

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026702.D
 Acq On : 24 Jul 2023 07:39
 Operator : MA/JU
 Sample : 03504-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46S8

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 08:08:55 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	7.819	152	3697	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.619	136	10624	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.462	164	6963	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.210	188	19318	0.400	ng/ul	0.00
17) Chrysene-d12	21.410	240	11203	0.400	ng/ul	# 0.00
23) Perylene-d12	23.778	264	13072	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.195	96	9778	2.008	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.214	152	5654	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.245	212	12318	0.317	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.669	128	21520	0.738	ng/ul	99
7) 2-Methylnaphthalene	12.286	142	10996	0.664	ng/ul	100
8) 1-Methylnaphthalene	12.506	142	9975	0.563	ng/ul	99
10) Acenaphthylene	14.185	152	35570	1.043	ng/ul	99
11) Acenaphthene	14.522	153	45651	1.757	ng/ul	99
12) Fluorene	15.513	166	55308	2.029	ng/ul	99
15) Phenanthrene	17.253	178	1104055	17.945	ng/ul	97
16) Anthracene	17.345	178	134091	2.512	ng/ul	95
19) Fluoranthene	19.278	202	1667498	31.754	ng/ul#	92
20) Pyrene	19.640	202	739281	12.963	ng/ul#	93
21) Benzo(a)anthracene	21.393	228	583886	14.183	ng/ul	99
22) Chrysene	21.445	228	580300	12.383	ng/ul	98
24) Benzo(b)fluoranthene	23.059	252	690080m	13.550	ng/ul	
25) Benzo(k)fluoranthene	23.102	252	249649m	4.677	ng/ul	
26) Benzo(a)pyrene	23.673	252	84749	1.870	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.227	276	149820	2.521	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.230	278	83683m	1.835	ng/ul	
29) Benzo(g,h,i)perylene	26.991	276	6365	0.121	ng/ul#	70

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

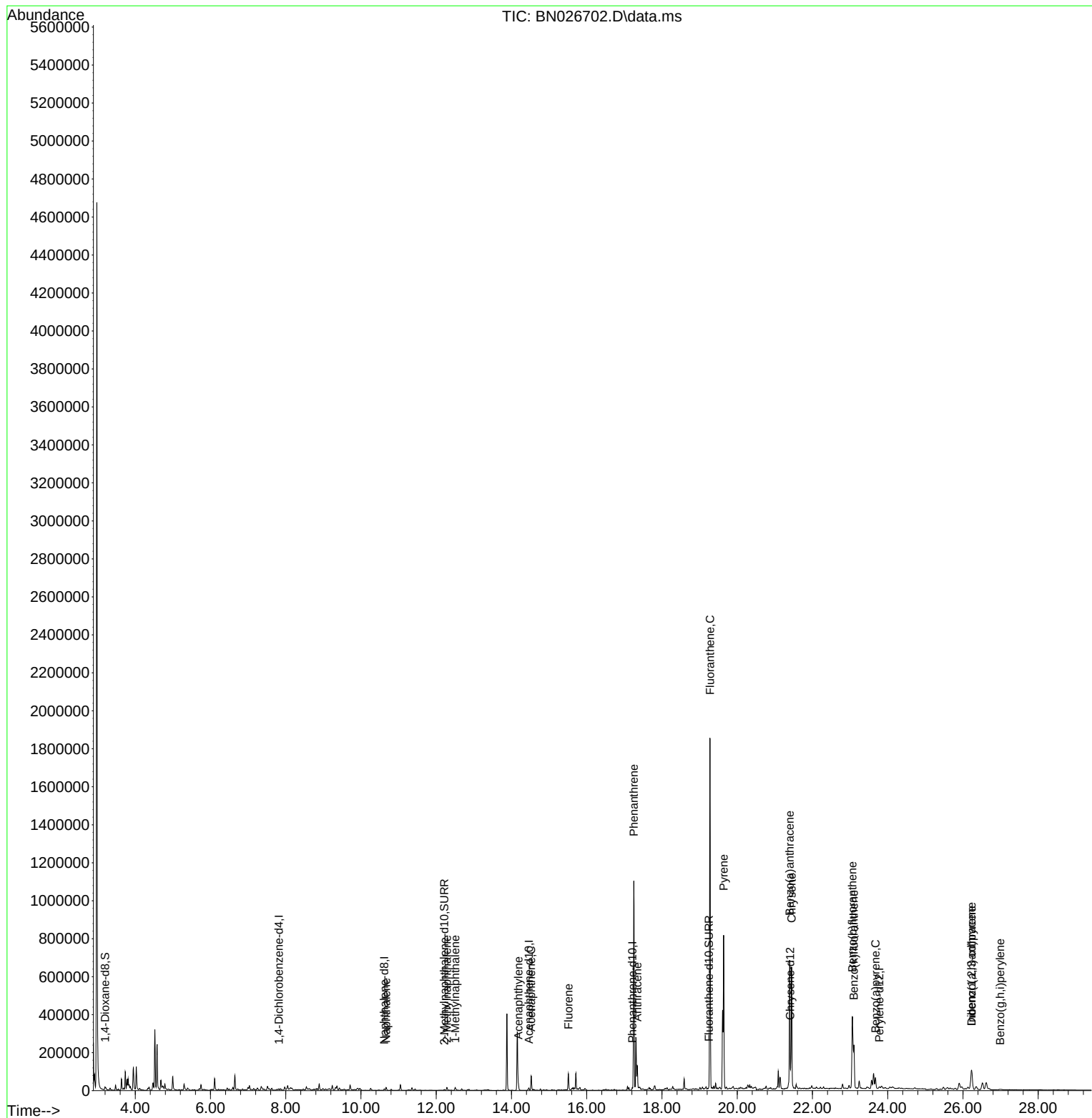
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026702.D
Acq On : 24 Jul 2023 07:39
Operator : MA/JU
Sample : 03504-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

