Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012984.D
Acq On : 08 Dec 2020 20:17
Operator : CG/JU
Sample : L4862-01DL 5X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AY8DL

Manual Integrations APPROVED
mohammad
12/9/2020 12:25:19 PM

Quant Time: Dec 09 00:45:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:11:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1296	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4985	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2740	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	5524	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3665	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3366	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	399	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	729	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	446m	0.031	ng/ul	
8) Acenaphthene	14.11	153	1166	0.110	ng/ul	98
9) Fluorene	15.11	166	603	0.049	ng/ul#	93
12) Phenanthrene	16.85	178	12003	0.648	ng/ul	97
13) Anthracene	16.94	178	2023	0.128	ng/ul	96
15) Fluoranthene	18.88	202	19371	0.880	ng/ul	95
17) Pyrene	19.25	202	17546	1.014	ng/ul	99
18) Benzo(a)anthracene	21.02	228	7121	0.470	ng/ul	98
19) Chrysene	21.07	228	8427	0.503	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	11270m	0.724	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	3813m	0.222	ng/ul	
23) Benzo(a)pyrene	23.04	252	7368	0.510	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.19	276	5367	0.283	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	1203	0.080	ng/ul#	71
26) Benzo(g,h,i)perylene	25.81	276	5726	0.334	ng/ul	98

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

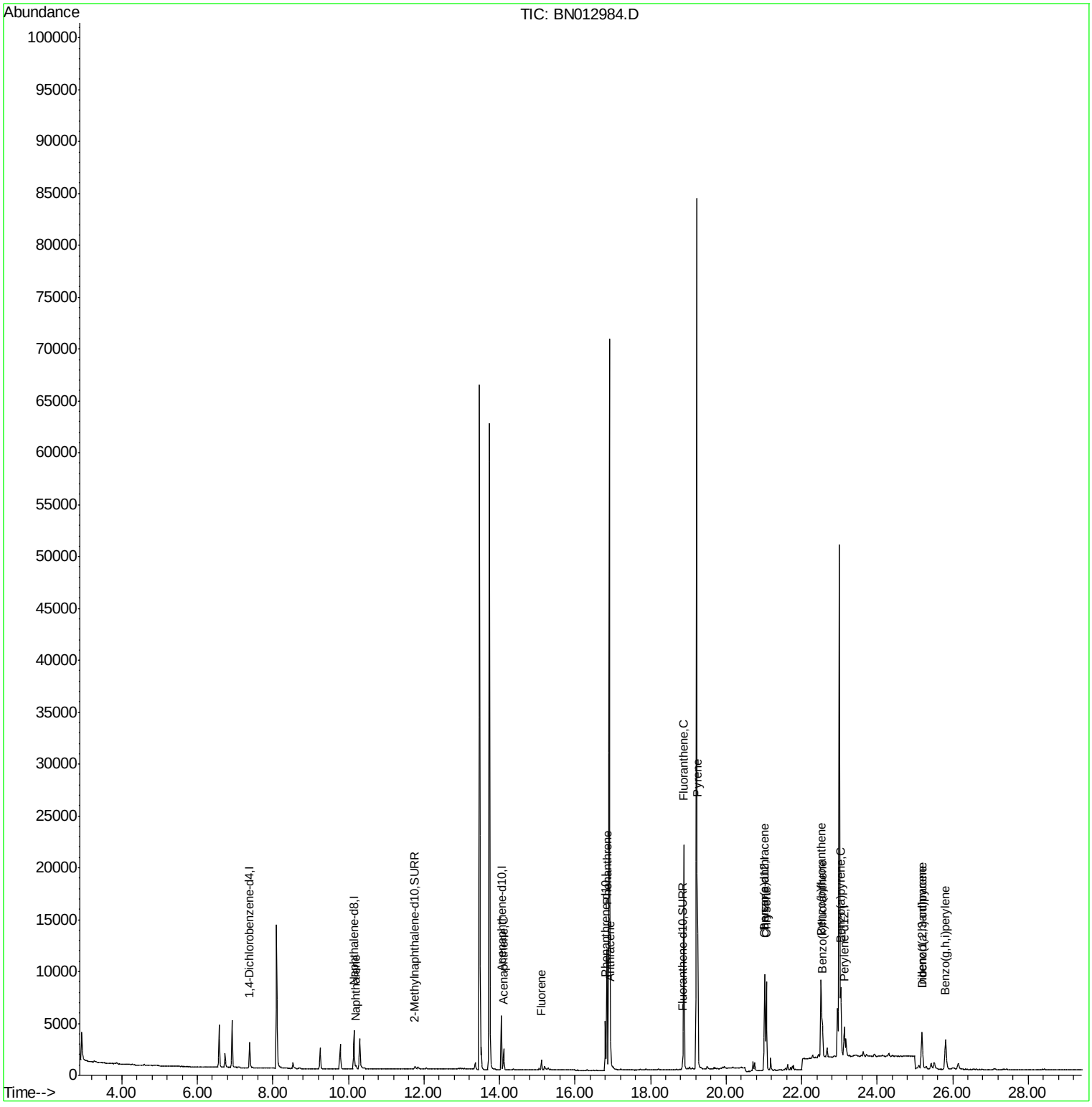
Quantitation Report (QT Reviewed)

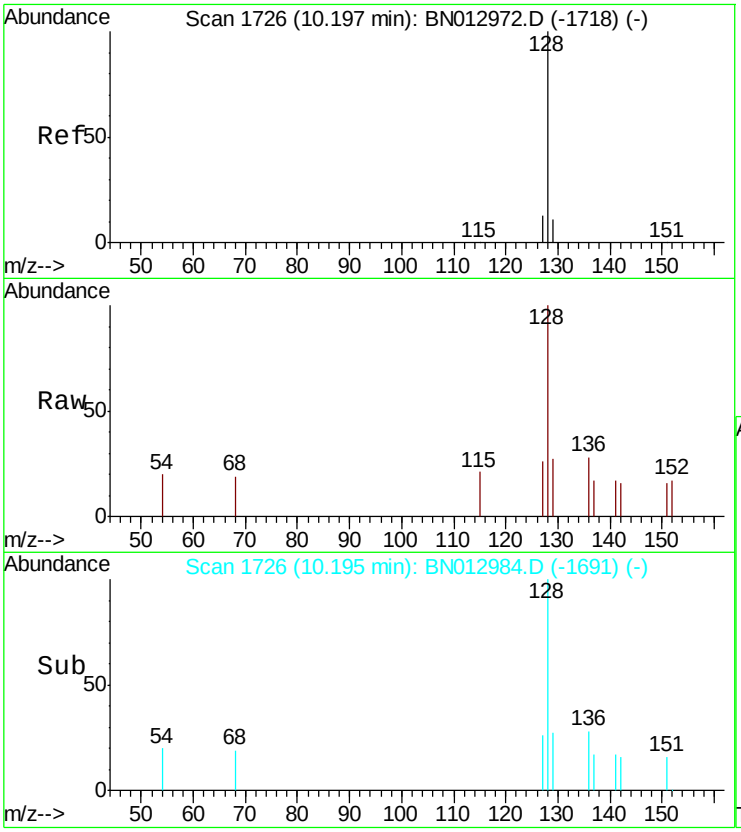
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012984.D
Acq On : 08 Dec 2020 20:17
Operator : CG/JU
Sample : L4862-01DL 5X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 09 00:45:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:11:42 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AY8DL

