Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
Data File : BN019839.D
Acq On : 18 May 2022 20:32
Operator : CG/JU
Sample : N2766-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4G6

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

Quant Time: May 19 05:21:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	4220	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	14727	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	9300	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	20534	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	16186	0.400	ng/ul	# 0.00
23) Perylene-d12	23.738	264	12538	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	8617m	1.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	3054	0.137	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	7350	0.144	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.689	128	1777	0.037	ng/ul#	90
7) 2-Methylnaphthalene	12.300	142	1698	0.058	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	1352	0.050	ng/ul#	100
15) Phenanthrene	17.255	178	14910	0.197	ng/ul	98
16) Anthracene	17.344	178	2520	0.041	ng/ul#	83
19) Fluoranthene	19.272	202	31978	0.432	ng/ul	99
20) Pyrene	19.634	202	27834m	0.376	ng/ul	
21) Benzo(a)anthracene	21.382	228	12816	0.212	ng/ul#	88
22) Chrysene	21.435	228	16176	0.227	ng/ul#	89
24) Benzo(b)fluoranthene	23.033	252	19201m	0.302	ng/ul	
25) Benzo(k)fluoranthene	23.074	252	6025m	0.098	ng/ul	
26) Benzo(a)pyrene	23.636	252	9809	0.181	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.144	276	7984	0.118	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.151	278	2374	0.042	ng/ul#	1
29) Benzo(g,h,i)perylene	26.882	276	1371	0.022	ng/ul#	1

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

Quantitation Report (QT Reviewed)

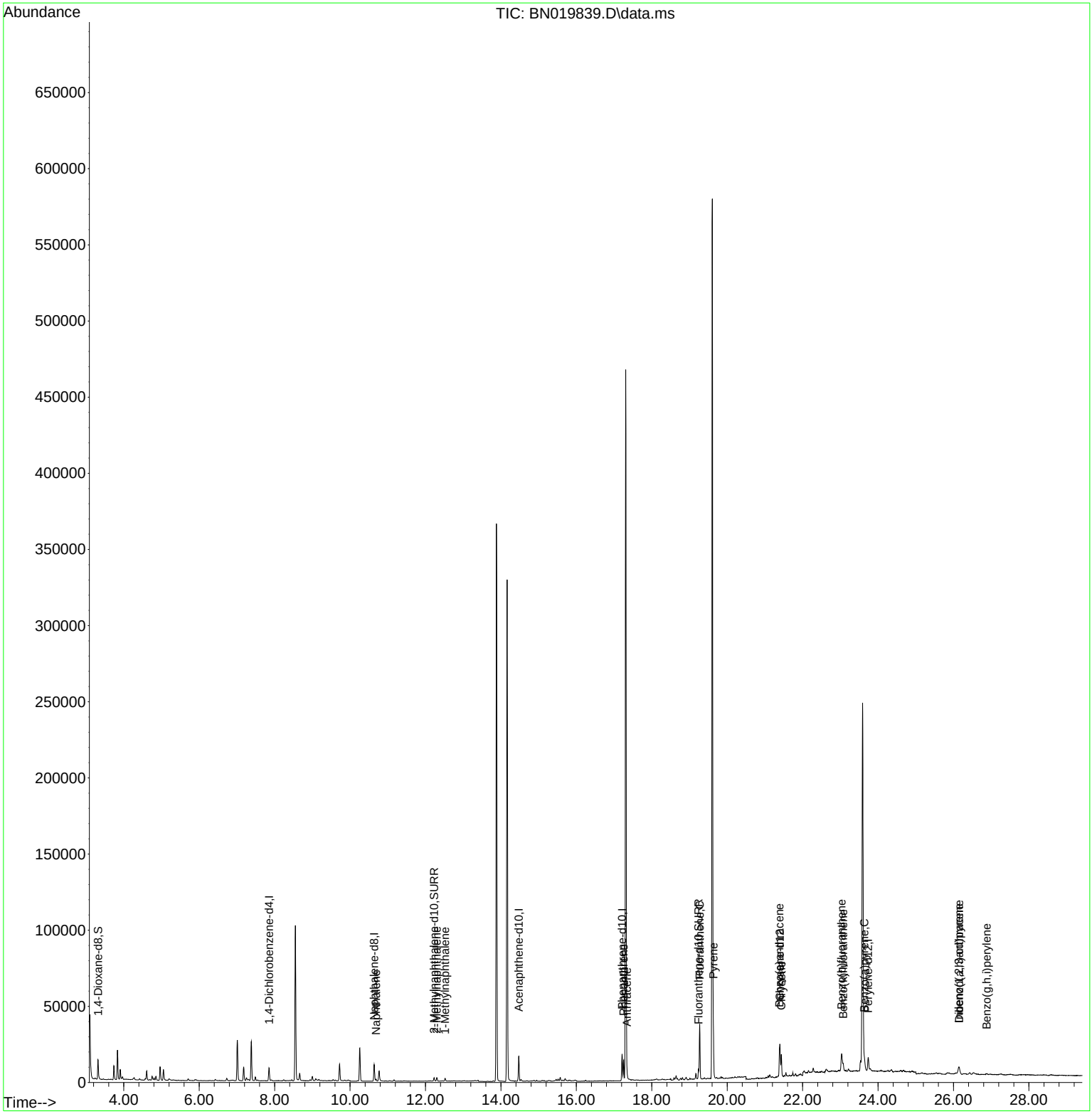
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
Data File : BN019839.D
Acq On : 18 May 2022 20:32
Operator : CG/JU
Sample : N2766-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

