

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050322\
 Data File : BN019652.D
 Acq On : 03 May 2022 17:14
 Operator : CG/JU
 Sample : N2640-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MWBR3D-B-480-500-042922-FD

Quant Time: May 04 07:33:39 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	3895	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10718	0.400	ng	#-0.01
13) Acenaphthene-d10	14.485	164	5684	0.400	ng	-0.01
19) Phenanthrene-d10	17.226	188	11064	0.400	ng	0.00
29) Chrysene-d12	21.413	240	10120	0.400	ng	# 0.00
35) Perylene-d12	23.758	264	8403	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	860	0.089	ng	0.00
5) Phenol-d6	7.031	99	619	0.054	ng	0.00
8) Nitrobenzene-d5	9.014	82	1855m	0.243	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	4174	0.251	ng	-0.01
14) 2,4,6-Tribromophenol	15.974	330	314	0.173	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	5537	0.228	ng	-0.01
27) Fluoranthene-d10	19.253	212	8075	0.256	ng	0.00
31) Terphenyl-d14	19.856	244	4529	0.204	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	43051m	9.456	ng	
9) Naphthalene	10.712	128	858	0.028	ng	# 75
12) 2-Methylnaphthalene	12.322	142	451	0.023	ng	# 52
28) Fluoranthene	19.287	202	1444	0.036	ng	# 94
30) Pyrene	19.649	202	1034	0.025	ng	# 95
33) Chrysene	21.449	228	998	0.025	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.333	149	16881	1.011	ng	# 99
37) Benzo(b)fluoranthene	23.051	252	948	0.028	ng	# 10

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

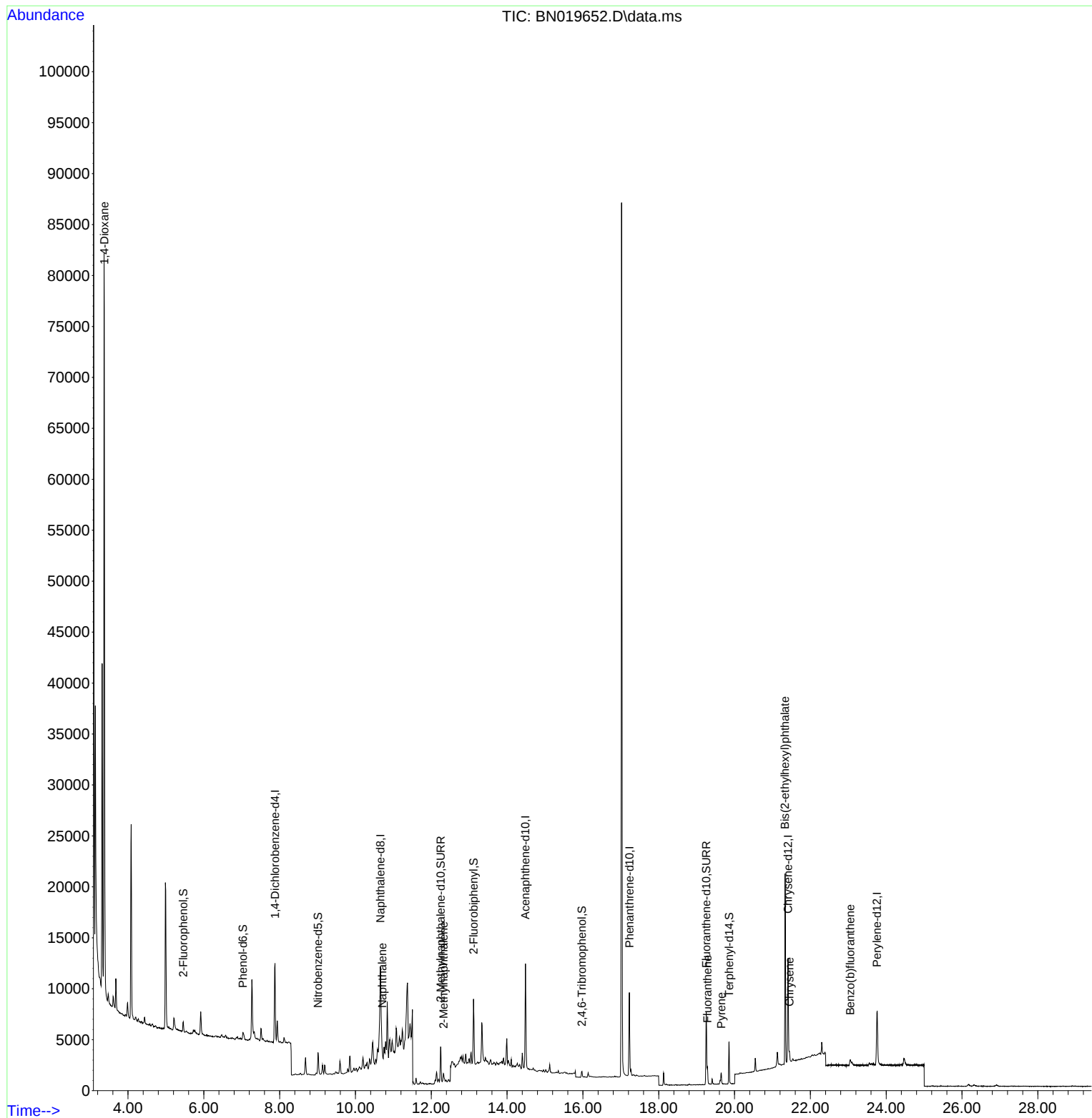
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050322\
Data File : BN019652.D
Acq On : 03 May 2022 17:14
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ALS Vial : 12 Sample Multiplier: 1

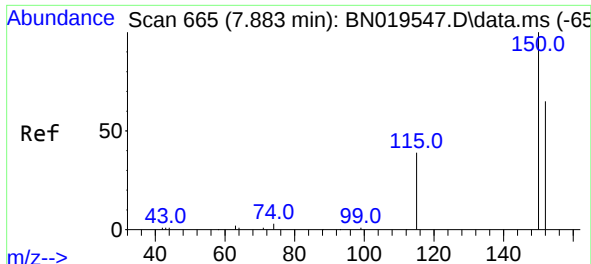
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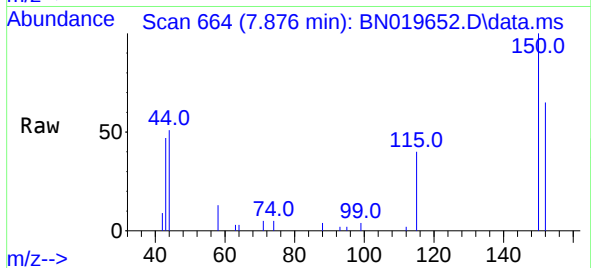
Quant Time: May 04 07:33:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 02:56:24 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.876 min Scan# 60
Delta R.T. -0.007 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