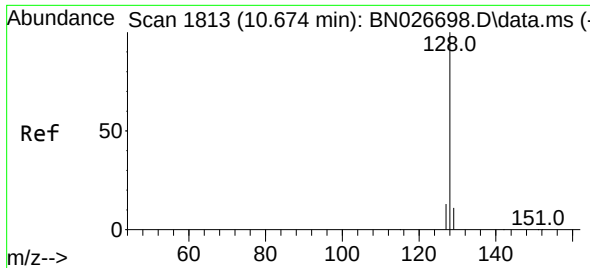
Instrument :
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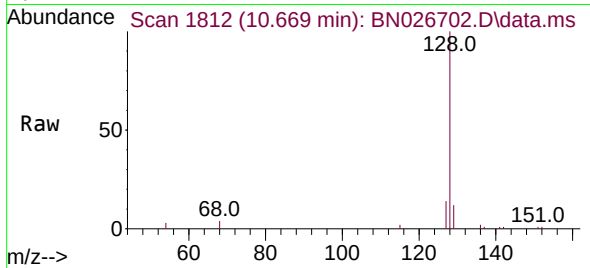
Quant Time: Jul 24 08:08:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.738 ng/ul
RT: 10.669 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BN026702.D
Acq: 24 Jul 2023 07:39

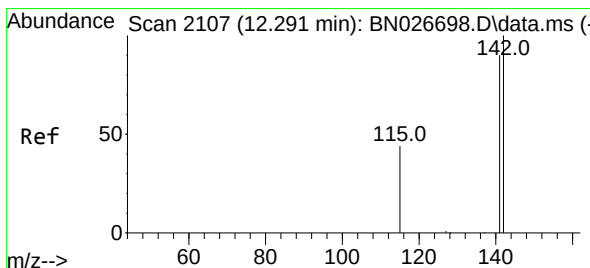
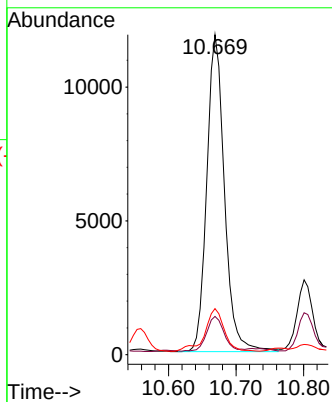
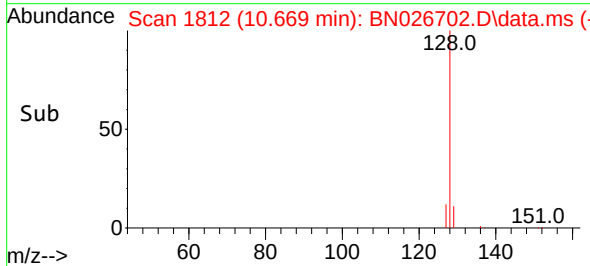
Instrument :
BNA_N
ClientSampleId :
A46S8



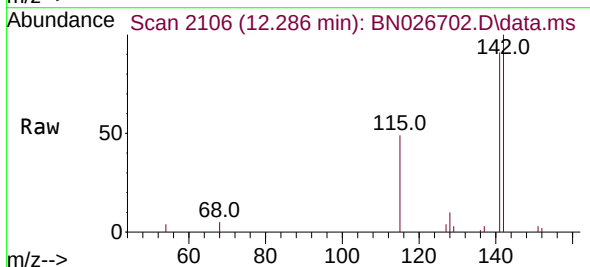
Tgt Ion:128 Resp: 21520
Ion Ratio Lower Upper
128 100
129 11.9 10.2 15.2
127 14.4 11.4 17.0

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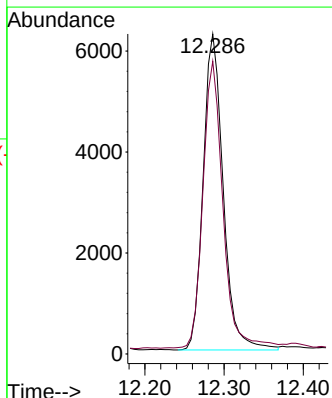
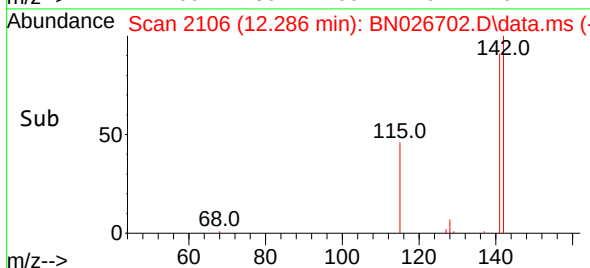
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

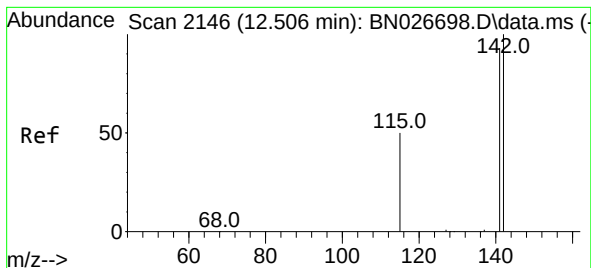


#7
2-Methylnaphthalene
Concen: 0.664 ng/ul
RT: 12.286 min Scan# 2106
Delta R.T. -0.011 min
Lab File: BN026702.D
Acq: 24 Jul 2023 07:39



Tgt Ion:142 Resp: 10996
Ion Ratio Lower Upper
142 100
141 90.7 72.3 108.5





#8

1-Methylnaphthalene

Concen: 0.563 ng/ul

RT: 12.506 min Scan# 2146

Delta R.T. -0.006 min

Lab File: BN026702.D

Acq: 24 Jul 2023 07:39

Instrument :

BNA_N

ClientSampleId :

