

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026252.D
 Acq On : 04 Jul 2023 08:15
 Operator : MA/JU
 Sample : 03245-13DL 5X
 Misc :
 ALS Vial : 109 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGH1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 08:46:39 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	9486	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	30091	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	17157	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	32658	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	18450	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	20092	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5882	0.551	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	1734	0.037	ng/ul	-0.01
18) Fluoranthene-d10	19.368	212	2967	0.042	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	13783	0.160	ng/ul	98
7) 2-Methylnaphthalene	12.420	142	9448	0.172	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	6437	0.113	ng/ul	99
10) Acenaphthylene	14.311	152	13736	0.171	ng/ul	96
11) Acenaphthene	14.653	153	3984	0.061	ng/ul	98
12) Fluorene	15.639	166	3961	0.053	ng/ul#	92
15) Phenanthrene	17.385	178	112400	1.042	ng/ul	100
16) Anthracene	17.473	178	20055	0.209	ng/ul	98
19) Fluoranthene	19.400	202	275875	2.799	ng/ul	97
20) Pyrene	19.763	202	227594	2.220	ng/ul	96
21) Benzo(a)anthracene	21.514	228	114662	1.506	ng/ul	97
22) Chrysene	21.570	228	130007	1.642	ng/ul	96
24) Benzo(b)fluoranthene	23.247	252	187167m	2.183	ng/ul	
25) Benzo(k)fluoranthene	23.291	252	64410m	0.748	ng/ul	
26) Benzo(a)pyrene	23.885	252	113973	1.530	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.584	276	85009	1.045	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.594	278	21614	0.351	ng/ul#	88
29) Benzo(g,h,i)perylene	27.366	276	79620	1.100	ng/ul	95

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

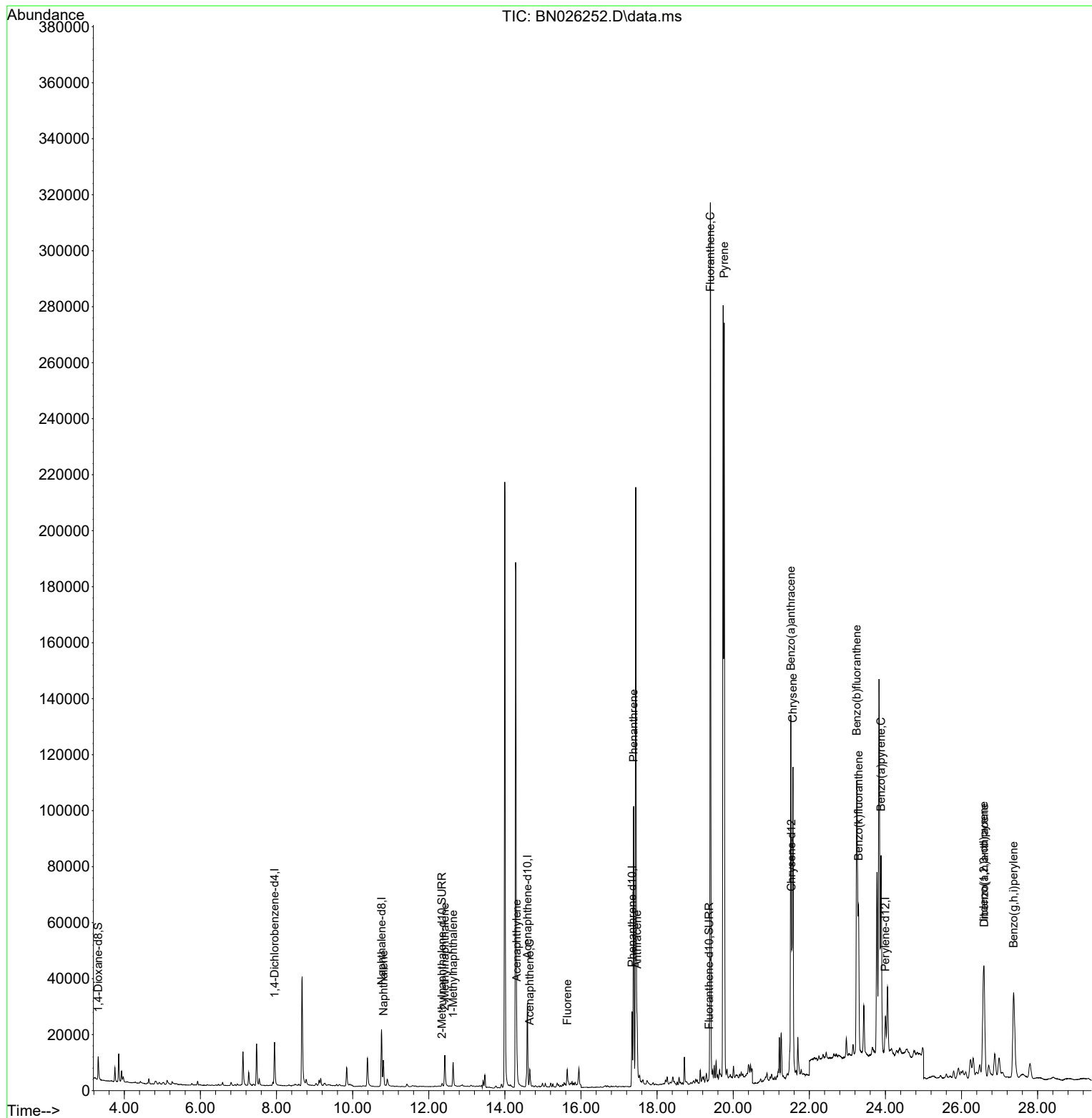
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026252.D
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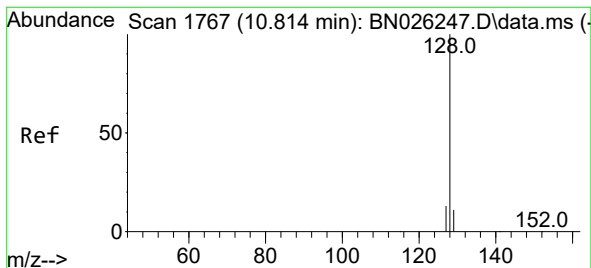
Instrument :
BNA_N
ClientSampleId :
DCGH1DL

