

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050322\
 Data File : BN019653.D
 Acq On : 03 May 2022 17:50
 Operator : CG/JU
 Sample : N2640-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-042922

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 04 07:33:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 02:56:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	3992	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	11015	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	5880	0.400	ng	-0.01
19) Phenanthrene-d10	17.225	188	12255	0.400	ng	#-0.01
29) Chrysene-d12	21.413	240	11488	0.400	ng	# 0.00
35) Perylene-d12	23.761	264	9359	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	1203	0.122	ng	0.00
5) Phenol-d6	7.038	99	803	0.068	ng	0.00
8) Nitrobenzene-d5	9.014	82	2683	0.343	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	6212	0.363	ng	-0.01
14) 2,4,6-Tribromophenol	15.974	330	559	0.297	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	8515	0.338	ng	-0.01
27) Fluoranthene-d10	19.257	212	16861	0.483	ng	0.00
31) Terphenyl-d14	19.855	244	12160	0.481	ng	0.00
Target Compounds						Qvalue
12) 2-Methylnaphthalene	12.321	142	648	0.033	ng	# 86
25) Phenanthrene	17.266	178	1434	0.035	ng	# 51
30) Pyrene	19.645	202	1689	0.036	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.333	149	2635m	0.139	ng	

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

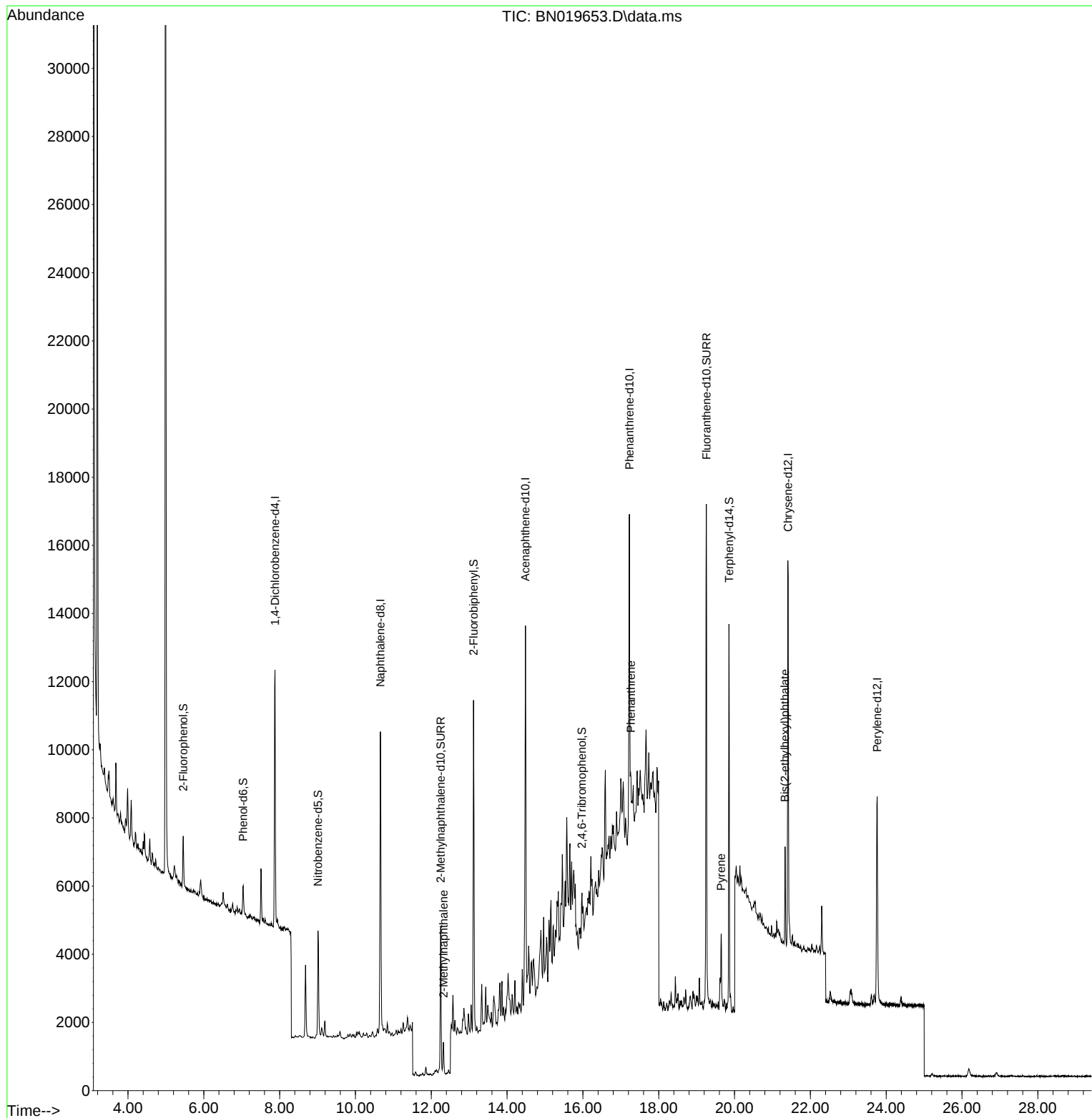
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050322\
Data File : BN019653.D
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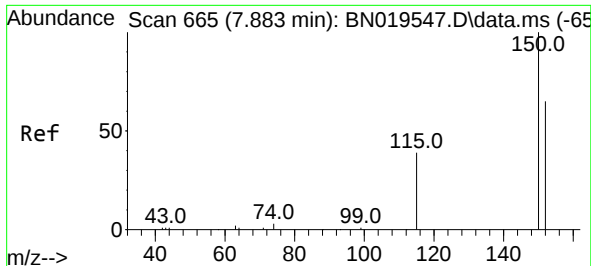
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
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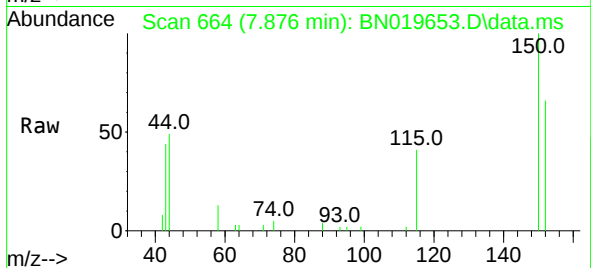
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.876 min Scan# 601
Delta R.T. -0.007 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50