Manual Integrations APPROVED
mohammad
12/9/2020 12:25:19 PM

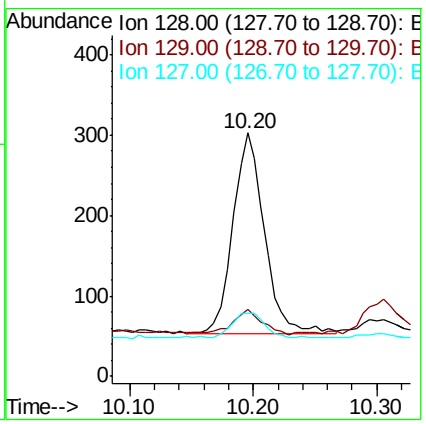




#3
Naphthalene
Concen: 0.031 ng/ul m
RT: 10.20 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BN012984.D
Acq: 08 Dec 2020 20:17

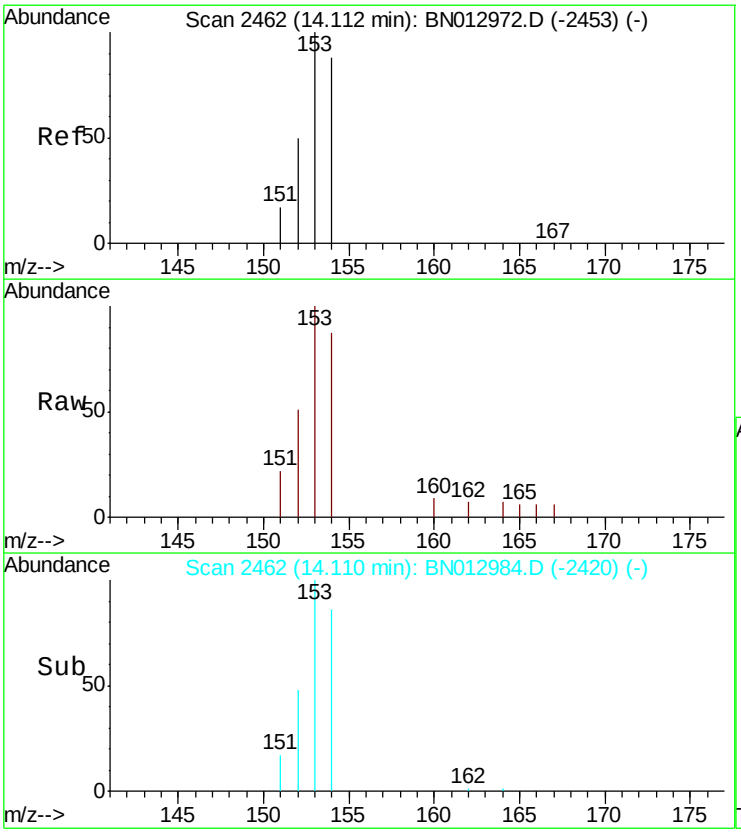
Tgt Ion:128 Resp: 446

Ion	Ratio	Lower	Upper
128	100		
129	27.4	12.3	18.5#
127	26.1	14.2	21.4#



Instrument :
BNA_N
ClientSampleId :
C0AY8DL

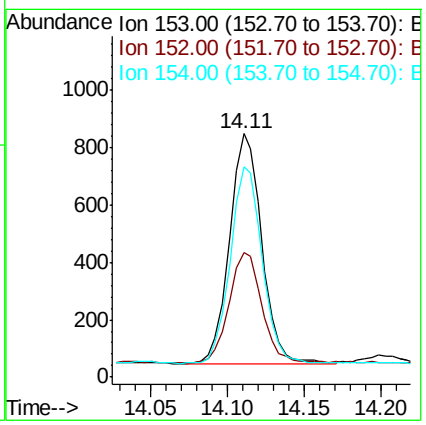
Manual Integrations APPROVED
mohammad
12/9/2020 12:25:19 PM

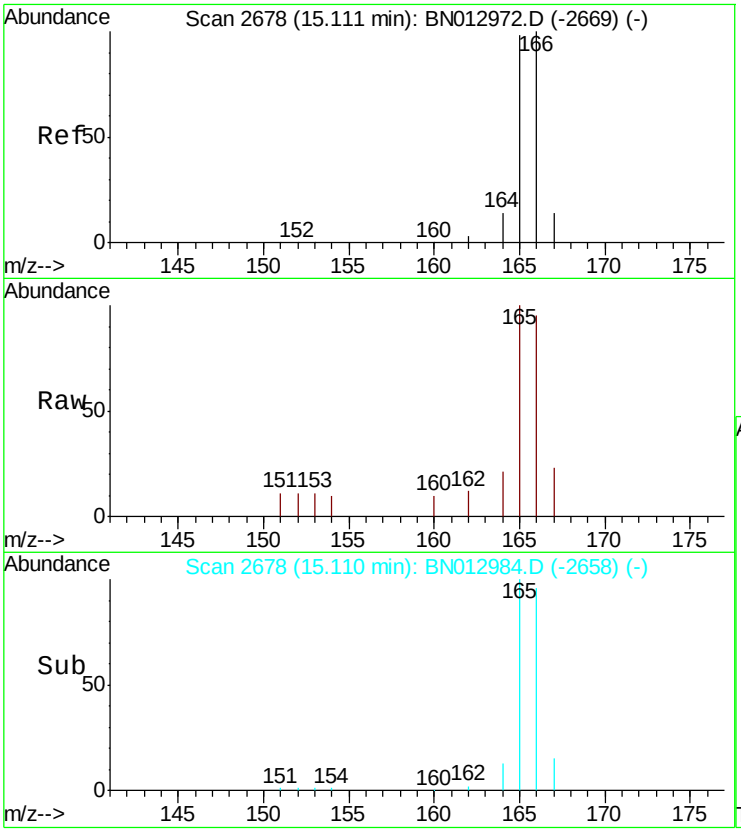


#8
Acenaphthene
Concen: 0.110 ng/ul
RT: 14.11 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BN012984.D
Acq: 08 Dec 2020 20:17

