

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019117.D
 Acq On : 24 Mar 2022 08:07
 Operator : CG/JU
 Sample : N2074-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20220321

Quant Time: Mar 24 08:58:13 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 03/24/2022
 Supervised By : Jagrut Upadhyay 03/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4033	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10471	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	6373	0.400	ng	-0.01
19) Phenanthrene-d10	17.226	188	13496	0.400	ng	-0.01
29) Chrysene-d12	21.422	240	9654	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	7697	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	885	0.098	ng	0.00
5) Phenol-d6	7.009	99	553	0.058	ng	0.00
8) Nitrobenzene-d5	9.014	82	1583m	0.210	ng	0.00
11) 2-Methylnaphthalene-d10	12.246	152	4489	0.258	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	655	0.213	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	6687	0.262	ng	-0.01
27) Fluoranthene-d10	19.261	212	16415	0.410	ng	0.00
31) Terphenyl-d14	19.856	244	9232	0.389	ng	0.00
Target Compounds						
25) Phenanthrene	17.267	178	1773	0.042	ng	96
28) Fluoranthene	19.291	202	2160	0.044	ng	99
30) Pyrene	19.653	202	1255	0.026	ng	97
34) Bis(2-ethylhexyl)phtha...	21.324	149	2288	0.116	ng	99

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

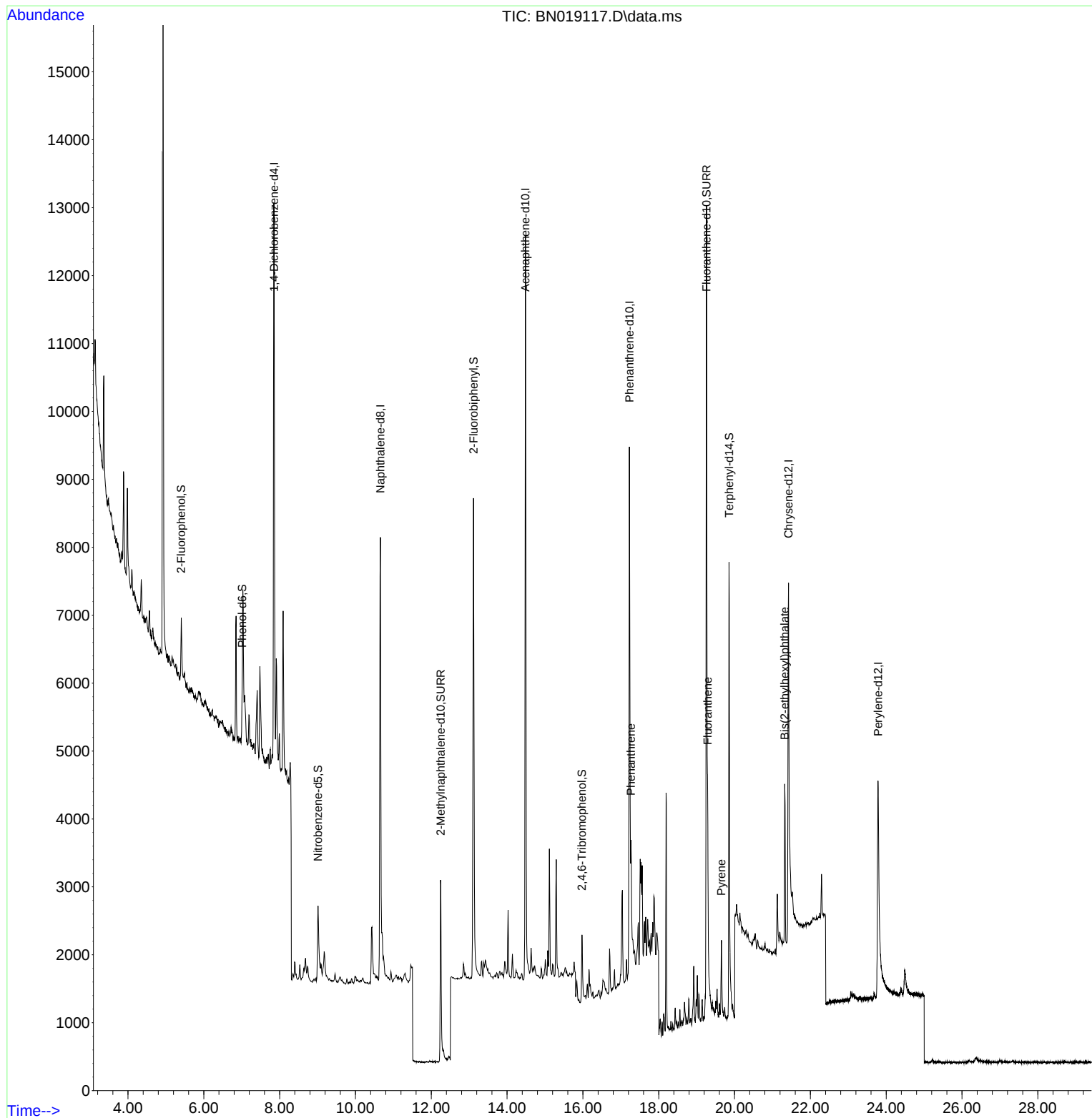
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019117.D
Acq On : 24 Mar 2022 08:07
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ALS Vial : 28 Sample Multiplier: 1

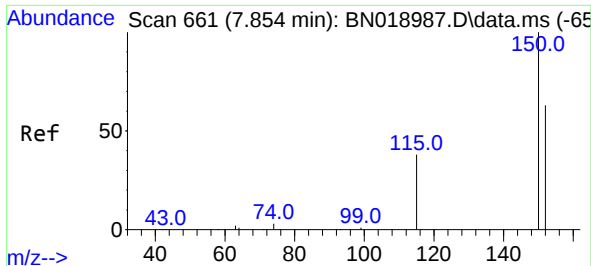
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BPOW1-7-20220321

