

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033437.D
 Acq On : 16 Aug 2024 19:03
 Operator : MA/JU
 Sample : P3450-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 921-J-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 23:42:22 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	7.567	152	375592	20.000	ng	0.00
7) Naphthalene-d8	10.325	136	1042722	20.000	ng	#-0.01
13) Acenaphthene-d10	14.199	164	557748	20.000	ng	0.00
19) Phenanthrene-d10	16.954	188	1059065	20.000	ng	# 0.00
29) Chrysene-d12	21.157	240	816194	20.000	ng	# 0.00
35) Perylene-d12	23.329	264	880100	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	1216749	58.644	ng	0.00
5) Phenol-d6	6.750	99	937335	33.447	ng	0.00
8) Nitrobenzene-d5	8.702	82	1762521	112.055	ng	0.00
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	15.700	330	934019	163.201	ng	0.00
15) 2-Fluorobiphenyl	12.820	172	3698348	80.879	ng	0.00
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.607	244	2969119	96.277	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.263	154	1454	0.041	ng	89
18) Fluorene	15.258	166	3813	0.081	ng	# 48
25) Phenanthrene	16.991	178	4386m	0.072	ng	
28) Fluoranthene	19.017	202	2713	0.036	ng	98
30) Pyrene	19.384	202	1923	0.030	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.103	149	4013	0.145	ng	# 96

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

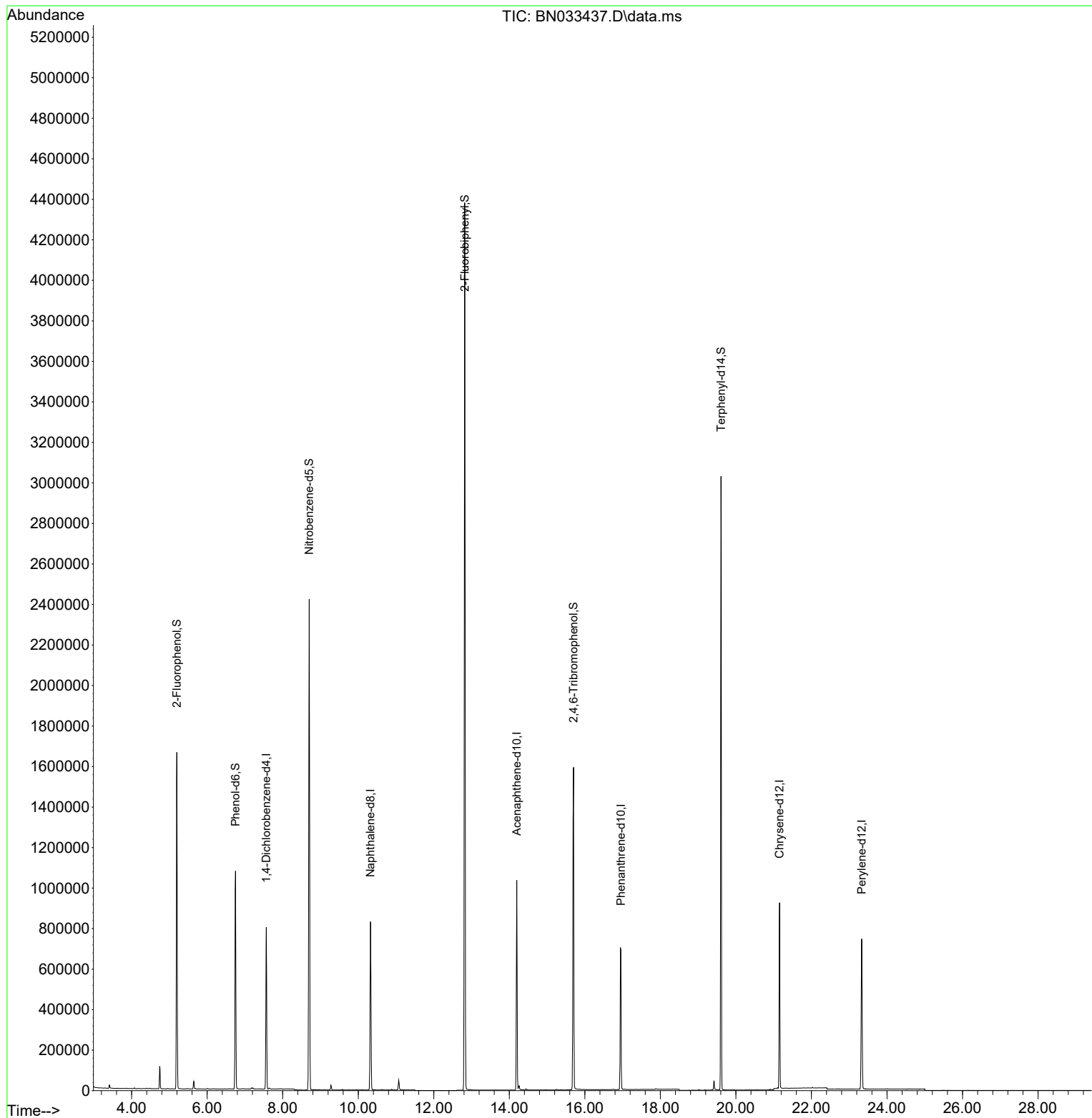
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033437.D
Acq On : 16 Aug 2024 19:03
Operator : MA/JU
Sample : P3450-01
Misc :
ALS Vial : 11 Sample Multiplier: 50

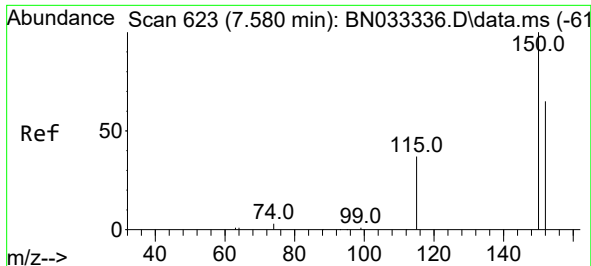
Instrument :
BNA_N
ClientSampleId :
921-J-WP0-0.25-080124

Quant Time: Aug 16 23:42:22 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

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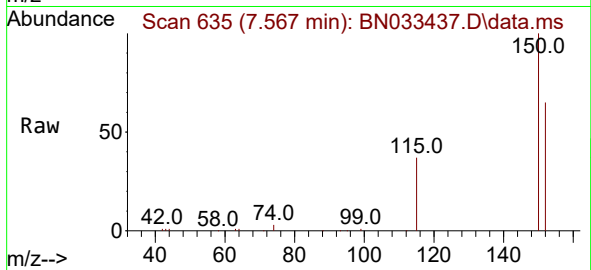
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.567 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033437.D
Acq: 16 Aug 2024 19:03

