

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026721.D
 Acq On : 24 Jul 2023 19:35
 Operator : MA/JU
 Sample : 03504-17DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46S3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 24 22:01:47 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 : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	3539	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	12272	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.467	164	7172	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	14076	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.408	240	8423	0.400	ng/ul	0.00
23) Perylene-d12	23.778	264	9646	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	1546	0.332	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	891	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	1655	0.057	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.674	128	4989	0.148	ng/ul	97
7) 2-Methylnaphthalene	12.297	142	1734	0.091	ng/ul	100
8) 1-Methylnaphthalene	12.511	142	1517	0.074	ng/ul	100
10) Acenaphthylene	14.185	152	6348	0.181	ng/ul	98
11) Acenaphthene	14.527	153	5744	0.215	ng/ul	99
12) Fluorene	15.517	166	6395	0.228	ng/ul	99
15) Phenanthrene	17.253	178	94502	2.108	ng/ul	98
16) Anthracene	17.346	178	20516	0.527	ng/ul	98
19) Fluoranthene	19.274	202	127539	3.230	ng/ul	99
20) Pyrene	19.641	202	29775	0.694	ng/ul	97
21) Benzo(a)anthracene	21.390	228	52630	1.700	ng/ul	98
22) Chrysene	21.443	228	40274	1.143	ng/ul	96
24) Benzo(b)fluoranthene	23.059	252	42111m	1.121	ng/ul	
25) Benzo(k)fluoranthene	23.100	252	20791m	0.528	ng/ul	
26) Benzo(a)pyrene	23.673	252	3605	0.108	ng/ul#	39
27) Indeno(1,2,3-cd)pyrene	26.234	276	5374	0.123	ng/ul#	47
28) Dibenzo(a,h)anthracene	26.240	278	5898	0.175	ng/ul#	70

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

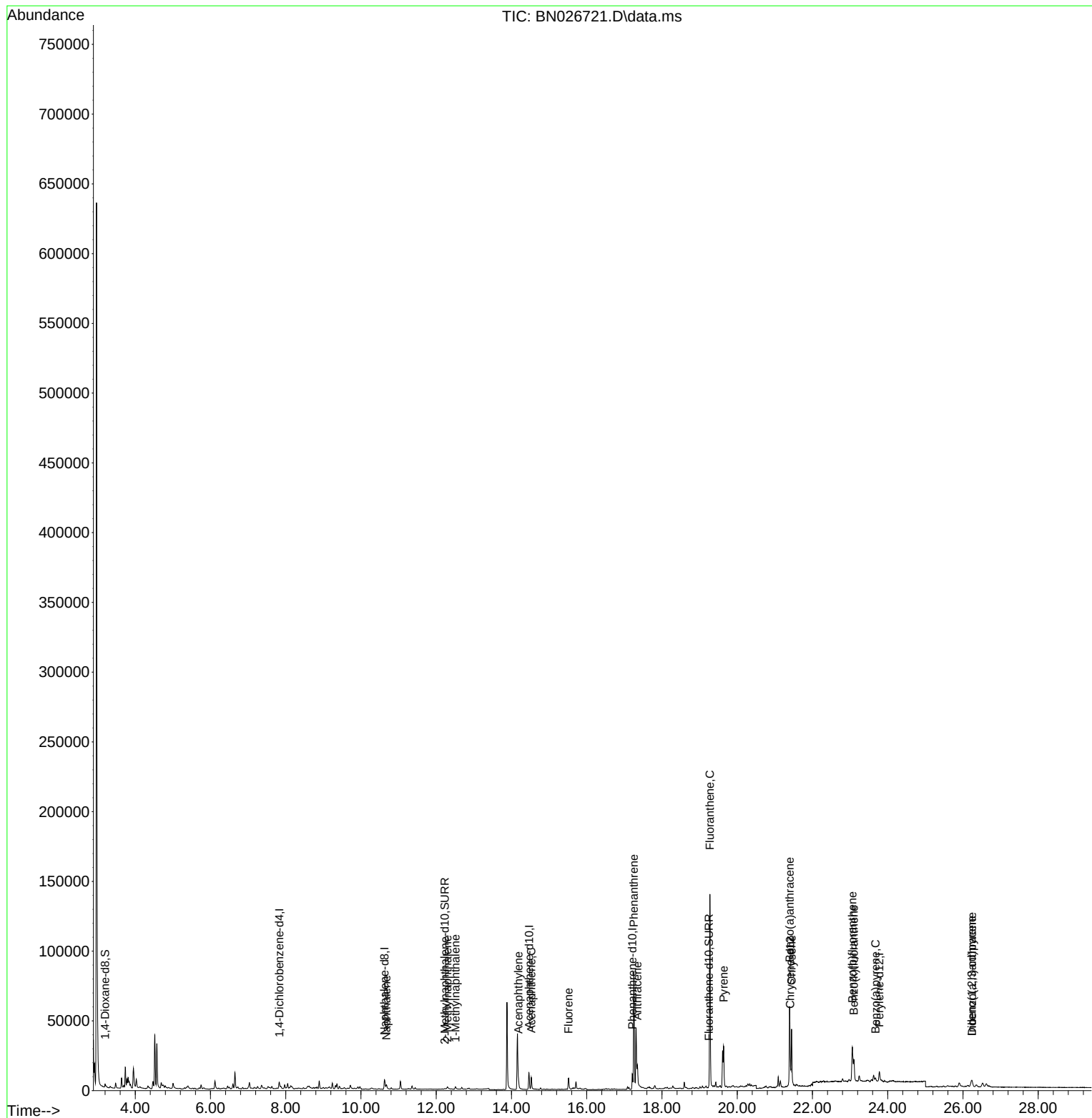
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026721.D
Acq On : 24 Jul 2023 19:35
Operator : MA/JU
Sample : 03504-17DL 5X
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ALS Vial : 56 Sample Multiplier: 1

