

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019113.D
 Acq On : 24 Mar 2022 05:45
 Operator : CG/JU
 Sample : N2074-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D2-20220320

Manual Integrations
 APPROVED

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

Quant Time: Mar 24 07:18:56 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4062	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10018	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	6090	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	11721	0.400	ng	0.00
29) Chrysene-d12	21.422	240	9201	0.400	ng	# 0.00
35) Perylene-d12	23.788	264	7555	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	914	0.100	ng	0.00
5) Phenol-d6	7.031	99	348	0.036	ng	0.02
8) Nitrobenzene-d5	9.025	82	1547m	0.214	ng	0.01
11) 2-Methylnaphthalene-d10	12.253	152	4632	0.279	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	577	0.196	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	6449	0.264	ng	0.00
27) Fluoranthene-d10	19.261	212	15568	0.448	ng	0.00
31) Terphenyl-d14	19.856	244	12261	0.543	ng	0.00
Target Compounds						Qvalue
22) Hexachlorobenzene	16.549	284	353	0.037	ng	98
25) Phenanthrene	17.277	178	1104	0.030	ng	# 96
26) Anthracene	17.369	178	677	0.022	ng	# 90
28) Fluoranthene	19.291	202	3139	0.073	ng	98
30) Pyrene	19.653	202	3261	0.071	ng	99
32) Benzo(a)anthracene	21.404	228	2001	0.071	ng	94
33) Chrysene	21.458	228	3430	0.090	ng	94
34) Bis(2-ethylhexyl)phtha...	21.333	149	2923	0.156	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.246	276	2651m	0.097	ng	
37) Benzo(b)fluoranthene	23.068	252	2339	0.085	ng	# 65
38) Benzo(k)fluoranthene	23.121	252	3368m	0.089	ng	
39) Benzo(a)pyrene	23.682	252	2438m	0.097	ng	
40) Dibenzo(a,h)anthracene	26.281	278	1799m	0.085	ng	
41) Benzo(g,h,i)perylene	26.992	276	2595	0.097	ng	# 86

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

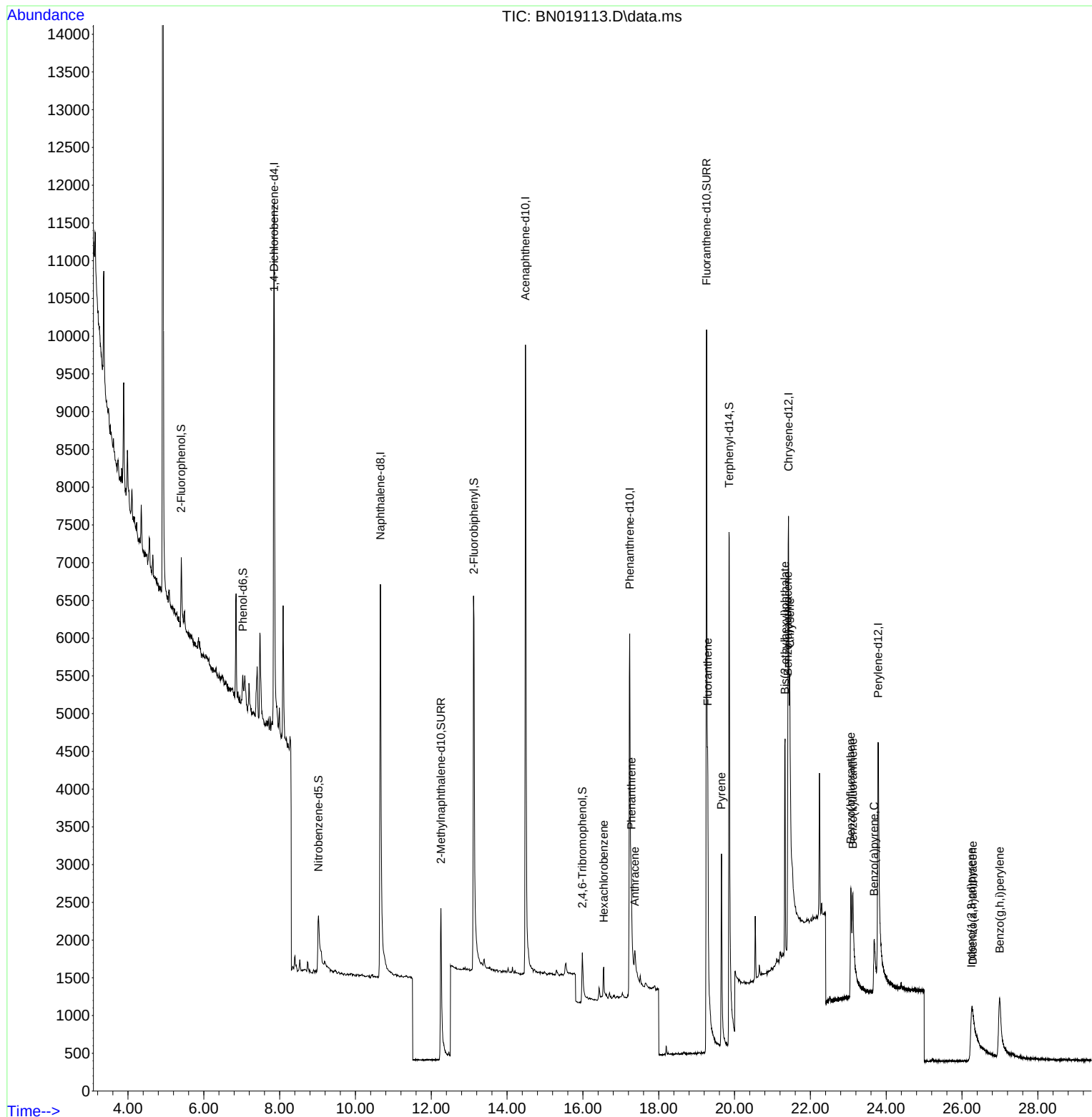
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019113.D
Acq On : 24 Mar 2022 05:45
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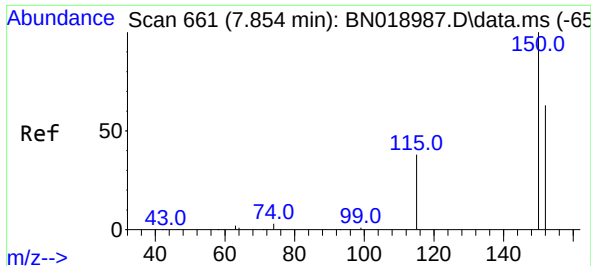
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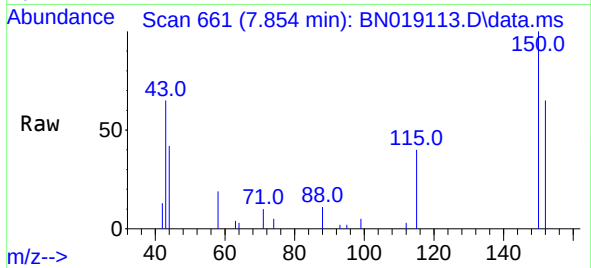
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

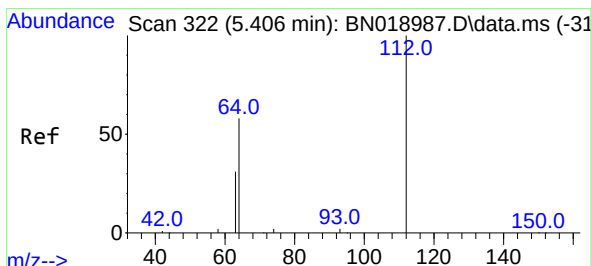
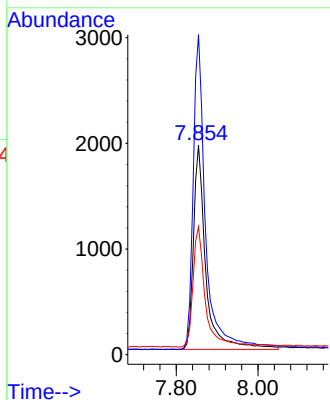
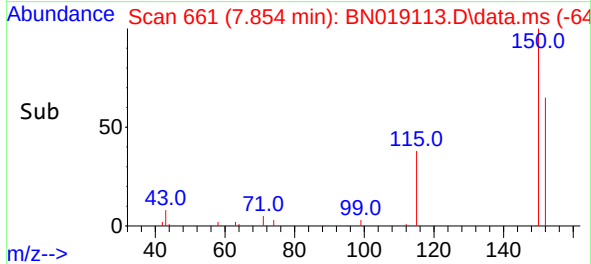
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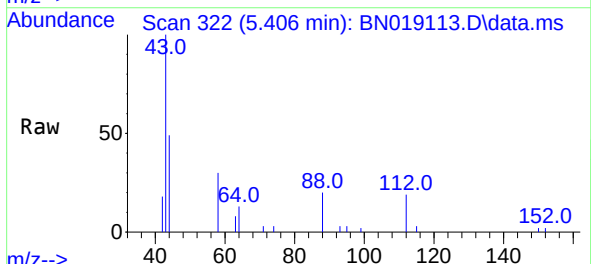
Tgt Ion:152 Resp: 4062
Ion Ratio Lower Upper
152 100
150 152.8 123.9 185.9
115 61.0 48.2 72.4