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#5

Naphthalene

Concen: 0.160 ng/ul

RT: 10.809 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BN026252.D

Acq: 04 Jul 2023 08:15

Instrument :

BNA_N

ClientSampleId :

DCGH1DL

Tgt Ion:128 Resp: 1378

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

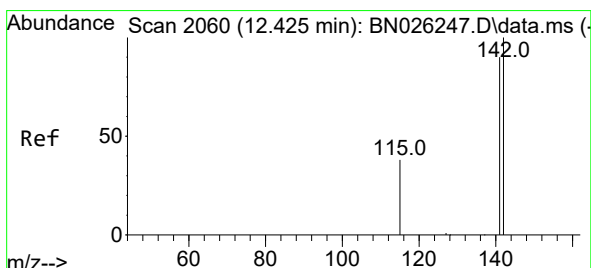
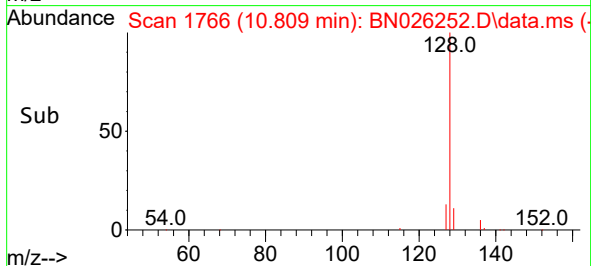
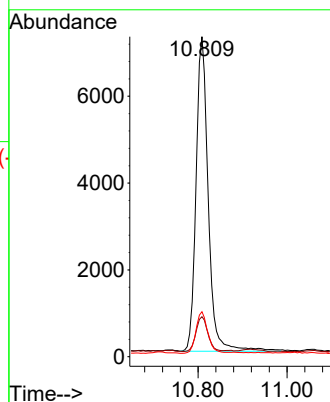
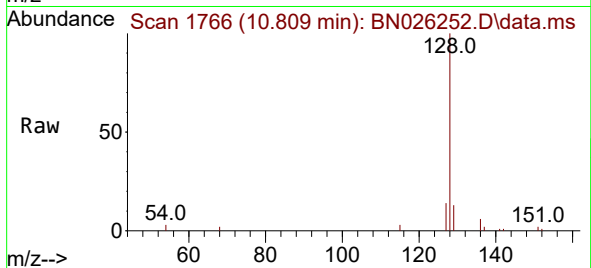
127 14.1 10.7 16.1

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#7

2-Methylnaphthalene

Concen: 0.172 ng/ul

RT: 12.420 min Scan# 2059

Delta R.T. -0.011 min

Lab File: BN026252.D

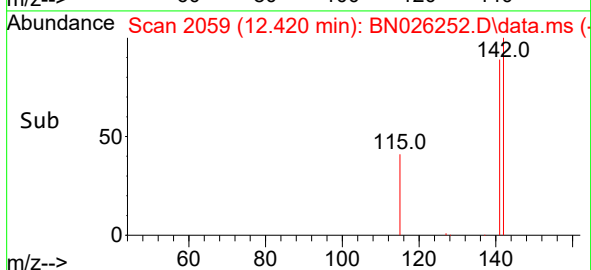
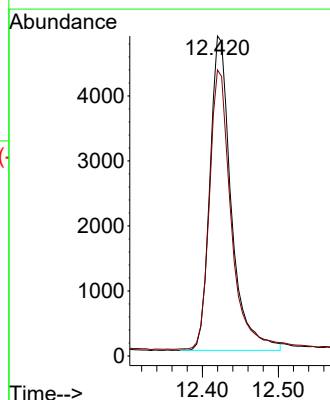
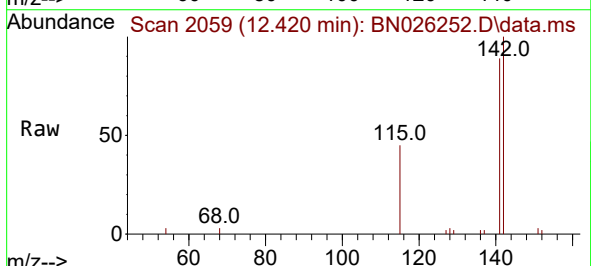
Acq: 04 Jul 2023 08:15

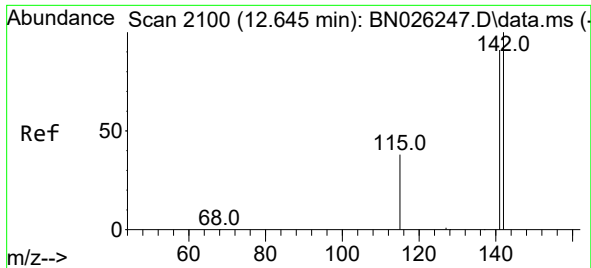
Tgt Ion:142 Resp: 9448

Ion Ratio Lower Upper

142 100

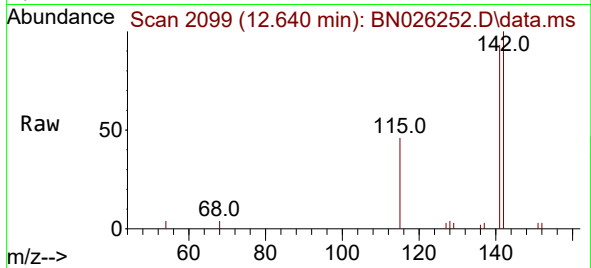
141 90.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BN026252.D
Acq: 04 Jul 2023 08:15