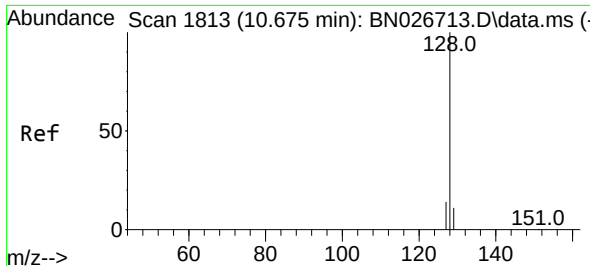
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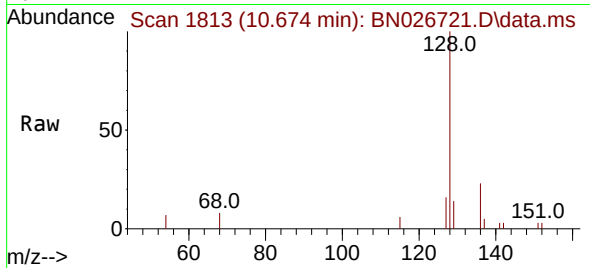
Quant Time: Jul 24 22:01:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.148 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN026721.D
Acq: 24 Jul 2023 19:35

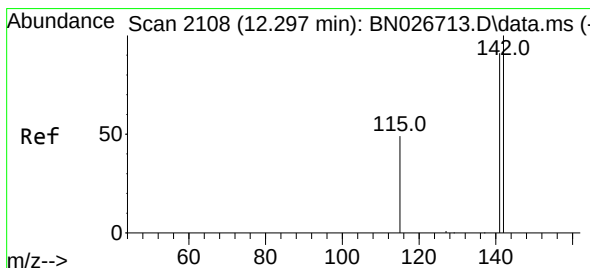
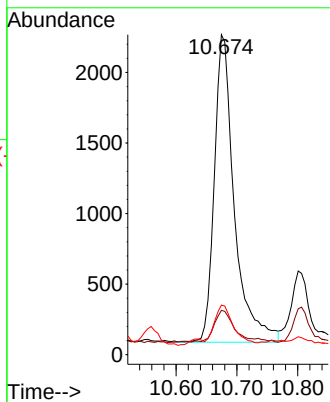
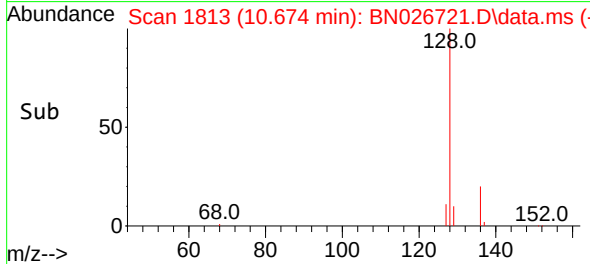
Instrument :
BNA_N
ClientSampleId :
A46S3DL



Tgt Ion:128 Resp: 4989
Ion Ratio Lower Upper
128 100
129 13.8 10.2 15.2
127 15.5 11.4 17.0

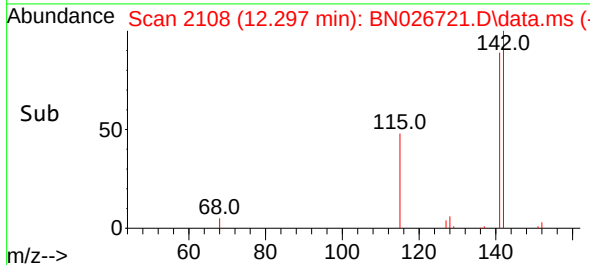
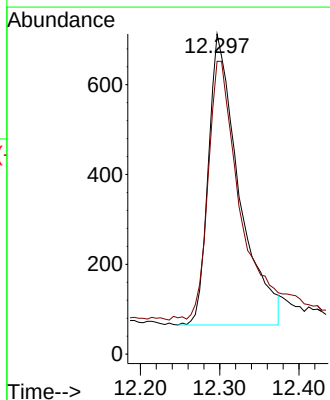
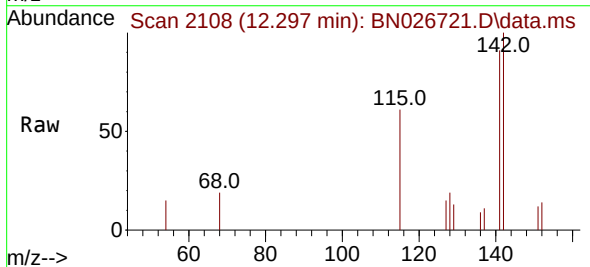
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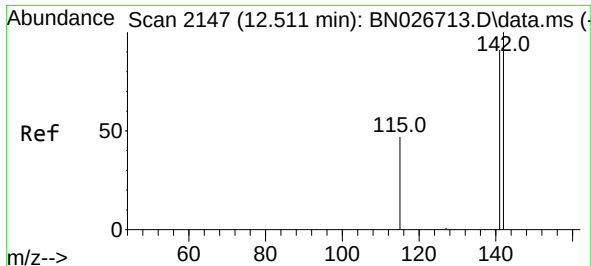
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.297 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BN026721.D
Acq: 24 Jul 2023 19:35

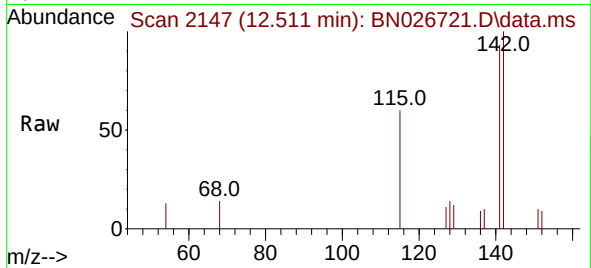
Tgt Ion:142 Resp: 1734
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BN026721.D
Acq: 24 Jul 2023 19:35

