

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024321.D
 Acq On : 16 Mar 2023 21:12
 Operator : CG/JU
 Sample : 01843-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20230306

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/17/2023
 Supervised By :Jagrut Upadhyay 03/17/2023

Quant Time: Mar 17 04:44:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 04:37:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	7662	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	21934	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	9851	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	19964	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	13083	0.400	ng	0.00
35) Perylene-d12	24.123	264	8964	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2248	0.133	ng	0.00
5) Phenol-d6	7.195	99	1631	0.075	ng	0.00
8) Nitrobenzene-d5	9.200	82	5333m	0.364	ng	0.00
11) 2-Methylnaphthalene-d10	12.440	152	8354	0.310	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1242	0.247	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	13027	0.350	ng	0.00
27) Fluoranthene-d10	19.446	212	17569	0.415	ng	0.00
31) Terphenyl-d14	20.033	244	9875	0.448	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.432	88	32670	3.919	ng	94
34) Bis(2-ethylhexyl)phtha...	21.502	149	1362	0.066	ng	# 98

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

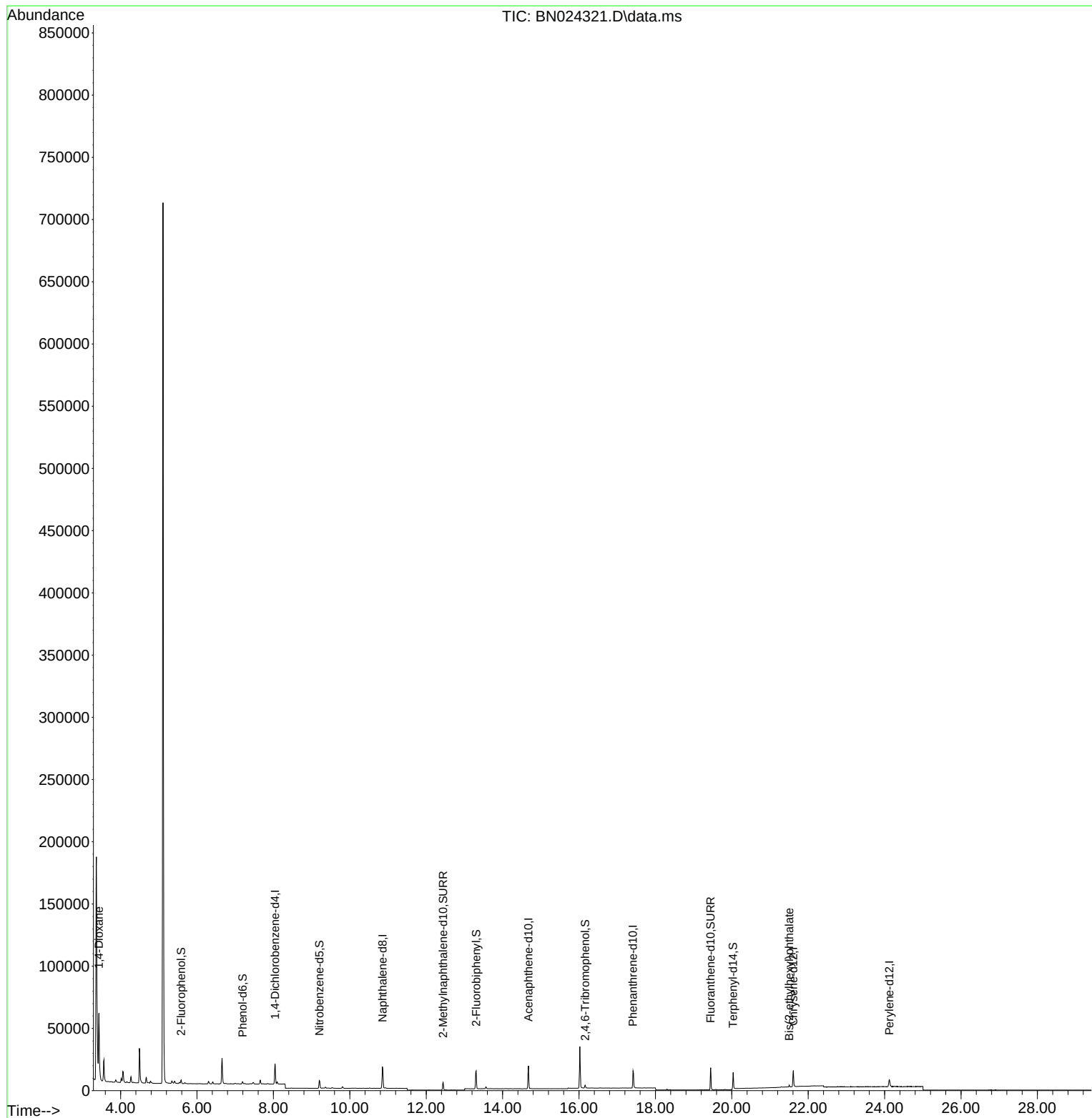
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024321.D
Acq On : 16 Mar 2023 21:12
Operator : CG/JU
Sample : 01843-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

