

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
 Data File : BN025881.D
 Acq On : 16 Jun 2023 13:47
 Operator : MA/JU
 Sample : 03225-04DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-103-123-061323DL

Quant Time: Jun 16 14:42:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:10:48 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	4254	0.400	ng	0.00
7) Naphthalene-d8	10.824	136	10609	0.400	ng	# 0.01
13) Acenaphthene-d10	14.640	164	5871	0.400	ng	0.01
19) Phenanthrene-d10	17.393	188	11967	0.400	ng	# 0.01
29) Chrysene-d12	21.560	240	8660	0.400	ng	# 0.00
35) Perylene-d12	24.040	264	9022	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.578	112	124	0.010	ng	0.04
5) Phenol-d6	7.210	99	46	0.003	ng	0.06
8) Nitrobenzene-d5	9.255	82	267m	0.027	ng	0.09
11) 2-Methylnaphthalene-d10	12.445	152	399m	0.026	ng	0.05
14) 2,4,6-Tribromophenol	16.152	330	81	0.045	ng	0.02
15) 2-Fluorobiphenyl	13.293	172	752	0.030	ng	0.03
27) Fluoranthene-d10	19.421	212	1100	0.045	ng	0.01
31) Terphenyl-d14	20.001	244	896	0.043	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	20113	4.030	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.453	149	704	0.035	ng	# 92
36) Indeno(1,2,3-cd)pyrene	26.674	276	1064m	0.027	ng	
37) Benzo(b)fluoranthene	23.288	252	1761	0.049	ng	# 1
38) Benzo(k)fluoranthene	23.344	252	1382m	0.038	ng	
41) Benzo(g,h,i)perylene	27.463	276	1120	0.032	ng	# 60

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

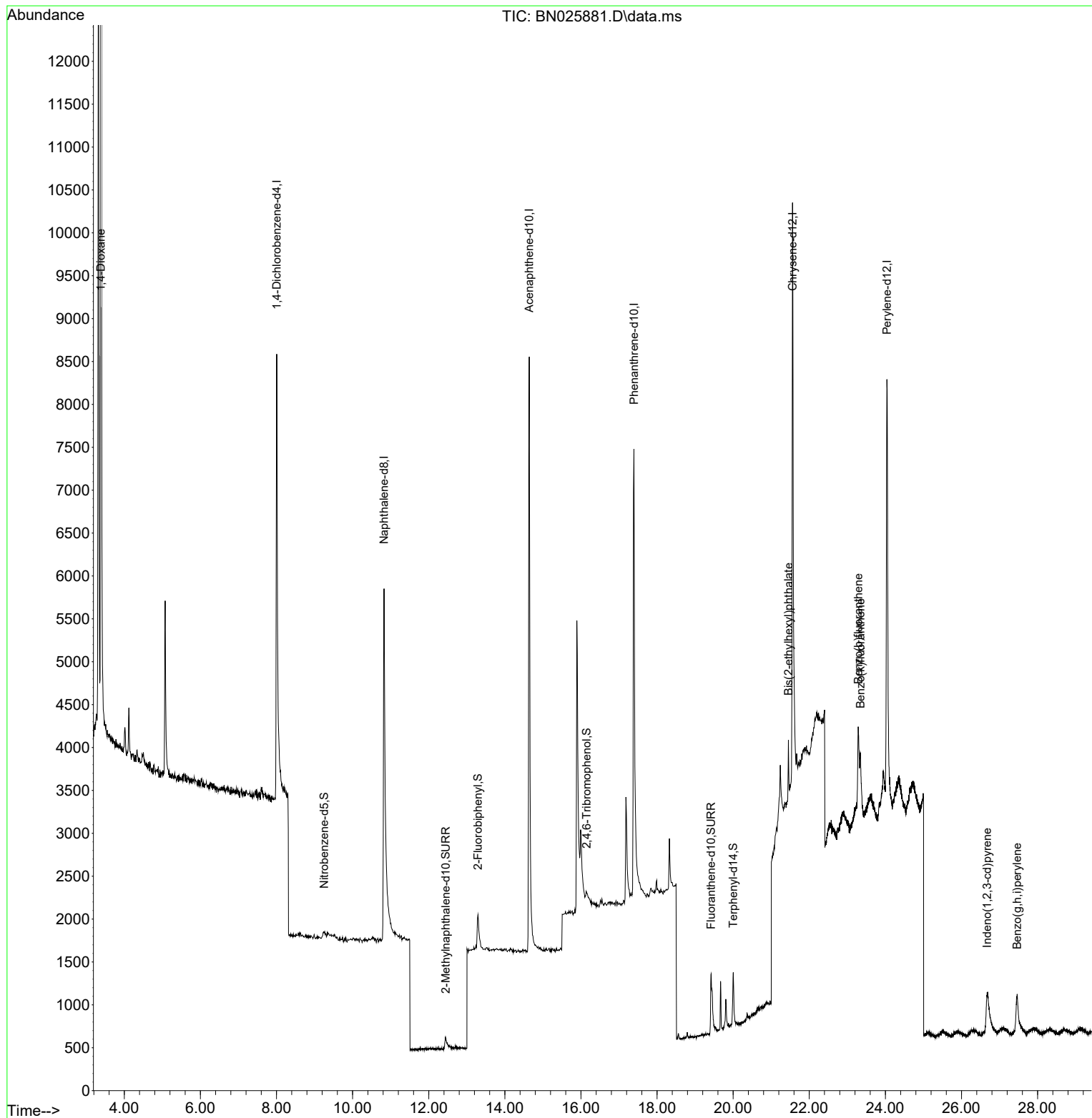
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
Data File : BN025881.D
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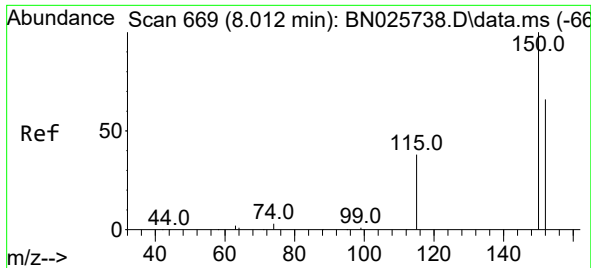
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323DL

Quant Time: Jun 16 14:42:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
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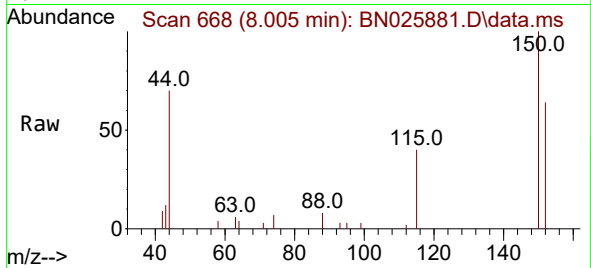
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Supervised By :mohammad ahmed 06/20/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.005 min Scan# 60
Delta R.T. 0.007 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47

