

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026579.D
 Acq On : 19 Jul 2023 00:48
 Operator : MA/JU
 Sample : 03458-08DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 04:52:33 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 19 00:52:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	1331	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.741	136	4225	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.574	164	2967	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	7535	0.400	ng/ul	0.00
17) Chrysene-d12	21.519	240	9838	0.400	ng/ul	# 0.00
23) Perylene-d12	23.954	264	11668	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	692	0.395	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.342	152	261	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.353	212	1020	0.030	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.791	128	962	0.083	ng/ul#	72
7) 2-Methylnaphthalene	12.419	142	315	0.048	ng/ul	96
8) 1-Methylnaphthalene	12.622	142	306	0.043	ng/ul	97
10) Acenaphthylene	14.297	152	354	0.024	ng/ul#	36
11) Acenaphthene	14.634	153	2695	0.243	ng/ul	98
12) Fluorene	15.625	166	2674	0.230	ng/ul#	96
15) Phenanthrene	17.363	178	49592	2.067	ng/ul	97
16) Anthracene	17.460	178	5144	0.247	ng/ul	97
19) Fluoranthene	19.381	202	55838	1.211	ng/ul	97
20) Pyrene	19.744	202	50607	1.011	ng/ul	97
21) Benzo(a)anthracene	21.502	228	27446	0.759	ng/ul	98
22) Chrysene	21.557	228	32605	0.792	ng/ul	99
24) Benzo(b)fluoranthene	23.212	252	29929m	0.658	ng/ul	
25) Benzo(k)fluoranthene	23.255	252	10052m	0.211	ng/ul	
26) Benzo(a)pyrene	23.843	252	7345	0.182	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.490	276	7686	0.145	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.493	278	3200	0.079	ng/ul#	55

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

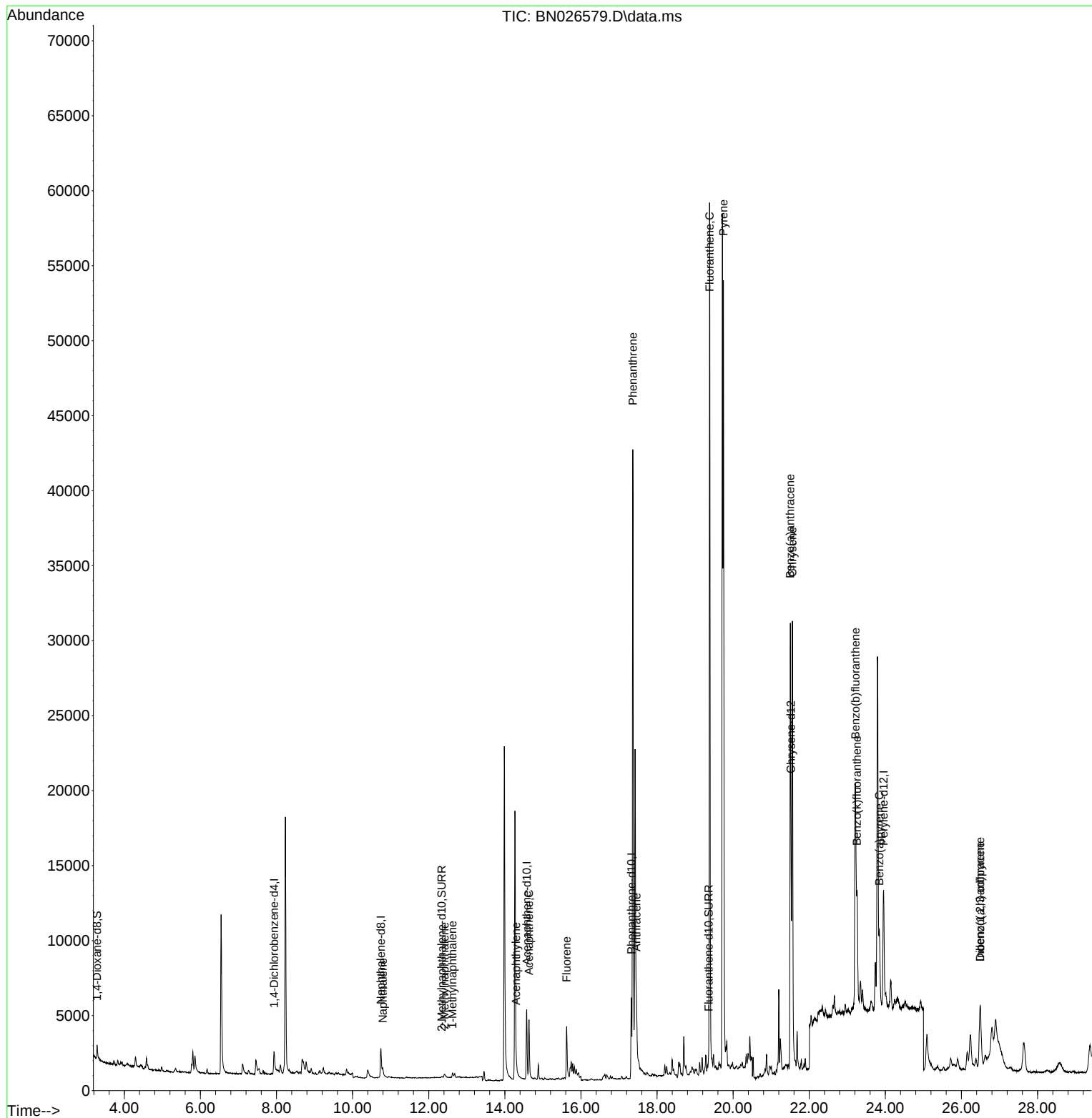
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026579.D
Acq On : 19 Jul 2023 00:48
Operator : MA/JU
Sample : 03458-08DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