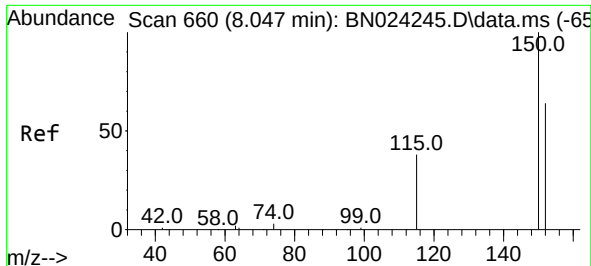
Instrument :
BNA_N
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DUP04-20230306

Quant Time: Mar 17 04:44:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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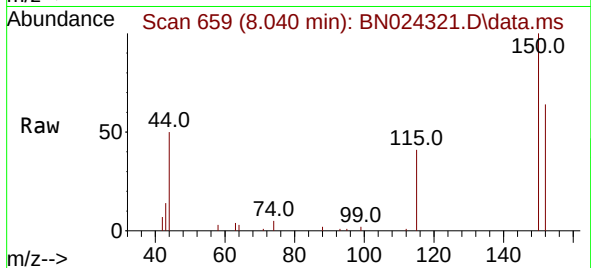
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024321.D
 Acq: 16 Mar 2023 21:12

Instrument :

BNA_N

ClientSampleId :

DUP04-20230306

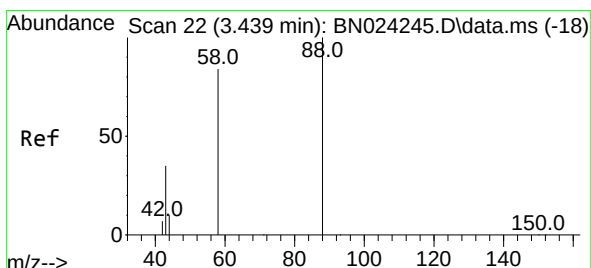
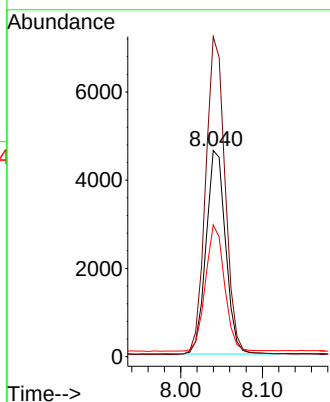
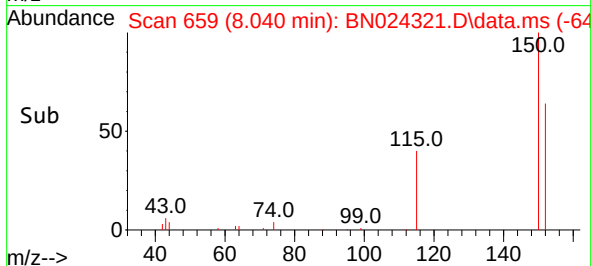


Tgt Ion: 152 Resp: 766
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.7 187.1
 115 63.9 49.1 73.7

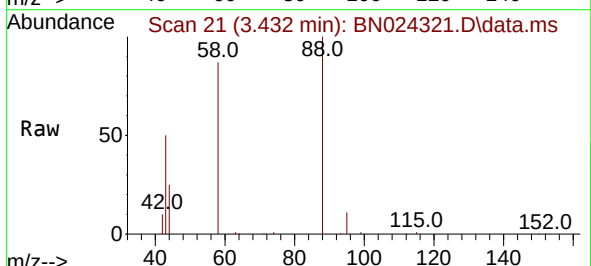
Manual Integrations

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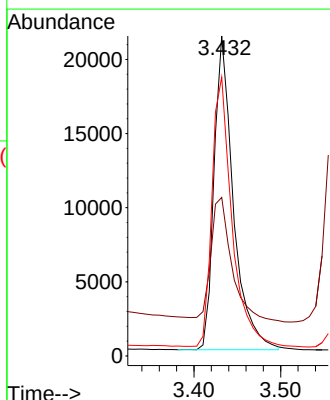
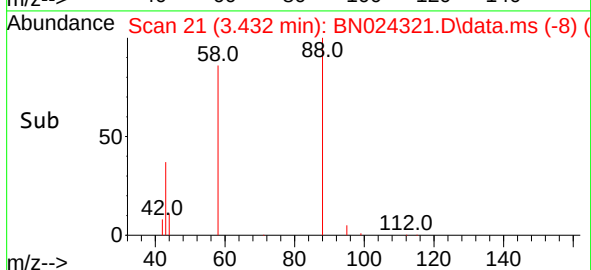
Reviewed By :Christian Giraldo 03/17/2023
 Supervised By :Jagrut Upadhyay 03/17/2023

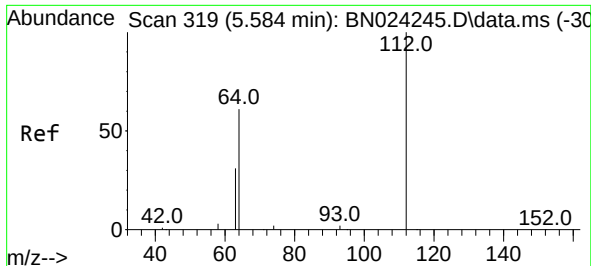


#2
 1,4-Dioxane
 Concen: 3.919 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024321.D
 Acq: 16 Mar 2023 21:12