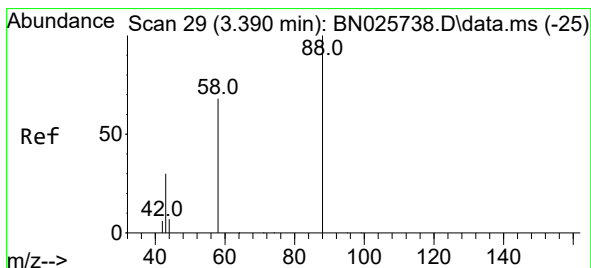
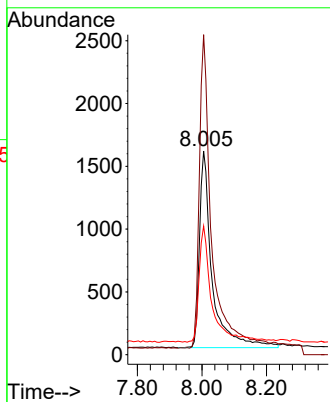
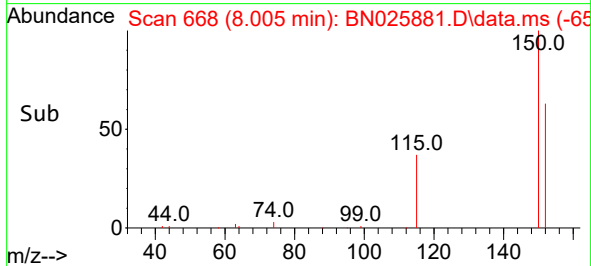
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323DL



Tgt Ion:152 Resp: 4254
Ion Ratio Lower Upper
152 100
150 157.1 121.5 182.3
115 63.1 47.7 71.5

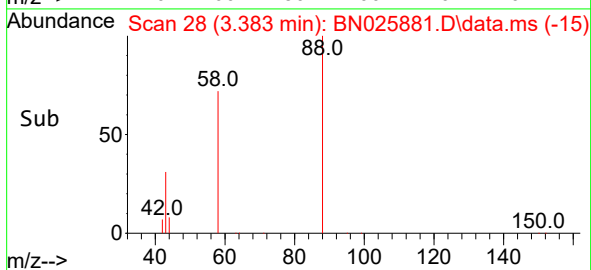
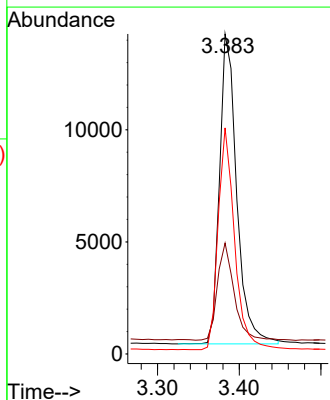
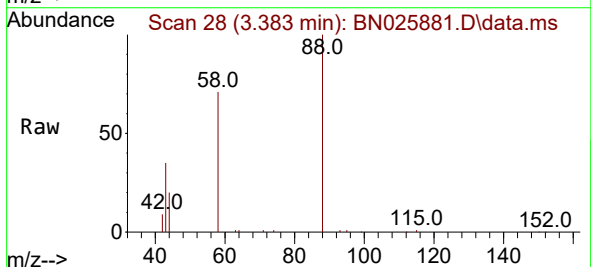
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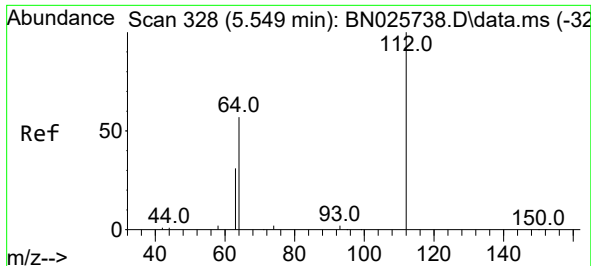
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#2
1,4-Dioxane
Concen: 4.030 ng
RT: 3.383 min Scan# 28
Delta R.T. -0.007 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47

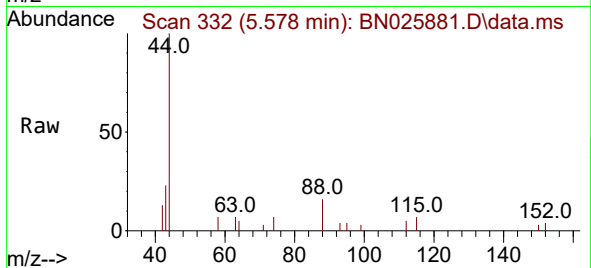
Tgt Ion: 88 Resp: 20113
Ion Ratio Lower Upper
88 100
43 30.4 31.0 46.4#
58 68.9 57.3 85.9





#4
2-Fluorophenol
Concen: 0.010 ng
RT: 5.578 min Scan# 31
Delta R.T. 0.036 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47

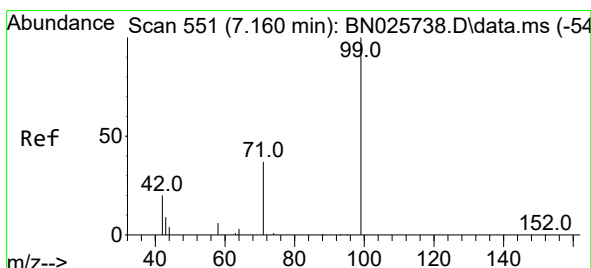
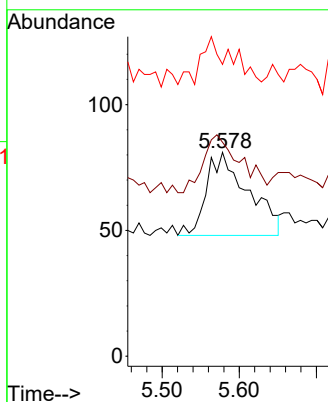
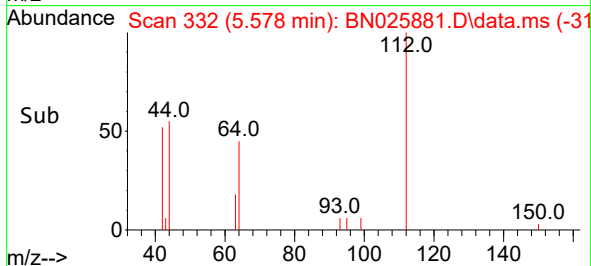
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323DL



