

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026271.D
 Acq On : 04 Jul 2023 20:29
 Operator : MA/JU
 Sample : 03247-20DL 5X
 Misc :
 ALS Vial : 129 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGM6DL

Quant Time: Jul 05 00:08:49 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 00:03:30 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	9317	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	29560	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	16397	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.339	188	31033	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	17749	0.400	ng/ul	0.00
23) Perylene-d12	23.990	264	19183	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5387	0.513	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	1556	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	2661	0.039	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.381	178	11754	0.115	ng/ul	96
19) Fluoranthene	19.396	202	35395	0.373	ng/ul	99
20) Pyrene	19.759	202	30445	0.309	ng/ul	99
21) Benzo(a)anthracene	21.511	228	13272	0.181	ng/ul#	91
22) Chrysene	21.567	228	19704	0.259	ng/ul#	92
24) Benzo(b)fluoranthene	23.242	252	31630m	0.386	ng/ul	
25) Benzo(k)fluoranthene	23.283	252	11352m	0.138	ng/ul	
26) Benzo(a)pyrene	23.885	252	19012	0.267	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.571	276	17823	0.229	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.578	278	4281	0.073	ng/ul#	20
29) Benzo(g,h,i)perylene	27.369	276	17314	0.251	ng/ul#	92

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

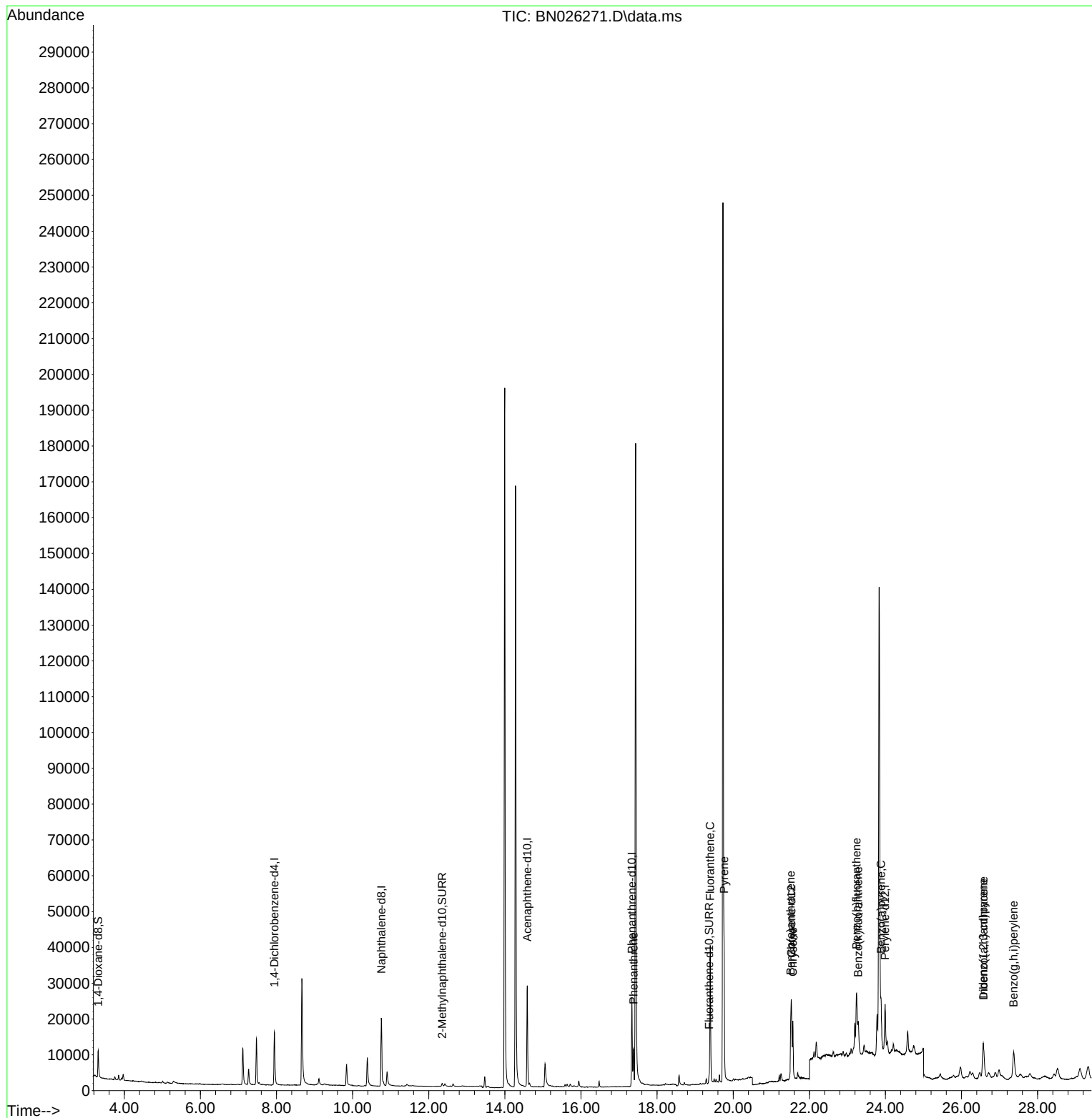
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026271.D
Acq On : 04 Jul 2023 20:29
Operator : MA/JU
Sample : 03247-20DL 5X
Misc :
ALS Vial : 129 Sample Multiplier: 1

