

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026715.D
 Acq On : 24 Jul 2023 15:52
 Operator : MA/JU
 Sample : 03504-14
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46R7

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 16:24:06 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	2133	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.625	136	6733	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.462	164	4515	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	9324	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.419	240	6606	0.400	ng/ul	# 0.00
23) Perylene-d12	23.793	264	7450	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.195	96	3974	1.415	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	2839	0.310	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	6161	0.269	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.675	128	675	0.037	ng/ul#	55
8) 1-Methylnaphthalene	12.517	142	244	0.022	ng/ul#	70
10) Acenaphthylene	14.185	152	603	0.027	ng/ul#	59
11) Acenaphthene	14.527	153	968	0.057	ng/ul	96
12) Fluorene	15.513	166	912	0.052	ng/ul#	93
15) Phenanthrene	17.253	178	15748	0.530	ng/ul	99
16) Anthracene	17.346	178	846m	0.033	ng/ul	
19) Fluoranthene	19.274	202	27300	0.882	ng/ul#	94
20) Pyrene	19.636	202	16926	0.503	ng/ul#	95
21) Benzo(a)anthracene	21.402	228	8741	0.360	ng/ul	98
22) Chrysene	21.455	228	9227	0.334	ng/ul	97
24) Benzo(b)fluoranthene	23.074	252	12536m	0.432	ng/ul	
25) Benzo(k)fluoranthene	23.115	252	4944m	0.163	ng/ul	
26) Benzo(a)pyrene	23.688	252	1042	0.040	ng/ul#	10
27) Indeno(1,2,3-cd)pyrene	26.254	276	3729	0.110	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.258	278	1456	0.056	ng/ul#	25

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

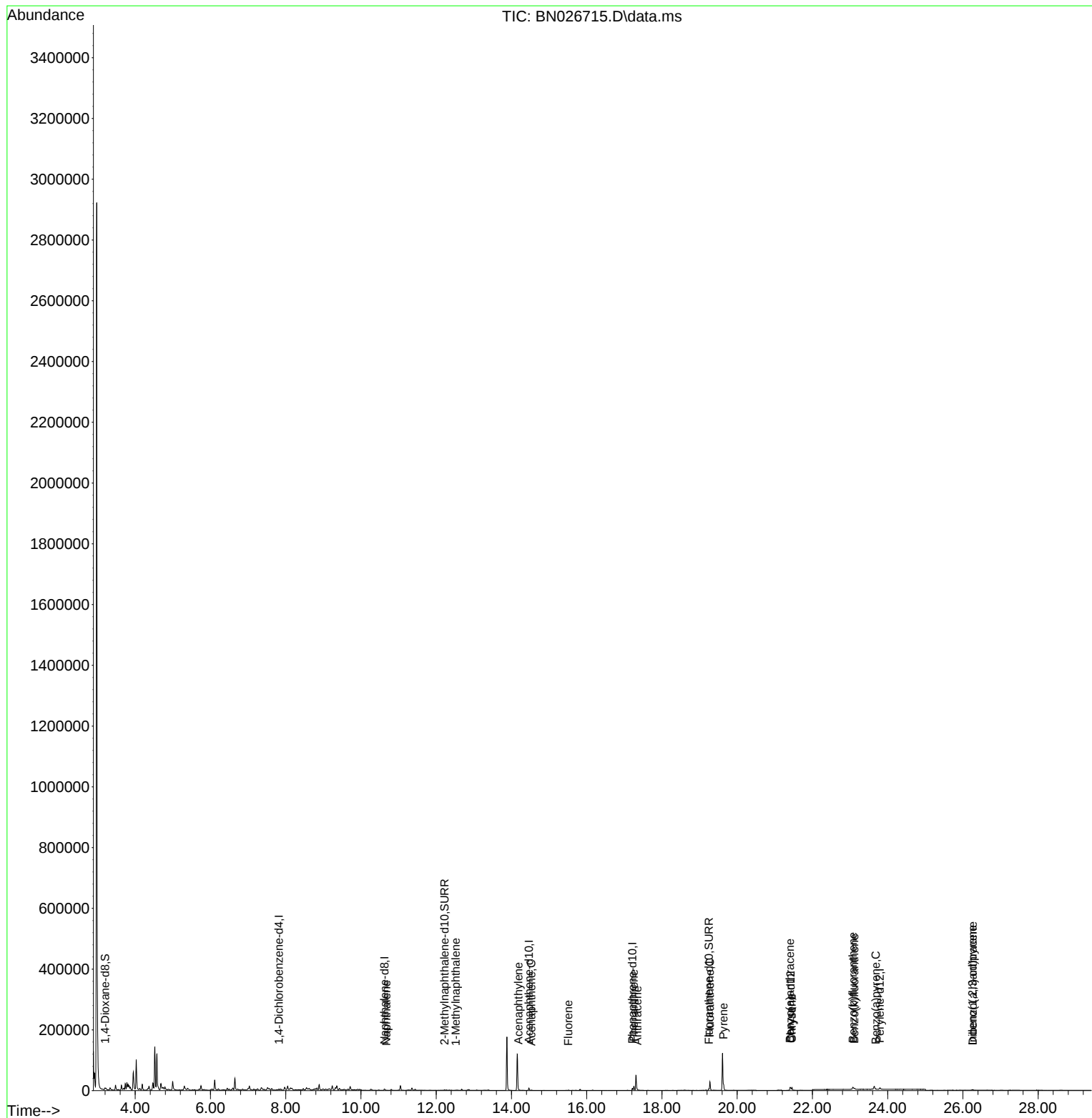
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026715.D
Acq On : 24 Jul 2023 15:52
Operator : MA/JU
Sample : 03504-14
Misc :
ALS Vial : 50 Sample Multiplier: 1