Instrument :

BNA_N

ClientSampleId :

EB-01-042922

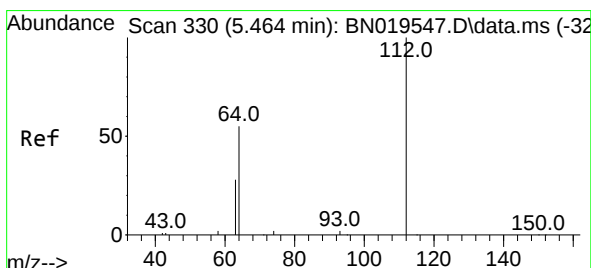
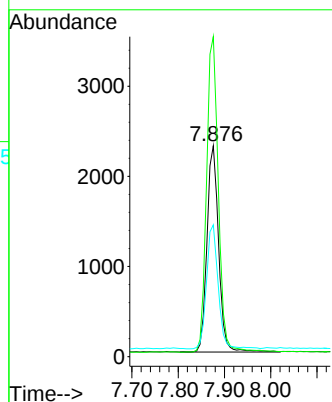
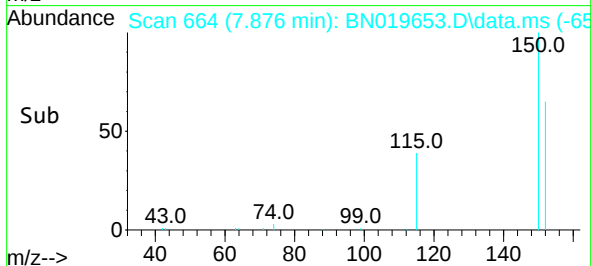


Tgt Ion:152 Resp: 3992
Ion Ratio Lower Upper
152 100
150 151.8 122.6 183.8
115 62.5 49.0 73.6

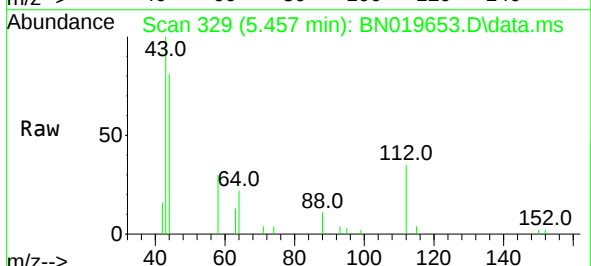
Manual Integrations

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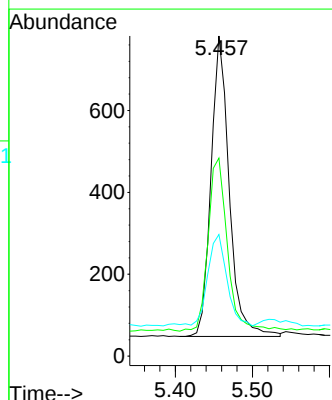
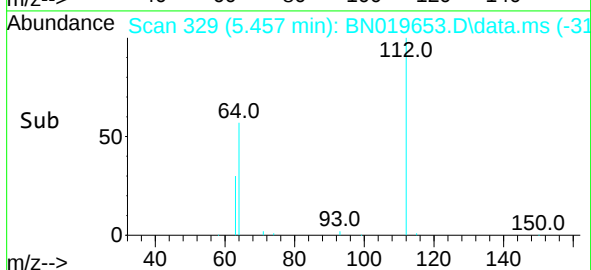
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022

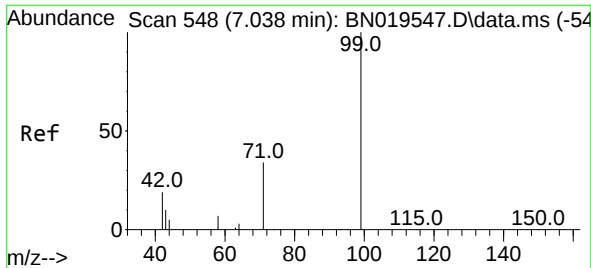


#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.457 min Scan# 329
Delta R.T. -0.007 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50



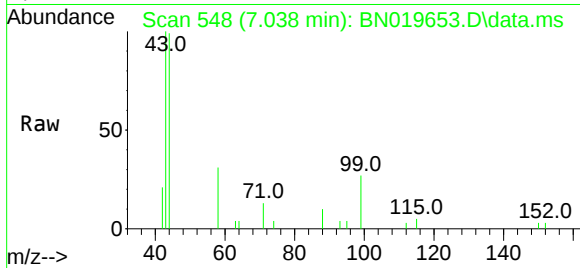
Tgt Ion:112 Resp: 1203
Ion Ratio Lower Upper
112 100
64 61.6 47.3 70.9
63 31.8 24.6 36.8





#5
Phenol-d6
Concen: 0.068 ng
RT: 7.038 min Scan# 548
Delta R.T. 0.000 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50

