

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
 Data File : BN034563.D
 Acq On : 11 Oct 2024 19:59
 Operator : RC/JU
 Sample : P4386-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DSN003

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 14 01:10:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.366	152	3622	0.400	ng	0.00
7) Naphthalene-d8	10.116	136	10886	0.400	ng	-0.01
13) Acenaphthene-d10	14.015	164	6091	0.400	ng	0.00
19) Phenanthrene-d10	16.778	188	11221	0.400	ng	0.00
29) Chrysene-d12	21.006	240	5053	0.400	ng	0.00
35) Perylene-d12	23.102	264	11608	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	2491	0.242	ng	0.00
5) Phenol-d6	6.578	99	1661m	0.139	ng	0.00
8) Nitrobenzene-d5	8.504	82	2720	0.327	ng	-0.01
11) 2-Methylnaphthalene-d10	11.716	152	6513	0.405	ng	-0.01
14) 2,4,6-Tribromophenol	15.524	330	1243	0.450	ng	-0.01
15) 2-Fluorobiphenyl	12.626	172	8794	0.355	ng	-0.01
27) Fluoranthene-d10	18.818	212	13220	0.467	ng	0.00
31) Terphenyl-d14	19.440	244	9245	0.916	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.018	88	3597	0.794	ng	# 82
30) Pyrene	19.217	202	433	0.020	ng	# 67

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

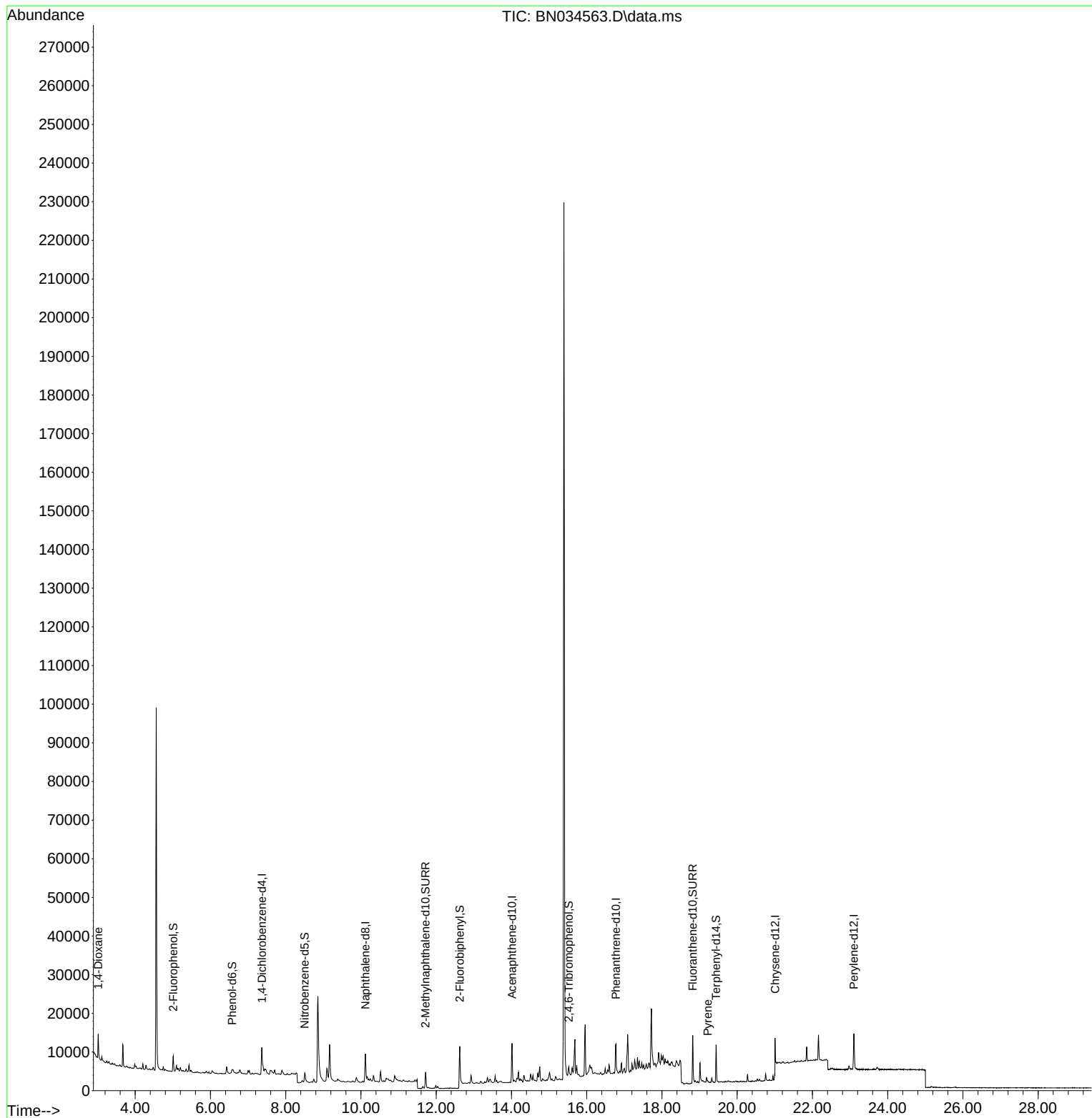
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
Data File : BN034563.D
Acq On : 11 Oct 2024 19:59
Operator : RC/JU
Sample : P4386-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