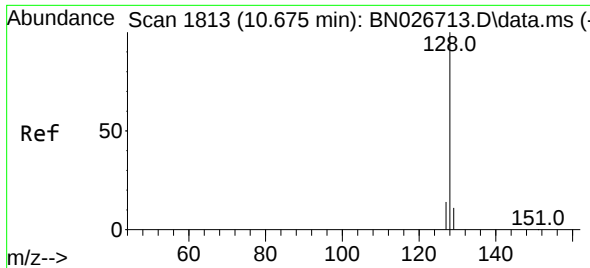
Instrument :
BNA_N
ClientSampleId :
A46R7

Manual Integrations
APPROVED

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

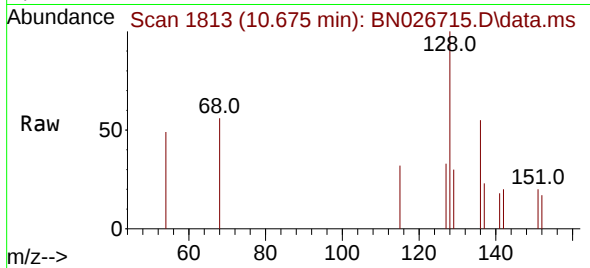
Quant Time: Jul 24 16:24:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.675 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BN026715.D
Acq: 24 Jul 2023 15:52

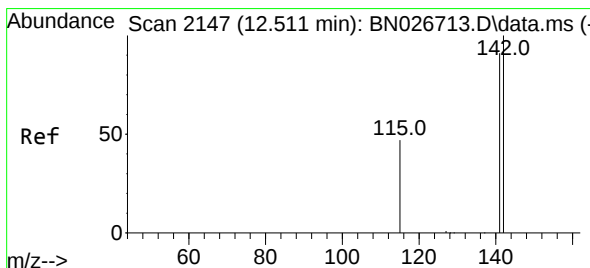
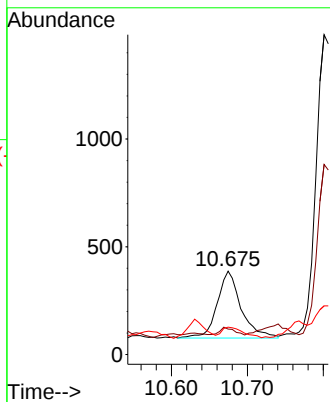
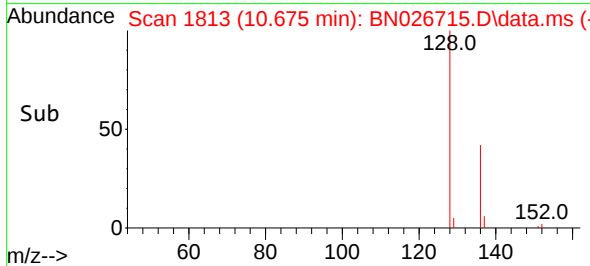
Instrument :
BNA_N
ClientSampleId :
A46R7



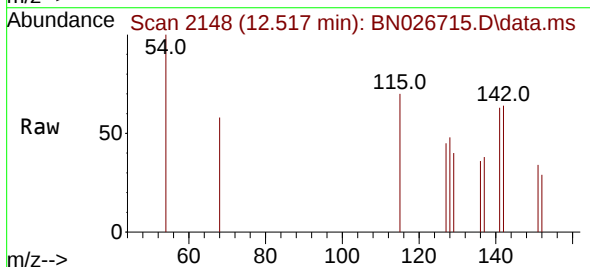
Tgt Ion:128 Resp: 675
Ion Ratio Lower Upper
128 100
129 30.5 10.2 15.2
127 32.8 11.4 17.0

Manual Integrations
APPROVED

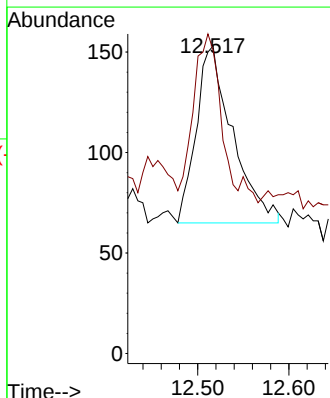
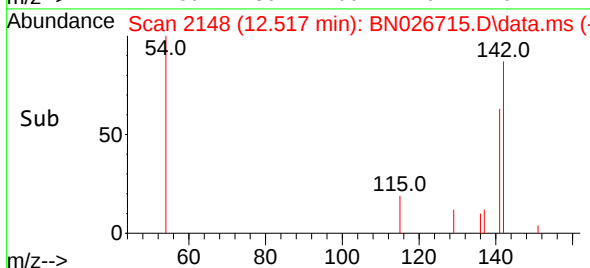
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

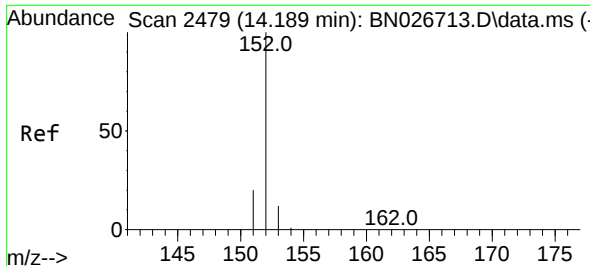


#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. 0.006 min
Lab File: BN026715.D
Acq: 24 Jul 2023 15:52