Quant Time: Mar 24 08:58:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
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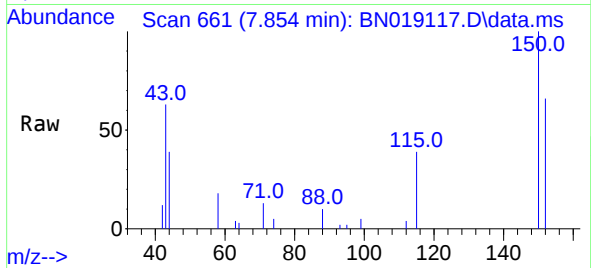
Reviewed By : Christian Giraldo 03/24/2022
Supervised By : Jagrut Upadhyay 03/24/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

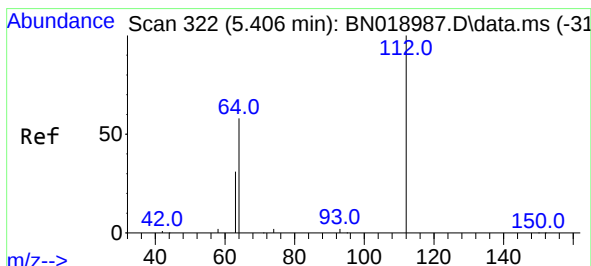
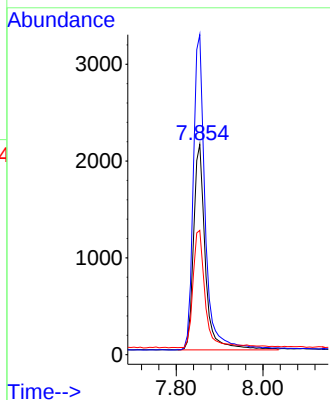
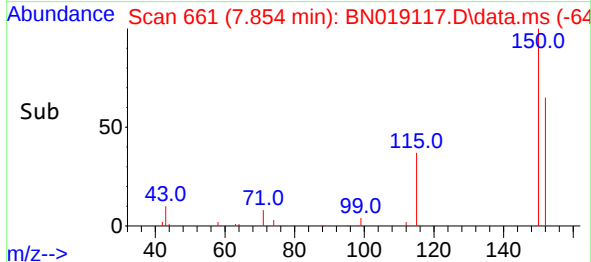
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BNA_N
ClientSampleId :
BPOW1-7-20220321



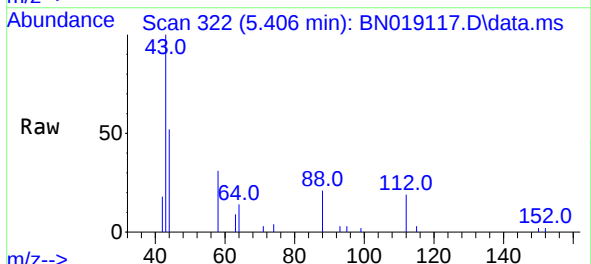
Tgt Ion:152 Resp: 403
Ion Ratio Lower Upper
152 100
150 152.2 123.9 185.9
115 59.1 48.2 72.4

Manual Integrations
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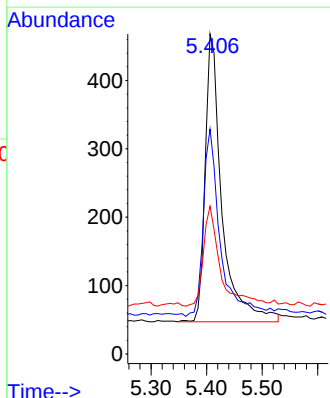
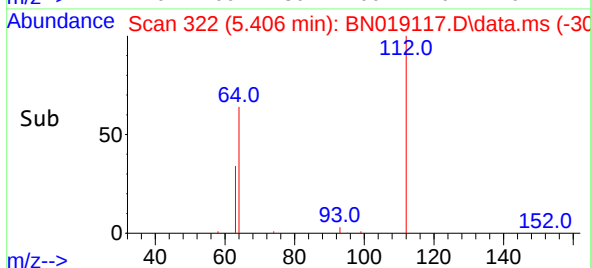
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

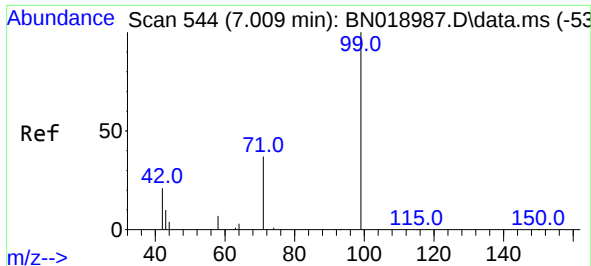


#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.406 min Scan# 322
Delta R.T. 0.000 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07



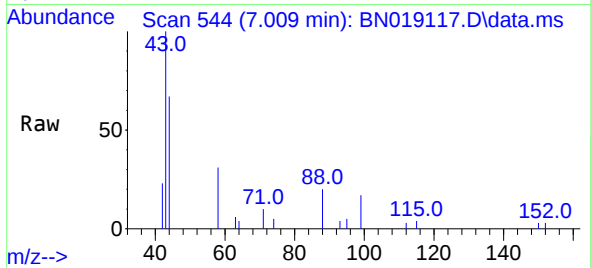
Tgt Ion:112 Resp: 885
Ion Ratio Lower Upper
112 100
64 65.4 47.8 71.8
63 35.4 25.7 38.5





#5
Phenol-d6
Concen: 0.058 ng
RT: 7.009 min Scan# 544
Delta R.T. 0.000 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

