

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026251.D
 Acq On : 04 Jul 2023 07:39
 Operator : MA/JU
 Sample : 03245-11DL 5X
 Misc :
 ALS Vial : 108 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGG9DL

Manual Integrations
 APPROVED

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

Supervised By :mohammad
 ahmed
 07/05/2023

Quant Time: Jul 04 09:10:32 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 : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	8485	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	27267	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	15668	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	30034	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	17512	0.400	ng/ul	0.00
23) Perylene-d12	24.003	264	19556	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	4644	0.486	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	1302	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	2336	0.035	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.809	128	2589	0.033	ng/ul#	87
7) 2-Methylnaphthalene	12.425	142	2239	0.045	ng/ul	98
8) 1-Methylnaphthalene	12.640	142	1792	0.035	ng/ul	98
10) Acenaphthylene	14.312	152	2267	0.031	ng/ul#	79
15) Phenanthrene	17.381	178	15374	0.155	ng/ul	97
16) Anthracene	17.474	178	2609	0.030	ng/ul#	77
19) Fluoranthene	19.401	202	36783	0.393	ng/ul	98
20) Pyrene	19.764	202	31266	0.321	ng/ul	98
21) Benzo(a)anthracene	21.518	228	14023	0.194	ng/ul#	91
22) Chrysene	21.571	228	20296	0.270	ng/ul#	91
24) Benzo(b)fluoranthene	23.251	252	33064m	0.396	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	11962m	0.143	ng/ul	
26) Benzo(a)pyrene	23.894	252	19207	0.265	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.592	276	19433	0.245	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.605	278	4543	0.076	ng/ul#	20
29) Benzo(g,h,i)perylene	27.393	276	17759	0.252	ng/ul#	92

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

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Acq On : 04 Jul 2023 07:39
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ALS Vial : 108 Sample Multiplier: 1

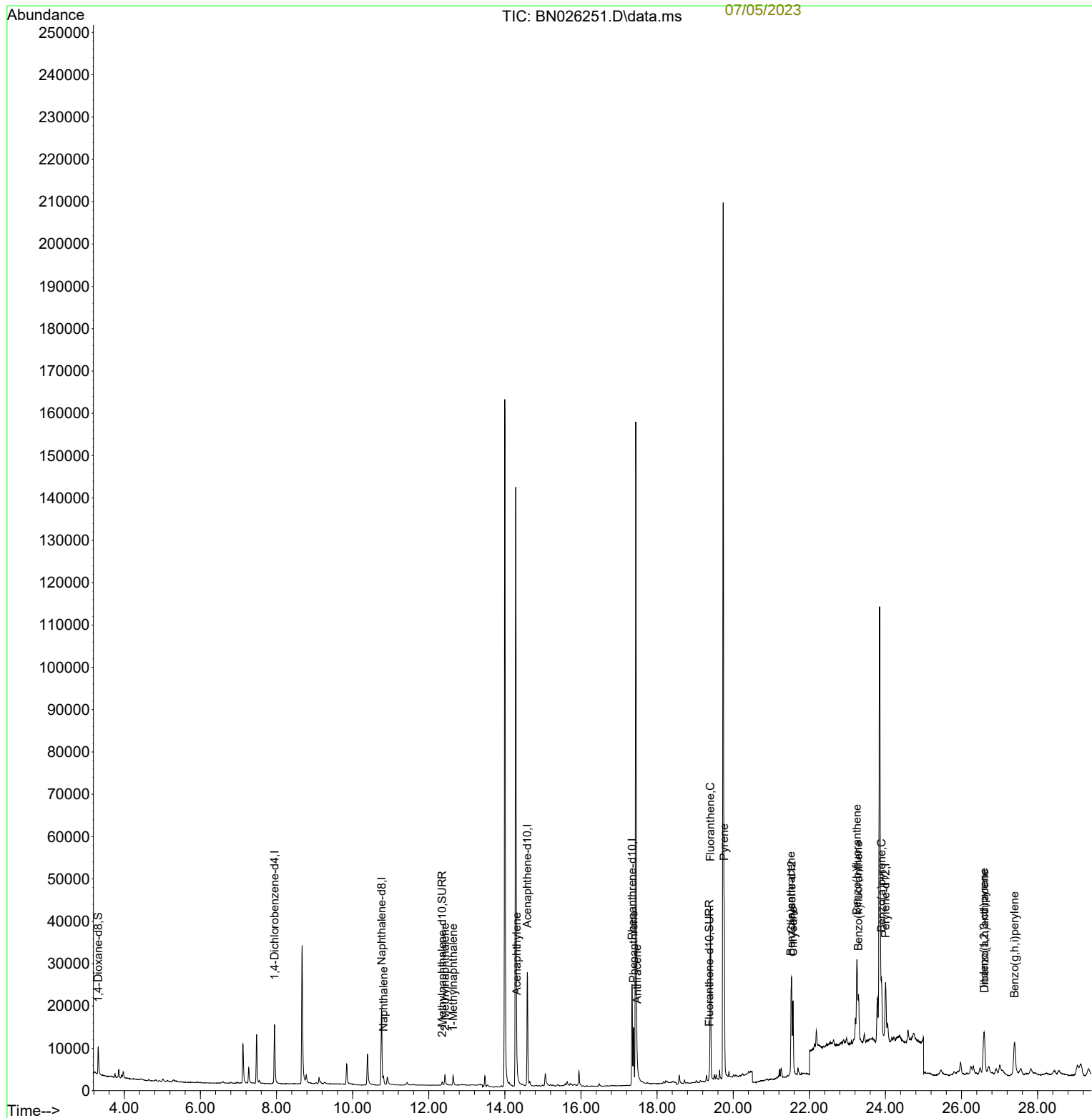
Instrument :
BNA_N
ClientSampleId :
DCGG9DL

