

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024323.D
 Acq On : 16 Mar 2023 22:26
 Operator : CG/JU
 Sample : 01843-05DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20230306DL

Quant Time: Mar 17 04:44:21 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	10562	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	31464	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	14868	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	29690	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	21706	0.400	ng	0.00
35) Perylene-d12	24.120	264	15885	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	1253	0.054	ng	0.00
5) Phenol-d6	7.188	99	983	0.033	ng	0.00
8) Nitrobenzene-d5	9.201	82	3252m	0.155	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	5446	0.141	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	816	0.107	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	8356	0.149	ng	0.00
27) Fluoranthene-d10	19.446	212	11103	0.176	ng	0.00
31) Terphenyl-d14	20.034	244	6726	0.184	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.439	88	33033	2.874	ng	97
34) Bis(2-ethylhexyl)phtha...	21.502	149	2518	0.074	ng	# 95

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

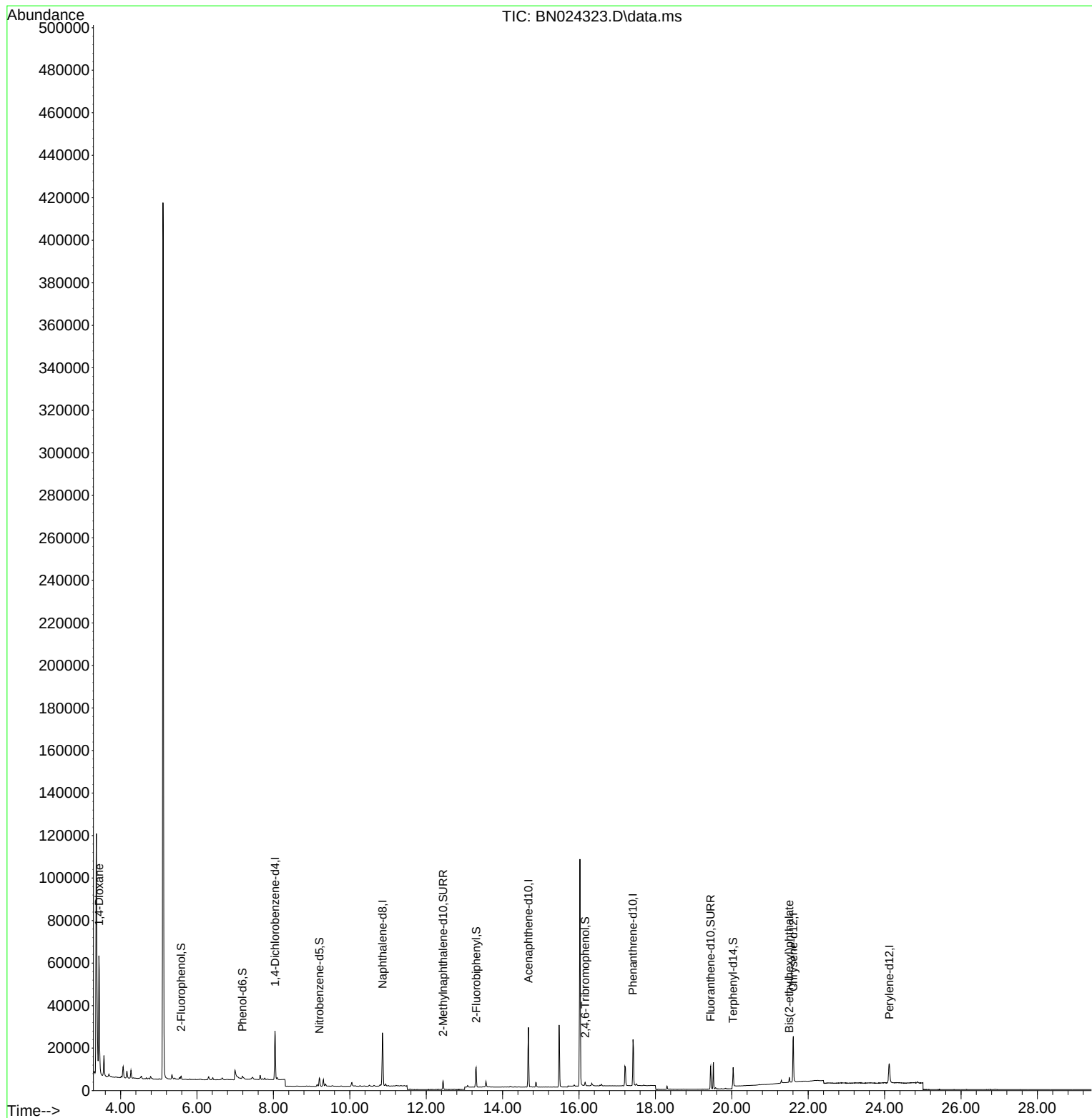
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024323.D
Acq On : 16 Mar 2023 22:26
Operator : CG/JU
Sample : 01843-05DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

