

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026701.D
 Acq On : 24 Jul 2023 07:03
 Operator : MA/JU
 Sample : 03504-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46S6

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 07:31:04 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	5708	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.625	136	18669	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.462	164	8079	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	16981	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	11708	0.400	ng/ul	# 0.00
23) Perylene-d12	23.778	264	11625	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4925	0.655	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.214	152	3125	0.123	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	6529	0.161	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.674	128	3618	0.071	ng/ul#	88
7) 2-Methylnaphthalene	12.291	142	615	0.021	ng/ul	90
10) Acenaphthylene	14.185	152	5551	0.140	ng/ul	95
11) Acenaphthene	14.527	153	1811	0.060	ng/ul	99
12) Fluorene	15.512	166	2284	0.072	ng/ul#	96
15) Phenanthrene	17.253	178	56544	1.046	ng/ul	97
16) Anthracene	17.346	178	8345	0.178	ng/ul	99
19) Fluoranthene	19.274	202	145389	2.649	ng/ul#	94
20) Pyrene	19.636	202	99469	1.669	ng/ul	96
21) Benzo(a)anthracene	21.393	228	62891	1.462	ng/ul	99
22) Chrysene	21.446	228	70607	1.442	ng/ul	99
24) Benzo(b)fluoranthene	23.062	252	86398m	1.908	ng/ul	
25) Benzo(k)fluoranthene	23.100	252	33659m	0.709	ng/ul	
26) Benzo(a)pyrene	23.676	252	9694	0.240	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.227	276	28448	0.538	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.227	278	10466	0.258	ng/ul	96
29) Benzo(g,h,i)perylene	26.985	276	2425	0.052	ng/ul#	53

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

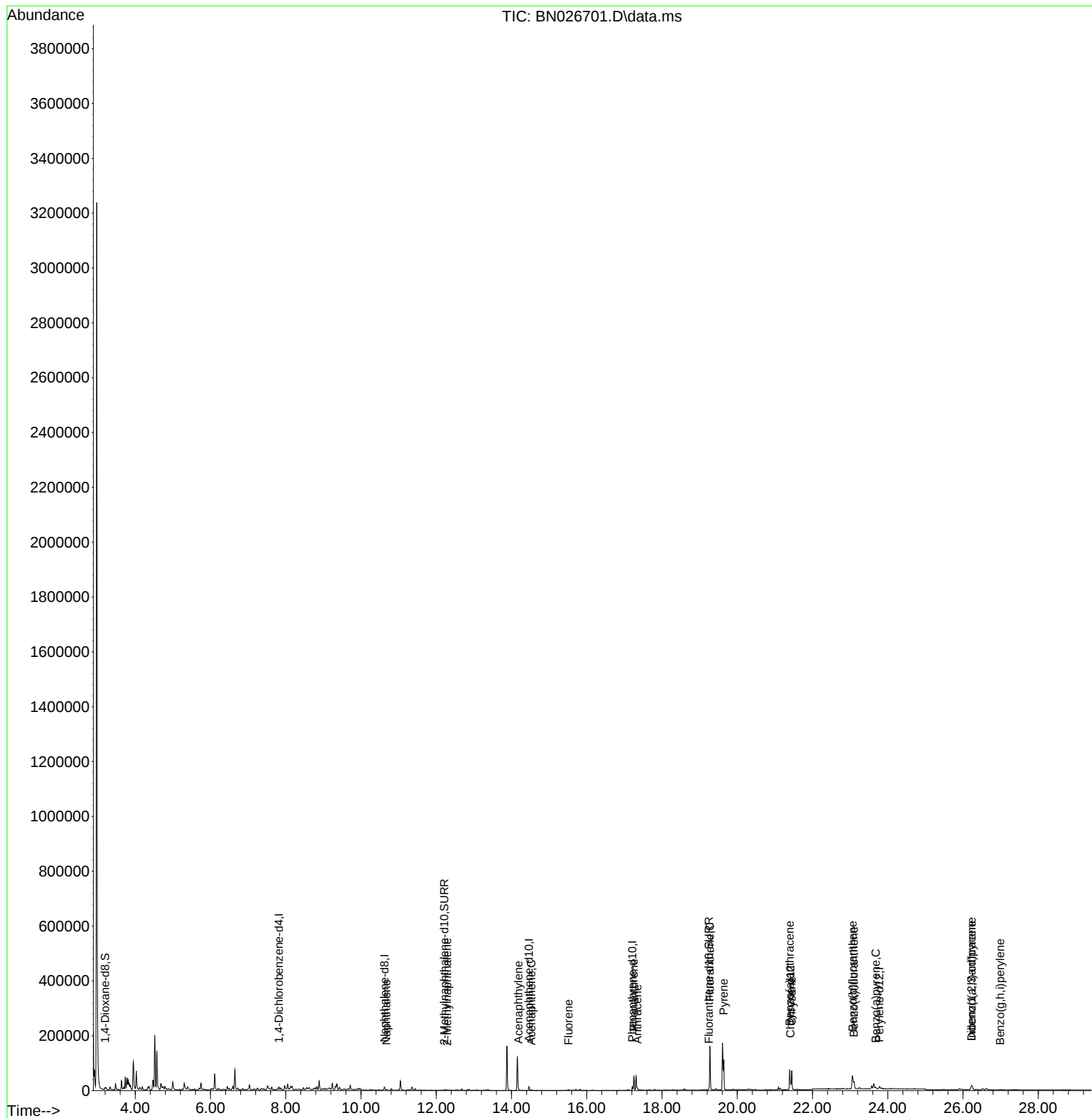
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026701.D
Acq On : 24 Jul 2023 07:03
Operator : MA/JU
Sample : 03504-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