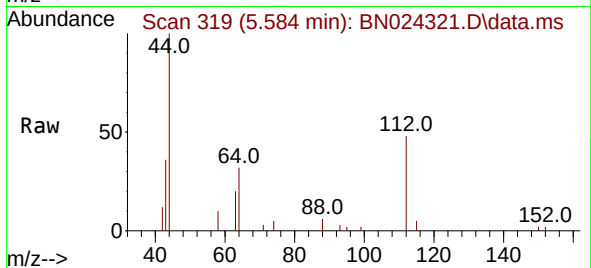
Tgt Ion: 88 Resp: 32670
 Ion Ratio Lower Upper
 88 100
 43 42.2 29.0 43.4
 58 88.4 67.3 100.9





#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

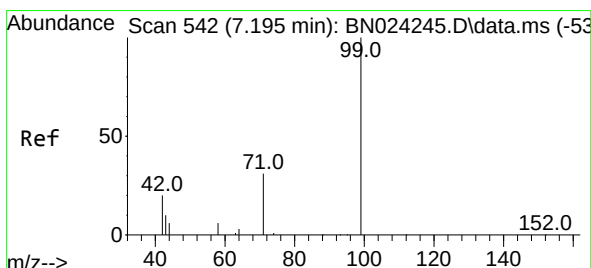
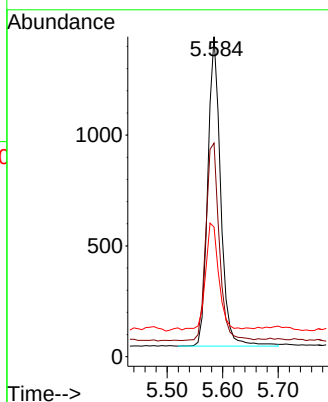
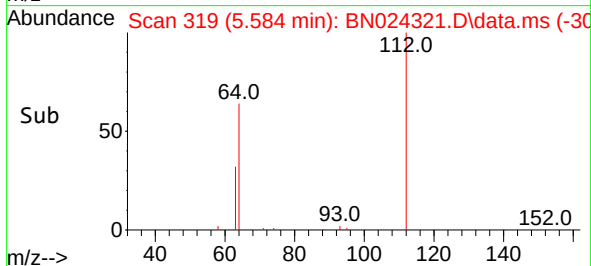
Instrument :
BNA_N
ClientSampleId :
DUP04-20230306



Tgt Ion:112 Resp: 2248
Ion Ratio Lower Upper
112 100
64 66.3 49.0 73.6
63 35.8 25.7 38.5

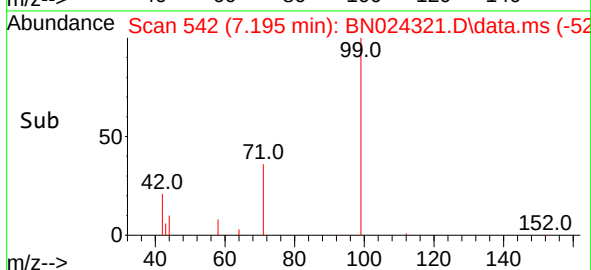
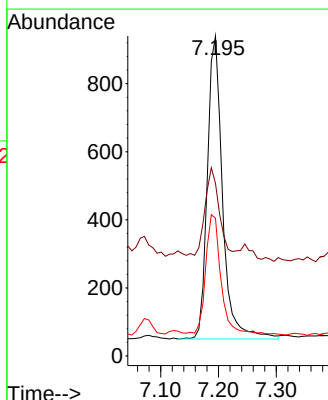
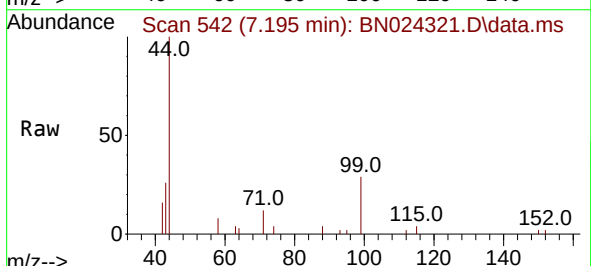
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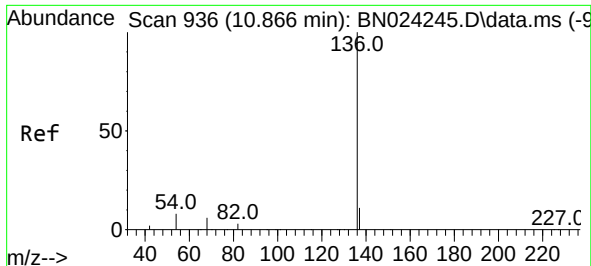
Reviewed By :Christian Giraldo 03/17/2023
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#5
Phenol-d6
Concen: 0.075 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