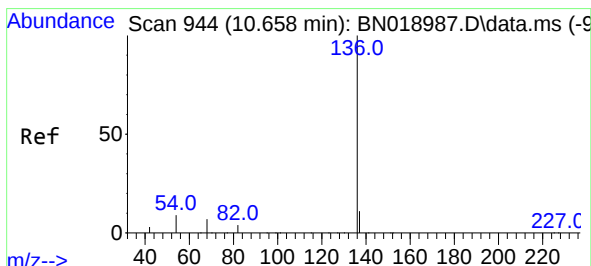
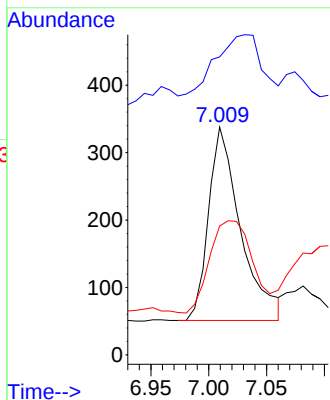
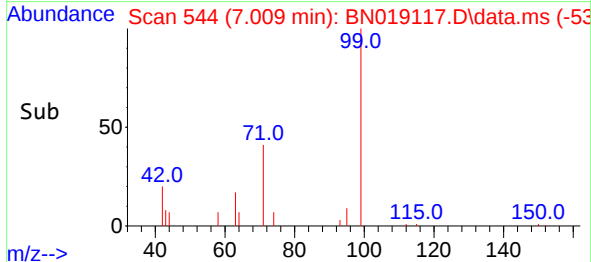
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ClientSampleId :
BPOW1-7-20220321



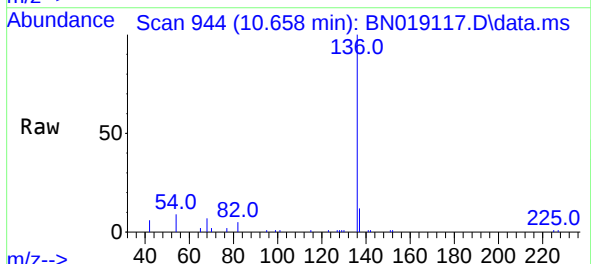
Tgt Ion: 99 Resp: 551
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4#
71 62.9 27.7 41.5#

Manual Integrations
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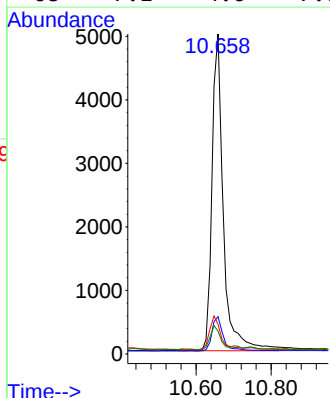
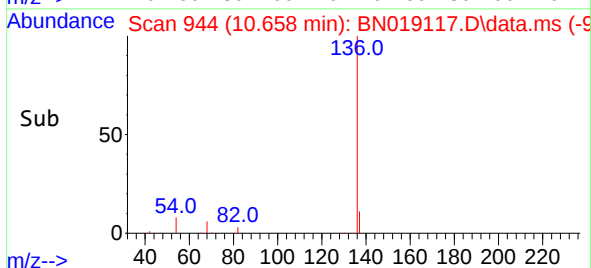
Reviewed By :Christian Giraldo 03/24/2022
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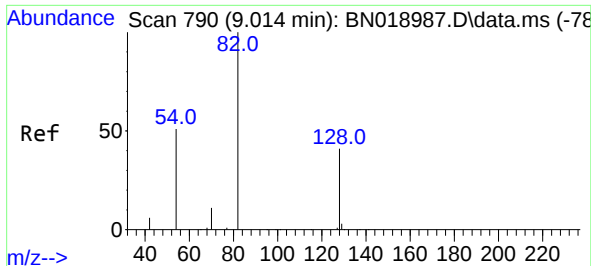


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07



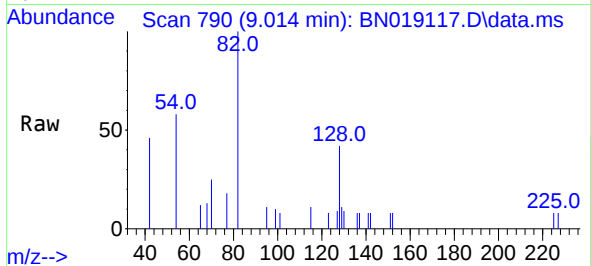
Tgt Ion:136 Resp: 10471
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 9.3 5.8 8.6#
68 7.1 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.210 ng m
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

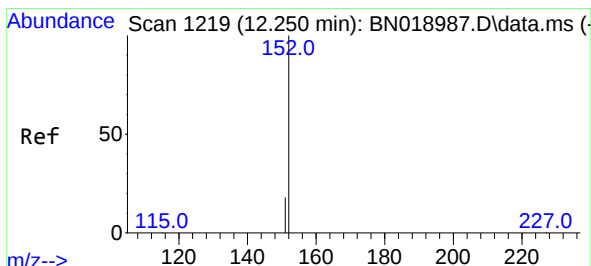
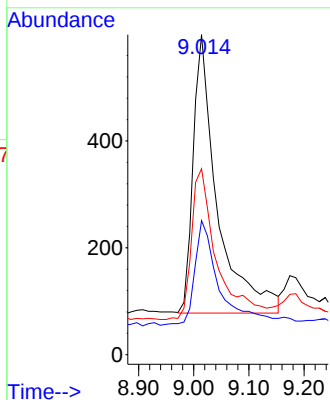
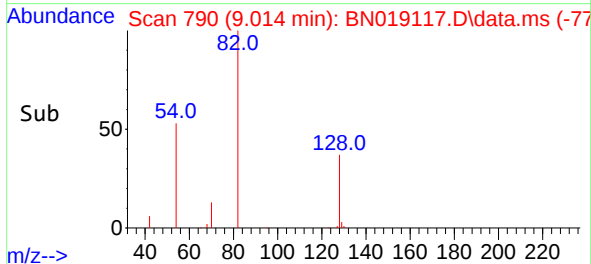
Instrument :
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ClientSampleId :
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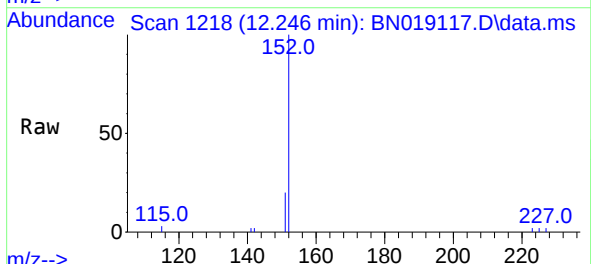
Tgt Ion: 82 Resp: 158
Ion Ratio Lower Upper
82 100
128 41.9 33.0 49.6
54 58.1 42.5 63.7

