

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
 Data File : BN026022.D
 Acq On : 26 Jun 2023 12:06
 Operator : MA/JU
 Sample : 03085-16RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ2RE

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 01:37:52 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	7.972	152	10608	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.785	136	34111	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.611	164	20543	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	45447	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	35970	0.400	ng/ul	# 0.00
23) Perylene-d12	24.016	264	31564	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	13895	1.163	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.375	152	4291	0.082	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	10388	0.076	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.835	128	9747	0.100	ng/ul	98
7) 2-Methylnaphthalene	12.446	142	3376	0.054	ng/ul	100
8) 1-Methylnaphthalene	12.666	142	2562	0.040	ng/ul	99
10) Acenaphthylene	14.334	152	35881	0.373	ng/ul	99
11) Acenaphthene	14.676	153	5963	0.076	ng/ul	98
12) Fluorene	15.657	166	5545	0.061	ng/ul#	99
14) Pentachlorophenol	17.013	266	903	0.055	ng/ul	97
15) Phenanthrene	17.397	178	140056	0.933	ng/ul	100
16) Anthracene	17.490	178	36966	0.277	ng/ul	99
19) Fluoranthene	19.414	202	576705	3.002	ng/ul	97
20) Pyrene	19.776	202	510252	2.553	ng/ul	96
21) Benzo(a)anthracene	21.525	228	291438	1.964	ng/ul	98
22) Chrysene	21.581	228	322109	2.086	ng/ul	98
24) Benzo(b)fluoranthene	23.258	252	494731m	3.672	ng/ul	
25) Benzo(k)fluoranthene	23.296	252	163287m	1.207	ng/ul	
26) Benzo(a)pyrene	23.904	252	283588	2.424	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.597	276	216681	1.695	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.610	278	50037	0.517	ng/ul	96
29) Benzo(g,h,i)perylene	27.398	276	219361	1.929	ng/ul	95

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

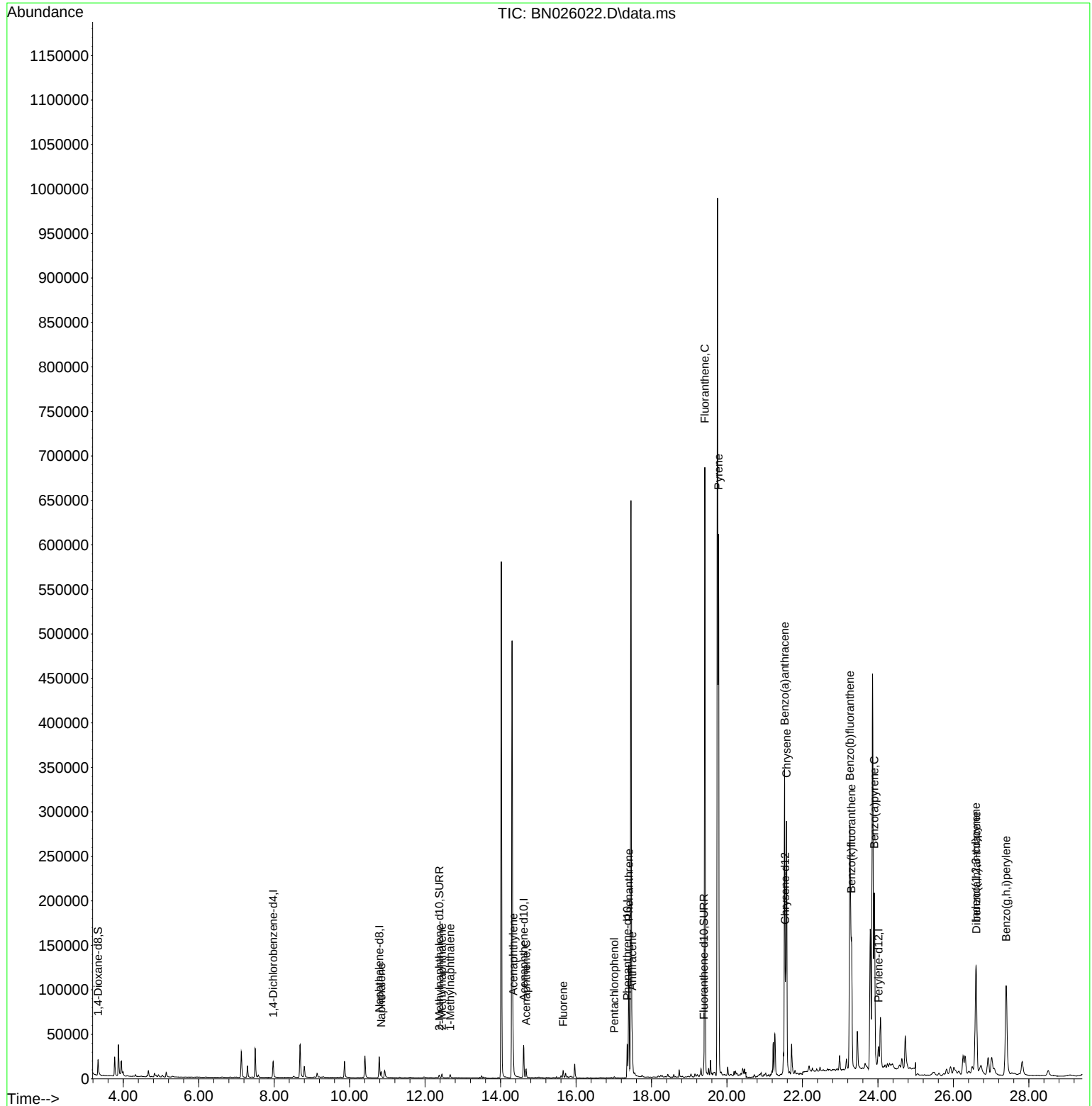
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
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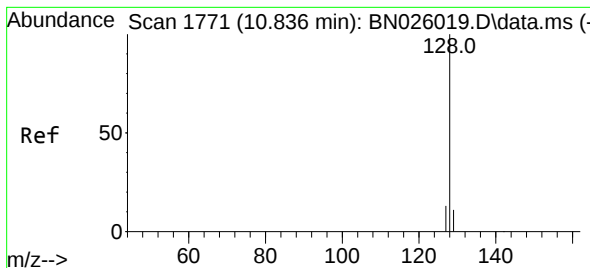
Instrument :
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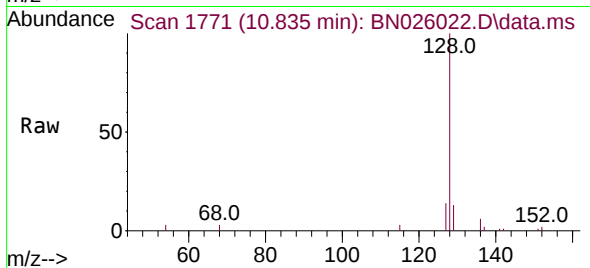
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023