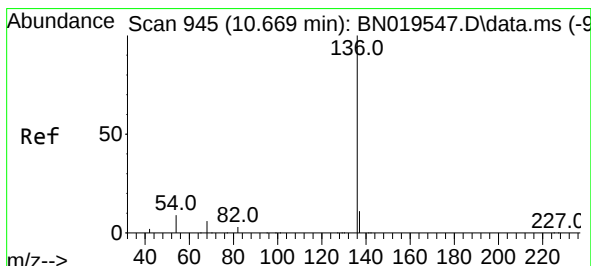
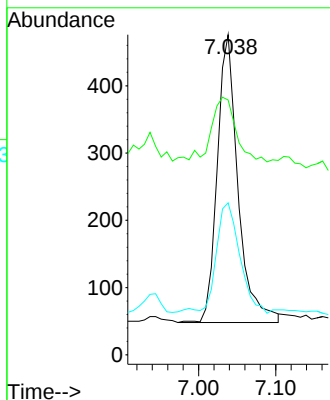
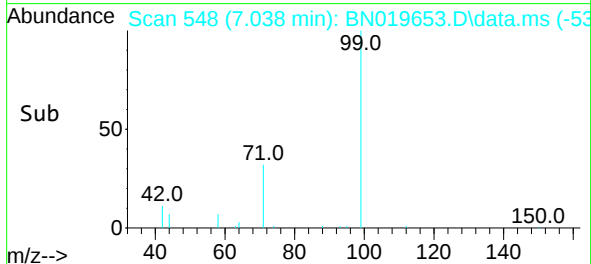
Instrument :
BNA_N
ClientSampleId :
EB-01-042922



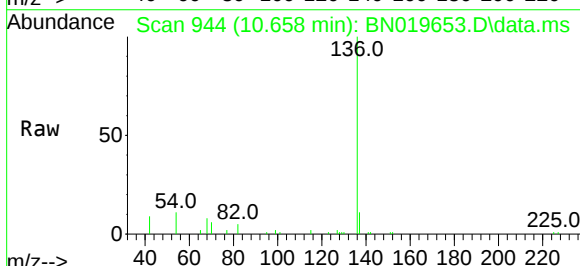
Tgt Ion: 99 Resp: 800
Ion Ratio Lower Upper
99 100
42 26.7 15.8 23.8
71 42.3 26.5 39.7

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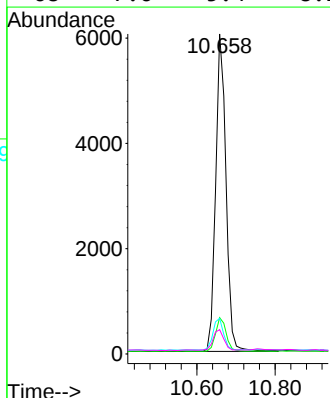
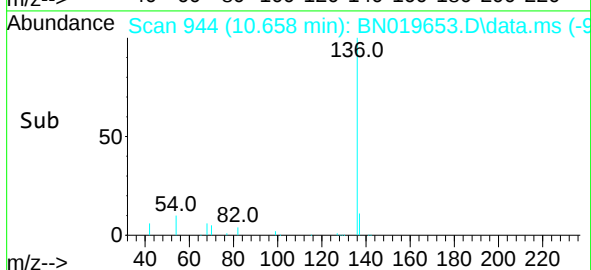
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022

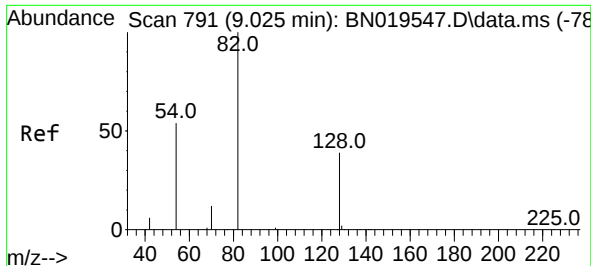


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50



Tgt Ion:136 Resp: 11015
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 11.2 7.8 11.6
68 7.6 5.4 8.2





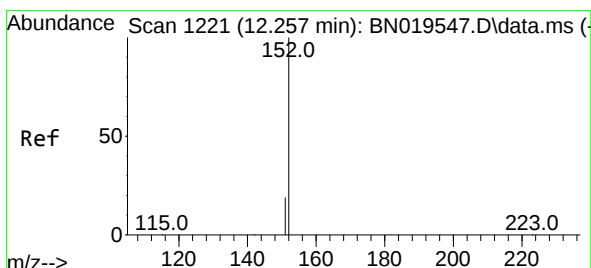
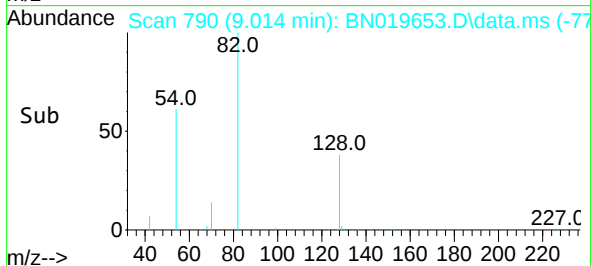
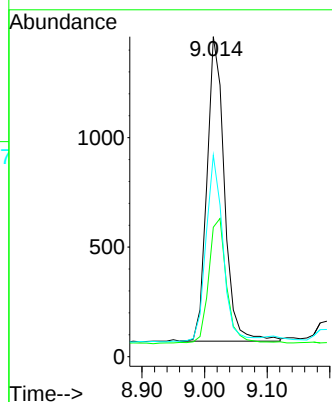
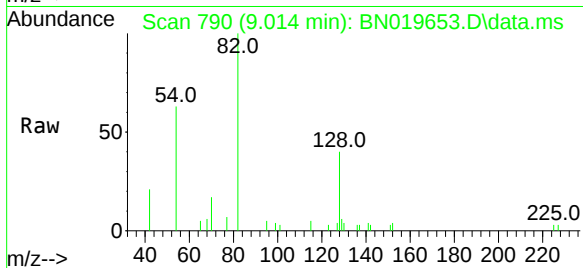
#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 9.014 min Scan# 791
Delta R.T. -0.011 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50

Instrument :
BNA_N
ClientSampleId :
EB-01-042922

Tgt Ion: 82 Resp: 268
Ion Ratio Lower Upper
82 100
128 40.5 32.4 48.6
54 63.0 44.4 66.6

