

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
 Data File : BN026026.D
 Acq On : 26 Jun 2023 14:32
 Operator : MA/JU
 Sample : 03085-19RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ8RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 01:38:29 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	7225	0.400	ng/u1	0.00
4) Naphthalene-d8	10.787	136	23074	0.400	ng/u1	-0.01
9) Acenaphthene-d10	14.612	164	14047	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.359	188	30940	0.400	ng/u1	0.00
17) Chrysene-d12	21.546	240	20289	0.400	ng/u1	0.00
23) Perylene-d12	24.011	264	17795	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	8103	0.996	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.376	152	2306	0.065	ng/u1	0.00
18) Fluoranthene-d10	19.382	212	5391	0.070	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	68533	1.036	ng/u1	99
7) 2-Methylnaphthalene	12.447	142	16860	0.400	ng/u1	100
8) 1-Methylnaphthalene	12.662	142	11404	0.261	ng/u1	99
10) Acenaphthylene	14.334	152	37989	0.578	ng/u1	99
11) Acenaphthene	14.672	153	68150	1.267	ng/u1	99
12) Fluorene	15.657	166	98506	1.597	ng/u1	99
15) Phenanthrene	17.397	178	1826288	17.870	ng/u1	100
16) Anthracene	17.490	178	404451	4.453	ng/u1	100
19) Fluoranthene	19.414	202	3142105	28.995	ng/u1	98
20) Pyrene	19.777	202	2437860	21.629	ng/u1	96
21) Benzo(a)anthracene	21.529	228	1118539	13.364	ng/u1	99
22) Chrysene	21.581	228	1013791	11.641	ng/u1	98
24) Benzo(b)fluoranthene	23.262	252	1100627m	14.491	ng/u1	
25) Benzo(k)fluoranthene	23.300	252	384697m	5.044	ng/u1	
26) Benzo(a)pyrene	23.908	252	657633	9.969	ng/u1#	82
27) Indeno(1,2,3-cd)pyrene	26.598	276	430675	5.977	ng/u1#	87
28) Dibenzo(a,h)anthracene	26.608	278	103285	1.894	ng/u1	91
29) Benzo(g,h,i)perylene	27.399	276	386298	6.027	ng/u1	94

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

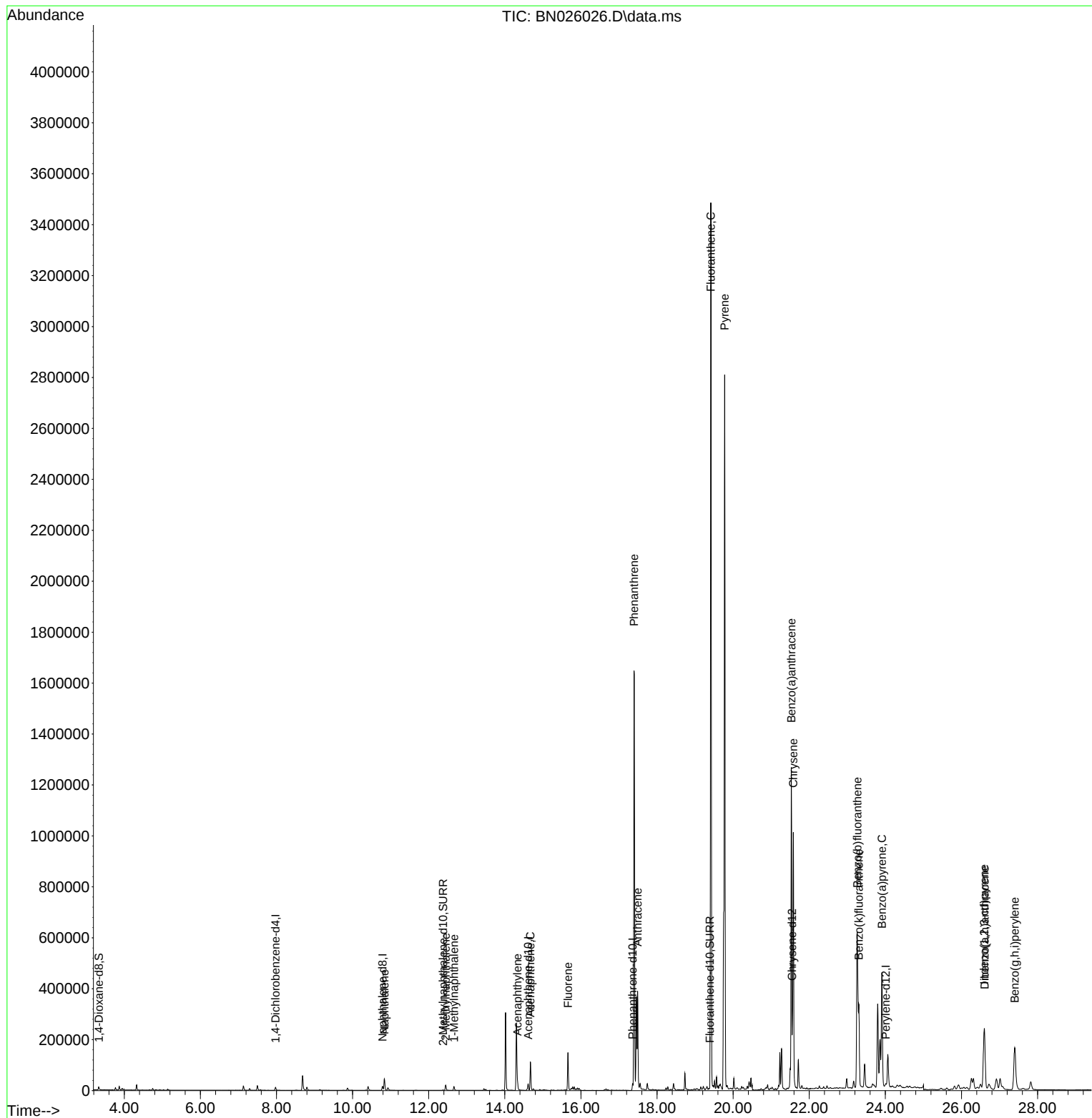
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
Data File : BN026026.D
Acq On : 26 Jun 2023 14:32
Operator : MA/JU
Sample : 03085-19RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