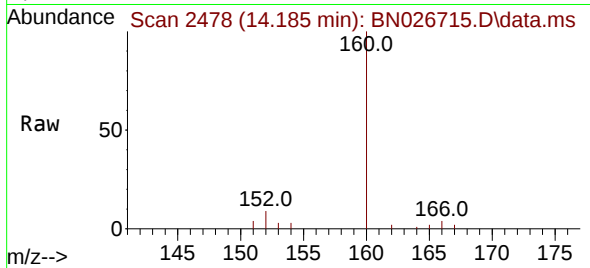
Tgt Ion:142 Resp: 244
Ion Ratio Lower Upper
142 100
141 63.9 74.5 111.7#





#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.185 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BN026715.D
Acq: 24 Jul 2023 15:52

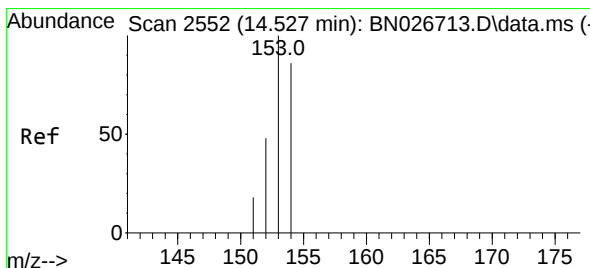
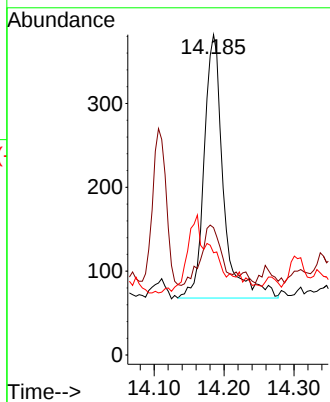
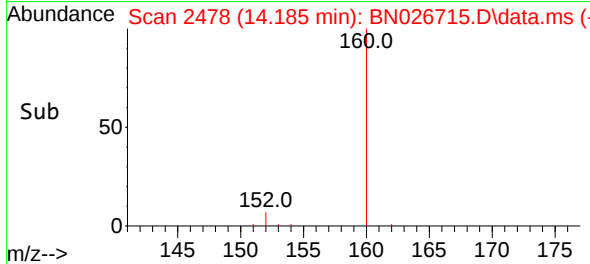
Instrument :
BNA_N
ClientSampleId :
A46R7



Tgt Ion:152 Resp: 600
Ion Ratio Lower Upper
152 100
151 39.8 17.0 25.6
153 31.9 11.4 17.2

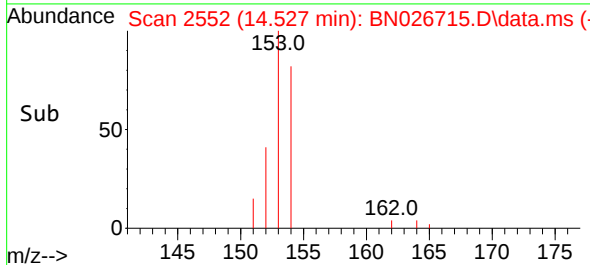
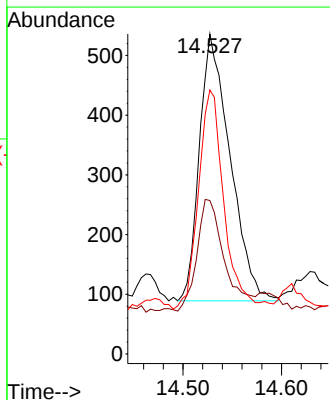
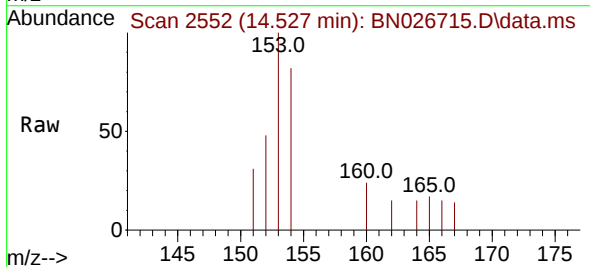
Manual Integrations
APPROVED

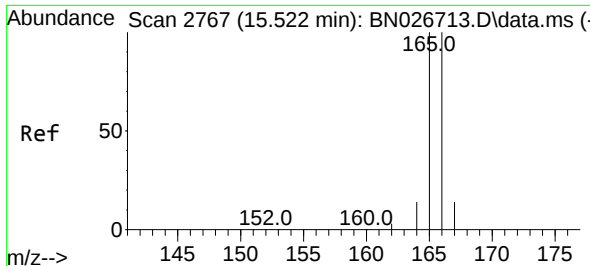
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#11
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.527 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BN026715.D
Acq: 24 Jul 2023 15:52

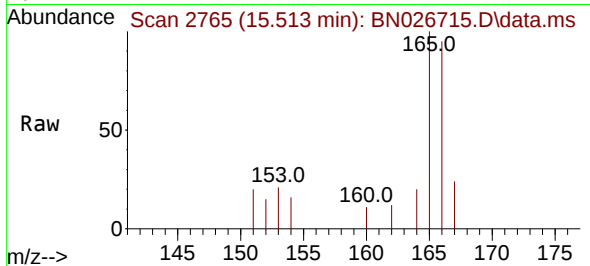
Tgt Ion:153 Resp: 968
Ion Ratio Lower Upper
153 100
152 47.9 40.2 60.4
154 82.5 69.3 103.9





#12
Fluorene
Concen: 0.052 ng/u1
RT: 15.513 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026715.D
Acq: 24 Jul 2023 15:52