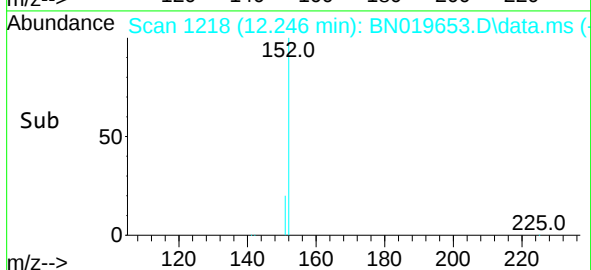
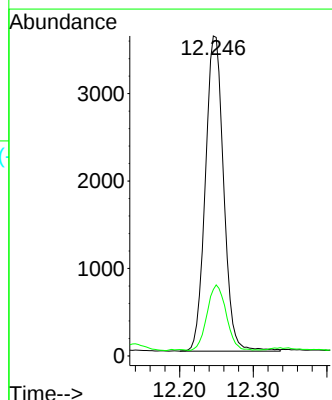
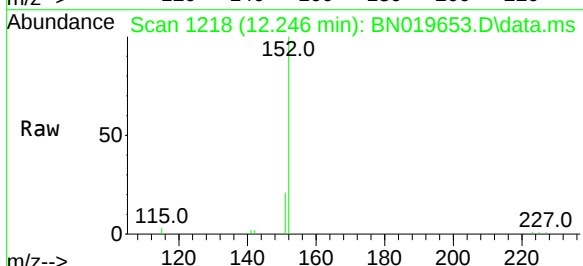
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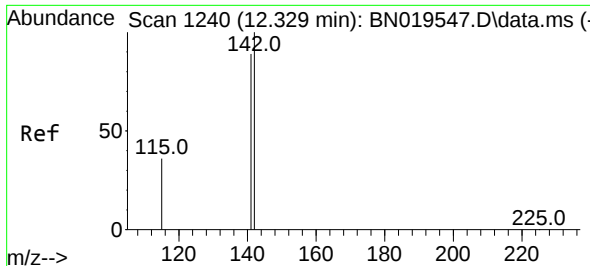
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.246 min Scan# 1218
Delta R.T. -0.011 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50

Tgt Ion:152 Resp: 6212
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.4





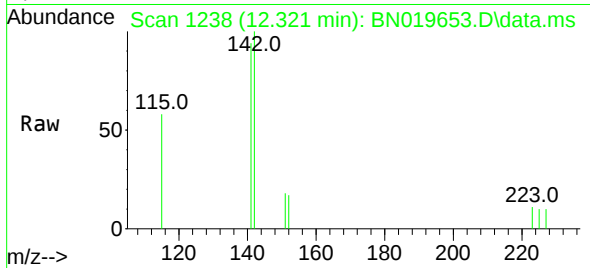
#12
2-Methylnaphthalene
Concen: 0.033 ng
RT: 12.321 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50

Instrument :

BNA_N

ClientSampleId :

EB-01-042922

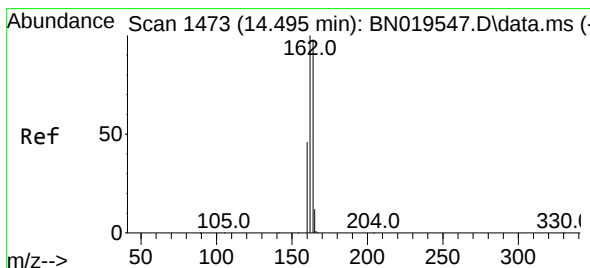
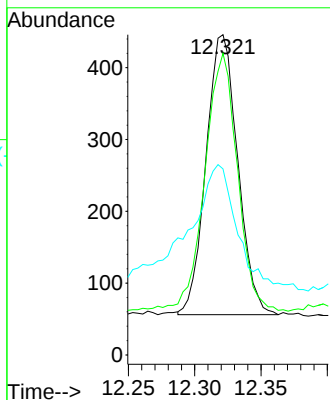
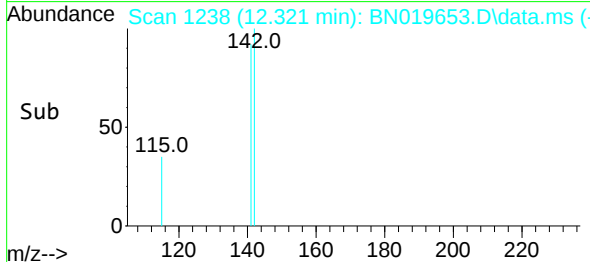


Tgt Ion:142 Resp: 648
Ion Ratio Lower Upper
142 100
141 94.2 71.0 106.6
115 58.1 29.6 44.4

