

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
 Data File : BN019149.D
 Acq On : 25 Mar 2022 06:43
 Operator : CG/JU
 Sample : N2075-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20220322

Quant Time: Mar 25 07:43:33 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	4128	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10493	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	6307	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	11690	0.400	ng	0.00
29) Chrysene-d12	21.413	240	9277	0.400	ng	# 0.00
35) Perylene-d12	23.782	264	7094	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	772	0.083	ng	0.00
5) Phenol-d6	7.031	99	286	0.029	ng	0.02
8) Nitrobenzene-d5	9.025	82	1491m	0.197	ng	0.01
11) 2-Methylnaphthalene-d10	12.253	152	4787	0.275	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	515	0.169	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	6405	0.253	ng	0.00
27) Fluoranthene-d10	19.261	212	14600	0.421	ng	0.00
31) Terphenyl-d14	19.855	244	7922	0.348	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	712	0.140	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.324	149	1771	0.093	ng	# 98

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

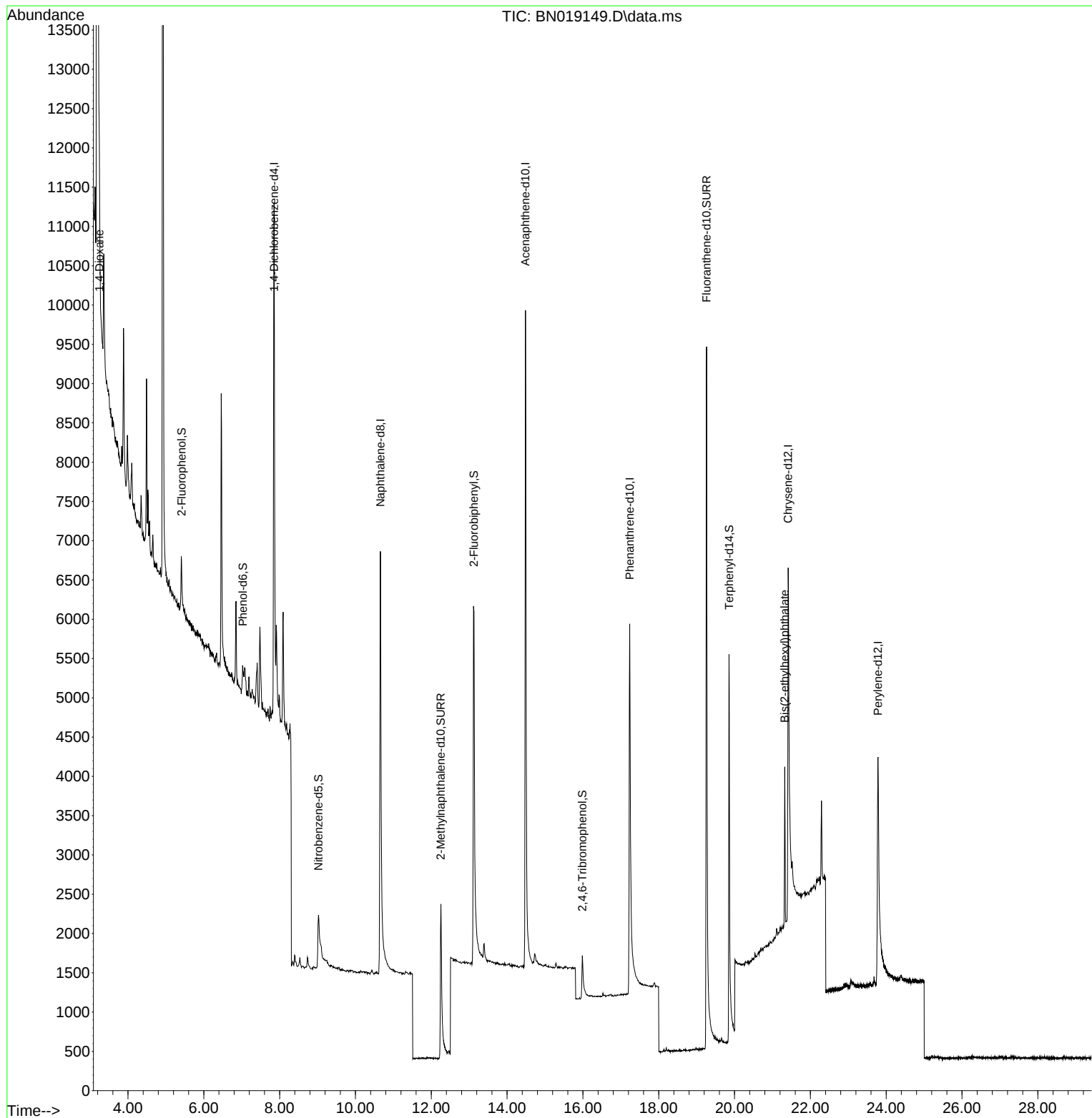
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Data File : BN019149.D
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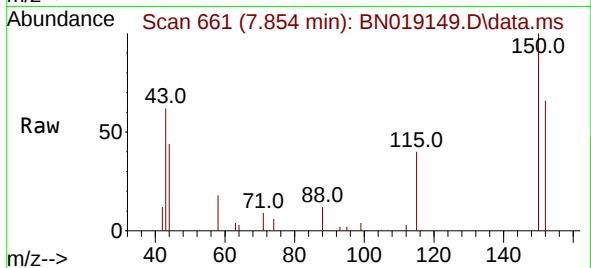
Reviewed By : Christian Giraldo 03/25/2022
Supervised By : Jagrut Upadhyay 03/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019149.D
Acq: 25 Mar 2022 06:43