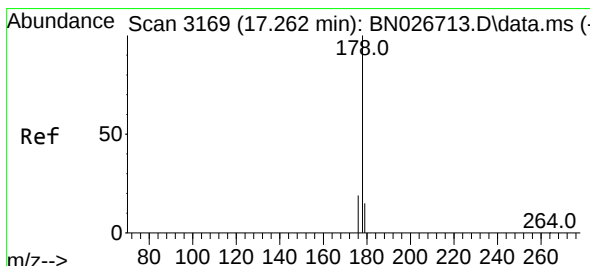
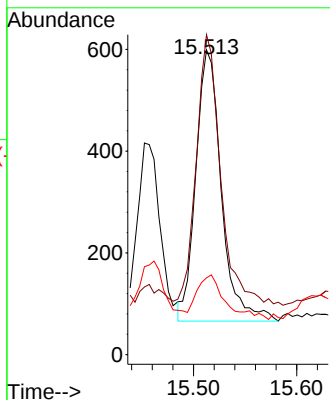
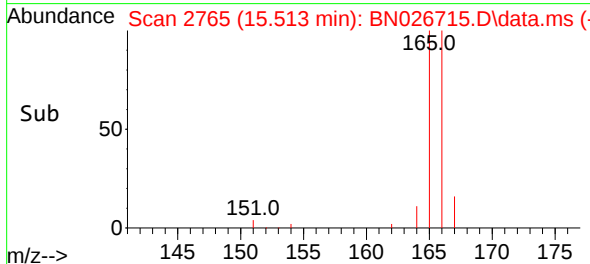
Instrument :
BNA_N
ClientSampleId :
A46R7



Tgt Ion:166 Resp: 912
Ion Ratio Lower Upper
166 100
165 105.0 80.6 120.8
167 25.2 12.0 18.0

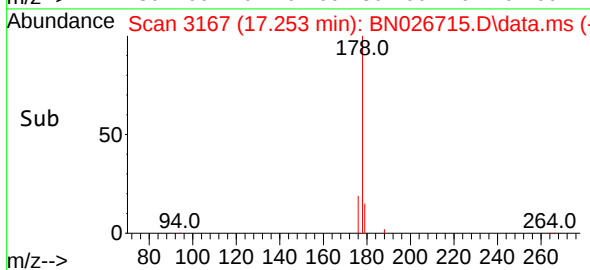
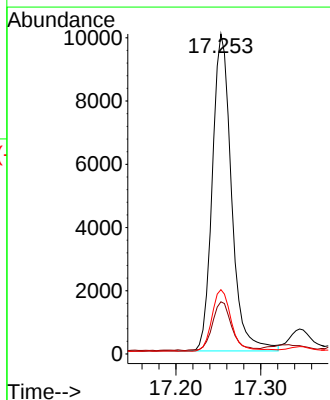
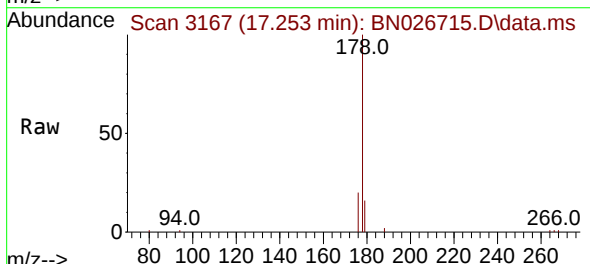
Manual Integrations
APPROVED

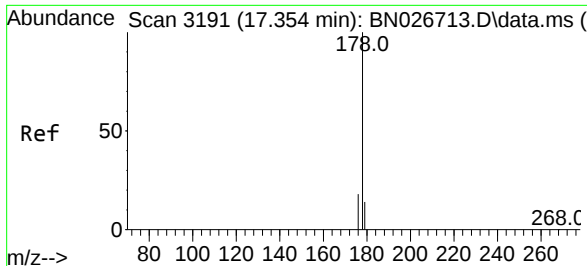
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#15
Phenanthrene
Concen: 0.530 ng/u1
RT: 17.253 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BN026715.D
Acq: 24 Jul 2023 15:52

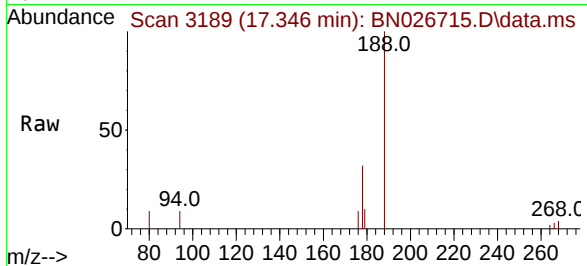
Tgt Ion:178 Resp: 15748
Ion Ratio Lower Upper
178 100
179 16.3 13.7 20.5
176 20.1 16.5 24.7





#16
 Anthracene
 Concen: 0.033 ng/ul m
 RT: 17.346 min Scan# 3191
 Delta R.T. -0.004 min
 Lab File: BN026715.D
 Acq: 24 Jul 2023 15:52