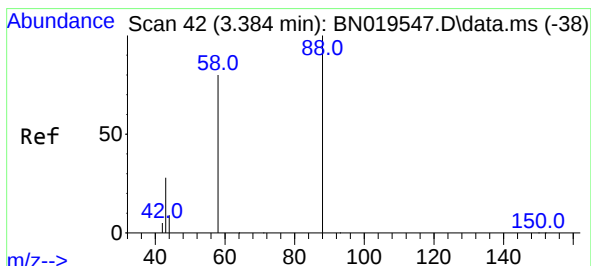
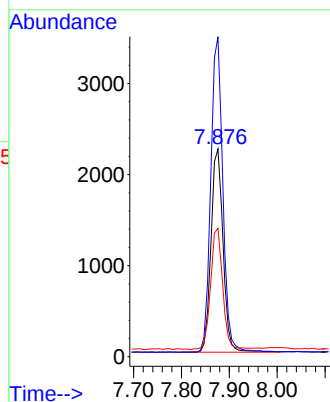
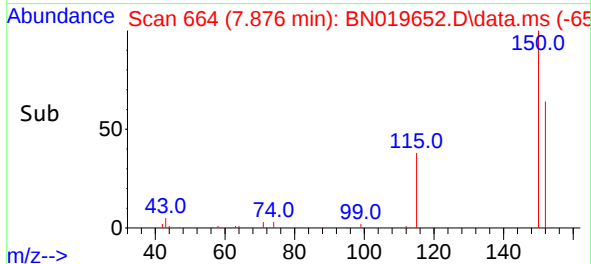
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922-FD



Tgt Ion: 152 Resp: 389
Ion Ratio Lower Upper
152 100
150 154.1 122.6 183.8
115 61.8 49.0 73.6

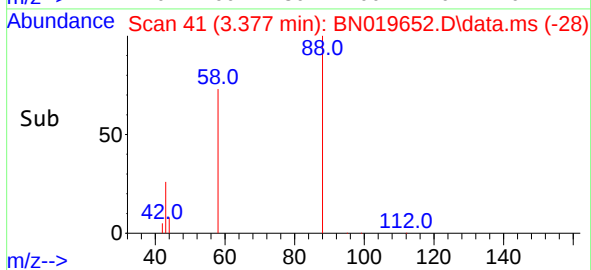
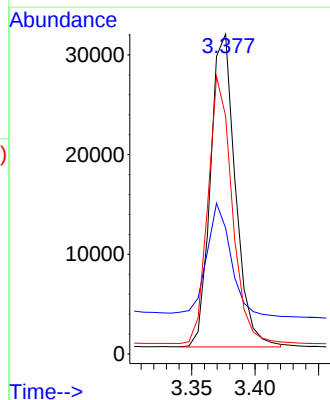
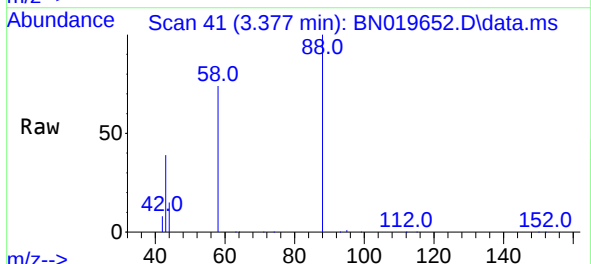
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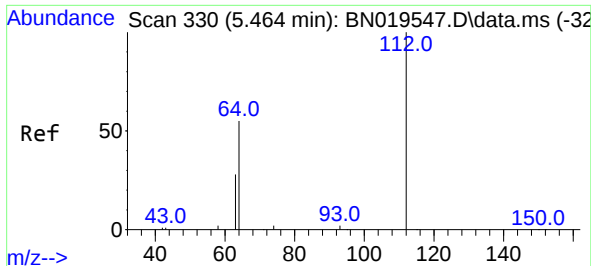
Reviewed By : Christian Giraldo 05/04/2022
Supervised By : Jagrut Upadhyay 05/05/2022



#2
1,4-Dioxane
Concen: 9.456 ng m
RT: 3.377 min Scan# 41
Delta R.T. -0.007 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

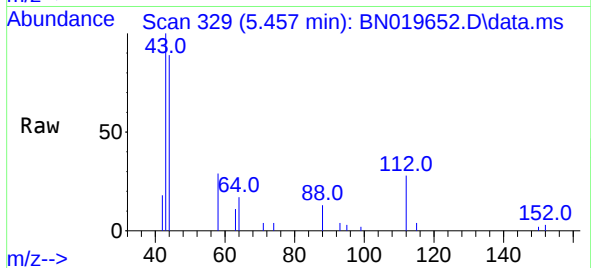
Tgt Ion: 88 Resp: 43051
Ion Ratio Lower Upper
88 100
43 35.7 25.2 37.8
58 82.3 67.6 101.4





#4
2-Fluorophenol
Concen: 0.089 ng
RT: 5.457 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

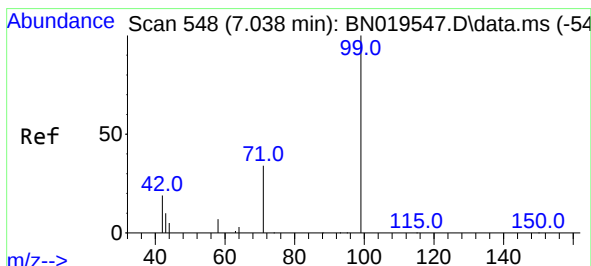
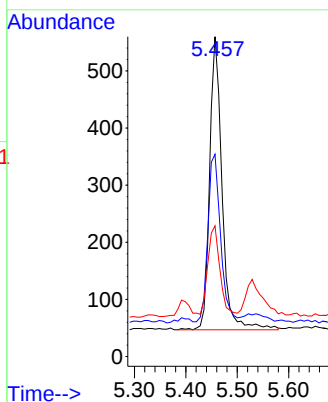
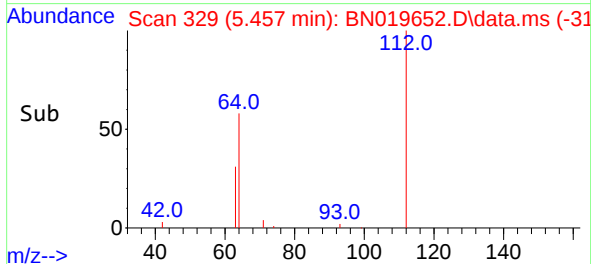
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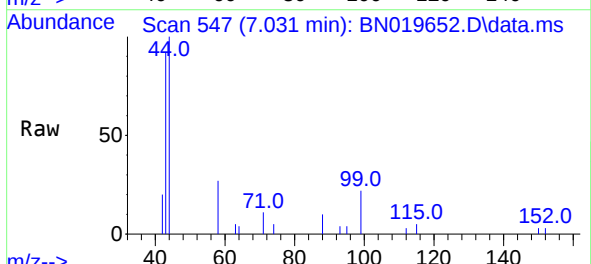
Tgt Ion: 112 Resp: 860
Ion Ratio Lower Upper
112 100
64 58.1 47.3 70.9
63 29.1 24.6 36.8