#5
Naphthalene
Concen: 0.100 ng/ul
RT: 10.835 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BN026022.D
Acq: 26 Jun 2023 12:06

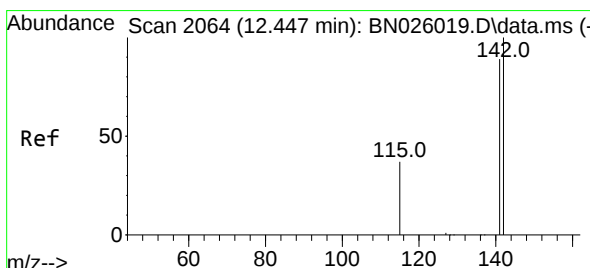
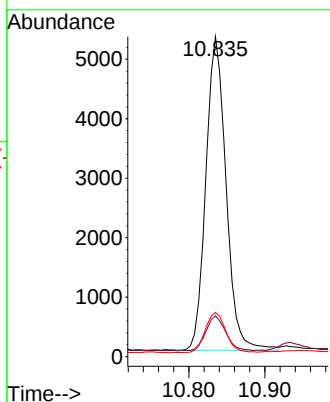
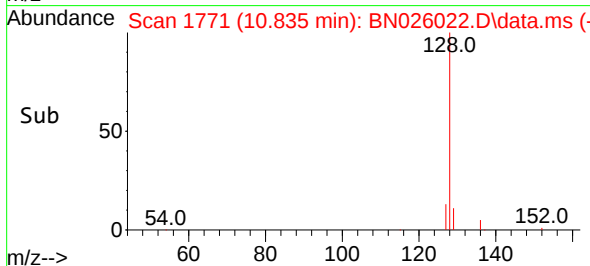
Instrument :
BNA_N
ClientSampleId :
DCFQ2RE



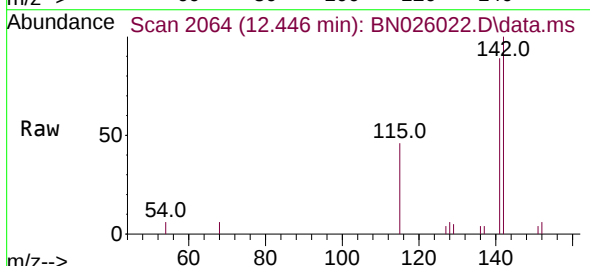
Tgt Ion:128 Resp: 974
Ion Ratio Lower Upper
128 100
129 12.7 9.1 13.7
127 13.8 10.7 16.1

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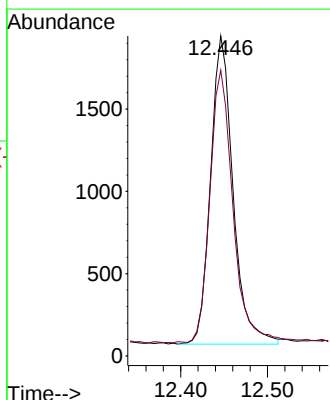
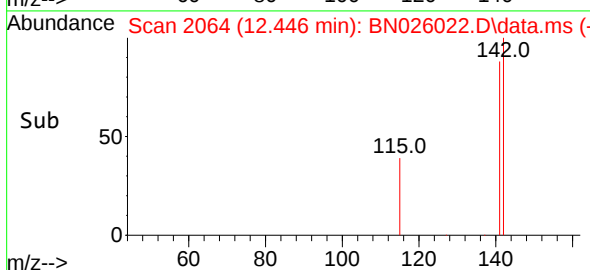
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

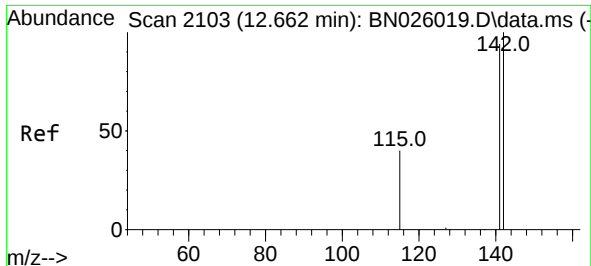


#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.446 min Scan# 2064
Delta R.T. -0.007 min
Lab File: BN026022.D
Acq: 26 Jun 2023 12:06



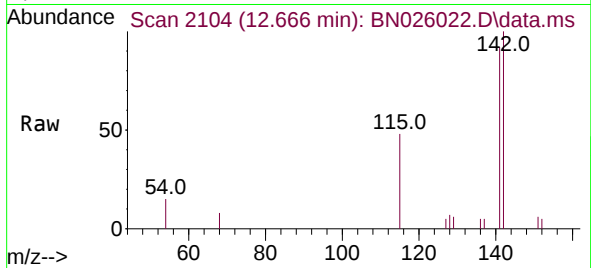
Tgt Ion:142 Resp: 3376
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.666 min Scan# 2104
Delta R.T. -0.007 min
Lab File: BN026022.D
Acq: 26 Jun 2023 12:06

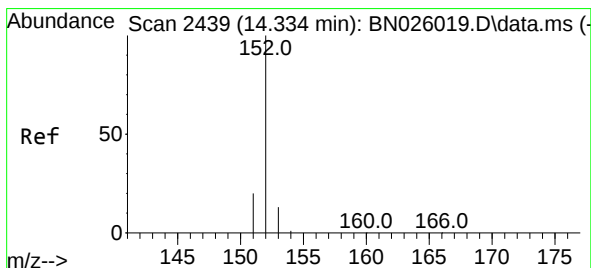
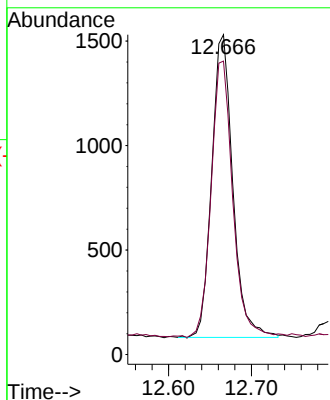
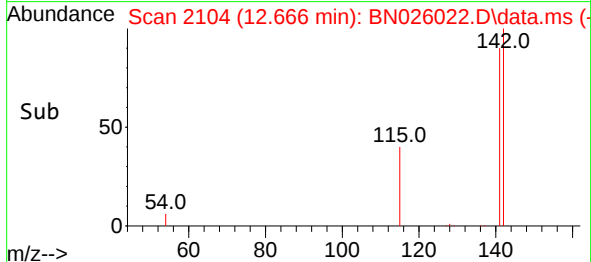
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 2562
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.4

