

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033438.D
 Acq On : 16 Aug 2024 19:39
 Operator : MA/JU
 Sample : P3450-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 923-K1-WP0-0.25-080124

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2024
 Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 16 23:42:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 04:44:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	407861	20.000	ng	0.00
7) Naphthalene-d8	10.325	136	1145313	20.000	ng	#-0.01
13) Acenaphthene-d10	14.199	164	640281	20.000	ng	0.00
19) Phenanthrene-d10	16.941	188	1283961	20.000	ng	-0.01
29) Chrysene-d12	21.157	240	1072215	20.000	ng	# 0.00
35) Perylene-d12	23.332	264	1141348	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.197	112	1250335	55.495	ng	0.00
5) Phenol-d6	6.750	99	990232	32.539	ng	0.00
8) Nitrobenzene-d5	8.702	82	1729391	100.100	ng	0.00
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	15.700	330	1041383	158.505	ng	0.00
15) 2-Fluorobiphenyl	12.820	172	3741792	71.282	ng	0.00
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.606	244	3353075	82.766	ng	0.00
Target Compounds						
18) Fluorene	15.257	166	3061m	0.057	ng	Qvalue
28) Fluoranthene	19.016	202	2270	0.025	ng	# 96
30) Pyrene	19.379	202	1745	0.020	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.103	149	3468	0.095	ng	# 99

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

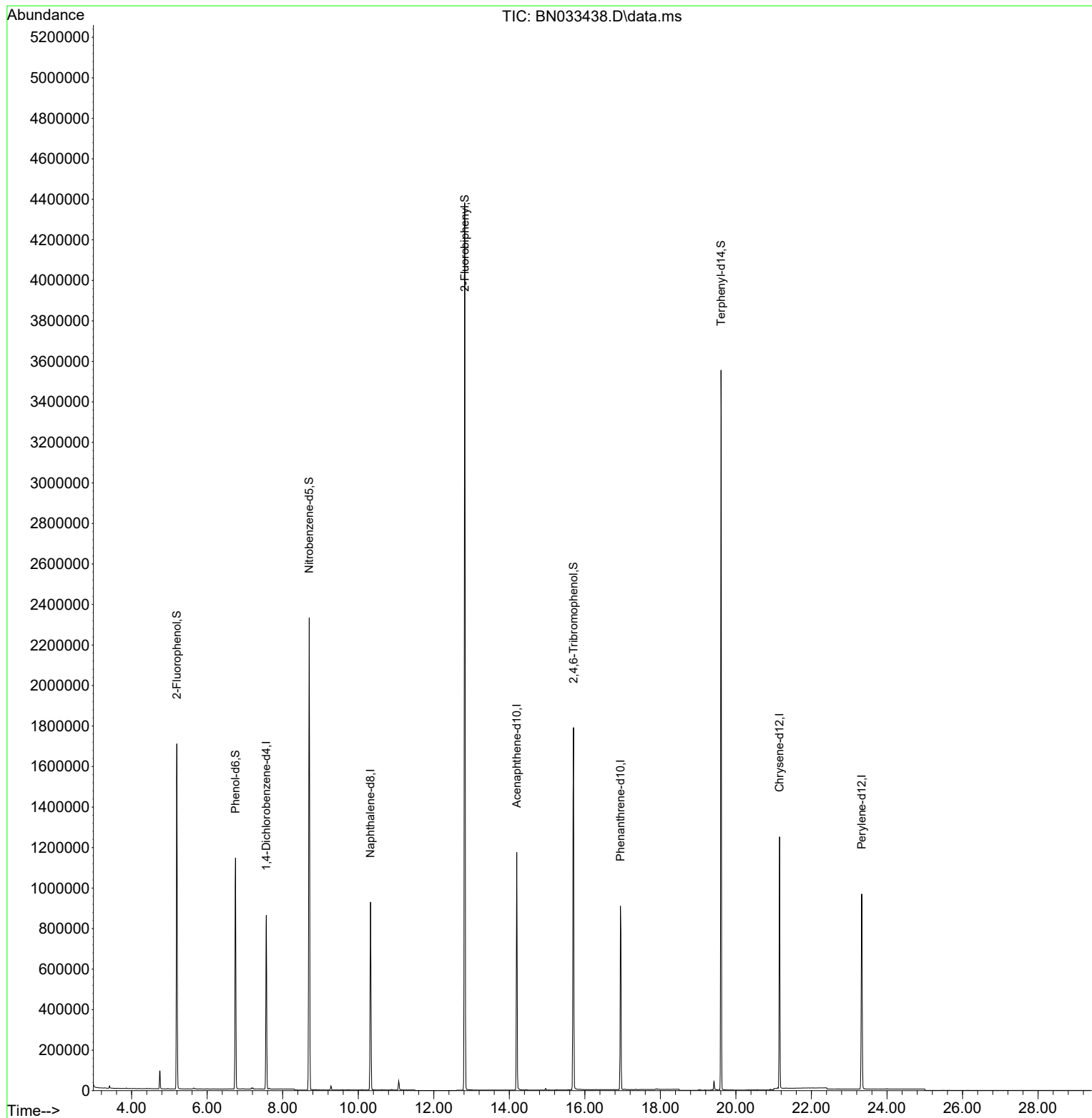
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033438.D
Acq On : 16 Aug 2024 19:39
Operator : MA/JU
Sample : P3450-02
Misc :
ALS Vial : 12 Sample Multiplier: 50

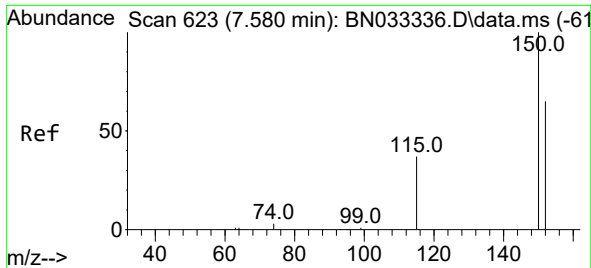
Instrument :
BNA_N
ClientSampleId :
923-K1-WP0-0.25-080124