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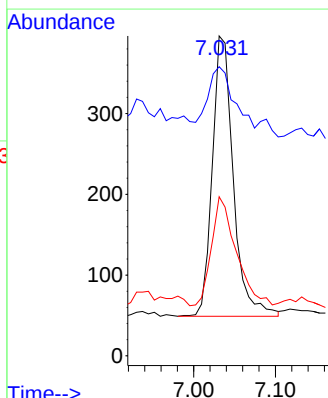
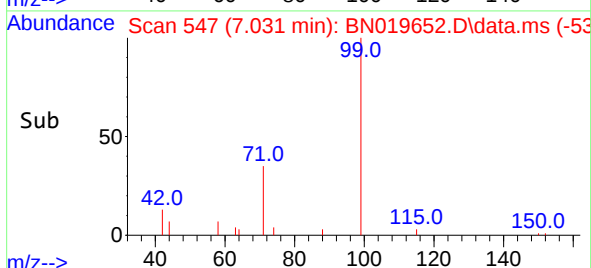
Reviewed By : Christian Giraldo 05/04/2022
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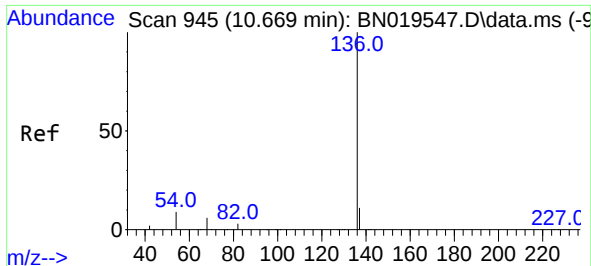


#5
Phenol-d6
Concen: 0.054 ng
RT: 7.031 min Scan# 547
Delta R.T. -0.007 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14



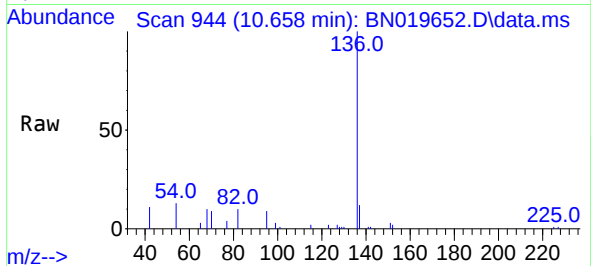
Tgt Ion: 99 Resp: 619
Ion Ratio Lower Upper
99 100
42 36.5 15.8 23.8#
71 45.7 26.5 39.7#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 945
Delta R.T. -0.010 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

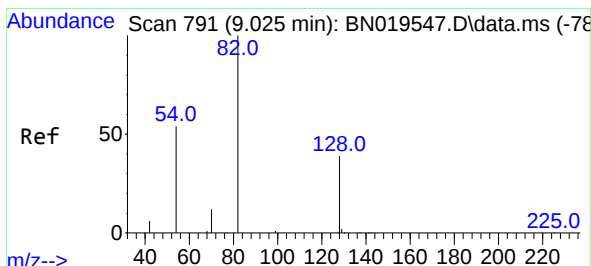
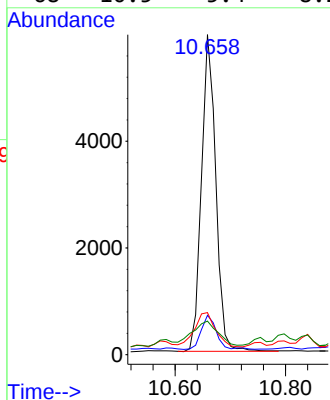
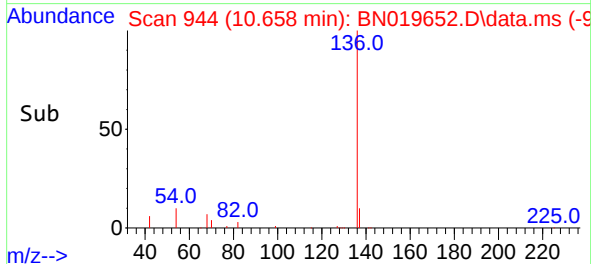
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922-FD



Tgt Ion:	136	Resp:	10718
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.1	13.7
54	13.2	7.8	11.6
68	10.5	5.4	8.2

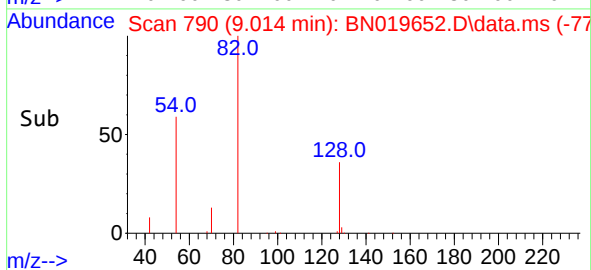
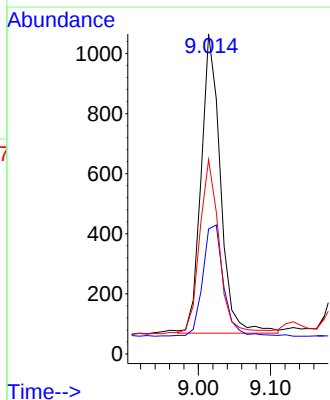
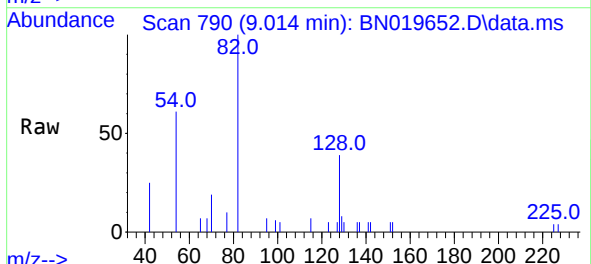
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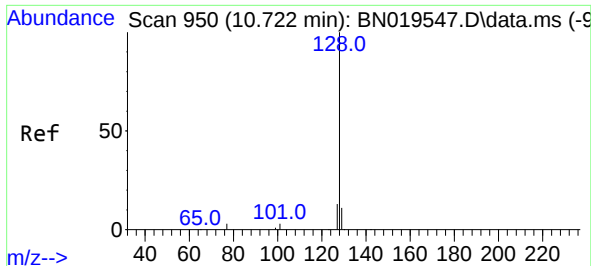
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#8
Nitrobenzene-d5
Concen: 0.243 ng m
RT: 9.014 min Scan# 790
Delta R.T. -0.010 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

Tgt Ion:	82	Resp:	1855
Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.4	48.6
54	60.8	44.4	66.6