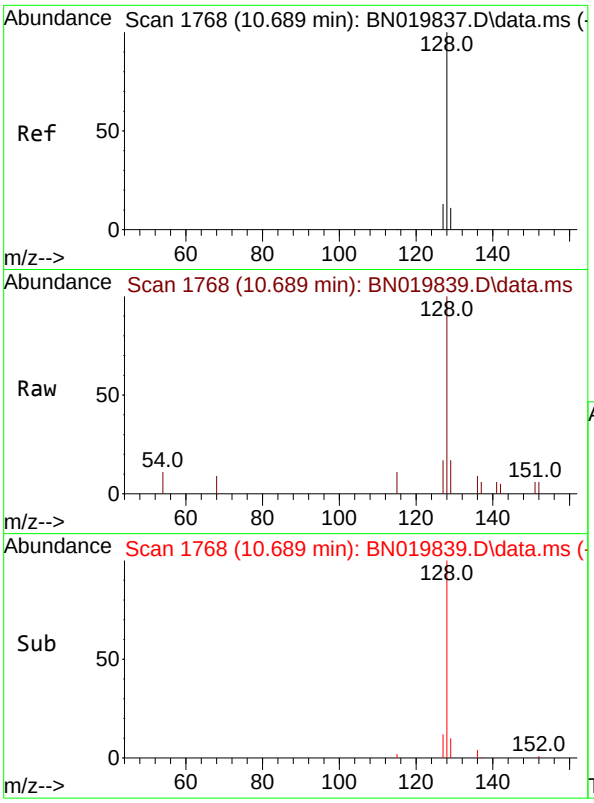
Quant Time: May 19 05:21:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
EW4G6

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022





#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.689 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN019839.D
Acq: 18 May 2022 20:32

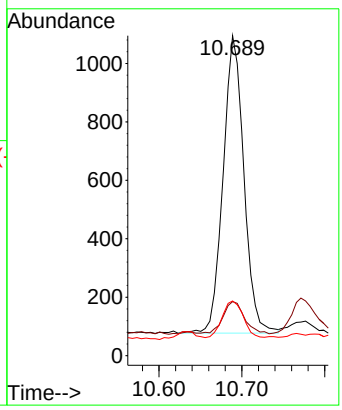
Tgt Ion:128 Resp: 177

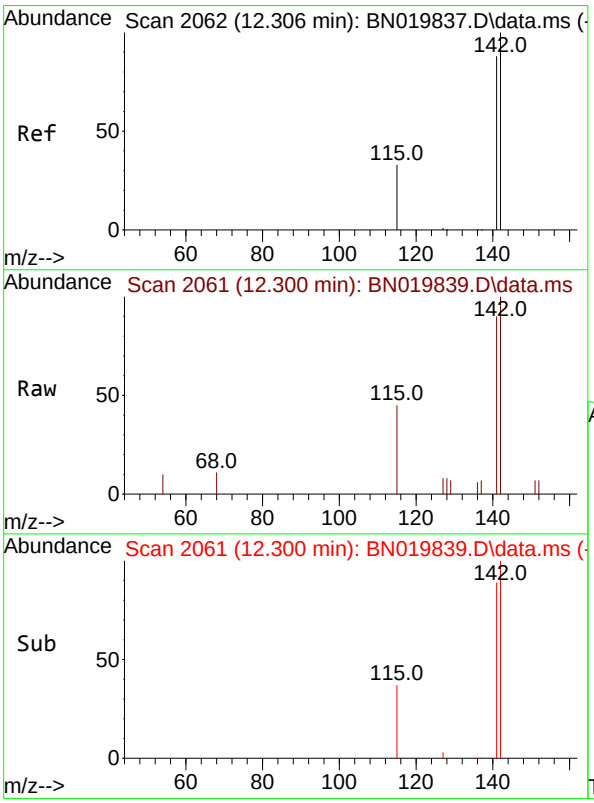
Ion	Ratio	Lower	Upper
128	100		
129	16.9	9.5	14.3#
127	17.1	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
EW4G6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

