

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026256.D
 Acq On : 04 Jul 2023 10:42
 Operator : MA/JU
 Sample : 03245-17DL 5X
 Misc :
 ALS Vial : 113 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGH5DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 23:29:05 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 : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	9099	0.400	ng/ul	0.00
4) Naphthalene-d8	10.758	136	29131	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	16416	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	31428	0.400	ng/ul	0.00
17) Chrysene-d12	21.534	240	18579	0.400	ng/ul	0.00
23) Perylene-d12	23.995	264	20009	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	4040	0.394	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	1256	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	2139	0.030	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.807	128	6775	0.081	ng/ul	97
7) 2-Methylnaphthalene	12.424	142	3832	0.072	ng/ul	100
8) 1-Methylnaphthalene	12.644	142	3595	0.065	ng/ul	100
10) Acenaphthylene	14.311	152	14391	0.187	ng/ul	97
11) Acenaphthene	14.653	153	4097	0.065	ng/ul	98
12) Fluorene	15.638	166	5095	0.071	ng/ul#	98
15) Phenanthrene	17.380	178	143300	1.380	ng/ul	99
16) Anthracene	17.473	178	26317	0.285	ng/ul	97
19) Fluoranthene	19.400	202	350993	3.537	ng/ul	96
20) Pyrene	19.762	202	273717	2.652	ng/ul	96
21) Benzo(a)anthracene	21.516	228	118086	1.541	ng/ul	98
22) Chrysene	21.569	228	139902	1.754	ng/ul	98
24) Benzo(b)fluoranthene	23.250	252	211573m	2.477	ng/ul	
25) Benzo(k)fluoranthene	23.288	252	69648m	0.812	ng/ul	
26) Benzo(a)pyrene	23.896	252	131270	1.770	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.580	276	101554	1.253	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.590	278	23976	0.391	ng/ul	93
29) Benzo(g,h,i)perylene	27.385	276	99611	1.382	ng/ul	95

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

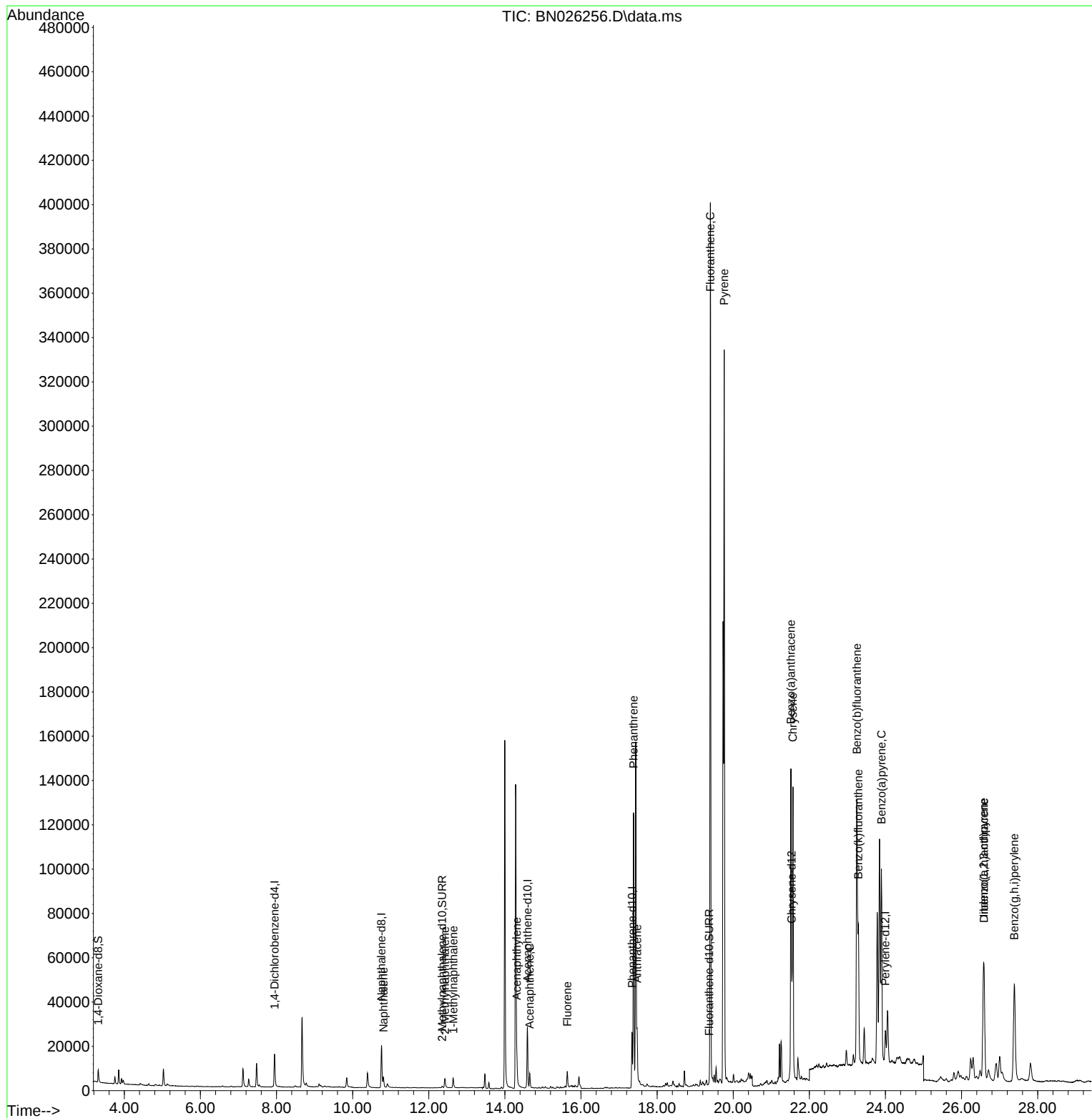
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026256.D
Acq On : 04 Jul 2023 10:42
Operator : MA/JU
Sample : 03245-17DL 5X
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ALS Vial : 113 Sample Multiplier: 1

