

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
 Data File : BN026652.D
 Acq On : 22 Jul 2023 13:38
 Operator : MA/JU
 Sample : 03472-19DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46R0DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 22:56:10 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	7.836	152	3544	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.631	136	11858	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.472	164	7015	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	15942	0.400	ng/ul	0.00
17) Chrysene-d12	21.419	240	9207	0.400	ng/ul	0.00
23) Perylene-d12	23.793	264	9709	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	1604	0.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	881	0.055	ng/ul	0.00
18) Fluoranthene-d10	19.251	212	2570	0.081	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.680	128	785	0.024	ng/ul#	63
10) Acenaphthylene	14.190	152	1339	0.039	ng/ul#	83
11) Acenaphthene	14.532	153	691	0.026	ng/ul	94
12) Fluorene	15.522	166	1012	0.037	ng/ul#	96
15) Phenanthrene	17.262	178	17670	0.348	ng/ul	99
16) Anthracene	17.350	178	3176	0.072	ng/ul#	92
19) Fluoranthene	19.278	202	33354	0.773	ng/ul	98
20) Pyrene	19.641	202	31088	0.663	ng/ul#	97
21) Benzo(a)anthracene	21.402	228	10916	0.323	ng/ul	95
22) Chrysene	21.455	228	10384	0.270	ng/ul	95
24) Benzo(b)fluoranthene	23.071	252	13557m	0.358	ng/ul	
25) Benzo(k)fluoranthene	23.118	252	4464m	0.113	ng/ul	
26) Benzo(a)pyrene	23.685	252	8513	0.253	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.248	276	6513	0.148	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.258	278	1397	0.041	ng/ul#	6
29) Benzo(g,h,i)perylene	27.006	276	6639	0.170	ng/ul	95

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

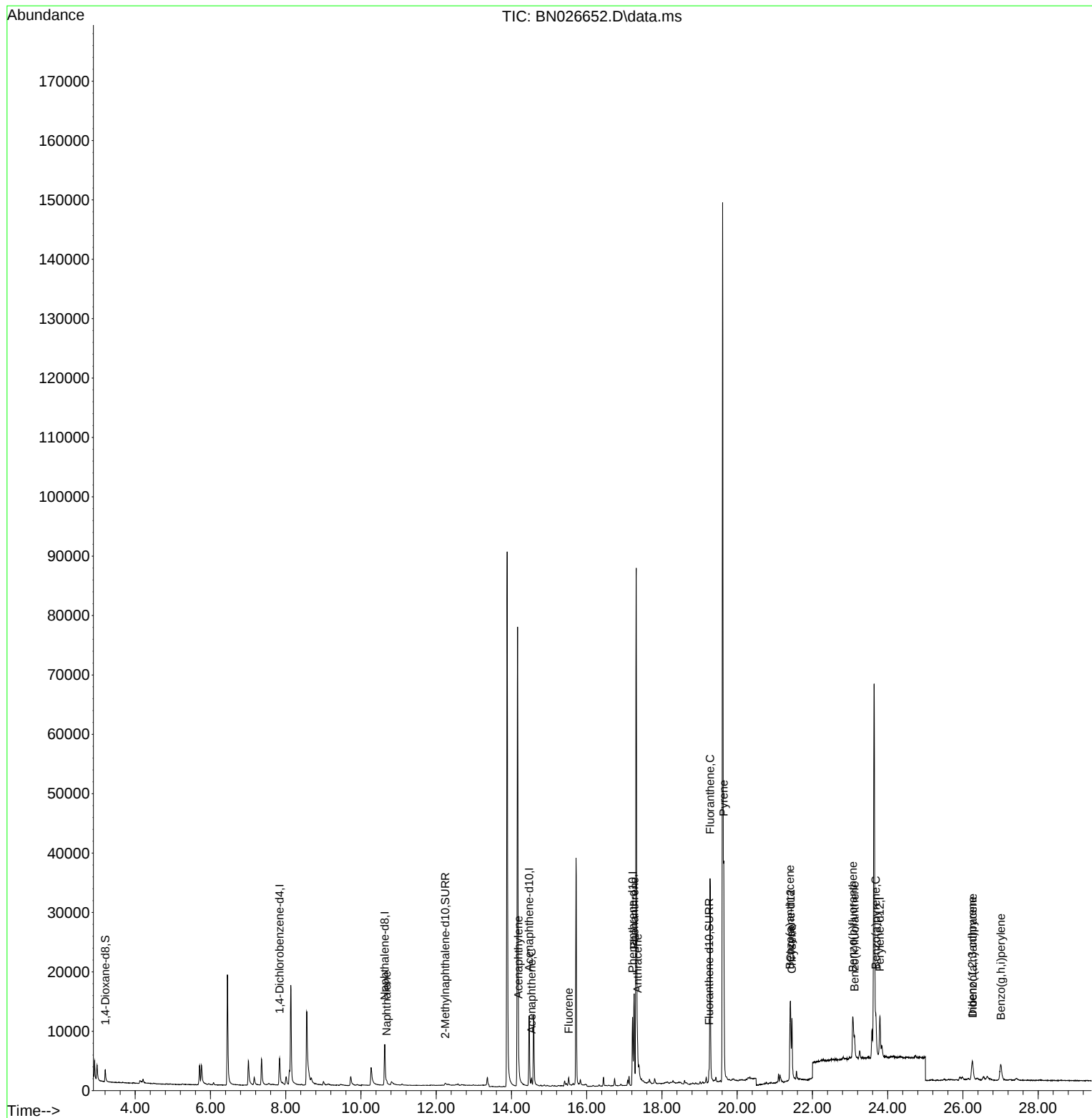
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
Data File : BN026652.D
Acq On : 22 Jul 2023 13:38
Operator : MA/JU
Sample : 03472-19DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