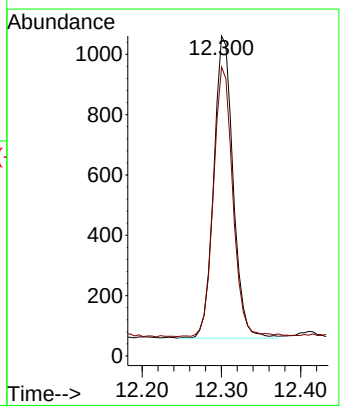


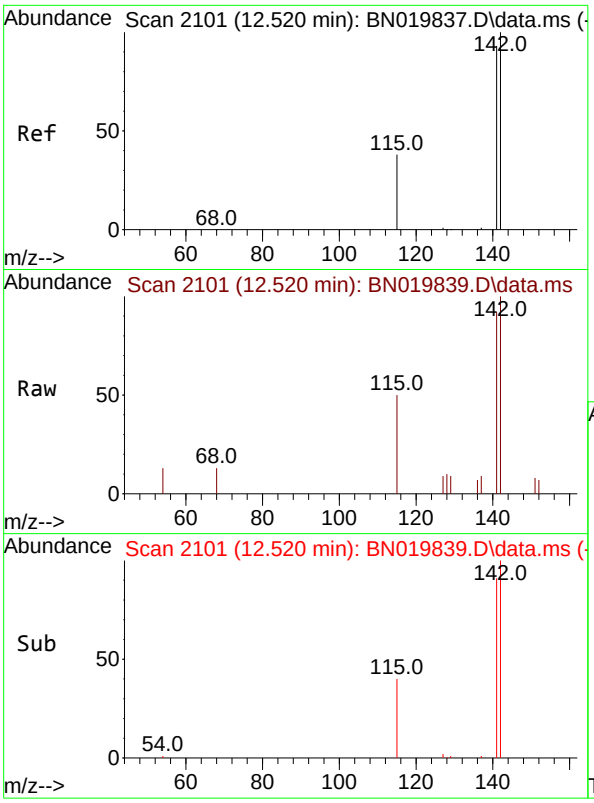


#7
2-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN019839.D
Acq: 18 May 2022 20:32

Tgt Ion:142 Resp: 1698

Ion	Ratio	Lower	Upper
142	100		
141	89.5	0.0	0.0#





#8
1-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.520 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN019839.D
Acq: 18 May 2022 20:32

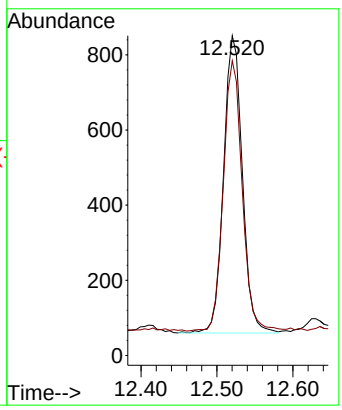
Tgt Ion:142 Resp: 135

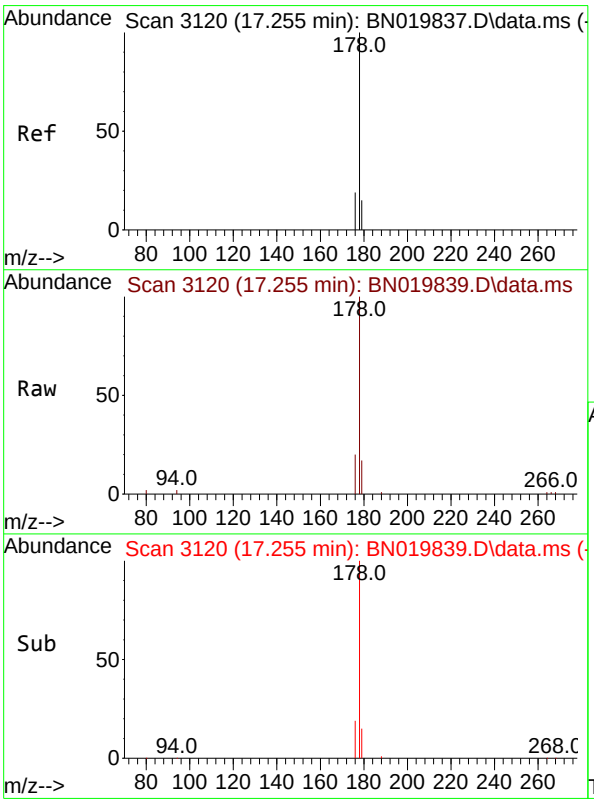
Ion	Ratio	Lower	Upper
142	100		
141	91.7	0.0	0.0

Instrument :
BNA_N
ClientSampleId :
EW4G6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

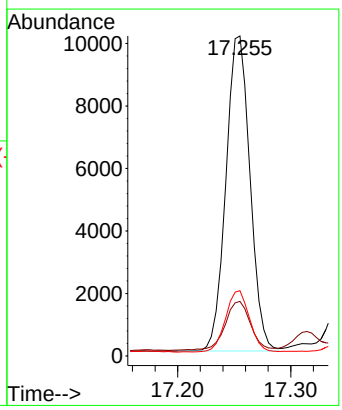


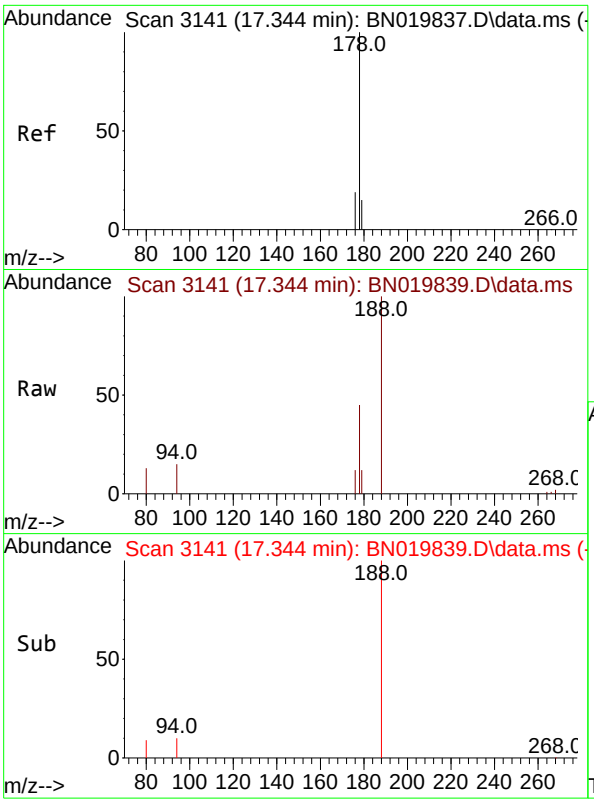


#15
Phenanthrene
Concen: 0.197 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN019839.D
Acq: 18 May 2022 20:32

