

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042222\
 Data File : BN019534.D
 Acq On : 22 Apr 2022 23:37
 Operator : CG/JU
 Sample : N2516-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW172S1-270-272

Quant Time: Apr 23 05:32:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 17:50:10 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2022
 Supervised By : Jagrut Upadhyay 04/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	4326	0.400	ng	0.00
7) Naphthalene-d8	10.613	136	11486	0.400	ng	# 0.00
13) Acenaphthene-d10	14.450	164	6178	0.400	ng	0.00
19) Phenanthrene-d10	17.192	188	11871m	0.400	ng	0.00
29) Chrysene-d12	21.386	240	6697	0.400	ng	# 0.00
35) Perylene-d12	23.729	264	4481	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	2296	0.248	ng	0.00
5) Phenol-d6	6.996	99	954	0.090	ng	0.01
8) Nitrobenzene-d5	8.990	82	2721m	0.327	ng	0.01
11) 2-Methylnaphthalene-d10	12.206	152	8275	0.444	ng	0.00
14) 2,4,6-Tribromophenol	15.951	330	856	0.310	ng	0.00
15) 2-Fluorobiphenyl	13.082	172	11791	0.479	ng	0.00
27) Fluoranthene-d10	19.227	212	14508	0.418	ng	0.00
31) Terphenyl-d14	19.817	244	9241	0.611	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.204	88	17008	2.988	ng	97
34) Bis(2-ethylhexyl)phtha...	21.288	149	838	0.068	ng	# 93

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

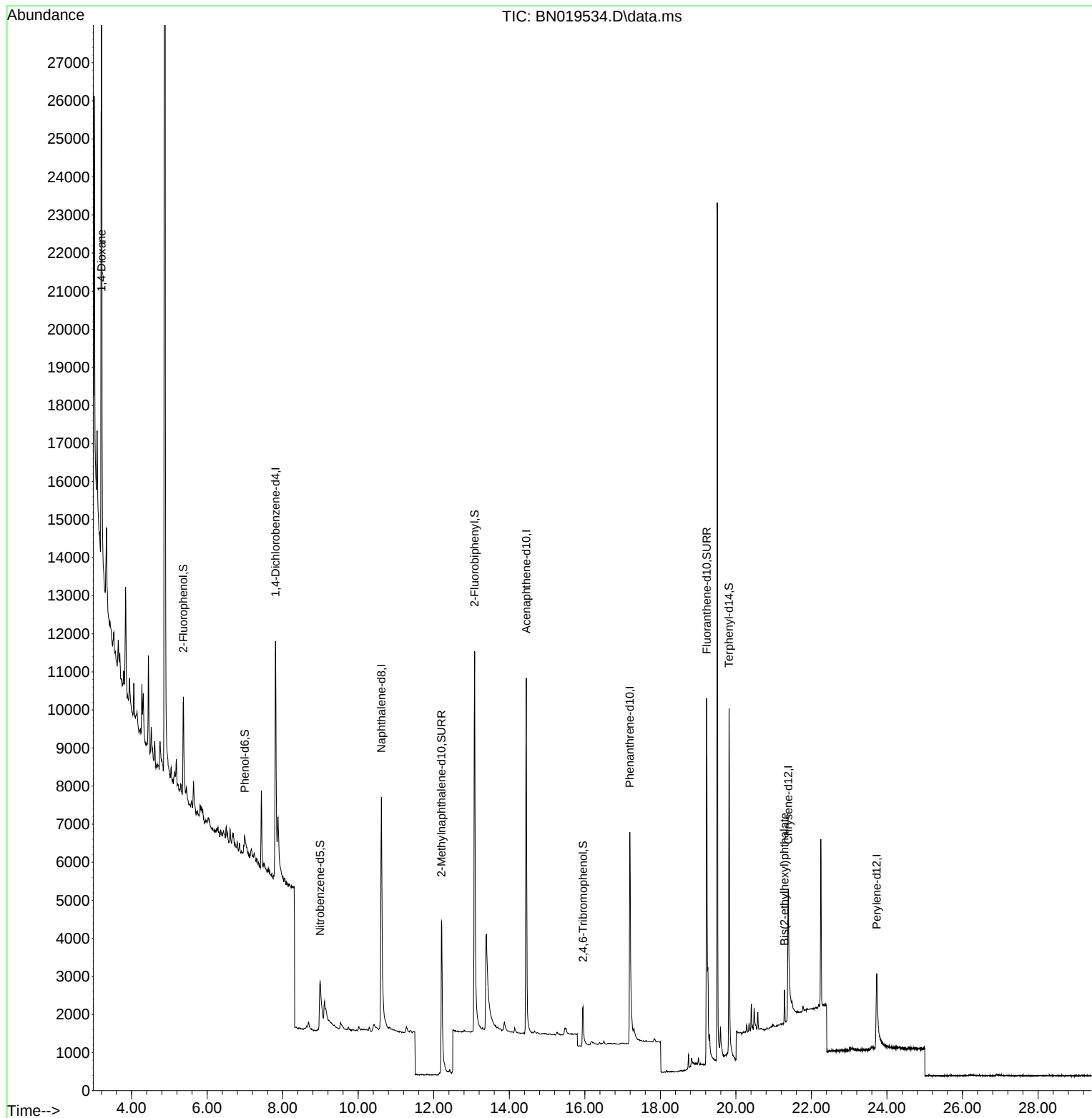
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042222\
Data File : BN019534.D
Acq On : 22 Apr 2022 23:37
Operator : CG/JU
Sample : N2516-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