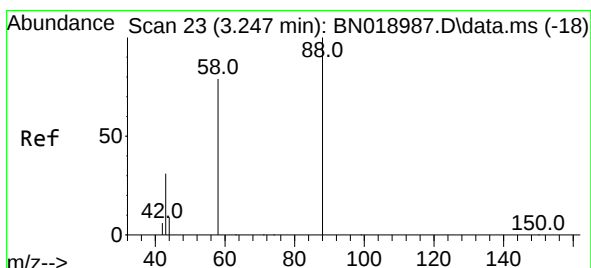
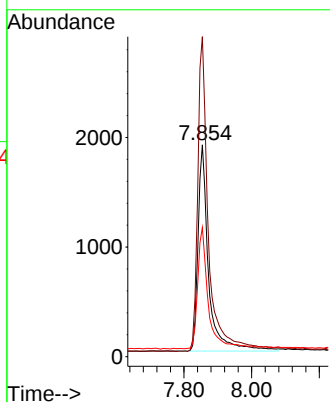
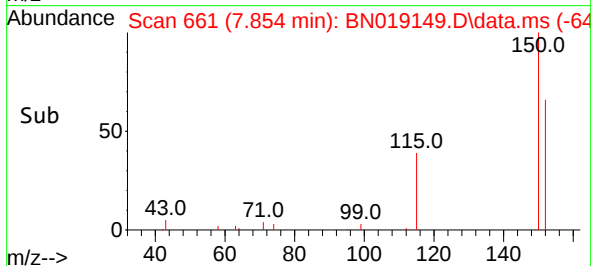
Instrument :
BNA_N
ClientSampleId :
MW179D-20220322



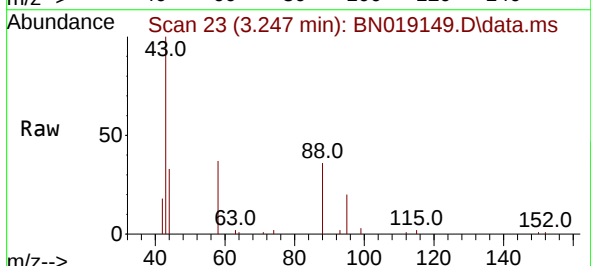
Tgt Ion: 152 Resp: 4128
Ion Ratio Lower Upper
152 100
150 151.1 123.9 185.9
115 61.0 48.2 72.4

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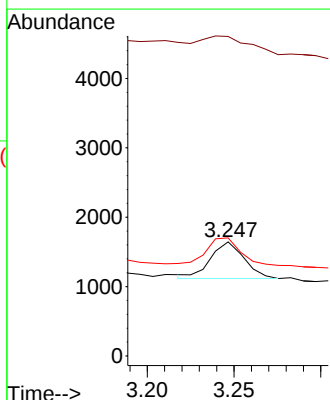
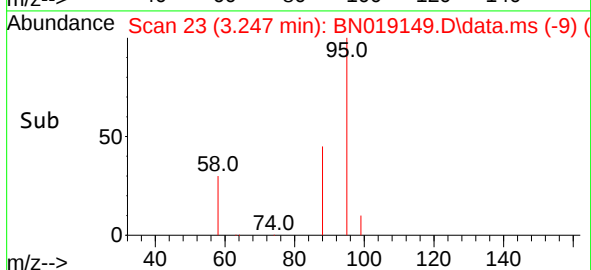
Reviewed By : Christian Giraldo 03/25/2022
Supervised By : Jagrut Upadhyay 03/25/2022



#2
1,4-Dioxane
Concen: 0.140 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN019149.D
Acq: 25 Mar 2022 06:43



Tgt Ion: 88 Resp: 712
Ion Ratio Lower Upper
88 100
43 69.8 24.6 37.0#
58 78.5 65.4 98.2