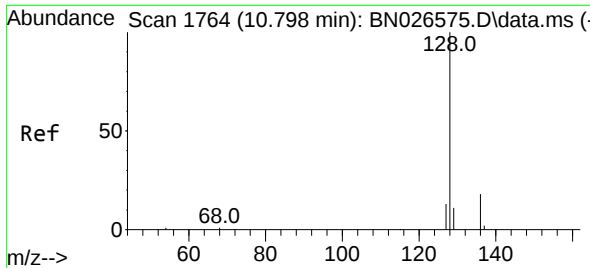
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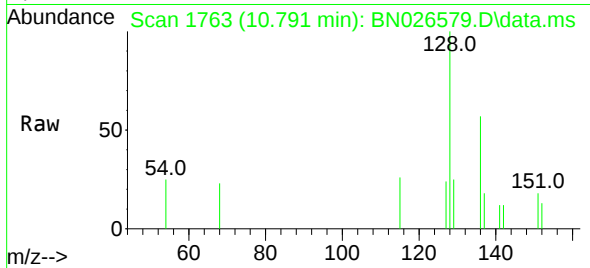
Quant Time: Jul 19 04:52:33 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:52:36 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.083 ng/ul
RT: 10.791 min Scan# 1763
Delta R.T. -0.007 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48

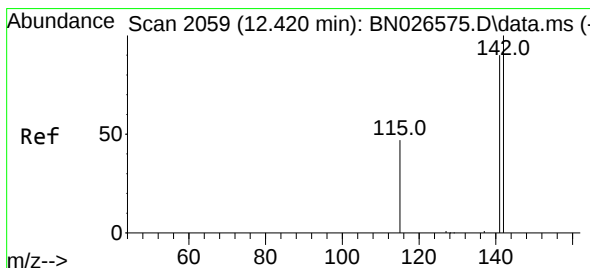
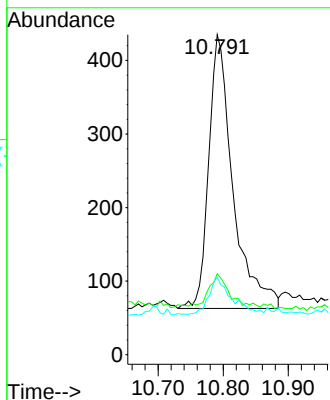
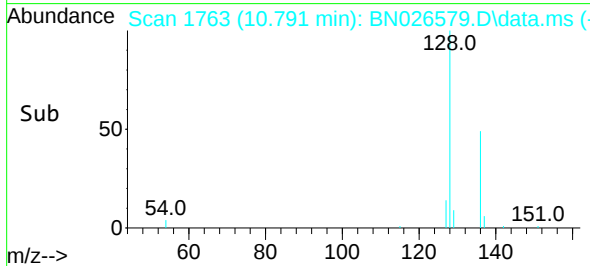
Instrument :
BNA_N
ClientSampleId :
A46M1DL



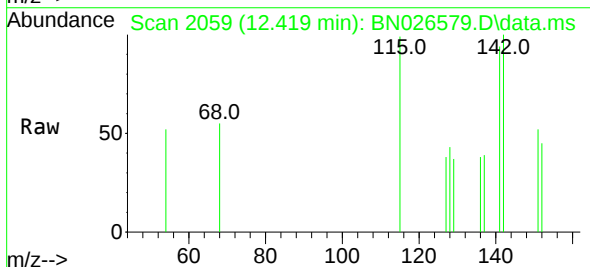
Tgt Ion:128 Resp: 962
Ion Ratio Lower Upper
128 100
129 25.3 10.2 15.2
127 24.1 11.4 17.0

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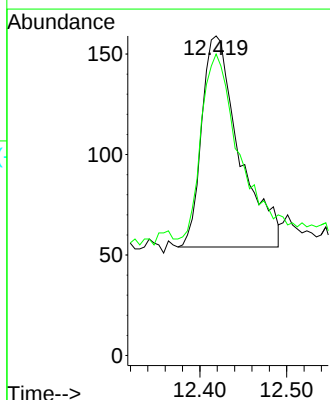
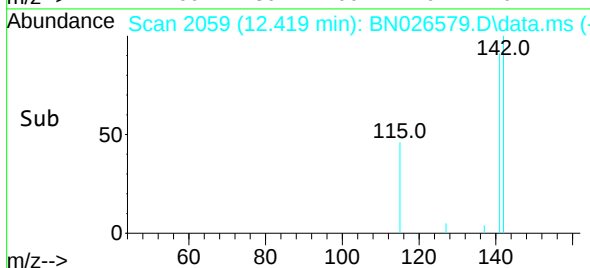
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

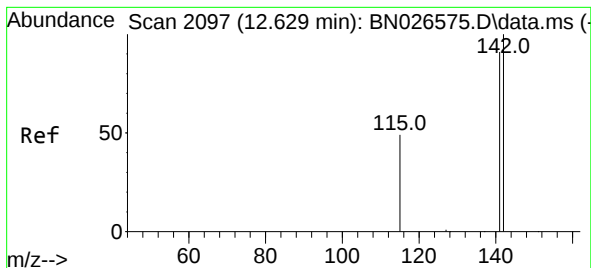


#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.419 min Scan# 2059
Delta R.T. -0.001 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48



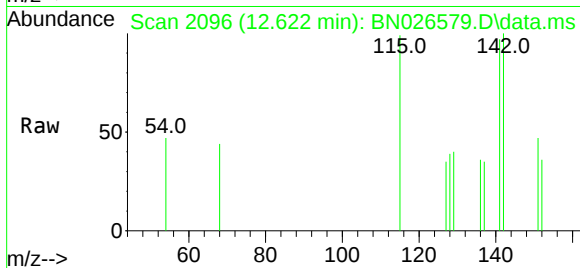
Tgt Ion:142 Resp: 315
Ion Ratio Lower Upper
142 100
141 86.3 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.043 ng/u1
RT: 12.622 min Scan# 2096
Delta R.T. -0.007 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48

