

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033439.D
 Acq On : 16 Aug 2024 20:15
 Operator : MA/JU
 Sample : P3450-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 922-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 23:43:23 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	377201	20.000	ng	0.00
7) Naphthalene-d8	10.325	136	1053574	20.000	ng	#-0.01
13) Acenaphthene-d10	14.199	164	591252	20.000	ng	0.00
19) Phenanthrene-d10	16.942	188	1171020	20.000	ng	-0.01
29) Chrysene-d12	21.157	240	958120	20.000	ng	# 0.00
35) Perylene-d12	23.329	264	1034032	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	1186318	56.934	ng	0.00
5) Phenol-d6	6.750	99	931088	33.082	ng	0.00
8) Nitrobenzene-d5	8.702	82	1644333	103.464	ng	0.00
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	15.700	330	976159	160.899	ng	0.00
15) 2-Fluorobiphenyl	12.820	172	3578406	73.822	ng	0.00
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.607	244	3229945	89.221	ng	0.00
Target Compounds						
18) Fluorene	15.247	166	1908	0.038	ng	# 47
25) Phenanthrene	16.991	178	2357m	0.035	ng	
26) Anthracene	17.078	178	1318	0.022	ng	95
28) Fluoranthene	19.021	202	3650	0.044	ng	98
30) Pyrene	19.379	202	2687	0.035	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.103	149	6232	0.192	ng	# 100
37) Benzo(b)fluoranthene	22.680	252	2295	0.029	ng	# 1

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

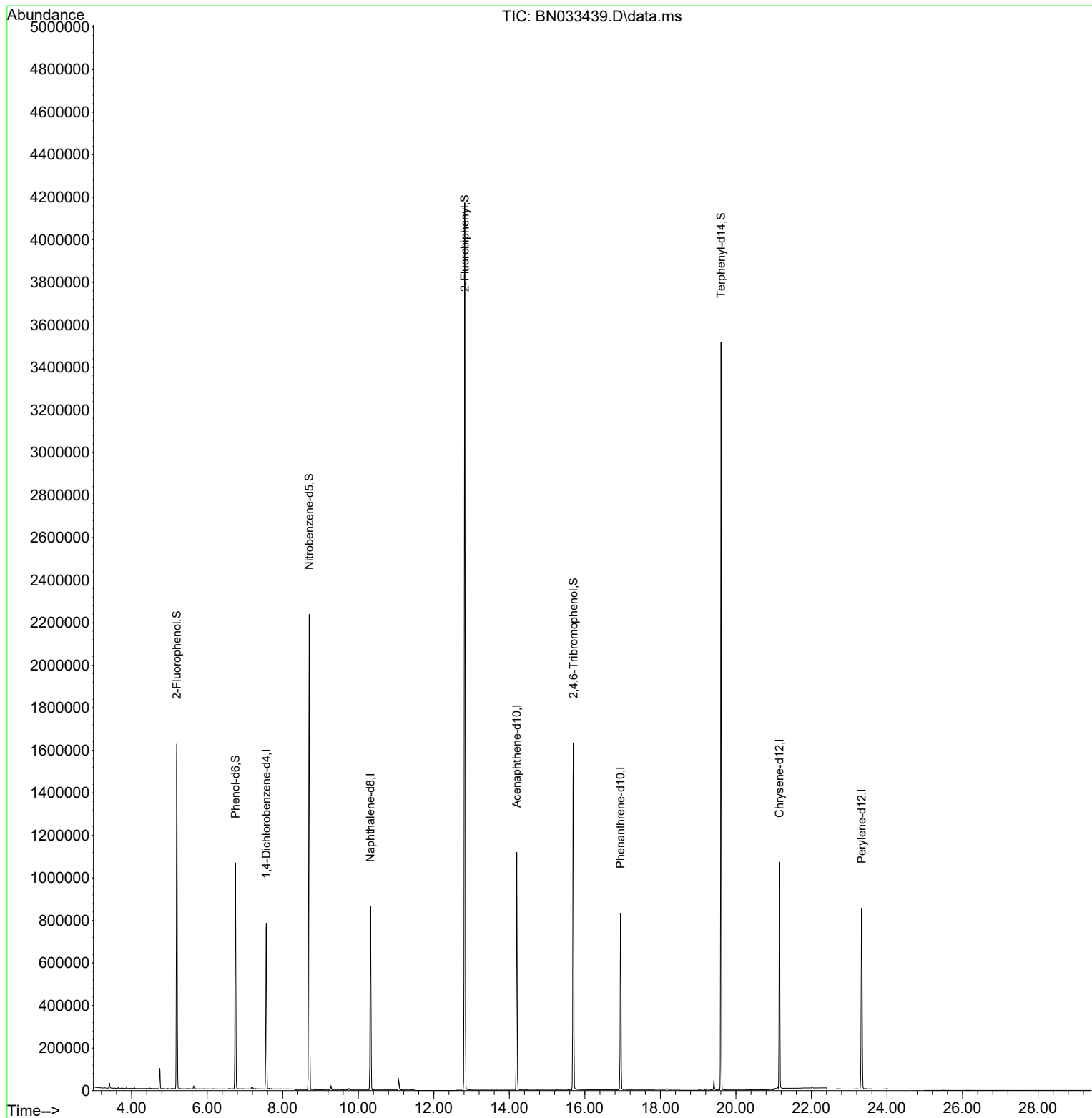
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033439.D
Acq On : 16 Aug 2024 20:15
Operator : MA/JU
Sample : P3450-03
Misc :
ALS Vial : 13 Sample Multiplier: 50

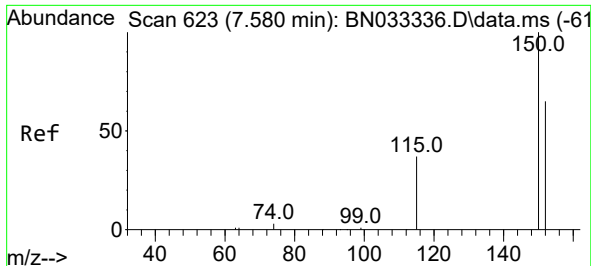
Instrument :
BNA_N
ClientSampleId :
922-K1-WP0-0.25-080124

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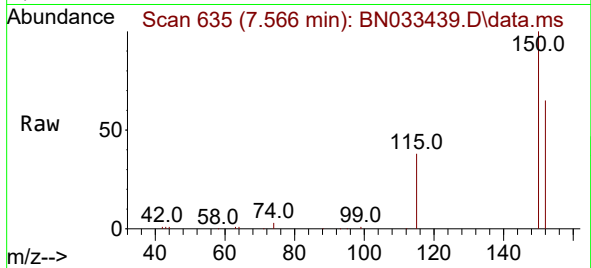
Quant Time: Aug 16 23:43:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.566 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