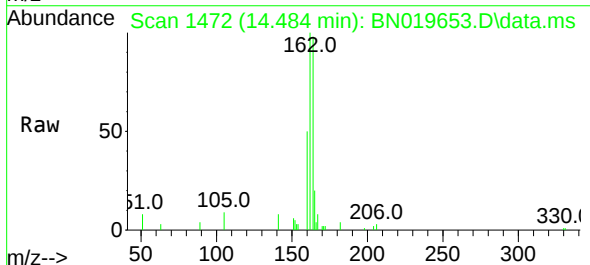
Manual Integrations

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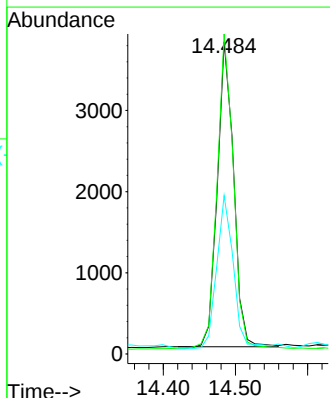
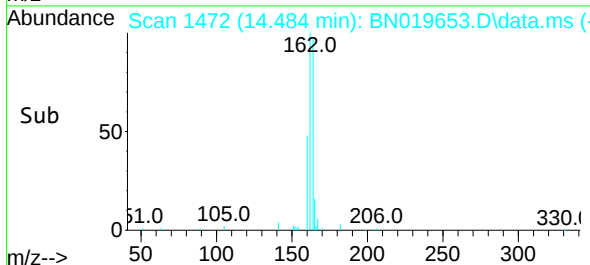
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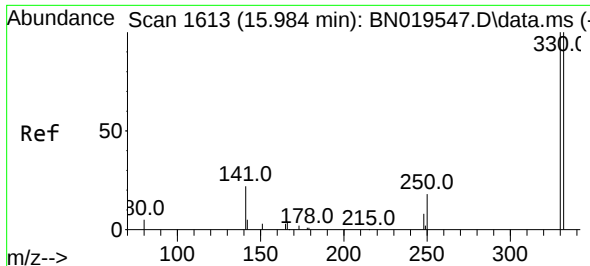


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50



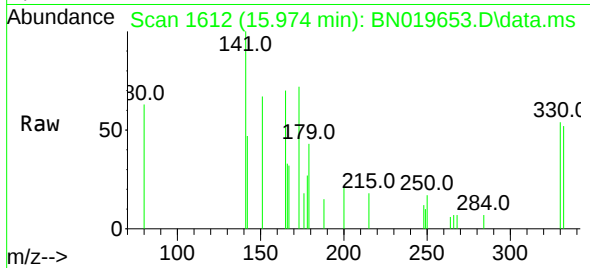
Tgt Ion:164 Resp: 5880
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 50.7 38.3 57.5





#14
2,4,6-Tribromophenol
Concen: 0.297 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.010 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50

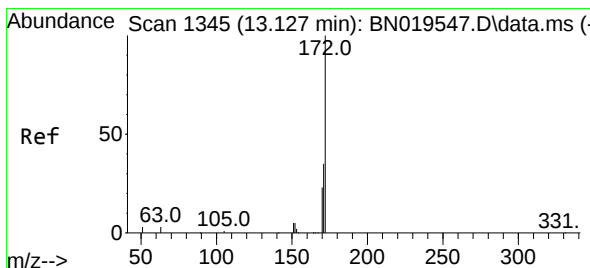
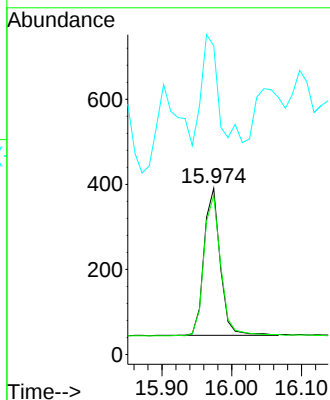
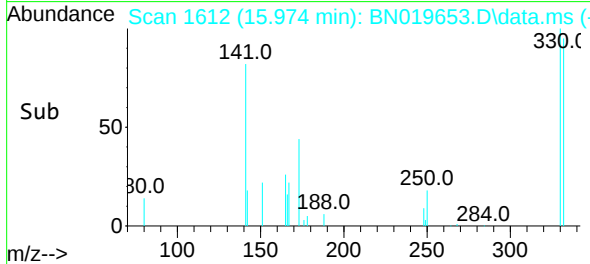
Instrument :
BNA_N
ClientSampleId :
EB-01-042922



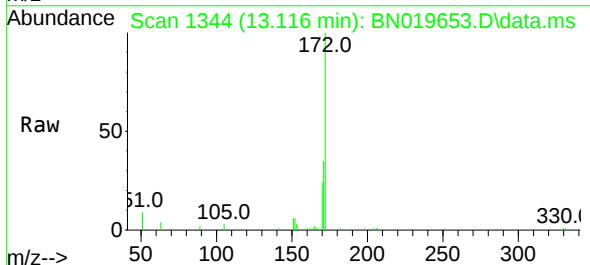
Tgt Ion:330 Resp: 559
Ion Ratio Lower Upper
330 100
332 100.0 76.2 114.4
141 78.0 39.7 59.5

Manual Integrations
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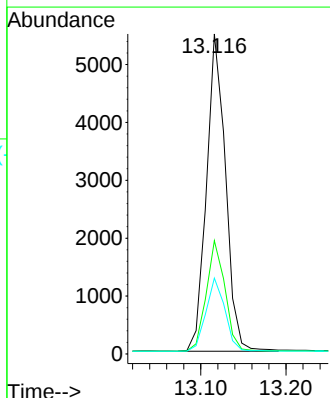
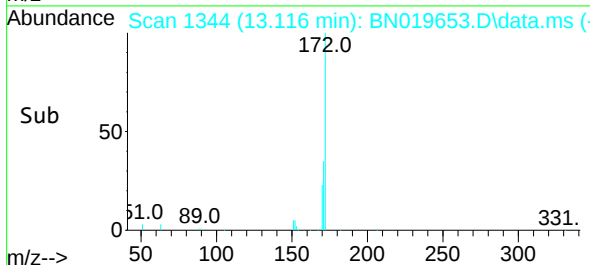
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022

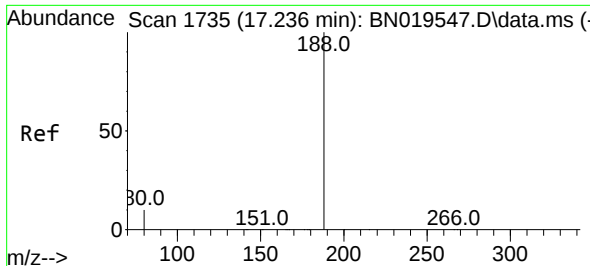


#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50



Tgt Ion:172 Resp: 8515
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.7 19.0 28.4





