

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
 Data File : BN019195.D
 Acq On : 28 Mar 2022 14:32
 Operator : CG/JU
 Sample : N1870-05DL 50X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WPDL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/29/2022
 Supervised By : Jagrut Upadhyay 03/29/2022

Quant Time: Mar 28 15:09:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	3953	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10380	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	6239	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	12902	0.400	ng	# 0.00
29) Chrysene-d12	21.413	240	10130	0.400	ng	# 0.00
35) Perylene-d12	23.790	264	8049	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	26813	2.871	ng	0.00
5) Phenol-d6	7.002	99	28194	2.637	ng	0.00
8) Nitrobenzene-d5	8.993	82	13953	1.734	ng	0.00
11) 2-Methylnaphthalene-d10	12.269	152	5	0.000	ng	0.03
14) 2,4,6-Tribromophenol	15.974	330	7779	2.565	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	48010	1.831	ng	0.00
27) Fluoranthene-d10	19.261	212	15	0.000	ng	0.00
31) Terphenyl-d14	19.855	244	43431	1.920	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.550	42	10336	1.757	ng	# 97
12) 2-Methylnaphthalene	12.310	142	50498	2.629	ng	99

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

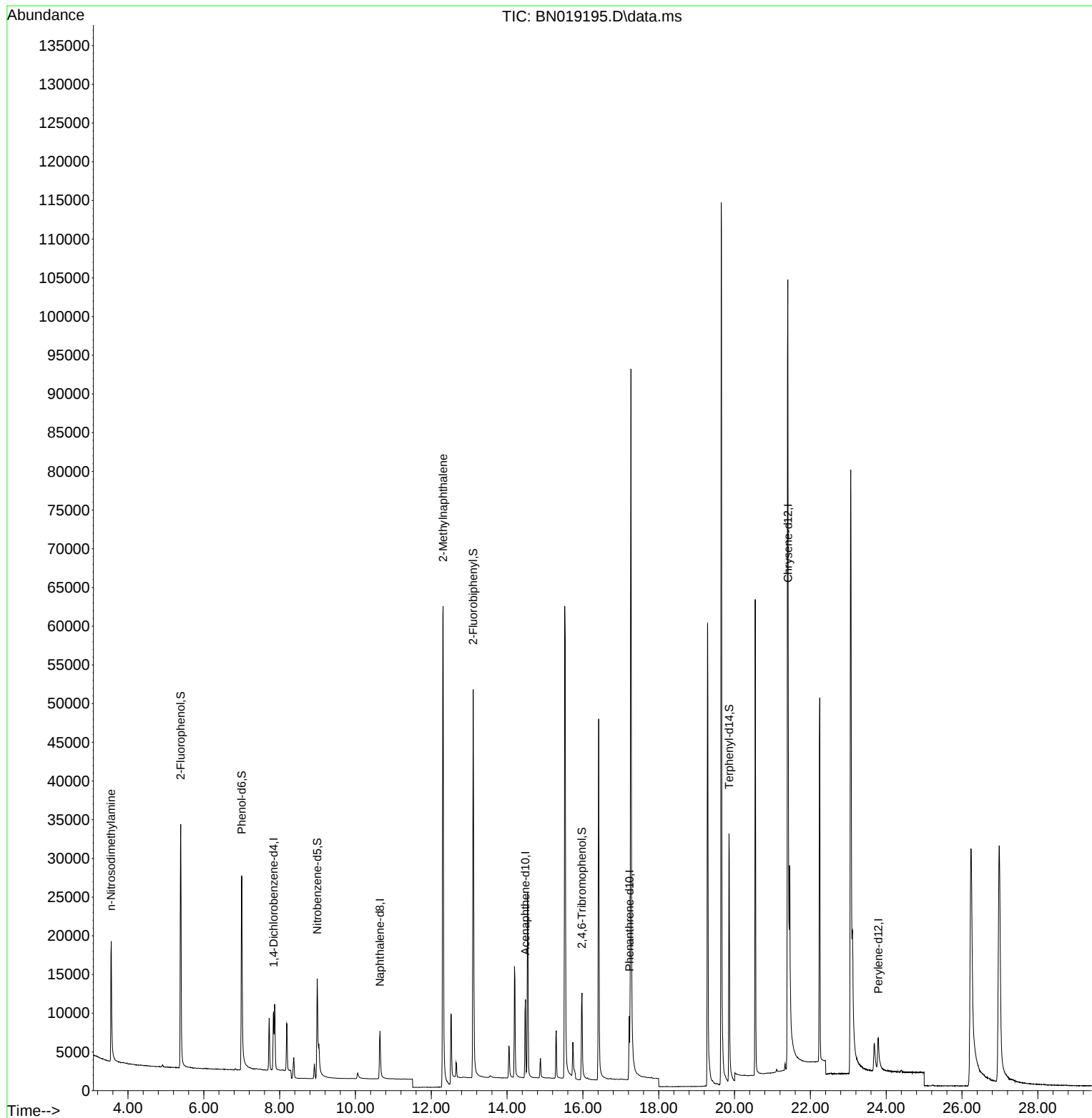
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
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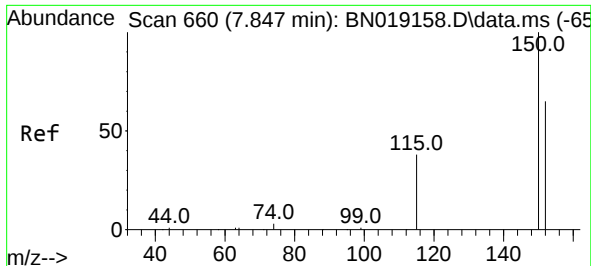
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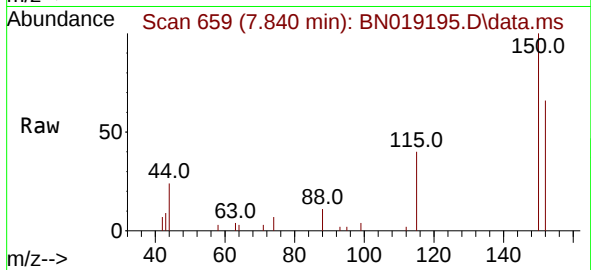
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN019195.D
Acq: 28 Mar 2022 14:32