A46S8

Tgt Ion:142 Resp: 997

Ion Ratio Lower Upper

142 100

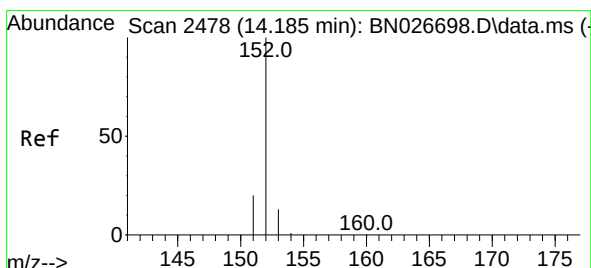
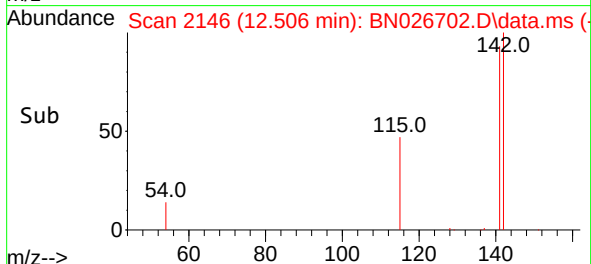
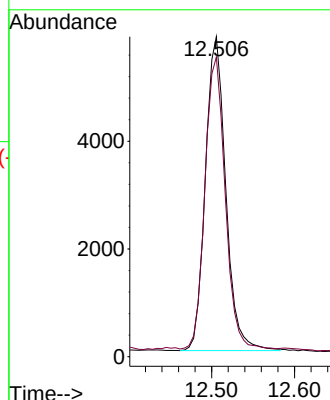
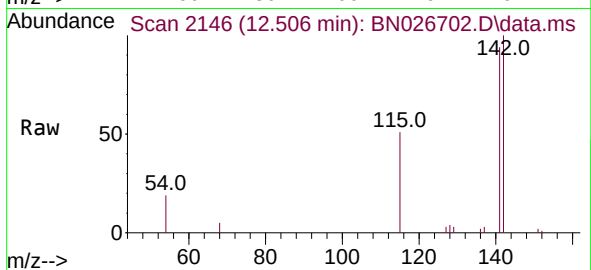
141 91.9 74.5 111.7

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Reviewed By :Yogesh Patel 07/24/2023

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#10

Acenaphthylene

Concen: 1.043 ng/ul

RT: 14.185 min Scan# 2478

Delta R.T. -0.005 min

Lab File: BN026702.D

Acq: 24 Jul 2023 07:39

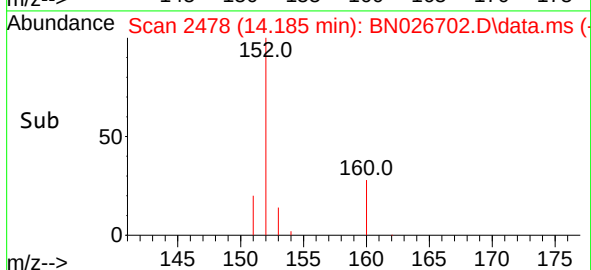
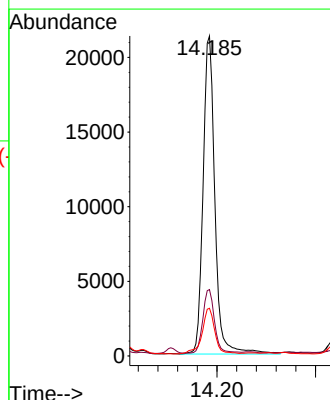
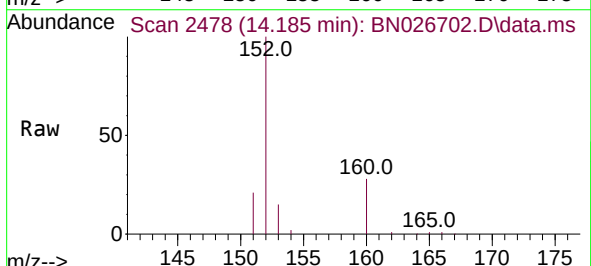
Tgt Ion:152 Resp: 35570

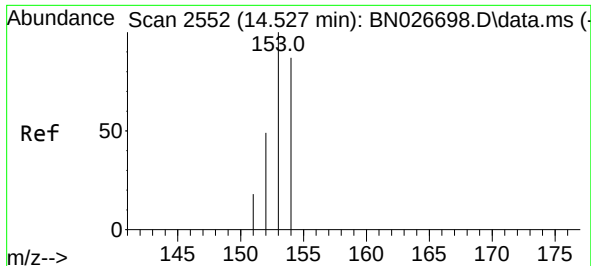
Ion Ratio Lower Upper

152 100

151 20.7 17.0 25.6

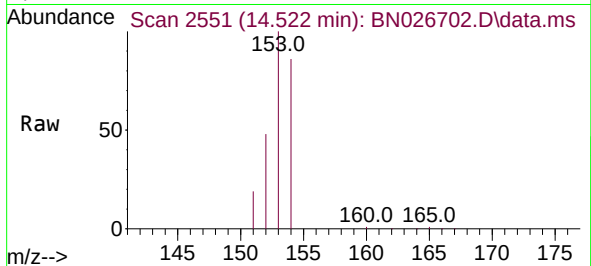
153 14.9 11.4 17.2





#11
Acenaphthene
Concen: 1.757 ng/ul
RT: 14.522 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026702.D
Acq: 24 Jul 2023 07:39

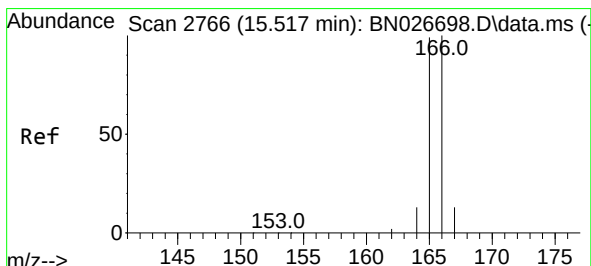
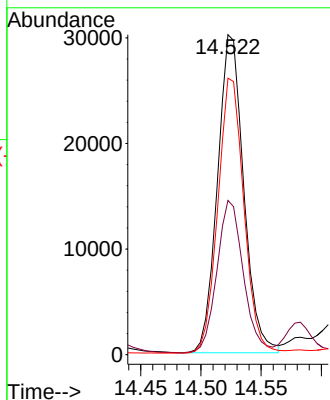
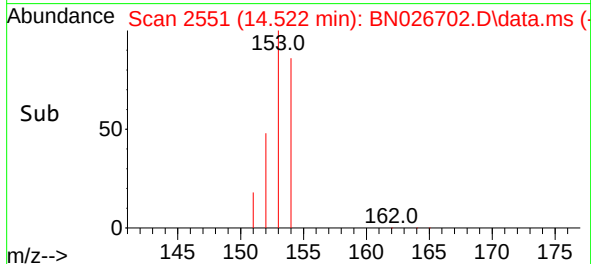
Instrument :
BNA_N
ClientSampleId :
A46S8