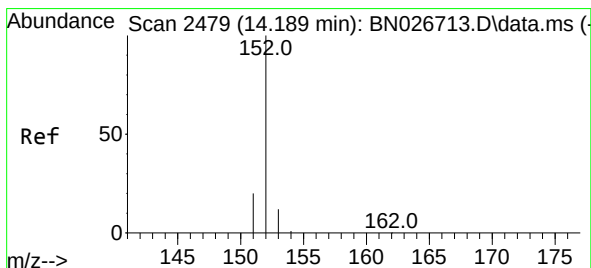
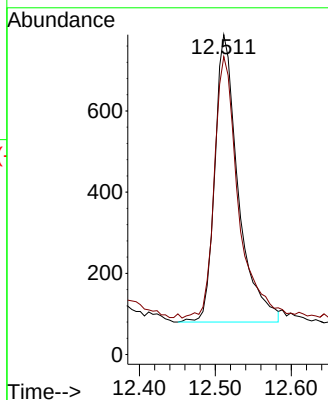
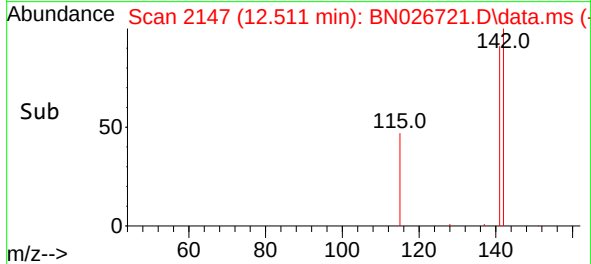
Instrument :
BNA_N
ClientSampleId :
A46S3DL



Tgt Ion:142 Resp: 151
Ion Ratio Lower Upper
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141 92.7 74.5 111.7

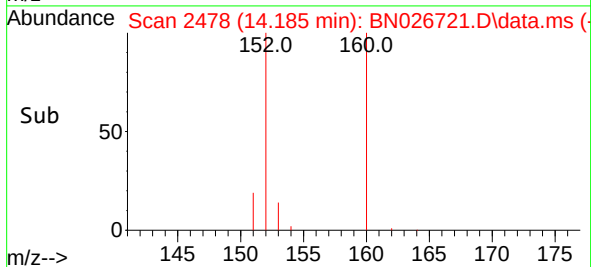
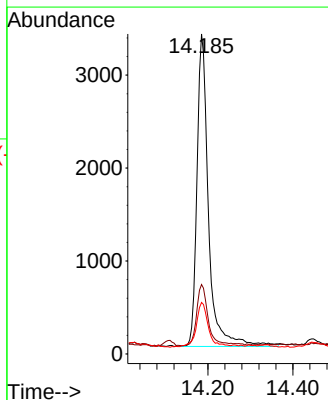
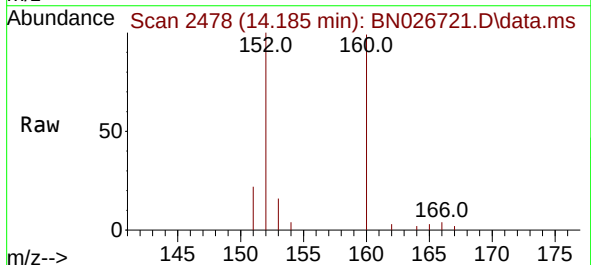
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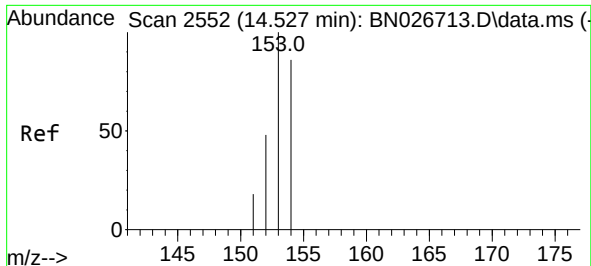
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.181 ng/ul
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026721.D
Acq: 24 Jul 2023 19:35

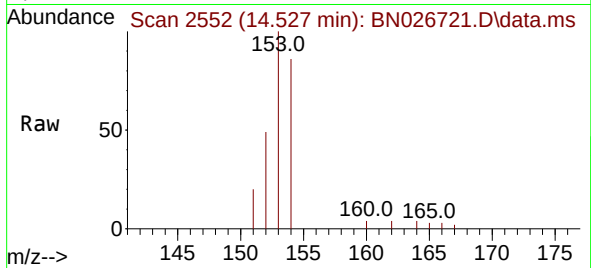
Tgt Ion:152 Resp: 6348
Ion Ratio Lower Upper
152 100
151 21.7 17.0 25.6
153 16.1 11.4 17.2





#11
Acenaphthene
Concen: 0.215 ng/ul
RT: 14.527 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BN026721.D
Acq: 24 Jul 2023 19:35

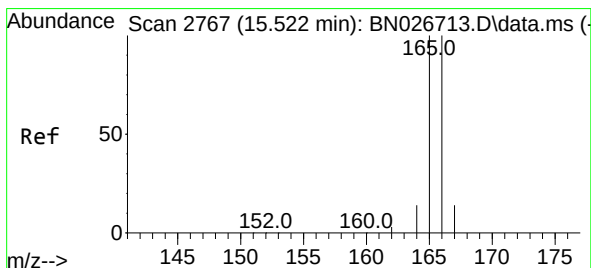
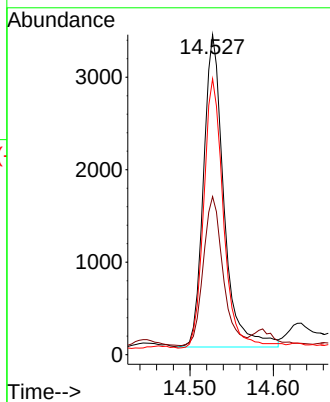
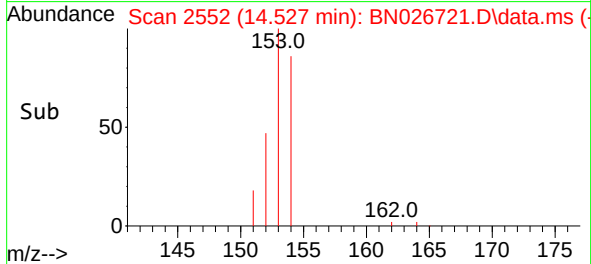
Instrument :
BNA_N
ClientSampleId :
A46S3DL