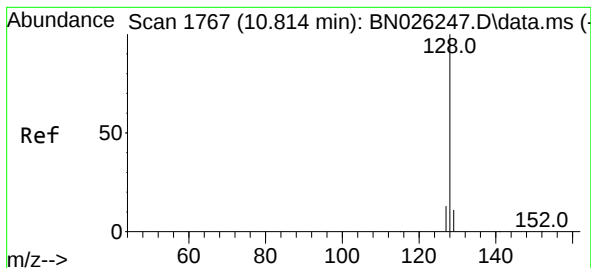
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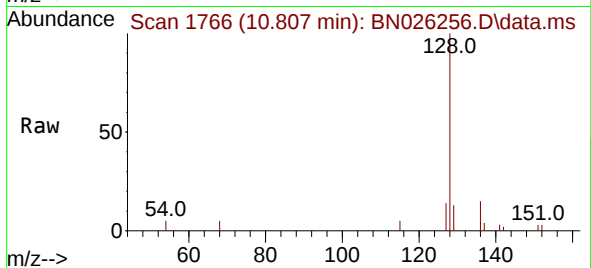
Quant Time: Jul 04 23:29:05 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 04 00:40:07 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.081 ng/ul
RT: 10.807 min Scan# 1766
Delta R.T. -0.007 min
Lab File: BN026256.D
Acq: 04 Jul 2023 10:42

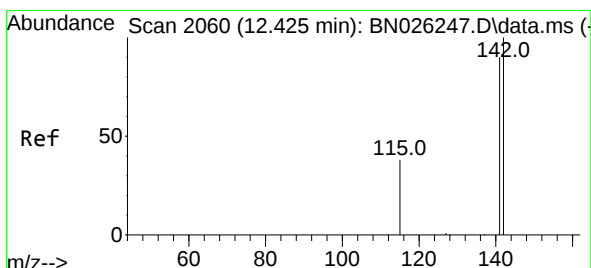
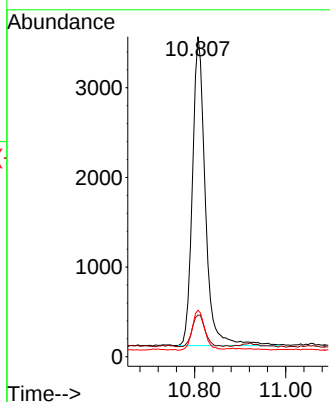
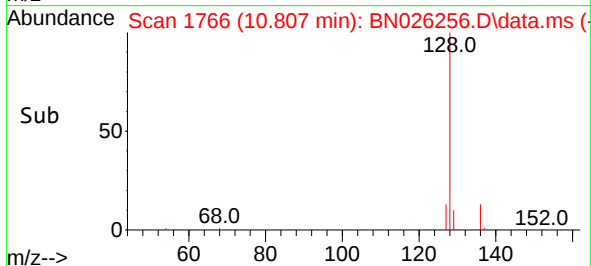
Instrument :
BNA_N
ClientSampleId :
DCGH5DL



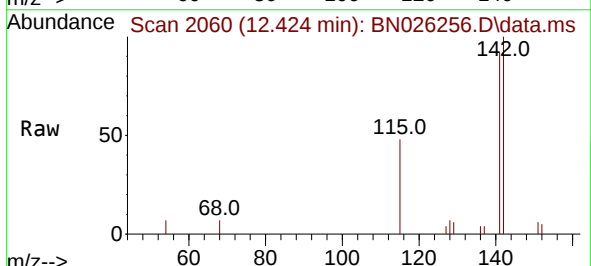
Tgt Ion:128 Resp: 6775
Ion Ratio Lower Upper
128 100
129 13.0 9.1 13.7
127 14.5 10.7 16.1

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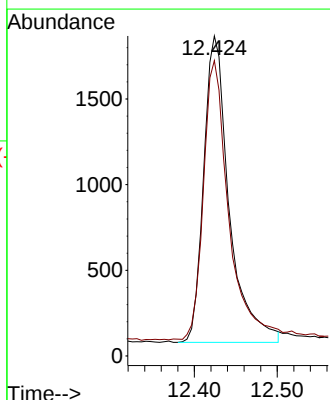
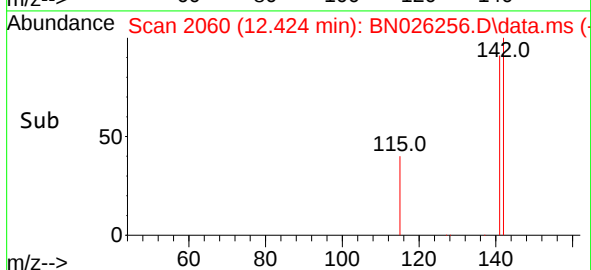
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

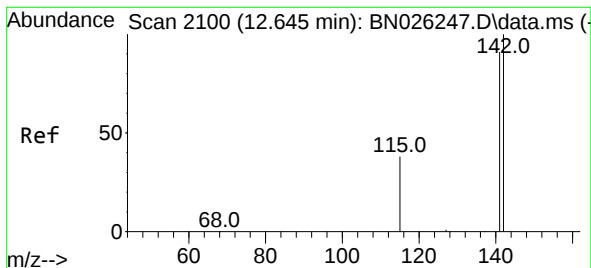


#7
2-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.424 min Scan# 2060
Delta R.T. -0.007 min
Lab File: BN026256.D
Acq: 04 Jul 2023 10:42



Tgt Ion:142 Resp: 3832
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.065 ng/ul

RT: 12.644 min Scan# 2100

Delta R.T. -0.001 min

Lab File: BN026256.D

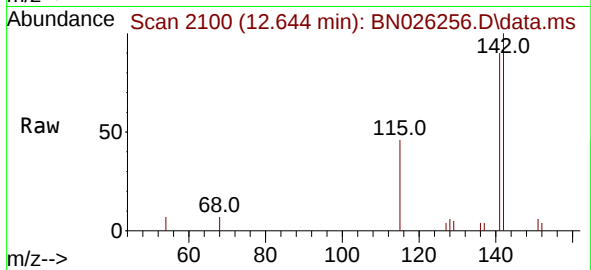
Acq: 04 Jul 2023 10:42

Instrument :

BNA_N

ClientSampleId :