Manual Integrations
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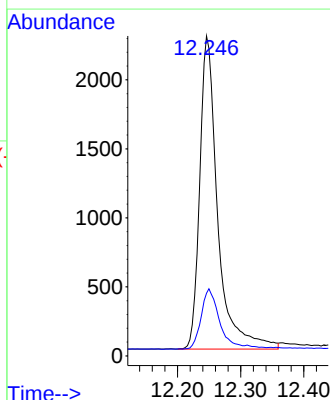
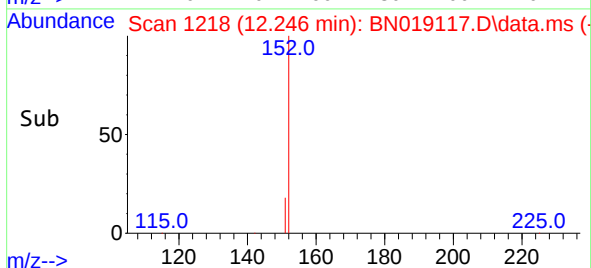
Reviewed By :Christian Giraldo 03/24/2022
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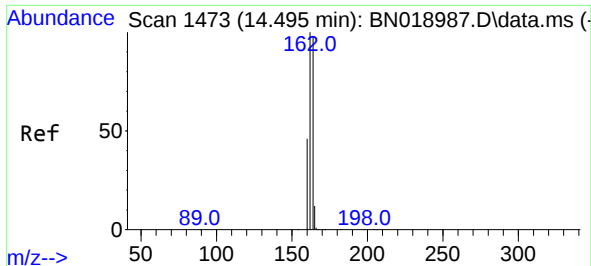


#11
2-Methylnaphthalene-d10
Concen: 0.258 ng
RT: 12.246 min Scan# 1218
Delta R.T. -0.004 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07



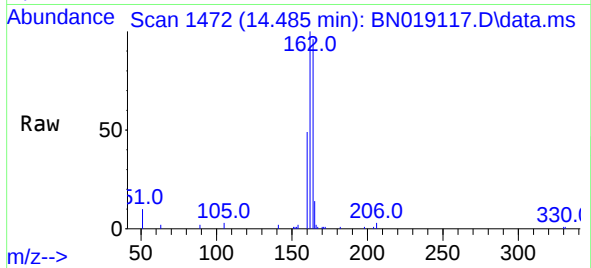
Tgt Ion:152 Resp: 4489
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1473
Delta R.T. -0.011 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

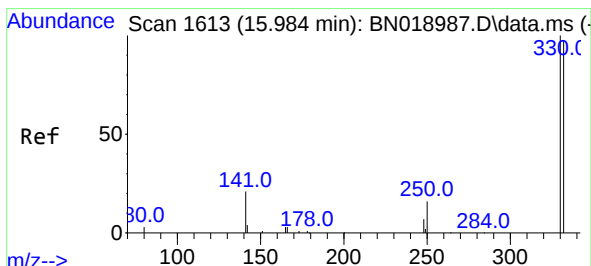
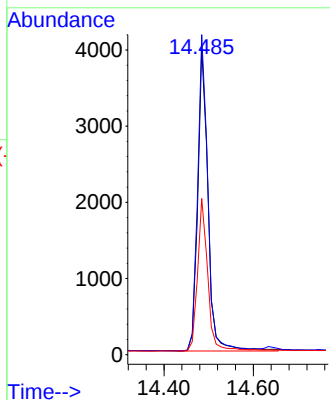
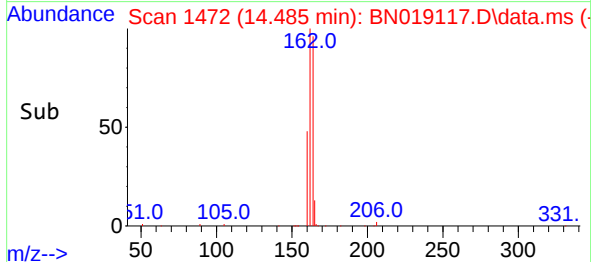
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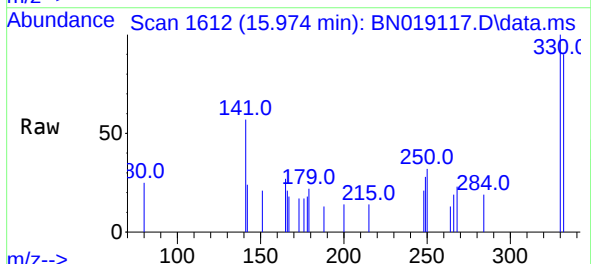
Tgt Ion:164 Resp: 637.0
Ion Ratio Lower Upper
164 100
162 104.5 85.2 127.8
160 51.0 41.5 62.3