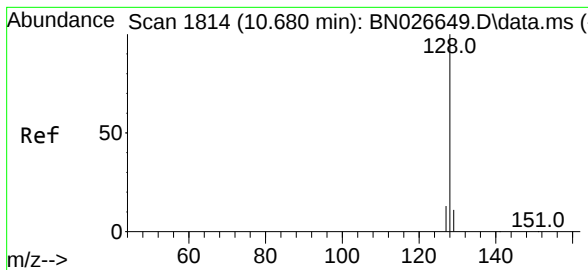
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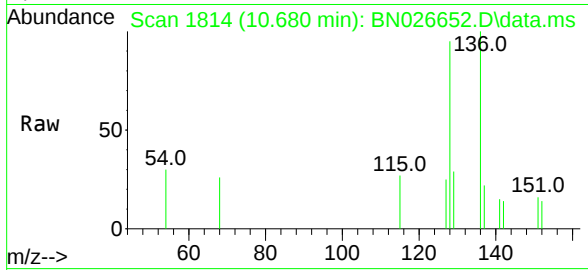
Quant Time: Jul 22 22:56:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.680 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN026652.D
Acq: 22 Jul 2023 13:38

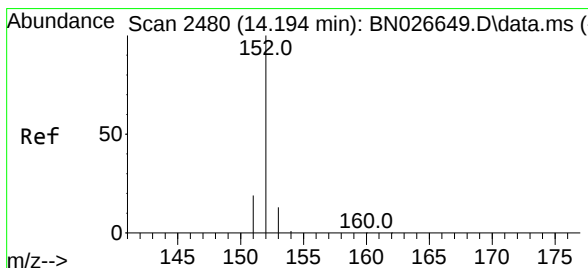
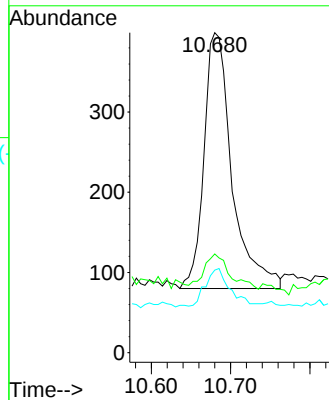
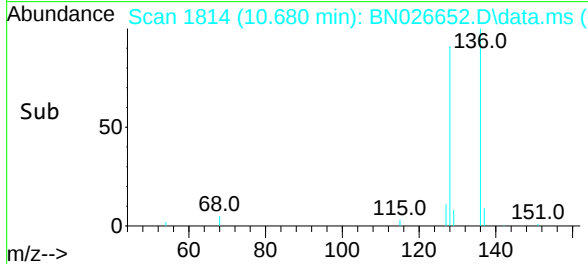
Instrument :
BNA_N
ClientSampleId :
A46R0DL



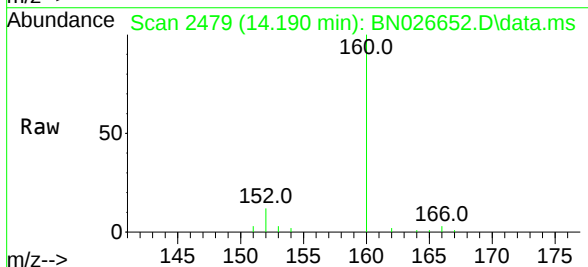
Tgt Ion:128 Resp: 789
Ion Ratio Lower Upper
128 100
129 30.8 10.2 15.2#
127 25.8 11.4 17.0#

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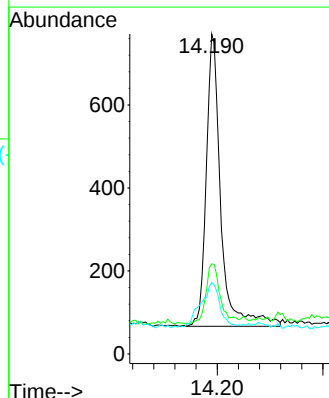
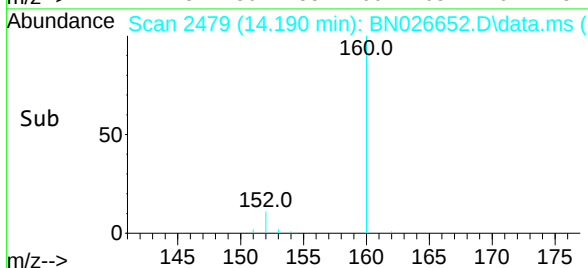
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

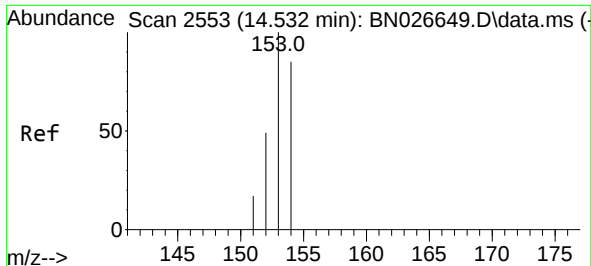


#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 14.190 min Scan# 2479
Delta R.T. -0.009 min
Lab File: BN026652.D
Acq: 22 Jul 2023 13:38



