

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
 Data File : BN025880.D
 Acq On : 16 Jun 2023 13:10
 Operator : MA/JU
 Sample : 03225-03DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-84-104-061323DL

Quant Time: Jun 16 14:11:10 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	4837	0.400	ng	0.00
7) Naphthalene-d8	10.825	136	11879	0.400	ng	0.01
13) Acenaphthene-d10	14.641	164	6563	0.400	ng	0.01
19) Phenanthrene-d10	17.393	188	13465	0.400	ng	# 0.01
29) Chrysene-d12	21.569	240	9681	0.400	ng	0.00
35) Perylene-d12	24.045	264	9993	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	323	0.024	ng	0.02
5) Phenol-d6	7.196	99	279	0.017	ng	0.04
8) Nitrobenzene-d5	9.212	82	355m	0.032	ng	0.04
11) 2-Methylnaphthalene-d10	12.430	152	667	0.039	ng	0.03
14) 2,4,6-Tribromophenol	16.152	330	146	0.072	ng	0.02
15) 2-Fluorobiphenyl	13.283	172	1085	0.039	ng	0.02
27) Fluoranthene-d10	19.416	212	1537	0.055	ng	0.00
31) Terphenyl-d14	20.002	244	1259	0.054	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	22087	3.892	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.453	149	903	0.041	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.680	276	1068m	0.025	ng	
37) Benzo(b)fluoranthene	23.291	252	1619	0.041	ng	# 1
38) Benzo(k)fluoranthene	23.344	252	1452m	0.036	ng	
40) Dibenzo(a,h)anthracene	26.709	278	698m	0.020	ng	
41) Benzo(g,h,i)perylene	27.457	276	1253	0.032	ng	# 55

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

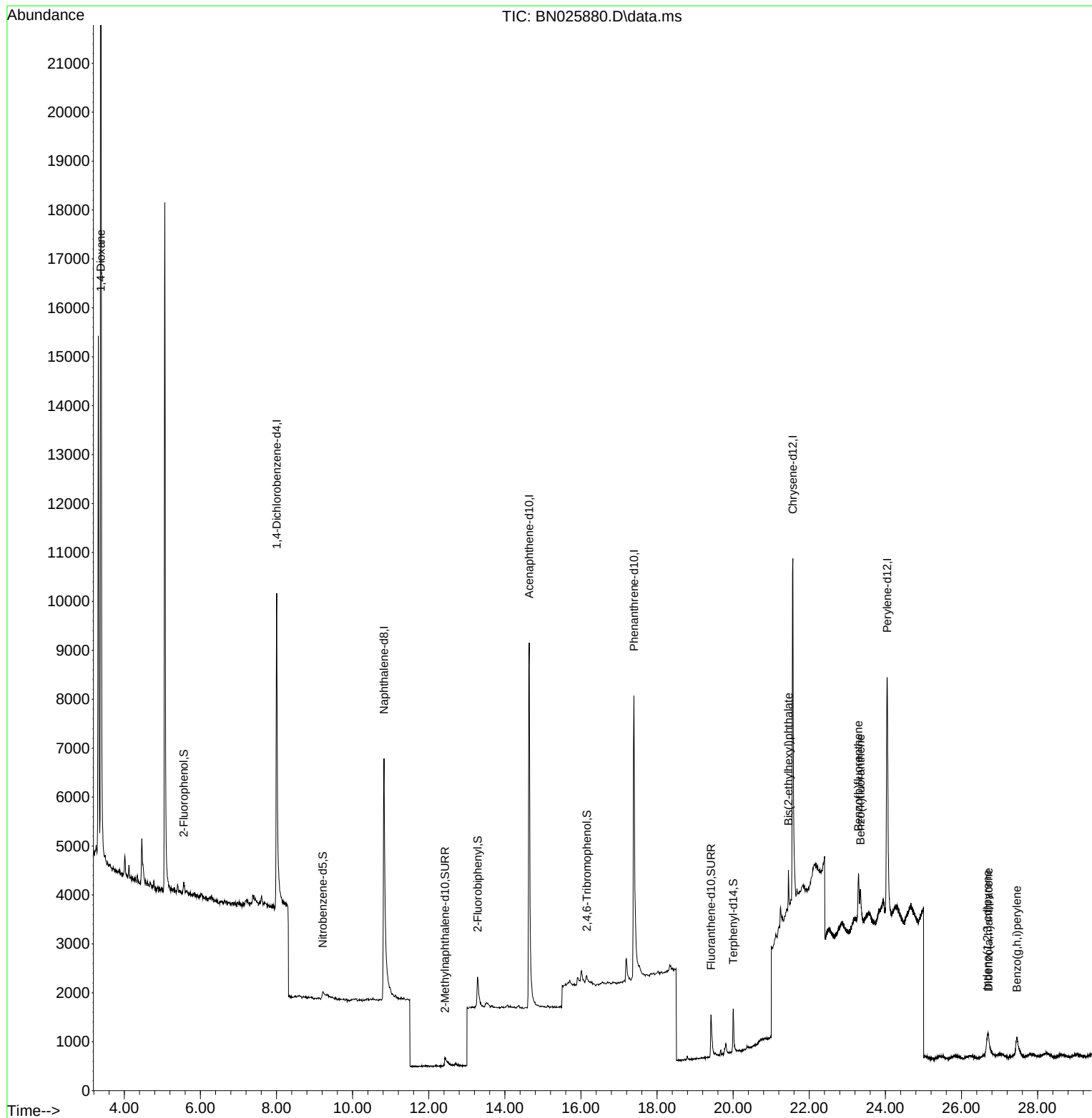
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
Data File : BN025880.D
Acq On : 16 Jun 2023 13:10
Operator : MA/JU
Sample : 03225-03DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

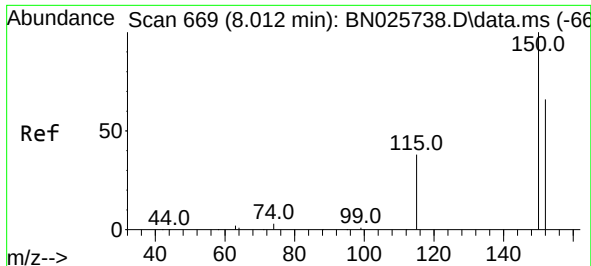
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323DL

Quant Time: Jun 16 14:11:10 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

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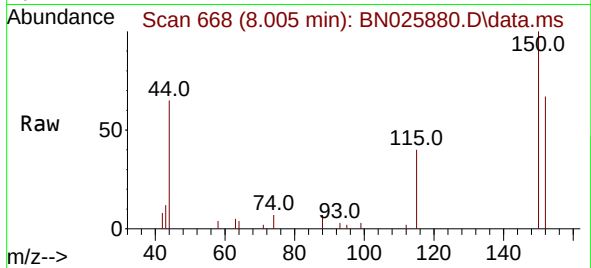
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.005 min Scan# 669
Delta R.T. 0.007 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