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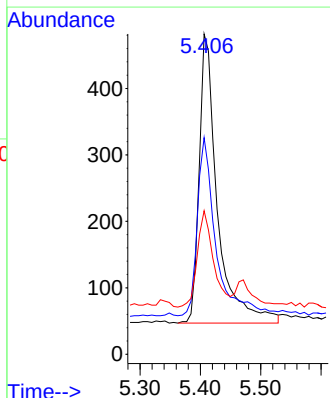
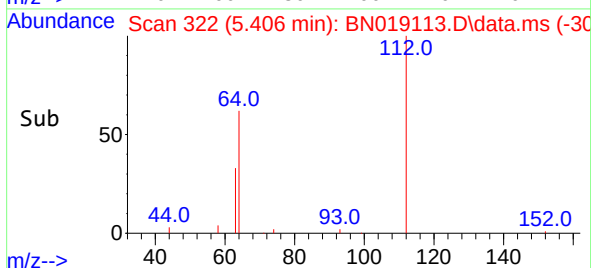
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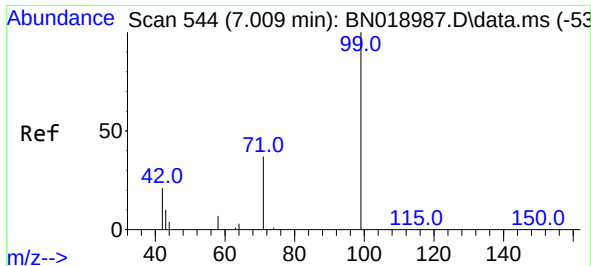


#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.406 min Scan# 322
Delta R.T. 0.000 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45



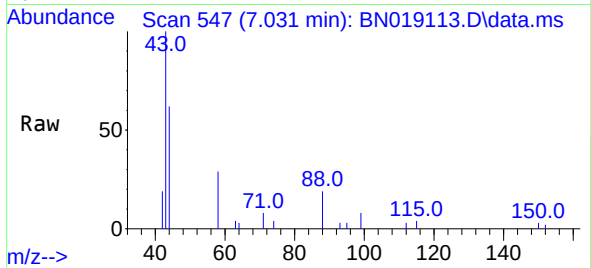
Tgt Ion:112 Resp: 914
Ion Ratio Lower Upper
112 100
64 63.1 47.8 71.8
63 29.6 25.7 38.5





#5
Phenol-d6
Concen: 0.036 ng
RT: 7.031 min Scan# 544
Delta R.T. 0.022 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

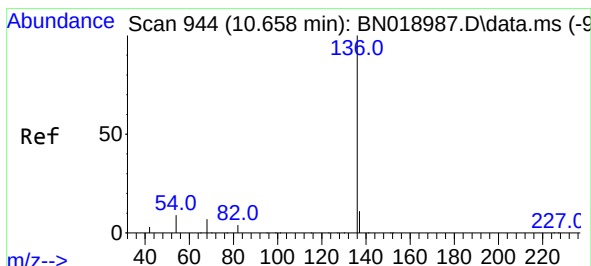
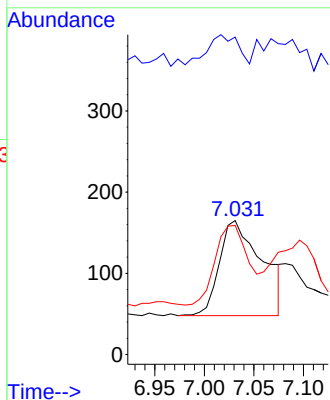
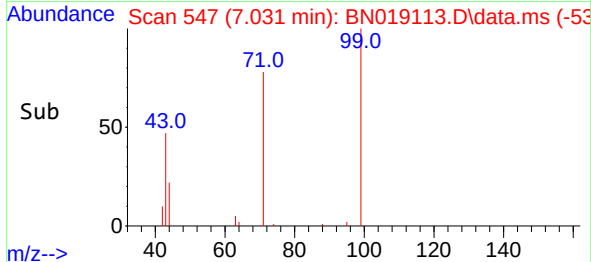
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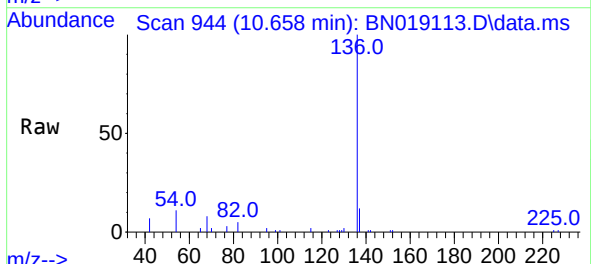
Tgt Ion: 99 Resp: 348
Ion Ratio Lower Upper
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42 22.1 16.2 24.4
71 64.7 27.7 41.5

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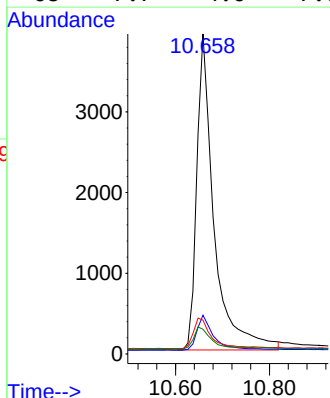
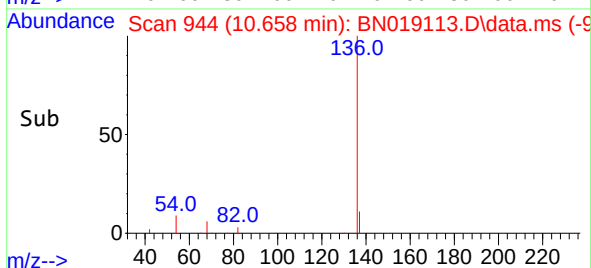
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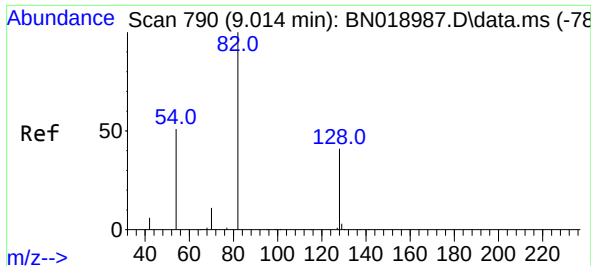


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45



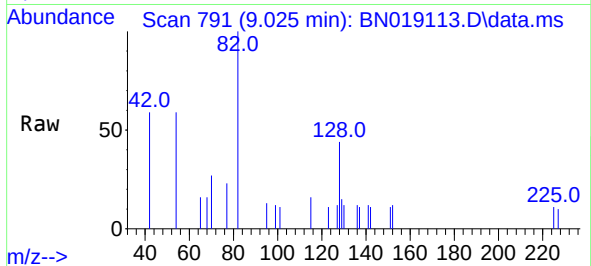
Tgt Ion:136 Resp: 10018
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.4
54 10.6 5.8 8.6#
68 7.7 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.214 ng m
RT: 9.025 min Scan# 790
Delta R.T. 0.011 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

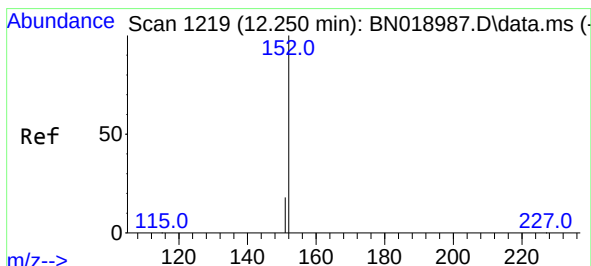
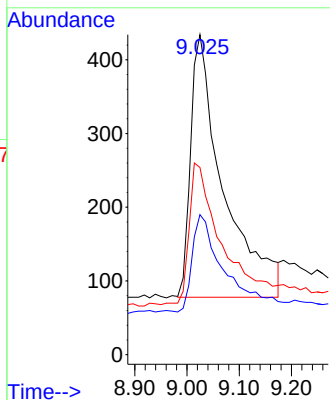
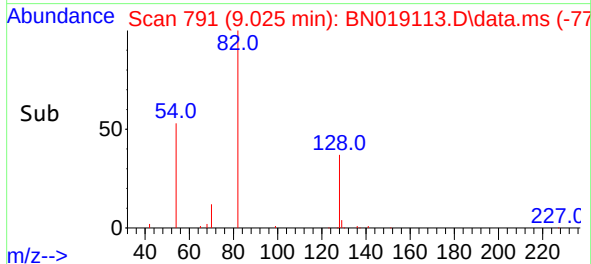
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Tgt Ion: 82 Resp: 154
Ion Ratio Lower Upper
82 100
128 43.8 33.0 49.6
54 58.5 42.5 63.7

