

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
 Data File : BN019151.D
 Acq On : 25 Mar 2022 07:54
 Operator : CG/JU
 Sample : N2075-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20220322

Quant Time: Mar 25 08:24:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/25/2022
 Supervised By : Jagrut Upadhyay 03/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4199	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10768	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	6402	0.400	ng	-0.01
19) Phenanthrene-d10	17.226	188	12778	0.400	ng	-0.01
29) Chrysene-d12	21.422	240	10059	0.400	ng	# 0.00
35) Perylene-d12	23.782	264	7970	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	988	0.105	ng	0.00
5) Phenol-d6	7.024	99	444	0.045	ng	0.01
8) Nitrobenzene-d5	9.025	82	1637m	0.211	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	5151	0.288	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	627	0.203	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	7244	0.282	ng	-0.01
27) Fluoranthene-d10	19.261	212	17984	0.474	ng	0.00
31) Terphenyl-d14	19.856	244	9931	0.402	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	3905	0.752	ng	# 95
6) bis(2-Chloroethyl)ether	7.269	93	400	0.034	ng	97
28) Fluoranthene	19.291	202	1034	0.022	ng	97
34) Bis(2-ethylhexyl)phtha...	21.324	149	1429	0.070	ng	# 99

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

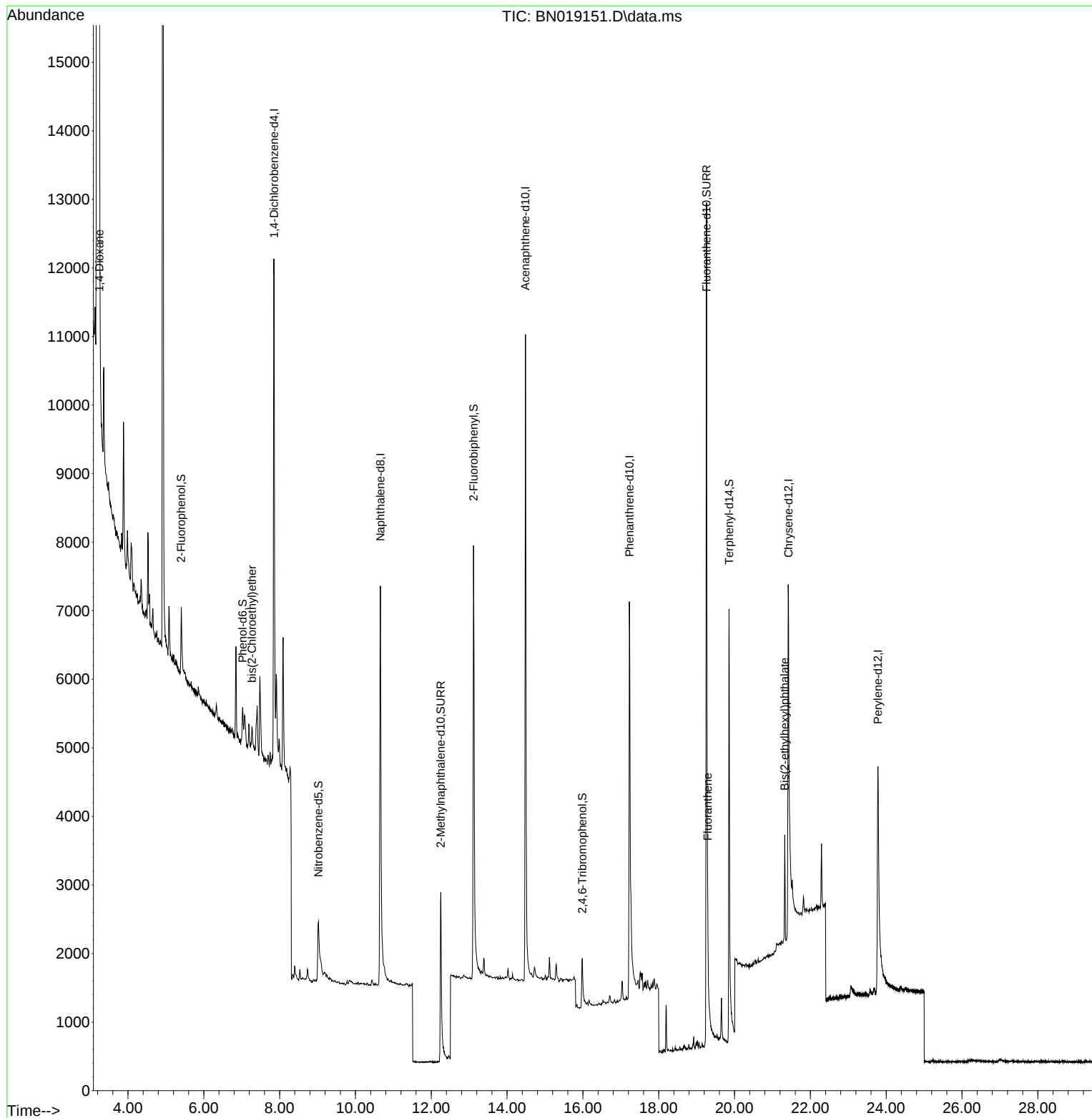
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Data File : BN019151.D
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ALS Vial : 26 Sample Multiplier: 1

