

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019186.D
 Acq On : 26 Mar 2022 10:56
 Operator : CG/JU
 Sample : N2090-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-55

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/28/2022
 Supervised By : Jagrut Upadhyay 03/29/2022

Quant Time: Mar 28 09:11:38 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4205	0.40	ng	0.00
7) Naphthalene-d8	10.648	136	12585	0.40	ng	# 0.00
13) Acenaphthene-d10	14.485	164	7921	0.40	ng	0.00
19) Phenanthrene-d10	17.226	188	14940	0.40	ng	0.00
29) Chrysene-d12	21.413	240	12056	0.40	ng	# 0.00
35) Perylene-d12	23.779	264	10376	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1902	0.19	ng	0.00
5) Phenol-d6	7.009	99	1201	0.11	ng	0.00
8) Nitrobenzene-d5	8.993	82	2947	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	7946	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	1440	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	11756	0.35	ng	0.00
27) Fluoranthene-d10	19.257	212	19993	0.46	ng	0.00
31) Terphenyl-d14	19.851	244	12136	0.45	ng	0.00
Target Compounds						
9) Naphthalene	10.701	128	4786	0.14	ng	# 1
17) Acenaphthene	14.538	154	6233	0.24	ng	97
18) Fluorene	15.532	166	4032m	0.12	ng	
25) Phenanthrene	17.267	178	4194m	0.09	ng	
26) Anthracene	17.359	178	3824	0.10	ng	# 82
28) Fluoranthene	19.286	202	12469	0.23	ng	99
30) Pyrene	19.649	202	10997	0.19	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.324	149	3251	0.14	ng	# 100

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

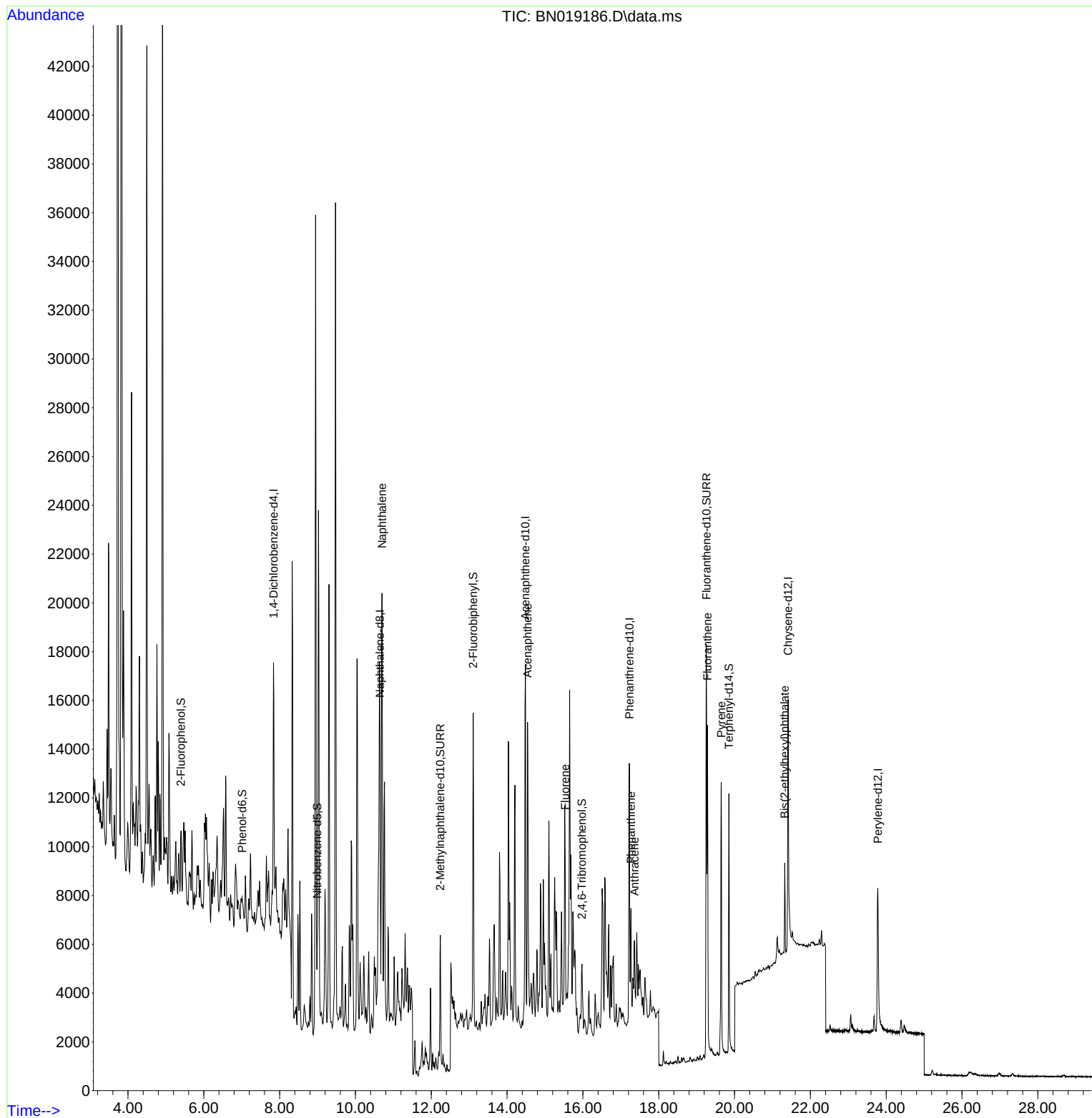
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
Data File : BN019186.D
Acq On : 26 Mar 2022 10:56
Operator : CG/JU
Sample : N2090-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