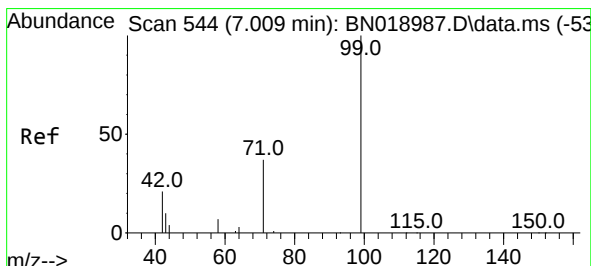
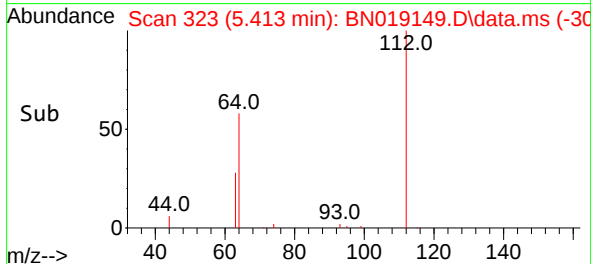
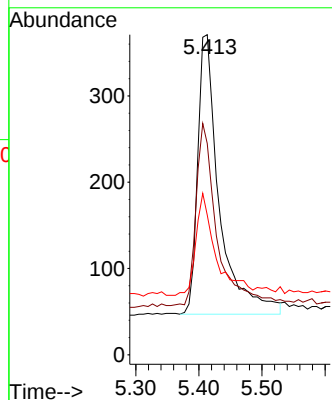
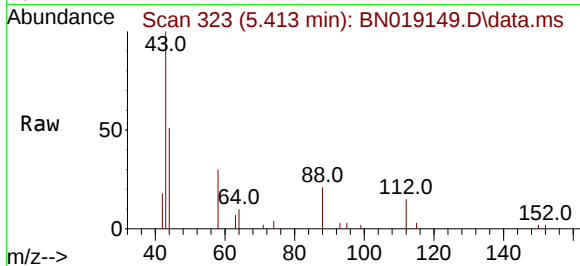
#4
2-Fluorophenol
Concen: 0.083 ng
RT: 5.413 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN019149.D
Acq: 25 Mar 2022 06:43

Instrument :
BNA_N
ClientSampleId :
MW179D-20220322

Tgt Ion:112 Resp: 772
Ion Ratio Lower Upper
112 100
64 63.0 47.8 71.8
63 33.4 25.7 38.5

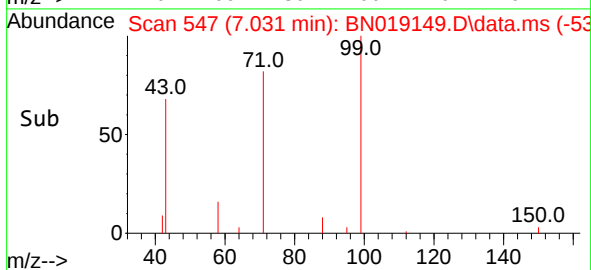
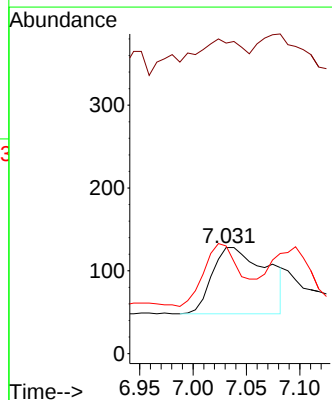
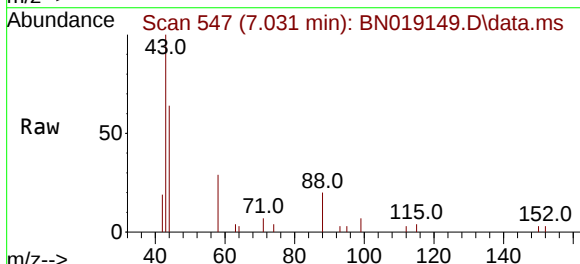
Manual Integrations
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Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#5
Phenol-d6
Concen: 0.029 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.022 min
Lab File: BN019149.D
Acq: 25 Mar 2022 06:43

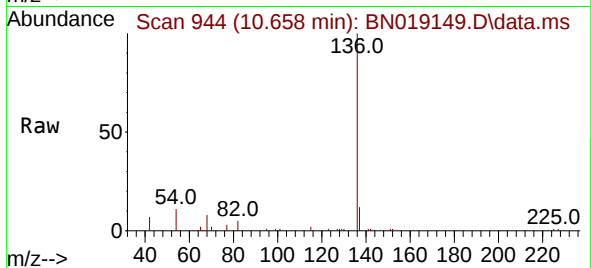
Tgt Ion: 99 Resp: 286
Ion Ratio Lower Upper
99 100
42 29.7 16.2 24.4#
71 60.8 27.7 41.5#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019149.D
Acq: 25 Mar 2022 06:43

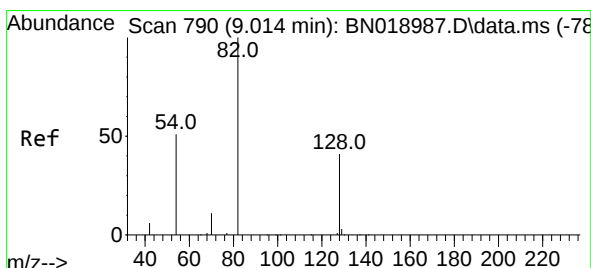
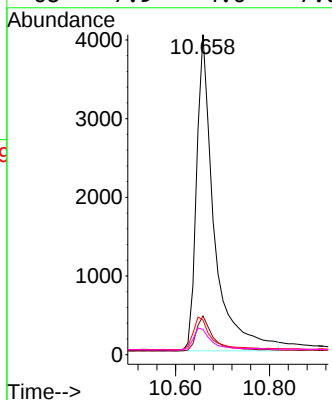
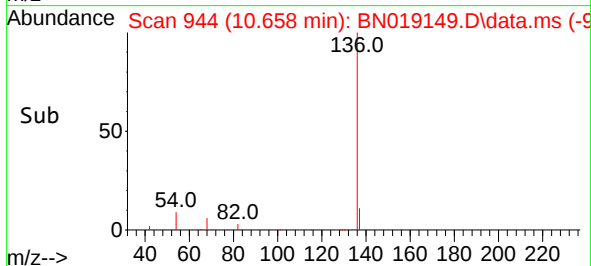
Instrument :
BNA_N
ClientSampleId :
MW179D-20220322



Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.0	13.4
54	10.8	5.8	8.6
68	7.9	4.6	7.0

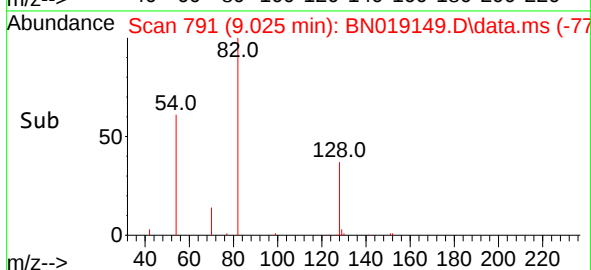
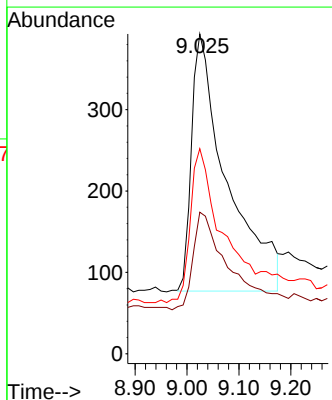
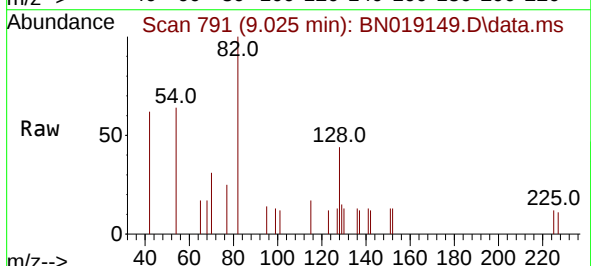
Manual Integrations
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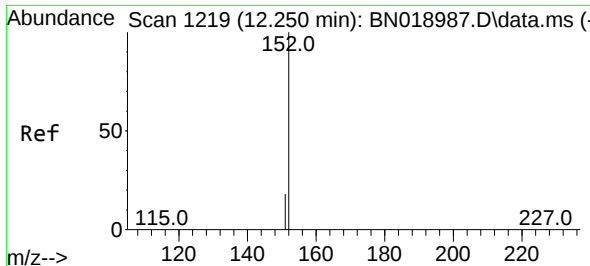
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#8
Nitrobenzene-d5
Concen: 0.197 ng m
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN019149.D
Acq: 25 Mar 2022 06:43

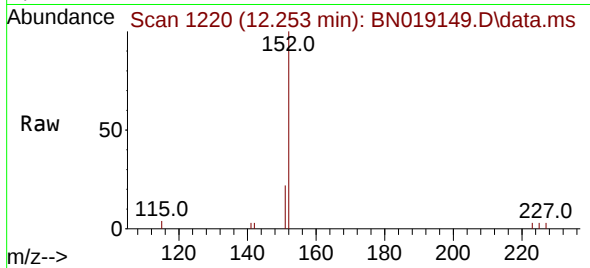
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	33.0	49.6
54	64.1	42.5	63.7





#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.253 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN019149.D
Acq: 25 Mar 2022 06:43

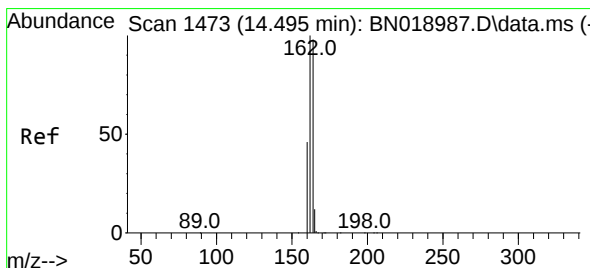
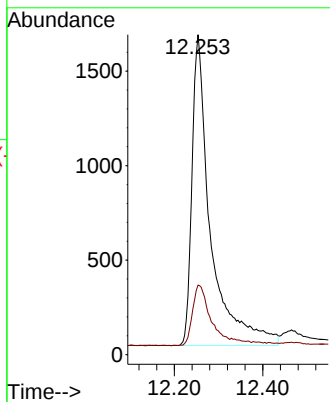
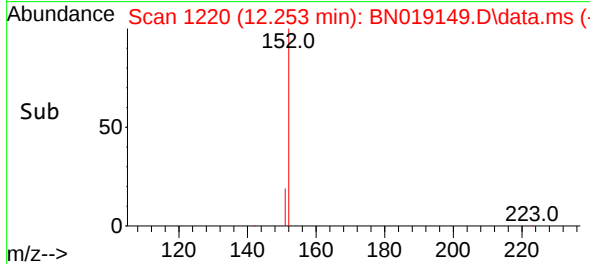
Instrument :
BNA_N
ClientSampleId :
MW179D-20220322