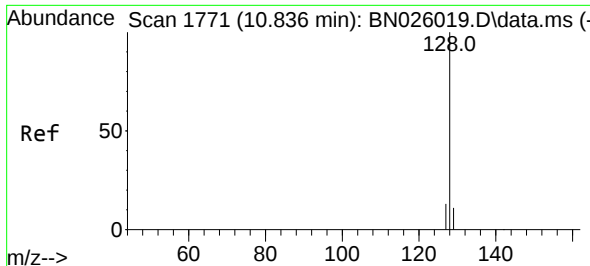
Instrument :
BNA_N
ClientSampleId :
DCFQ8RE

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

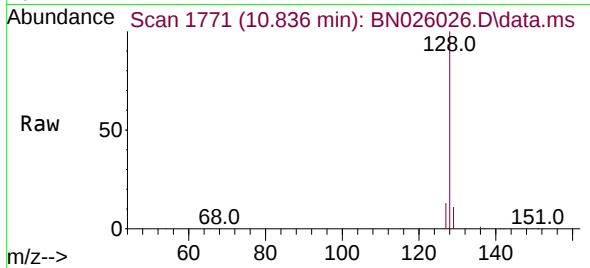
Quant Time: Jun 27 01:38:29 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.036 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN026026.D
Acq: 26 Jun 2023 14:32

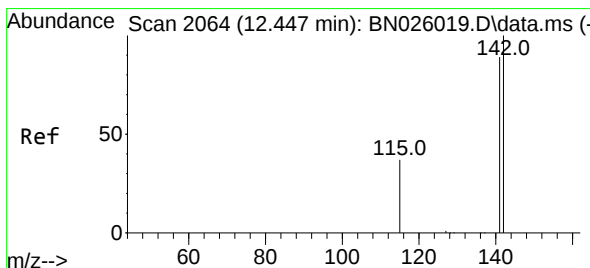
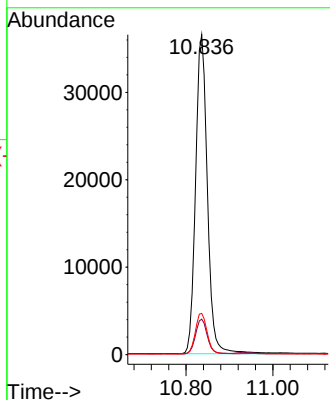
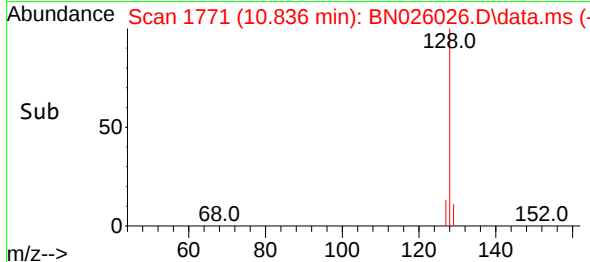
Instrument :
BNA_N
ClientSampleId :
DCFQ8RE



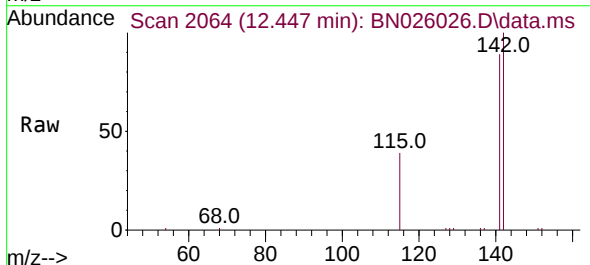
Tgt Ion:128 Resp: 68533
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 12.9 10.7 16.1

Manual Integrations
APPROVED

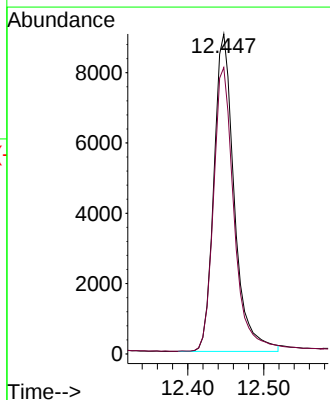
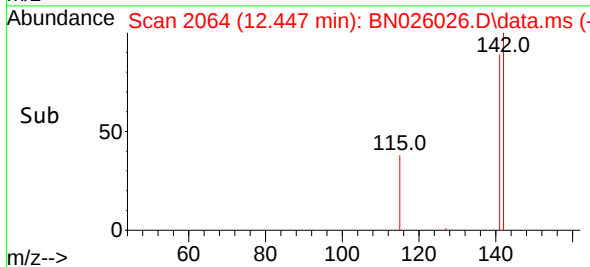
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

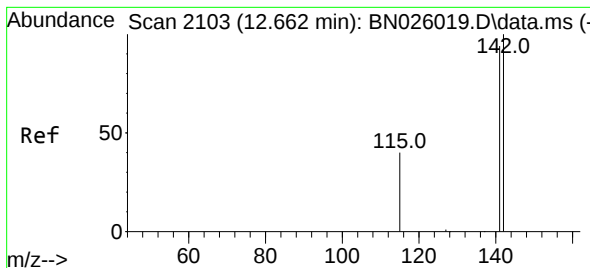


#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN026026.D
Acq: 26 Jun 2023 14:32



Tgt Ion:142 Resp: 16860
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.261 ng/ul

RT: 12.662 min Scan# 2103

Delta R.T. -0.011 min

Lab File: BN026026.D

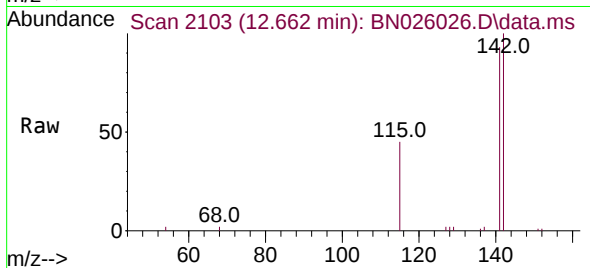
Acq: 26 Jun 2023 14:32

Instrument :

BNA_N

ClientSampleId :