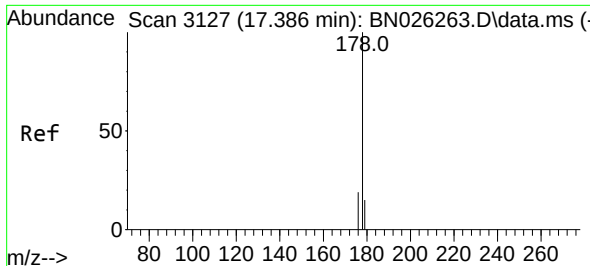
Instrument :
BNA_N
ClientSampleId :
DCGM6DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

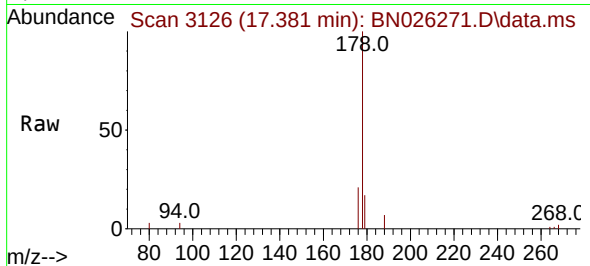
Quant Time: Jul 05 00:08:49 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 00:03:30 2023
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.115 ng/ul
RT: 17.381 min Scan# 3127
Delta R.T. -0.005 min
Lab File: BN026271.D
Acq: 04 Jul 2023 20:29

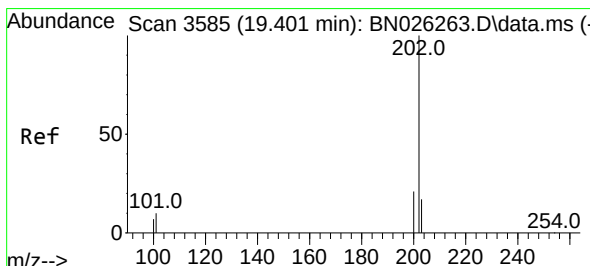
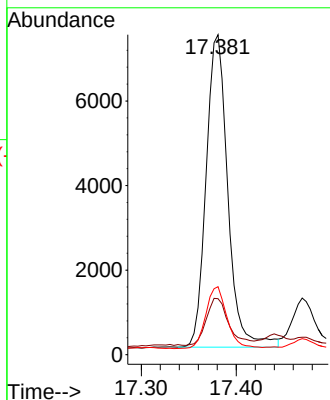
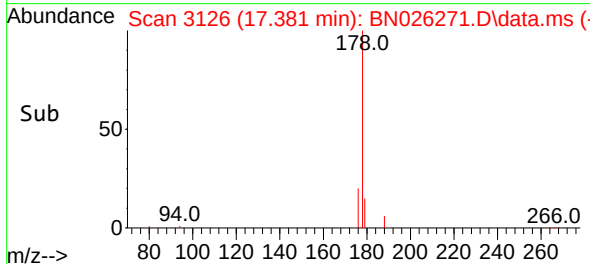
Instrument :
BNA_N
ClientSampleId :
DCGM6DL