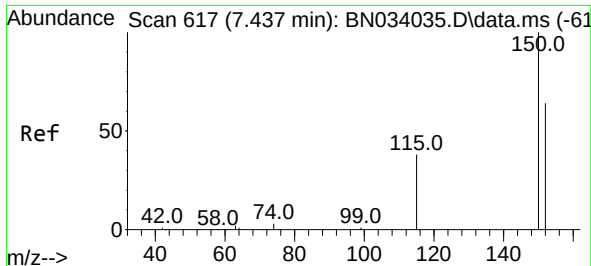
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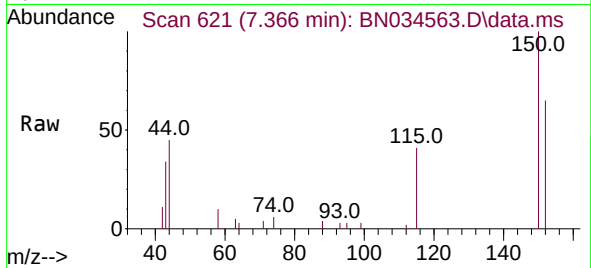
Quant Time: Oct 14 01:10:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.366 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

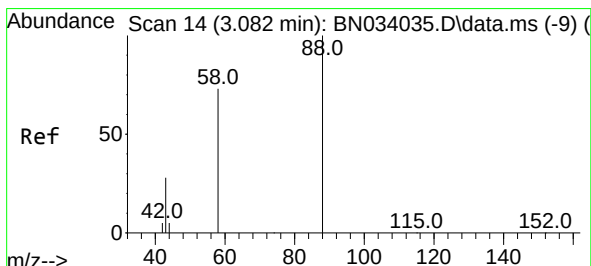
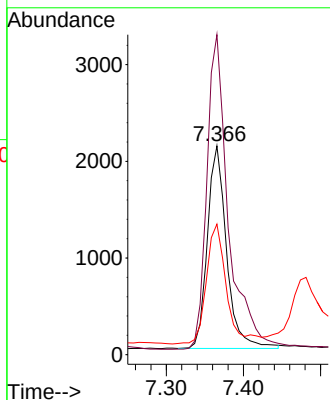
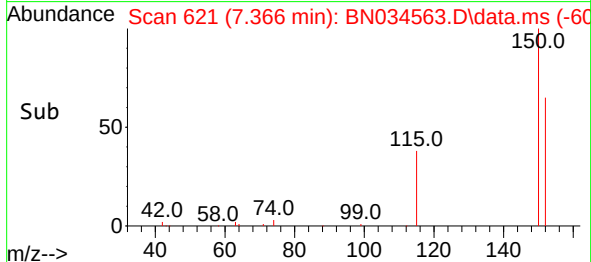
Instrument :
BNA_N
ClientSampleId :
DSN003



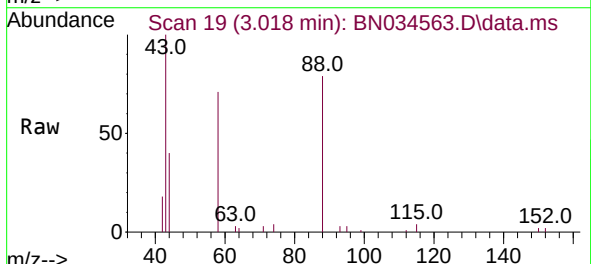
Tgt Ion:152 Resp: 362
Ion Ratio Lower Upper
152 100
150 153.2 124.6 187.0
115 62.5 50.0 75.0

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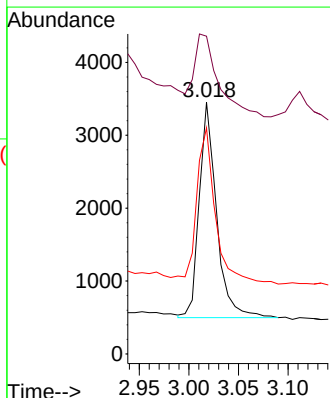
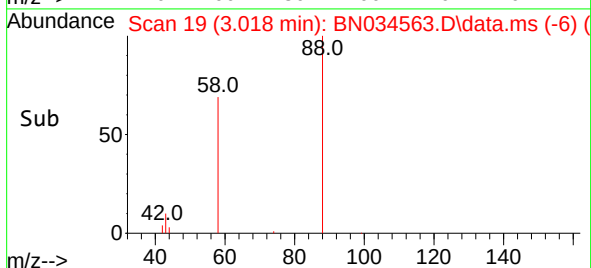
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

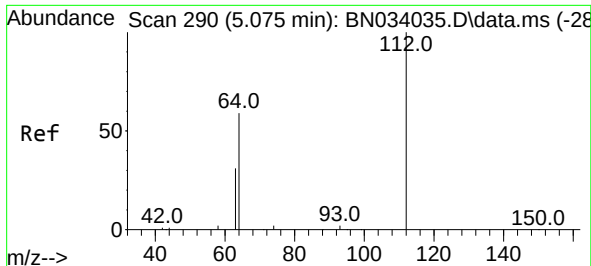


#2
1,4-Dioxane
Concen: 0.794 ng
RT: 3.018 min Scan# 19
Delta R.T. -0.007 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59



