Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072419\
Data File : BN006976.D
Acq On : 24 Jul 2019 13:27
Operator : HP/JU
Sample : K3764-18MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A52G4MS

Manual Integrations APPROVED
mohammad
7/25/2019 5:17:07 PM

Quant Time: Jul 24 15:57:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1689	0.40	ng/ul	0.03
2) Naphthalene-d8	10.41	136	6327	0.40	ng/ul	0.04
6) Acenaphthene-d10	14.24	164	3658	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7272	0.40	ng/ul	0.01
16) Chrysene-d12	21.23	240	6241	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	6711	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	2104	0.22	ng/ul	0.05
14) Fluoranthene-d10	19.05	212	6148	0.29	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.30	153	3628	0.249	ng/ul	98
12) Phenanthrene	17.06	178	6401	0.274	ng/ul	97
13) Anthracene	17.19	178	745	0.037	ng/ul#	64
15) Fluoranthene	19.08	202	19579	0.677	ng/ul	99
17) Pyrene	19.45	202	25477	0.893	ng/ul	97
18) Benzo(a)anthracene	21.22	228	6679	0.261	ng/ul	98
19) Chrysene	21.27	228	8304	0.290	ng/ul	96
21) Benzo(b)fluoranthene	22.80	252	11258m	0.409	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	4947m	0.172	ng/ul	
23) Benzo(a)pyrene	23.37	252	6447	0.239	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.70	276	5408	0.198	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.70	278	1032	0.048	ng/ul#	60
26) Benzo(g,h,i)perylene	26.37	276	5758	0.253	ng/ul	97

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

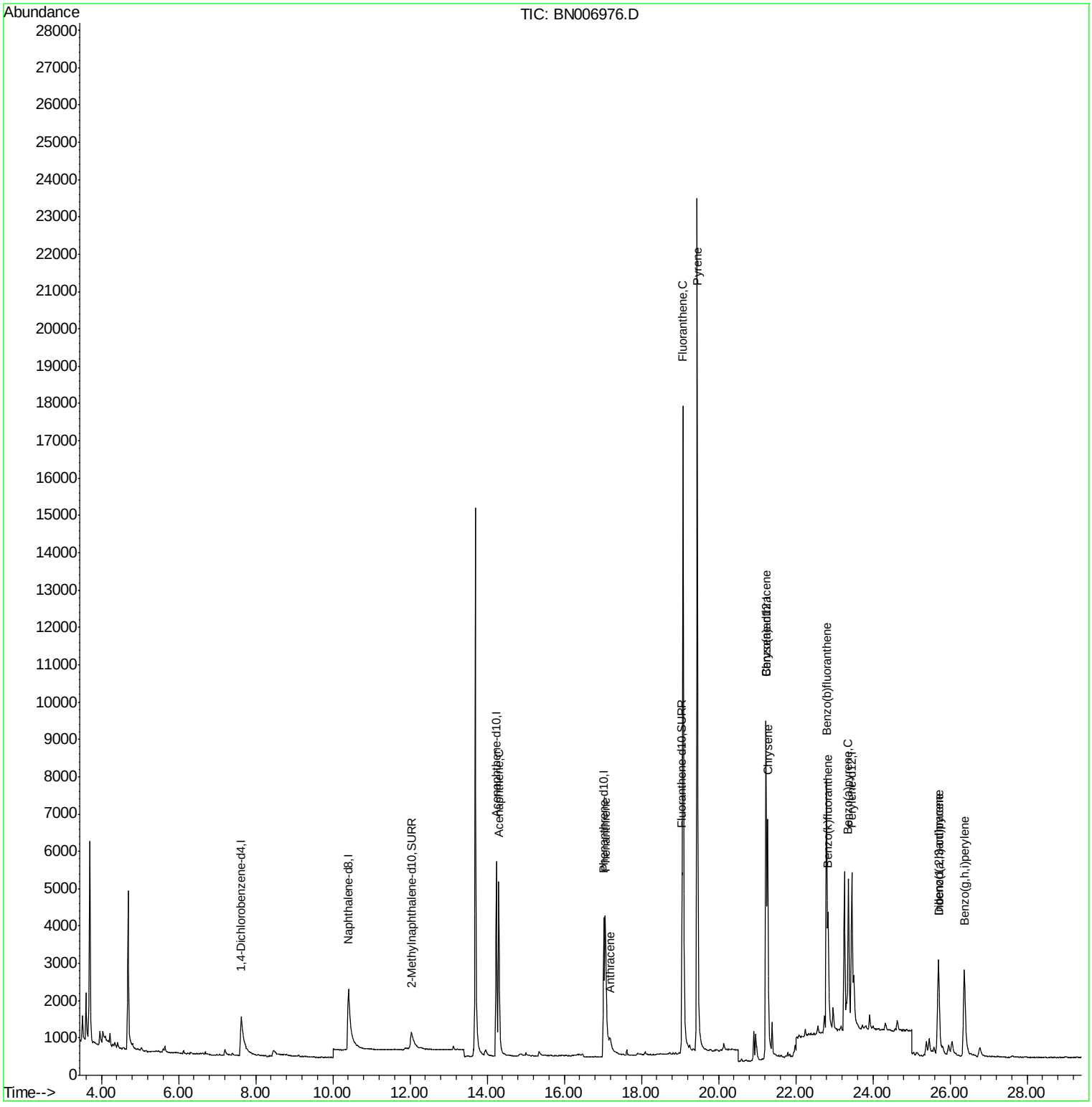
Quantitation Report (QT Reviewed)