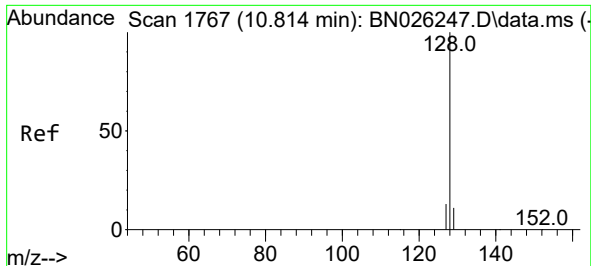
Quant Time: Jul 04 09:10:32 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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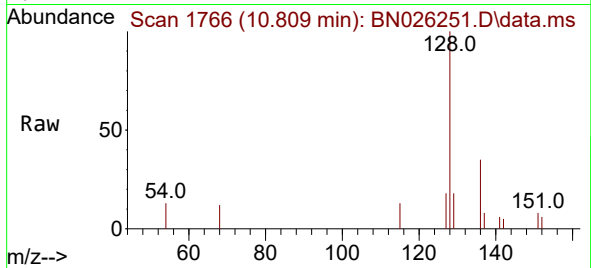
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ahmed
07/05/2023





#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN026251.D
Acq: 04 Jul 2023 07:39

Instrument :
BNA_N
ClientSampleId :
DCGG9DL

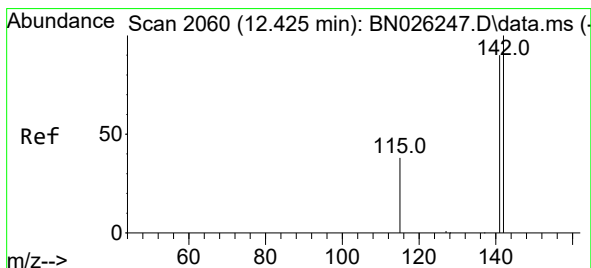
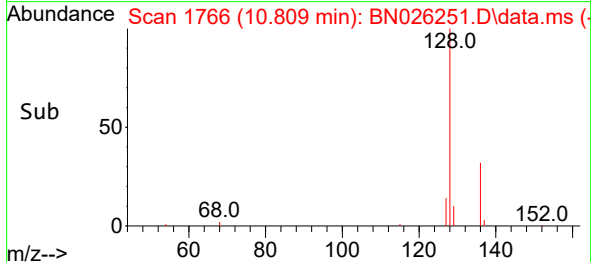
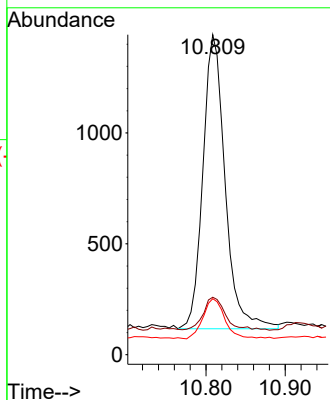


Tgt Ion:128 Resp: 2589
Ion Ratio Lower Upper
128 100
129 17.9 9.1 13.7
127 17.5 10.7 16.1

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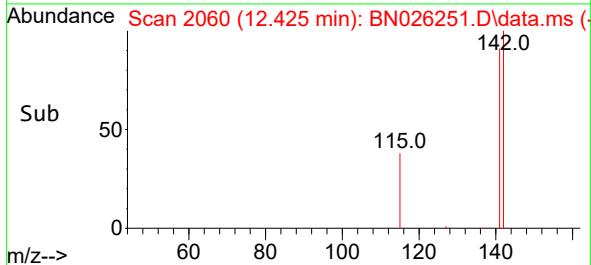
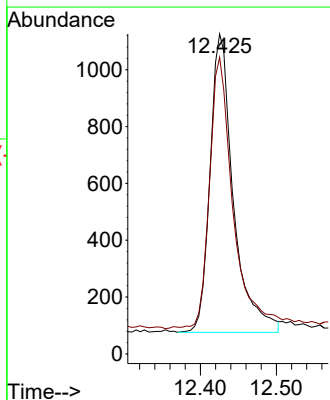
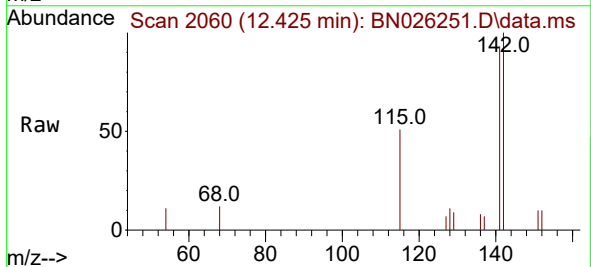
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

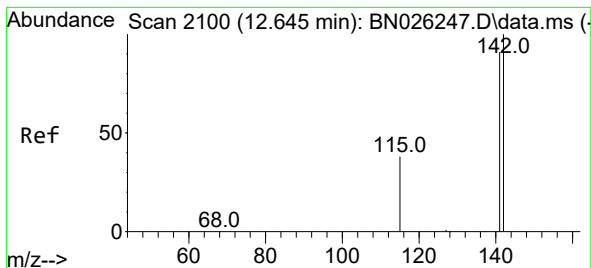
Supervised By :mohammad
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#7
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BN026251.D
Acq: 04 Jul 2023 07:39

