Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011710.D
Acq On : 04 Sep 2020 19:57
Operator : CG/JU
Sample : L3840-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 05 02:18:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 01:53:42 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA3

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:07 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2486	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9745	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	5511	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	11804m	0.40	ng/ul	0.00
16) Chrysene-d12	21.32	240	10500	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	10807	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	3226	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	6682	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	1357	0.048	ng/ul#	89
7) Acenaphthylene	14.10	152	1615	0.058	ng/ul	95
12) Phenanthrene	17.16	178	1582	0.040	ng/ul	94
13) Anthracene	17.26	178	1827	0.056	ng/ul	96
15) Fluoranthene	19.19	202	3830	0.083	ng/ul	93
17) Pyrene	19.55	202	7608m	0.185	ng/ul	
18) Benzo(a)anthracene	21.30	228	5260	0.149	ng/ul	96
19) Chrysene	21.35	228	10688	0.225	ng/ul	99
21) Benzo(b)fluoranthene	22.90	252	17069m	0.363	ng/ul	
22) Benzo(k)fluoranthene	22.94	252	6946m	0.134	ng/ul	
23) Benzo(a)pyrene	23.47	252	10540	0.267	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.83	276	7030	0.132	ng/ul#	57
25) Dibenzo(a,h)anthracene	25.85	278	2063	0.047	ng/ul#	72
26) Benzo(g,h,i)perylene	26.53	276	6370	0.128	ng/ul	96

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

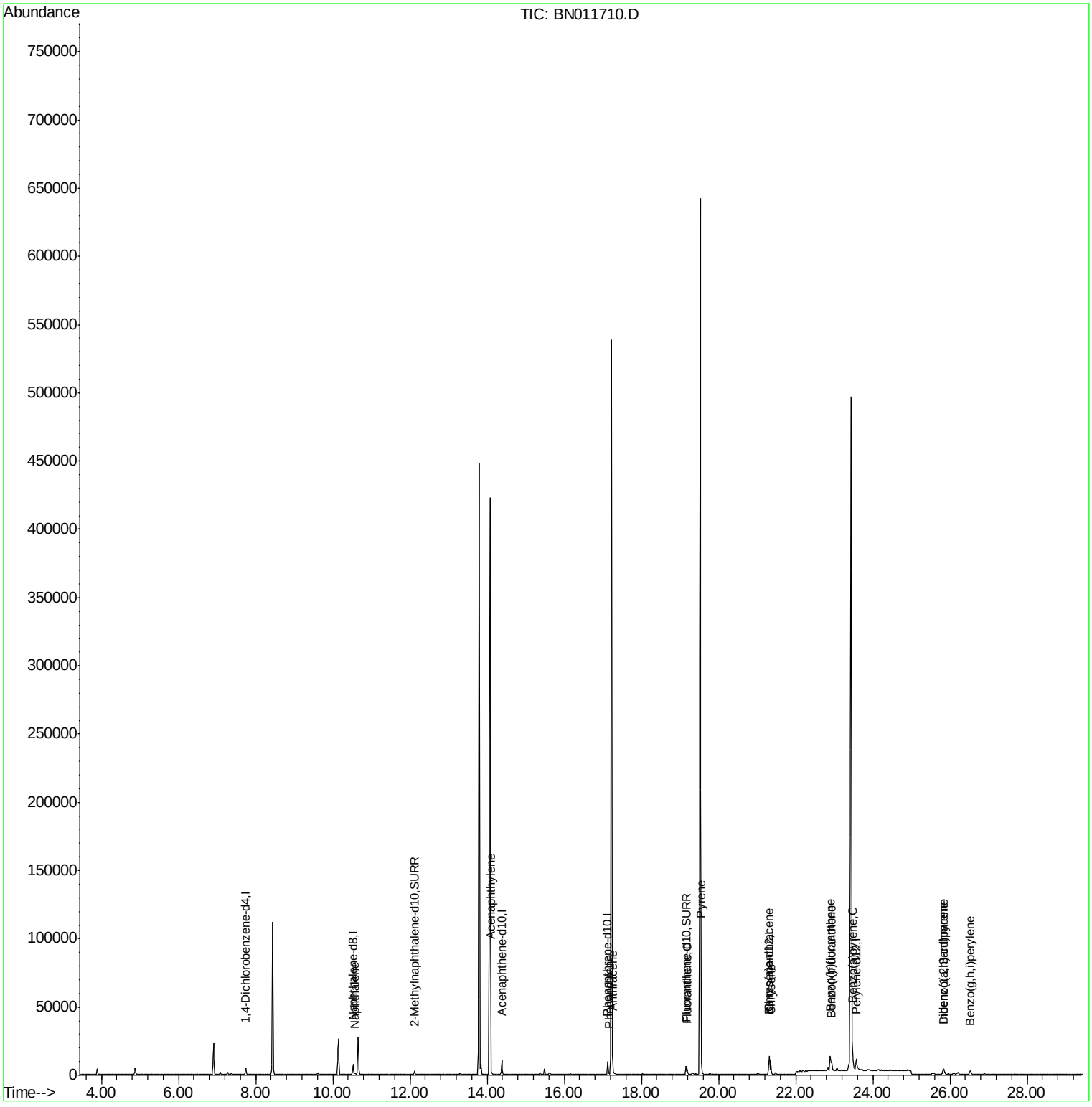
Quantitation Report (QT Reviewed)