Tgt Ion:153 Resp: 5744
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 86.2 69.3 103.9

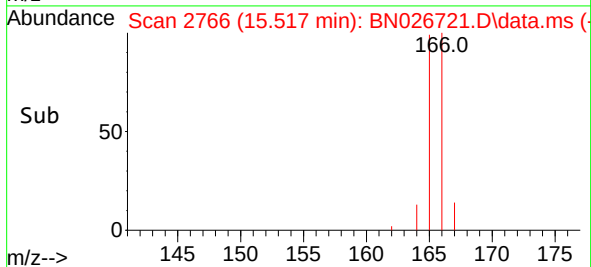
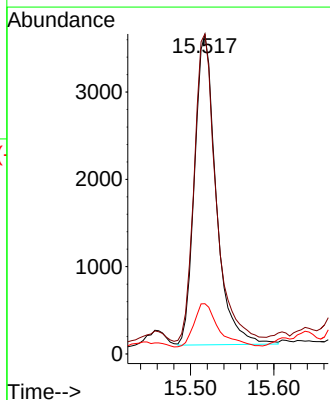
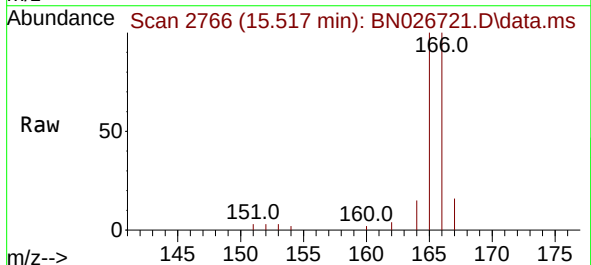
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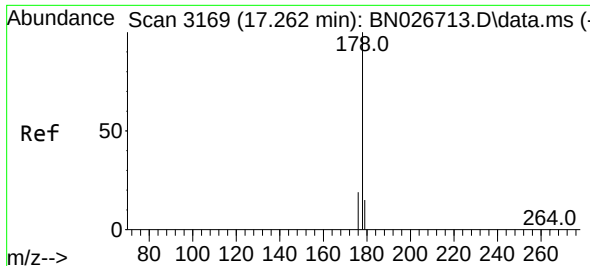
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.228 ng/ul
RT: 15.517 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BN026721.D
Acq: 24 Jul 2023 19:35

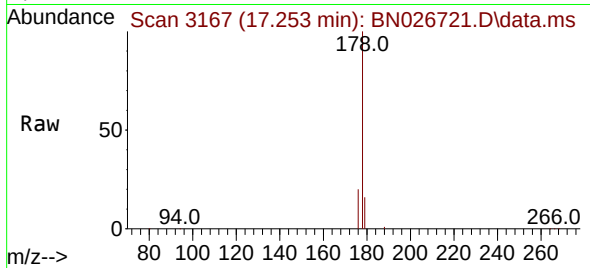
Tgt Ion:166 Resp: 6395
Ion Ratio Lower Upper
166 100
165 100.2 80.6 120.8
167 15.7 12.0 18.0





#15
Phenanthrene
Concen: 2.108 ng/u1
RT: 17.253 min Scan# 3169
Delta R.T. -0.004 min
Lab File: BN026721.D
Acq: 24 Jul 2023 19:35

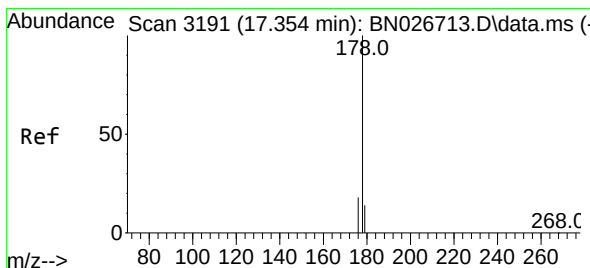
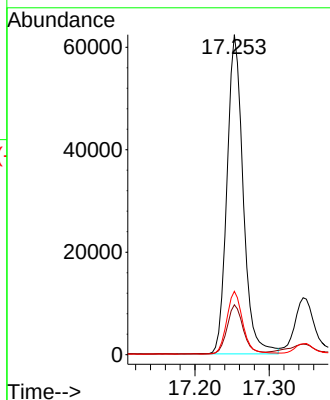
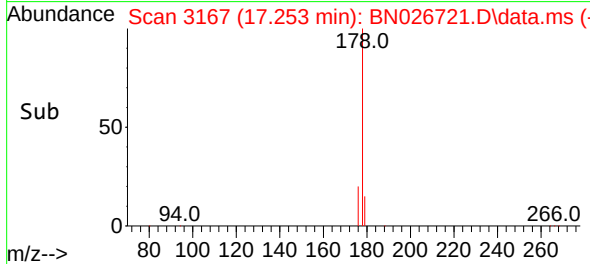
Instrument :
BNA_N
ClientSampleId :
A46S3DL