Tgt Ion:178 Resp: 11754
Ion Ratio Lower Upper
178 100
179 17.5 12.6 19.0
176 21.2 15.8 23.6

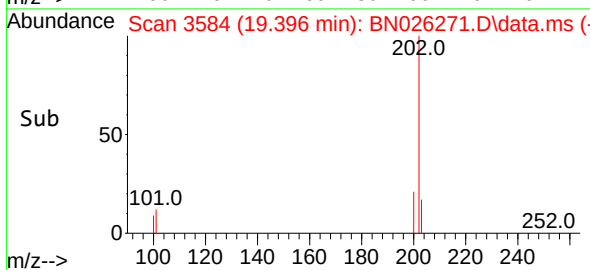
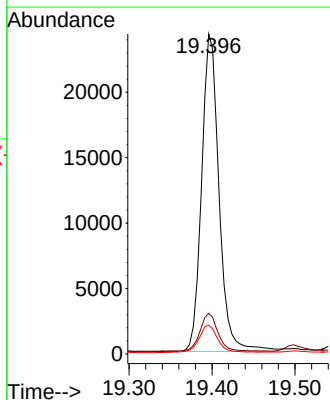
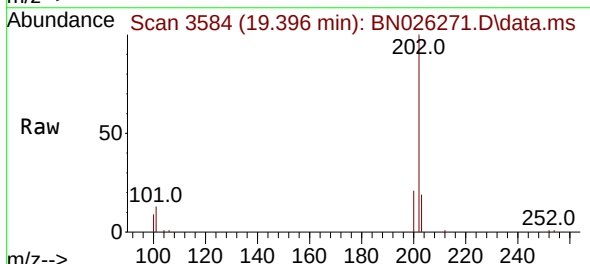
Manual Integrations
APPROVED

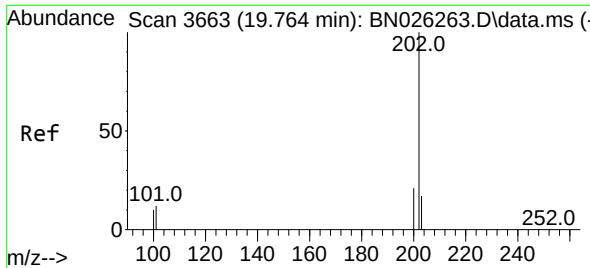
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#19
Fluoranthene
Concen: 0.373 ng/ul
RT: 19.396 min Scan# 3584
Delta R.T. -0.005 min
Lab File: BN026271.D
Acq: 04 Jul 2023 20:29

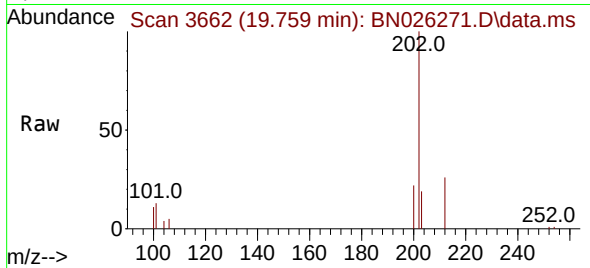
Tgt Ion:202 Resp: 35395
Ion Ratio Lower Upper
202 100
101 12.7 9.5 14.3
100 9.0 7.3 10.9





#20
Pyrene
Concen: 0.309 ng/u1
RT: 19.759 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN026271.D
Acq: 04 Jul 2023 20:29

