

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
 Data File : BN026663.D
 Acq On : 22 Jul 2023 20:23
 Operator : MA/JU
 Sample : 03504-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46T4

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 23:26:58 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	7.823	152	5495	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	16331	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.467	164	9666	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	20071	0.400	ng/ul	0.00
17) Chrysene-d12	21.414	240	11763	0.400	ng/ul	#-0.01
23) Perylene-d12	23.784	264	11896	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	9369	1.295	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	7141	0.322	ng/ul	-0.02
18) Fluoranthene-d10	19.250	212	12510	0.307	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.225	88	1420	0.207	ng/ul#	1
5) Naphthalene	10.680	128	1628	0.036	ng/ul#	64
10) Acenaphthylene	14.189	152	3436	0.073	ng/ul#	91
11) Acenaphthene	14.532	153	1283m	0.036	ng/ul	
12) Fluorene	15.517	166	1409	0.037	ng/ul#	92
15) Phenanthrene	17.257	178	29019	0.454	ng/ul	98
16) Anthracene	17.350	178	4299	0.077	ng/ul#	89
19) Fluoranthene	19.278	202	77090	1.398	ng/ul	97
20) Pyrene	19.641	202	19098	0.319	ng/ul#	93
21) Benzo(a)anthracene	21.396	228	22942	0.531	ng/ul#	92
22) Chrysene	21.449	228	23455	0.477	ng/ul#	90
24) Benzo(b)fluoranthene	23.062	252	26747m	0.577	ng/ul	
25) Benzo(k)fluoranthene	23.109	252	13391m	0.276	ng/ul	
26) Benzo(a)pyrene	23.682	252	1367	0.033	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.234	276	3656	0.068	ng/ul#	47
28) Dibenzo(a,h)anthracene	26.248	278	3571	0.086	ng/ul#	5

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

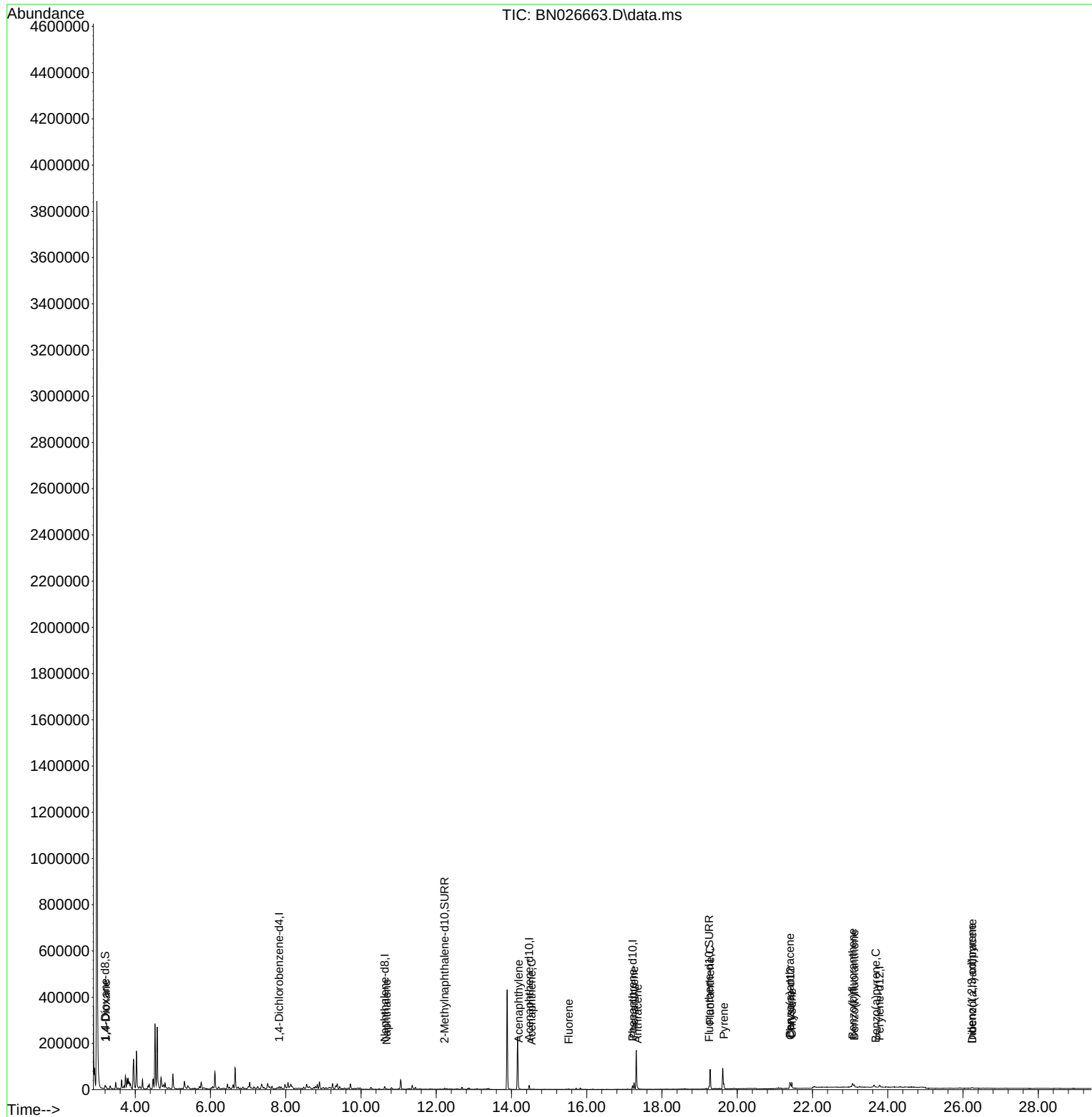
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
Data File : BN026663.D
Acq On : 22 Jul 2023 20:23
Operator : MA/JU
Sample : 03504-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