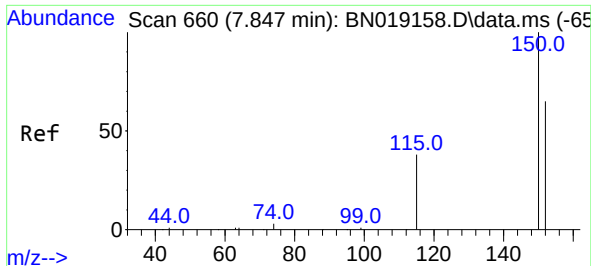
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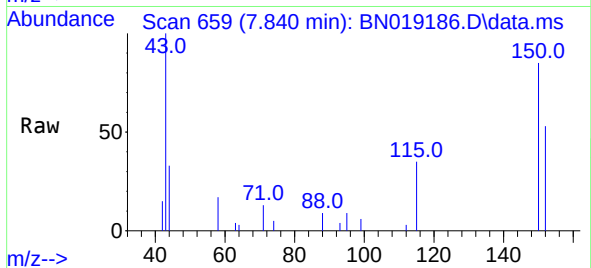
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.840 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

Instrument :

BNA_N

ClientSampleId :

MW-55

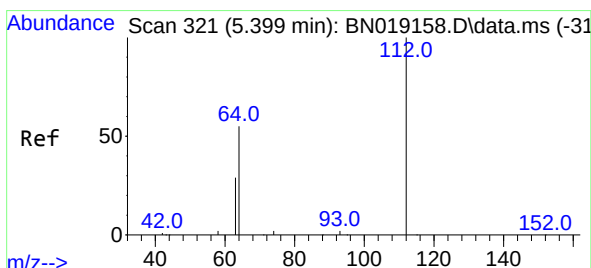
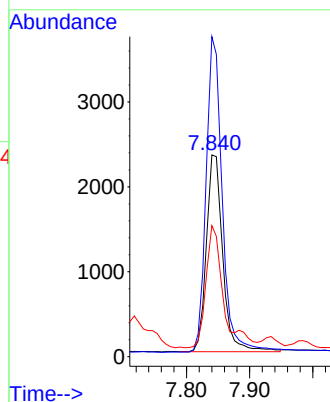


Tgt Ion:152 Resp: 420
Ion Ratio Lower Upper
152 100
150 158.6 123.9 185.9
115 65.0 48.2 72.4

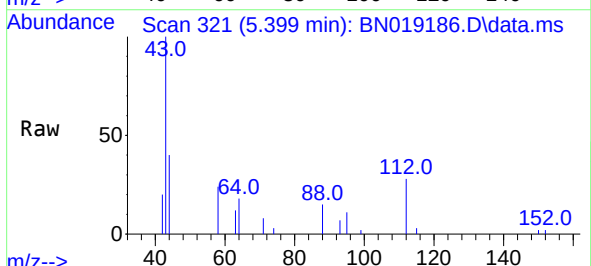
Manual Integrations

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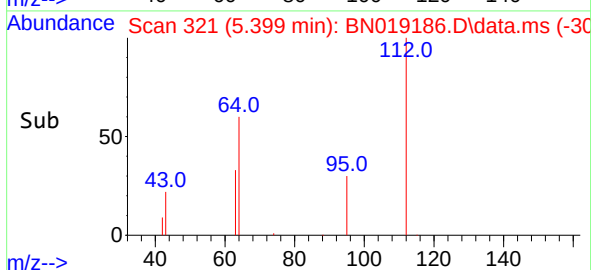
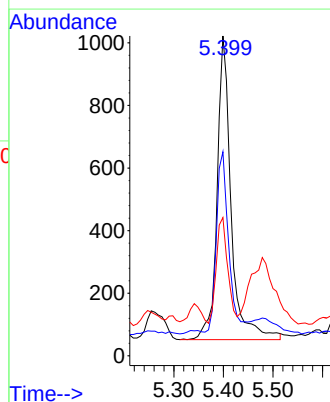
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

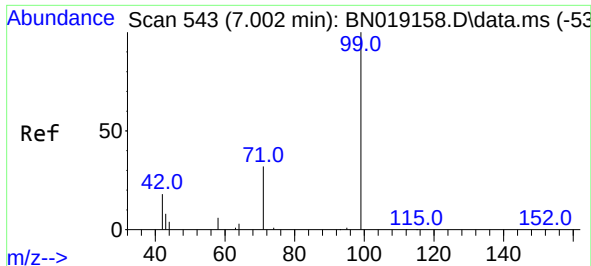


#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56



Tgt Ion:112 Resp: 1902
Ion Ratio Lower Upper
112 100
64 51.9 47.8 71.8
63 28.4 25.7 38.5





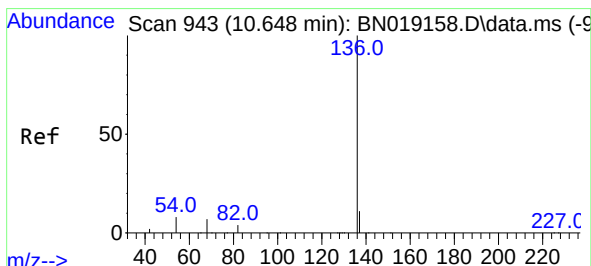
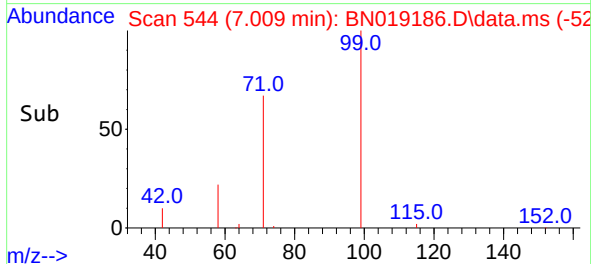
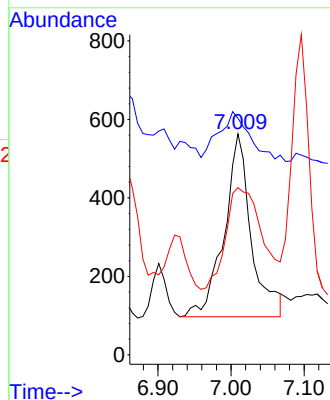
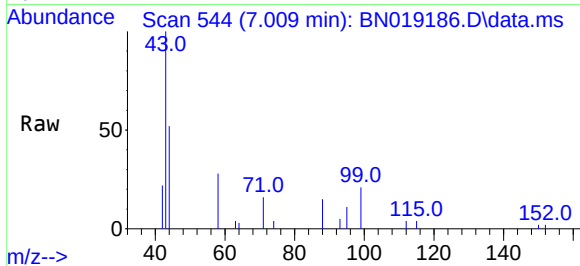
#5
Phenol-d6
Concen: 0.11 ng
RT: 7.009 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 99 Resp: 120
Ion Ratio Lower Upper
99 100
42 27.9 16.2 24.4
71 74.2 27.7 41.5

