

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
 Data File : BN026651.D
 Acq On : 22 Jul 2023 13:02
 Operator : MA/JU
 Sample : 03472-09DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46Q3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 14:29:21 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 : Fri Jul 21 19:02:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	2528	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.630	136	8784	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.471	164	5287	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	12016	0.400	ng/ul	0.00
17) Chrysene-d12	21.425	240	7209	0.400	ng/ul	0.00
23) Perylene-d12	23.795	264	7958	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	1365	0.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.241	152	1015m	0.085	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	2518	0.101	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.679	128	578	0.024	ng/ul#	65
10) Acenaphthylene	14.189	152	823	0.032	ng/ul#	77
11) Acenaphthene	14.531	153	424	0.021	ng/ul#	93
12) Fluorene	15.521	166	692	0.033	ng/ul#	92
15) Phenanthrene	17.261	178	7522	0.197	ng/ul	99
16) Anthracene	17.349	178	2004	0.060	ng/ul#	88
19) Fluoranthene	19.282	202	16979	0.502	ng/ul	99
20) Pyrene	19.640	202	16827	0.459	ng/ul#	95
21) Benzo(a)anthracene	21.407	228	6737	0.254	ng/ul#	90
22) Chrysene	21.460	228	5921	0.196	ng/ul#	89
24) Benzo(b)fluoranthene	23.079	252	7966m	0.257	ng/ul	
25) Benzo(k)fluoranthene	23.123	252	2871m	0.088	ng/ul	
26) Benzo(a)pyrene	23.690	252	5695	0.206	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.257	276	3834	0.106	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.267	278	975	0.035	ng/ul#	1
29) Benzo(g,h,i)perylene	27.011	276	3921	0.123	ng/ul#	80

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

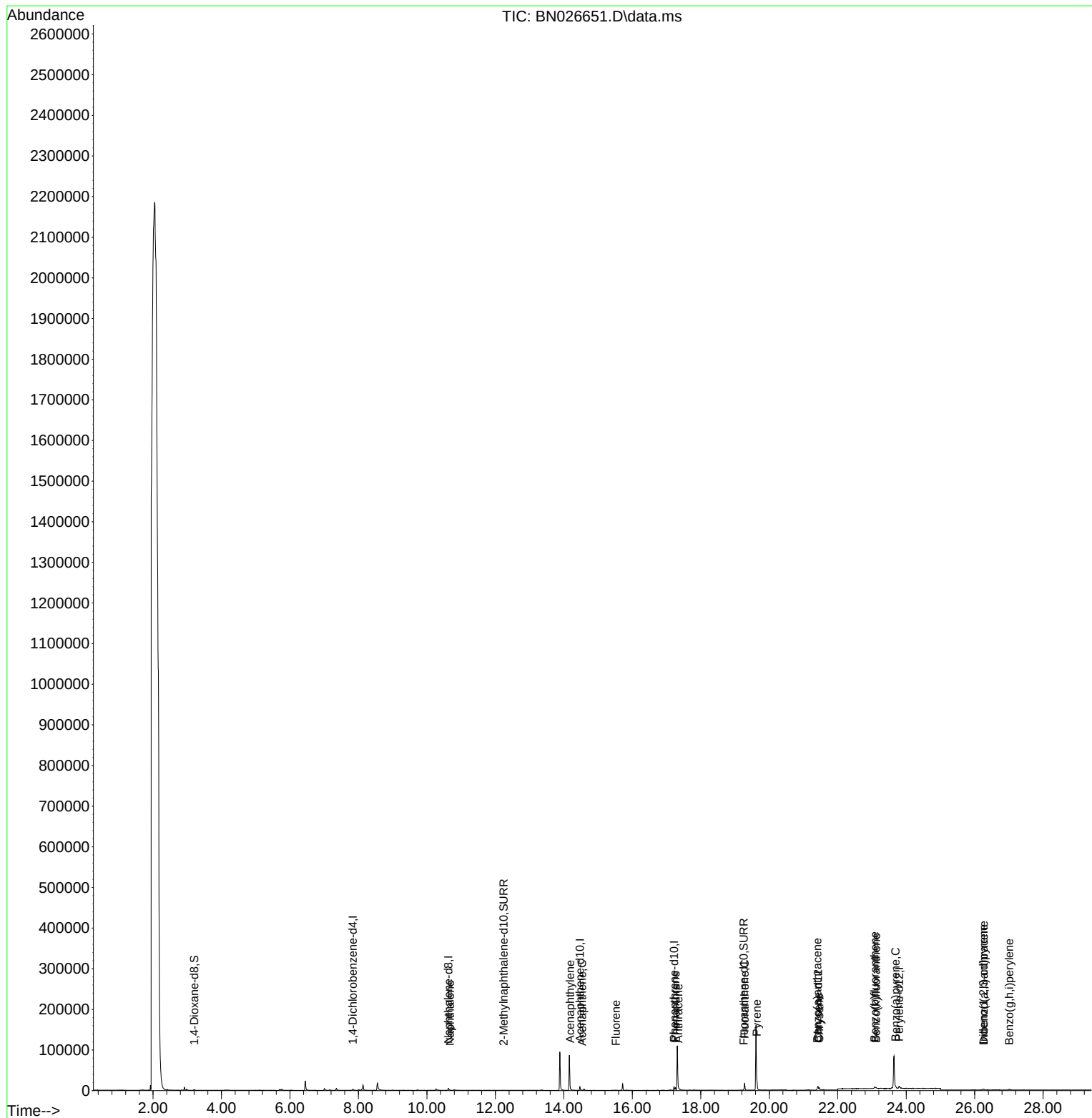
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
Data File : BN026651.D
Acq On : 22 Jul 2023 13:02
Operator : MA/JU
Sample : 03472-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