Tgt Ion: 112 Resp: 124
Ion Ratio Lower Upper
112 100
64 62.9 47.5 71.3
63 25.8 26.2 39.4

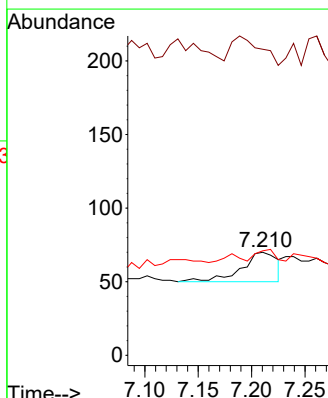
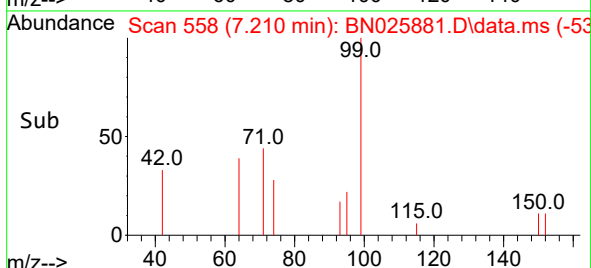
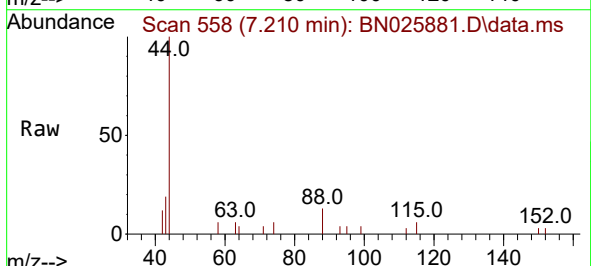
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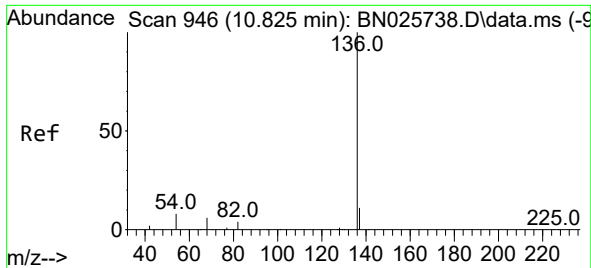
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#5
Phenol-d6
Concen: 0.003 ng
RT: 7.210 min Scan# 558
Delta R.T. 0.058 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47

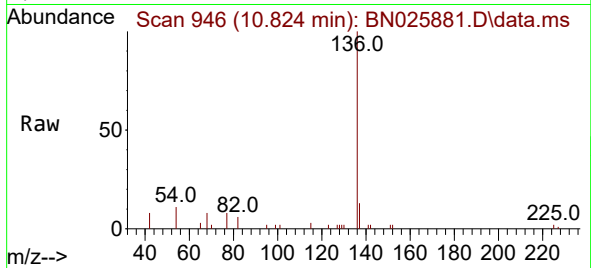
Tgt Ion: 99 Resp: 46
Ion Ratio Lower Upper
99 100
42 0.0 18.6 28.0#
71 34.8 30.5 45.7





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.824 min Scan# 946
Delta R.T. 0.011 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47

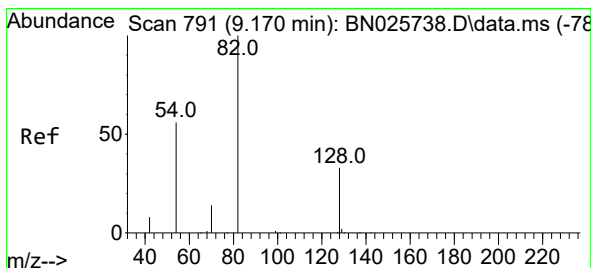
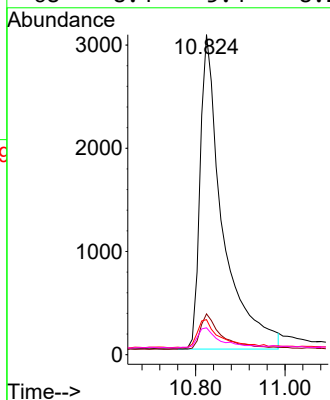
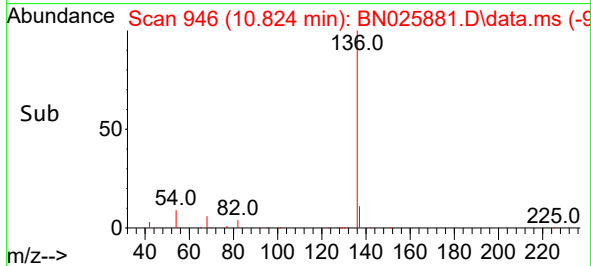
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323DL



Tgt Ion:136 Resp: 10609
Ion Ratio Lower Upper
136 100
137 12.7 9.3 13.9
54 11.0 7.2 10.8
68 8.4 5.4 8.2#

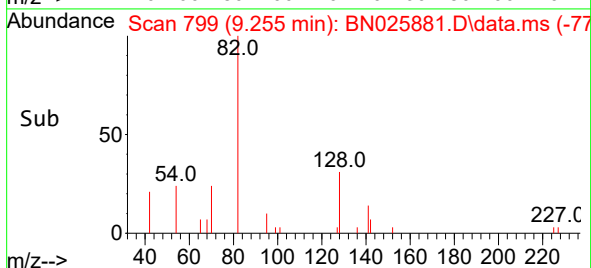
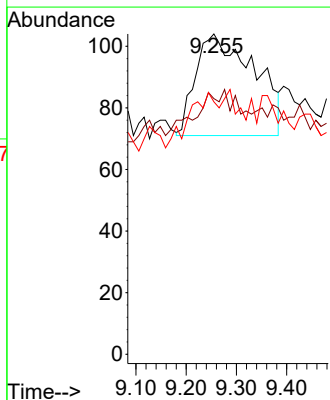
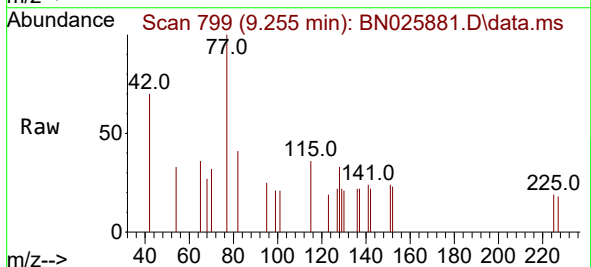
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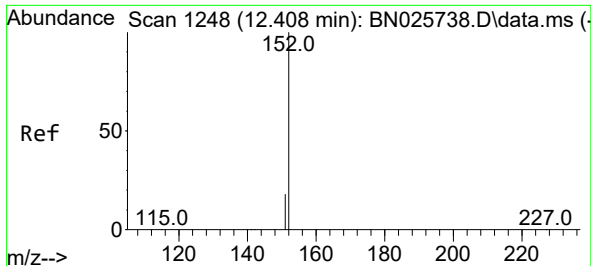
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#8
Nitrobenzene-d5
Concen: 0.027 ng m
RT: 9.255 min Scan# 799
Delta R.T. 0.085 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47