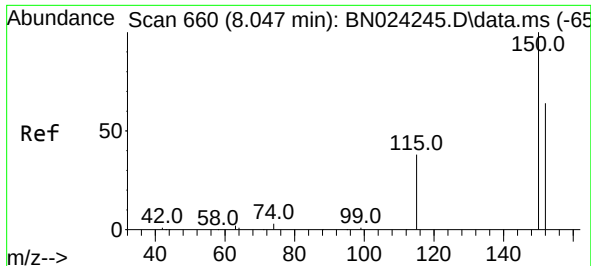
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230306DL

Quant Time: Mar 17 04:44:21 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

Manual Integrations
APPROVED

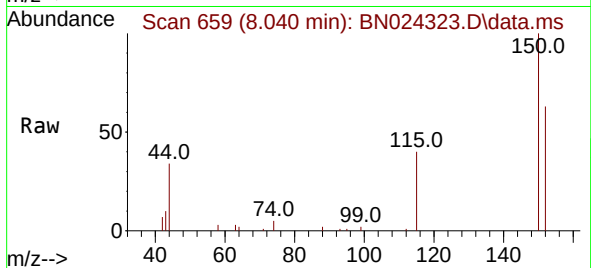
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 660
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

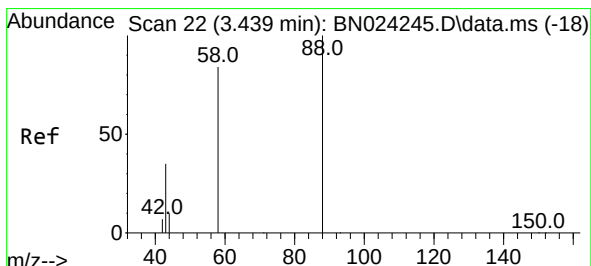
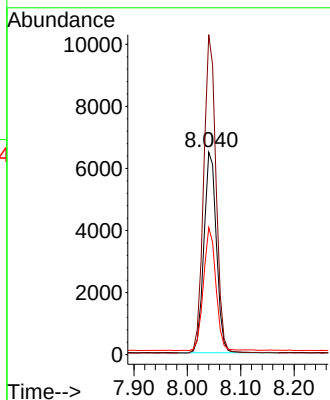
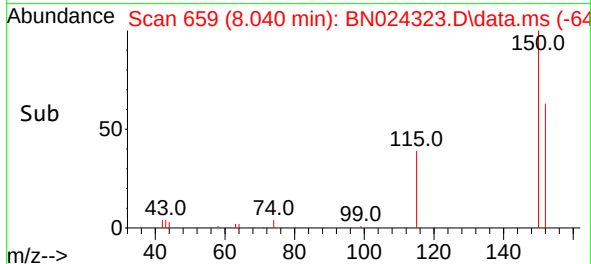
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230306DL



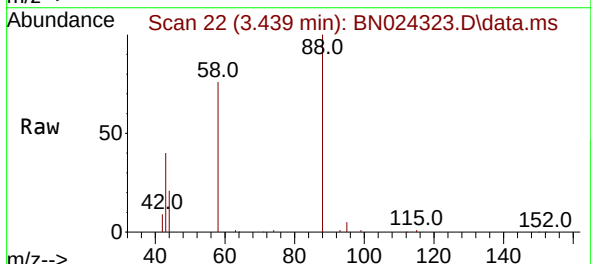
Tgt Ion: 152 Resp: 1056
Ion Ratio Lower Upper
152 100
150 158.0 124.7 187.1
115 62.7 49.1 73.7

Manual Integrations
APPROVED

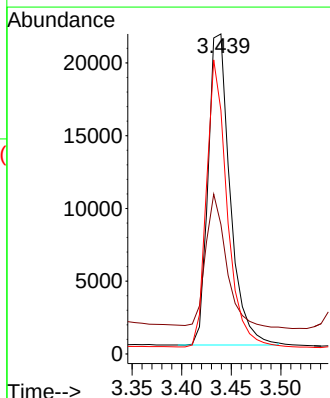
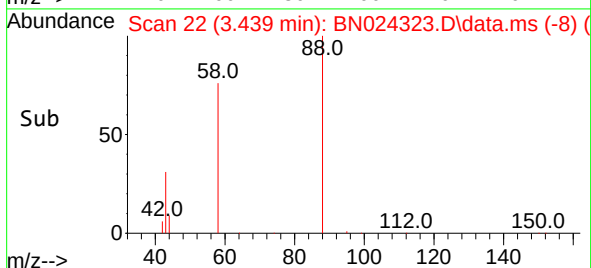
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

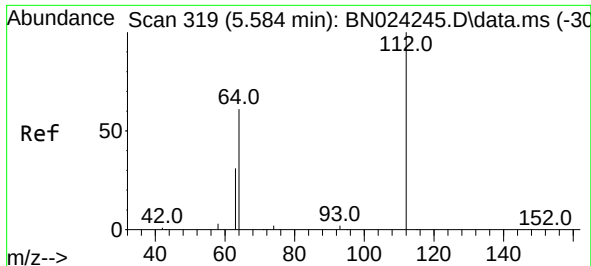


#2
1,4-Dioxane
Concen: 2.874 ng
RT: 3.439 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26



Tgt Ion: 88 Resp: 33033
Ion Ratio Lower Upper
88 100
43 40.0 29.0 43.4
58 86.1 67.3 100.9