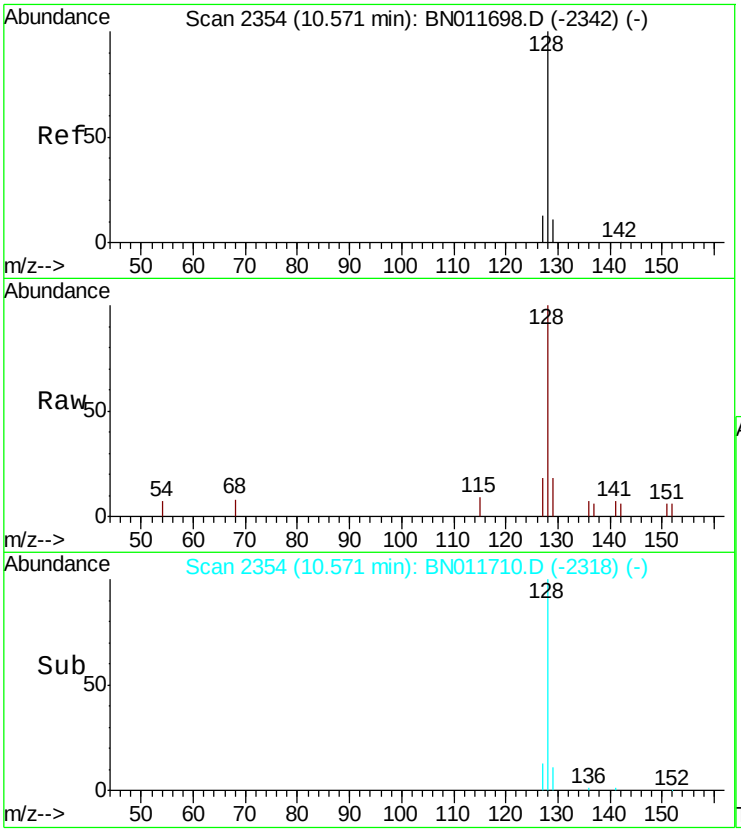
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011710.D
Acq On : 04 Sep 2020 19:57
Operator : CG/JU
Sample : L3840-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 05 02:18:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 01:53:42 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA3

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:07 PM





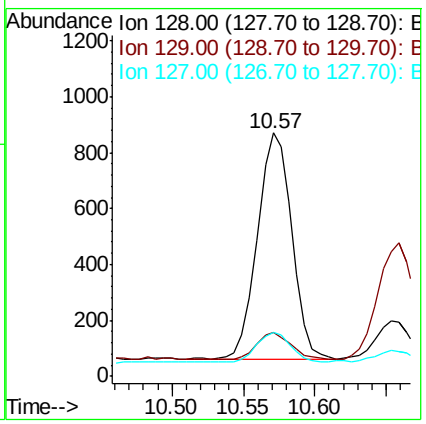
#3
Naphthalene
Concen: 0.048 ng/ul
RT: 10.57 min Scan# 2354
Delta R.T. 0.00 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