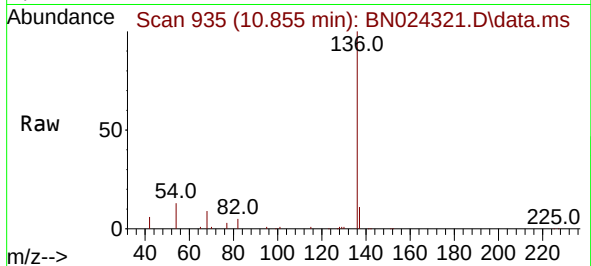
Tgt Ion: 99 Resp: 1631
Ion Ratio Lower Upper
99 100
42 28.8 20.1 30.1
71 40.1 25.8 38.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

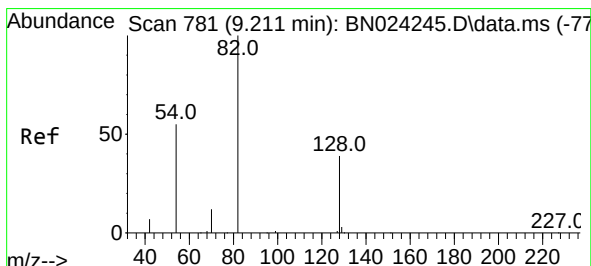
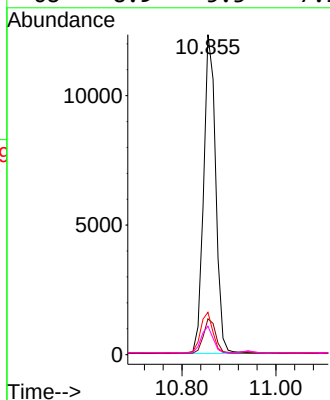
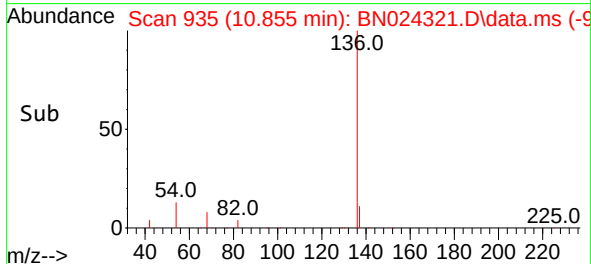
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:136 Resp: 21934
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 13.3 7.1 10.7
68 8.9 5.3 7.9#

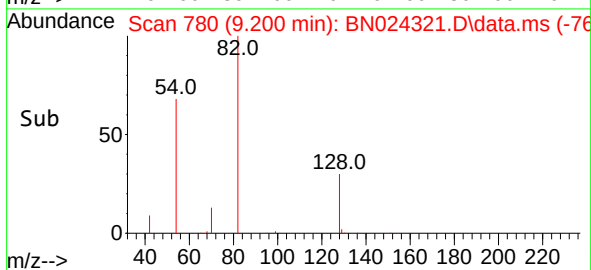
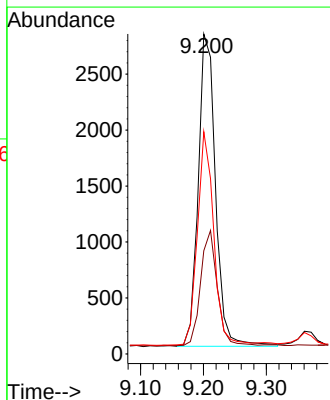
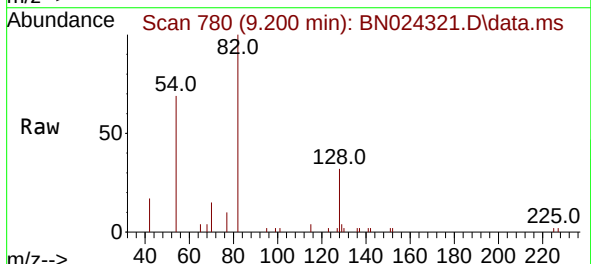
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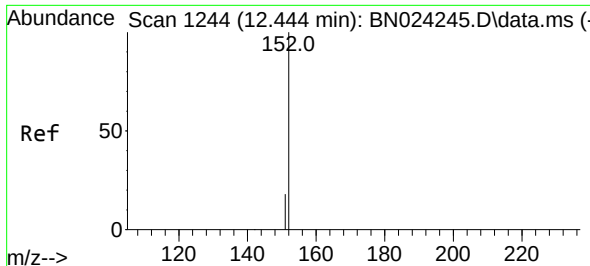
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#8
Nitrobenzene-d5
Concen: 0.364 ng m
RT: 9.200 min Scan# 780
Delta R.T. -0.000 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

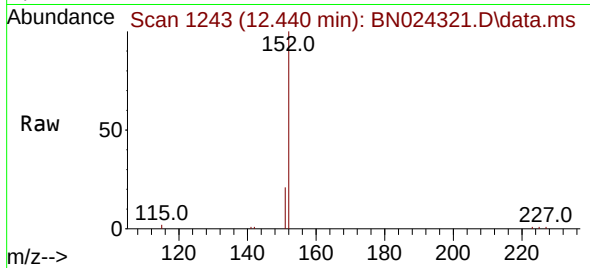
Tgt Ion: 82 Resp: 5333
Ion Ratio Lower Upper
82 100
128 32.2 32.4 48.6#
54 69.4 45.2 67.8#





#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.440 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