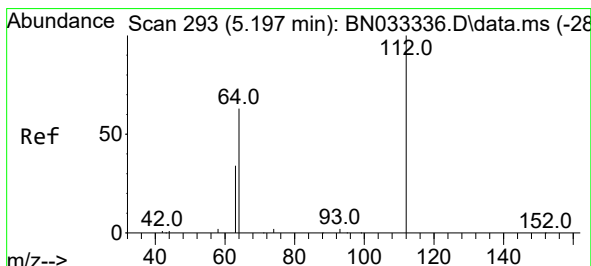
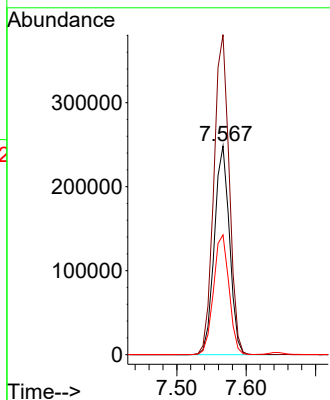
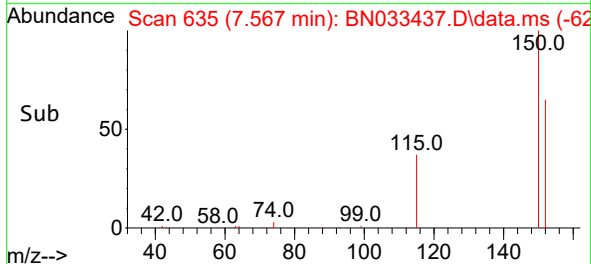
Instrument :
BNA_N
ClientSampleId :
921-J-WP0-0.25-080124



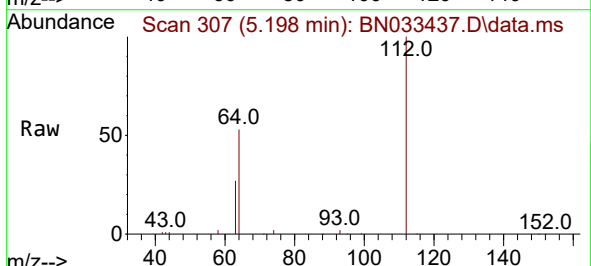
Tgt Ion:152 Resp: 375592
Ion Ratio Lower Upper
152 100
150 153.4 122.3 183.5
115 57.4 48.8 73.2

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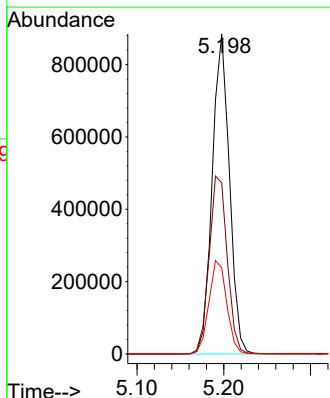
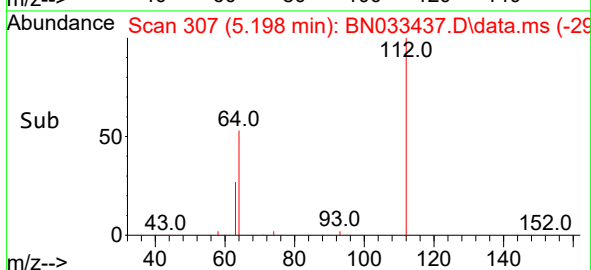
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024

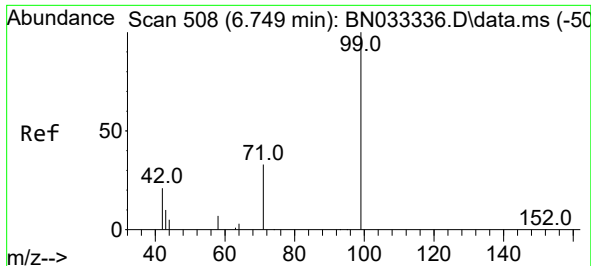


#4
2-Fluorophenol
Concen: 58.644 ng
RT: 5.198 min Scan# 307
Delta R.T. -0.000 min
Lab File: BN033437.D
Acq: 16 Aug 2024 19:03



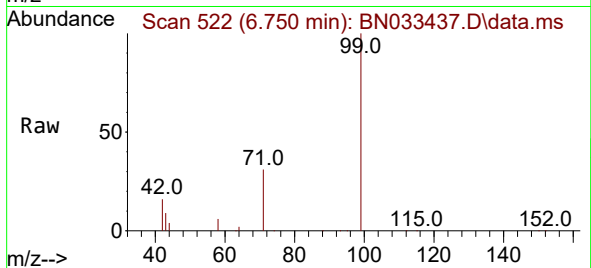
Tgt Ion:112 Resp: 1216749
Ion Ratio Lower Upper
112 100
64 58.8 48.1 72.1
63 30.4 25.4 38.2





#5
Phenol-d6
Concen: 33.447 ng
RT: 6.750 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN033437.D
Acq: 16 Aug 2024 19:03

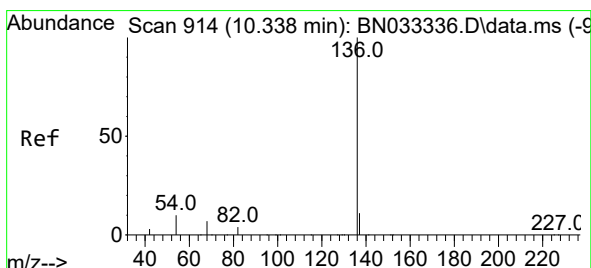
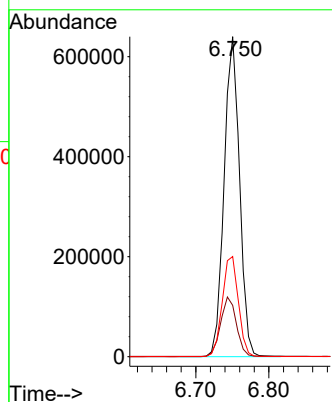
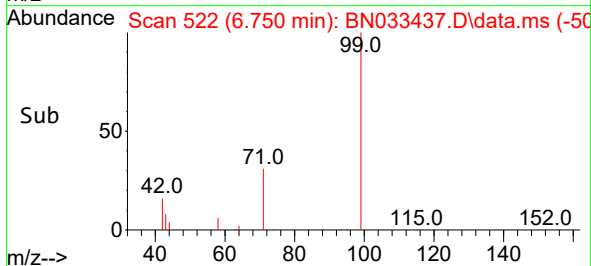
Instrument :
BNA_N
ClientSampleId :
921-J-WP0-0.25-080124