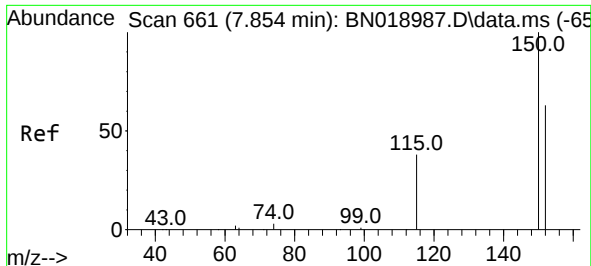
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
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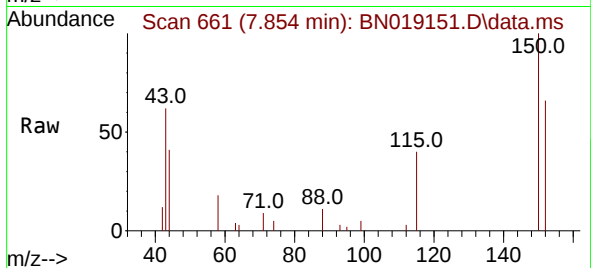
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

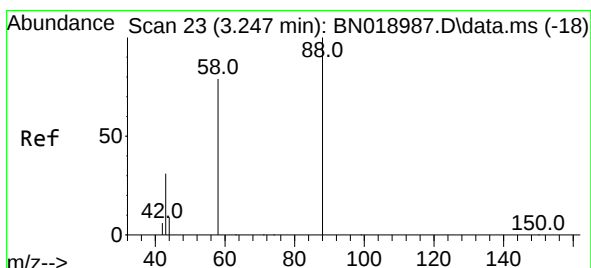
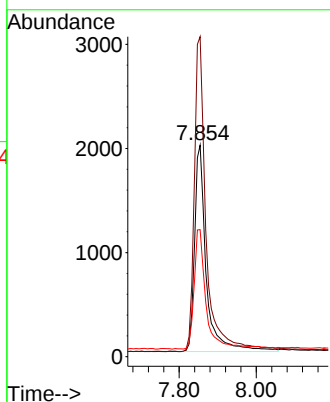
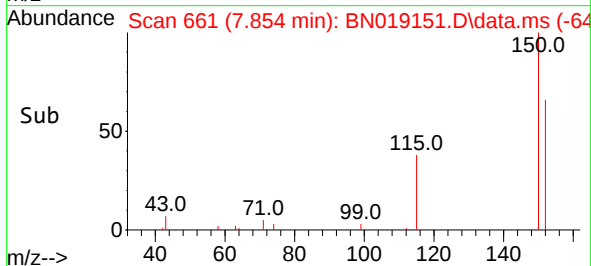
Instrument :
BNA_N
ClientSampleId :
MW179D2-20220322



Tgt Ion:152 Resp: 4199
Ion Ratio Lower Upper
152 100
150 151.3 123.9 185.9
115 60.1 48.2 72.4

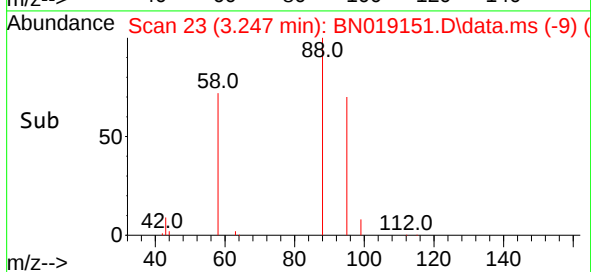
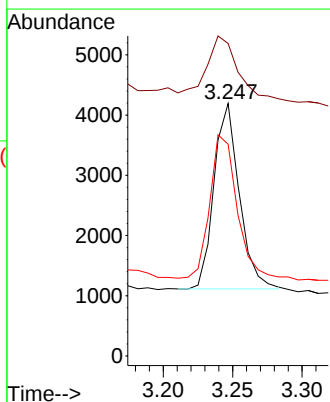
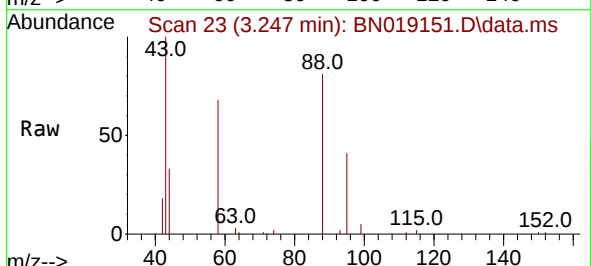
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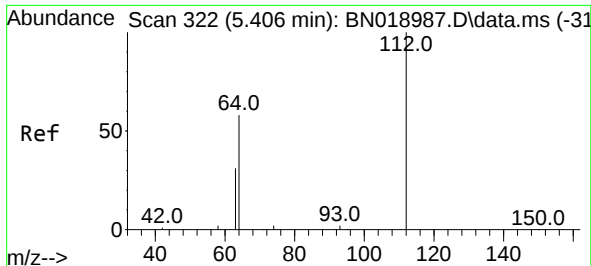
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Supervised By :Jagrut Upadhyay 03/25/2022



#2
1,4-Dioxane
Concen: 0.752 ng
RT: 3.247 min Scan# 23
Delta R.T. 0.000 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

Tgt Ion: 88 Resp: 3905
Ion Ratio Lower Upper
88 100
43 40.5 24.6 37.0#
58 82.0 65.4 98.2





