

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026122.D
 Acq On : 30 Jun 2023 09:41
 Operator : MA/JU
 Sample : 03239-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 00:54:09 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 Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	10654	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.770	136	33955	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.602	164	19404	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	37437	0.400	ng/ul	-0.01
17) Chrysene-d12	21.538	240	20865	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	21993	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	23875	1.990	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	6849	0.131	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	11585	0.146	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.820	128	16639	0.171	ng/ul	98
7) 2-Methylnaphthalene	12.431	142	9583	0.155	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	7431	0.116	ng/ul	100
10) Acenaphthylene	14.320	152	35281	0.388	ng/ul	99
11) Acenaphthene	14.663	153	7501	0.101	ng/ul	98
12) Fluorene	15.648	166	7364	0.086	ng/ul#	98
15) Phenanthrene	17.389	178	201975	1.633	ng/ul	99
16) Anthracene	17.478	178	39045	0.355	ng/ul	99
19) Fluoranthene	19.405	202	522925	4.692	ng/ul	97
20) Pyrene	19.768	202	443411	3.825	ng/ul	97
21) Benzo(a)anthracene	21.520	228	221697	2.576	ng/ul	98
22) Chrysene	21.578	228	250074	2.792	ng/ul	97
24) Benzo(b)fluoranthene	23.247	252	403788m	4.302	ng/ul	
25) Benzo(k)fluoranthene	23.288	252	118012m	1.252	ng/ul	
26) Benzo(a)pyrene	23.888	252	236811	2.905	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.557	276	215199	2.417	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.557	278	51776	0.768	ng/ul	100
29) Benzo(g,h,i)perylene	27.349	276	221278	2.793	ng/ul	94

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

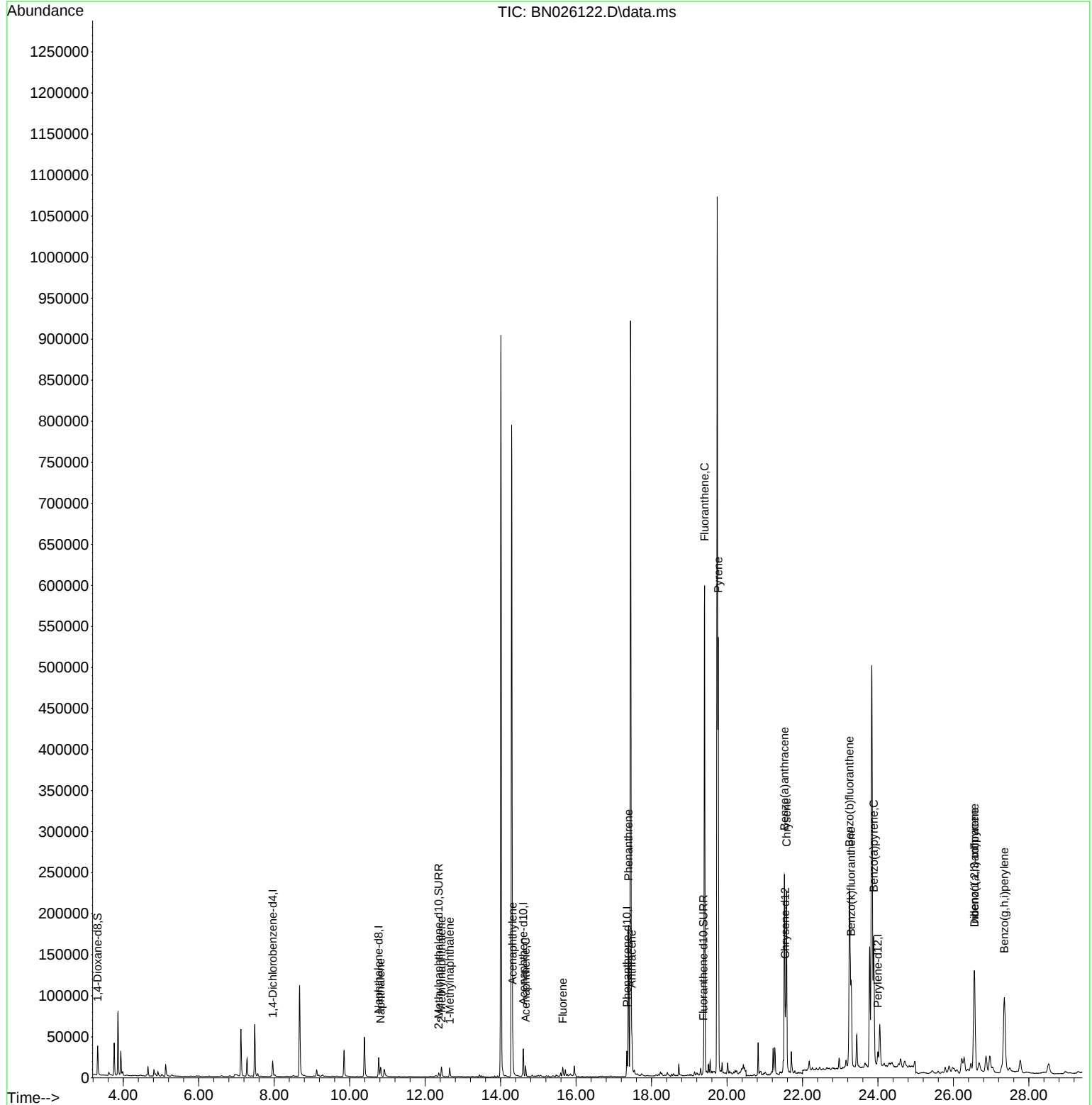
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
Data File : BN026122.D
Acq On : 30 Jun 2023 09:41
Operator : MA/JU
Sample : 03239-02
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ALS Vial : 4 Sample Multiplier: 1