Tgt Ion:178 Resp: 14910

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.9	19.3
176	20.4	15.5	23.3

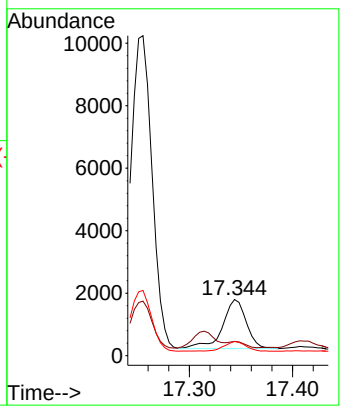




#16
Anthracene
Concen: 0.041 ng/ul
RT: 17.344 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN019839.D
Acq: 18 May 2022 20:32

Tgt Ion:178 Resp: 252

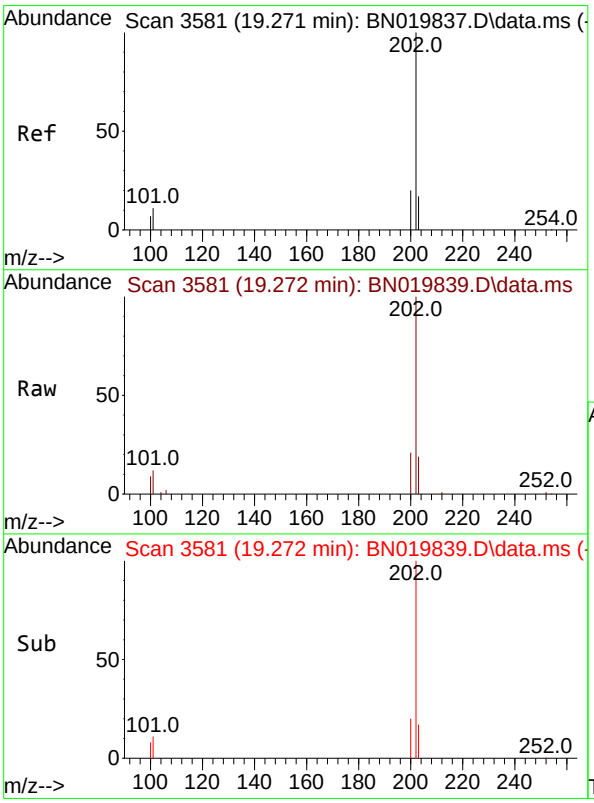
Ion	Ratio	Lower	Upper
178	100		
179	25.4	13.1	19.7#
176	25.4	15.3	22.9#



Instrument :
BNA_N
ClientSampleId :
EW4G6

Manual Integrations
APPROVED

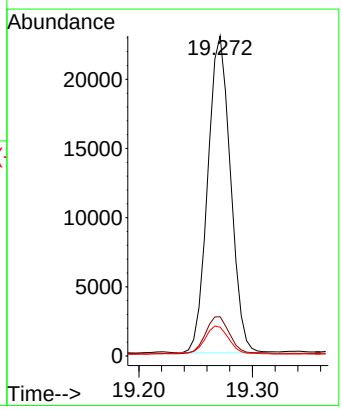
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

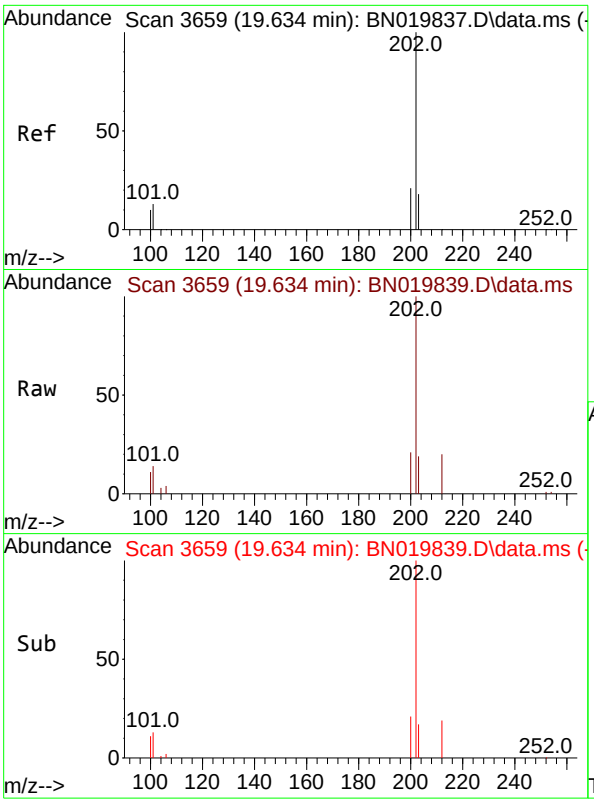


#19
Fluoranthene
Concen: 0.432 ng/ul
RT: 19.272 min Scan# 3581
Delta R.T. 0.000 min
Lab File: BN019839.D
Acq: 18 May 2022 20:32