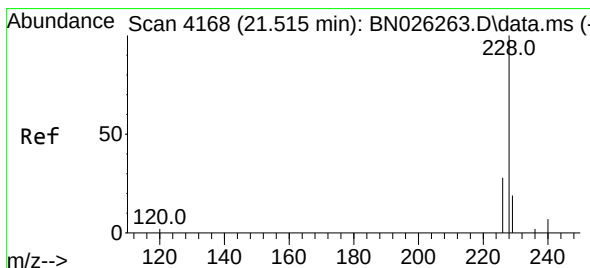
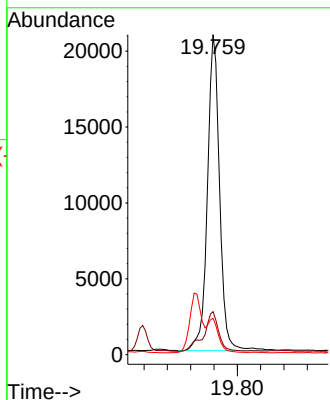
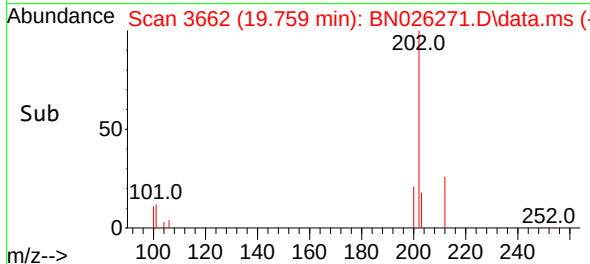
Instrument :
BNA_N
ClientSampleId :
DCGM6DL



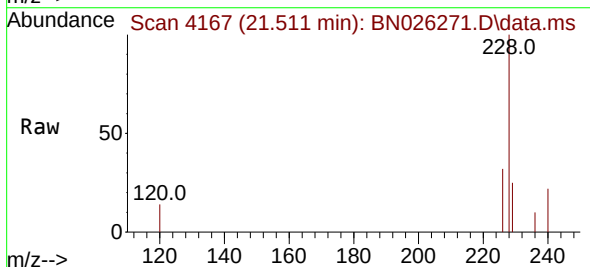
Tgt Ion:202 Resp: 30445
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 11.3 9.1 13.7

Manual Integrations
APPROVED

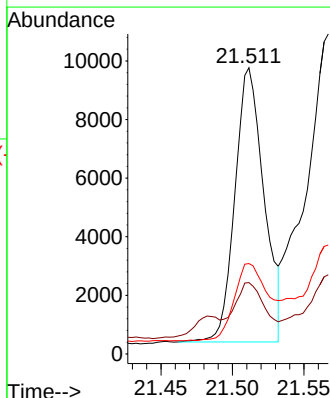
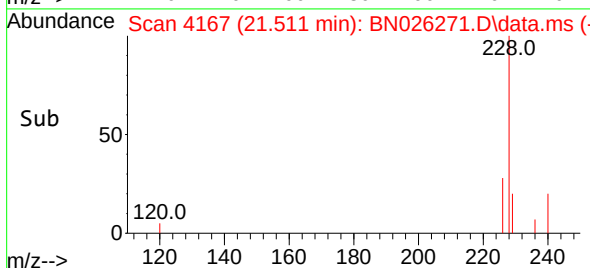
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

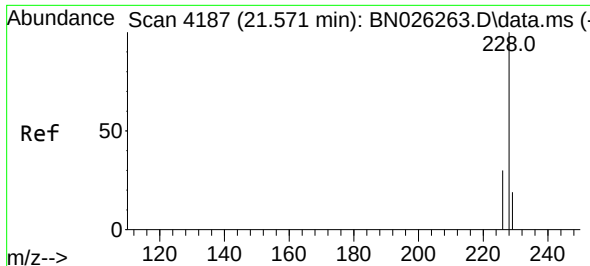


#21
Benzo(a)anthracene
Concen: 0.181 ng/u1
RT: 21.511 min Scan# 4167
Delta R.T. -0.004 min
Lab File: BN026271.D
Acq: 04 Jul 2023 20:29



Tgt Ion:228 Resp: 13272
Ion Ratio Lower Upper
228 100
229 25.0 15.8 23.6#
226 31.6 22.5 33.7