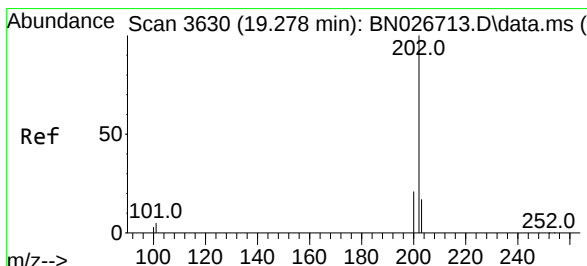
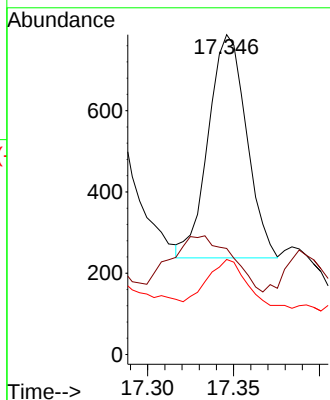
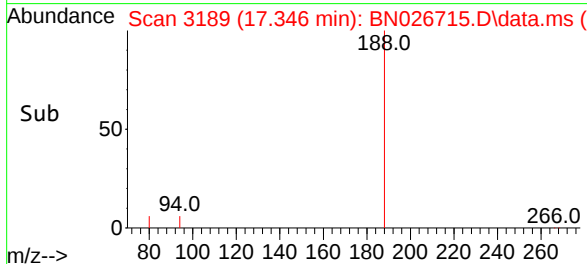
Instrument :
 BNA_N
 ClientSampleId :
 A46R7



Tgt Ion:178 Resp: 840
 Ion Ratio Lower Upper
 178 100
 179 33.2 14.8 22.2#
 176 29.7 16.6 25.0#

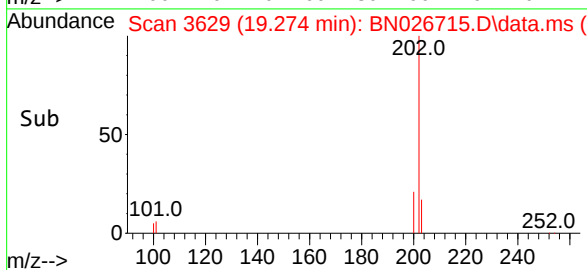
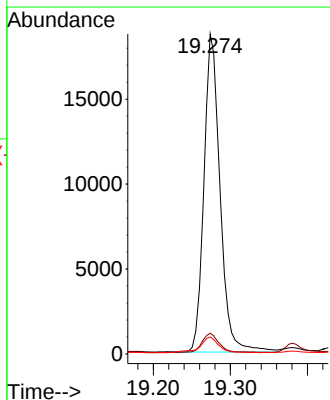
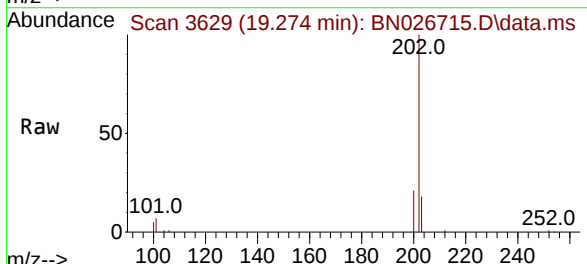
Manual Integrations
 APPROVED

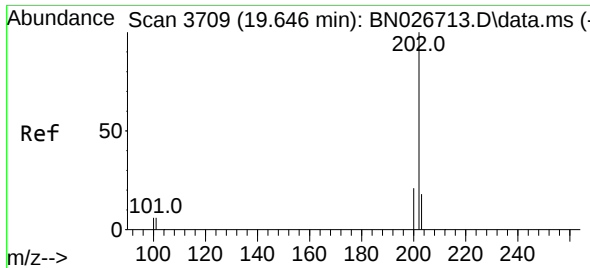
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



#19
 Fluoranthene
 Concen: 0.882 ng/ul
 RT: 19.274 min Scan# 3629
 Delta R.T. -0.005 min
 Lab File: BN026715.D
 Acq: 24 Jul 2023 15:52

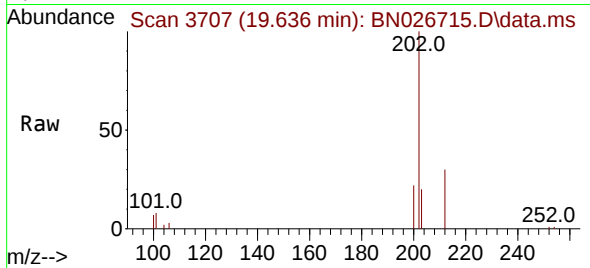
Tgt Ion:202 Resp: 27300
 Ion Ratio Lower Upper
 202 100
 101 6.5 7.0 10.4#
 100 5.3 6.0 9.0#





#20
Pyrene
Concen: 0.503 ng/u1
RT: 19.636 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN026715.D
Acq: 24 Jul 2023 15:52

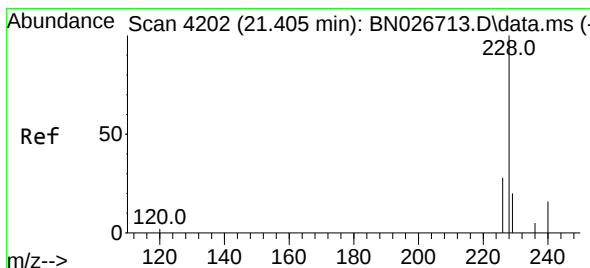
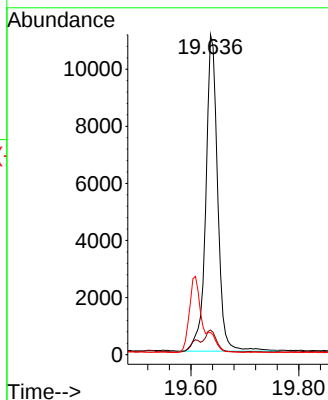
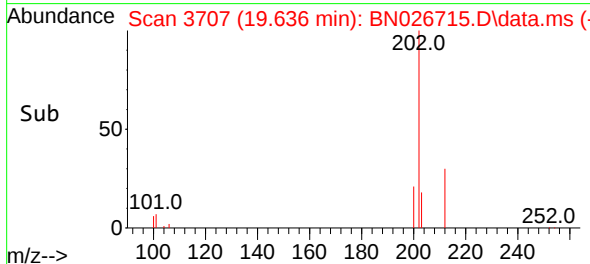
Instrument :
BNA_N
ClientSampleId :
A46R7