Tgt Ion:153 Resp: 1166

Ion	Ratio	Lower	Upper
153	100		
152	51.4	40.7	61.1
154	86.6	70.8	106.2

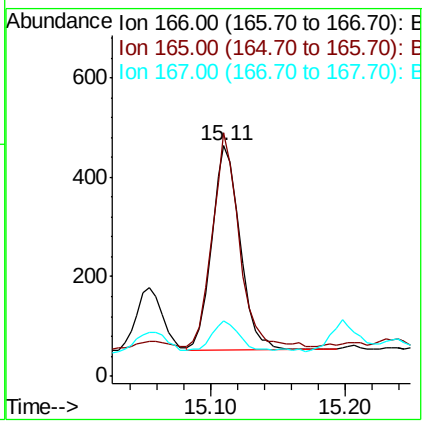




#9
Fluorene
Concen: 0.049 ng/ul
RT: 15.11 min Scan# 2678
Delta R.T. -0.01 min
Lab File: BN012984.D
Acq: 08 Dec 2020 20:17

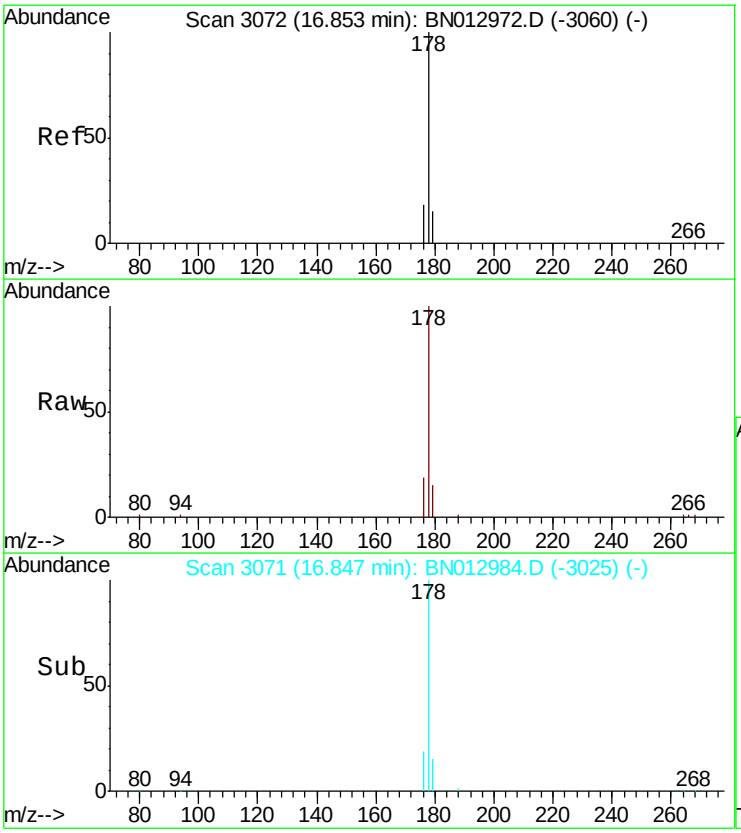
Tgt Ion:166 Resp: 603

Ion	Ratio	Lower	Upper
166	100		
165	105.6	79.8	119.8
167	24.2	13.8	20.8#



Instrument :
BNA_N
ClientSampleId :
C0AY8DL

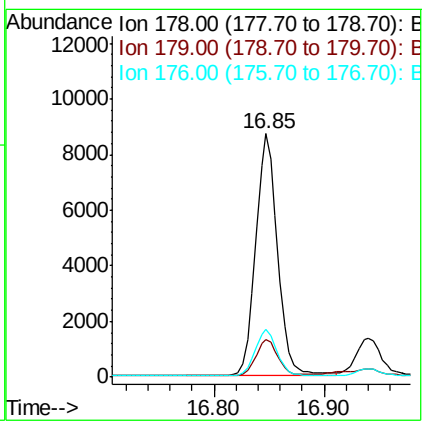
Manual Integrations APPROVED
mohammad
12/9/2020 12:25:19 PM

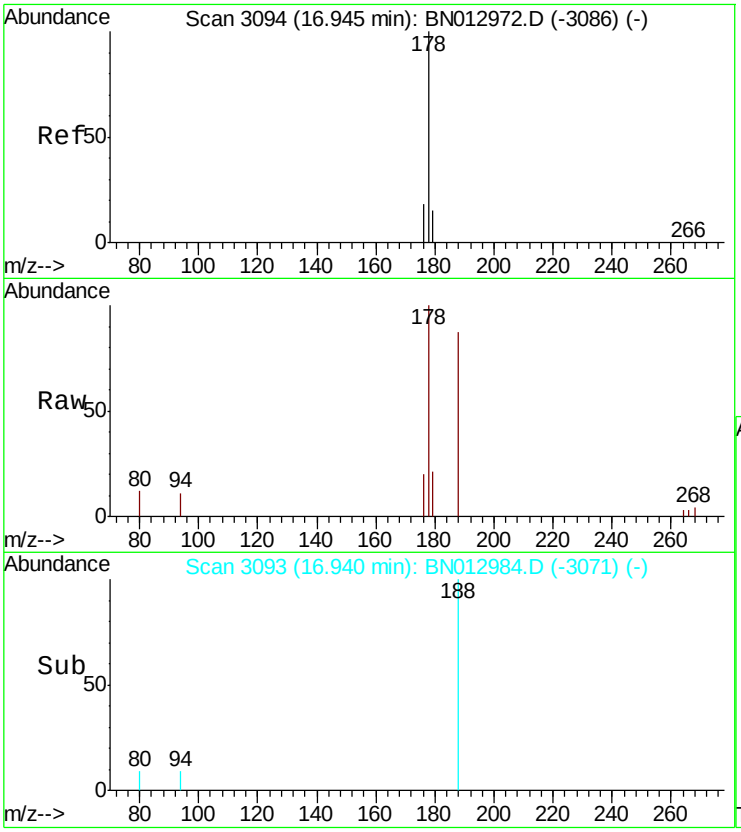


#12
Phenanthrene
Concen: 0.648 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BN012984.D
Acq: 08 Dec 2020 20:17