DCGH5DL



Tgt Ion:142 Resp: 359

Ion Ratio Lower Upper

142 100

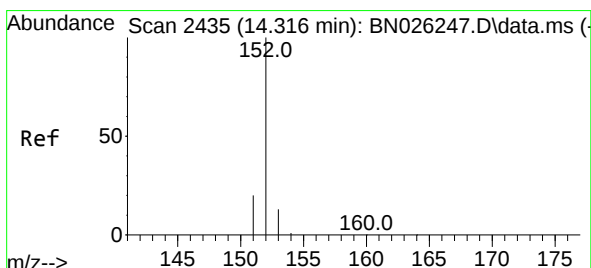
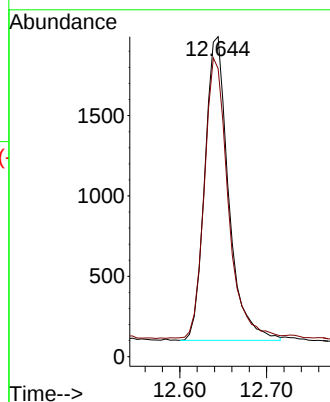
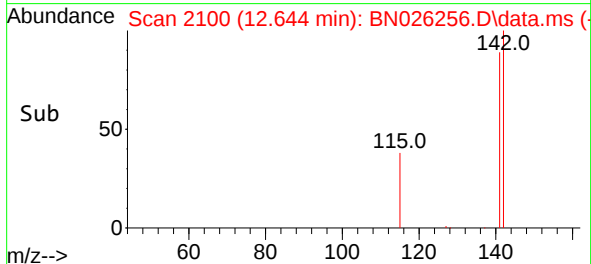
141 92.9 74.2 111.4

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#10

Acenaphthylene

Concen: 0.187 ng/ul

RT: 14.311 min Scan# 2434

Delta R.T. -0.010 min

Lab File: BN026256.D

Acq: 04 Jul 2023 10:42

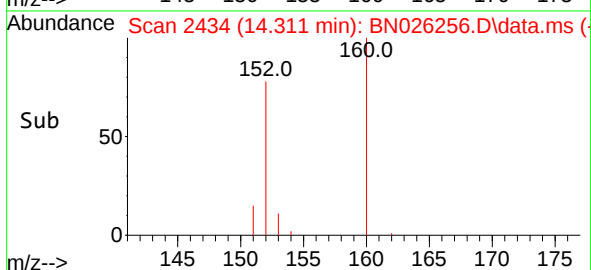
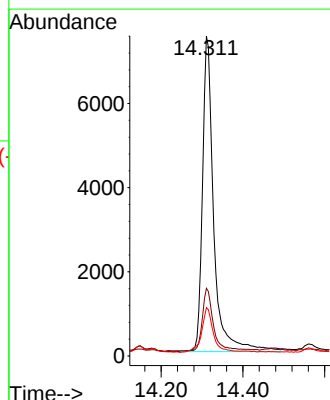
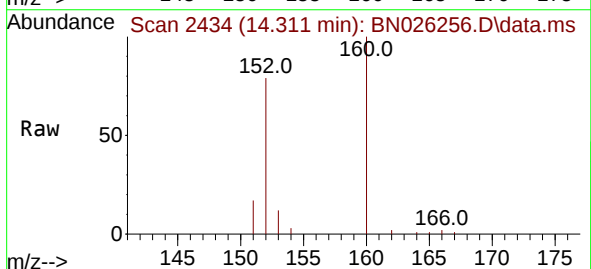
Tgt Ion:152 Resp: 14391

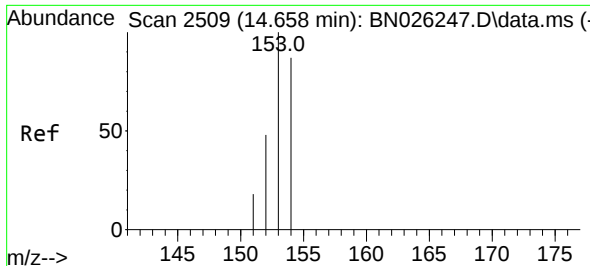
Ion Ratio Lower Upper

152 100

151 21.1 16.2 24.4

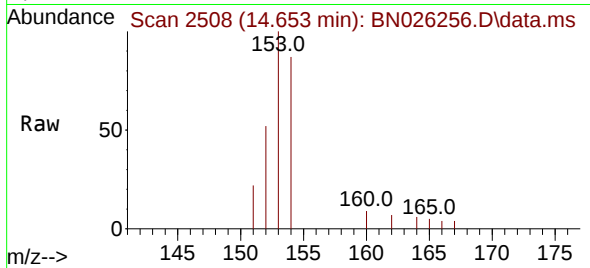
153 15.1 10.9 16.3





#11
Acenaphthene
Concen: 0.065 ng/ul
RT: 14.653 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN026256.D
Acq: 04 Jul 2023 10:42

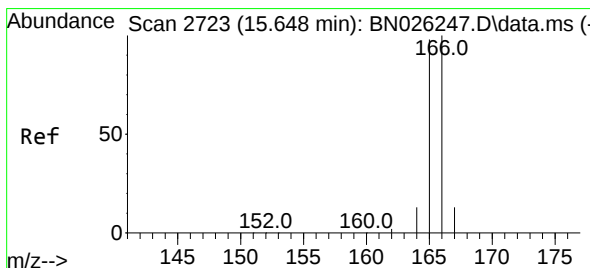
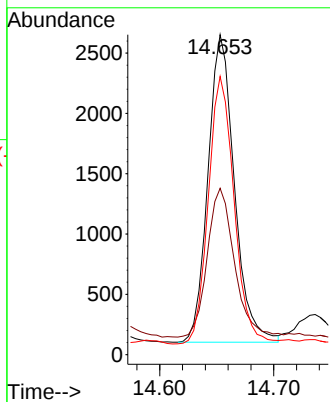
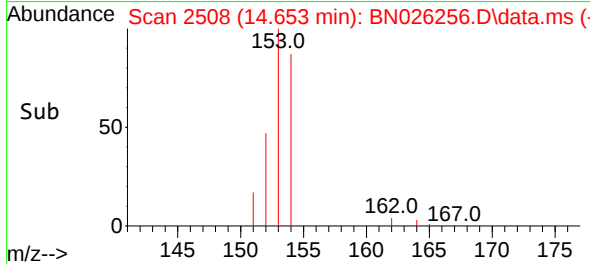
Instrument :
BNA_N
ClientSampleId :
DCGH5DL