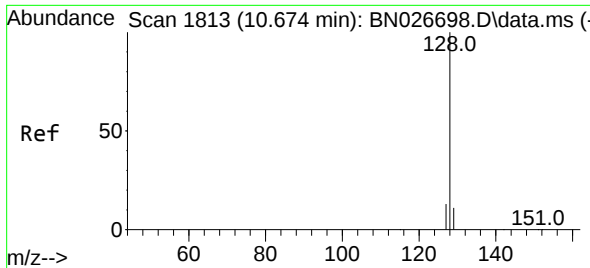
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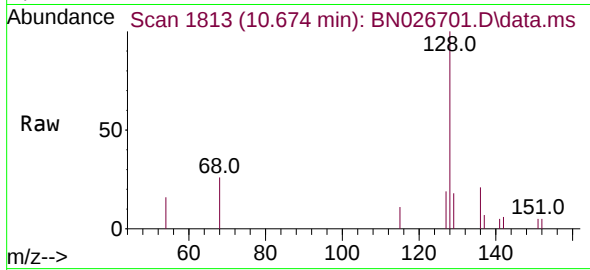
Quant Time: Jul 24 07:31:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN026701.D
Acq: 24 Jul 2023 07:03

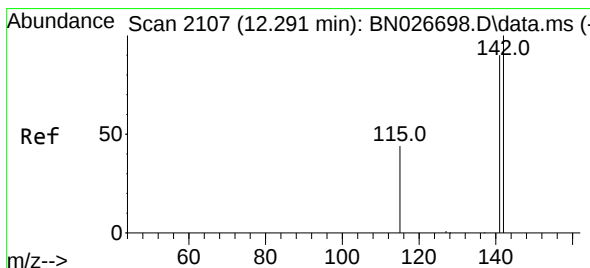
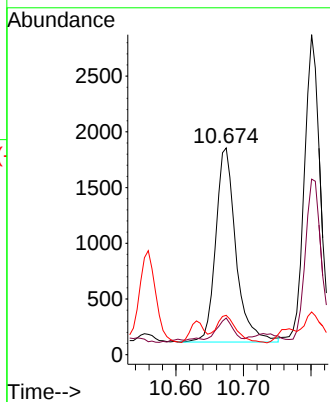
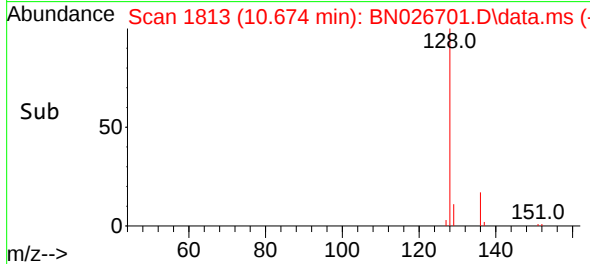
Instrument :
BNA_N
ClientSampleId :
A46S6



Tgt Ion:128 Resp: 3618
Ion Ratio Lower Upper
128 100
129 17.7 10.2 15.2
127 19.1 11.4 17.0

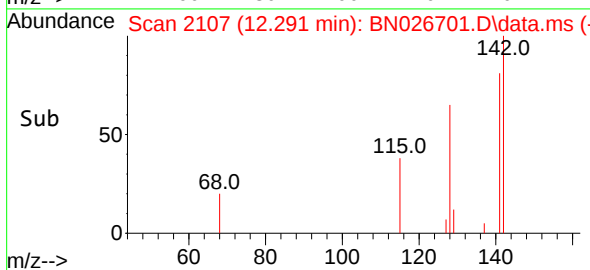
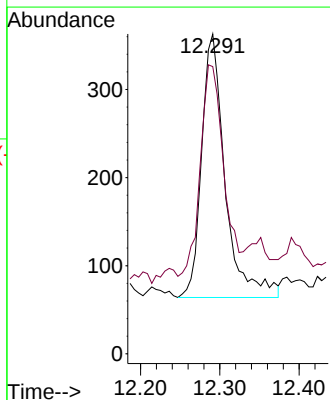
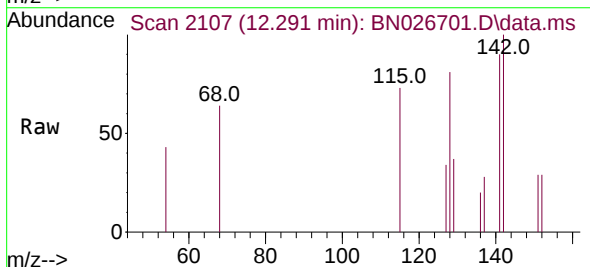
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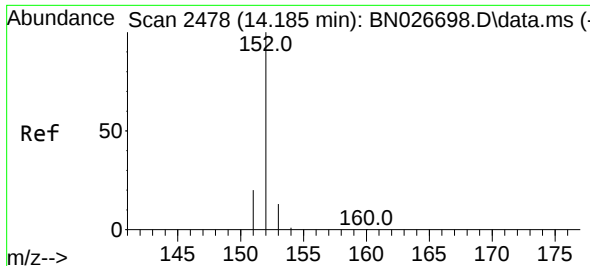
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.291 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BN026701.D
Acq: 24 Jul 2023 07:03

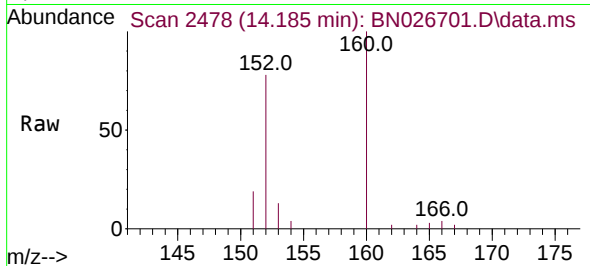
Tgt Ion:142 Resp: 615
Ion Ratio Lower Upper
142 100
141 81.0 72.3 108.5





#10
Acenaphthylene
Concen: 0.140 ng/u1
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026701.D
Acq: 24 Jul 2023 07:03