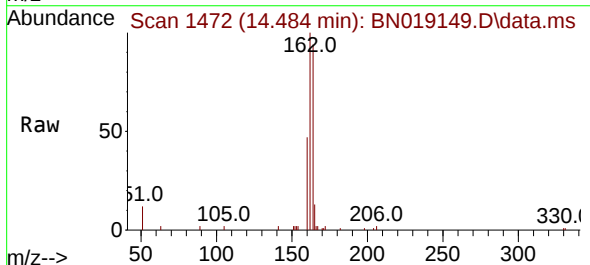
Tgt Ion:152 Resp: 478
Ion Ratio Lower Upper
152 100
151 18.6 16.5 24.7

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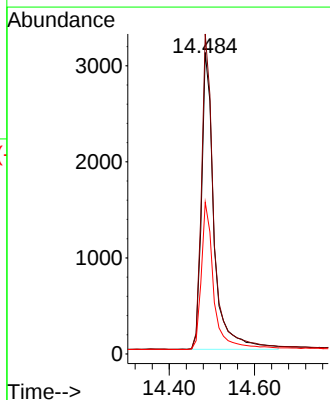
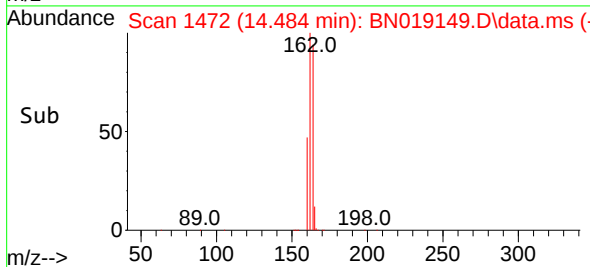
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

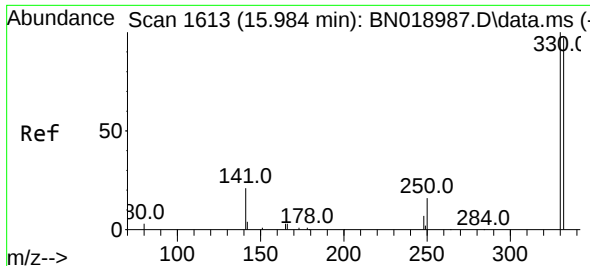


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019149.D
Acq: 25 Mar 2022 06:43



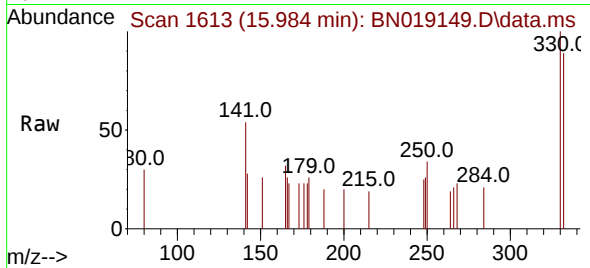
Tgt Ion:164 Resp: 6307
Ion Ratio Lower Upper
164 100
162 106.2 85.2 127.8
160 50.3 41.5 62.3





#14
2,4,6-Tribromophenol
Concen: 0.169 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN019149.D
Acq: 25 Mar 2022 06:43

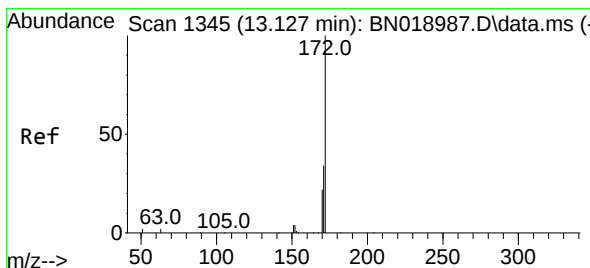
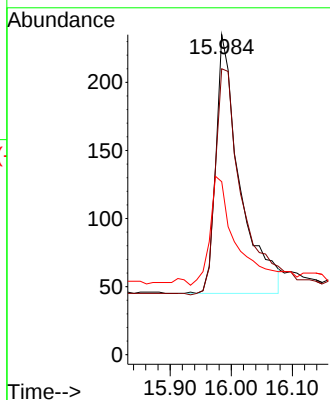
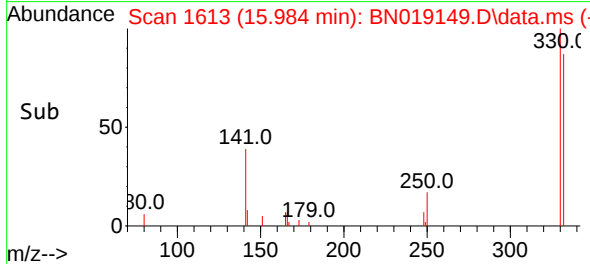
Instrument :
BNA_N
ClientSampleId :
MW179D-20220322