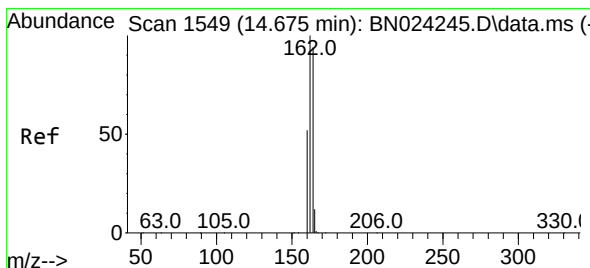
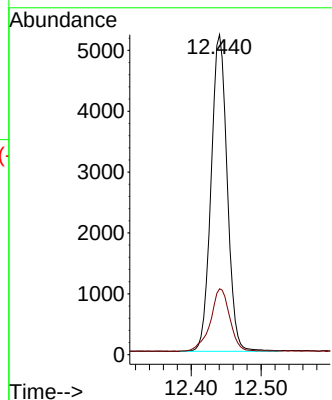
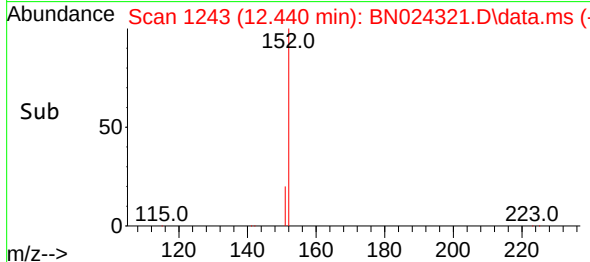
Instrument :
BNA_N
ClientSampleId :
DUP04-20230306



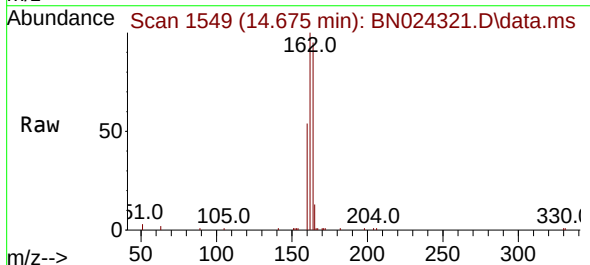
Tgt Ion:152 Resp: 8354
Ion Ratio Lower Upper
152 100
151 24.0 16.8 25.2

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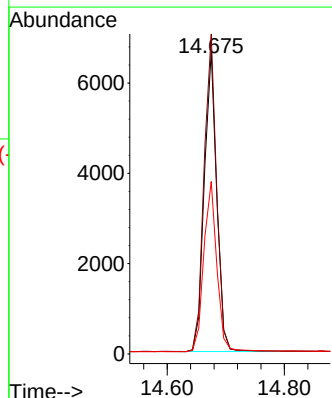
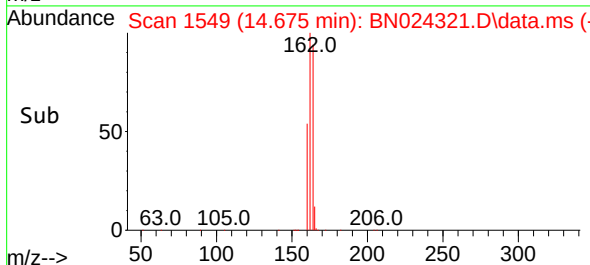
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Supervised By :Jagrut Upadhyay 03/17/2023

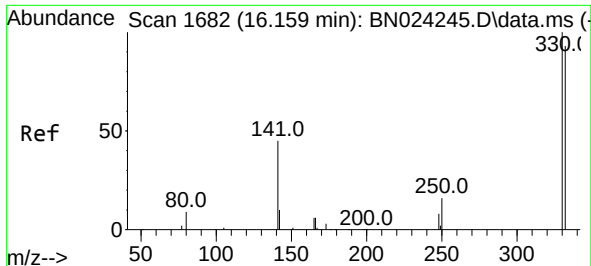


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12



Tgt Ion:164 Resp: 9851
Ion Ratio Lower Upper
164 100
162 105.7 84.7 127.1
160 57.0 44.6 66.8





#14
2,4,6-Tribromophenol
Concen: 0.247 ng
RT: 16.159 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

Instrument :

BNA_N

ClientSampleId :