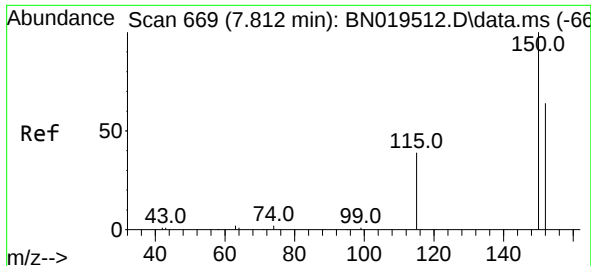
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW172S1-270-272

Quant Time: Apr 23 05:32:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 17:50:10 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

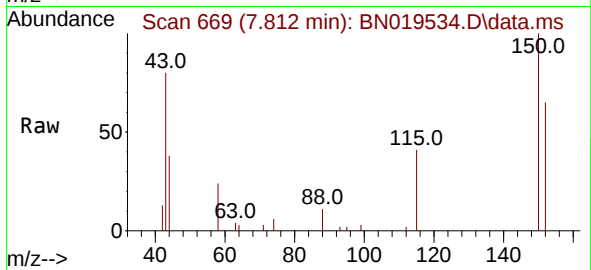
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.812 min Scan# 669
Delta R.T. 0.000 min
Lab File: BN019534.D
Acq: 22 Apr 2022 23:37

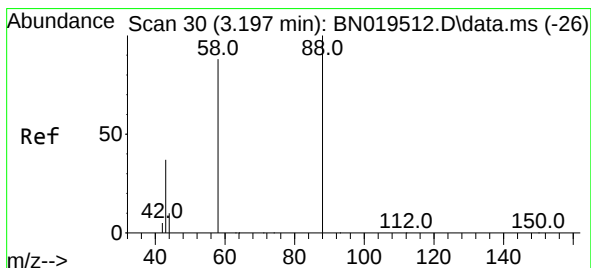
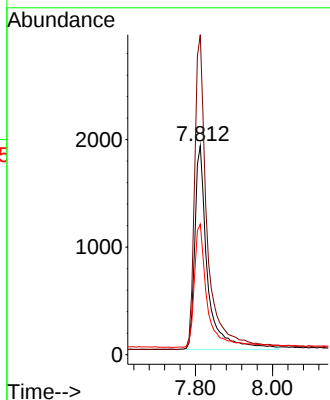
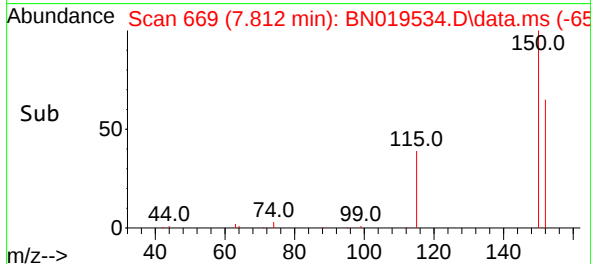
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW172S1-270-272



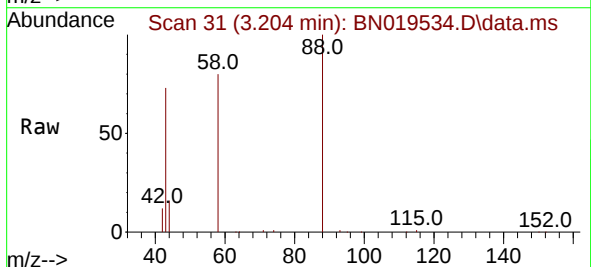
Tgt Ion: 152 Resp: 4320
Ion Ratio Lower Upper
152 100
150 153.1 123.9 185.9
115 62.4 48.2 72.4

Manual Integrations
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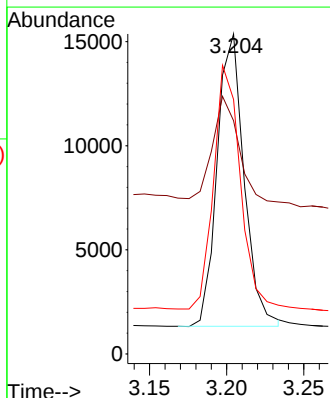
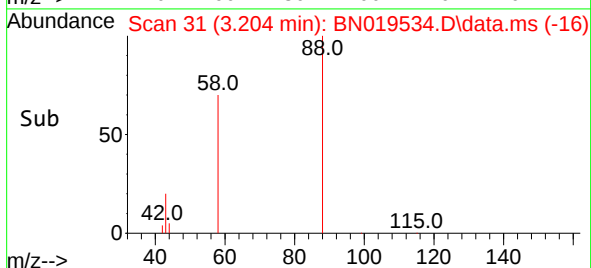
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

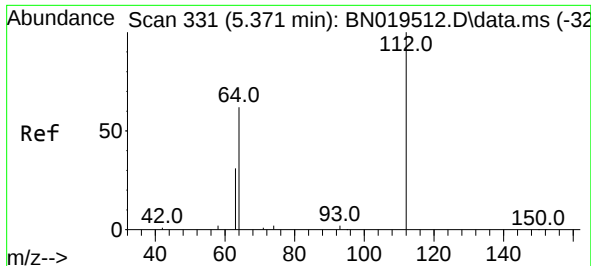


#2
1,4-Dioxane
Concen: 2.988 ng
RT: 3.204 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN019534.D
Acq: 22 Apr 2022 23:37