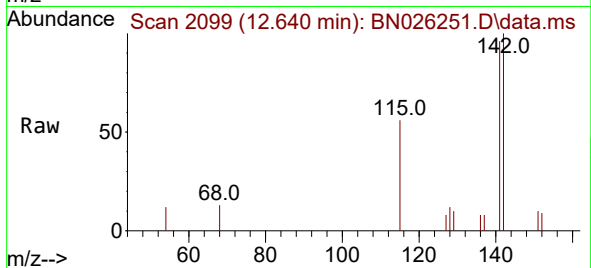
Tgt Ion:142 Resp: 2239
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BN026251.D
Acq: 04 Jul 2023 07:39

Instrument :
BNA_N
ClientSampleId :
DCGG9DL

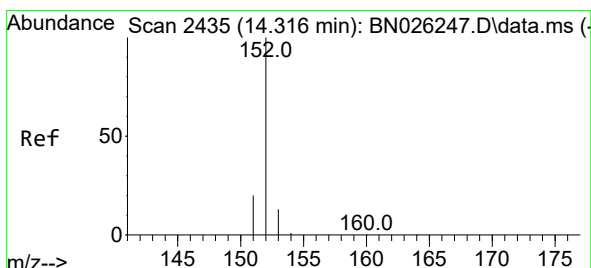
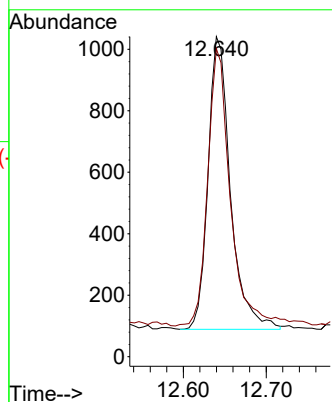


Tgt Ion:142 Resp: 1792
Ion Ratio Lower Upper
142 100
141 95.0 74.2 111.4

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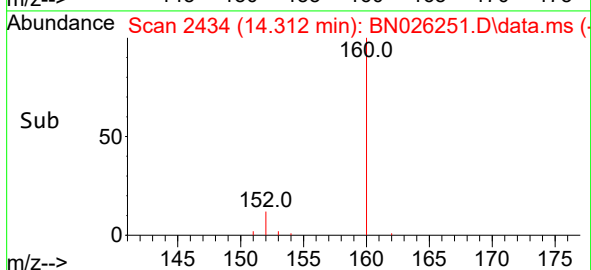
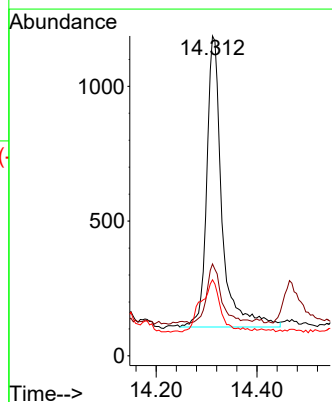
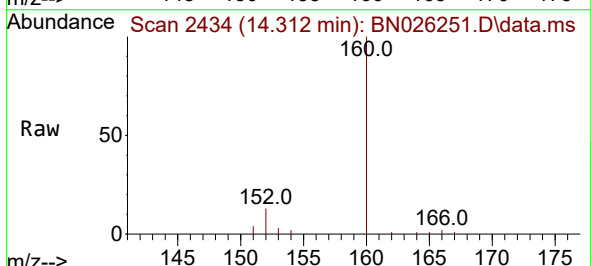
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Supervised By :mohammad ahmed 07/05/2023

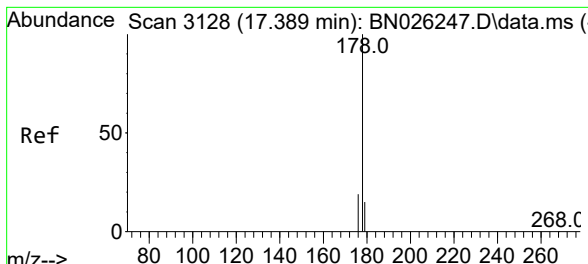
Supervised By :mohammad
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07/05/2023



#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 14.312 min Scan# 2434
Delta R.T. -0.008 min
Lab File: BN026251.D
Acq: 04 Jul 2023 07:39

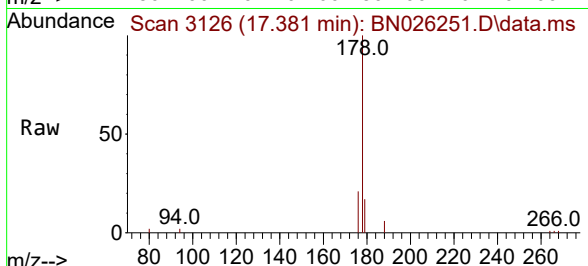
Tgt Ion:152 Resp: 2267
Ion Ratio Lower Upper
152 100
151 28.7 16.2 24.4#
153 23.8 10.9 16.3#





#15
Phenanthrene
Concen: 0.155 ng/ul
RT: 17.381 min Scan# 3126
Delta R.T. -0.008 min
Lab File: BN026251.D
Acq: 04 Jul 2023 07:39