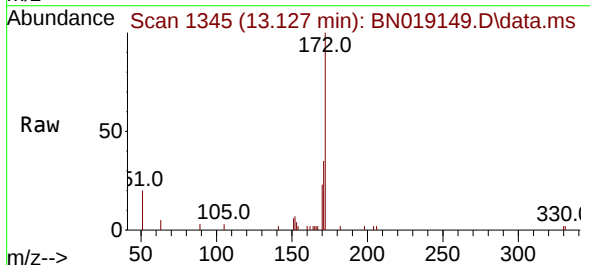
Tgt Ion: 330 Resp: 51.0
Ion Ratio Lower Upper
330 100
332 98.3 76.8 115.2
141 46.4 32.2 48.2

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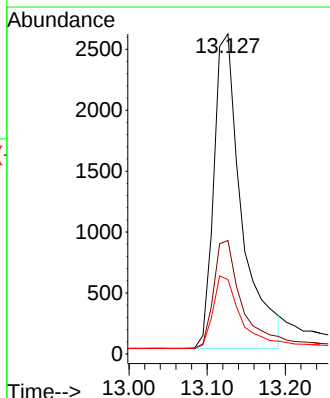
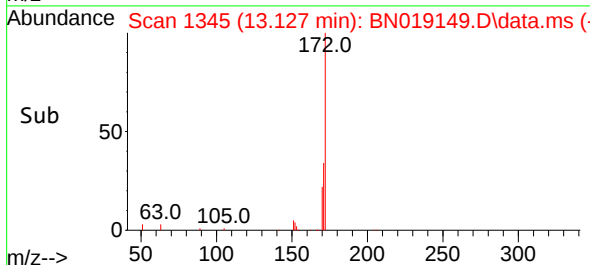
Reviewed By : Christian Giraldo 03/25/2022
Supervised By : Jagrut Upadhyay 03/25/2022

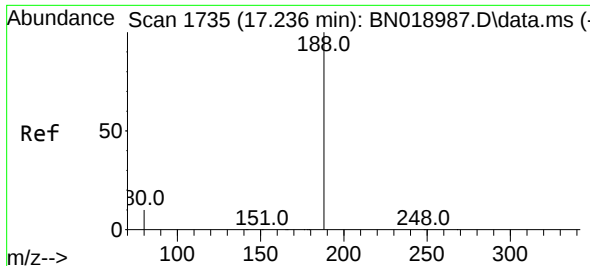


#15
2-Fluorobiphenyl
Concen: 0.253 ng
RT: 13.127 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BN019149.D
Acq: 25 Mar 2022 06:43



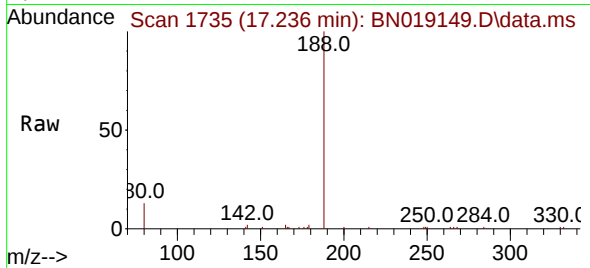
Tgt Ion: 172 Resp: 6405
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.3 18.7 28.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019149.D
Acq: 25 Mar 2022 06:43

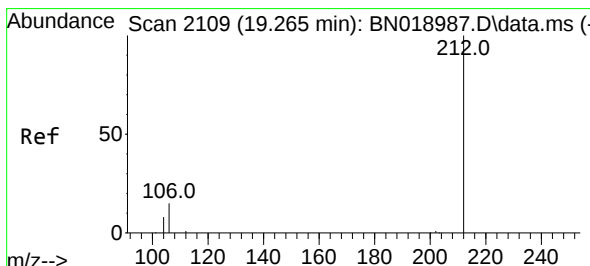
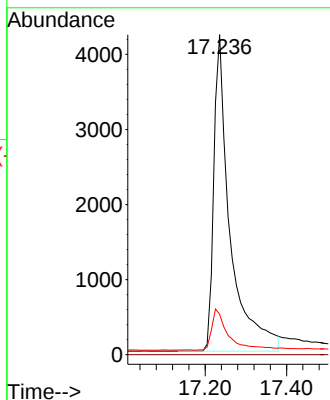
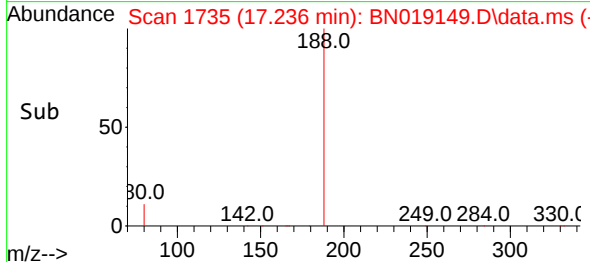
Instrument :
BNA_N
ClientSampleId :
MW179D-20220322