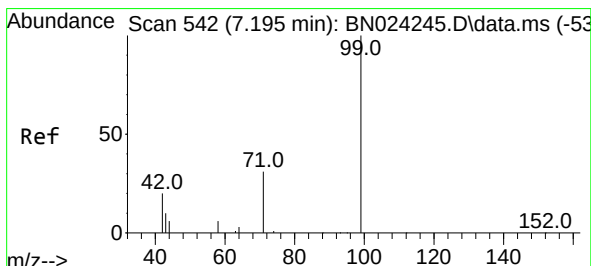
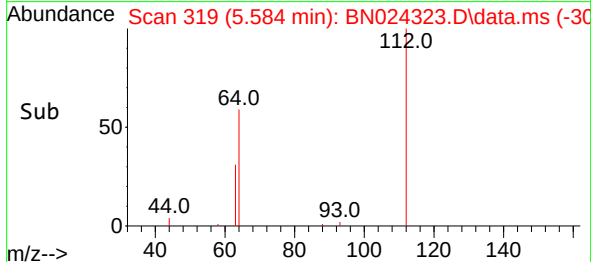
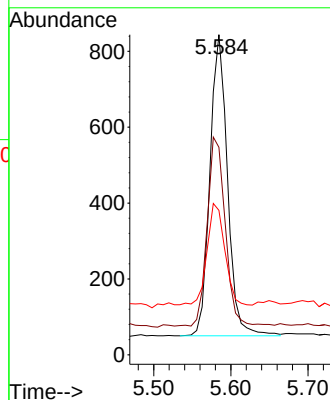
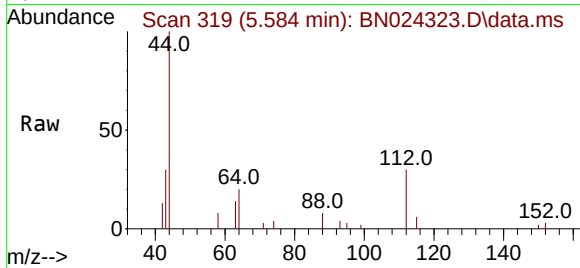
#4
2-Fluorophenol
Concen: 0.054 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

Instrument :
BNA_N
ClientSampleId :
RE132D5-20230306DL

Tgt Ion:112 Resp: 125
Ion Ratio Lower Upper
112 100
64 63.5 49.0 73.6
63 34.7 25.7 38.5

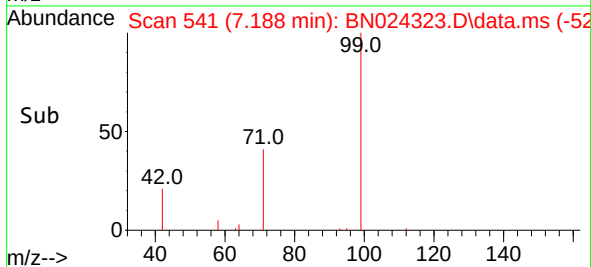
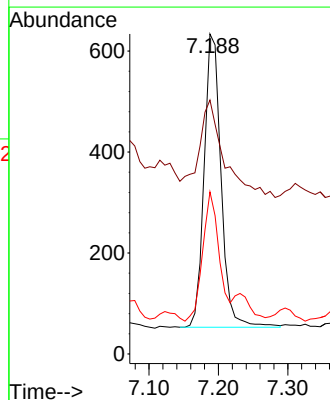
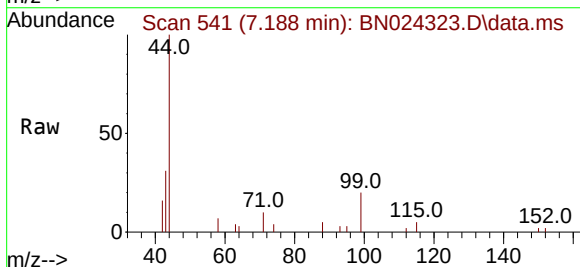
Manual Integrations
APPROVED

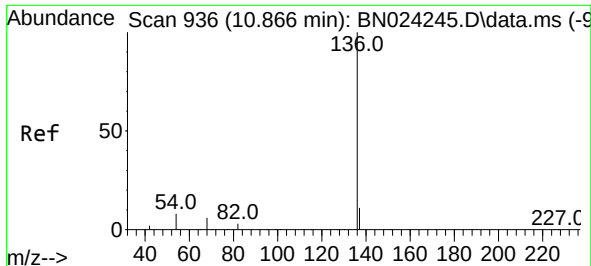
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#5
Phenol-d6
Concen: 0.033 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

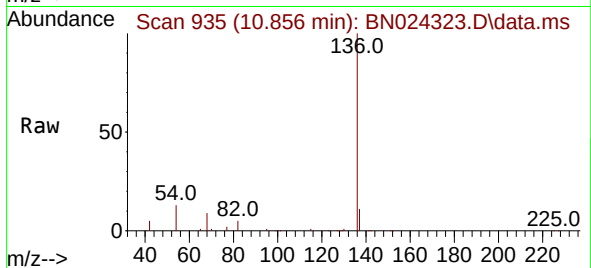
Tgt Ion: 99 Resp: 983
Ion Ratio Lower Upper
99 100
42 48.8 20.1 30.1#
71 43.1 25.8 38.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