Tgt Ion:202 Resp: 16920
Ion Ratio Lower Upper
202 100
101 7.7 8.0 12.0
100 6.9 6.2 9.2

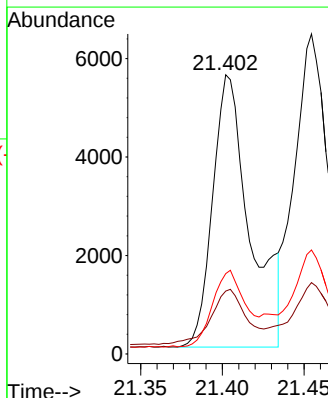
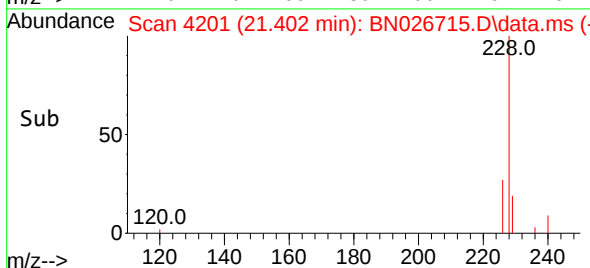
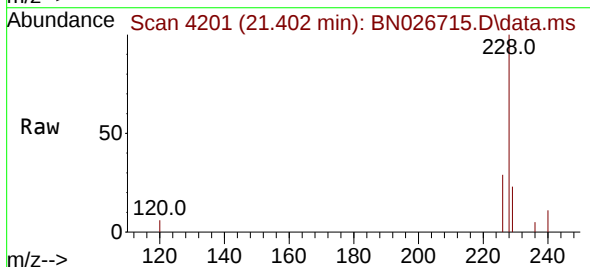
Manual Integrations
APPROVED

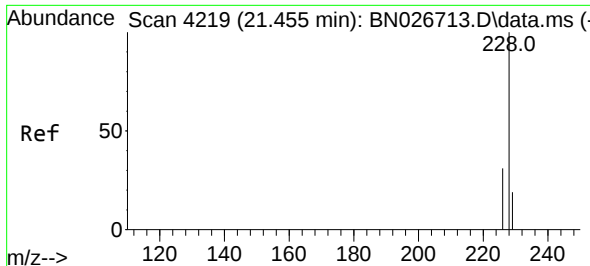
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#21
Benzo(a)anthracene
Concen: 0.360 ng/u1
RT: 21.402 min Scan# 4201
Delta R.T. 0.000 min
Lab File: BN026715.D
Acq: 24 Jul 2023 15:52

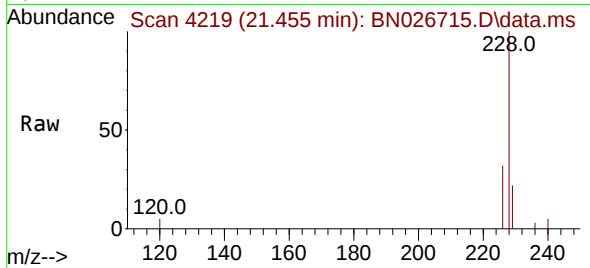
Tgt Ion:228 Resp: 8741
Ion Ratio Lower Upper
228 100
229 22.5 16.7 25.1
226 28.8 23.5 35.3





#22
Chrysene
Concen: 0.334 ng/ul
RT: 21.455 min Scan# 4219
Delta R.T. 0.000 min
Lab File: BN026715.D
Acq: 24 Jul 2023 15:52

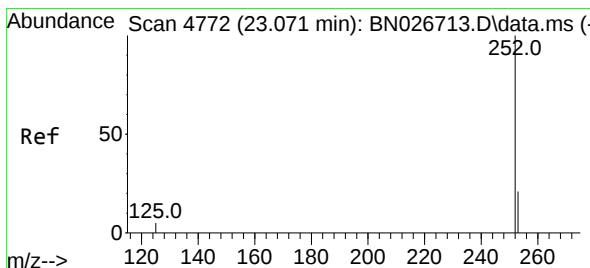
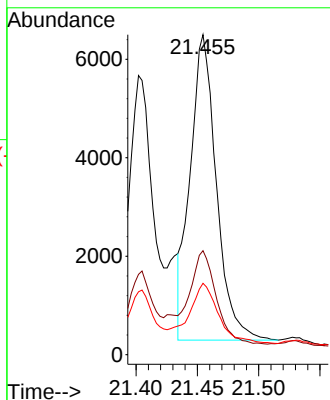
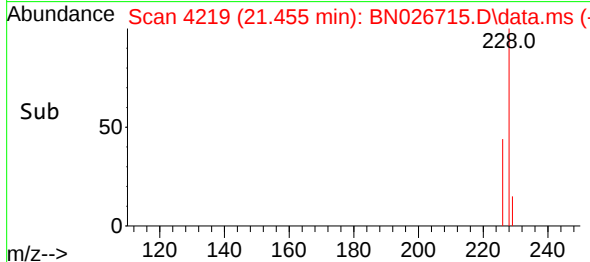
Instrument :
BNA_N
ClientSampleId :
A46R7