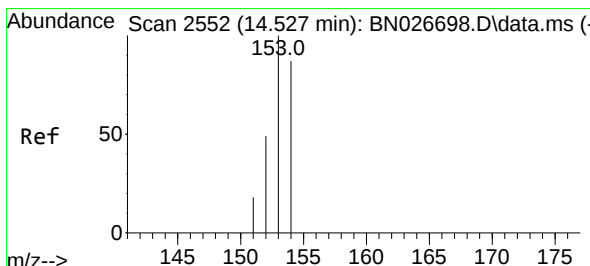
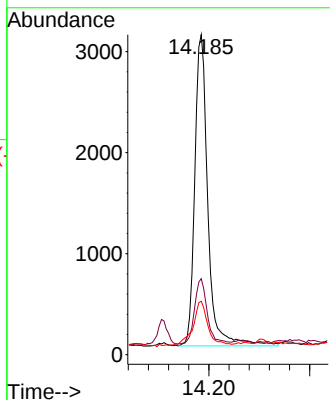
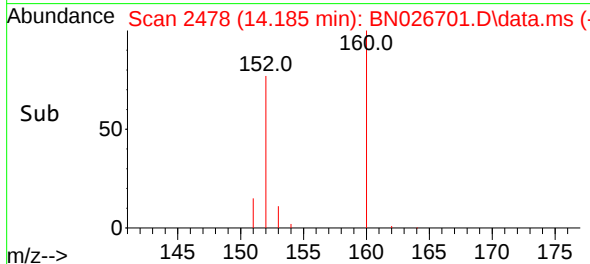
Instrument :
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Tgt Ion:152 Resp: 555
Ion Ratio Lower Upper
152 100
151 23.8 17.0 25.6
153 16.7 11.4 17.2

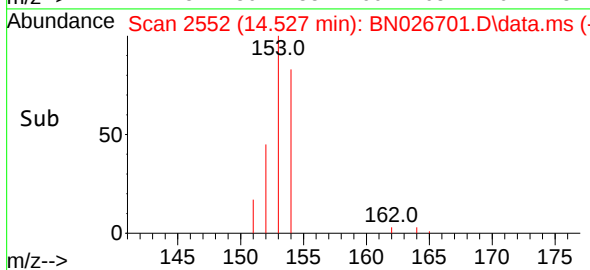
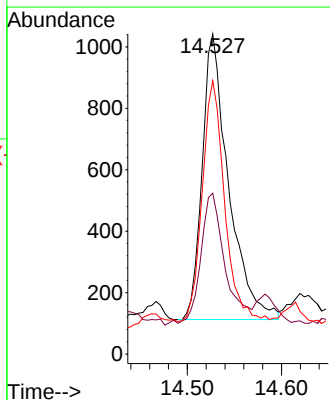
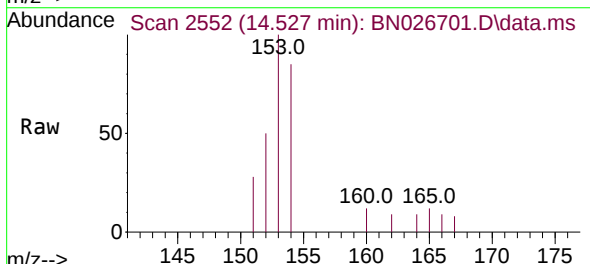
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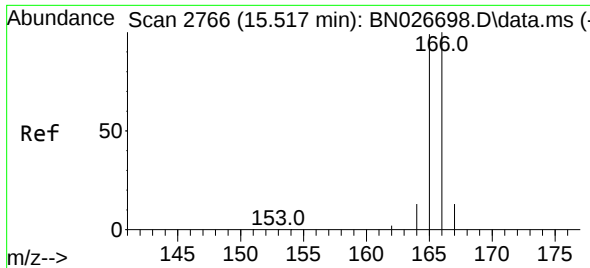
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#11
Acenaphthene
Concen: 0.060 ng/u1
RT: 14.527 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BN026701.D
Acq: 24 Jul 2023 07:03

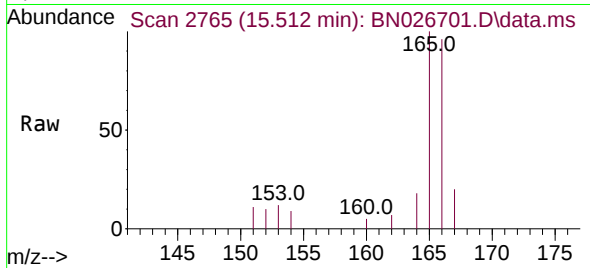
Tgt Ion:153 Resp: 1811
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 85.4 69.3 103.9





#12
Fluorene
Concen: 0.072 ng/ul
RT: 15.512 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026701.D
Acq: 24 Jul 2023 07:03