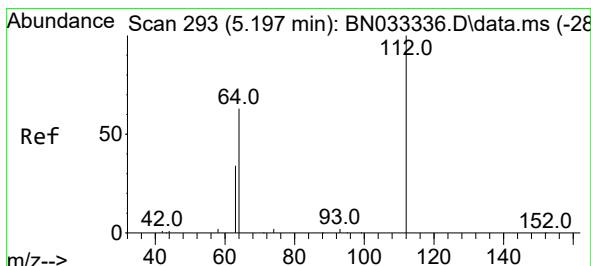
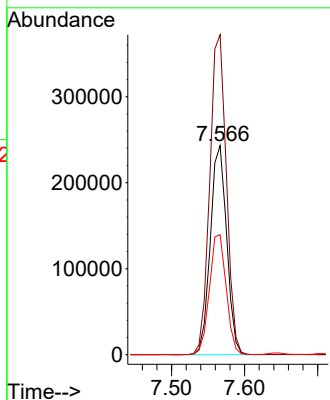
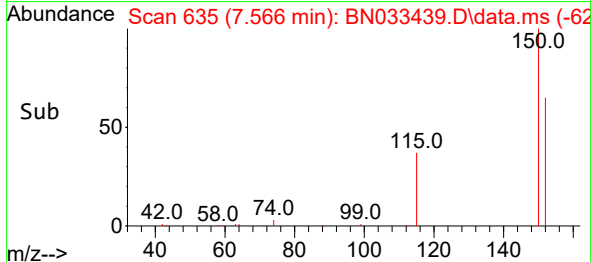
Instrument :
BNA_N
ClientSampleId :
922-K1-WP0-0.25-080124



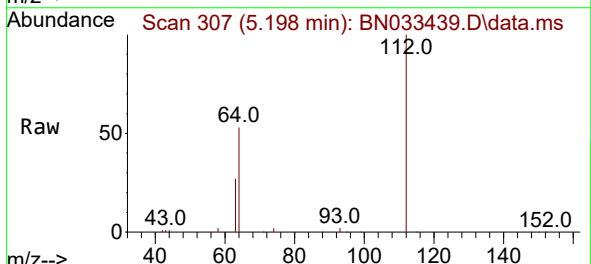
Tgt Ion:152 Resp: 37720
Ion Ratio Lower Upper
152 100
150 153.0 122.3 183.5
115 57.4 48.8 73.2

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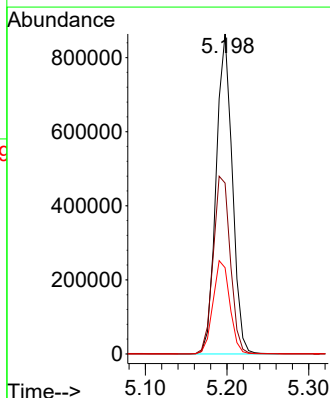
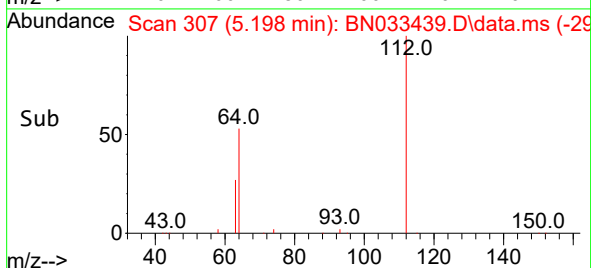
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024

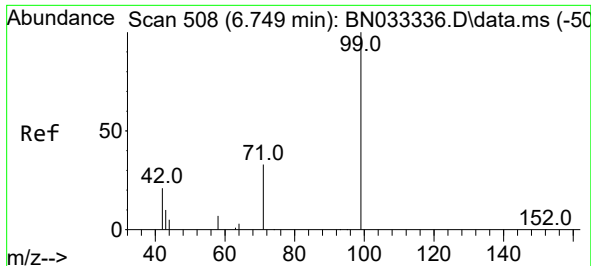


#4
2-Fluorophenol
Concen: 56.934 ng
RT: 5.198 min Scan# 307
Delta R.T. -0.000 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15



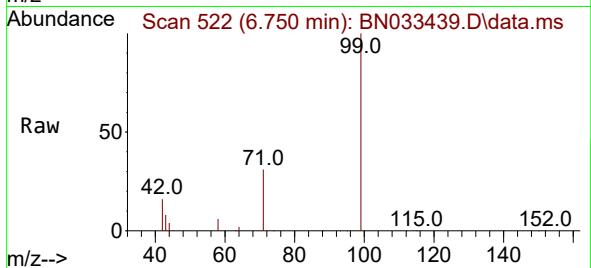
Tgt Ion:112 Resp: 1186318
Ion Ratio Lower Upper
112 100
64 58.6 48.1 72.1
63 30.3 25.4 38.2





#5
Phenol-d6
Concen: 33.082 ng
RT: 6.750 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

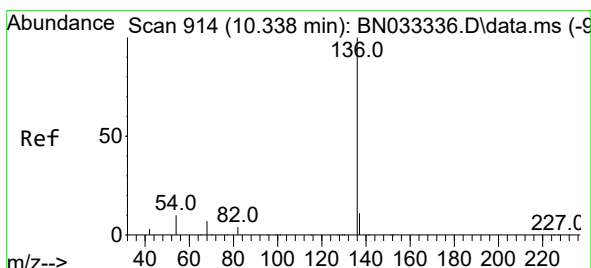
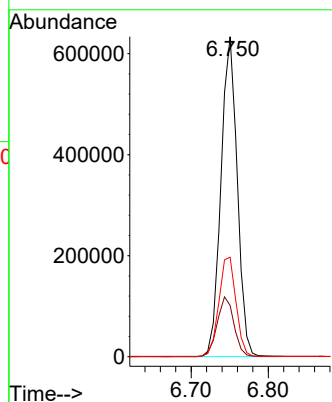
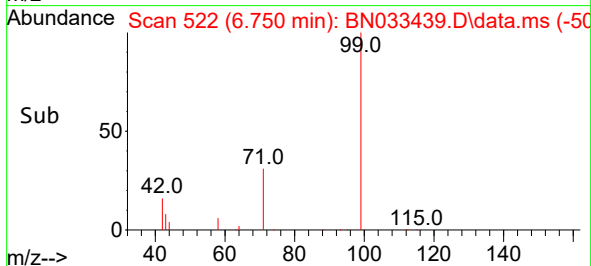
Instrument :
BNA_N
ClientSampleId :
922-K1-WP0-0.25-080124