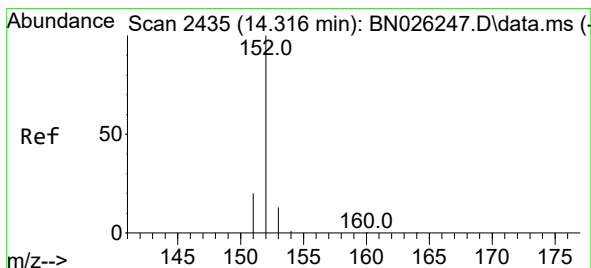
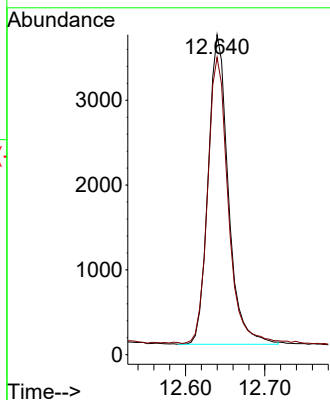
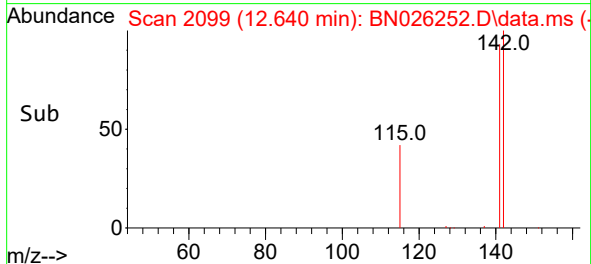
Instrument :
BNA_N
ClientSampleId :
DCGH1DL



Tgt Ion:142 Resp: 643
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.4

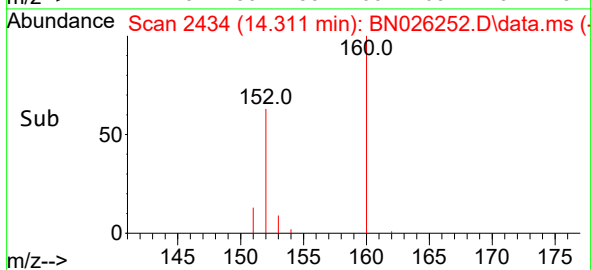
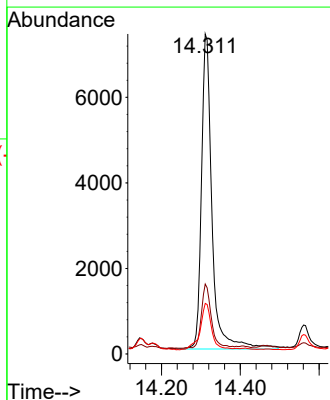
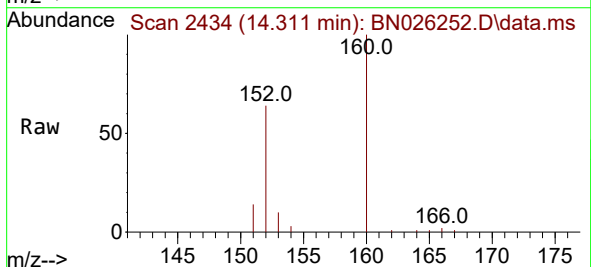
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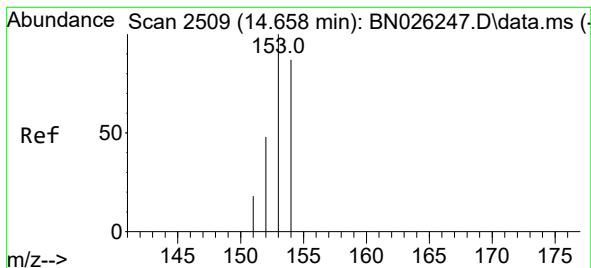
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.171 ng/ul
RT: 14.311 min Scan# 2434
Delta R.T. -0.009 min
Lab File: BN026252.D
Acq: 04 Jul 2023 08:15

Tgt Ion:152 Resp: 13736
Ion Ratio Lower Upper
152 100
151 21.8 16.2 24.4
153 15.8 10.9 16.3





#11

Acenaphthene

Concen: 0.061 ng/ul

RT: 14.653 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN026252.D

Acq: 04 Jul 2023 08:15

Instrument :

BNA_N

ClientSampleId :

DCGH1DL

Tgt Ion:153 Resp: 3984

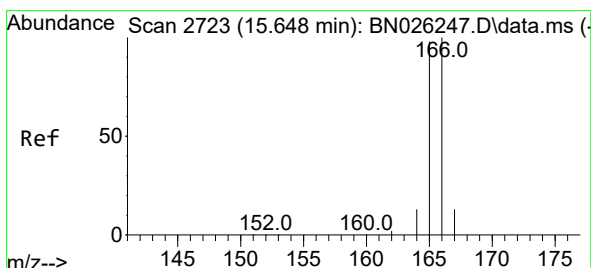
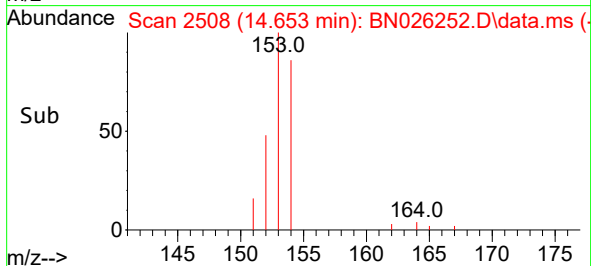
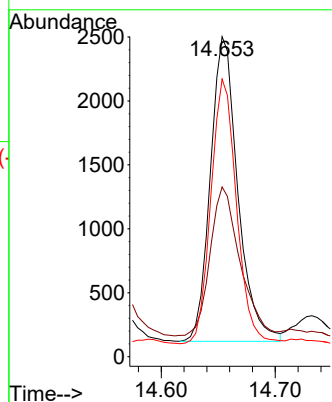
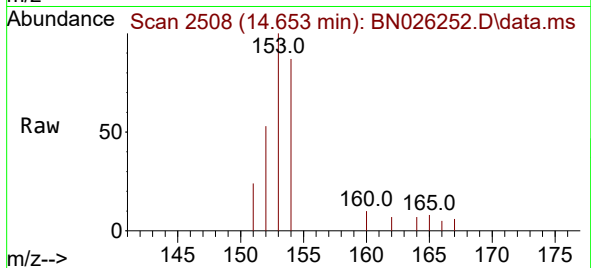
Ion	Ratio	Lower	Upper
153	100		
152	53.1	39.4	59.0
154	86.7	68.9	103.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#12