DCFQ8RE



Tgt Ion:142 Resp: 11404

Ion Ratio Lower Upper

142 100

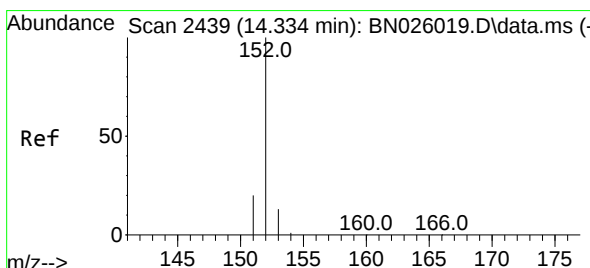
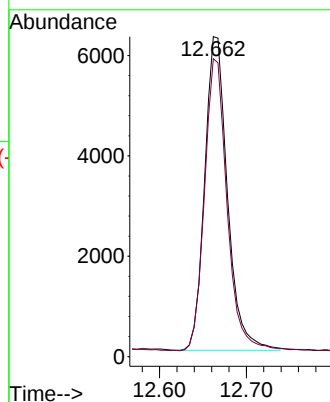
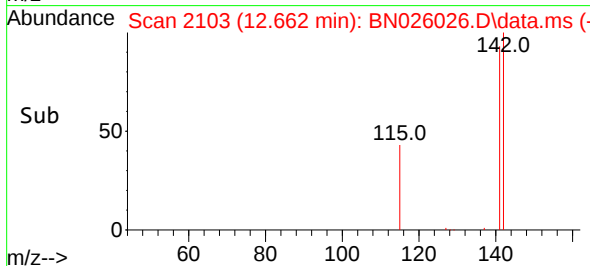
141 92.1 74.2 111.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/27/2023



#10

Acenaphthylene

Concen: 0.578 ng/ul

RT: 14.334 min Scan# 2439

Delta R.T. -0.009 min

Lab File: BN026026.D

Acq: 26 Jun 2023 14:32

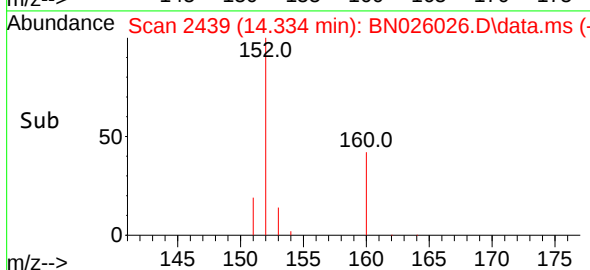
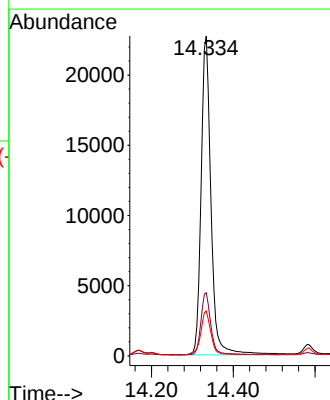
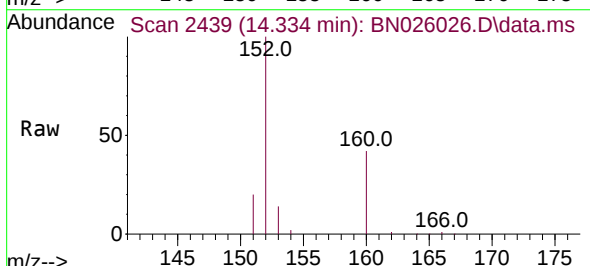
Tgt Ion:152 Resp: 37989

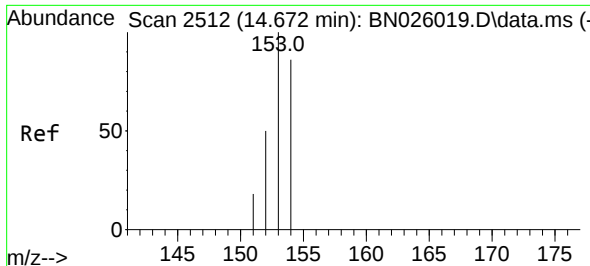
Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.4

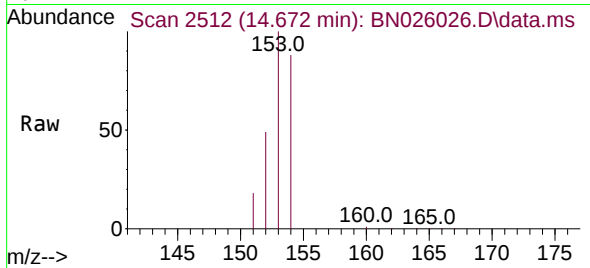
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 1.267 ng/ul
RT: 14.672 min Scan# 2512
Delta R.T. -0.009 min
Lab File: BN026026.D
Acq: 26 Jun 2023 14:32

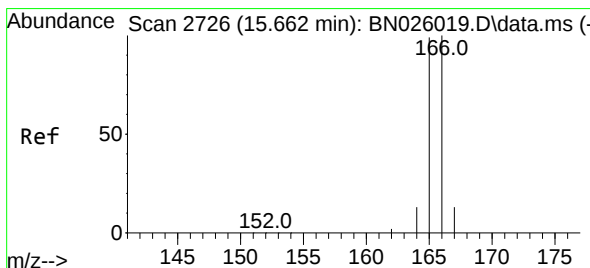
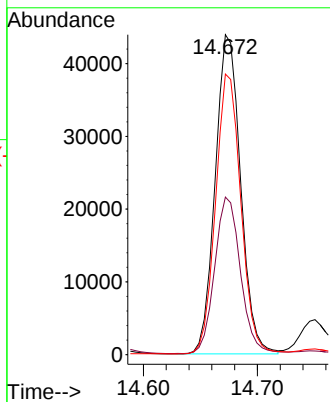
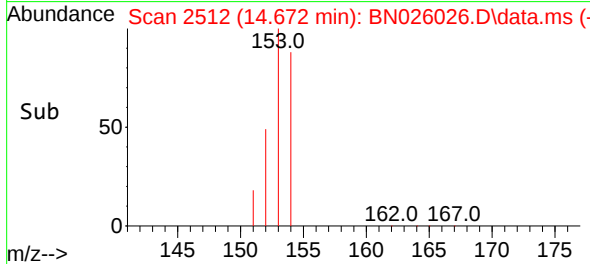
Instrument :
BNA_N
ClientSampleId :
DCFQ8RE