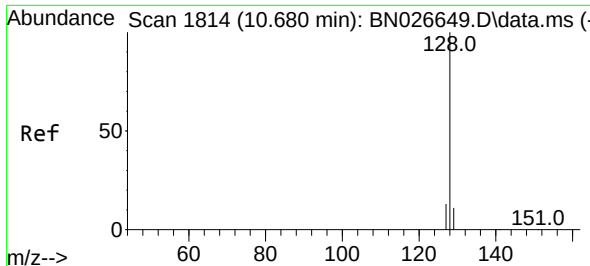
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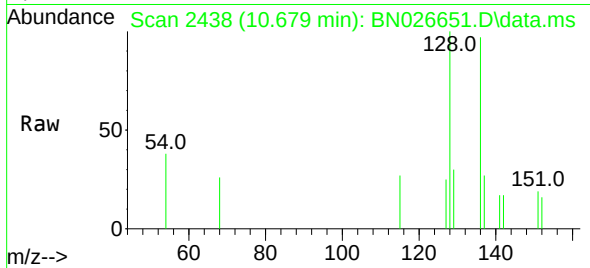
Quant Time: Jul 22 14:29:21 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.679 min Scan# 2438
Delta R.T. -0.012 min
Lab File: BN026651.D
Acq: 22 Jul 2023 13:02

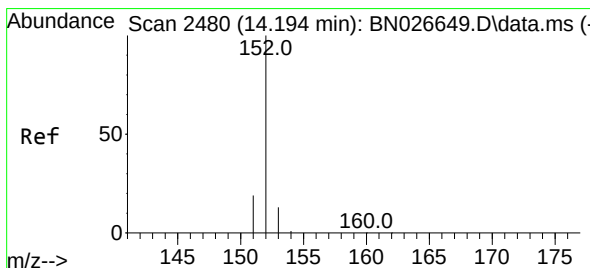
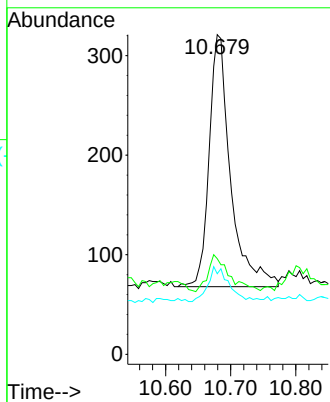
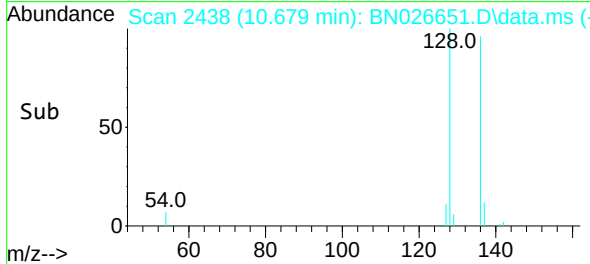
Instrument :
BNA_N
ClientSampleId :
A46Q3DL



Tgt Ion:128 Resp: 578
Ion Ratio Lower Upper
128 100
129 29.9 10.2 15.2#
127 25.2 11.4 17.0#

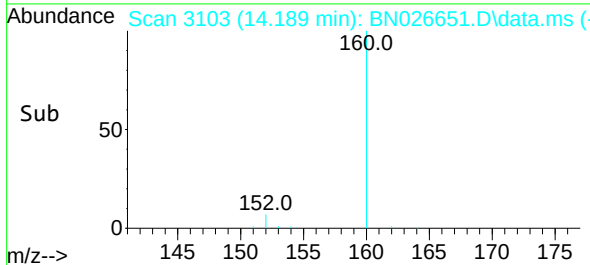
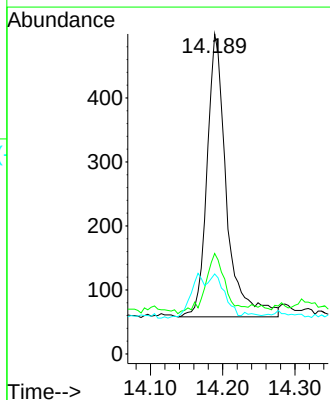
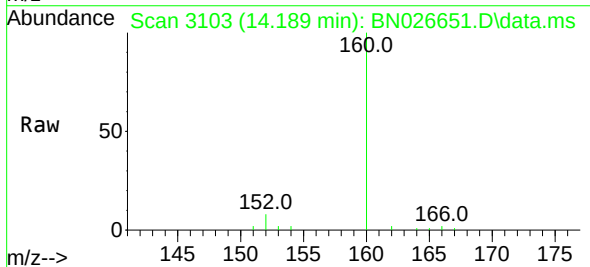
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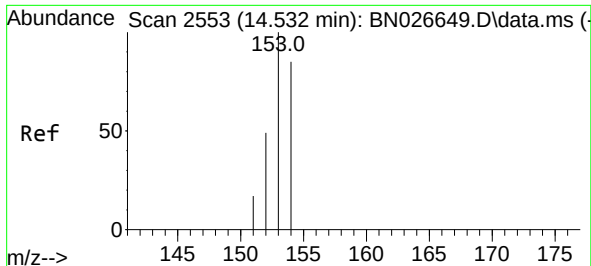
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.189 min Scan# 3103
Delta R.T. -0.010 min
Lab File: BN026651.D
Acq: 22 Jul 2023 13:02