Fluorene

Concen: 0.053 ng/ul

RT: 15.639 min Scan# 2721

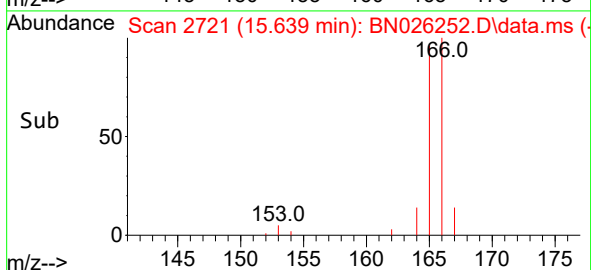
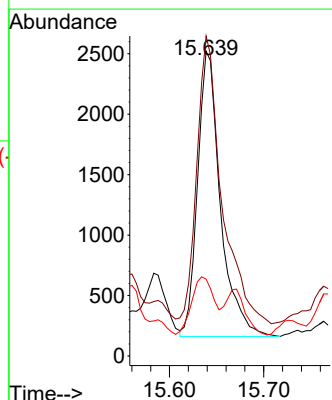
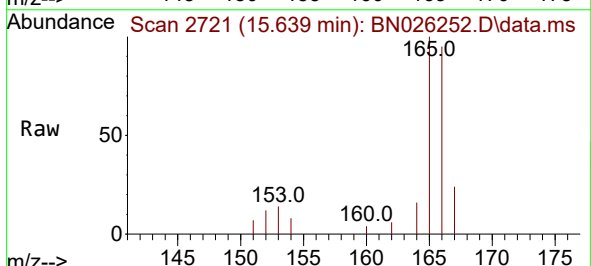
Delta R.T. -0.009 min

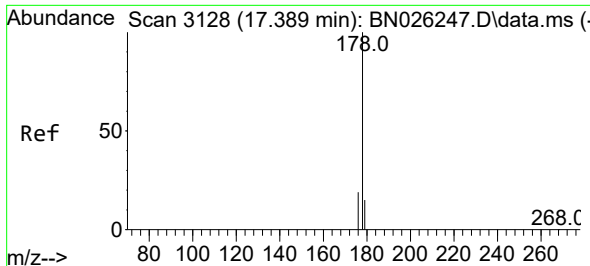
Lab File: BN026252.D

Acq: 04 Jul 2023 08:15

Tgt Ion:166 Resp: 3961

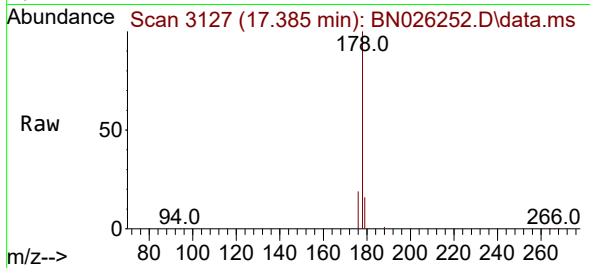
Ion	Ratio	Lower	Upper
166	100		
165	105.0	79.9	119.9
167	25.2	10.8	16.2





#15
Phenanthrene
Concen: 1.042 ng/u1
RT: 17.385 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BN026252.D
Acq: 04 Jul 2023 08:15

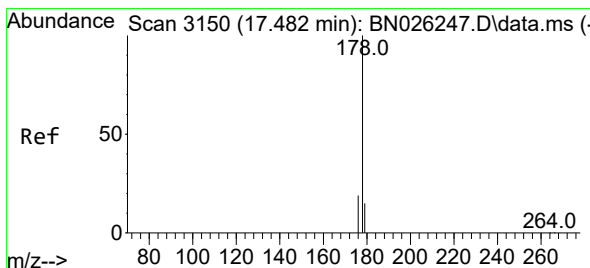
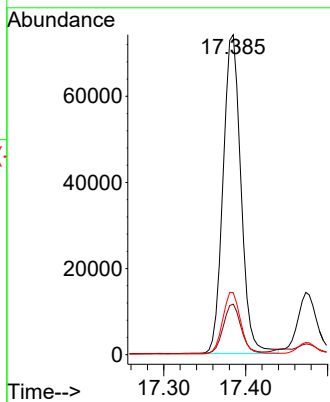
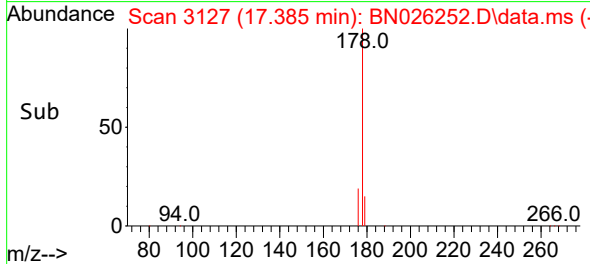
Instrument :
BNA_N
ClientSampleId :
DCGH1DL



Tgt Ion:178 Resp: 112400
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.4 15.8 23.6