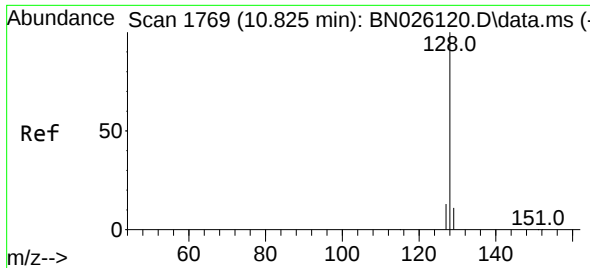
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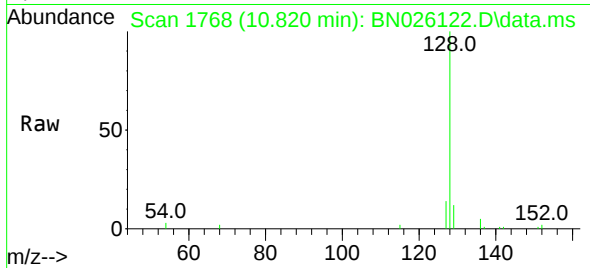
Quant Time: Jul 01 00:54:09 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.171 ng/ul
RT: 10.820 min Scan# 1769
Delta R.T. -0.017 min
Lab File: BN026122.D
Acq: 30 Jun 2023 09:41

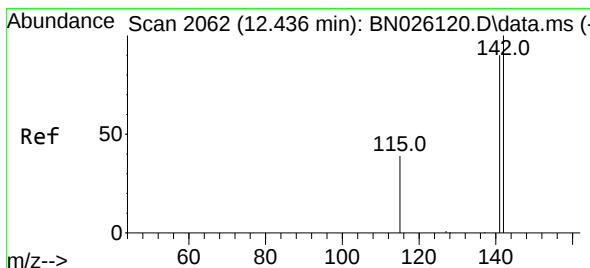
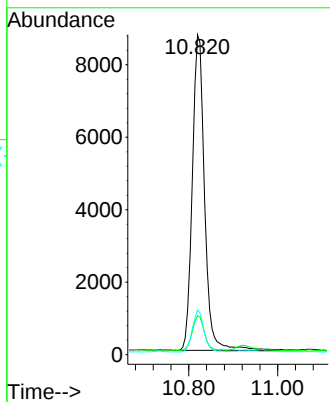
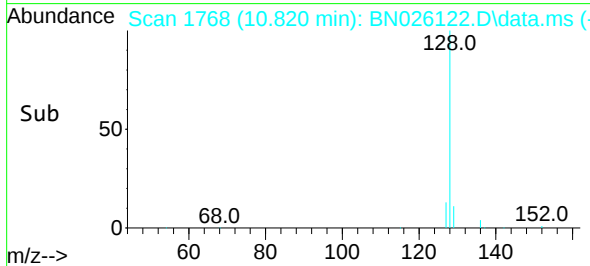
Instrument :
BNA_N
ClientSampleId :
DCFY0



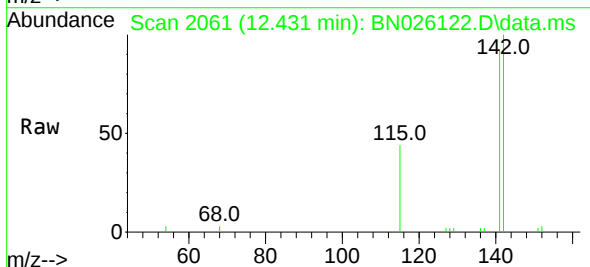
Tgt Ion:128 Resp: 16639
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 14.1 10.7 16.1

Manual Integrations
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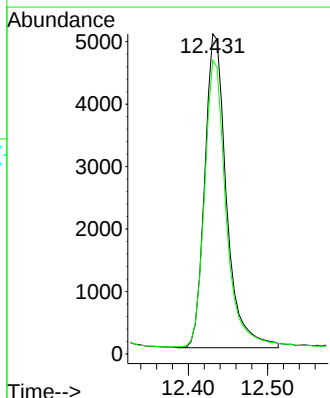
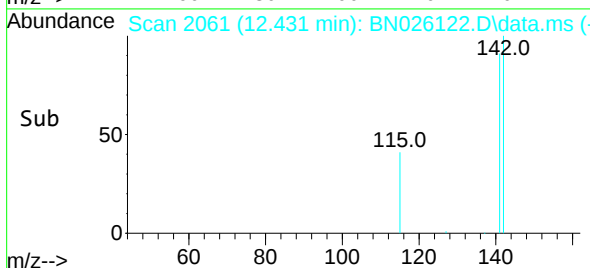
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

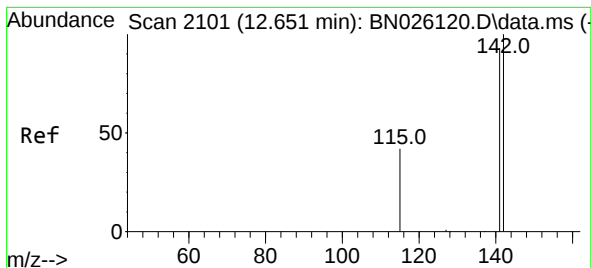


#7
2-Methylnaphthalene
Concen: 0.155 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.017 min
Lab File: BN026122.D
Acq: 30 Jun 2023 09:41



Tgt Ion:142 Resp: 9583
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.116 ng/ul

RT: 12.651 min Scan# 2101

Delta R.T. -0.011 min

Lab File: BN026122.D

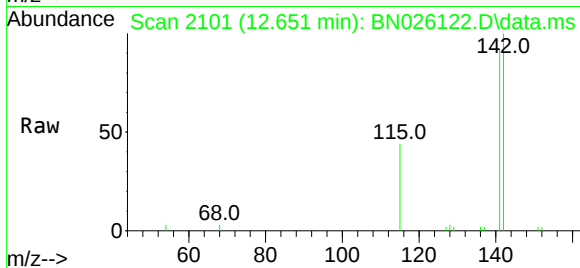
Acq: 30 Jun 2023 09:41

Instrument :

BNA_N

ClientSampleId :

