

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026266.D
 Acq On : 04 Jul 2023 17:26
 Operator : MA/JU
 Sample : 03247-11DL 5X
 Misc :
 ALS Vial : 124 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGL7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 00:07:37 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	9477	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	29890	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	16664	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	31840	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	18387	0.400	ng/ul	0.00
23) Perylene-d12	23.987	264	19528	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5118	0.480	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	1433	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	2644	0.038	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.809	128	6980	0.081	ng/ul	96
7) 2-Methylnaphthalene	12.420	142	3274	0.060	ng/ul	98
8) 1-Methylnaphthalene	12.640	142	2783	0.049	ng/ul	98
10) Acenaphthylene	14.311	152	12426	0.159	ng/ul	98
11) Acenaphthene	14.653	153	4103	0.064	ng/ul	97
12) Fluorene	15.639	166	4024	0.055	ng/ul#	98
15) Phenanthrene	17.381	178	120195	1.143	ng/ul	99
16) Anthracene	17.473	178	24650	0.264	ng/ul	98
19) Fluoranthene	19.400	202	305016	3.106	ng/ul	95
20) Pyrene	19.763	202	245612	2.404	ng/ul	95
21) Benzo(a)anthracene	21.517	228	110822	1.461	ng/ul	98
22) Chrysene	21.573	228	126859	1.607	ng/ul	98
24) Benzo(b)fluoranthene	23.239	252	199411m	2.392	ng/ul	
25) Benzo(k)fluoranthene	23.282	252	65072m	0.777	ng/ul	
26) Benzo(a)pyrene	23.876	252	121589	1.680	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.551	276	99971	1.264	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.551	278	23918	0.400	ng/ul	94
29) Benzo(g,h,i)perylene	27.342	276	104005	1.479	ng/ul	95

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

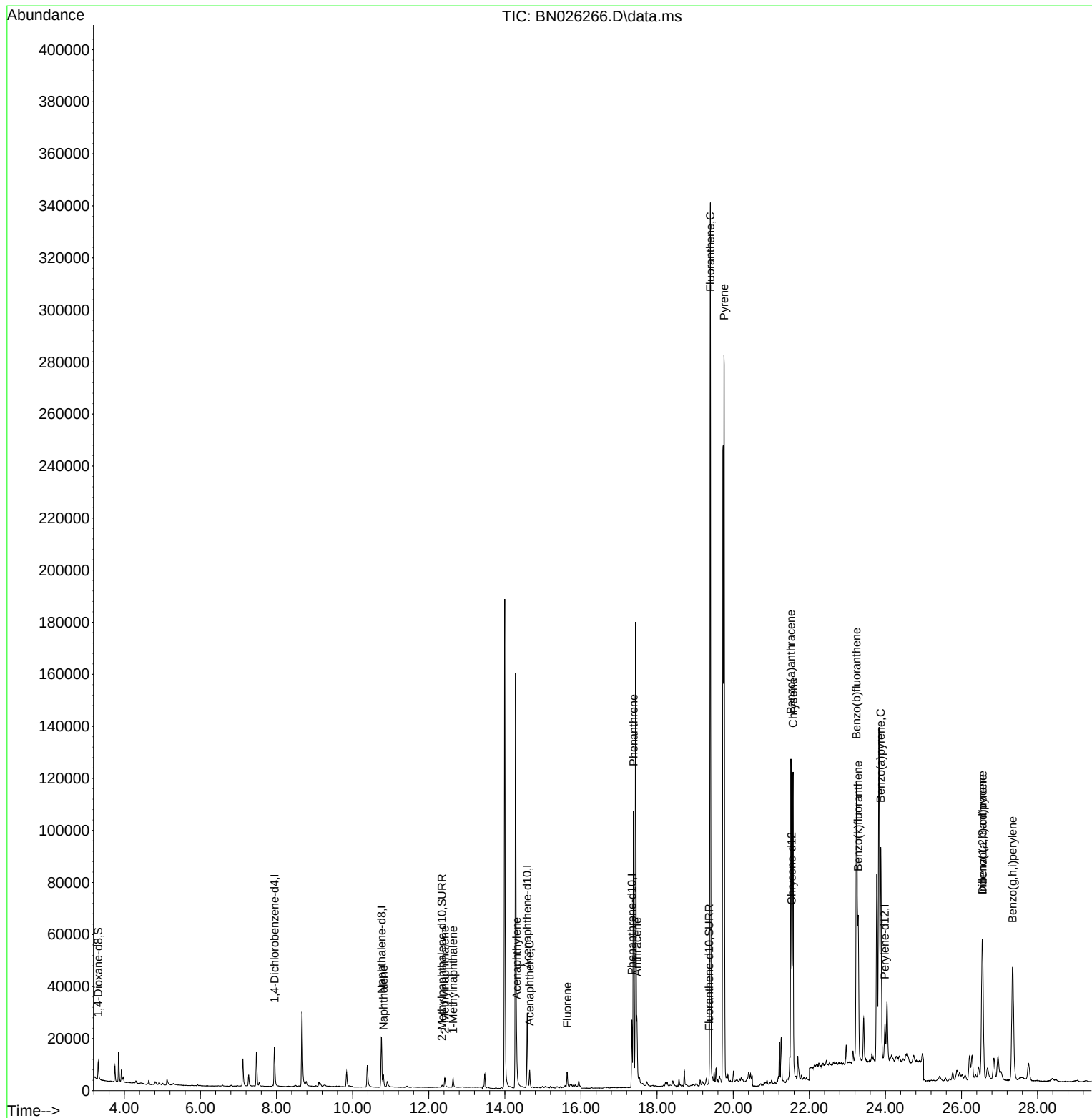
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026266.D
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Sample : 03247-11DL 5X
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ALS Vial : 124 Sample Multiplier: 1