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

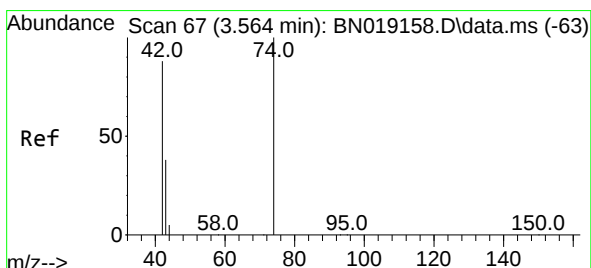
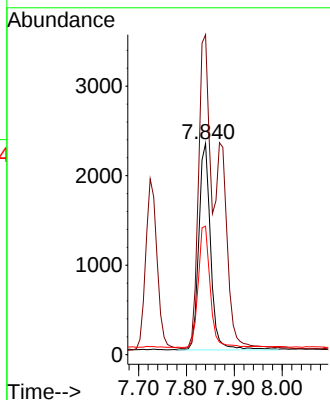
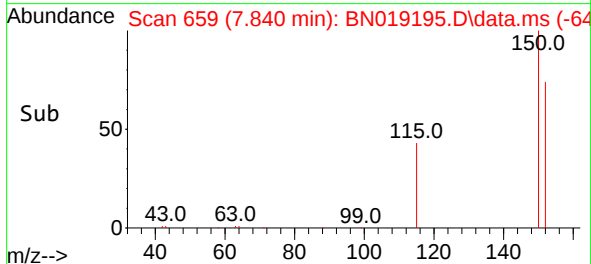


Tgt Ion: 152 Resp: 395
Ion Ratio Lower Upper
152 100
150 151.5 123.9 185.9
115 60.8 48.2 72.4

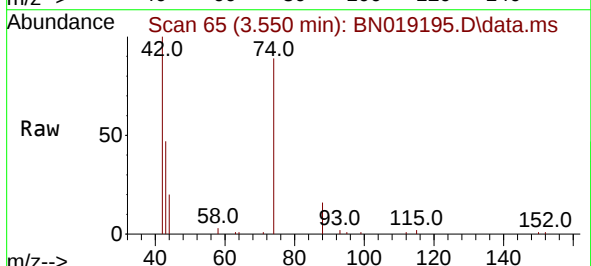
Manual Integrations

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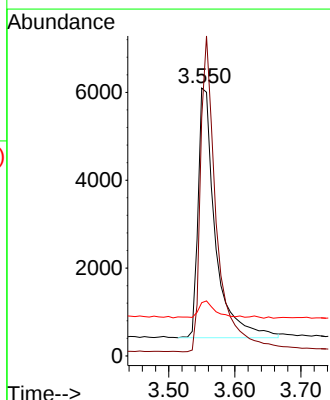
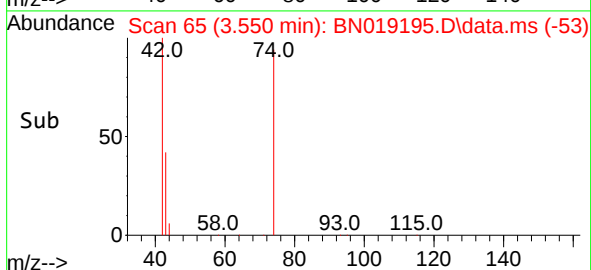
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022

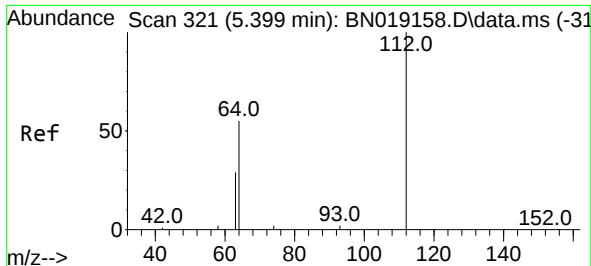


#3
n-Nitrosodimethylamine
Concen: 1.757 ng
RT: 3.550 min Scan# 65
Delta R.T. -0.014 min
Lab File: BN019195.D
Acq: 28 Mar 2022 14:32