DCFY0



Tgt Ion:142 Resp: 743

Ion Ratio Lower Upper

142 100

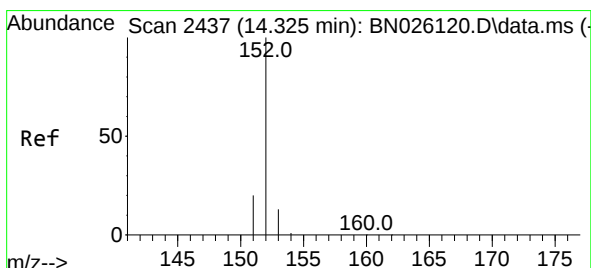
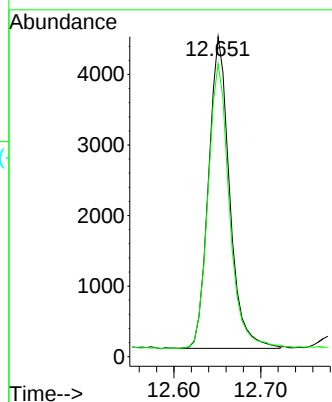
141 92.8 74.2 111.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.388 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.009 min

Lab File: BN026122.D

Acq: 30 Jun 2023 09:41

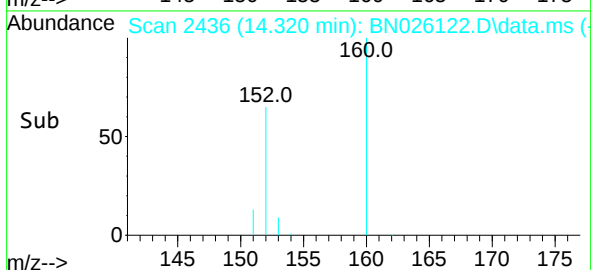
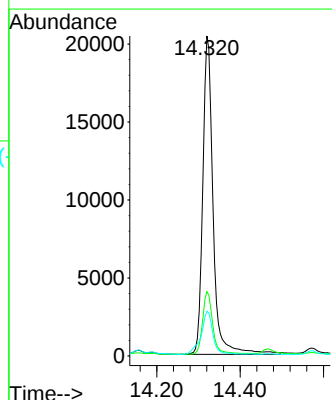
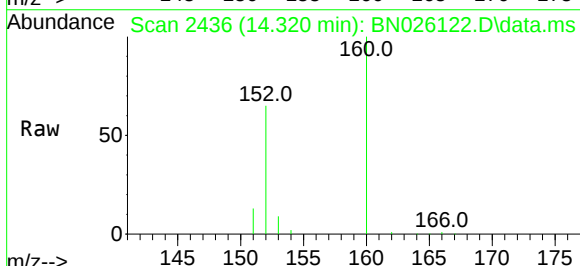
Tgt Ion:152 Resp: 35281

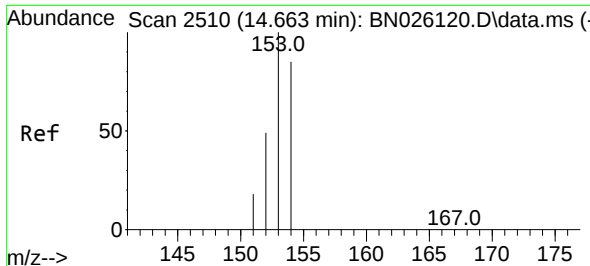
Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

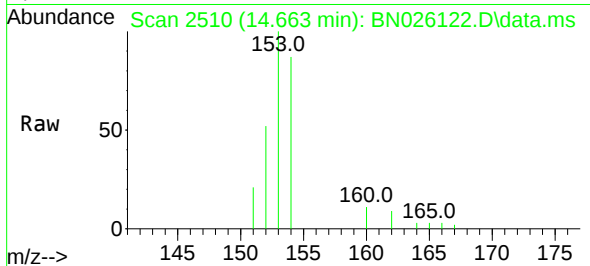
153 13.9 10.9 16.3





#11
Acenaphthene
Concen: 0.101 ng/u1
RT: 14.663 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026122.D
Acq: 30 Jun 2023 09:41

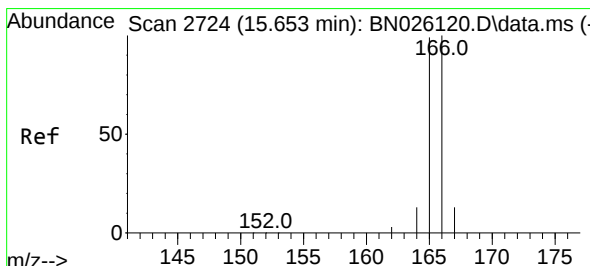
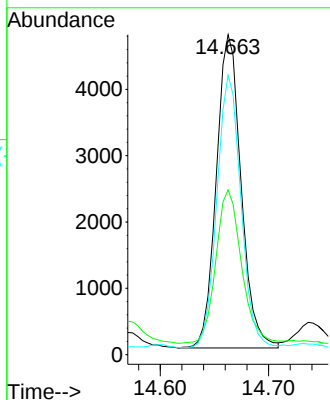
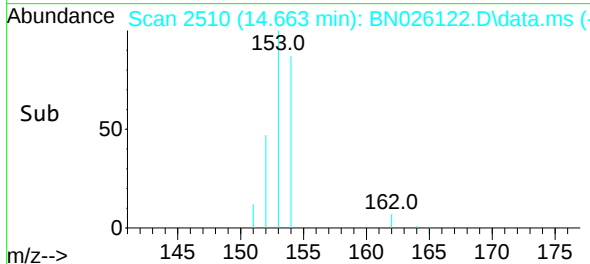
Instrument :
BNA_N
ClientSampleId :
DCFY0



Tgt Ion:153 Resp: 750
Ion Ratio Lower Upper
153 100
152 51.5 39.4 59.0
154 87.4 68.9 103.3