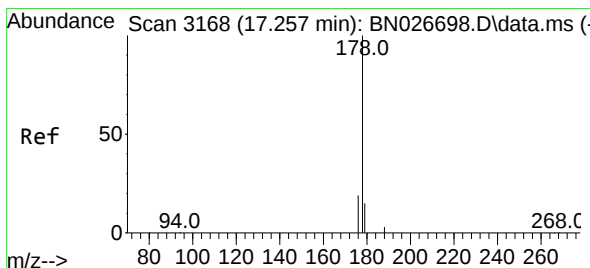
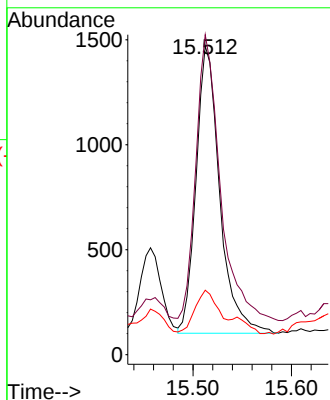
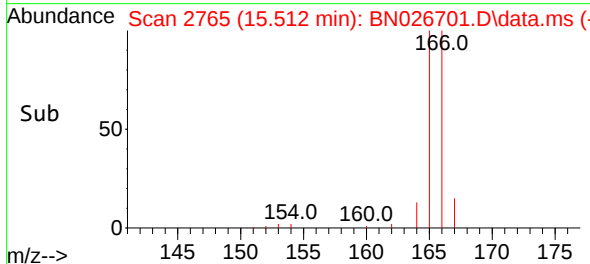
Instrument :
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ClientSampleId :
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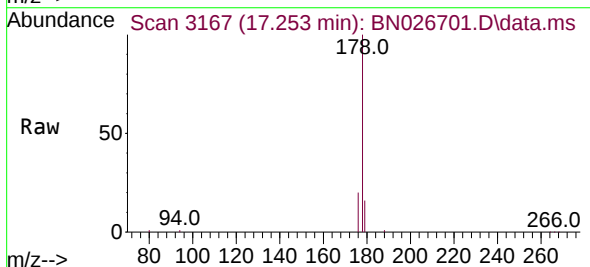
Tgt Ion:166 Resp: 2284
Ion Ratio Lower Upper
166 100
165 103.7 80.6 120.8
167 20.9 12.0 18.0

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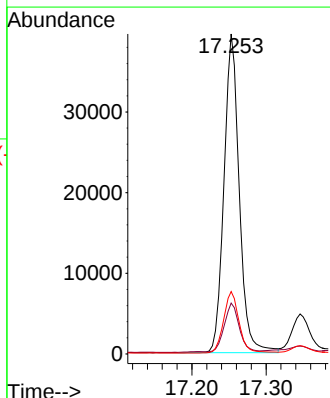
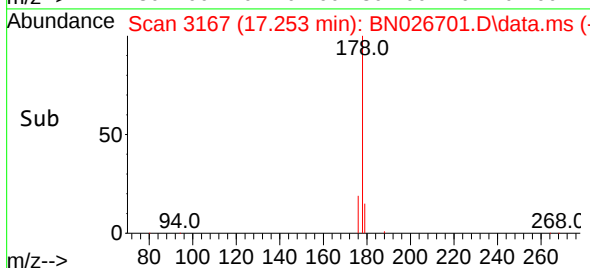
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

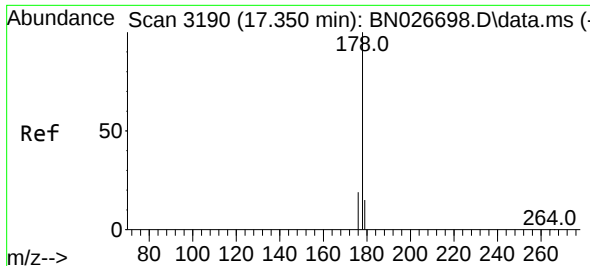


#15
Phenanthrene
Concen: 1.046 ng/ul
RT: 17.253 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BN026701.D
Acq: 24 Jul 2023 07:03



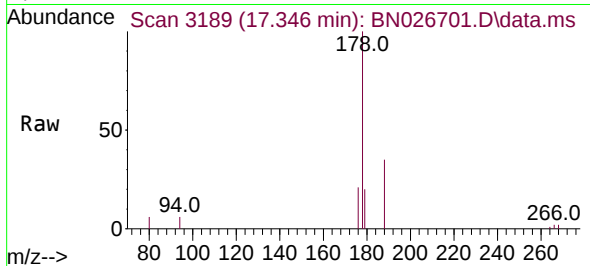
Tgt Ion:178 Resp: 56544
Ion Ratio Lower Upper
178 100
179 15.9 13.7 20.5
176 19.5 16.5 24.7





#16
 Anthracene
 Concen: 0.178 ng/ul
 RT: 17.346 min Scan# 3190
 Delta R.T. -0.004 min
 Lab File: BN026701.D
 Acq: 24 Jul 2023 07:03

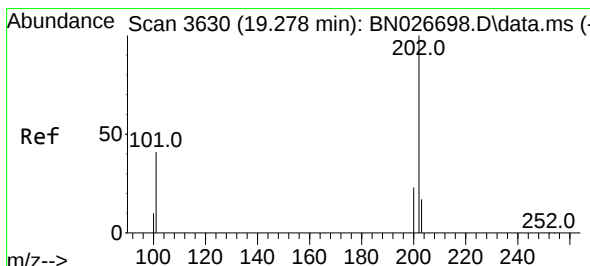
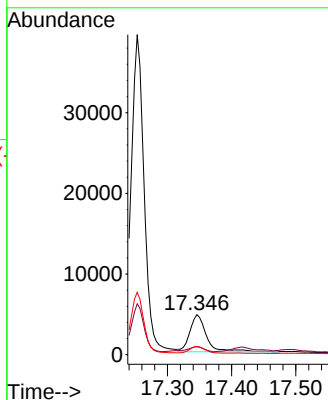
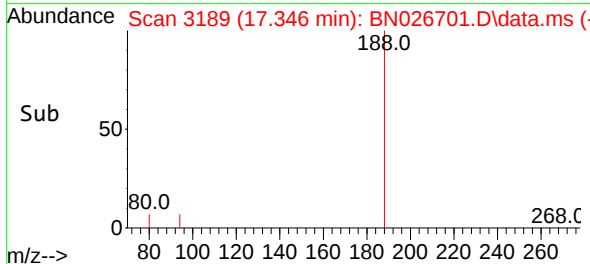
Instrument :
 BNA_N
 ClientSampleId :
 A46S6



Tgt Ion:178 Resp: 8345
 Ion Ratio Lower Upper
 178 100
 179 19.6 14.8 22.2
 176 20.7 16.6 25.0