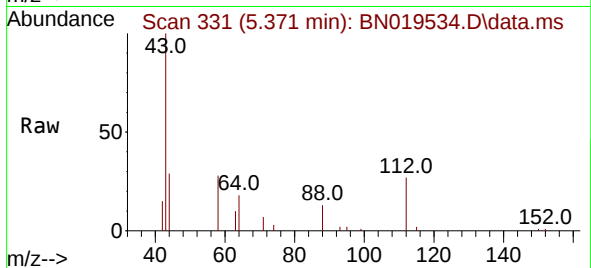
Tgt Ion: 88 Resp: 17008
Ion Ratio Lower Upper
88 100
43 34.8 24.6 37.0
58 82.5 65.4 98.2





#4
2-Fluorophenol
Concen: 0.248 ng
RT: 5.371 min Scan# 331
Delta R.T. 0.000 min
Lab File: BN019534.D
Acq: 22 Apr 2022 23:37

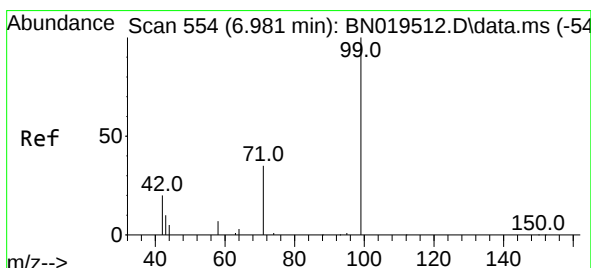
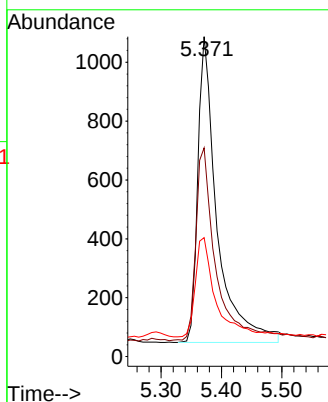
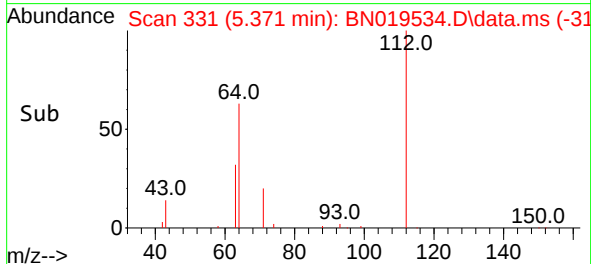
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW172S1-270-272



Tgt Ion: 112 Resp: 2290
Ion Ratio Lower Upper
112 100
64 64.8 47.8 71.8
63 34.5 25.7 38.5

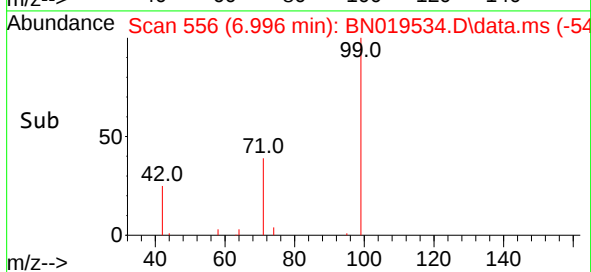
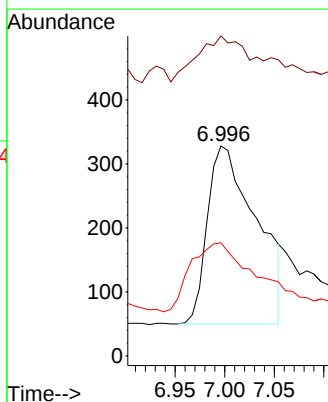
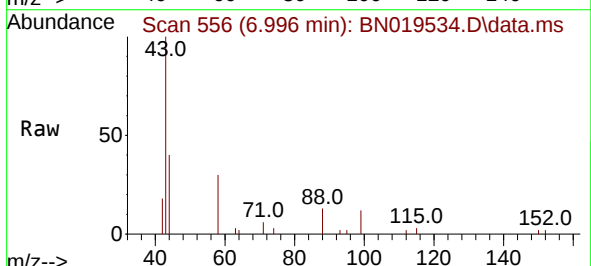
Manual Integrations
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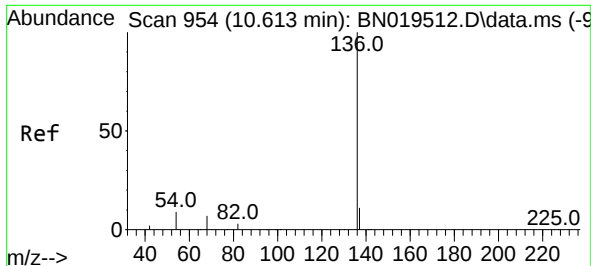
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#5
Phenol-d6
Concen: 0.090 ng
RT: 6.996 min Scan# 556
Delta R.T. 0.015 min
Lab File: BN019534.D
Acq: 22 Apr 2022 23:37