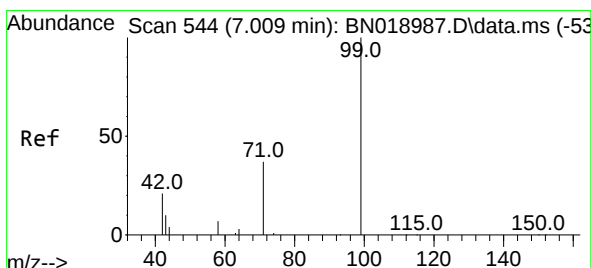
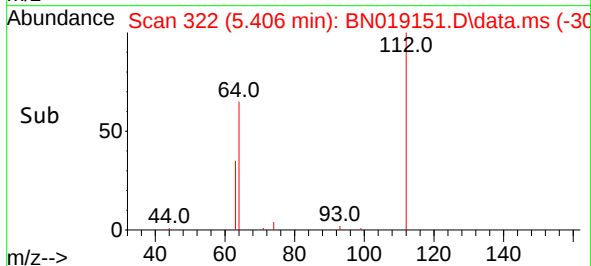
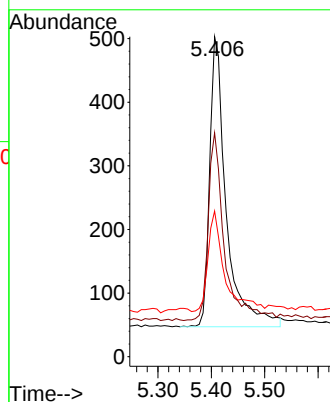
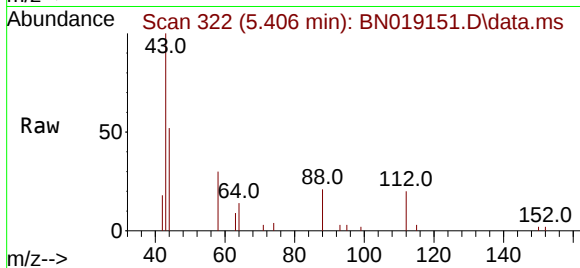
#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.406 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

Instrument :
BNA_N
ClientSampleId :
MW179D2-20220322

Tgt Ion: 112 Resp: 98
Ion Ratio Lower Upper
112 100
64 63.1 47.8 71.8
63 34.5 25.7 38.5

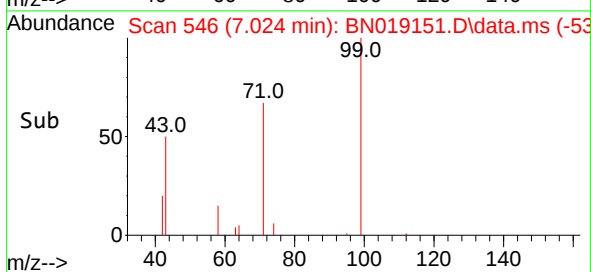
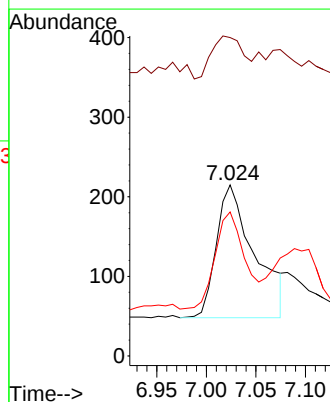
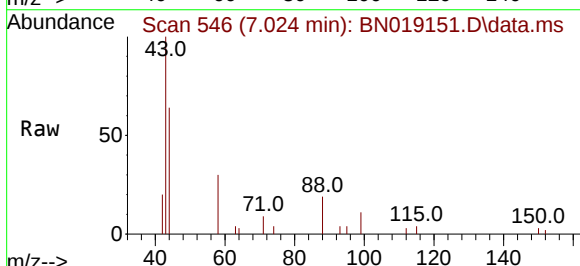
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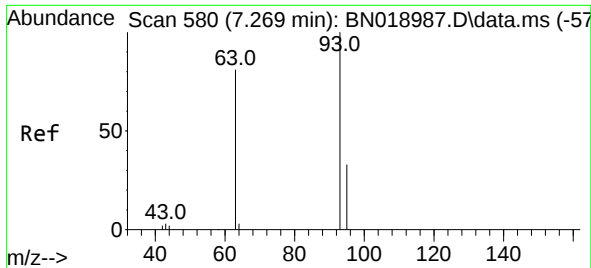
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#5
Phenol-d6
Concen: 0.045 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.014 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

Tgt Ion: 99 Resp: 444
Ion Ratio Lower Upper
99 100
42 27.0 16.2 24.4#
71 57.2 27.7 41.5#





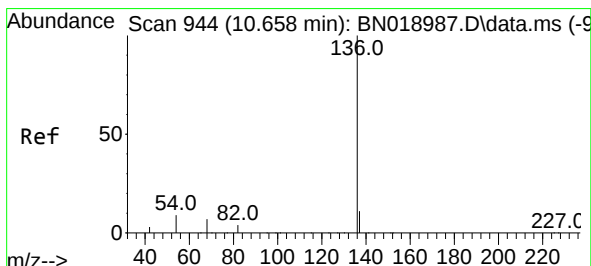
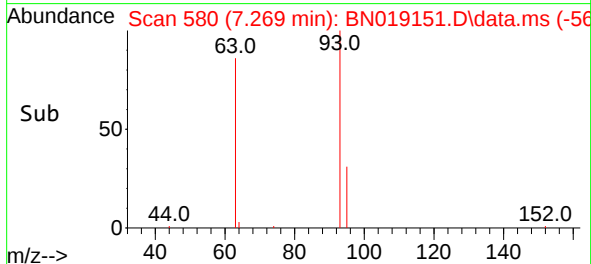
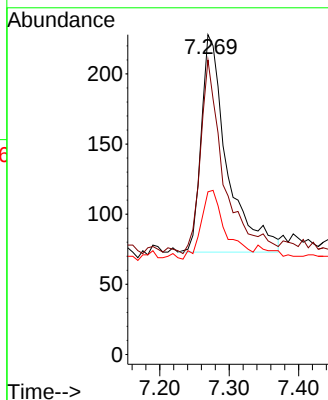
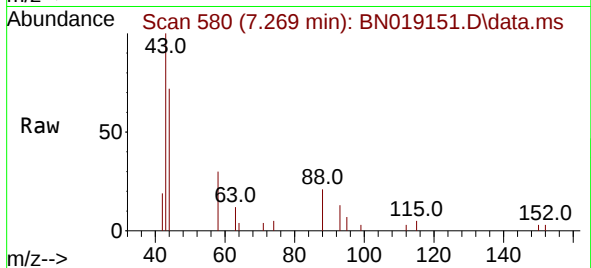
#6
bis(2-Chloroethyl)ether
Concen: 0.034 ng
RT: 7.269 min Scan# 580
Delta R.T. 0.000 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