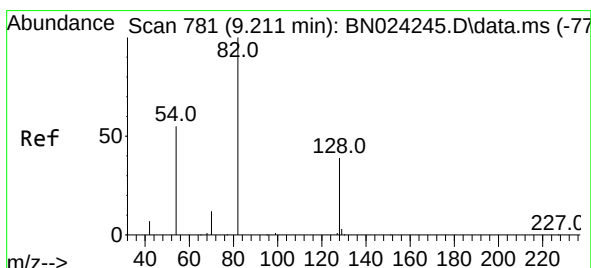
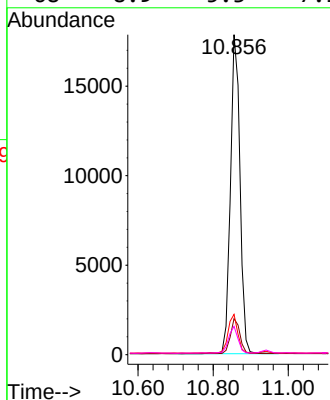
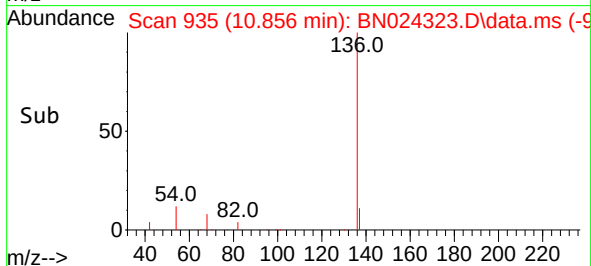
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230306DL



Tgt Ion:	136	Resp:	3146
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	12.6	7.1	10.7
68	8.9	5.3	7.9

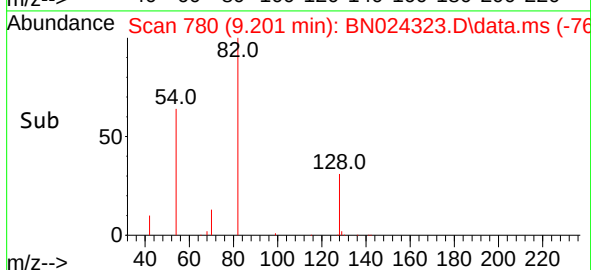
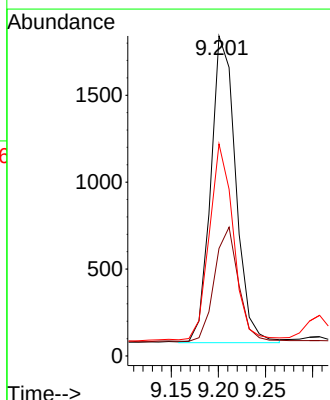
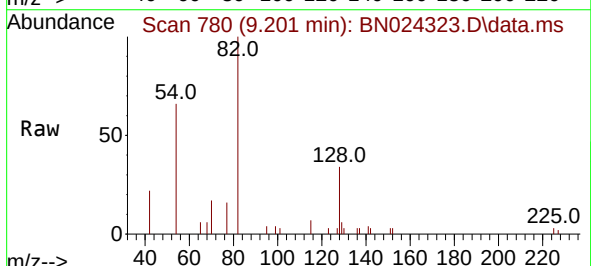
Manual Integrations
APPROVED

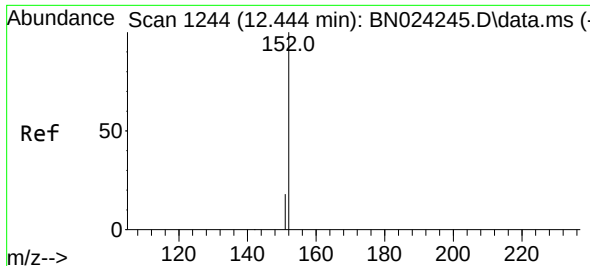
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#8
Nitrobenzene-d5
Concen: 0.155 ng m
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

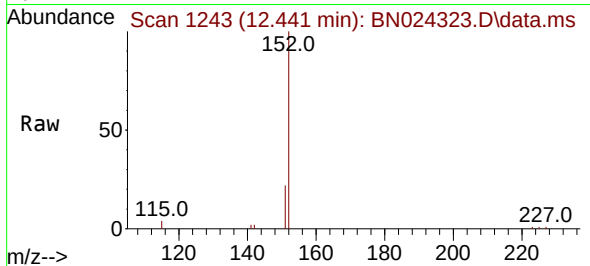
Tgt Ion:	82	Resp:	3252
Ion Ratio	Lower	Upper	
82	100		
128	33.6	32.4	48.6
54	66.3	45.2	67.8





#11
2-Methylnaphthalene-d10
Concen: 0.141 ng
RT: 12.441 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