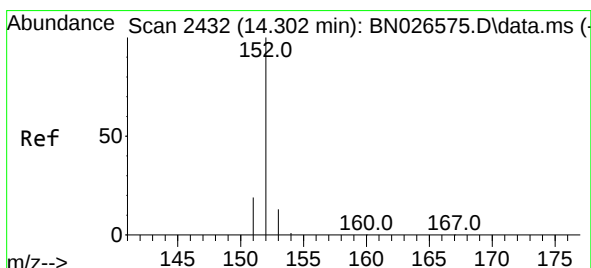
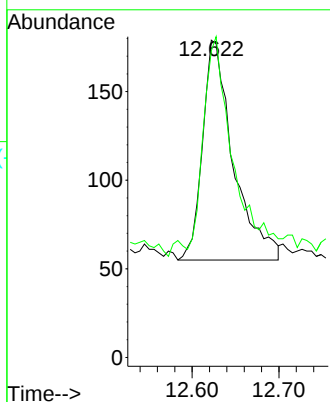
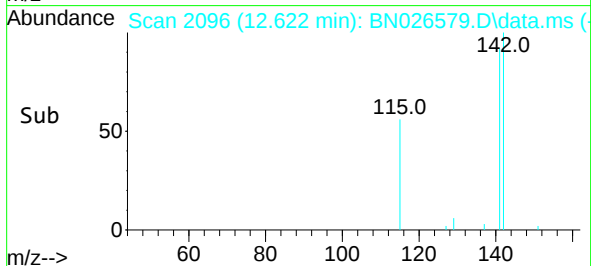
Instrument :
BNA_N
ClientSampleId :
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Ion Ratio Lower Upper
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141 90.2 74.5 111.7

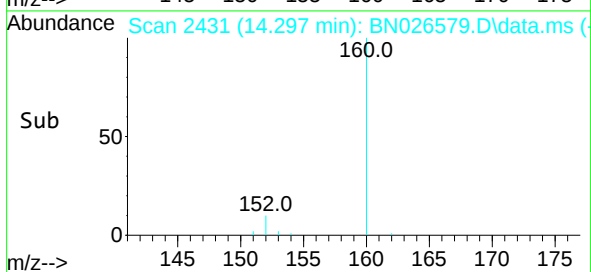
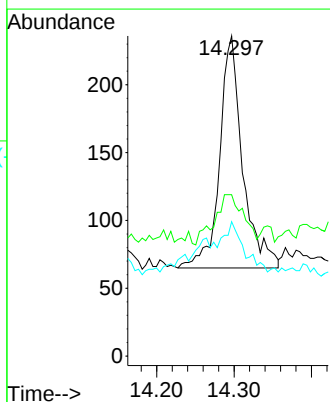
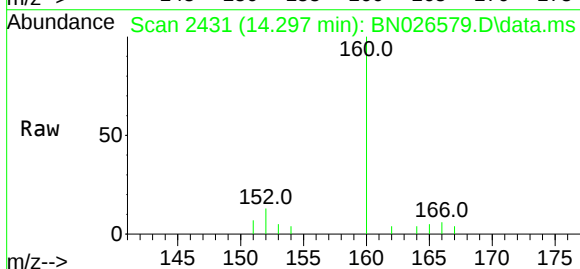
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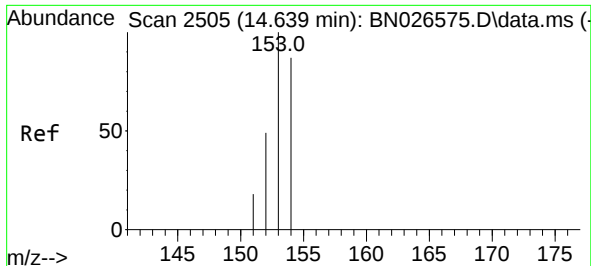
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#10
Acenaphthylene
Concen: 0.024 ng/u1
RT: 14.297 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48

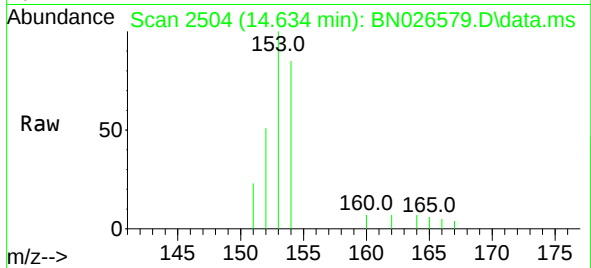
Tgt Ion:152 Resp: 354
Ion Ratio Lower Upper
152 100
151 50.4 17.0 25.6#
153 41.9 11.4 17.2#





#11
Acenaphthene
Concen: 0.243 ng/ul
RT: 14.634 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48