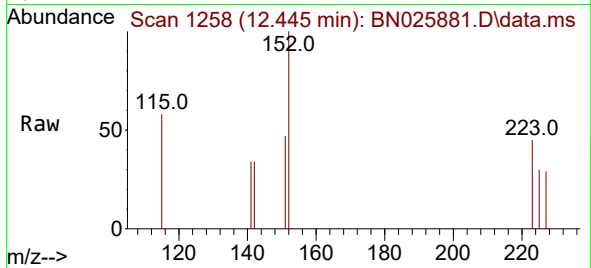
Tgt Ion: 82 Resp: 267
Ion Ratio Lower Upper
82 100
128 79.8 27.6 41.4#
54 78.8 45.7 68.5#





#11
2-Methylnaphthalene-d10
Concen: 0.026 ng m
RT: 12.445 min Scan# 1248
Delta R.T. 0.049 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47

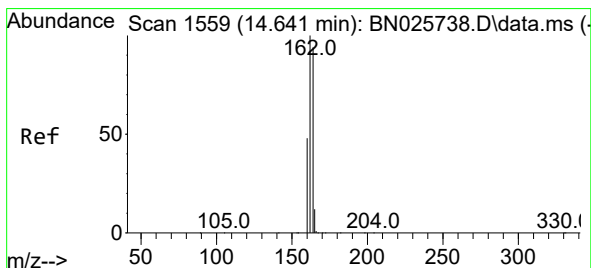
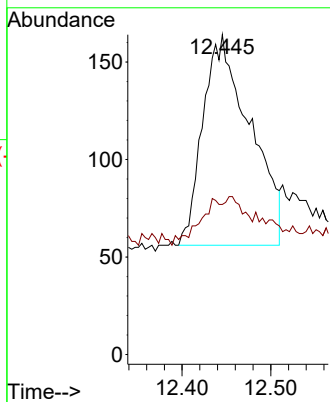
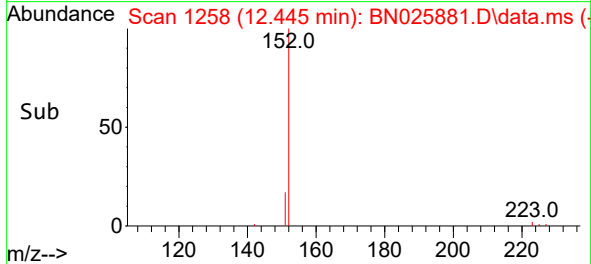
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ClientSampleId :
GWOW-BR-05-103-123-061323DL



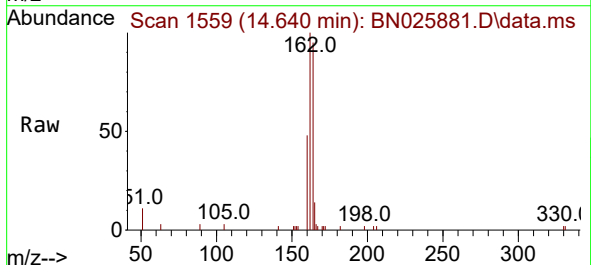
Tgt Ion:152 Resp: 399
Ion Ratio Lower Upper
152 100
151 9.5 16.4 24.6

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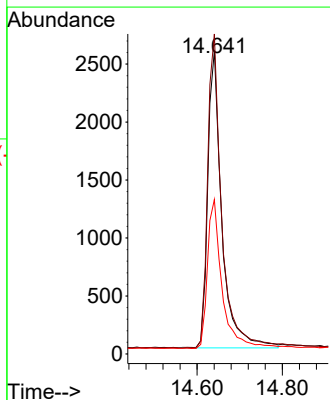
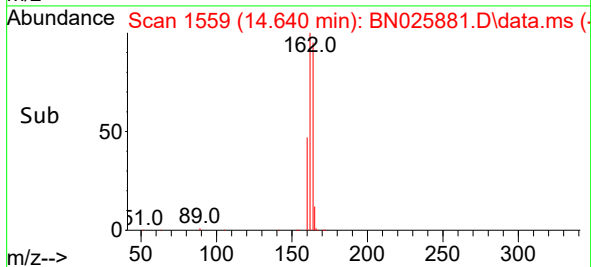
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

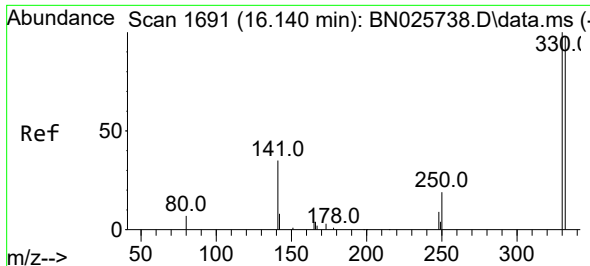


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.640 min Scan# 1559
Delta R.T. 0.011 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47



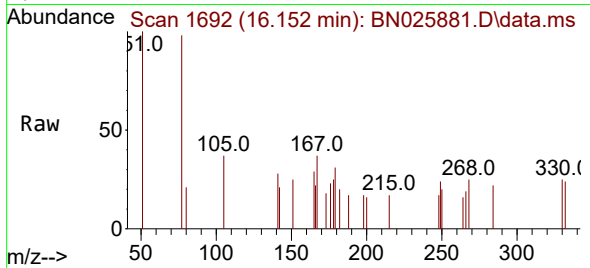
Tgt Ion:164 Resp: 5871
Ion Ratio Lower Upper
164 100
162 105.5 85.0 127.6
160 50.9 41.1 61.7





#14
2,4,6-Tribromophenol
Concen: 0.045 ng
RT: 16.152 min Scan# 1692
Delta R.T. 0.025 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47