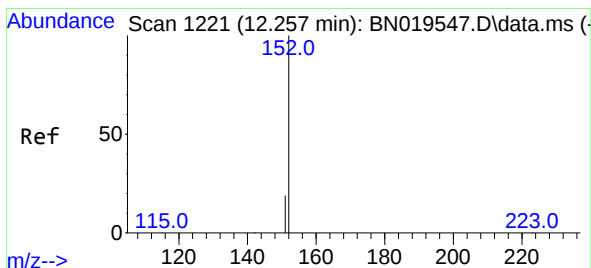
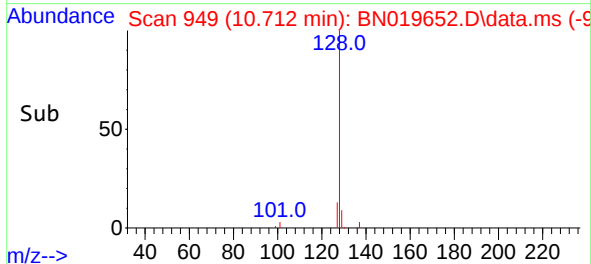
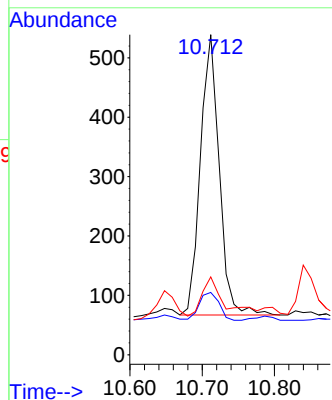
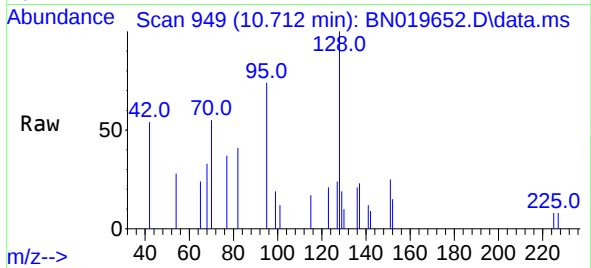
#9
Naphthalene
Concen: 0.028 ng
RT: 10.712 min Scan# 949
Delta R.T. -0.010 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922-FD

Tgt Ion:128 Resp: 858
Ion Ratio Lower Upper
128 100
129 19.5 9.0 13.4
127 24.3 10.8 16.2

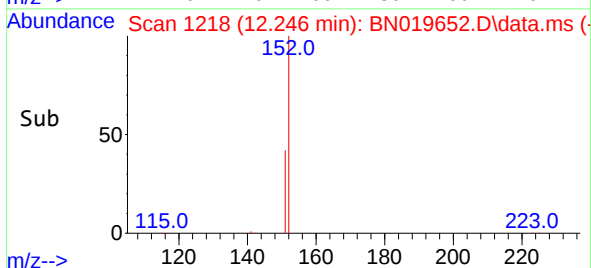
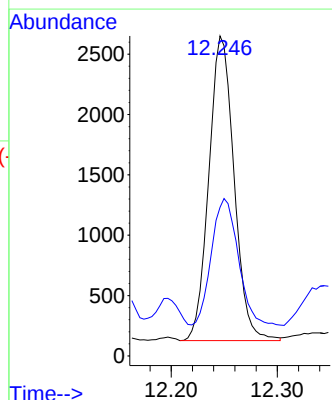
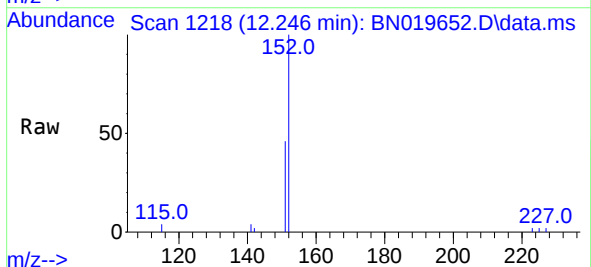
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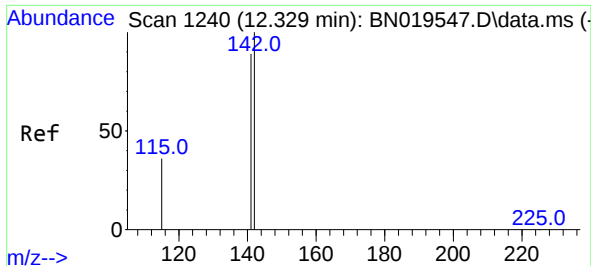
Reviewed By :Christian Giraldo 05/04/2022
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#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.246 min Scan# 1218
Delta R.T. -0.011 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

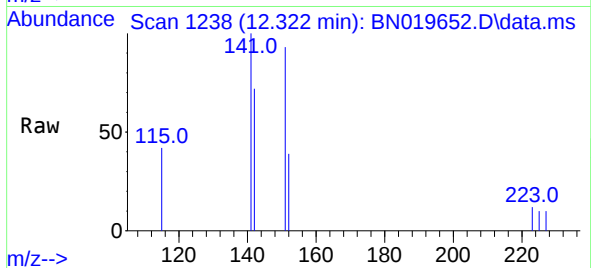
Tgt Ion:152 Resp: 4174
Ion Ratio Lower Upper
152 100
151 44.2 16.2 24.4





#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.322 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

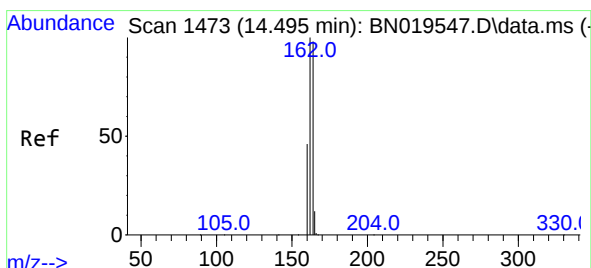
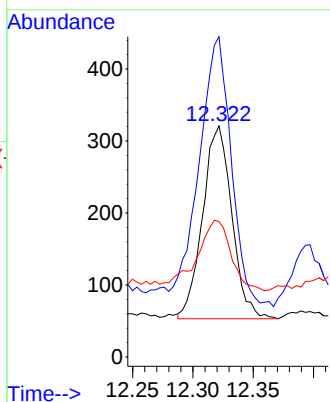
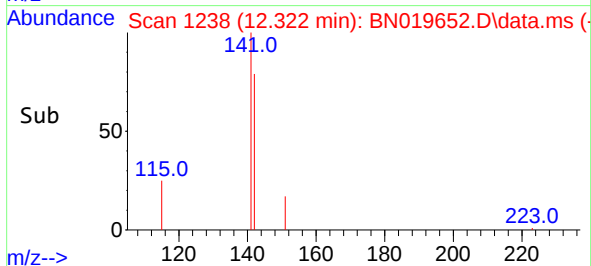
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922-FD



Tgt Ion:142 Resp: 45
Ion Ratio Lower Upper
142 100
141 138.6 71.0 106.6
115 58.6 29.6 44.4