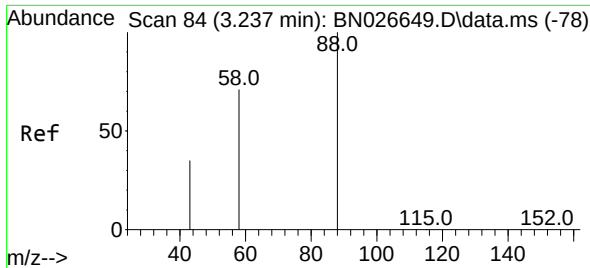
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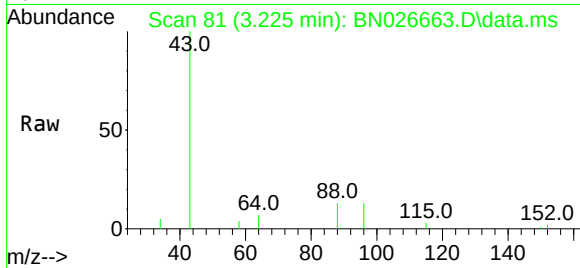
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.207 ng/ul
RT: 3.225 min Scan# 81
Delta R.T. -0.017 min
Lab File: BN026663.D
Acq: 22 Jul 2023 20:23

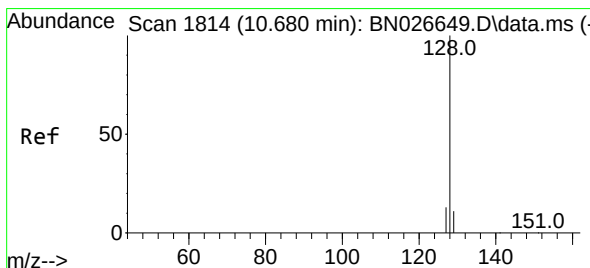
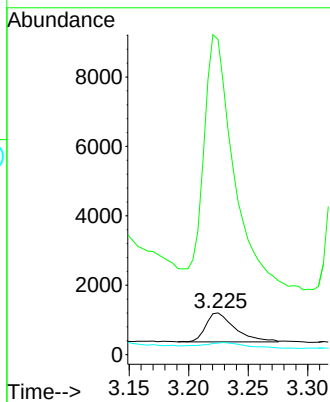
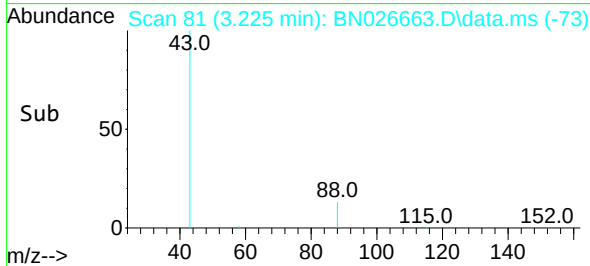
Instrument :
BNA_N
ClientSampleId :
A46T4



Tgt Ion: 88 Resp: 1420
Ion Ratio Lower Upper
88 100
43 753.8 33.0 49.6
58 27.6 41.7 62.5

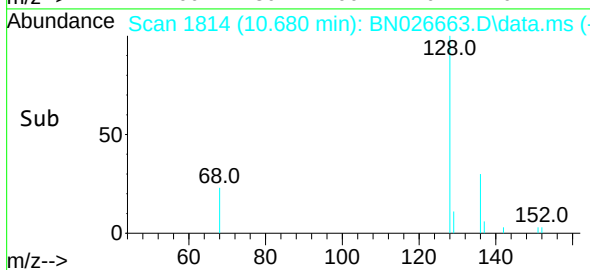
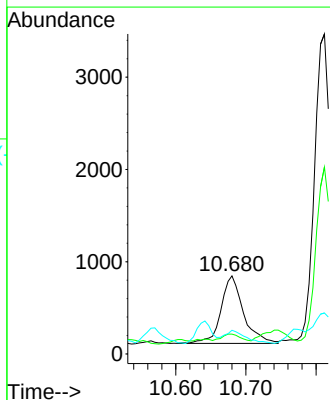
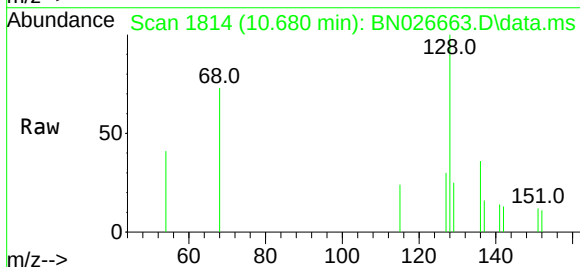
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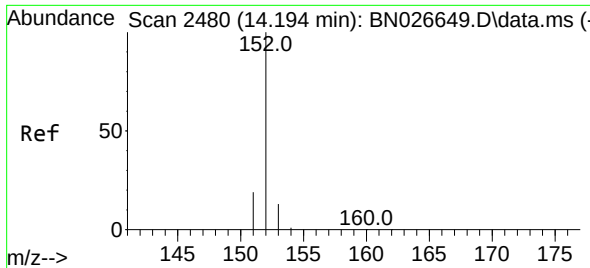
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. -0.011 min
Lab File: BN026663.D
Acq: 22 Jul 2023 20:23