#22

Chrysene

Concen: 0.259 ng/ul

RT: 21.567 min Scan# 4187

Delta R.T. -0.004 min

Lab File: BN026271.D

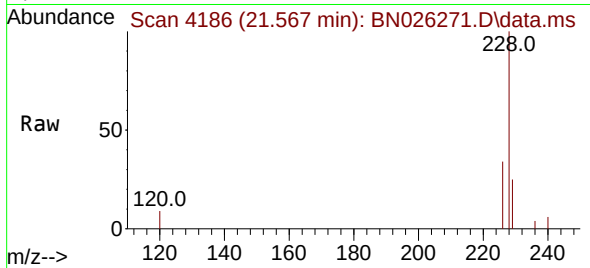
Acq: 04 Jul 2023 20:29

Instrument :

BNA_N

ClientSampleId :

DCGM6DL



Tgt Ion:228 Resp: 19704

Ion Ratio Lower Upper

228 100

226 34.1 24.8 37.2

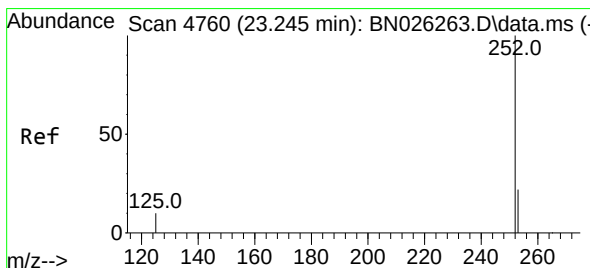
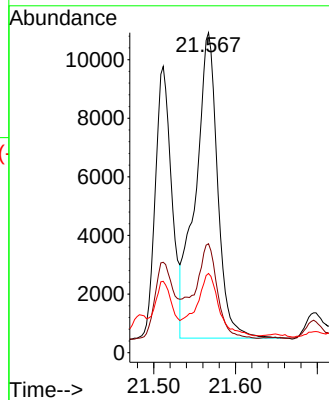
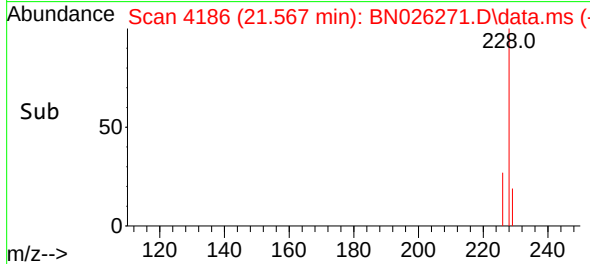
229 24.8 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#24

Benzo(b)fluoranthene

Concen: 0.386 ng/ul m

RT: 23.242 min Scan# 4759

Delta R.T. -0.004 min

Lab File: BN026271.D

Acq: 04 Jul 2023 20:29

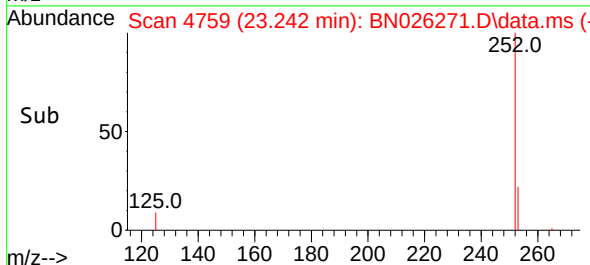
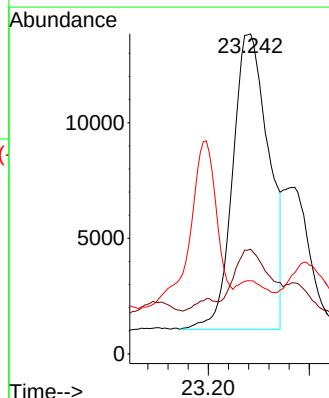
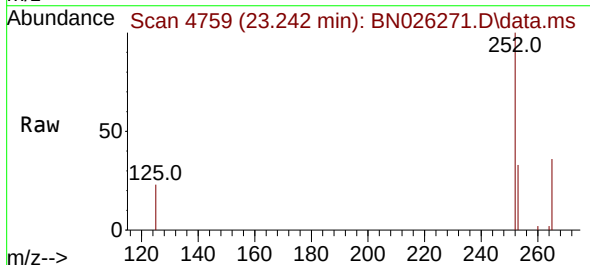
Tgt Ion:252 Resp: 31630