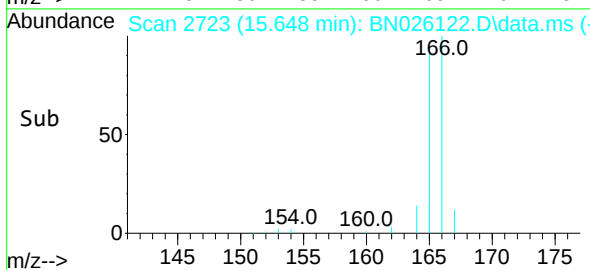
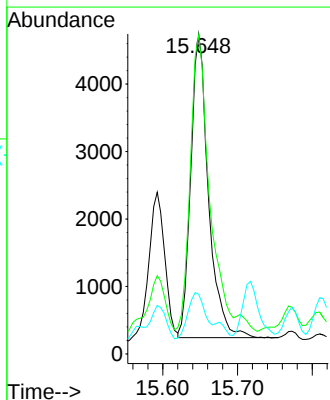
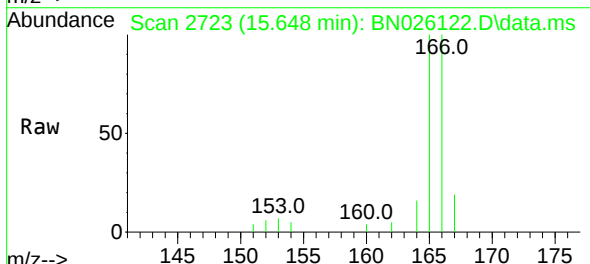
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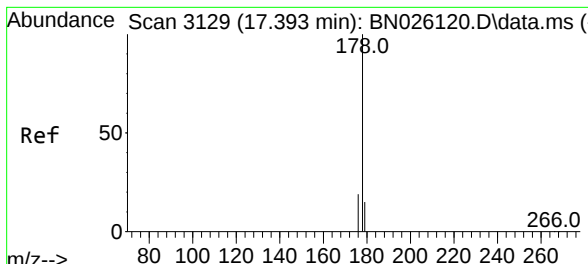
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#12
Fluorene
Concen: 0.086 ng/u1
RT: 15.648 min Scan# 2723
Delta R.T. -0.014 min
Lab File: BN026122.D
Acq: 30 Jun 2023 09:41

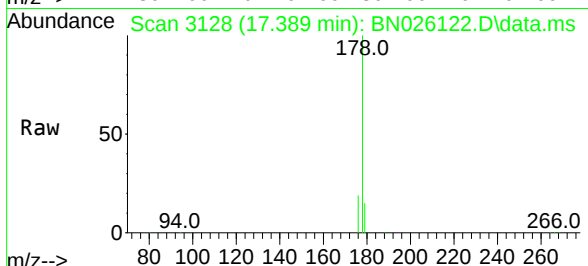
Tgt Ion:166 Resp: 7364
Ion Ratio Lower Upper
166 100
165 99.6 79.9 119.9
167 18.7 10.8 16.2#





#15
 Phenanthrene
 Concen: 1.633 ng/ul
 RT: 17.389 min Scan# 3128
 Delta R.T. -0.013 min
 Lab File: BN026122.D
 Acq: 30 Jun 2023 09:41

Instrument :
 BNA_N
 ClientSampleId :
 DCFY0

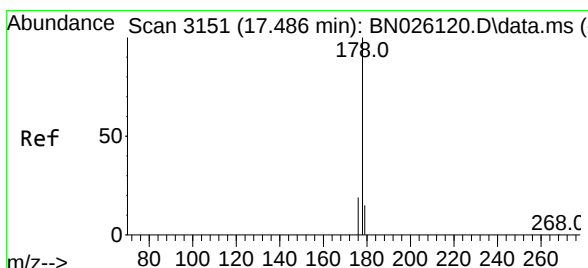
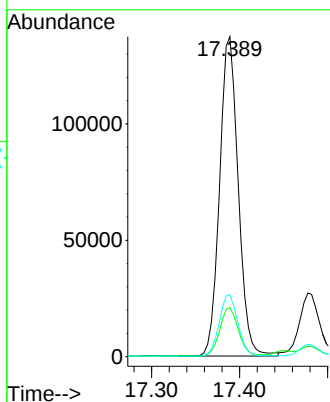
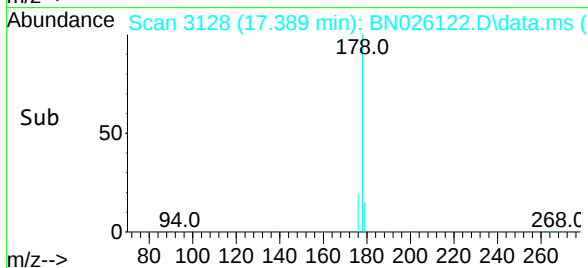


Tgt Ion:178 Resp: 201975

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.3	15.8	23.6

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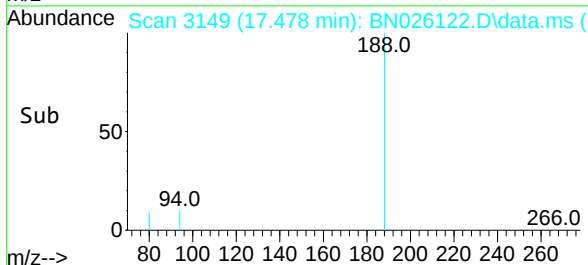
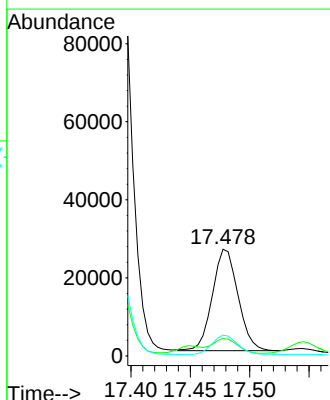
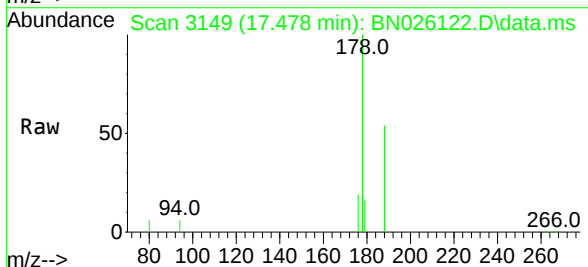
Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