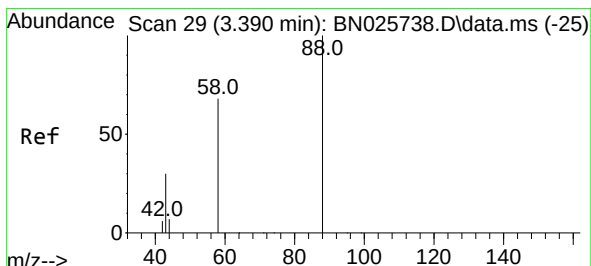
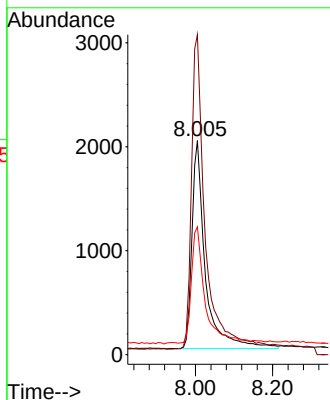
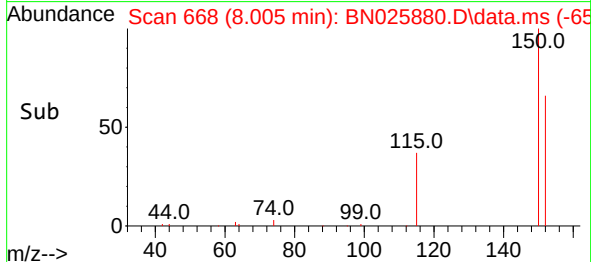
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323DL



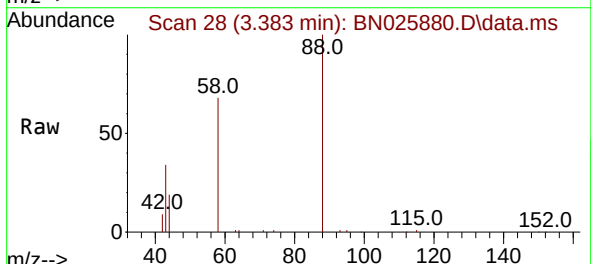
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Ion Ratio Lower Upper
152 100
150 149.4 121.5 182.3
115 59.7 47.7 71.5

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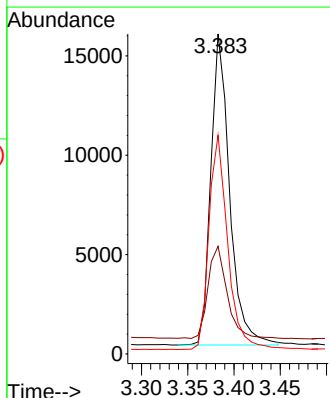
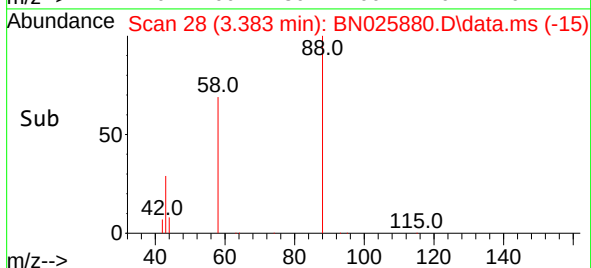
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

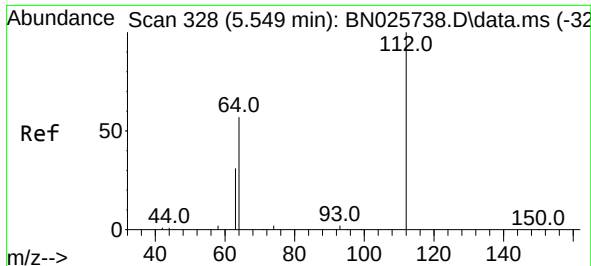


#2
1,4-Dioxane
Concen: 3.892 ng
RT: 3.383 min Scan# 28
Delta R.T. -0.007 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10



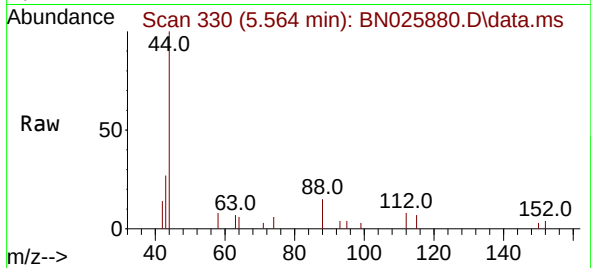
Tgt Ion: 88 Resp: 22087
Ion Ratio Lower Upper
88 100
43 29.9 31.0 46.4#
58 69.1 57.3 85.9





#4
2-Fluorophenol
Concen: 0.024 ng
RT: 5.564 min Scan# 31
Delta R.T. 0.022 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

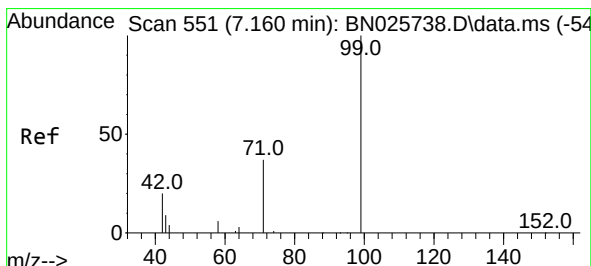
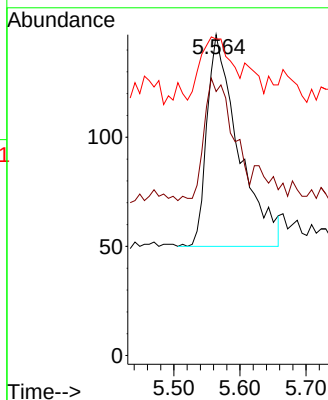
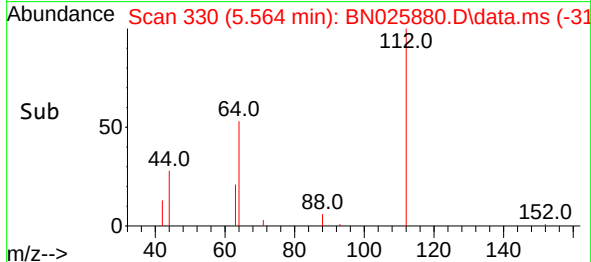
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323DL



Tgt Ion: 112 Resp: 32
Ion Ratio Lower Upper
112 100
64 52.3 47.5 71.3
63 28.2 26.2 39.4