Tgt Ion:153 Resp: 409
Ion Ratio Lower Upper
153 100
152 52.0 39.4 59.0
154 87.0 68.9 103.3

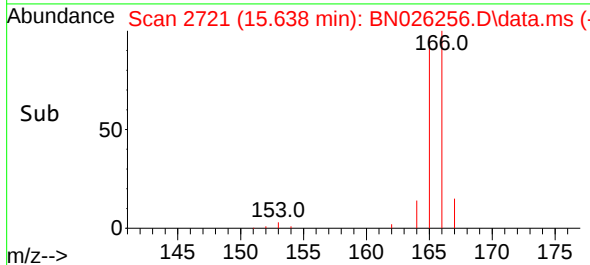
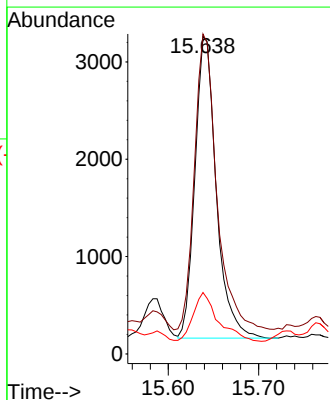
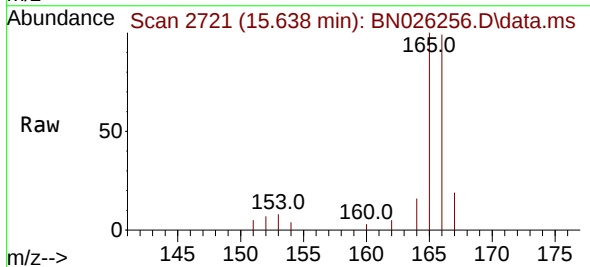
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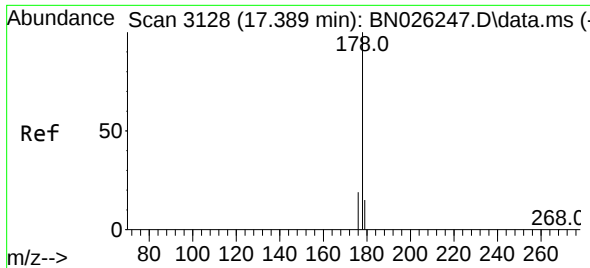
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#12
Fluorene
Concen: 0.071 ng/ul
RT: 15.638 min Scan# 2721
Delta R.T. -0.010 min
Lab File: BN026256.D
Acq: 04 Jul 2023 10:42

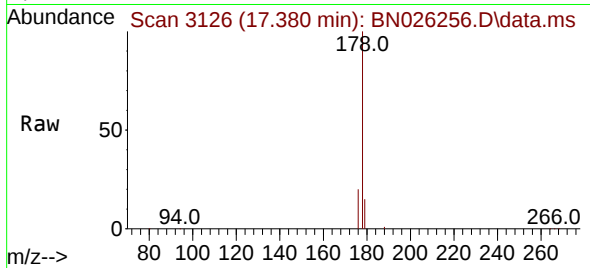
Tgt Ion:166 Resp: 5095
Ion Ratio Lower Upper
166 100
165 100.7 79.9 119.9
167 19.3 10.8 16.2#





#15
Phenanthrene
Concen: 1.380 ng/u1
RT: 17.380 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BN026256.D
Acq: 04 Jul 2023 10:42

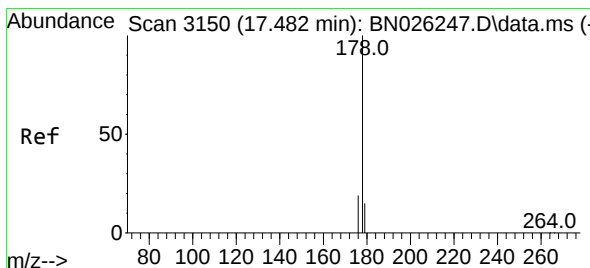
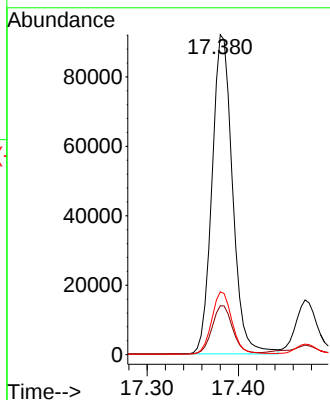
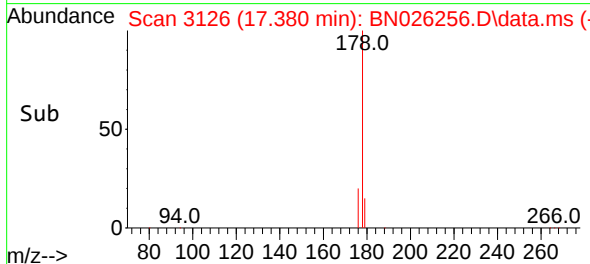
Instrument :
BNA_N
ClientSampleId :
DCGH5DL



Tgt Ion:178 Resp: 143300
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.6 15.8 23.6