Instrument :
BNA_N
ClientSampleId :
MW179D2-20220322

Tgt Ion: 93 Resp: 400
Ion Ratio Lower Upper
93 100
63 81.0 62.8 94.2
95 30.3 26.2 39.4

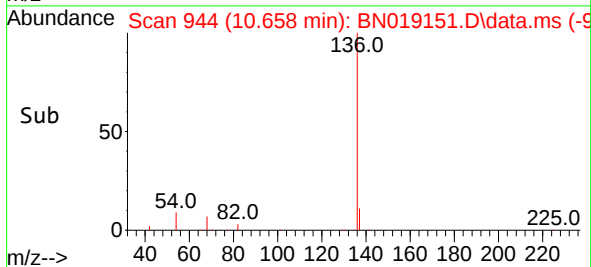
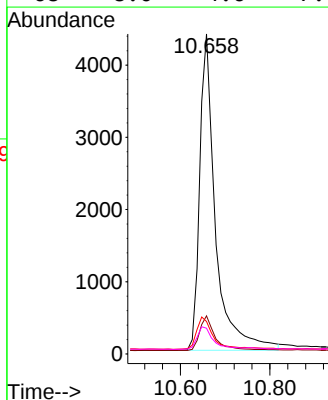
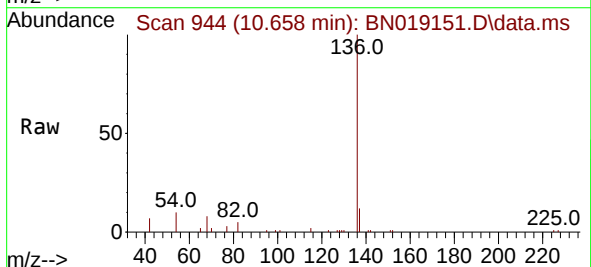
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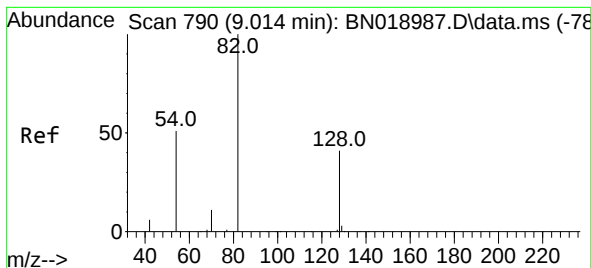
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

Tgt Ion:136 Resp: 10768
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.4
54 10.2 5.8 8.6#
68 8.0 4.6 7.0#





#8

Nitrobenzene-d5

Concen: 0.211 ng m

RT: 9.025 min Scan# 790

Delta R.T. 0.011 min

Lab File: BN019151.D

Acq: 25 Mar 2022 07:54

Instrument :

BNA_N

ClientSampleId :

MW179D2-20220322

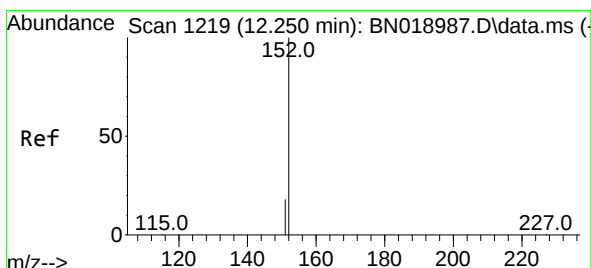
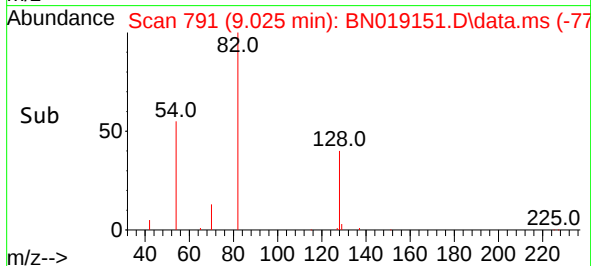
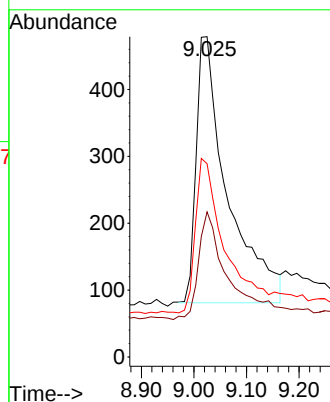
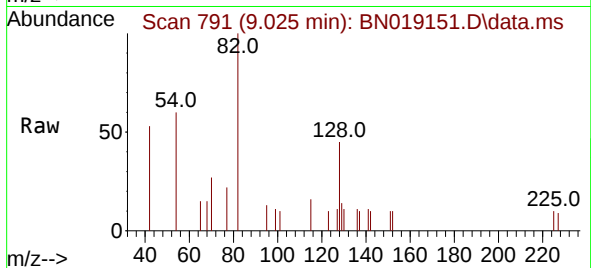
Tgt Ion:	82	Resp:	163
Ion	Ratio	Lower	Upper
82	100		
128	45.3	33.0	49.6
54	60.3	42.5	63.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/25/2022