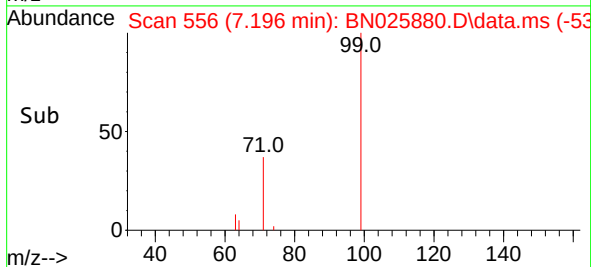
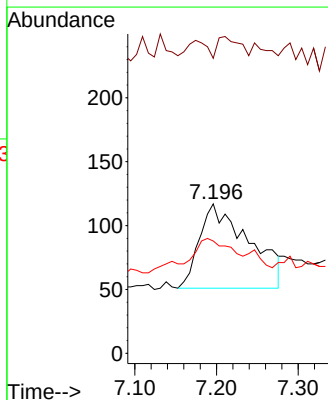
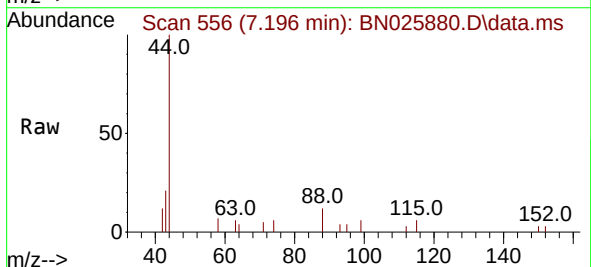
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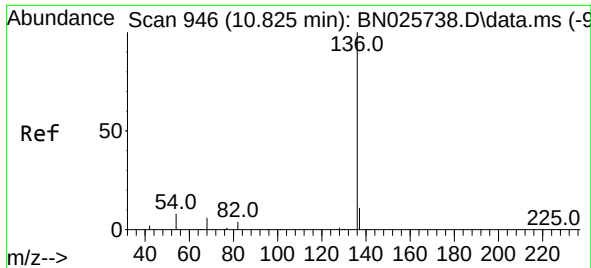
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#5
Phenol-d6
Concen: 0.017 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.043 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

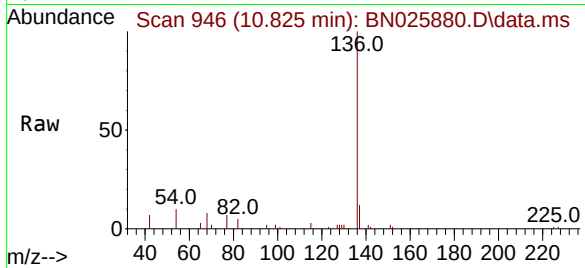
Tgt Ion: 99 Resp: 279
Ion Ratio Lower Upper
99 100
42 0.0 18.6 28.0#
71 19.0 30.5 45.7#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.825 min Scan# 946
Delta R.T. 0.011 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

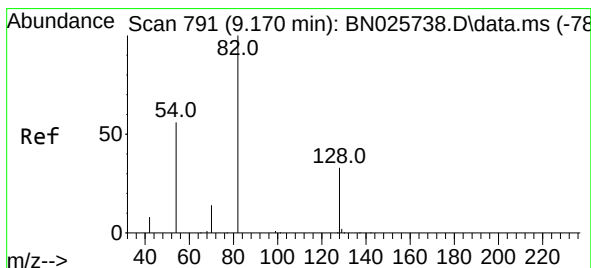
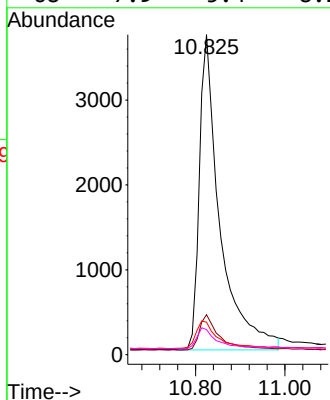
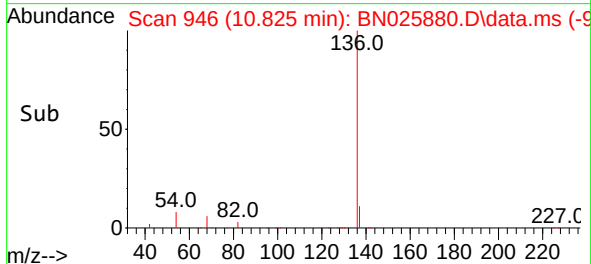
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323DL



Tgt Ion:136 Resp: 11879
Ion Ratio Lower Upper
136 100
137 12.5 9.3 13.9
54 10.1 7.2 10.8
68 7.9 5.4 8.2

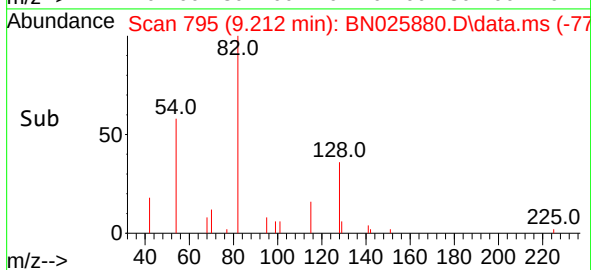
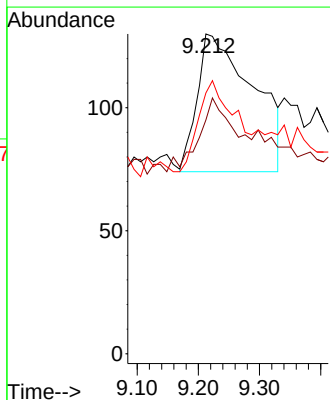
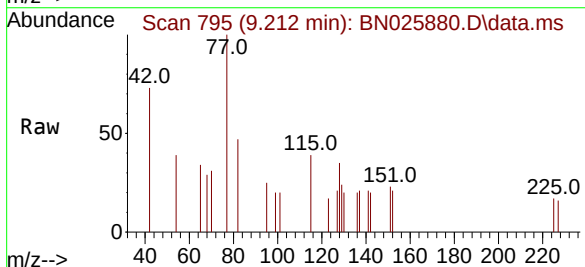
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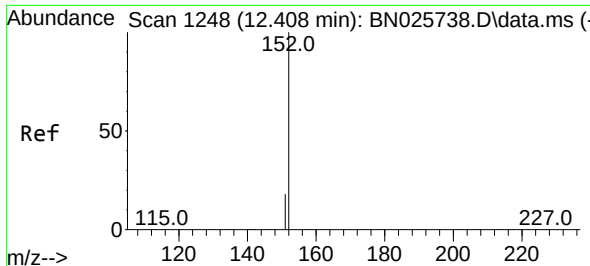
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#8
Nitrobenzene-d5
Concen: 0.032 ng m
RT: 9.212 min Scan# 795
Delta R.T. 0.043 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