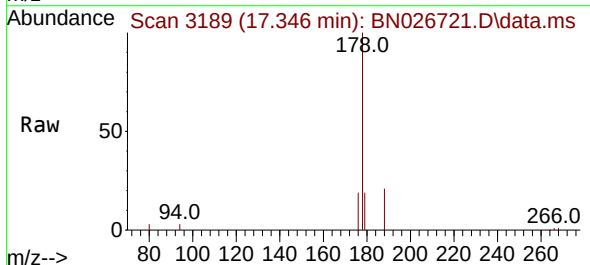
Tgt Ion:178 Resp: 94502
Ion Ratio Lower Upper
178 100
179 15.6 13.7 20.5
176 19.8 16.5 24.7

Manual Integrations
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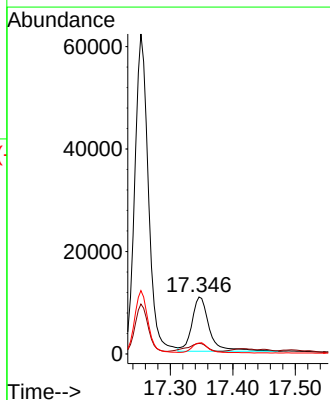
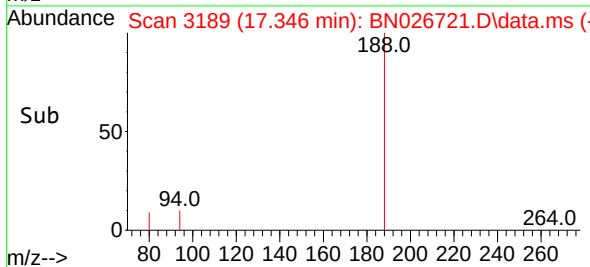
Reviewed By :Yogesh Patel 07/24/2023
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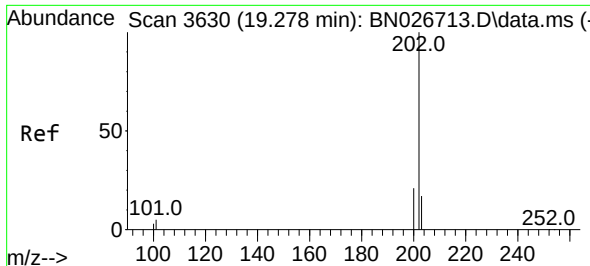


#16
Anthracene
Concen: 0.527 ng/u1
RT: 17.346 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BN026721.D
Acq: 24 Jul 2023 19:35



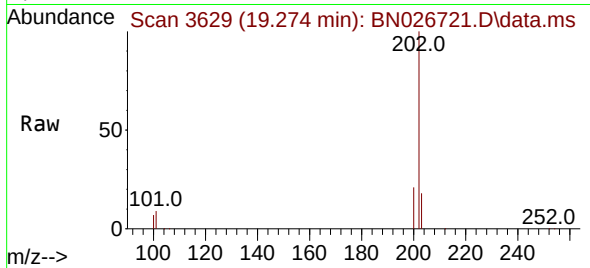
Tgt Ion:178 Resp: 20516
Ion Ratio Lower Upper
178 100
179 18.6 14.8 22.2
176 19.2 16.6 25.0





#19
Fluoranthene
Concen: 3.230 ng/u1
RT: 19.274 min Scan# 3629
Delta R.T. -0.005 min
Lab File: BN026721.D
Acq: 24 Jul 2023 19:35

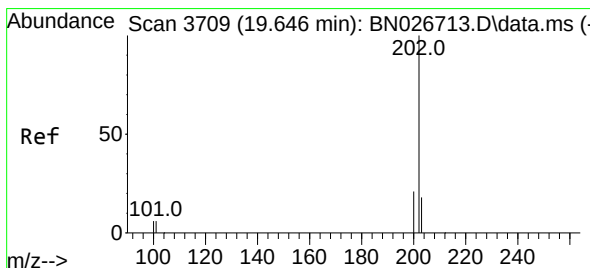
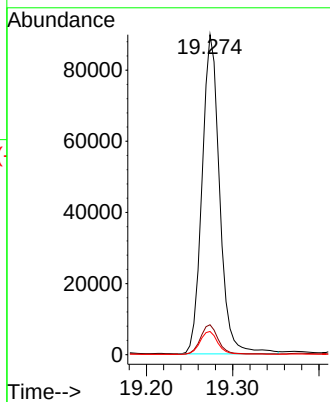
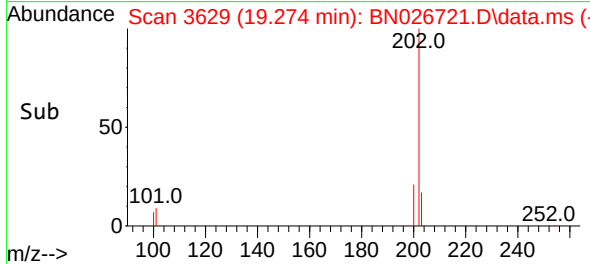
Instrument :
BNA_N
ClientSampleId :
A46S3DL



Tgt Ion:202 Resp: 127539
Ion Ratio Lower Upper
202 100
101 9.4 7.0 10.4
100 7.3 6.0 9.0