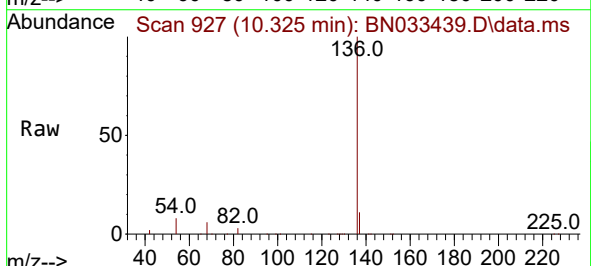
Tgt Ion: 99 Resp: 931088
Ion Ratio Lower Upper
99 100
42 18.9 18.5 27.7
71 32.6 26.2 39.2

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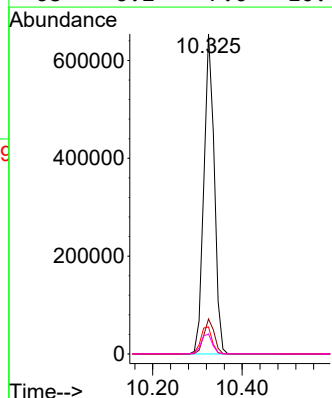
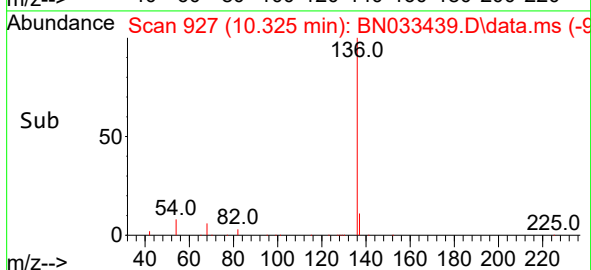
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024

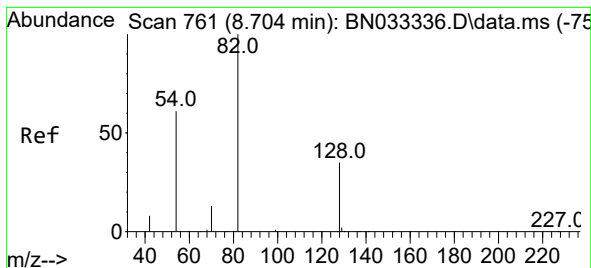


#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15



Tgt Ion:136 Resp: 1053574
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.4 9.4 14.0#
68 6.2 7.0 10.4#





#8

Nitrobenzene-d5

Concen: 103.464 ng

RT: 8.702 min Scan# 71

Delta R.T. -0.000 min

Lab File: BN033439.D

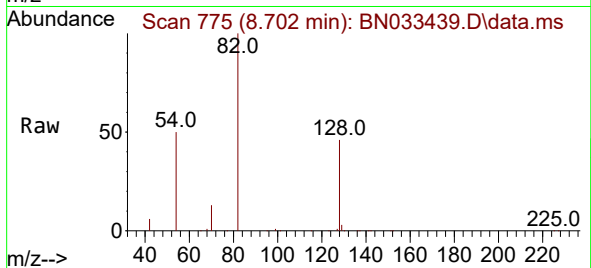
Acq: 16 Aug 2024 20:15

Instrument :

BNA_N

ClientSampleId :

922-K1-WP0-0.25-080124



Tgt Ion: 82 Resp: 164433

Ion Ratio Lower Upper

82 100

128 46.2 29.0 43.4

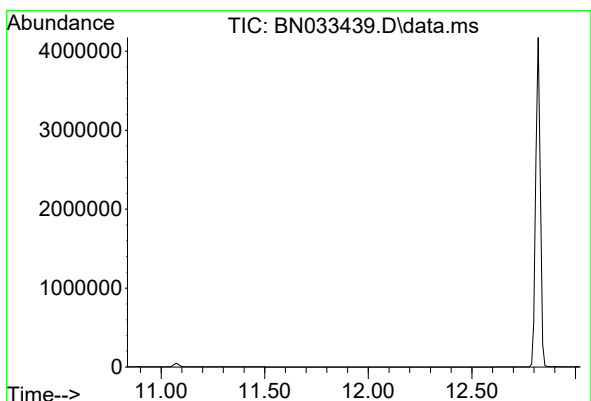
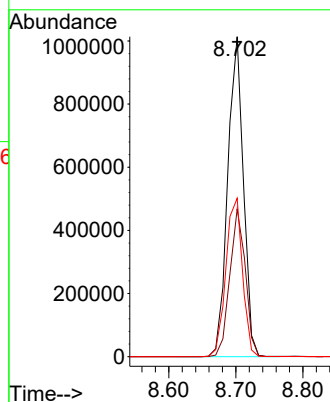
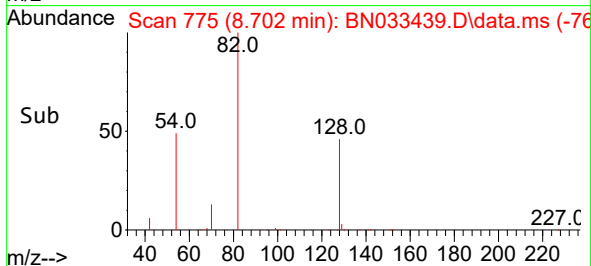
54 49.5 50.2 75.4

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#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

Expected RT: 11.93 min

Lab File: BN033439.D

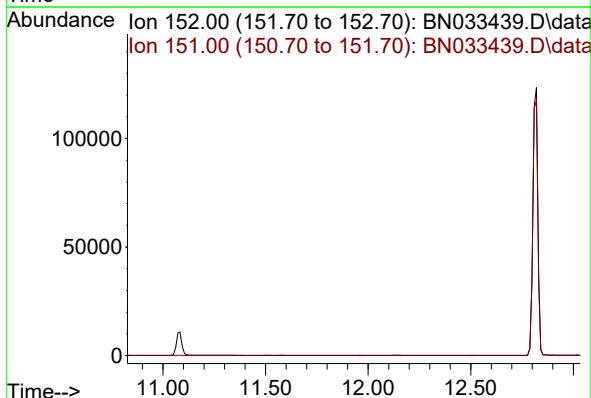
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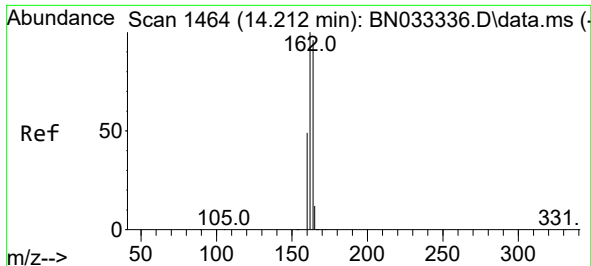
Tgt Ion: 152