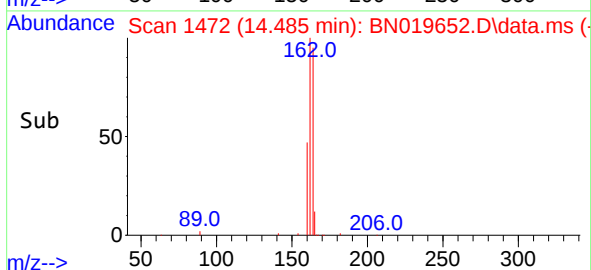
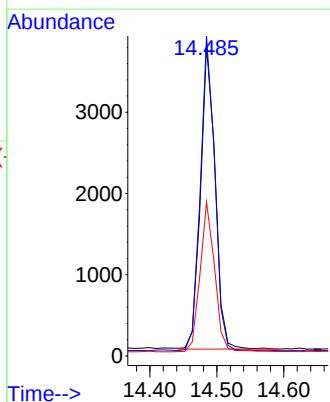
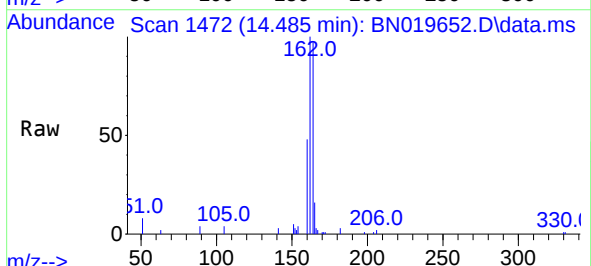
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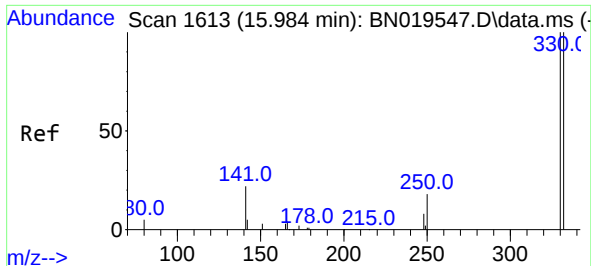
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. -0.010 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

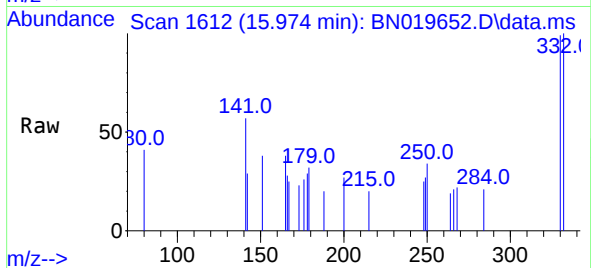
Tgt Ion:164 Resp: 5684
Ion Ratio Lower Upper
164 100
162 103.1 81.8 122.6
160 49.6 38.3 57.5





#14
2,4,6-Tribromophenol
Concen: 0.173 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.010 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

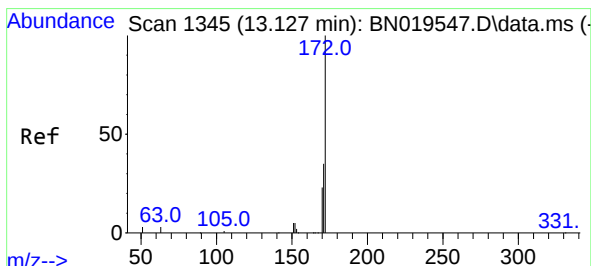
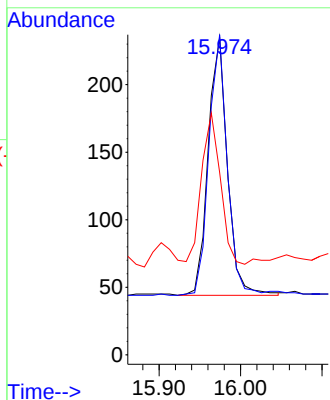
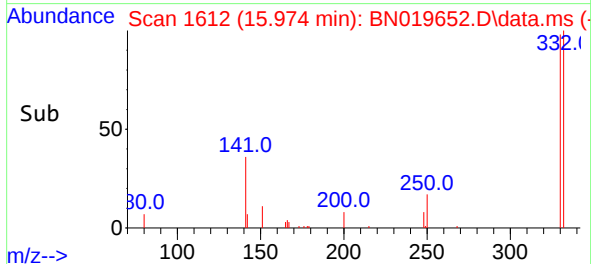
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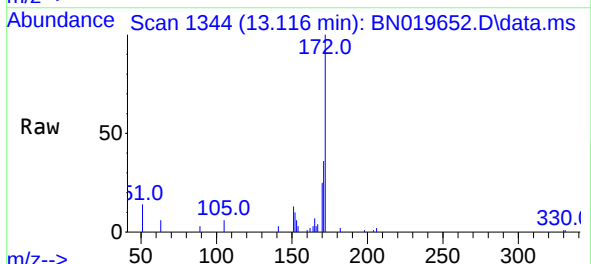
Tgt Ion: 330 Resp: 314
Ion Ratio Lower Upper
330 100
332 98.1 76.2 114.4
141 57.0 39.7 59.5

Manual Integrations
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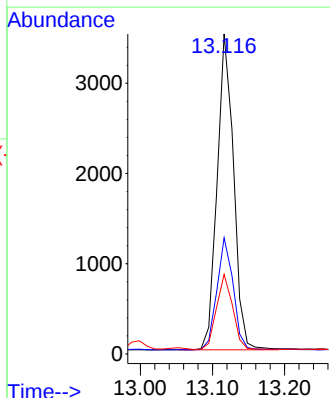
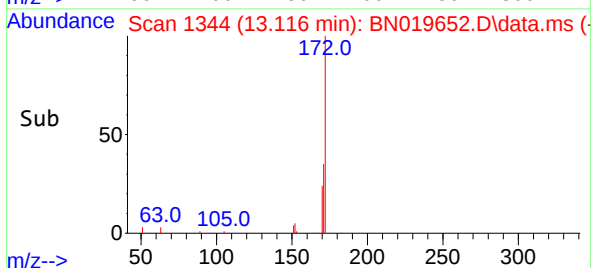
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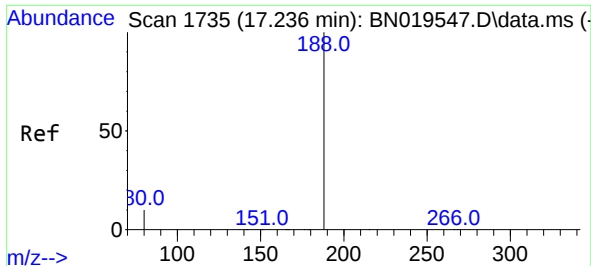


#15
2-Fluorobiphenyl
Concen: 0.228 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.010 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14



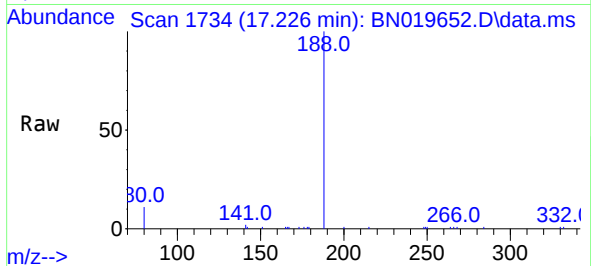
Tgt Ion: 172 Resp: 5537
Ion Ratio Lower Upper
172 100
171 36.3 28.0 42.0
170 24.9 19.0 28.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1106
Delta R.T. -0.010 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