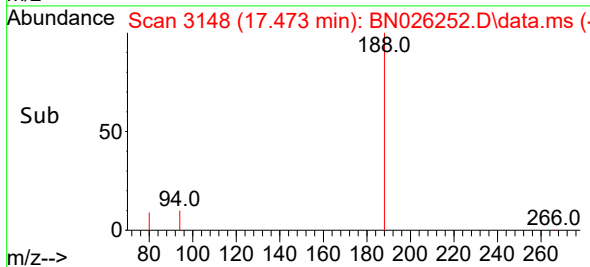
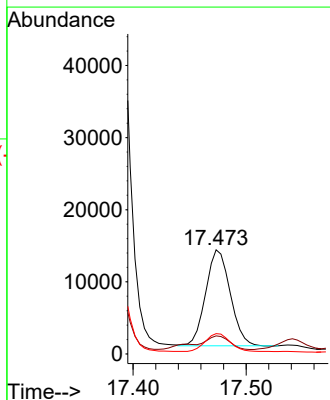
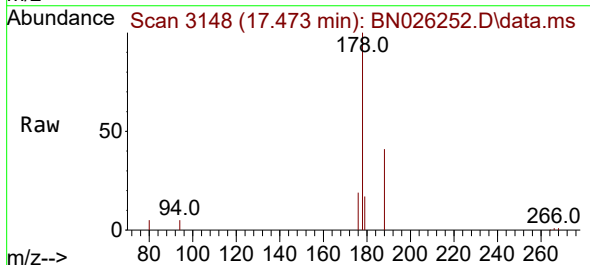
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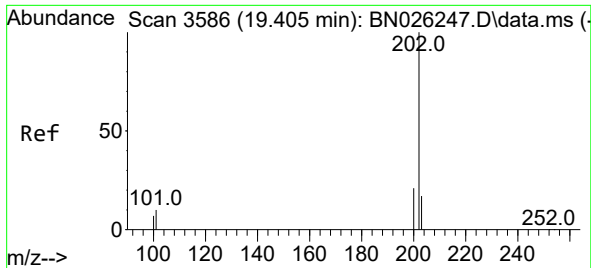
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.209 ng/u1
RT: 17.473 min Scan# 3148
Delta R.T. -0.009 min
Lab File: BN026252.D
Acq: 04 Jul 2023 08:15

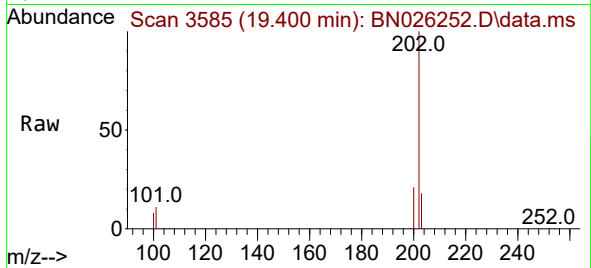
Tgt Ion:178 Resp: 20055
Ion Ratio Lower Upper
178 100
179 17.4 12.6 18.8
176 19.5 15.1 22.7





#19
Fluoranthene
Concen: 2.799 ng/ul
RT: 19.400 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026252.D
Acq: 04 Jul 2023 08:15

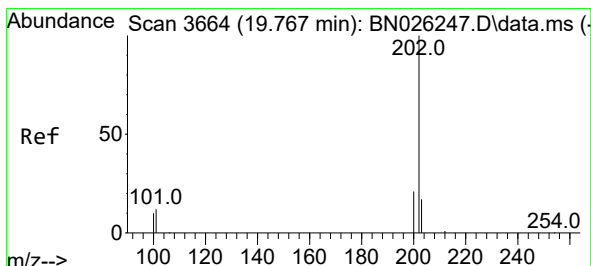
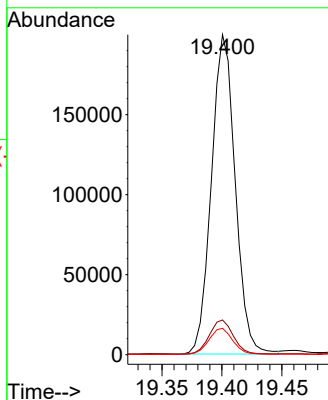
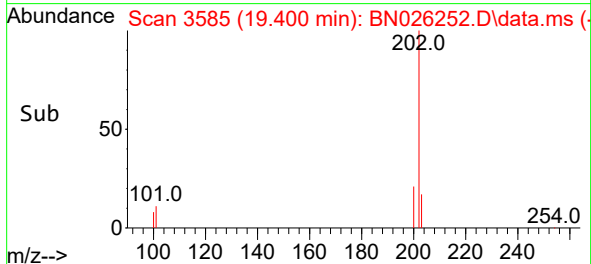
Instrument :
BNA_N
ClientSampleId :
DCGH1DL



Tgt Ion:202 Resp: 275875
Ion Ratio Lower Upper
202 100
101 10.9 9.5 14.3
100 8.2 7.3 10.9

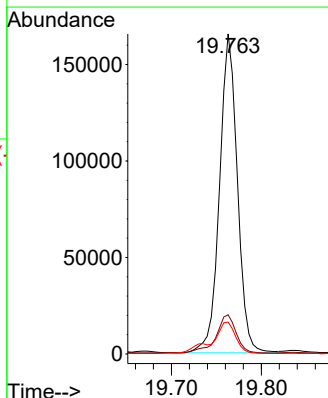
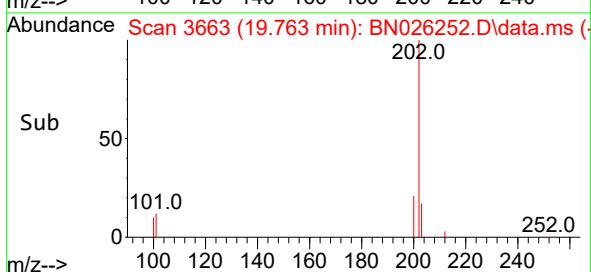
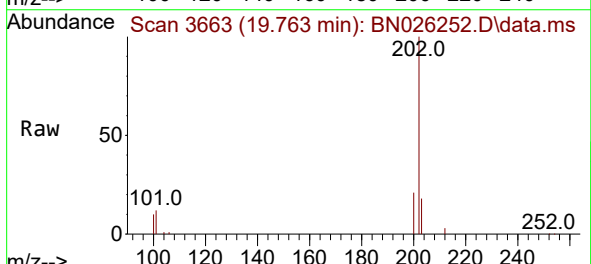
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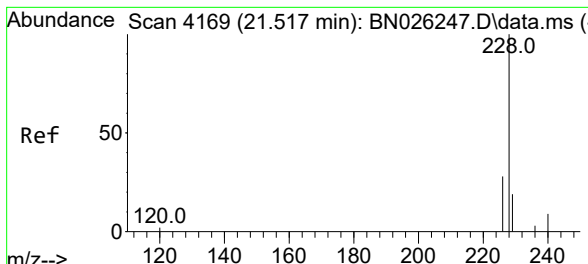
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#20
Pyrene
Concen: 2.220 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BN026252.D
Acq: 04 Jul 2023 08:15

Tgt Ion:202 Resp: 227594
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 9.9 9.1 13.7