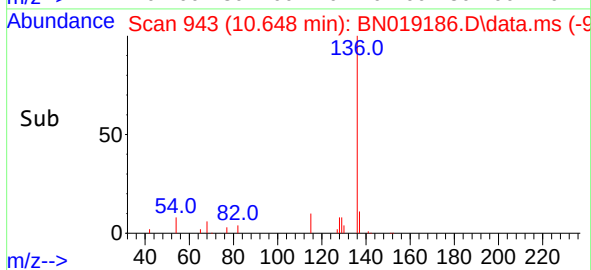
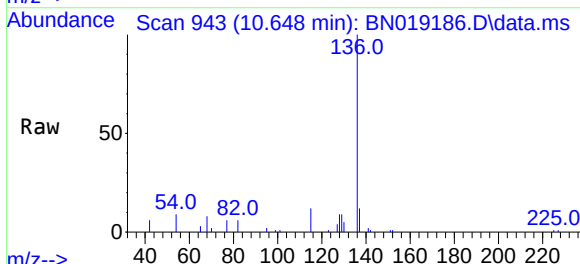
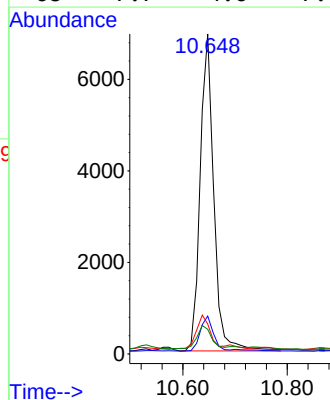
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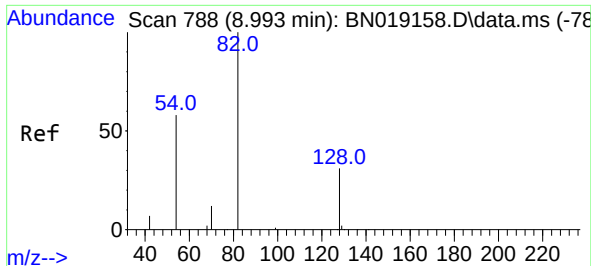
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

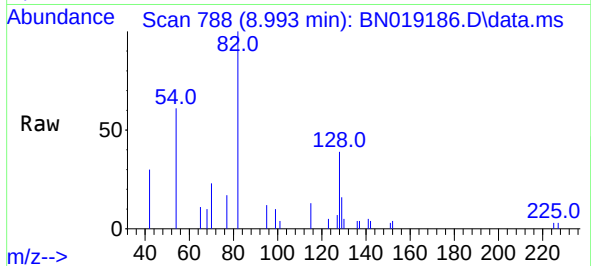
Tgt Ion:136 Resp: 12585
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.4
54 9.3 5.8 8.6#
68 7.7 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

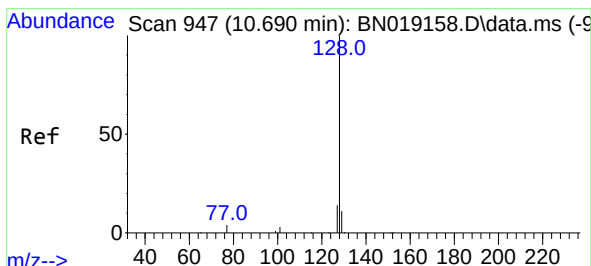
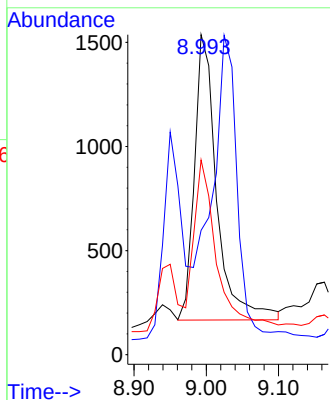
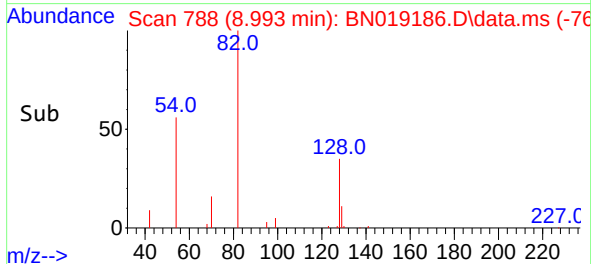
Instrument :
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ClientSampleId :
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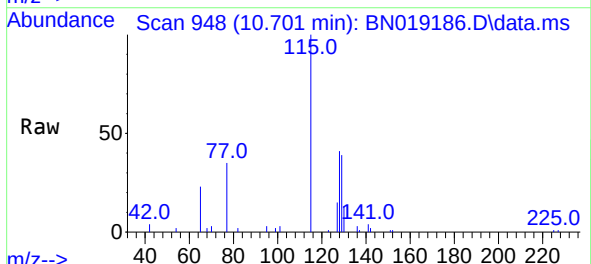
Tgt Ion: 82 Resp: 294
Ion Ratio Lower Upper
82 100
128 38.8 33.0 49.6
54 60.8 42.5 63.7