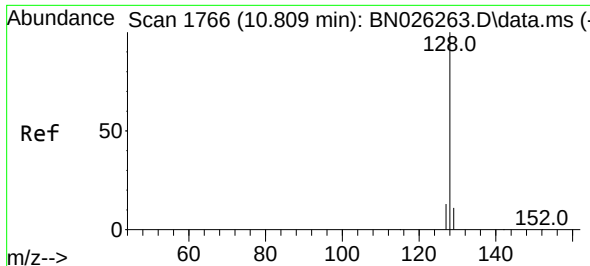
Instrument :
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Quant Time: Jul 05 00:07:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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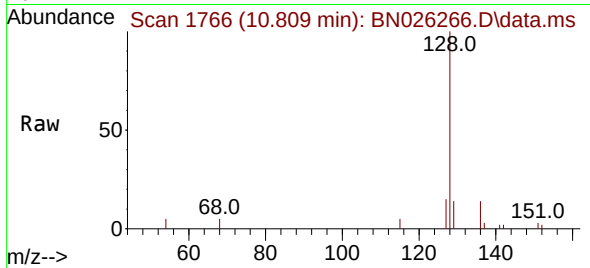
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#5
Naphthalene
Concen: 0.081 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

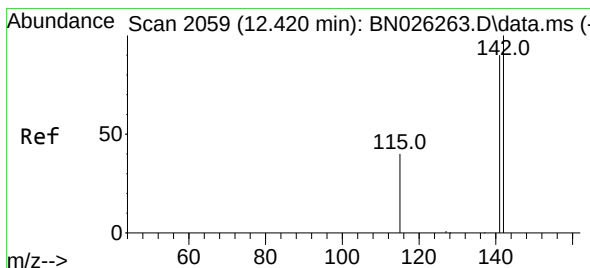
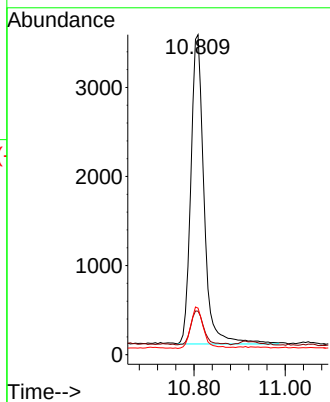
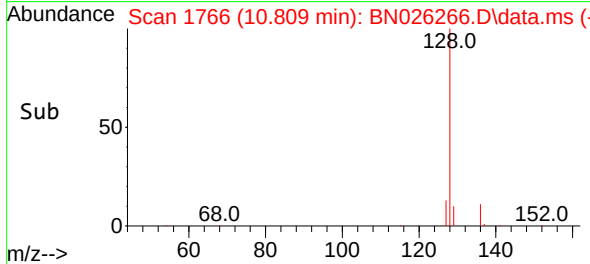
Instrument :
BNA_N
ClientSampleId :
DCGL7DL



Tgt Ion:128 Resp: 6980
Ion Ratio Lower Upper
128 100
129 13.6 9.1 13.7
127 14.5 10.7 16.1

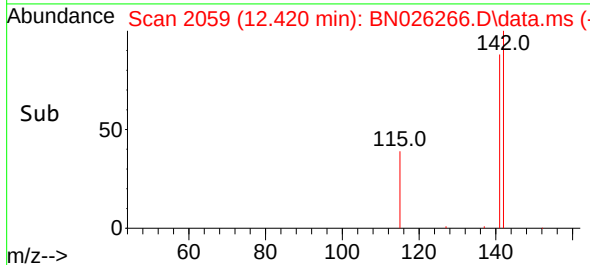
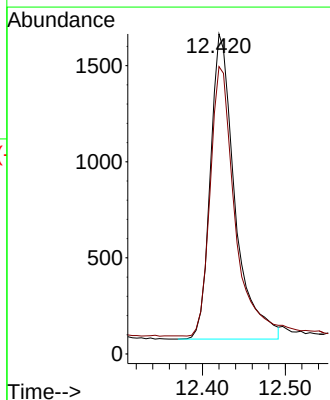
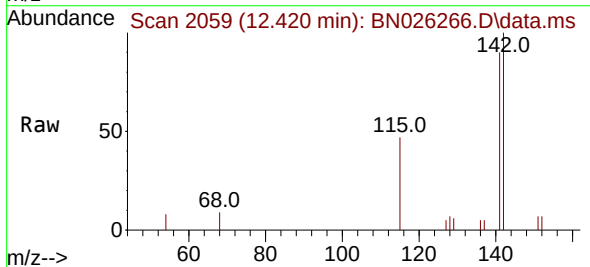
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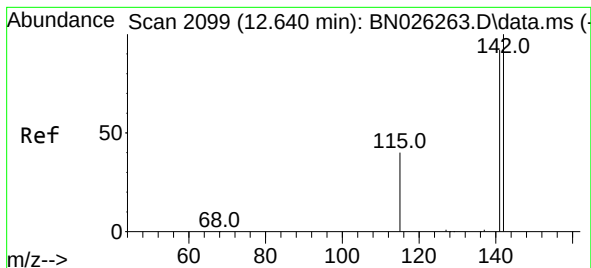
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

Tgt Ion:142 Resp: 3274
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.049 ng/ul

RT: 12.640 min Scan# 2099

Delta R.T. -0.000 min

Lab File: BN026266.D

Acq: 04 Jul 2023 17:26

Instrument :

BNA_N

ClientSampleId :