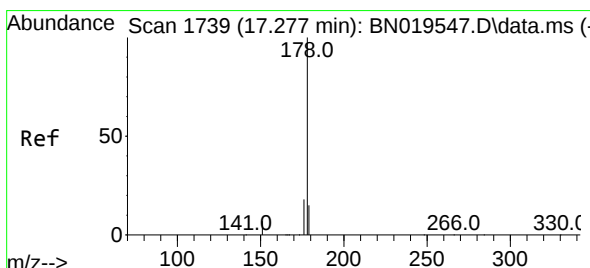
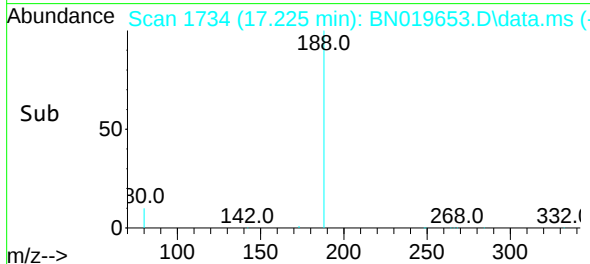
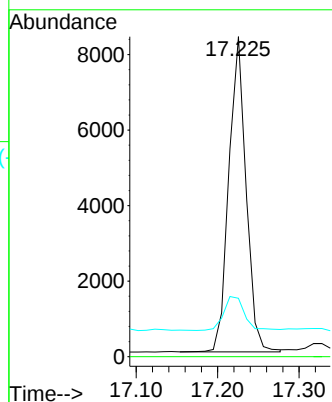
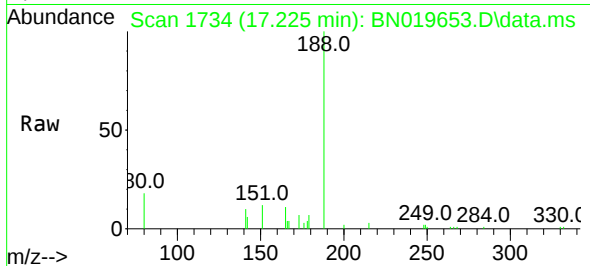
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1735
Delta R.T. -0.010 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50

Instrument :
BNA_N
ClientSampleId :
EB-01-042922

Tgt Ion:188 Resp: 1225
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.2 8.6 12.8

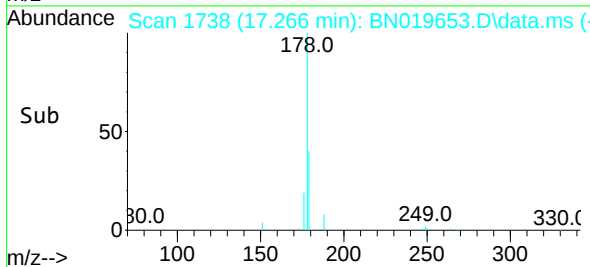
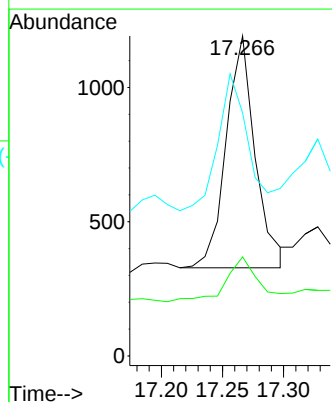
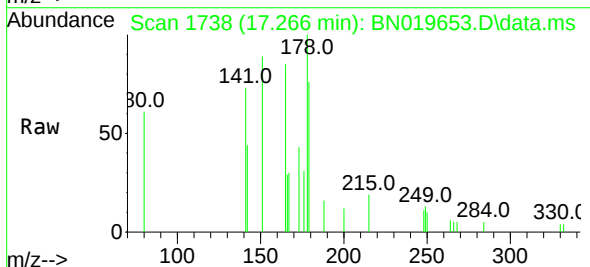
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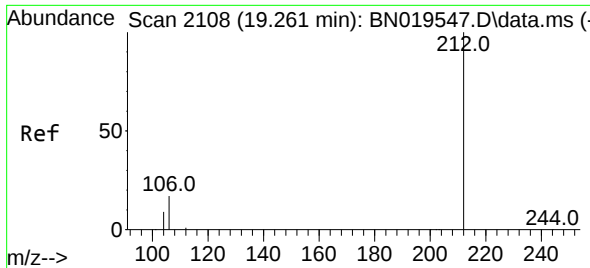
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#25
Phenanthrene
Concen: 0.035 ng
RT: 17.266 min Scan# 1738
Delta R.T. -0.010 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50

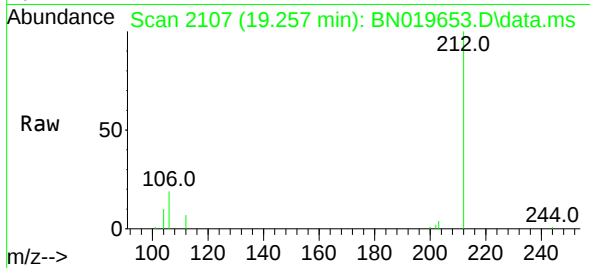
Tgt Ion:178 Resp: 1434
Ion Ratio Lower Upper
178 100
176 21.3 15.4 23.2
179 59.4 12.1 18.1





#27
Fluoranthene-d10
Concen: 0.483 ng
RT: 19.257 min Scan# 2107
Delta R.T. -0.004 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50