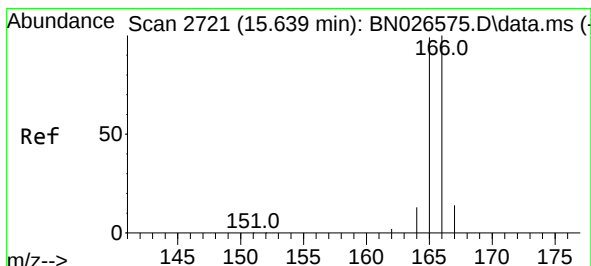
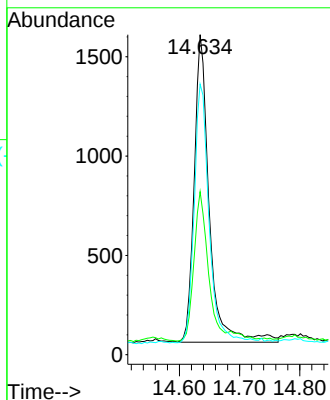
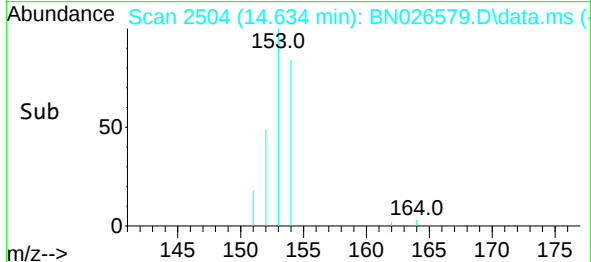
Instrument :
BNA_N
ClientSampleId :
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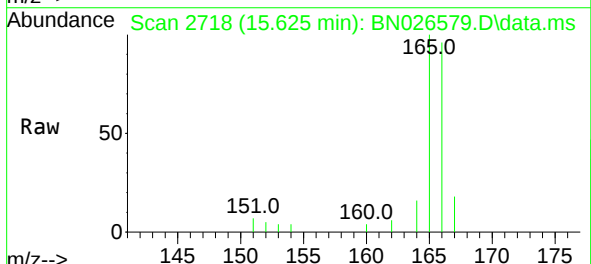
Tgt Ion:153 Resp: 269
Ion Ratio Lower Upper
153 100
152 51.0 40.2 60.4
154 84.5 69.3 103.9

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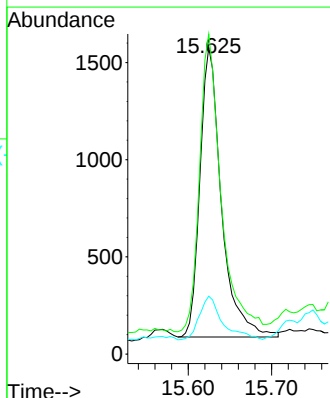
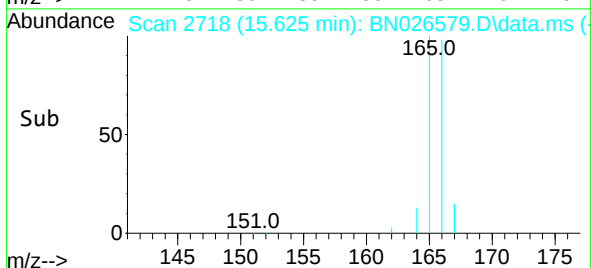
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

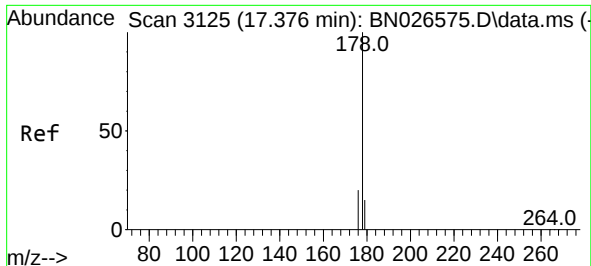


#12
Fluorene
Concen: 0.230 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. -0.014 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48



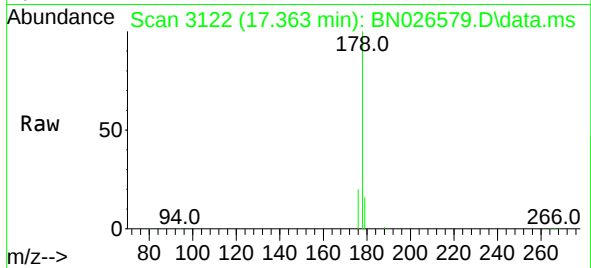
Tgt Ion:166 Resp: 2674
Ion Ratio Lower Upper
166 100
165 104.4 80.6 120.8
167 18.9 12.0 18.0#





#15
Phenanthrene
Concen: 2.067 ng/u1
RT: 17.363 min Scan# 3122
Delta R.T. -0.013 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48

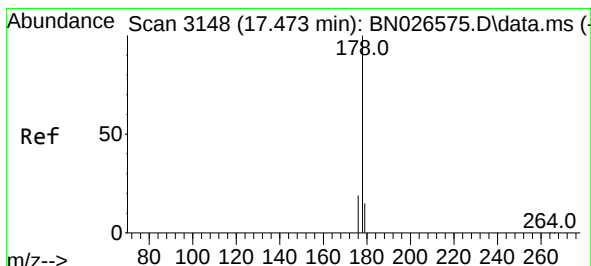
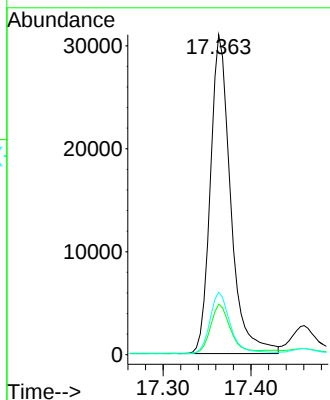
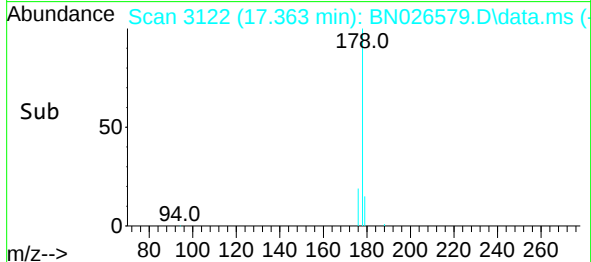
Instrument :
BNA_N
ClientSampleId :
A46M1DL