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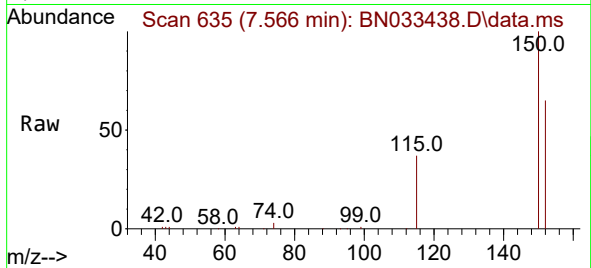
Quant Time: Aug 16 23:42:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.566 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

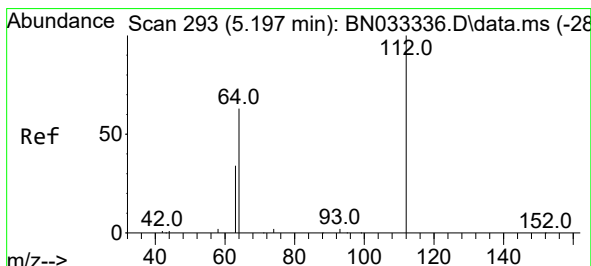
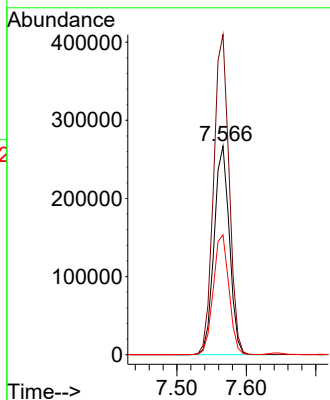
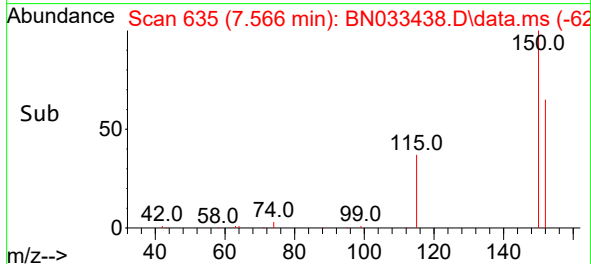
Instrument :
BNA_N
ClientSampleId :
923-K1-WP0-0.25-080124



Tgt Ion:152 Resp: 40786
Ion Ratio Lower Upper
152 100
150 153.3 122.3 183.5
115 57.4 48.8 73.2

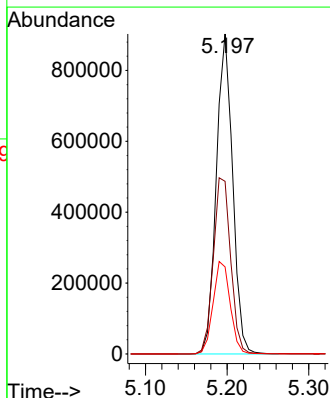
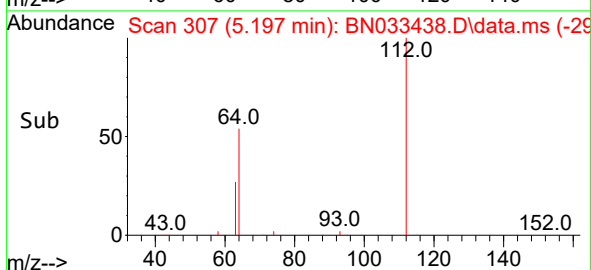
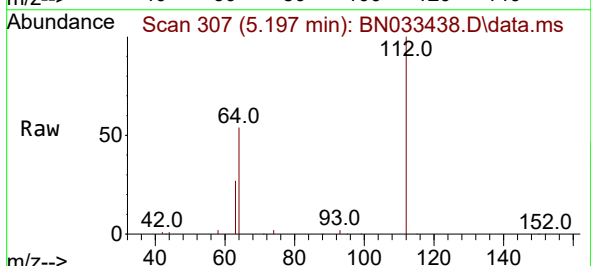
Manual Integrations
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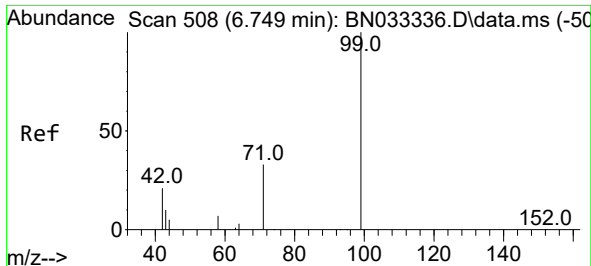
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024



#4
2-Fluorophenol
Concen: 55.495 ng
RT: 5.197 min Scan# 307
Delta R.T. -0.000 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

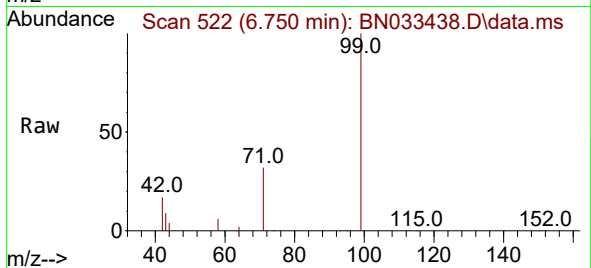
Tgt Ion:112 Resp: 1250335
Ion Ratio Lower Upper
112 100
64 58.7 48.1 72.1
63 30.3 25.4 38.2





#5
Phenol-d6
Concen: 32.539 ng
RT: 6.750 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