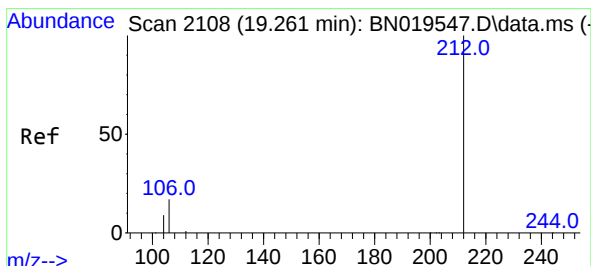
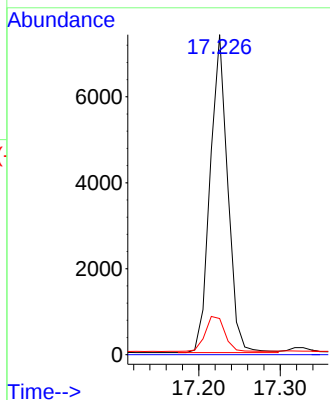
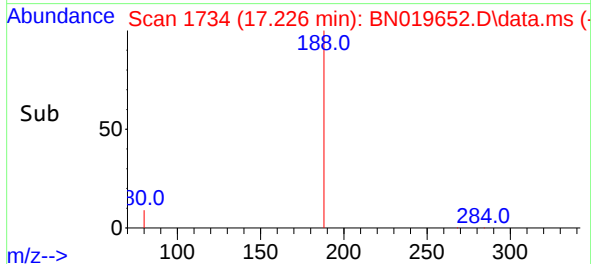
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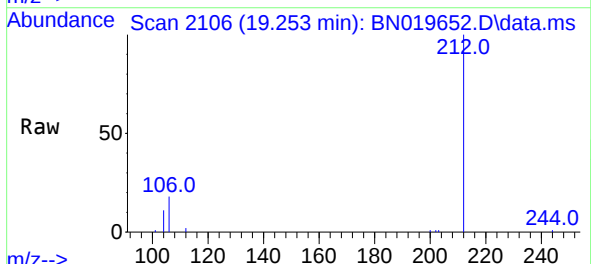
Tgt Ion:188 Resp: 11064
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 11.3 8.6 12.8

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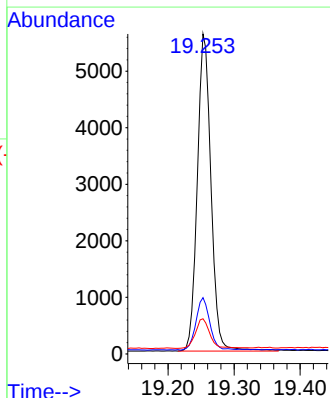
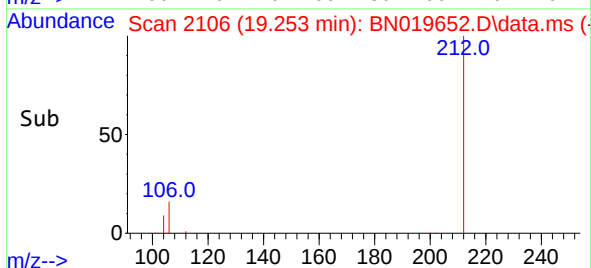
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022

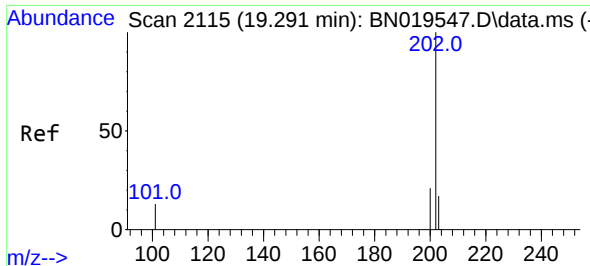


#27
Fluoranthene-d10
Concen: 0.256 ng
RT: 19.253 min Scan# 2106
Delta R.T. -0.008 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14



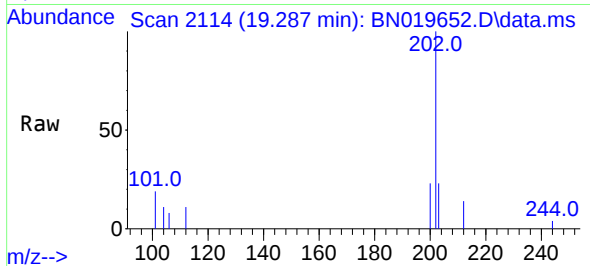
Tgt Ion:212 Resp: 8075
Ion Ratio Lower Upper
212 100
106 16.5 13.5 20.3
104 9.9 7.6 11.4





#28
Fluoranthene
Concen: 0.036 ng
RT: 19.287 min Scan# 2114
Delta R.T. -0.004 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

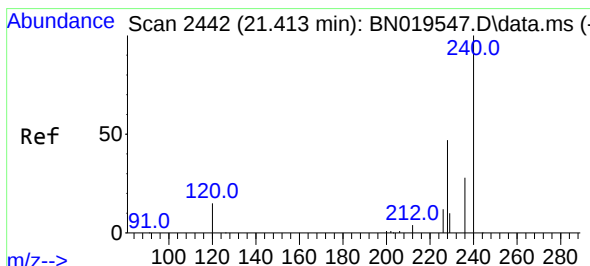
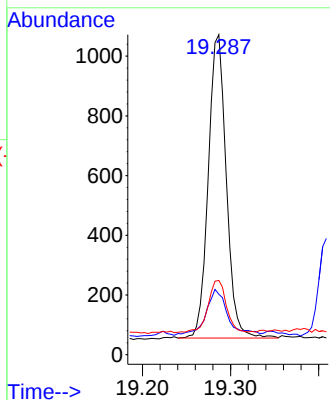
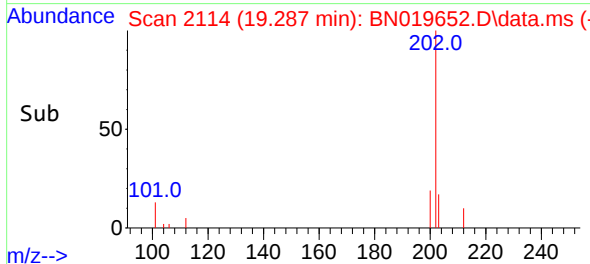
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922-FD



Tgt Ion:202 Resp: 144
Ion Ratio Lower Upper
202 100
101 18.4 10.6 15.8
203 17.5 13.6 20.4