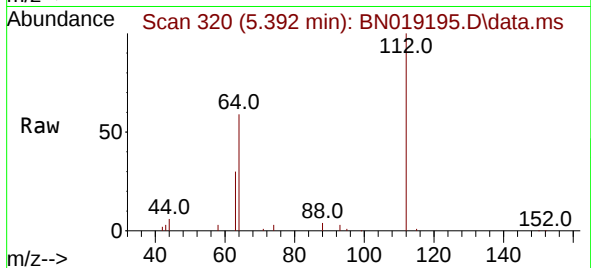
Tgt Ion: 42 Resp: 10336
Ion Ratio Lower Upper
42 100
74 118.6 96.9 145.3
44 6.8 7.3 10.9





#4
2-Fluorophenol
Concen: 2.871 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN019195.D
Acq: 28 Mar 2022 14:32

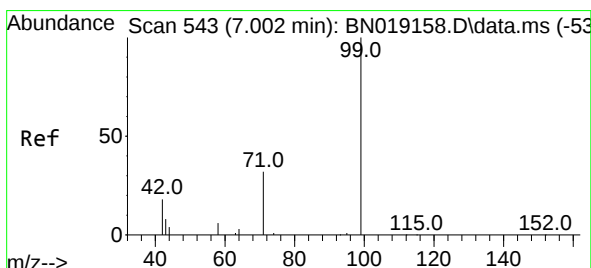
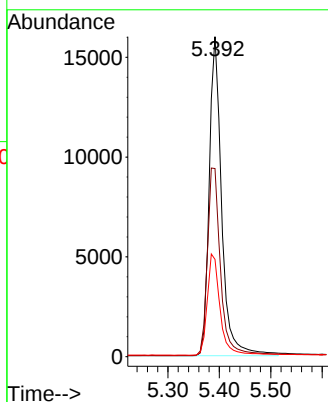
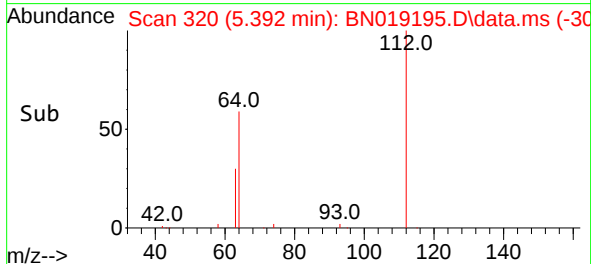
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 112 Resp: 2681
Ion Ratio Lower Upper
112 100
64 62.4 47.8 71.8
63 32.9 25.7 38.5

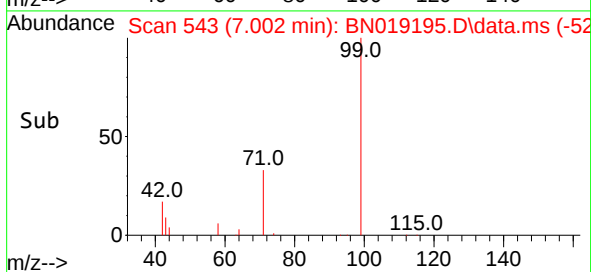
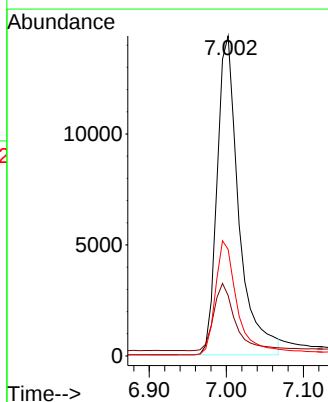
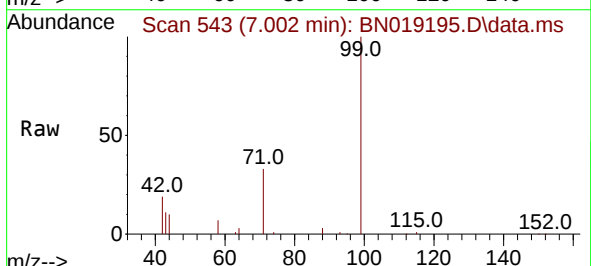
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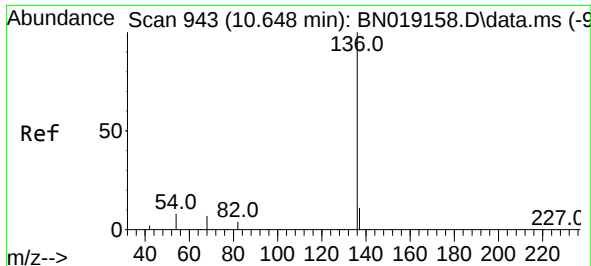
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#5
Phenol-d6
Concen: 2.637 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN019195.D
Acq: 28 Mar 2022 14:32

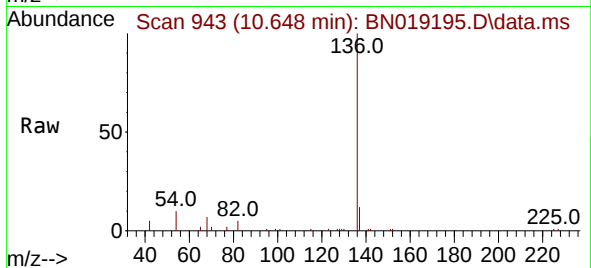
Tgt Ion: 99 Resp: 28194
Ion Ratio Lower Upper
99 100
42 20.8 16.2 24.4
71 35.7 27.7 41.5