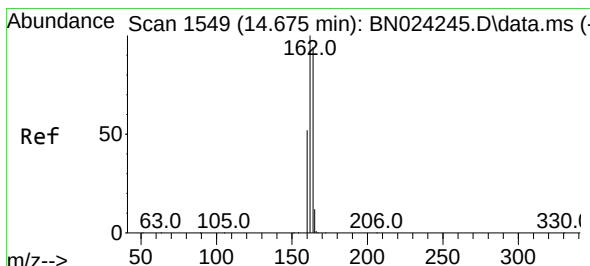
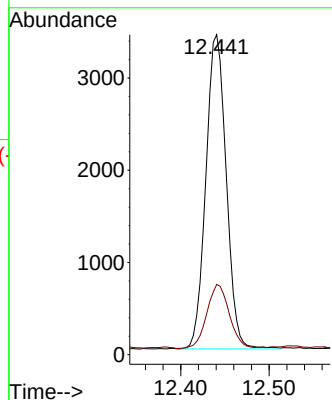
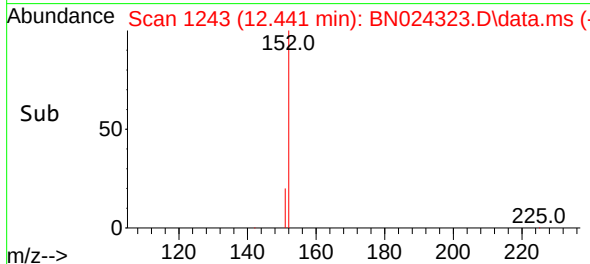
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230306DL



Tgt Ion:152 Resp: 5440
Ion Ratio Lower Upper
152 100
151 22.5 16.8 25.2

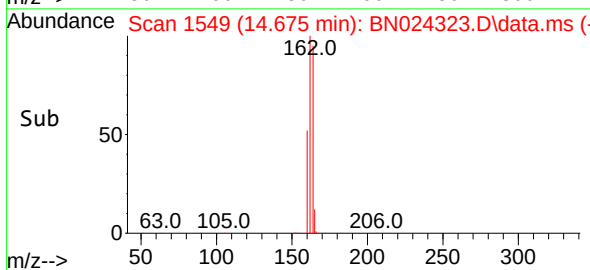
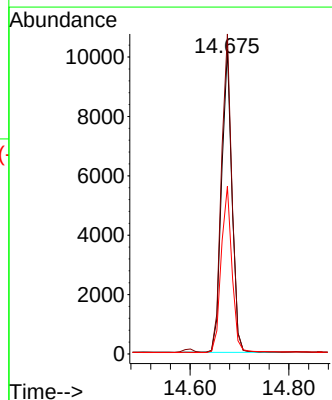
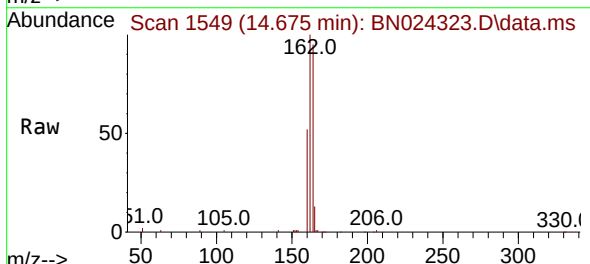
Manual Integrations
APPROVED

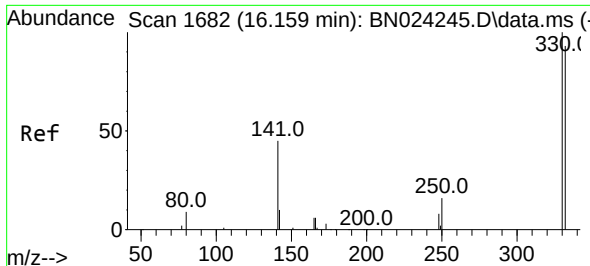
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

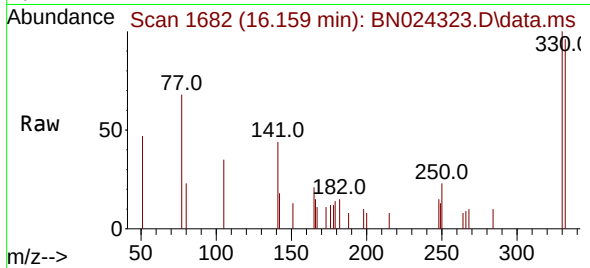
Tgt Ion:164 Resp: 14868
Ion Ratio Lower Upper
164 100
162 105.0 84.7 127.1
160 54.9 44.6 66.8





#14
2,4,6-Tribromophenol
Concen: 0.107 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