Sig Exp Ratio

152 100

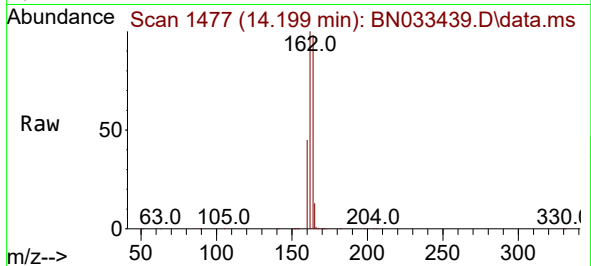
151 20.9





#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.199 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

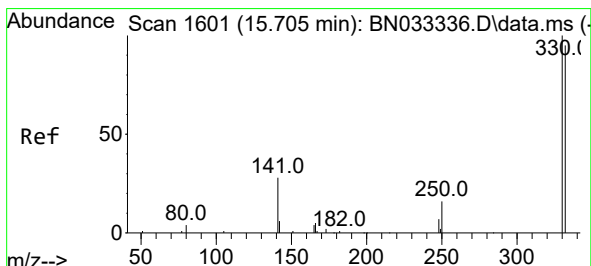
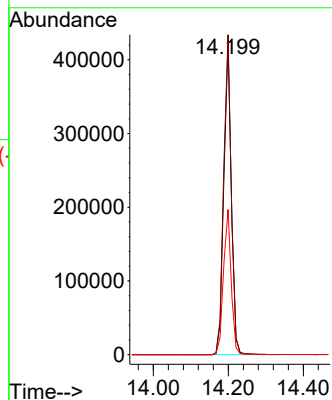
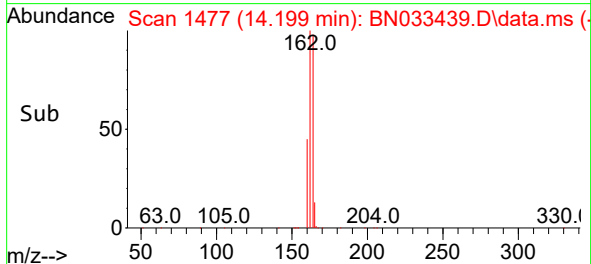
Instrument :
BNA_N
ClientSampleId :
922-K1-WP0-0.25-080124



Tgt Ion:164 Resp: 59125
Ion Ratio Lower Upper
164 100
162 102.2 83.1 124.7
160 46.4 41.1 61.7

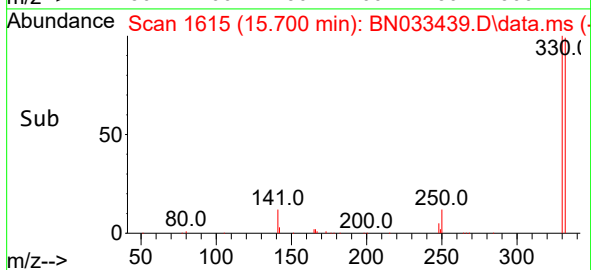
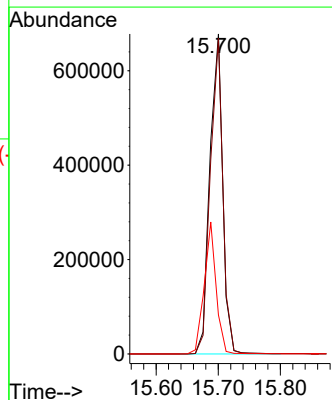
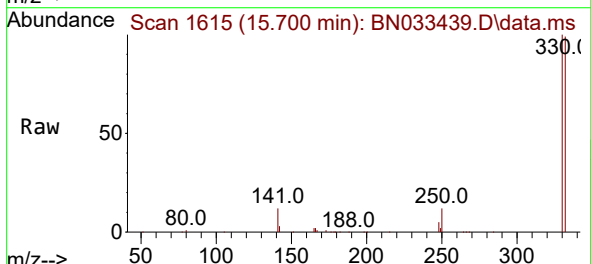
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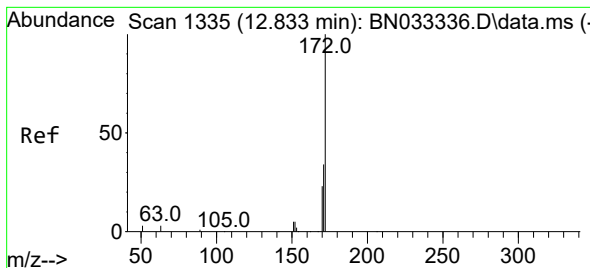
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024



#14
2,4,6-Tribromophenol
Concen: 160.899 ng
RT: 15.700 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

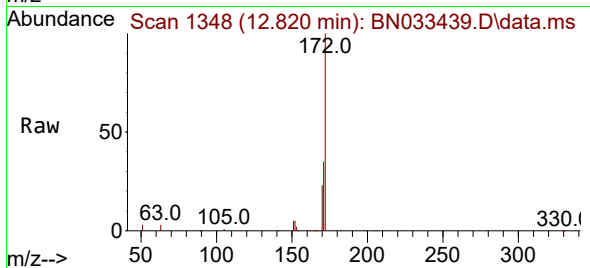
Tgt Ion:330 Resp: 976159
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 38.3 33.4 50.0





#15
2-Fluorobiphenyl
Concen: 73.822 ng
RT: 12.820 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

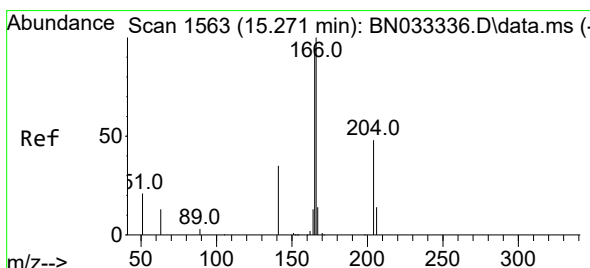
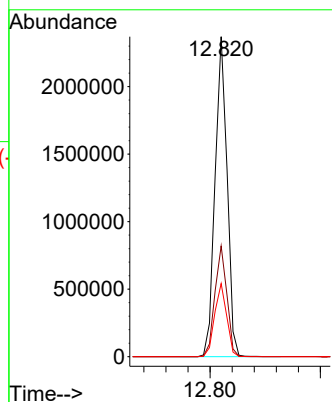
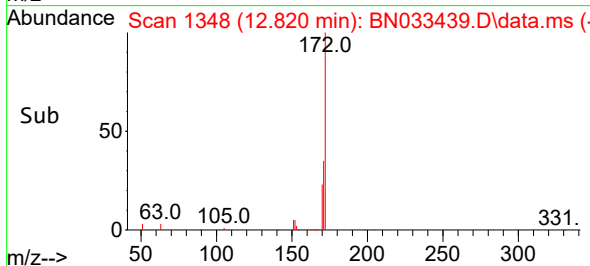
Instrument :
BNA_N
ClientSampleId :
922-K1-WP0-0.25-080124



Tgt Ion:172 Resp: 3578400
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 22.8 18.7 28.1