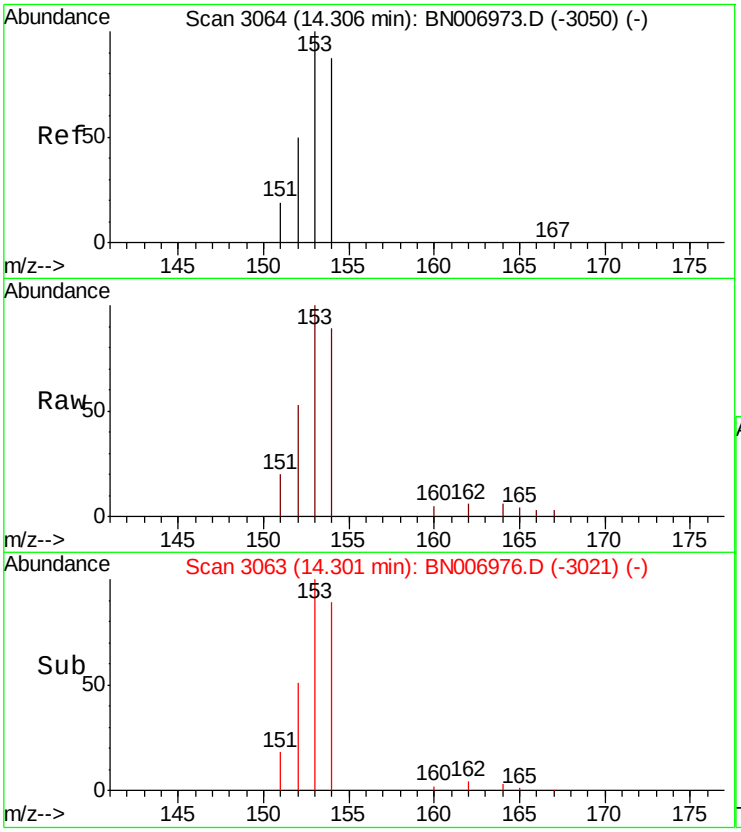
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072419\
Data File : BN006976.D
Acq On : 24 Jul 2019 13:27
Operator : HP/JU
Sample : K3764-18MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 24 15:57:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52G4MS

Manual Integrations APPROVED
mohammad
7/25/2019 5:17:07 PM

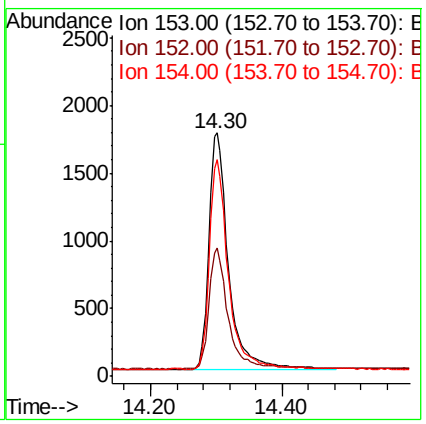




#8
Acenaphthene
Concen: 0.249 ng/ul
RT: 14.30 min Scan# 3063
Delta R.T. -0.00 min
Lab File: BN006976.D
Acq: 24 Jul 2019 13:27

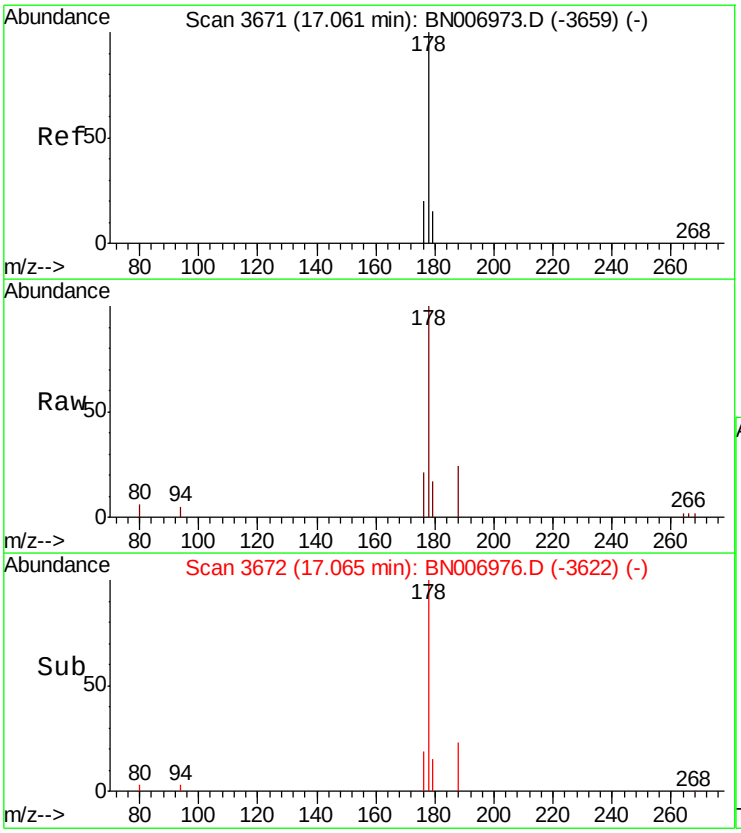
Tgt Ion:153 Resp: 3628

Ion	Ratio	Lower	Upper
153	100		
152	52.7	39.3	58.9
154	88.9	70.6	105.8



Instrument :
BNA_N
ClientSampleId :
A52G4MS

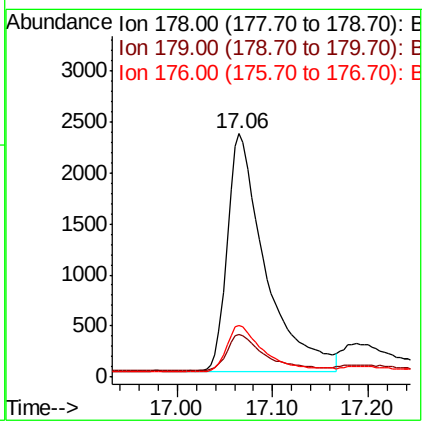
Manual Integrations APPROVED
mohammad
7/25/2019 5:17:07 PM