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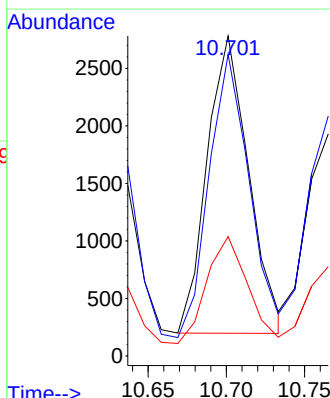
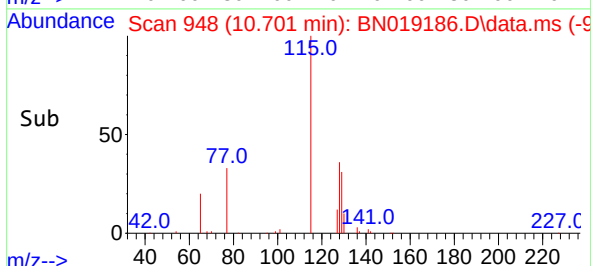
Reviewed By :Christian Giraldo 03/28/2022
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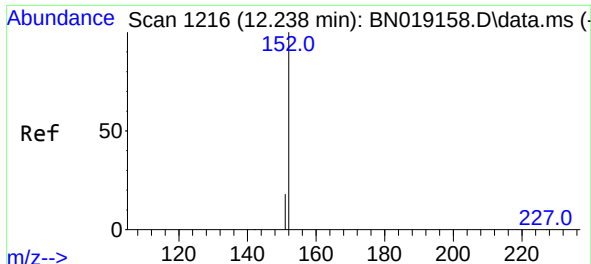


#9
Naphthalene
Concen: 0.14 ng
RT: 10.701 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56



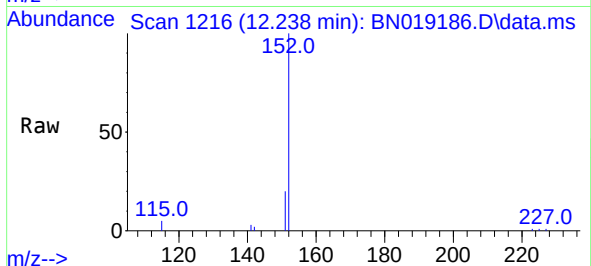
Tgt Ion:128 Resp: 4786
Ion Ratio Lower Upper
128 100
129 94.2 9.0 13.4#
127 37.3 10.7 16.1#





#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

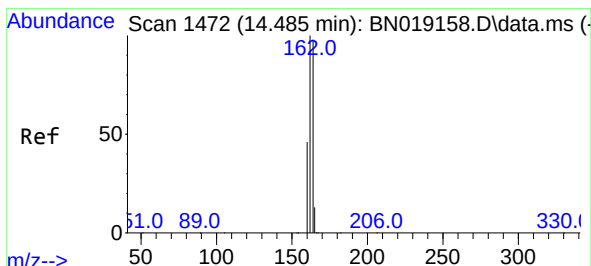
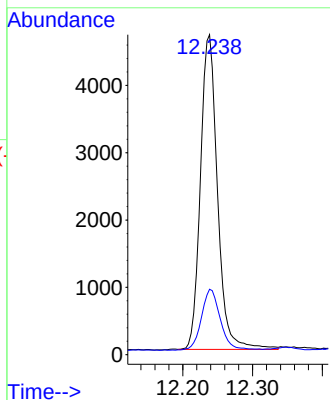
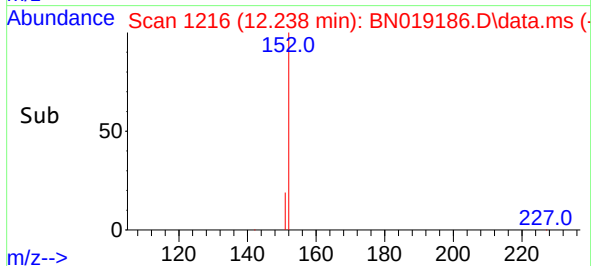
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MW-55



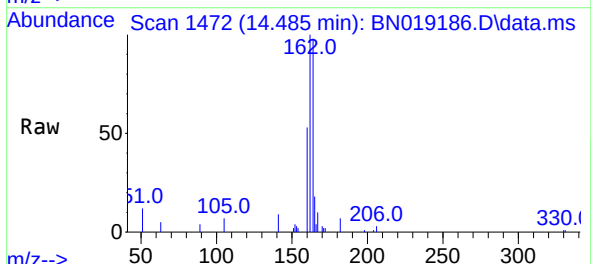
Tgt Ion:152 Resp: 7940
Ion Ratio Lower Upper
152 100
151 21.6 16.5 24.7

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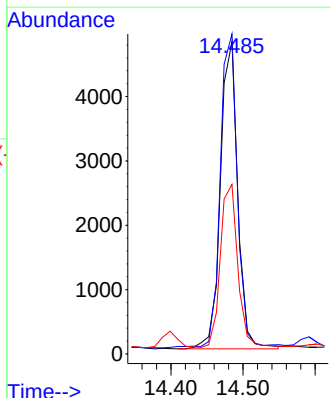
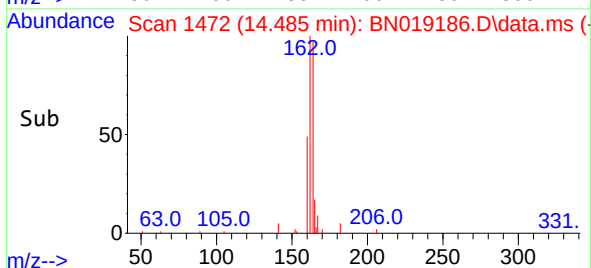
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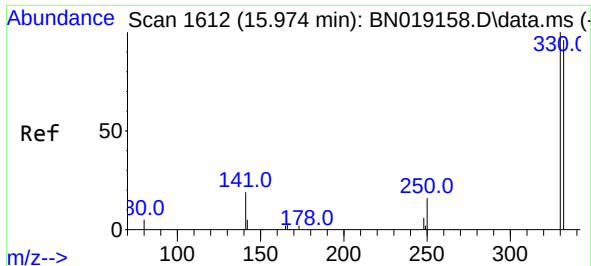


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.485 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56



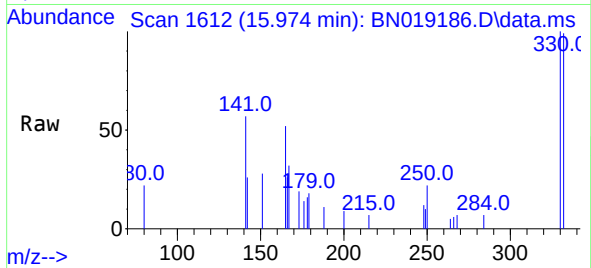
Tgt Ion:164 Resp: 7921
Ion Ratio Lower Upper
164 100
162 102.5 85.2 127.8
160 54.4 41.5 62.3





