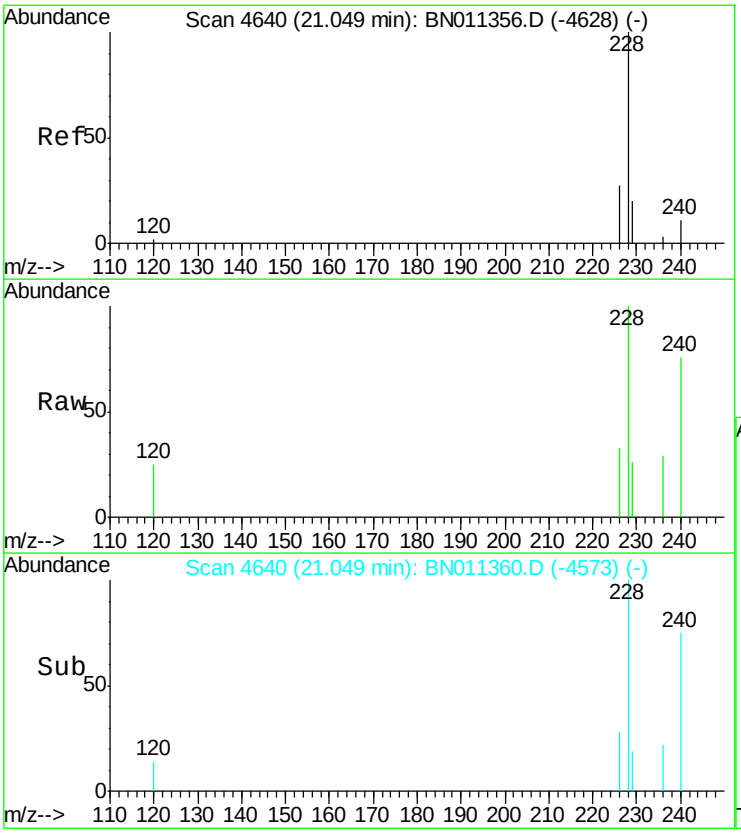
Tgt Ion:202 Resp: 3097

Ion	Ratio	Lower	Upper
202	100		
101	13.6	8.5	12.7#
100	13.9	7.1	10.7#

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
8/5/2020 10:28:30 AM

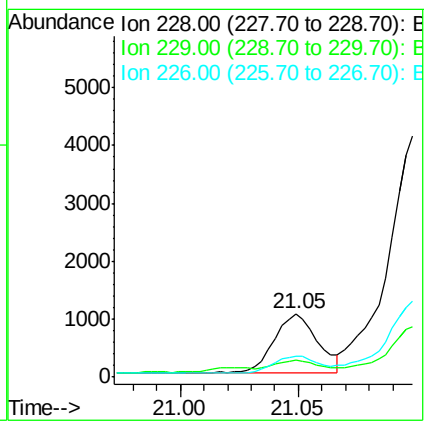


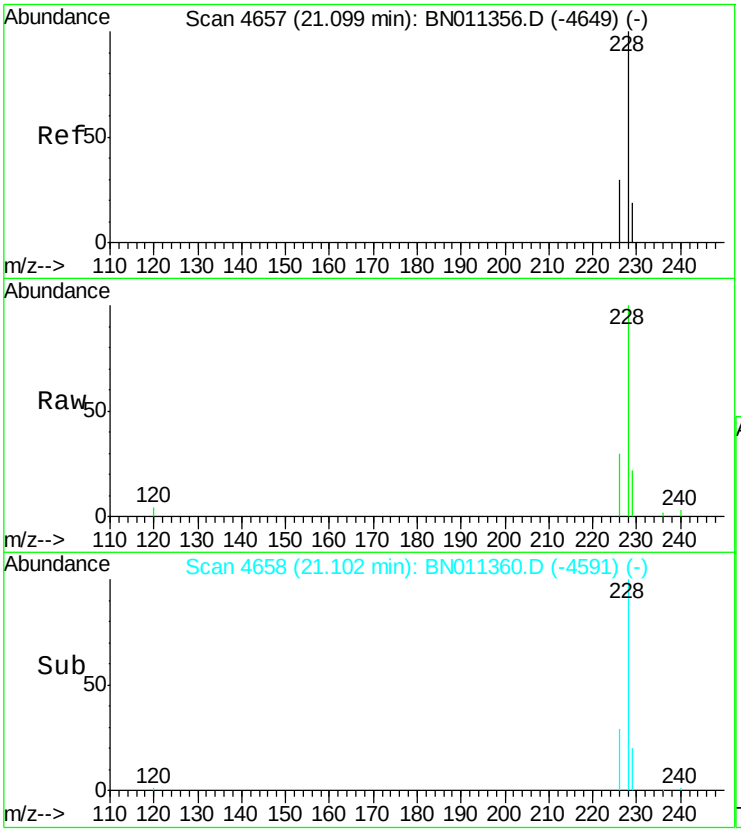


#18
Benzo(a)anthracene
Concen: 0.063 ng/ul m
RT: 21.05 min Scan# 4640
Delta R.T. -0.00 min
Lab File: BN011360.D
Acq: 04 Aug 2020 10:43

Tgt Ion:228 Resp: 1328

Ion	Ratio	Lower	Upper
228	100		
229	26.0	16.1	24.1#
226	32.7	22.2	33.2

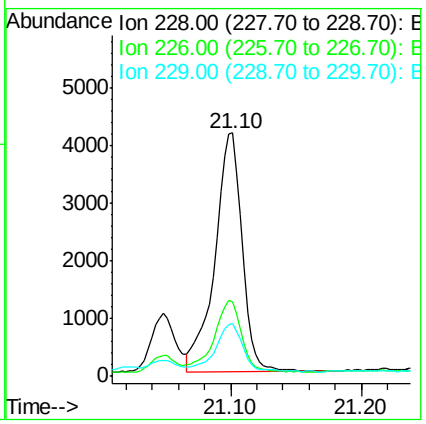




#19
Chrysene
Concen: 0.248 ng/ul
RT: 21.10 min Scan# 4658
Delta R.T. -0.00 min
Lab File: BN011360.D
Acq: 04 Aug 2020 10:43