#11

2-Methylnaphthalene-d10

Concen: 0.288 ng

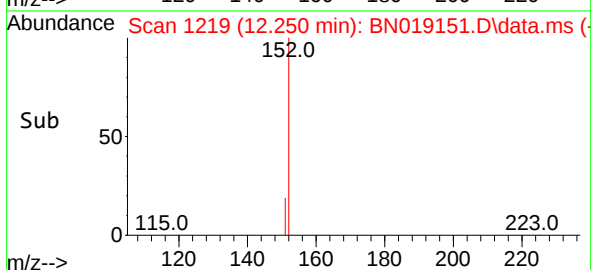
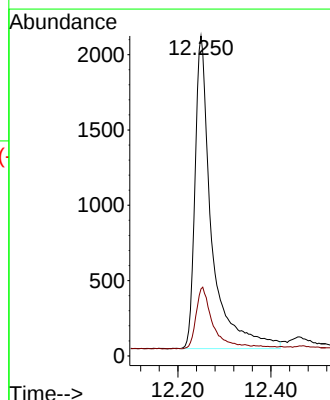
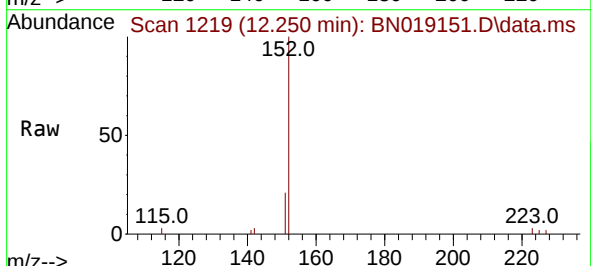
RT: 12.250 min Scan# 1219

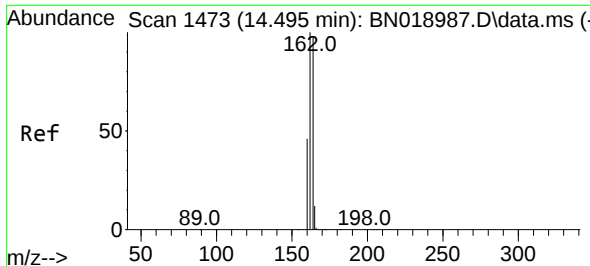
Delta R.T. 0.000 min

Lab File: BN019151.D

Acq: 25 Mar 2022 07:54

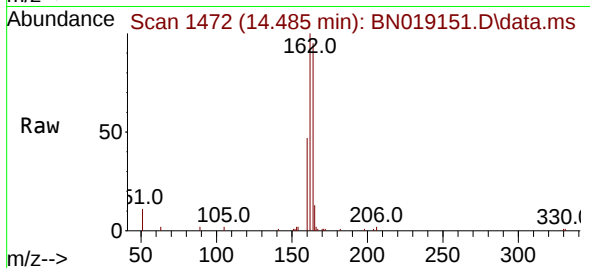
Tgt Ion:	152	Resp:	5151
Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.5	24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

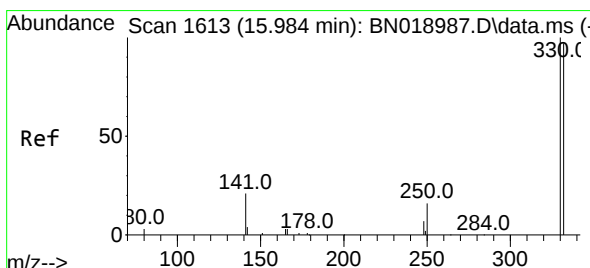
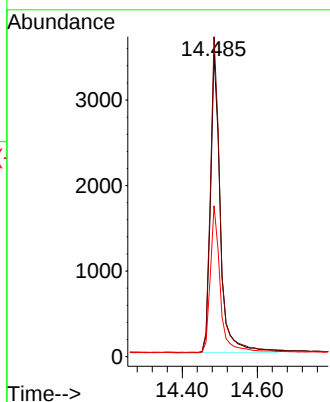
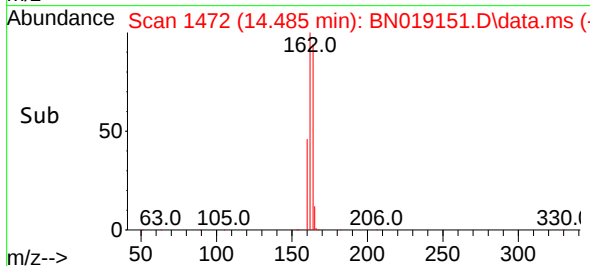
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ClientSampleId :
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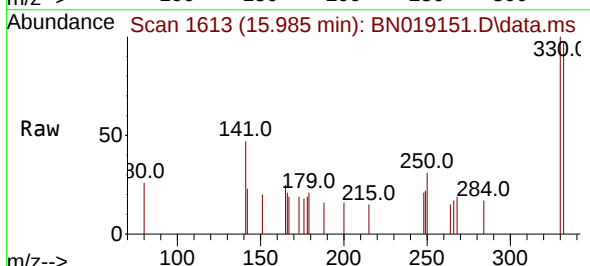
Tgt Ion:164 Resp: 640
Ion Ratio Lower Upper
164 100
162 105.8 85.2 127.8
160 49.9 41.5 62.3

Manual Integrations
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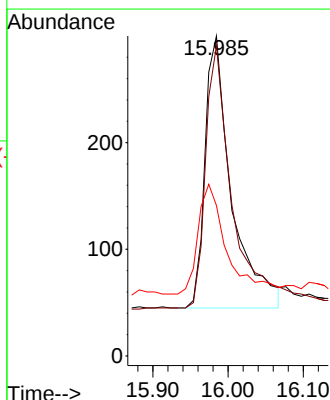
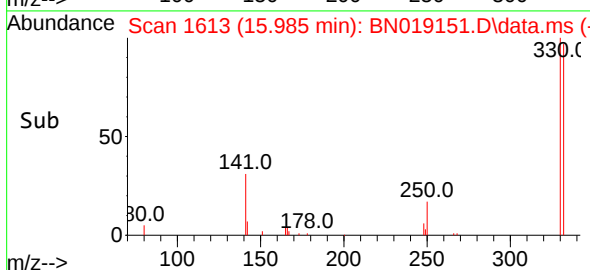
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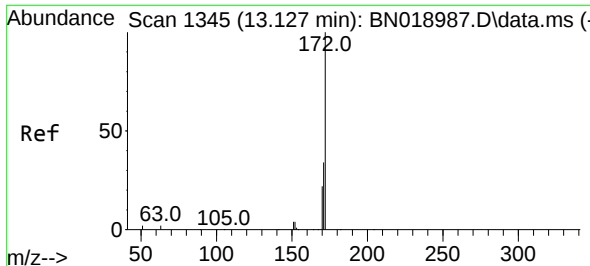