DCGL7DL

Tgt Ion:142 Resp: 278

Ion Ratio Lower Upper

142 100

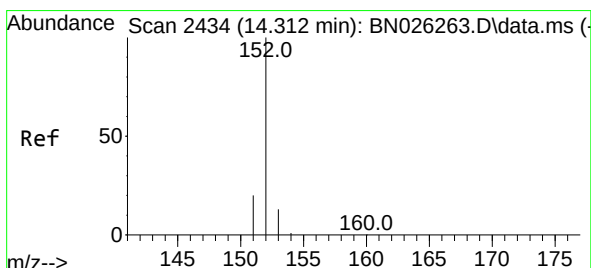
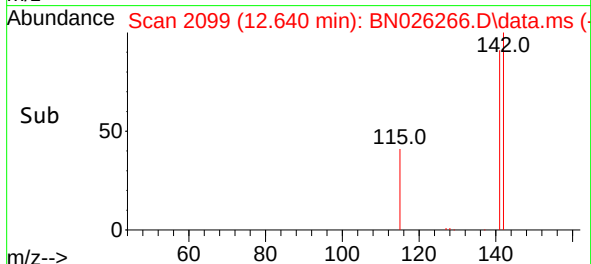
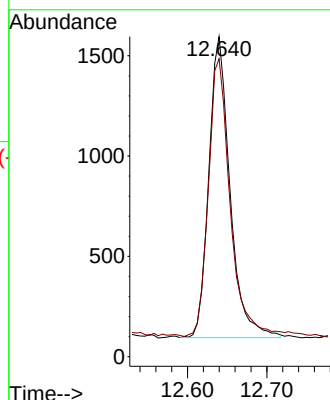
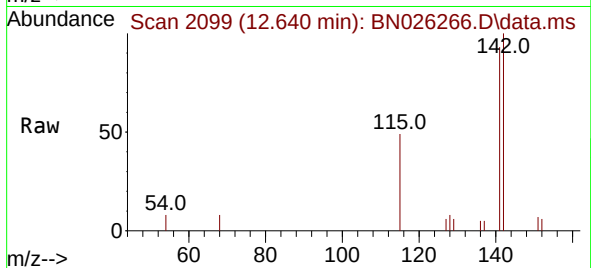
141 94.5 74.2 111.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#10

Acenaphthylene

Concen: 0.159 ng/ul

RT: 14.311 min Scan# 2434

Delta R.T. -0.001 min

Lab File: BN026266.D

Acq: 04 Jul 2023 17:26

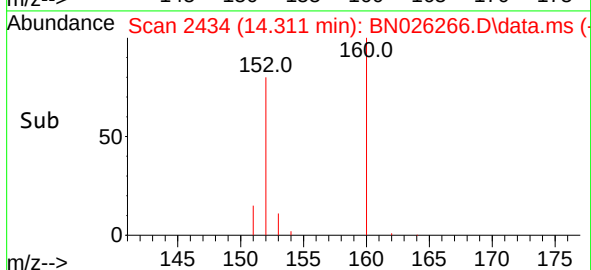
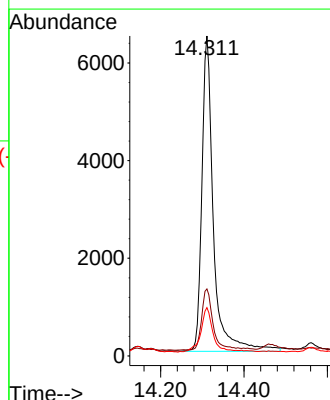
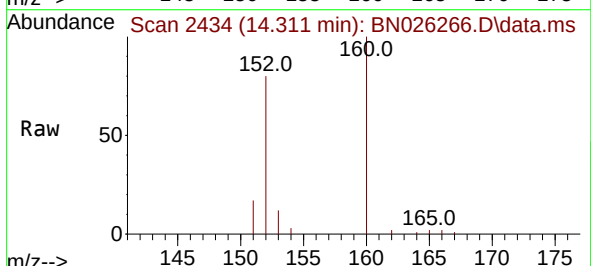
Tgt Ion:152 Resp: 12426

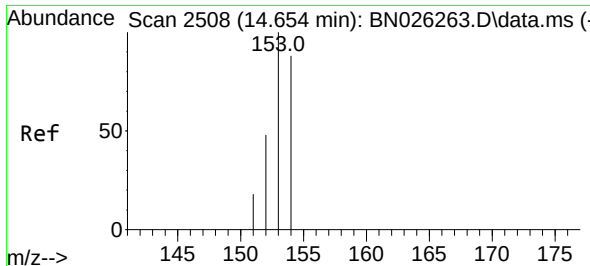
Ion Ratio Lower Upper

152 100

151 21.0 16.2 24.4

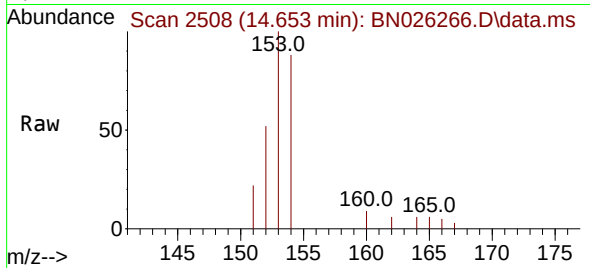
153 15.1 10.9 16.3





#11
Acenaphthene
Concen: 0.064 ng/ul
RT: 14.653 min Scan# 2508
Delta R.T. -0.001 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

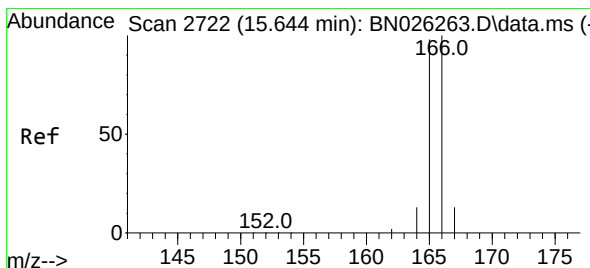
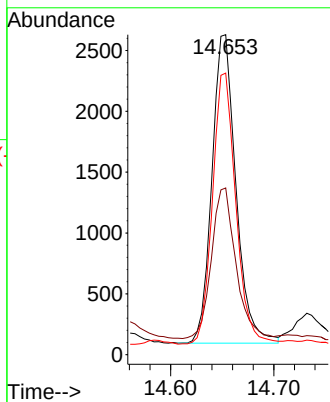
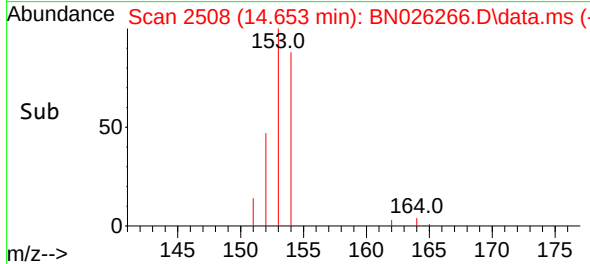
Instrument :
BNA_N
ClientSampleId :
DCGL7DL