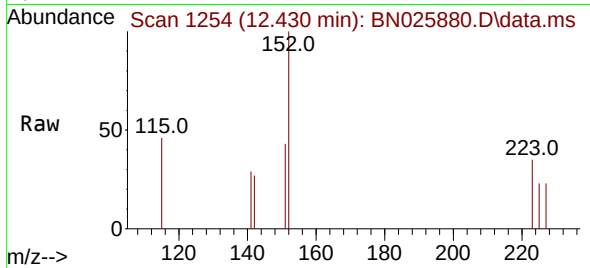
Tgt Ion: 82 Resp: 355
Ion Ratio Lower Upper
82 100
128 73.1 27.6 41.4#
54 81.5 45.7 68.5#





#11
2-Methylnaphthalene-d10
Concen: 0.039 ng
RT: 12.430 min Scan# 11
Delta R.T. 0.034 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

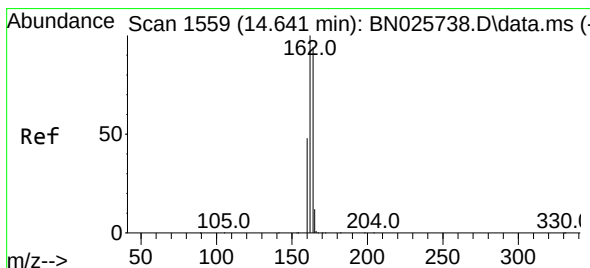
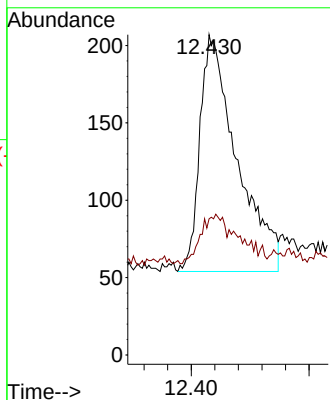
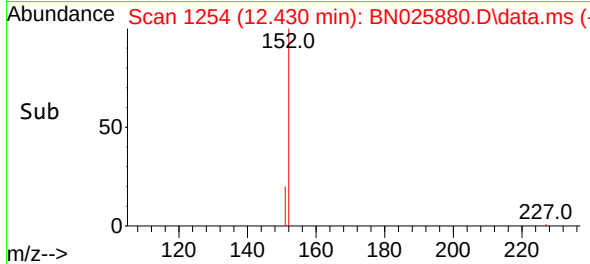
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ClientSampleId :
GWOW-BR-05-84-104-061323DL



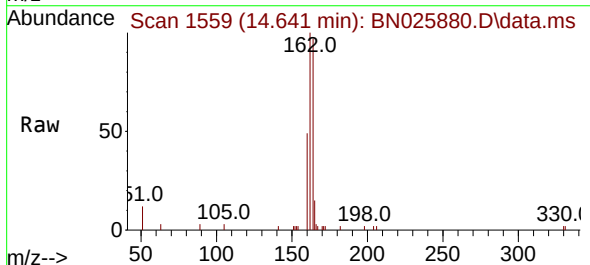
Tgt Ion:152 Resp: 66
Ion Ratio Lower Upper
152 100
151 13.2 16.4 24.6

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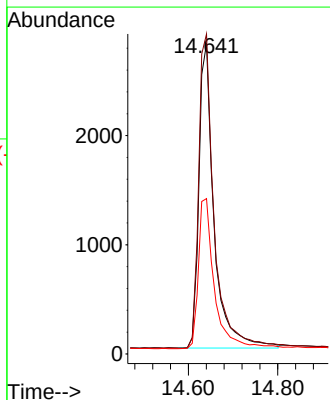
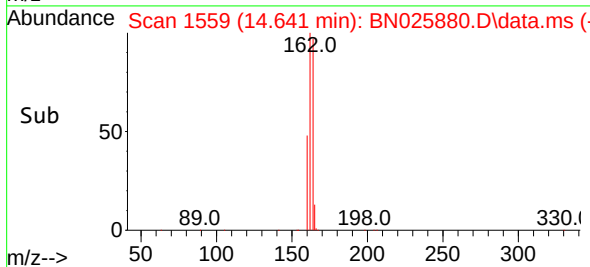
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

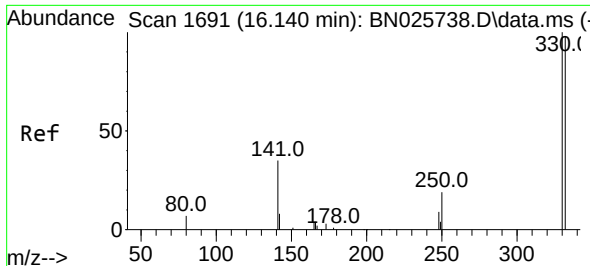


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.641 min Scan# 1559
Delta R.T. 0.011 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10



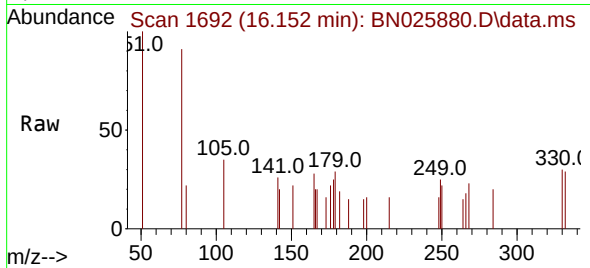
Tgt Ion:164 Resp: 6563
Ion Ratio Lower Upper
164 100
162 103.1 85.0 127.6
160 50.1 41.1 61.7





#14
2,4,6-Tribromophenol
Concen: 0.072 ng
RT: 16.152 min Scan# 1692
Delta R.T. 0.025 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

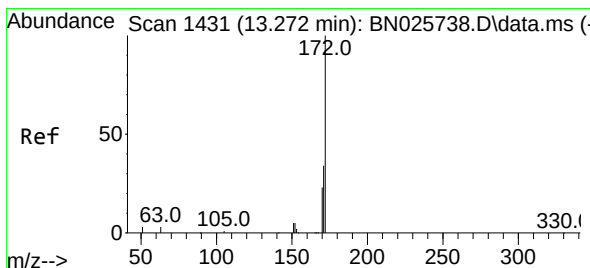
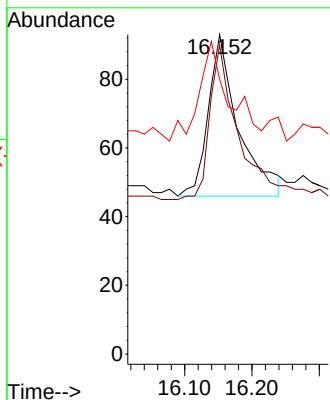
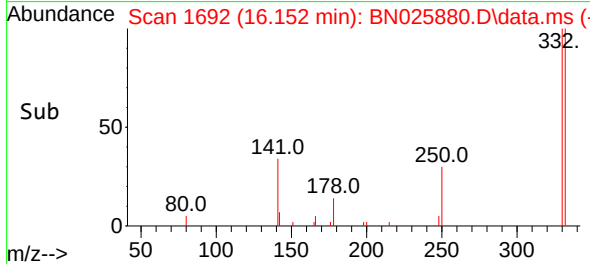
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BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323DL