#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

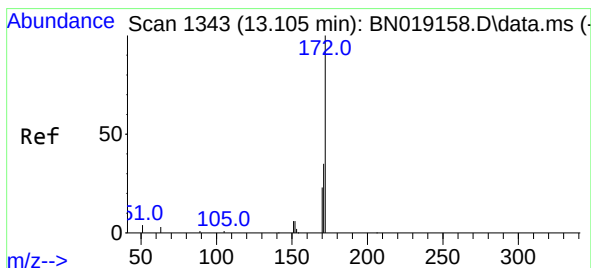
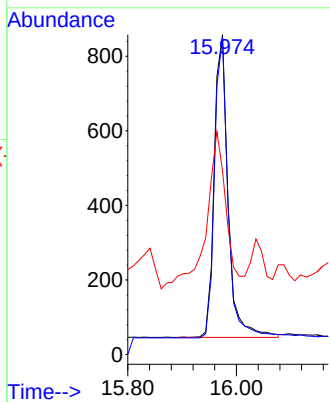
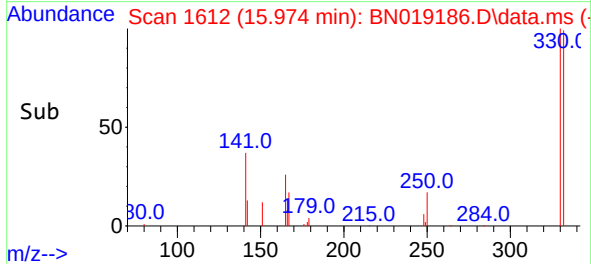
Instrument :
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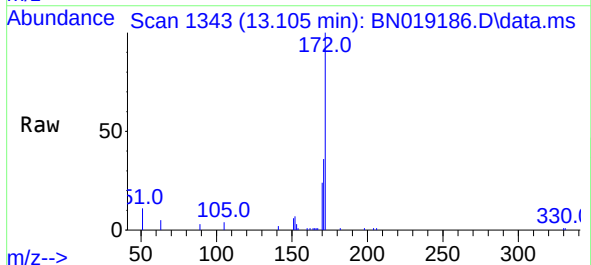
Tgt Ion:330 Resp: 1440
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 55.6 32.2 48.2

Manual Integrations
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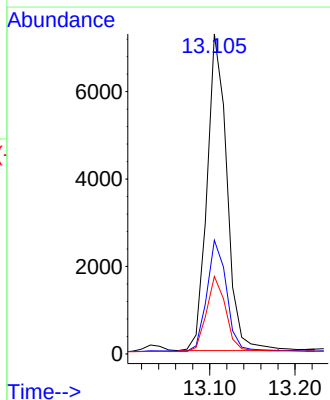
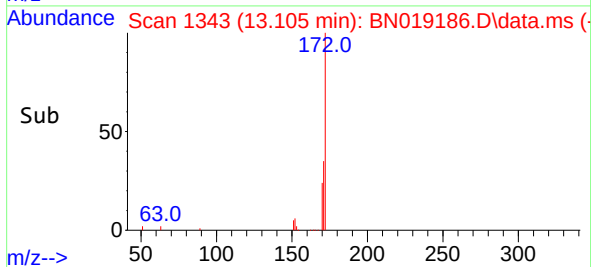
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

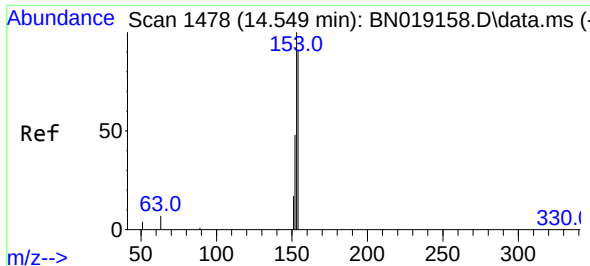


#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56



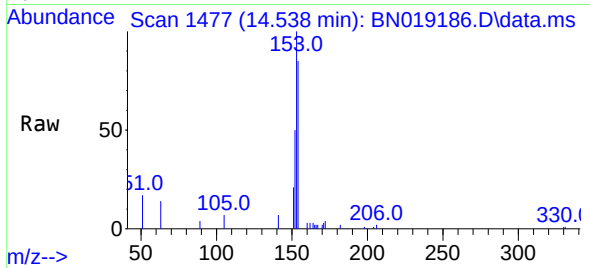
Tgt Ion:172 Resp: 11756
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.3 18.7 28.1





#17
Acenaphthene
Concen: 0.24 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

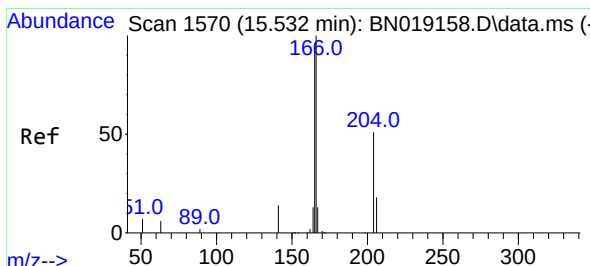
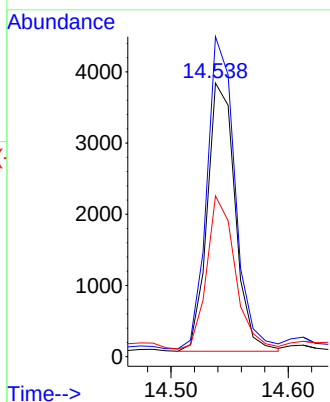
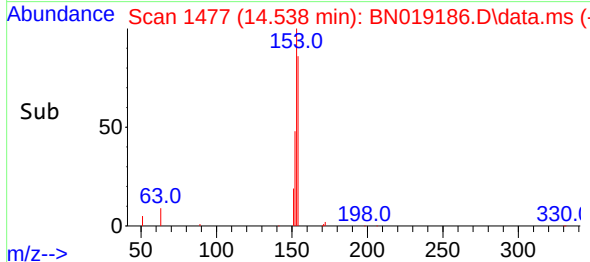
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Tgt Ion:154 Resp: 623
Ion Ratio Lower Upper
154 100
153 116.3 89.7 134.5
152 57.8 44.7 67.1