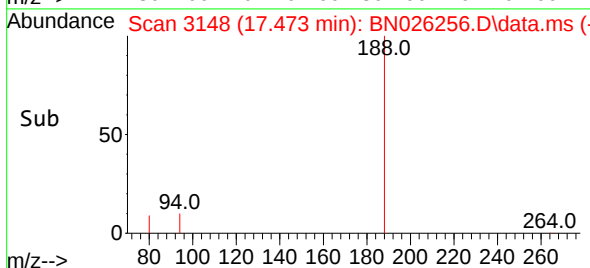
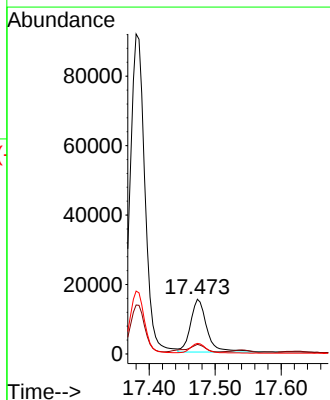
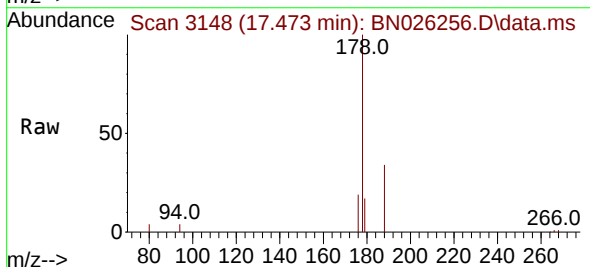
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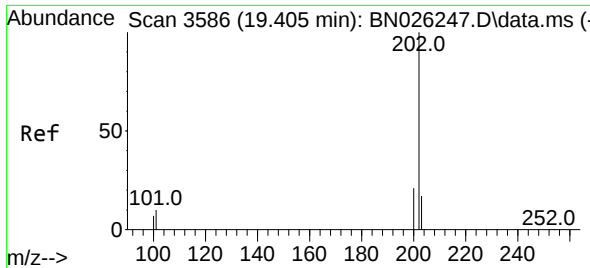
Reviewed By :Yogesh Patel 07/05/2023
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#16
Anthracene
Concen: 0.285 ng/u1
RT: 17.473 min Scan# 3148
Delta R.T. -0.009 min
Lab File: BN026256.D
Acq: 04 Jul 2023 10:42

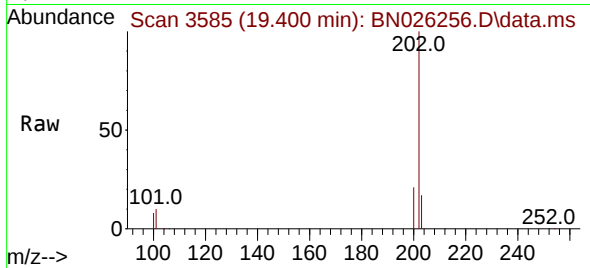
Tgt Ion:178 Resp: 26317
Ion Ratio Lower Upper
178 100
179 17.4 12.6 18.8
176 19.4 15.1 22.7





#19
Fluoranthene
Concen: 3.537 ng/u1
RT: 19.400 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN026256.D
Acq: 04 Jul 2023 10:42

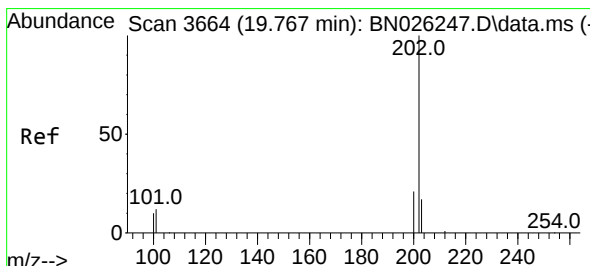
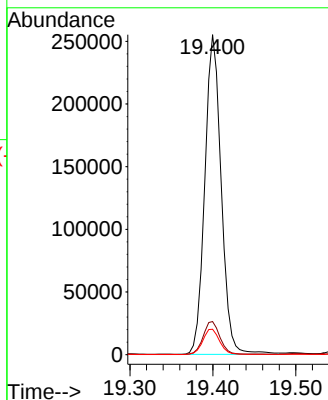
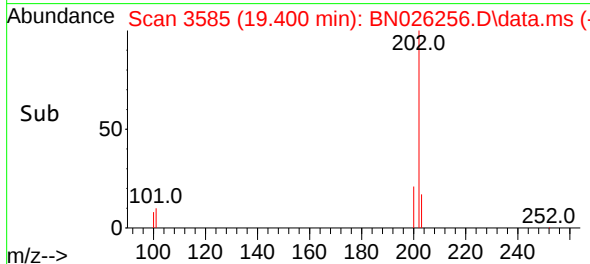
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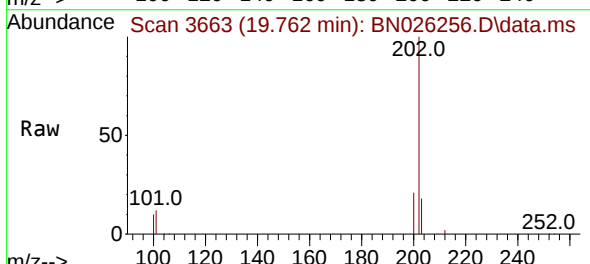
Tgt Ion:202 Resp: 35099
Ion Ratio Lower Upper
202 100
101 10.4 9.5 14.3
100 7.9 7.3 10.9

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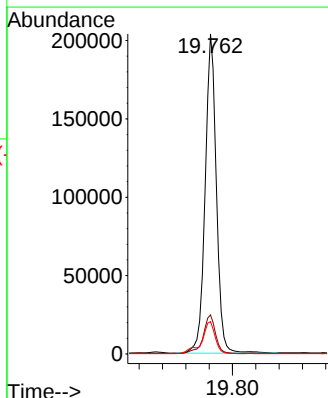
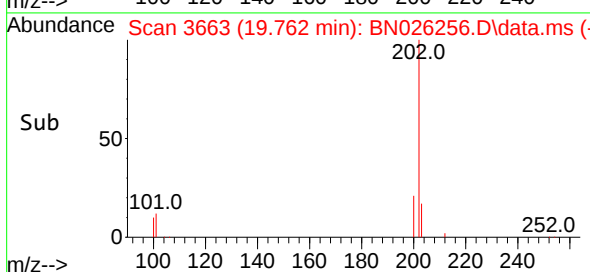
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

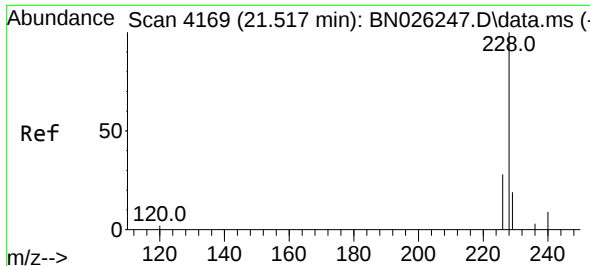


#20
Pyrene
Concen: 2.652 ng/u1
RT: 19.762 min Scan# 3663
Delta R.T. -0.010 min
Lab File: BN026256.D
Acq: 04 Jul 2023 10:42