Instrument : BNA_N
ClientSampleId : DCGG9DL

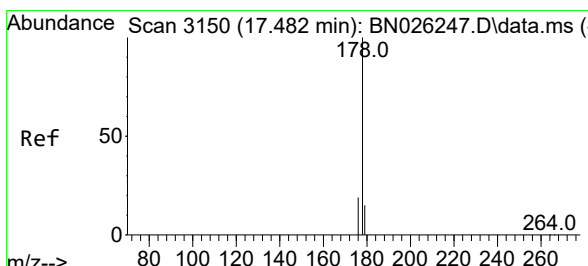
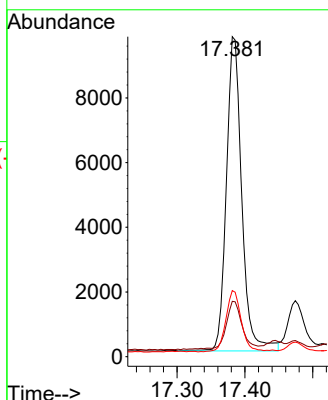
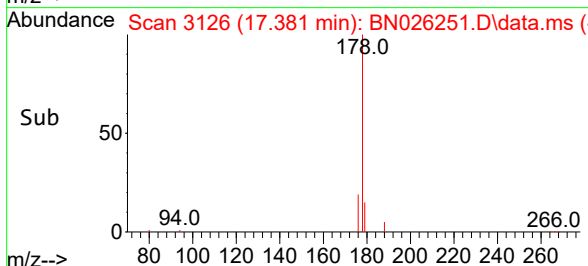


Tgt Ion:178 Resp: 15374
Ion Ratio Lower Upper
178 100
179 17.3 12.6 19.0
176 20.6 15.8 23.6

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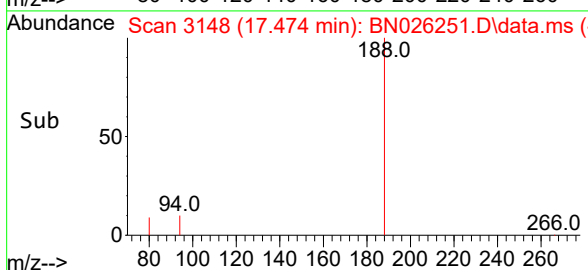
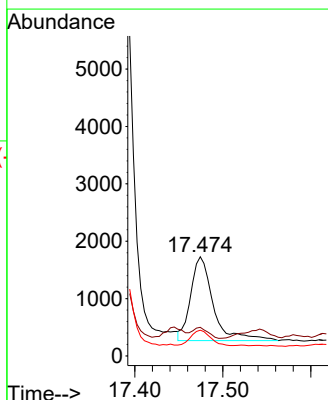
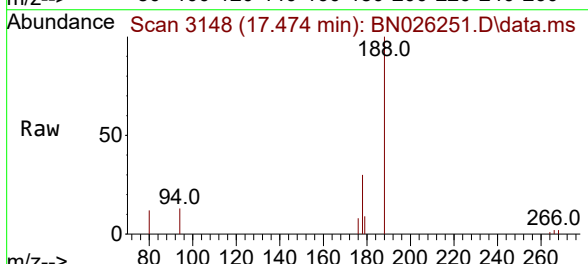
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

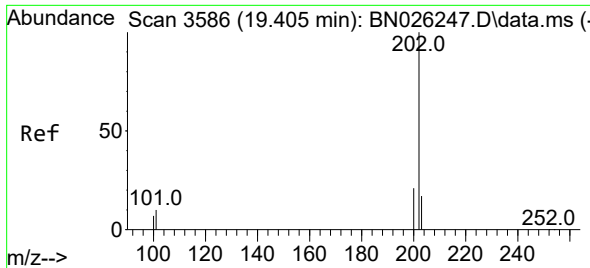
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#16
Anthracene
Concen: 0.030 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. -0.008 min
Lab File: BN026251.D
Acq: 04 Jul 2023 07:39

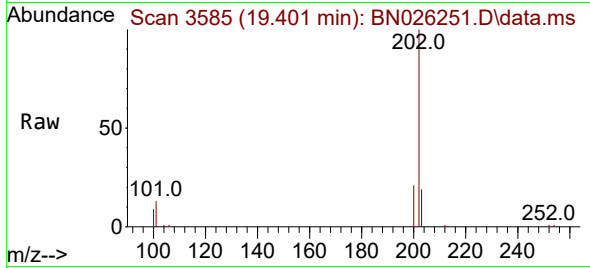
Tgt Ion:178 Resp: 2609
Ion Ratio Lower Upper
178 100
179 28.8 12.6 18.8#
176 26.0 15.1 22.7#





#19
Fluoranthene
Concen: 0.393 ng/ul
RT: 19.401 min Scan# 3585
Delta R.T. -0.004 min
Lab File: BN026251.D
Acq: 04 Jul 2023 07:39