Tgt Ion:153 Resp: 4565
Ion Ratio Lower Upper
153 100
152 48.2 40.2 60.4
154 86.4 69.3 103.9

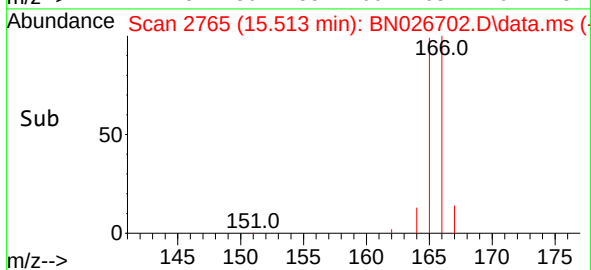
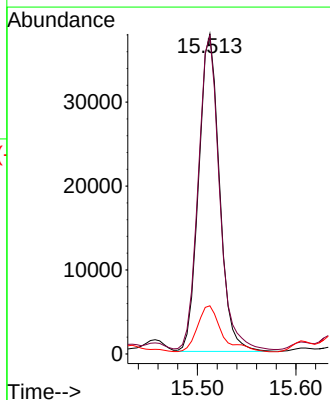
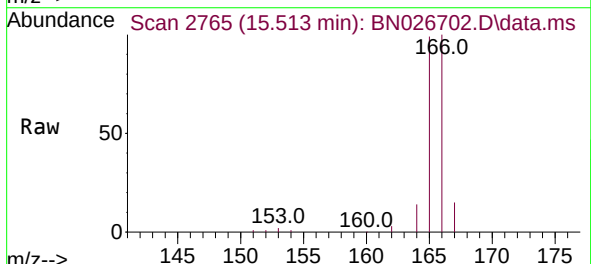
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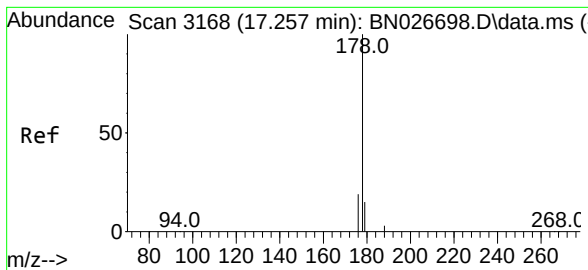
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 2.029 ng/ul
RT: 15.513 min Scan# 2765
Delta R.T. -0.005 min
Lab File: BN026702.D
Acq: 24 Jul 2023 07:39

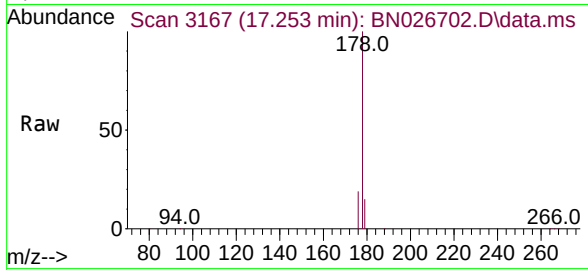
Tgt Ion:166 Resp: 55308
Ion Ratio Lower Upper
166 100
165 99.5 80.6 120.8
167 15.0 12.0 18.0





#15
Phenanthrene
Concen: 17.945 ng/u1
RT: 17.253 min Scan# 3167
Delta R.T. -0.005 min
Lab File: BN026702.D
Acq: 24 Jul 2023 07:39

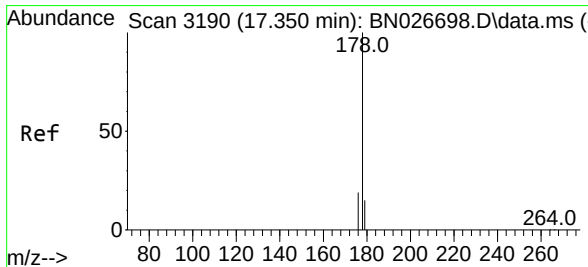
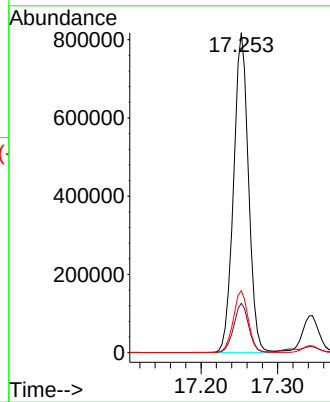
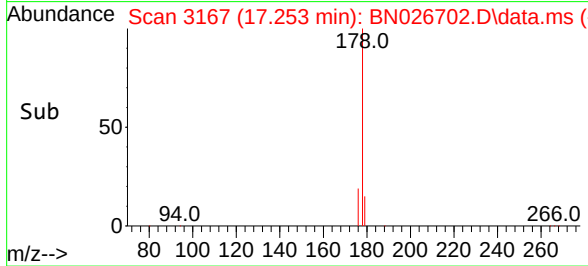
Instrument :
BNA_N
ClientSampleId :
A46S8



Tgt Ion:178 Resp: 110405
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.4 16.5 24.7