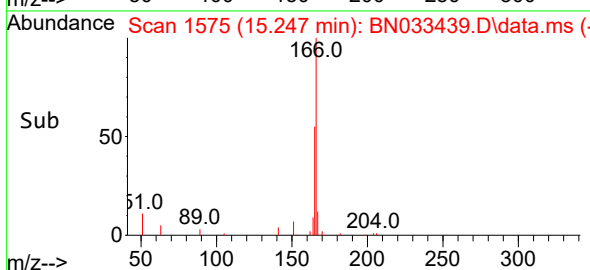
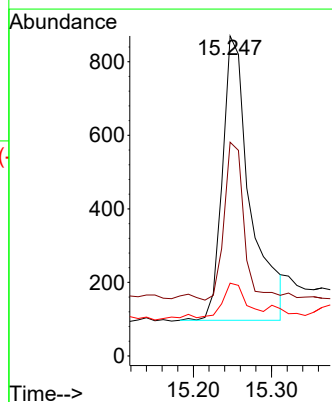
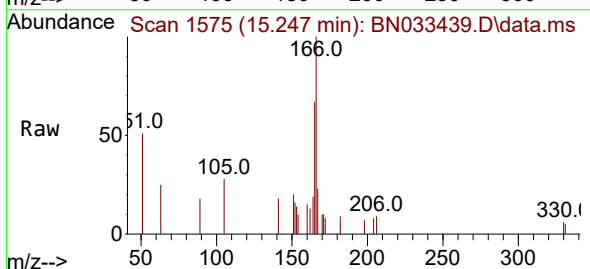
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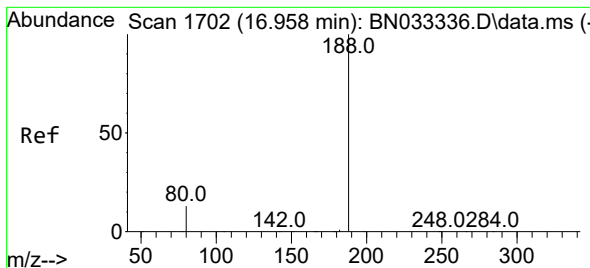
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024



#18
Fluorene
Concen: 0.038 ng
RT: 15.247 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

Tgt Ion:166 Resp: 1908
Ion Ratio Lower Upper
166 100
165 39.5 78.0 117.0#
167 10.3 10.7 16.1#





#19

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.942 min Scan# 11

Delta R.T. -0.013 min

Lab File: BN033439.D

Acq: 16 Aug 2024 20:15

Instrument :

BNA_N

ClientSampleId :

922-K1-WP0-0.25-080124

Tgt Ion:188 Resp: 1171020

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

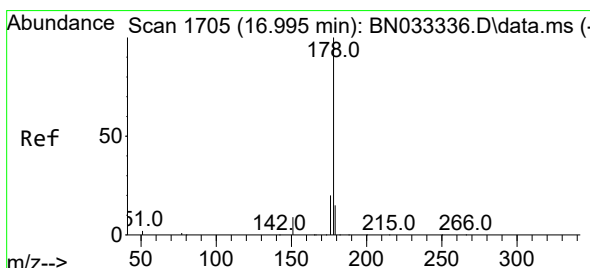
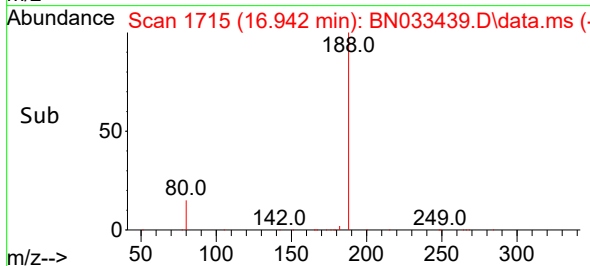
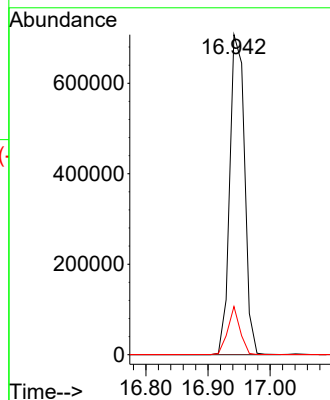
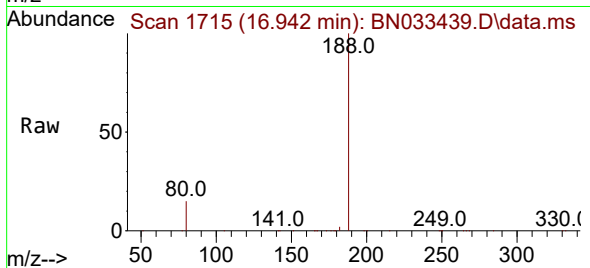
80 15.0 10.7 16.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/17/2024

Supervised By :mohammad ahmed 08/21/2024



#25

Phenanthrene

Concen: 0.035 ng m

RT: 16.991 min Scan# 1719

Delta R.T. -0.000 min

Lab File: BN033439.D

Acq: 16 Aug 2024 20:15

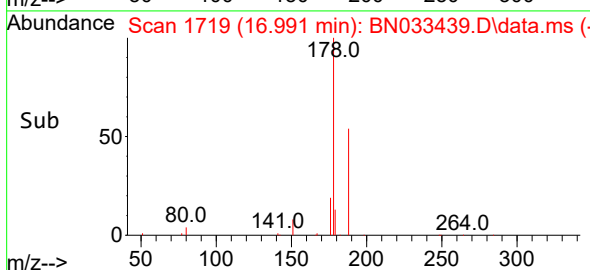
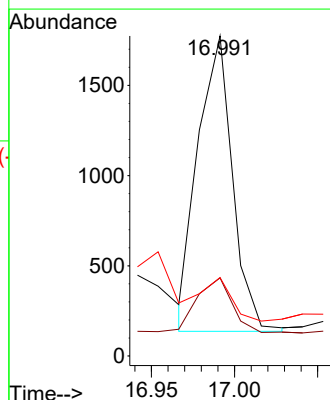
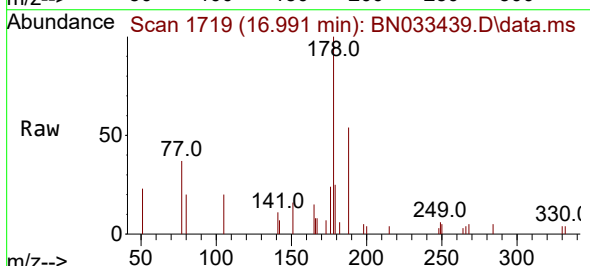
Tgt Ion:178 Resp: 2357