Manual Integrations
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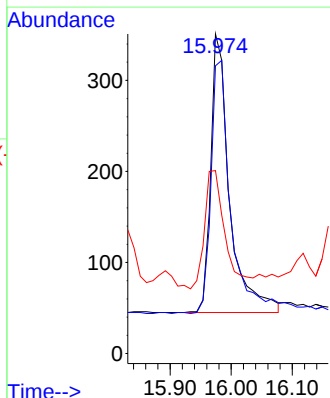
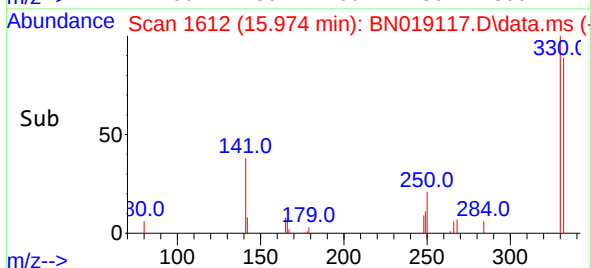
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

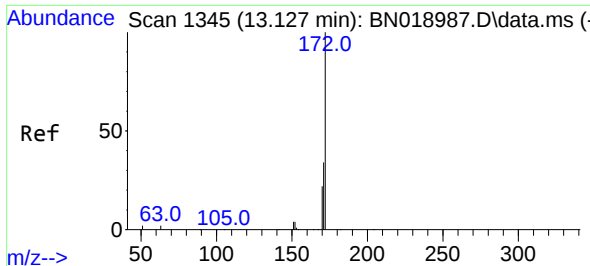


#14
2,4,6-Tribromophenol
Concen: 0.213 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.010 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07



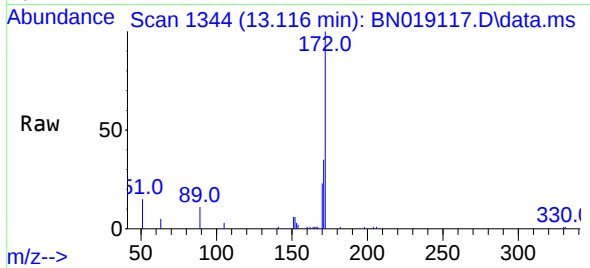
Tgt Ion:330 Resp: 655
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 46.6 32.2 48.2





#15
2-Fluorobiphenyl
Concen: 0.262 ng
RT: 13.116 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

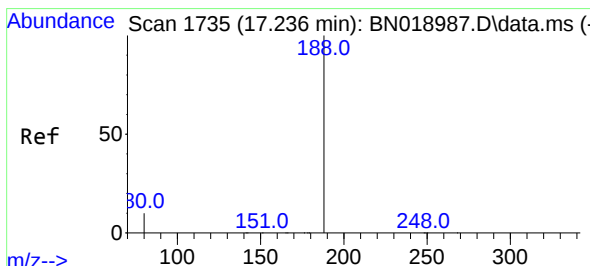
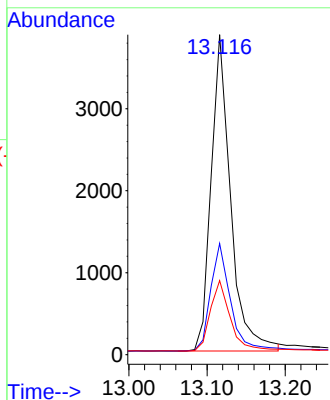
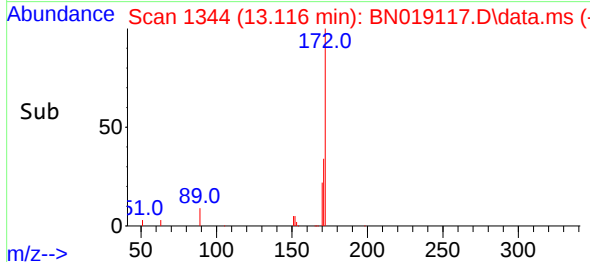
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Tgt Ion:172 Resp: 668
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.1 18.7 28.1

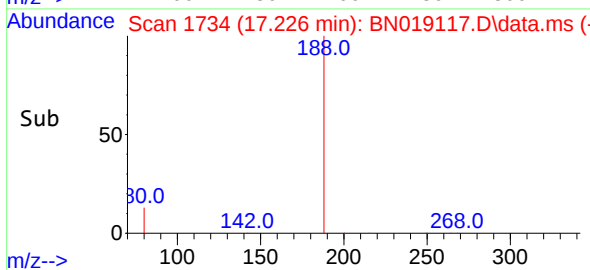
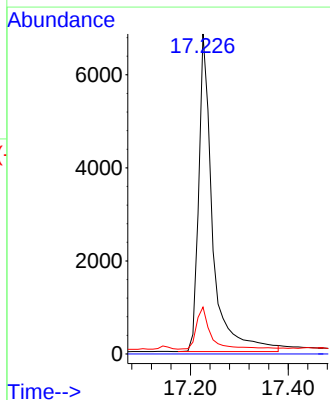
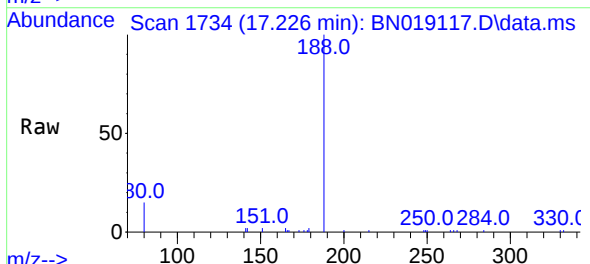
Manual Integrations
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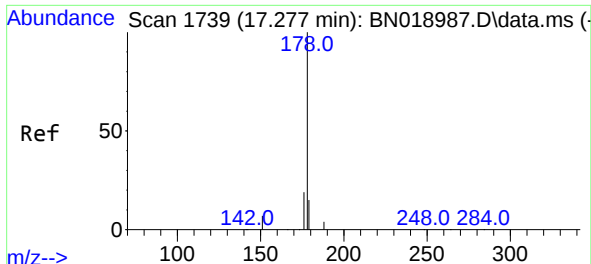
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