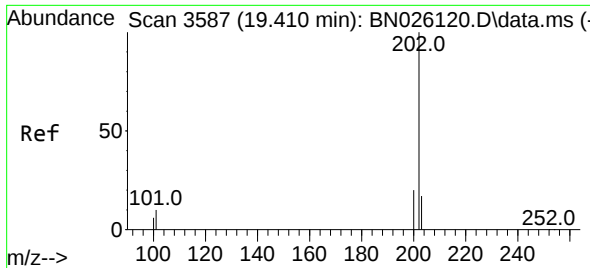


#16
 Anthracene
 Concen: 0.355 ng/ul
 RT: 17.478 min Scan# 3149
 Delta R.T. -0.017 min
 Lab File: BN026122.D
 Acq: 30 Jun 2023 09:41

Tgt Ion:178 Resp: 39045

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	18.8
176	19.5	15.1	22.7





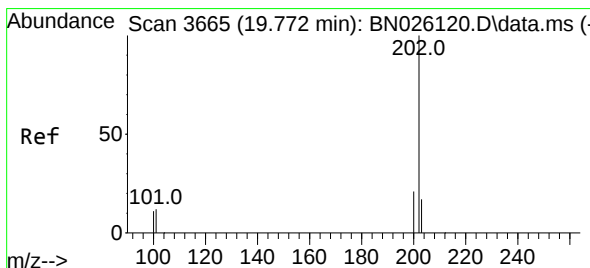
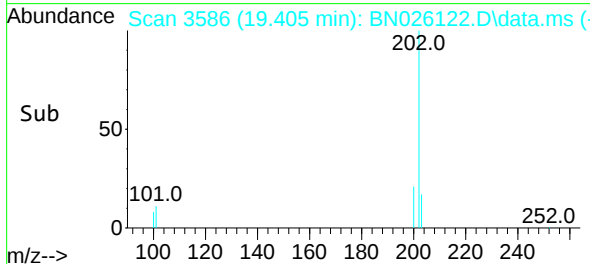
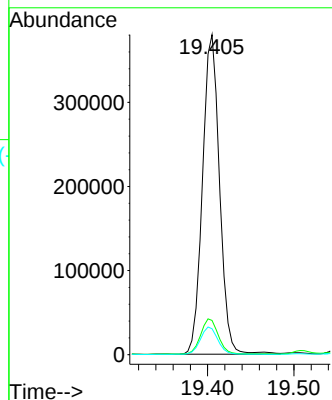
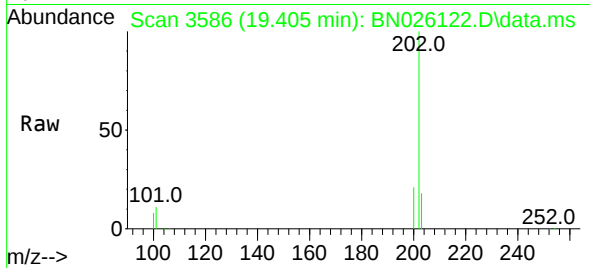
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Fluoranthene
Concen: 4.692 ng/u1
RT: 19.405 min Scan# 3586
Delta R.T. -0.009 min
Lab File: BN026122.D
Acq: 30 Jun 2023 09:41

Instrument :
BNA_N
ClientSampleId :
DCFY0

Tgt Ion:202 Resp: 522925
Ion Ratio Lower Upper
202 100
101 10.7 9.5 14.3
100 8.1 7.3 10.9

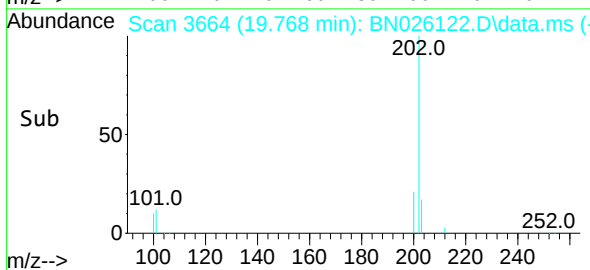
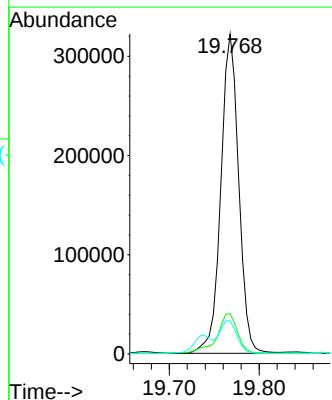
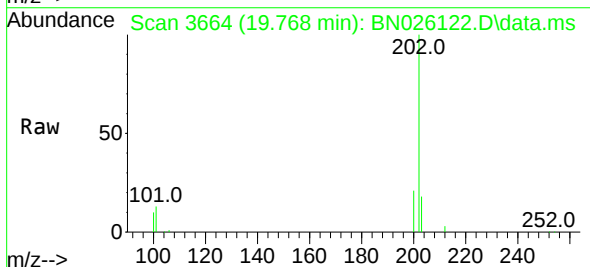
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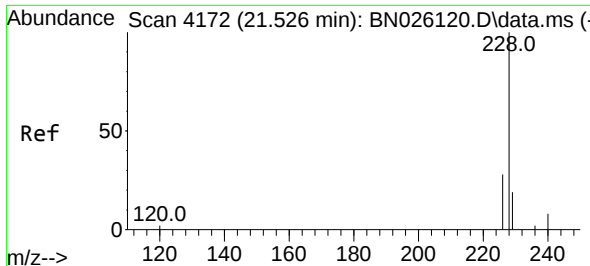
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#20
Pyrene
Concen: 3.825 ng/u1
RT: 19.768 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BN026122.D
Acq: 30 Jun 2023 09:41