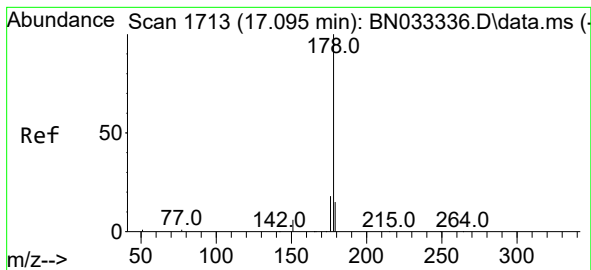
Ion Ratio Lower Upper

178 100

176 20.5 15.4 23.0

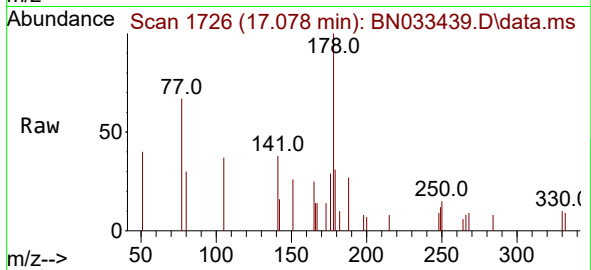
179 0.0 12.2 18.2#





#26
 Anthracene
 Concen: 0.022 ng
 RT: 17.078 min Scan# 1713
 Delta R.T. -0.000 min
 Lab File: BN033439.D
 Acq: 16 Aug 2024 20:15

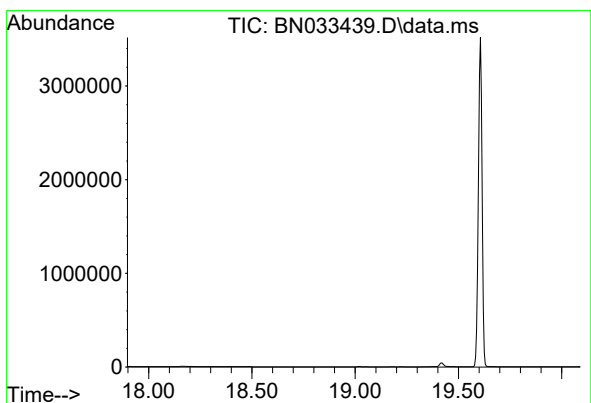
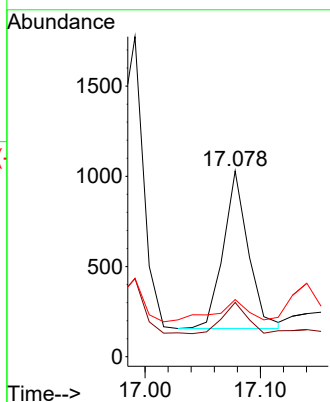
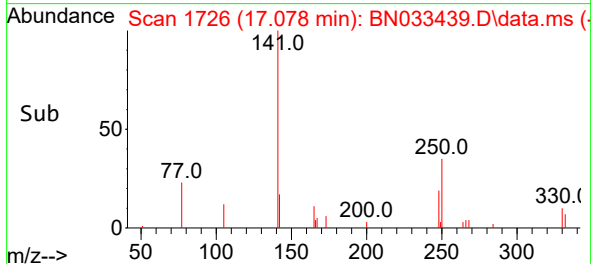
Instrument :
 BNA_N
 ClientSampleId :
 922-K1-WP0-0.25-080124



Tgt Ion: 178 Resp: 1318
 Ion Ratio Lower Upper
 178 100
 176 20.3 14.7 22.1
 179 18.1 12.2 18.2

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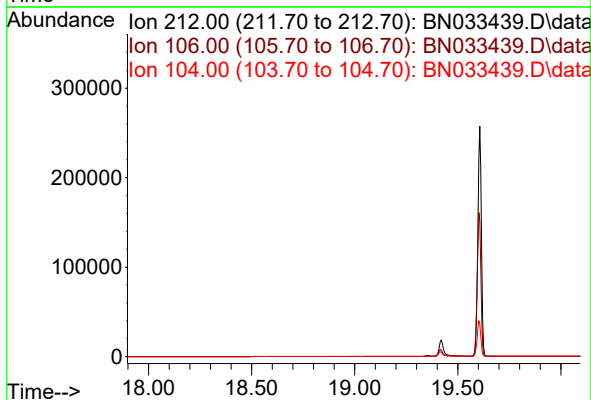
Reviewed By :Yogesh Patel 08/17/2024
 Supervised By :mohammad ahmed 08/21/2024

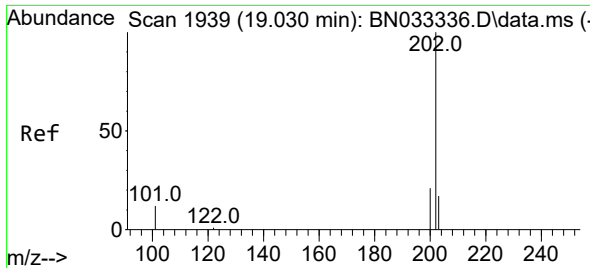


#27
 Fluoranthene-d10
 Concen: 0.000 ng
 Expected RT: 18.99 min

Lab File: BN033439.D
 Acq: 16 Aug 2024 20:15

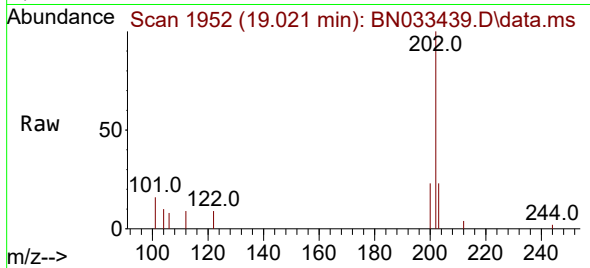
Tgt Ion: 212
 Sig Exp Ratio
 212 100
 106 16.0
 104 8.9





#28
Fluoranthene
Concen: 0.044 ng
RT: 19.021 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

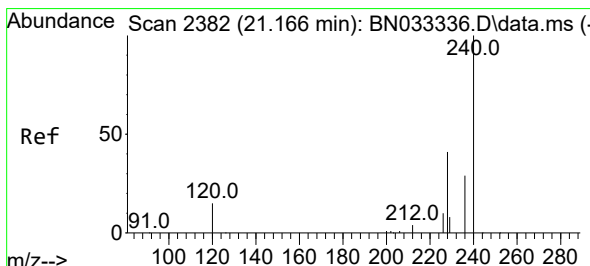
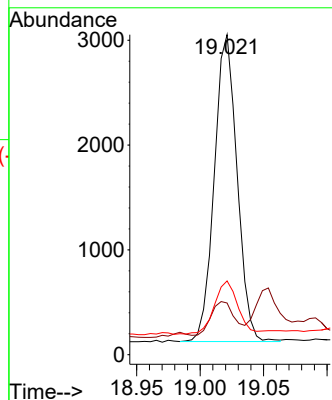
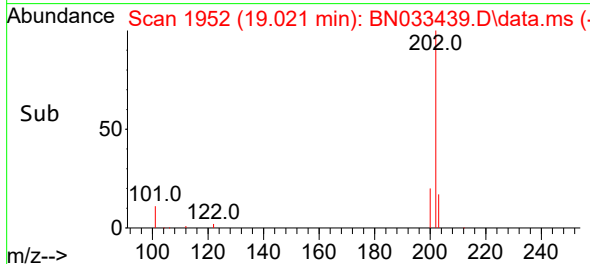
Instrument :
BNA_N
ClientSampleId :
922-K1-WP0-0.25-080124