Tgt Ion:188 Resp: 11690
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 11.8 17.8

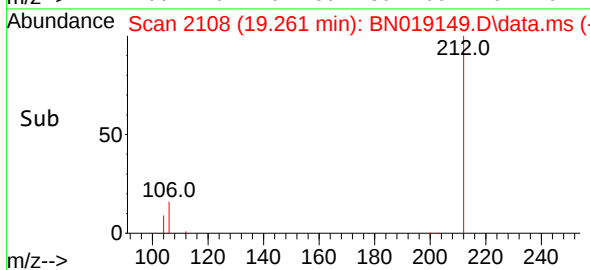
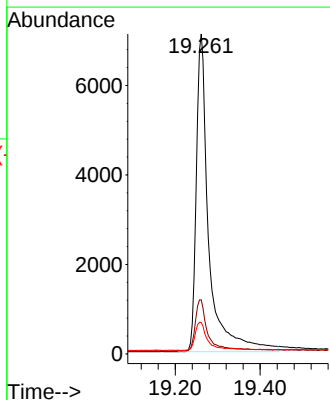
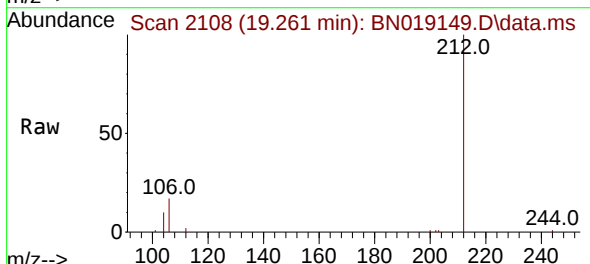
Manual Integrations
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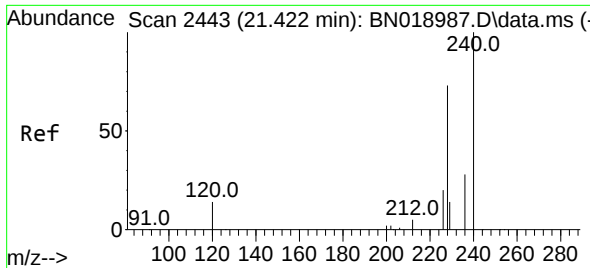
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#27
Fluoranthene-d10
Concen: 0.421 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019149.D
Acq: 25 Mar 2022 06:43

Tgt Ion:212 Resp: 14600
Ion Ratio Lower Upper
212 100
106 15.6 12.7 19.1
104 8.9 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.413 min Scan# 2442

Delta R.T. -0.009 min

Lab File: BN019149.D

Acq: 25 Mar 2022 06:43

Instrument :

BNA_N

ClientSampleId :

MW179D-20220322

Tgt Ion:240 Resp: 927

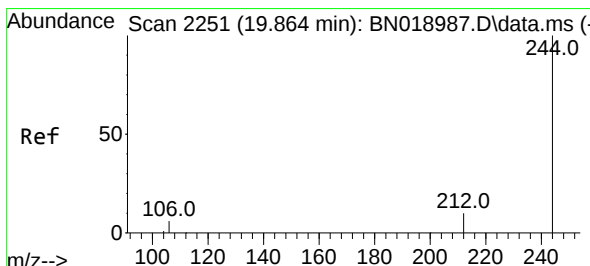
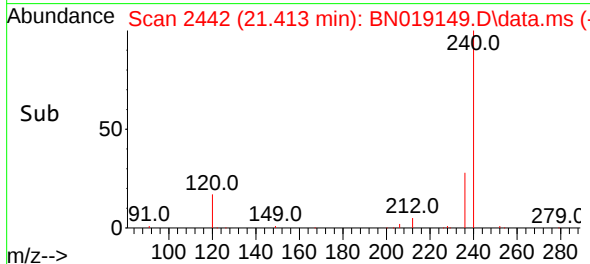
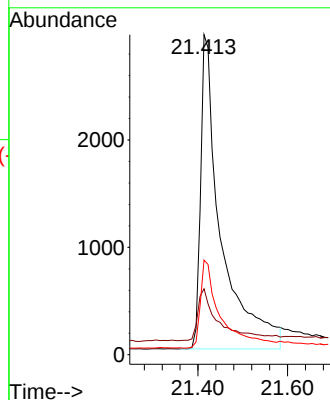
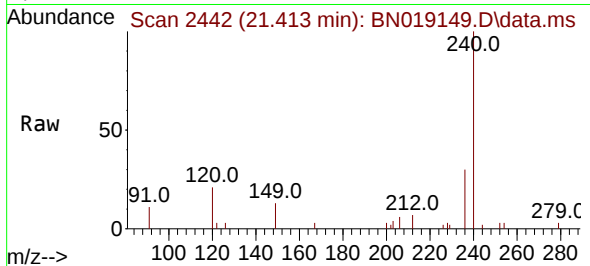
Ion	Ratio	Lower	Upper
240	100		
120	20.6	8.5	12.7
236	29.6	22.4	33.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/25/2022