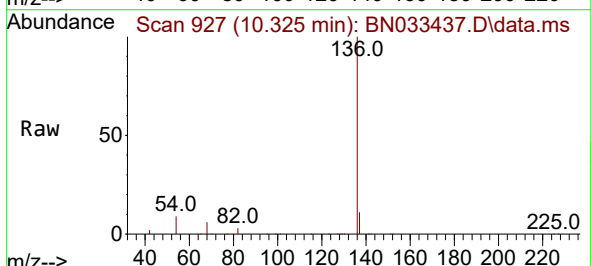
Tgt Ion: 99 Resp: 937335
Ion Ratio Lower Upper
99 100
42 18.9 18.5 27.7
71 32.6 26.2 39.2

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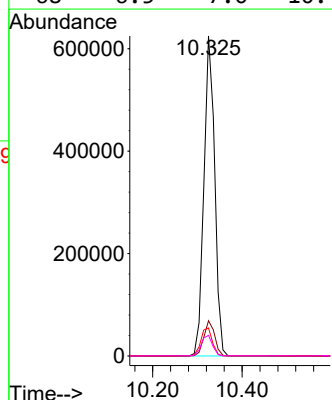
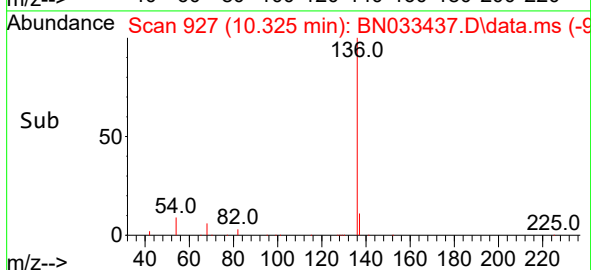
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024

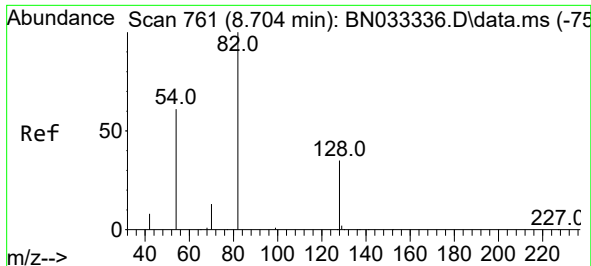


#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033437.D
Acq: 16 Aug 2024 19:03



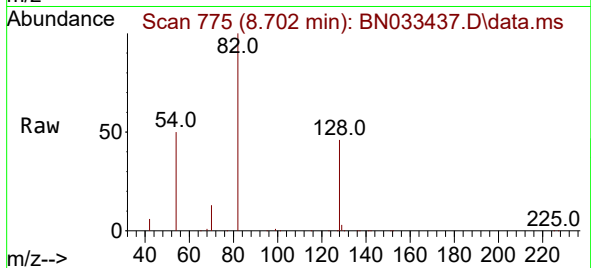
Tgt Ion:136 Resp: 1042722
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.8 9.4 14.0#
68 6.5 7.0 10.4#





#8
Nitrobenzene-d5
Concen: 112.055 ng
RT: 8.702 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN033437.D
Acq: 16 Aug 2024 19:03

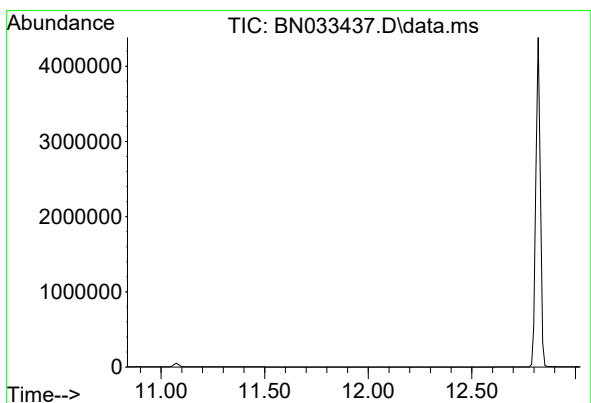
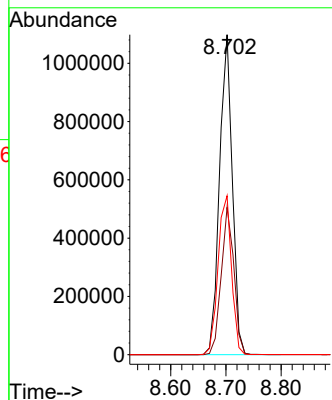
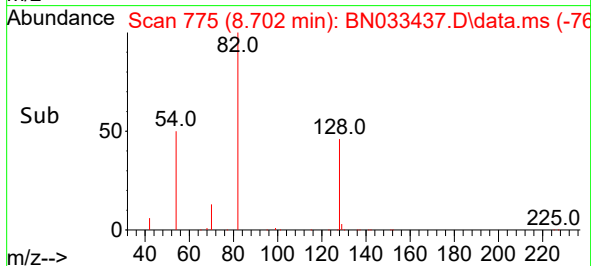
Instrument :
BNA_N
ClientSampleId :
921-J-WP0-0.25-080124



Tgt Ion: 82 Resp: 176252
Ion Ratio Lower Upper
82 100
128 46.1 29.0 43.4
54 49.6 50.2 75.4

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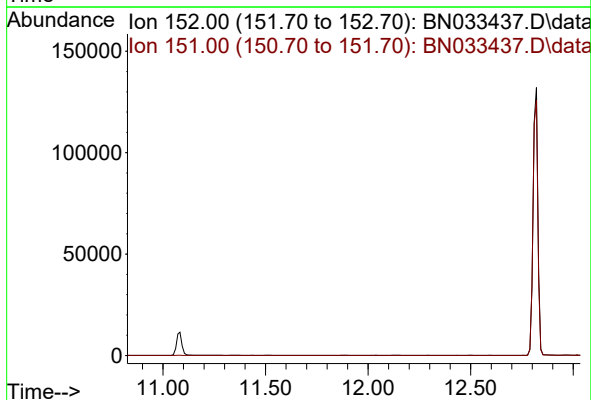
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024