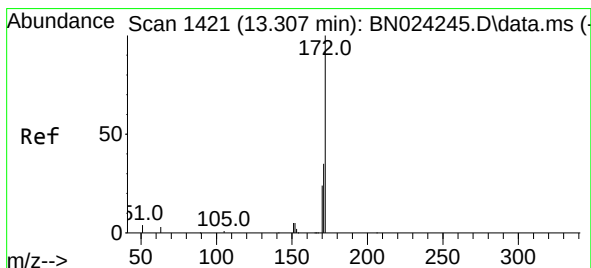
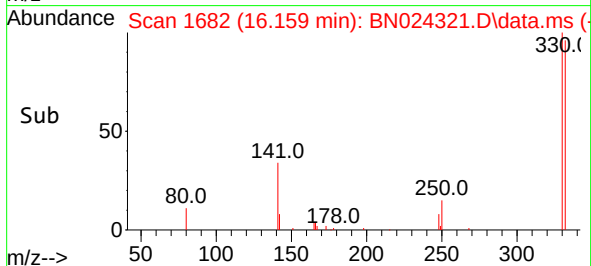
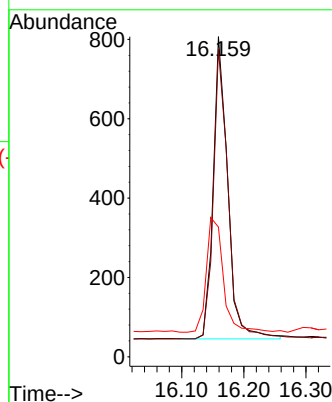
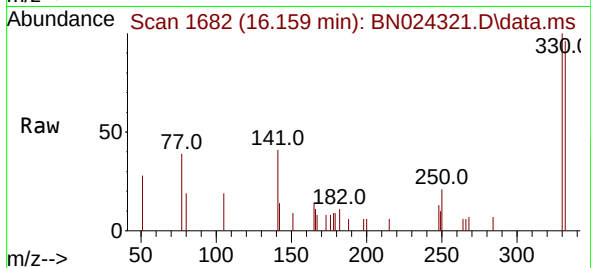
DUP04-20230306

Tgt Ion:330 Resp: 124
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 44.0 30.8 46.2

Manual Integrations

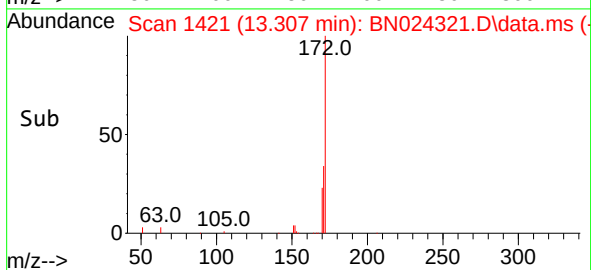
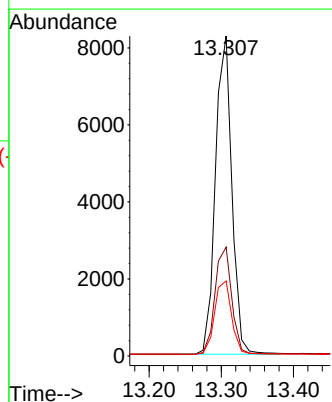
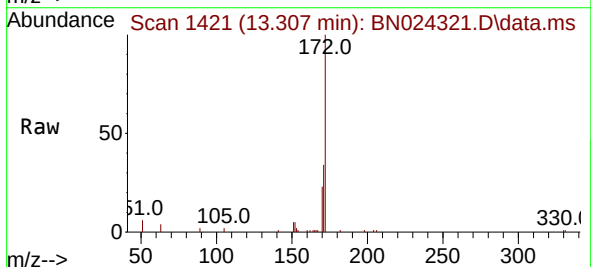
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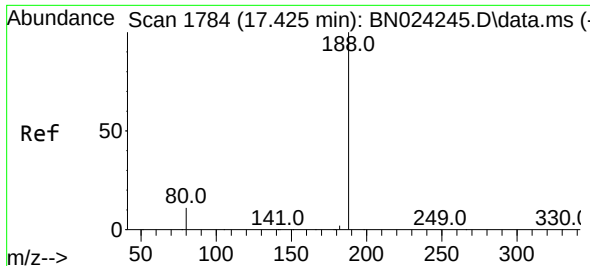
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 13.307 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

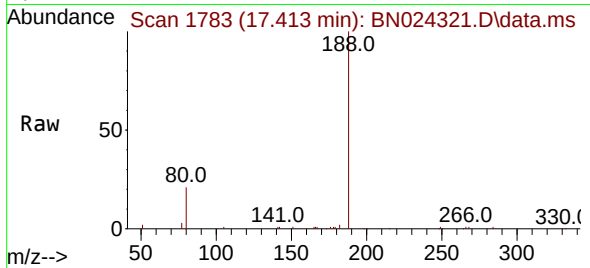
Tgt Ion:172 Resp: 13027
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.8
170 23.4 19.0 28.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

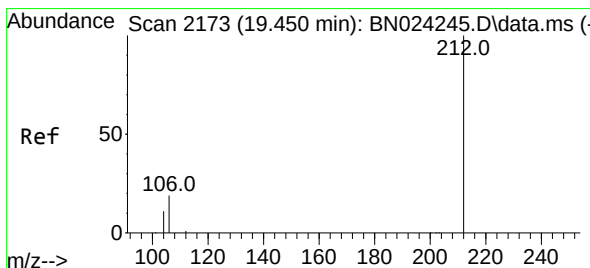
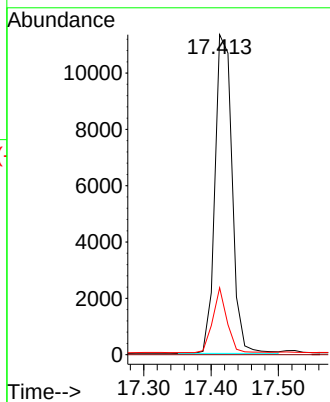
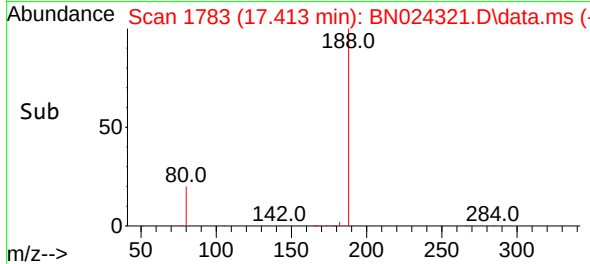
Instrument :
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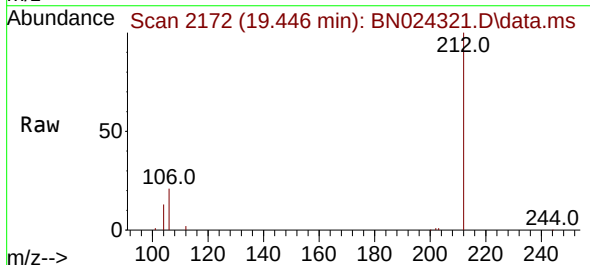
Tgt Ion:188 Resp: 19964
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 20.9 8.9 13.3