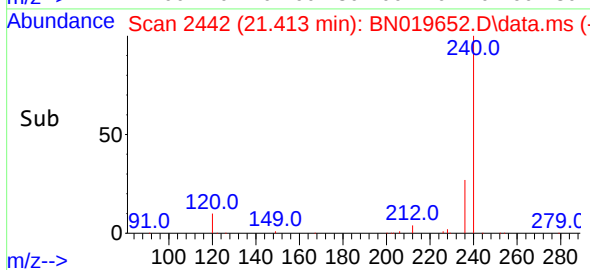
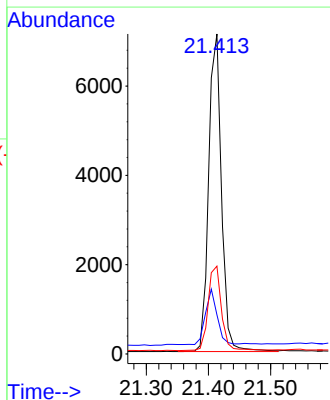
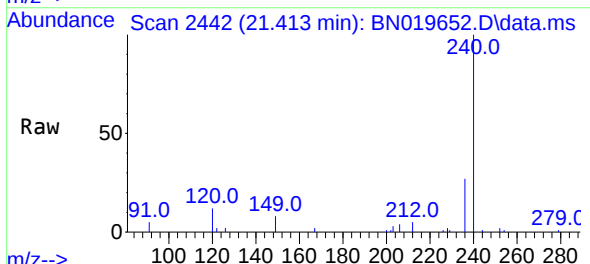
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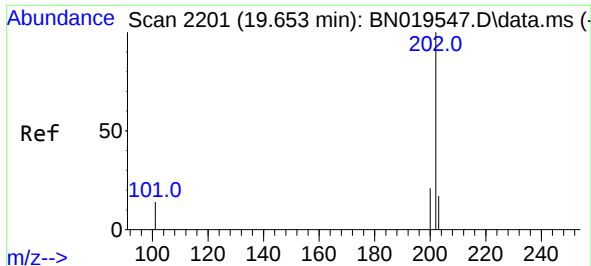
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

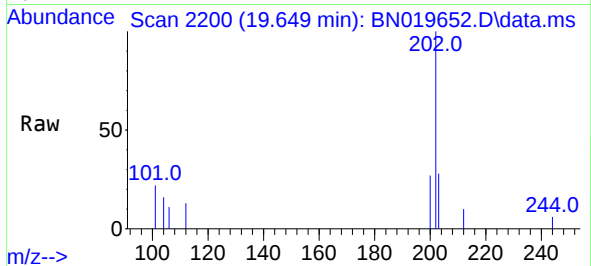
Tgt Ion:240 Resp: 10120
Ion Ratio Lower Upper
240 100
120 12.3 17.4 26.2
236 27.5 23.0 34.4





#30
Pyrene
Concen: 0.025 ng
RT: 19.649 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

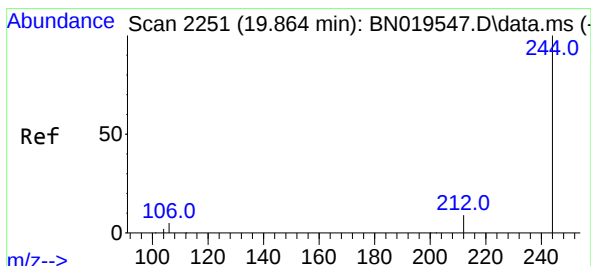
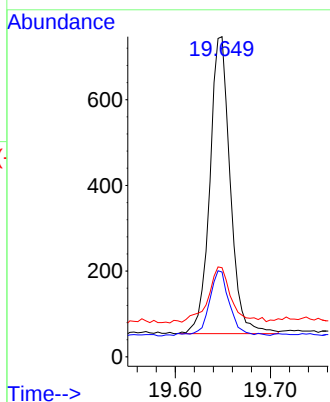
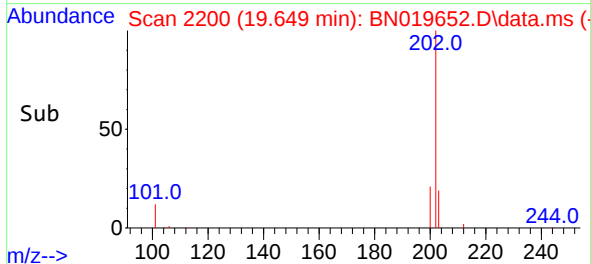
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922-FD



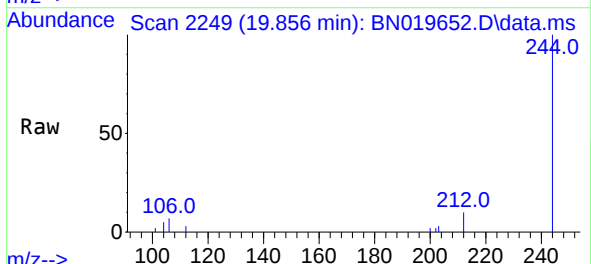
Tgt Ion:202 Resp: 1034
Ion Ratio Lower Upper
202 100
200 22.1 16.7 25.1
203 21.5 14.2 21.4

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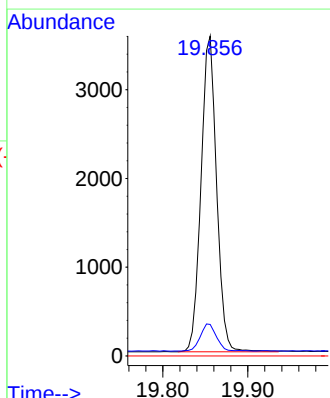
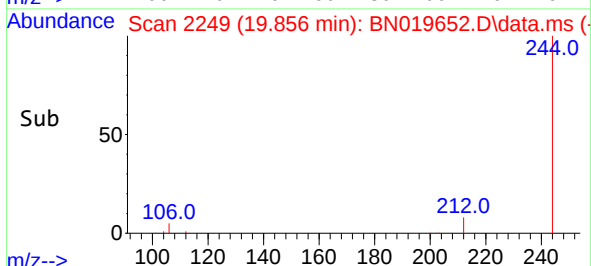
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022

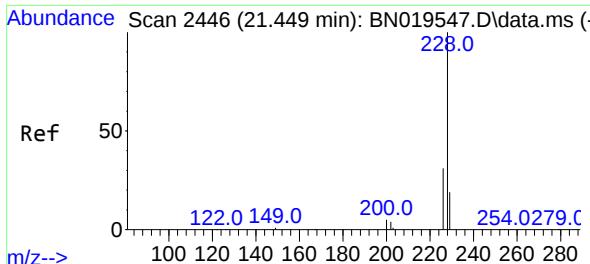


#31
Terphenyl-d14
Concen: 0.204 ng
RT: 19.856 min Scan# 2249
Delta R.T. -0.008 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14



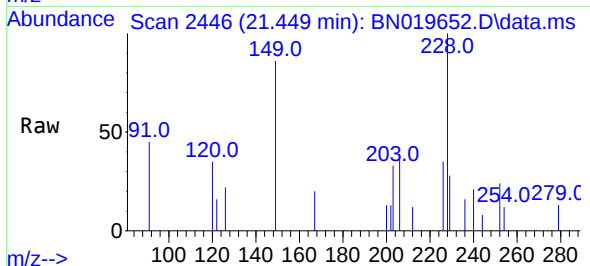
Tgt Ion:244 Resp: 4529
Ion Ratio Lower Upper
244 100
212 9.8 7.6 11.4
122 0.0 0.0 0.0