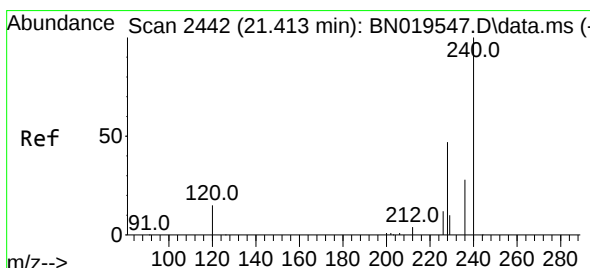
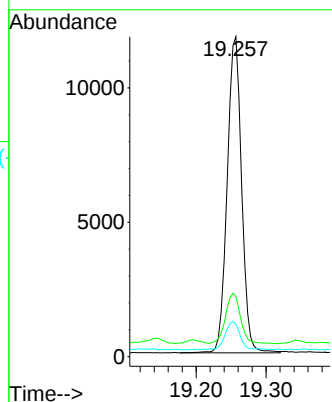
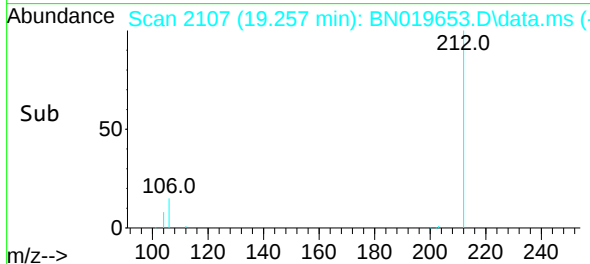
Instrument :
BNA_N
ClientSampleId :
EB-01-042922



Tgt Ion:212 Resp: 1686
Ion Ratio Lower Upper
212 100
106 16.7 13.5 20.3
104 8.8 7.6 11.4

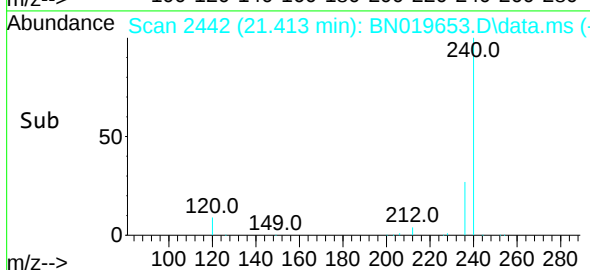
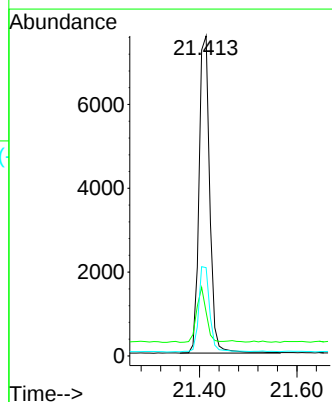
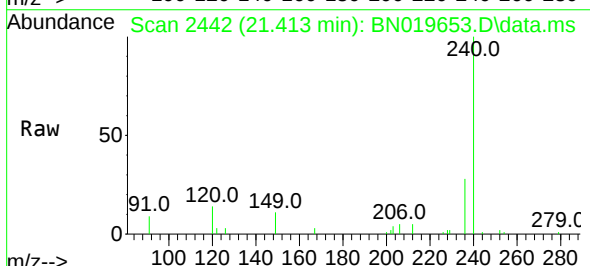
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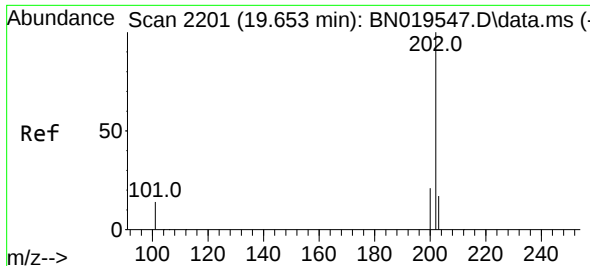
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50

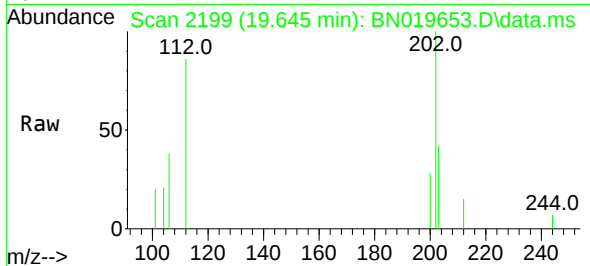
Tgt Ion:240 Resp: 11488
Ion Ratio Lower Upper
240 100
120 13.7 17.4 26.2#
236 27.6 23.0 34.4





#30
Pyrene
Concen: 0.036 ng
RT: 19.645 min Scan# 2199
Delta R.T. -0.008 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50

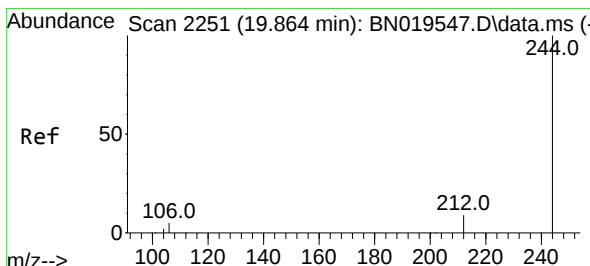
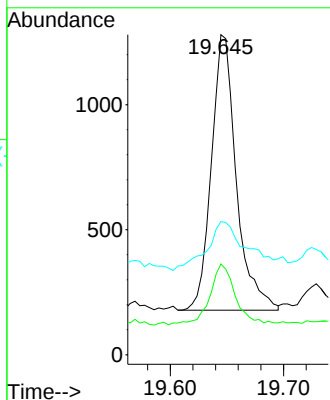
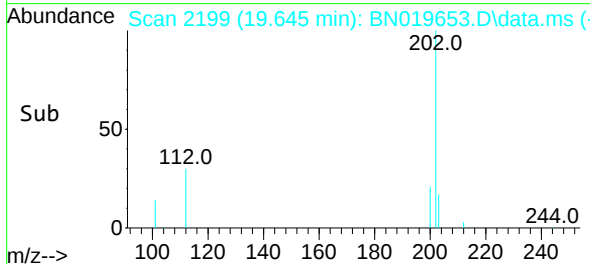
Instrument :
BNA_N
ClientSampleId :
EB-01-042922