Tgt Ion: 88 Resp: 3597
Ion Ratio Lower Upper
88 100
43 54.1 25.8 38.8#
58 80.4 58.8 88.2





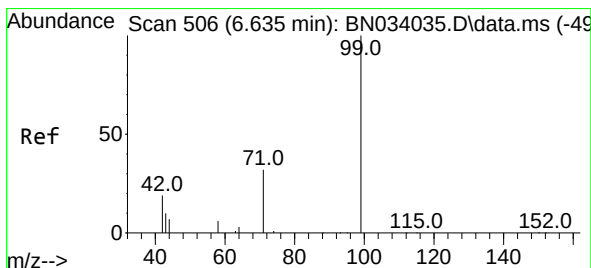
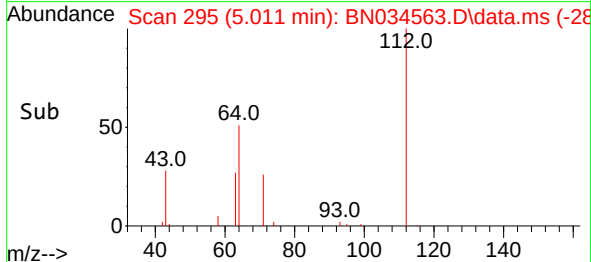
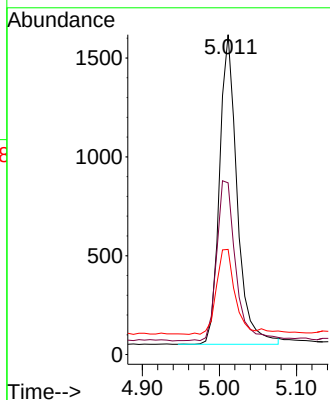
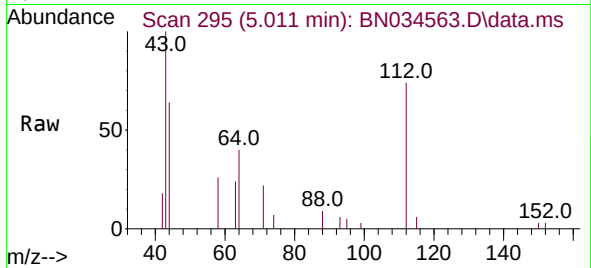
#4
2-Fluorophenol
Concen: 0.242 ng
RT: 5.011 min Scan# 249
Delta R.T. 0.000 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

Instrument :
BNA_N
ClientSampleId :
DSN003

Tgt Ion:112 Resp: 249
Ion Ratio Lower Upper
112 100
64 56.0 48.6 72.8
63 28.8 25.6 38.4

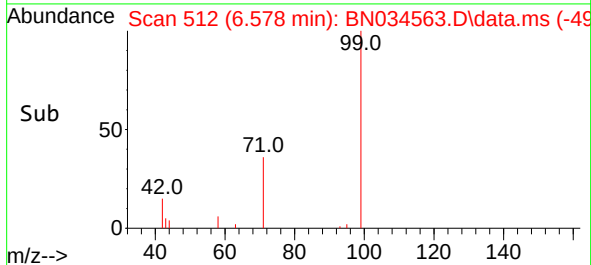
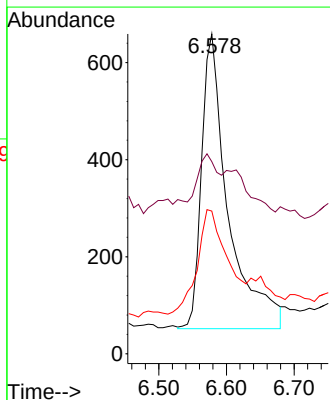
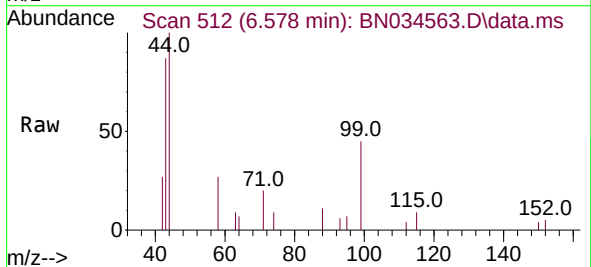
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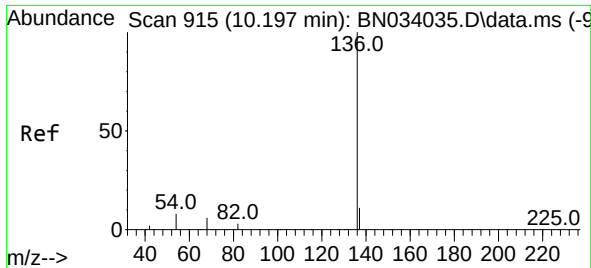
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#5
Phenol-d6
Concen: 0.139 ng m
RT: 6.578 min Scan# 512
Delta R.T. 0.007 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

Tgt Ion: 99 Resp: 1661
Ion Ratio Lower Upper
99 100
42 11.6 17.8 26.8#
71 40.8 26.2 39.2#