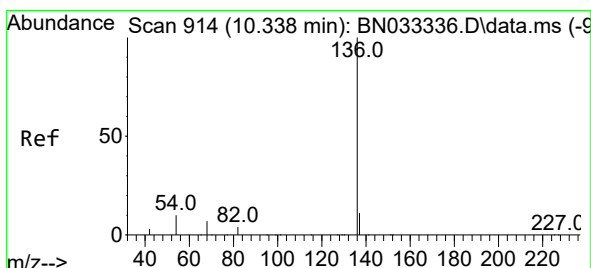
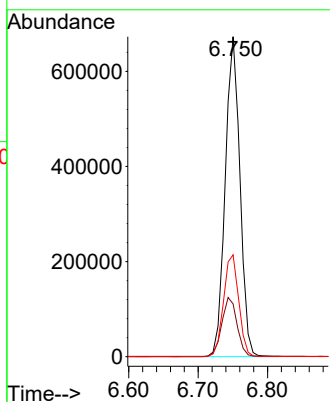
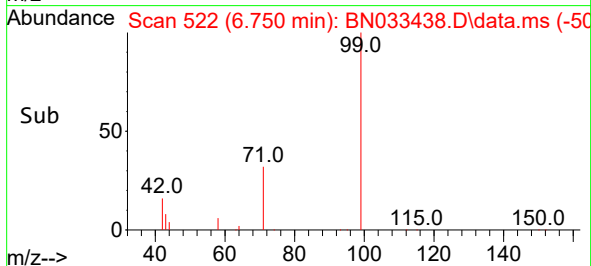
Instrument :
BNA_N
ClientSampleId :
923-K1-WP0-0.25-080124



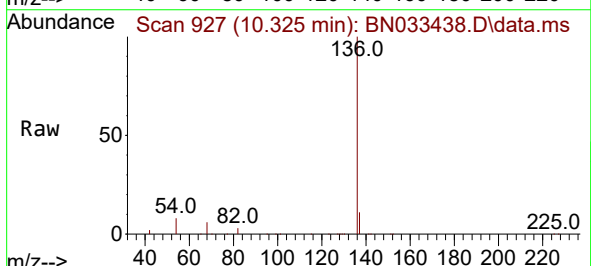
Tgt Ion: 99 Resp: 99023
Ion Ratio Lower Upper
99 100
42 18.9 18.5 27.7
71 32.8 26.2 39.2

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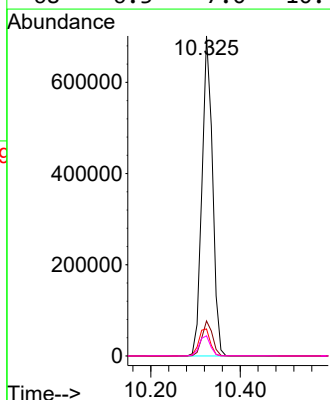
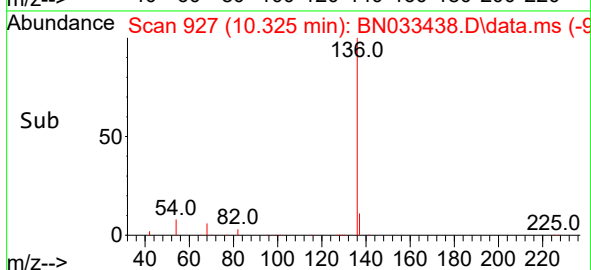
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024

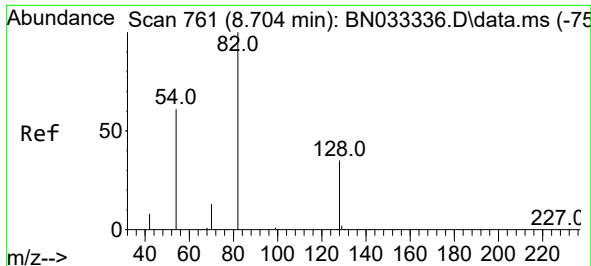


#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39



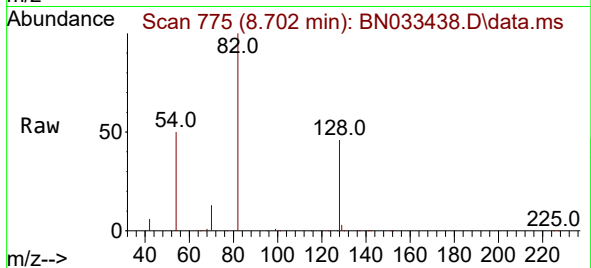
Tgt Ion:136 Resp: 1145313
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.5 9.4 14.0#
68 6.3 7.0 10.4#





#8
Nitrobenzene-d5
Concen: 100.100 ng
RT: 8.702 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

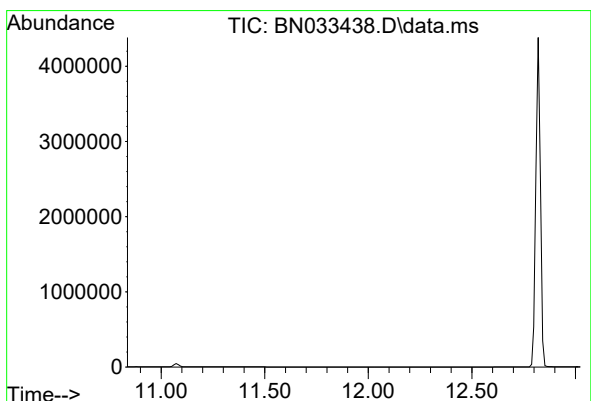
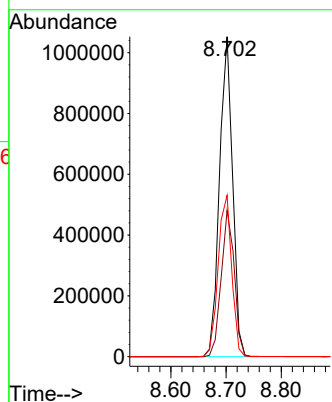
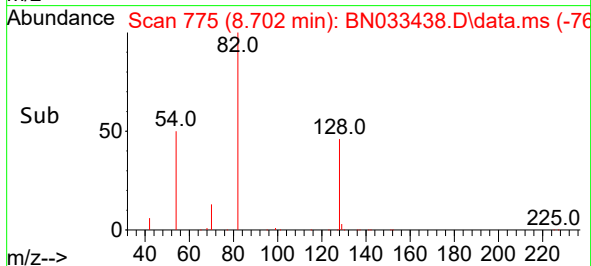
Instrument :
BNA_N
ClientSampleId :
923-K1-WP0-0.25-080124