Tgt Ion:228 Resp: 9227
Ion Ratio Lower Upper
228 100
226 32.5 25.2 37.8
229 22.3 16.4 24.6

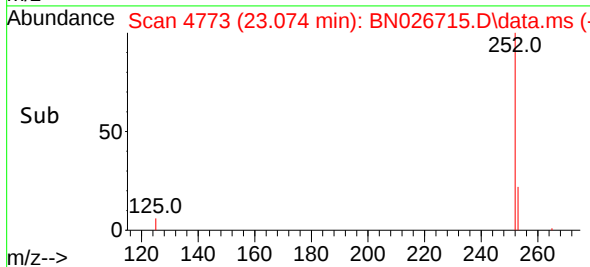
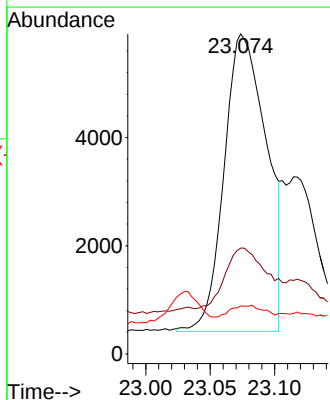
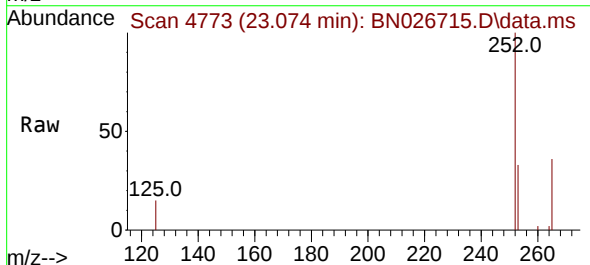
Manual Integrations
APPROVED

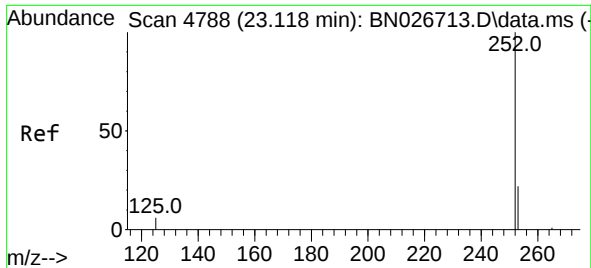
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#24
Benzo(b)fluoranthene
Concen: 0.432 ng/ul m
RT: 23.074 min Scan# 4773
Delta R.T. 0.006 min
Lab File: BN026715.D
Acq: 24 Jul 2023 15:52

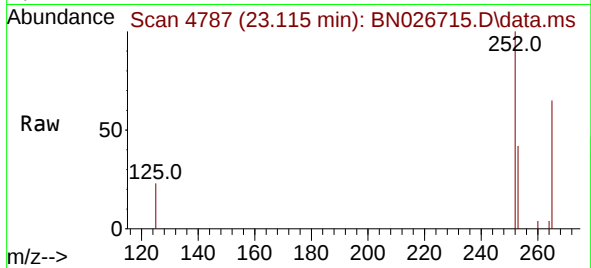
Tgt Ion:252 Resp: 12536
Ion Ratio Lower Upper
252 100
253 33.1 0.0 68.6
125 15.0 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.163 ng/ul m
RT: 23.115 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN026715.D
Acq: 24 Jul 2023 15:52

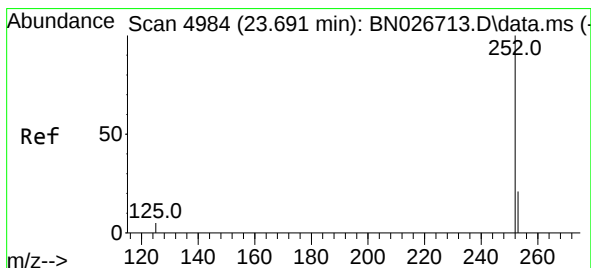
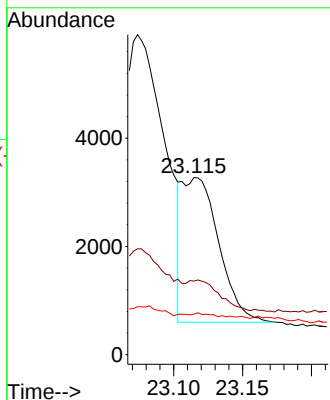
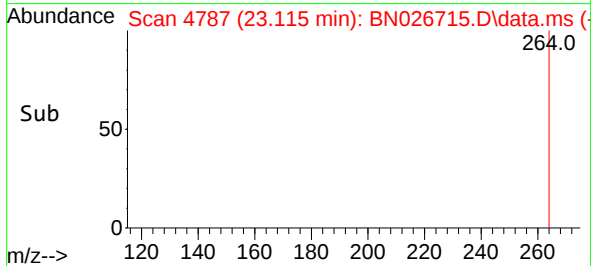
Instrument :
BNA_N
ClientSampleId :
A46R7



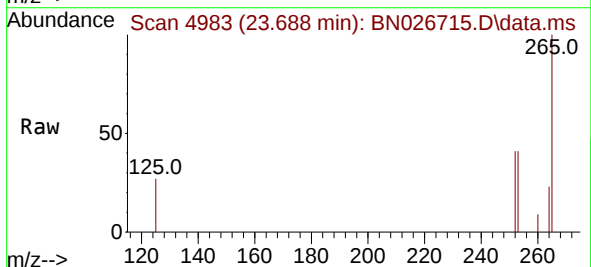
Tgt Ion:252 Resp: 4944
Ion Ratio Lower Upper
252 100
253 41.5 27.2 40.8#
125 22.9 13.4 20.2#