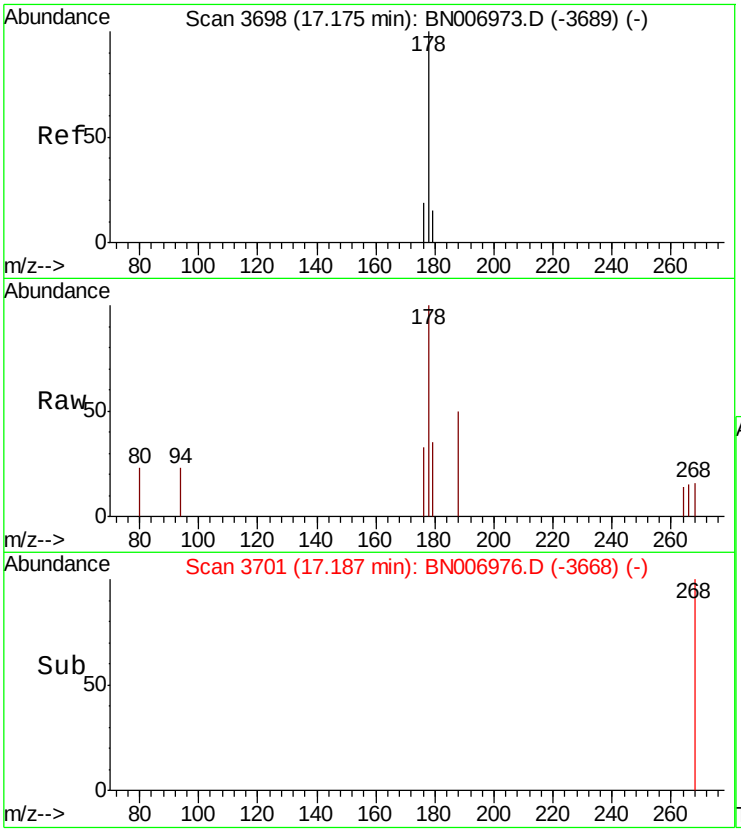


#12
Phenanthrene
Concen: 0.274 ng/ul
RT: 17.06 min Scan# 3672
Delta R.T. 0.01 min
Lab File: BN006976.D
Acq: 24 Jul 2019 13:27

Tgt Ion:178 Resp: 6401

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.6	19.0
176	21.1	15.8	23.8





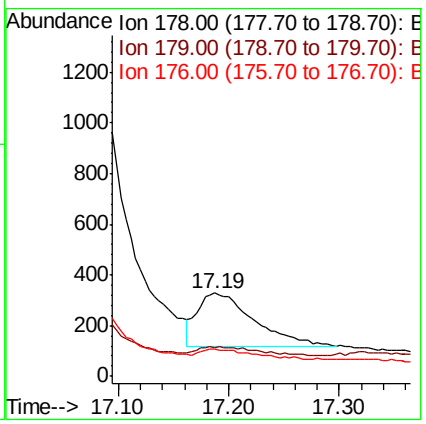
#13
Anthracene
Concen: 0.037 ng/ul
RT: 17.19 min Scan# 3701
Delta R.T. 0.04 min
Lab File: BN006976.D
Acq: 24 Jul 2019 13:27