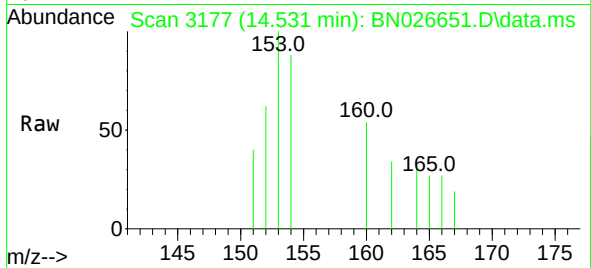
Tgt Ion:152 Resp: 823
Ion Ratio Lower Upper
152 100
151 31.4 17.0 25.6#
153 25.0 11.4 17.2#





#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.531 min Scan# 3177
Delta R.T. -0.005 min
Lab File: BN026651.D
Acq: 22 Jul 2023 13:02

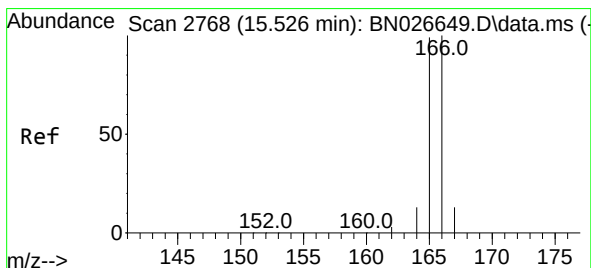
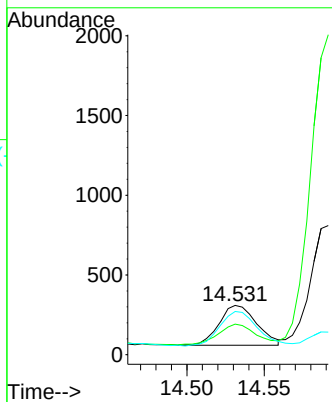
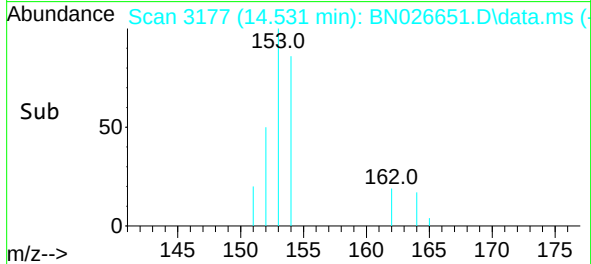
Instrument :
BNA_N
ClientSampleId :
A46Q3DL



Tgt Ion:153 Resp: 424
Ion Ratio Lower Upper
153 100
152 62.1 40.2 60.4
154 87.7 69.3 103.9

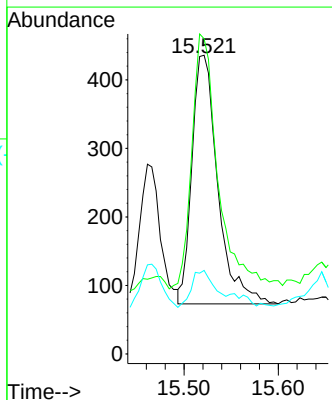
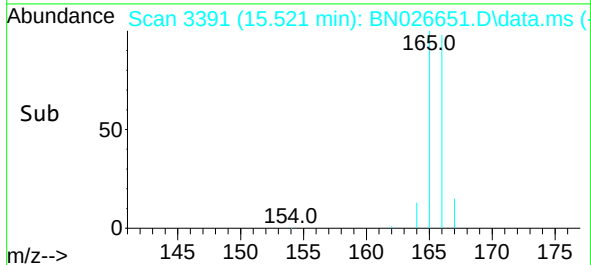
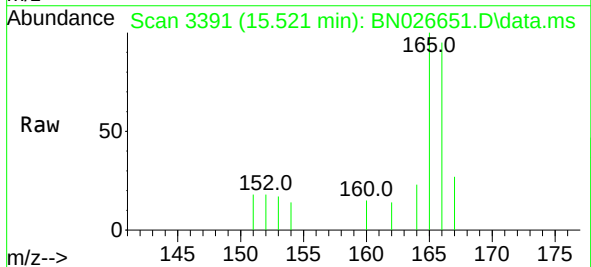
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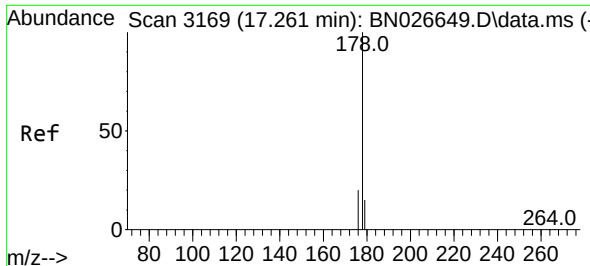
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.033 ng/ul
RT: 15.521 min Scan# 3391
Delta R.T. -0.010 min
Lab File: BN026651.D
Acq: 22 Jul 2023 13:02

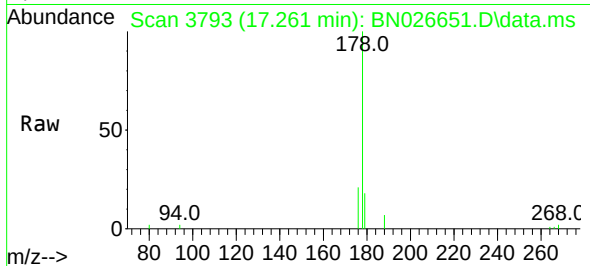
Tgt Ion:166 Resp: 692
Ion Ratio Lower Upper
166 100
165 105.5 80.6 120.8
167 28.0 12.0 18.0