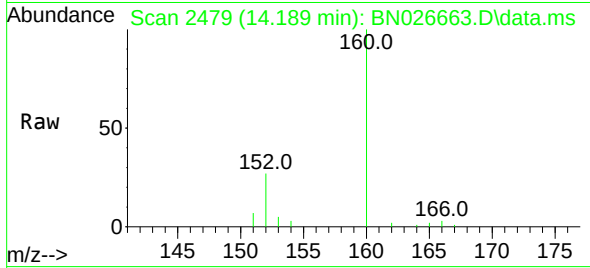
Tgt Ion:128 Resp: 1628
Ion Ratio Lower Upper
128 100
129 25.4 10.2 15.2#
127 30.3 11.4 17.0#





#10
Acenaphthylene
Concen: 0.073 ng/ul
RT: 14.189 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN026663.D
Acq: 22 Jul 2023 20:23

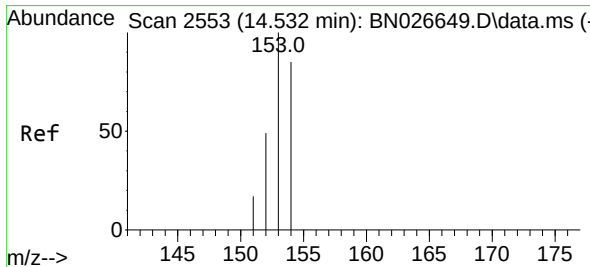
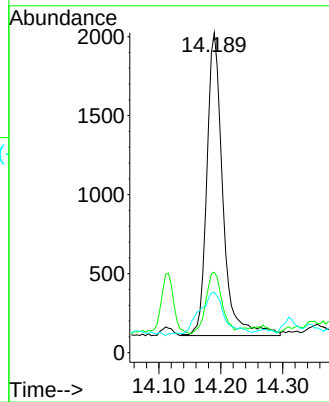
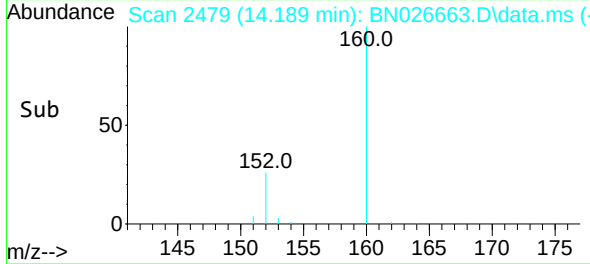
Instrument :
BNA_N
ClientSampleId :
A46T4



Tgt Ion:152 Resp: 3430
Ion Ratio Lower Upper
152 100
151 25.1 17.0 25.6
153 18.9 11.4 17.2

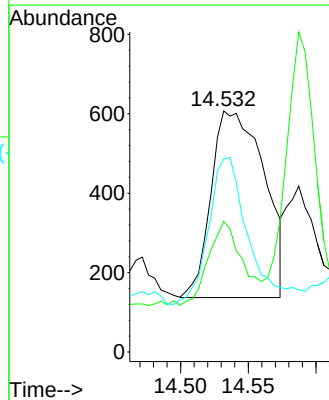
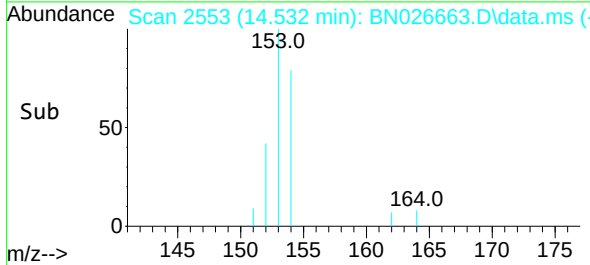
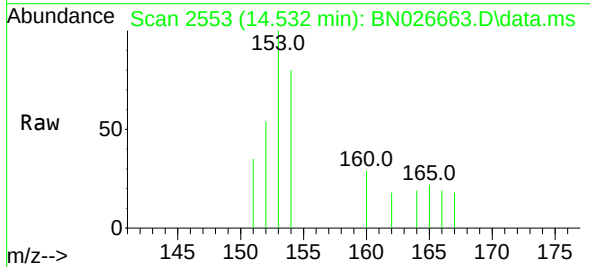
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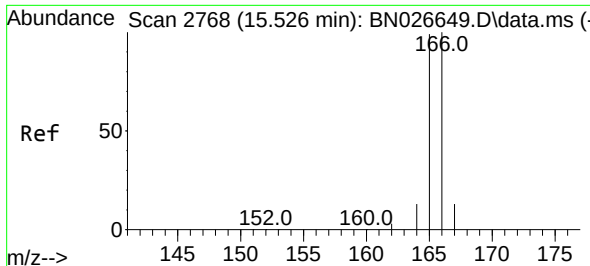
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#11
Acenaphthene
Concen: 0.036 ng/ul m
RT: 14.532 min Scan# 2553
Delta R.T. -0.005 min
Lab File: BN026663.D
Acq: 22 Jul 2023 20:23

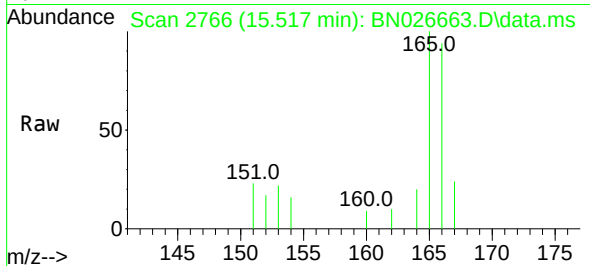
Tgt Ion:153 Resp: 1283
Ion Ratio Lower Upper
153 100
152 54.2 40.2 60.4
154 80.1 69.3 103.9