Tgt Ion:178 Resp: 49592
Ion Ratio Lower Upper
178 100
179 15.8 13.7 20.5
176 19.5 16.5 24.7

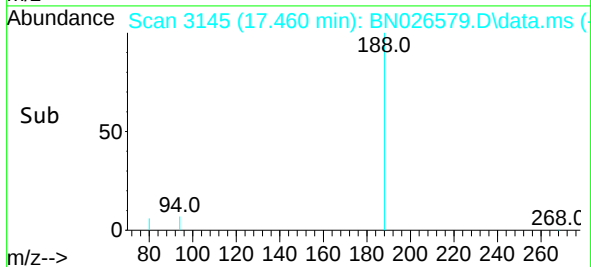
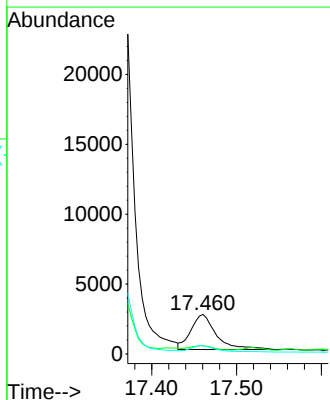
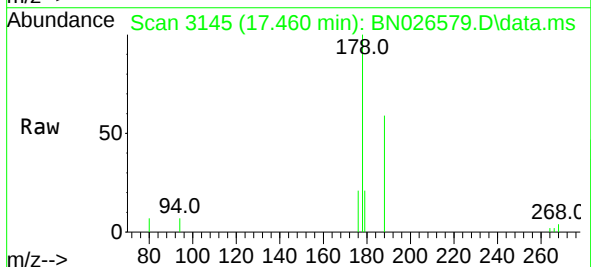
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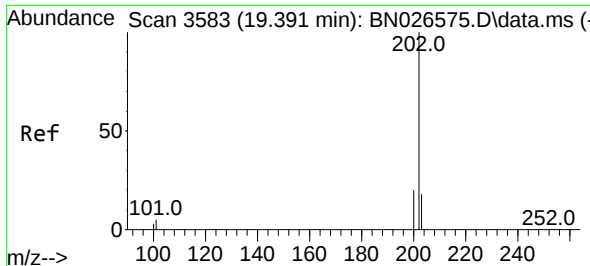
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#16
Anthracene
Concen: 0.247 ng/u1
RT: 17.460 min Scan# 3145
Delta R.T. -0.013 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48

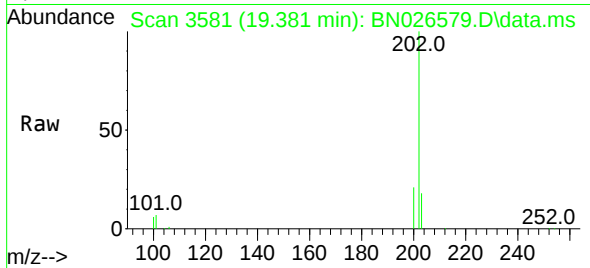
Tgt Ion:178 Resp: 5144
Ion Ratio Lower Upper
178 100
179 20.8 14.8 22.2
176 21.4 16.6 25.0





#19
Fluoranthene
Concen: 1.211 ng/ul
RT: 19.381 min Scan# 3583
Delta R.T. -0.010 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48

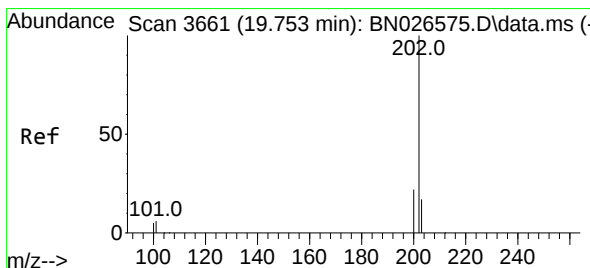
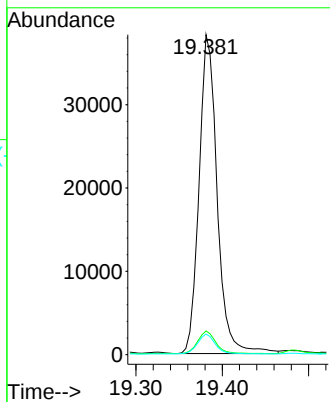
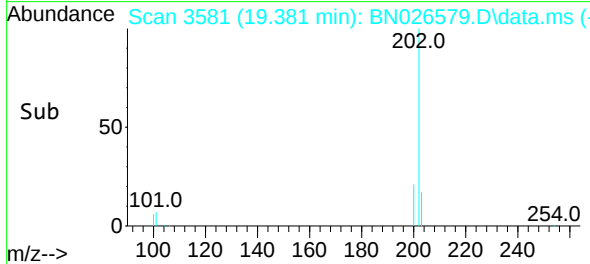
Instrument :
BNA_N
ClientSampleId :
A46M1DL



Tgt Ion:202 Resp: 5583
Ion Ratio Lower Upper
202 100
101 7.4 7.0 10.4
100 6.4 6.0 9.0