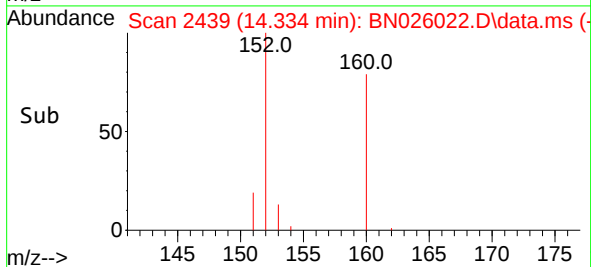
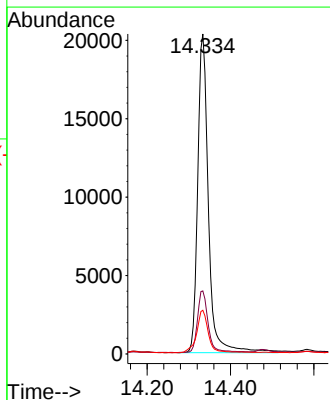
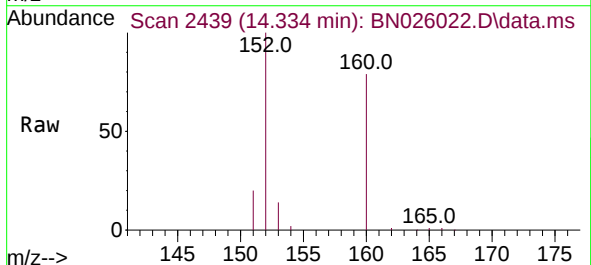
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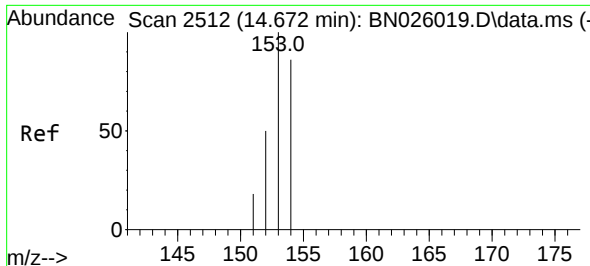
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.010 min
Lab File: BN026022.D
Acq: 26 Jun 2023 12:06

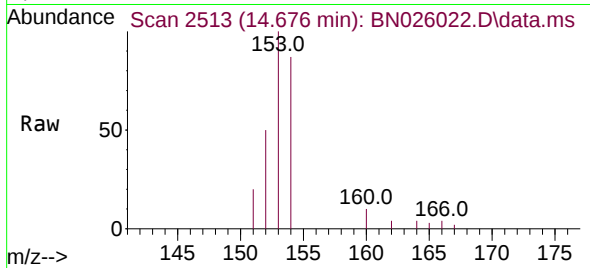
Tgt Ion:152 Resp: 35881
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 13.6 10.9 16.3





#11
Acenaphthene
Concen: 0.076 ng/ul
RT: 14.676 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026022.D
Acq: 26 Jun 2023 12:06

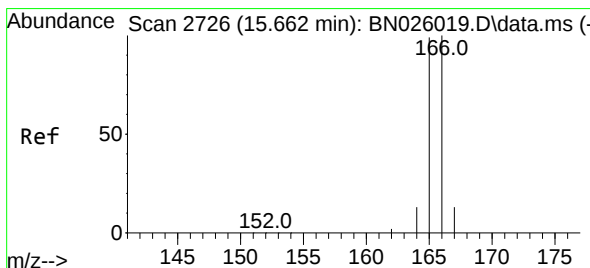
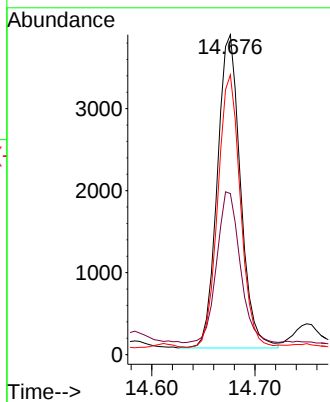
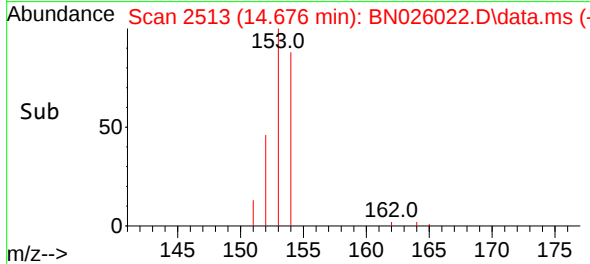
Instrument :
BNA_N
ClientSampleId :
DCFQ2RE



Tgt Ion:153 Resp: 5963
Ion Ratio Lower Upper
153 100
152 50.3 39.4 59.0
154 87.4 68.9 103.3