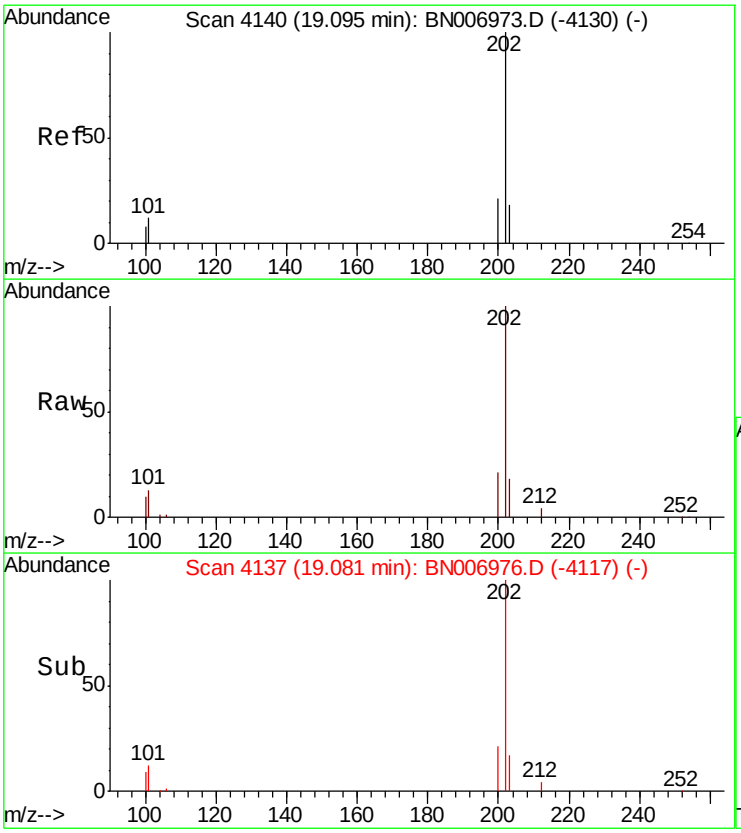
Tgt Ion:178 Resp: 745

Ion	Ratio	Lower	Upper
178	100		
179	35.1	12.7	19.1#
176	32.9	15.8	23.6#

Instrument :
BNA_N
ClientSampleId :
A52G4MS

Manual Integrations APPROVED
mohammad
7/25/2019 5:17:07 PM

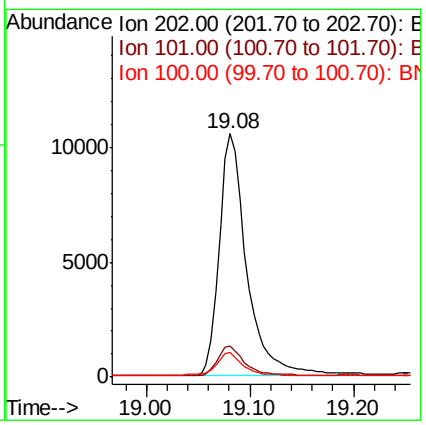


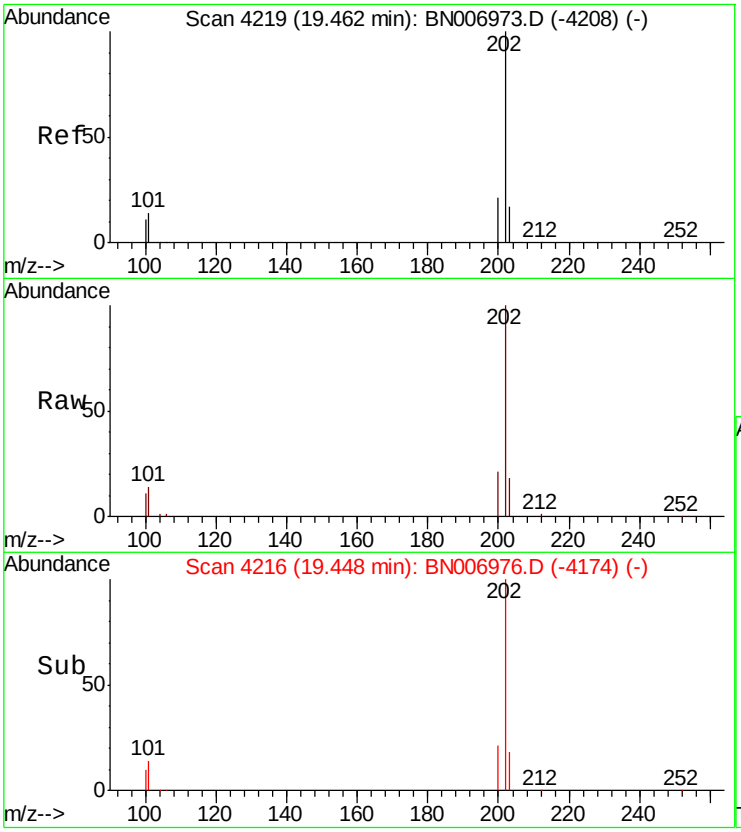


#15
Fluoranthene
Concen: 0.677 ng/ul
RT: 19.08 min Scan# 4137
Delta R.T. -0.00 min
Lab File: BN006976.D
Acq: 24 Jul 2019 13:27

Tgt Ion:202 Resp: 19579

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
100	9.9	0.0	29.9

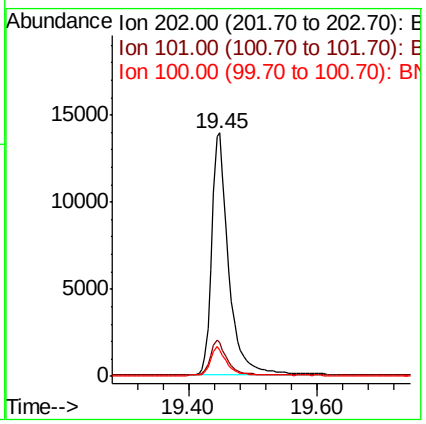




#17
Pyrene
Concen: 0.893 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN006976.D
Acq: 24 Jul 2019 13:27