Tgt Ion:153 Resp: 68150
Ion Ratio Lower Upper
153 100
152 49.2 39.4 59.0
154 87.7 68.9 103.3

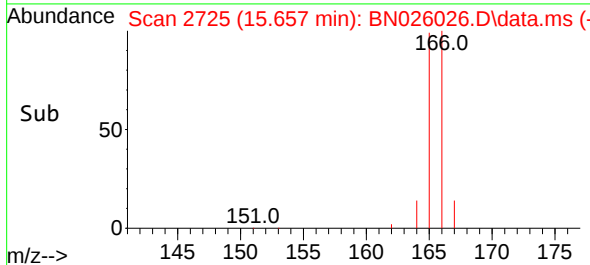
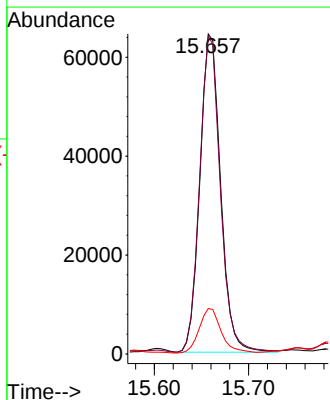
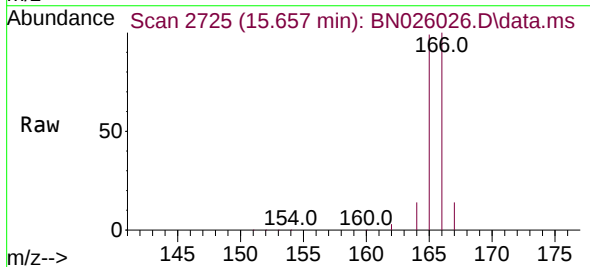
Manual Integrations
APPROVED

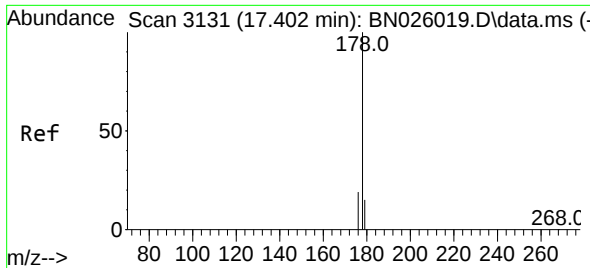
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#12
Fluorene
Concen: 1.597 ng/ul
RT: 15.657 min Scan# 2725
Delta R.T. -0.009 min
Lab File: BN026026.D
Acq: 26 Jun 2023 14:32

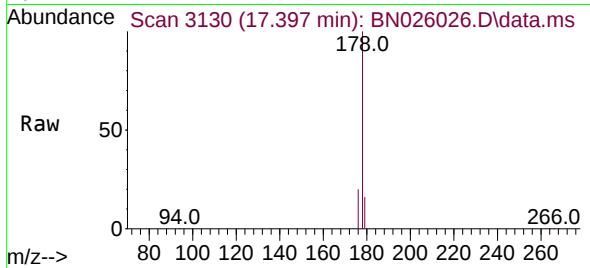
Tgt Ion:166 Resp: 98506
Ion Ratio Lower Upper
166 100
165 99.4 79.9 119.9
167 14.2 10.8 16.2





#15
Phenanthrene
Concen: 17.870 ng/ul
RT: 17.397 min Scan# 3131
Delta R.T. -0.009 min
Lab File: BN026026.D
Acq: 26 Jun 2023 14:32

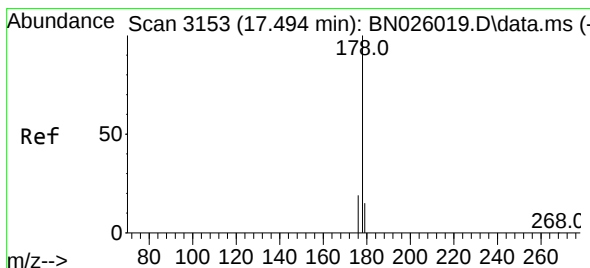
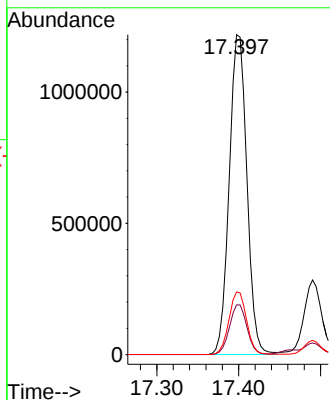
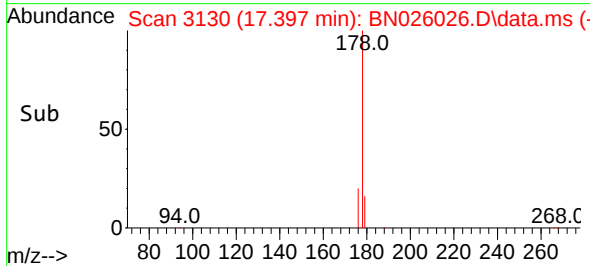
Instrument :
BNA_N
ClientSampleId :
DCFQ8RE



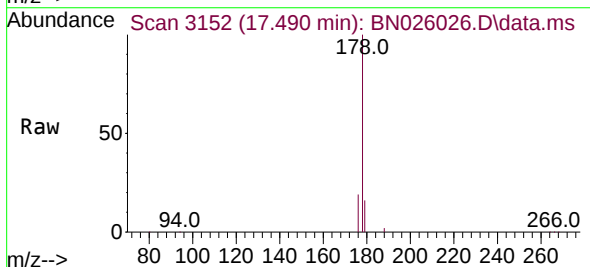
Tgt Ion:178 Resp: 1826288
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.6 15.8 23.6