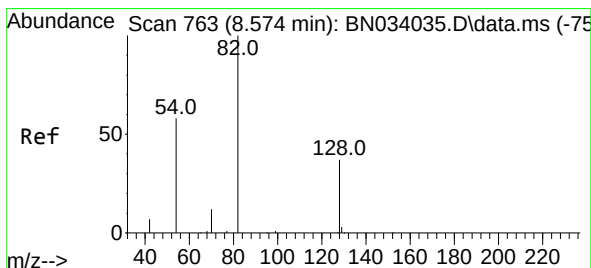
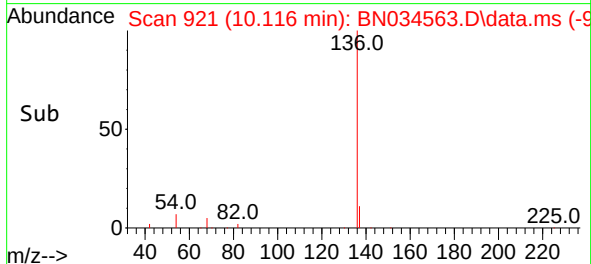
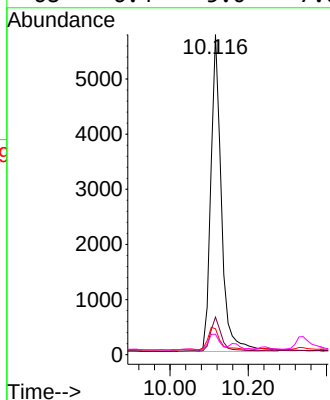
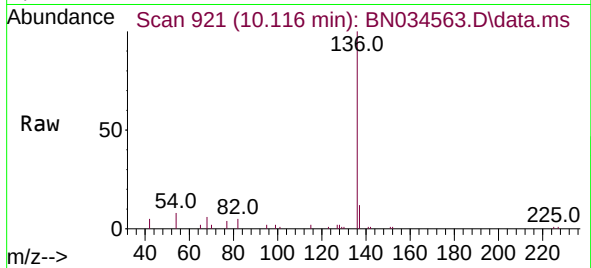
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.116 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

Instrument :
BNA_N
ClientSampleId :
DSN003

Tgt Ion:136 Resp: 10880
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 8.1 6.8 10.2
68 6.4 5.0 7.6

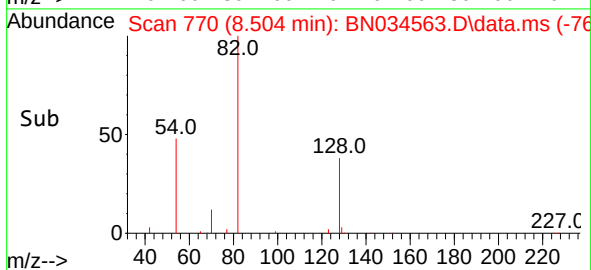
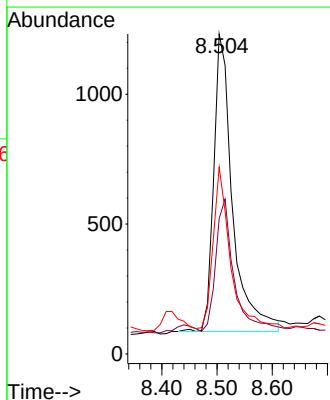
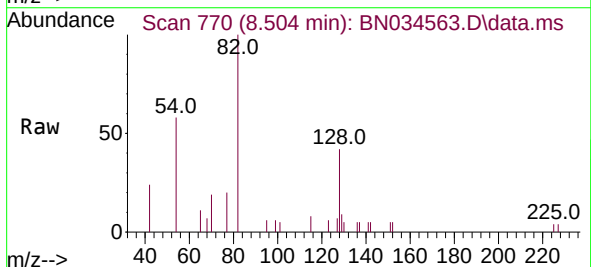
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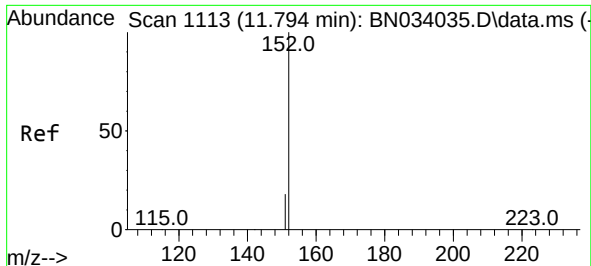
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Supervised By :mohammad ahmed 10/15/2024



#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.504 min Scan# 770
Delta R.T. -0.011 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

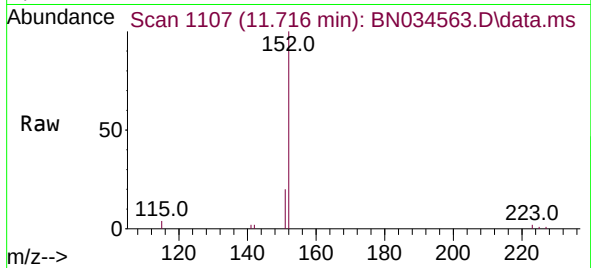
Tgt Ion: 82 Resp: 2720
Ion Ratio Lower Upper
82 100
128 42.3 31.4 47.2
54 58.4 47.4 71.0





#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 11.716 min Scan# 1113
Delta R.T. -0.011 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