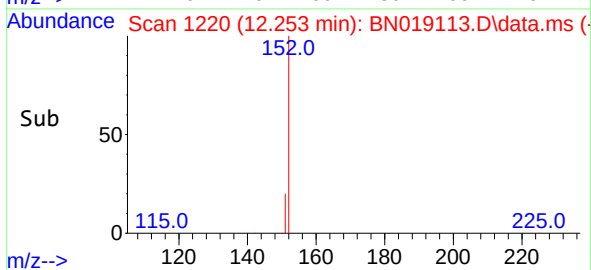
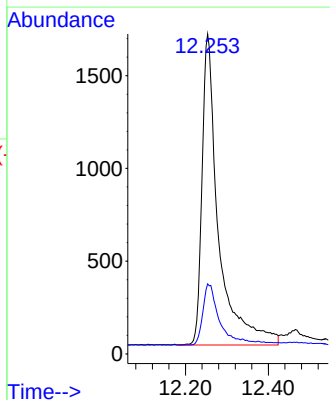
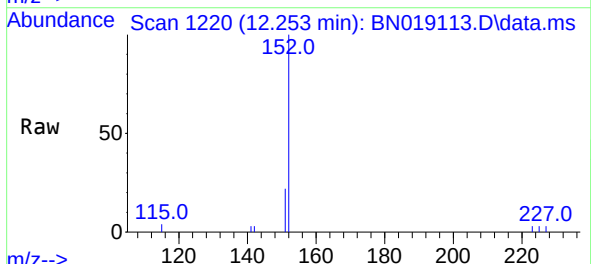
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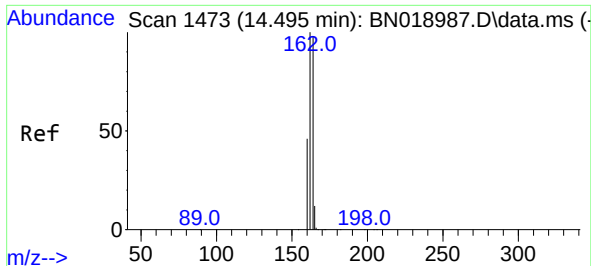
Reviewed By :Christian Giraldo 03/24/2022
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#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 12.253 min Scan# 1220
Delta R.T. 0.004 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

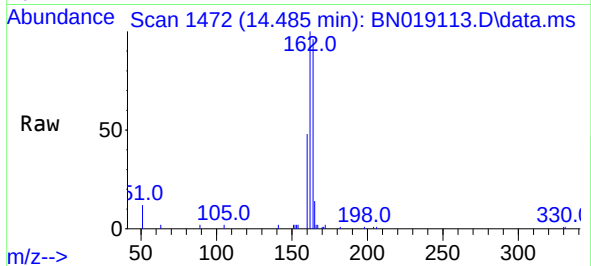
Tgt Ion:152 Resp: 4632
Ion Ratio Lower Upper
152 100
151 19.8 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1473
Delta R.T. -0.011 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

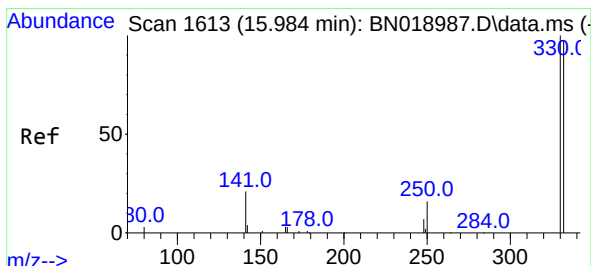
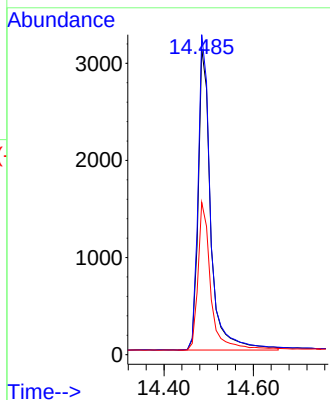
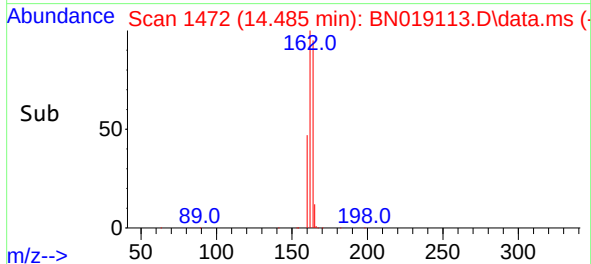
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ClientSampleId :
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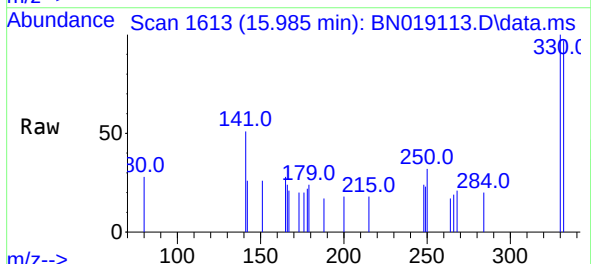
Tgt Ion:164 Resp: 6090
Ion Ratio Lower Upper
164 100
162 104.7 85.2 127.8
160 49.8 41.5 62.3

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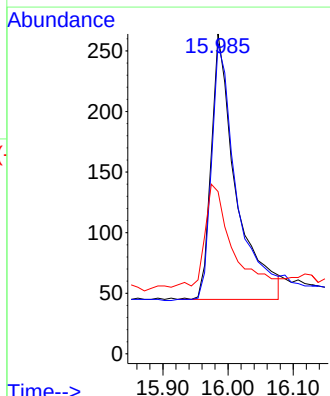
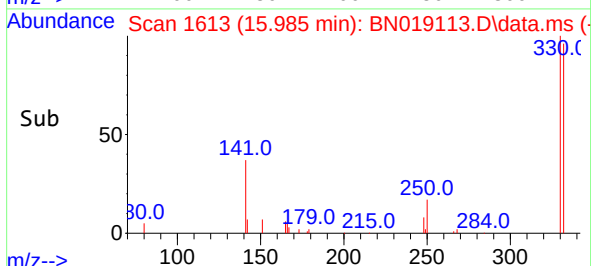
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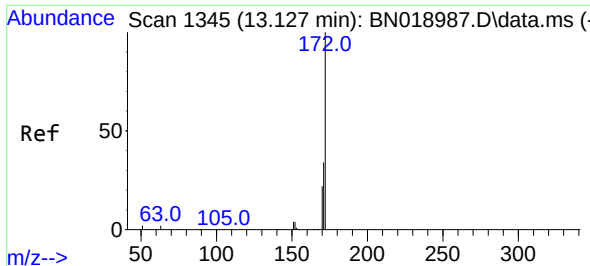


#14
2,4,6-Tribromophenol
Concen: 0.196 ng
RT: 15.985 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45



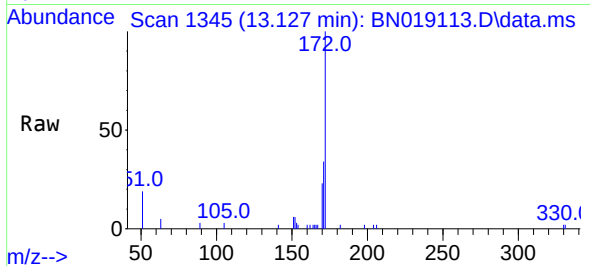
Tgt Ion:330 Resp: 577
Ion Ratio Lower Upper
330 100
332 99.5 76.8 115.2
141 39.0 32.2 48.2





#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 13.127 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

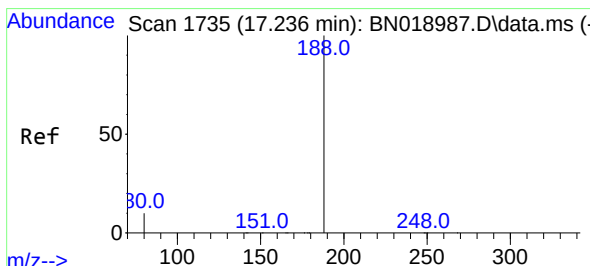
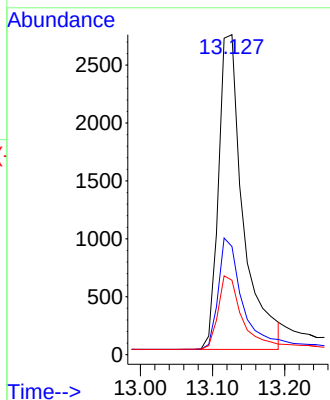
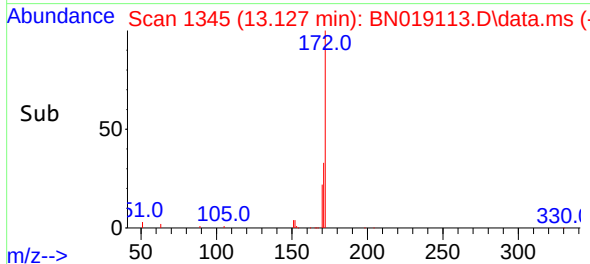
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Tgt Ion:172 Resp: 6449
Ion Ratio Lower Upper
172 100
171 33.8 28.2 42.2
170 23.3 18.7 28.1