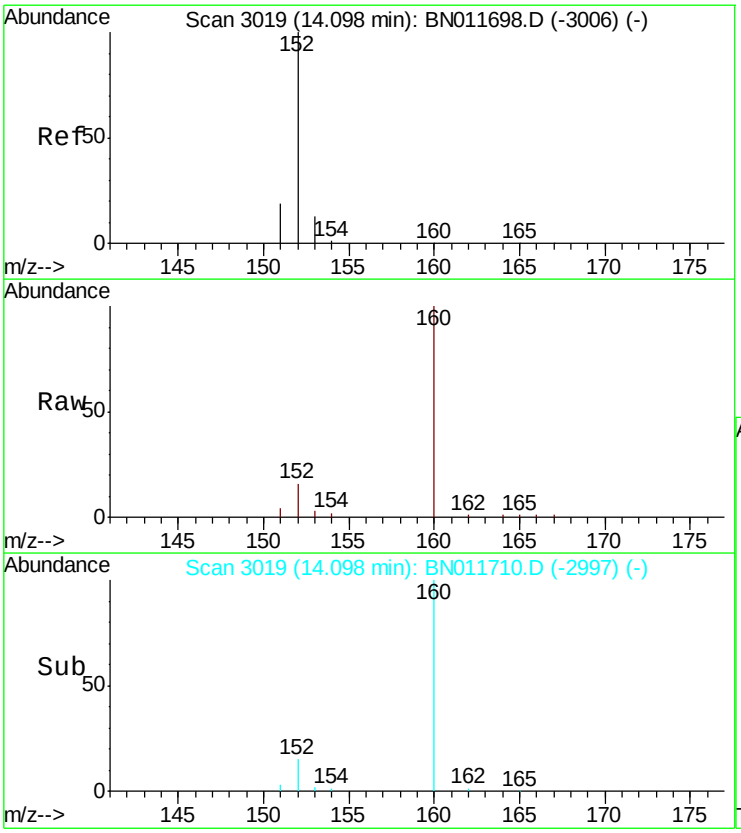
Tgt Ion:128 Resp: 1357

Ion	Ratio	Lower	Upper
128	100		
129	18.0	10.4	15.6#
127	18.1	11.4	17.0#

Instrument :
BNA_N
ClientSampleId :
C0AA3

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:07 PM

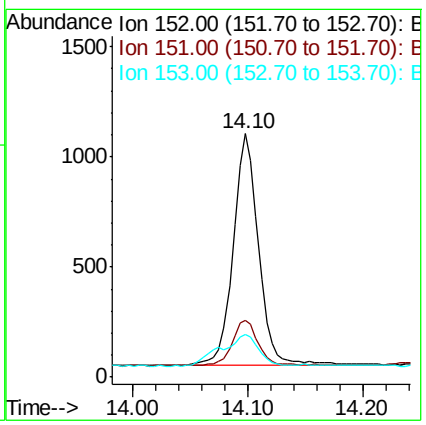


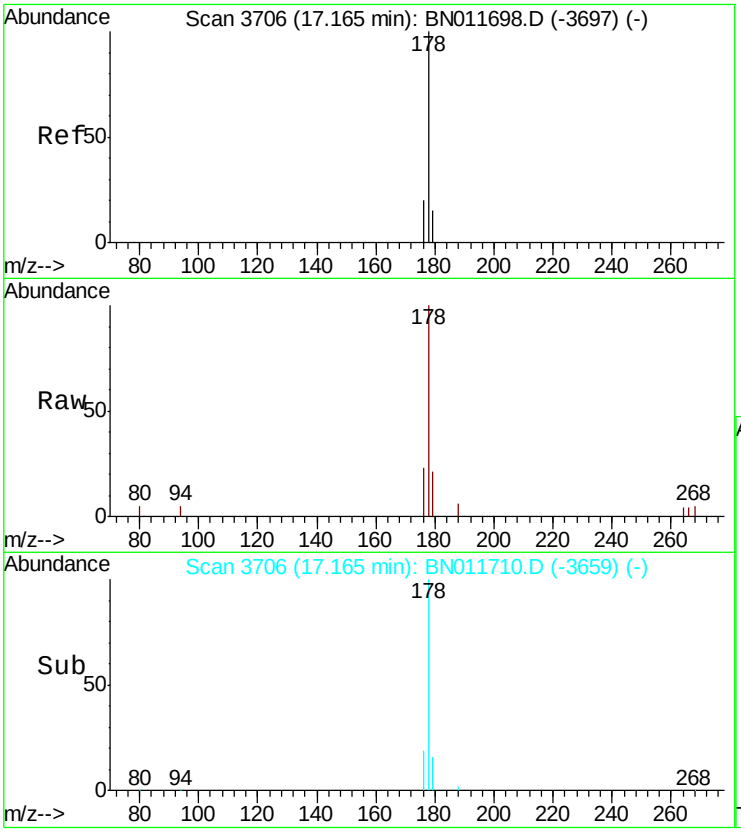


#7
Acenaphthylene
Concen: 0.058 ng/ul
RT: 14.10 min Scan# 3019
Delta R.T. 0.00 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

Tgt Ion:152 Resp: 1615

Ion	Ratio	Lower	Upper
152	100		
151	23.2	16.7	25.1
153	17.3	12.3	18.5

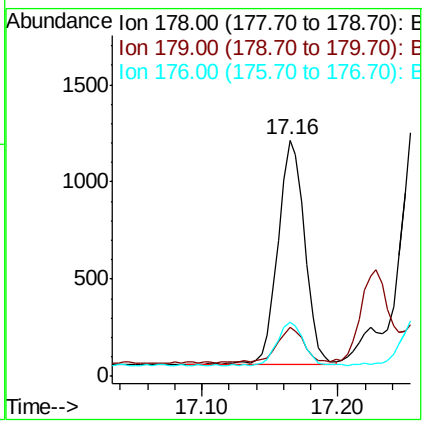




#12
Phenanthrene
Concen: 0.040 ng/ul
RT: 17.16 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

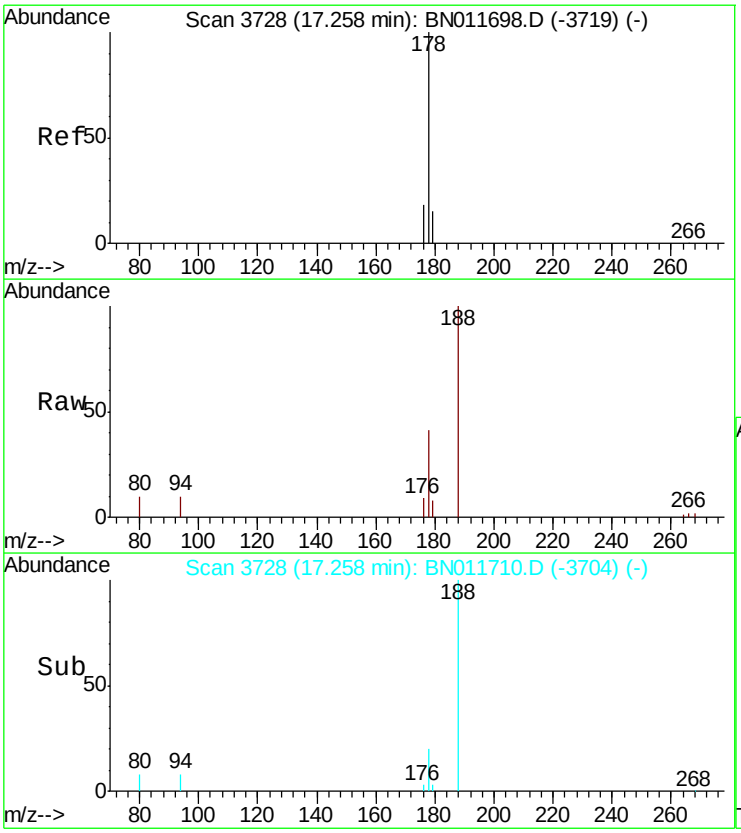
Tgt Ion:178 Resp: 1582

Ion	Ratio	Lower	Upper
178	100		
179	20.6	13.8	20.8
176	22.8	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
C0AA3

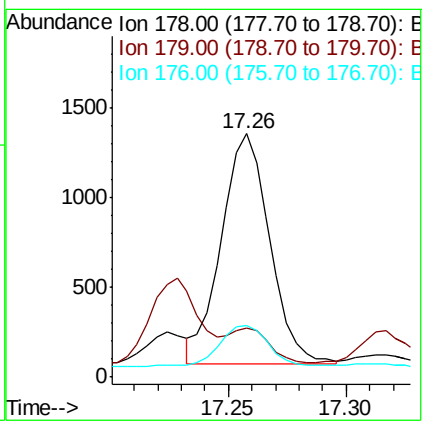
Manual Integrations APPROVED
mohammad
9/8/2020 1:47:07 PM