Manual Integrations
APPROVED

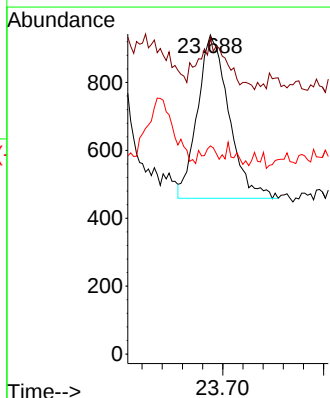
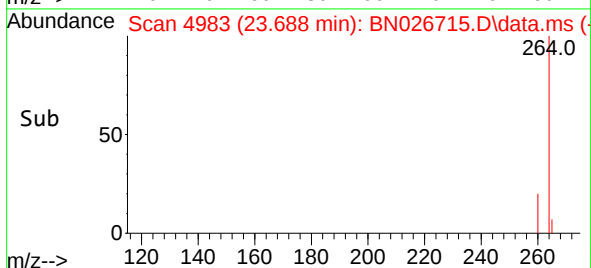
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

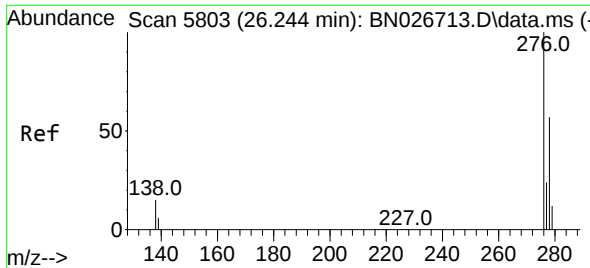


#26
Benzo(a)pyrene
Concen: 0.040 ng/ul
RT: 23.688 min Scan# 4983
Delta R.T. 0.003 min
Lab File: BN026715.D
Acq: 24 Jul 2023 15:52



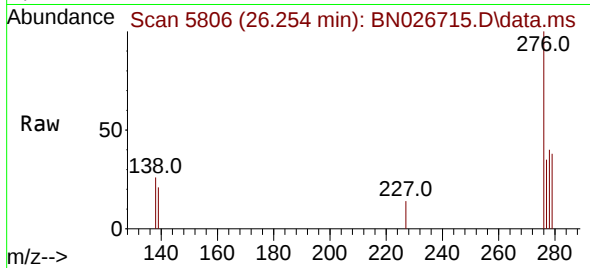
Tgt Ion:252 Resp: 1042
Ion Ratio Lower Upper
252 100
253 99.4 32.6 49.0#
125 65.2 19.3 28.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.110 ng/ul
RT: 26.254 min Scan# 5806
Delta R.T. 0.003 min
Lab File: BN026715.D
Acq: 24 Jul 2023 15:52

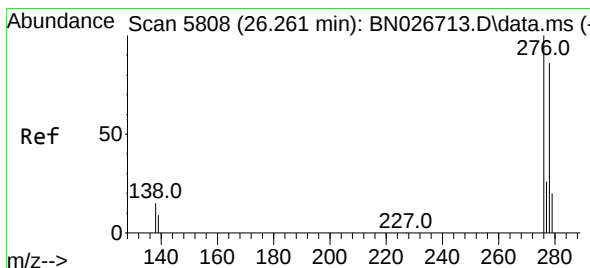
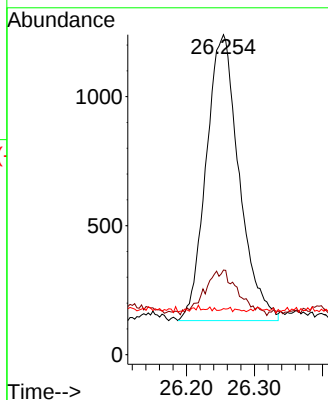
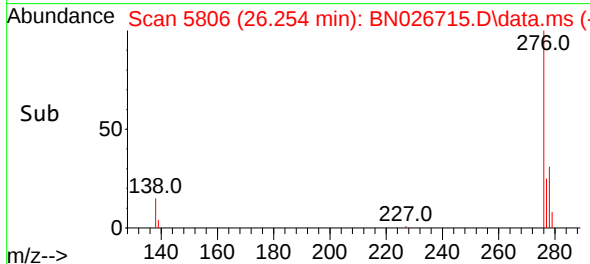
Instrument :
BNA_N
ClientSampleId :
A46R7



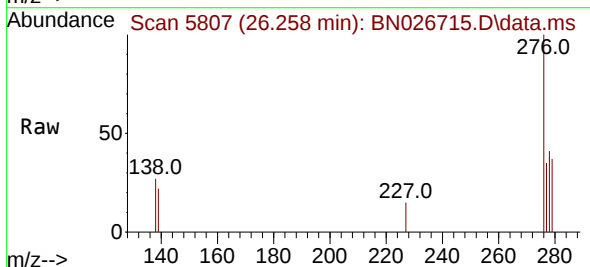
Tgt Ion:276 Resp: 3729
Ion Ratio Lower Upper
276 100
138 16.4 22.2 33.4#
227 0.3 0.1 0.1#

Manual Integrations
APPROVED

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



#28
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 26.258 min Scan# 5807
Delta R.T. 0.000 min
Lab File: BN026715.D
Acq: 24 Jul 2023 15:52



Tgt Ion:278 Resp: 1456
Ion Ratio Lower Upper
278 100
139 54.2 18.9 28.3#
279 89.9 31.3 46.9#