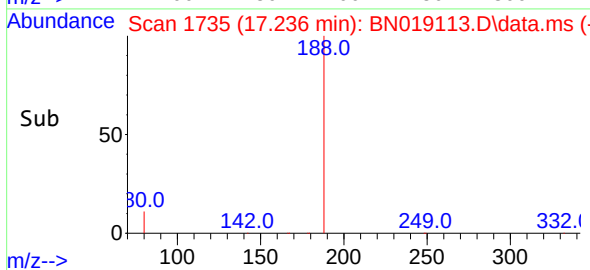
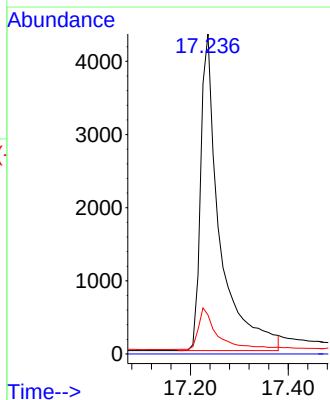
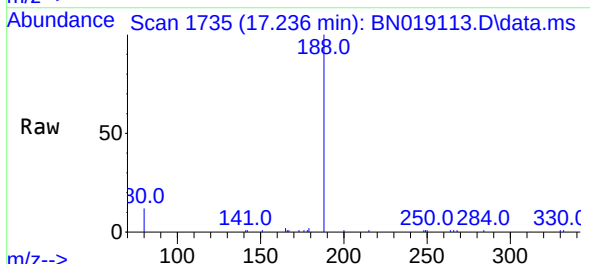
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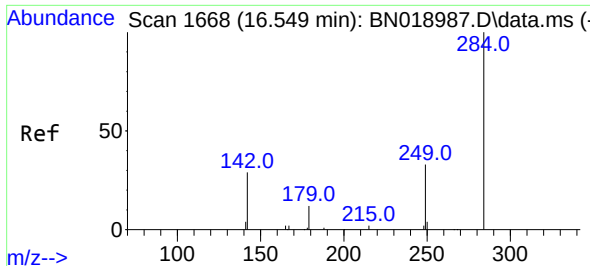
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

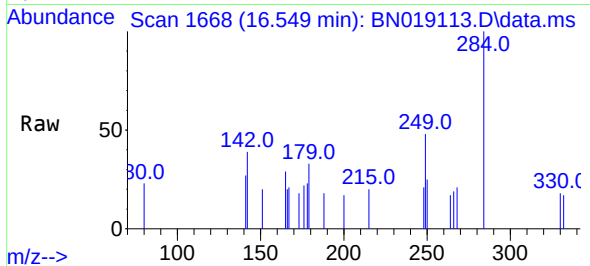
Tgt Ion:188 Resp: 11721
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 11.8 17.8





#22
Hexachlorobenzene
Concen: 0.037 ng
RT: 16.549 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

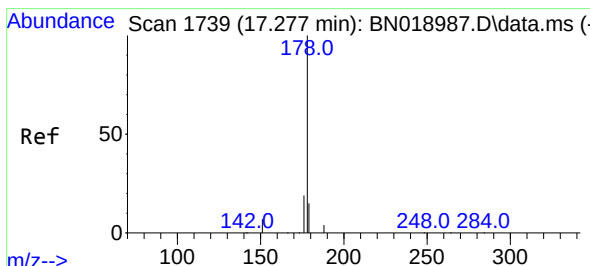
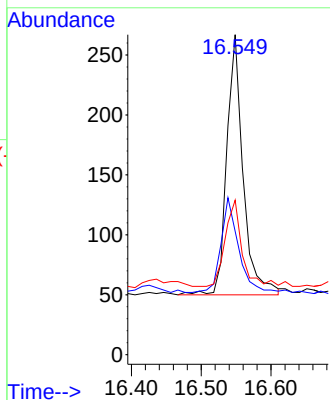
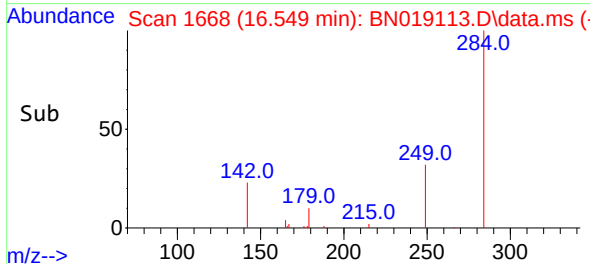
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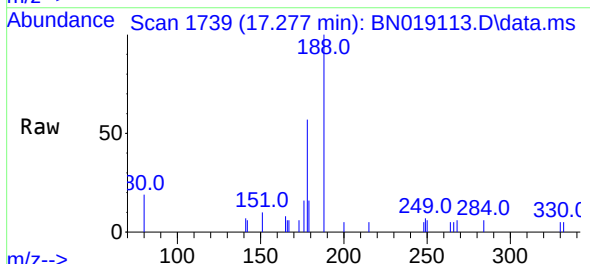
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Ion Ratio Lower Upper
284 100
142 38.8 29.8 44.8
249 34.0 26.2 39.2

Manual Integrations
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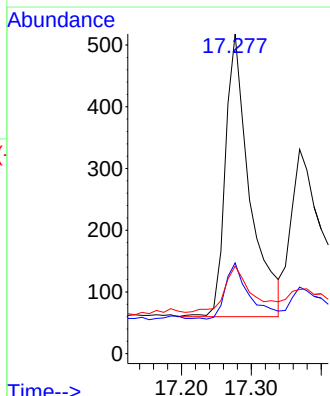
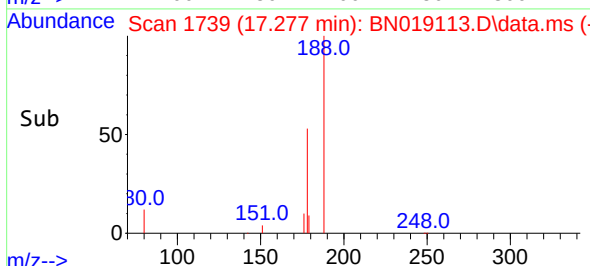
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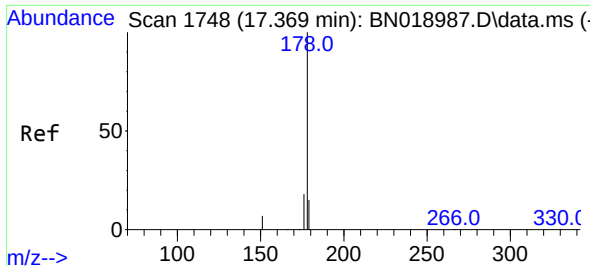


#25
Phenanthrene
Concen: 0.030 ng
RT: 17.277 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45



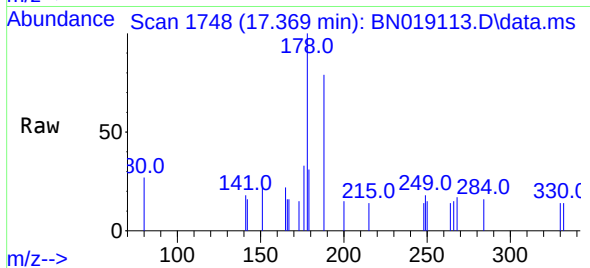
Tgt Ion:178 Resp: 1104
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 18.3 12.2 18.2#





#26
 Anthracene
 Concen: 0.022 ng
 RT: 17.369 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN019113.D
 Acq: 24 Mar 2022 05:45