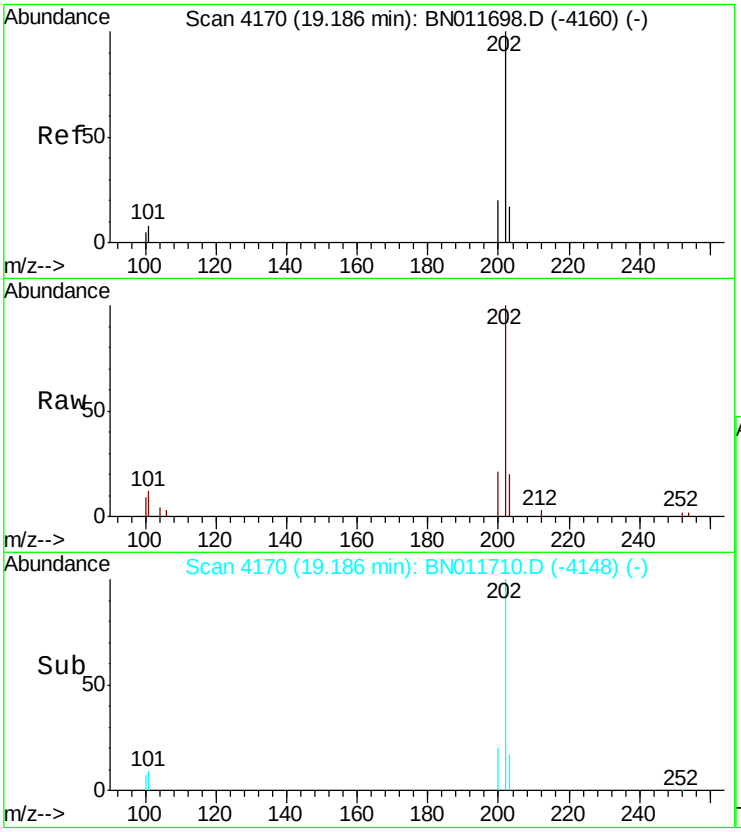


#13
Anthracene
Concen: 0.056 ng/ul
RT: 17.26 min Scan# 3728
Delta R.T. 0.00 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

Tgt Ion:178 Resp: 1827

Ion	Ratio	Lower	Upper
178	100		
179	20.2	14.2	21.2
176	21.3	15.8	23.8

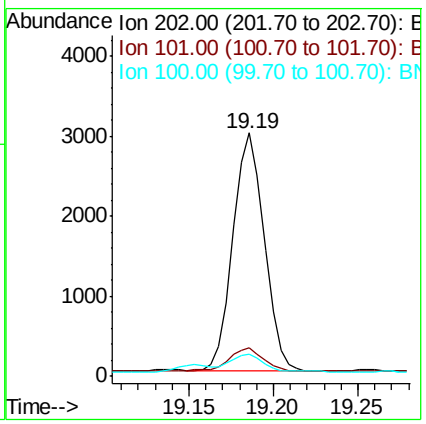




#15
Fluoranthene
Concen: 0.083 ng/ul
RT: 19.19 min Scan# 4170
Delta R.T. 0.00 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

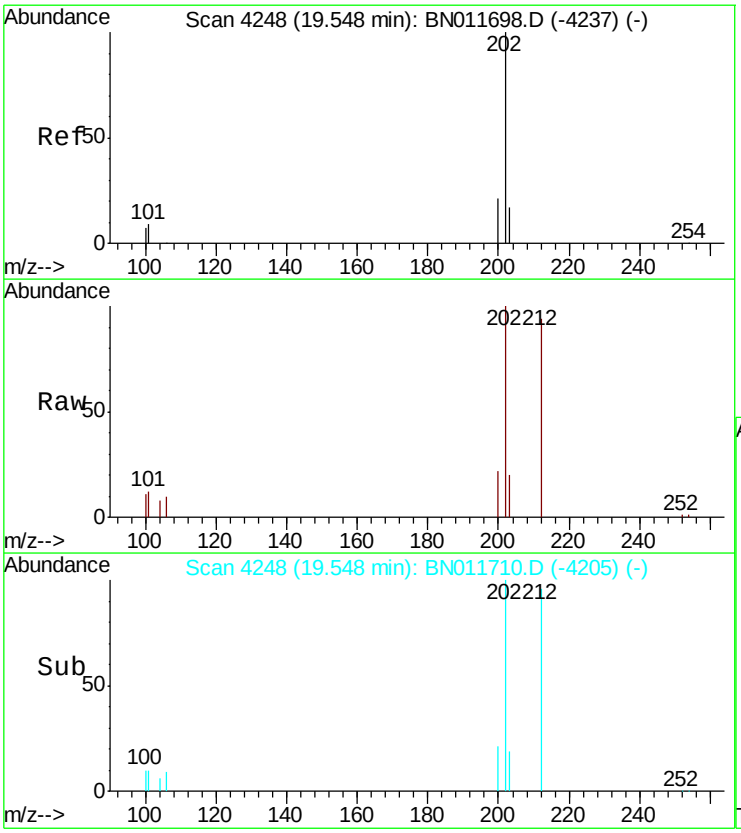
Tgt Ion:202 Resp: 3830

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	28.3
100	8.9	0.0	27.1



Instrument :
BNA_N
ClientSampleId :
C0AA3

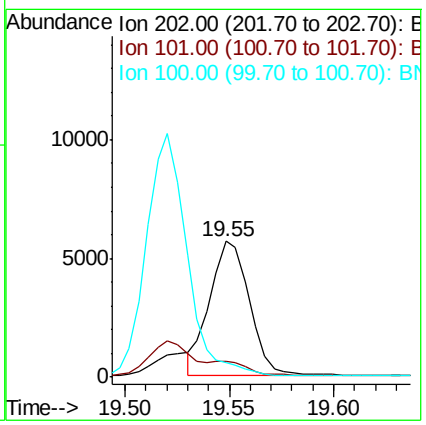
Manual Integrations APPROVED
mohammad
9/8/2020 1:47:07 PM