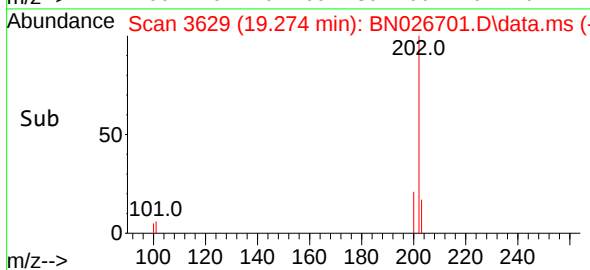
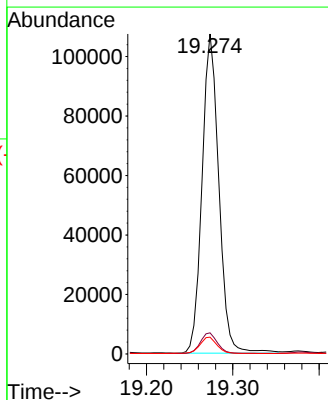
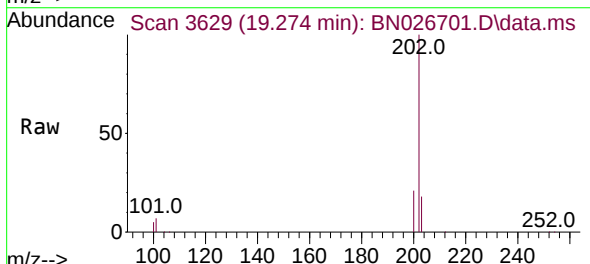
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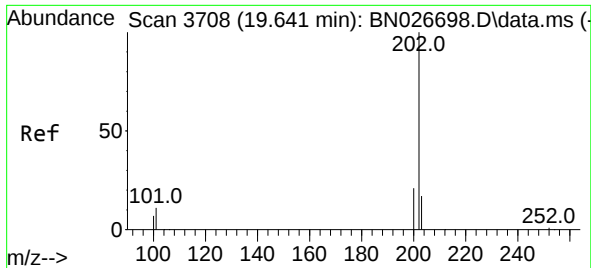
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



#19
 Fluoranthene
 Concen: 2.649 ng/ul
 RT: 19.274 min Scan# 3629
 Delta R.T. -0.005 min
 Lab File: BN026701.D
 Acq: 24 Jul 2023 07:03

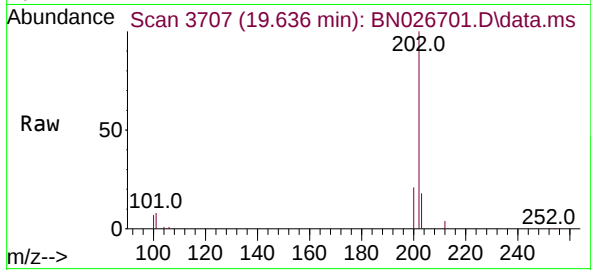
Tgt Ion:202 Resp: 145389
 Ion Ratio Lower Upper
 202 100
 101 6.6 7.0 10.4#
 100 5.3 6.0 9.0#





#20
Pyrene
Concen: 1.669 ng/ul
RT: 19.636 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN026701.D
Acq: 24 Jul 2023 07:03

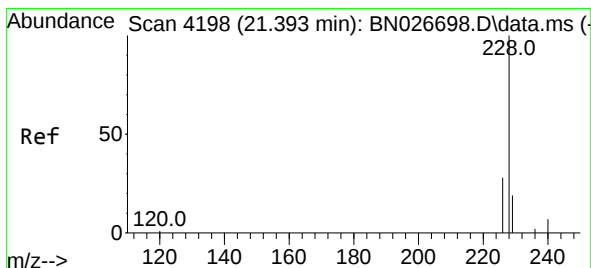
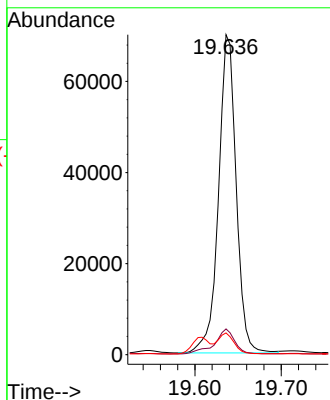
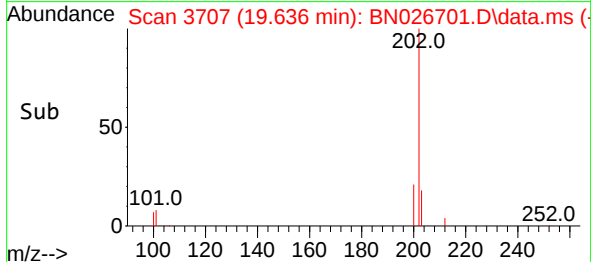
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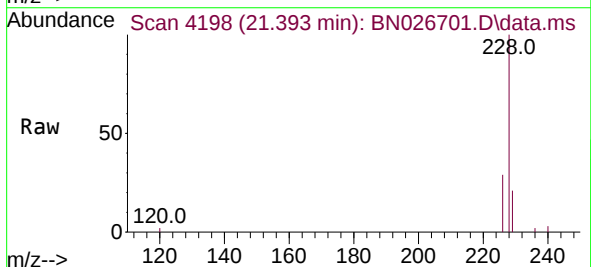
Tgt Ion:202 Resp: 99469
Ion Ratio Lower Upper
202 100
101 8.1 8.0 12.0
100 6.8 6.2 9.2