#21
 Benzo(a)anthracene
 Concen: 1.506 ng/ul
 RT: 21.514 min Scan# 4169
 Delta R.T. -0.009 min
 Lab File: BN026252.D
 Acq: 04 Jul 2023 08:15

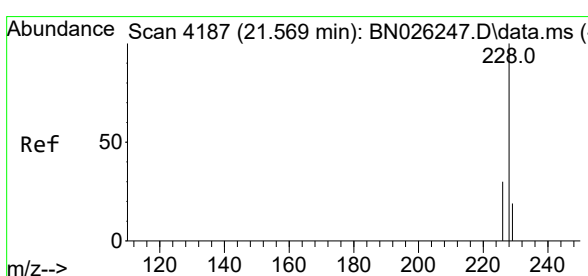
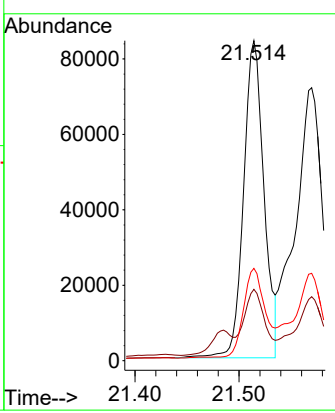
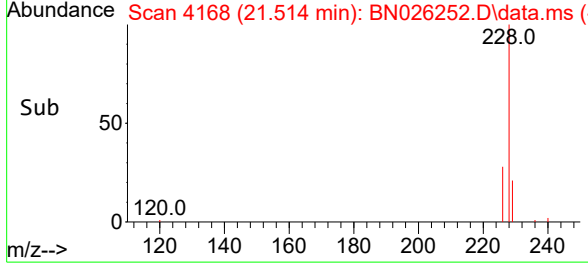
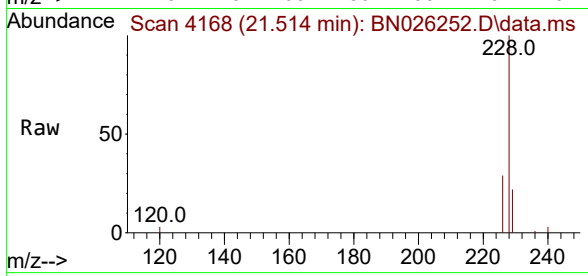
Instrument :
 BNA_N
 ClientSampleId :
 DCGH1DL

Tgt Ion:228 Resp: 114662

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.8	23.6
226	28.9	22.5	33.7

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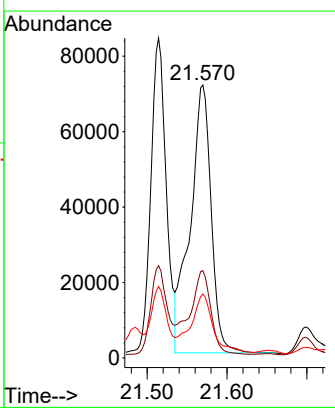
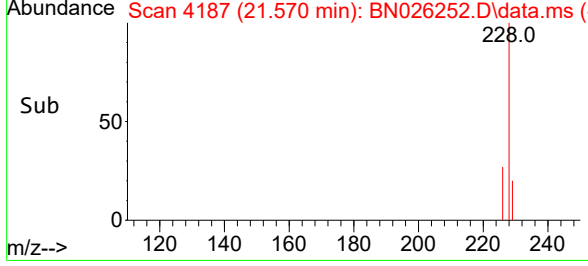
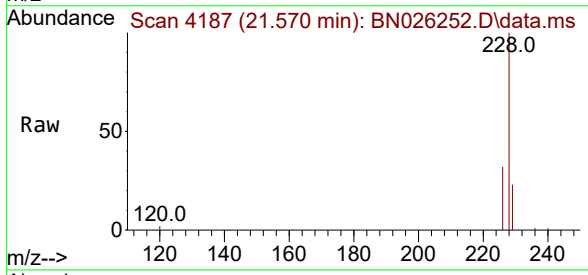
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

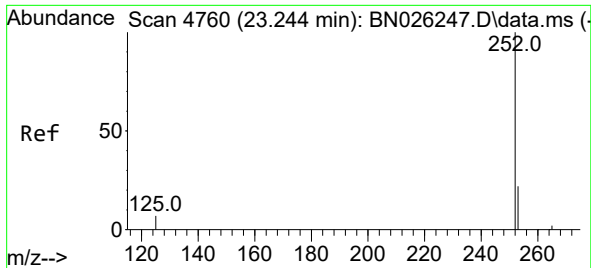


#22
 Chrysene
 Concen: 1.642 ng/ul
 RT: 21.570 min Scan# 4187
 Delta R.T. -0.009 min
 Lab File: BN026252.D
 Acq: 04 Jul 2023 08:15

Tgt Ion:228 Resp: 130007

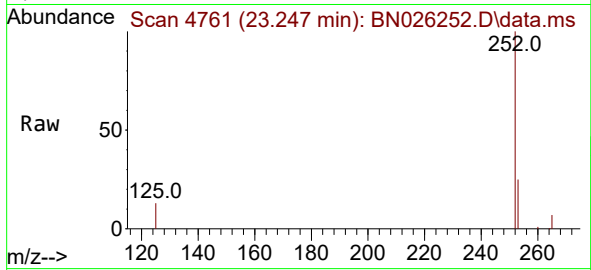
Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.8	37.2
229	23.4	15.7	23.5





#24
Benzo(b)fluoranthene
Concen: 2.183 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BN026252.D
Acq: 04 Jul 2023 08:15