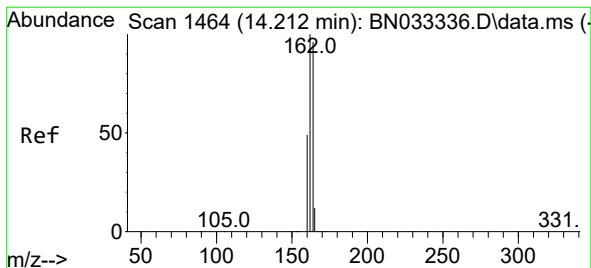


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
Expected RT: 11.93 min

Lab File: BN033437.D
Acq: 16 Aug 2024 19:03

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: BN033437.D

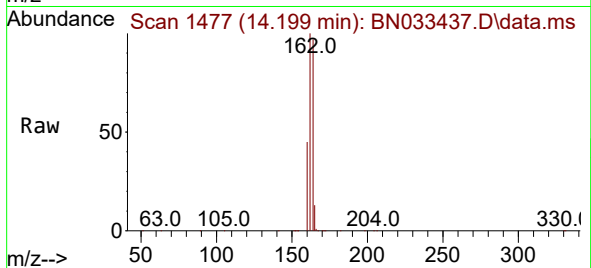
Acq: 16 Aug 2024 19:03

Instrument :

BNA_N

ClientSampleId :

921-J-WP0-0.25-080124



Tgt Ion:164 Resp: 55774

Ion Ratio Lower Upper

164 100

162 102.7 83.1 124.7

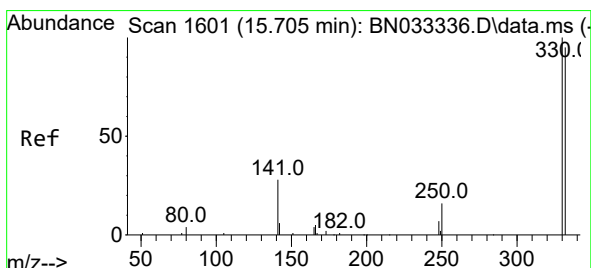
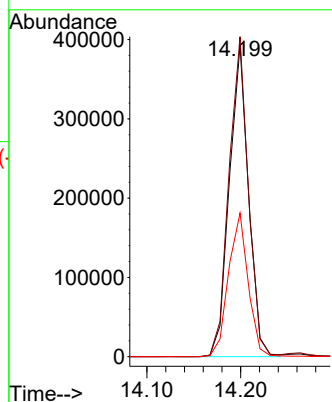
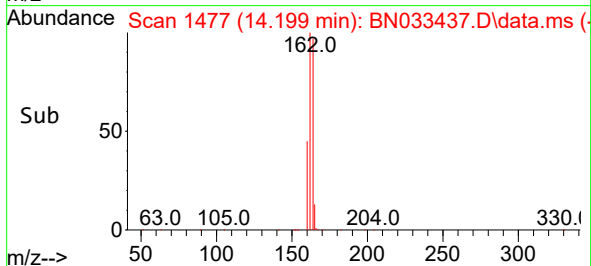
160 46.1 41.1 61.7

Manual Integrations

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Supervised By :mohammad ahmed 08/21/2024



#14

2,4,6-Tribromophenol

Concen: 163.201 ng

RT: 15.700 min Scan# 1615

Delta R.T. -0.000 min

Lab File: BN033437.D

Acq: 16 Aug 2024 19:03

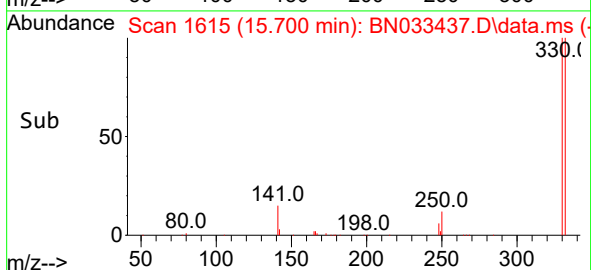
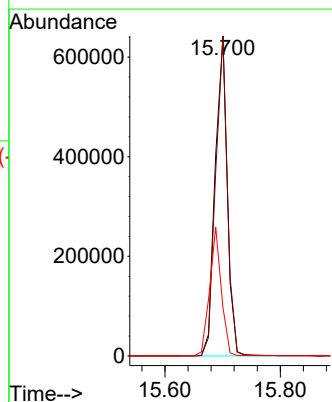
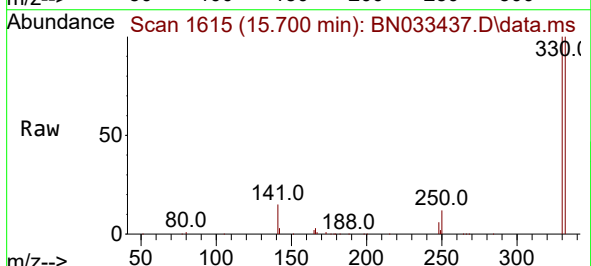
Tgt Ion:330 Resp: 934019

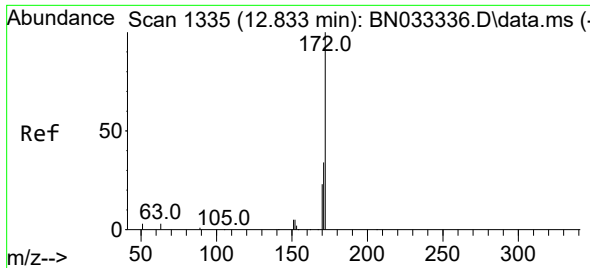
Ion Ratio Lower Upper

330 100

332 97.6 77.1 115.7

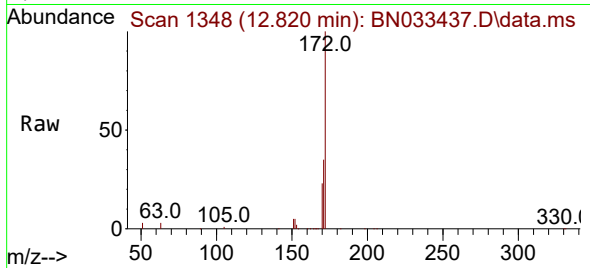
141 38.9 33.4 50.0





#15
2-Fluorobiphenyl
Concen: 80.879 ng
RT: 12.820 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033437.D
Acq: 16 Aug 2024 19:03