Tgt Ion:153 Resp: 410
Ion Ratio Lower Upper
153 100
152 52.1 39.4 59.0
154 88.0 68.9 103.3

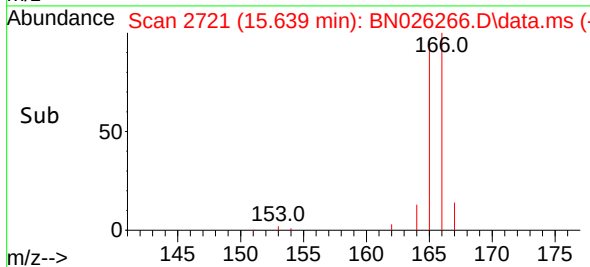
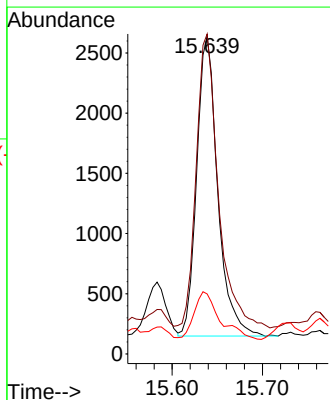
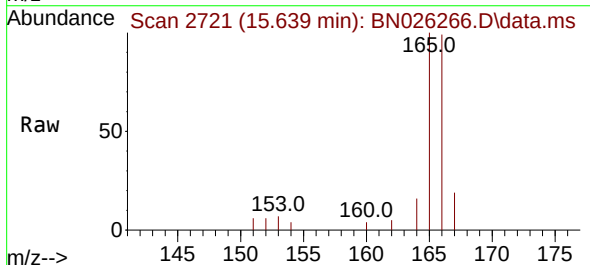
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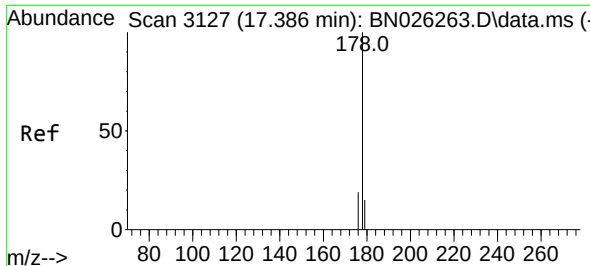
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#12
Fluorene
Concen: 0.055 ng/ul
RT: 15.639 min Scan# 2721
Delta R.T. -0.006 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

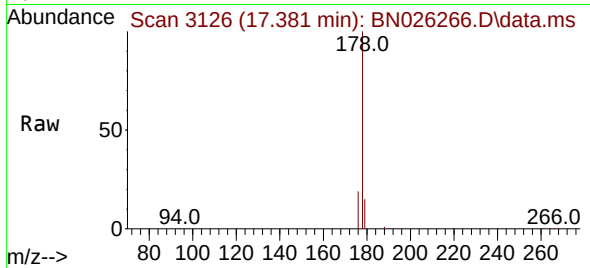
Tgt Ion:166 Resp: 4024
Ion Ratio Lower Upper
166 100
165 100.8 79.9 119.9
167 18.9 10.8 16.2#





#15
Phenanthrene
Concen: 1.143 ng/u1
RT: 17.381 min Scan# 3127
Delta R.T. -0.005 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

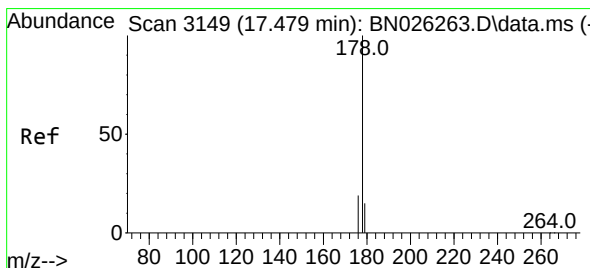
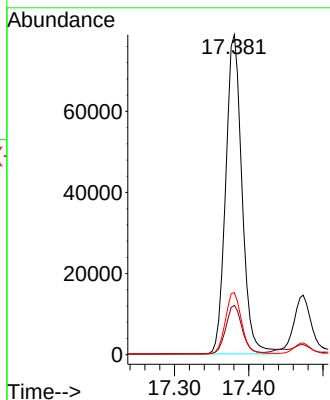
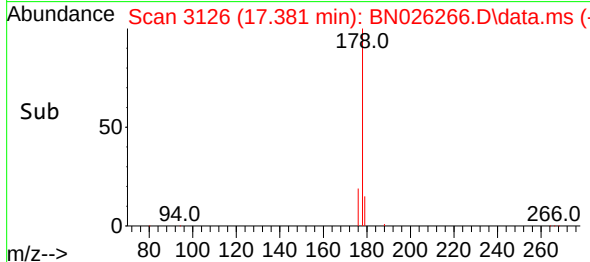
Instrument :
BNA_N
ClientSampleId :
DCGL7DL



Tgt Ion:178 Resp: 12019
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.4 15.8 23.6