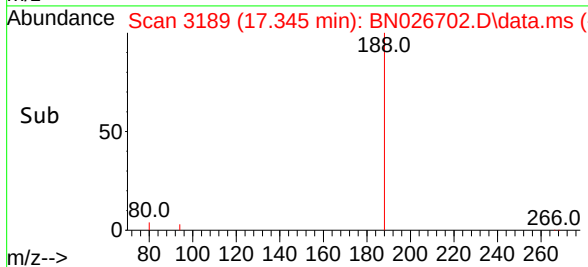
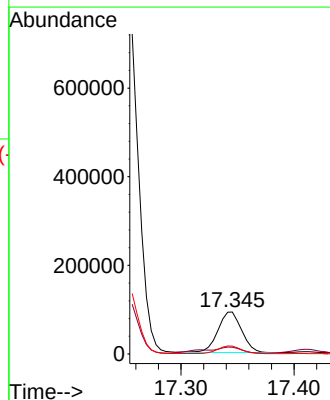
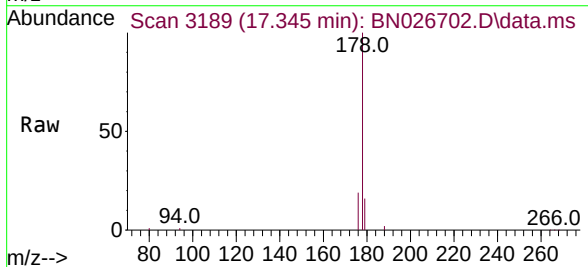
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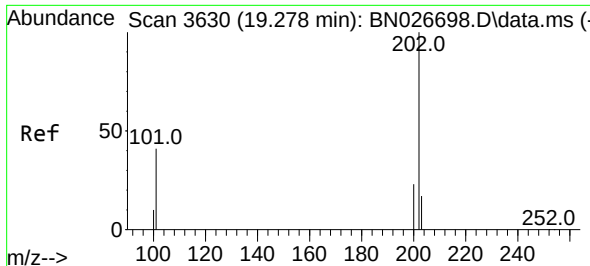
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 2.512 ng/u1
RT: 17.345 min Scan# 3189
Delta R.T. -0.005 min
Lab File: BN026702.D
Acq: 24 Jul 2023 07:39

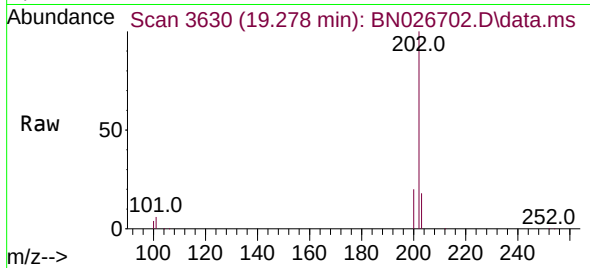
Tgt Ion:178 Resp: 134091
Ion Ratio Lower Upper
178 100
179 16.1 14.8 22.2
176 18.7 16.6 25.0





#19
Fluoranthene
Concen: 31.754 ng/u1
RT: 19.278 min Scan# 3630
Delta R.T. -0.000 min
Lab File: BN026702.D
Acq: 24 Jul 2023 07:39

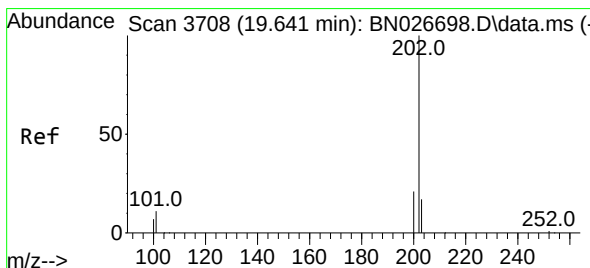
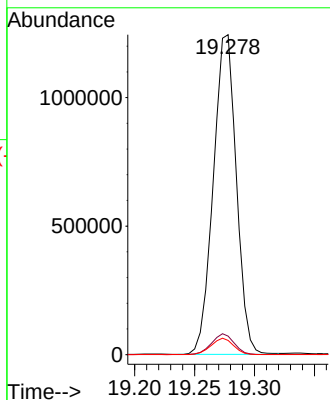
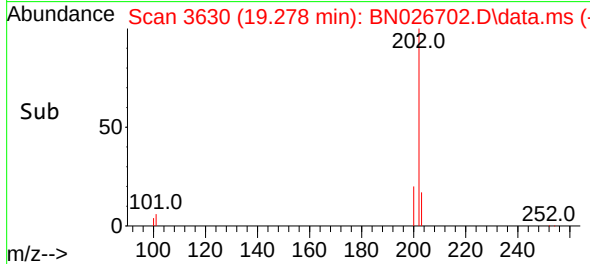
Instrument :
BNA_N
ClientSampleId :
A46S8



Tgt Ion:202 Resp: 1667498
Ion Ratio Lower Upper
202 100
101 5.8 7.0 10.4#
100 4.4 6.0 9.0#

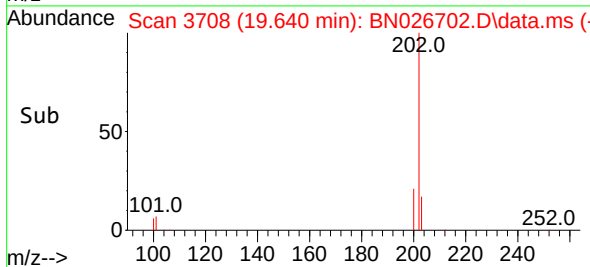
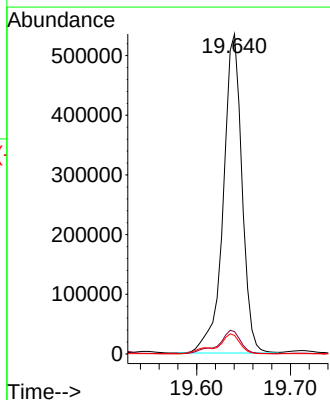
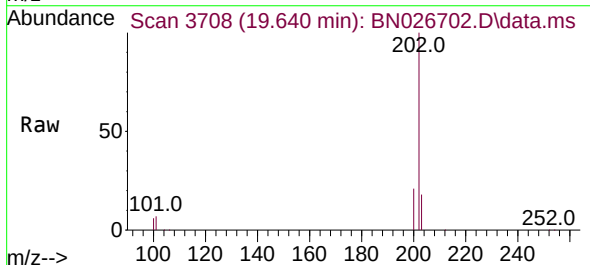
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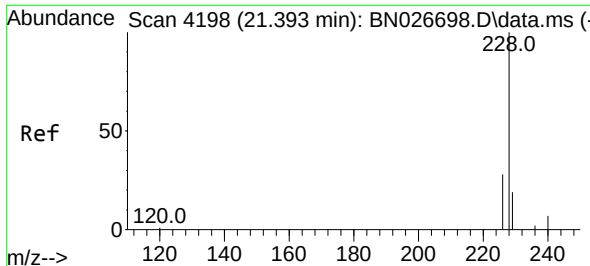
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 12.963 ng/u1
RT: 19.640 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026702.D
Acq: 24 Jul 2023 07:39