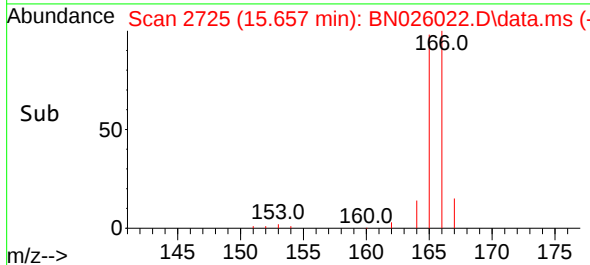
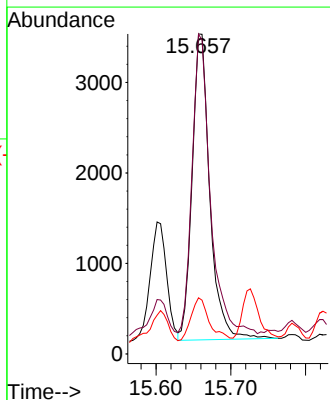
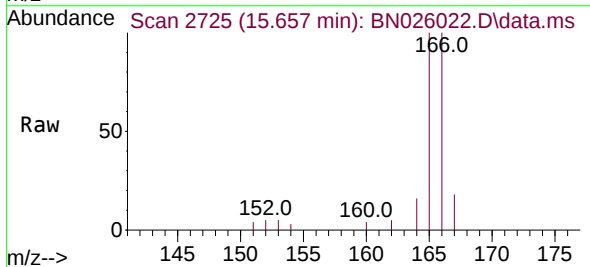
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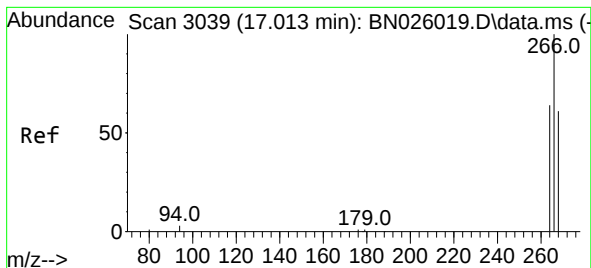
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#12
Fluorene
Concen: 0.061 ng/ul
RT: 15.657 min Scan# 2725
Delta R.T. -0.010 min
Lab File: BN026022.D
Acq: 26 Jun 2023 12:06

Tgt Ion:166 Resp: 5545
Ion Ratio Lower Upper
166 100
165 99.9 79.9 119.9
167 17.5 10.8 16.2#





#14

Pentachlorophenol

Concen: 0.055 ng/u1

RT: 17.013 min Scan# 3039

Delta R.T. -0.005 min

Lab File: BN026022.D

Acq: 26 Jun 2023 12:06

Instrument :

BNA_N

ClientSampleId :

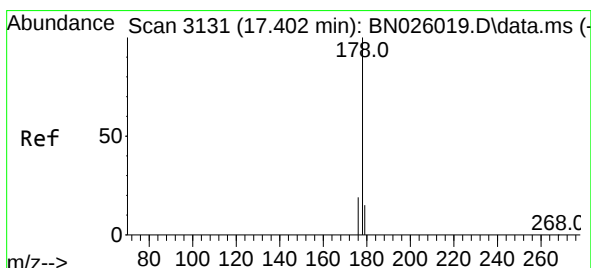
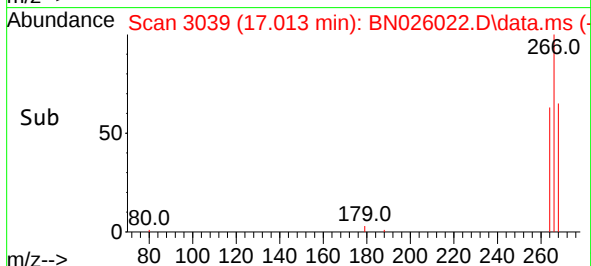
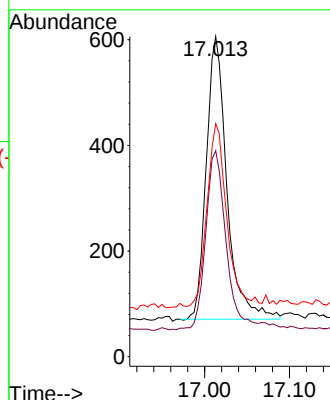
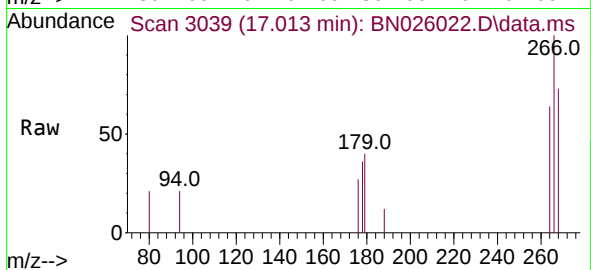
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Tgt Ion:	266	Resp:	903
Ion Ratio	Lower	Upper	
266	100		
264	64.3	50.5	75.7
268	61.8	51.6	77.4

Manual Integrations

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



#15

Phenanthrene

Concen: 0.933 ng/u1

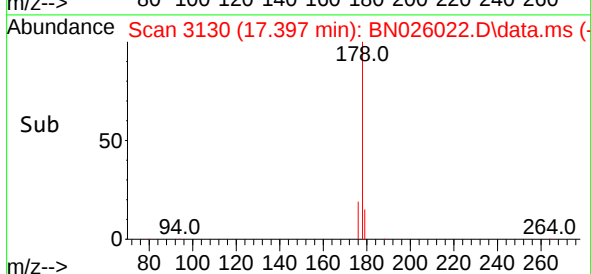
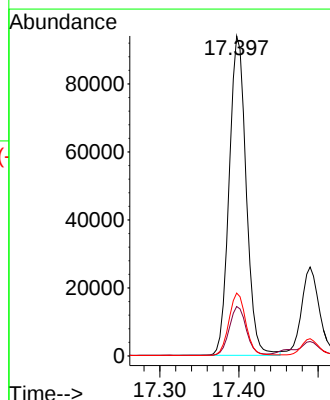
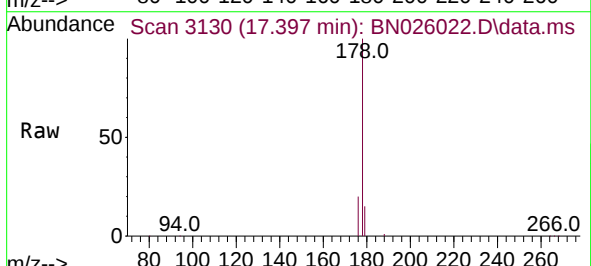
RT: 17.397 min Scan# 3130

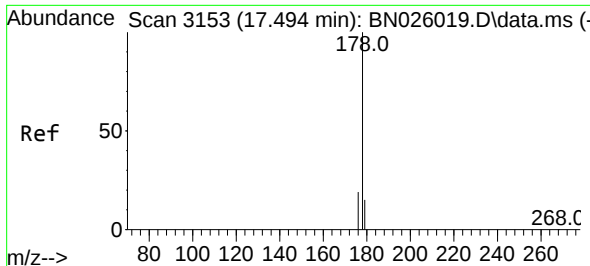
Delta R.T. -0.009 min

Lab File: BN026022.D

Acq: 26 Jun 2023 12:06

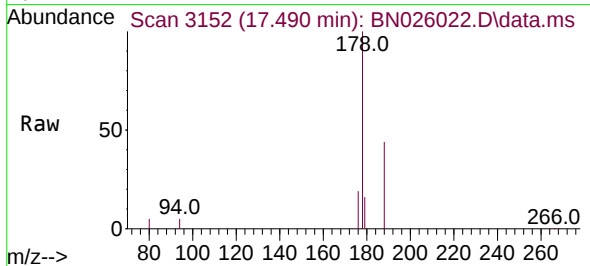
Tgt Ion:	178	Resp:	140056
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.6	19.0
176	19.6	15.8	23.6