Tgt Ion: 82 Resp: 172939
Ion Ratio Lower Upper
82 100
128 45.7 29.0 43.4
54 50.4 50.2 75.4

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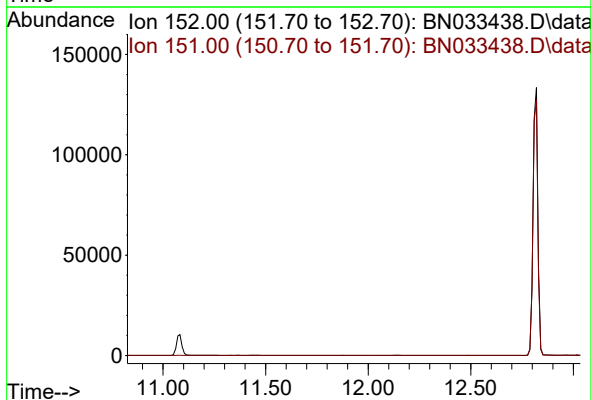
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024

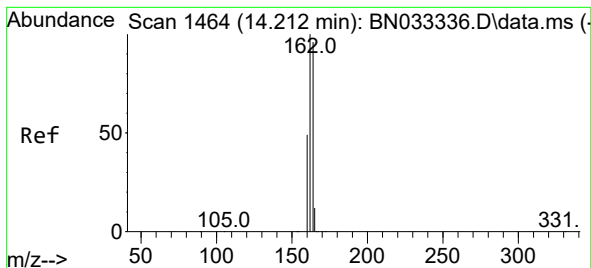


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
Expected RT: 11.93 min

Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

Tgt Ion: 152
Sig Exp Ratio
152 100
151 20.9





#13

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.199 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN033438.D

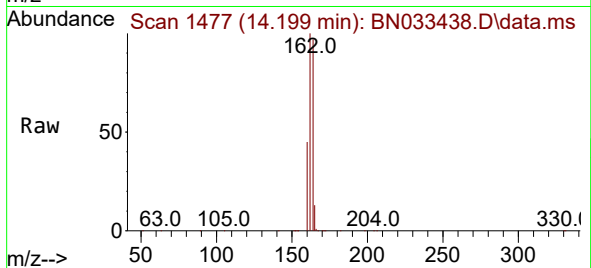
Acq: 16 Aug 2024 19:39

Instrument :

BNA_N

ClientSampleId :

923-K1-WP0-0.25-080124



Tgt Ion:164 Resp: 64028

Ion Ratio Lower Upper

164 100

162 102.6 83.1 124.7

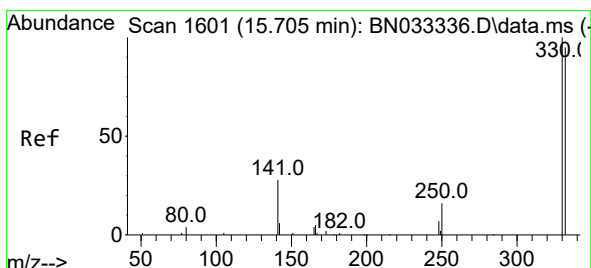
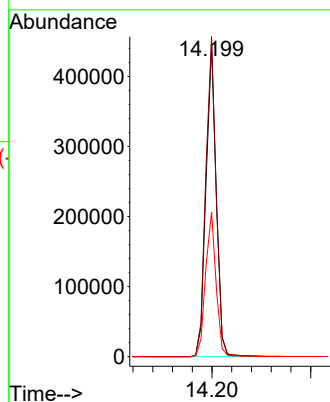
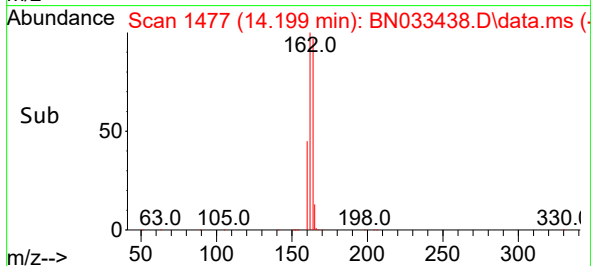
160 46.4 41.1 61.7

Manual Integrations

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#14

2,4,6-Tribromophenol

Concen: 158.505 ng

RT: 15.700 min Scan# 1615

Delta R.T. -0.000 min

Lab File: BN033438.D

Acq: 16 Aug 2024 19:39

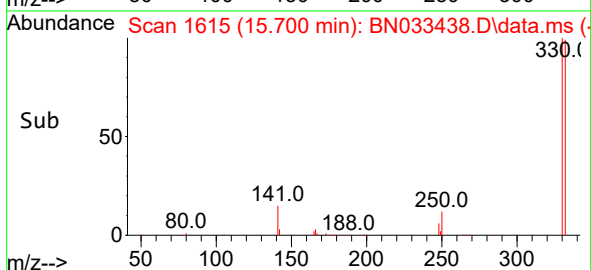
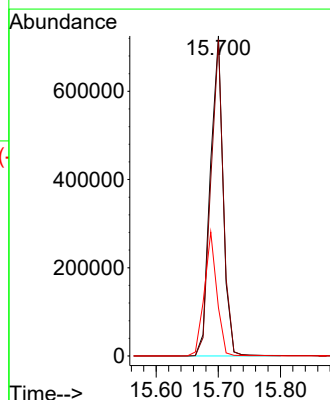
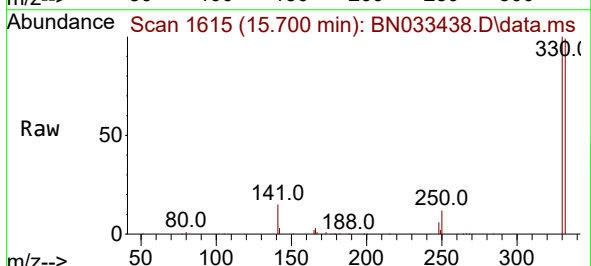
Tgt Ion:330 Resp: 1041383