Manual Integrations
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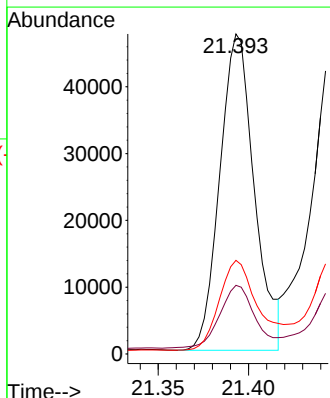
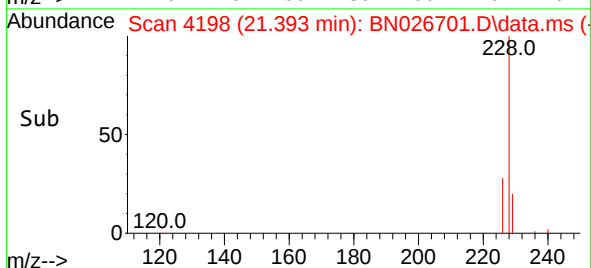
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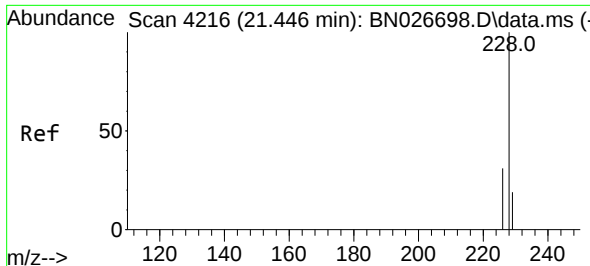


#21
Benzo(a)anthracene
Concen: 1.462 ng/ul
RT: 21.393 min Scan# 4198
Delta R.T. -0.009 min
Lab File: BN026701.D
Acq: 24 Jul 2023 07:03



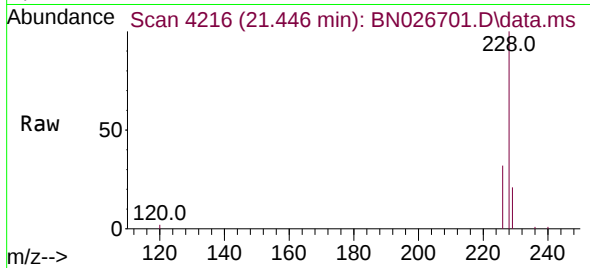
Tgt Ion:228 Resp: 62891
Ion Ratio Lower Upper
228 100
229 21.5 16.7 25.1
226 29.2 23.5 35.3





#22
Chrysene
Concen: 1.442 ng/ul
RT: 21.446 min Scan# 4216
Delta R.T. -0.009 min
Lab File: BN026701.D
Acq: 24 Jul 2023 07:03

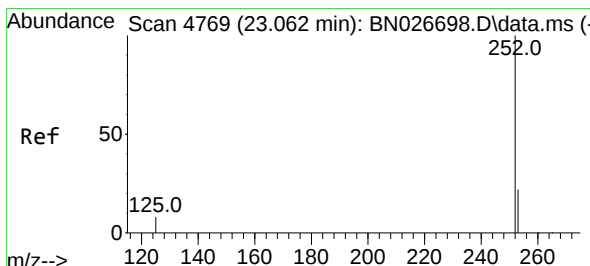
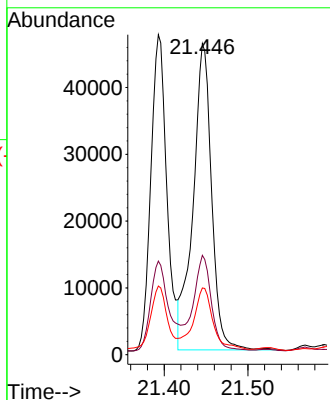
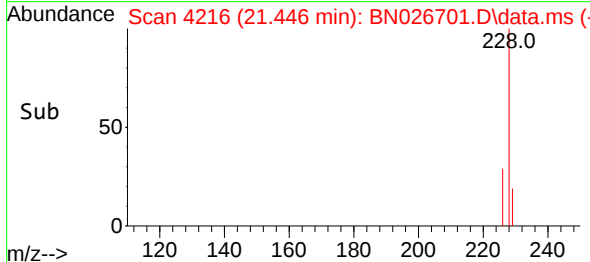
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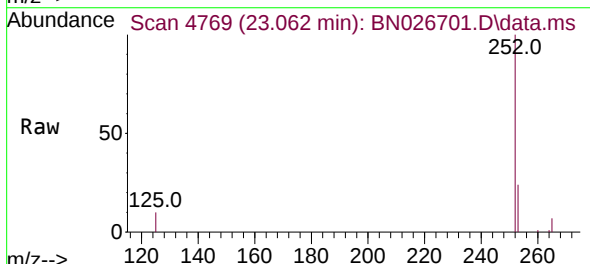
Tgt Ion:228 Resp: 70607
Ion Ratio Lower Upper
228 100
226 32.0 25.2 37.8
229 21.5 16.4 24.6

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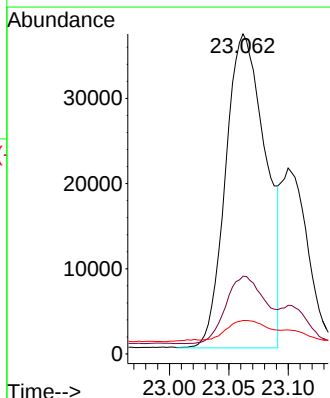
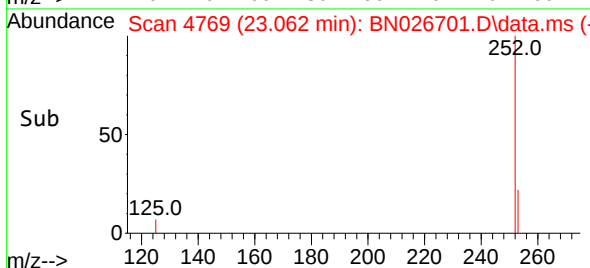
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