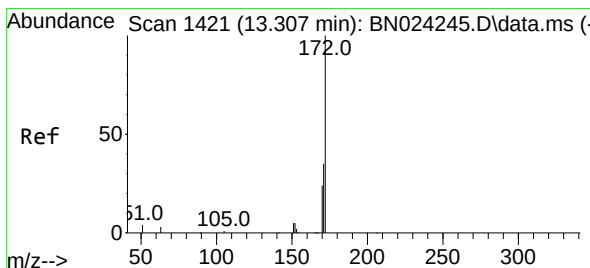
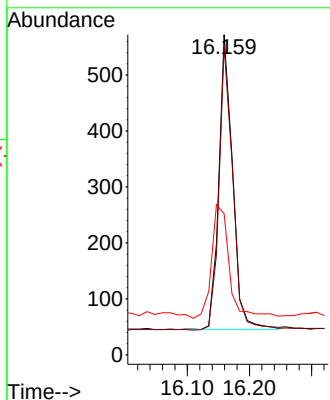
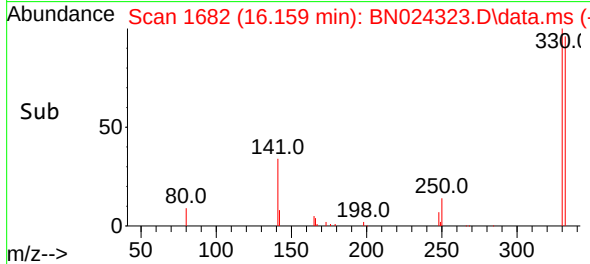
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230306DL



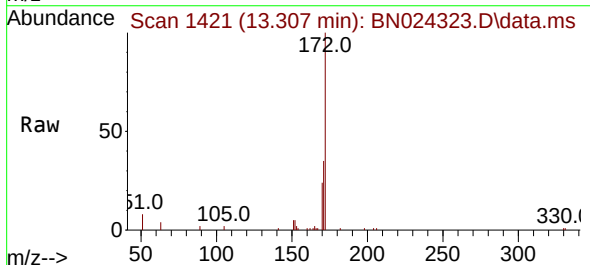
Tgt Ion:330 Resp: 810
Ion Ratio Lower Upper
330 100
332 95.6 78.0 117.0
141 49.5 30.8 46.2

Manual Integrations
APPROVED

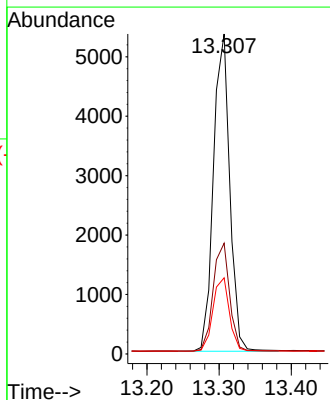
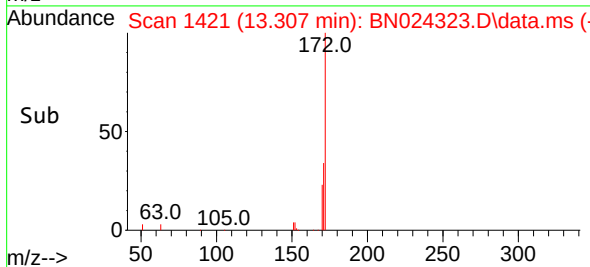
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

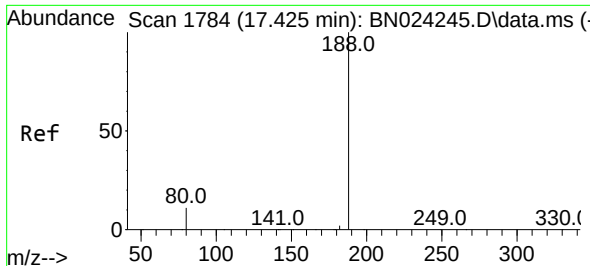


#15
2-Fluorobiphenyl
Concen: 0.149 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26



Tgt Ion:172 Resp: 8356
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.8 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: BN024323.D

Acq: 16 Mar 2023 22:26

Instrument :

BNA_N

ClientSampleId :

RE132D5-20230306DL

Tgt Ion:188 Resp: 29690

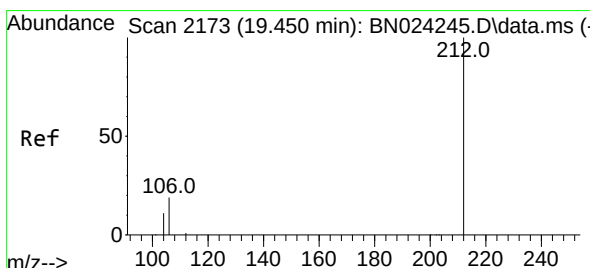
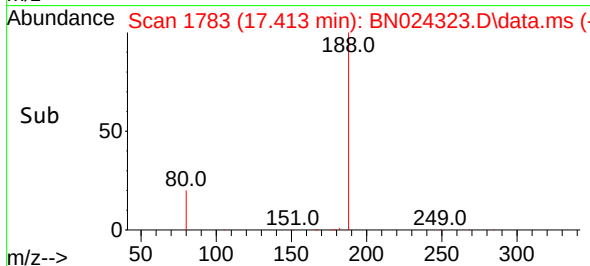
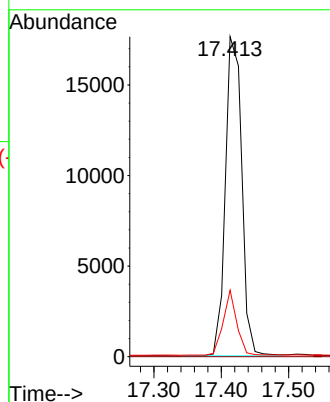
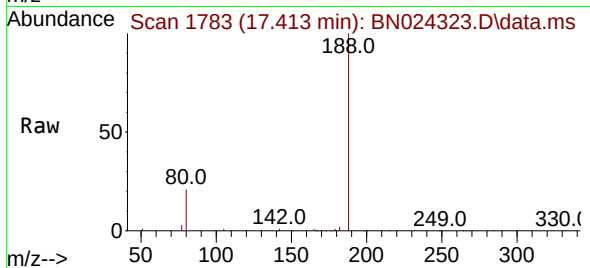
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	20.7	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#27