Instrument :
BNA_N
ClientSampleId :
DCGG9DL

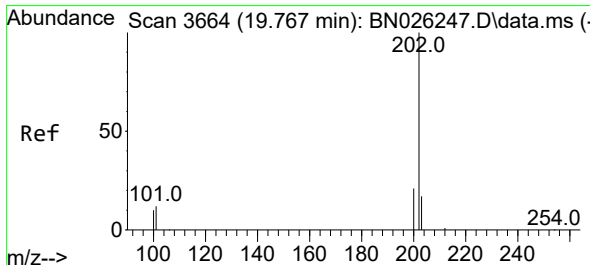
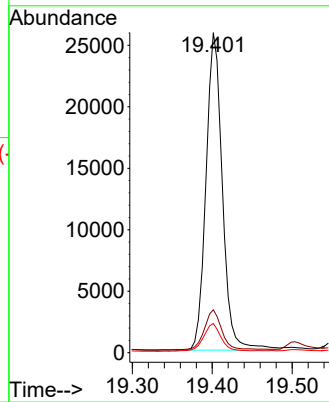
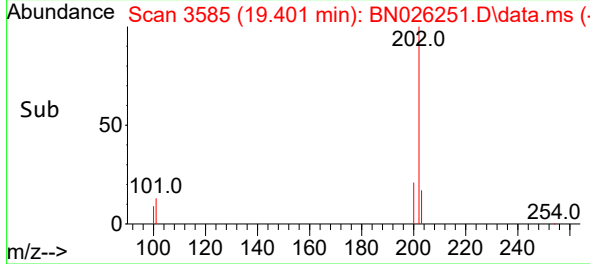


Tgt Ion:202 Resp: 3678
Ion Ratio Lower Upper
202 100
101 13.4 9.5 14.3
100 9.1 7.3 10.9

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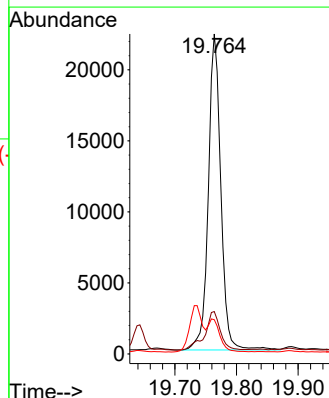
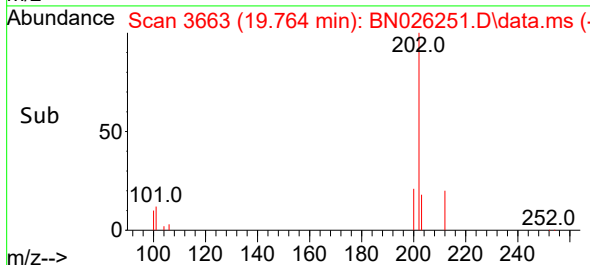
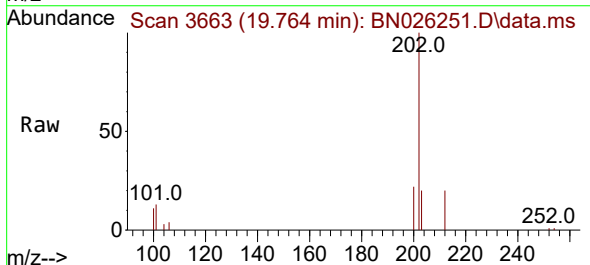
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

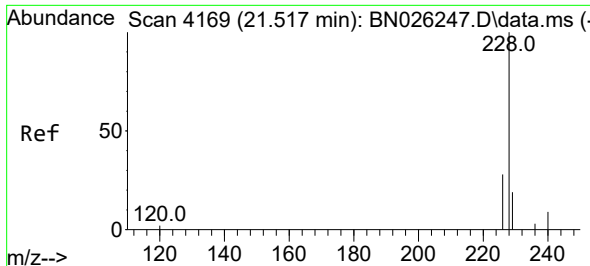
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#20
Pyrene
Concen: 0.321 ng/ul
RT: 19.764 min Scan# 3663
Delta R.T. -0.008 min
Lab File: BN026251.D
Acq: 04 Jul 2023 07:39

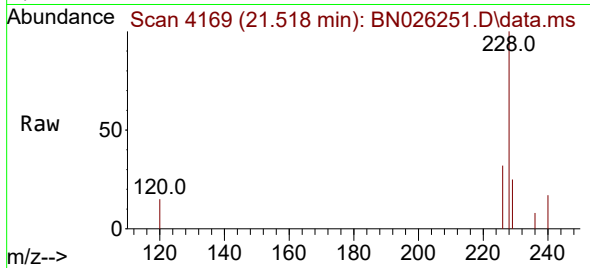
Tgt Ion:202 Resp: 31266
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.194 ng/ul
RT: 21.518 min Scan# 4169
Delta R.T. -0.005 min
Lab File: BN026251.D
Acq: 04 Jul 2023 07:39

Instrument :
BNA_N
ClientSampleId :
DCGG9DL

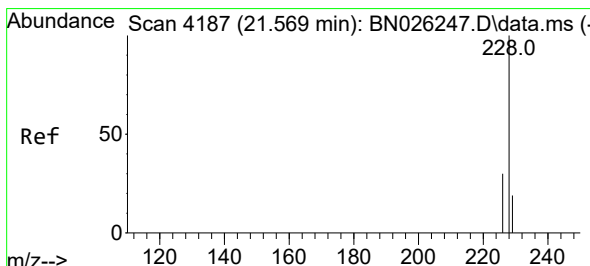
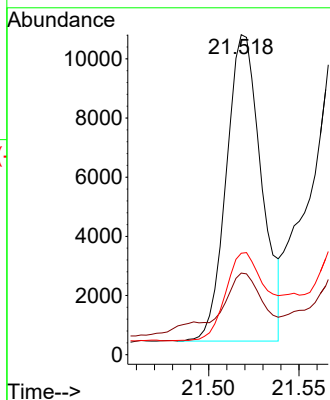
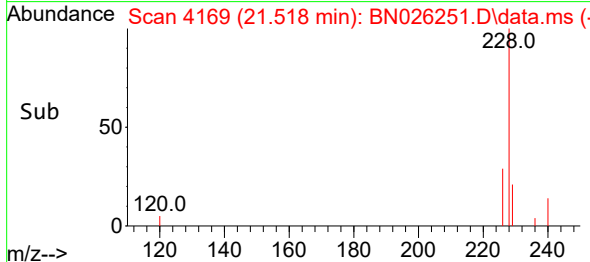