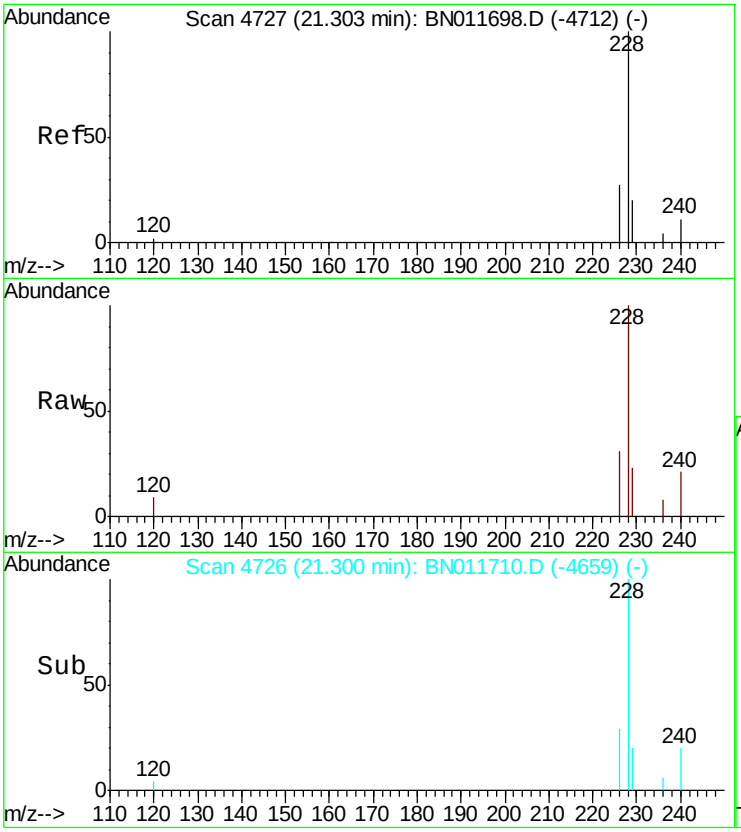


#17
Pyrene
Concen: 0.185 ng/ul m
RT: 19.55 min Scan# 4248
Delta R.T. 0.00 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

Tgt Ion:202 Resp: 7608

Ion	Ratio	Lower	Upper
202	100		
101	12.0	7.3	10.9#
100	10.7	6.7	10.1#

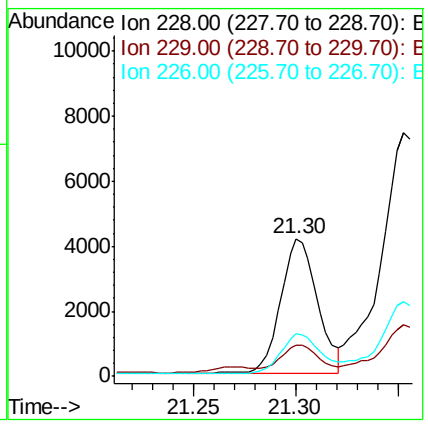




#18
Benzo(a)anthracene
Concen: 0.149 ng/ul
RT: 21.30 min Scan# 4726
Delta R.T. -0.00 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

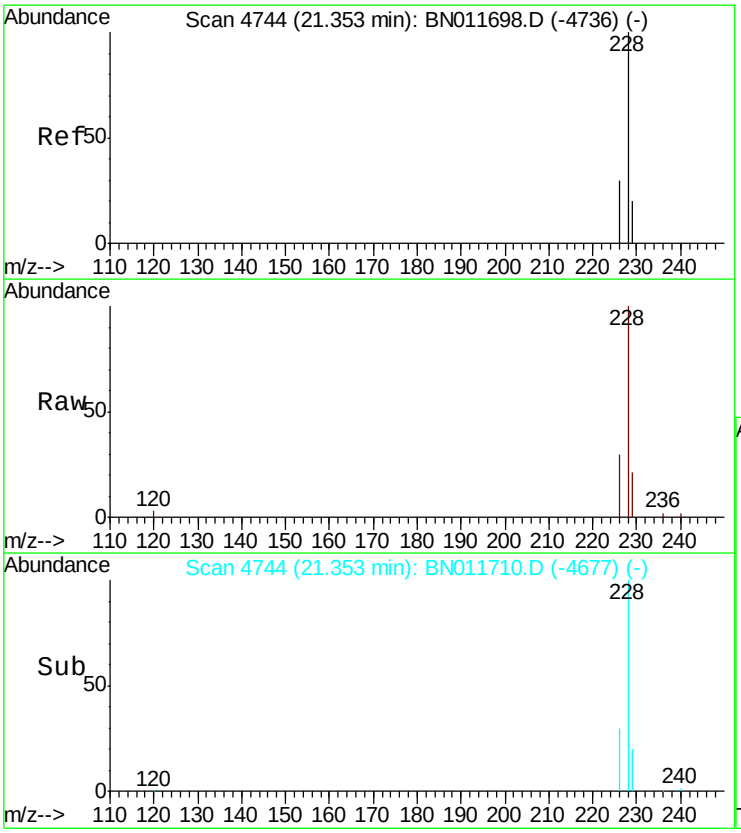
Tgt Ion:228 Resp: 5260

Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.7	25.1
226	30.9	22.9	34.3



Instrument :
BNA_N
ClientSampleId :
C0AA3

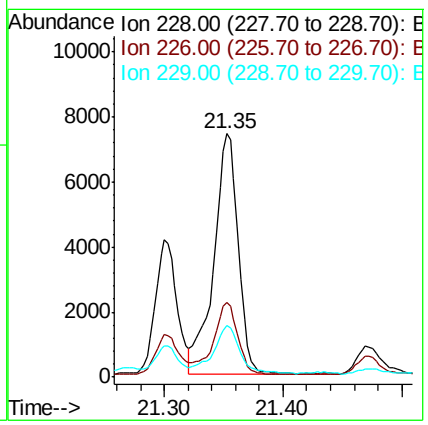
Manual Integrations APPROVED
mohammad
9/8/2020 1:47:07 PM