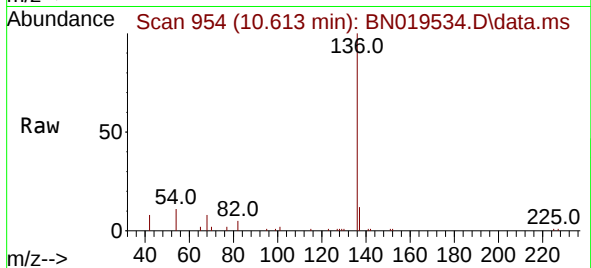
Tgt Ion: 99 Resp: 954
Ion Ratio Lower Upper
99 100
42 30.2 16.2 24.4#
71 48.8 27.7 41.5#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.613 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN019534.D
Acq: 22 Apr 2022 23:37

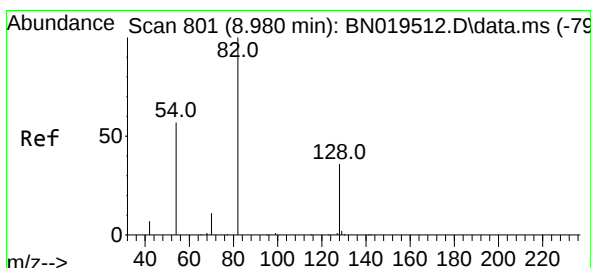
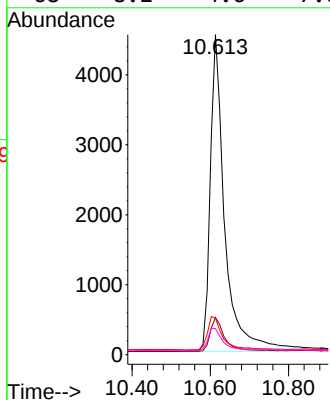
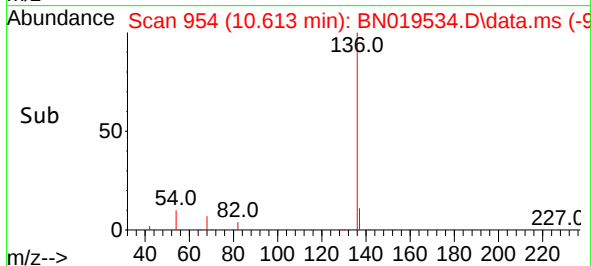
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW172S1-270-272



Tgt Ion:	136	Resp:	11480
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	11.4	5.8	8.6
68	8.2	4.6	7.0

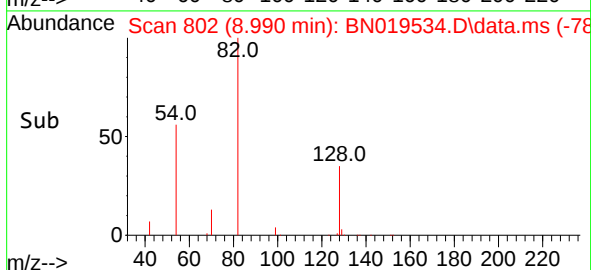
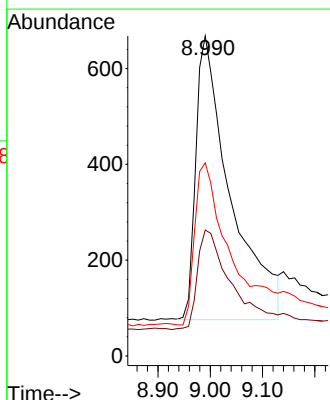
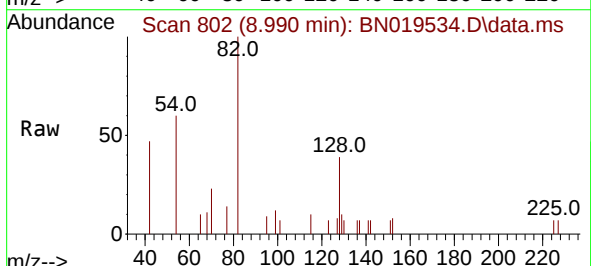
Manual Integrations
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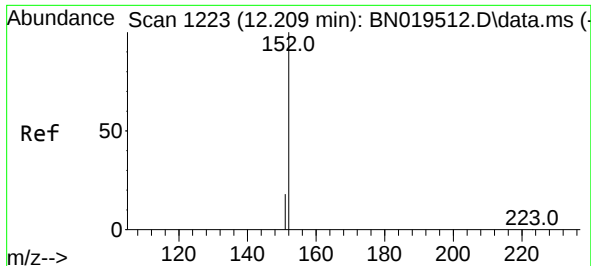
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#8
Nitrobenzene-d5
Concen: 0.327 ng m
RT: 8.990 min Scan# 802
Delta R.T. 0.011 min
Lab File: BN019534.D
Acq: 22 Apr 2022 23:37

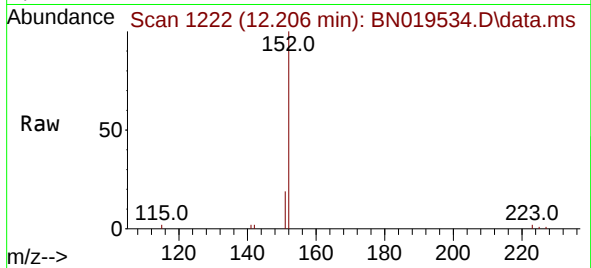
Tgt Ion:	82	Resp:	2721
Ion	Ratio	Lower	Upper
82	100		
128	39.4	33.0	49.6
54	60.3	42.5	63.7