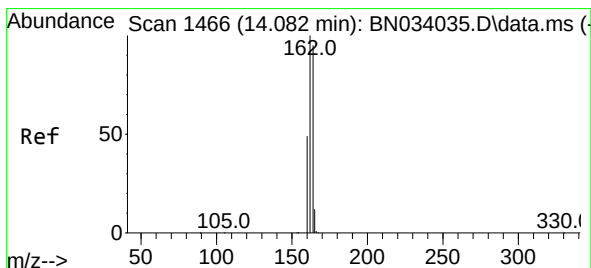
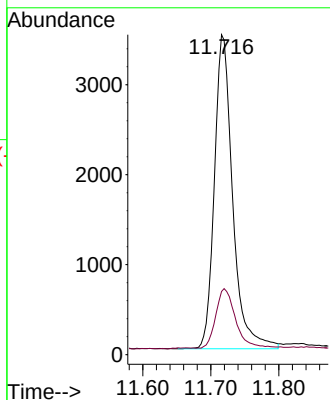
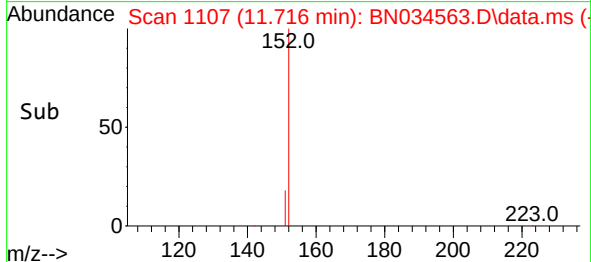
Instrument :
BNA_N
ClientSampleId :
DSN003



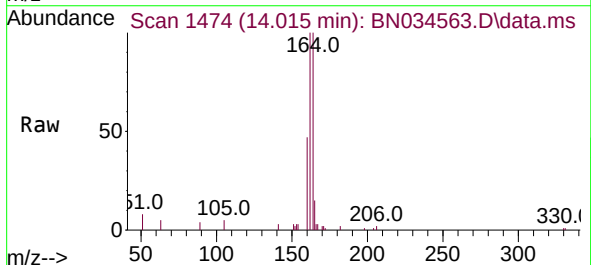
Tgt Ion:152 Resp: 6511
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2

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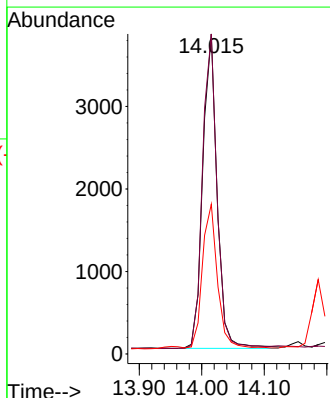
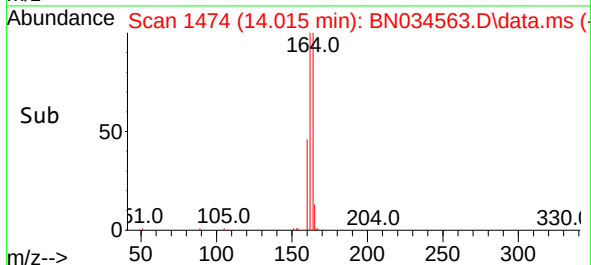
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

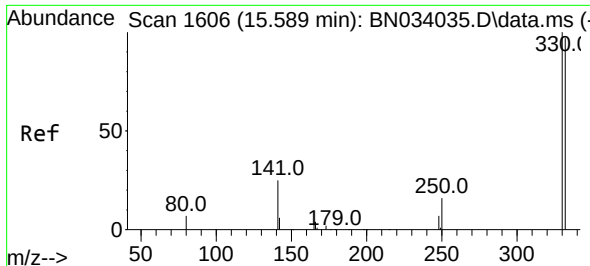


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.015 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59



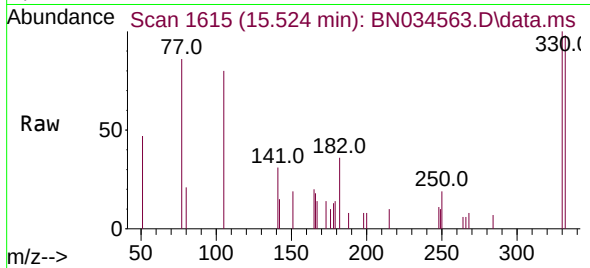
Tgt Ion:164 Resp: 6091
Ion Ratio Lower Upper
164 100
162 100.0 84.2 126.2
160 46.8 41.7 62.5





#14
2,4,6-Tribromophenol
Concen: 0.450 ng
RT: 15.524 min Scan# 110
Delta R.T. -0.012 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