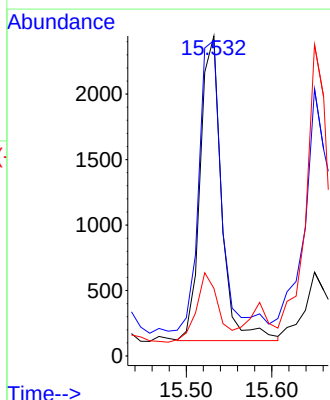
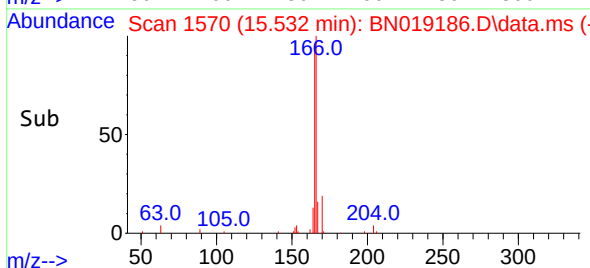
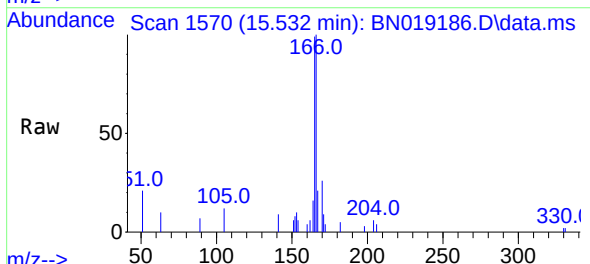
Manual Integrations
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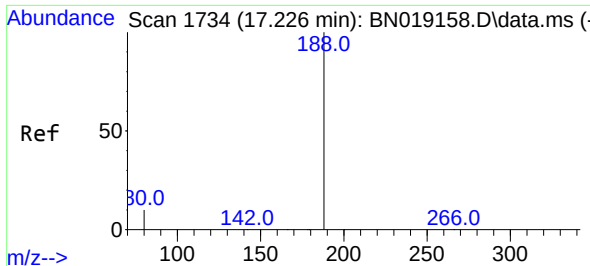
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#18
Fluorene
Concen: 0.12 ng m
RT: 15.532 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

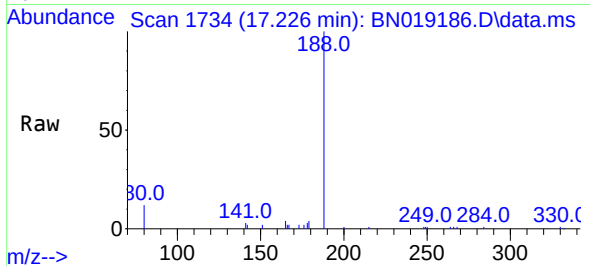
Tgt Ion:166 Resp: 4032
Ion Ratio Lower Upper
166 100
165 101.7 79.2 118.8
167 23.6 10.7 16.1#





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.226 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN019186.D
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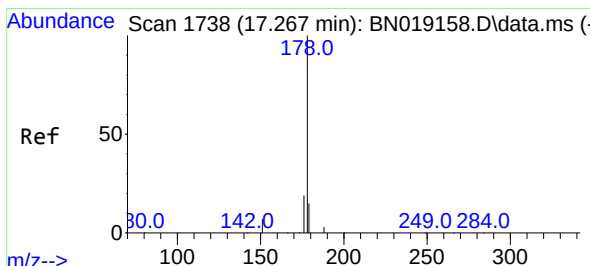
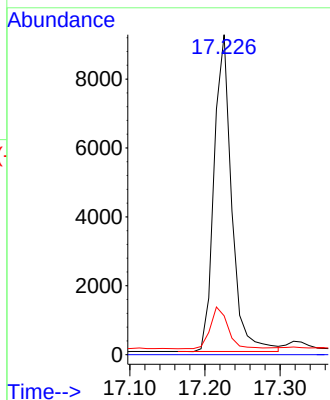
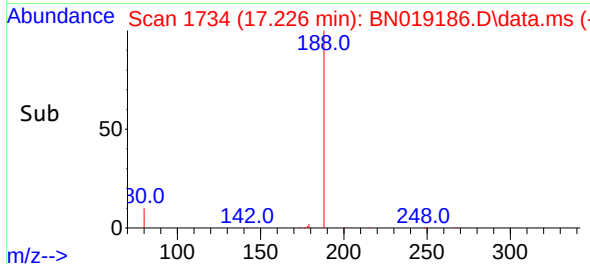
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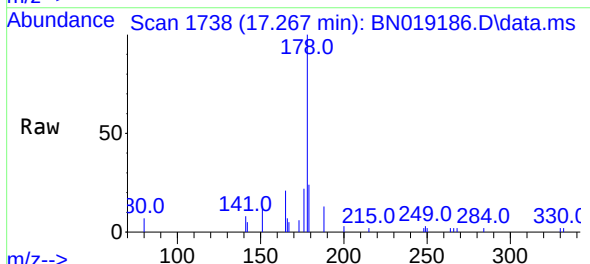
Tgt Ion:188 Resp: 14940
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 11.8 17.8

Manual Integrations
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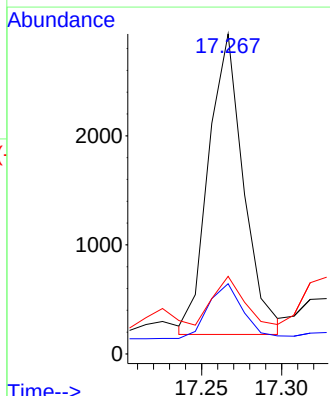
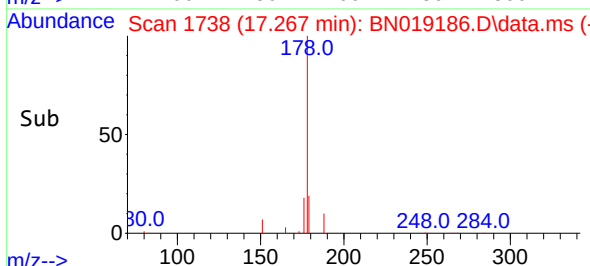
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