Tgt Ion:202 Resp: 3650
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.6
203 17.8 13.8 20.6

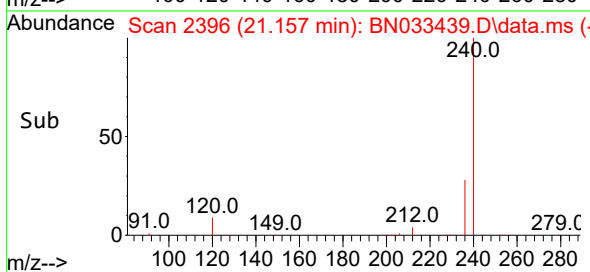
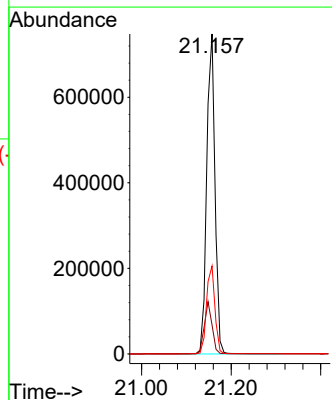
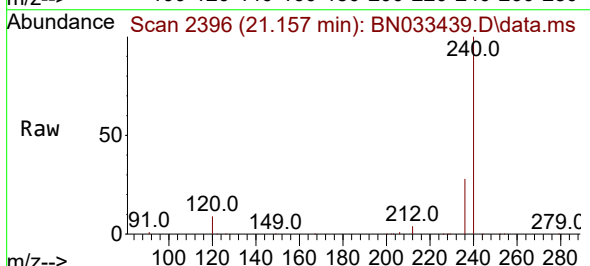
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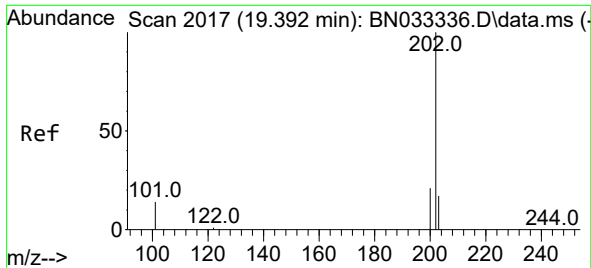
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024



#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.157 min Scan# 2396
Delta R.T. -0.000 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

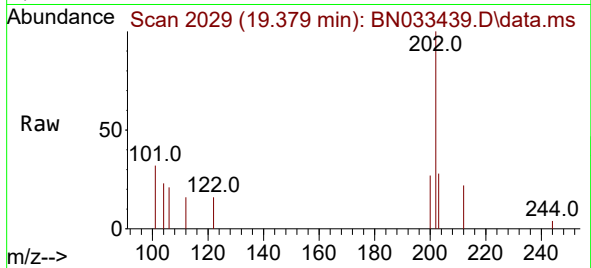
Tgt Ion:240 Resp: 958120
Ion Ratio Lower Upper
240 100
120 9.0 13.0 19.6#
236 27.5 23.2 34.8





#30
Pyrene
Concen: 0.035 ng
RT: 19.379 min Scan# 2017
Delta R.T. -0.005 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

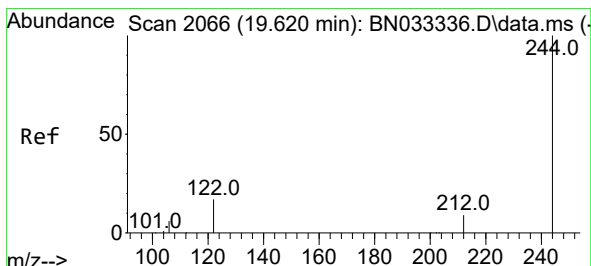
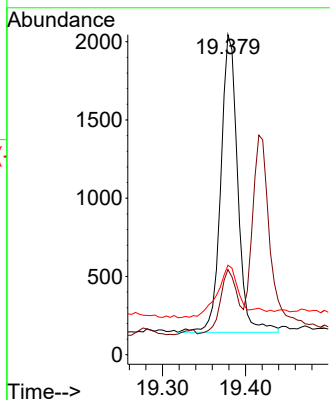
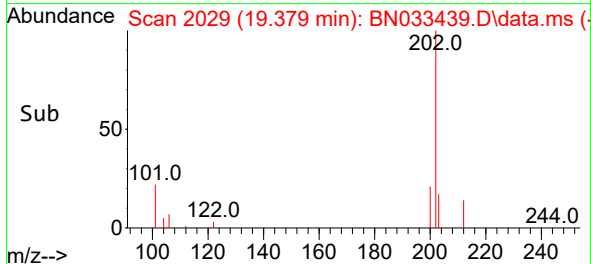
Instrument :
BNA_N
ClientSampleId :
922-K1-WP0-0.25-080124



Tgt Ion:202 Resp: 268
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 21.6 14.2 21.4

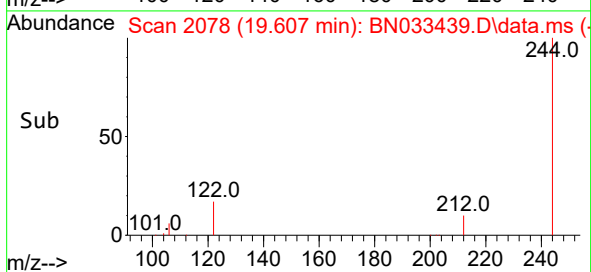
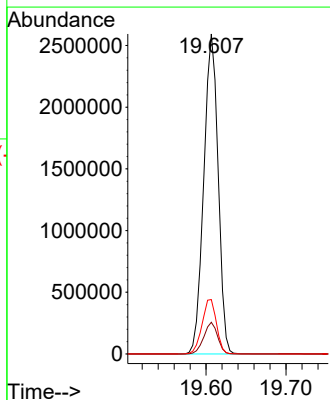
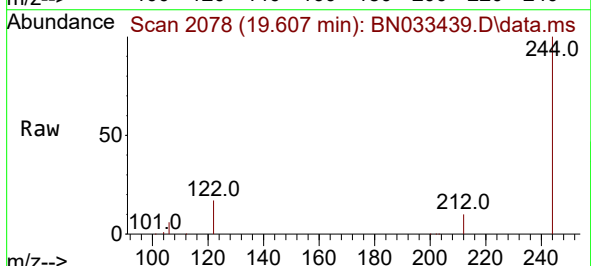
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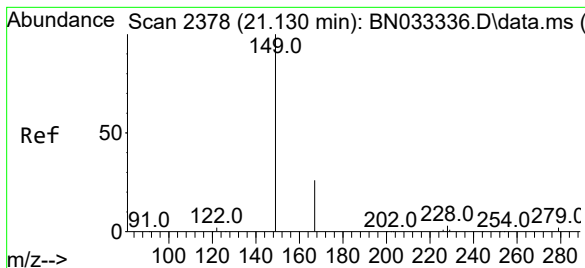
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024