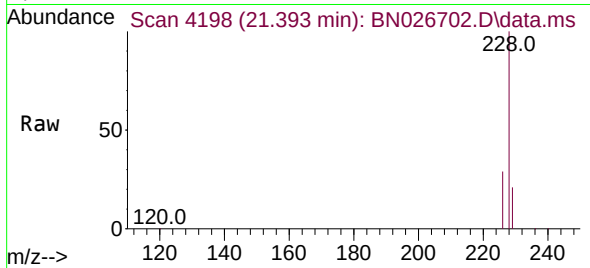
Tgt Ion:202 Resp: 739281
Ion Ratio Lower Upper
202 100
101 7.0 8.0 12.0#
100 5.8 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 14.183 ng/ul
RT: 21.393 min Scan# 4198
Delta R.T. -0.009 min
Lab File: BN026702.D
Acq: 24 Jul 2023 07:39

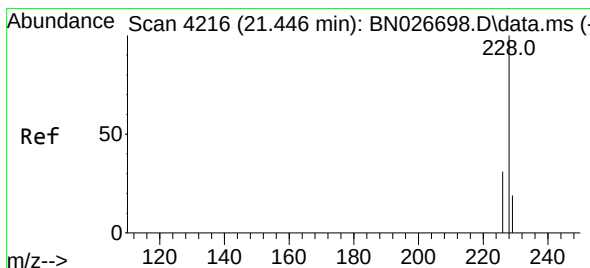
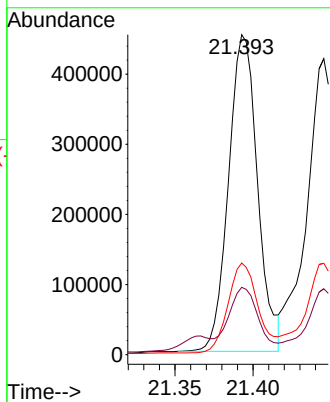
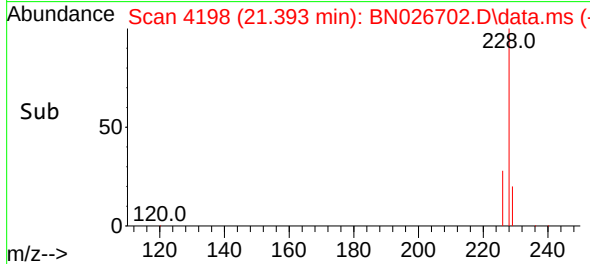
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Tgt Ion:228 Resp: 583880
Ion Ratio Lower Upper
228 100
229 21.0 16.7 25.1
226 28.6 23.5 35.3

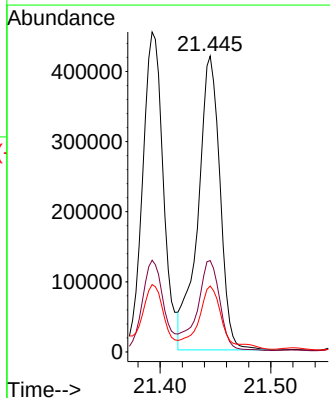
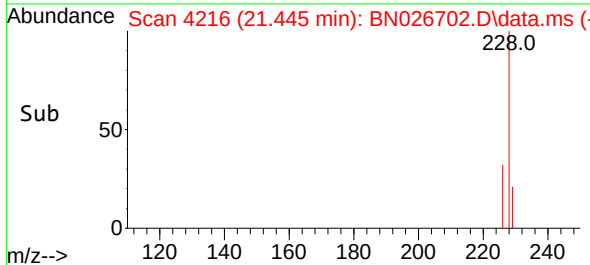
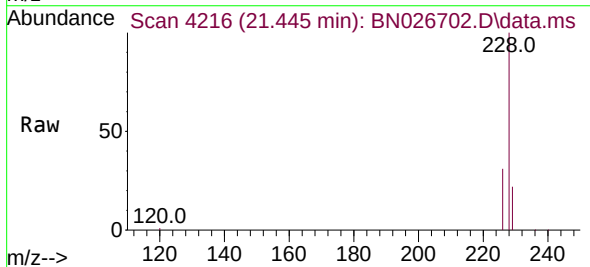
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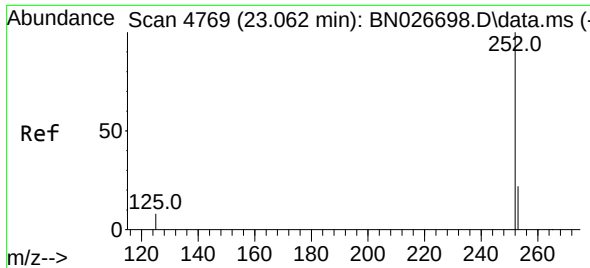
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 12.383 ng/ul
RT: 21.445 min Scan# 4216
Delta R.T. -0.009 min
Lab File: BN026702.D
Acq: 24 Jul 2023 07:39

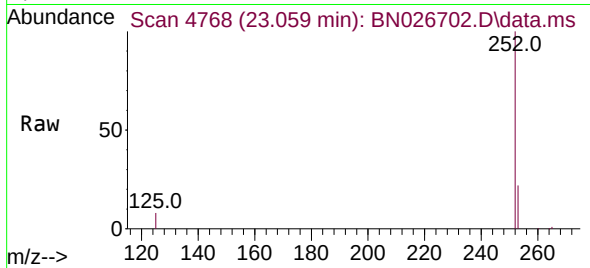
Tgt Ion:228 Resp: 580300
Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 22.3 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 13.550 ng/ul m
RT: 23.059 min Scan# 4768
Delta R.T. -0.009 min
Lab File: BN026702.D
Acq: 24 Jul 2023 07:39