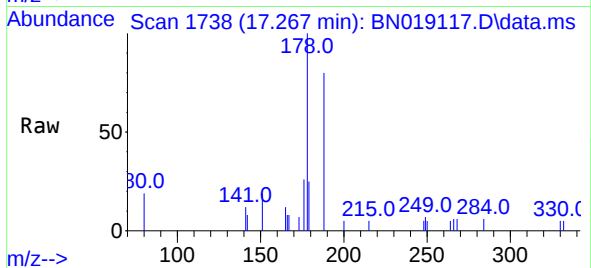
Tgt Ion:188 Resp: 13496
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 11.8 17.8





#25
Phenanthrene
Concen: 0.042 ng
RT: 17.267 min Scan# 1738
Delta R.T. -0.010 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

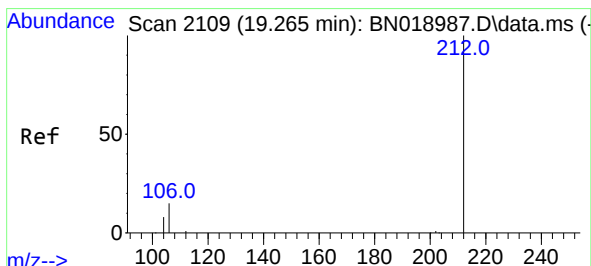
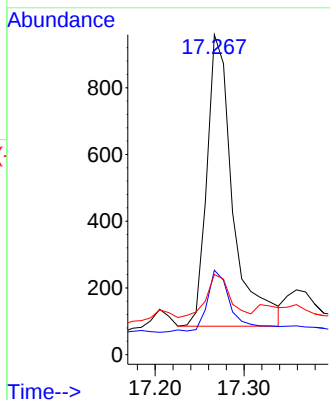
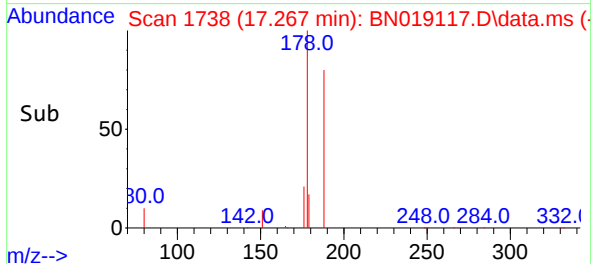
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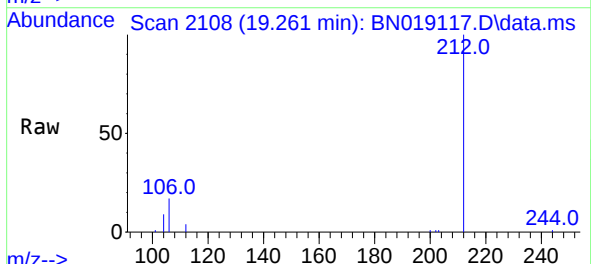
Tgt Ion:178 Resp: 177
Ion Ratio Lower Upper
178 100
176 20.9 15.4 23.0
179 13.5 12.2 18.2

Manual Integrations
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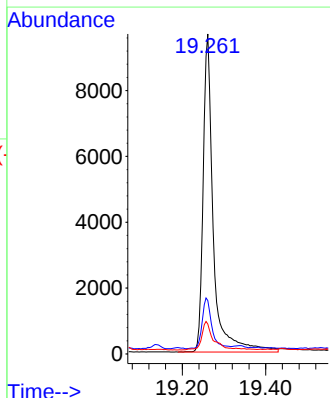
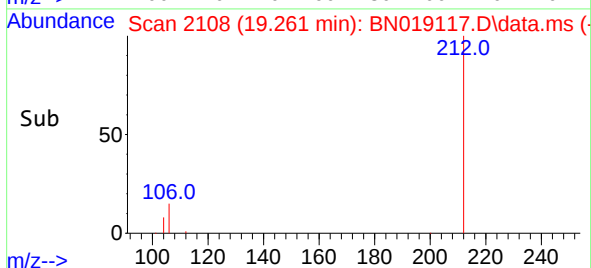
Reviewed By :Christian Giraldo 03/24/2022
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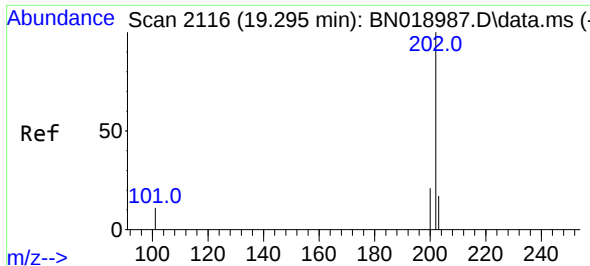


#27
Fluoranthene-d10
Concen: 0.410 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07



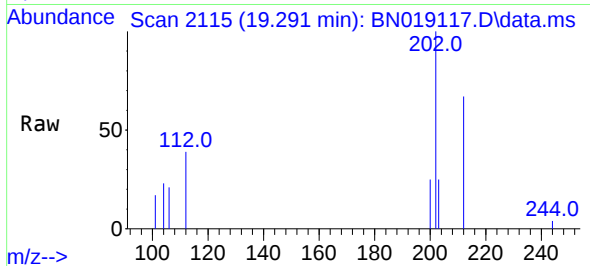
Tgt Ion:212 Resp: 16415
Ion Ratio Lower Upper
212 100
106 15.0 12.7 19.1
104 9.8 7.1 10.7