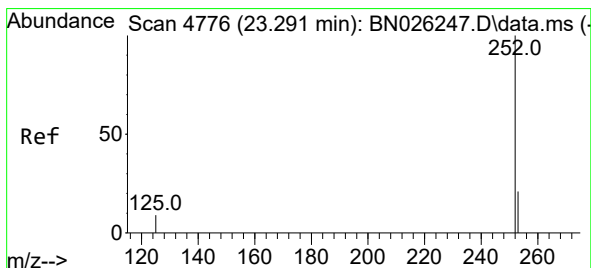
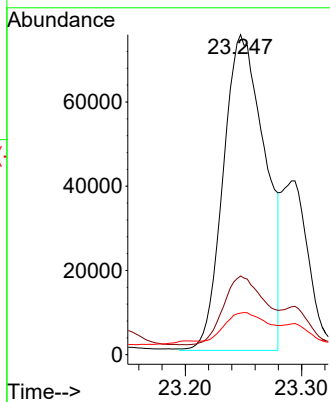
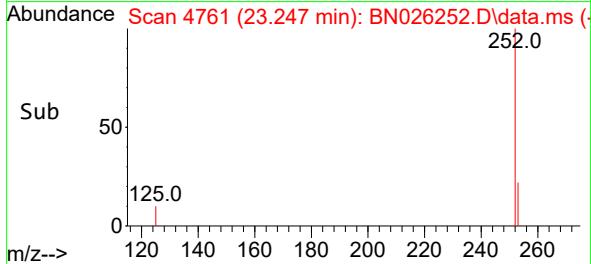
Instrument :
BNA_N
ClientSampleId :
DCGH1DL



Tgt Ion:252 Resp: 18716
Ion Ratio Lower Upper
252 100
253 24.6 0.0 55.6
125 13.0 0.0 35.8

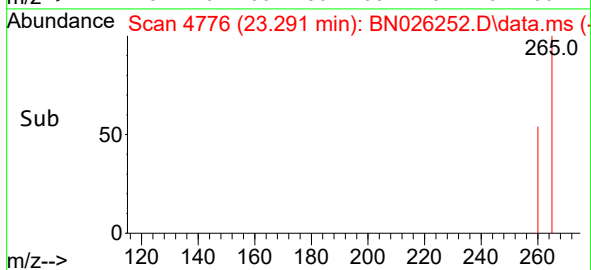
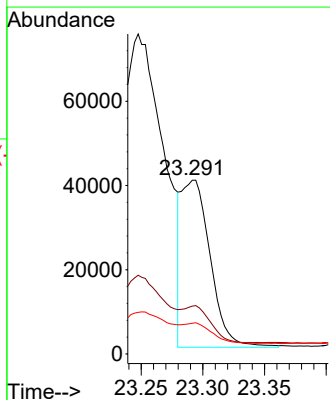
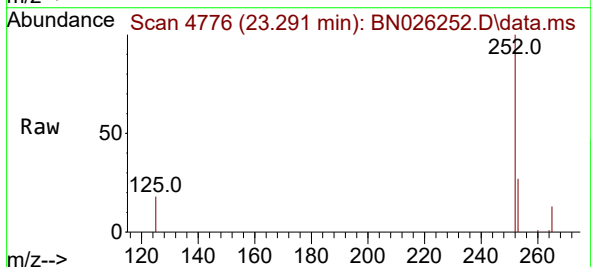
Manual Integrations
APPROVED

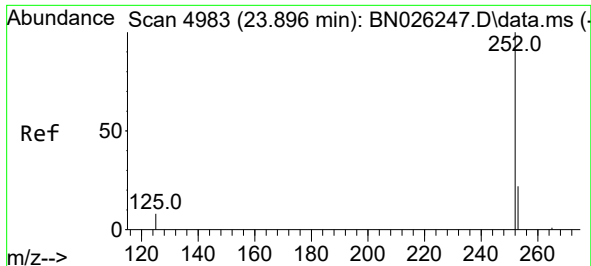
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.748 ng/ul m
RT: 23.291 min Scan# 4776
Delta R.T. -0.012 min
Lab File: BN026252.D
Acq: 04 Jul 2023 08:15

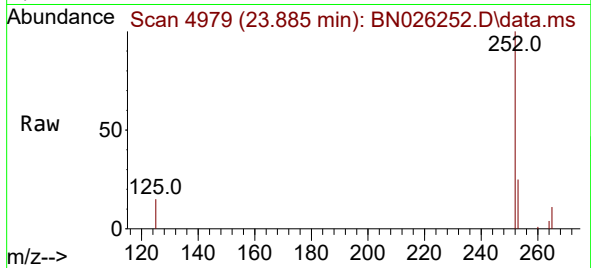
Tgt Ion:252 Resp: 64410
Ion Ratio Lower Upper
252 100
253 27.5 23.2 34.8
125 17.7 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.530 ng/ul
RT: 23.885 min Scan# 4983
Delta R.T. -0.009 min
Lab File: BN026252.D
Acq: 04 Jul 2023 08:15

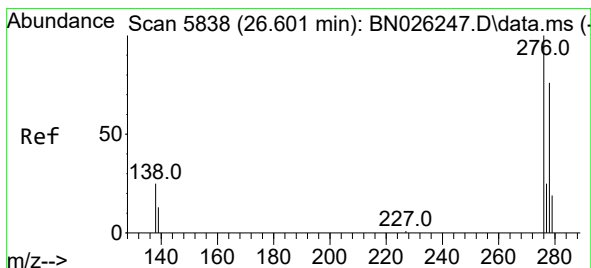
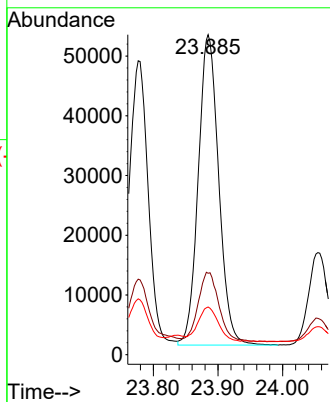
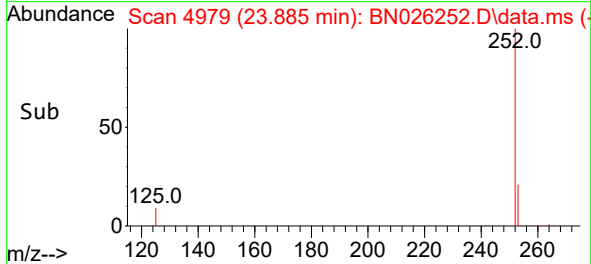
Instrument :
BNA_N
ClientSampleId :
DCGH1DL