#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.517 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN026663.D
Acq: 22 Jul 2023 20:23

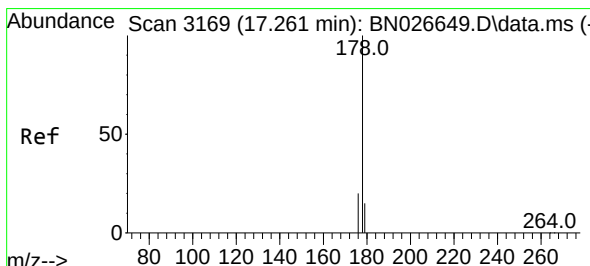
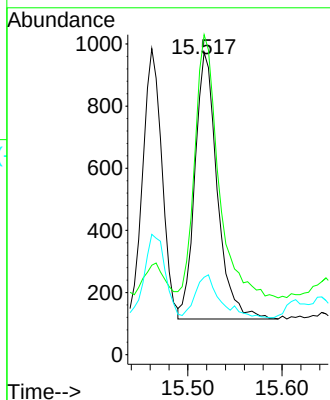
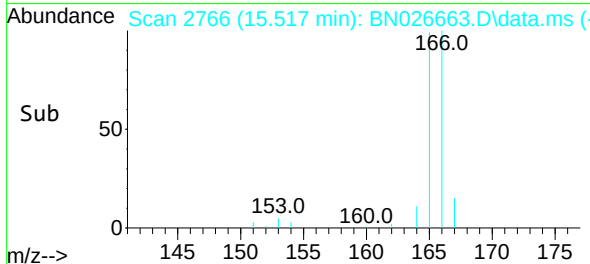
Instrument :
BNA_N
ClientSampleId :
A46T4



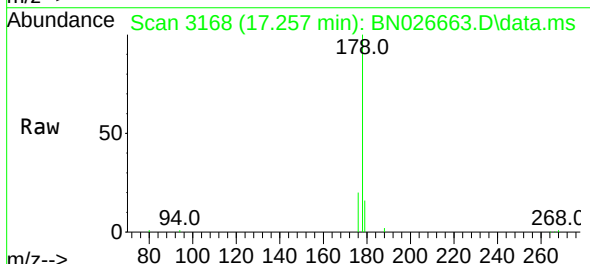
Tgt Ion:166 Resp: 1409
Ion Ratio Lower Upper
166 100
165 105.9 80.6 120.8
167 25.6 12.0 18.0

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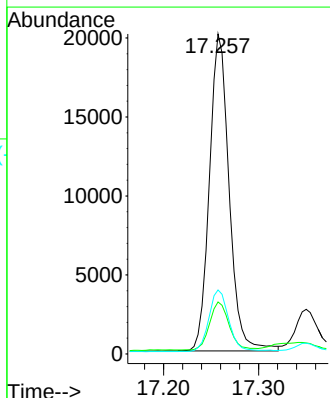
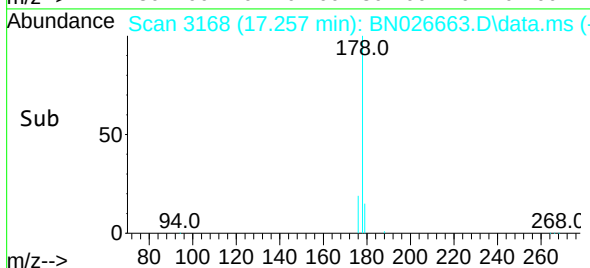
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

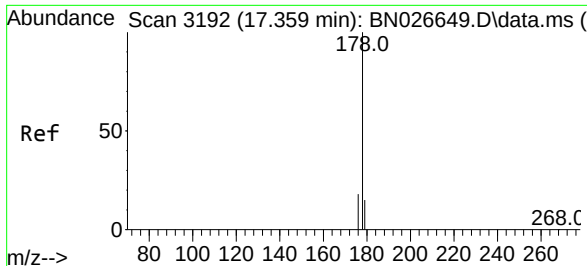


#15
Phenanthrene
Concen: 0.454 ng/ul
RT: 17.257 min Scan# 3168
Delta R.T. -0.008 min
Lab File: BN026663.D
Acq: 22 Jul 2023 20:23



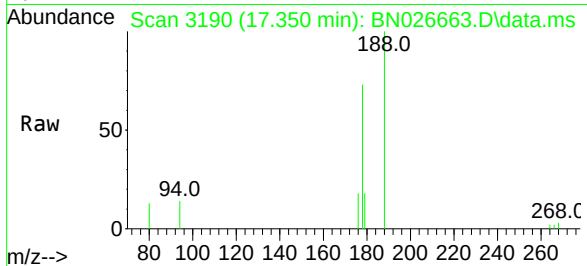
Tgt Ion:178 Resp: 29019
Ion Ratio Lower Upper
178 100
179 16.2 13.7 20.5
176 20.0 16.5 24.7





#16
 Anthracene
 Concen: 0.077 ng/ul
 RT: 17.350 min Scan# 3192
 Delta R.T. -0.013 min
 Lab File: BN026663.D
 Acq: 22 Jul 2023 20:23