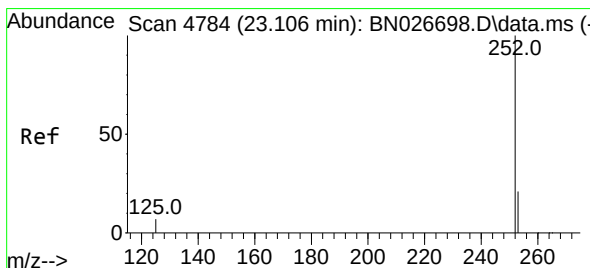
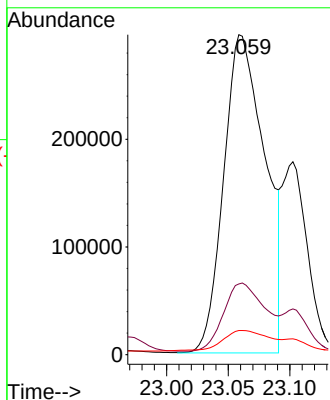
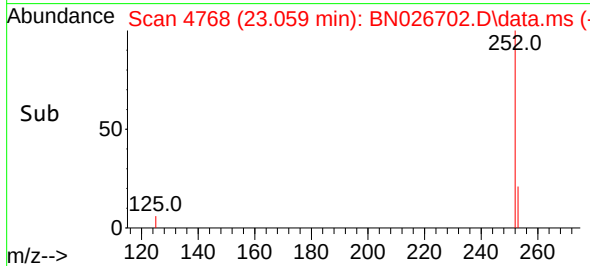
Instrument :
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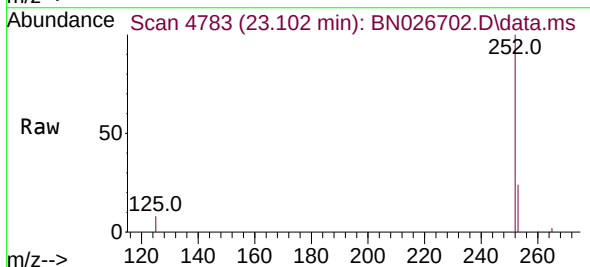
Tgt Ion:252 Resp: 690080
Ion Ratio Lower Upper
252 100
253 22.1 0.0 68.6
125 7.6 0.0 34.0

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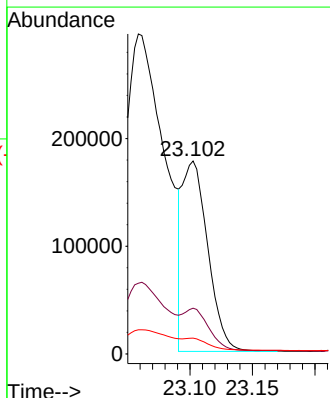
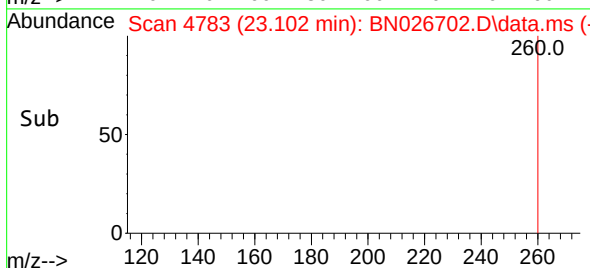
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

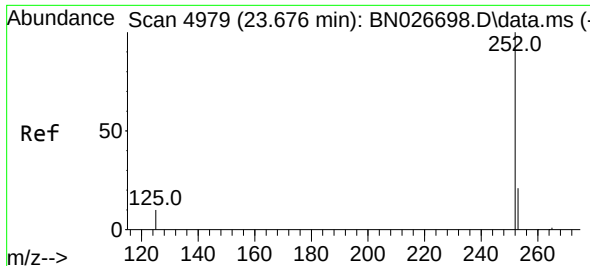


#25
Benzo(k)fluoranthene
Concen: 4.677 ng/ul m
RT: 23.102 min Scan# 4783
Delta R.T. -0.012 min
Lab File: BN026702.D
Acq: 24 Jul 2023 07:39



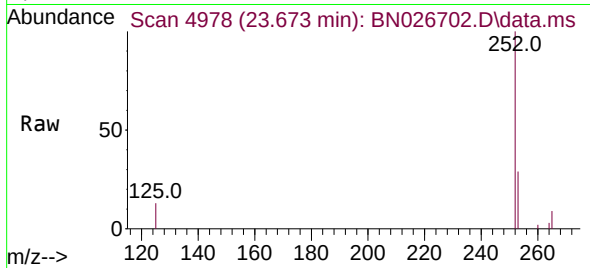
Tgt Ion:252 Resp: 249649
Ion Ratio Lower Upper
252 100
253 23.8 27.2 40.8#
125 8.2 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 1.870 ng/ul
RT: 23.673 min Scan# 4979
Delta R.T. -0.012 min
Lab File: BN026702.D
Acq: 24 Jul 2023 07:39

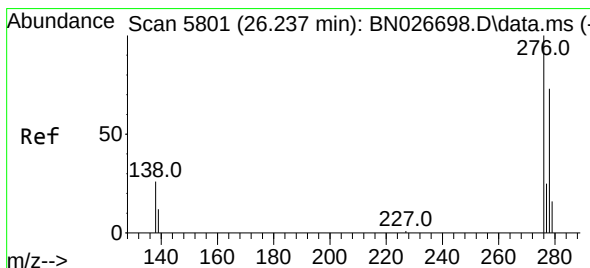
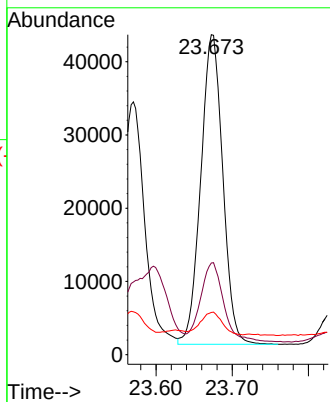
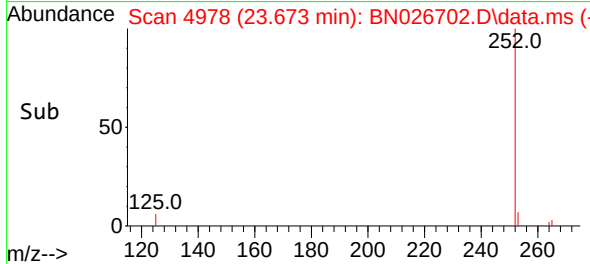
Instrument :
BNA_N
ClientSampleId :
A46S8