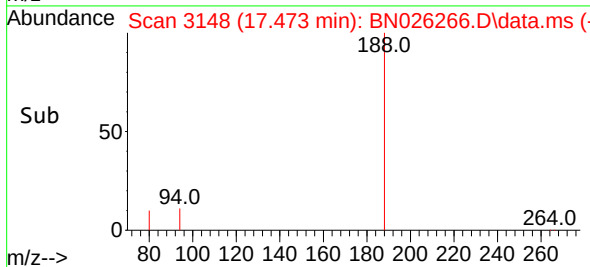
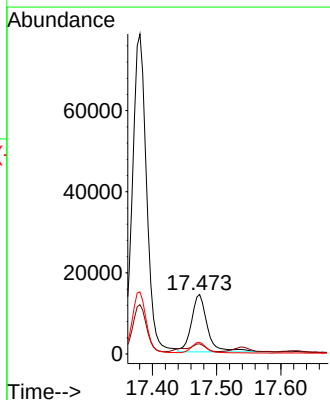
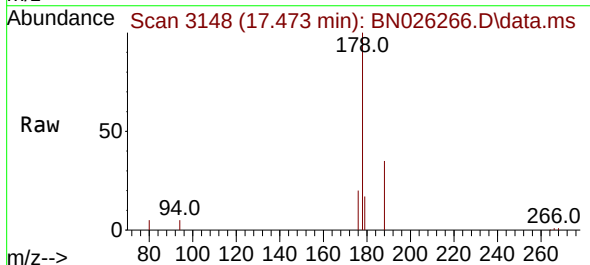
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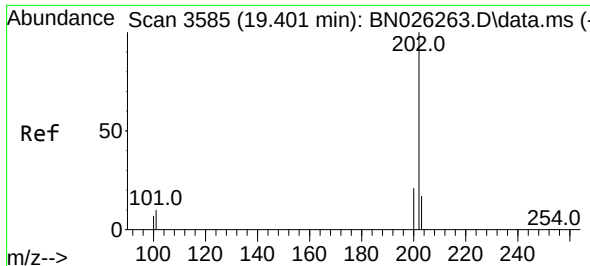
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.264 ng/u1
RT: 17.473 min Scan# 3148
Delta R.T. -0.005 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

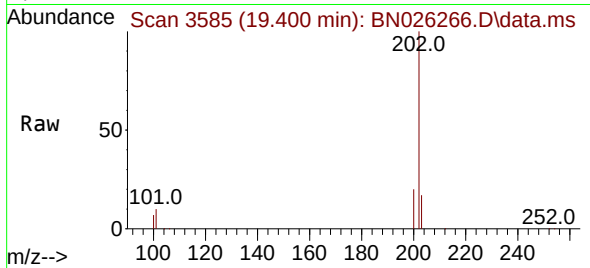
Tgt Ion:178 Resp: 24650
Ion Ratio Lower Upper
178 100
179 17.1 12.6 18.8
176 19.6 15.1 22.7





#19
Fluoranthene
Concen: 3.106 ng/ul
RT: 19.400 min Scan# 3585
Delta R.T. -0.001 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

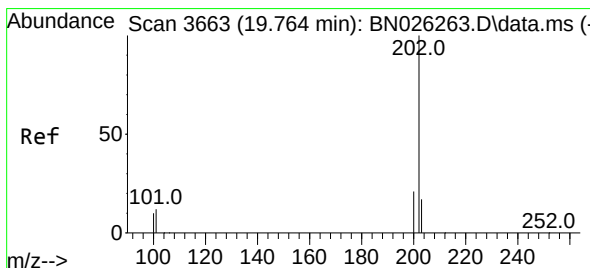
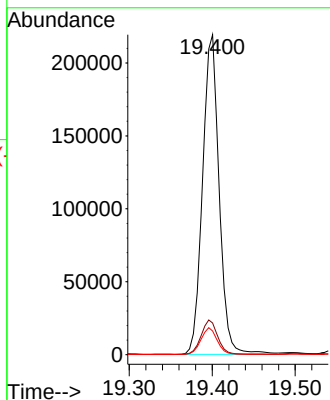
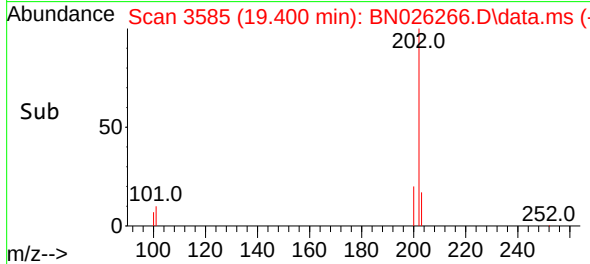
Instrument :
BNA_N
ClientSampleId :
DCGL7DL



Tgt Ion:202 Resp: 305010
Ion Ratio Lower Upper
202 100
101 9.9 9.5 14.3
100 7.4 7.3 10.9

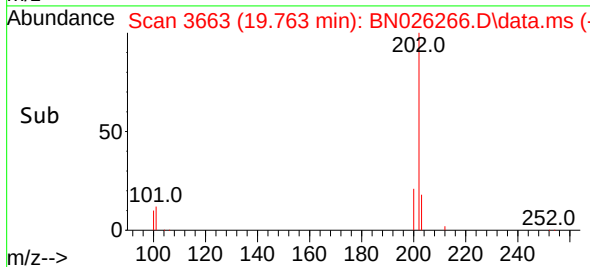
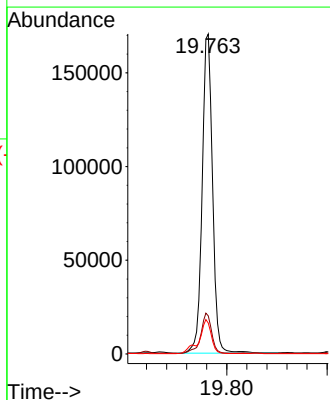
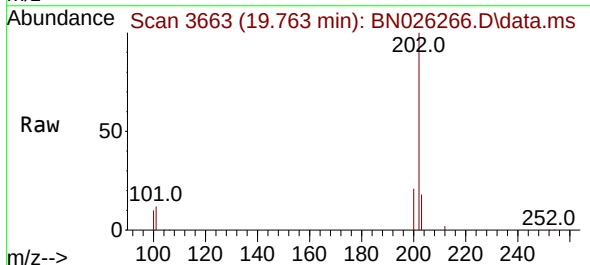
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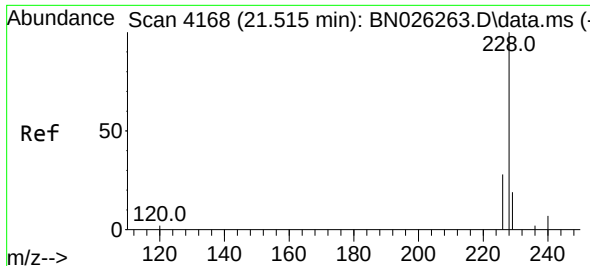
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#20
Pyrene
Concen: 2.404 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. -0.001 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