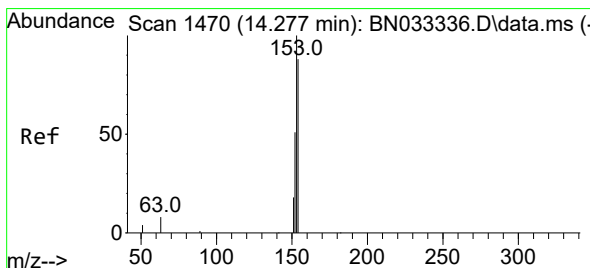
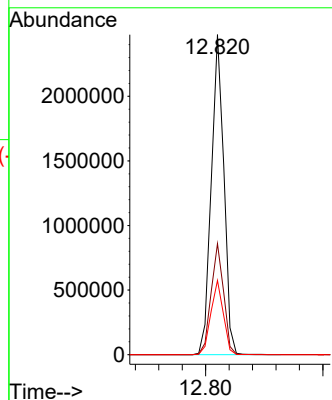
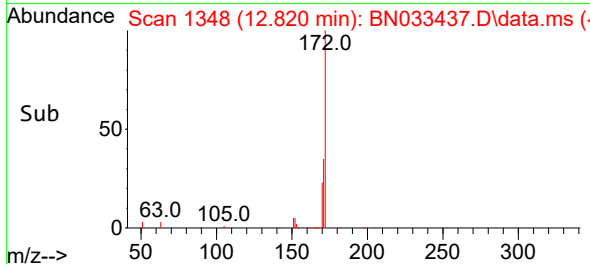
Instrument :
BNA_N
ClientSampleId :
921-J-WP0-0.25-080124



Tgt Ion:172 Resp: 369834
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.2 18.7 28.1

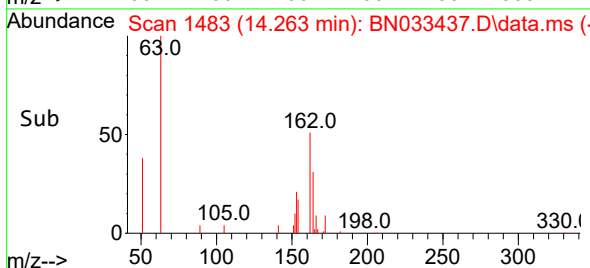
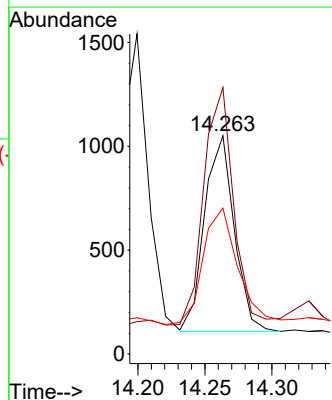
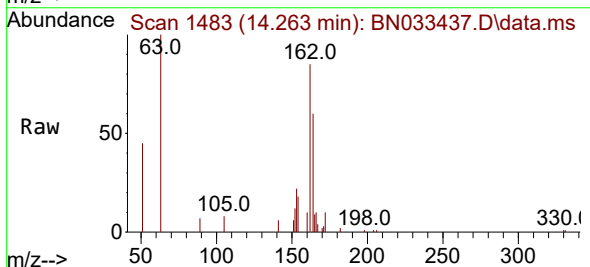
Manual Integrations
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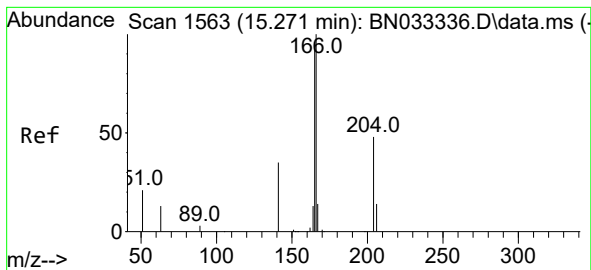
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024



#17
Acenaphthene
Concen: 0.041 ng
RT: 14.263 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BN033437.D
Acq: 16 Aug 2024 19:03

Tgt Ion:154 Resp: 1454
Ion Ratio Lower Upper
154 100
153 122.3 89.7 134.5
152 70.0 47.2 70.8





#18

Fluorene

Concen: 0.081 ng

RT: 15.258 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BN033437.D

Acq: 16 Aug 2024 19:03

Instrument :

BNA_N

ClientSampleId :

921-J-WP0-0.25-080124

Tgt Ion:166 Resp: 381

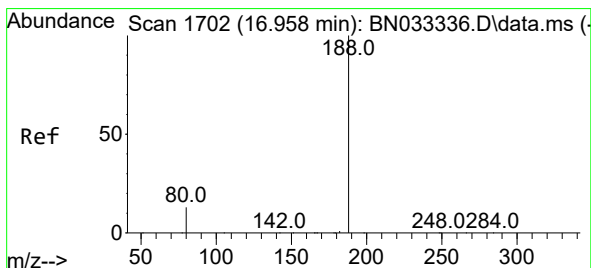
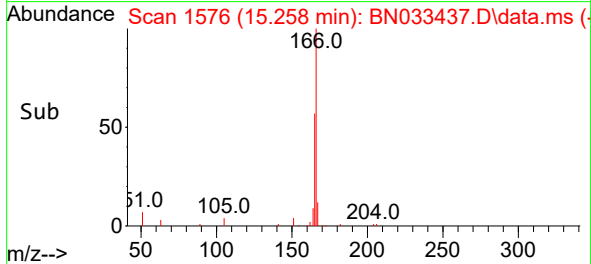
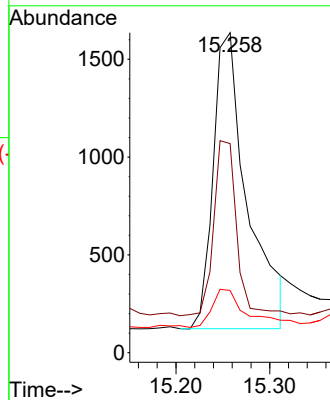
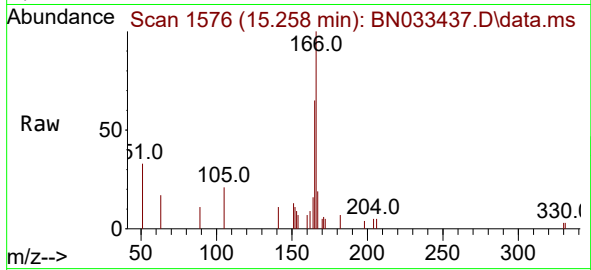
Ion	Ratio	Lower	Upper
166	100		
165	39.3	78.0	117.0
167	12.9	10.7	16.1