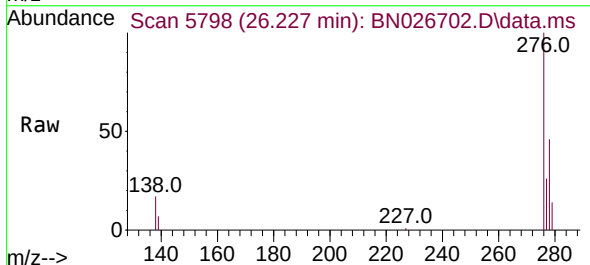
Tgt Ion:252 Resp: 84749
Ion Ratio Lower Upper
252 100
253 28.6 32.6 49.0#
125 13.2 19.3 28.9#

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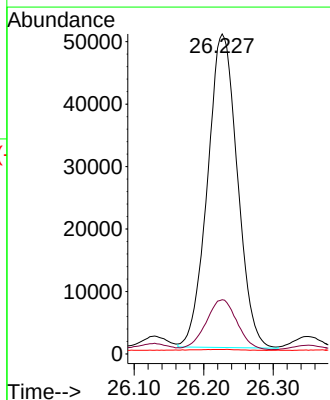
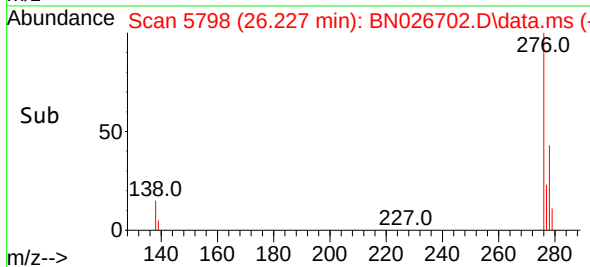
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

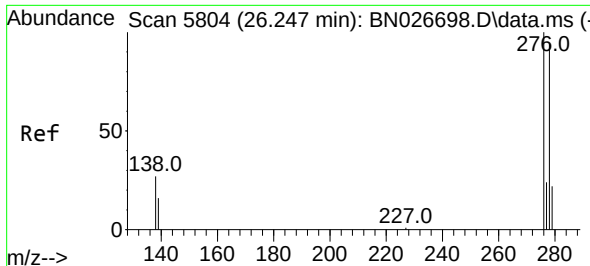


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.521 ng/ul
RT: 26.227 min Scan# 5798
Delta R.T. -0.024 min
Lab File: BN026702.D
Acq: 24 Jul 2023 07:39



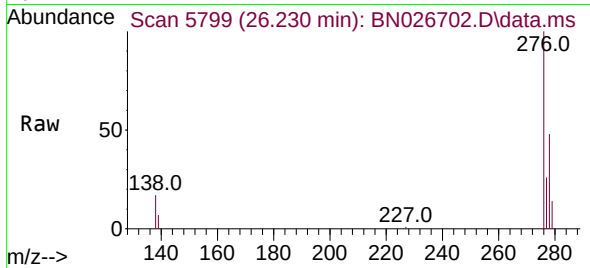
Tgt Ion:276 Resp: 149820
Ion Ratio Lower Upper
276 100
138 16.6 22.2 33.4#
227 0.5 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.835 ng/ul m
RT: 26.230 min Scan# 51
Delta R.T. -0.028 min
Lab File: BN026702.D
Acq: 24 Jul 2023 07:39

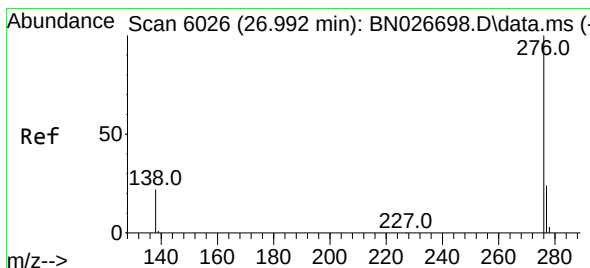
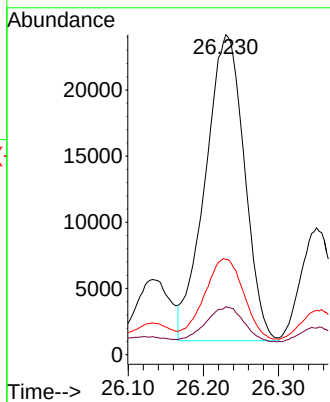
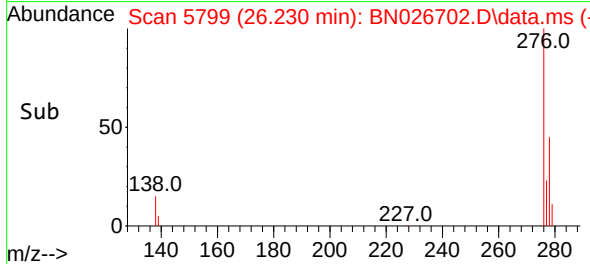
Instrument :
BNA_N
ClientSampleId :
A46S8



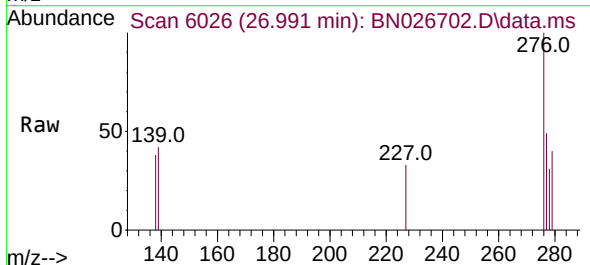
Tgt Ion:278 Resp: 8368
Ion Ratio Lower Upper
278 100
139 15.0 18.9 28.3
279 29.7 31.3 46.9

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.121 ng/ul
RT: 26.991 min Scan# 6026
Delta R.T. -0.011 min
Lab File: BN026702.D
Acq: 24 Jul 2023 07:39



Tgt Ion:276 Resp: 6365
Ion Ratio Lower Upper
276 100
138 38.1 22.6 34.0#
277 48.8 21.8 32.8#