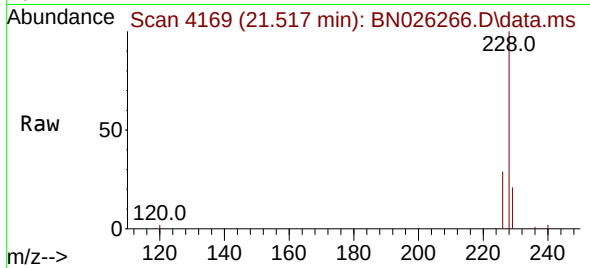
Tgt Ion:202 Resp: 245612
Ion Ratio Lower Upper
202 100
101 11.9 11.4 17.0
100 9.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.461 ng/u1
RT: 21.517 min Scan# 4169
Delta R.T. 0.002 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

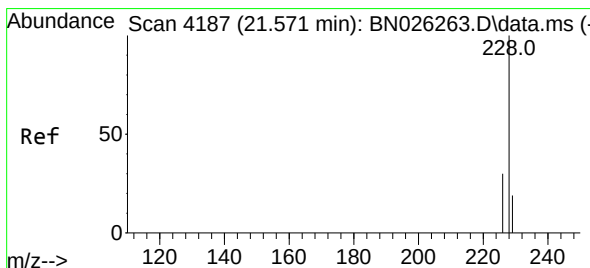
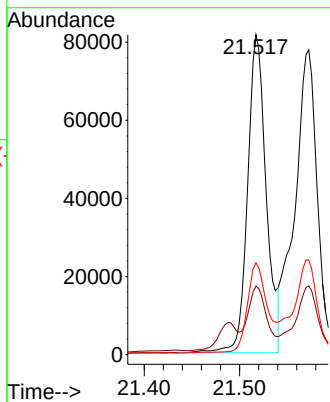
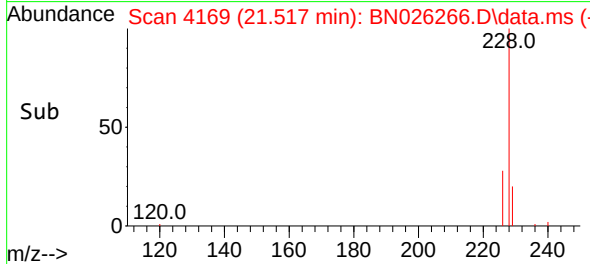
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BNA_N
ClientSampleId :
DCGL7DL



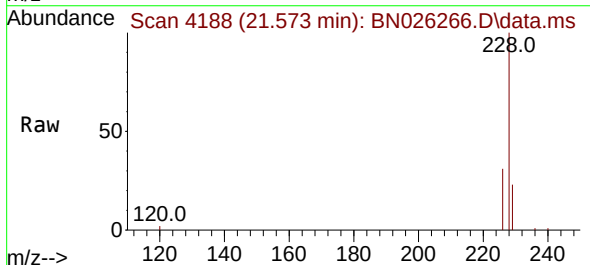
Tgt Ion:228 Resp: 110822
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.6
226 28.7 22.5 33.7

Manual Integrations
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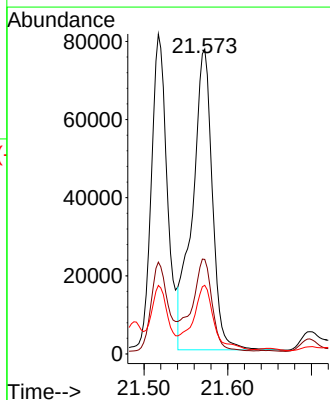
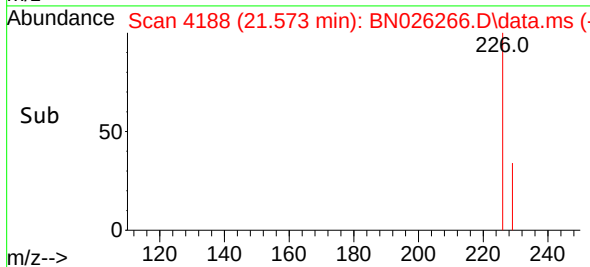
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

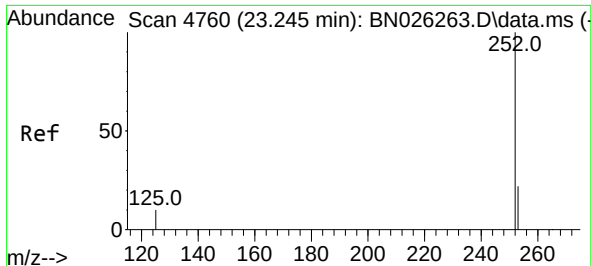


#22
Chrysene
Concen: 1.607 ng/u1
RT: 21.573 min Scan# 4188
Delta R.T. 0.002 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26



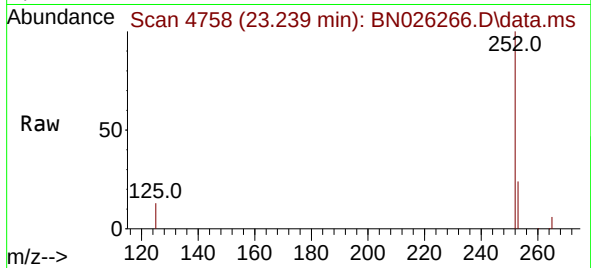
Tgt Ion:228 Resp: 126859
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 22.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.392 ng/ul m
RT: 23.239 min Scan# 4758
Delta R.T. -0.007 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