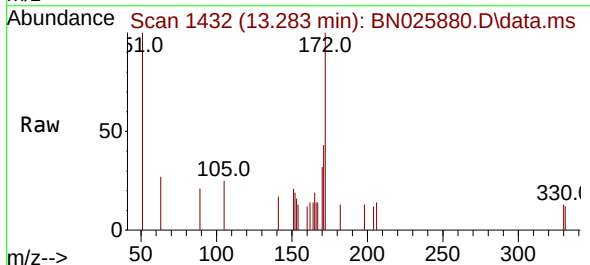
Tgt Ion: 330 Resp: 140
Ion Ratio Lower Upper
330 100
332 88.4 77.3 115.9
141 62.3 55.0 82.6

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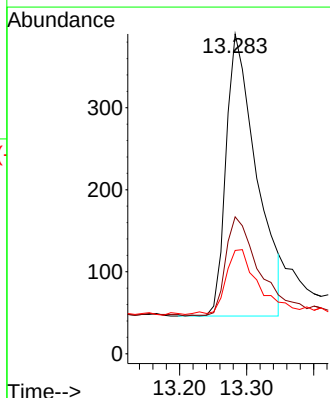
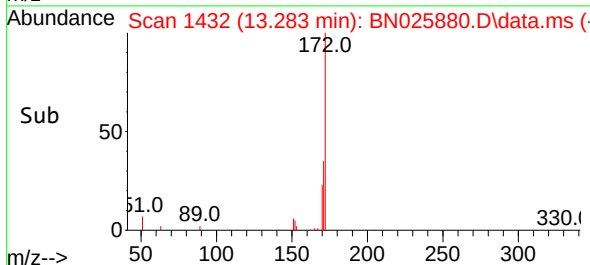
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

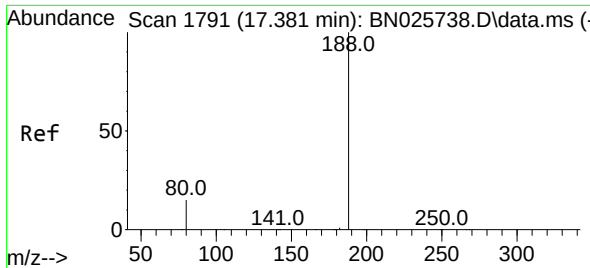


#15
2-Fluorobiphenyl
Concen: 0.039 ng
RT: 13.283 min Scan# 1432
Delta R.T. 0.021 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10



Tgt Ion: 172 Resp: 1085
Ion Ratio Lower Upper
172 100
171 42.8 27.3 40.9#
170 32.3 18.6 28.0#





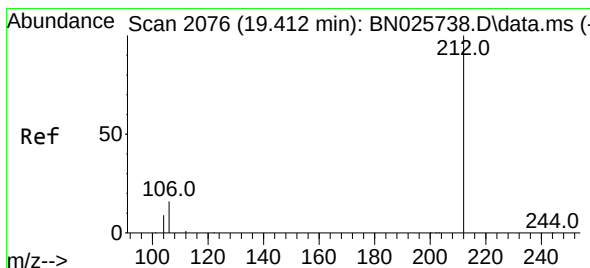
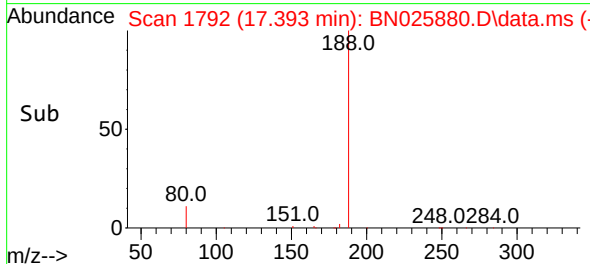
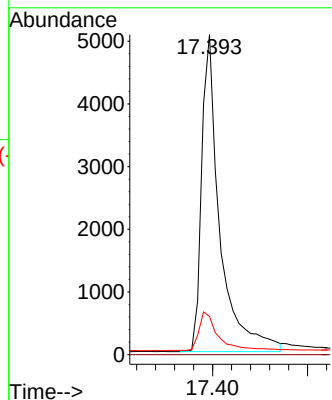
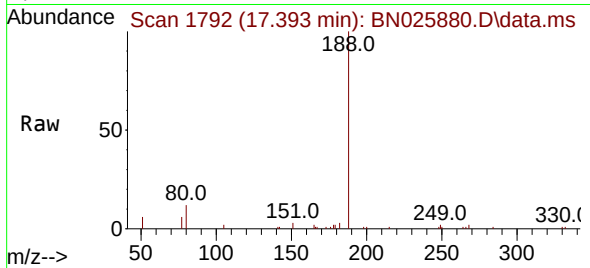
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1791
Delta R.T. 0.012 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323DL

Tgt Ion:188 Resp: 1346
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 12.1 18.1

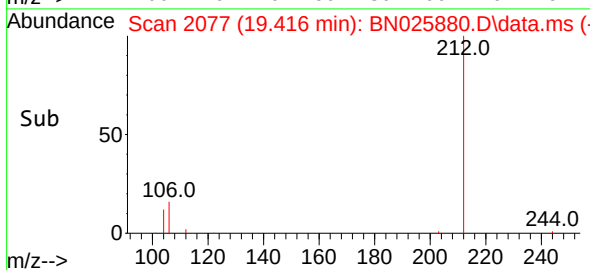
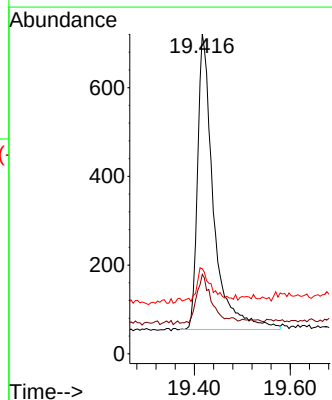
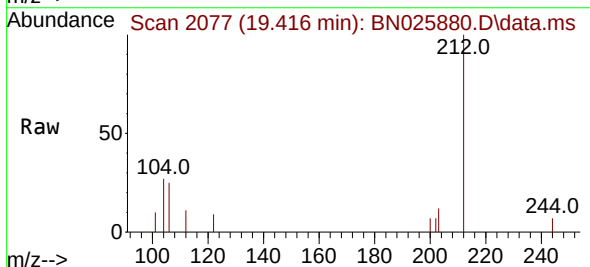
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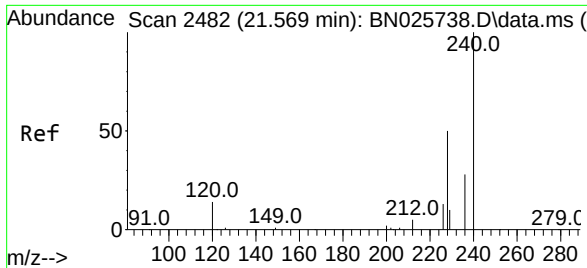
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#27
Fluoranthene-d10
Concen: 0.055 ng
RT: 19.416 min Scan# 2077
Delta R.T. 0.009 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