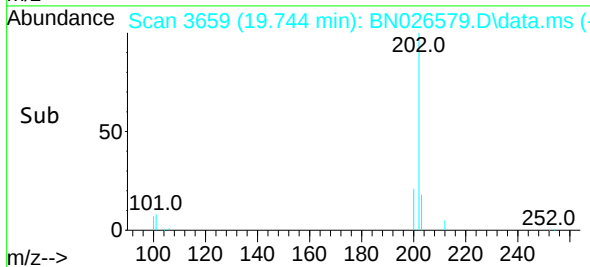
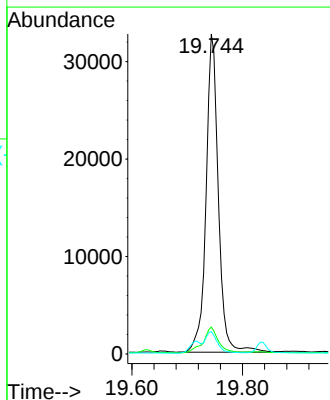
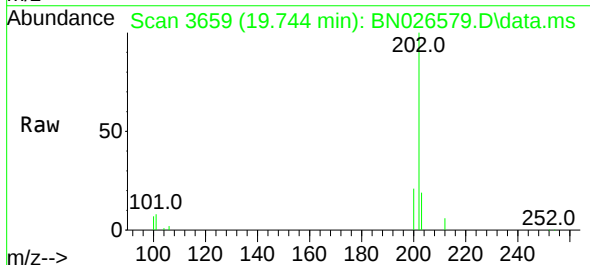
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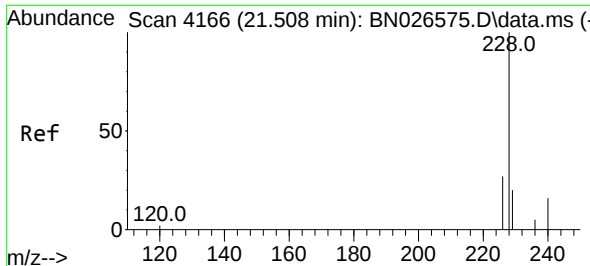
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#20
Pyrene
Concen: 1.011 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.010 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48

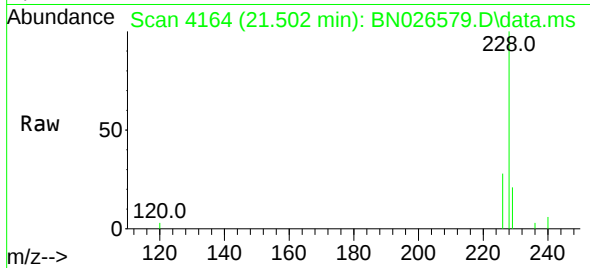
Tgt Ion:202 Resp: 50607
Ion Ratio Lower Upper
202 100
101 8.4 8.0 12.0
100 7.0 6.2 9.2





#21
Benzo(a)anthracene
Concen: 0.759 ng/u1
RT: 21.502 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48

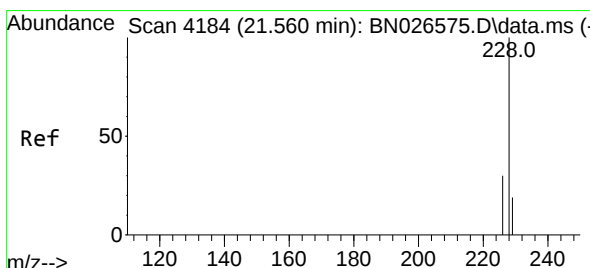
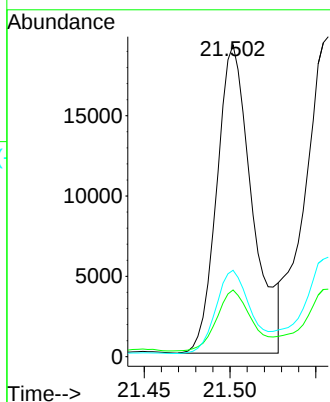
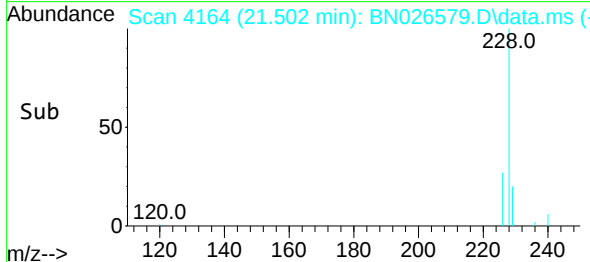
Instrument :
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Tgt Ion:228 Resp: 27440
Ion Ratio Lower Upper
228 100
229 21.4 16.7 25.1
226 27.7 23.5 35.3

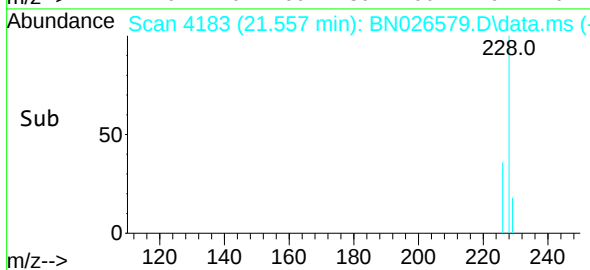
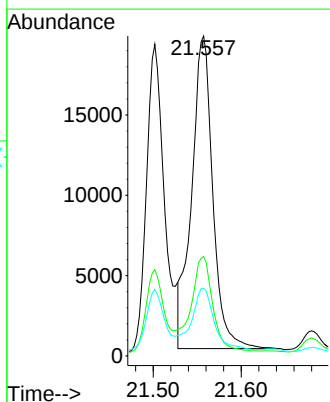
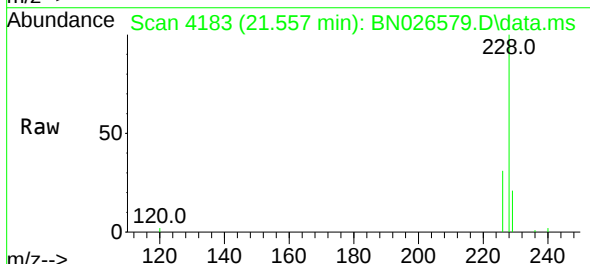
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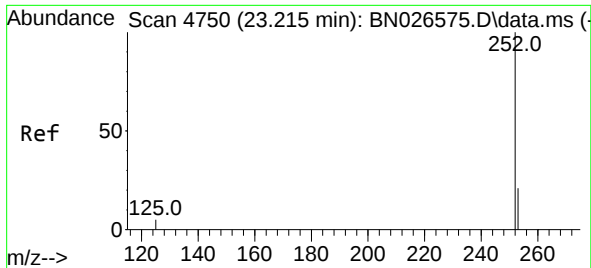
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#22
Chrysene
Concen: 0.792 ng/u1
RT: 21.557 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48