#15
Phenanthrene
Concen: 0.197 ng/u1
RT: 17.261 min Scan# 3169
Delta R.T. -0.005 min
Lab File: BN026651.D
Acq: 22 Jul 2023 13:02

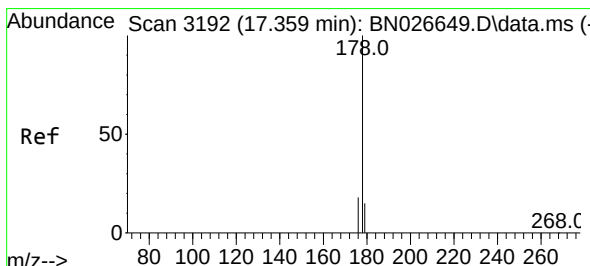
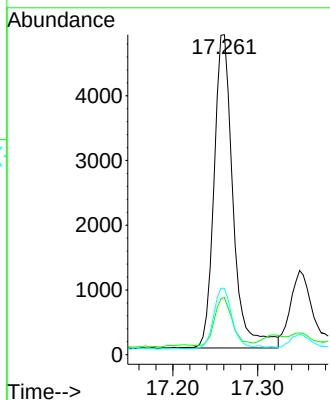
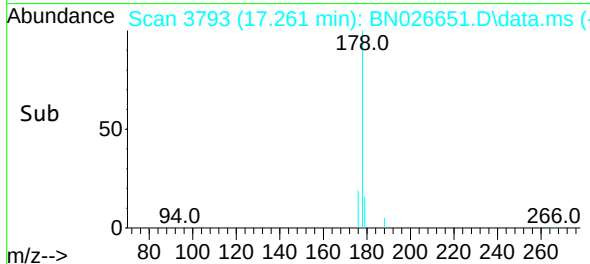
Instrument :
BNA_N
ClientSampleId :
A46Q3DL



Tgt Ion:178 Resp: 752
Ion Ratio Lower Upper
178 100
179 17.8 13.7 20.5
176 20.7 16.5 24.7

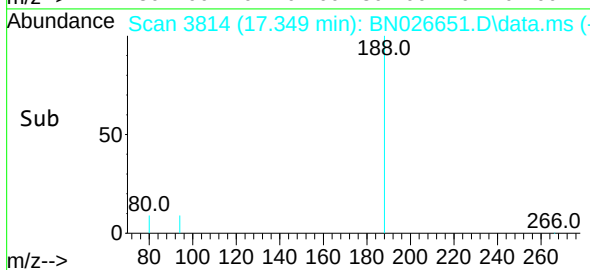
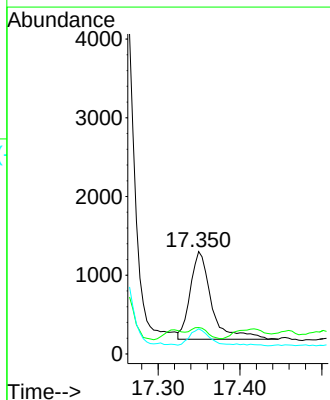
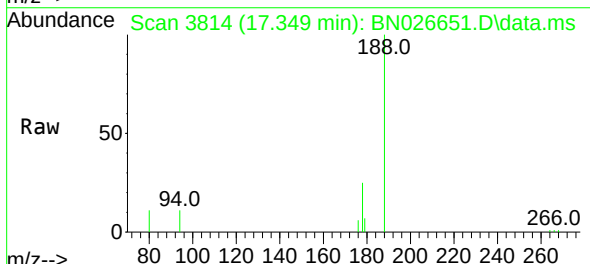
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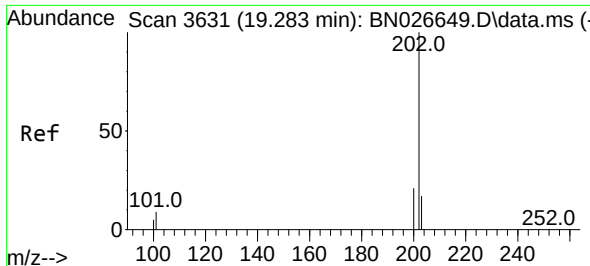
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.060 ng/u1
RT: 17.349 min Scan# 3814
Delta R.T. -0.013 min
Lab File: BN026651.D
Acq: 22 Jul 2023 13:02

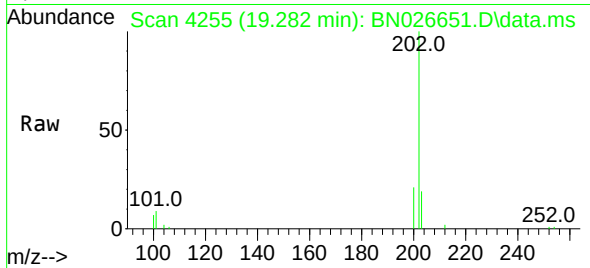
Tgt Ion:178 Resp: 2004
Ion Ratio Lower Upper
178 100
179 25.8 14.8 22.2#
176 24.5 16.6 25.0





#19
Fluoranthene
Concen: 0.502 ng/u1
RT: 19.282 min Scan# 4331
Delta R.T. -0.001 min
Lab File: BN026651.D
Acq: 22 Jul 2023 13:02