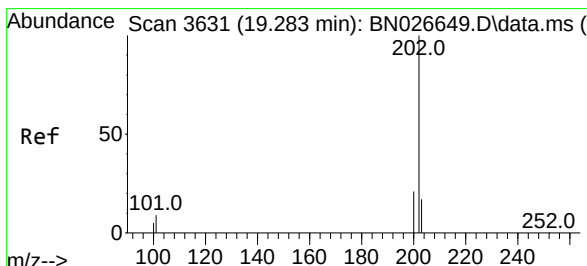
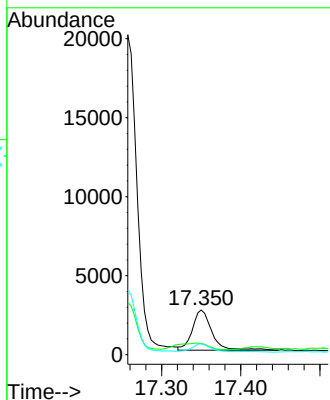
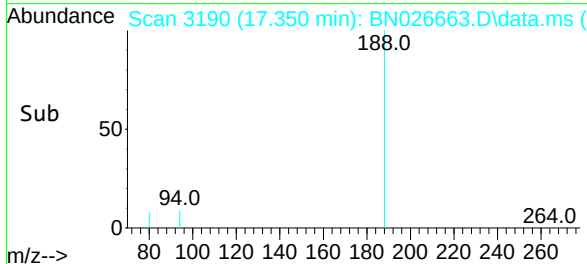
Instrument :
 BNA_N
 ClientSampleId :
 A46T4



Tgt Ion:178 Resp: 4295
 Ion Ratio Lower Upper
 178 100
 179 24.9 14.8 22.2
 176 24.2 16.6 25.0

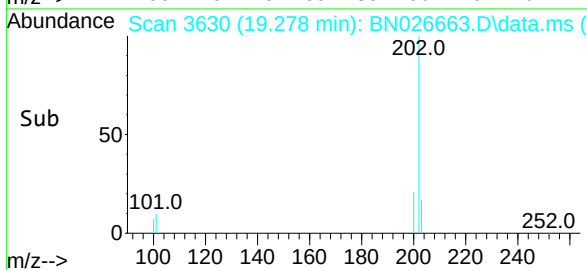
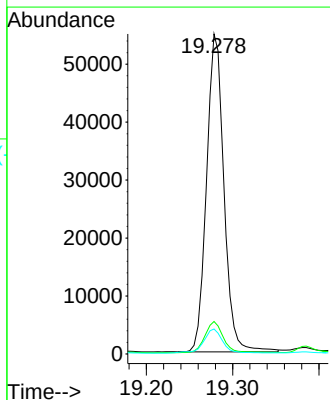
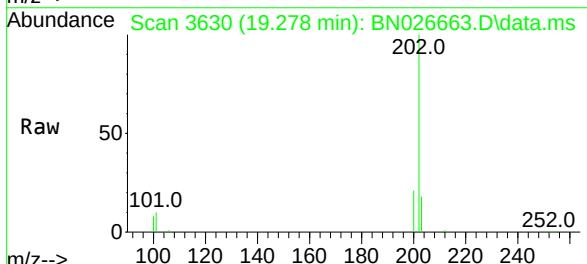
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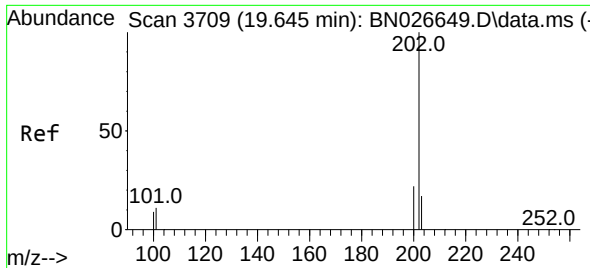
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



#19
 Fluoranthene
 Concen: 1.398 ng/ul
 RT: 19.278 min Scan# 3630
 Delta R.T. -0.005 min
 Lab File: BN026663.D
 Acq: 22 Jul 2023 20:23

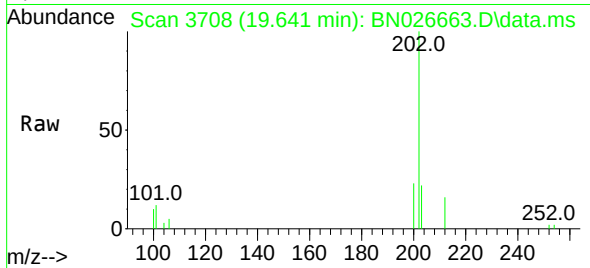
Tgt Ion:202 Resp: 77090
 Ion Ratio Lower Upper
 202 100
 101 10.1 7.0 10.4
 100 7.8 6.0 9.0





#20
Pyrene
Concen: 0.319 ng/ul
RT: 19.641 min Scan# 3198
Delta R.T. -0.005 min
Lab File: BN026663.D
Acq: 22 Jul 2023 20:23