#31
Terphenyl-d14
Concen: 89.221 ng
RT: 19.607 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

Tgt Ion:244 Resp: 3229945
Ion Ratio Lower Upper
244 100
212 9.9 7.7 11.5
122 17.0 14.0 21.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.192 ng

RT: 21.103 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033439.D

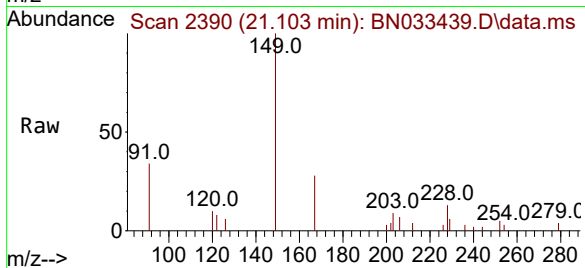
Acq: 16 Aug 2024 20:15

Instrument :

BNA_N

ClientSampleId :

922-K1-WP0-0.25-080124



Tgt Ion:149 Resp: 623

Ion Ratio Lower Upper

149 100

167 26.2 20.9 31.3

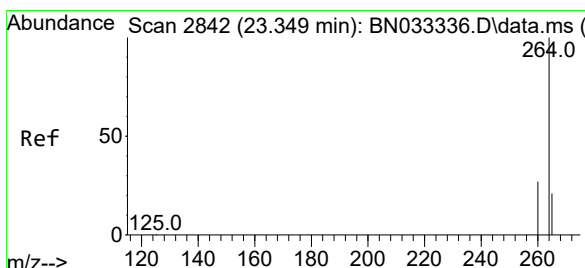
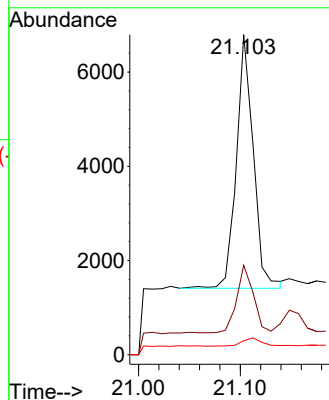
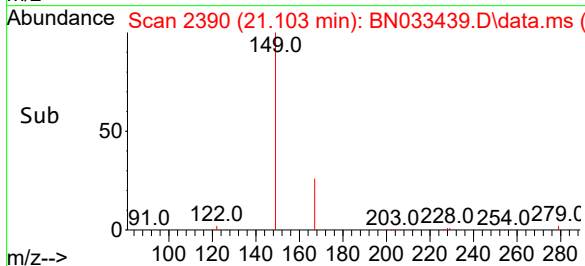
279 3.6 2.2 3.4

Manual Integrations

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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: BN033439.D

Acq: 16 Aug 2024 20:15

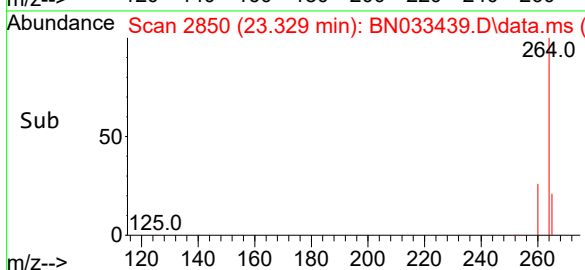
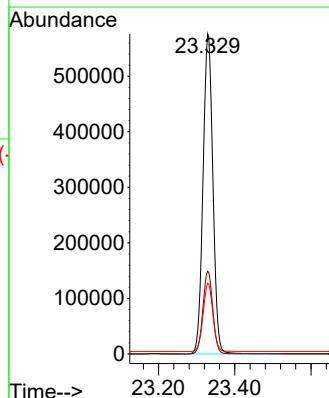
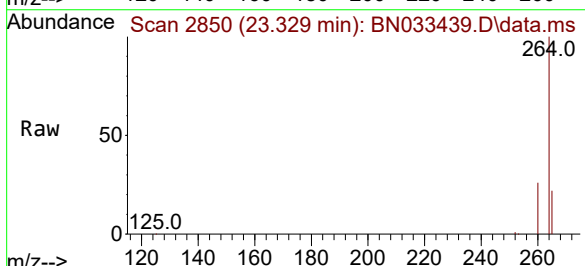
Tgt Ion:264 Resp: 1034032

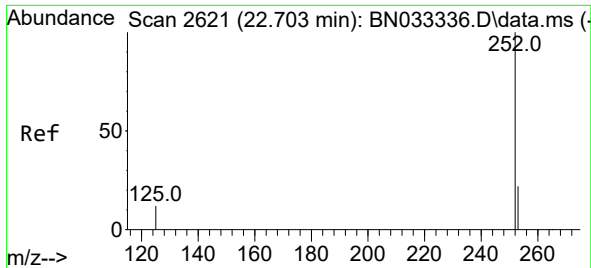
Ion Ratio Lower Upper

264 100

260 25.8 21.6 32.4

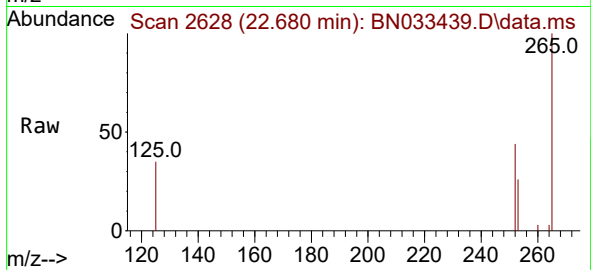
265 22.0 29.3 43.9#





#37
Benzo(b)fluoranthene
Concen: 0.029 ng
RT: 22.680 min Scan# 20
Delta R.T. -0.006 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

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



Tgt Ion:252 Resp: 229
Ion Ratio Lower Upper
252 100
253 59.0 18.2 27.2
125 78.0 11.3 16.9

Manual Integrations
APPROVED

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