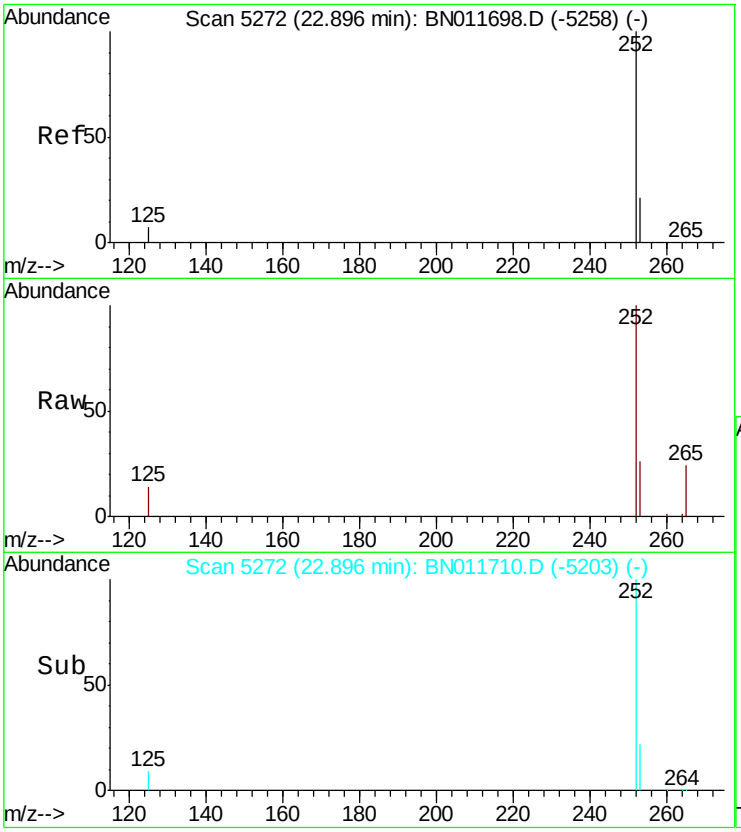


#19
Chrysene
Concen: 0.225 ng/ul
RT: 21.35 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

Tgt Ion:228 Resp: 10688

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	21.2	16.4	24.6

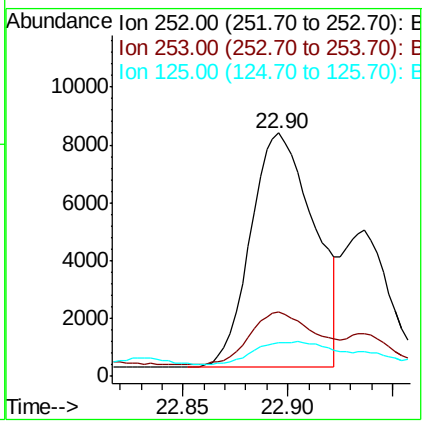




#21
Benzo(b)fluoranthene
Concen: 0.363 ng/ul m
RT: 22.90 min Scan# 5272
Delta R.T. 0.00 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

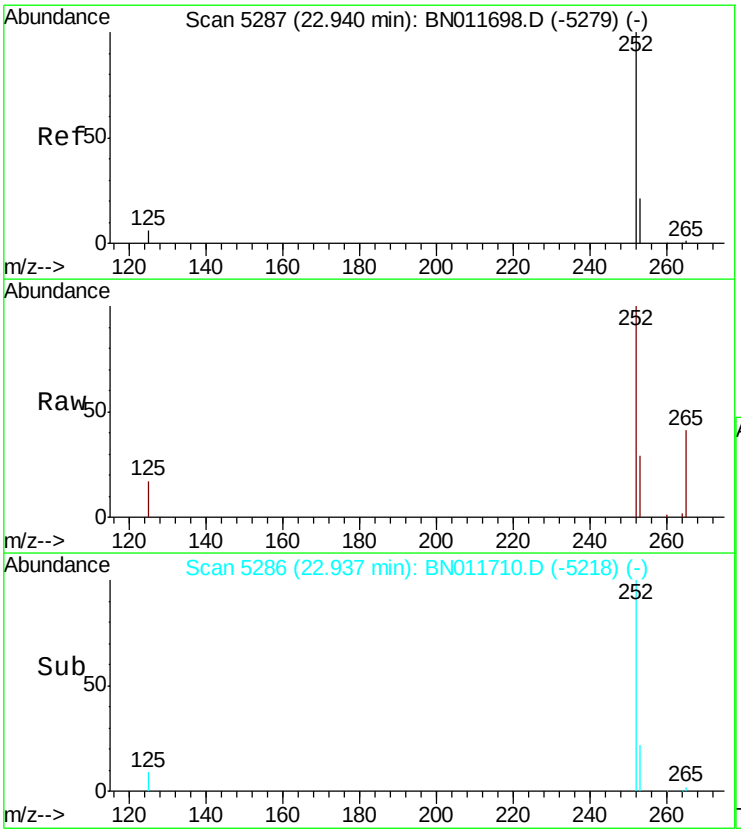
Tgt Ion:252 Resp: 17069

Ion	Ratio	Lower	Upper
252	100		
253	26.2	0.0	54.8
125	13.7	0.0	22.2



Instrument :
BNA_N
ClientSampleId :
C0AA3

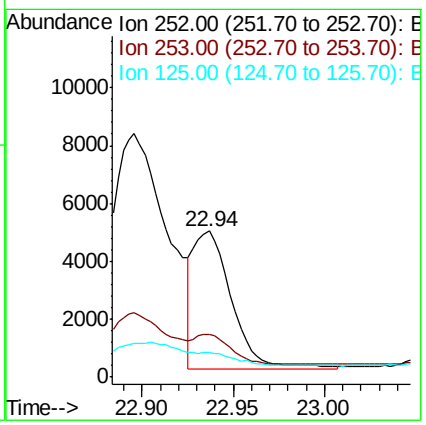
Manual Integrations APPROVED
mohammad
9/8/2020 1:47:07 PM