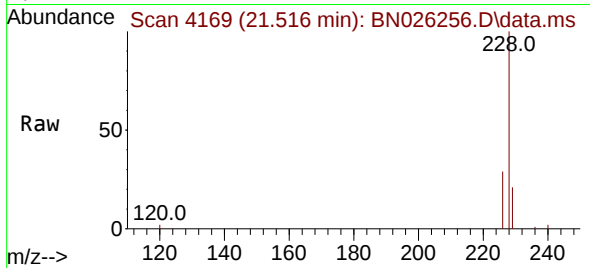
Tgt Ion:202 Resp: 273717
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 10.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.541 ng/ul
RT: 21.516 min Scan# 4169
Delta R.T. -0.007 min
Lab File: BN026256.D
Acq: 04 Jul 2023 10:42

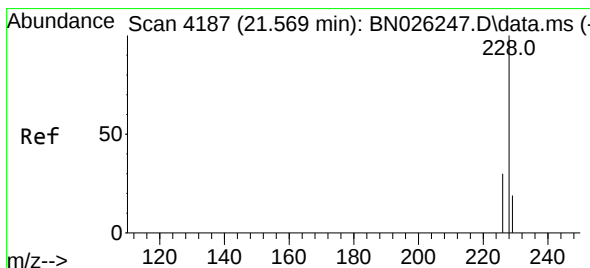
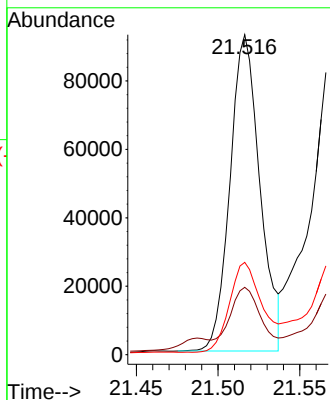
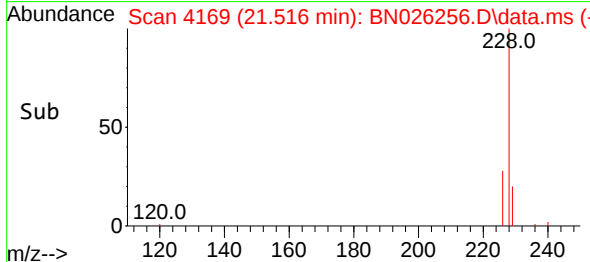
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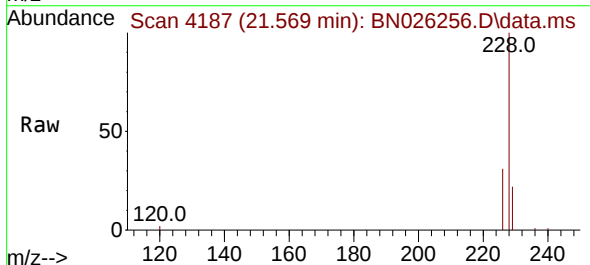
Tgt Ion:228 Resp: 118080
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 28.9 22.5 33.7

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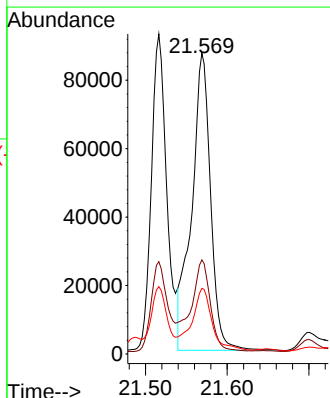
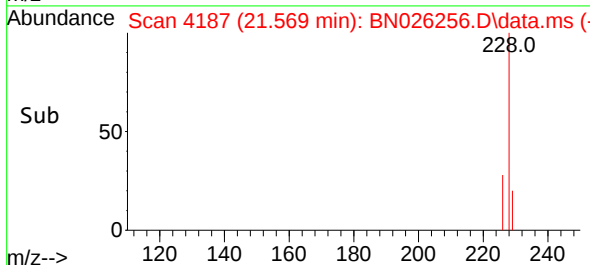
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

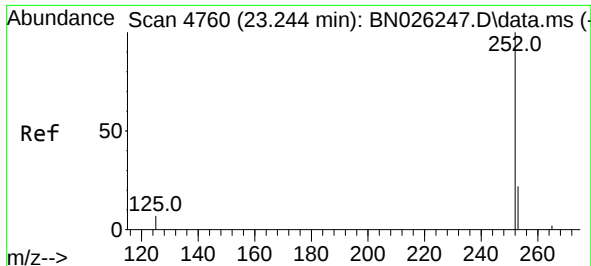


#22
Chrysene
Concen: 1.754 ng/ul
RT: 21.569 min Scan# 4187
Delta R.T. -0.010 min
Lab File: BN026256.D
Acq: 04 Jul 2023 10:42



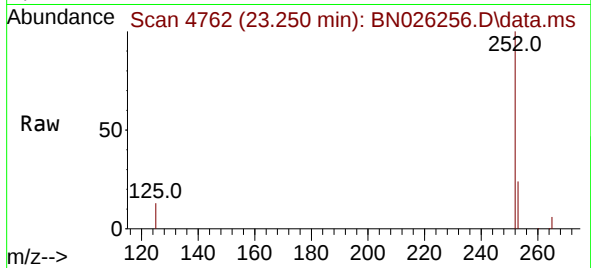
Tgt Ion:228 Resp: 139902
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.477 ng/ul m
RT: 23.250 min Scan# 4760
Delta R.T. -0.004 min
Lab File: BN026256.D
Acq: 04 Jul 2023 10:42