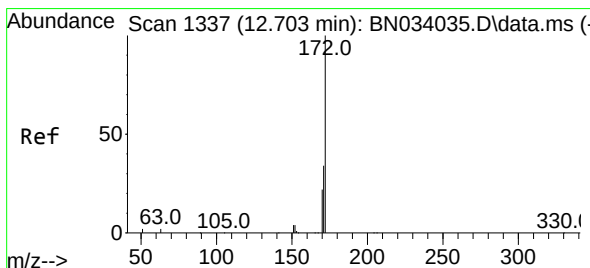
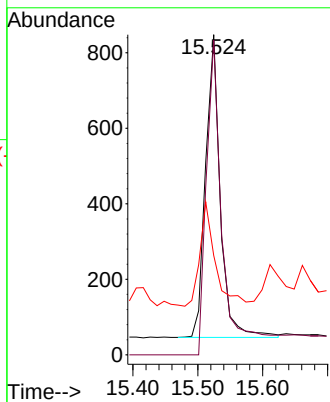
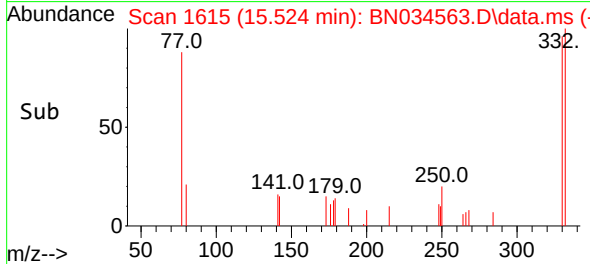
Instrument :
BNA_N
ClientSampleId :
DSN003



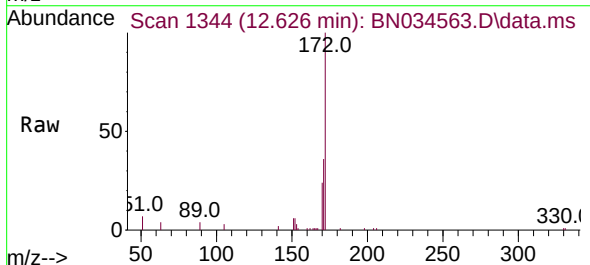
Tgt Ion:330 Resp: 124
Ion Ratio Lower Upper
330 100
332 119.5 77.4 116.0
141 36.4 35.9 53.9

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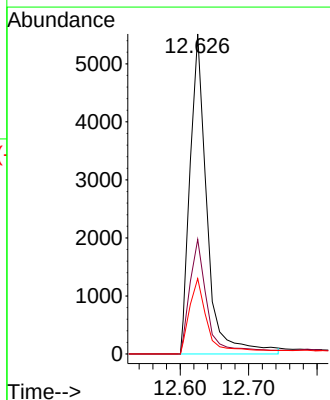
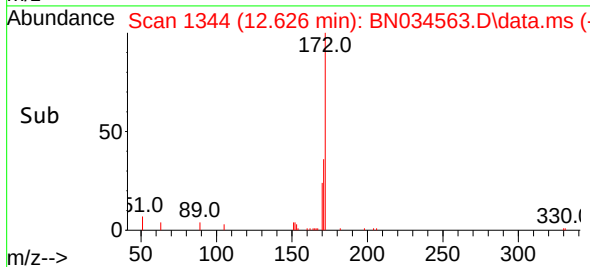
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Supervised By :mohammad ahmed 10/15/2024

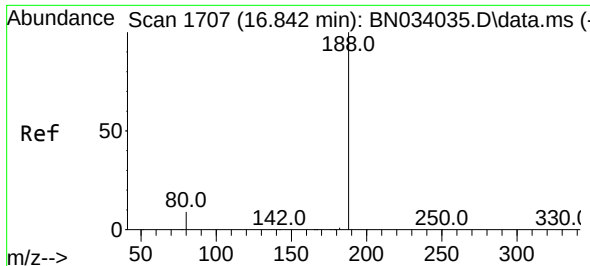


#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.626 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59



Tgt Ion:172 Resp: 8794
Ion Ratio Lower Upper
172 100
171 35.8 27.3 40.9
170 23.5 18.1 27.1





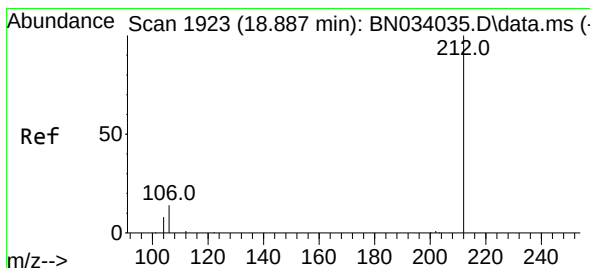
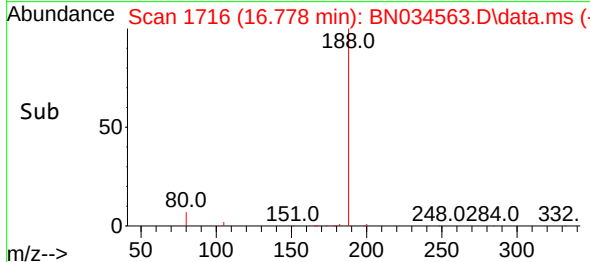
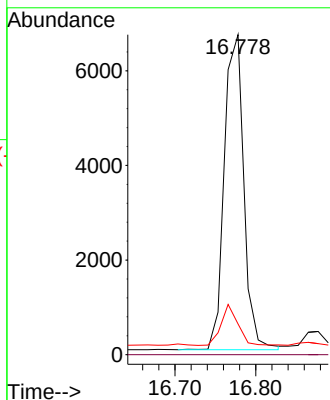
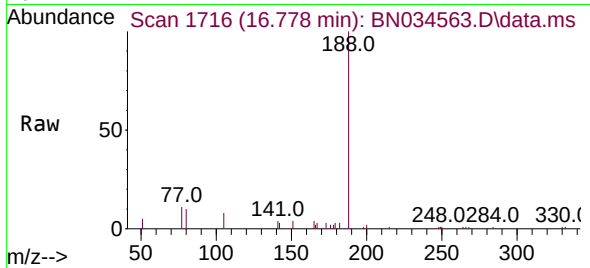
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.778 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