#11
2-Methylnaphthalene-d10
Concen: 0.444 ng
RT: 12.206 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN019534.D
Acq: 22 Apr 2022 23:37

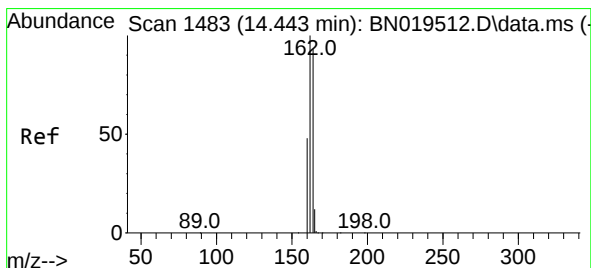
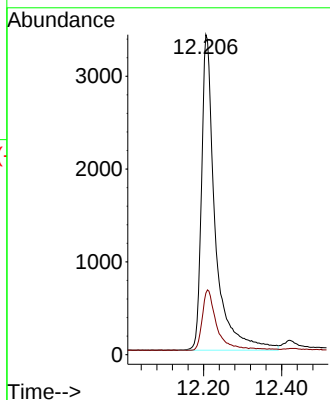
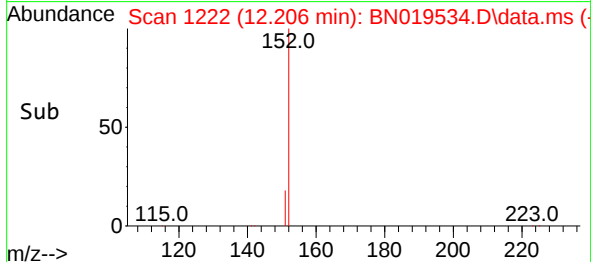
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW172S1-270-272



Tgt Ion:152 Resp: 827
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7

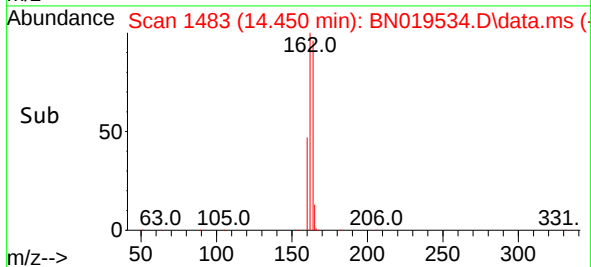
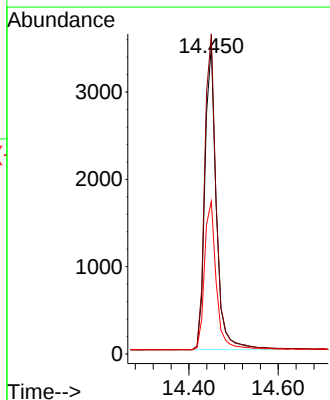
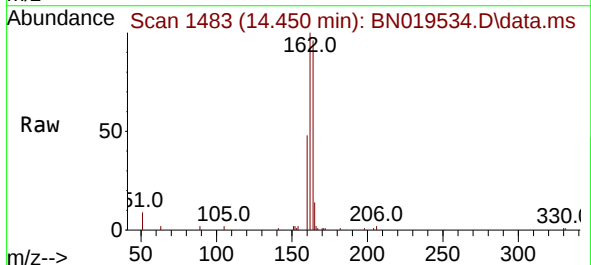
Manual Integrations
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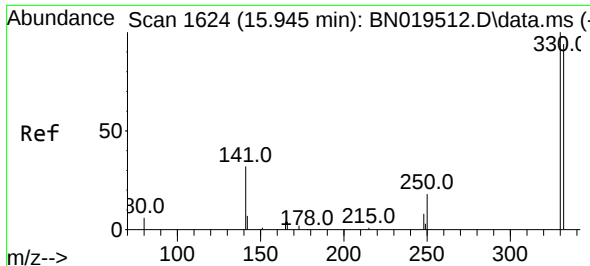
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.450 min Scan# 1483
Delta R.T. 0.007 min
Lab File: BN019534.D
Acq: 22 Apr 2022 23:37

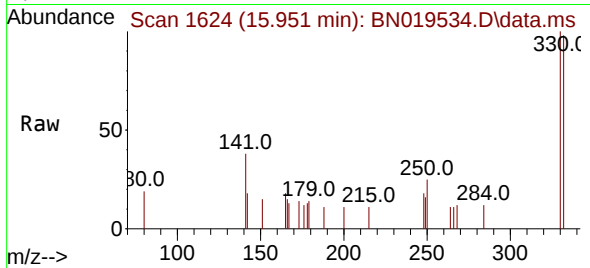
Tgt Ion:164 Resp: 6178
Ion Ratio Lower Upper
164 100
162 103.9 85.2 127.8
160 49.6 41.5 62.3





#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.951 min Scan# 1624
Delta R.T. 0.007 min
Lab File: BN019534.D
Acq: 22 Apr 2022 23:37