#14
2,4,6-Tribromophenol
Concen: 0.203 ng
RT: 15.985 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54



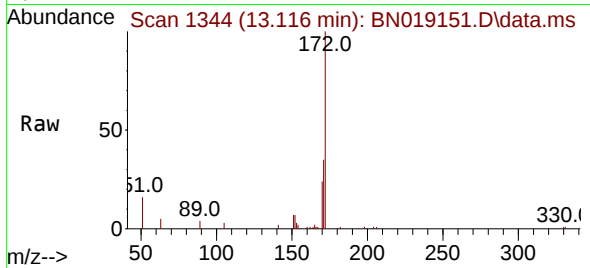
Tgt Ion:330 Resp: 627
Ion Ratio Lower Upper
330 100
332 97.3 76.8 115.2
141 43.5 32.2 48.2





#15
2-Fluorobiphenyl
Concen: 0.282 ng
RT: 13.116 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

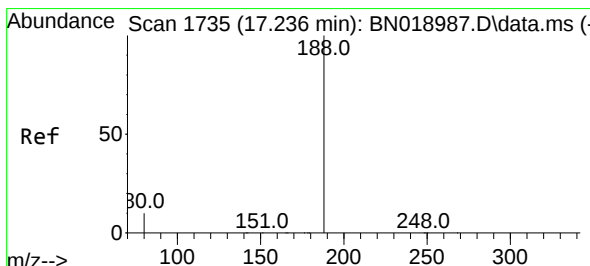
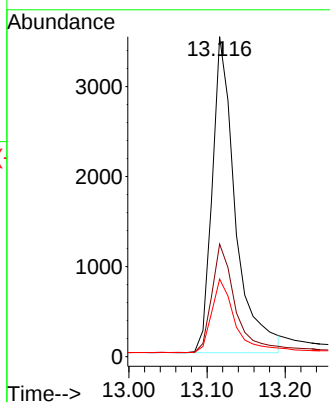
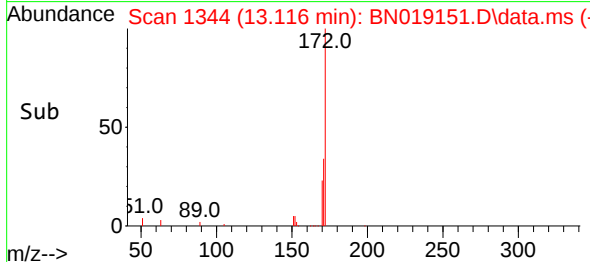
Instrument :
BNA_N
ClientSampleId :
MW179D2-20220322



Tgt Ion:172 Resp: 7244
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 24.3 18.7 28.1

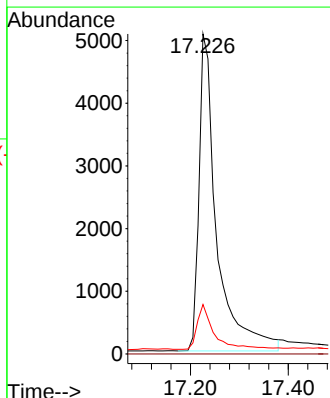
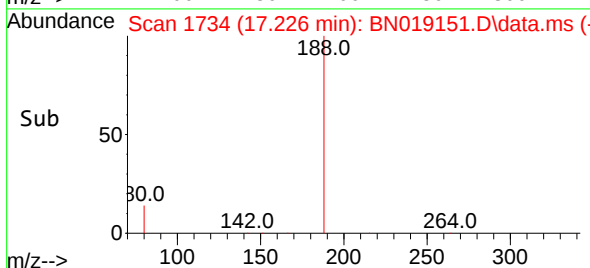
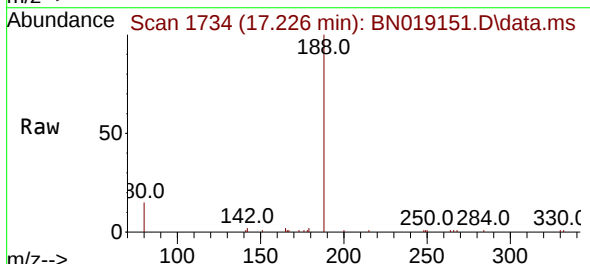
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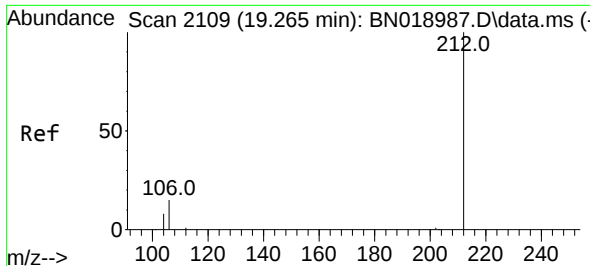
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

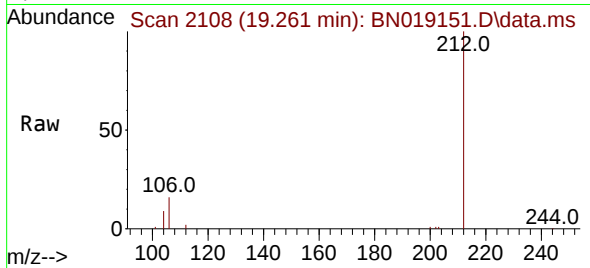
Tgt Ion:188 Resp: 12778
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 11.8 17.8