Manual Integrations
APPROVED

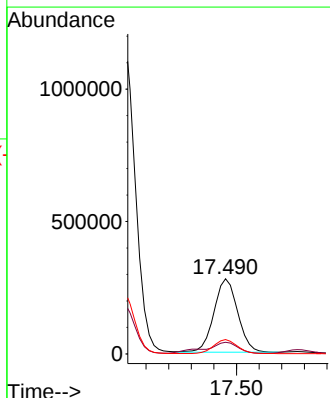
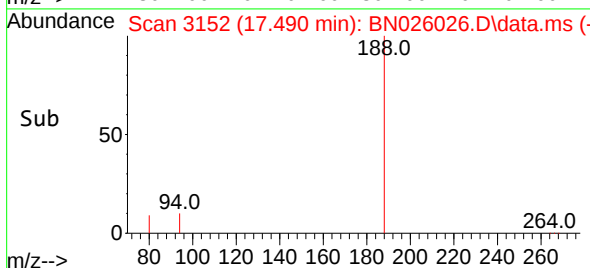
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

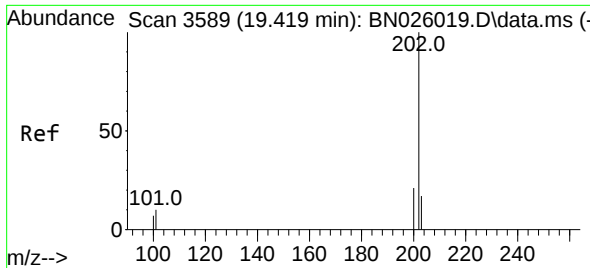


#16
Anthracene
Concen: 4.453 ng/ul
RT: 17.490 min Scan# 3152
Delta R.T. -0.009 min
Lab File: BN026026.D
Acq: 26 Jun 2023 14:32



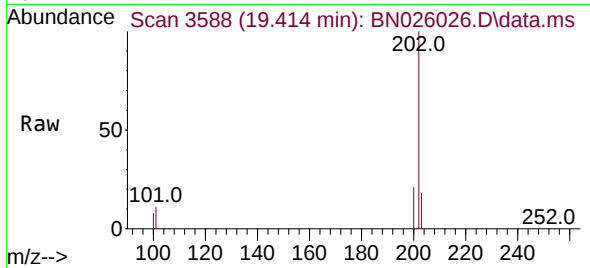
Tgt Ion:178 Resp: 404451
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.0 15.1 22.7





#19
Fluoranthene
Concen: 28.995 ng/ul
RT: 19.414 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BN026026.D
Acq: 26 Jun 2023 14:32

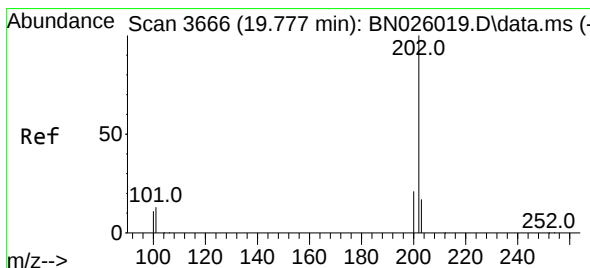
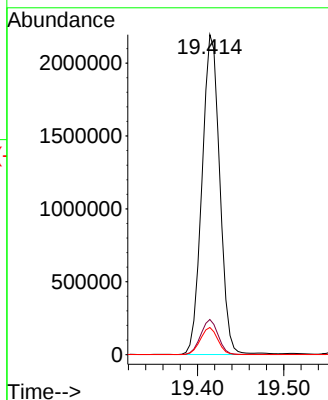
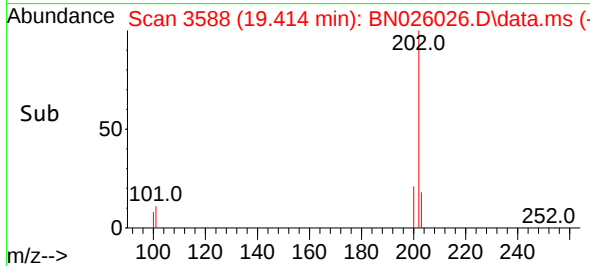
Instrument :
BNA_N
ClientSampleId :
DCFQ8RE



Tgt Ion:202 Resp: 3142105
Ion Ratio Lower Upper
202 100
101 11.0 9.5 14.3
100 8.5 7.3 10.9

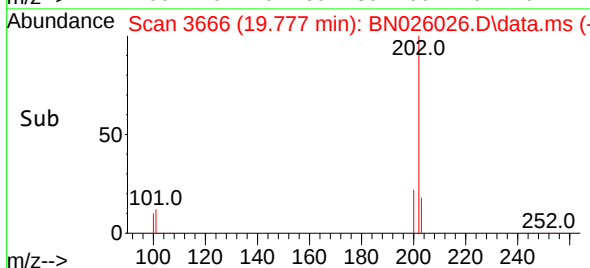
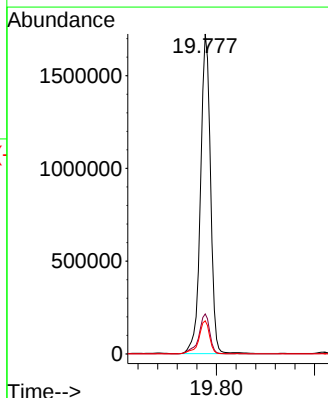
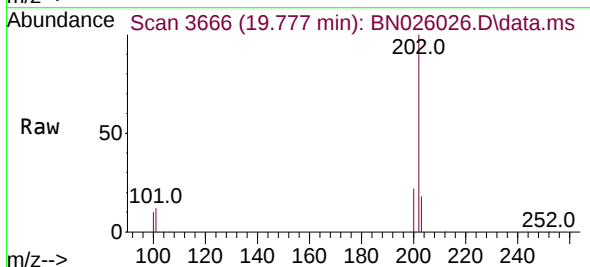
Manual Integrations
APPROVED

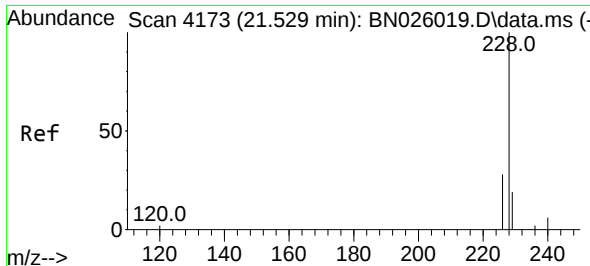
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#20
Pyrene
Concen: 21.629 ng/ul
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN026026.D
Acq: 26 Jun 2023 14:32