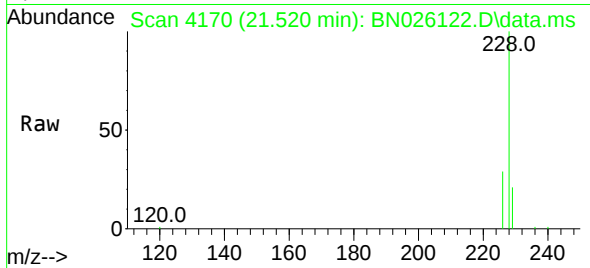
Tgt Ion:202 Resp: 443411
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.576 ng/u1
RT: 21.520 min Scan# 4172
Delta R.T. -0.009 min
Lab File: BN026122.D
Acq: 30 Jun 2023 09:41

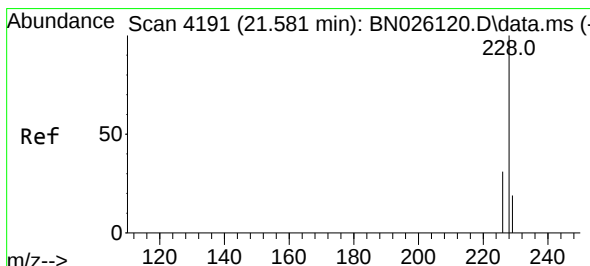
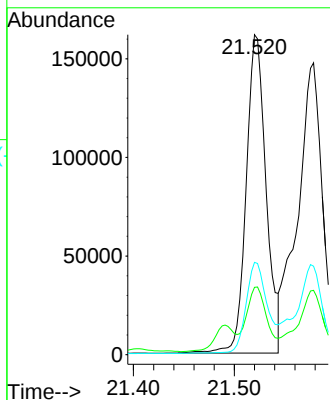
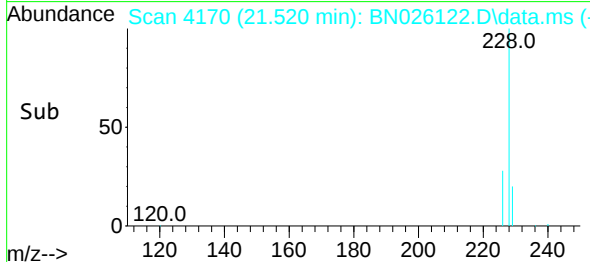
Instrument :
BNA_N
ClientSampleId :
DCFY0



Tgt Ion:228 Resp: 221697
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 28.8 22.5 33.7

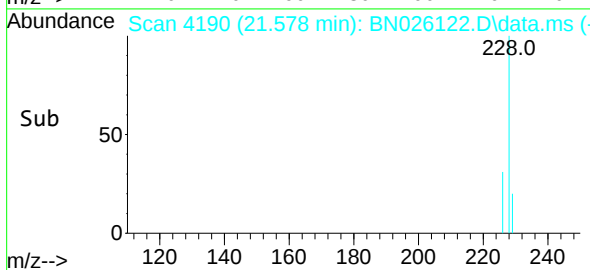
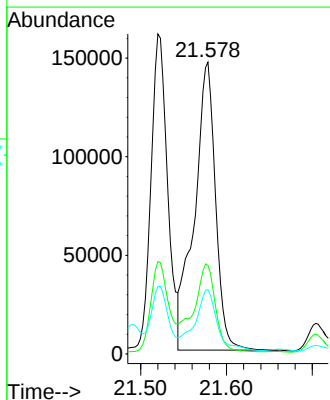
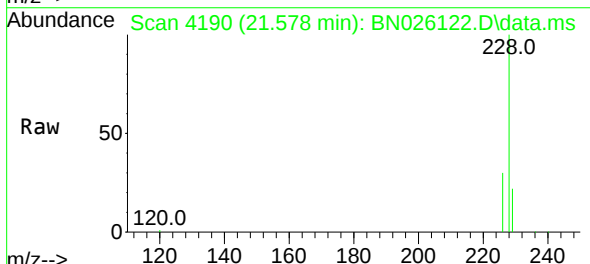
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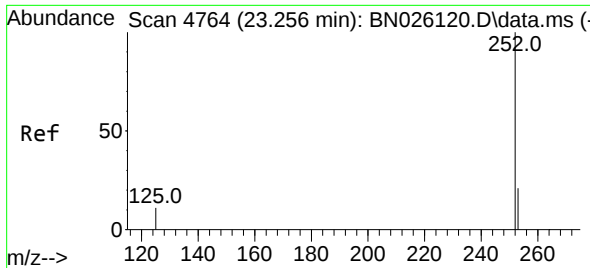
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#22
Chrysene
Concen: 2.792 ng/u1
RT: 21.578 min Scan# 4190
Delta R.T. -0.000 min
Lab File: BN026122.D
Acq: 30 Jun 2023 09:41

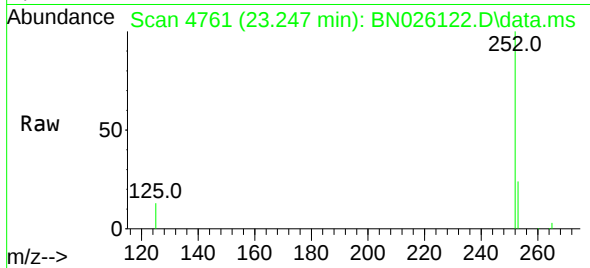
Tgt Ion:228 Resp: 250074
Ion Ratio Lower Upper
228 100
226 30.3 24.8 37.2
229 22.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 4.302 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BN026122.D
Acq: 30 Jun 2023 09:41