Manual Integrations

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Supervised By :mohammad ahmed 08/21/2024



#19

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.954 min Scan# 1716

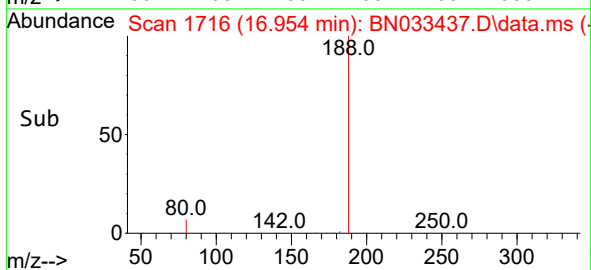
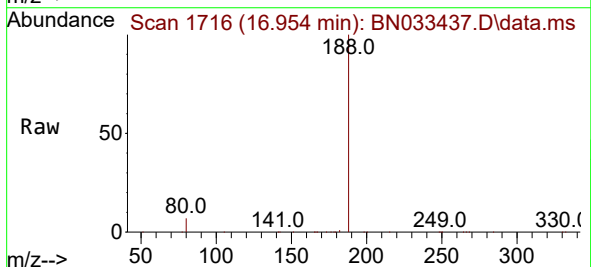
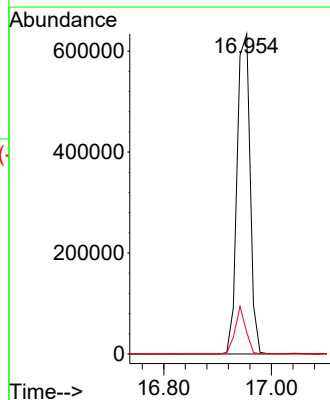
Delta R.T. -0.000 min

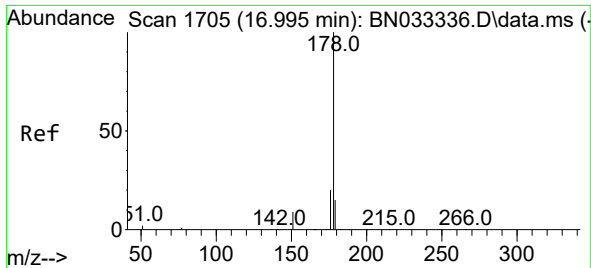
Lab File: BN033437.D

Acq: 16 Aug 2024 19:03

Tgt Ion:188 Resp: 1059065

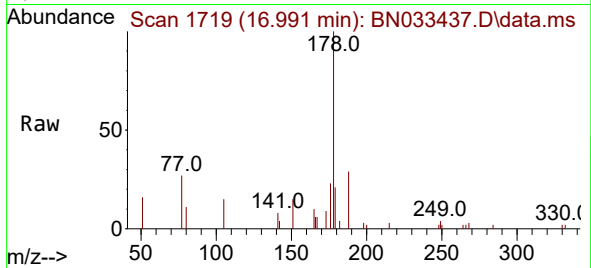
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	10.7	16.1





#25
Phenanthrene
Concen: 0.072 ng m
RT: 16.991 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033437.D
Acq: 16 Aug 2024 19:03

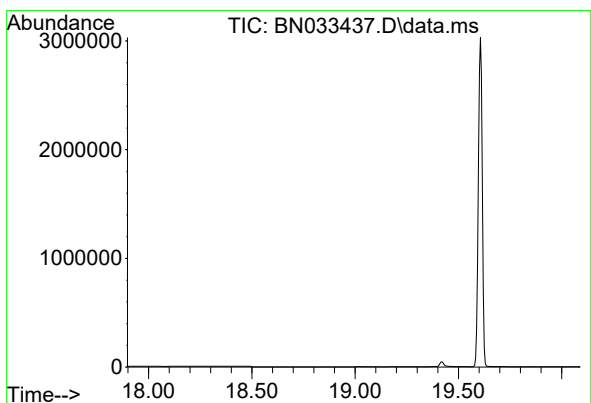
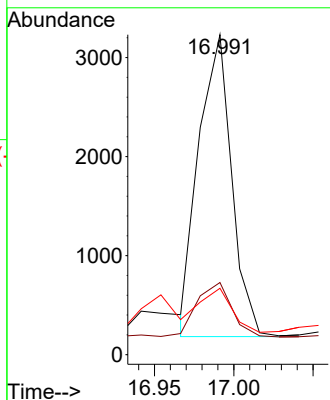
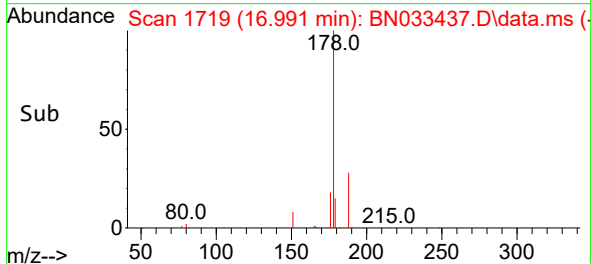
Instrument :
BNA_N
ClientSampleId :
921-J-WP0-0.25-080124



Tgt Ion:178 Resp: 4380
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 14.1 12.2 18.2

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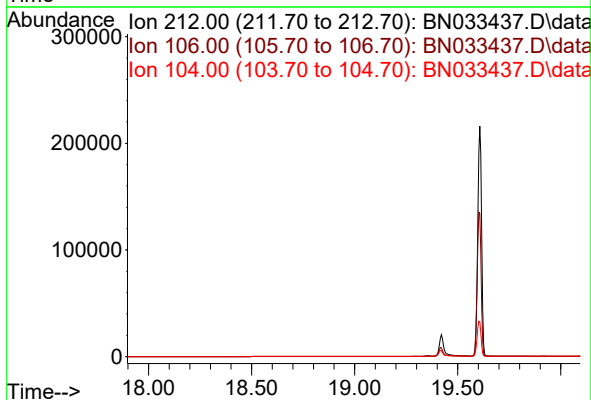
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024