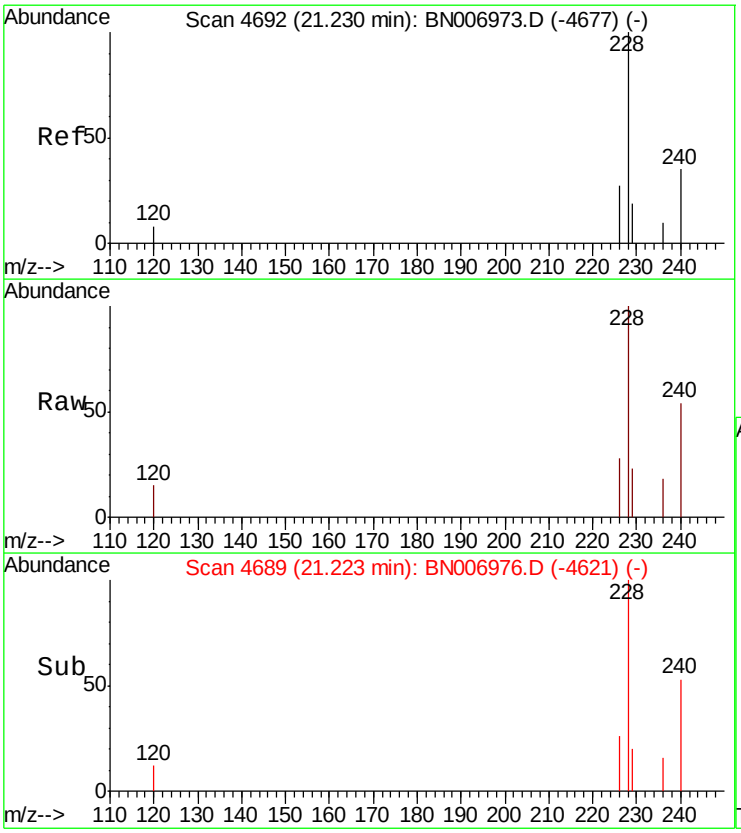
Tgt Ion:202 Resp: 25477

Ion	Ratio	Lower	Upper
202	100		
101	14.1	12.2	18.2
100	10.8	9.8	14.8



Instrument :
BNA_N
ClientSampleId :
A52G4MS

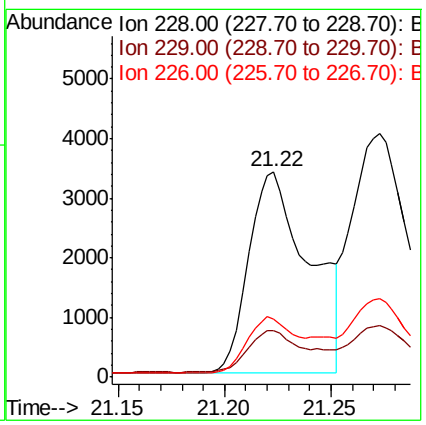
Manual Integrations APPROVED
mohammad
7/25/2019 5:17:07 PM

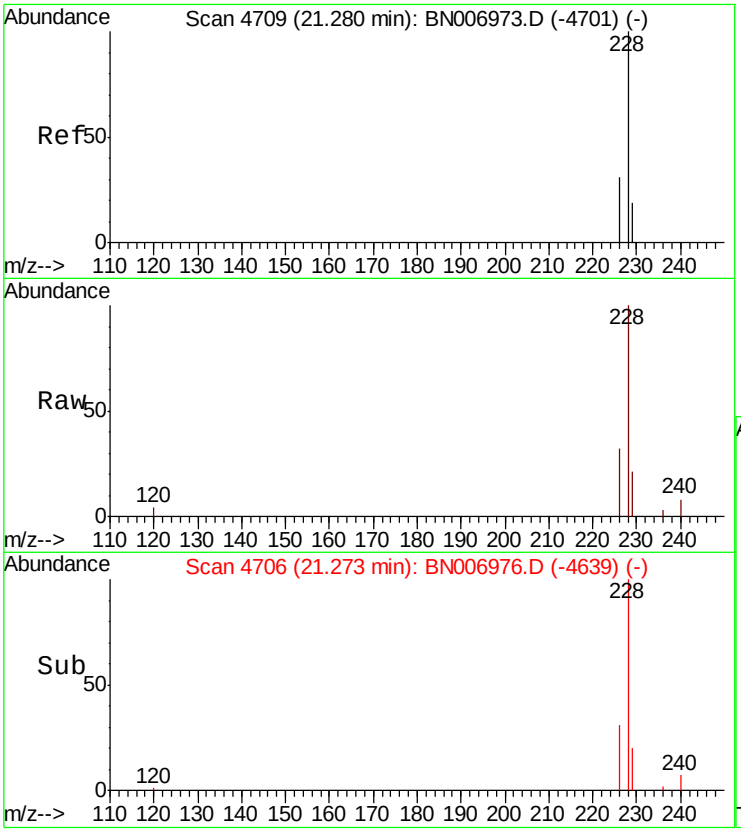


#18
Benzo(a)anthracene
Concen: 0.261 ng/ul
RT: 21.22 min Scan# 4689
Delta R.T. -0.00 min
Lab File: BN006976.D
Acq: 24 Jul 2019 13:27

Tgt Ion:228 Resp: 6679

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.9	23.9
226	28.3	22.6	34.0

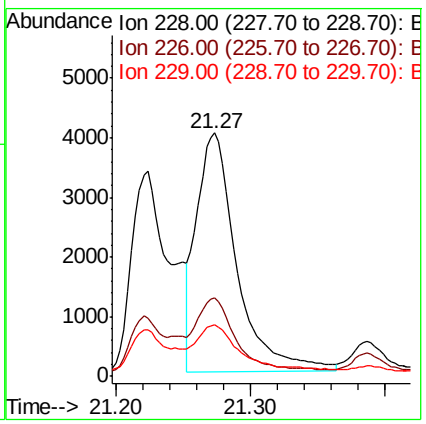




#19
Chrysene
Concen: 0.290 ng/ul
RT: 21.27 min Scan# 4706
Delta R.T. -0.00 min
Lab File: BN006976.D
Acq: 24 Jul 2019 13:27