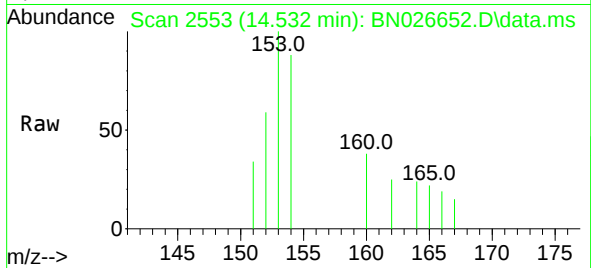
Tgt Ion:152 Resp: 1339
Ion Ratio Lower Upper
152 100
151 28.1 17.0 25.6#
153 22.3 11.4 17.2#





#11
Acenaphthene
Concen: 0.026 ng/uI
RT: 14.532 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026652.D
Acq: 22 Jul 2023 13:38

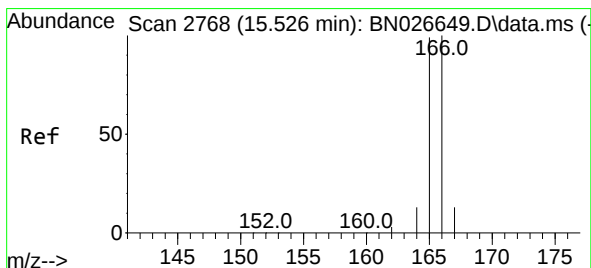
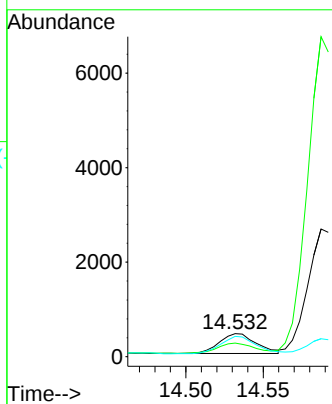
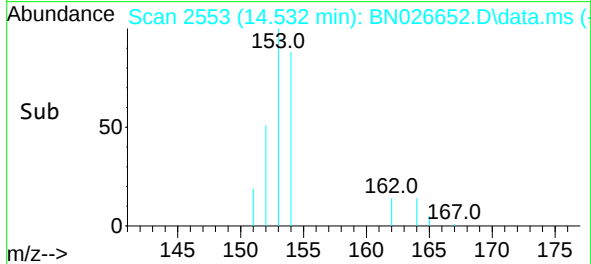
Instrument :
BNA_N
ClientSampleId :
A46R0DL



Tgt Ion:153 Resp: 69
Ion Ratio Lower Upper
153 100
152 59.3 40.2 60.4
154 88.1 69.3 103.9

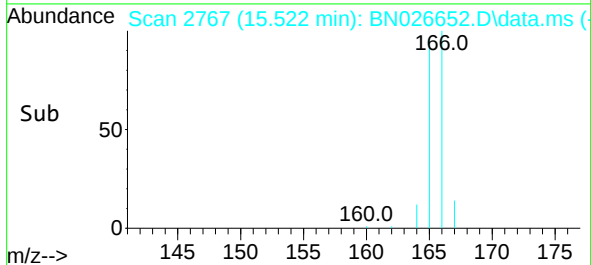
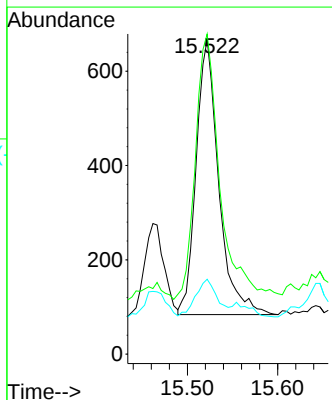
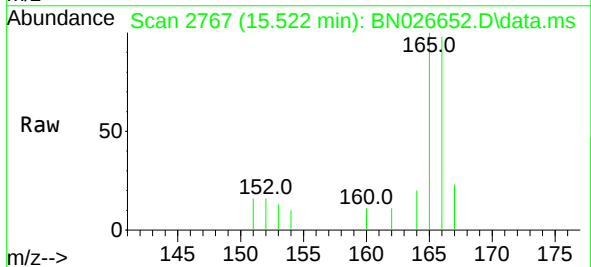
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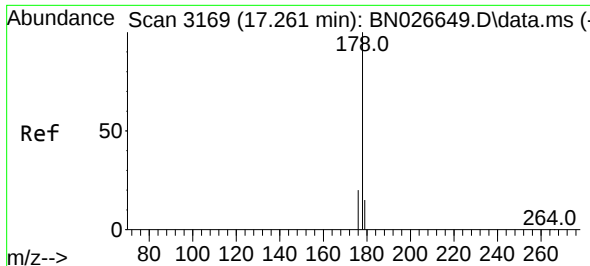
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.037 ng/uI
RT: 15.522 min Scan# 2767
Delta R.T. -0.009 min
Lab File: BN026652.D
Acq: 22 Jul 2023 13:38

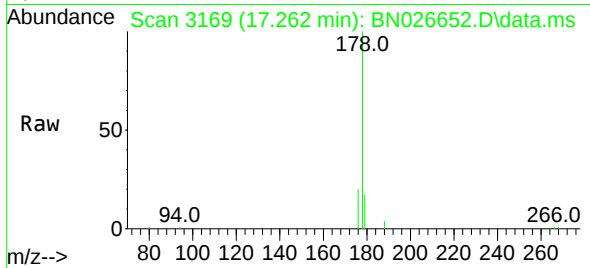
Tgt Ion:166 Resp: 1012
Ion Ratio Lower Upper
166 100
165 101.8 80.6 120.8
167 23.8 12.0 18.0#