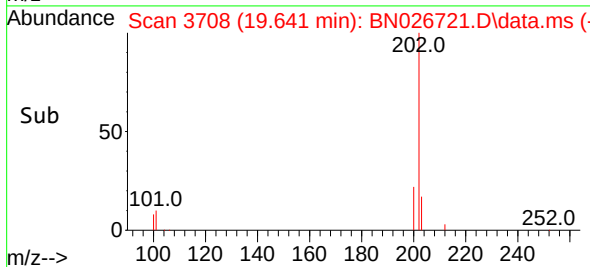
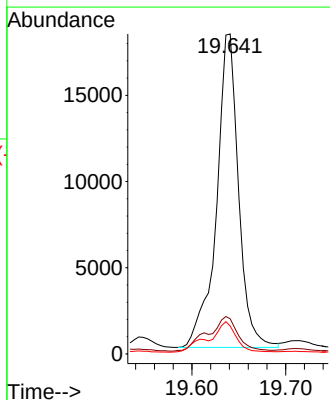
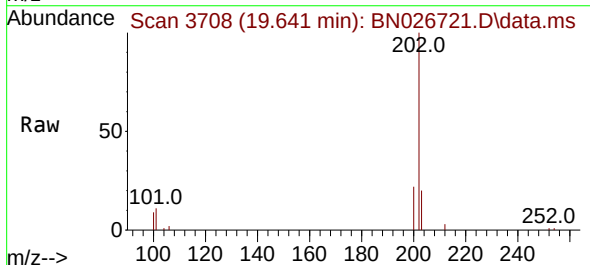
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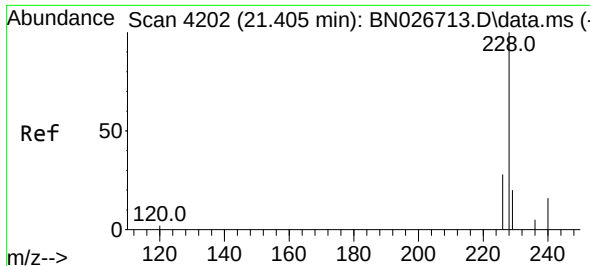
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 0.694 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026721.D
Acq: 24 Jul 2023 19:35

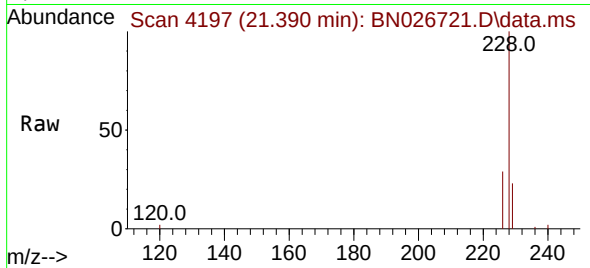
Tgt Ion:202 Resp: 29775
Ion Ratio Lower Upper
202 100
101 11.0 8.0 12.0
100 8.7 6.2 9.2





#21
Benzo(a)anthracene
Concen: 1.700 ng/u1
RT: 21.390 min Scan# 4119
Delta R.T. -0.012 min
Lab File: BN026721.D
Acq: 24 Jul 2023 19:35

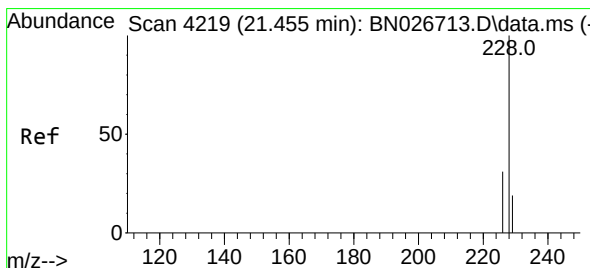
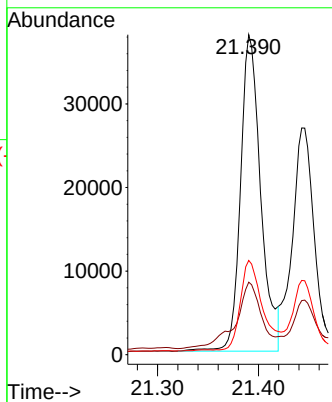
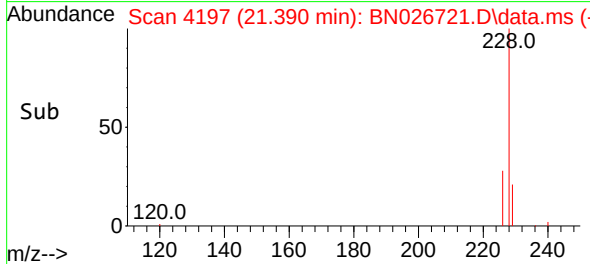
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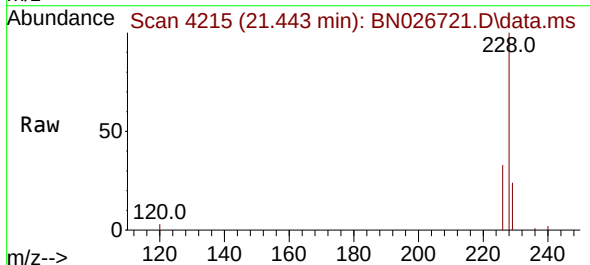
Tgt Ion:228 Resp: 52630
Ion Ratio Lower Upper
228 100
229 22.7 16.7 25.1
226 29.5 23.5 35.3

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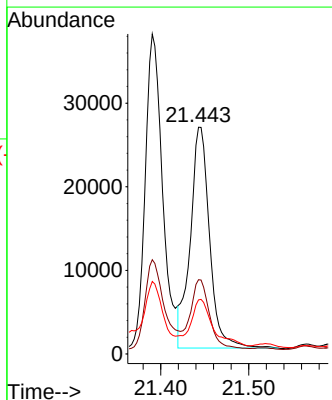
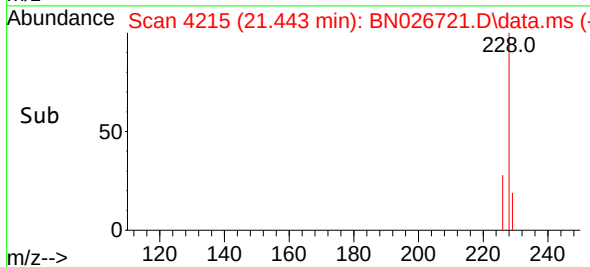
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Supervised By :mohammad ahmed 07/24/2023