#27
Fluoranthene-d10
Concen: 0.474 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

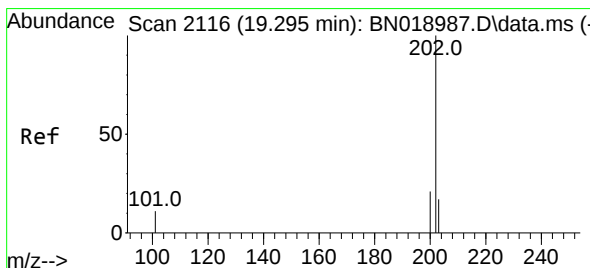
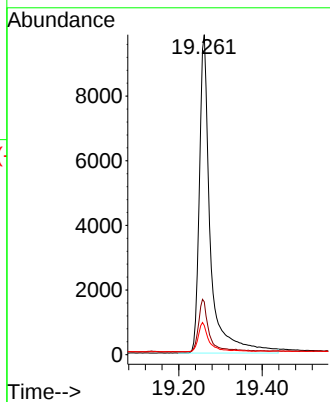
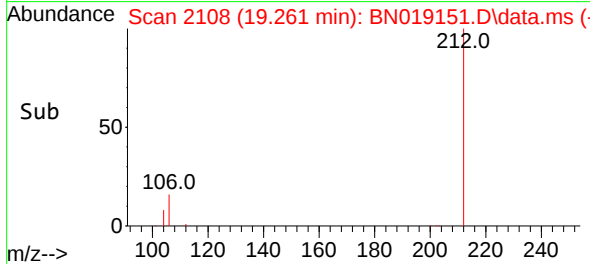
Instrument :
BNA_N
ClientSampleId :
MW179D2-20220322



Tgt Ion:212 Resp: 17984
Ion Ratio Lower Upper
212 100
106 16.4 12.7 19.1
104 8.9 7.1 10.7

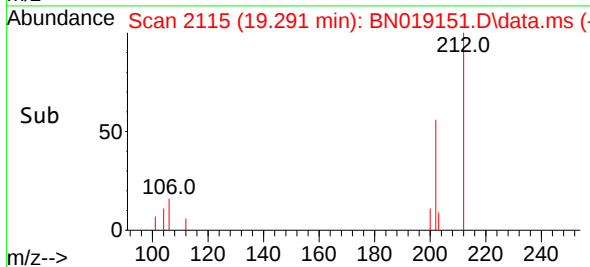
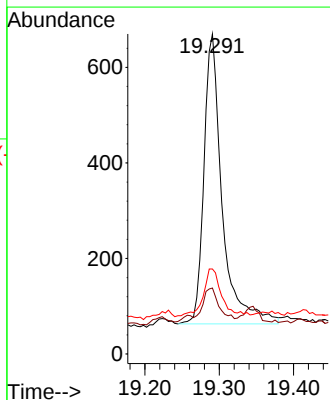
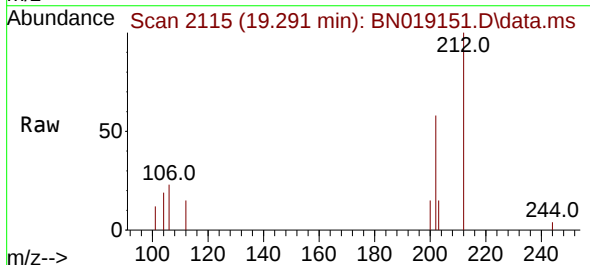
Manual Integrations
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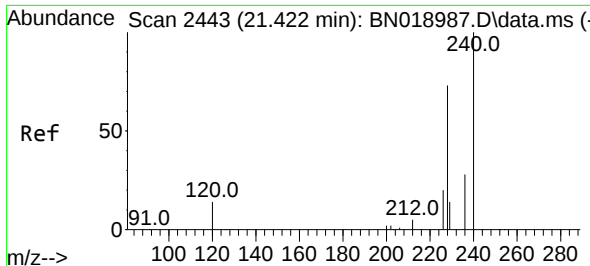
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#28
Fluoranthene
Concen: 0.022 ng
RT: 19.291 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

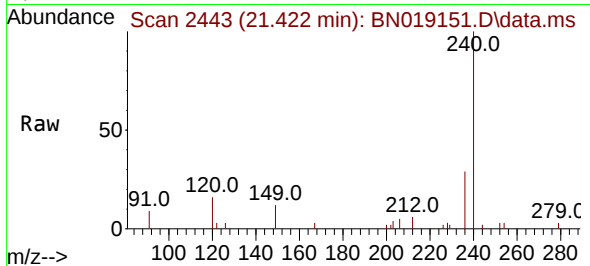
Tgt Ion:202 Resp: 1034
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.6
203 15.7 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

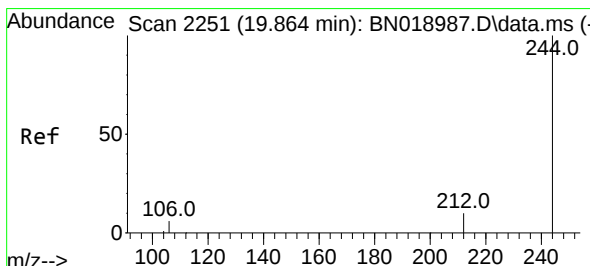
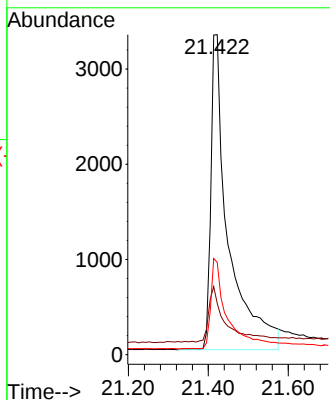
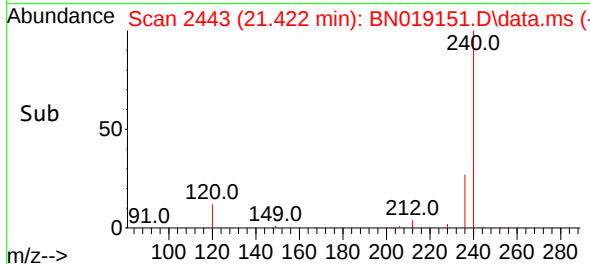
Instrument :
BNA_N
ClientSampleId :
MW179D2-20220322