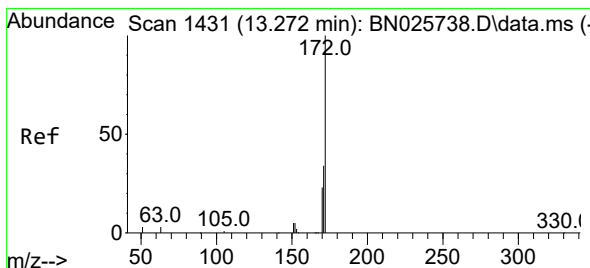
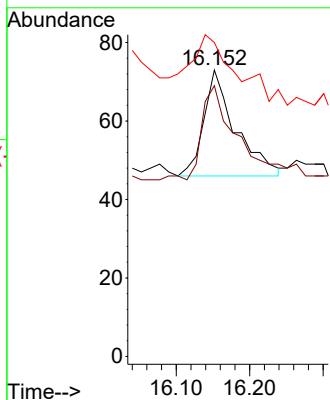
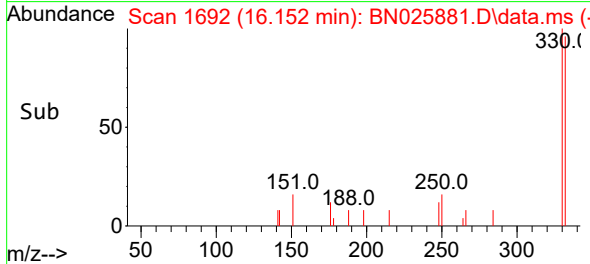
Instrument :
BNA_N
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GWOW-BR-05-103-123-061323DL



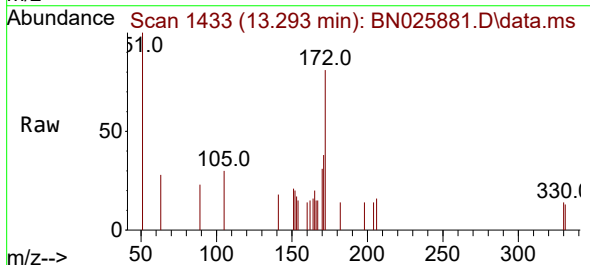
Tgt Ion: 330 Resp: 81
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 87.7 55.0 82.6

Manual Integrations
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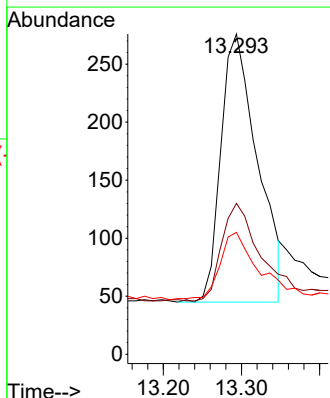
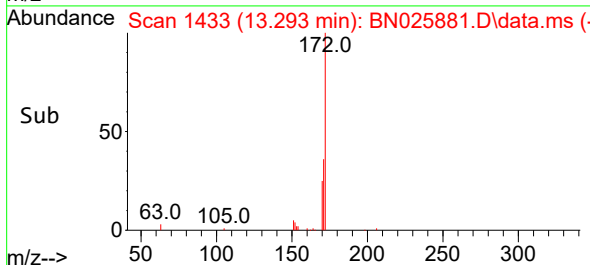
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

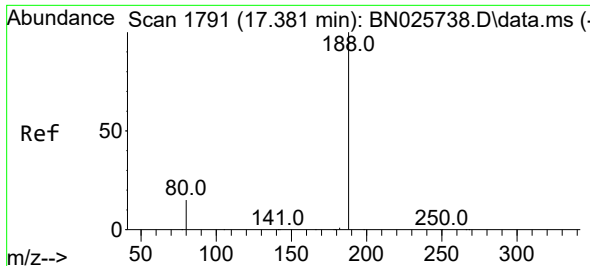


#15
2-Fluorobiphenyl
Concen: 0.030 ng
RT: 13.293 min Scan# 1433
Delta R.T. 0.032 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47



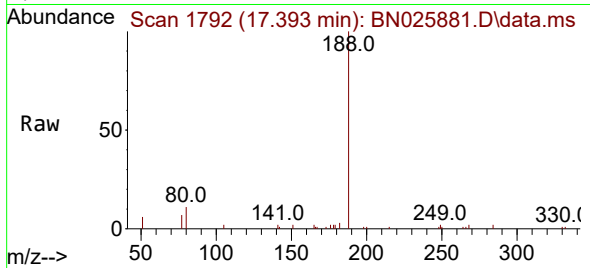
Tgt Ion: 172 Resp: 752
Ion Ratio Lower Upper
172 100
171 47.1 27.3 40.9#
170 38.0 18.6 28.0#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47

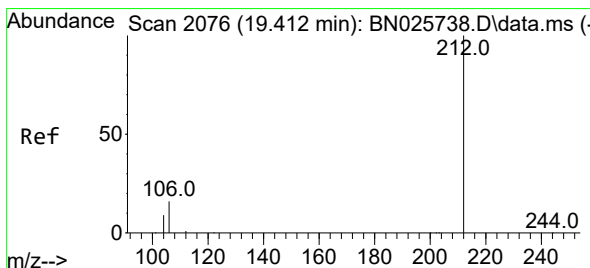
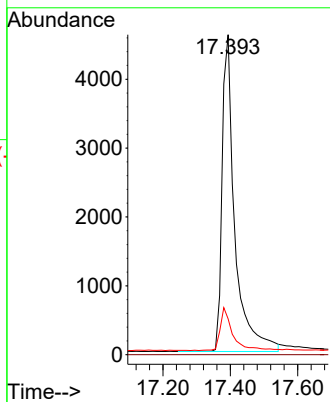
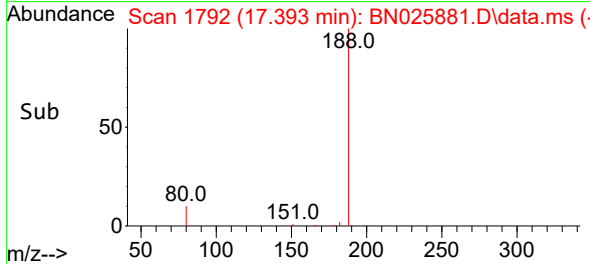
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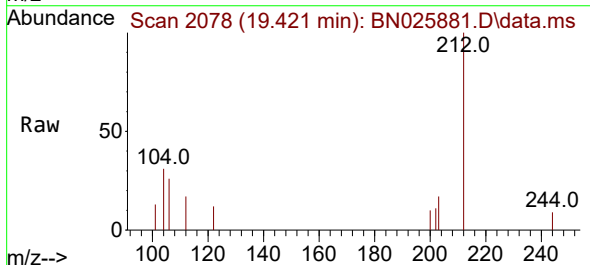
Tgt Ion:188 Resp: 1196
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 12.1 18.1