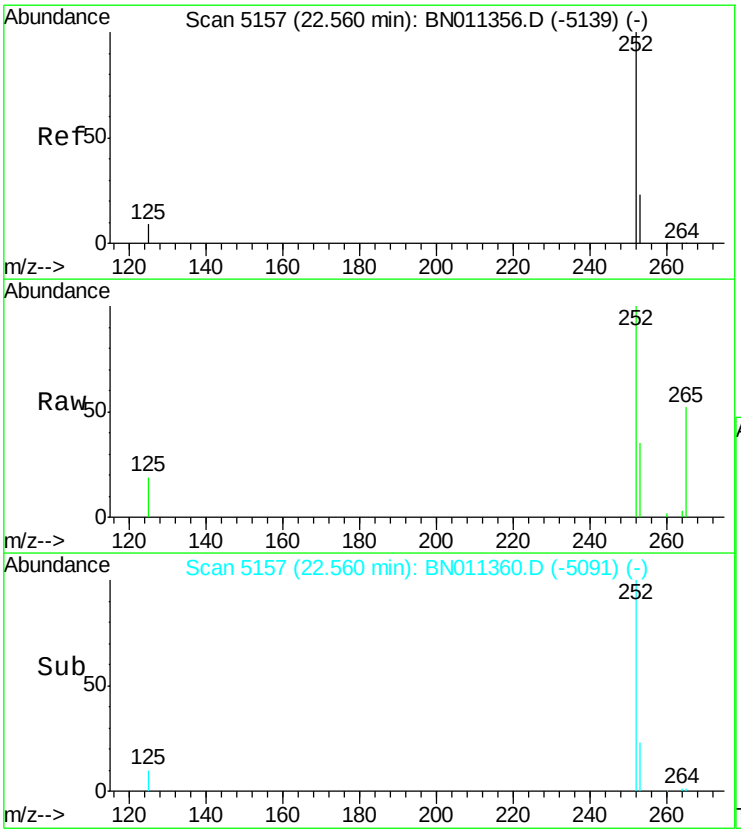
Tgt Ion:228 Resp: 5978

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	21.6	15.8	23.6



Instrument :
BNA_N
ClientSampleId :
C0AB1

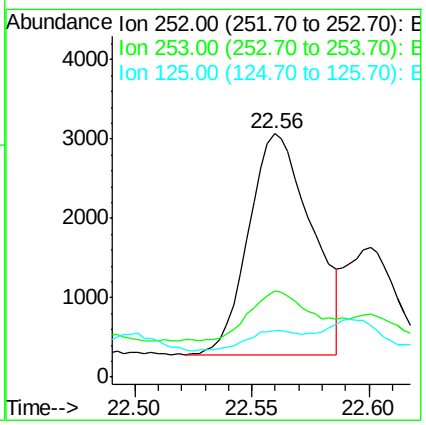
Manual Integrations APPROVED
mohammad
8/5/2020 10:28:30 AM

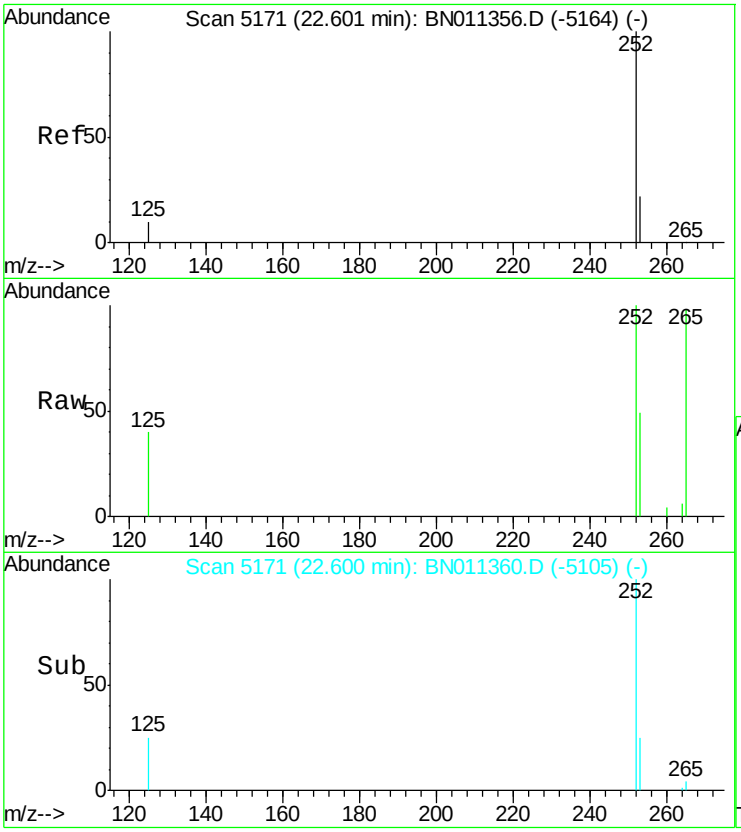


#21
Benzo(b)fluoranthene
Concen: 0.191 ng/ul m
RT: 22.56 min Scan# 5157
Delta R.T. -0.01 min
Lab File: BN011360.D
Acq: 04 Aug 2020 10:43

Tgt Ion:252 Resp: 5214

Ion	Ratio	Lower	Upper
252	100		
253	35.3	0.0	51.8
125	19.2	0.0	24.2





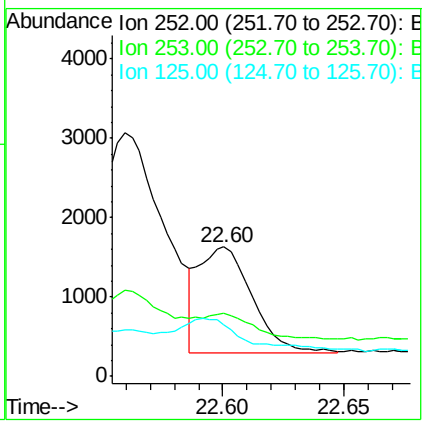
#22
Benzo(k)fluoranthene
Concen: 0.068 ng/ul m
RT: 22.60 min Scan# 5171
Delta R.T. -0.01 min
Lab File: BN011360.D
Acq: 04 Aug 2020 10:43