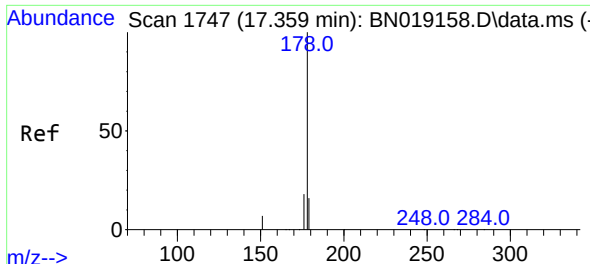


#25
Phenanthrene
Concen: 0.09 ng m
RT: 17.267 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56



Tgt Ion:178 Resp: 4194
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 13.8 12.2 18.2





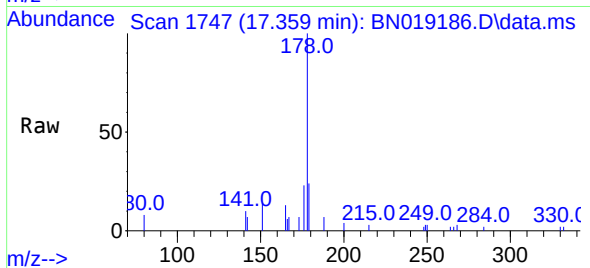
#26
 Anthracene
 Concen: 0.10 ng
 RT: 17.359 min Scan# 1747
 Delta R.T. -0.000 min
 Lab File: BN019186.D
 Acq: 26 Mar 2022 10:56

Instrument :

BNA_N

ClientSampleId :

MW-55

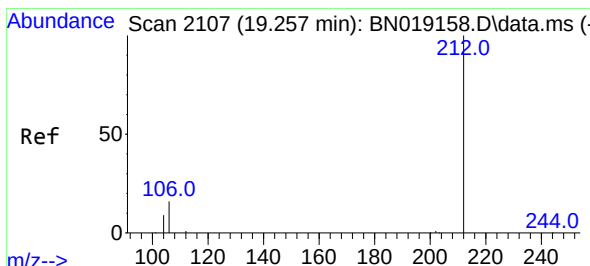
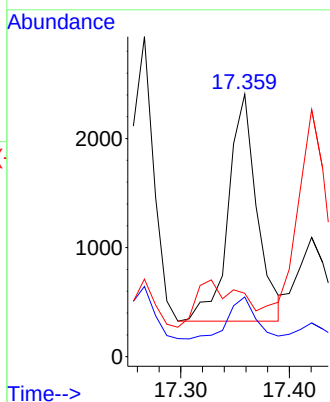
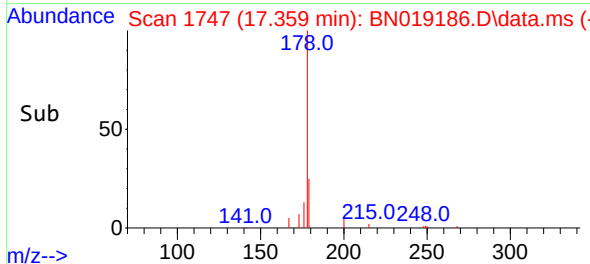


Tgt Ion:178 Resp: 3824
 Ion Ratio Lower Upper
 178 100
 176 17.6 14.8 22.2
 179 0.0 12.2 18.4

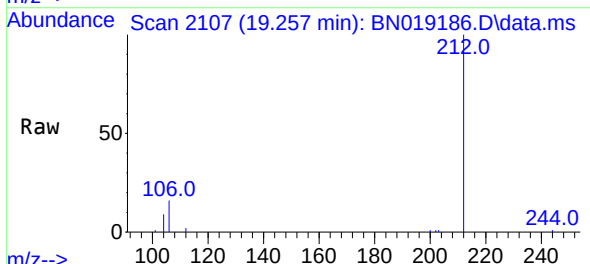
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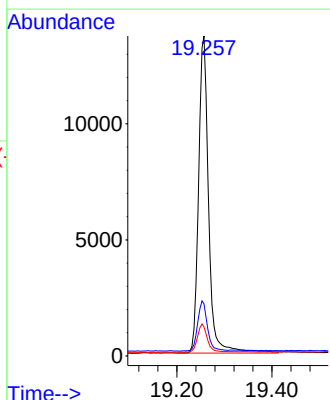
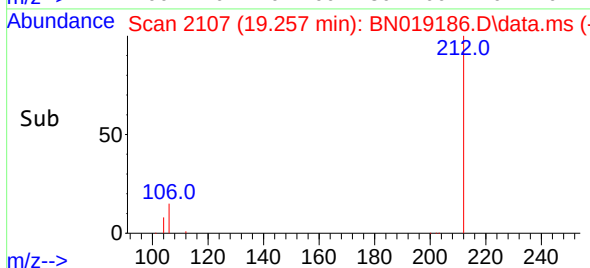
Reviewed By :Christian Giraldo 03/28/2022
 Supervised By :Jagrut Upadhyay 03/29/2022

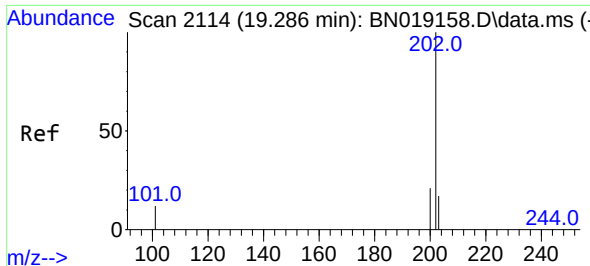


#27
 Fluoranthene-d10
 Concen: 0.46 ng
 RT: 19.257 min Scan# 2107
 Delta R.T. -0.000 min
 Lab File: BN019186.D
 Acq: 26 Mar 2022 10:56