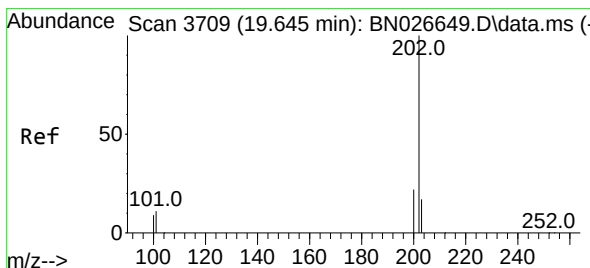
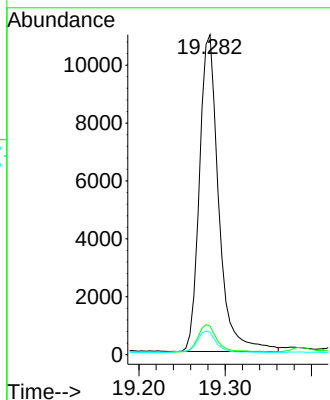
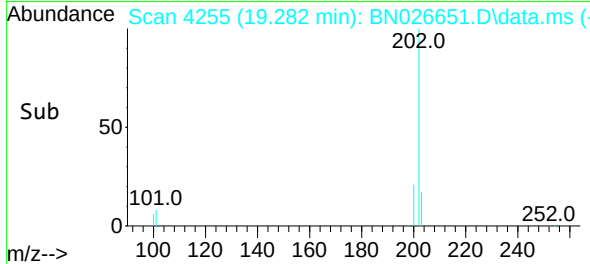
Instrument :
BNA_N
ClientSampleId :
A46Q3DL



Tgt Ion:202 Resp: 16979
Ion Ratio Lower Upper
202 100
101 9.0 7.0 10.4
100 7.1 6.0 9.0

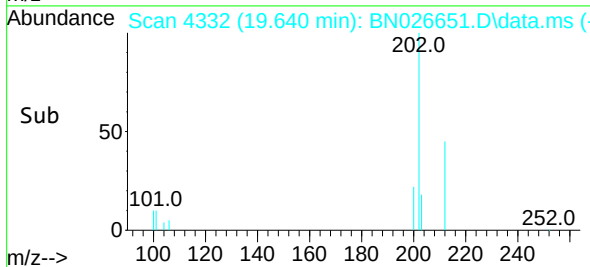
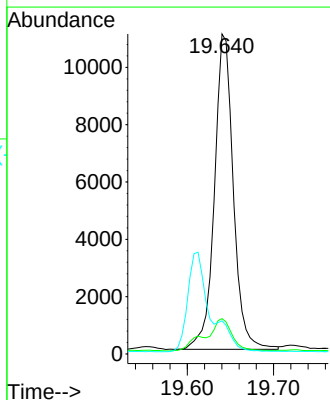
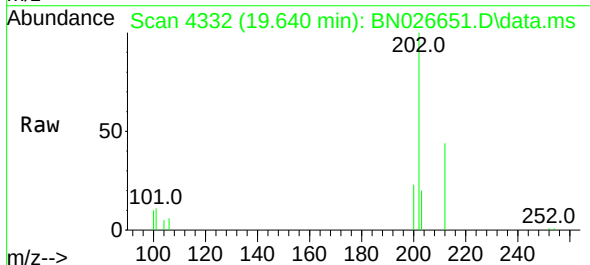
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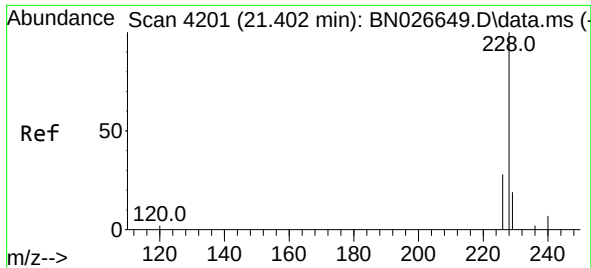
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 0.459 ng/u1
RT: 19.640 min Scan# 4332
Delta R.T. -0.005 min
Lab File: BN026651.D
Acq: 22 Jul 2023 13:02

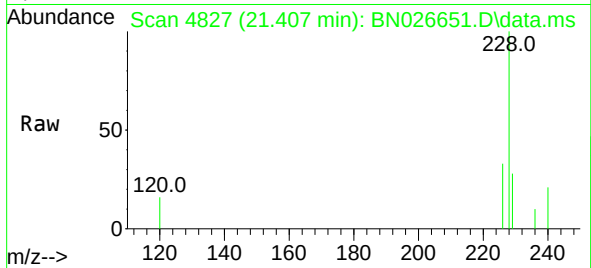
Tgt Ion:202 Resp: 16827
Ion Ratio Lower Upper
202 100
101 11.1 8.0 12.0
100 10.4 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.254 ng/u1
RT: 21.407 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN026651.D
Acq: 22 Jul 2023 13:02