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Tgt Ion:188 Resp: 1122
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 7.4 11.0

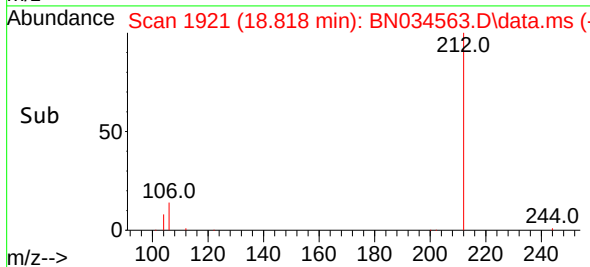
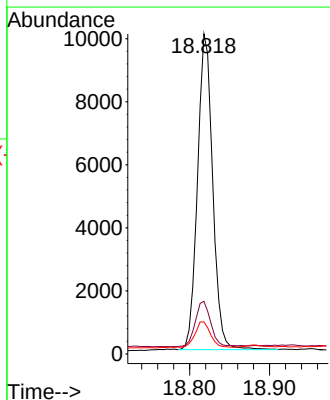
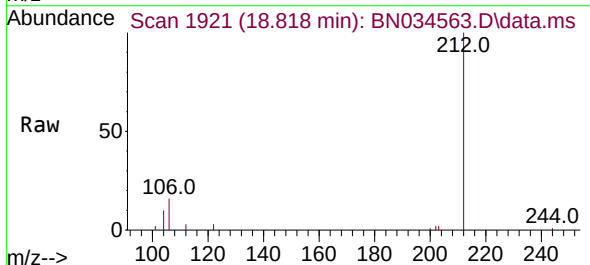
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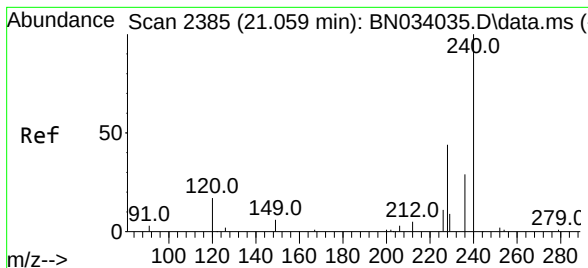
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#27
Fluoranthene-d10
Concen: 0.467 ng
RT: 18.818 min Scan# 1921
Delta R.T. -0.009 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

Tgt Ion:212 Resp: 13220
Ion Ratio Lower Upper
212 100
106 14.8 13.4 20.2
104 8.5 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.006 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN034563.D

Acq: 11 Oct 2024 19:59

Instrument :

BNA_N

ClientSampleId :

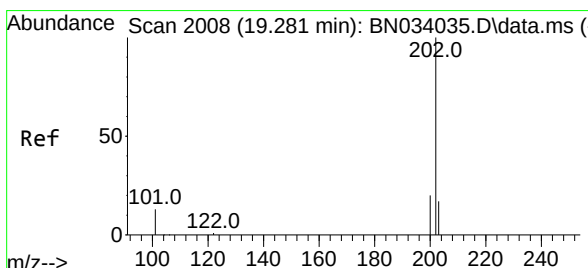
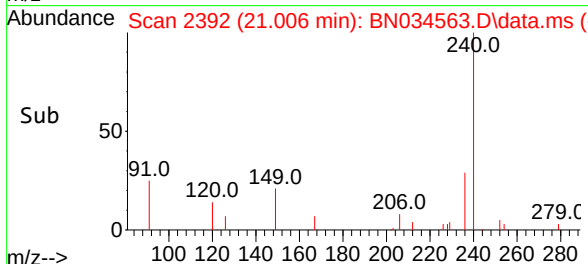
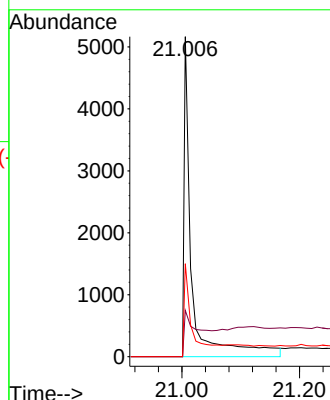
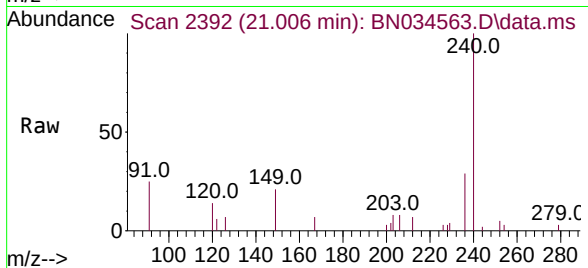
DSN003

Tgt Ion:240	Resp:	505
Ion Ratio	Lower	Upper
240	100	
120	14.4	13.5 20.3
236	29.1	23.4 35.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#30