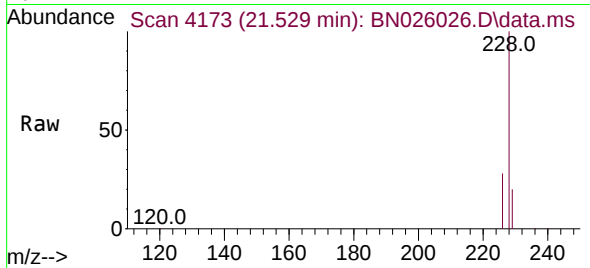
Tgt Ion:202 Resp: 2437860
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 13.364 ng/ul
RT: 21.529 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN026026.D
Acq: 26 Jun 2023 14:32

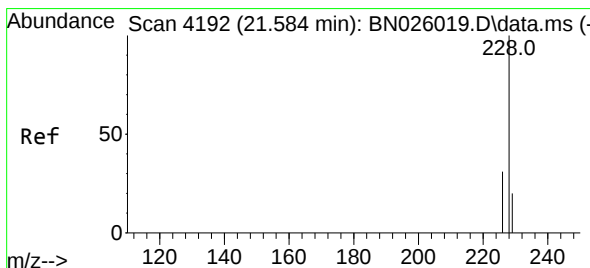
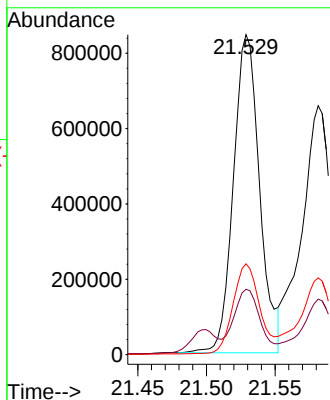
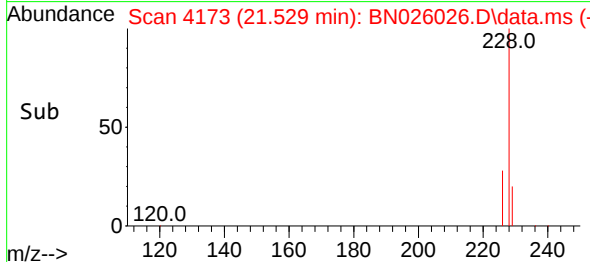
Instrument :
BNA_N
ClientSampleId :
DCFQ8RE



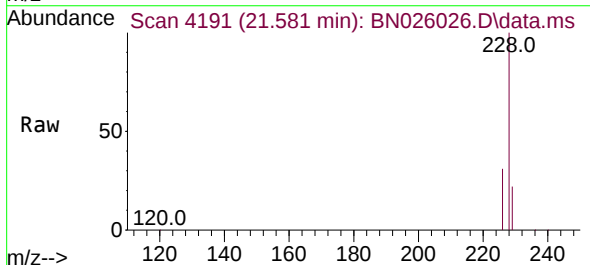
Tgt Ion:228 Resp: 1118539
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 28.4 22.5 33.7

Manual Integrations
APPROVED

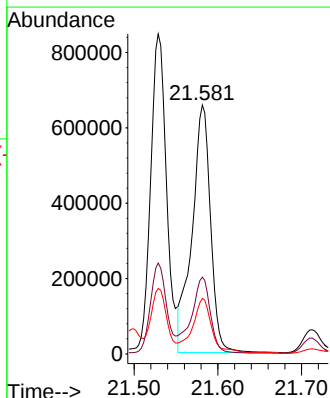
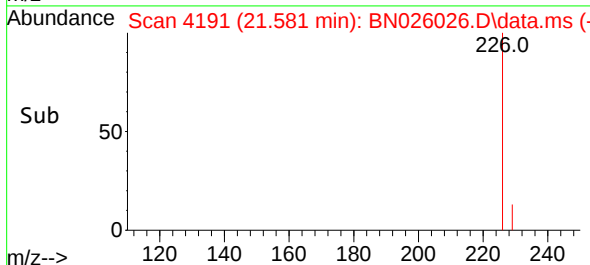
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

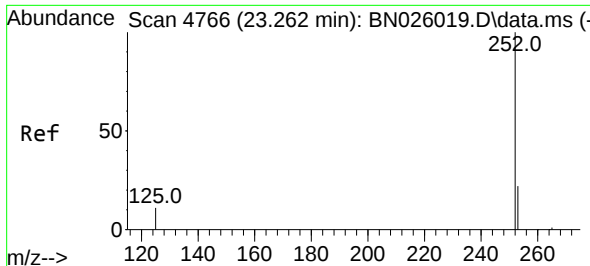


#22
Chrysene
Concen: 11.641 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BN026026.D
Acq: 26 Jun 2023 14:32



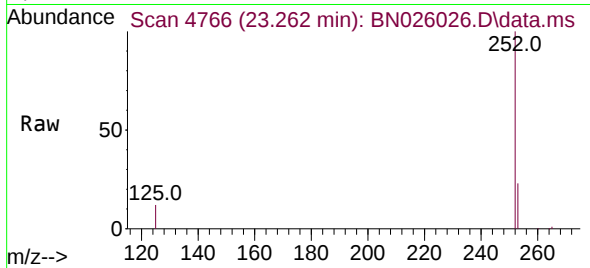
Tgt Ion:228 Resp: 1013791
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 22.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 14.491 ng/ul m
RT: 23.262 min Scan# 4766
Delta R.T. 0.006 min
Lab File: BN026026.D
Acq: 26 Jun 2023 14:32