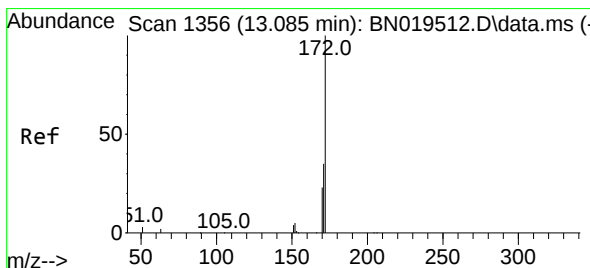
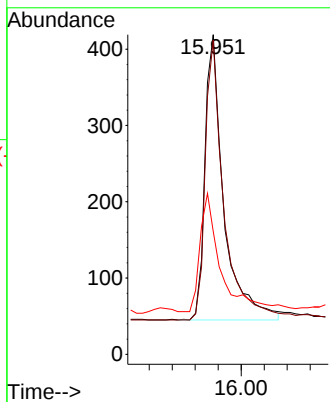
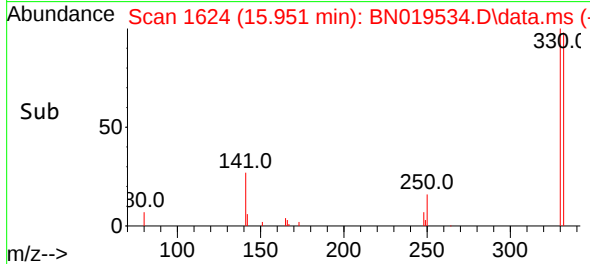
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW172S1-270-272



Tgt Ion: 330 Resp: 850
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 44.4 32.2 48.2

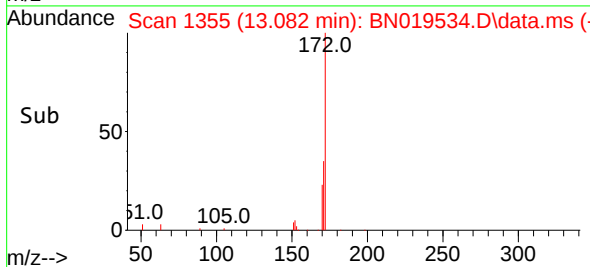
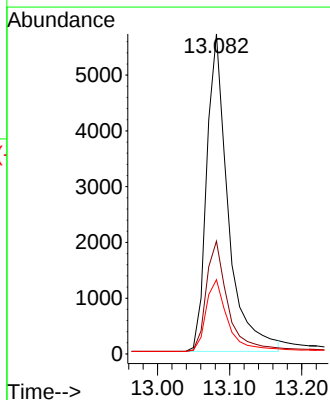
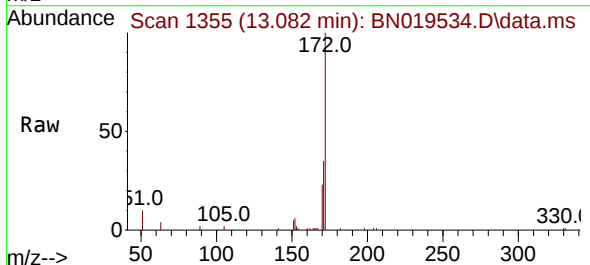
Manual Integrations
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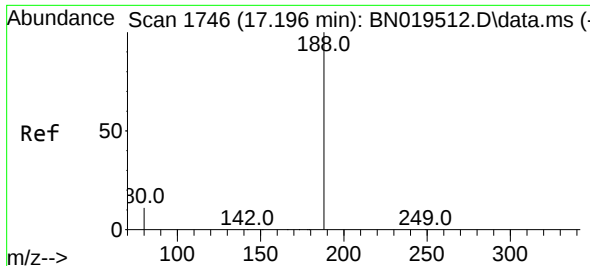
Reviewed By : Christian Giraldo 04/25/2022
Supervised By : Jagrut Upadhyay 04/25/2022



#15
2-Fluorobiphenyl
Concen: 0.479 ng
RT: 13.082 min Scan# 1355
Delta R.T. -0.004 min
Lab File: BN019534.D
Acq: 22 Apr 2022 23:37

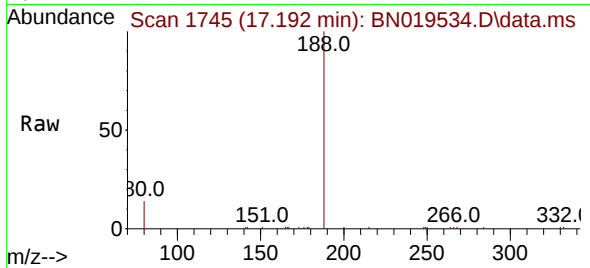
Tgt Ion: 172 Resp: 11791
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.2 18.7 28.1





#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 17.192 min Scan# 1187
Delta R.T. -0.004 min
Lab File: BN019534.D
Acq: 22 Apr 2022 23:37

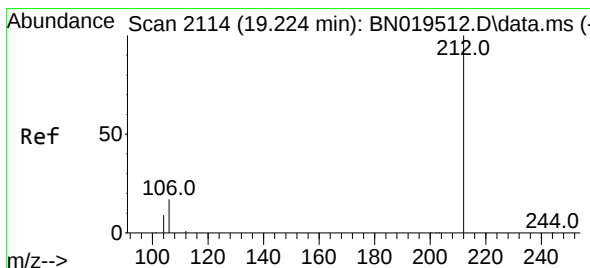
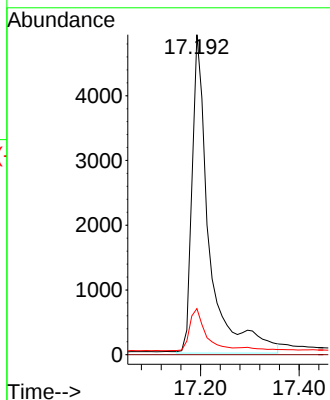
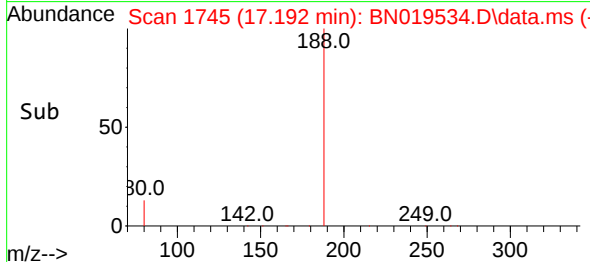
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW172S1-270-272