Pyrene

Concen: 0.020 ng

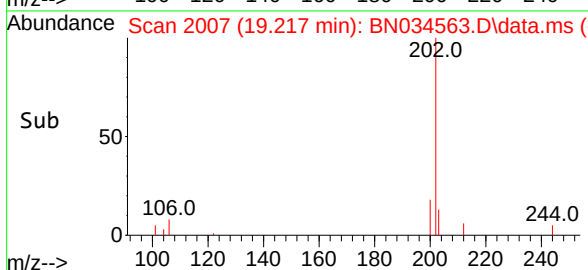
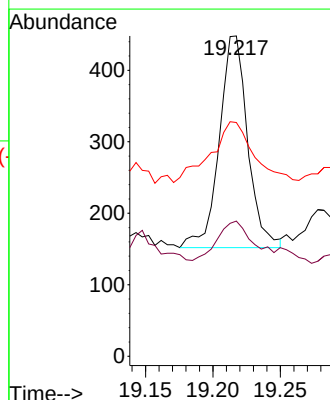
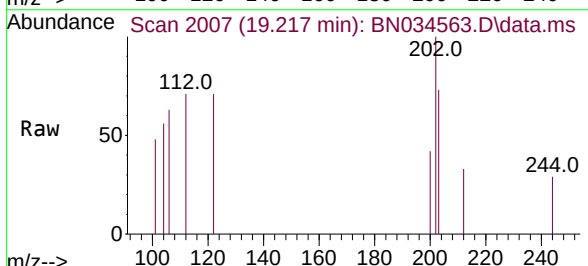
RT: 19.217 min Scan# 2007

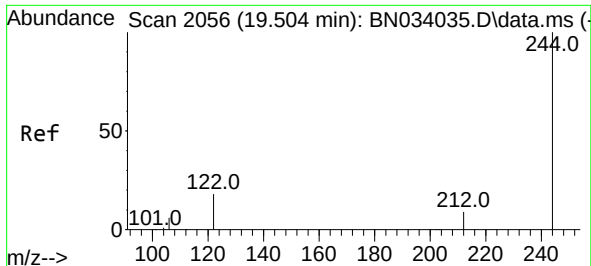
Delta R.T. -0.005 min

Lab File: BN034563.D

Acq: 11 Oct 2024 19:59

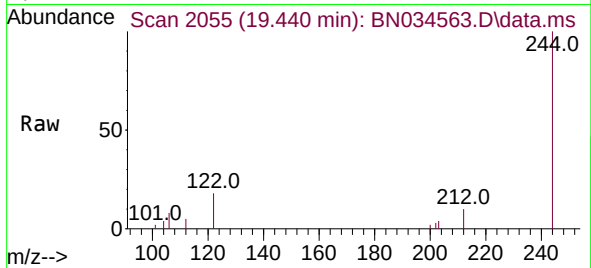
Tgt Ion:202	Resp:	433
Ion Ratio	Lower	Upper
202	100	
200	22.9	16.6 25.0
203	47.3	14.3 21.5





#31
 Terphenyl-d14
 Concen: 0.916 ng
 RT: 19.440 min Scan# 2056
 Delta R.T. -0.009 min
 Lab File: BN034563.D
 Acq: 11 Oct 2024 19:59

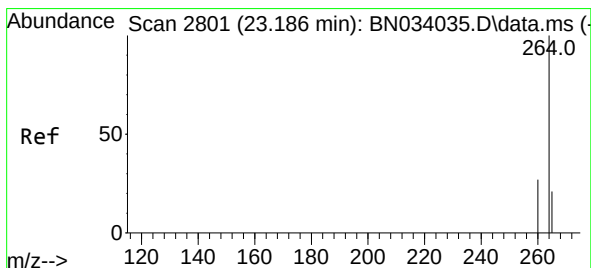
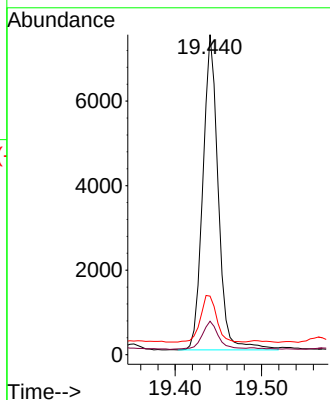
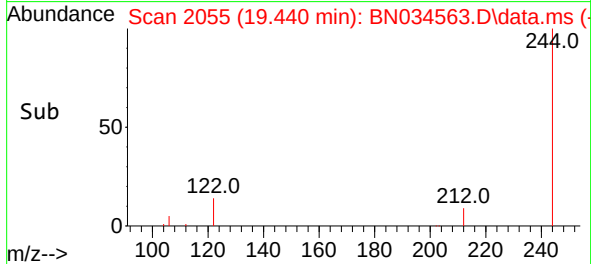
Instrument :
 BNA_N
 ClientSampleId :
 DSN003



Tgt Ion:244 Resp: 9245
 Ion Ratio Lower Upper
 244 100
 212 10.4 7.8 11.6
 122 18.3 14.8 22.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.102 min Scan# 2785
 Delta R.T. -0.012 min
 Lab File: BN034563.D
 Acq: 11 Oct 2024 19:59

Tgt Ion:264 Resp: 11608
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.7 32.5
 265 69.3 52.1 78.1