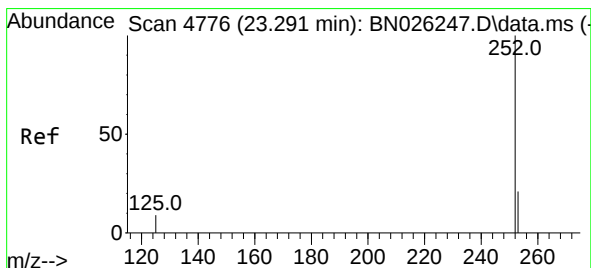
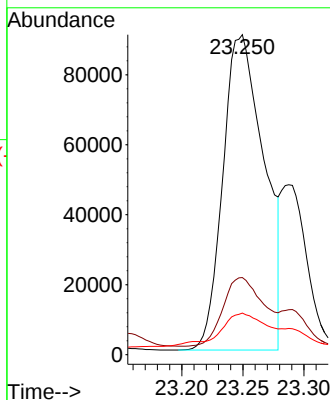
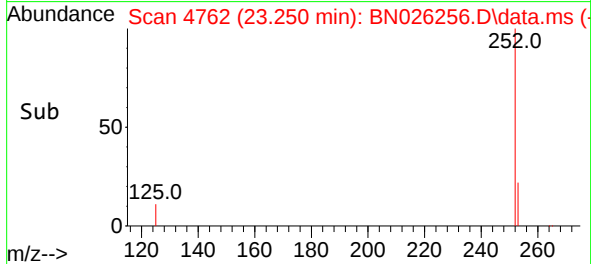
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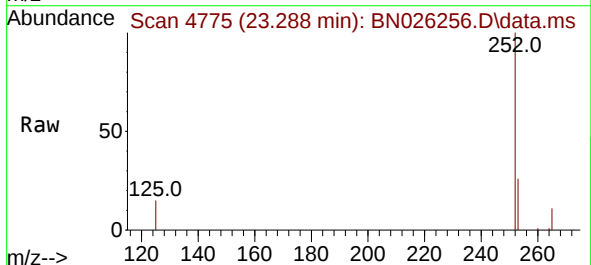
Tgt Ion:252 Resp: 21157
Ion Ratio Lower Upper
252 100
253 24.1 0.0 55.6
125 13.0 0.0 35.8

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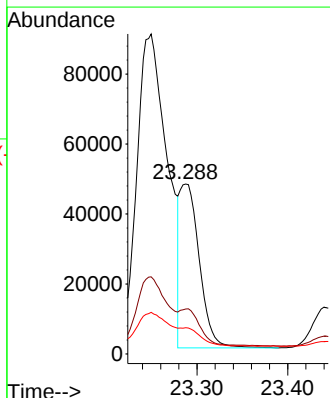
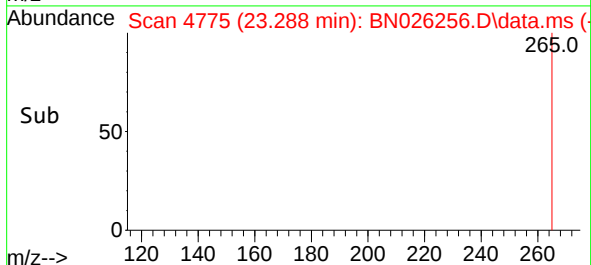
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

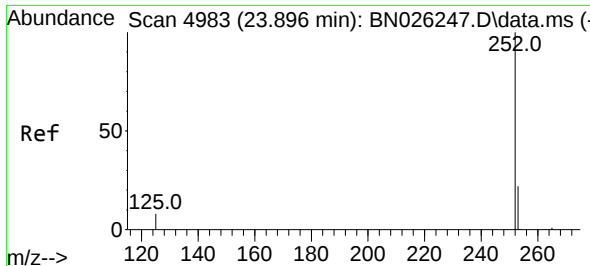


#25
Benzo(k)fluoranthene
Concen: 0.812 ng/ul m
RT: 23.288 min Scan# 4775
Delta R.T. -0.016 min
Lab File: BN026256.D
Acq: 04 Jul 2023 10:42



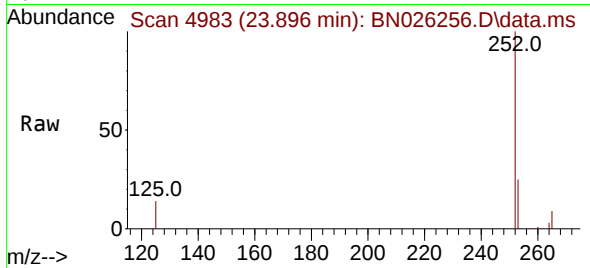
Tgt Ion:252 Resp: 69648
Ion Ratio Lower Upper
252 100
253 26.5 23.2 34.8
125 15.4 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.770 ng/ul
RT: 23.896 min Scan# 4983
Delta R.T. 0.002 min
Lab File: BN026256.D
Acq: 04 Jul 2023 10:42

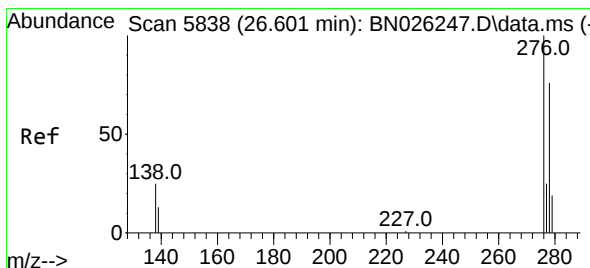
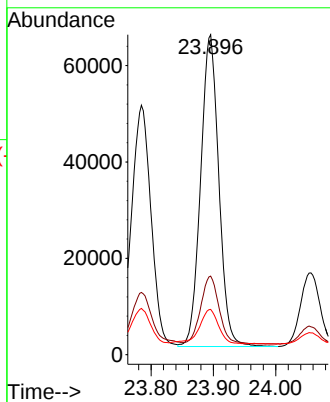
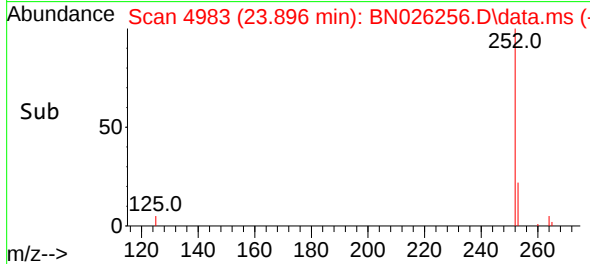
Instrument :
BNA_N
ClientSampleId :
DCGH5DL