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019195.D
Acq: 28 Mar 2022 14:32

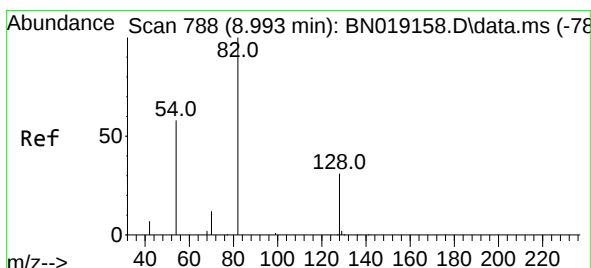
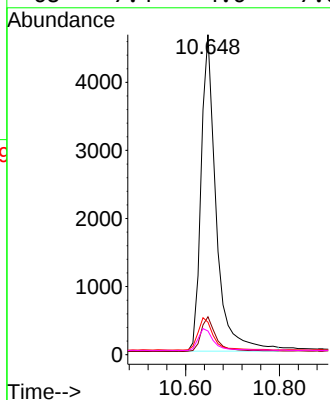
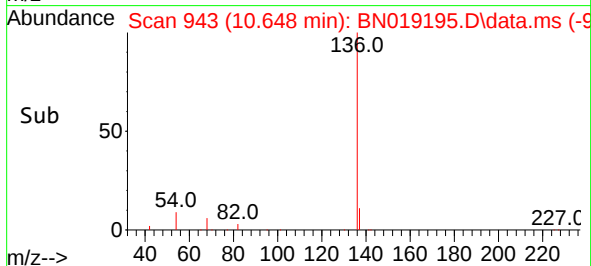
Instrument :
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ClientSampleId :
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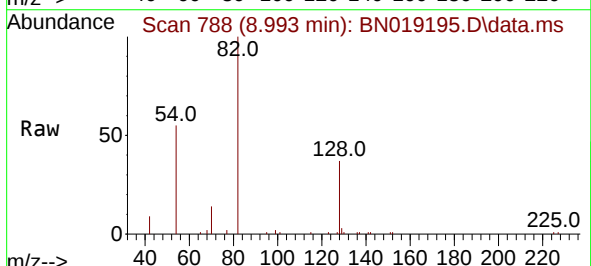
Tgt Ion:136 Resp: 10380
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.4
54 10.2 5.8 8.6
68 7.4 4.6 7.0

Manual Integrations
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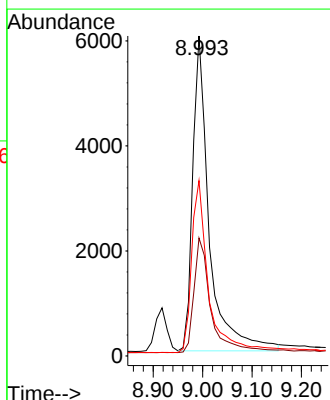
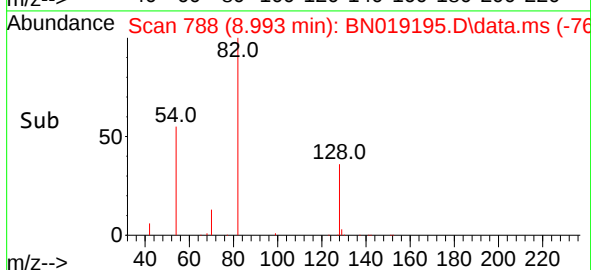
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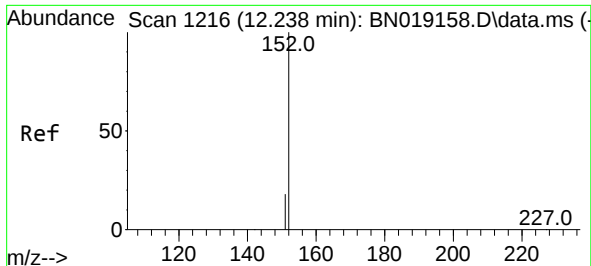


#8
Nitrobenzene-d5
Concen: 1.734 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019195.D
Acq: 28 Mar 2022 14:32



Tgt Ion: 82 Resp: 13953
Ion Ratio Lower Upper
82 100
128 36.9 33.0 49.6
54 54.8 42.5 63.7