Tgt Ion:178 Resp: 12003

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.6	20.4
176	19.4	16.4	24.6

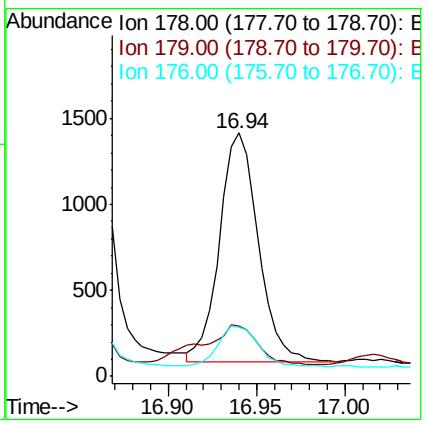




#13
Anthracene
Concen: 0.128 ng/ul
RT: 16.94 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BN012984.D
Acq: 08 Dec 2020 20:17

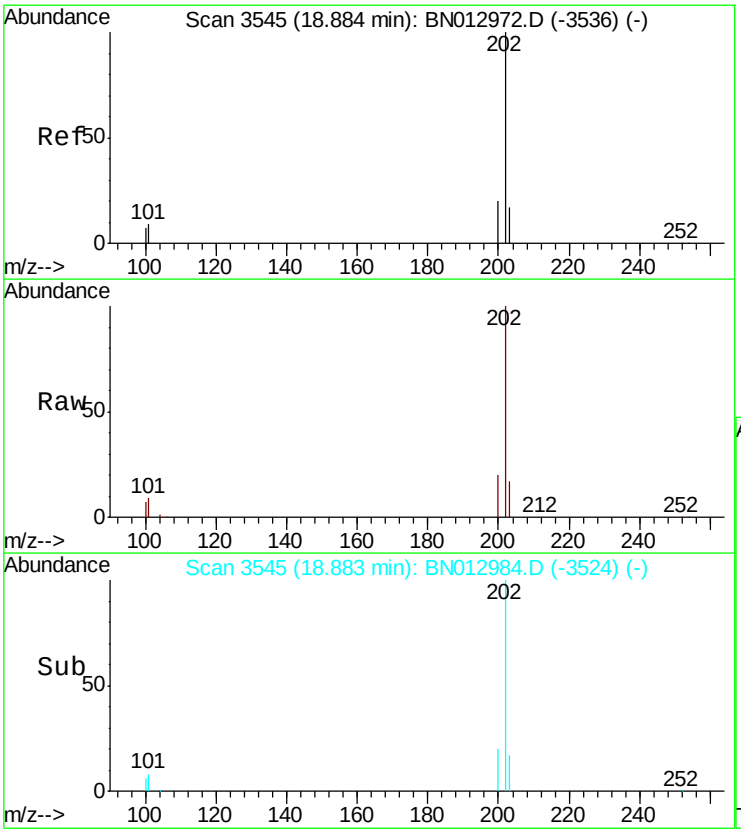
Tgt Ion:178 Resp: 2023

Ion	Ratio	Lower	Upper
178	100		
179	20.8	14.6	21.8
176	20.3	17.1	25.7



Instrument :
BNA_N
ClientSampleId :
C0AY8DL

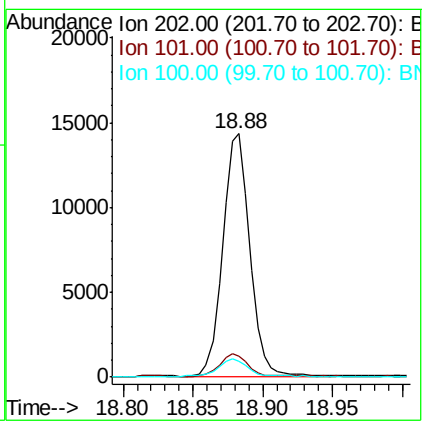
Manual Integrations APPROVED
mohammad
12/9/2020 12:25:19 PM

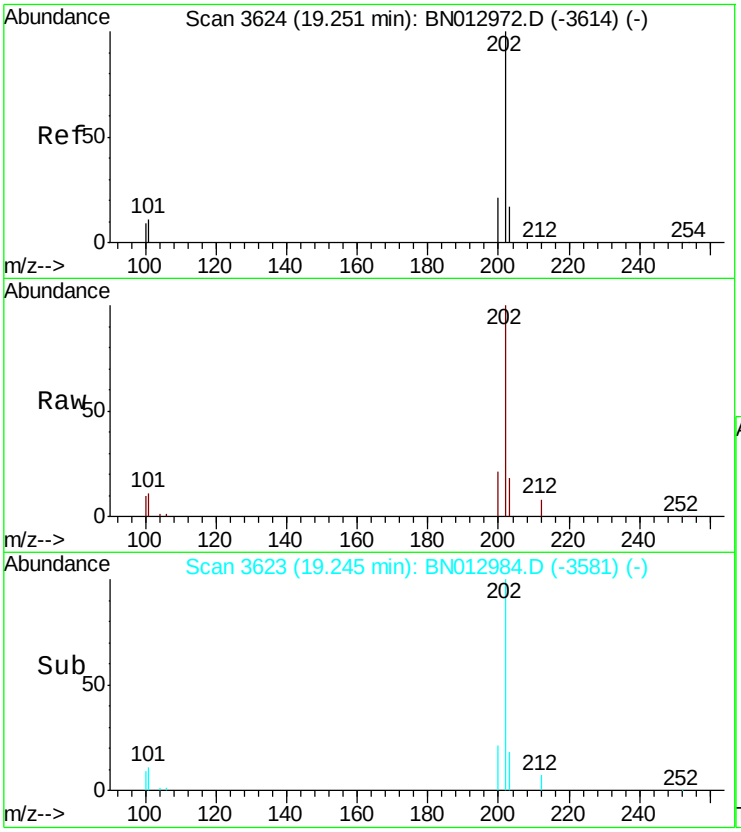


#15
Fluoranthene
Concen: 0.880 ng/ul
RT: 18.88 min Scan# 3545
Delta R.T. -0.00 min
Lab File: BN012984.D
Acq: 08 Dec 2020 20:17