Manual Integrations
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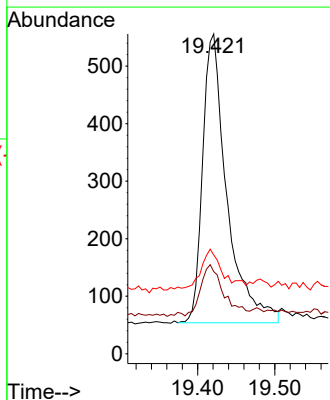
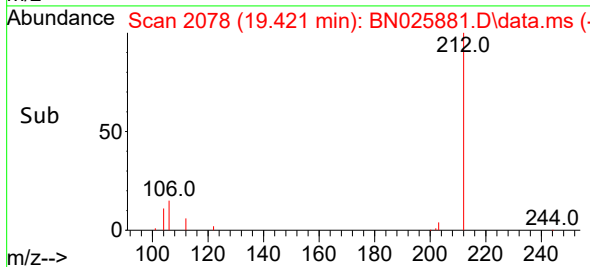
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

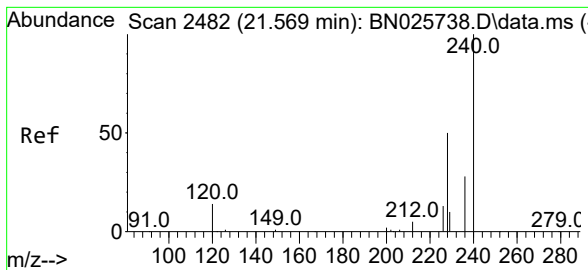


#27
Fluoranthene-d10
Concen: 0.045 ng
RT: 19.421 min Scan# 2078
Delta R.T. 0.014 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47



Tgt Ion:212 Resp: 1100
Ion Ratio Lower Upper
212 100
106 16.5 13.0 19.6
104 14.2 7.7 11.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.560 min Scan# 2482

Delta R.T. -0.000 min

Lab File: BN025881.D

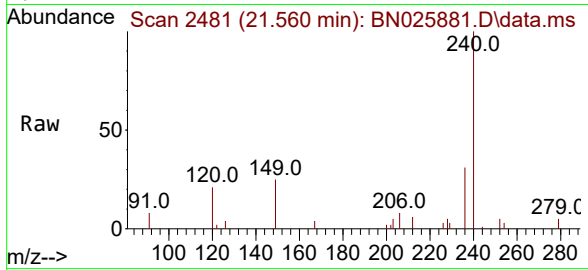
Acq: 16 Jun 2023 13:47

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-103-123-061323DL



Tgt Ion:240 Resp: 8660

Ion Ratio Lower Upper

240 100

120 21.3 13.2 19.8

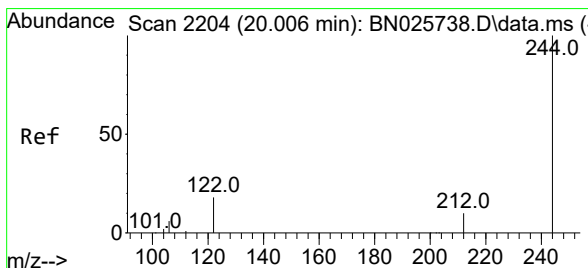
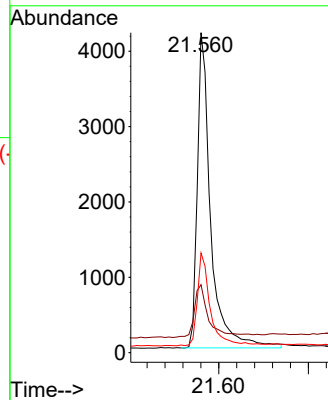
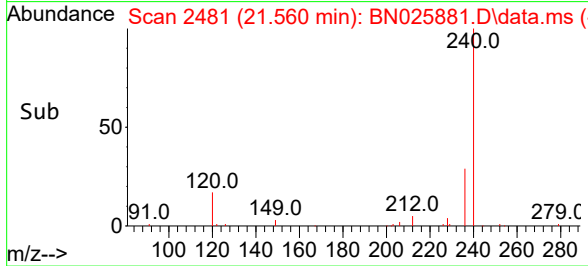
236 31.1 23.1 34.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#31

Terphenyl-d14

Concen: 0.043 ng

RT: 20.001 min Scan# 2203

Delta R.T. 0.005 min

Lab File: BN025881.D

Acq: 16 Jun 2023 13:47

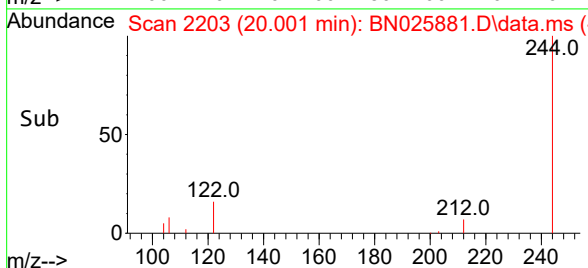
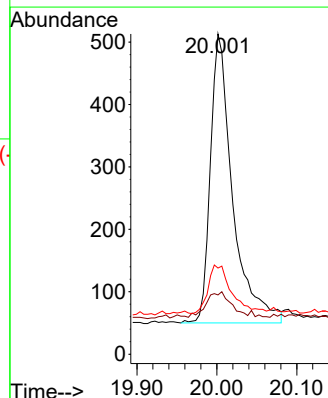
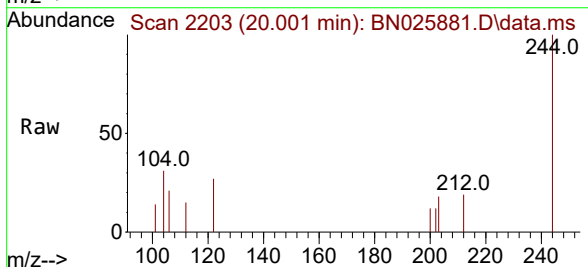
Tgt Ion:244 Resp: 896