#15
Phenanthrene
Concen: 0.348 ng/u1
RT: 17.262 min Scan# 3169
Delta R.T. -0.004 min
Lab File: BN026652.D
Acq: 22 Jul 2023 13:38

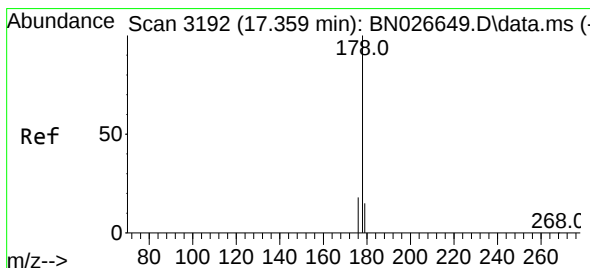
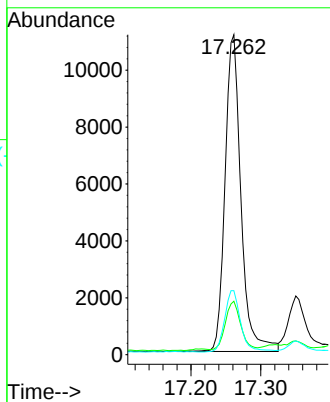
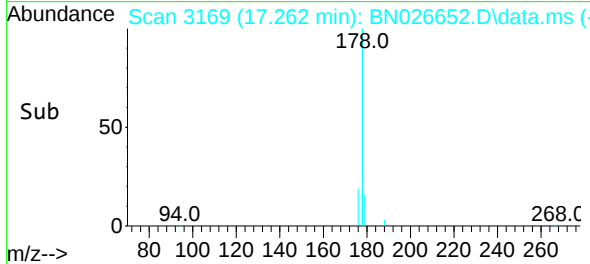
Instrument :
BNA_N
ClientSampleId :
A46R0DL



Tgt Ion:178 Resp: 17670
Ion Ratio Lower Upper
178 100
179 16.7 13.7 20.5
176 20.0 16.5 24.7

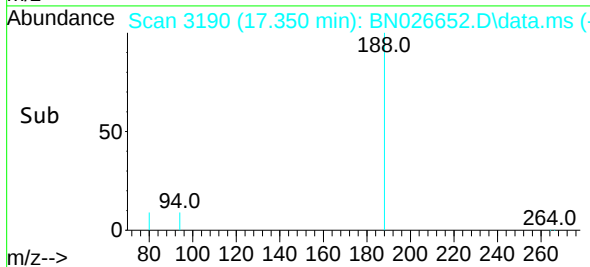
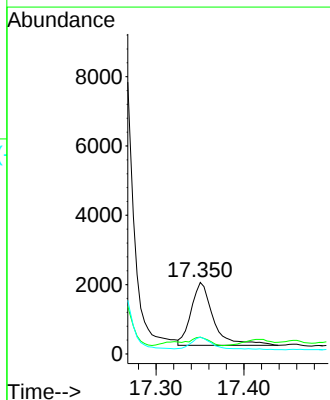
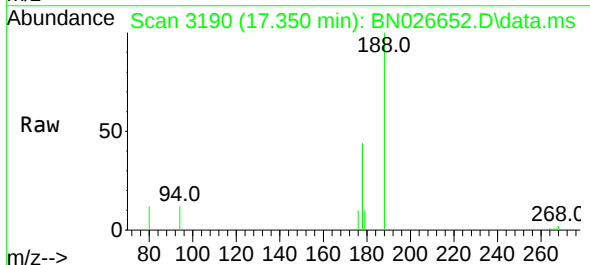
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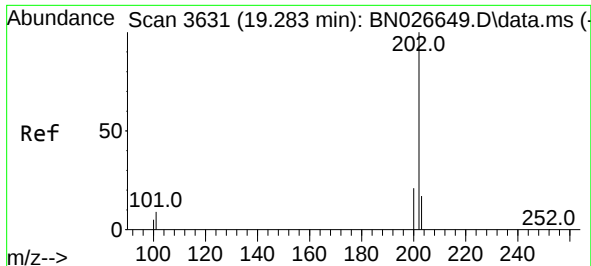
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.072 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.013 min
Lab File: BN026652.D
Acq: 22 Jul 2023 13:38

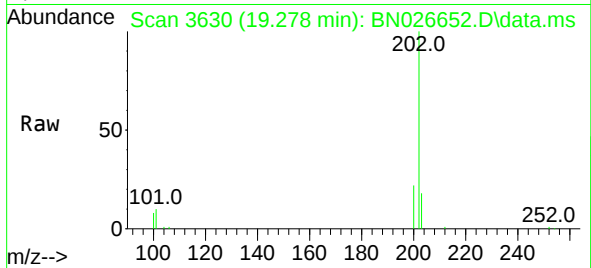
Tgt Ion:178 Resp: 3176
Ion Ratio Lower Upper
178 100
179 23.6 14.8 22.2#
176 23.5 16.6 25.0





#19
Fluoranthene
Concen: 0.773 ng/u1
RT: 19.278 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026652.D
Acq: 22 Jul 2023 13:38