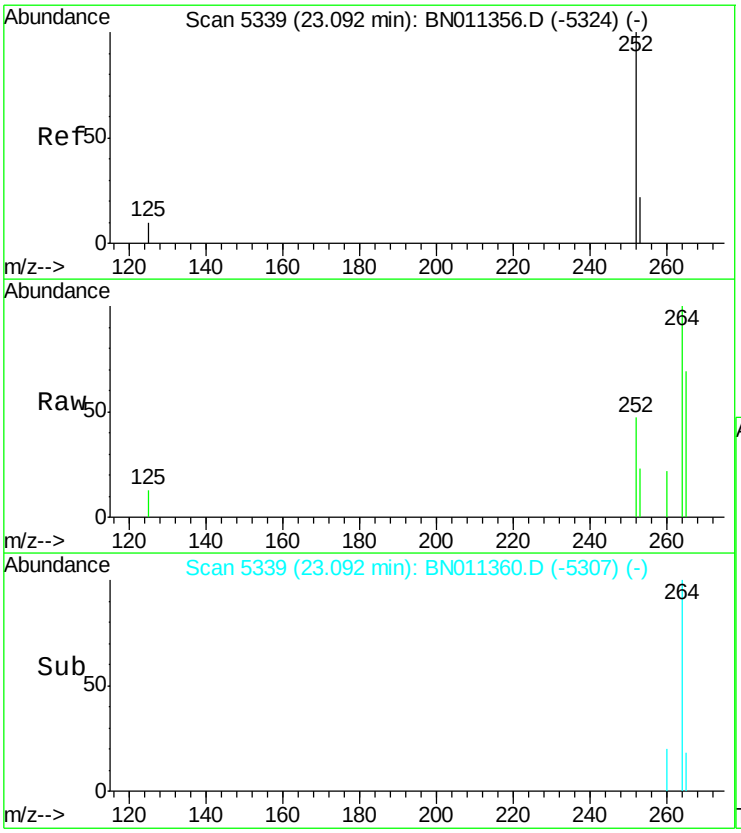
Tgt Ion:252 Resp: 2070

Ion	Ratio	Lower	Upper
252	100		
253	48.7	21.4	32.0#
125	39.7	12.6	18.8#

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
8/5/2020 10:28:30 AM

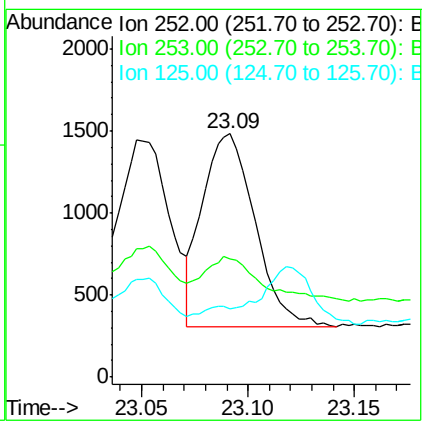


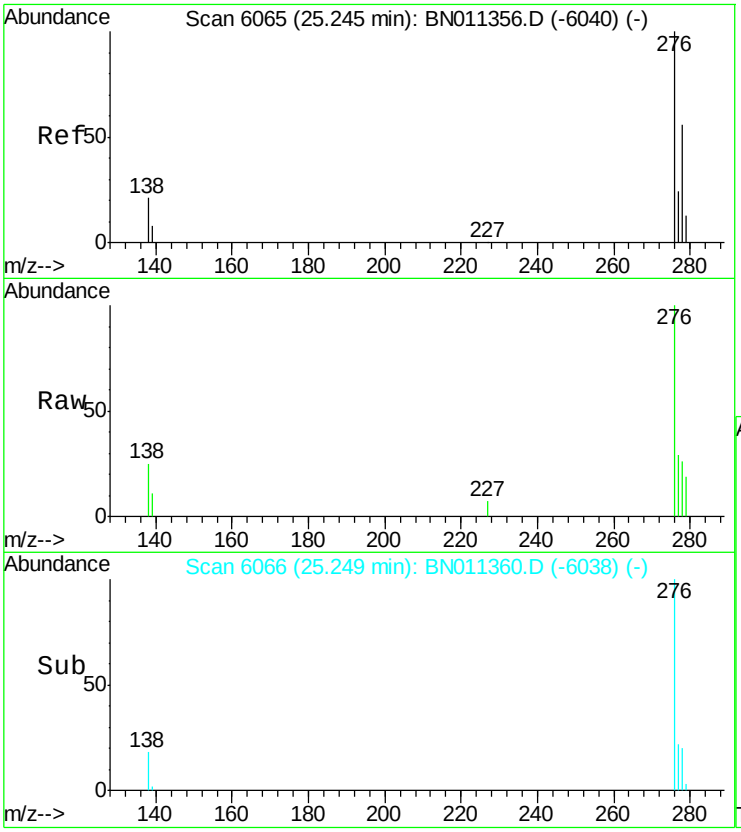


#23
Benzo(a)pyrene
Concen: 0.085 ng/ul
RT: 23.09 min Scan# 5339
Delta R.T. -0.01 min
Lab File: BN011360.D
Acq: 04 Aug 2020 10:43

Tgt Ion:252 Resp: 2015