Manual Integrations
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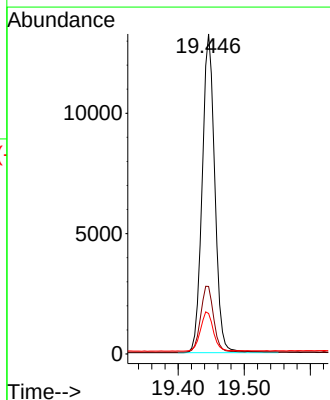
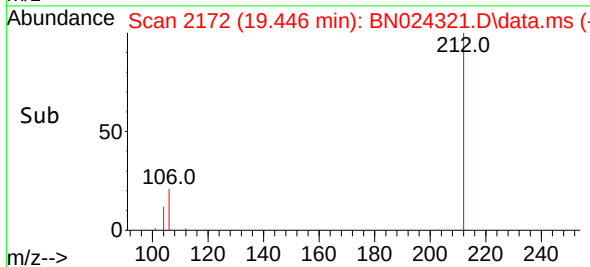
Reviewed By :Christian Giraldo 03/17/2023
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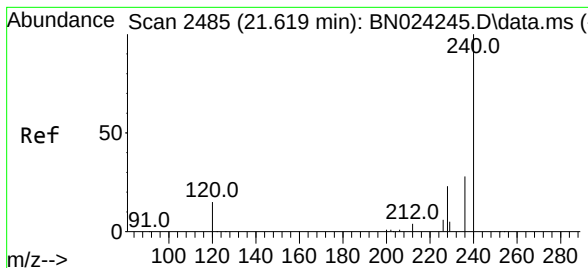


#27
Fluoranthene-d10
Concen: 0.415 ng
RT: 19.446 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12



Tgt Ion:212 Resp: 17569
Ion Ratio Lower Upper
212 100
106 21.3 15.4 23.2
104 12.6 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.610 min Scan# 2485

Delta R.T. 0.009 min

Lab File: BN024321.D

Acq: 16 Mar 2023 21:12

Instrument :

BNA_N

ClientSampleId :

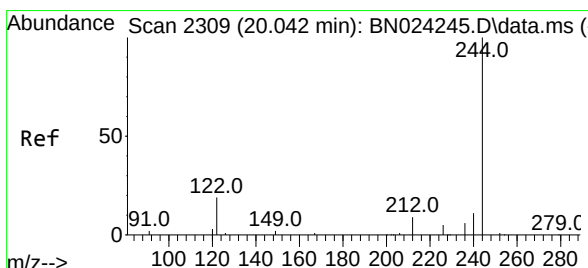
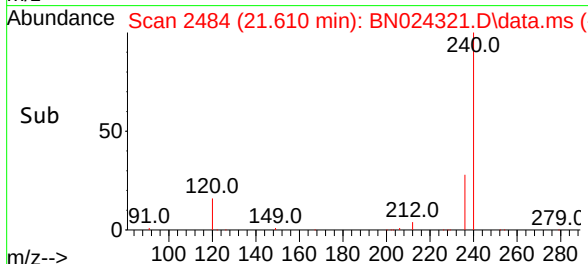
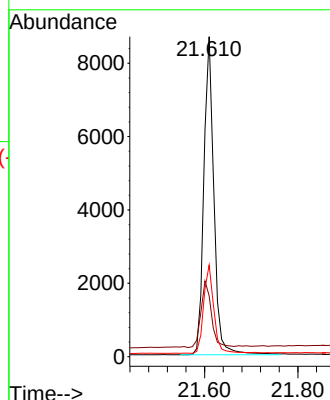
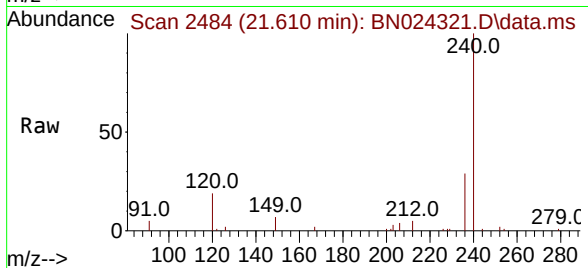
DUP04-20230306