Tgt Ion:202 Resp: 31978

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
100	9.0	7.4	11.2

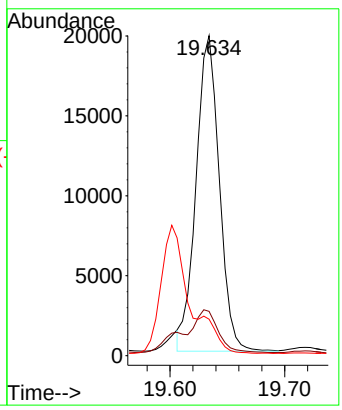




#20
Pyrene
Concen: 0.376 ng/ul m
RT: 19.634 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN019839.D
Acq: 18 May 2022 20:32

Tgt Ion:202 Resp: 2783

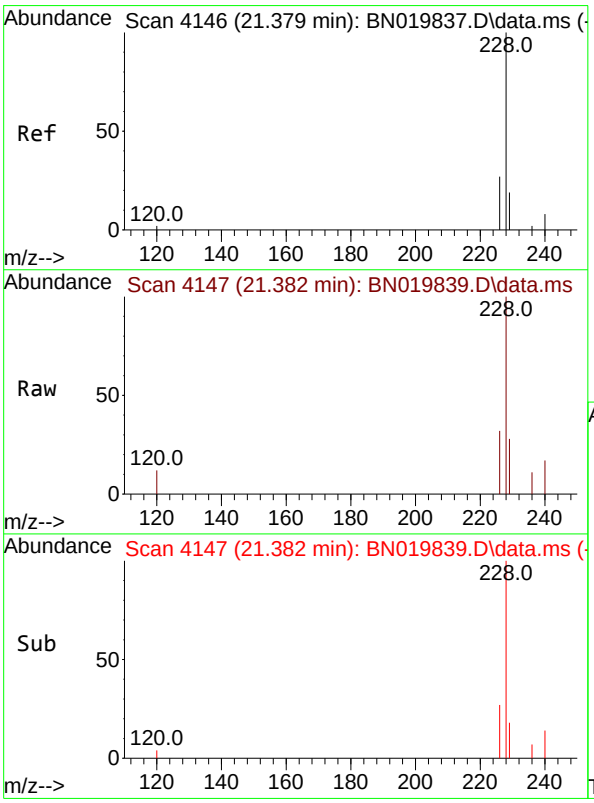
Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.4	17.0
100	11.4	9.0	13.4



Instrument :
BNA_N
ClientSampleId :
EW4G6

Manual Integrations
APPROVED

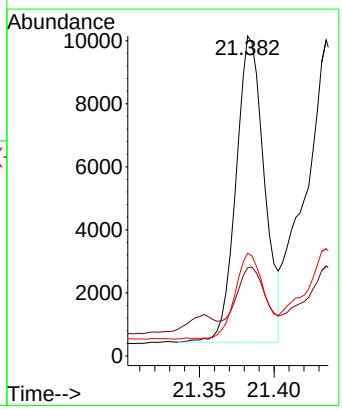
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

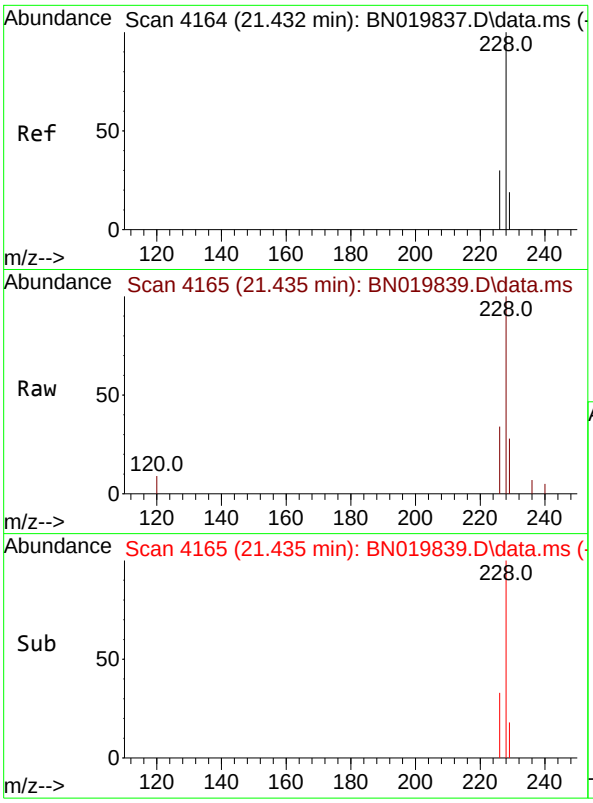


#21
Benzo(a)anthracene
Concen: 0.212 ng/ul
RT: 21.382 min Scan# 4147
Delta R.T. -0.006 min
Lab File: BN019839.D
Acq: 18 May 2022 20:32