#33
Chrysene
Concen: 0.025 ng
RT: 21.449 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

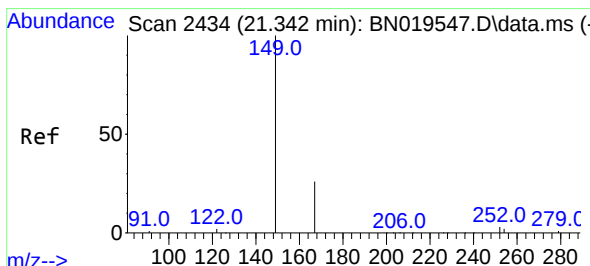
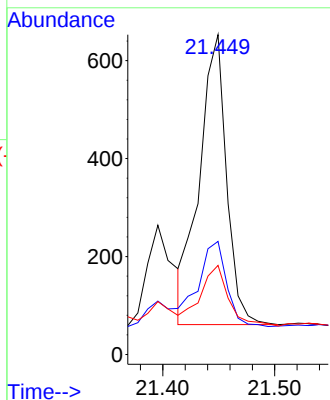
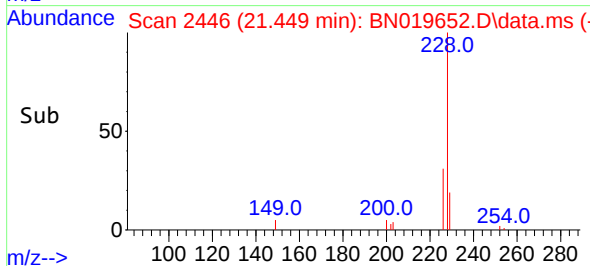
Instrument :
BNA_N
ClientSampleId :
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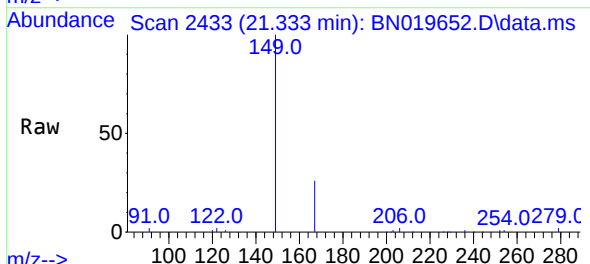
Tgt Ion: 228 Resp: 998
Ion Ratio Lower Upper
228 100
226 35.4 24.6 36.8
229 27.9 15.9 23.9

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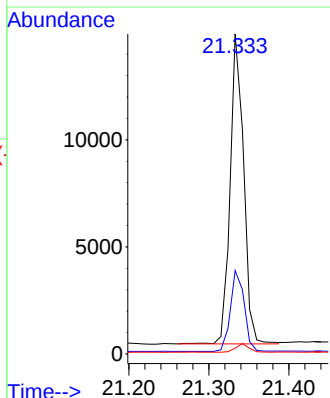
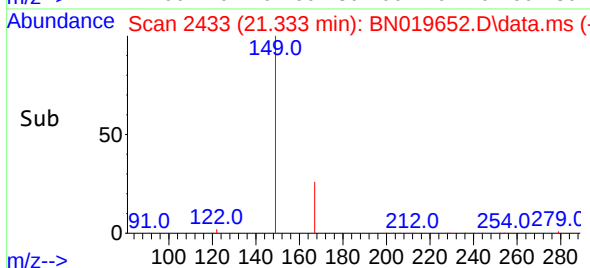
Reviewed By : Christian Giraldo 05/04/2022
Supervised By : Jagrut Upadhyay 05/05/2022

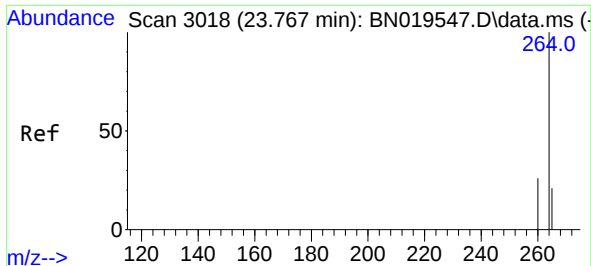


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.011 ng
RT: 21.333 min Scan# 2433
Delta R.T. -0.009 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14



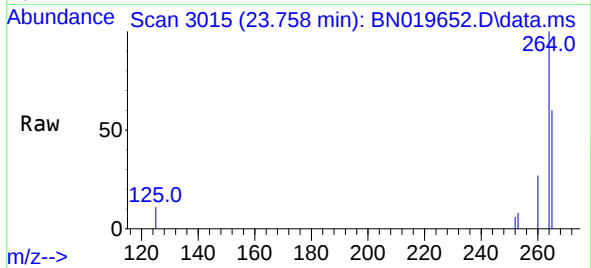
Tgt Ion: 149 Resp: 16881
Ion Ratio Lower Upper
149 100
167 26.5 21.7 32.5
279 2.7 2.8 4.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.758 min Scan# 3018
Delta R.T. -0.009 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

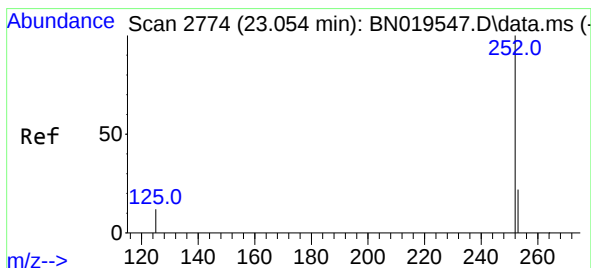
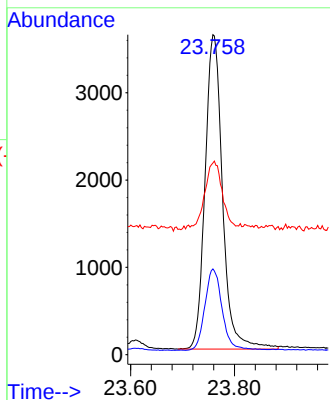
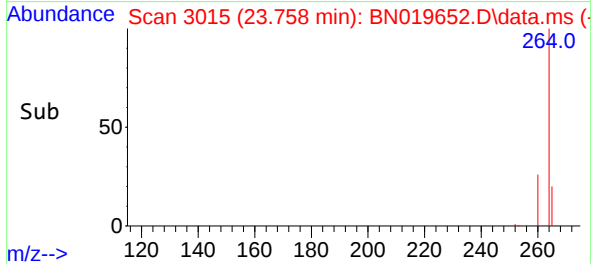
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922-FD



Tgt Ion:264 Resp: 840
Ion Ratio Lower Upper
264 100
260 26.8 21.0 31.6
265 59.9 67.9 101.9

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



#37
Benzo(b)fluoranthene
Concen: 0.028 ng
RT: 23.051 min Scan# 2773
Delta R.T. -0.003 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

Tgt Ion:252 Resp: 948
Ion Ratio Lower Upper
252 100
253 57.4 21.2 31.8#
125 79.1 15.9 23.9#