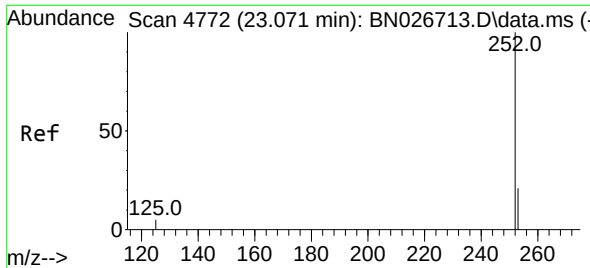


#22
Chrysene
Concen: 1.143 ng/u1
RT: 21.443 min Scan# 4215
Delta R.T. -0.012 min
Lab File: BN026721.D
Acq: 24 Jul 2023 19:35



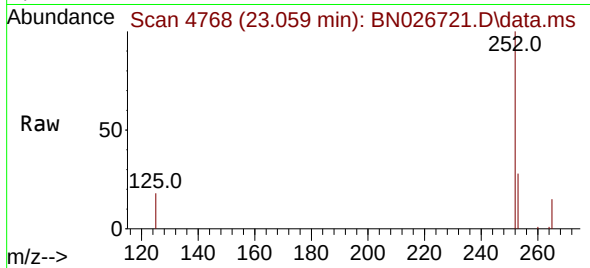
Tgt Ion:228 Resp: 40274
Ion Ratio Lower Upper
228 100
226 32.8 25.2 37.8
229 23.9 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.121 ng/ul m
RT: 23.059 min Scan# 4768
Delta R.T. -0.009 min
Lab File: BN026721.D
Acq: 24 Jul 2023 19:35

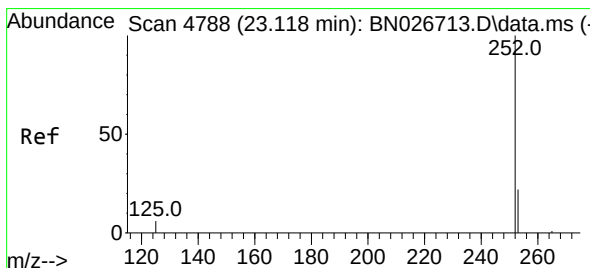
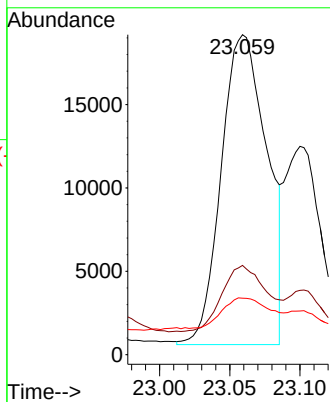
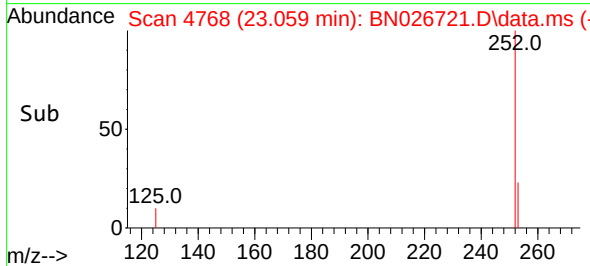
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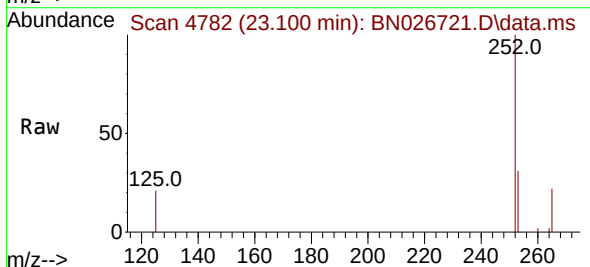
Tgt Ion:252 Resp: 42111
Ion Ratio Lower Upper
252 100
253 27.9 0.0 68.6
125 17.7 0.0 34.0

Manual Integrations
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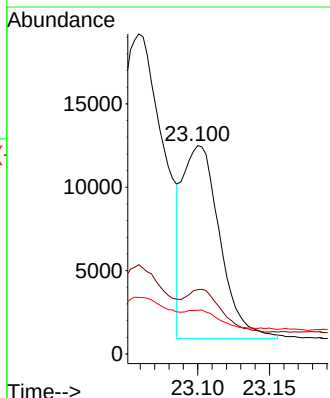
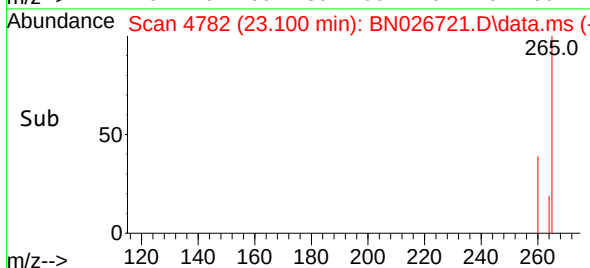
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

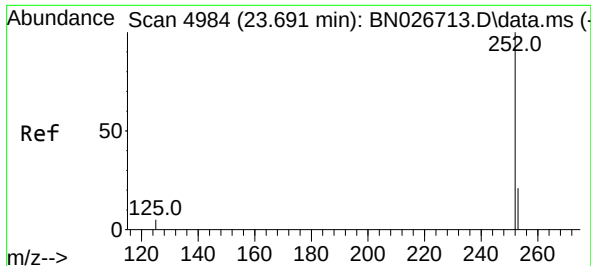


#25
Benzo(k)fluoranthene
Concen: 0.528 ng/ul m
RT: 23.100 min Scan# 4782
Delta R.T. -0.015 min
Lab File: BN026721.D
Acq: 24 Jul 2023 19:35