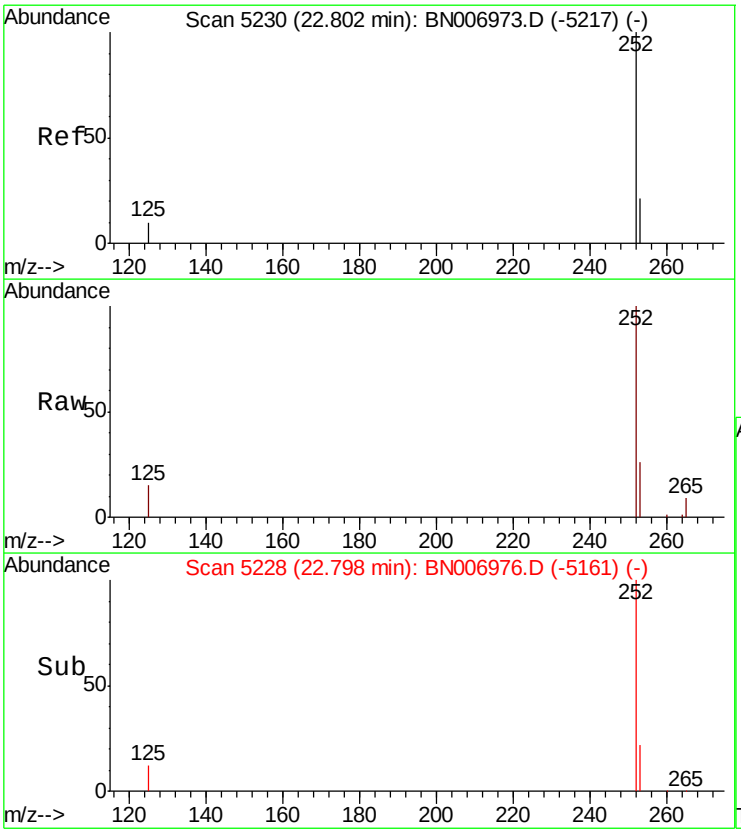
Tgt Ion:228 Resp: 8304

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.2	36.4
229	21.1	15.5	23.3



Instrument :
BNA_N
ClientSampleId :
A52G4MS

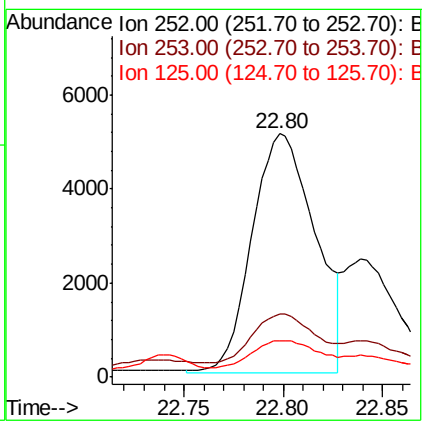
Manual Integrations APPROVED
mohammad
7/25/2019 5:17:07 PM

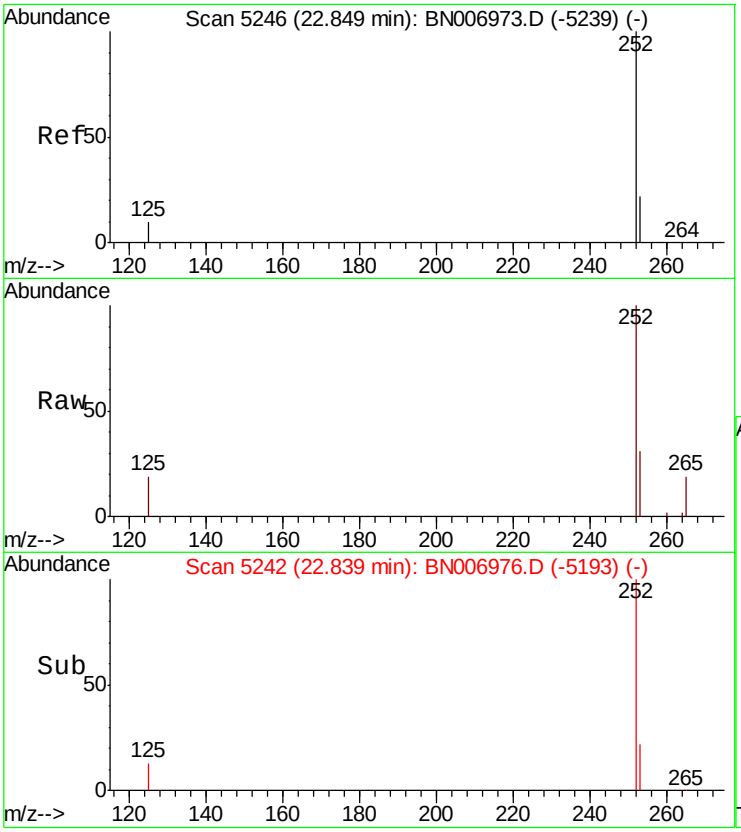


#21
Benzo(b)fluoranthene
Concen: 0.409 ng/ul m
RT: 22.80 min Scan# 5228
Delta R.T. -0.00 min
Lab File: BN006976.D
Acq: 24 Jul 2019 13:27

Tgt Ion:252 Resp: 11258

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	47.8
125	15.1	0.0	29.2





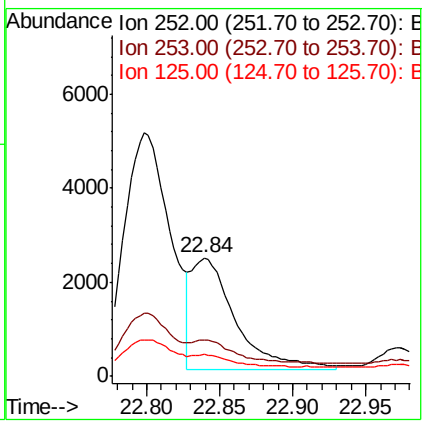
#22
Benzo(k)fluoranthene
Concen: 0.172 ng/ul m
RT: 22.84 min Scan# 5242
Delta R.T. -0.01 min
Lab File: BN006976.D
Acq: 24 Jul 2019 13:27