Tgt Ion:188 Resp: 1187
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 11.8 17.8

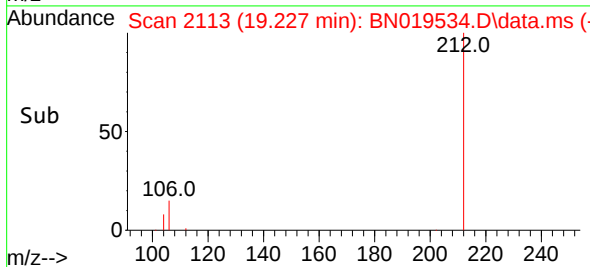
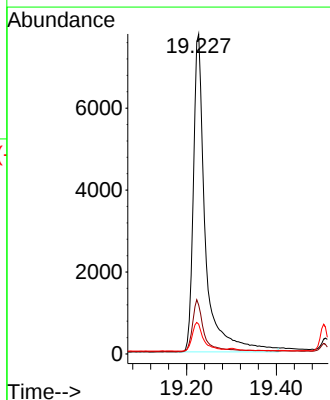
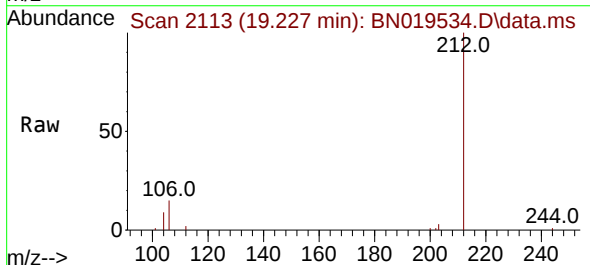
Manual Integrations
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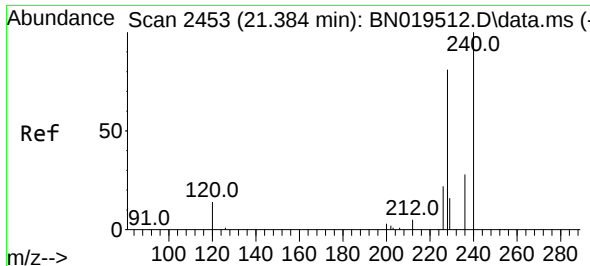
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#27
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.227 min Scan# 2113
Delta R.T. 0.002 min
Lab File: BN019534.D
Acq: 22 Apr 2022 23:37

Tgt Ion:212 Resp: 14508
Ion Ratio Lower Upper
212 100
106 15.6 12.7 19.1
104 8.7 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.386 min Scan# 2453

Delta R.T. 0.002 min

Lab File: BN019534.D

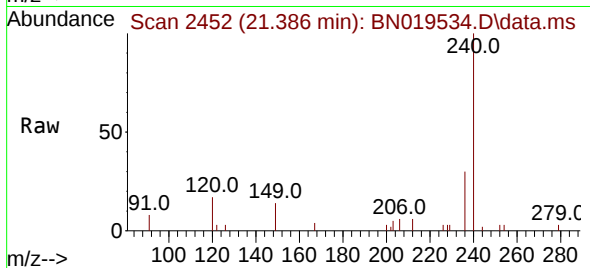
Acq: 22 Apr 2022 23:37

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW172S1-270-272



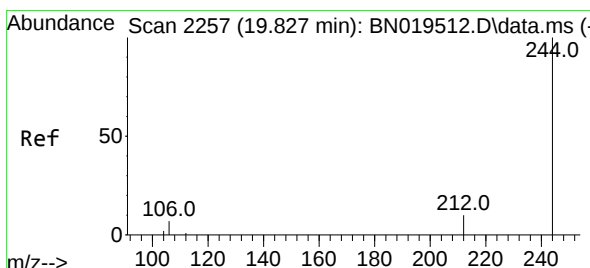
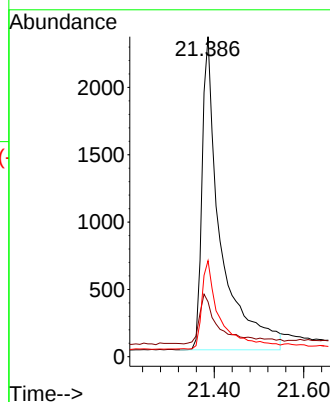
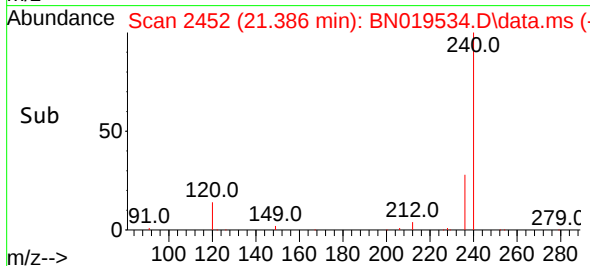
Tgt Ion:240	Resp:	669
Ion Ratio	Lower	Upper
240	100	
120	17.2	8.5 12.7
236	30.0	22.4 33.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2022