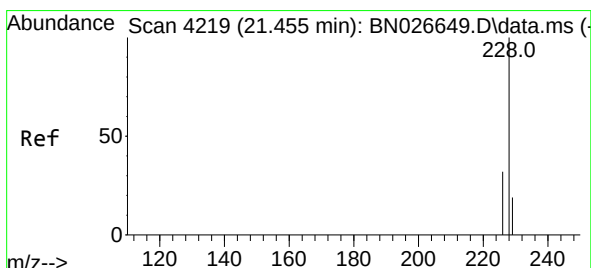
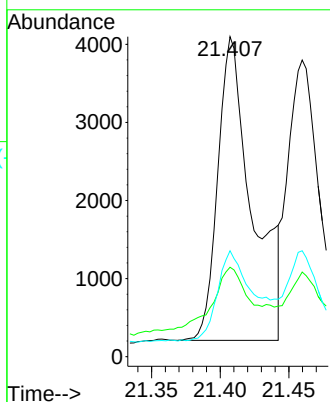
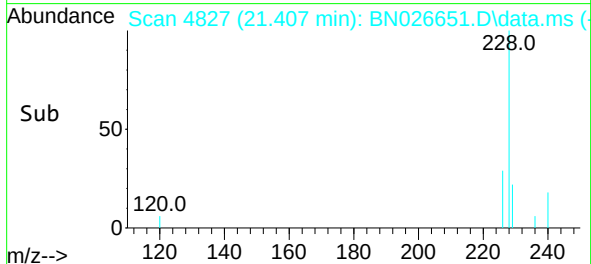
Instrument :
BNA_N
ClientSampleId :
A46Q3DL



Tgt Ion:228 Resp: 6731
Ion Ratio Lower Upper
228 100
229 28.0 16.7 25.1
226 33.1 23.5 35.3

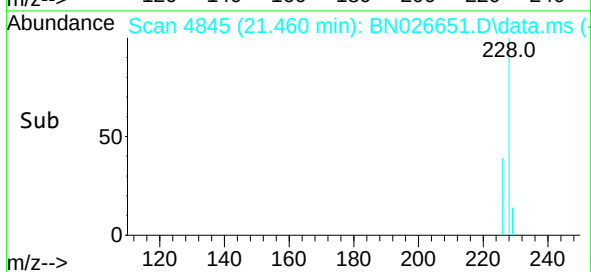
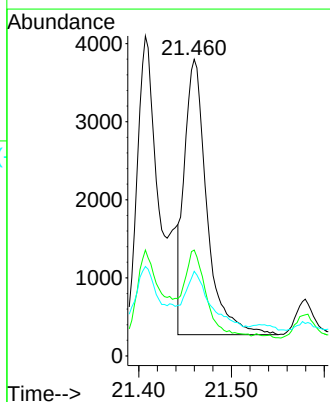
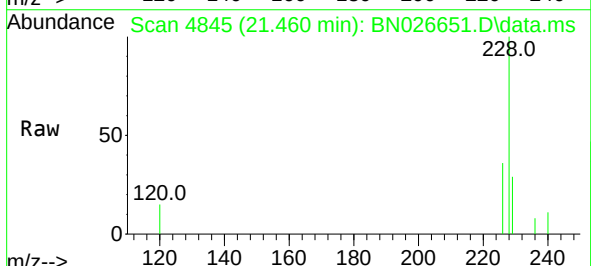
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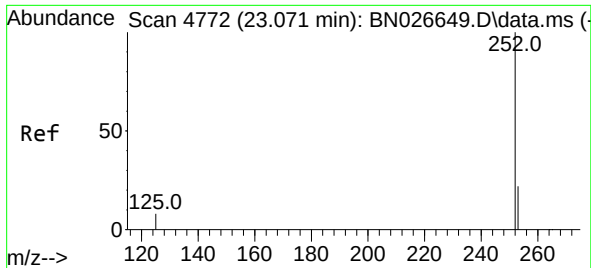
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 0.196 ng/u1
RT: 21.460 min Scan# 4845
Delta R.T. -0.003 min
Lab File: BN026651.D
Acq: 22 Jul 2023 13:02

Tgt Ion:228 Resp: 5921
Ion Ratio Lower Upper
228 100
226 35.7 25.2 37.8
229 28.5 16.4 24.6





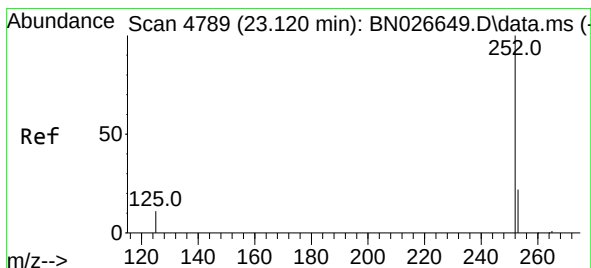
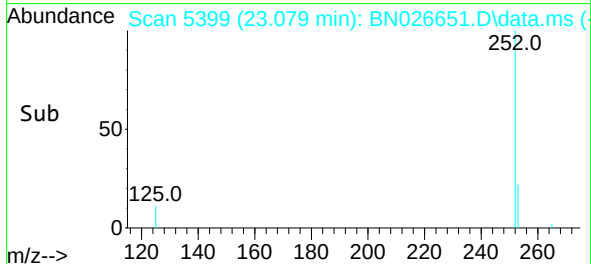
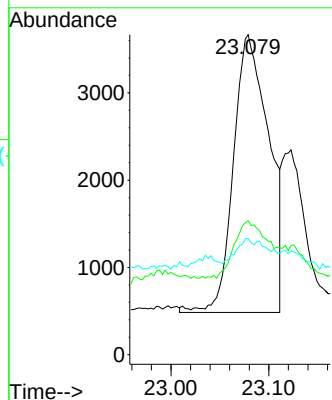
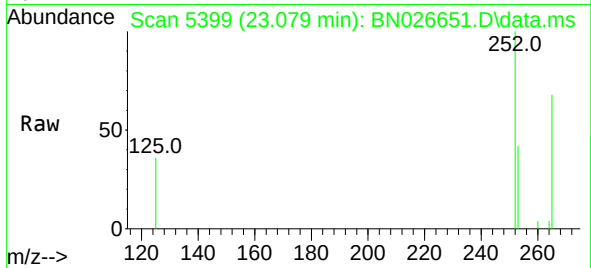
#24
Benzo(b)fluoranthene
Concen: 0.257 ng/ul m
RT: 23.079 min Scan# 51
Delta R.T. -0.001 min
Lab File: BN026651.D
Acq: 22 Jul 2023 13:02