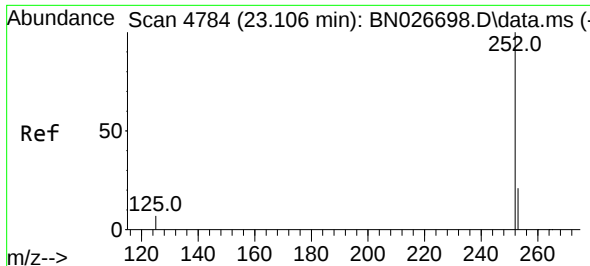


#24
Benzo(b)fluoranthene
Concen: 1.908 ng/ul m
RT: 23.062 min Scan# 4769
Delta R.T. -0.006 min
Lab File: BN026701.D
Acq: 24 Jul 2023 07:03



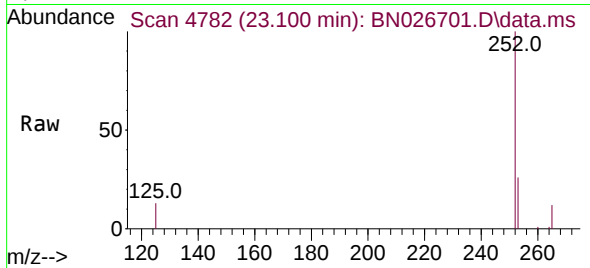
Tgt Ion:252 Resp: 86398
Ion Ratio Lower Upper
252 100
253 24.3 0.0 68.6
125 10.5 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.709 ng/ul m
RT: 23.100 min Scan# 4784
Delta R.T. -0.015 min
Lab File: BN026701.D
Acq: 24 Jul 2023 07:03

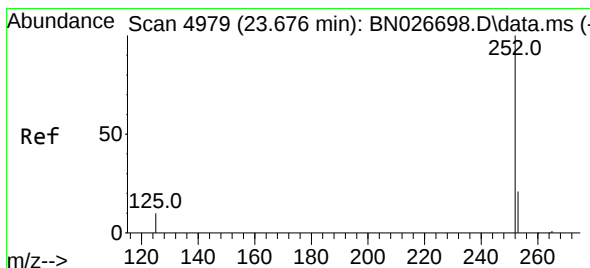
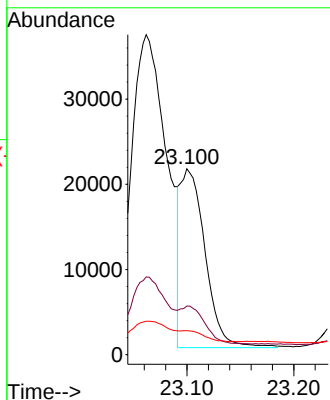
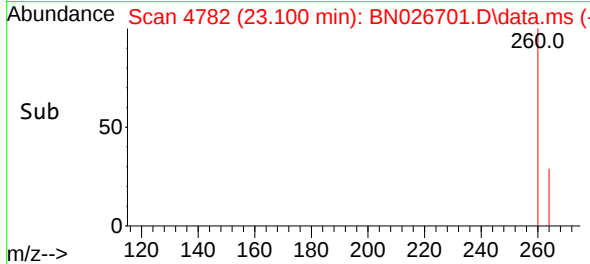
Instrument :
BNA_N
ClientSampleId :
A46S6



Tgt Ion:252 Resp: 33659
Ion Ratio Lower Upper
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253 26.1 27.2 40.8
125 12.9 13.4 20.2

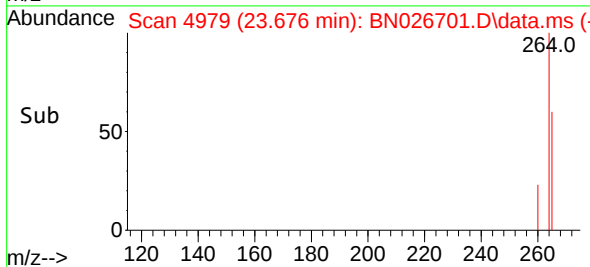
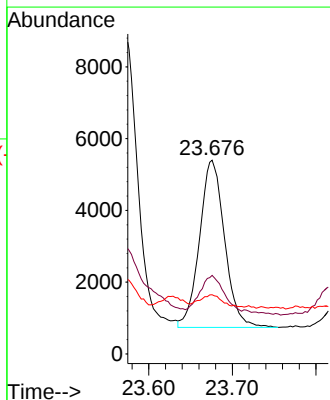
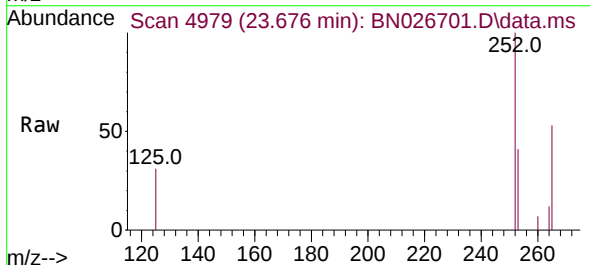
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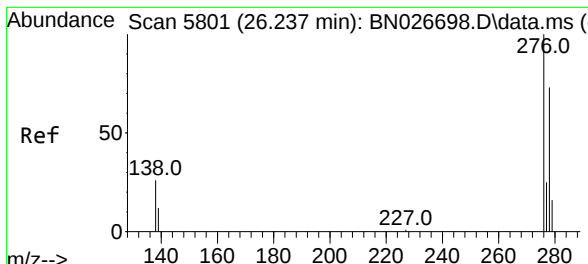
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#26
Benzo(a)pyrene
Concen: 0.240 ng/ul
RT: 23.676 min Scan# 4979
Delta R.T. -0.009 min
Lab File: BN026701.D
Acq: 24 Jul 2023 07:03