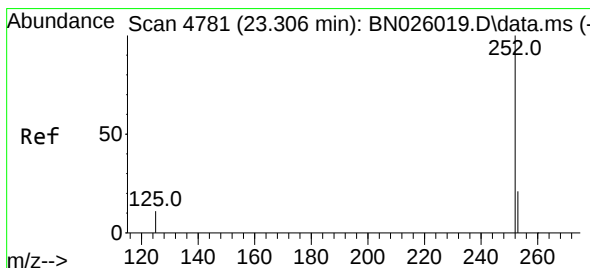
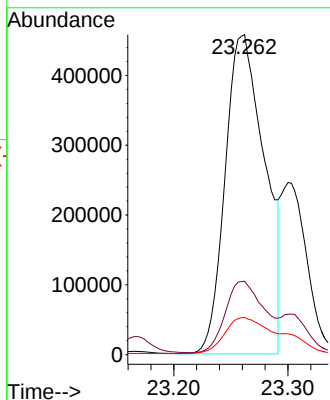
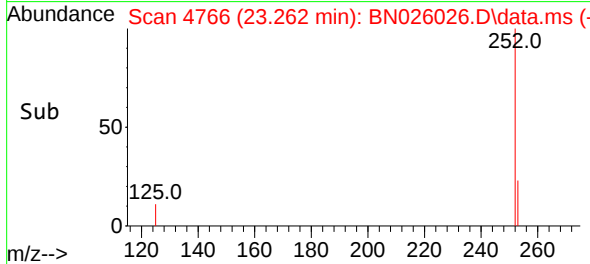
Instrument :
BNA_N
ClientSampleId :
DCFQ8RE



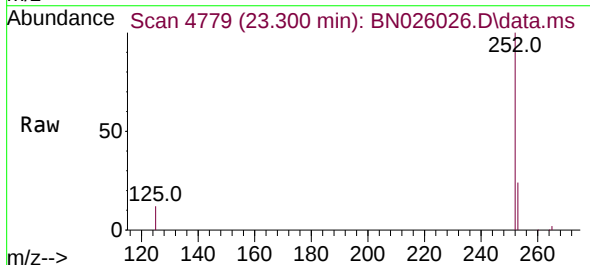
Tgt Ion:252 Resp: 110062
Ion Ratio Lower Upper
252 100
253 22.9 0.0 55.6
125 11.6 0.0 35.8

Manual Integrations
APPROVED

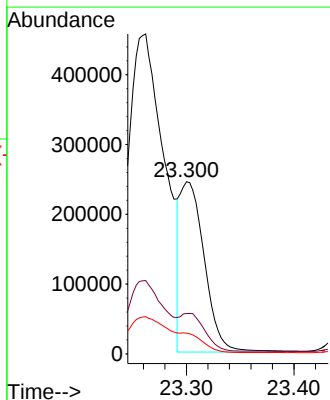
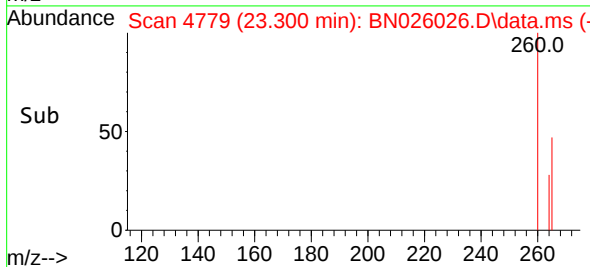
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

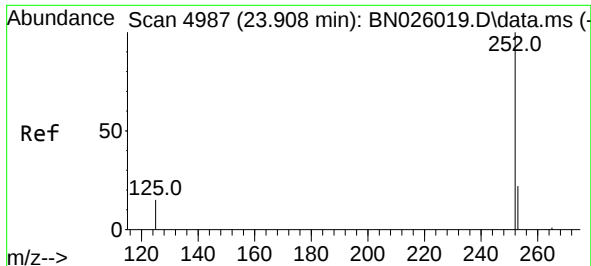


#25
Benzo(k)fluoranthene
Concen: 5.044 ng/ul m
RT: 23.300 min Scan# 4779
Delta R.T. -0.009 min
Lab File: BN026026.D
Acq: 26 Jun 2023 14:32



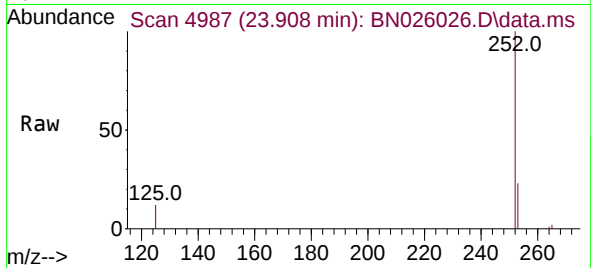
Tgt Ion:252 Resp: 384697
Ion Ratio Lower Upper
252 100
253 23.5 23.2 34.8
125 12.1 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 9.969 ng/ul
RT: 23.908 min Scan# 4987
Delta R.T. -0.000 min
Lab File: BN026026.D
Acq: 26 Jun 2023 14:32

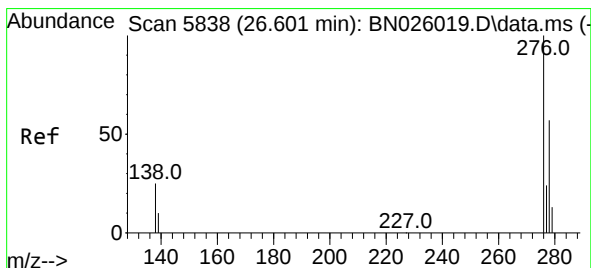
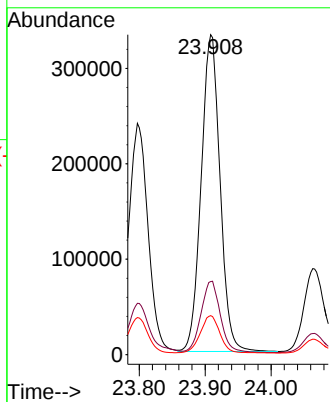
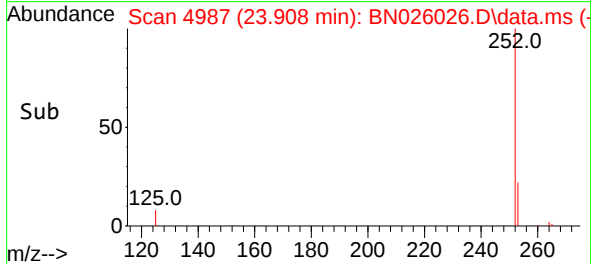
Instrument :
BNA_N
ClientSampleId :
DCFQ8RE