Supervised By :Jagrut Upadhyay 04/25/2022



#31

Terphenyl-d14

Concen: 0.611 ng

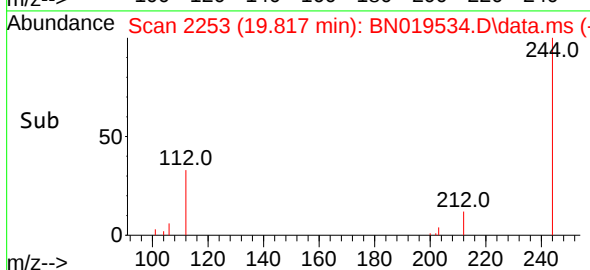
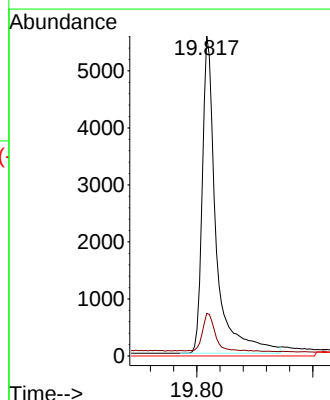
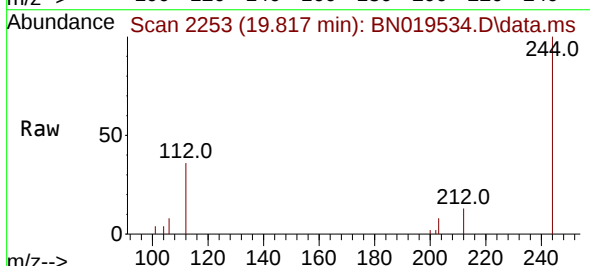
RT: 19.817 min Scan# 2253

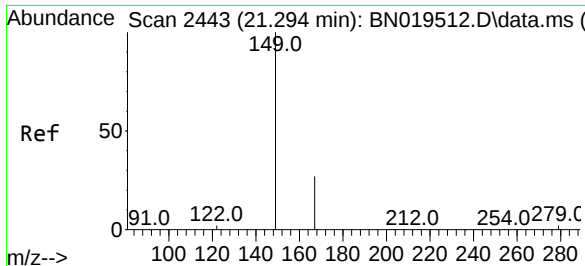
Delta R.T. -0.010 min

Lab File: BN019534.D

Acq: 22 Apr 2022 23:37

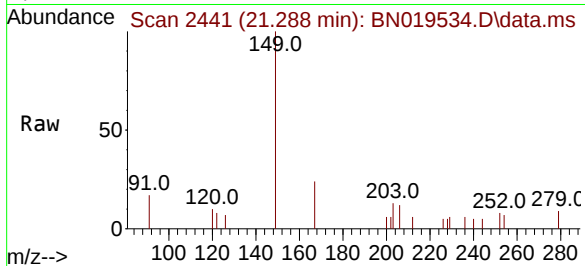
Tgt Ion:244	Resp:	9241
Ion Ratio	Lower	Upper
244	100	
212	13.3	8.2 12.4
122	0.0	0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.068 ng
RT: 21.288 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BN019534.D
Acq: 22 Apr 2022 23:37

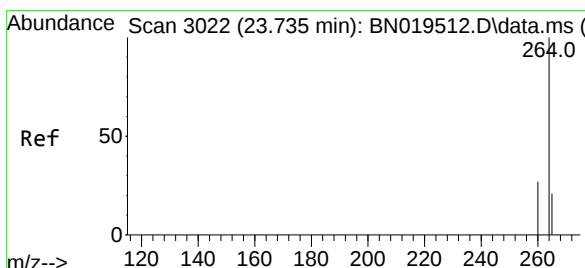
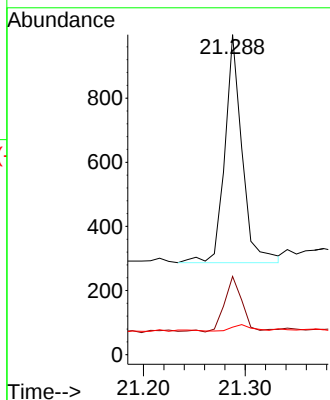
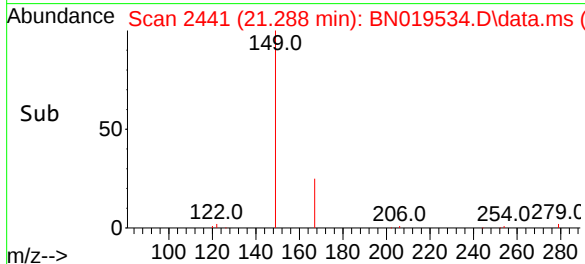
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW172S1-270-272



Tgt Ion:149 Resp: 838
Ion Ratio Lower Upper
149 100
167 23.6 21.8 32.8
279 3.1 2.0 3.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.729 min Scan# 3018
Delta R.T. -0.006 min
Lab File: BN019534.D
Acq: 22 Apr 2022 23:37

Tgt Ion:264 Resp: 4481
Ion Ratio Lower Upper
264 100
260 30.0 22.4 33.6
265 54.4 25.3 37.9