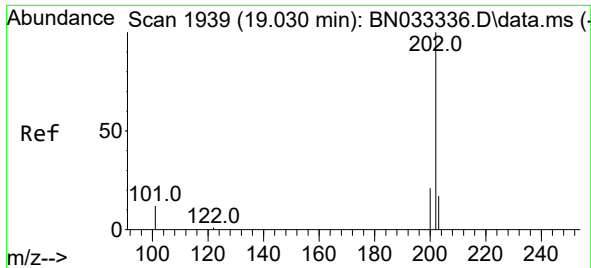


#27
Fluoranthene-d10
Concen: 0.000 ng
Expected RT: 18.99 min

Lab File: BN033437.D
Acq: 16 Aug 2024 19:03

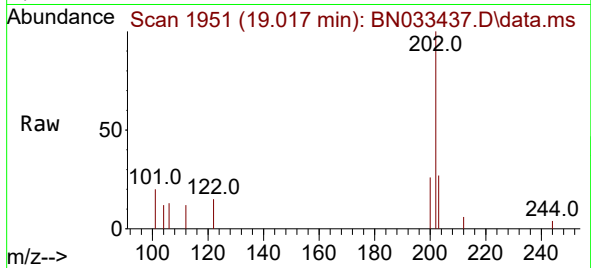
Tgt Ion: 212
Sig Exp Ratio
212 100
106 16.0
104 8.9





#28
Fluoranthene
Concen: 0.036 ng
RT: 19.017 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BN033437.D
Acq: 16 Aug 2024 19:03

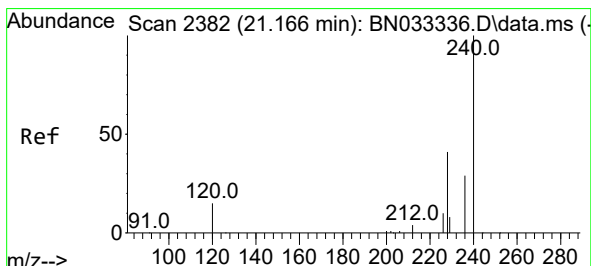
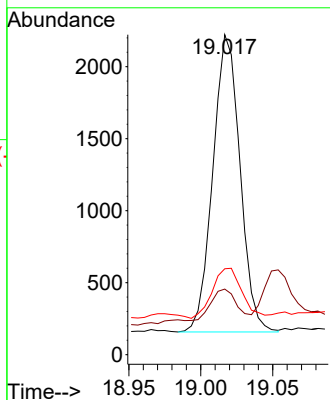
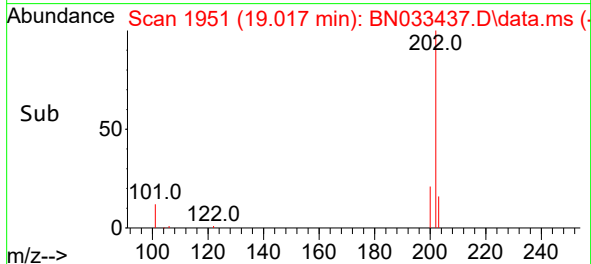
Instrument :
BNA_N
ClientSampleId :
921-J-WP0-0.25-080124



Tgt Ion:202 Resp: 2711
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.6
203 18.3 13.8 20.6

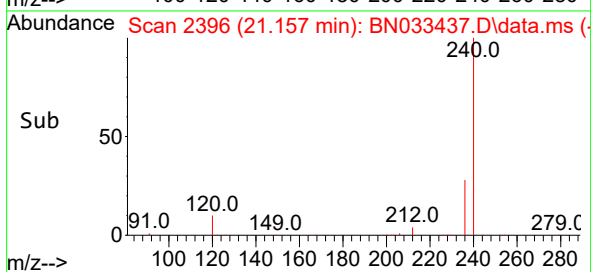
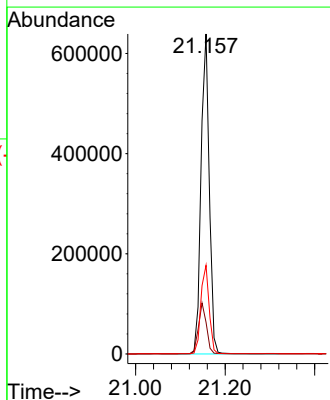
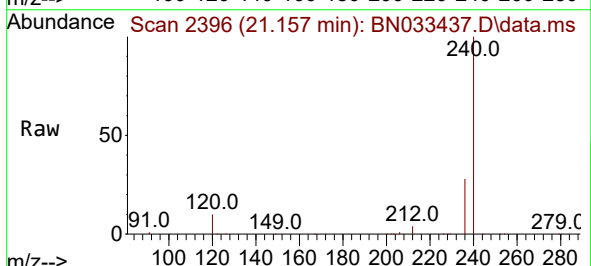
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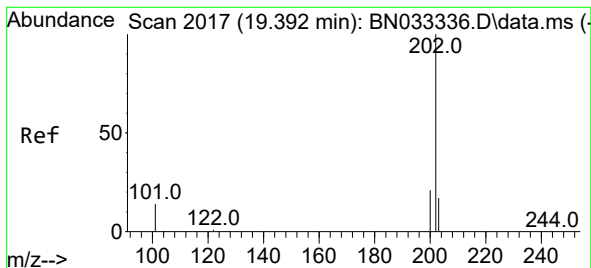
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024



#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.157 min Scan# 2396
Delta R.T. -0.000 min
Lab File: BN033437.D
Acq: 16 Aug 2024 19:03

Tgt Ion:240 Resp: 816194
Ion Ratio Lower Upper
240 100
120 9.9 13.0 19.6#
236 27.7 23.2 34.8





#30

Pyrene

Concen: 0.030 ng

RT: 19.384 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BN033437.D

Acq: 16 Aug 2024 19:03

Instrument :

BNA_N

ClientSampleId :