#28
Fluoranthene
Concen: 0.044 ng
RT: 19.291 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

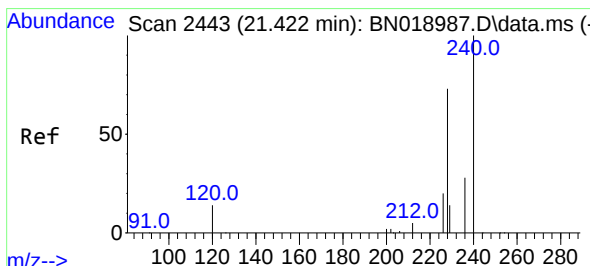
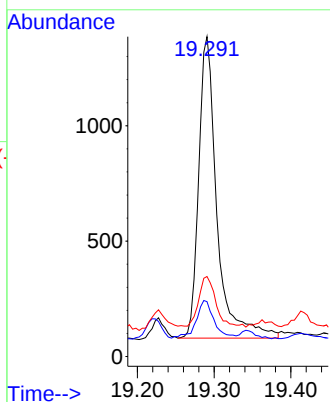
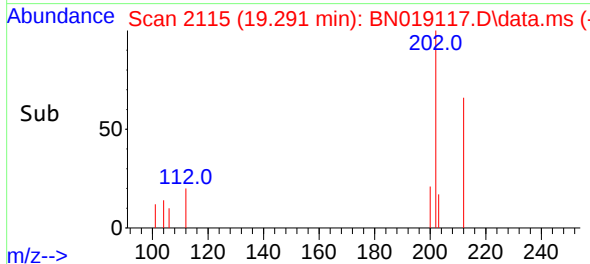
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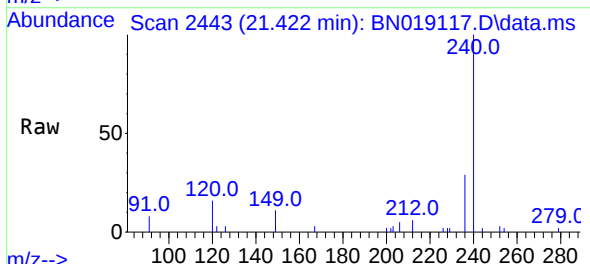
Tgt Ion:202 Resp: 2160
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.6
203 17.1 13.7 20.5

Manual Integrations
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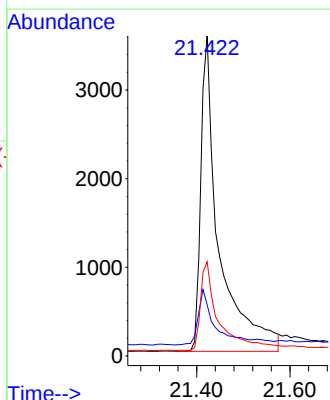
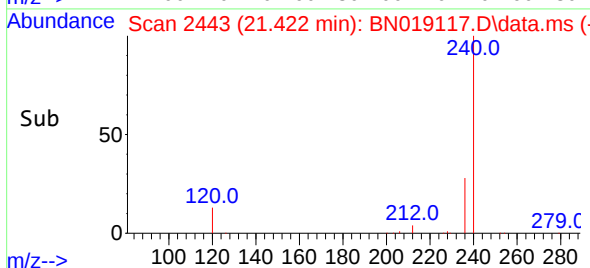
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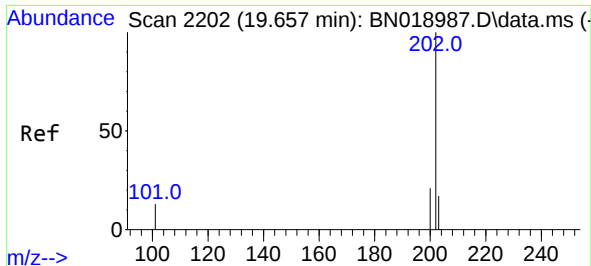


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07



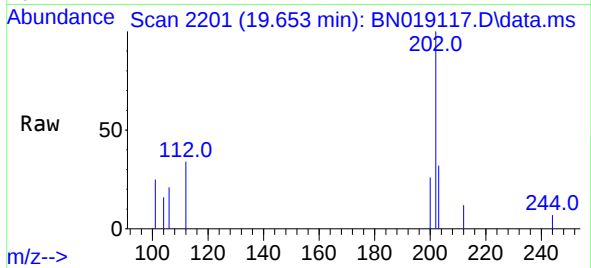
Tgt Ion:240 Resp: 9654
Ion Ratio Lower Upper
240 100
120 16.0 8.5 12.7#
236 29.5 22.4 33.6





#30
Pyrene
Concen: 0.026 ng
RT: 19.653 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