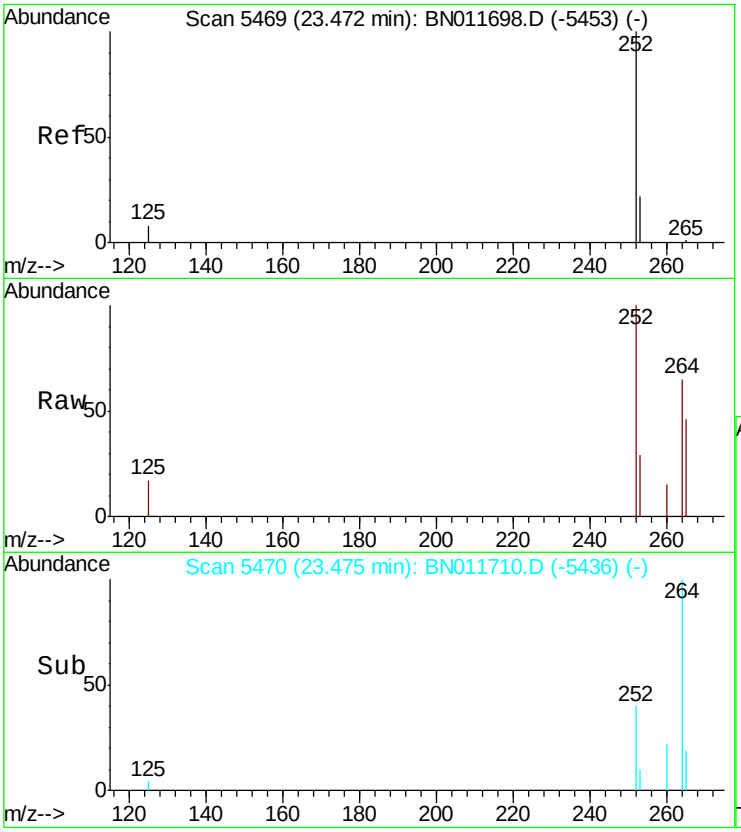


#22
Benzo(k)fluoranthene
Concen: 0.134 ng/ul m
RT: 22.94 min Scan# 5286
Delta R.T. 0.00 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

Tgt Ion:252 Resp: 6946

Ion	Ratio	Lower	Upper
252	100		
253	29.3	21.8	32.6
125	16.6	9.1	13.7#





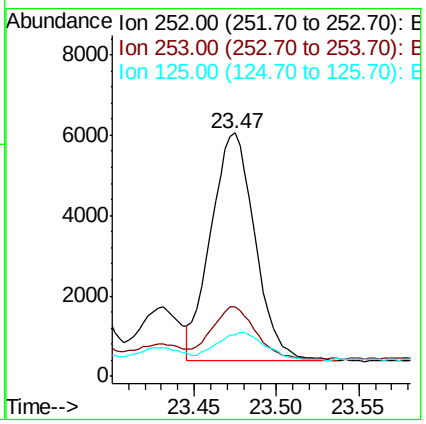
#23
Benzo(a)pyrene
Concen: 0.267 ng/ul
RT: 23.47 min Scan# 5470
Delta R.T. 0.00 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

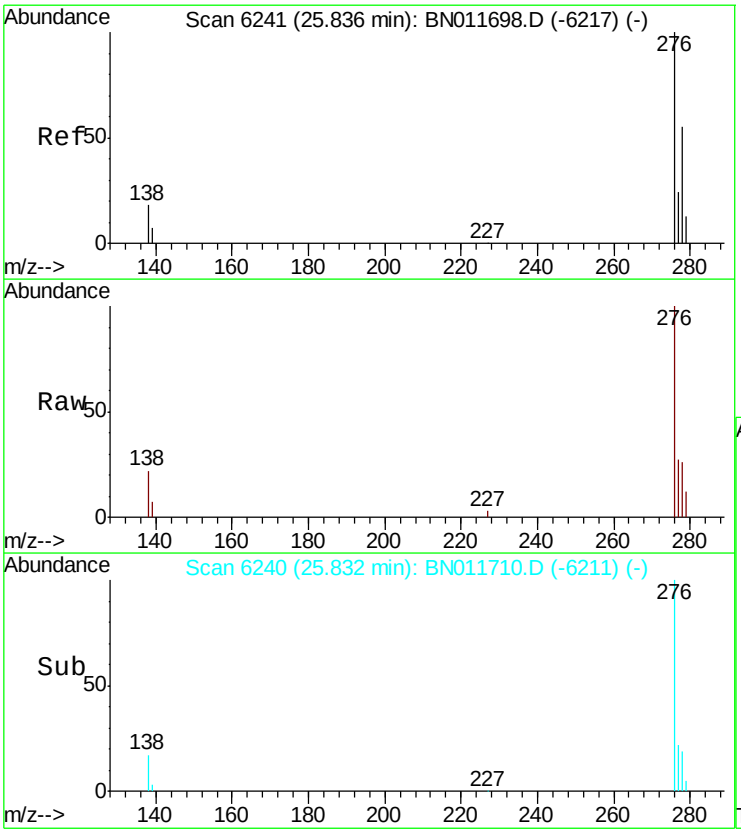
Tgt Ion:252 Resp: 10540

Ion	Ratio	Lower	Upper
252	100		
253	28.5	24.4	36.6
125	17.2	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0AA3