Tgt Ion:202 Resp: 1689
Ion Ratio Lower Upper
202 100
200 22.8 16.7 25.1
203 30.5 14.2 21.4

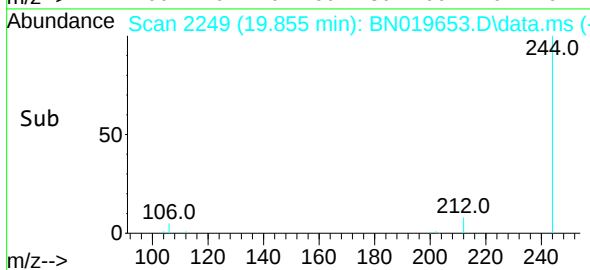
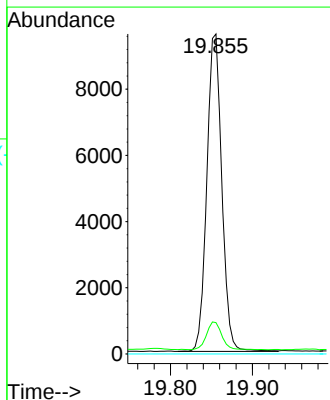
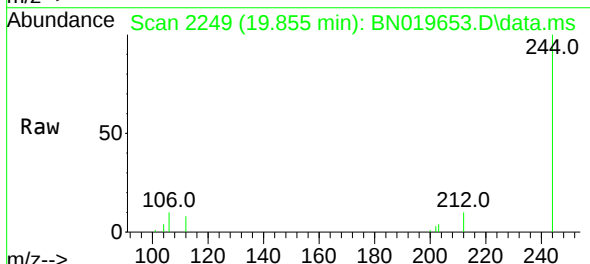
Manual Integrations
APPROVED

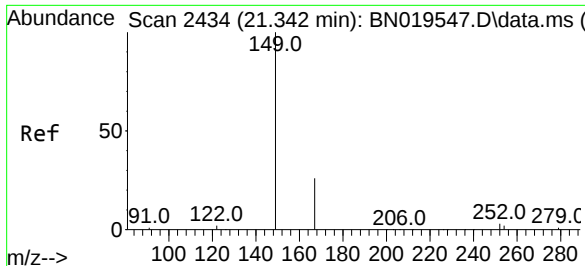
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#31
Terphenyl-d14
Concen: 0.481 ng
RT: 19.855 min Scan# 2249
Delta R.T. -0.008 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50

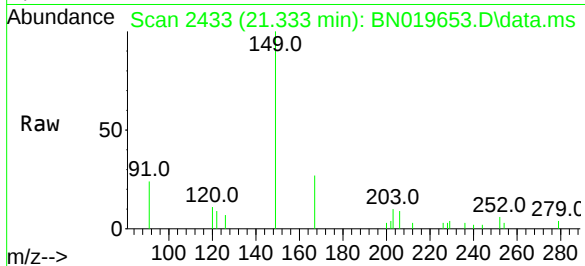
Tgt Ion:244 Resp: 12160
Ion Ratio Lower Upper
244 100
212 9.8 7.6 11.4
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.139 ng m
RT: 21.333 min Scan# 2434
Delta R.T. -0.009 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50

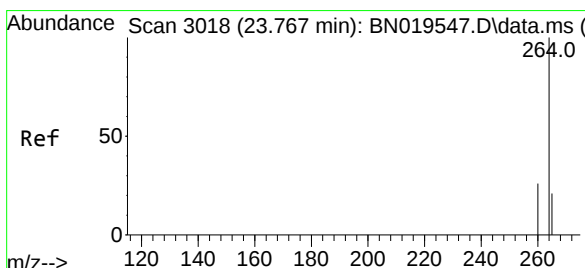
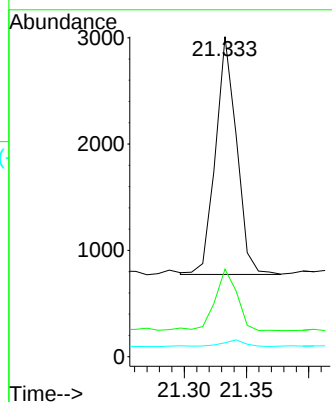
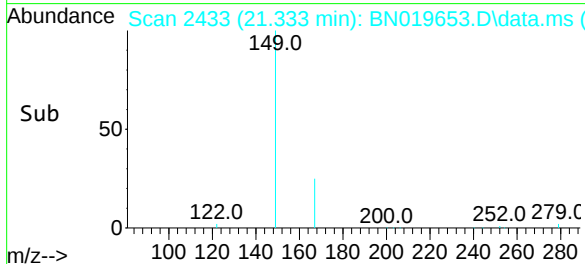
Instrument :
BNA_N
ClientSampleId :
EB-01-042922



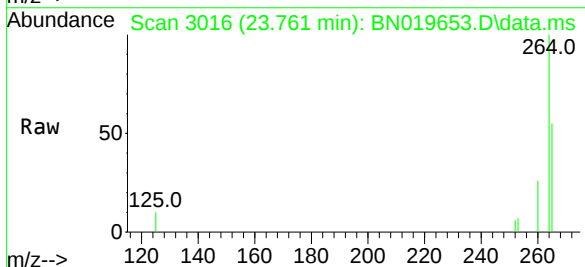
Tgt Ion:149 Resp: 2639
Ion Ratio Lower Upper
149 100
167 27.4 21.7 32.5
279 3.5 2.8 4.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.761 min Scan# 3016
Delta R.T. -0.006 min
Lab File: BN019653.D
Acq: 03 May 2022 17:50



Tgt Ion:264 Resp: 9359
Ion Ratio Lower Upper
264 100
260 26.1 21.0 31.6
265 55.3 67.9 101.9#