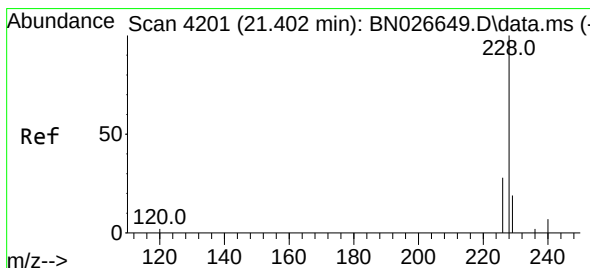
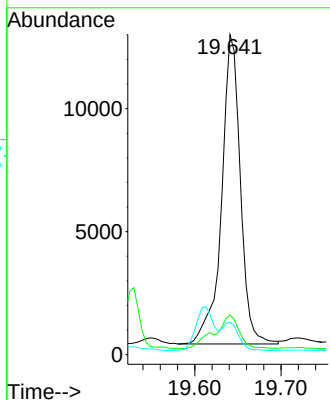
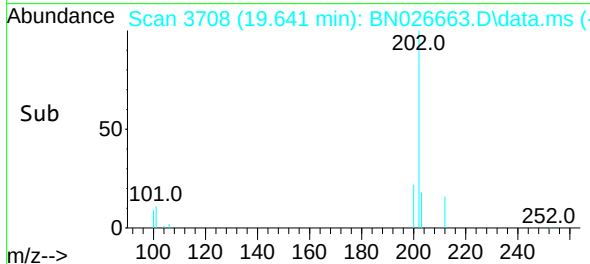
Instrument :
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ClientSampleId :
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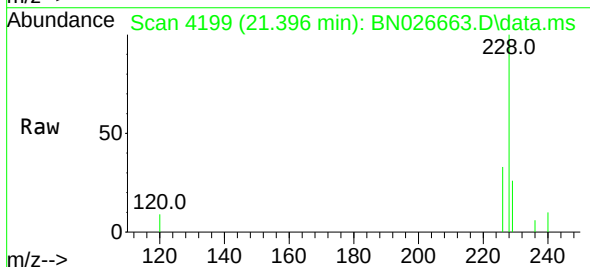
Tgt Ion:202 Resp: 19098
Ion Ratio Lower Upper
202 100
101 12.4 8.0 12.0
100 10.2 6.2 9.2

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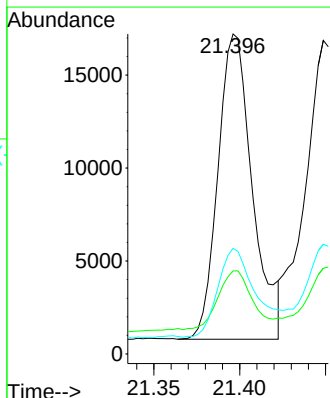
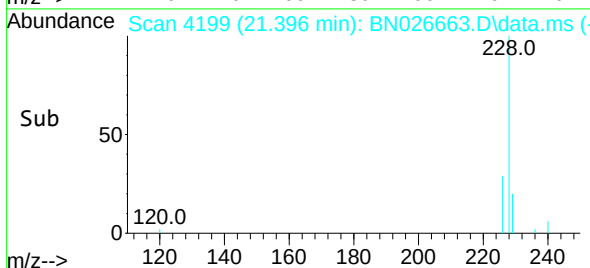
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

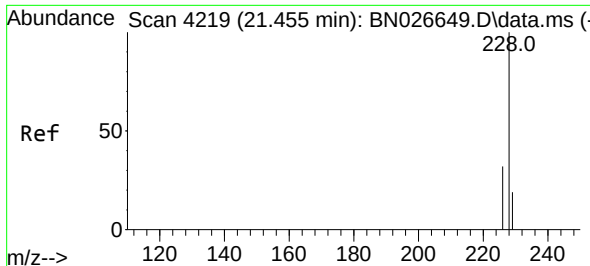


#21
Benzo(a)anthracene
Concen: 0.531 ng/ul
RT: 21.396 min Scan# 4199
Delta R.T. -0.015 min
Lab File: BN026663.D
Acq: 22 Jul 2023 20:23



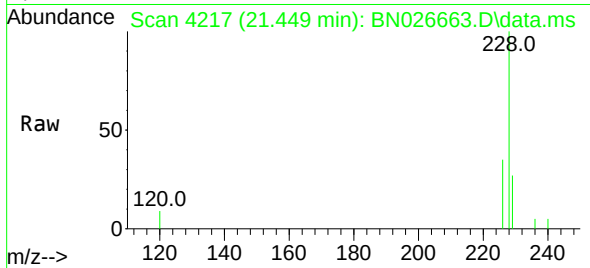
Tgt Ion:228 Resp: 22942
Ion Ratio Lower Upper
228 100
229 26.0 16.7 25.1
226 33.0 23.5 35.3





#22
Chrysene
Concen: 0.477 ng/u1
RT: 21.449 min Scan# 41
Delta R.T. -0.015 min
Lab File: BN026663.D
Acq: 22 Jul 2023 20:23

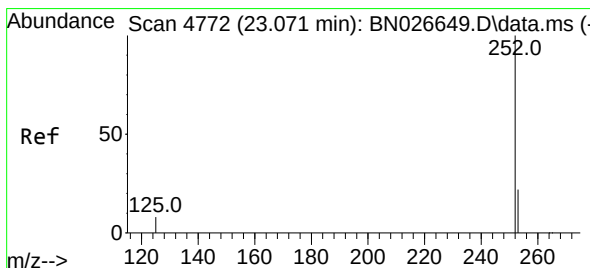
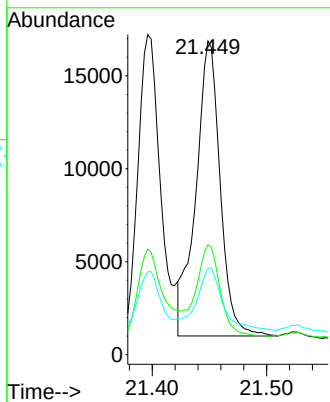
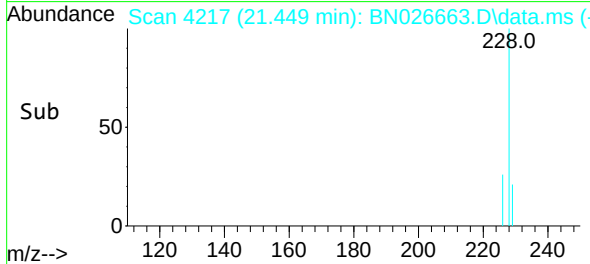
Instrument :
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Tgt Ion:228 Resp: 2345
Ion Ratio Lower Upper
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226 35.0 25.2 37.8
229 27.4 16.4 24.6