Fluoranthene-d10

Concen: 0.176 ng

RT: 19.446 min Scan# 2172

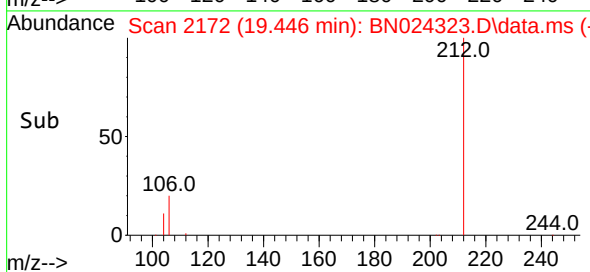
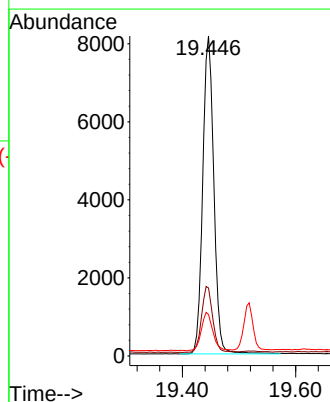
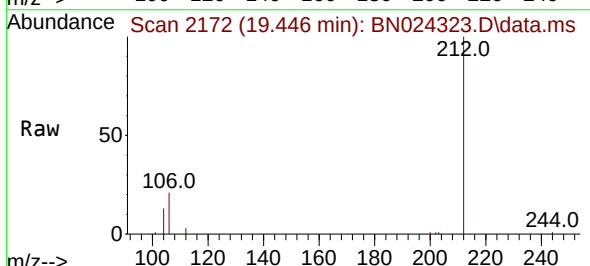
Delta R.T. 0.000 min

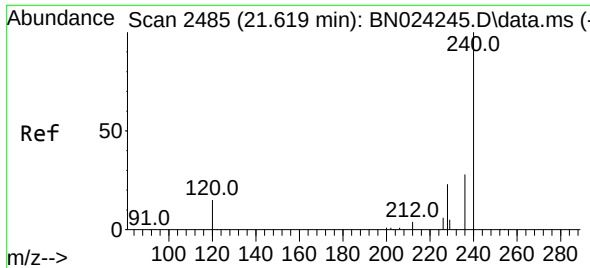
Lab File: BN024323.D

Acq: 16 Mar 2023 22:26

Tgt Ion:212 Resp: 11103

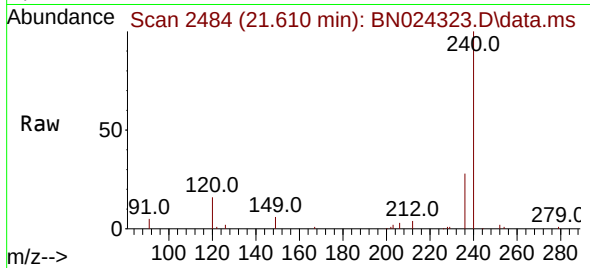
Ion	Ratio	Lower	Upper
212	100		
106	20.9	15.4	23.2
104	12.5	8.6	13.0





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

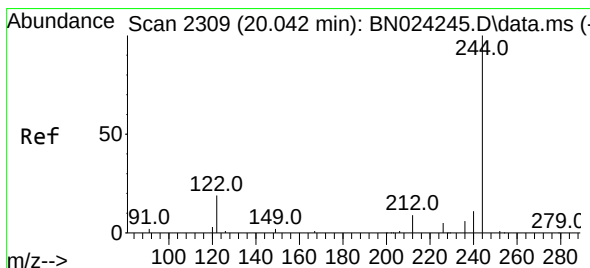
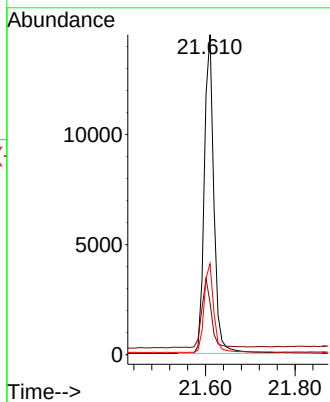
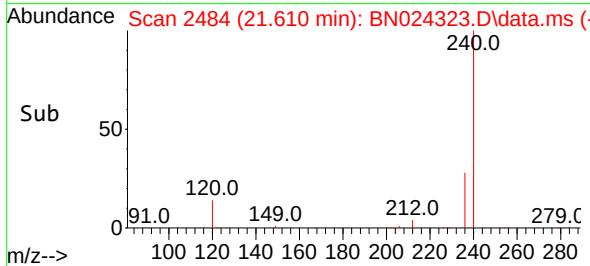
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230306DL