Ion	Ratio	Lower	Upper
252	100		
253	48.6	22.6	34.0#
125	28.2	12.6	18.8#





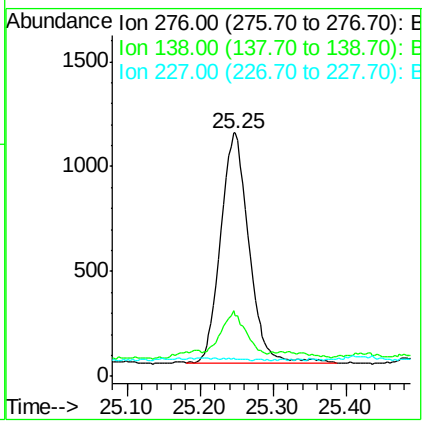
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.120 ng/ul
RT: 25.25 min Scan# 6066
Delta R.T. -0.01 min
Lab File: BN011360.D
Acq: 04 Aug 2020 10:43

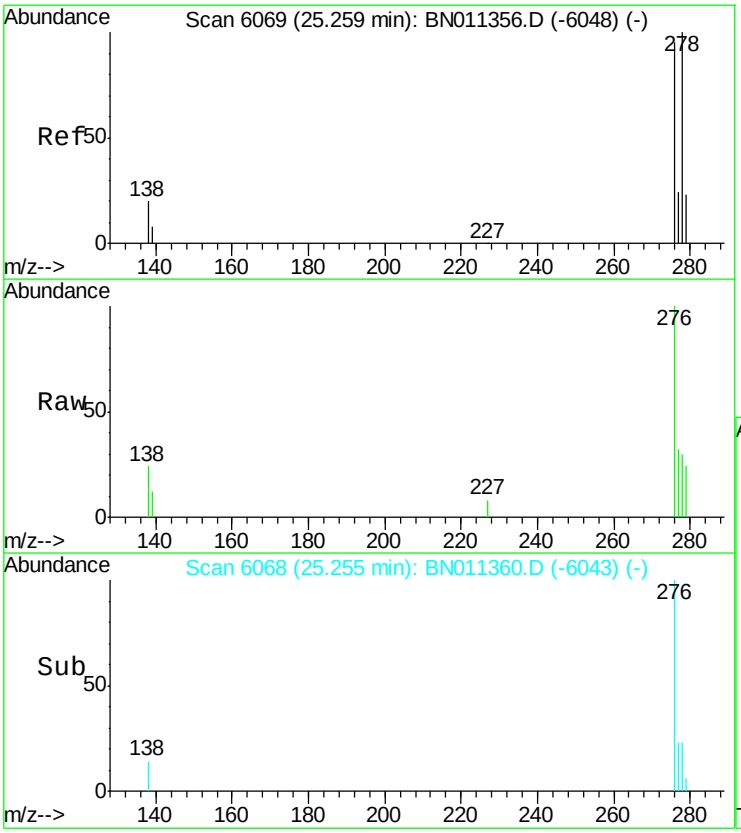
Tgt Ion:276 Resp: 2984

Ion	Ratio	Lower	Upper
276	100		
138	16.2	18.1	27.1#
227	0.1	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
8/5/2020 10:28:30 AM