Tgt Ion:228 Resp: 14023
Ion Ratio Lower Upper
228 100
229 25.5 15.8 23.6
226 31.7 22.5 33.7

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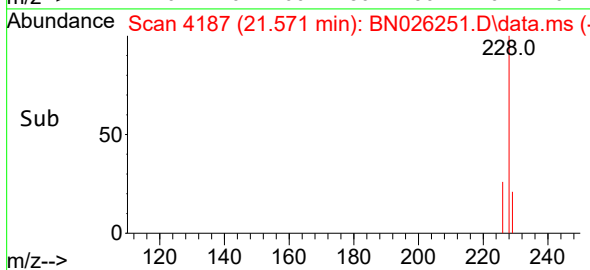
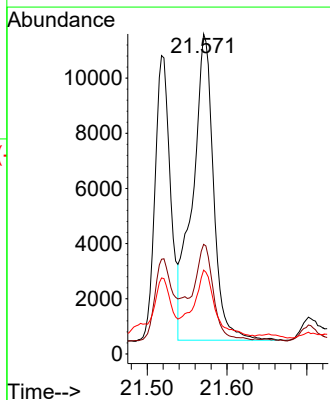
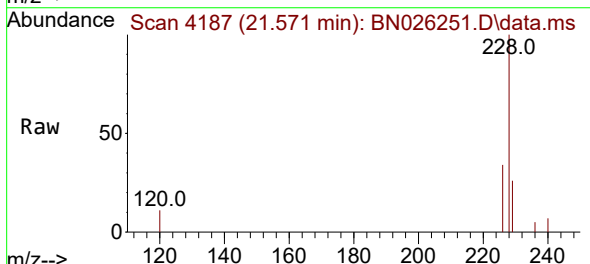
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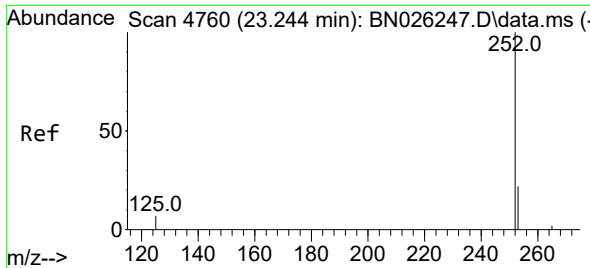
Supervised By :mohammad
ahmed
07/05/2023



#22
Chrysene
Concen: 0.270 ng/ul
RT: 21.571 min Scan# 4187
Delta R.T. -0.008 min
Lab File: BN026251.D
Acq: 04 Jul 2023 07:39

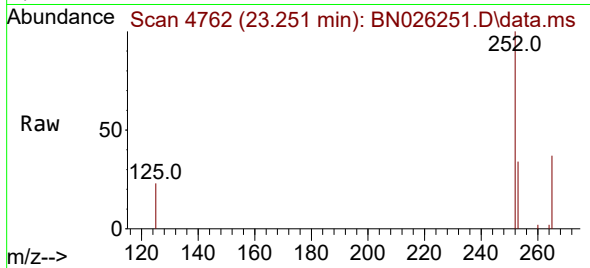
Tgt Ion:228 Resp: 20296
Ion Ratio Lower Upper
228 100
226 34.2 24.8 37.2
229 26.2 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.396 ng/ul m
RT: 23.251 min Scan# 4762
Delta R.T. -0.002 min
Lab File: BN026251.D
Acq: 04 Jul 2023 07:39

Instrument :
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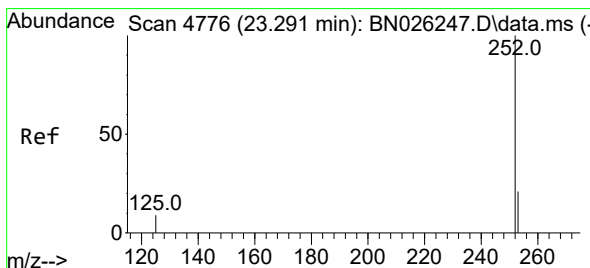
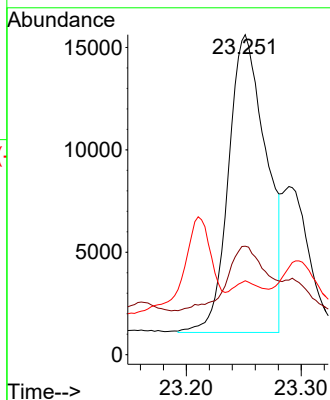
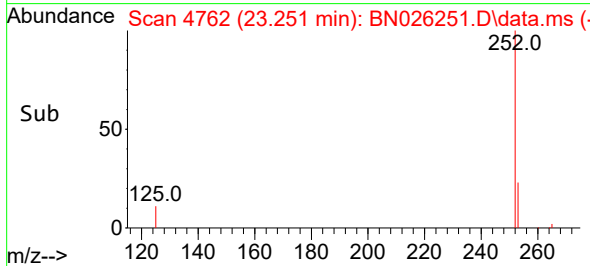