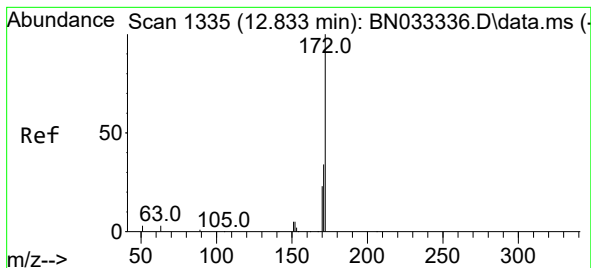
Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 38.0 33.4 50.0





#15

2-Fluorobiphenyl

Concen: 71.282 ng

RT: 12.820 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN033438.D

Acq: 16 Aug 2024 19:39

Instrument :

BNA_N

ClientSampleId :

923-K1-WP0-0.25-080124

Tgt Ion:172 Resp: 3741792

Ion Ratio Lower Upper

172 100

171 34.4 27.8 41.8

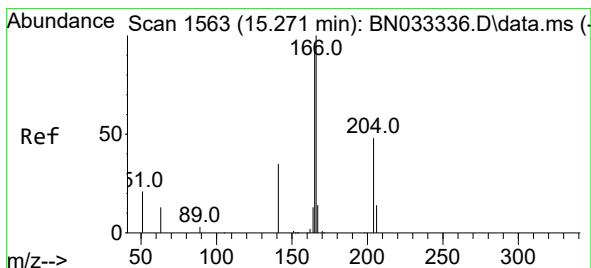
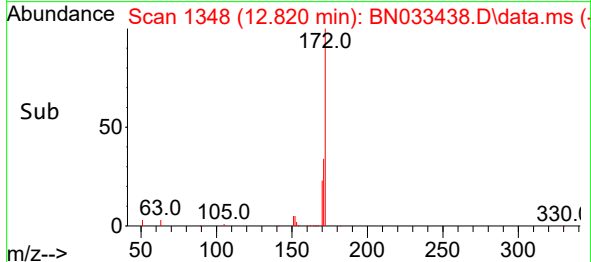
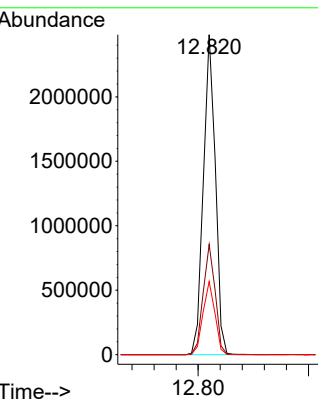
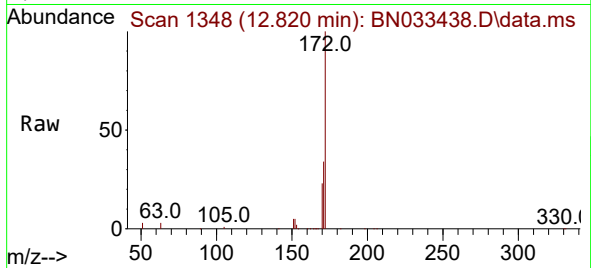
170 22.9 18.7 28.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/17/2024

Supervised By :mohammad ahmed 08/21/2024



#18

Fluorene

Concen: 0.057 ng m

RT: 15.257 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BN033438.D

Acq: 16 Aug 2024 19:39

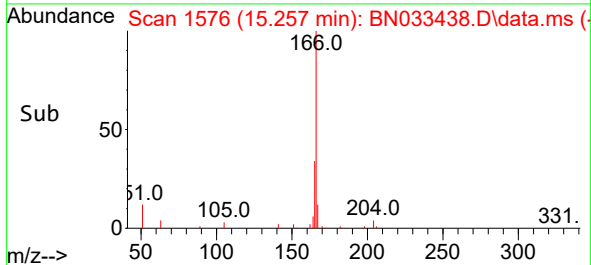
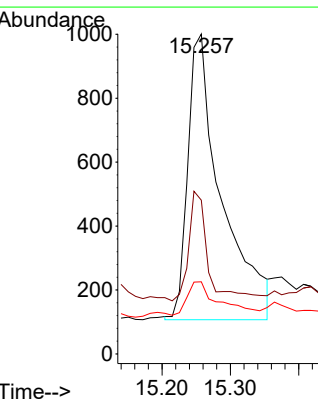
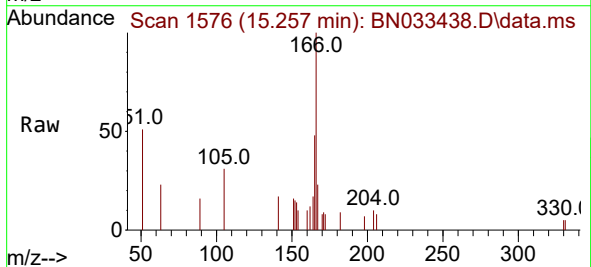
Tgt Ion:166 Resp: 3061