Tgt Ion:252 Resp: 11397
Ion Ratio Lower Upper
252 100
253 25.5 26.0 39.0
125 14.9 17.3 25.9

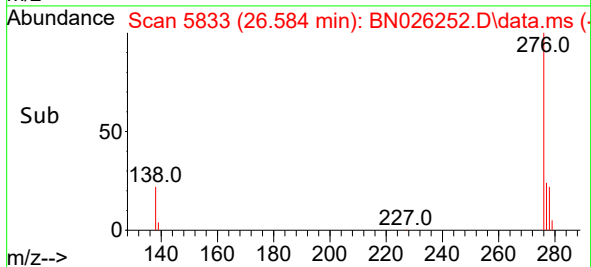
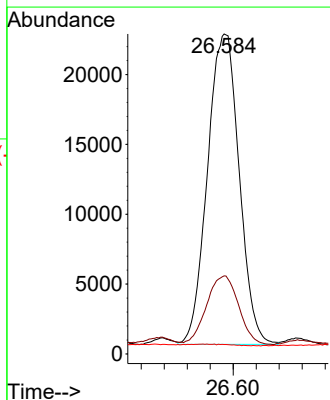
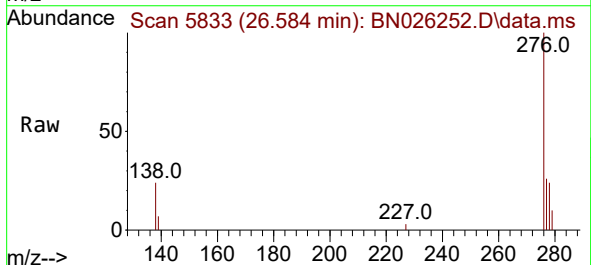
Manual Integrations
APPROVED

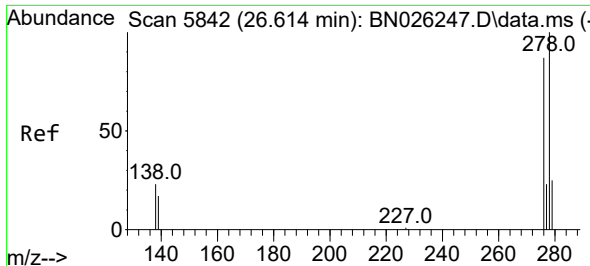
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.045 ng/ul
RT: 26.584 min Scan# 5833
Delta R.T. -0.003 min
Lab File: BN026252.D
Acq: 04 Jul 2023 08:15

Tgt Ion:276 Resp: 85009
Ion Ratio Lower Upper
276 100
138 22.3 24.5 36.7
227 0.0 0.0 0.0





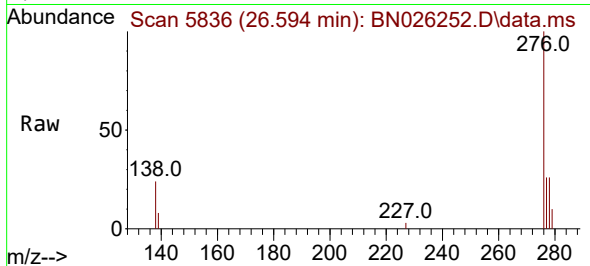
#28
Dibenzo(a,h)anthracene
Concen: 0.351 ng/ul
RT: 26.594 min Scan# 5836
Delta R.T. -0.013 min
Lab File: BN026252.D
Acq: 04 Jul 2023 08:15

Instrument :

BNA_N

ClientSampleId :

DCGH1DL



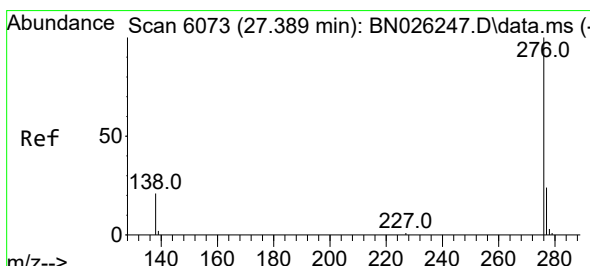
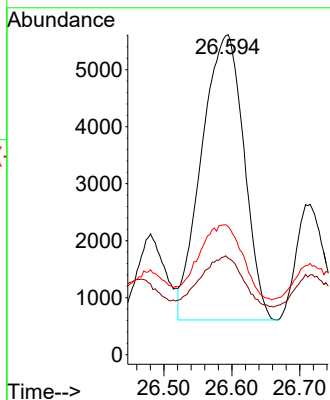
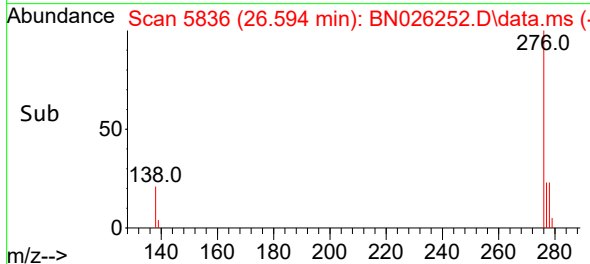
Tgt Ion:278 Resp: 21614
Ion Ratio Lower Upper
278 100
139 30.2 19.0 28.4
279 40.1 26.7 40.1

Manual Integrations

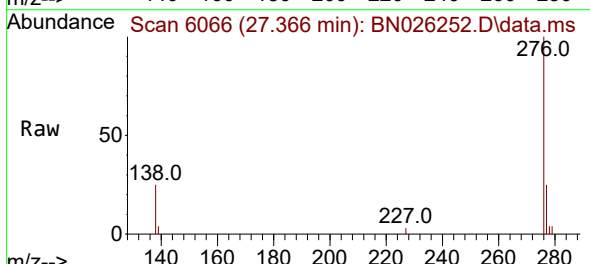
APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 1.100 ng/ul
RT: 27.366 min Scan# 6066
Delta R.T. -0.020 min
Lab File: BN026252.D
Acq: 04 Jul 2023 08:15



Tgt Ion:276 Resp: 79620
Ion Ratio Lower Upper
276 100
138 25.0 23.4 35.0
277 25.4 20.0 30.0