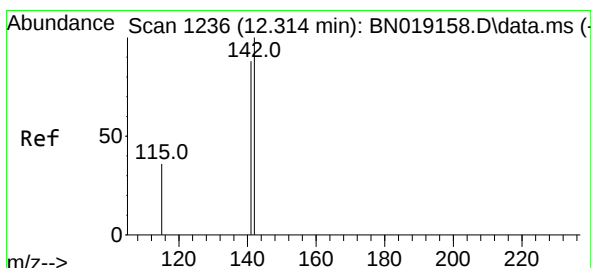
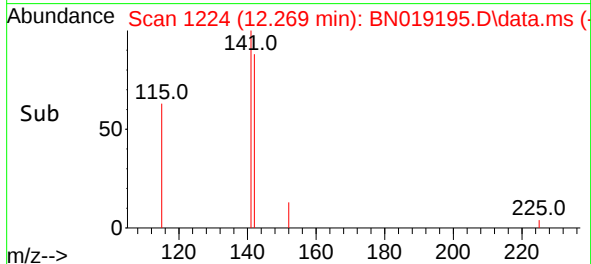
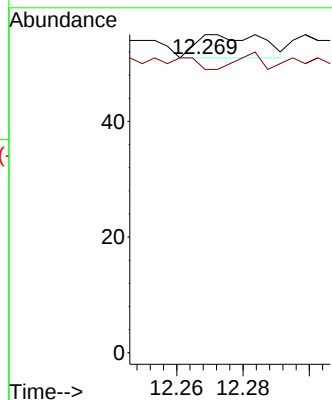
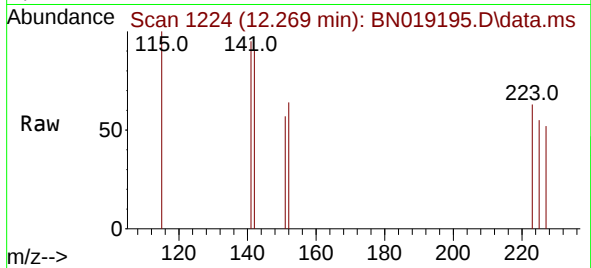
#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.269 min Scan# 1224
Delta R.T. 0.030 min
Lab File: BN019195.D
Acq: 28 Mar 2022 14:32

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

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

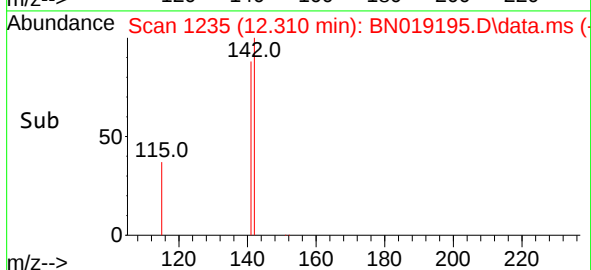
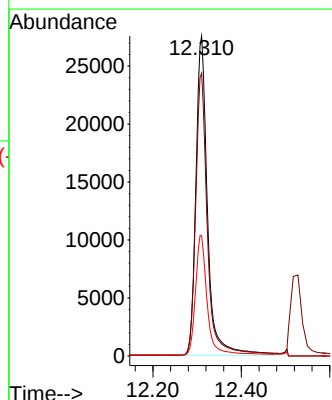
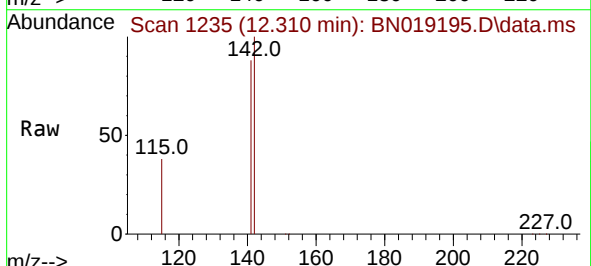
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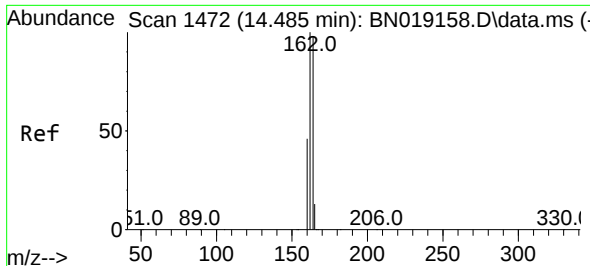
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#12
2-Methylnaphthalene
Concen: 2.629 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN019195.D
Acq: 28 Mar 2022 14:32

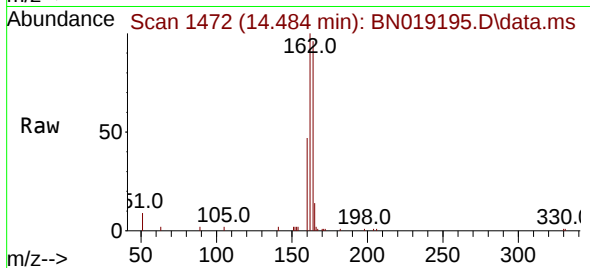
Tgt Ion:142 Resp: 50498
Ion Ratio Lower Upper
142 100
141 88.3 70.0 105.0
115 37.5 29.8 44.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019195.D
Acq: 28 Mar 2022 14:32