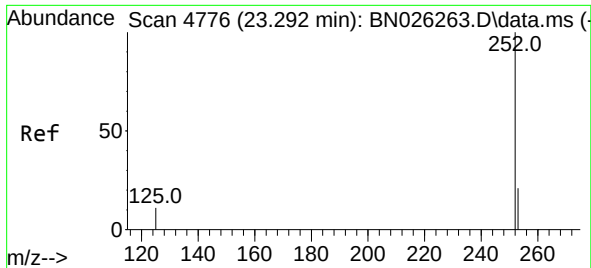
Ion Ratio Lower Upper

252 100

253 32.8 0.0 55.6

125 22.8 0.0 35.8





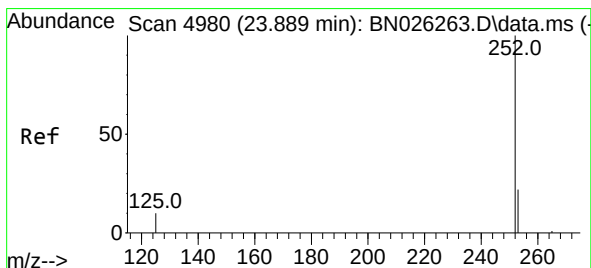
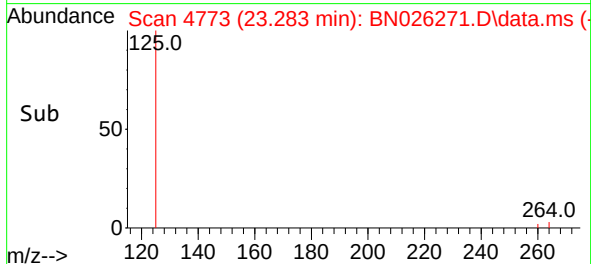
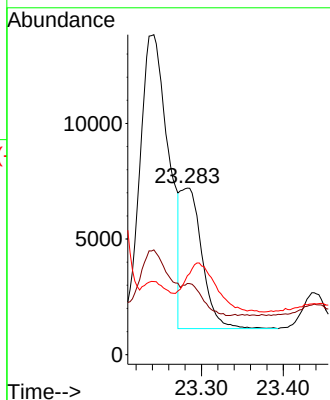
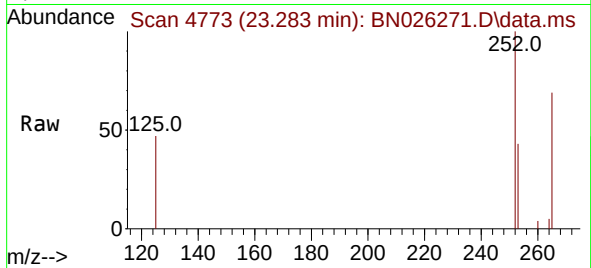
#25
Benzo(k)fluoranthene
Concen: 0.138 ng/ul m
RT: 23.283 min Scan# 4978
Delta R.T. -0.009 min
Lab File: BN026271.D
Acq: 04 Jul 2023 20:29

Instrument :
BNA_N
ClientSampleId :
DCGM6DL

Tgt Ion:252 Resp: 11352
Ion Ratio Lower Upper
252 100
253 42.7 23.2 34.8
125 47.4 15.0 22.4