Supervised By :Jagrut Upadhyay 03/25/2022



#31

Terphenyl-d14

Concen: 0.348 ng

RT: 19.855 min Scan# 2249

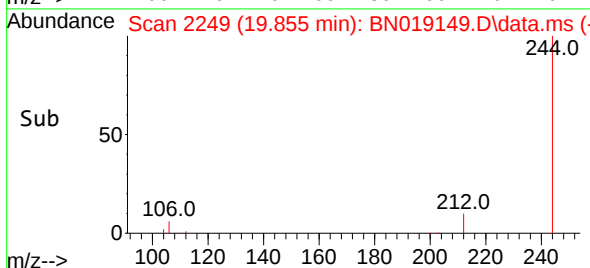
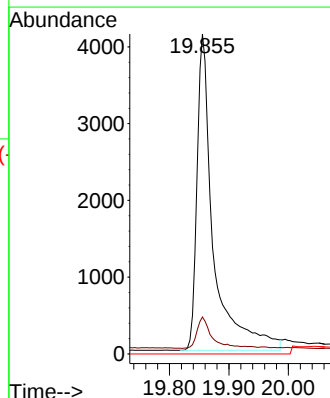
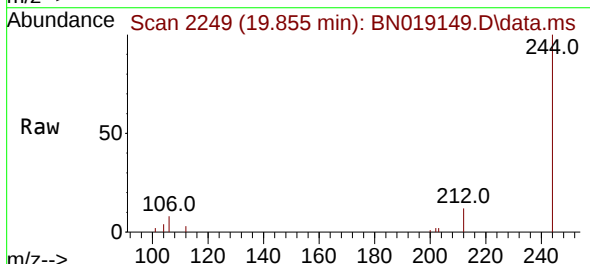
Delta R.T. -0.008 min

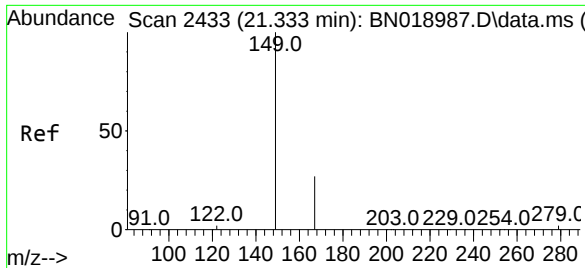
Lab File: BN019149.D

Acq: 25 Mar 2022 06:43

Tgt Ion:244 Resp: 7922

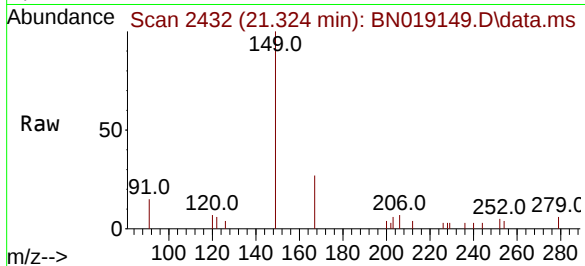
Ion	Ratio	Lower	Upper
244	100		
212	11.6	8.2	12.4
122	0.0	0.0	0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.093 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019149.D
Acq: 25 Mar 2022 06:43

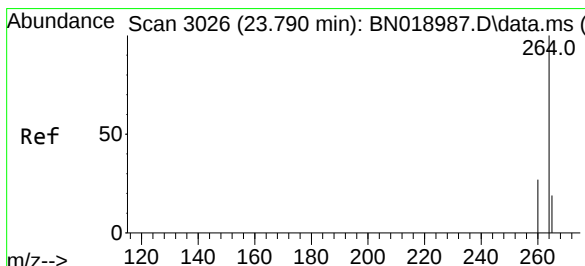
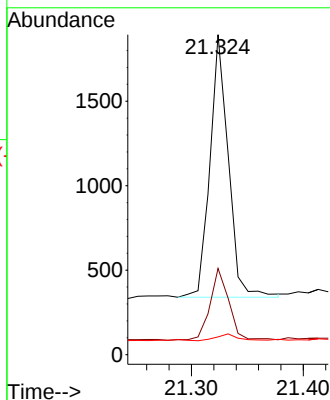
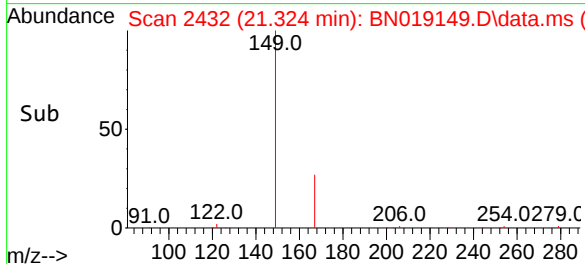
Instrument :
BNA_N
ClientSampleId :
MW179D-20220322



Tgt Ion:149 Resp: 177
Ion Ratio Lower Upper
149 100
167 28.2 21.8 32.8
279 3.2 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: BN019149.D
Acq: 25 Mar 2022 06:43

Tgt Ion:264 Resp: 7094
Ion Ratio Lower Upper
264 100
260 29.0 22.4 33.6
265 48.3 25.3 37.9