921-J-WP0-0.25-080124

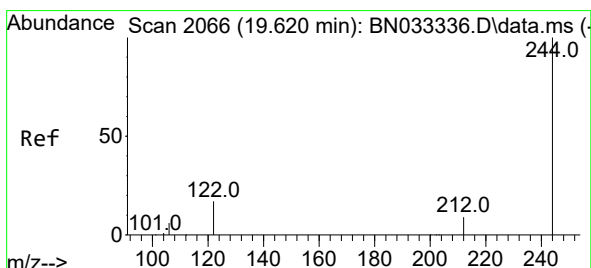
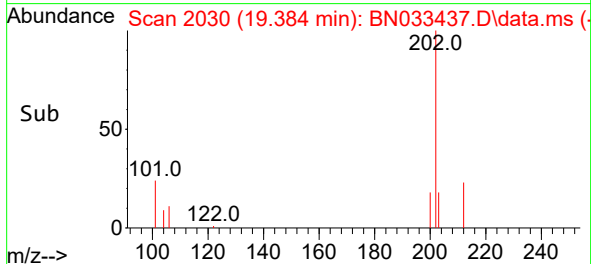
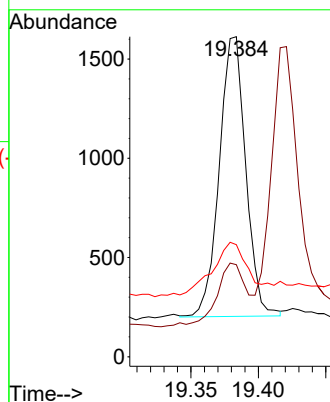
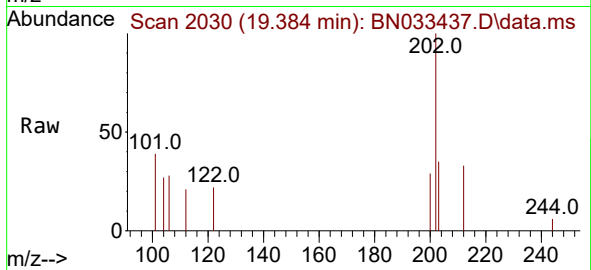
Tgt Ion:	202	Resp:	192
Ion Ratio	Lower	Upper	
202	100		
200	26.8	16.7	25.1
203	26.1	14.2	21.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/17/2024

Supervised By :mohammad ahmed 08/21/2024



#31

Terphenyl-d14

Concen: 96.277 ng

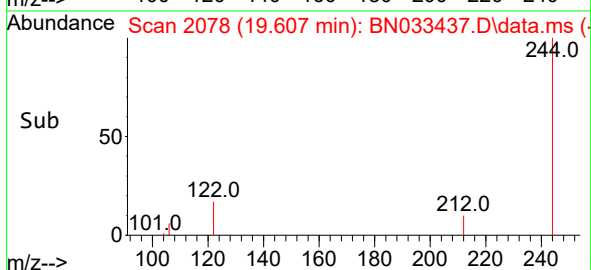
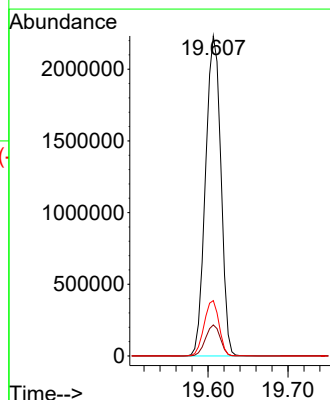
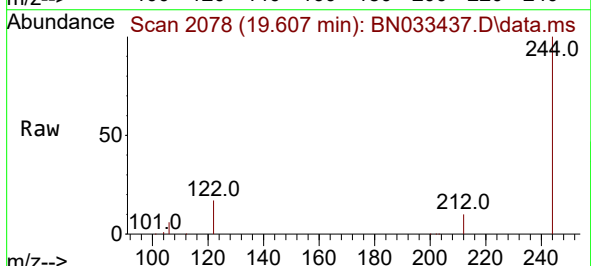
RT: 19.607 min Scan# 2078

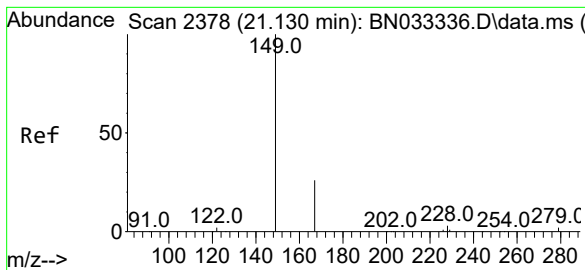
Delta R.T. -0.000 min

Lab File: BN033437.D

Acq: 16 Aug 2024 19:03

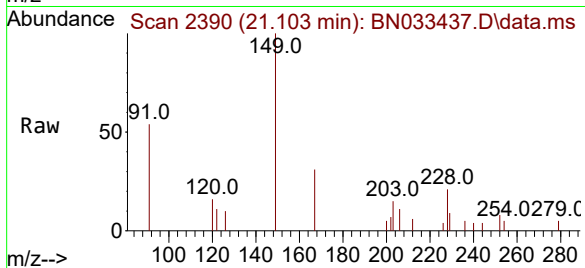
Tgt Ion:	244	Resp:	2969119
Ion Ratio	Lower	Upper	
244	100		
212	9.7	7.7	11.5
122	17.3	14.0	21.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.145 ng
RT: 21.103 min Scan# 2110
Delta R.T. -0.009 min
Lab File: BN033437.D
Acq: 16 Aug 2024 19:03

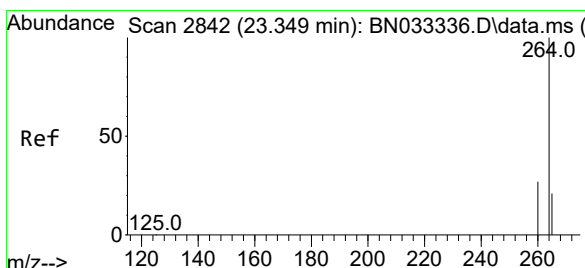
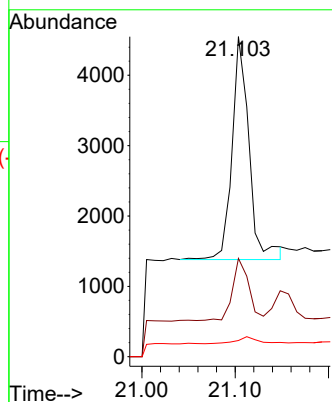
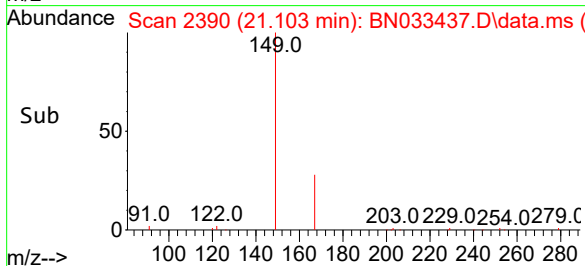
Instrument :
BNA_N
ClientSampleId :
921-J-WP0-0.25-080124



Tgt Ion:149 Resp: 401
Ion Ratio Lower Upper
149 100
167 28.1 20.9 31.3
279 4.2 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: 23.329 min Scan# 2850
Delta R.T. -0.003 min
Lab File: BN033437.D
Acq: 16 Aug 2024 19:03

Tgt Ion:264 Resp: 880100
Ion Ratio Lower Upper
264 100
260 26.1 21.6 32.4
265 21.7 29.3 43.9