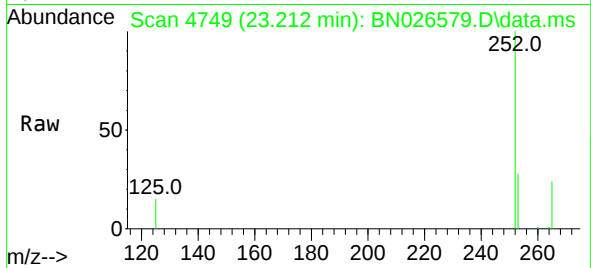
Tgt Ion:228 Resp: 32605
Ion Ratio Lower Upper
228 100
226 31.1 25.2 37.8
229 21.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.658 ng/ul m
RT: 23.212 min Scan# 4750
Delta R.T. -0.003 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48

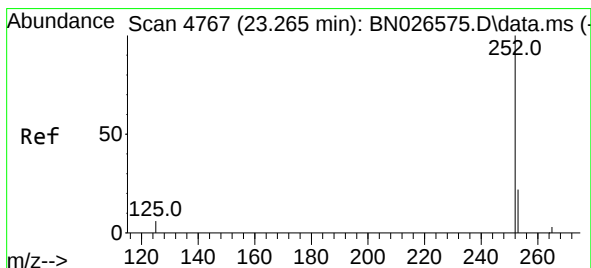
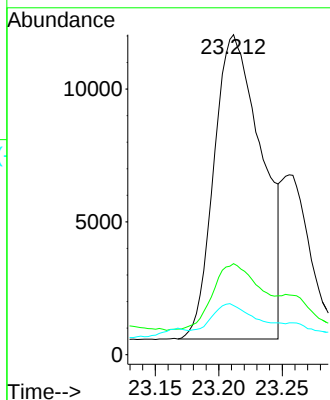
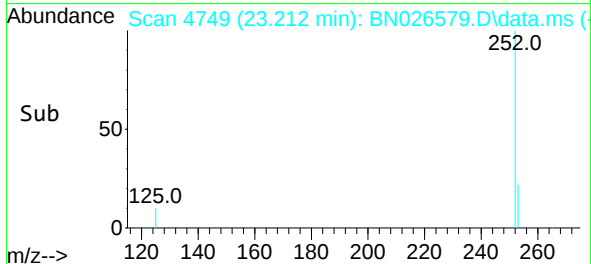
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 29929
Ion Ratio Lower Upper
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253 28.5 0.0 68.6
125 15.3 0.0 34.0

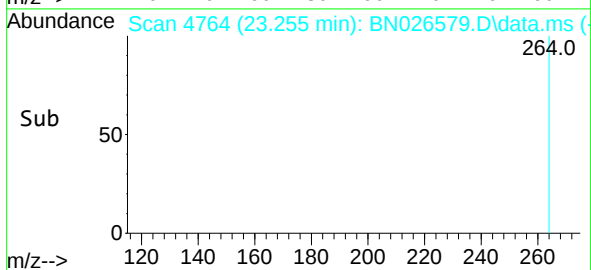
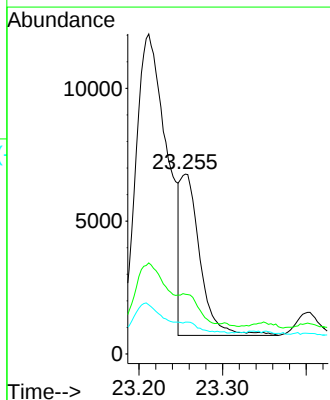
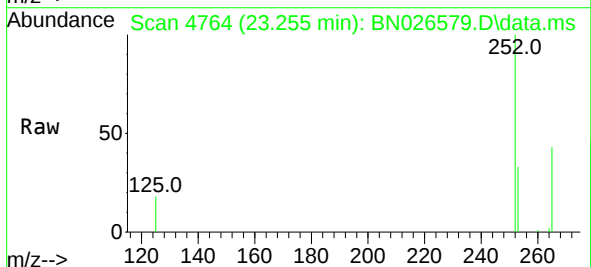
Manual Integrations
APPROVED

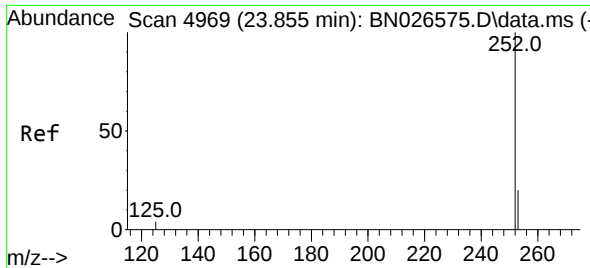
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#25
Benzo(k)fluoranthene
Concen: 0.211 ng/ul m
RT: 23.255 min Scan# 4764
Delta R.T. -0.009 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48