Tgt Ion:202 Resp: 19371

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.6
100	6.7	0.0	28.7

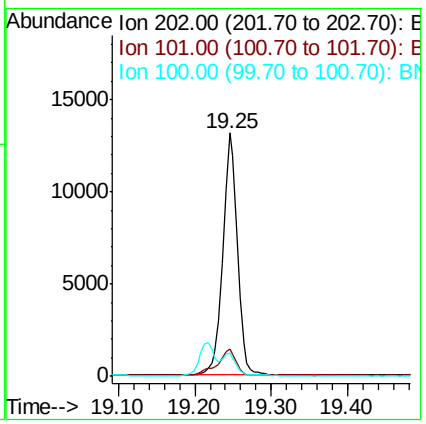




#17
Pyrene
Concen: 1.014 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.01 min
Lab File: BN012984.D
Acq: 08 Dec 2020 20:17

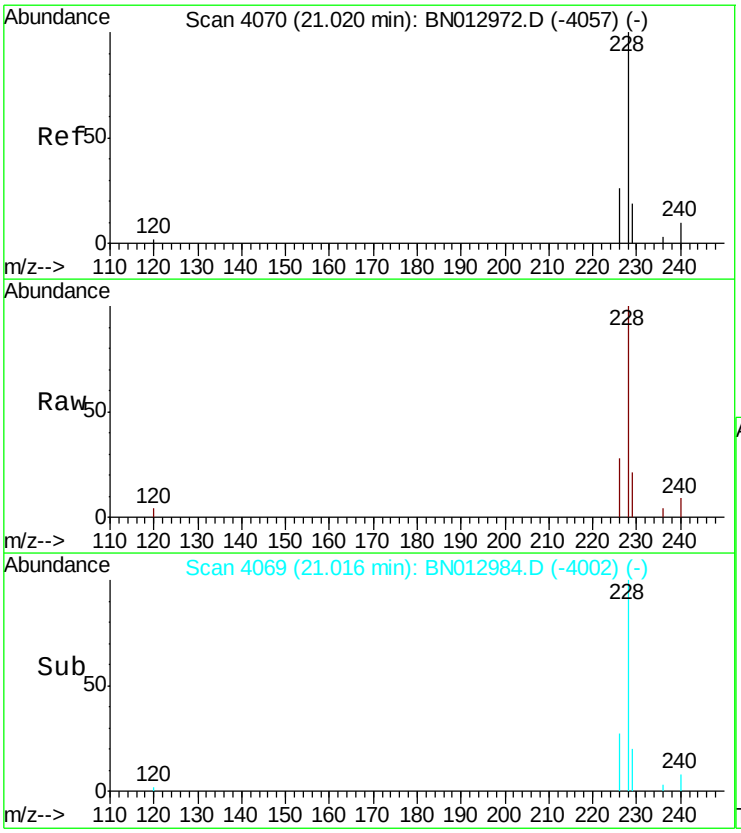
Tgt Ion:202 Resp: 17546

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.1	13.7
100	9.7	7.5	11.3



Instrument :
BNA_N
ClientSampleId :
C0AY8DL

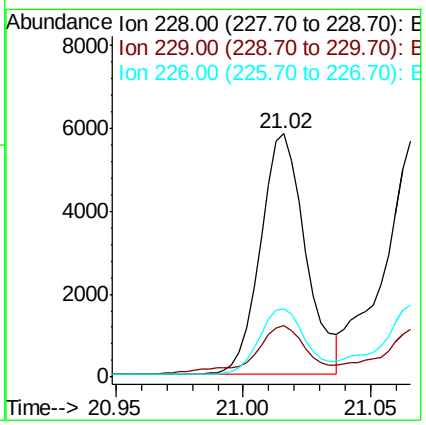
Manual Integrations APPROVED
mohammad
12/9/2020 12:25:19 PM

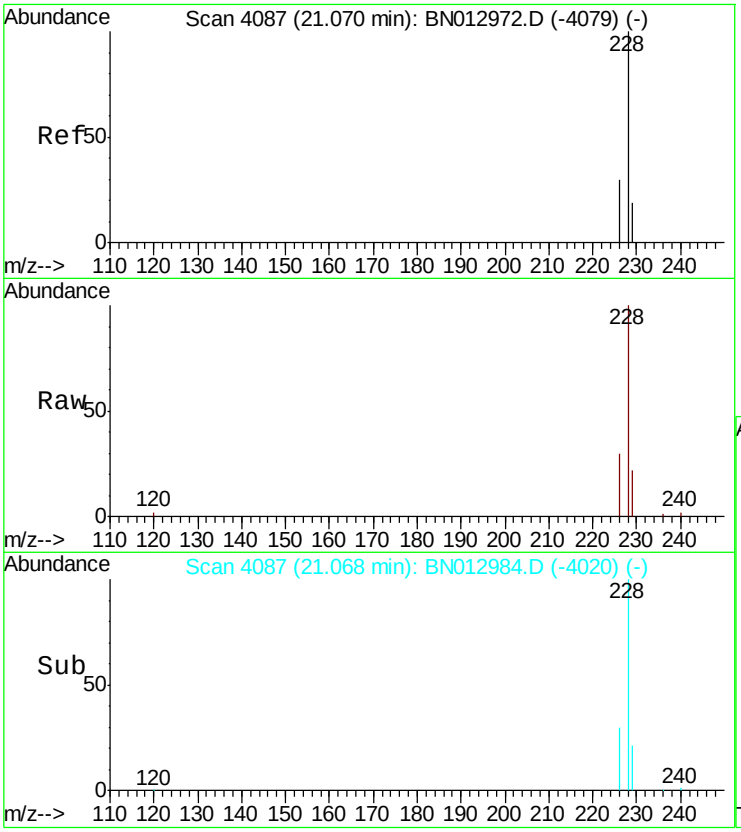


#18
Benzo(a)anthracene
Concen: 0.470 ng/ul
RT: 21.02 min Scan# 4069
Delta R.T. -0.00 min
Lab File: BN012984.D
Acq: 08 Dec 2020 20:17