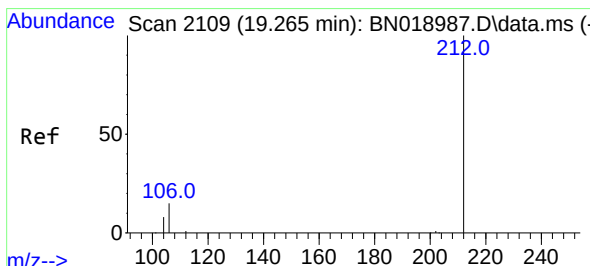
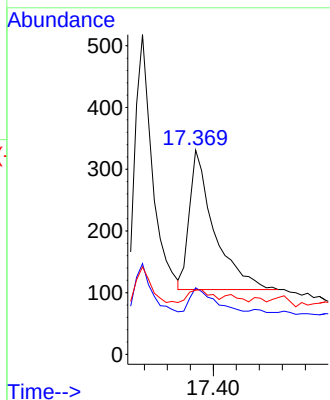
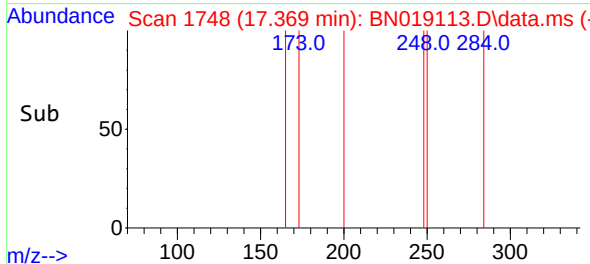
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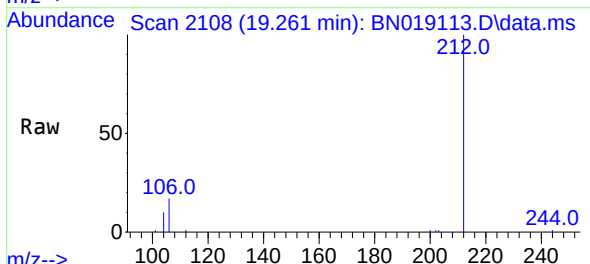
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 Ion Ratio Lower Upper
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 176 16.2 14.8 22.2
 179 8.4 12.2 18.4

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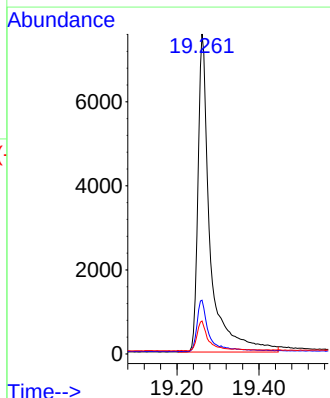
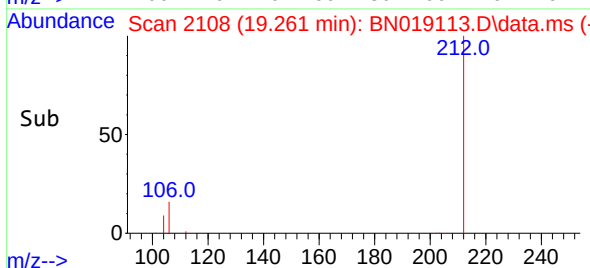
Reviewed By :Christian Giraldo 03/24/2022
 Supervised By :Jagrut Upadhyay 03/24/2022

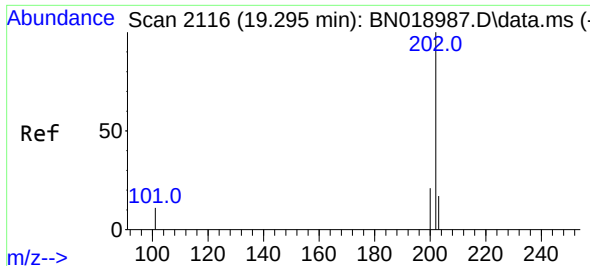


#27
 Fluoranthene-d10
 Concen: 0.448 ng
 RT: 19.261 min Scan# 2108
 Delta R.T. -0.004 min
 Lab File: BN019113.D
 Acq: 24 Mar 2022 05:45



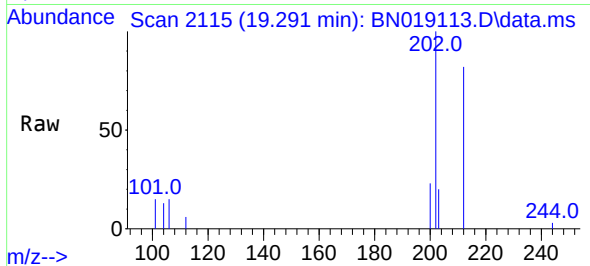
Tgt Ion:212 Resp: 15568
 Ion Ratio Lower Upper
 212 100
 106 15.7 12.7 19.1
 104 8.5 7.1 10.7





#28
Fluoranthene
Concen: 0.073 ng
RT: 19.291 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

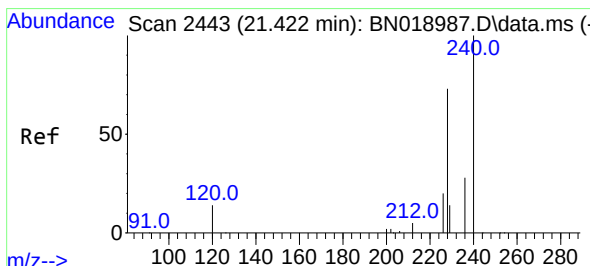
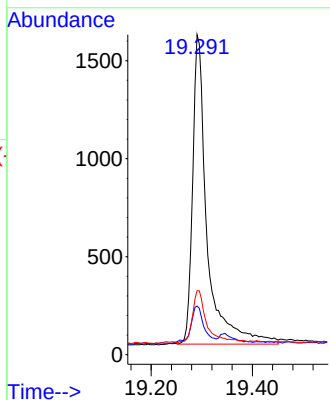
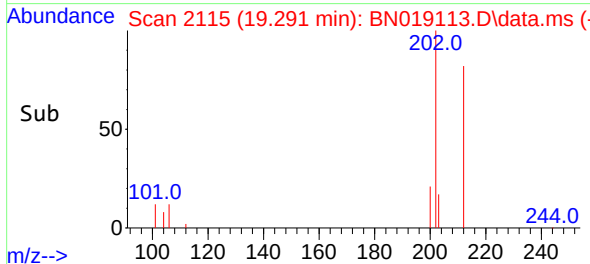
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20220320



Tgt Ion:202 Resp: 3139
Ion Ratio Lower Upper
202 100
101 11.0 9.8 14.6
203 16.3 13.7 20.5

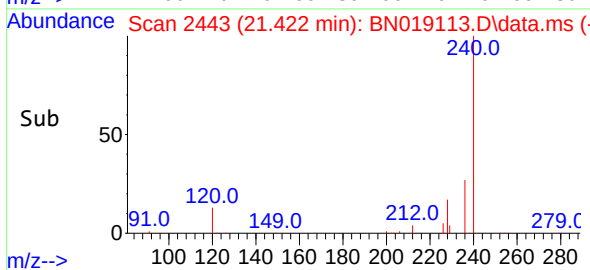
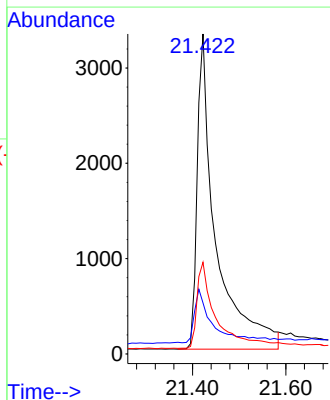
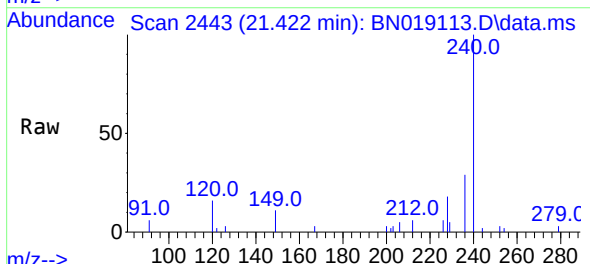
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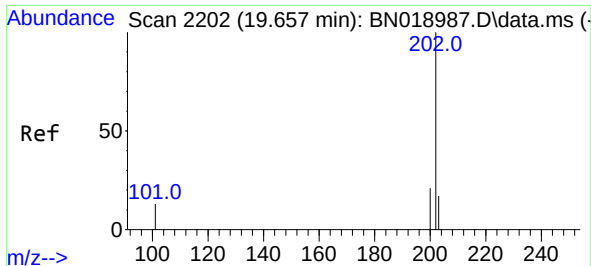
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

Tgt Ion:240 Resp: 9201
Ion Ratio Lower Upper
240 100
120 16.0 8.5 12.7#
236 28.6 22.4 33.6