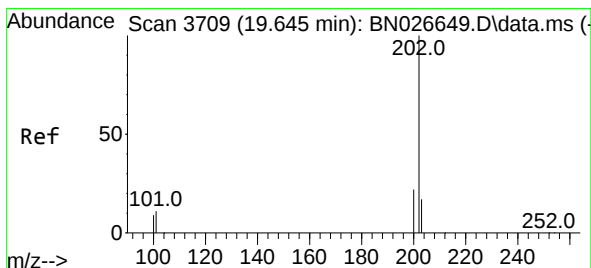
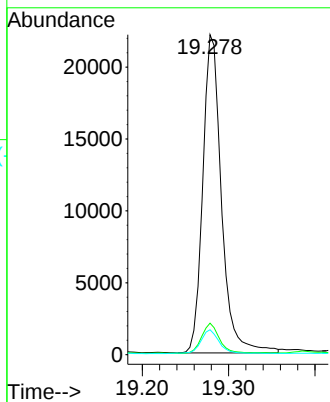
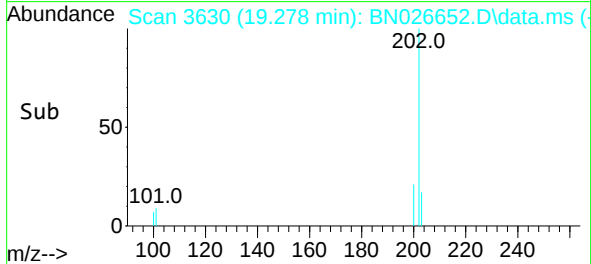
Instrument :
BNA_N
ClientSampleId :
A46R0DL



Tgt Ion:202 Resp: 33354
Ion Ratio Lower Upper
202 100
101 9.8 7.0 10.4
100 7.8 6.0 9.0

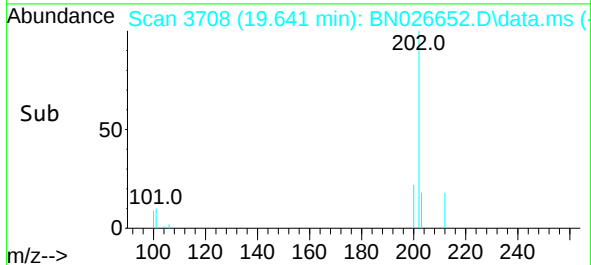
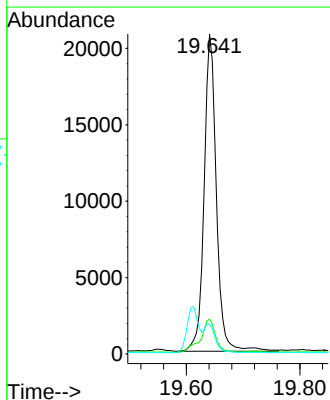
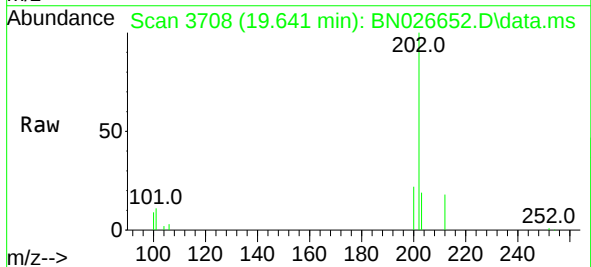
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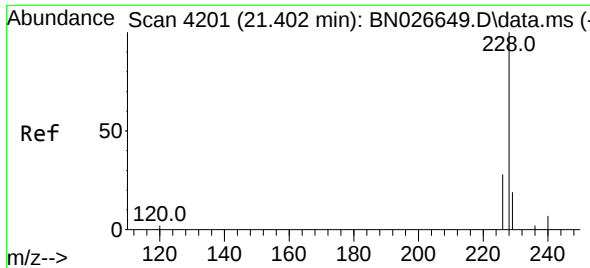
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 0.663 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026652.D
Acq: 22 Jul 2023 13:38

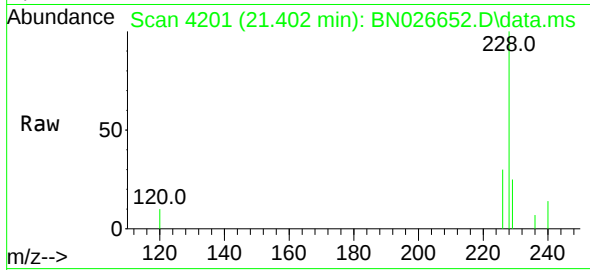
Tgt Ion:202 Resp: 31088
Ion Ratio Lower Upper
202 100
101 10.9 8.0 12.0
100 9.3 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.323 ng/u1
RT: 21.402 min Scan# 4201
Delta R.T. -0.009 min
Lab File: BN026652.D
Acq: 22 Jul 2023 13:38

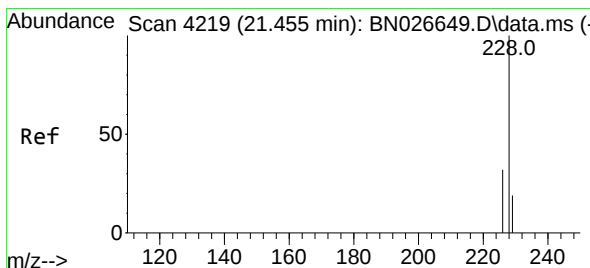
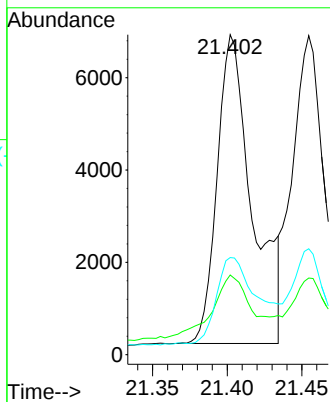
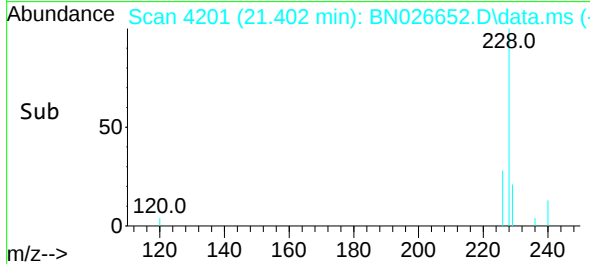
Instrument :
BNA_N
ClientSampleId :
A46R0DL