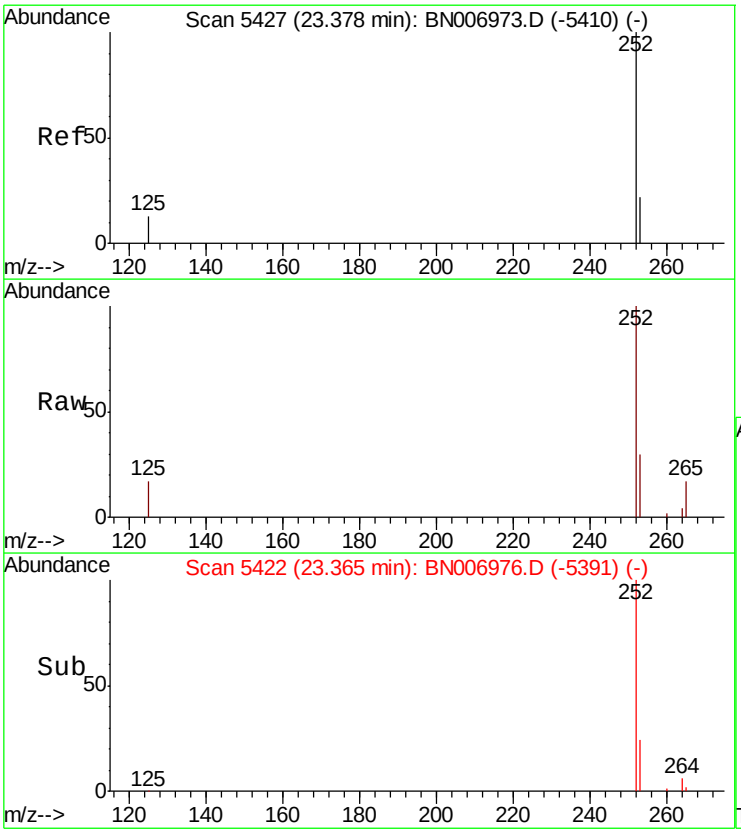
Tgt Ion:252 Resp: 4947

Ion	Ratio	Lower	Upper
252	100		
253	30.7	19.2	28.8#
125	18.9	11.0	16.6#

Instrument :
BNA_N
ClientSampleId :
A52G4MS

Manual Integrations APPROVED
mohammad
7/25/2019 5:17:07 PM

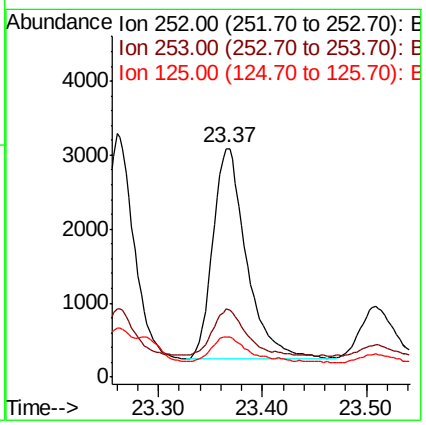


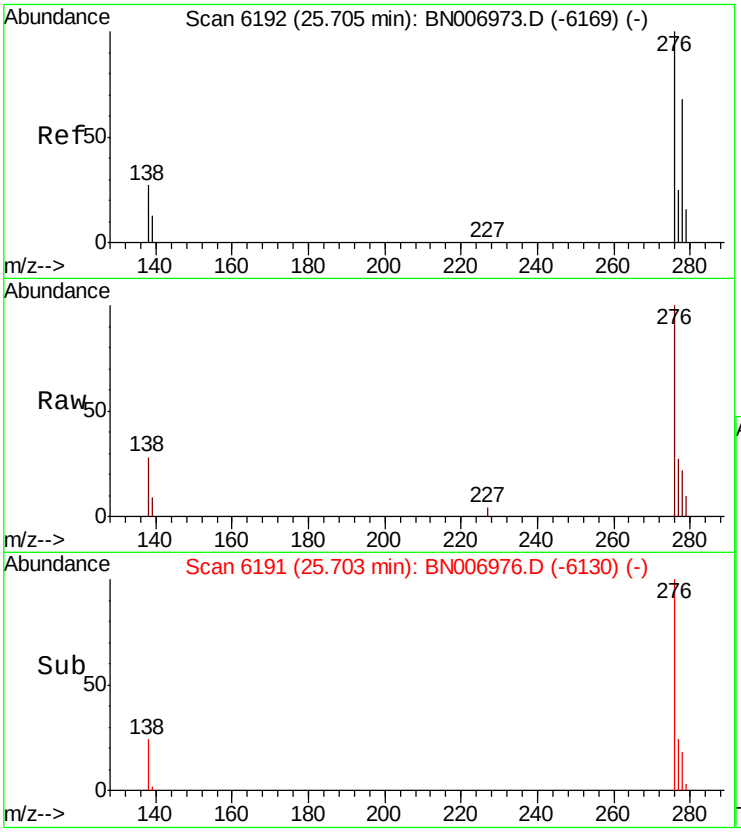


#23
Benzo(a)pyrene
Concen: 0.239 ng/ul
RT: 23.37 min Scan# 5422
Delta R.T. -0.01 min
Lab File: BN006976.D
Acq: 24 Jul 2019 13:27

Tgt Ion:252 Resp: 6447

Ion	Ratio	Lower	Upper
252	100		
253	29.8	19.4	29.2#
125	17.5	12.6	19.0





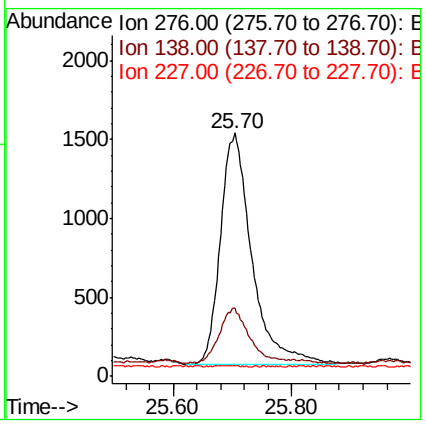
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.198 ng/ul
RT: 25.70 min Scan# 6191
Delta R.T. 0.00 min
Lab File: BN006976.D
Acq: 24 Jul 2019 13:27