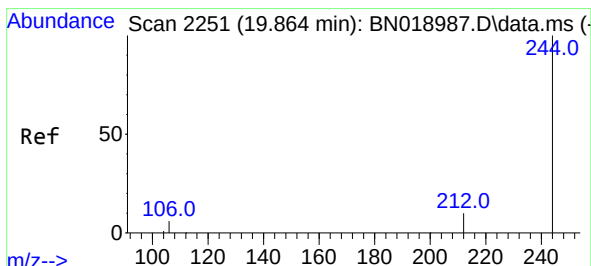
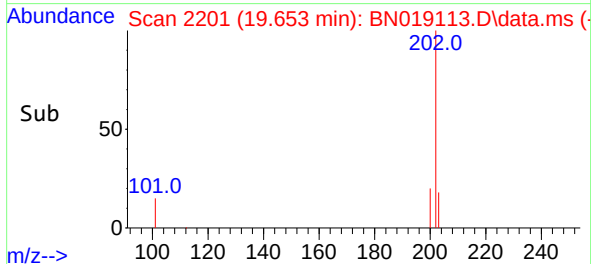
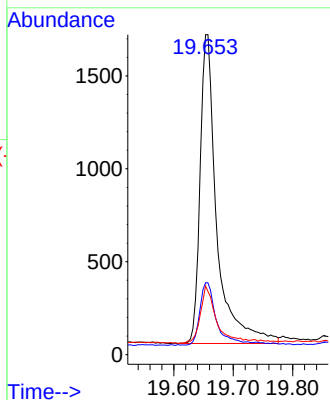
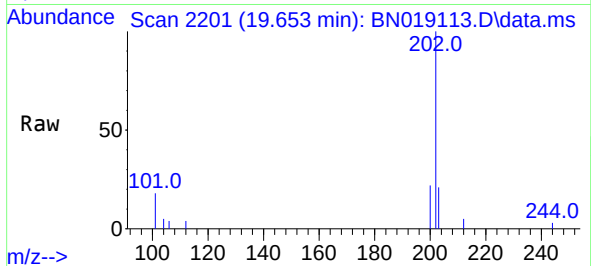
#30
Pyrene
Concen: 0.071 ng
RT: 19.653 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20220320

Tgt Ion:202 Resp: 326
Ion Ratio Lower Upper
202 100
200 20.0 16.9 25.3
203 17.8 14.2 21.2

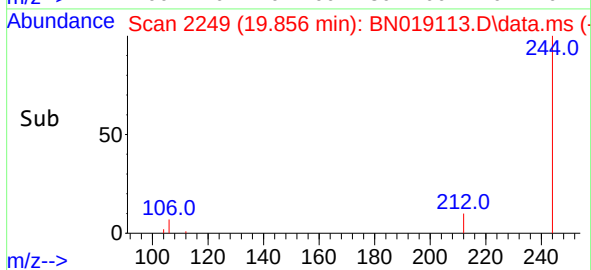
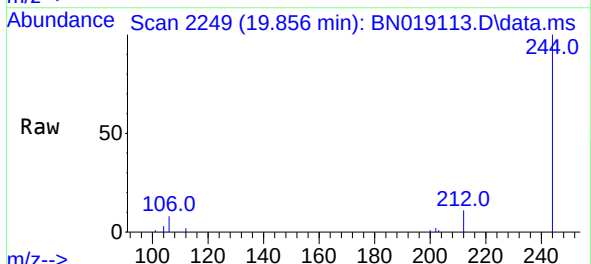
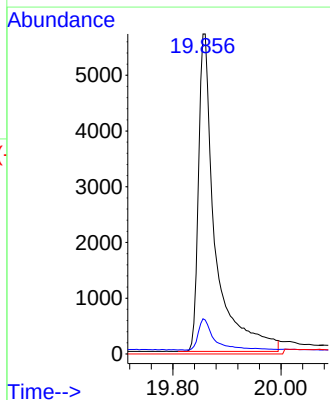
Manual Integrations
APPROVED

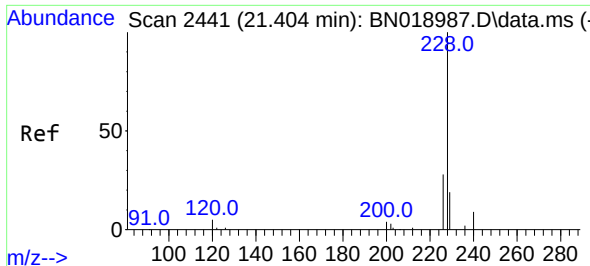
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#31
Terphenyl-d14
Concen: 0.543 ng
RT: 19.856 min Scan# 2249
Delta R.T. -0.008 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

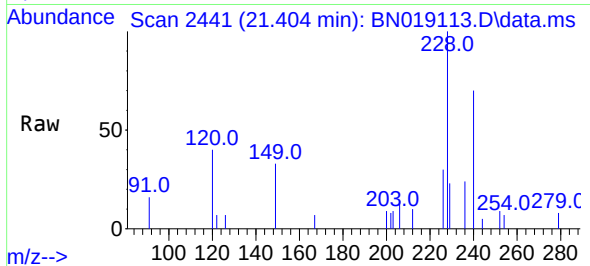
Tgt Ion:244 Resp: 12261
Ion Ratio Lower Upper
244 100
212 11.0 8.2 12.4
122 0.0 0.0 0.0





#32
Benzo(a)anthracene
Concen: 0.071 ng
RT: 21.404 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

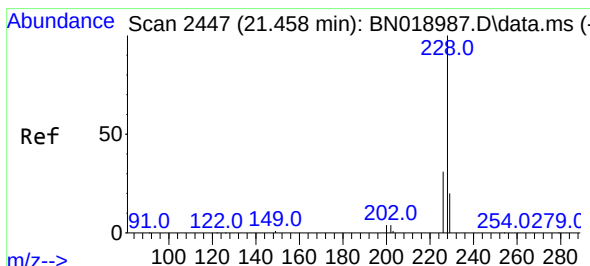
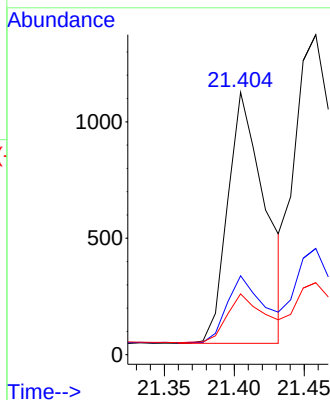
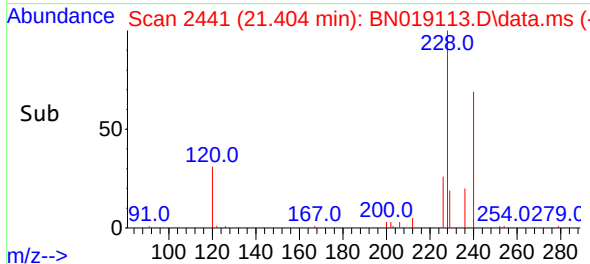
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20220320



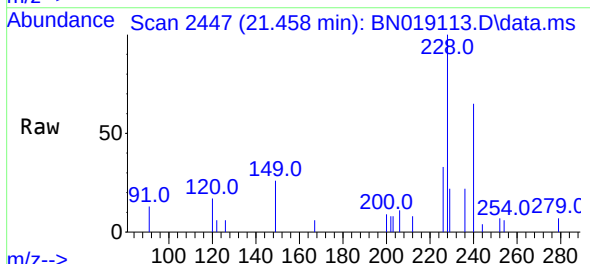
Tgt Ion:228 Resp: 2000
Ion Ratio Lower Upper
228 100
226 30.1 21.9 32.9
229 23.2 16.0 24.0

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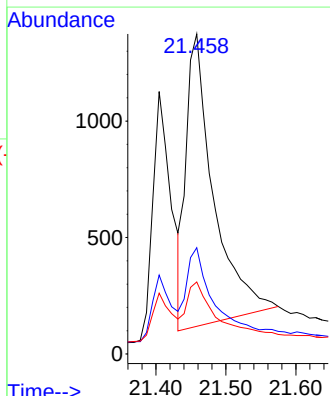
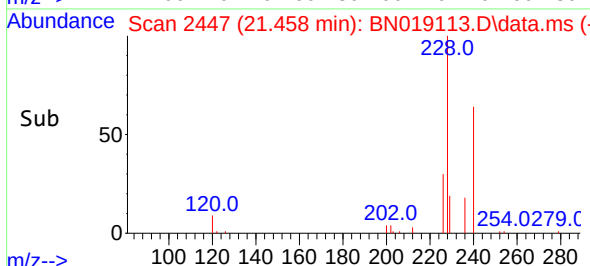
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

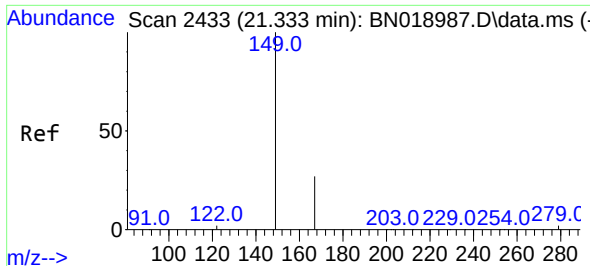


#33
Chrysene
Concen: 0.090 ng
RT: 21.458 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45