#16
 Anthracene
 Concen: 0.277 ng/ul
 RT: 17.490 min Scan# 3153
 Delta R.T. -0.009 min
 Lab File: BN026022.D
 Acq: 26 Jun 2023 12:06

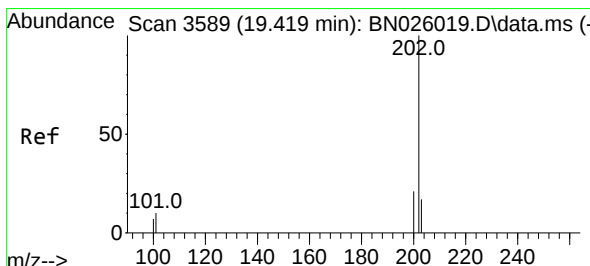
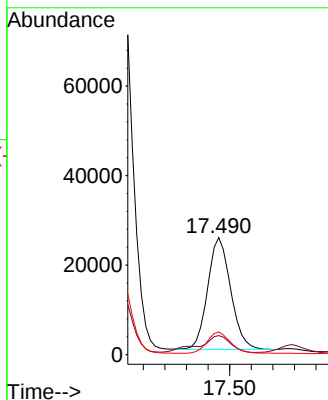
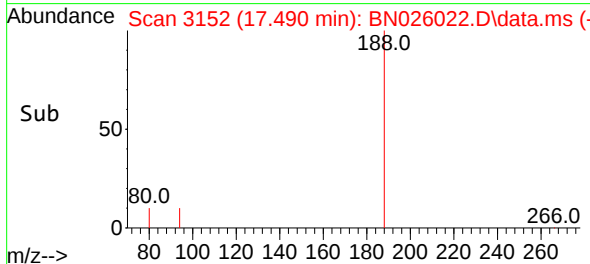
Instrument :
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 DCFQ2RE



Tgt Ion:178 Resp: 36966
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.6 18.8
 176 19.3 15.1 22.7

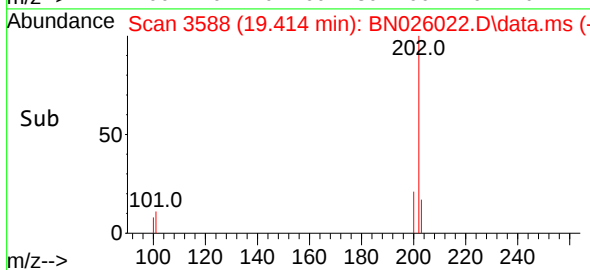
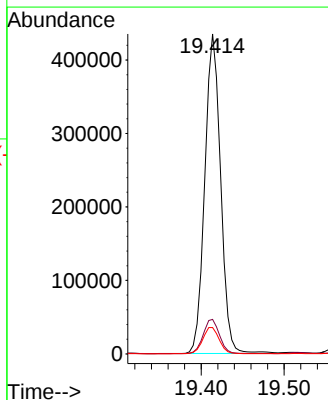
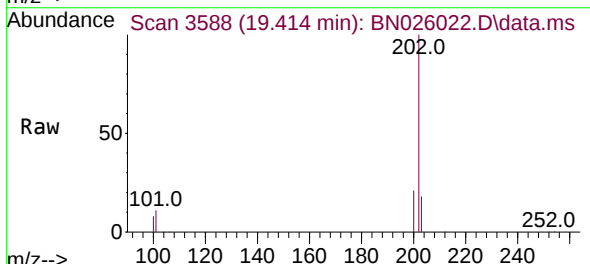
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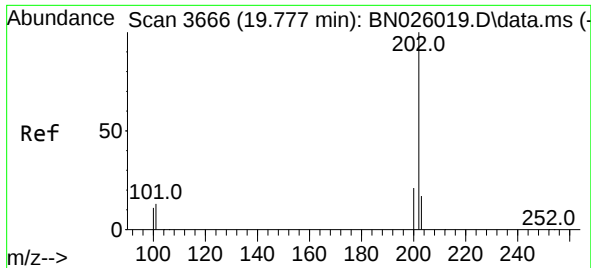
Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023



#19
 Fluoranthene
 Concen: 3.002 ng/ul
 RT: 19.414 min Scan# 3588
 Delta R.T. -0.006 min
 Lab File: BN026022.D
 Acq: 26 Jun 2023 12:06

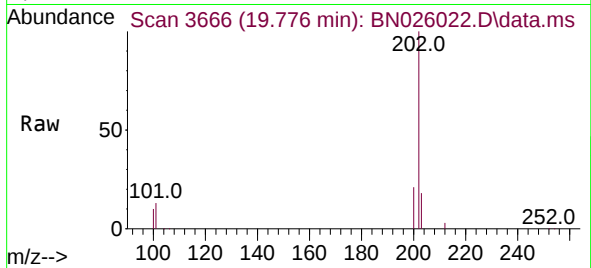
Tgt Ion:202 Resp: 576705
 Ion Ratio Lower Upper
 202 100
 101 10.8 9.5 14.3
 100 8.2 7.3 10.9





#20
Pyrene
Concen: 2.553 ng/ul
RT: 19.776 min Scan# 3666
Delta R.T. -0.006 min
Lab File: BN026022.D
Acq: 26 Jun 2023 12:06