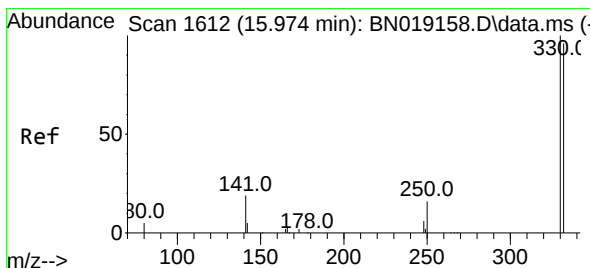
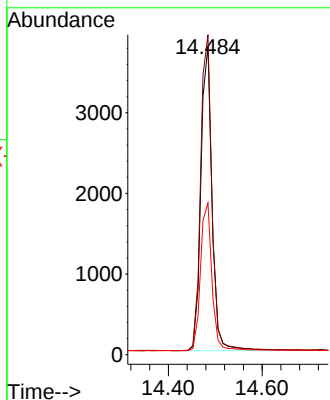
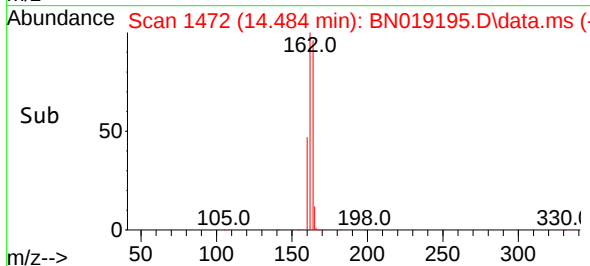
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BNA_N
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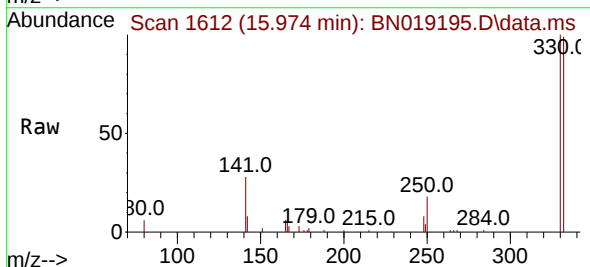
Tgt Ion:164 Resp: 6239
Ion Ratio Lower Upper
164 100
162 103.7 85.2 127.8
160 49.2 41.5 62.3

Manual Integrations
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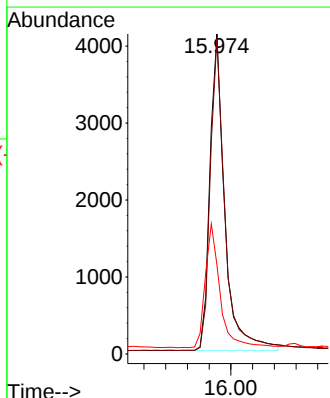
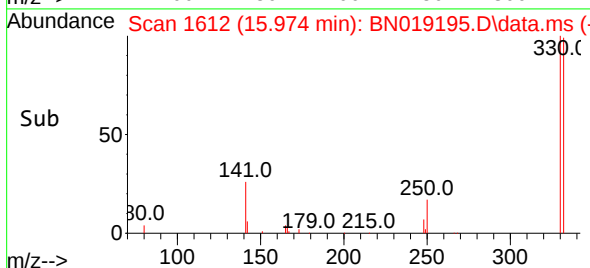
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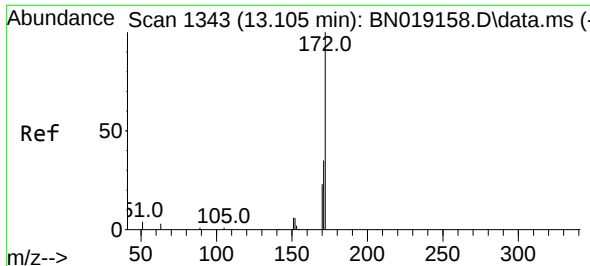


#14
2,4,6-Tribromophenol
Concen: 2.565 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN019195.D
Acq: 28 Mar 2022 14:32



Tgt Ion:330 Resp: 7779
Ion Ratio Lower Upper
330 100
332 97.9 76.8 115.2
141 39.1 32.2 48.2





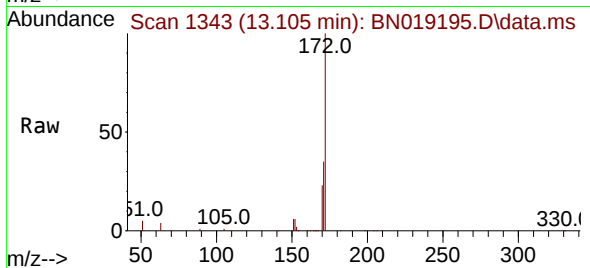
#15
2-Fluorobiphenyl
Concen: 1.831 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019195.D
Acq: 28 Mar 2022 14:32

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

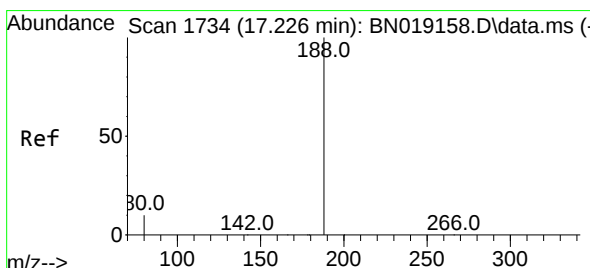
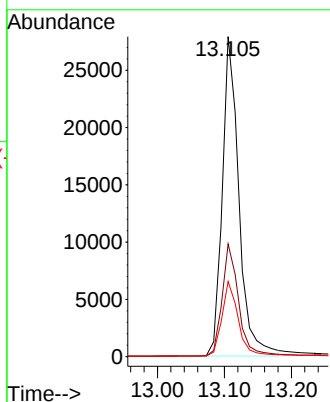
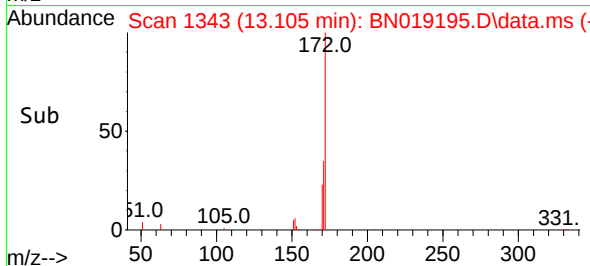