Instrument :
BNA_N
ClientSampleId :
A46Q3DL

Tgt Ion:252 Resp: 7960
Ion Ratio Lower Upper
252 100
253 41.8 0.0 68.6
125 36.2 0.0 34.0

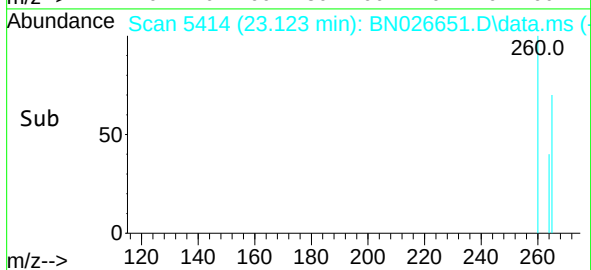
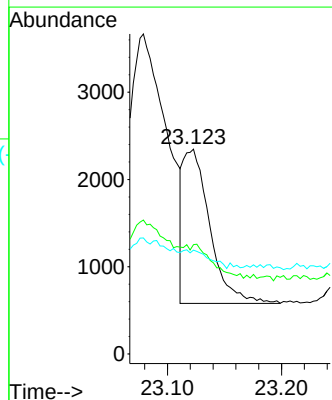
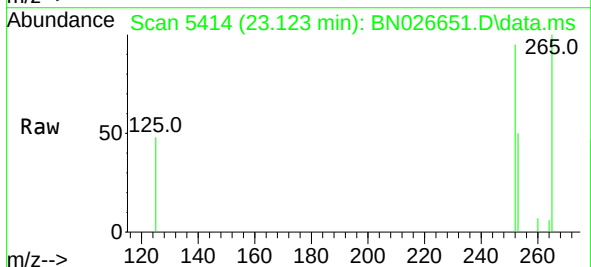
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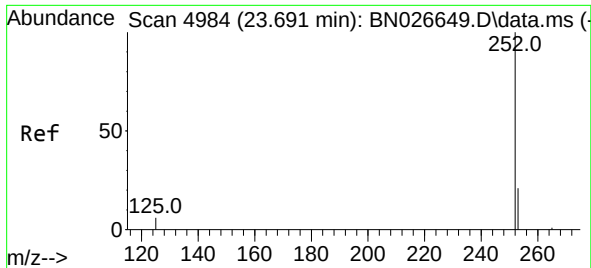
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.088 ng/ul m
RT: 23.123 min Scan# 5414
Delta R.T. -0.006 min
Lab File: BN026651.D
Acq: 22 Jul 2023 13:02

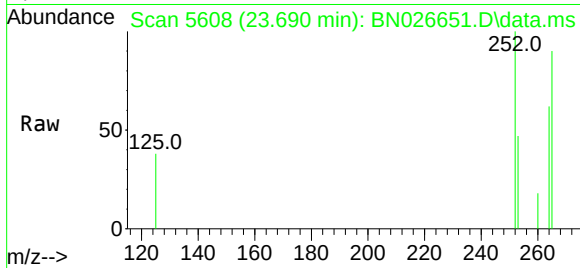
Tgt Ion:252 Resp: 2871
Ion Ratio Lower Upper
252 100
253 53.3 27.2 40.8#
125 50.7 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.206 ng/ul
RT: 23.690 min Scan# 501
Delta R.T. -0.006 min
Lab File: BN026651.D
Acq: 22 Jul 2023 13:02

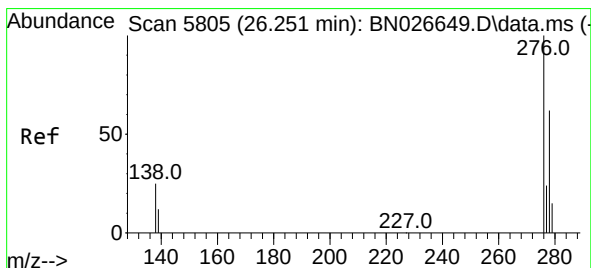
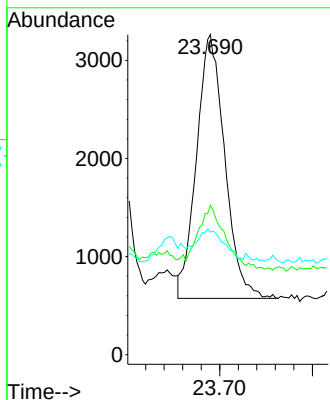
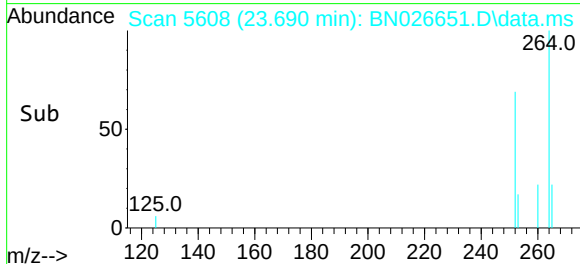
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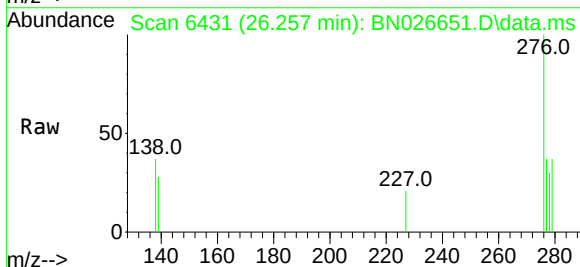
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Ion Ratio Lower Upper
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253 46.7 32.6 49.0
125 38.3 19.3 28.9