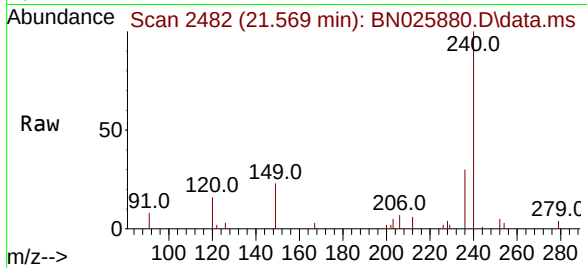
Tgt Ion:212 Resp: 1537
Ion Ratio Lower Upper
212 100
106 14.7 13.0 19.6
104 9.9 7.7 11.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2482
Delta R.T. 0.009 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

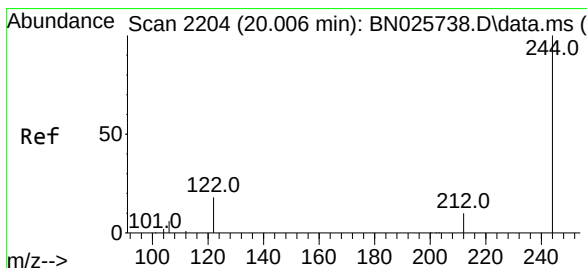
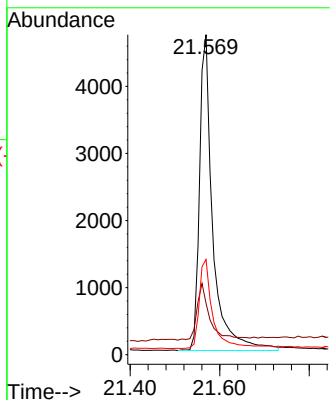
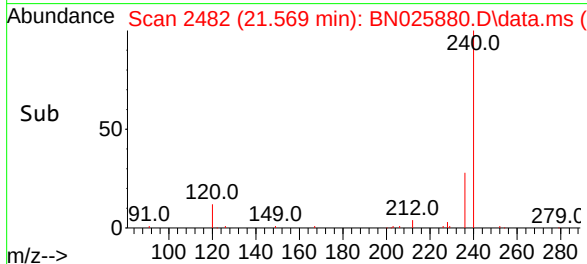
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323DL



Tgt Ion:240 Resp: 968
Ion Ratio Lower Upper
240 100
120 16.0 13.2 19.8
236 29.7 23.1 34.7

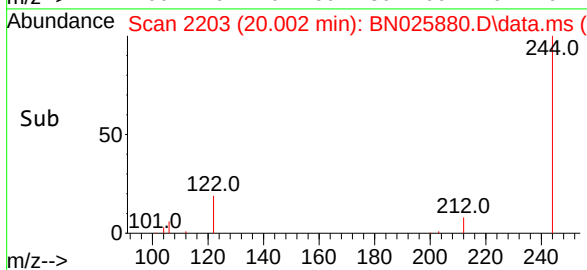
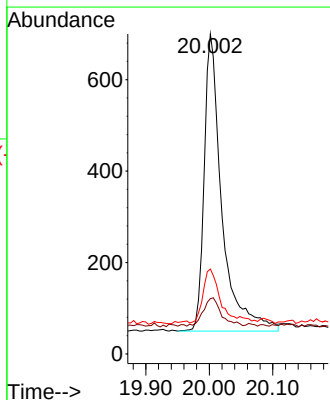
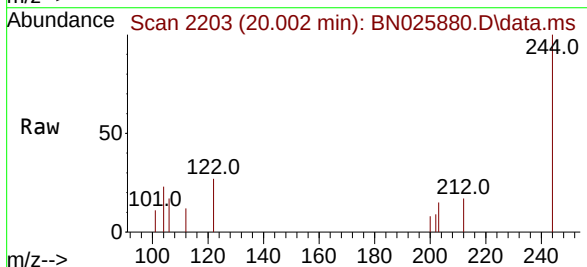
Manual Integrations
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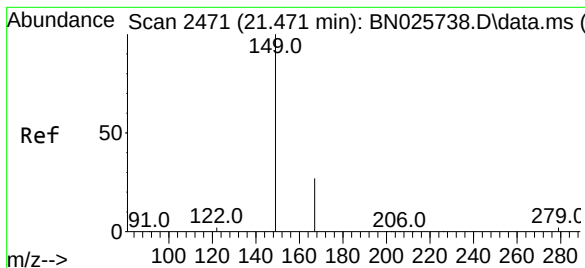
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#31
Terphenyl-d14
Concen: 0.054 ng
RT: 20.002 min Scan# 2203
Delta R.T. 0.005 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

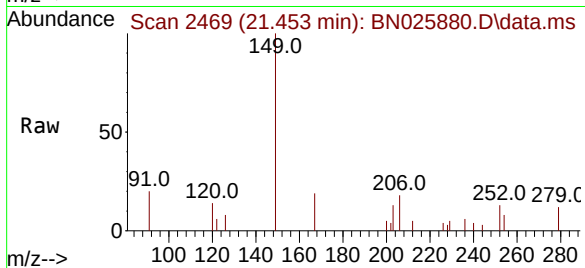
Tgt Ion:244 Resp: 1259
Ion Ratio Lower Upper
244 100
212 17.3 8.6 12.8#
122 26.6 15.2 22.8#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.041 ng
RT: 21.453 min Scan# 2469
Delta R.T. -0.000 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

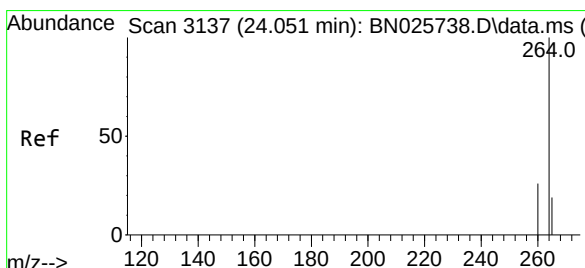
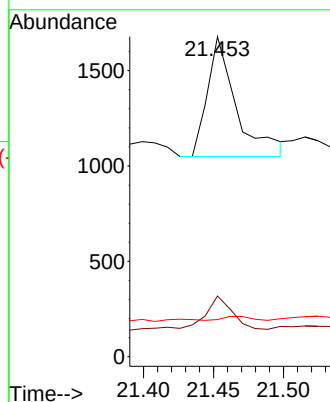
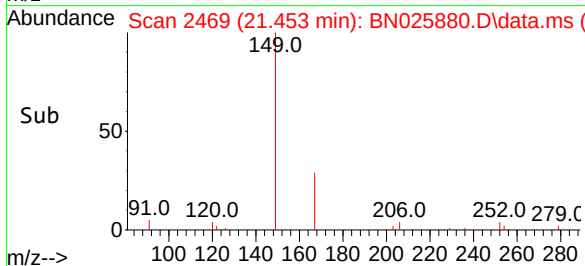
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323DL