Tgt Ion:228 Resp: 7121

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.3	24.5
226	28.3	23.4	35.2

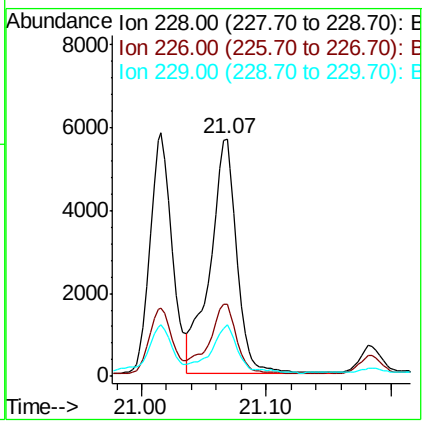




#19
Chrysene
Concen: 0.503 ng/ul
RT: 21.07 min Scan# 4087
Delta R.T. -0.00 min
Lab File: BN012984.D
Acq: 08 Dec 2020 20:17

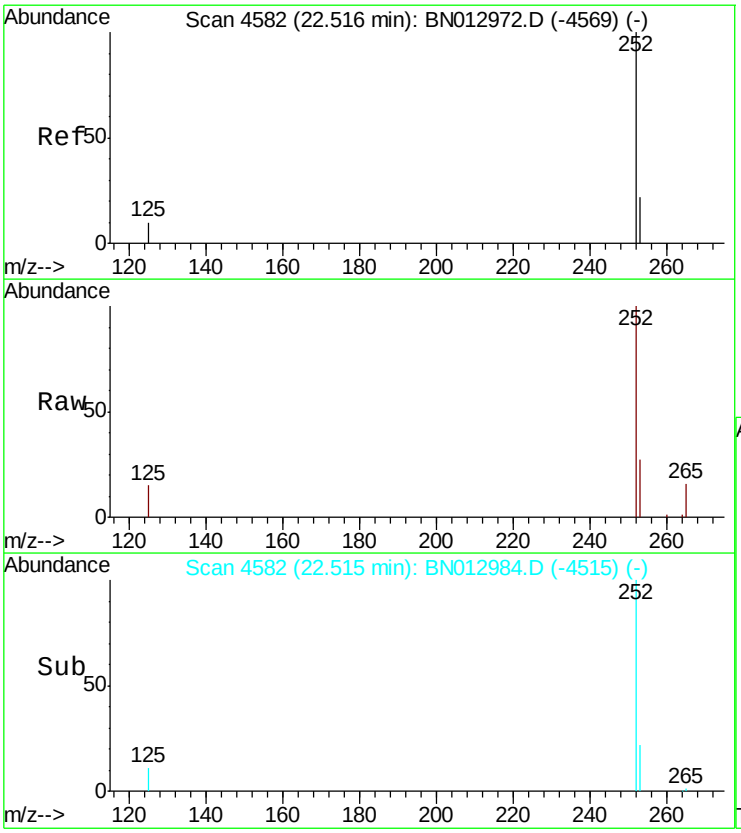
Tgt Ion:228 Resp: 8427

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.6	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0AY8DL

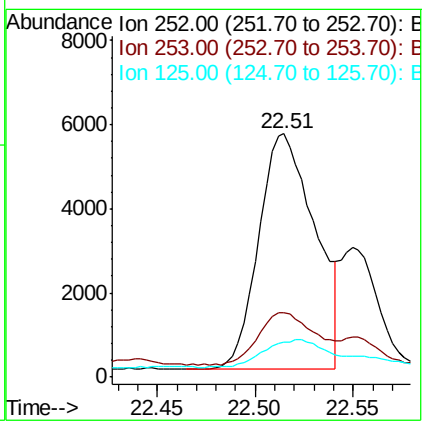
Manual Integrations APPROVED
mohammad
12/9/2020 12:25:19 PM

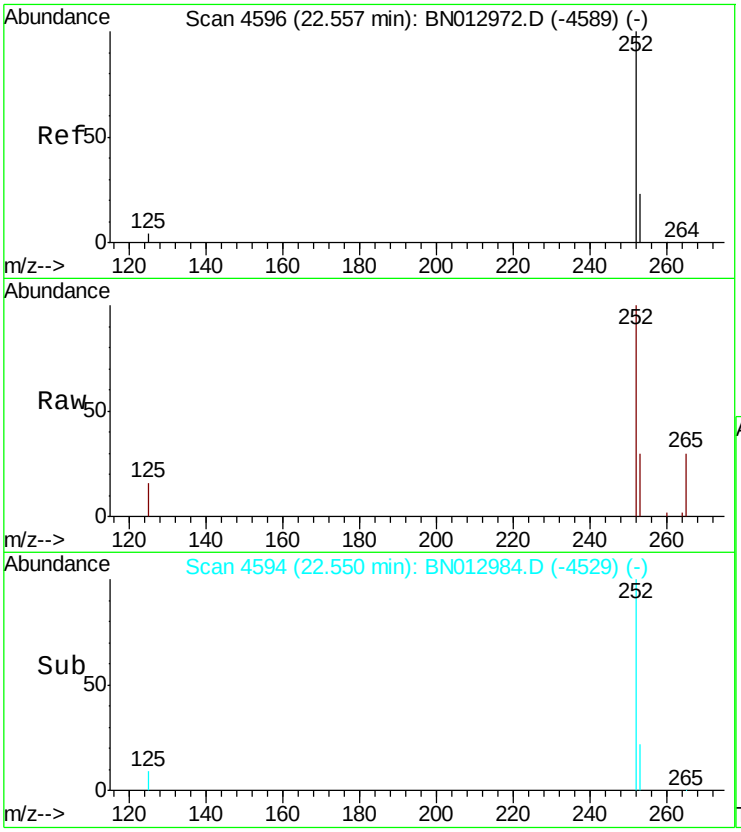


#21
Benzo(b)fluoranthene
Concen: 0.724 ng/ul m
RT: 22.51 min Scan# 4582
Delta R.T. -0.00 min
Lab File: BN012984.D
Acq: 08 Dec 2020 20:17

Tgt Ion:252 Resp: 11270

Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	59.6
125	14.6	0.0	26.0

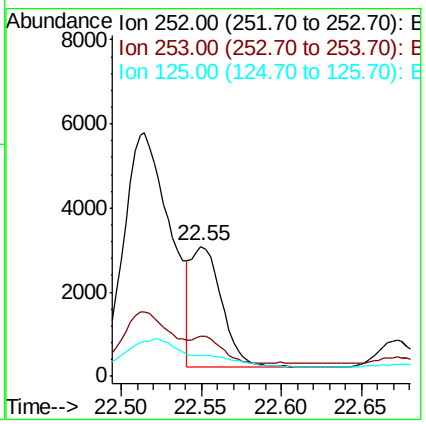




#22
Benzo(k)fluoranthene
Concen: 0.222 ng/ul m
RT: 22.55 min Scan# 4594
Delta R.T. -0.01 min
Lab File: BN012984.D
Acq: 08 Dec 2020 20:17