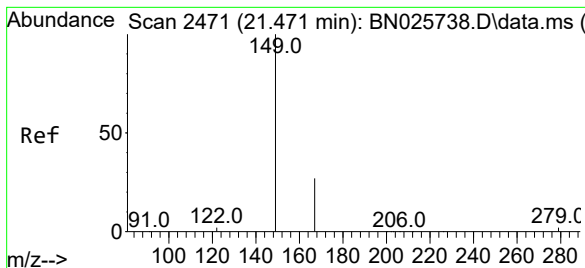
Ion Ratio Lower Upper

244 100

212 18.5 8.6 12.8

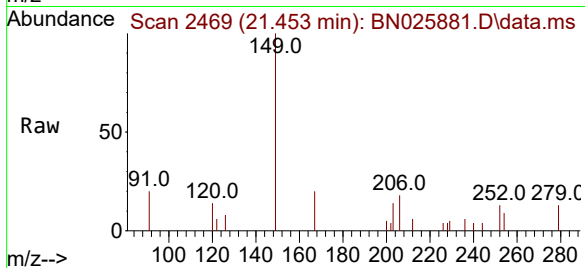
122 26.9 15.2 22.8





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.035 ng
RT: 21.453 min Scan# 2469
Delta R.T. -0.000 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47

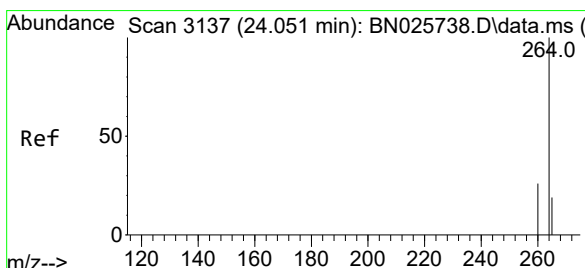
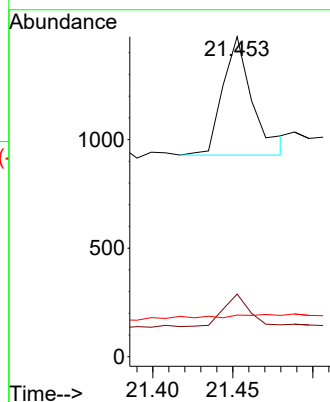
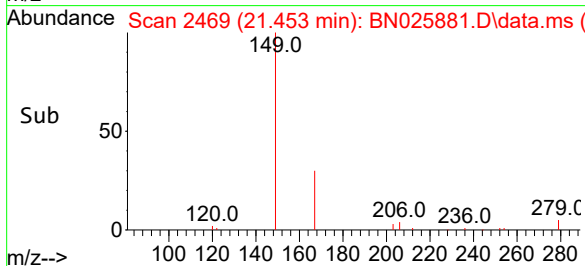
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323DL



Tgt Ion:149 Resp: 704
Ion Ratio Lower Upper
149 100
167 29.1 21.0 31.6
279 13.2 2.2 3.4

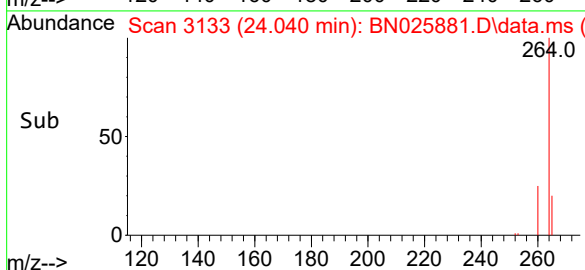
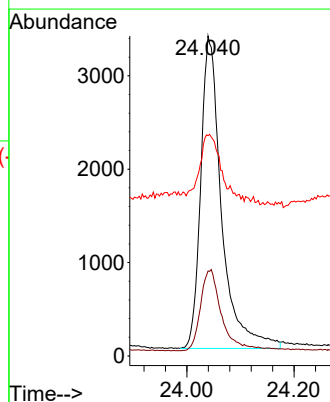
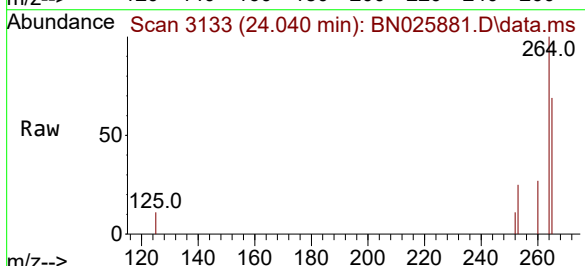
Manual Integrations
APPROVED

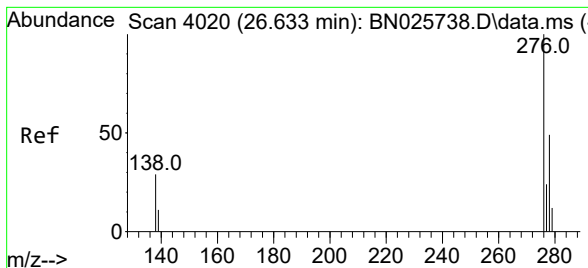
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.040 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47

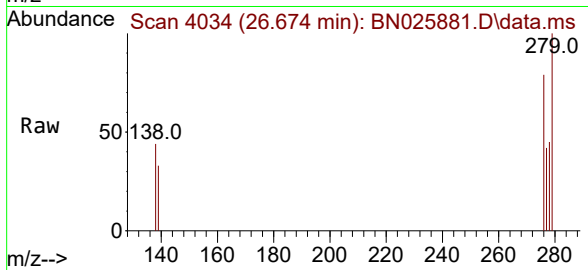
Tgt Ion:264 Resp: 9022
Ion Ratio Lower Upper
264 100
260 26.5 21.4 32.2
265 68.8 44.7 67.1





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.027 ng m
RT: 26.674 min Scan# 4020
Delta R.T. 0.035 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47

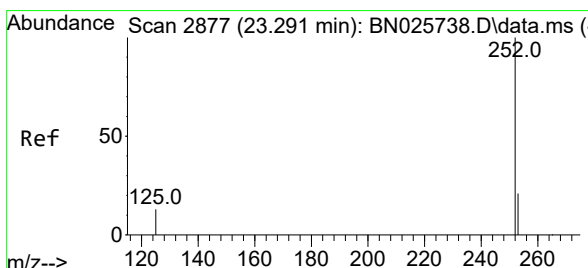
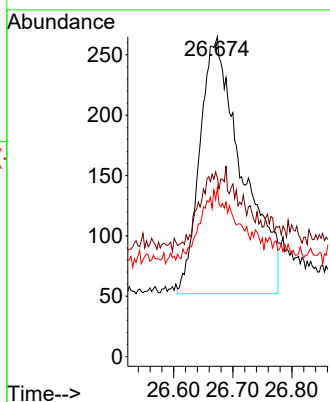
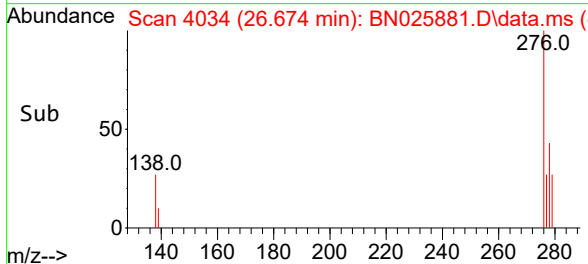
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323DL