Tgt Ion:172 Resp: 48010
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.5 18.7 28.1

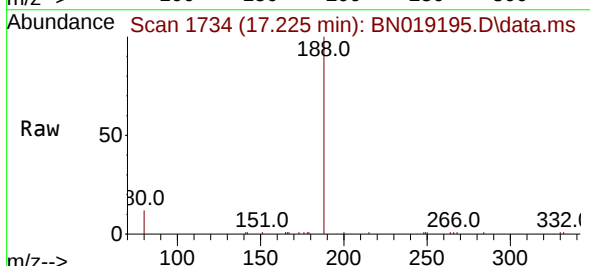
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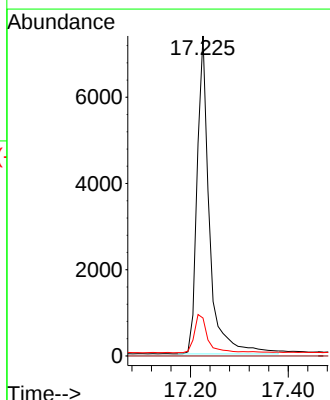
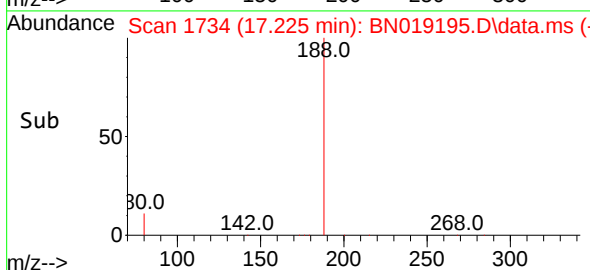
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Supervised By :Jagrut Upadhyay 03/29/2022

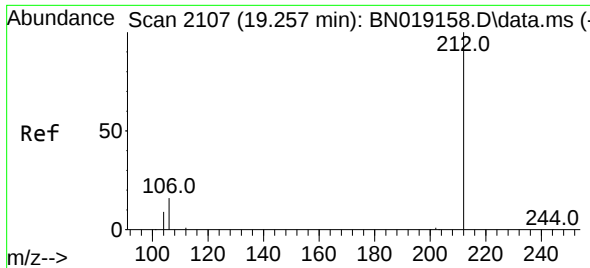


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN019195.D
Acq: 28 Mar 2022 14:32



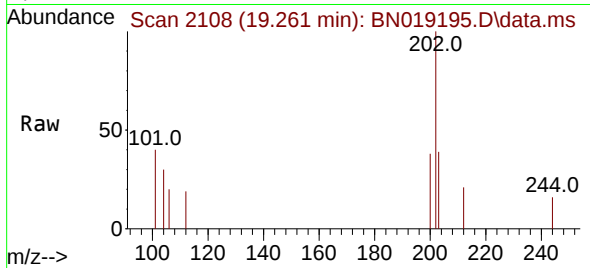
Tgt Ion:188 Resp: 12902
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 11.8 17.8#





#27
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.261 min Scan# 2108
Delta R.T. 0.004 min
Lab File: BN019195.D
Acq: 28 Mar 2022 14:32

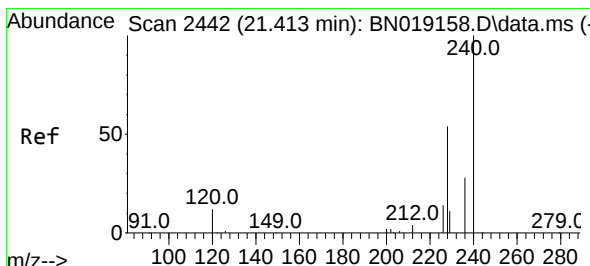
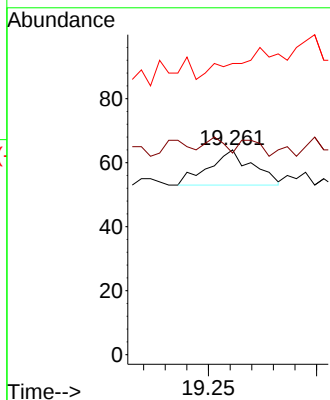
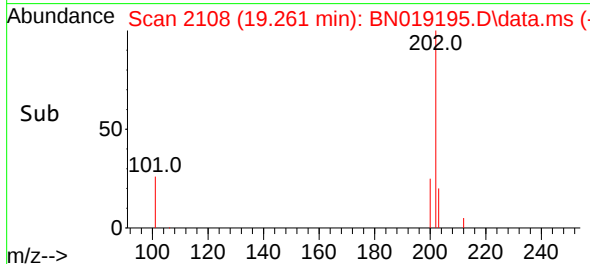
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL