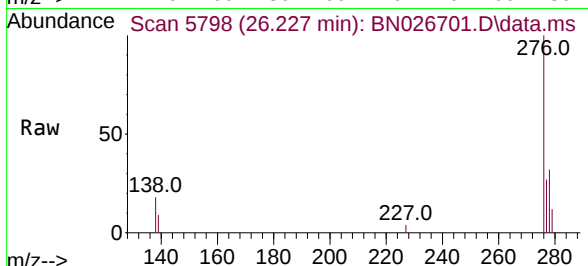
Tgt Ion:252 Resp: 9694
Ion Ratio Lower Upper
252 100
253 40.5 32.6 49.0
125 30.5 19.3 28.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.538 ng/ul
RT: 26.227 min Scan# 5798
Delta R.T. -0.024 min
Lab File: BN026701.D
Acq: 24 Jul 2023 07:03

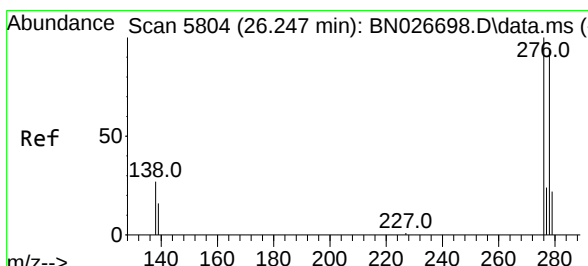
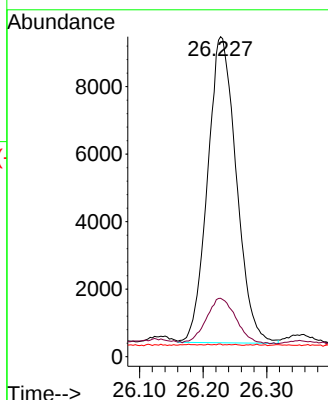
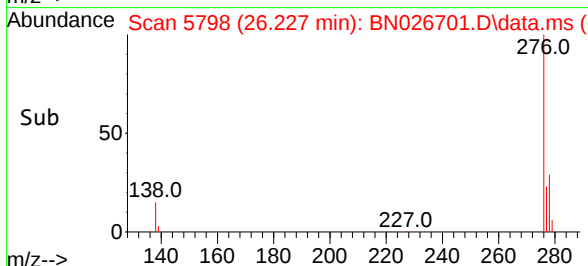
Instrument :
BNA_N
ClientSampleId :
A46S6



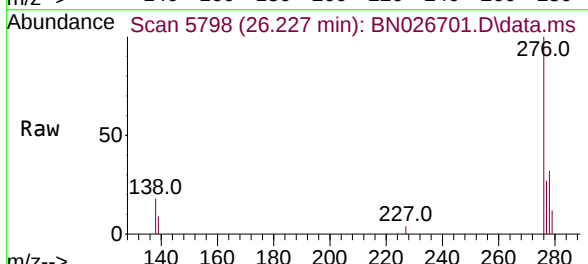
Tgt Ion:276 Resp: 2844
Ion Ratio Lower Upper
276 100
138 15.4 22.2 33.4
227 0.2 0.1 0.1

Manual Integrations
APPROVED

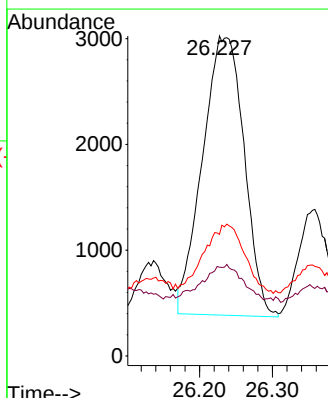
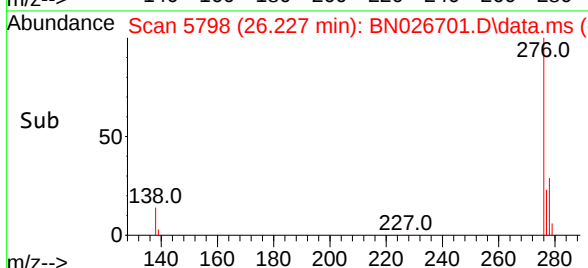
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

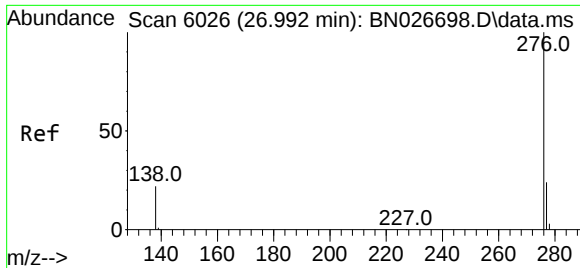


#28
Dibenzo(a,h)anthracene
Concen: 0.258 ng/ul
RT: 26.227 min Scan# 5798
Delta R.T. -0.030 min
Lab File: BN026701.D
Acq: 24 Jul 2023 07:03



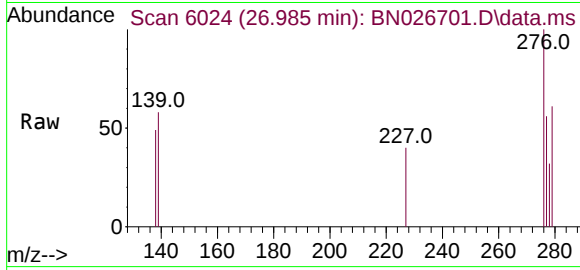
Tgt Ion:278 Resp: 10466
Ion Ratio Lower Upper
278 100
139 27.7 18.9 28.3
279 38.0 31.3 46.9





#29
Benzo(g,h,i)perylene
Concen: 0.052 ng/ul
RT: 26.985 min Scan# 6024
Delta R.T. -0.017 min
Lab File: BN026701.D
Acq: 24 Jul 2023 07:03

Instrument :
BNA_N
ClientSampleId :
A46S6



Tgt Ion: 276 Resp: 2425
Ion Ratio Lower Upper
276 100
138 48.6 22.6 34.0
277 56.5 21.8 32.8

Manual Integrations
APPROVED

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