Tgt Ion:228 Resp: 12816

Ion	Ratio	Lower	Upper
228	100		
229	27.6	16.1	24.1#
226	32.1	22.1	33.1

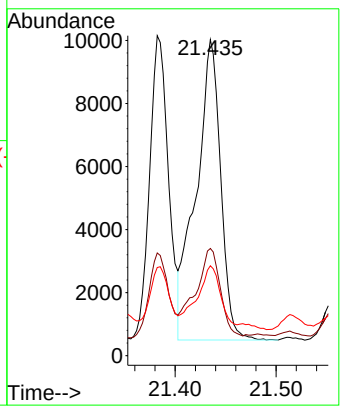




#22
Chrysene
Concen: 0.227 ng/ul
RT: 21.435 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN019839.D
Acq: 18 May 2022 20:32

Tgt Ion:228 Resp: 1617

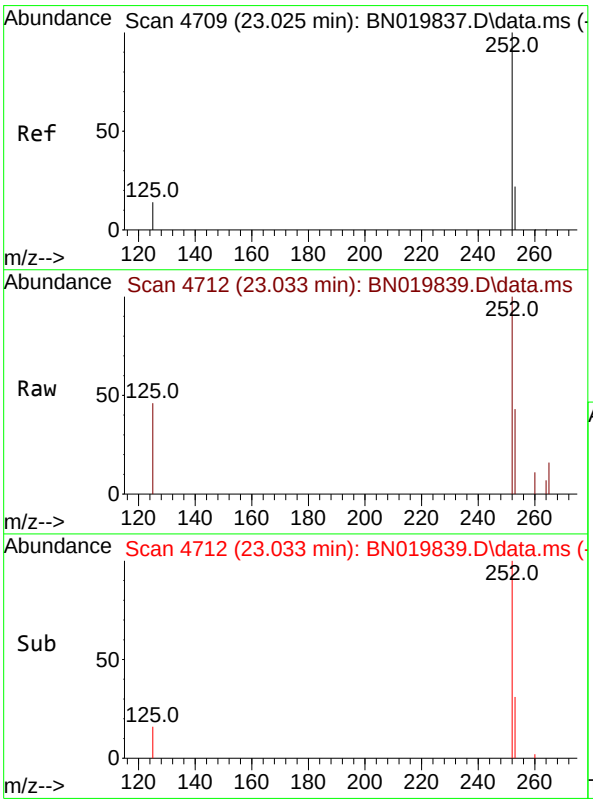
Ion	Ratio	Lower	Upper
228	100		
226	33.9	24.2	36.2
229	28.5	16.0	24.0#



Instrument :
BNA_N
ClientSampleId :
EW4G6

Manual Integrations
APPROVED

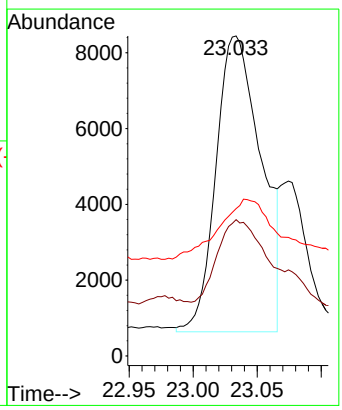
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

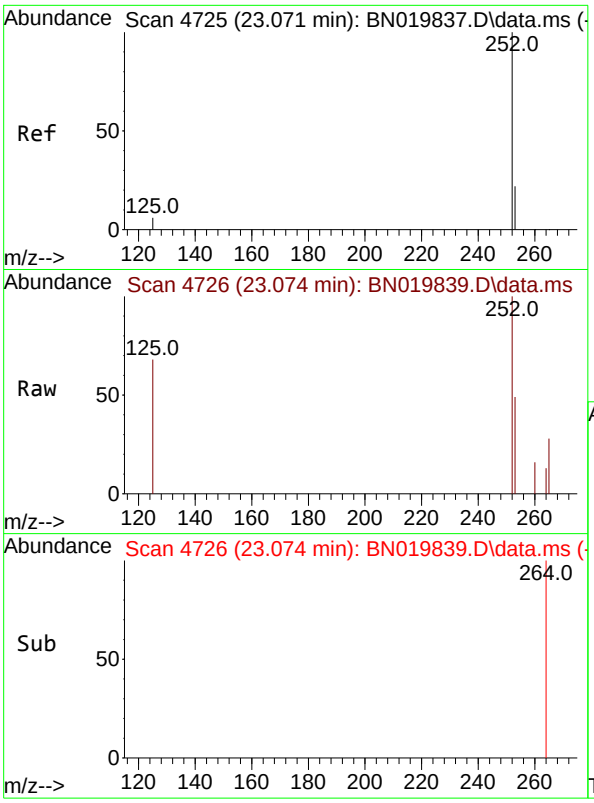


#24
Benzo(b)fluoranthene
Concen: 0.302 ng/ul m
RT: 23.033 min Scan# 4712
Delta R.T. 0.000 min
Lab File: BN019839.D
Acq: 18 May 2022 20:32

Tgt Ion:252 Resp: 19201

Ion	Ratio	Lower	Upper
252	100		
253	42.6	0.0	52.0
125	46.1	0.0	40.2#





#25
Benzo(k)fluoranthene
Concen: 0.098 ng/ul m
RT: 23.074 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN019839.D
Acq: 18 May 2022 20:32