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:07 PM

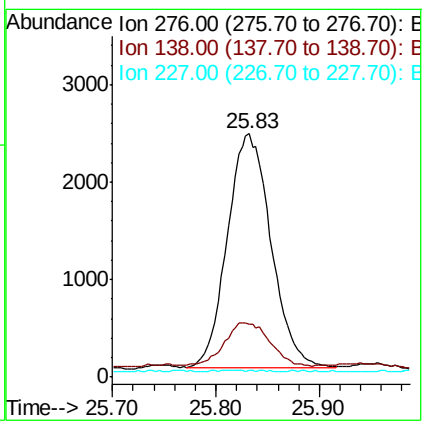


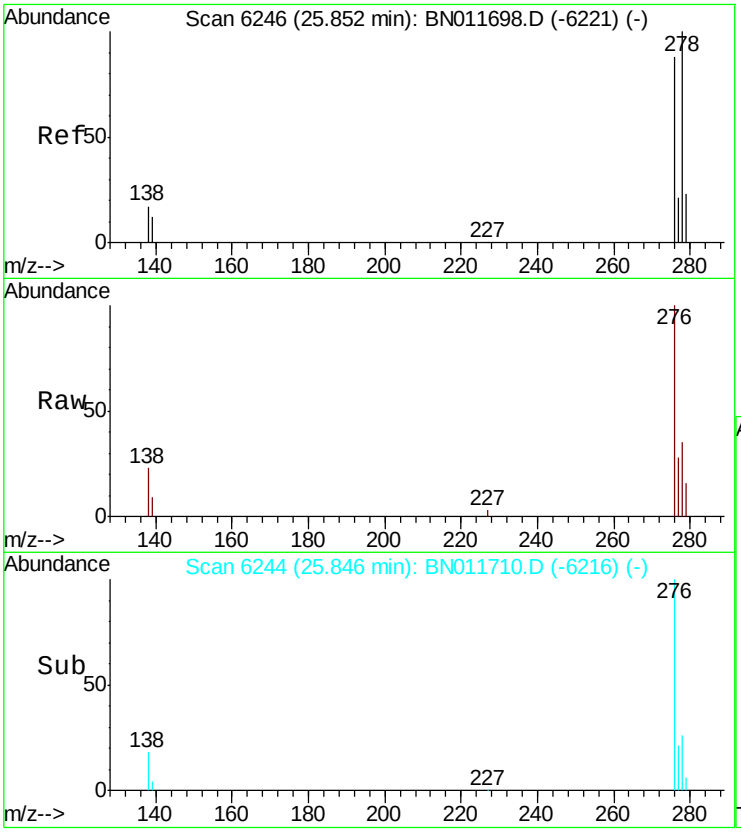


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.132 ng/ul
RT: 25.83 min Scan# 6240
Delta R.T. -0.00 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

Tgt Ion:276 Resp: 7030

Ion	Ratio	Lower	Upper
276	100		
138	0.0	15.8	23.6#
227	0.1	0.2	0.2#





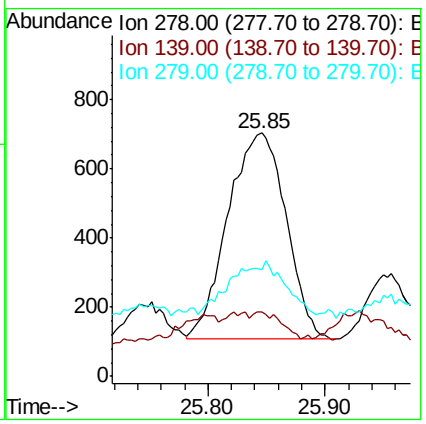
#25
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.85 min Scan# 6244
Delta R.T. -0.01 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

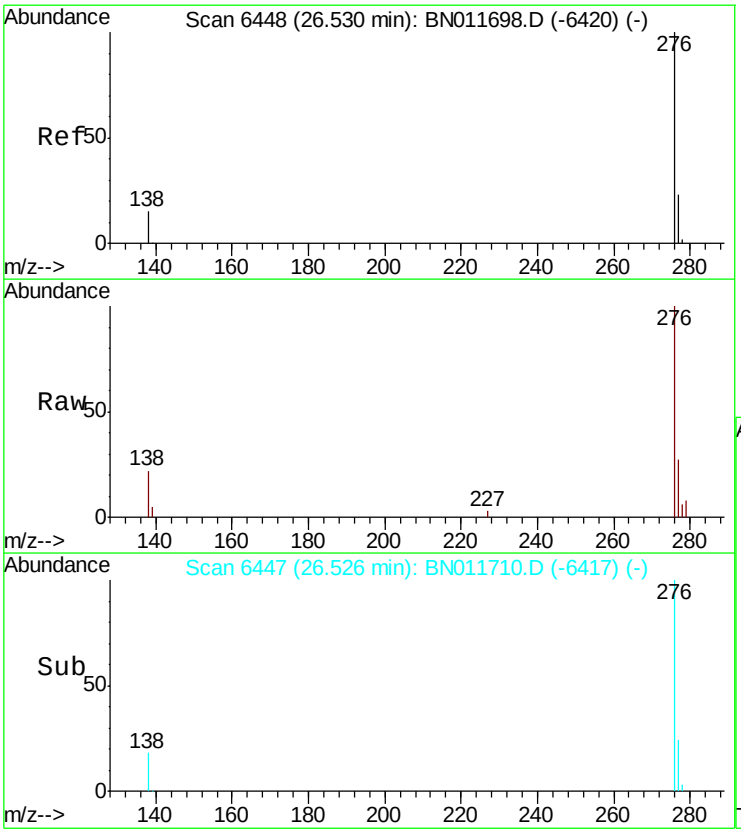
Tgt Ion:278 Resp: 2063

Ion	Ratio	Lower	Upper
278	100		
139	26.3	12.1	18.1#
279	44.0	22.9	34.3#

Instrument :
BNA_N
ClientSampleId :
C0AA3

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:07 PM





#26
Benzo(g,h,i)perylene
Concen: 0.128 ng/ul
RT: 26.53 min Scan# 6447
Delta R.T. 0.00 min
Lab File: BN011710.D
Acq: 04 Sep 2020 19:57

Tgt Ion:276 Resp: 6370

Ion	Ratio	Lower	Upper
276	100		
138	22.1	15.8	23.6
277	27.1	20.6	31.0