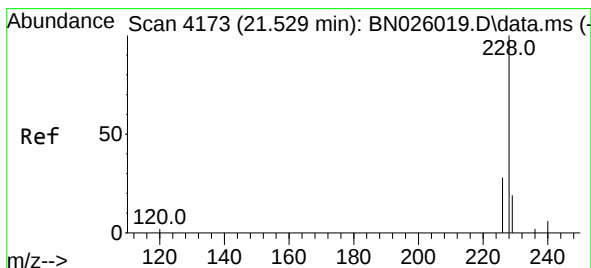
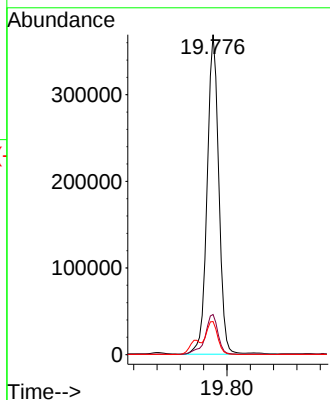
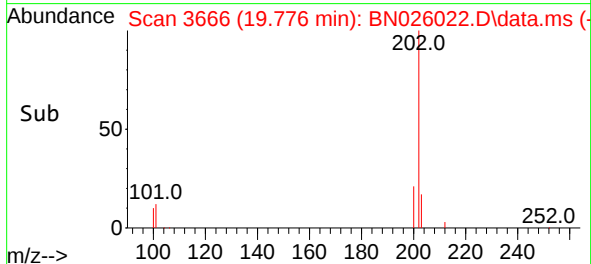
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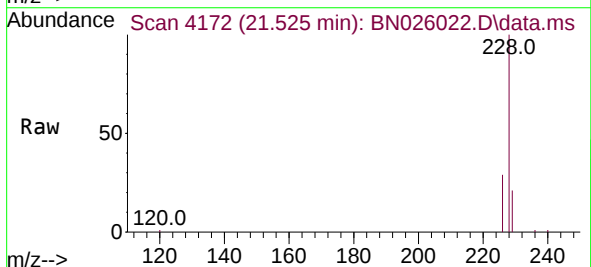
Tgt Ion:202 Resp: 510252
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.3 9.1 13.7

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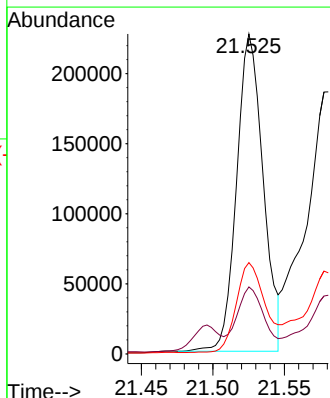
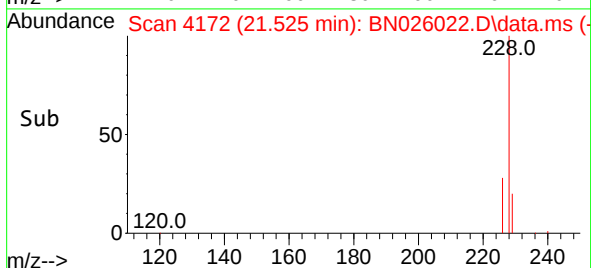
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

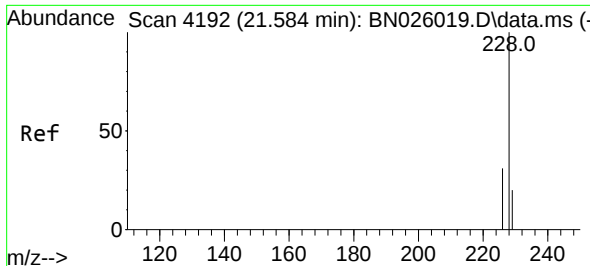


#21
Benzo(a)anthracene
Concen: 1.964 ng/ul
RT: 21.525 min Scan# 4172
Delta R.T. -0.007 min
Lab File: BN026022.D
Acq: 26 Jun 2023 12:06



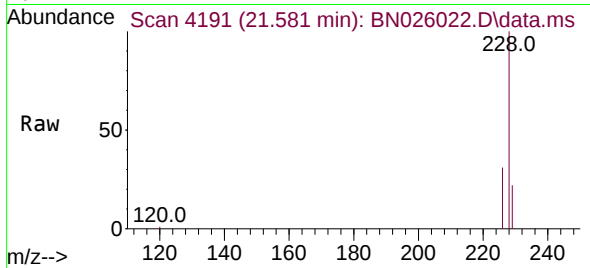
Tgt Ion:228 Resp: 291438
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 28.5 22.5 33.7





#22
Chrysene
Concen: 2.086 ng/ul
RT: 21.581 min Scan# 4192
Delta R.T. -0.004 min
Lab File: BN026022.D
Acq: 26 Jun 2023 12:06

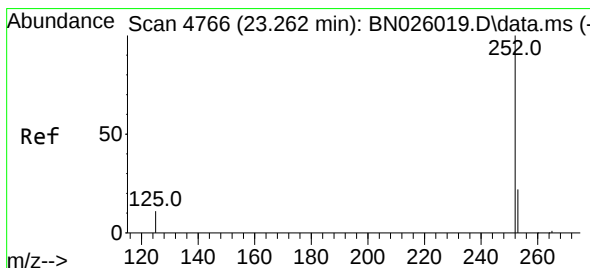
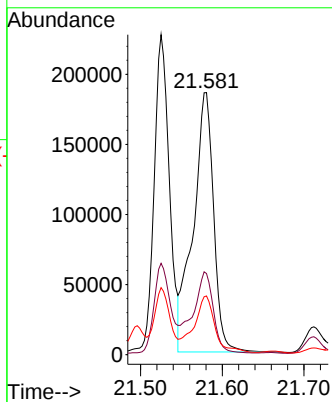
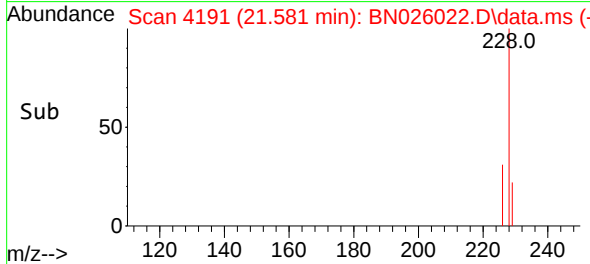
Instrument :
BNA_N
ClientSampleId :
DCFQ2RE



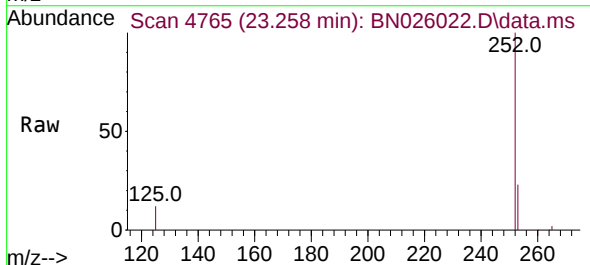
Tgt Ion:228 Resp: 322109
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 22.4 15.7 23.5