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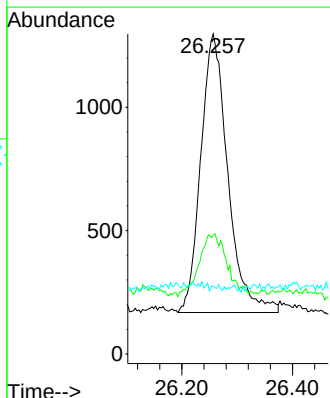
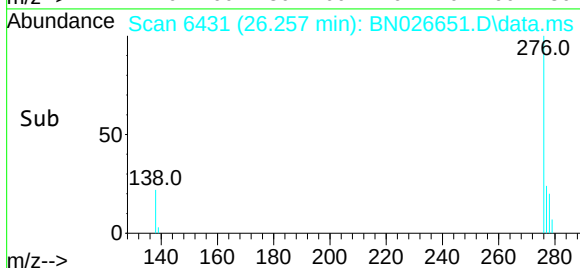
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

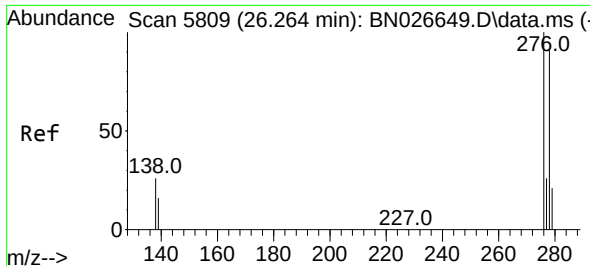


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.106 ng/ul
RT: 26.257 min Scan# 6431
Delta R.T. -0.001 min
Lab File: BN026651.D
Acq: 22 Jul 2023 13:02



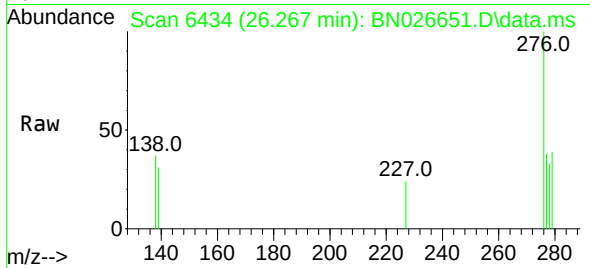
Tgt Ion:276 Resp: 3834
Ion Ratio Lower Upper
276 100
138 23.5 22.2 33.4
227 0.5 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 26.267 min Scan# 6434
Delta R.T. -0.008 min
Lab File: BN026651.D
Acq: 22 Jul 2023 13:02

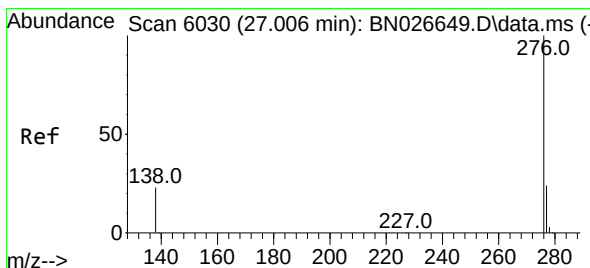
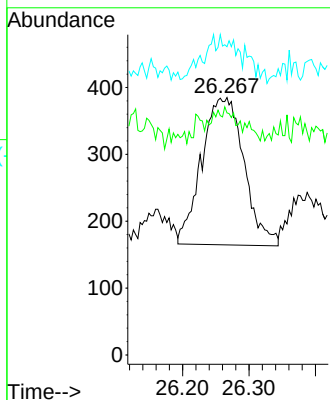
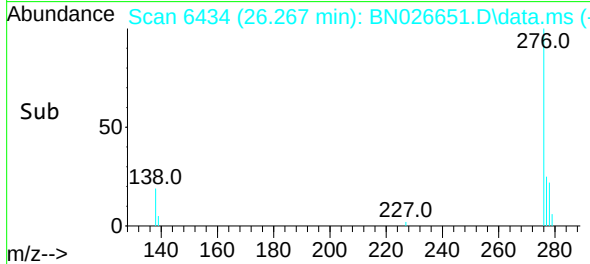
Instrument :
BNA_N
ClientSampleId :
A46Q3DL



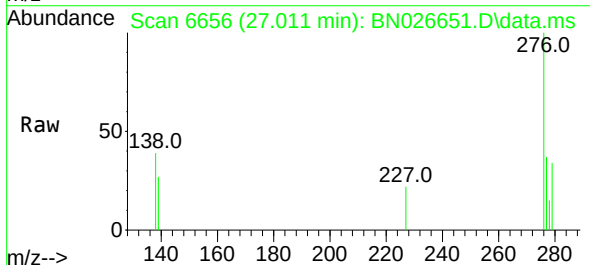
Tgt Ion:278 Resp: 979
Ion Ratio Lower Upper
278 100
139 94.0 18.9 28.3#
279 119.7 31.3 46.9#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.123 ng/ul
RT: 27.011 min Scan# 6656
Delta R.T. -0.001 min
Lab File: BN026651.D
Acq: 22 Jul 2023 13:02



Tgt Ion:276 Resp: 3921
Ion Ratio Lower Upper
276 100
138 38.6 22.6 34.0#
277 37.4 21.8 32.8#