Tgt Ion:240	Resp:	1308
Ion Ratio	Lower	Upper
240	100	
120	19.0	12.8 19.2
236	28.6	22.5 33.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#31

Terphenyl-d14

Concen: 0.448 ng

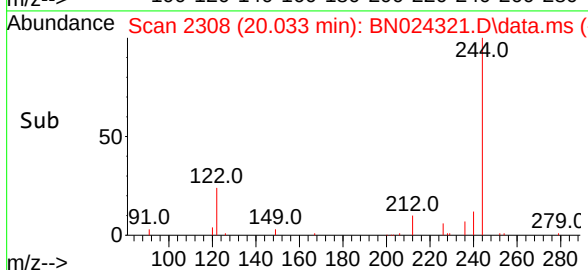
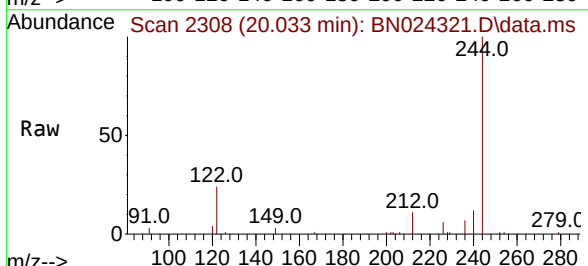
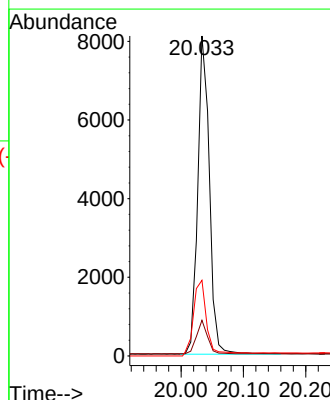
RT: 20.033 min Scan# 2308

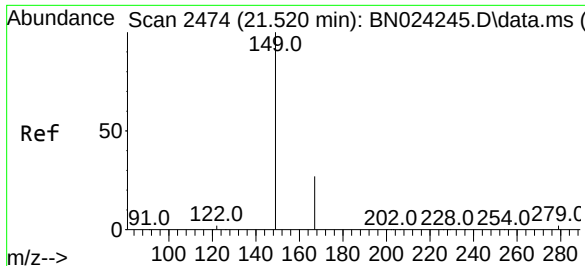
Delta R.T. -0.000 min

Lab File: BN024321.D

Acq: 16 Mar 2023 21:12

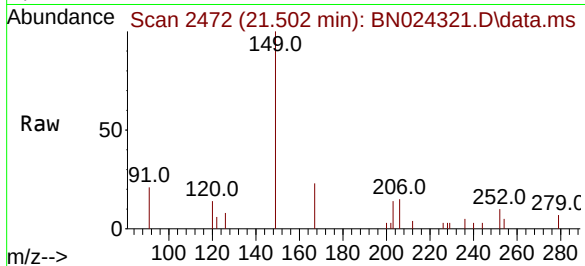
Tgt Ion:244	Resp:	9875
Ion Ratio	Lower	Upper
244	100	
212	11.1	7.6 11.4
122	23.7	15.1 22.7





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.066 ng
 RT: 21.502 min Scan# 2474
 Delta R.T. -0.000 min
 Lab File: BN024321.D
 Acq: 16 Mar 2023 21:12

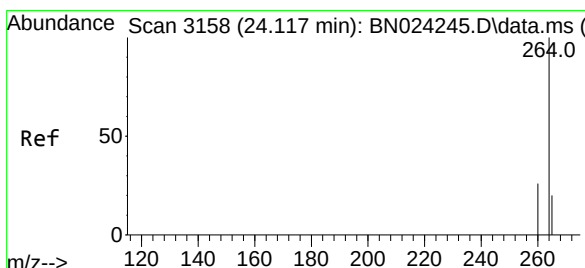
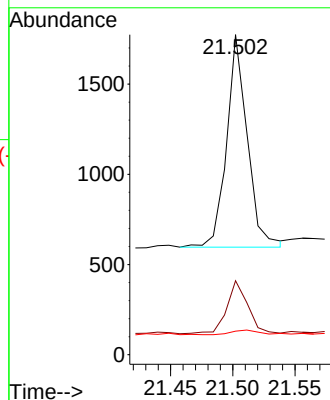
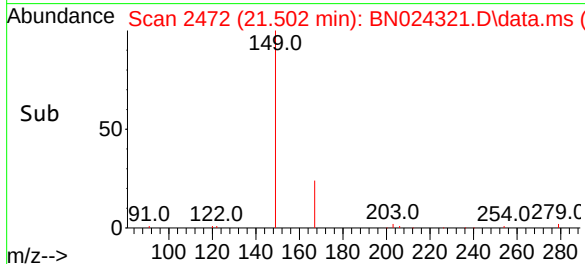
Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20230306



Tgt Ion:149 Resp: 1362
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.2 31.8
 279 3.2 1.8 2.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/17/2023
 Supervised By :Jagrut Upadhyay 03/17/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.123 min Scan# 3160
 Delta R.T. 0.009 min
 Lab File: BN024321.D
 Acq: 16 Mar 2023 21:12

Tgt Ion:264 Resp: 8964
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.4 32.2
 265 67.8 35.7 53.5