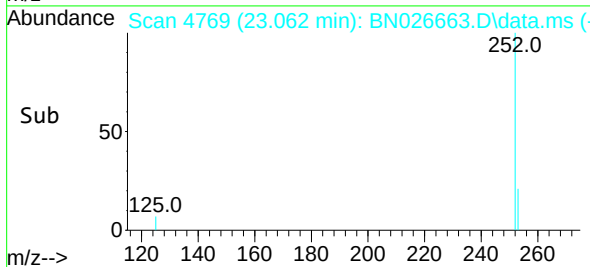
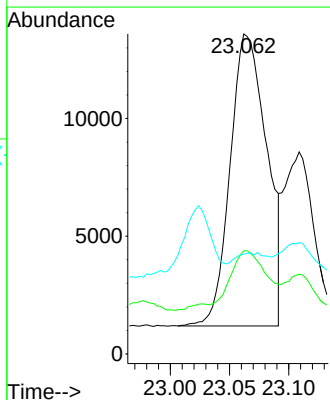
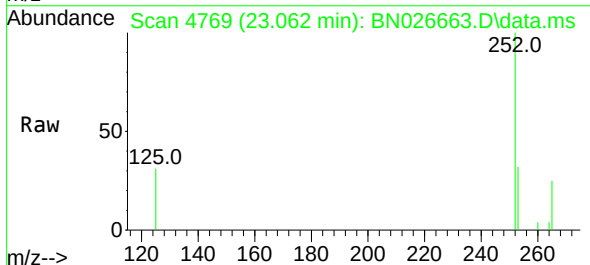
Manual Integrations
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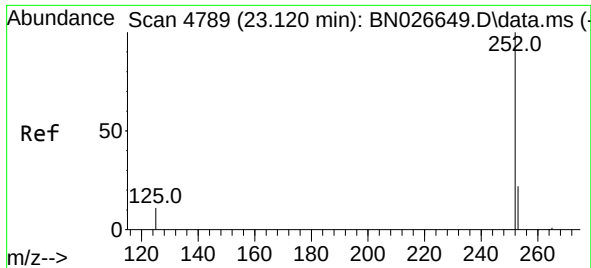
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#24
Benzo(b)fluoranthene
Concen: 0.577 ng/u1 m
RT: 23.062 min Scan# 4769
Delta R.T. -0.017 min
Lab File: BN026663.D
Acq: 22 Jul 2023 20:23

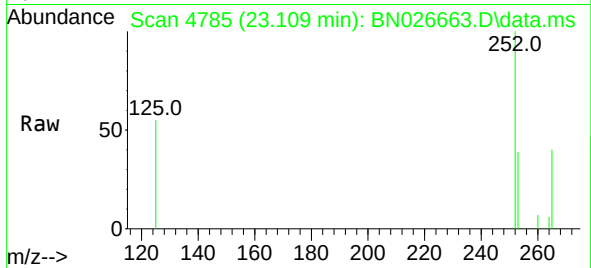
Tgt Ion:252 Resp: 26747
Ion Ratio Lower Upper
252 100
253 32.2 0.0 68.6
125 31.2 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.276 ng/ul m
RT: 23.109 min Scan# 4789
Delta R.T. -0.020 min
Lab File: BN026663.D
Acq: 22 Jul 2023 20:23

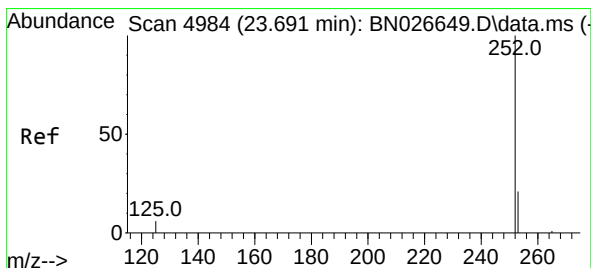
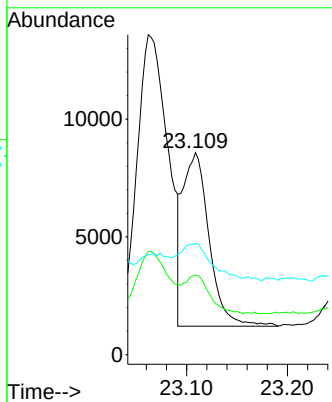
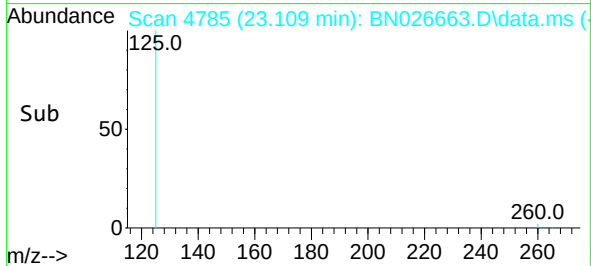
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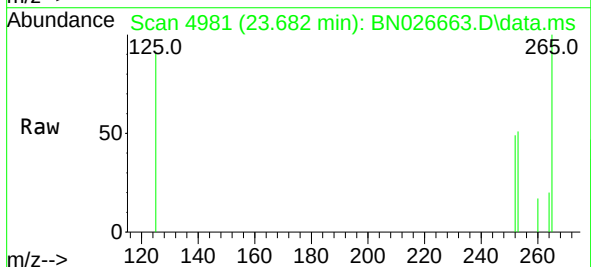
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Ion Ratio Lower Upper
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125 55.0 13.4 20.2