Tgt Ion:252 Resp: 131270
Ion Ratio Lower Upper
252 100
253 24.6 26.0 39.0#
125 14.1 17.3 25.9#

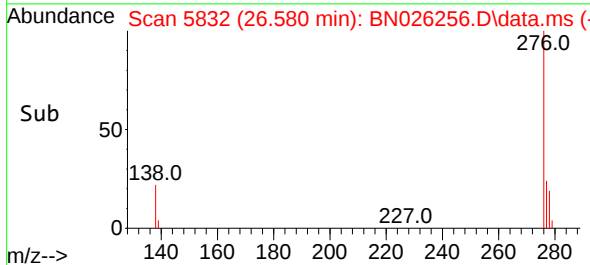
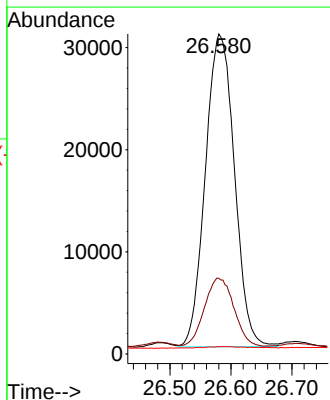
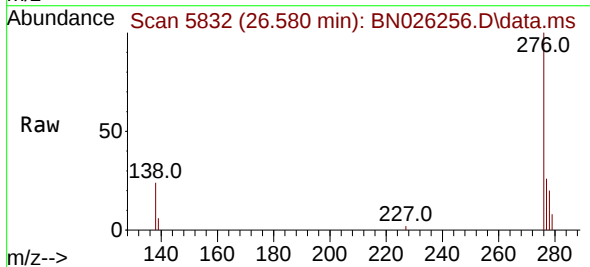
Manual Integrations
APPROVED

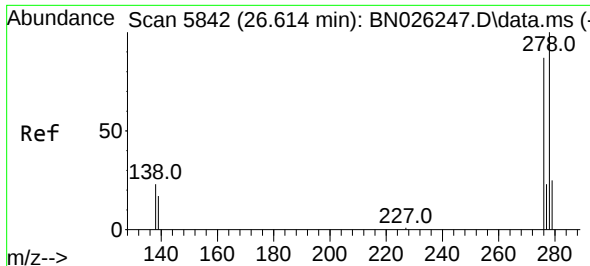
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.253 ng/ul
RT: 26.580 min Scan# 5832
Delta R.T. -0.008 min
Lab File: BN026256.D
Acq: 04 Jul 2023 10:42

Tgt Ion:276 Resp: 101554
Ion Ratio Lower Upper
276 100
138 21.9 24.5 36.7#
227 0.4 0.0 0.0#





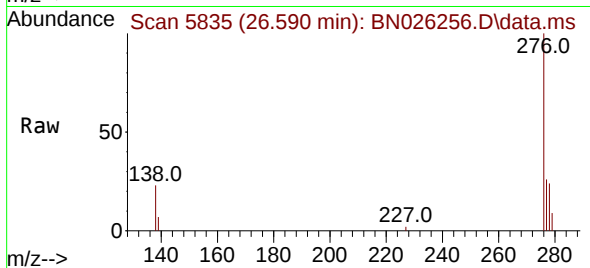
#28
Dibenzo(a,h)anthracene
Concen: 0.391 ng/ul
RT: 26.590 min Scan# 5835
Delta R.T. -0.018 min
Lab File: BN026256.D
Acq: 04 Jul 2023 10:42

Instrument :

BNA_N

ClientSampleId :

DCGH5DL



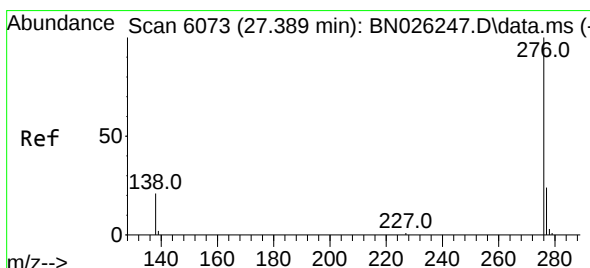
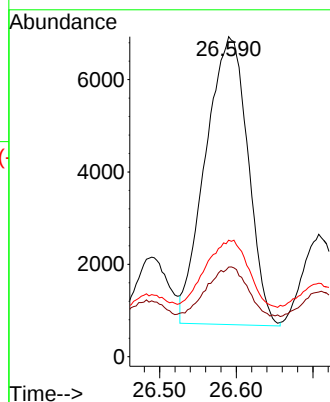
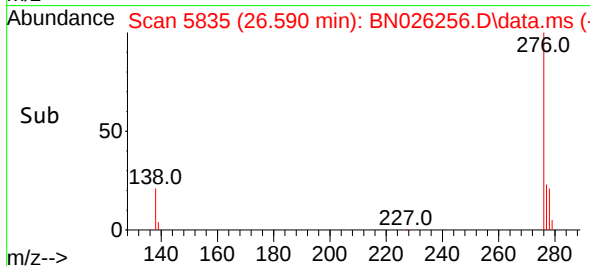
Tgt Ion:278 Resp: 23970
Ion Ratio Lower Upper
278 100
139 28.0 19.0 28.4
279 36.4 26.7 40.1

Manual Integrations

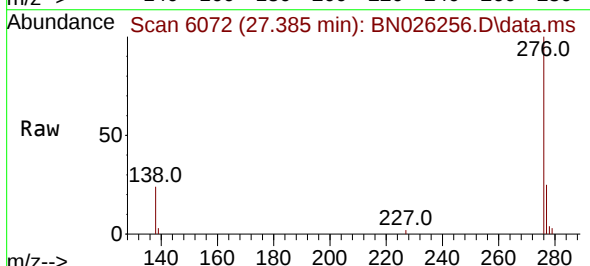
APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 1.382 ng/ul
RT: 27.385 min Scan# 6072
Delta R.T. -0.001 min
Lab File: BN026256.D
Acq: 04 Jul 2023 10:42



Tgt Ion:276 Resp: 99611
Ion Ratio Lower Upper
276 100
138 24.3 23.4 35.0
277 25.1 20.0 30.0