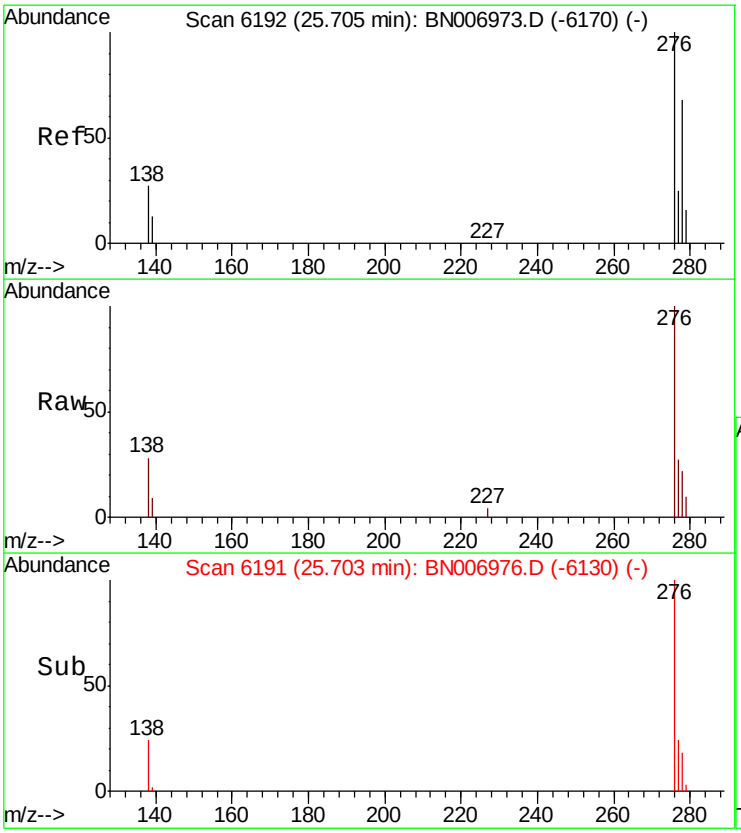
Tgt Ion:276 Resp: 5408

Ion	Ratio	Lower	Upper
276	100		
138	23.4	24.3	36.5#
227	0.1	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
A52G4MS

Manual Integrations APPROVED
mohammad
7/25/2019 5:17:07 PM

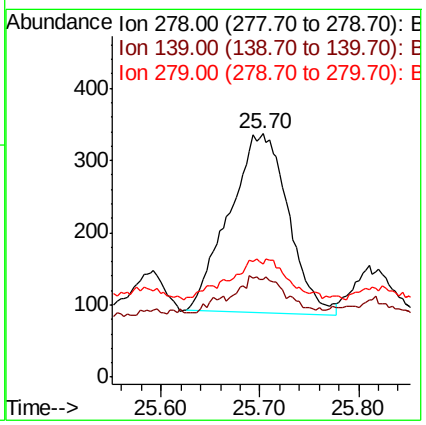


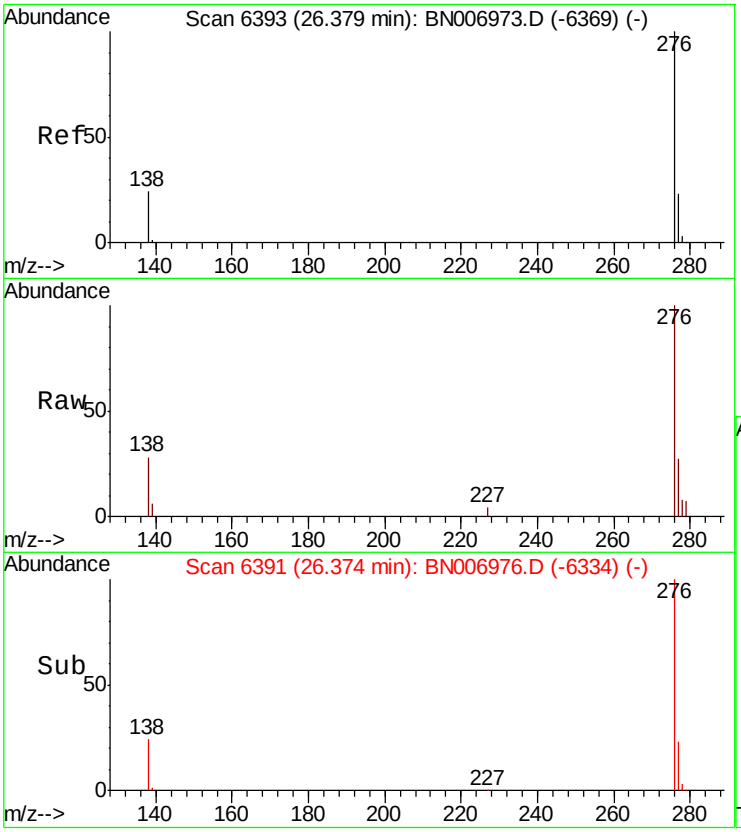


#25
Dibenzo(a,h)anthracene
Concen: 0.048 ng/ul
RT: 25.70 min Scan# 6191
Delta R.T. 0.00 min
Lab File: BN006976.D
Acq: 24 Jul 2019 13:27

Tgt Ion:278 Resp: 1032

Ion	Ratio	Lower	Upper
278	100		
139	40.1	18.1	27.1#
279	46.6	19.8	29.6#

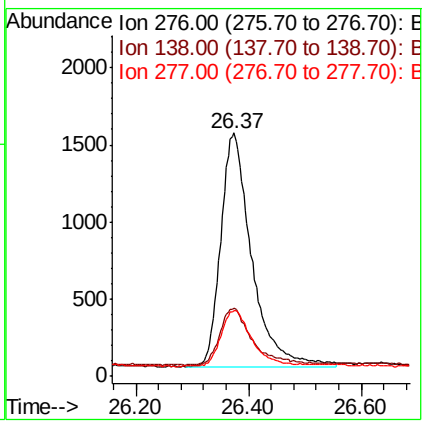




#26
Benzo(g,h,i)perylene
Concen: 0.253 ng/ul
RT: 26.37 min Scan# 6391
Delta R.T. -0.01 min
Lab File: BN006976.D
Acq: 24 Jul 2019 13:27

Tgt Ion:276 Resp: 5758

Ion	Ratio	Lower	Upper
276	100		
138	27.9	22.2	33.2
277	26.9	19.5	29.3



Instrument :
BNA_N
ClientSampleId :
A52G4MS

Manual Integrations APPROVED
mohammad
7/25/2019 5:17:07 PM