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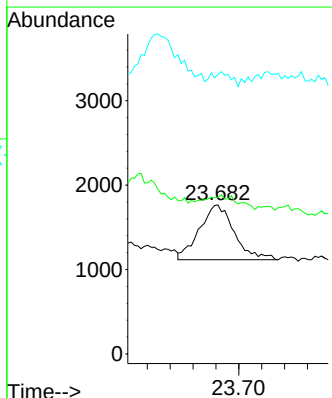
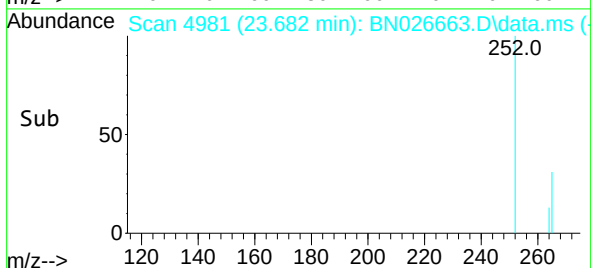
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

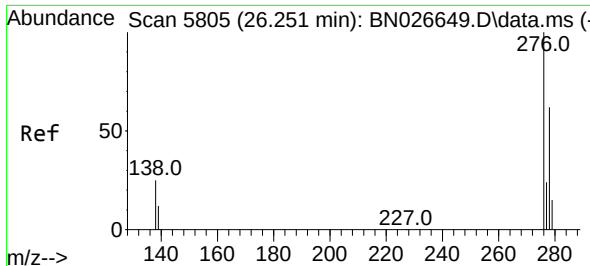


#26
Benzo(a)pyrene
Concen: 0.033 ng/ul
RT: 23.682 min Scan# 4981
Delta R.T. -0.015 min
Lab File: BN026663.D
Acq: 22 Jul 2023 20:23



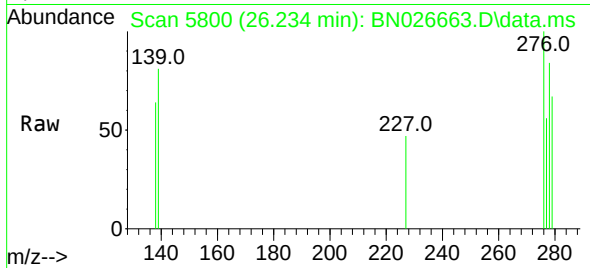
Tgt Ion:252 Resp: 1367
Ion Ratio Lower Upper
252 100
253 105.1 32.6 49.0#
125 187.8 19.3 28.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.068 ng/ul
RT: 26.234 min Scan# 5805
Delta R.T. -0.023 min
Lab File: BN026663.D
Acq: 22 Jul 2023 20:23

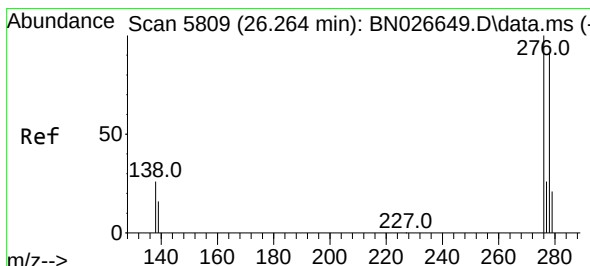
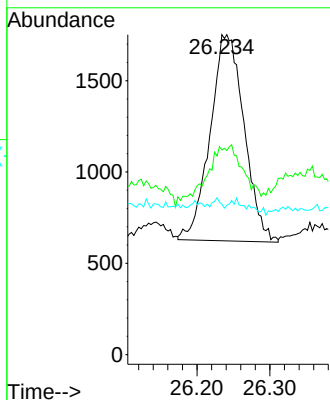
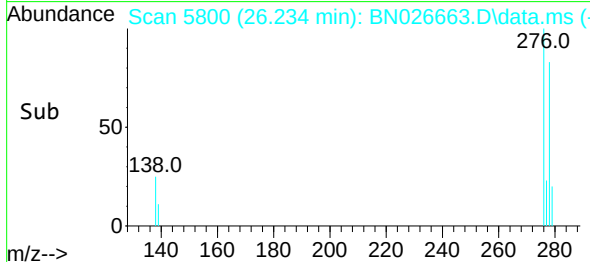
Instrument :
BNA_N
ClientSampleId :
A46T4



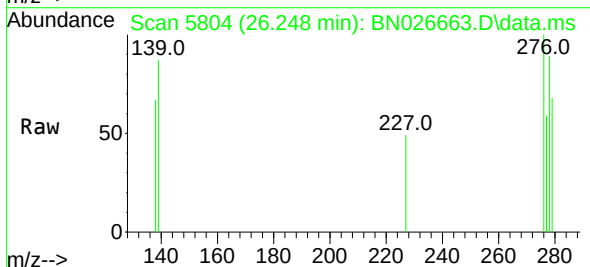
Tgt Ion:276 Resp: 3650
Ion Ratio Lower Upper
276 100
138 0.0 22.2 33.4#
227 1.0 0.1 0.1#

Manual Integrations
APPROVED

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



#28
Dibenzo(a,h)anthracene
Concen: 0.086 ng/ul
RT: 26.248 min Scan# 5804
Delta R.T. -0.027 min
Lab File: BN026663.D
Acq: 22 Jul 2023 20:23



Tgt Ion:278 Resp: 3571
Ion Ratio Lower Upper
278 100
139 98.3 18.9 28.3#
279 76.1 31.3 46.9#