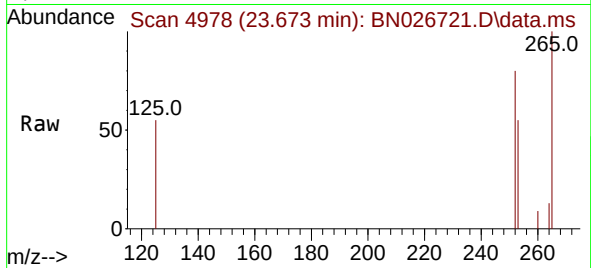
Tgt Ion:252 Resp: 20791
Ion Ratio Lower Upper
252 100
253 30.9 27.2 40.8
125 21.0 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.108 ng/ul
RT: 23.673 min Scan# 4978
Delta R.T. -0.012 min
Lab File: BN026721.D
Acq: 24 Jul 2023 19:35

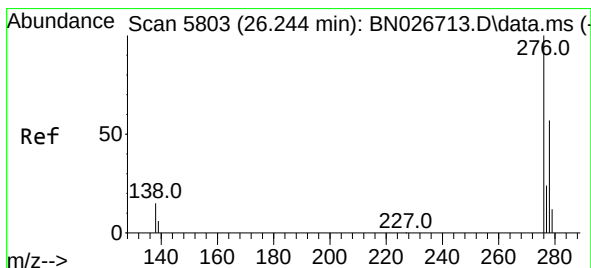
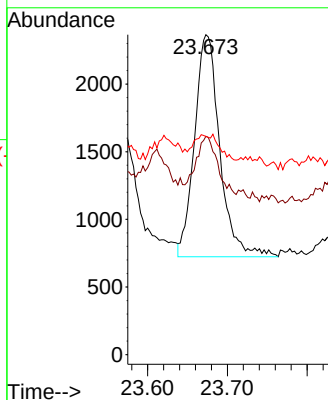
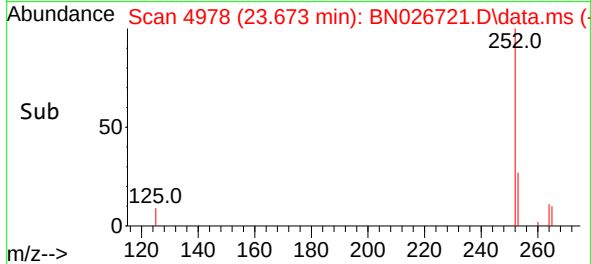
Instrument :
BNA_N
ClientSampleId :
A46S3DL



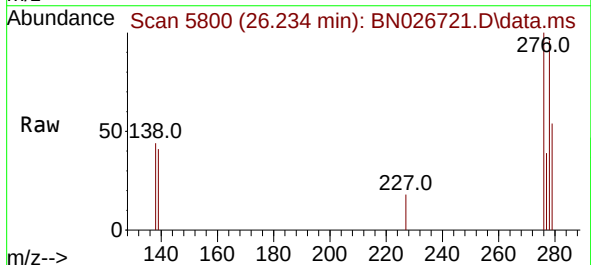
Tgt Ion:252 Resp: 360
Ion Ratio Lower Upper
252 100
253 68.2 32.6 49.0#
125 68.2 19.3 28.9#

Manual Integrations
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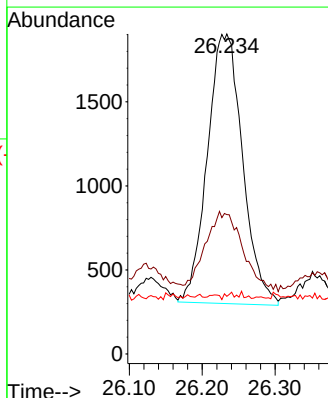
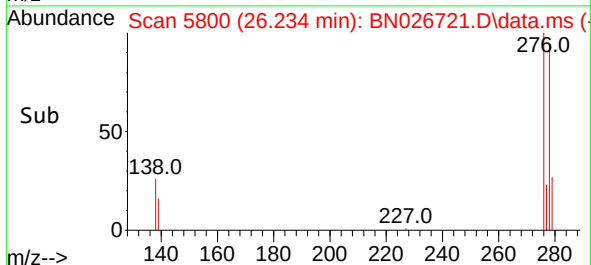
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

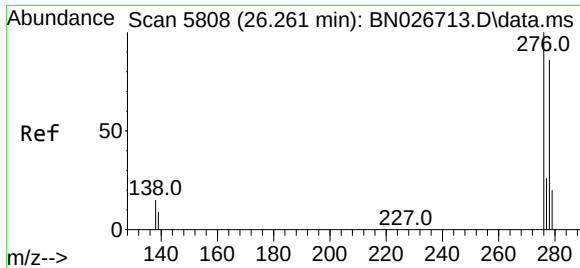


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.123 ng/ul
RT: 26.234 min Scan# 5800
Delta R.T. -0.017 min
Lab File: BN026721.D
Acq: 24 Jul 2023 19:35



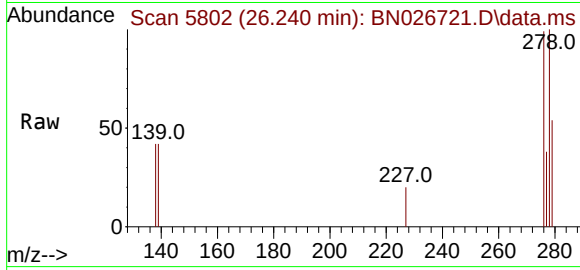
Tgt Ion:276 Resp: 5374
Ion Ratio Lower Upper
276 100
138 0.0 22.2 33.4#
227 0.7 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.175 ng/ul
 RT: 26.240 min Scan# 51
 Delta R.T. -0.017 min
 Lab File: BN026721.D
 Acq: 24 Jul 2023 19:35

Instrument :
 BNA_N
 ClientSampleId :
 A46S3DL



Tgt Ion:	278	Resp:	589
Ion Ratio	Lower	Upper	
278	100		
139	42.4	18.9	28.3
279	54.1	31.3	46.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