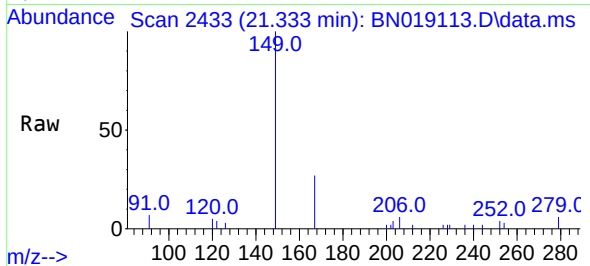
Tgt Ion:228 Resp: 3430
Ion Ratio Lower Upper
228 100
226 33.2 24.0 36.0
229 22.5 15.9 23.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.156 ng
RT: 21.333 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

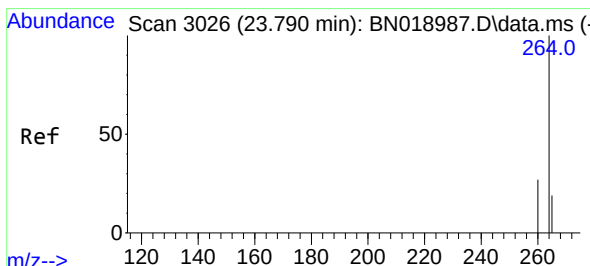
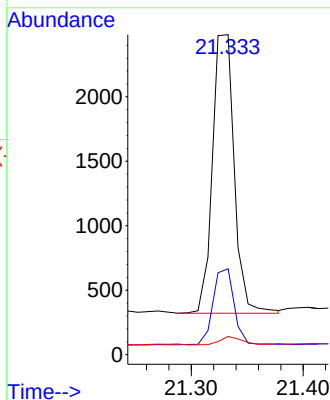
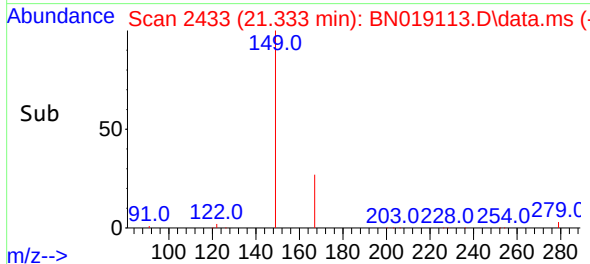
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20220320



Tgt Ion:149 Resp: 2920
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 3.1 2.0 3.0

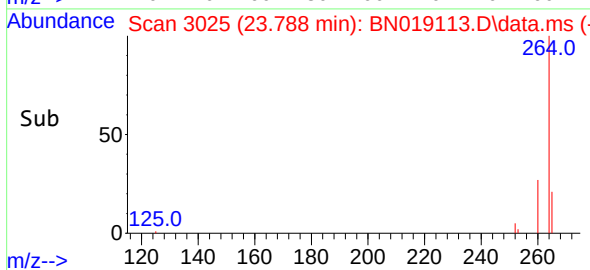
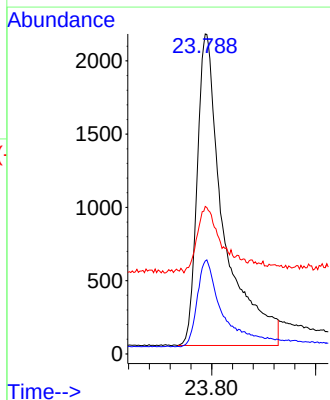
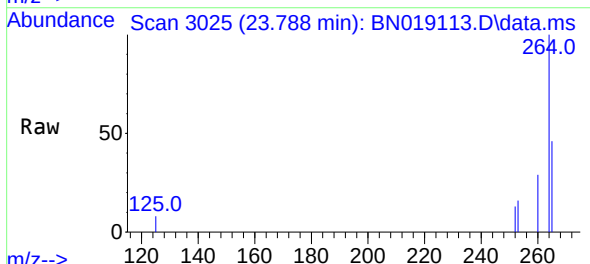
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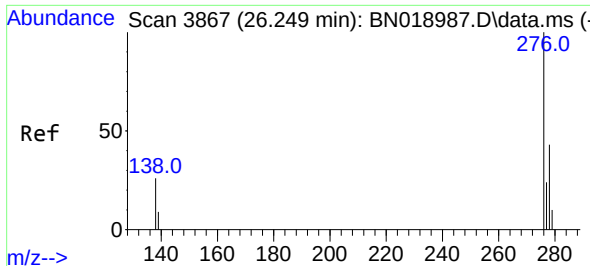
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.788 min Scan# 3025
Delta R.T. -0.003 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

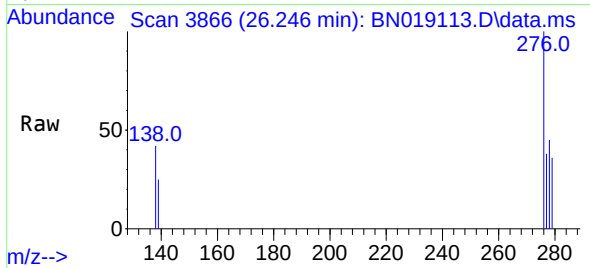
Tgt Ion:264 Resp: 7555
Ion Ratio Lower Upper
264 100
260 29.0 22.4 33.6
265 46.1 25.3 37.9





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng m
RT: 26.246 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

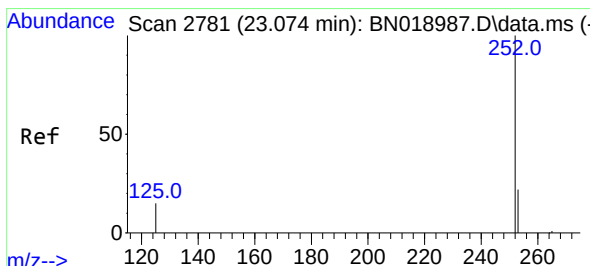
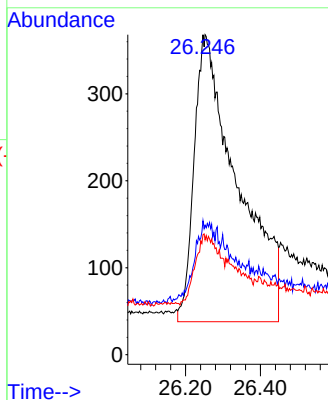
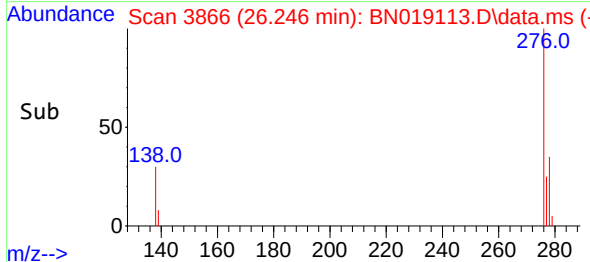
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20220320



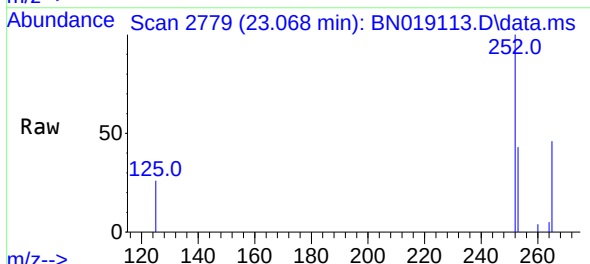
Tgt Ion:276 Resp: 265
Ion Ratio Lower Upper
276 100
138 7.6 24.5 36.7
277 13.7 19.8 29.8

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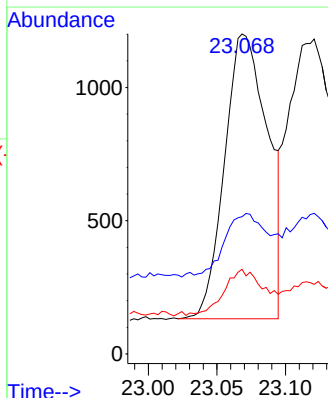
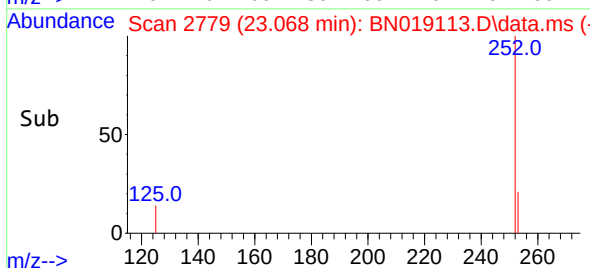
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