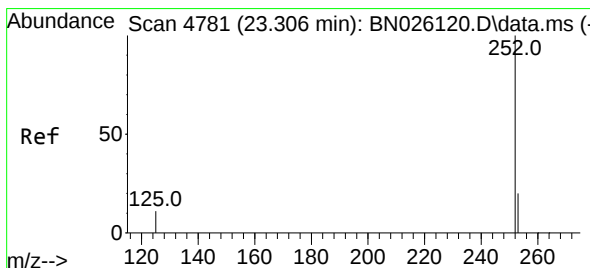
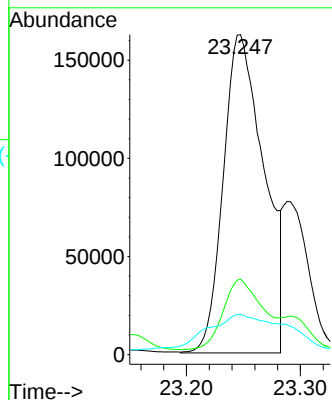
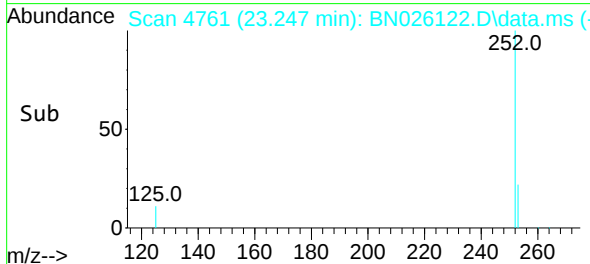
Instrument :
BNA_N
ClientSampleId :
DCFY0



Tgt Ion:252 Resp: 403788
Ion Ratio Lower Upper
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253 23.5 0.0 55.6
125 12.6 0.0 35.8

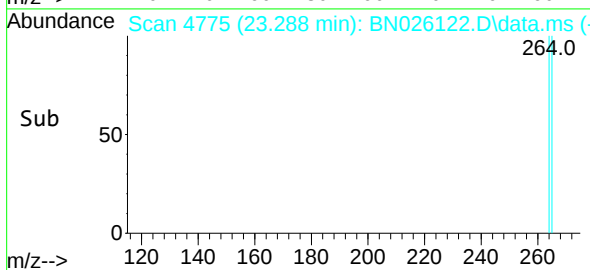
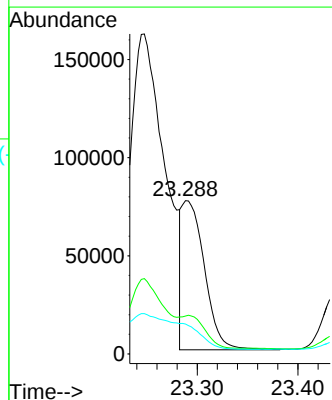
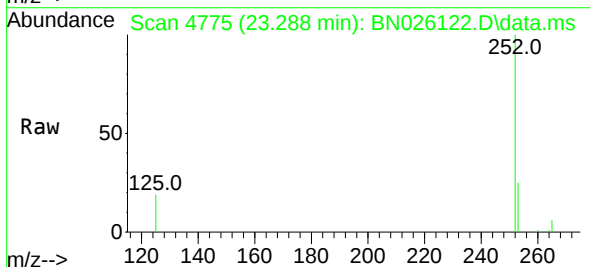
Manual Integrations
APPROVED

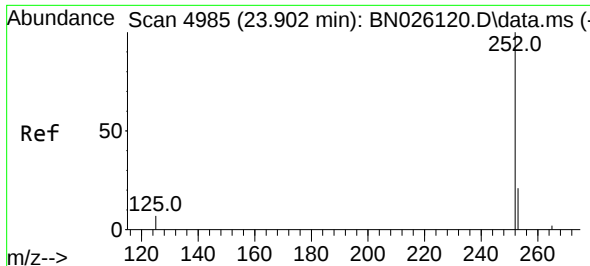
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#25
Benzo(k)fluoranthene
Concen: 1.252 ng/ul m
RT: 23.288 min Scan# 4775
Delta R.T. -0.015 min
Lab File: BN026122.D
Acq: 30 Jun 2023 09:41

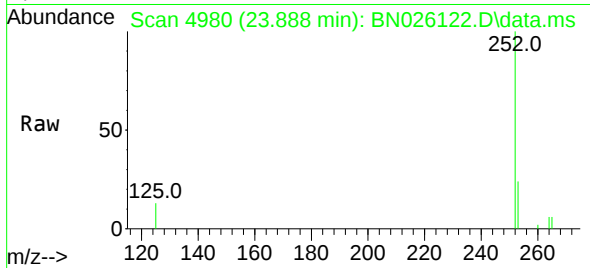
Tgt Ion:252 Resp: 118012
Ion Ratio Lower Upper
252 100
253 24.7 23.2 34.8
125 19.5 15.0 22.4





#26
Benzo(a)pyrene
Concen: 2.905 ng/ul
RT: 23.888 min Scan# 4985
Delta R.T. -0.018 min
Lab File: BN026122.D
Acq: 30 Jun 2023 09:41

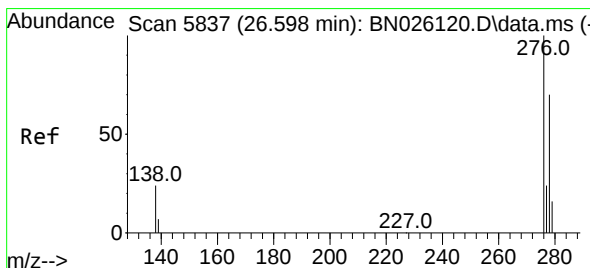
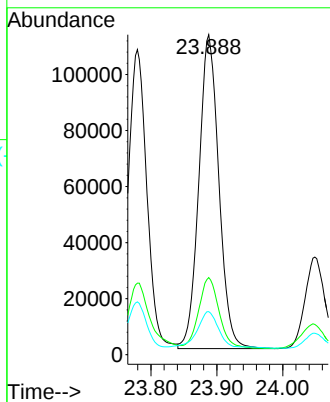
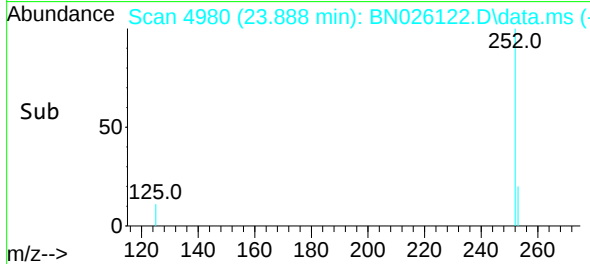
Instrument :
BNA_N
ClientSampleId :
DCFY0