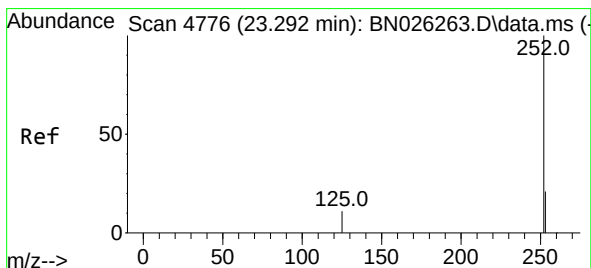
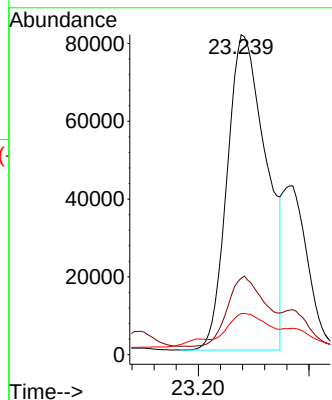
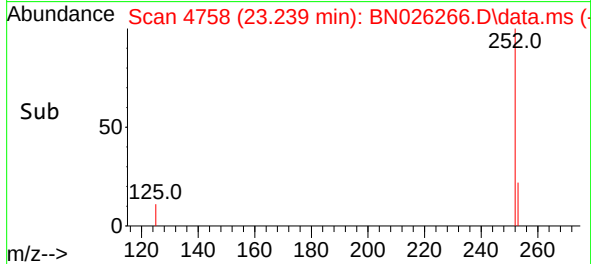
Instrument :
BNA_N
ClientSampleId :
DCGL7DL



Tgt Ion:252 Resp: 19941
Ion Ratio Lower Upper
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253 23.9 0.0 55.6
125 12.8 0.0 35.8

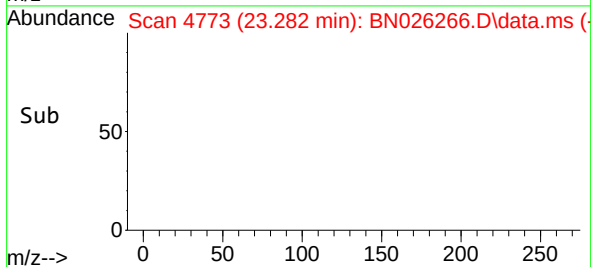
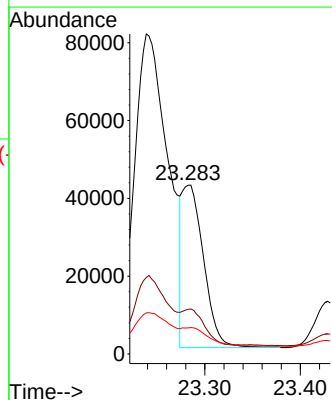
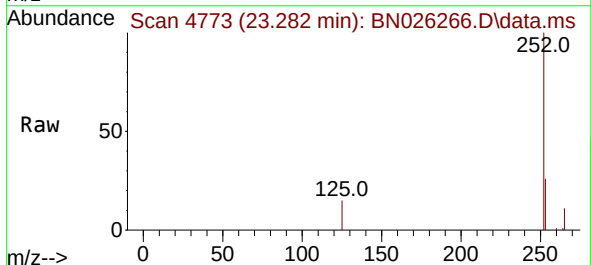
Manual Integrations
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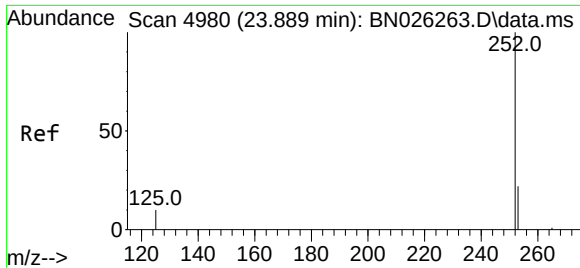
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.777 ng/ul m
RT: 23.282 min Scan# 4773
Delta R.T. -0.010 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

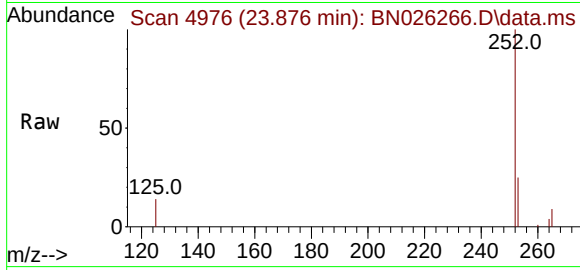
Tgt Ion:252 Resp: 65072
Ion Ratio Lower Upper
252 100
253 26.4 23.2 34.8
125 15.5 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.680 ng/ul
RT: 23.876 min Scan# 4976
Delta R.T. -0.013 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

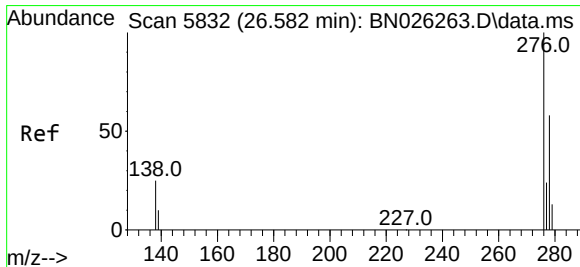
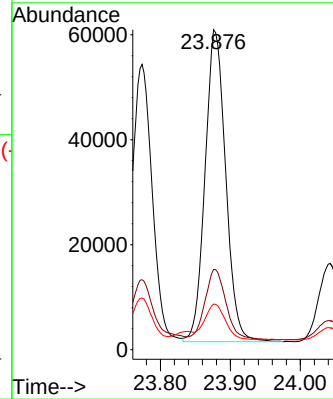
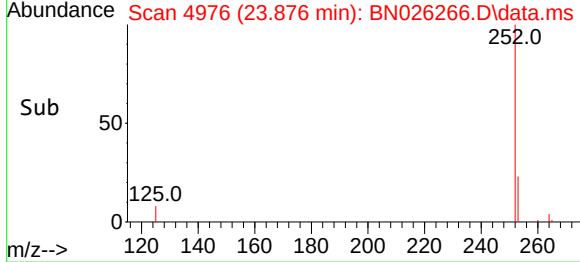
Instrument :
BNA_N
ClientSampleId :
DCGL7DL