Tgt Ion:149 Resp: 9000
Ion Ratio Lower Upper
149 100
167 28.2 21.0 31.6
279 3.4 2.2 3.4

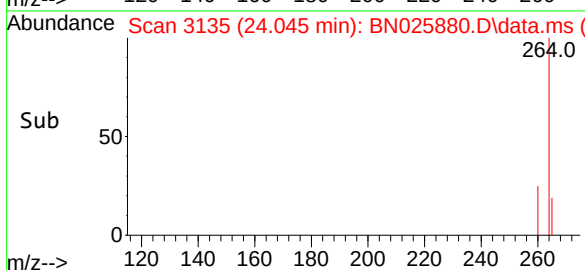
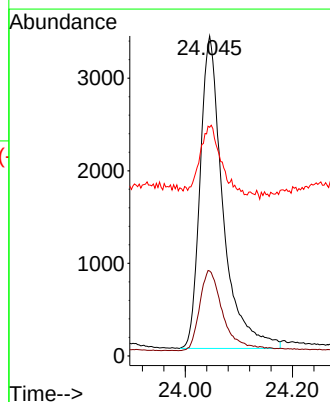
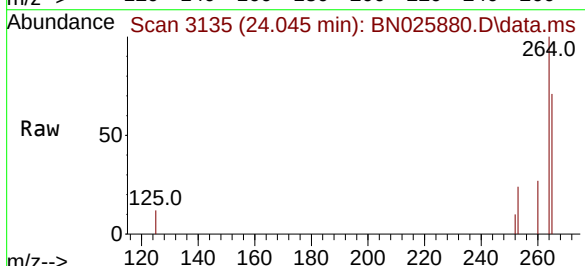
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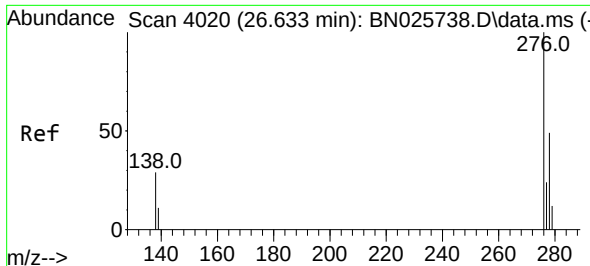
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.045 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

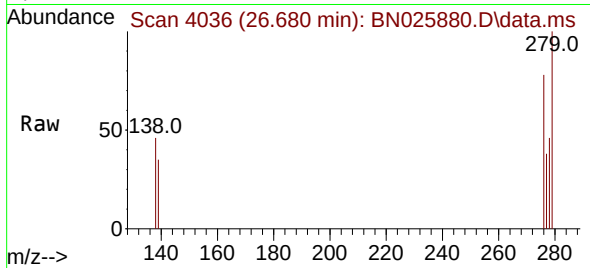
Tgt Ion:264 Resp: 9993
Ion Ratio Lower Upper
264 100
260 26.5 21.4 32.2
265 71.4 44.7 67.1





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng m
RT: 26.680 min Scan# 4020
Delta R.T. 0.041 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

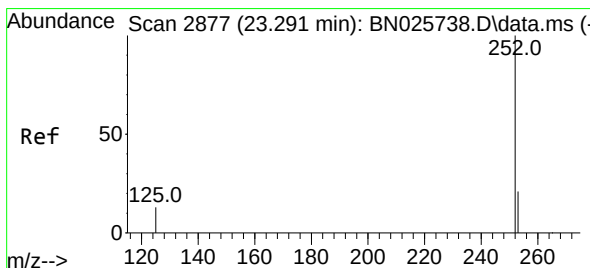
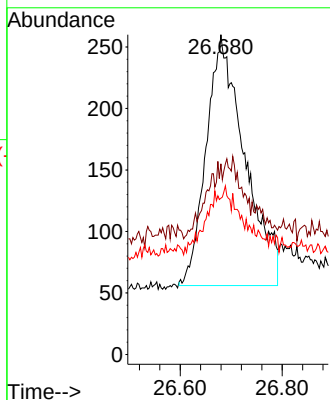
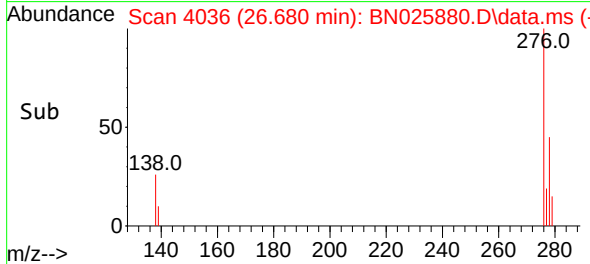
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323DL



Tgt Ion:276 Resp: 1068
Ion Ratio Lower Upper
276 100
138 0.7 26.1 39.1#
277 9.7 19.4 29.2#

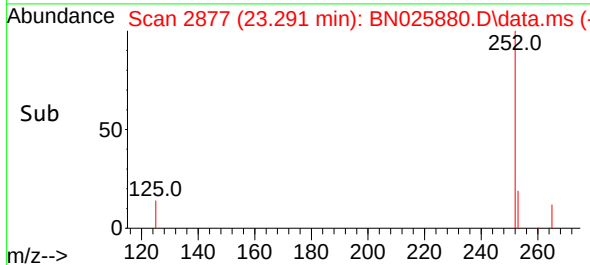
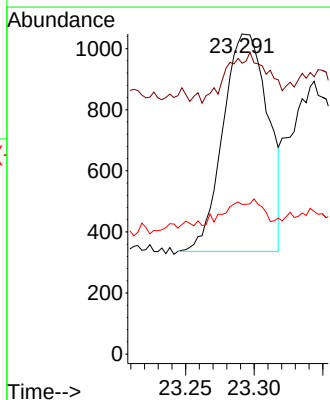
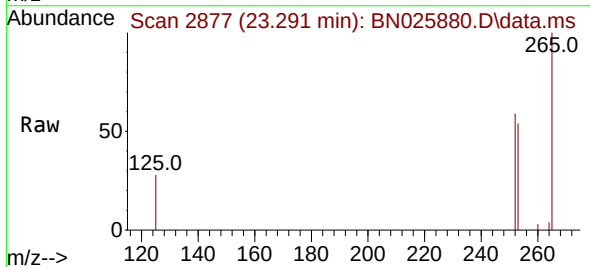
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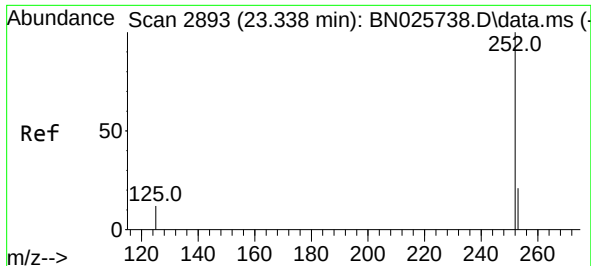
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#37
Benzo(b)fluoranthene
Concen: 0.041 ng
RT: 23.291 min Scan# 2877
Delta R.T. 0.009 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