Tgt Ion:212 Resp: 19.1
Ion Ratio Lower Upper
212 100
106 26.7 12.7 19.1
104 0.0 7.1 10.7

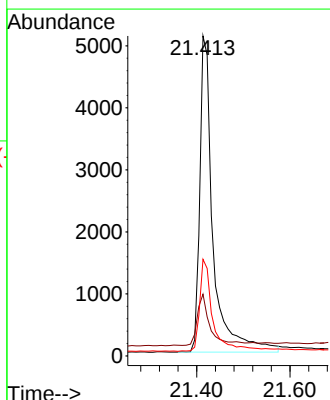
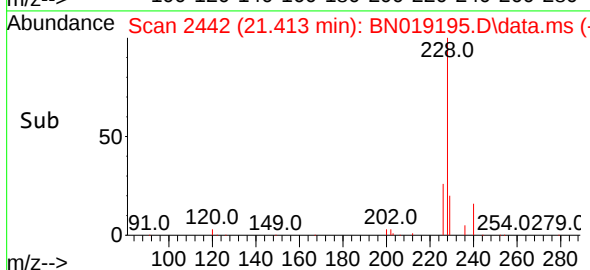
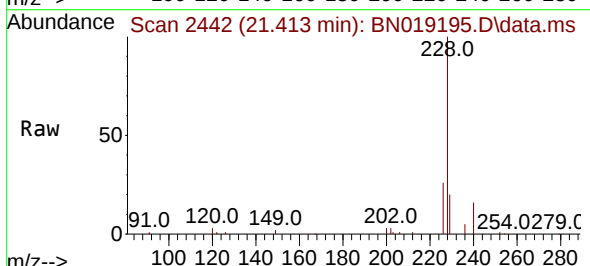
Manual Integrations
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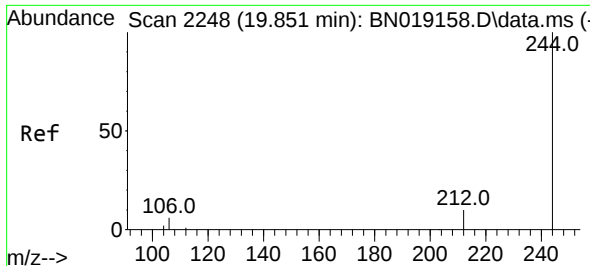
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019195.D
Acq: 28 Mar 2022 14:32

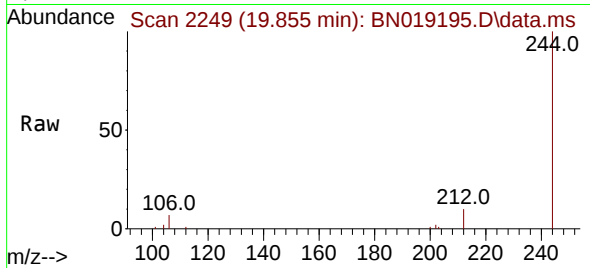
Tgt Ion:240 Resp: 10130
Ion Ratio Lower Upper
240 100
120 19.3 8.5 12.7#
236 30.2 22.4 33.6





#31
Terphenyl-d14
Concen: 1.920 ng
RT: 19.855 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN019195.D
Acq: 28 Mar 2022 14:32

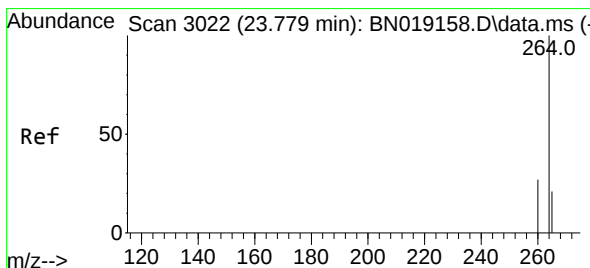
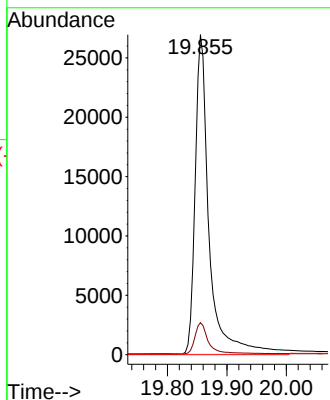
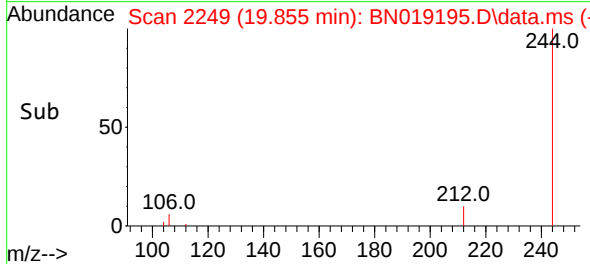
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL



Tgt Ion:244 Resp: 4343
Ion Ratio Lower Upper
244 100
212 10.0 8.2 12.4
122 0.0 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.790 min Scan# 3026
Delta R.T. 0.012 min
Lab File: BN019195.D
Acq: 28 Mar 2022 14:32

Tgt Ion:264 Resp: 8049
Ion Ratio Lower Upper
264 100
260 28.7 22.4 33.6
265 63.1 25.3 37.9#