Manual Integrations
APPROVED

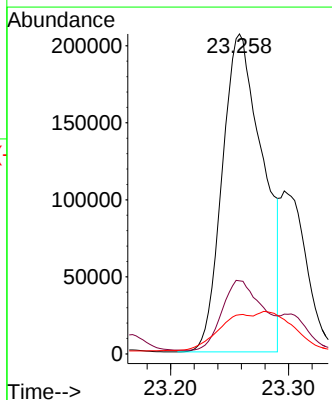
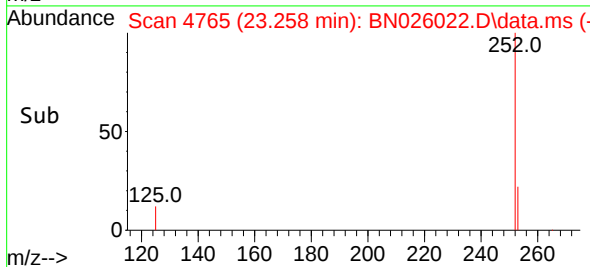
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

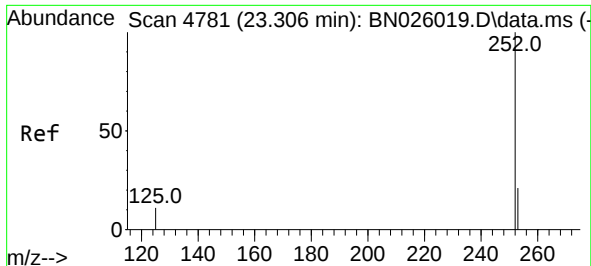


#24
Benzo(b)fluoranthene
Concen: 3.672 ng/ul m
RT: 23.258 min Scan# 4765
Delta R.T. 0.002 min
Lab File: BN026022.D
Acq: 26 Jun 2023 12:06



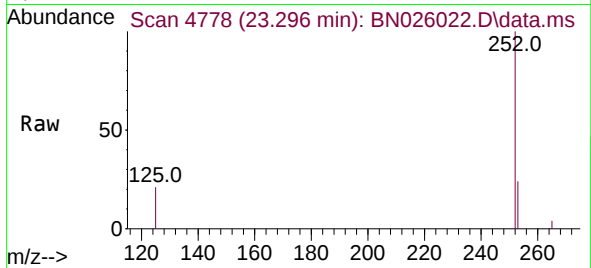
Tgt Ion:252 Resp: 494731
Ion Ratio Lower Upper
252 100
253 22.8 0.0 55.6
125 12.2 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 1.207 ng/ul m
RT: 23.296 min Scan# 4778
Delta R.T. -0.013 min
Lab File: BN026022.D
Acq: 26 Jun 2023 12:06

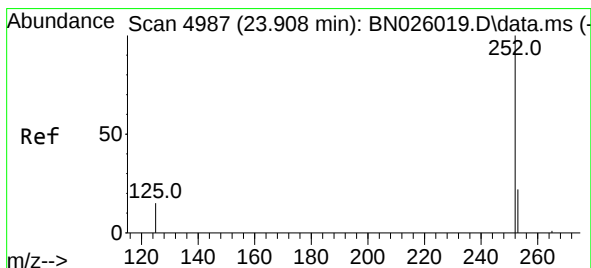
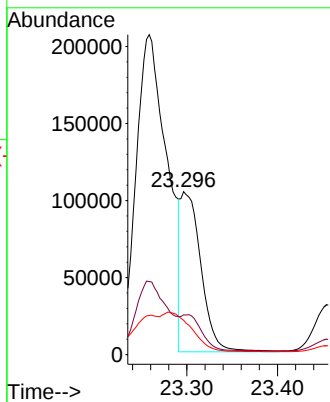
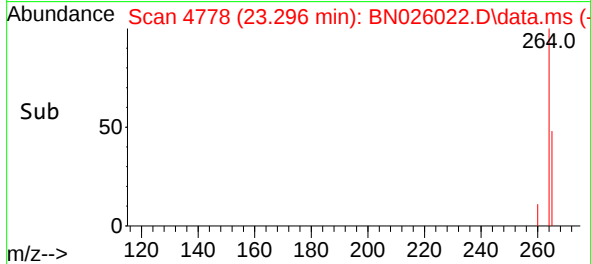
Instrument :
BNA_N
ClientSampleId :
DCFQ2RE



Tgt Ion:252 Resp: 163287
Ion Ratio Lower Upper
252 100
253 24.4 23.2 34.8
125 21.1 15.0 22.4

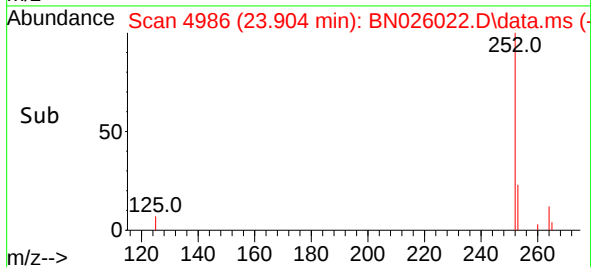
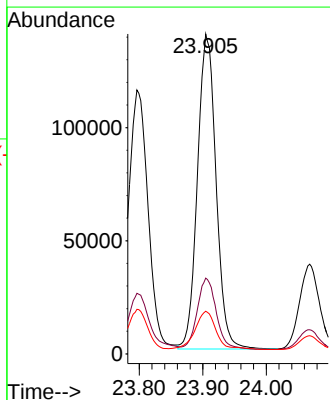
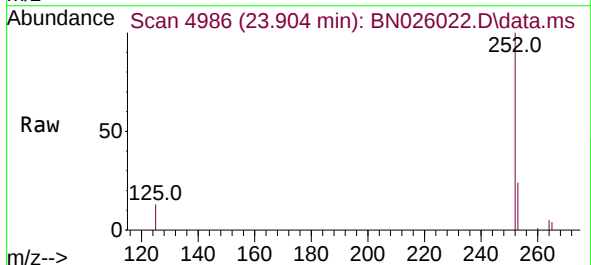
Manual Integrations
APPROVED

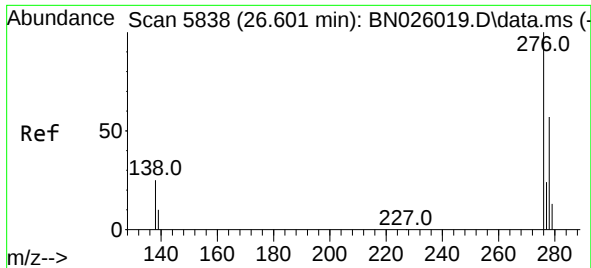
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#26
Benzo(a)pyrene
Concen: 2.424 ng/ul
RT: 23.904 min Scan# 4986
Delta R.T. -0.004 min
Lab File: BN026022.D
Acq: 26 Jun 2023 12:06