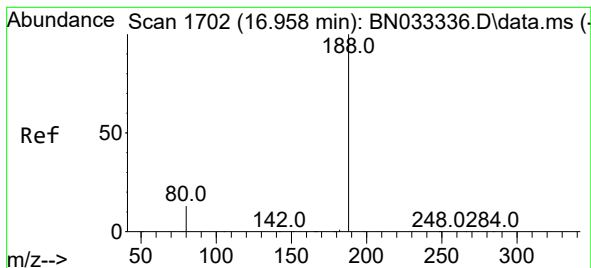
Ion Ratio Lower Upper

166 100

165 20.5 78.0 117.0#

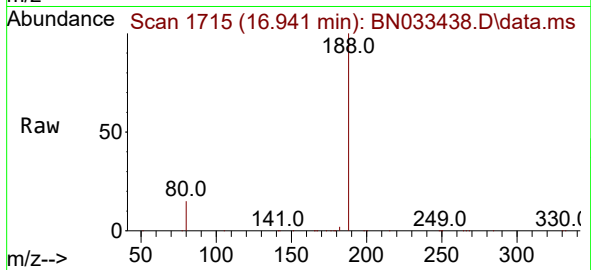
167 9.9 10.7 16.1#





#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.941 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

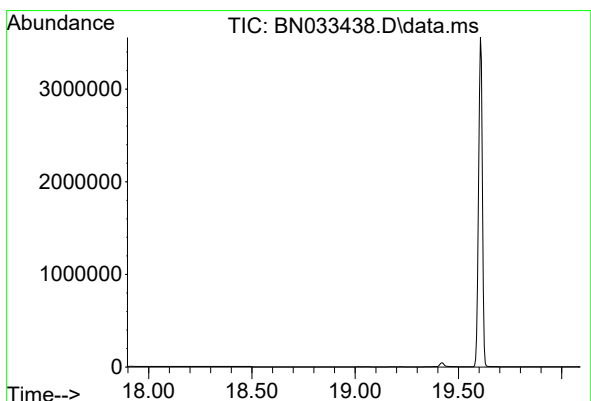
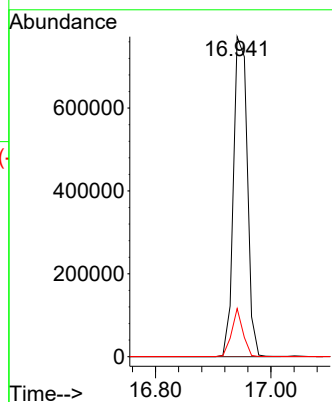
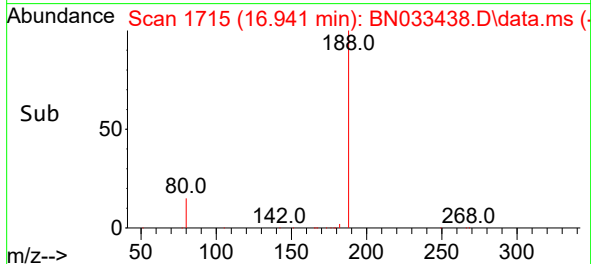
Instrument :
BNA_N
ClientSampleId :
923-K1-WP0-0.25-080124



Tgt Ion:188 Resp: 128396
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 10.7 16.1

Manual Integrations
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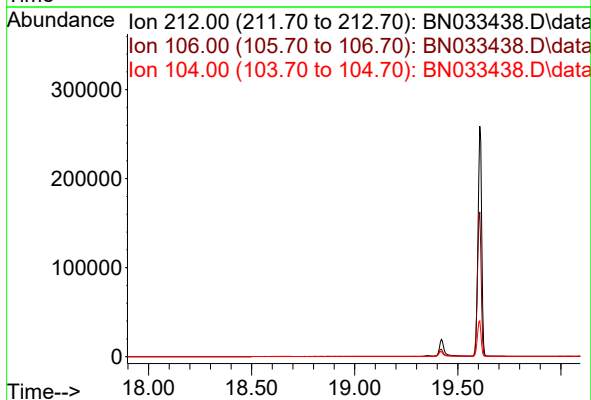
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024

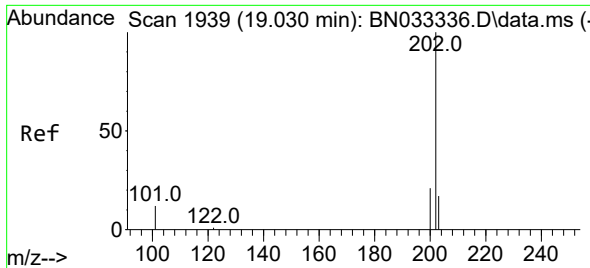


#27
Fluoranthene-d10
Concen: 0.000 ng
Expected RT: 18.99 min

Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

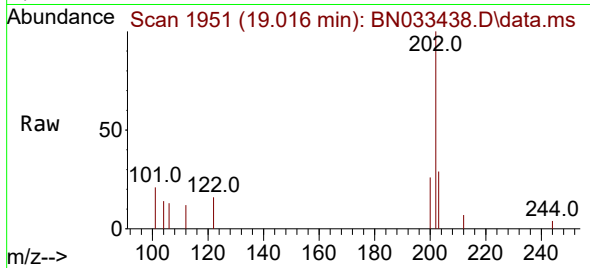
Tgt Ion: 212
Sig Exp Ratio
212 100
106 16.0
104 8.9





#28
Fluoranthene
Concen: 0.025 ng
RT: 19.016 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