Tgt Ion:228 Resp: 10910
Ion Ratio Lower Upper
228 100
229 24.9 16.7 25.1
226 30.3 23.5 35.3

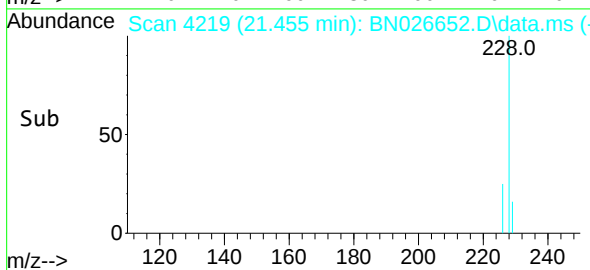
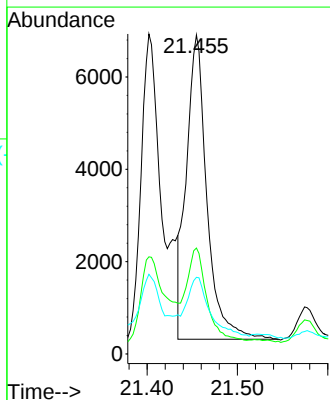
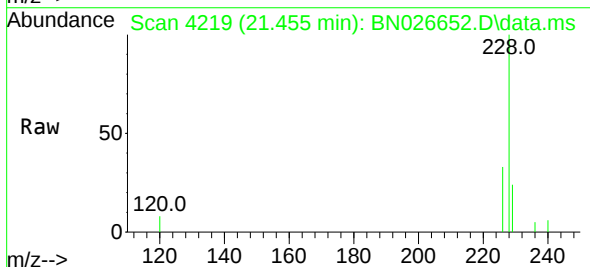
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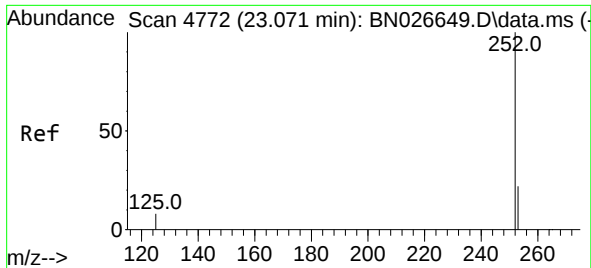
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 0.270 ng/u1
RT: 21.455 min Scan# 4219
Delta R.T. -0.009 min
Lab File: BN026652.D
Acq: 22 Jul 2023 13:38

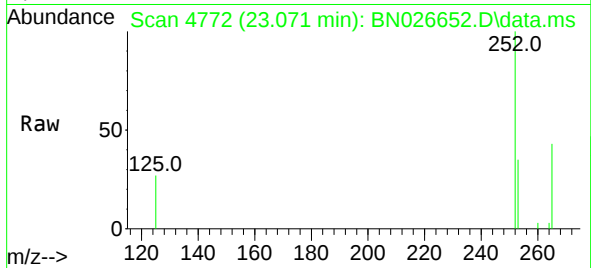
Tgt Ion:228 Resp: 10384
Ion Ratio Lower Upper
228 100
226 33.2 25.2 37.8
229 24.0 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.358 ng/ul m
RT: 23.071 min Scan# 4772
Delta R.T. -0.009 min
Lab File: BN026652.D
Acq: 22 Jul 2023 13:38

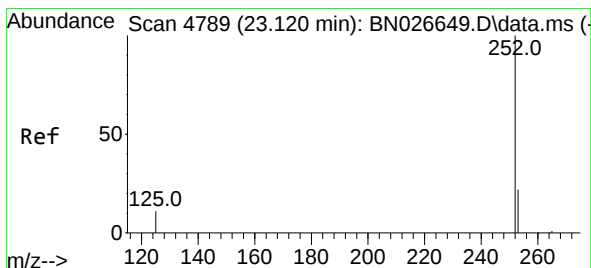
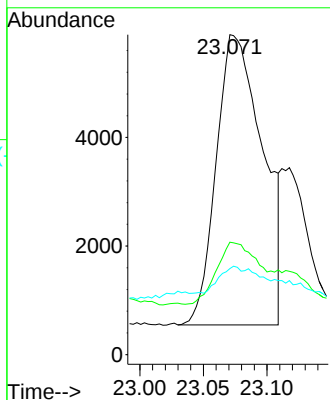
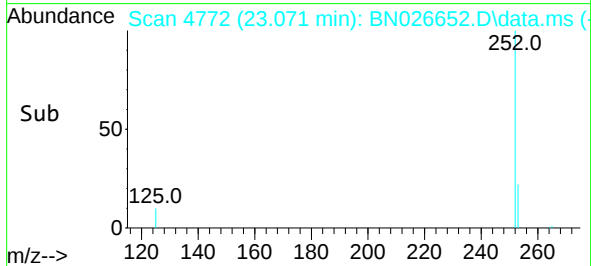
Instrument :
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A46R0DL