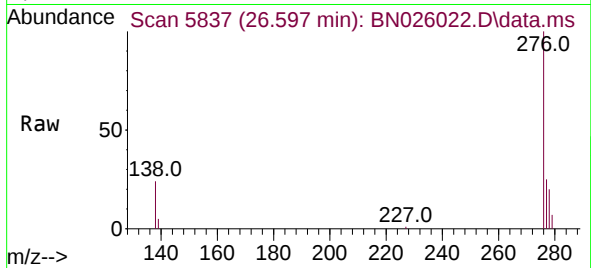
Tgt Ion:252 Resp: 283588
Ion Ratio Lower Upper
252 100
253 23.7 26.0 39.0#
125 13.3 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.695 ng/ul
RT: 26.597 min Scan# 5838
Delta R.T. 0.002 min
Lab File: BN026022.D
Acq: 26 Jun 2023 12:06

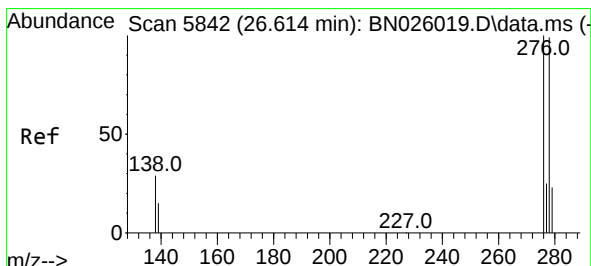
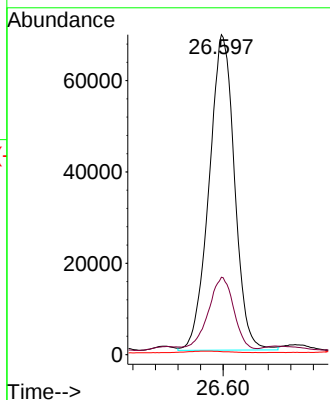
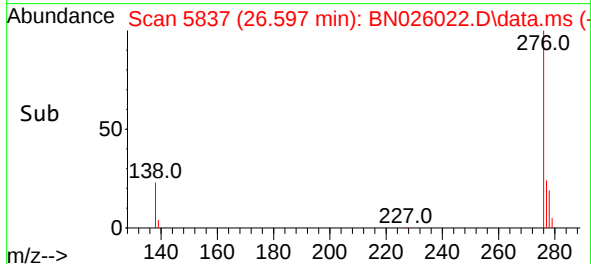
Instrument :
BNA_N
ClientSampleId :
DCFQ2RE



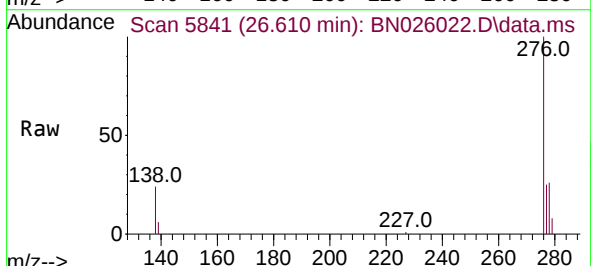
Tgt Ion:276 Resp: 21668
Ion Ratio Lower Upper
276 100
138 23.4 24.5 36.7
227 0.0 0.0 0.0

Manual Integrations
APPROVED

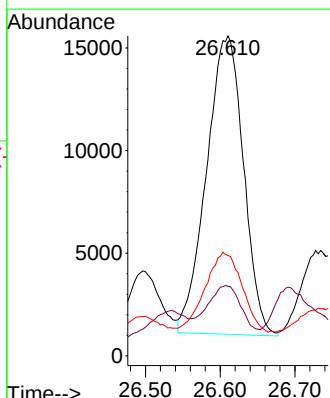
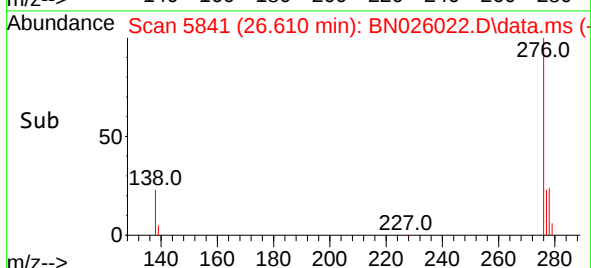
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

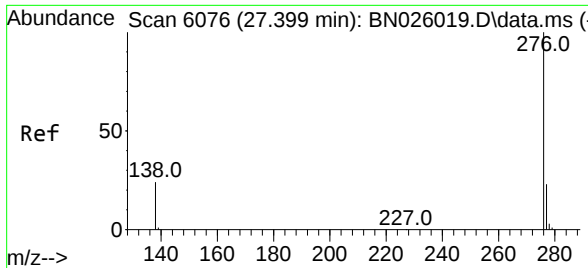


#28
Dibenzo(a,h)anthracene
Concen: 0.517 ng/ul
RT: 26.610 min Scan# 5841
Delta R.T. -0.011 min
Lab File: BN026022.D
Acq: 26 Jun 2023 12:06



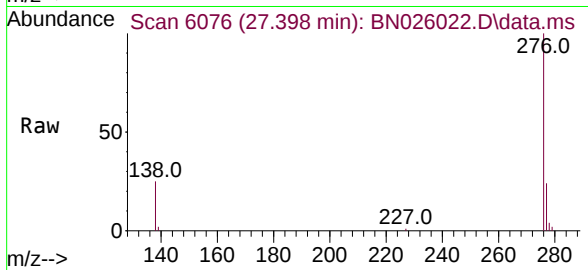
Tgt Ion:278 Resp: 50037
Ion Ratio Lower Upper
278 100
139 21.7 19.0 28.4
279 31.4 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 1.929 ng/ul
 RT: 27.398 min Scan# 6076
 Delta R.T. 0.012 min
 Lab File: BN026022.D
 Acq: 26 Jun 2023 12:06

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ2RE



Tgt Ion:276 Resp: 21936
 Ion Ratio Lower Upper
 276 100
 138 24.7 23.4 35.0
 277 24.1 20.0 30.0

Manual Integrations
 APPROVED

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