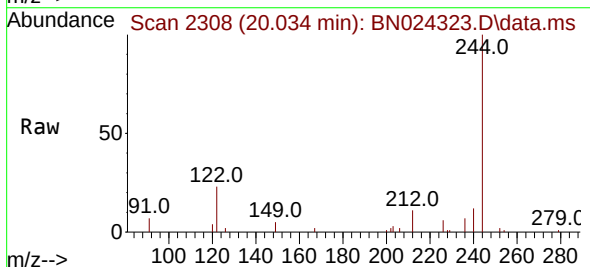
Tgt Ion:240 Resp: 21700
Ion Ratio Lower Upper
240 100
120 16.3 12.8 19.2
236 28.5 22.5 33.7

Manual Integrations
APPROVED

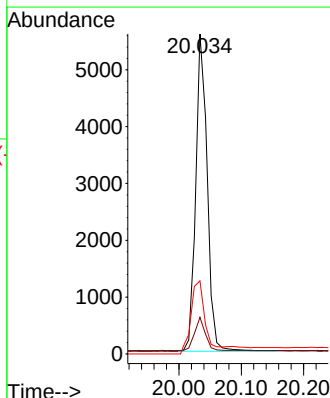
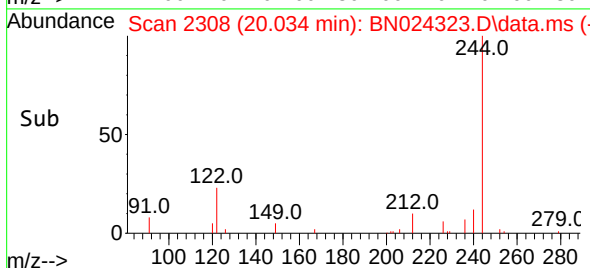
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

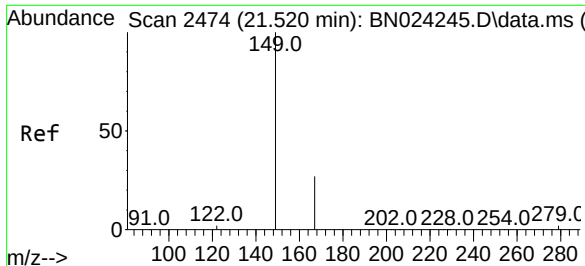


#31
Terphenyl-d14
Concen: 0.184 ng
RT: 20.034 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26



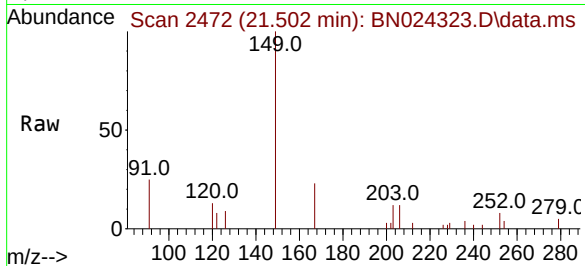
Tgt Ion:244 Resp: 6726
Ion Ratio Lower Upper
244 100
212 11.4 7.6 11.4#
122 22.9 15.1 22.7#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.074 ng
RT: 21.502 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

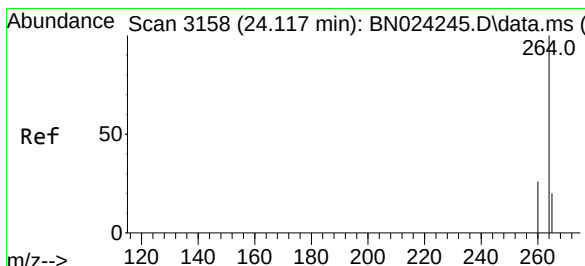
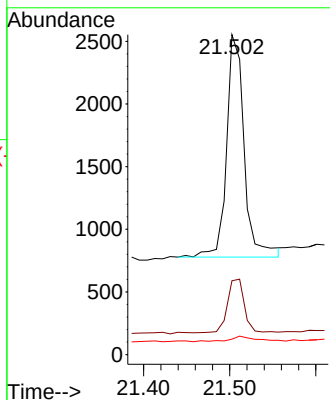
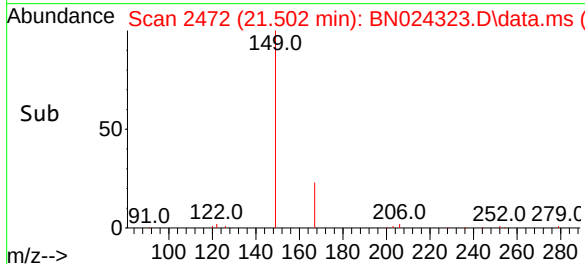
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230306DL



Tgt Ion:149 Resp: 2518
Ion Ratio Lower Upper
149 100
167 24.1 21.2 31.8
279 4.1 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: 24.120 min Scan# 3159
Delta R.T. 0.006 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

Tgt Ion:264 Resp: 15885
Ion Ratio Lower Upper
264 100
260 27.5 21.4 32.2
265 53.8 35.7 53.5