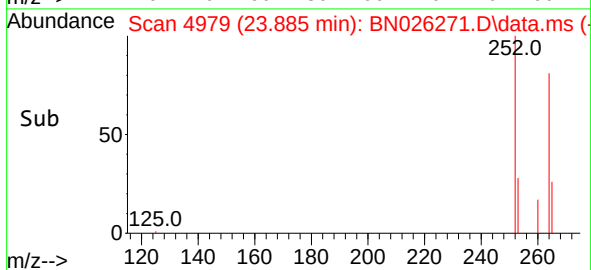
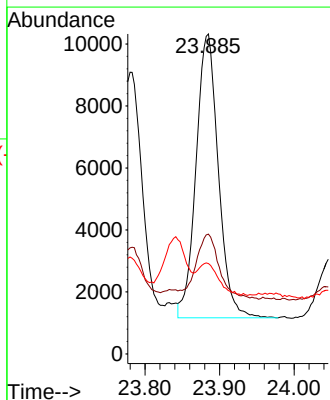
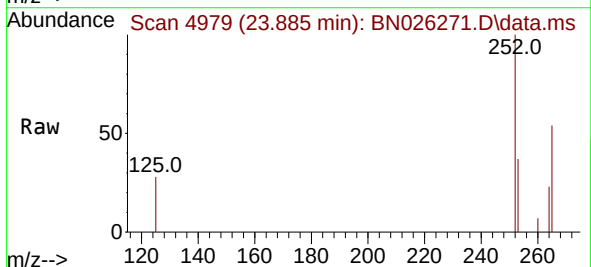
Manual Integrations
APPROVED

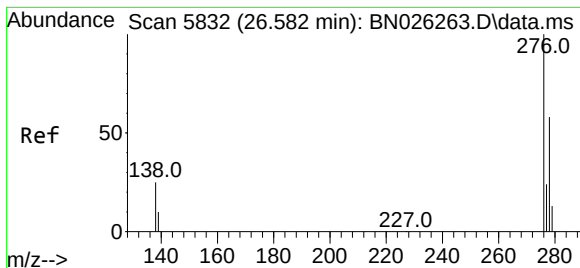
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#26
Benzo(a)pyrene
Concen: 0.267 ng/ul
RT: 23.885 min Scan# 4979
Delta R.T. -0.004 min
Lab File: BN026271.D
Acq: 04 Jul 2023 20:29

Tgt Ion:252 Resp: 19012
Ion Ratio Lower Upper
252 100
253 37.5 26.0 39.0
125 28.2 17.3 25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.229 ng/ul

RT: 26.571 min Scan# 5829

Delta R.T. -0.011 min

Lab File: BN026271.D

Acq: 04 Jul 2023 20:29

Instrument :

BNA_N

ClientSampleId :

DCGM6DL

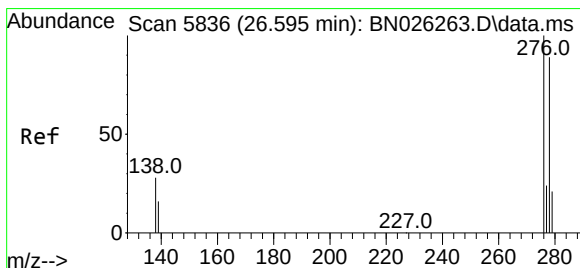
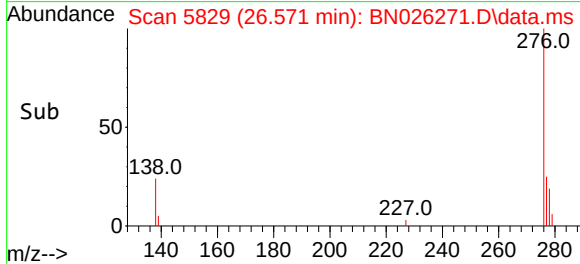
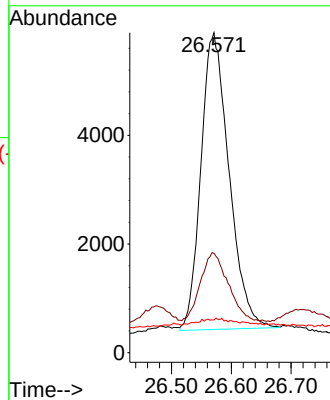
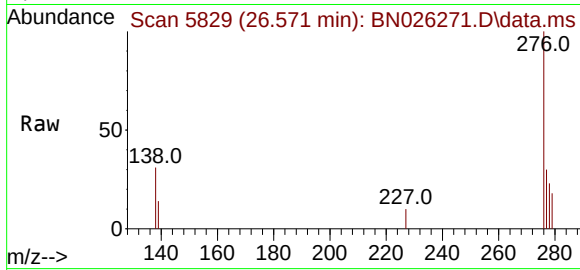
Tgt Ion:	276	Resp:	1782
Ion Ratio	Lower	Upper	
276	100		
138	23.7	24.5	36.7
227	4.5	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.073 ng/ul