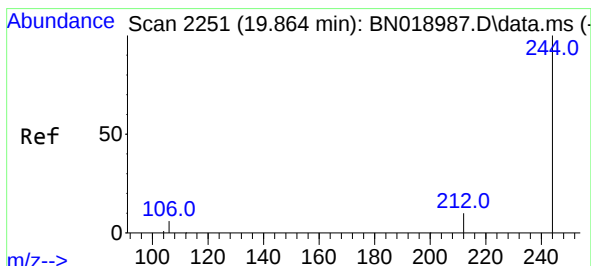
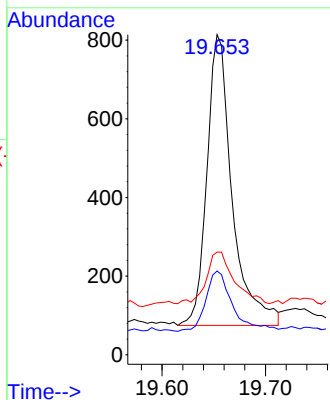
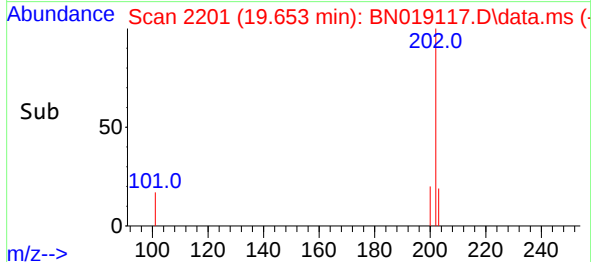
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20220321



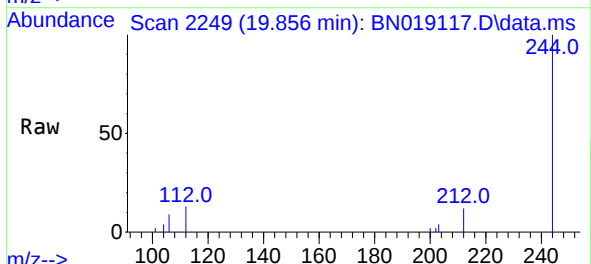
Tgt Ion:202 Resp: 125
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 19.4 14.2 21.2

Manual Integrations
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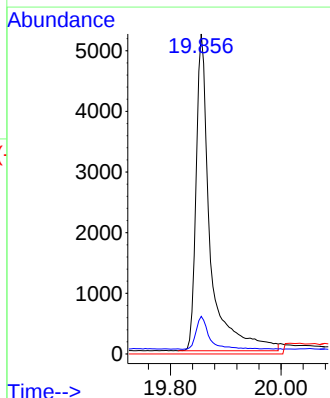
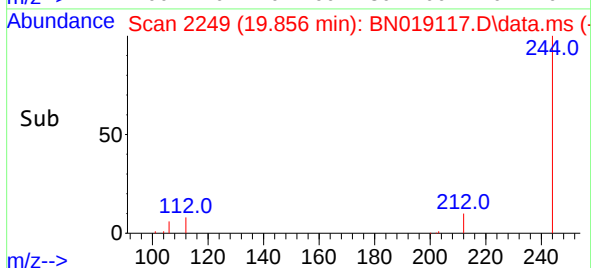
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

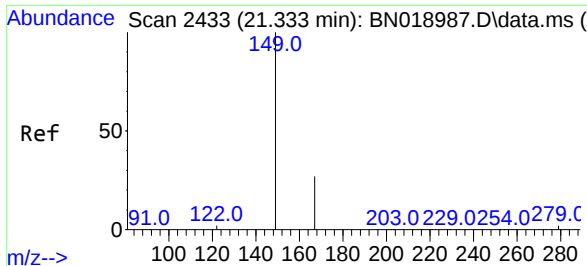


#31
Terphenyl-d14
Concen: 0.389 ng
RT: 19.856 min Scan# 2249
Delta R.T. -0.008 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07



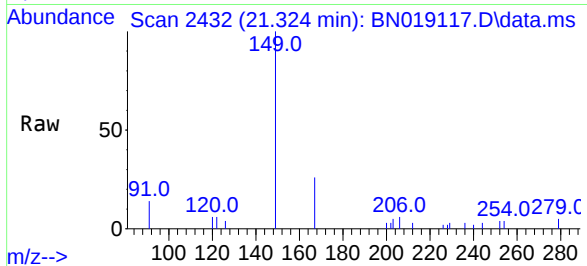
Tgt Ion:244 Resp: 9232
Ion Ratio Lower Upper
244 100
212 11.8 8.2 12.4
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.116 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

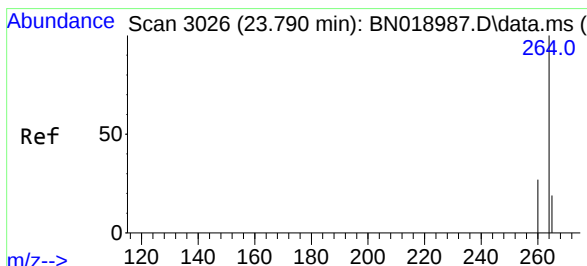
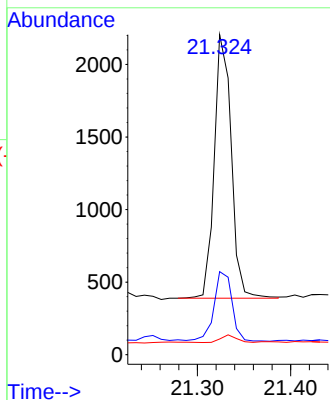
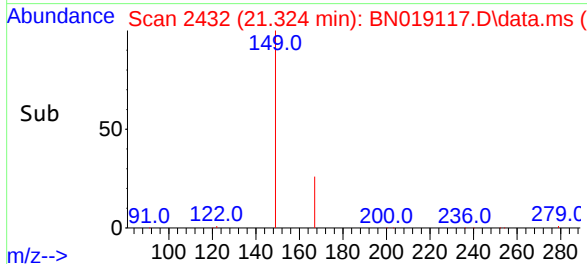
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20220321



Tgt Ion:149 Resp: 2288
Ion Ratio Lower Upper
149 100
167 28.1 21.8 32.8
279 2.7 2.0 3.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.785 min Scan# 3024
Delta R.T. -0.006 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

Tgt Ion:264 Resp: 7697
Ion Ratio Lower Upper
264 100
260 27.6 22.4 33.6
265 47.9 25.3 37.9