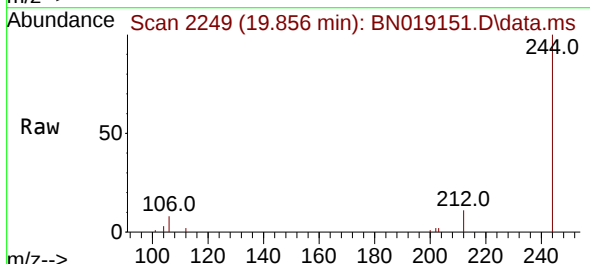
Tgt Ion:240 Resp: 10059
Ion Ratio Lower Upper
240 100
120 16.0 8.5 12.7
236 28.8 22.4 33.6

Manual Integrations
APPROVED

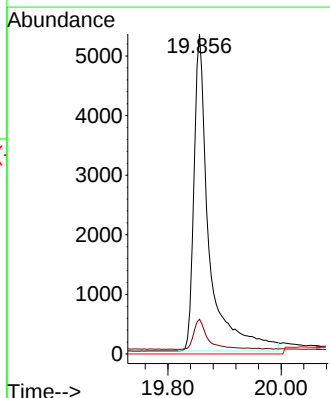
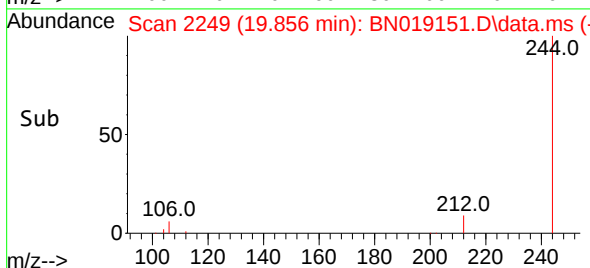
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

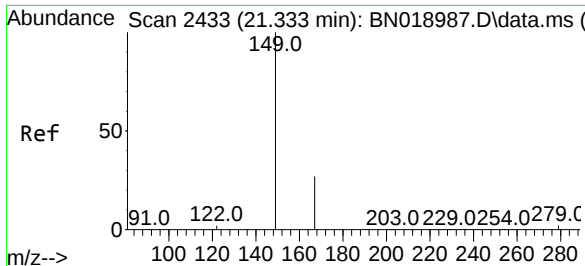


#31
Terphenyl-d14
Concen: 0.402 ng
RT: 19.856 min Scan# 2249
Delta R.T. -0.008 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54



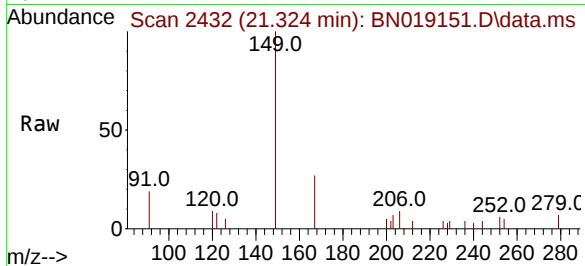
Tgt Ion:244 Resp: 9931
Ion Ratio Lower Upper
244 100
212 10.8 8.2 12.4
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.070 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

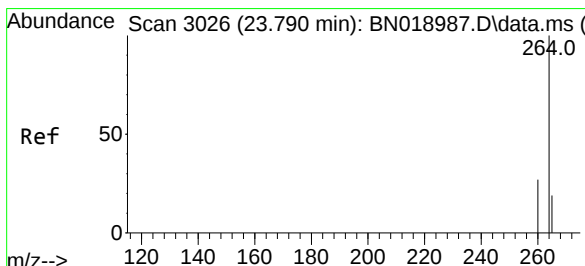
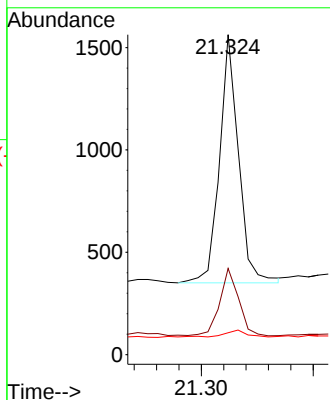
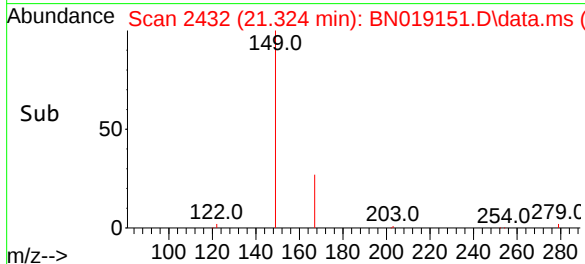
Instrument :
BNA_N
ClientSampleId :
MW179D2-20220322



Tgt Ion:149 Resp: 1429
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.8
279 4.3 2.0 3.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.782 min Scan# 3023
Delta R.T. -0.009 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

Tgt Ion:264 Resp: 7970
Ion Ratio Lower Upper
264 100
260 27.9 22.4 33.6
265 45.5 25.3 37.9