Tgt Ion:252 Resp: 33064
Ion Ratio Lower Upper
252 100
253 33.9 0.0 55.6
125 23.1 0.0 35.8

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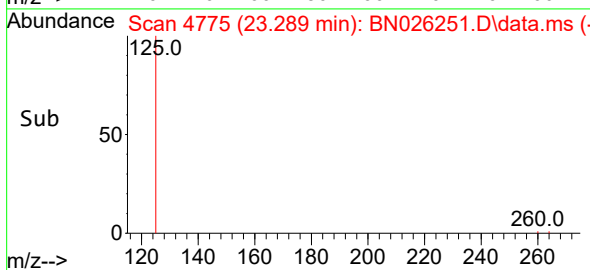
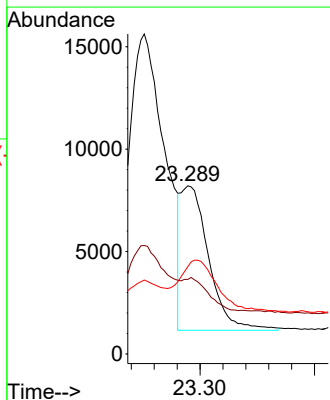
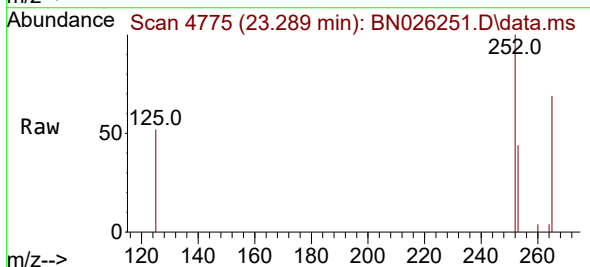
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

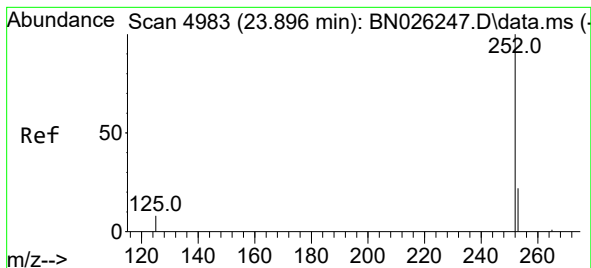
Supervised By :mohammad
ahmed
07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.143 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.014 min
Lab File: BN026251.D
Acq: 04 Jul 2023 07:39

Tgt Ion:252 Resp: 11962
Ion Ratio Lower Upper
252 100
253 44.3 23.2 34.8#
125 51.9 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.265 ng/ul

RT: 23.894 min Scan# 4983

Delta R.T. 0.001 min

Lab File: BN026251.D

Acq: 04 Jul 2023 07:39

Instrument :

BNA_N

ClientSampleId :

DCGG9DL

Tgt Ion:	252	Resp:	1920
Ion Ratio	Lower	Upper	
252	100		
253	38.6	26.0	39.0
125	28.5	17.3	25.9

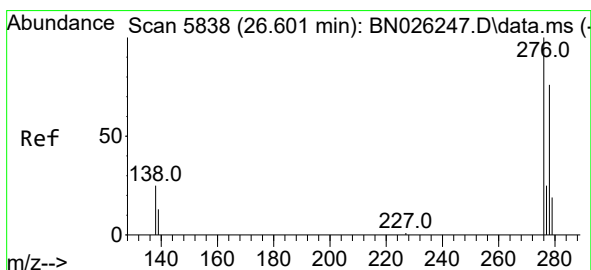
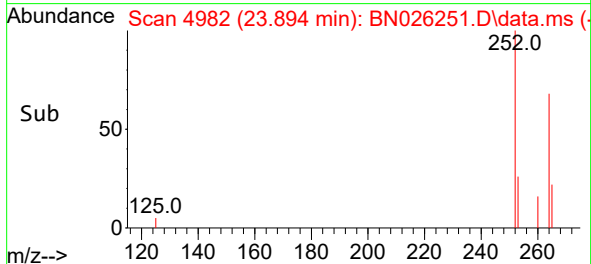
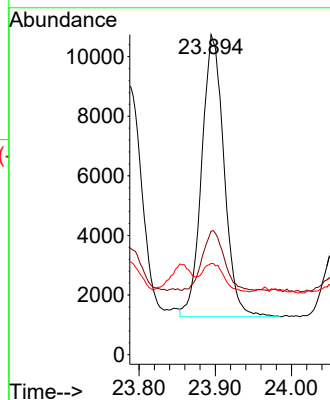
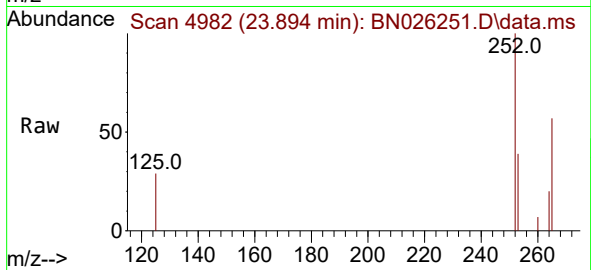
Manual Integrations

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ahmed
07/05/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.245 ng/ul