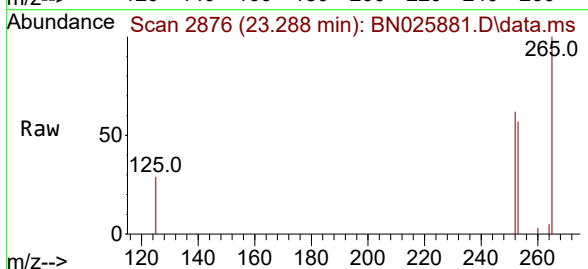
Tgt Ion:276 Resp: 1064
Ion Ratio Lower Upper
276 100
138 7.5 26.1 39.1#
277 12.4 19.4 29.2#

Manual Integrations
APPROVED

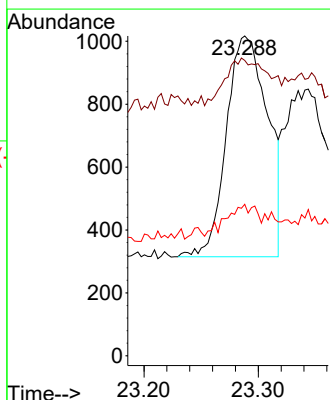
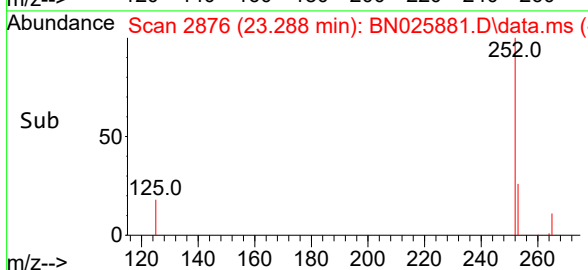
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

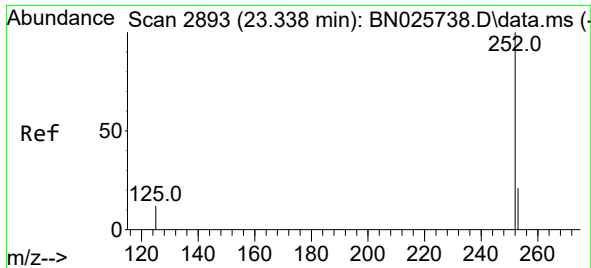


#37
Benzo(b)fluoranthene
Concen: 0.049 ng
RT: 23.288 min Scan# 2876
Delta R.T. 0.006 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47



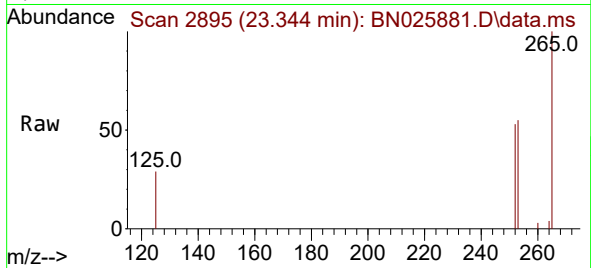
Tgt Ion:252 Resp: 1761
Ion Ratio Lower Upper
252 100
253 92.3 23.4 35.0#
125 47.4 12.3 18.5#





#38
Benzo(k)fluoranthene
Concen: 0.038 ng m
RT: 23.344 min Scan# 21
Delta R.T. 0.014 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47

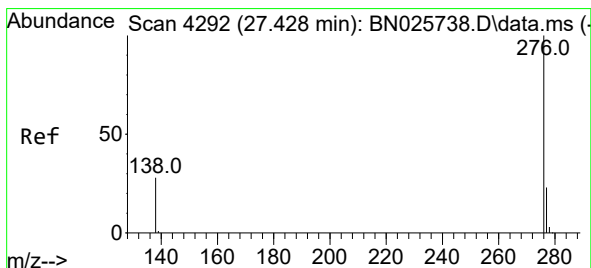
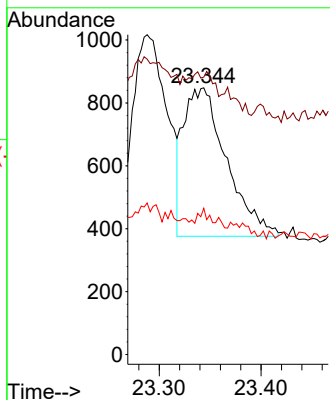
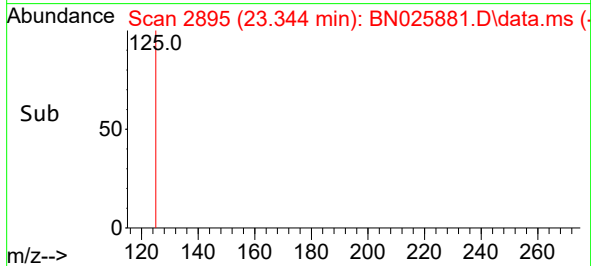
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323DL



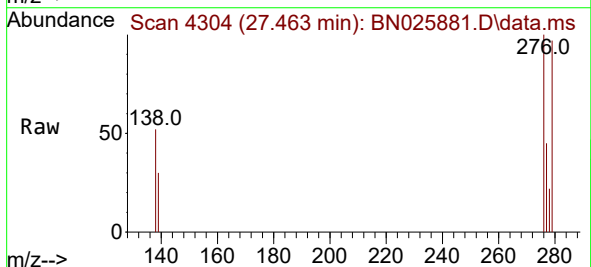
Tgt Ion:252 Resp: 138
Ion Ratio Lower Upper
252 100
253 104.0 24.2 36.4#
125 54.8 12.2 18.2#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#41
Benzo(g,h,i)perylene
Concen: 0.032 ng
RT: 27.463 min Scan# 4304
Delta R.T. 0.026 min
Lab File: BN025881.D
Acq: 16 Jun 2023 13:47



Tgt Ion:276 Resp: 1120
Ion Ratio Lower Upper
276 100
277 45.2 20.2 30.2#
138 51.7 24.2 36.4#