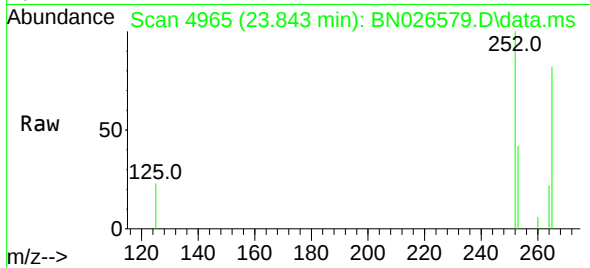
Tgt Ion:252 Resp: 10052
Ion Ratio Lower Upper
252 100
253 33.2 27.2 40.8
125 17.7 13.4 20.2





#26
Benzo(a)pyrene
Concen: 0.182 ng/ul
RT: 23.843 min Scan# 4965
Delta R.T. -0.012 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48

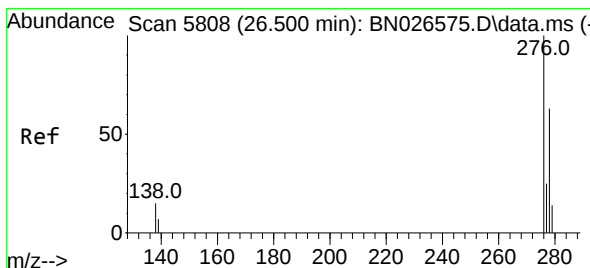
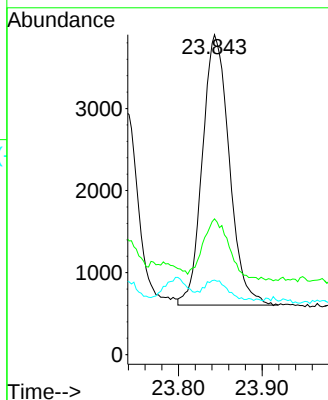
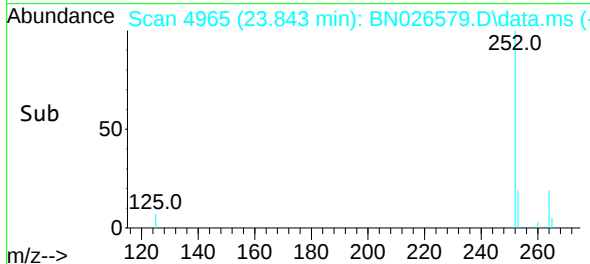
Instrument :
BNA_N
ClientSampleId :
A46M1DL



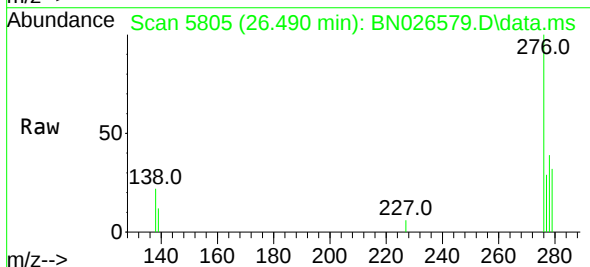
Tgt Ion:252 Resp: 7345
Ion Ratio Lower Upper
252 100
253 42.4 32.6 49.0
125 23.3 19.3 28.9

Manual Integrations
APPROVED

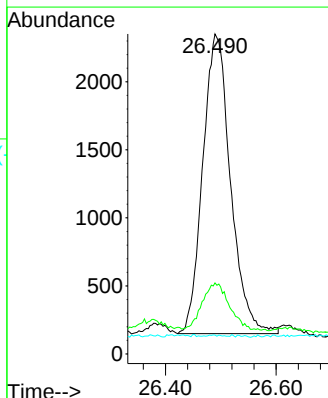
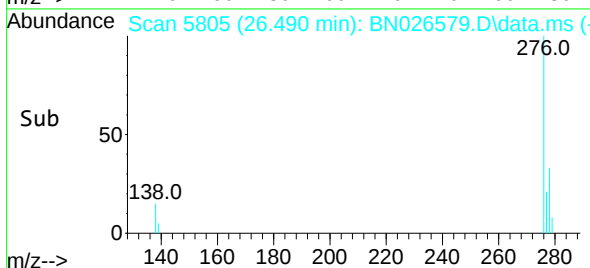
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

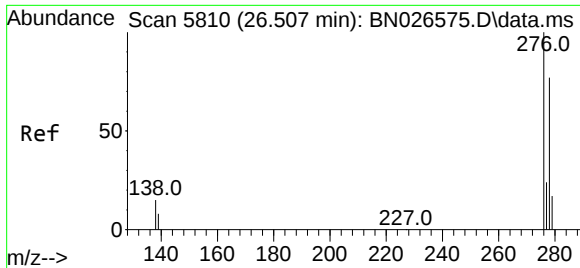


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.145 ng/ul
RT: 26.490 min Scan# 5805
Delta R.T. -0.010 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48



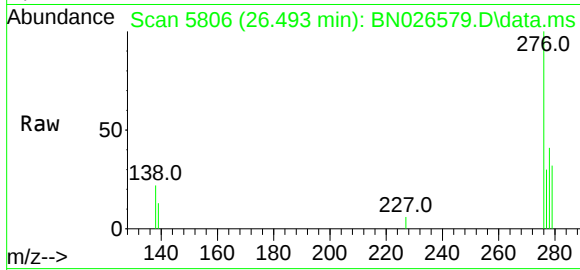
Tgt Ion:276 Resp: 7686
Ion Ratio Lower Upper
276 100
138 15.9 22.2 33.4#
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.079 ng/ul
RT: 26.493 min Scan# 5806
Delta R.T. -0.014 min
Lab File: BN026579.D
Acq: 19 Jul 2023 00:48

Instrument :
BNA_N
ClientSampleId :
A46M1DL



Tgt Ion:278 Resp: 3200
Ion Ratio Lower Upper
278 100
139 32.2 18.9 28.3
279 77.0 31.3 46.9

Manual Integrations
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Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