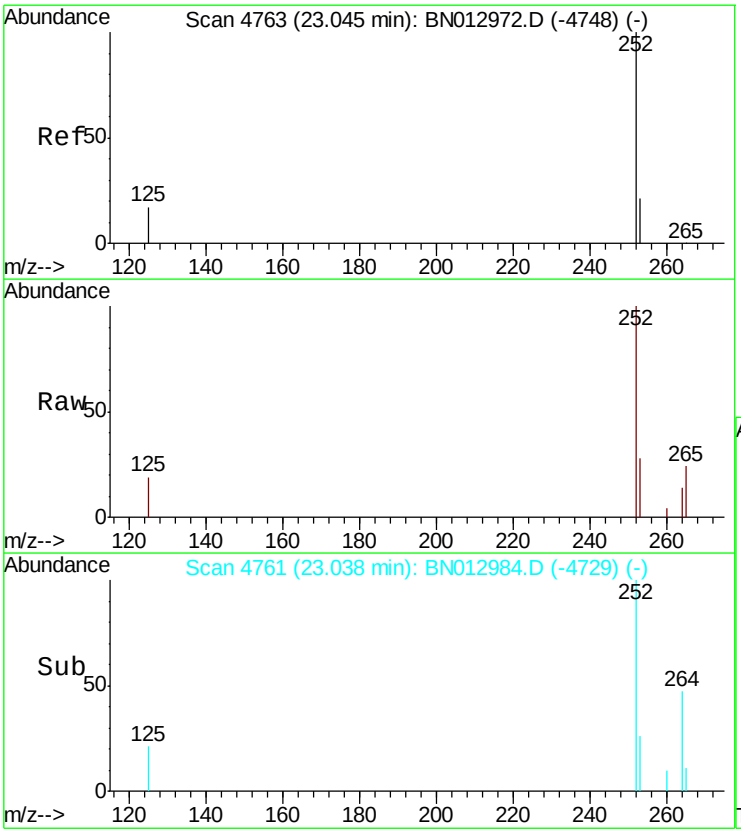
Tgt Ion:252 Resp: 3813

Ion	Ratio	Lower	Upper
252	100		
253	30.4	23.4	35.2
125	15.9	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
C0AY8DL

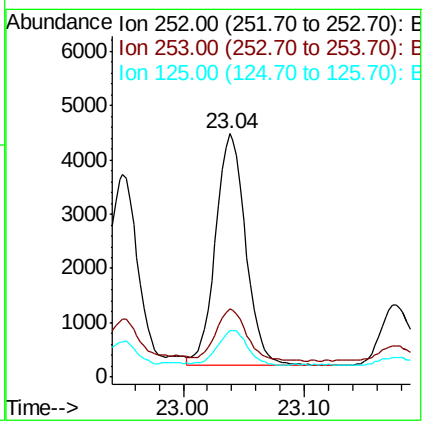
Manual Integrations APPROVED
mohammad
12/9/2020 12:25:19 PM

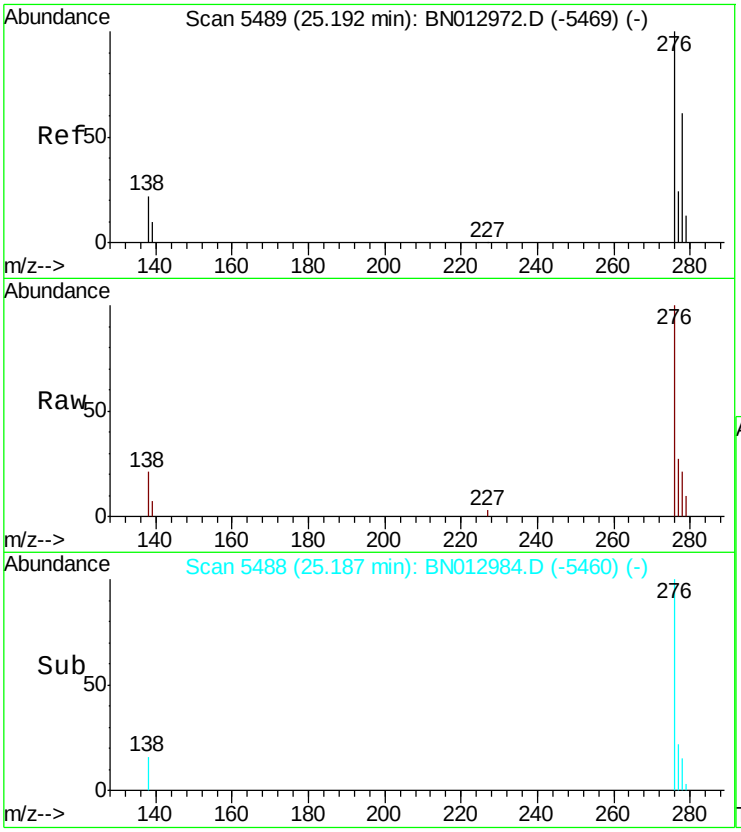


#23
Benzo(a)pyrene
Concen: 0.510 ng/ul
RT: 23.04 min Scan# 4761
Delta R.T. -0.01 min
Lab File: BN012984.D
Acq: 08 Dec 2020 20:17

Tgt Ion:252 Resp: 7368

Ion	Ratio	Lower	Upper
252	100		
253	28.3	26.5	39.7
125	19.2	14.2	21.2





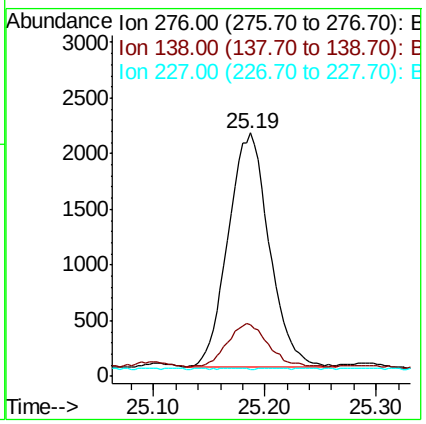
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.283 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.00 min
Lab File: BN012984.D
Acq: 08 Dec 2020 20:17