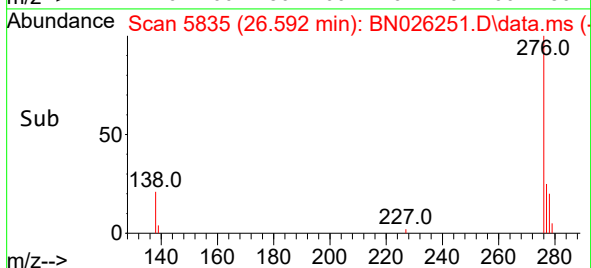
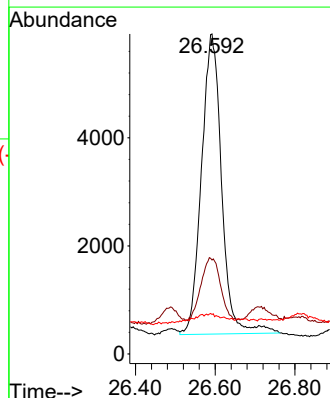
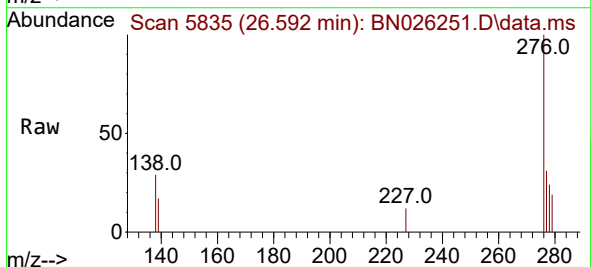
RT: 26.592 min Scan# 5835

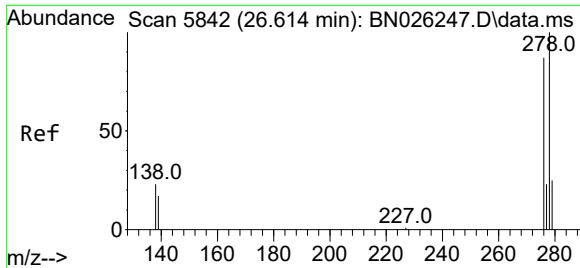
Delta R.T. 0.004 min

Lab File: BN026251.D

Acq: 04 Jul 2023 07:39

Tgt Ion:	276	Resp:	19433
Ion Ratio	Lower	Upper	
276	100		
138	20.9	24.5	36.7#
227	4.6	0.0	0.0#





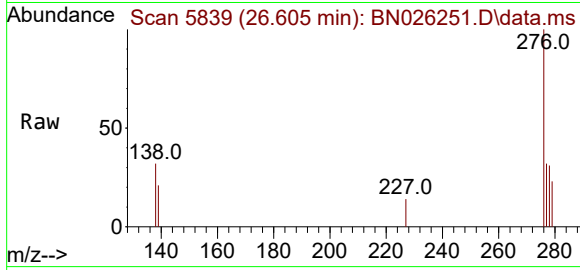
#28
 Dibenzo(a,h)anthracene
 Concen: 0.076 ng/ul
 RT: 26.605 min Scan# 5839
 Delta R.T. -0.003 min
 Lab File: BN026251.D
 Acq: 04 Jul 2023 07:39

Instrument :

BNA_N

ClientSampleId :

DCGG9DL



Tgt Ion:278 Resp: 454
 Ion Ratio Lower Upper
 278 100
 139 67.4 19.0 28.4
 279 75.1 26.7 40.1

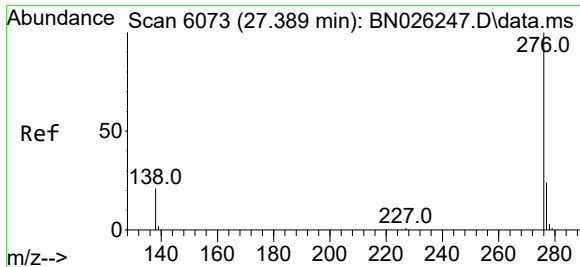
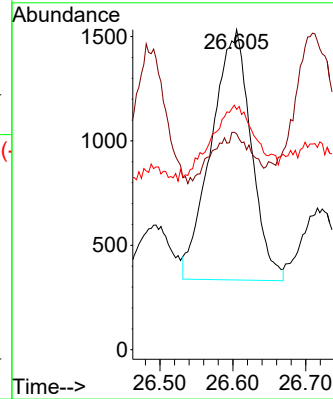
Manual Integrations

APPROVED

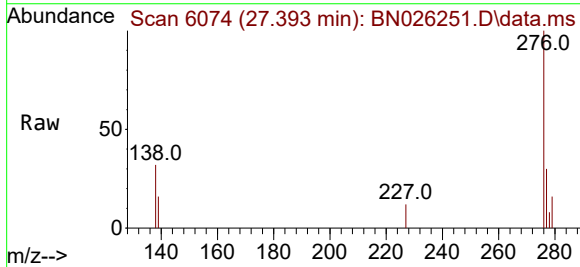
Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023

Supervised By :mohammad
 ahmed
 07/05/2023



#29
 Benzo(g,h,i)perylene
 Concen: 0.252 ng/ul
 RT: 27.393 min Scan# 6074
 Delta R.T. 0.008 min
 Lab File: BN026251.D
 Acq: 04 Jul 2023 07:39



Tgt Ion:276 Resp: 17759
 Ion Ratio Lower Upper
 276 100
 138 32.0 23.4 35.0
 277 30.4 20.0 30.0