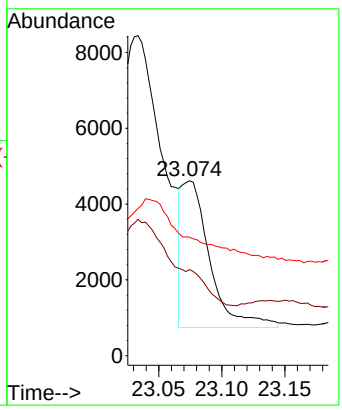
Tgt Ion:252 Resp: 602

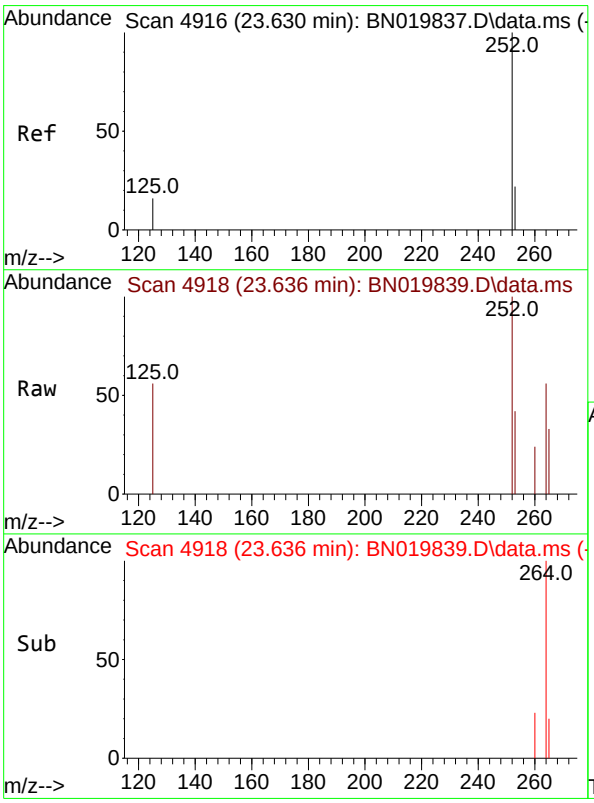
Ion	Ratio	Lower	Upper
252	100		
253	49.2	20.2	30.2#
125	67.8	11.0	16.6#

Instrument :
BNA_N
ClientSampleId :
EW4G6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

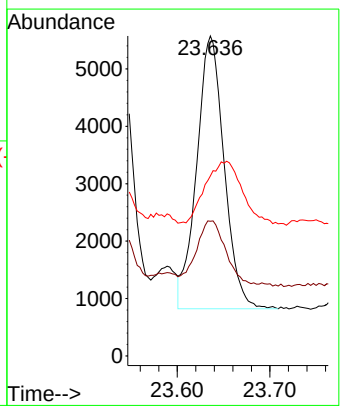


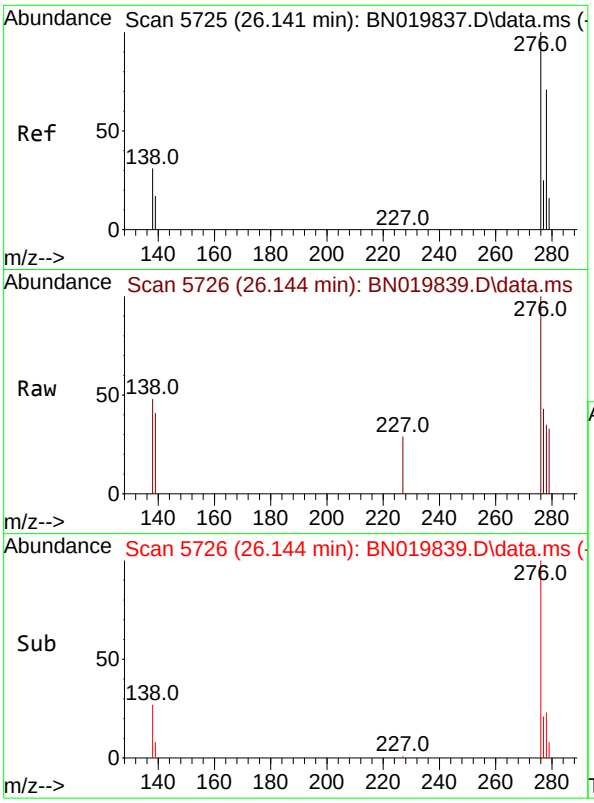


#26
Benzo(a)pyrene
Concen: 0.181 ng/ul
RT: 23.636 min Scan# 4918
Delta R.T. -0.003 min
Lab File: BN019839.D
Acq: 18 May 2022 20:32

Tgt Ion:252 Resp: 9809

Ion	Ratio	Lower	Upper
252	100		
253	42.1	23.4	35.0#
125	56.2	28.3	42.5#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.118 ng/ul
RT: 26.144 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN019839.D
Acq: 18 May 2022 20:32