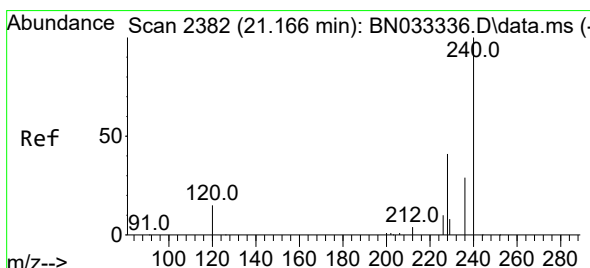
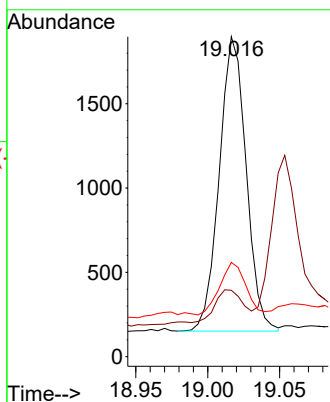
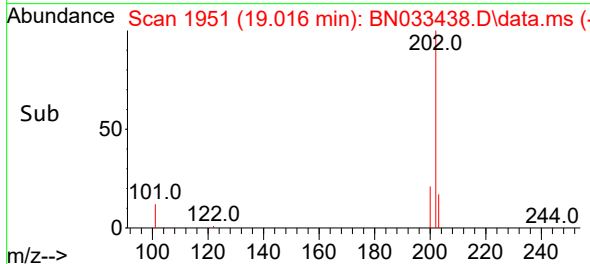
Instrument :
BNA_N
ClientSampleId :
923-K1-WP0-0.25-080124



Tgt Ion:202 Resp: 2270
Ion Ratio Lower Upper
202 100
101 15.6 9.8 14.6
203 17.2 13.8 20.6

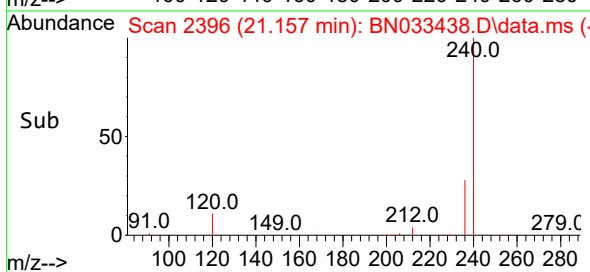
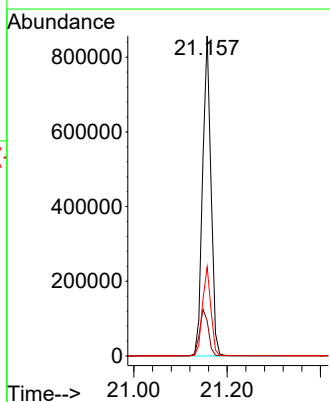
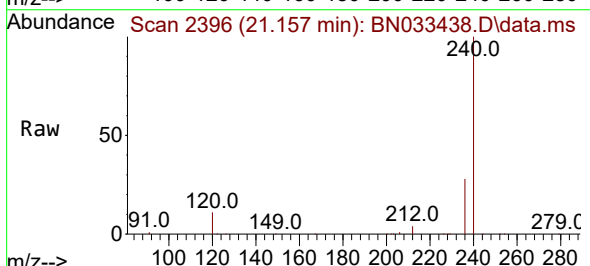
Manual Integrations
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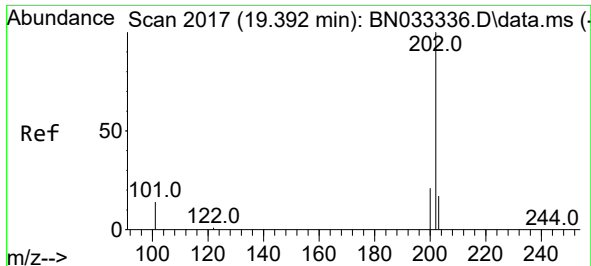
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024



#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.157 min Scan# 2396
Delta R.T. -0.000 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

Tgt Ion:240 Resp: 1072215
Ion Ratio Lower Upper
240 100
120 11.0 13.0 19.6
236 27.9 23.2 34.8





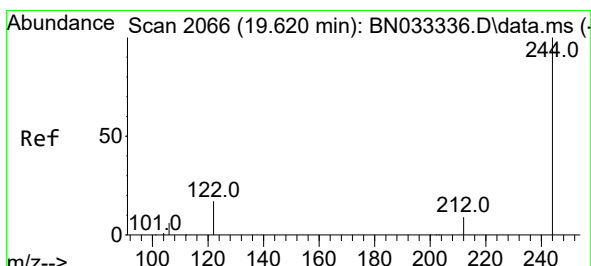
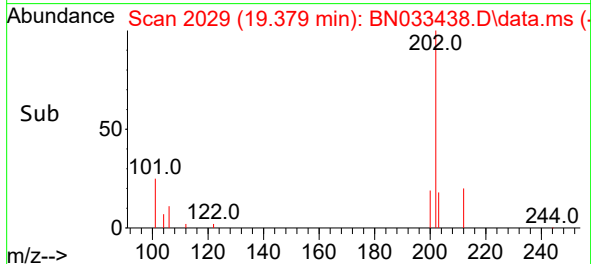
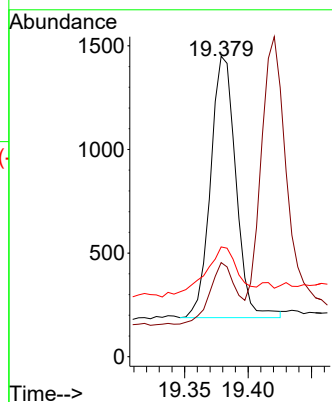
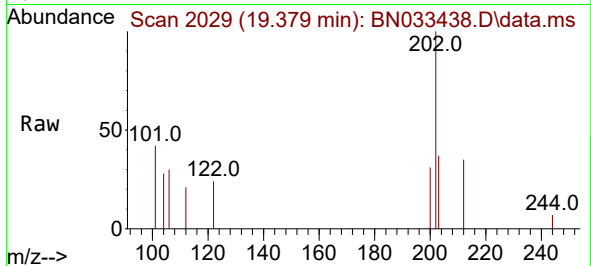
#30
 Pyrene
 Concen: 0.020 ng
 RT: 19.379 min Scan# 2017
 Delta R.T. -0.005 min
 Lab File: BN033438.D
 Acq: 16 Aug 2024 19:39