Tgt Ion:252 Resp: 236811
Ion Ratio Lower Upper
252 100
253 24.1 26.0 39.0
125 13.4 17.3 25.9

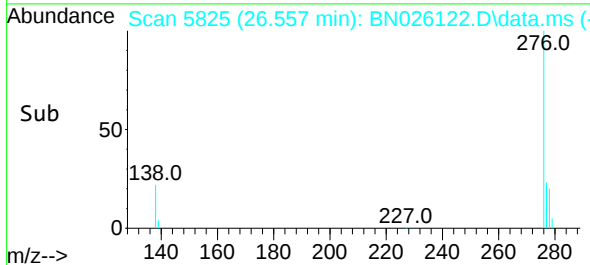
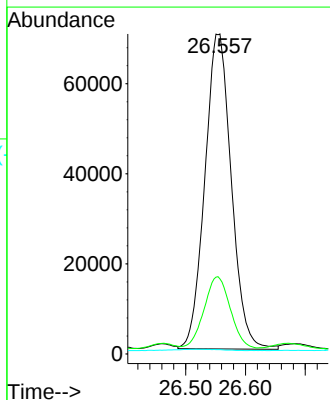
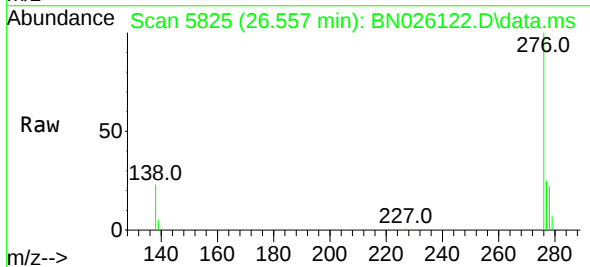
Manual Integrations
APPROVED

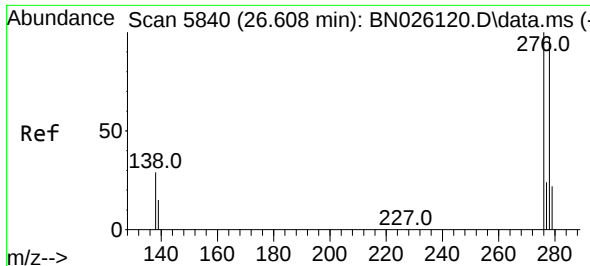
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.417 ng/ul
RT: 26.557 min Scan# 5825
Delta R.T. -0.037 min
Lab File: BN026122.D
Acq: 30 Jun 2023 09:41

Tgt Ion:276 Resp: 215199
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.768 ng/ul

RT: 26.557 min Scan# 5825

Delta R.T. -0.057 min

Lab File: BN026122.D

Acq: 30 Jun 2023 09:41

Instrument :

BNA_N

ClientSampleId :

DCFY0

Tgt Ion:278 Resp: 51770

Ion Ratio Lower Upper

278 100

139 23.6 19.0 28.4

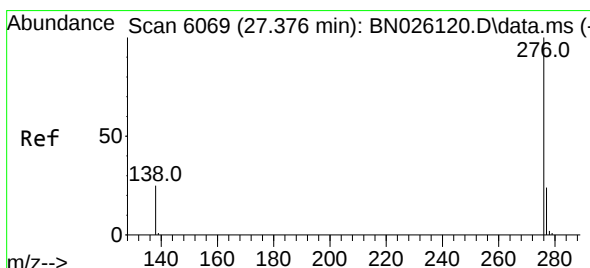
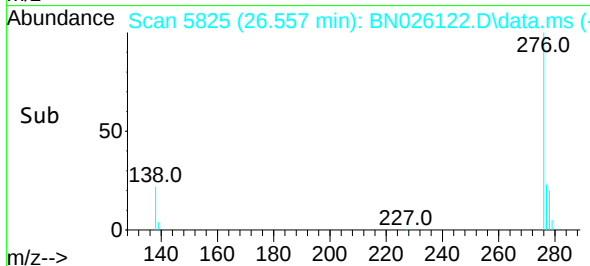
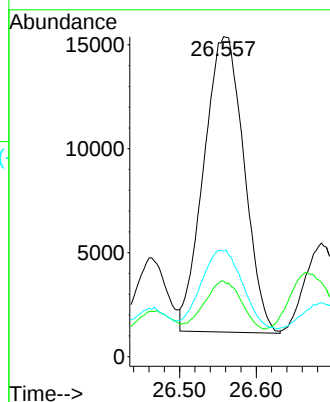
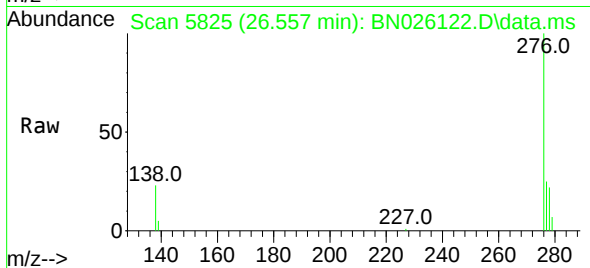
279 33.1 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/01/2023

Supervised By :mohammad ahmed 07/01/2023



#29

Benzo(g,h,i)perylene

Concen: 2.793 ng/ul

RT: 27.349 min Scan# 6061

Delta R.T. -0.037 min

Lab File: BN026122.D

Acq: 30 Jun 2023 09:41

Tgt Ion:276 Resp: 221278

Ion Ratio Lower Upper

276 100

138 24.5 23.4 35.0

277 24.1 20.0 30.0