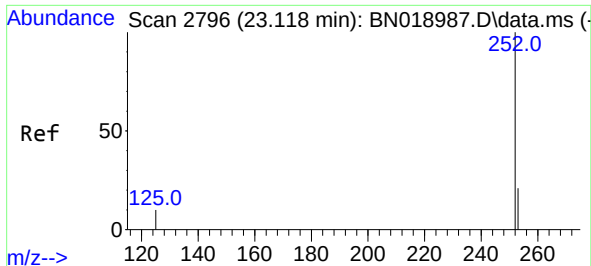


#37
Benzo(b)fluoranthene
Concen: 0.085 ng
RT: 23.068 min Scan# 2779
Delta R.T. -0.006 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45



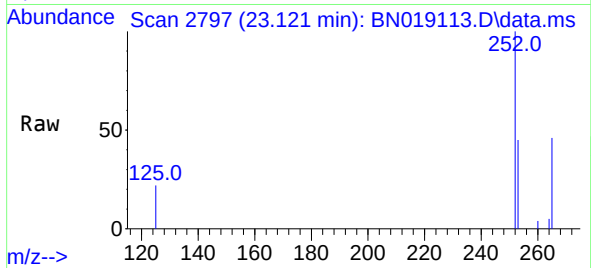
Tgt Ion:252 Resp: 2339
Ion Ratio Lower Upper
252 100
253 42.9 18.9 28.3#
125 26.5 12.1 18.1#





#38
Benzo(k)fluoranthene
Concen: 0.089 ng m
RT: 23.121 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

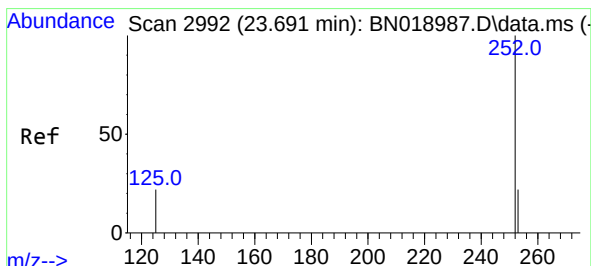
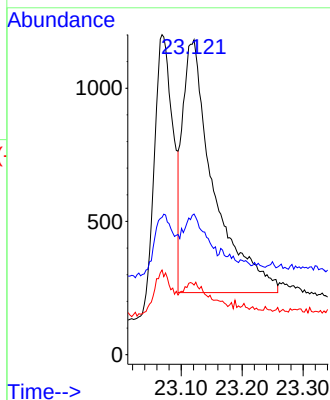
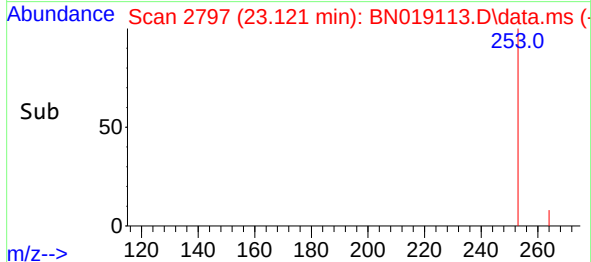
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20220320



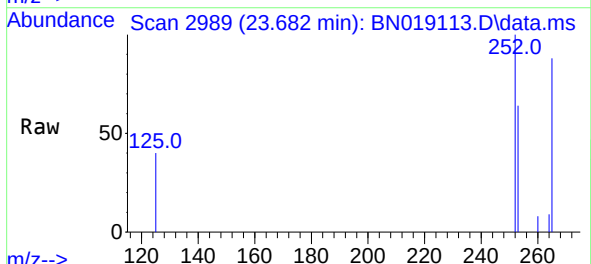
Tgt Ion:252 Resp: 3368
Ion Ratio Lower Upper
252 100
253 44.7 18.9 28.3#
125 22.1 10.3 15.5#

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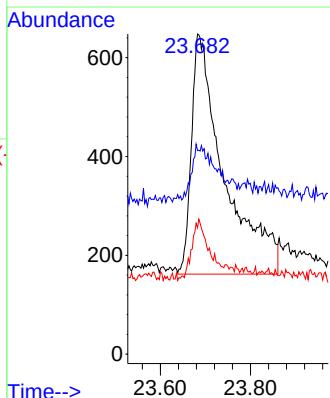
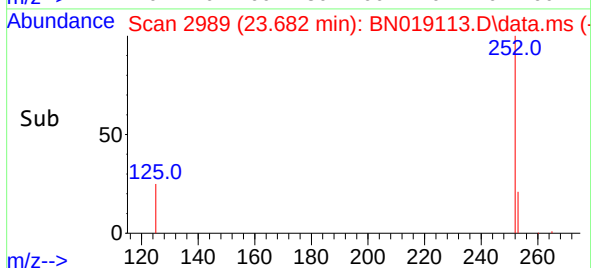
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

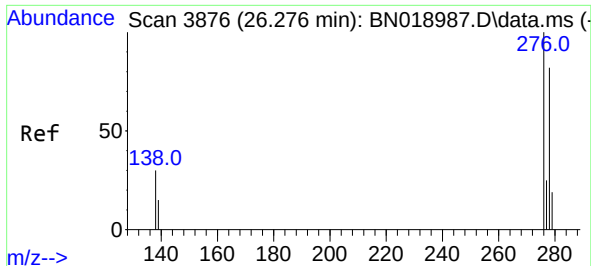


#39
Benzo(a)pyrene
Concen: 0.097 ng m
RT: 23.682 min Scan# 2989
Delta R.T. -0.009 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45



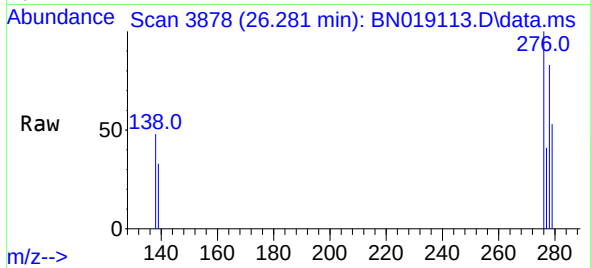
Tgt Ion:252 Resp: 2438
Ion Ratio Lower Upper
252 100
253 63.6 20.1 30.1#
125 39.5 15.2 22.8#





#40
Dibenzo(a,h)anthracene
Concen: 0.085 ng m
RT: 26.281 min Scan# 3876
Delta R.T. 0.006 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45

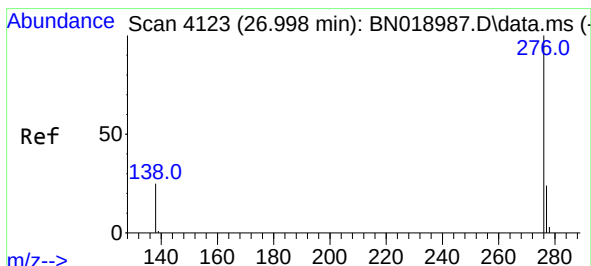
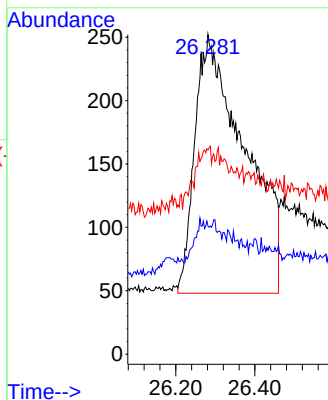
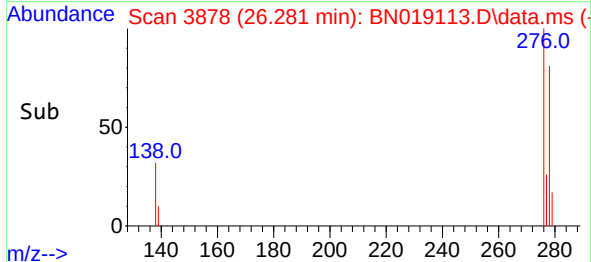
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20220320



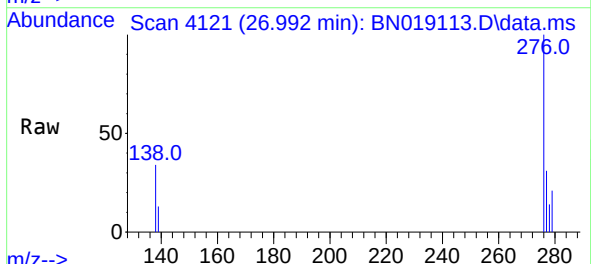
Tgt Ion:278 Resp: 1799
Ion Ratio Lower Upper
278 100
139 40.1 17.2 25.8#
279 63.9 19.9 29.9#

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



#41
Benzo(g,h,i)perylene
Concen: 0.097 ng
RT: 26.992 min Scan# 4121
Delta R.T. -0.006 min
Lab File: BN019113.D
Acq: 24 Mar 2022 05:45



Tgt Ion:276 Resp: 2595
Ion Ratio Lower Upper
276 100
277 30.9 19.4 29.0#
138 33.8 21.0 31.6#