Instrument :
 BNA_N
 ClientSampleId :
 923-K1-WP0-0.25-080124

Tgt Ion:202 Resp: 1745
 Ion Ratio Lower Upper
 202 100
 200 26.0 16.7 25.1
 203 25.7 14.2 21.4

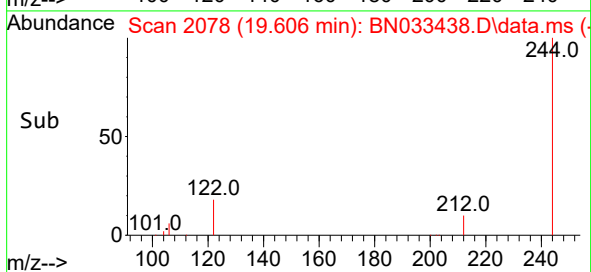
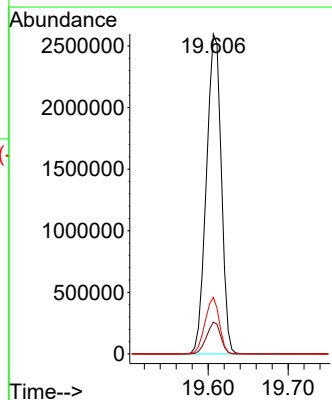
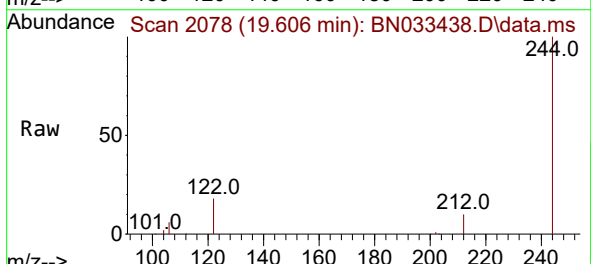
Manual Integrations
 APPROVED

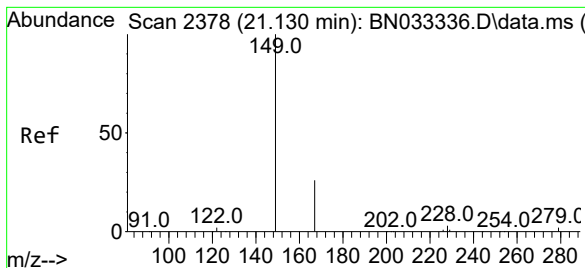
Reviewed By :Yogesh Patel 08/17/2024
 Supervised By :mohammad ahmed 08/21/2024



#31
 Terphenyl-d14
 Concen: 82.766 ng
 RT: 19.606 min Scan# 2078
 Delta R.T. -0.000 min
 Lab File: BN033438.D
 Acq: 16 Aug 2024 19:39

Tgt Ion:244 Resp: 3353075
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.7 11.5
 122 17.7 14.0 21.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.095 ng

RT: 21.103 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033438.D

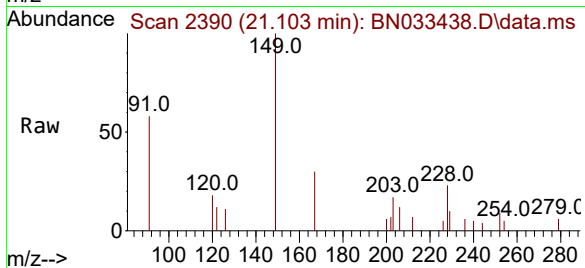
Acq: 16 Aug 2024 19:39

Instrument :

BNA_N

ClientSampleId :

923-K1-WP0-0.25-080124



Tgt Ion:149 Resp: 346

Ion Ratio Lower Upper

149 100

167 25.9 20.9 31.3

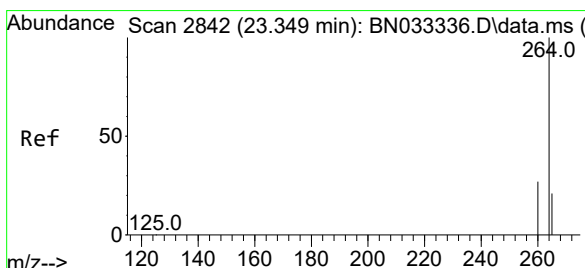
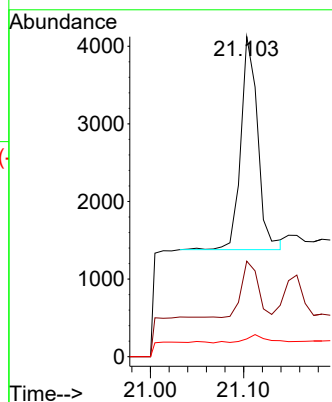
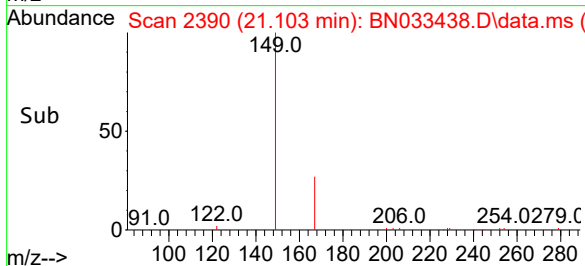
279 5.3 2.2 3.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2024

Supervised By :mohammad ahmed 08/21/2024



#35

Perylene-d12

Concen: 20.000 ng

RT: 23.332 min Scan# 2851

Delta R.T. -0.000 min

Lab File: BN033438.D

Acq: 16 Aug 2024 19:39

Tgt Ion:264 Resp: 1141348

Ion Ratio Lower Upper

264 100

260 26.3 21.6 32.4

265 22.4 29.3 43.9#