Tgt Ion:252 Resp: 657633
Ion Ratio Lower Upper
252 100
253 22.8 26.0 39.0#
125 12.2 17.3 25.9#

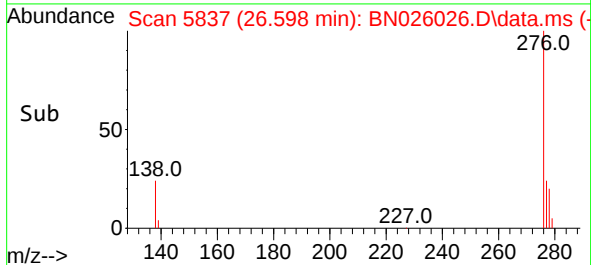
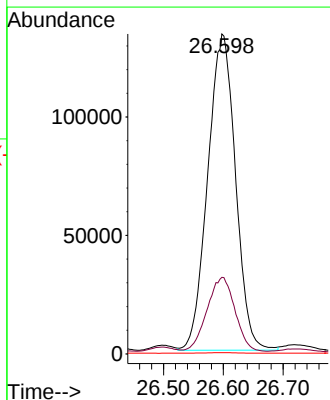
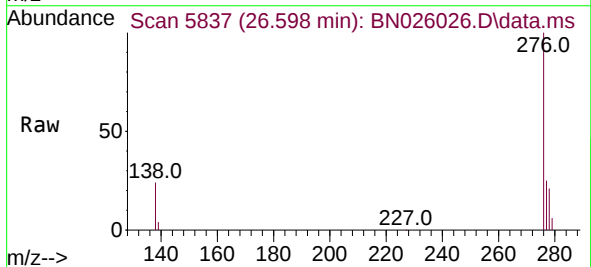
Manual Integrations
APPROVED

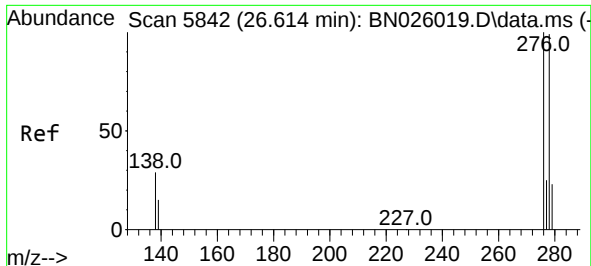
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.977 ng/ul
RT: 26.598 min Scan# 5837
Delta R.T. 0.003 min
Lab File: BN026026.D
Acq: 26 Jun 2023 14:32

Tgt Ion:276 Resp: 430675
Ion Ratio Lower Upper
276 100
138 23.6 24.5 36.7#
227 0.2 0.0 0.0#





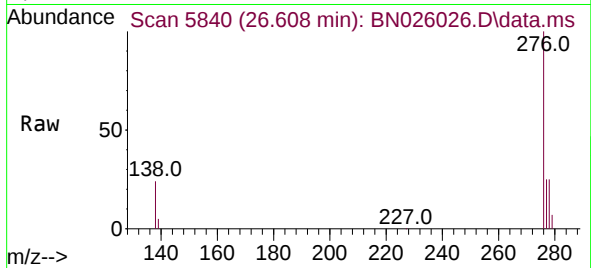
#28
Dibenzo(a,h)anthracene
Concen: 1.894 ng/ul
RT: 26.608 min Scan# 5842
Delta R.T. -0.014 min
Lab File: BN026026.D
Acq: 26 Jun 2023 14:32

Instrument :

BNA_N

ClientSampleId :

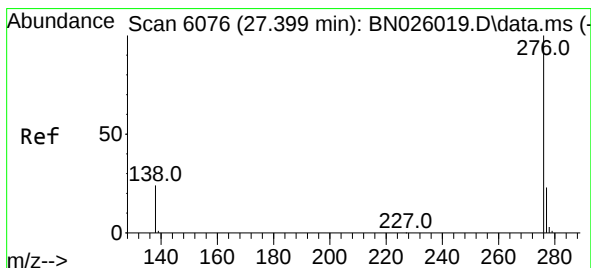
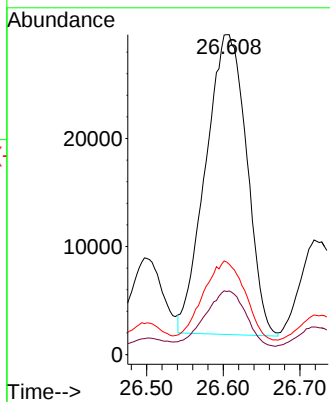
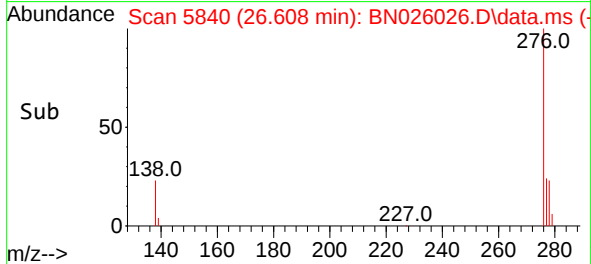
DCFQ8RE



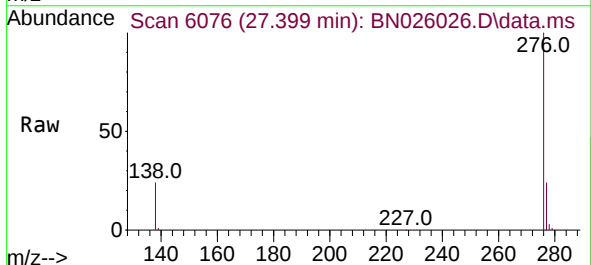
Tgt Ion:278 Resp: 103285
Ion Ratio Lower Upper
278 100
139 19.9 19.0 28.4
279 28.2 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#29
Benzo(g,h,i)perylene
Concen: 6.027 ng/ul
RT: 27.399 min Scan# 6076
Delta R.T. 0.013 min
Lab File: BN026026.D
Acq: 26 Jun 2023 14:32



Tgt Ion:276 Resp: 386298
Ion Ratio Lower Upper
276 100
138 24.5 23.4 35.0
277 24.1 20.0 30.0