Tgt Ion:252 Resp: 1355
Ion Ratio Lower Upper
252 100
253 35.1 0.0 68.6
125 26.9 0.0 34.0

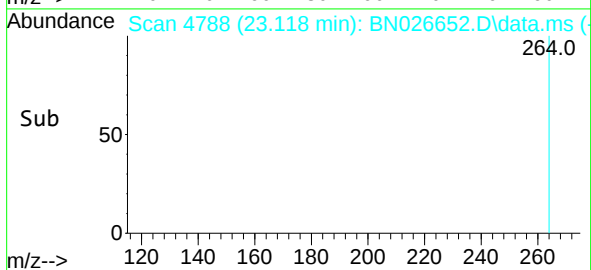
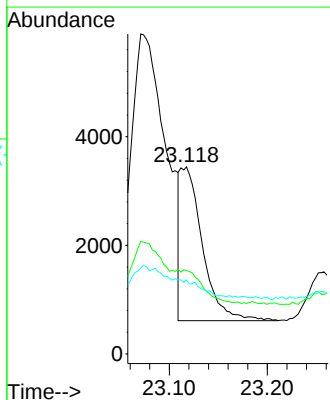
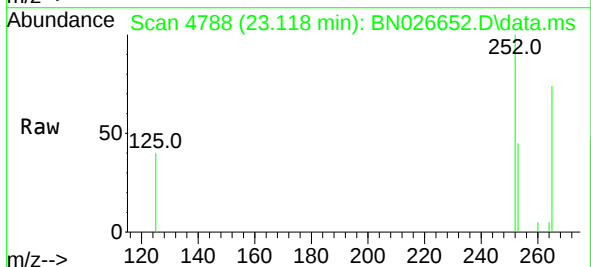
Manual Integrations
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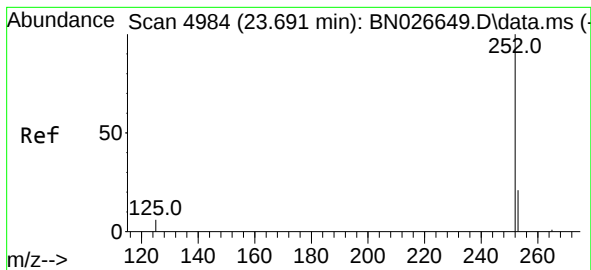
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.113 ng/ul m
RT: 23.118 min Scan# 4788
Delta R.T. -0.012 min
Lab File: BN026652.D
Acq: 22 Jul 2023 13:38

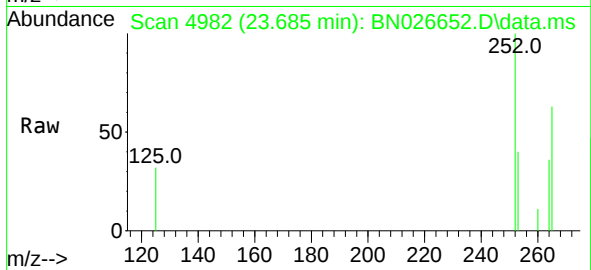
Tgt Ion:252 Resp: 4464
Ion Ratio Lower Upper
252 100
253 44.6 27.2 40.8#
125 39.6 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.253 ng/ul
RT: 23.685 min Scan# 4982
Delta R.T. -0.012 min
Lab File: BN026652.D
Acq: 22 Jul 2023 13:38

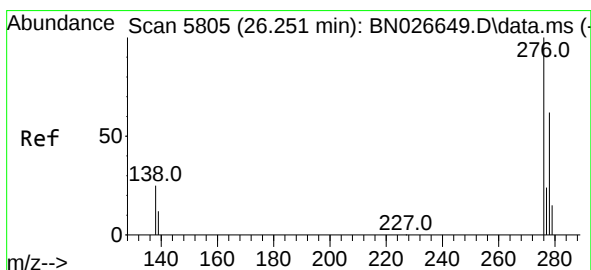
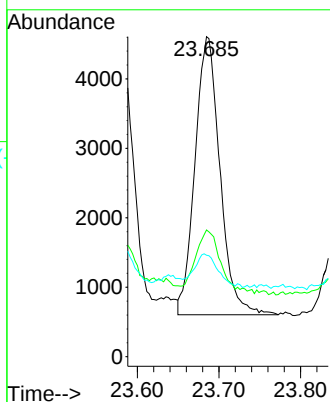
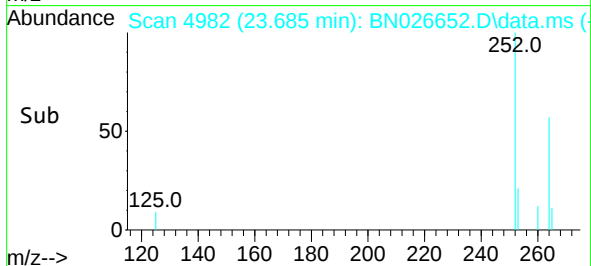
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 851
Ion Ratio Lower Upper
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253 39.6 32.6 49.0
125 31.7 19.3 28.9