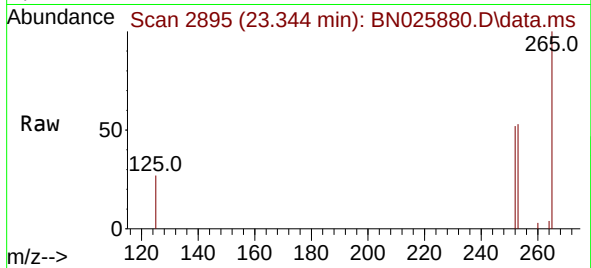
Tgt Ion:252 Resp: 1619
Ion Ratio Lower Upper
252 100
253 90.8 23.4 35.0#
125 46.8 12.3 18.5#





#38
Benzo(k)fluoranthene
Concen: 0.036 ng m
RT: 23.344 min Scan# 21
Delta R.T. 0.015 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

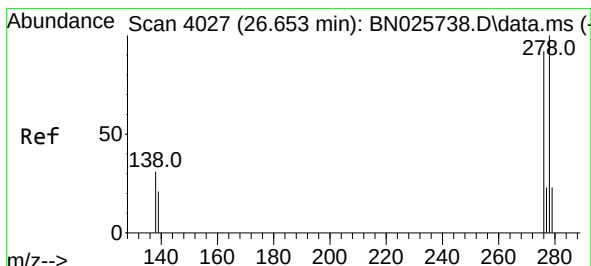
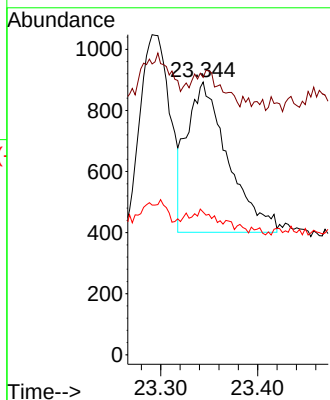
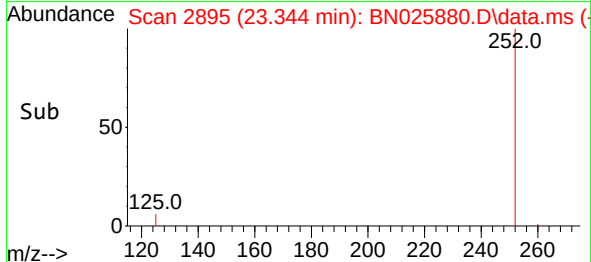
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323DL



Tgt Ion:252 Resp: 1452
Ion Ratio Lower Upper
252 100
253 101.7 24.2 36.4#
125 52.3 12.2 18.2#

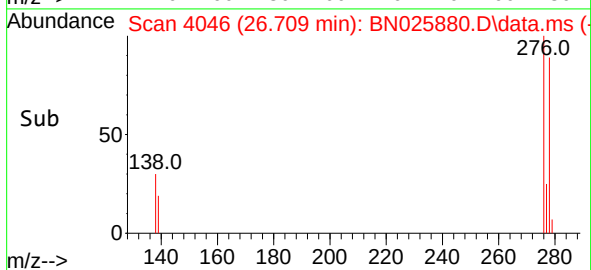
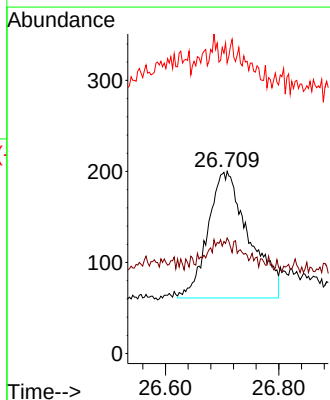
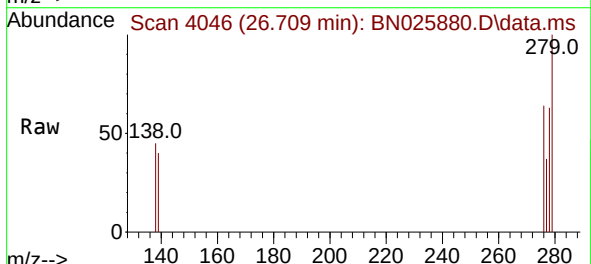
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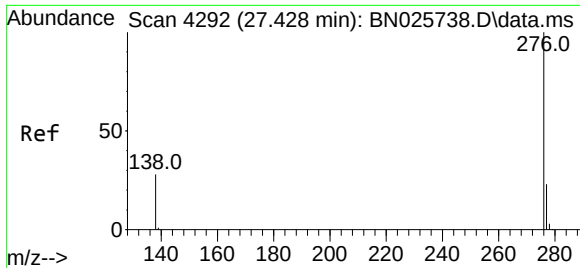
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#40
Dibenzo(a,h)anthracene
Concen: 0.020 ng m
RT: 26.709 min Scan# 4046
Delta R.T. 0.053 min
Lab File: BN025880.D
Acq: 16 Jun 2023 13:10

Tgt Ion:278 Resp: 698
Ion Ratio Lower Upper
278 100
139 63.5 18.7 28.1#
279 159.5 25.1 37.7#





#41

Benzo(g,h,i)perylene

Concen: 0.032 ng

RT: 27.457 min Scan# 41

Delta R.T. 0.020 min

Lab File: BN025880.D

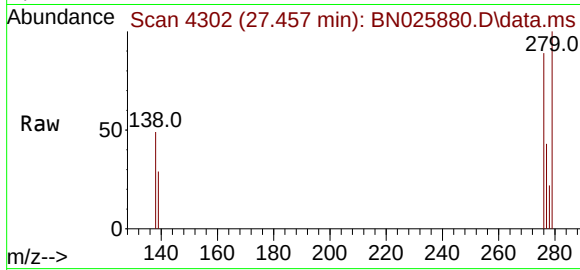
Acq: 16 Jun 2023 13:10

Instrument :

BN025880.D

ClientSampleId :

GWOW-BR-05-84-104-061323DL



Tgt Ion: 276 Resp: 125

Ion Ratio Lower Upper

276 100

277 47.7 20.2 30.2

138 54.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023