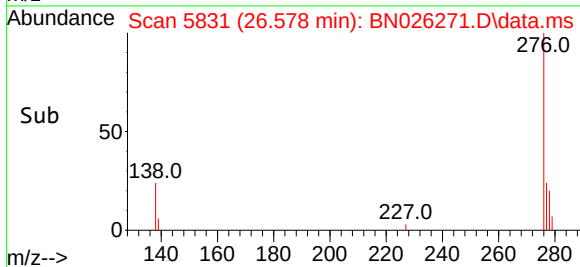
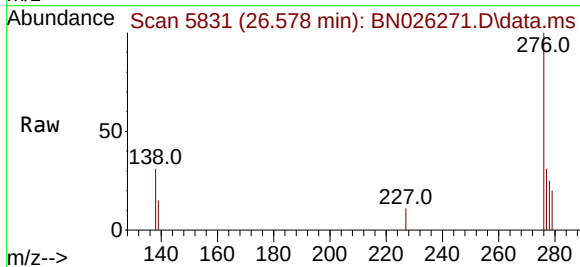
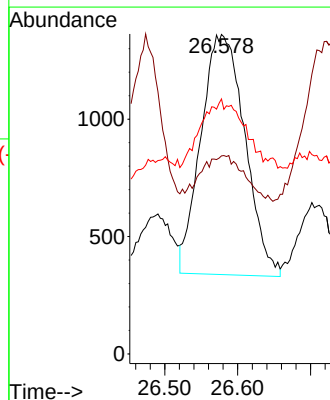
RT: 26.578 min Scan# 5831

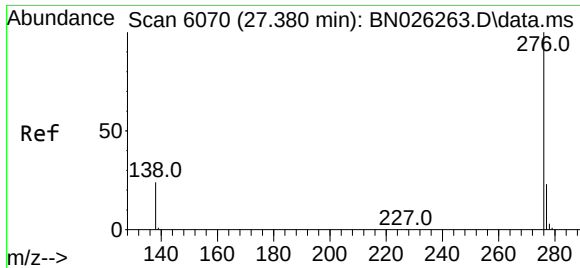
Delta R.T. -0.017 min

Lab File: BN026271.D

Acq: 04 Jul 2023 20:29

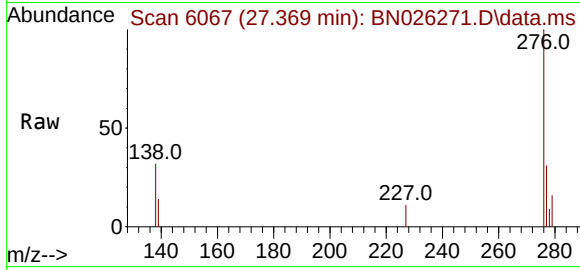
Tgt Ion:	278	Resp:	4281
Ion Ratio	Lower	Upper	
278	100		
139	62.0	19.0	28.4
279	79.8	26.7	40.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.251 ng/ul
 RT: 27.369 min Scan# 6067
 Delta R.T. -0.011 min
 Lab File: BN026271.D
 Acq: 04 Jul 2023 20:29

Instrument :
 BNA_N
 ClientSampleId :
 DCGM6DL



Tgt Ion:276 Resp: 17314

Ion	Ratio	Lower	Upper
276	100		
138	31.8	23.4	35.0
277	31.0	20.0	30.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