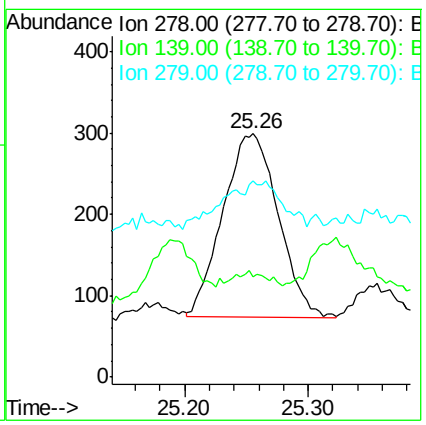


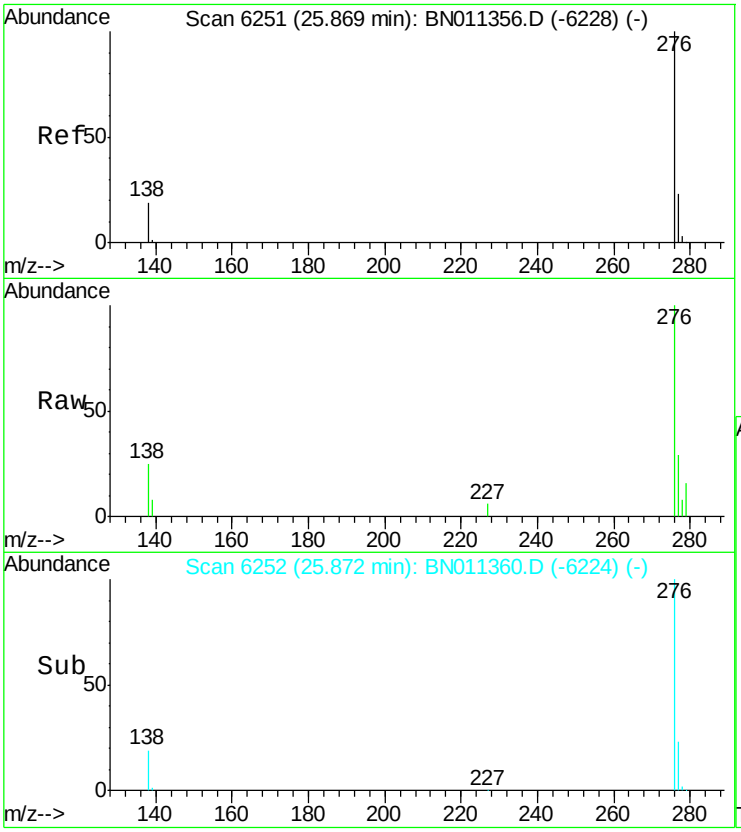


#25
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 25.26 min Scan# 6068
Delta R.T. -0.02 min
Lab File: BN011360.D
Acq: 04 Aug 2020 10:43

Tgt Ion:278 Resp: 702

Ion	Ratio	Lower	Upper
278	100		
139	41.1	14.0	21.0#
279	80.6	22.9	34.3#

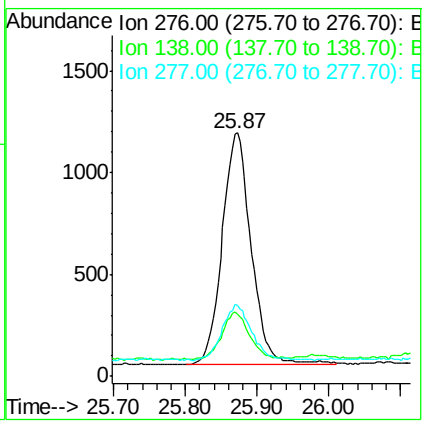




#26
Benzo(g,h,i)perylene
Concen: 0.142 ng/ul
RT: 25.87 min Scan# 6252
Delta R.T. -0.01 min
Lab File: BN011360.D
Acq: 04 Aug 2020 10:43

Tgt Ion:276 Resp: 3197

Ion	Ratio	Lower	Upper
276	100		
138	25.2	16.4	24.6#
277	29.2	20.2	30.4



Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
8/5/2020 10:28:30 AM