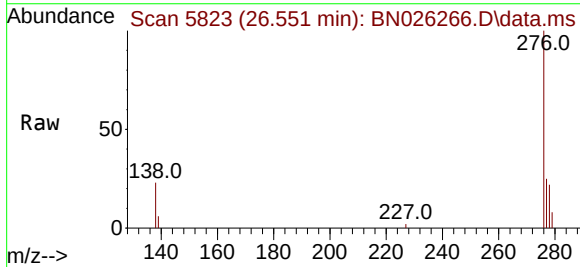
Tgt Ion:252 Resp: 121589
Ion Ratio Lower Upper
252 100
253 25.0 26.0 39.0#
125 14.2 17.3 25.9#

Manual Integrations
APPROVED

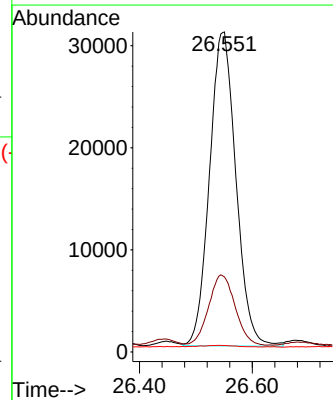
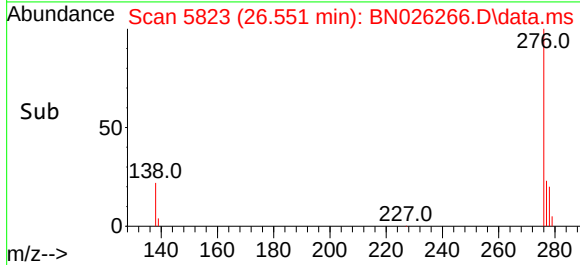
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

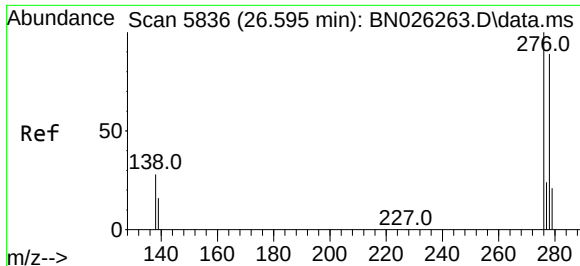


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.264 ng/ul
RT: 26.551 min Scan# 5823
Delta R.T. -0.031 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26



Tgt Ion:276 Resp: 99971
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7#
227 0.5 0.0 0.0#





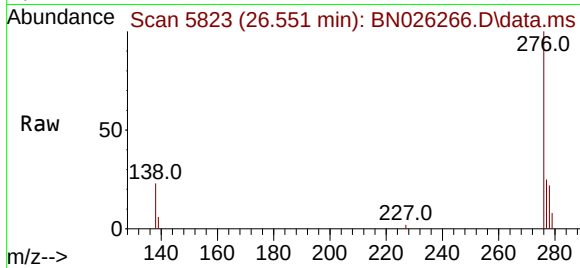
#28
Dibenzo(a,h)anthracene
Concen: 0.400 ng/ul
RT: 26.551 min Scan# 5823
Delta R.T. -0.045 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

Instrument :

BNA_N

ClientSampleId :

DCGL7DL



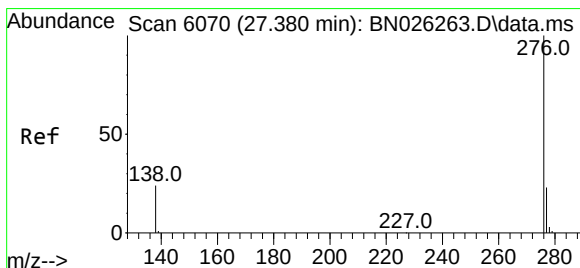
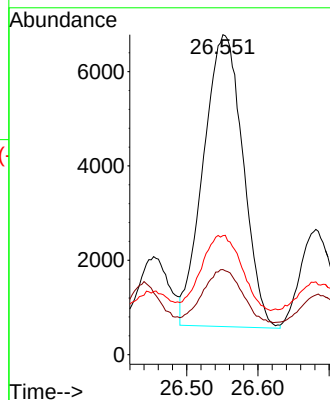
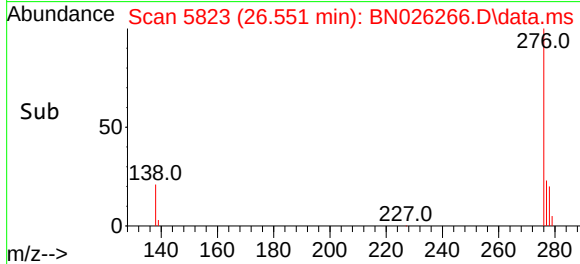
Tgt Ion:278 Resp: 23918
Ion Ratio Lower Upper
278 100
139 26.6 19.0 28.4
279 37.2 26.7 40.1

Manual Integrations

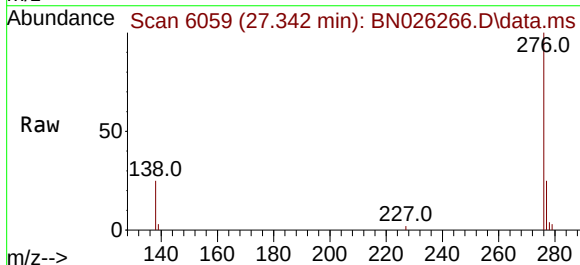
APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 1.479 ng/ul
RT: 27.342 min Scan# 6059
Delta R.T. -0.038 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26



Tgt Ion:276 Resp: 104005
Ion Ratio Lower Upper
276 100
138 24.8 23.4 35.0
277 24.5 20.0 30.0