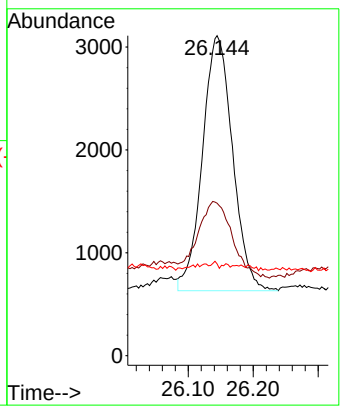
Tgt Ion:276 Resp: 798

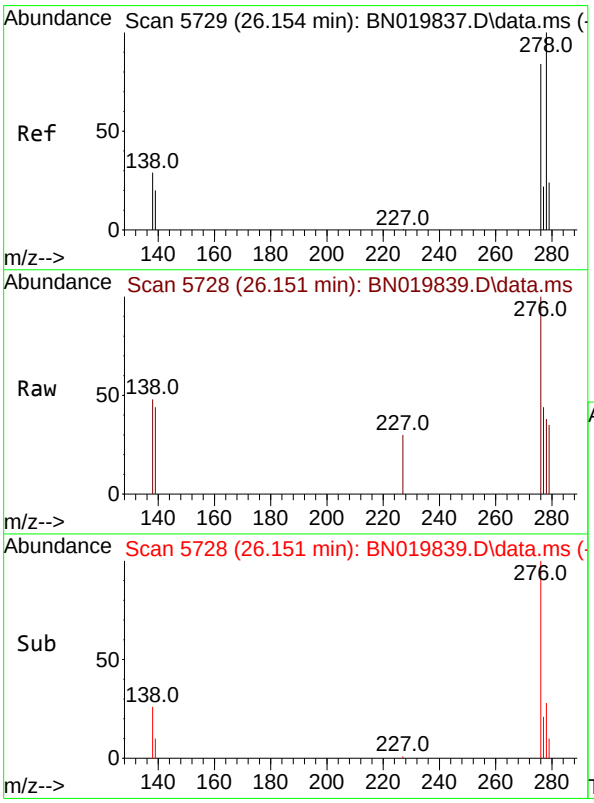
Ion	Ratio	Lower	Upper
276	100		
138	34.8	23.6	35.4
227	0.7	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
EW4G6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

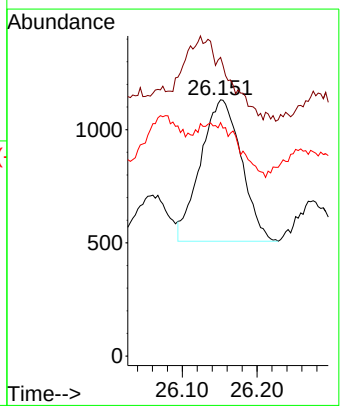


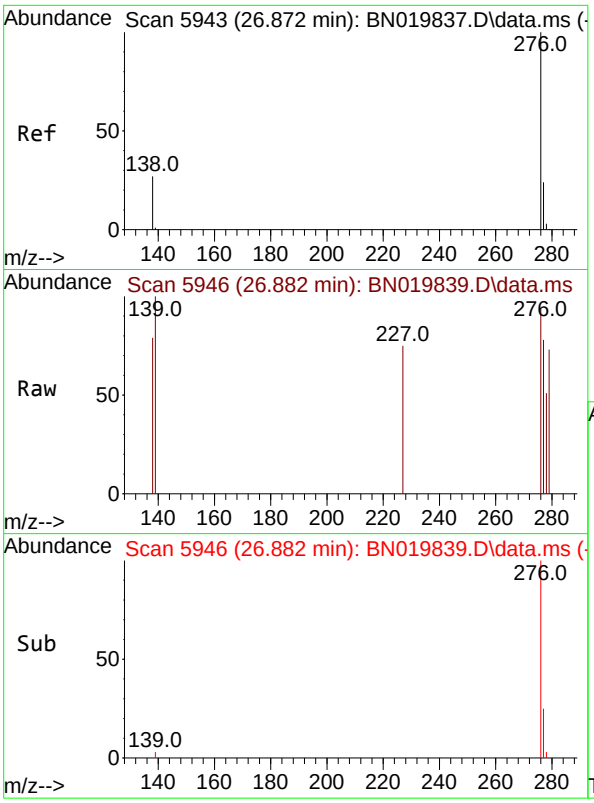


#28
Dibenzo(a,h)anthracene
Concen: 0.042 ng/ul
RT: 26.151 min Scan# 5728
Delta R.T. -0.013 min
Lab File: BN019839.D
Acq: 18 May 2022 20:32

Tgt Ion:278 Resp: 2374

Ion	Ratio	Lower	Upper
278	100		
139	116.5	18.6	28.0#
279	91.1	35.1	52.7#

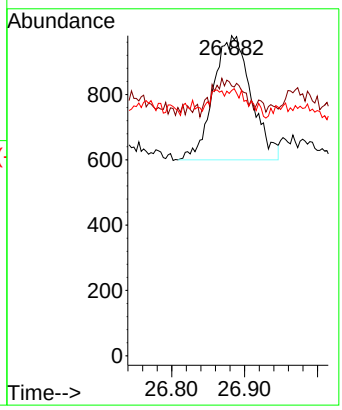




#29
Benzo(g,h,i)perylene
Concen: 0.022 ng/ul
RT: 26.882 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN019839.D
Acq: 18 May 2022 20:32

Tgt Ion:276 Resp: 137

Ion	Ratio	Lower	Upper
276	100		
138	84.3	20.9	31.3#
277	82.9	20.4	30.6#



Instrument :
BNA_N
ClientSampleId :
EW4G6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022