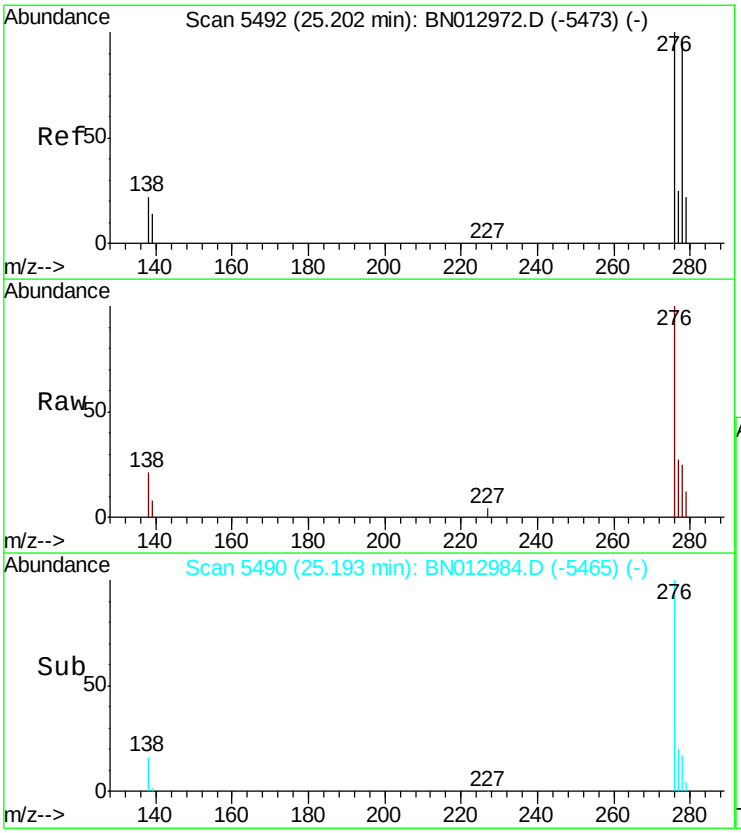
Tgt Ion:276 Resp: 5367

Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.2	24.2
227	0.1	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0AY8DL

Manual Integrations APPROVED
mohammad
12/9/2020 12:25:19 PM

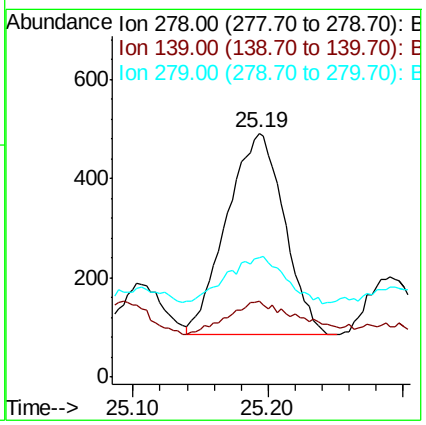


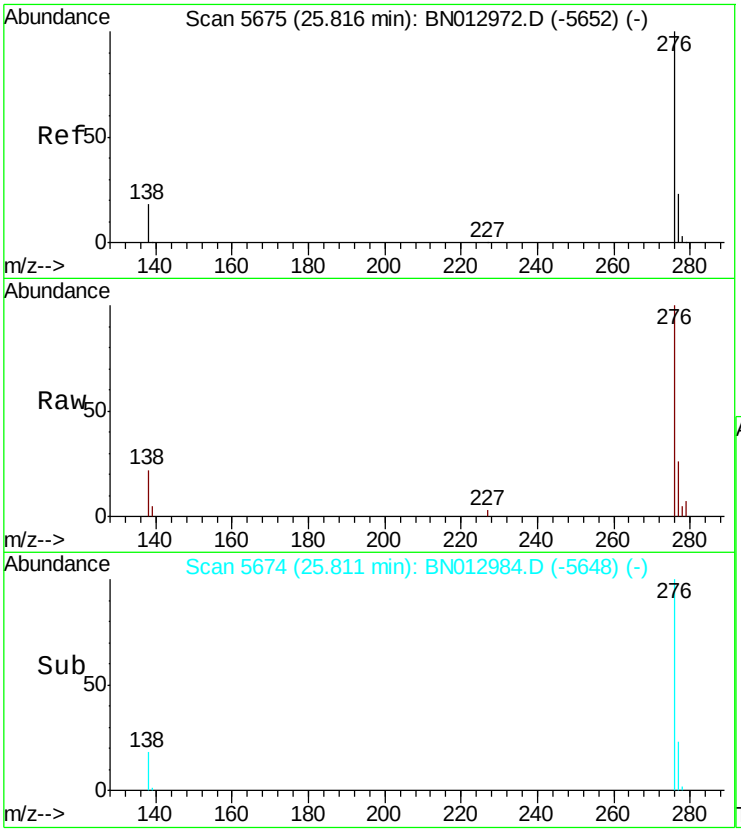


#25
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 25.19 min Scan# 5490
Delta R.T. -0.01 min
Lab File: BN012984.D
Acq: 08 Dec 2020 20:17

Tgt Ion:278 Resp: 1203

Ion	Ratio	Lower	Upper
278	100		
139	31.2	14.5	21.7#
279	49.1	26.3	39.5#

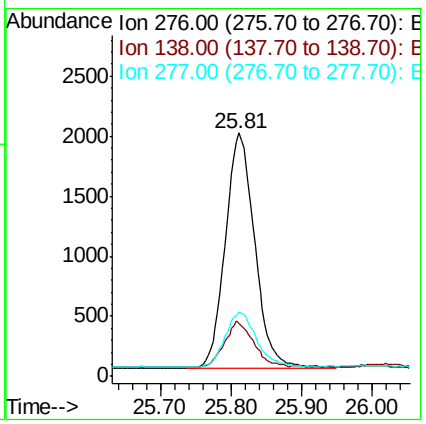




#26
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 25.81 min Scan# 5674
Delta R.T. -0.01 min
Lab File: BN012984.D
Acq: 08 Dec 2020 20:17

Tgt Ion:276 Resp: 5726

Ion	Ratio	Lower	Upper
276	100		
138	21.6	16.3	24.5
277	26.2	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
C0AY8DL

Manual Integrations APPROVED
mohammad
12/9/2020 12:25:19 PM