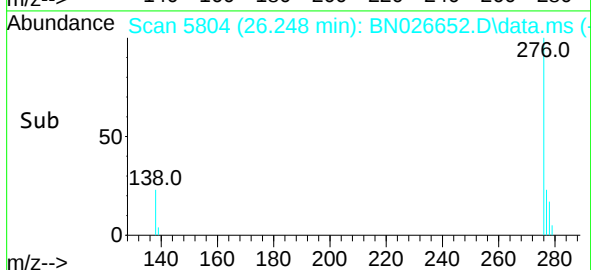
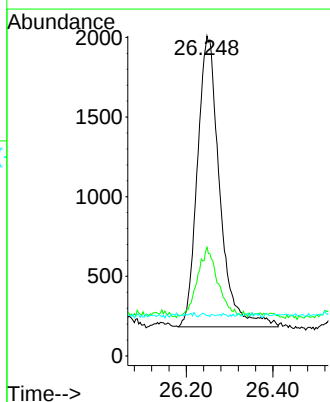
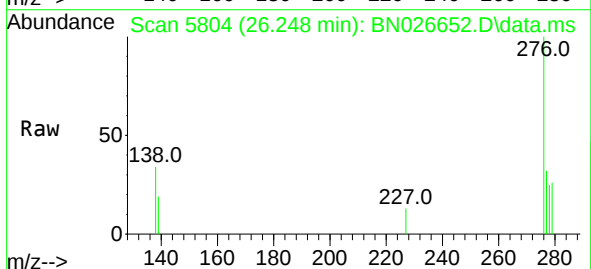
Manual Integrations
APPROVED

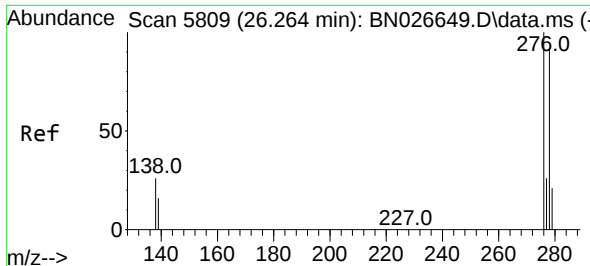
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.148 ng/ul
RT: 26.248 min Scan# 5804
Delta R.T. -0.010 min
Lab File: BN026652.D
Acq: 22 Jul 2023 13:38

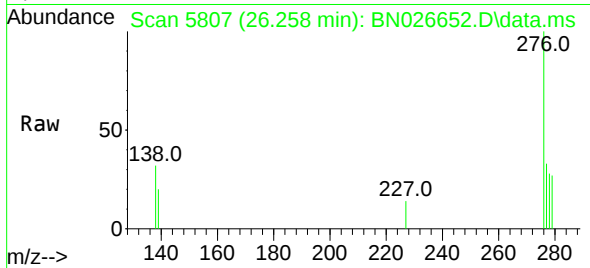
Tgt Ion:276 Resp: 6513
Ion Ratio Lower Upper
276 100
138 22.6 22.2 33.4
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 26.258 min Scan# 5807
Delta R.T. -0.017 min
Lab File: BN026652.D
Acq: 22 Jul 2023 13:38

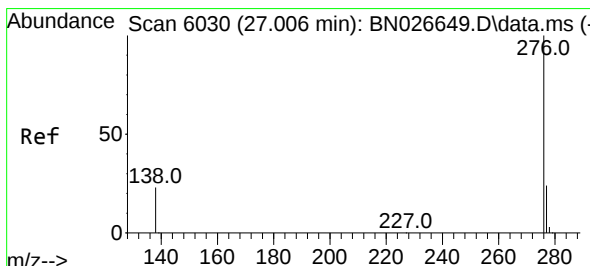
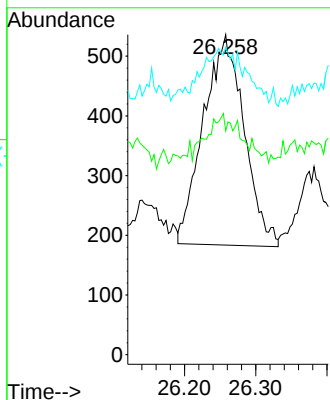
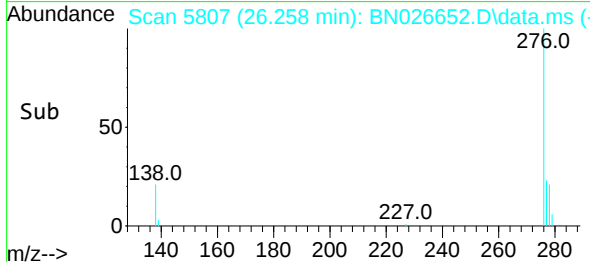
Instrument :
BNA_N
ClientSampleId :
A46R0DL



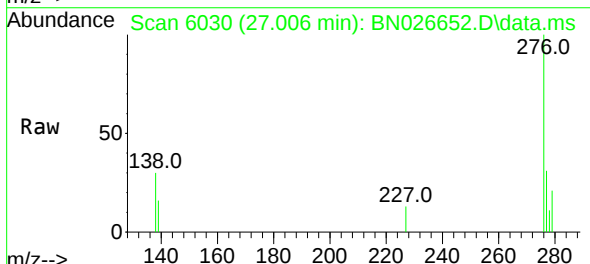
Tgt Ion:278 Resp: 139
Ion Ratio Lower Upper
278 100
139 70.0 18.9 28.3
279 96.1 31.3 46.9

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.170 ng/ul
RT: 27.006 min Scan# 6030
Delta R.T. -0.007 min
Lab File: BN026652.D
Acq: 22 Jul 2023 13:38



Tgt Ion:276 Resp: 6639
Ion Ratio Lower Upper
276 100
138 29.8 22.6 34.0
277 31.3 21.8 32.8