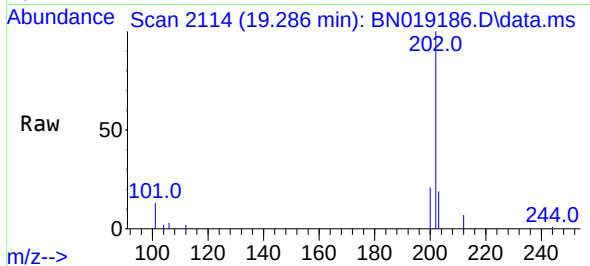
Tgt Ion:212 Resp: 19993
 Ion Ratio Lower Upper
 212 100
 106 15.6 12.7 19.1
 104 8.8 7.1 10.7





#28
Fluoranthene
Concen: 0.23 ng
RT: 19.286 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

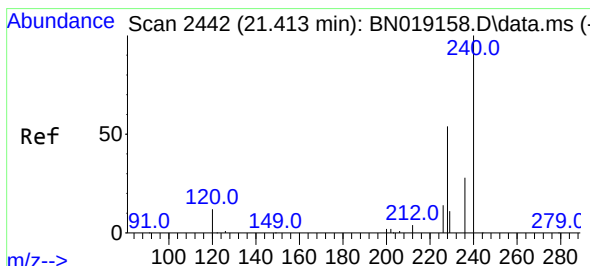
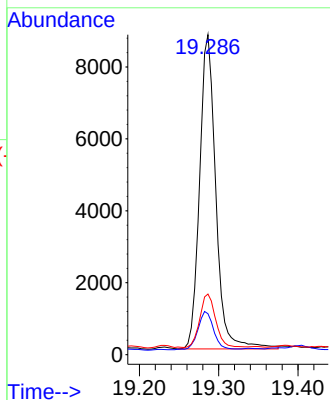
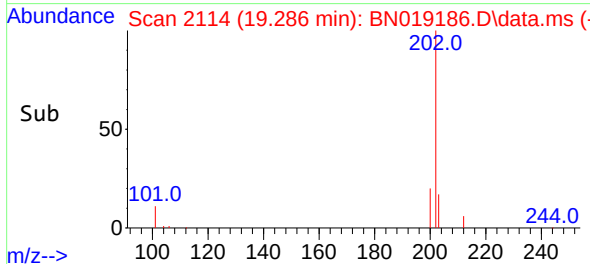
Instrument :
BNA_N
ClientSampleId :
MW-55



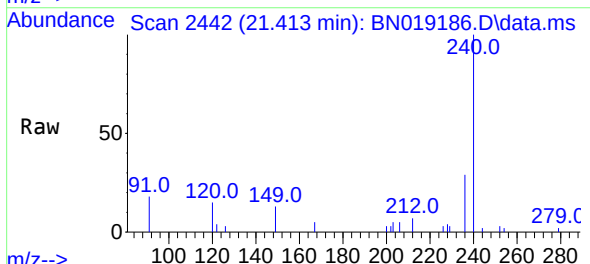
Tgt Ion:202 Resp: 12469
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.6
203 16.5 13.7 20.5

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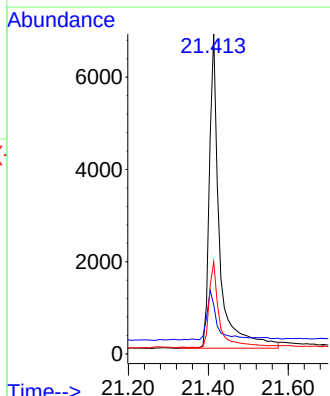
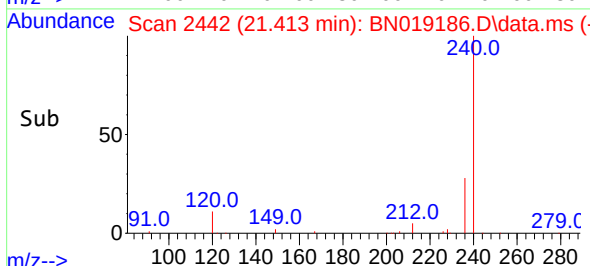
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

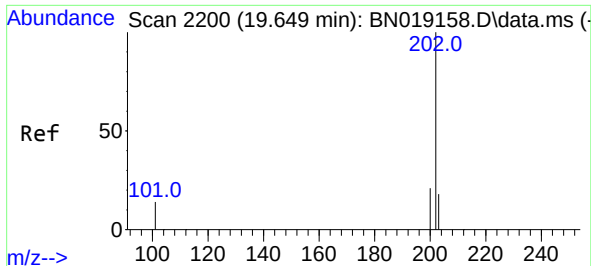


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56



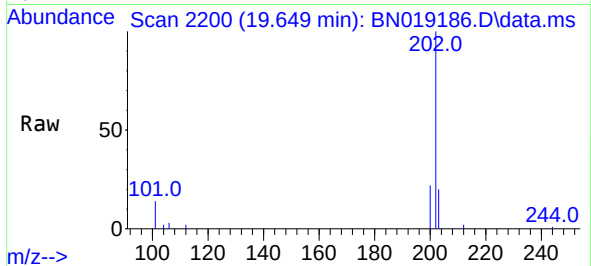
Tgt Ion:240 Resp: 12056
Ion Ratio Lower Upper
240 100
120 15.4 8.5 12.7#
236 28.9 22.4 33.6





#30
Pyrene
Concen: 0.19 ng
RT: 19.649 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

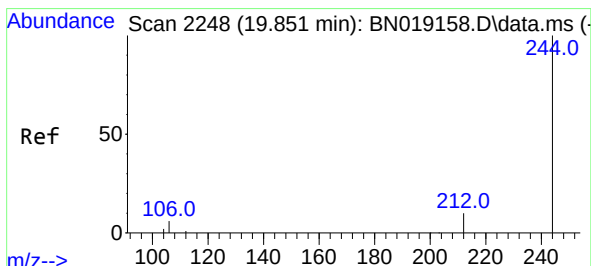
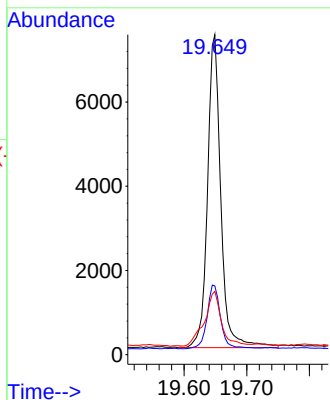
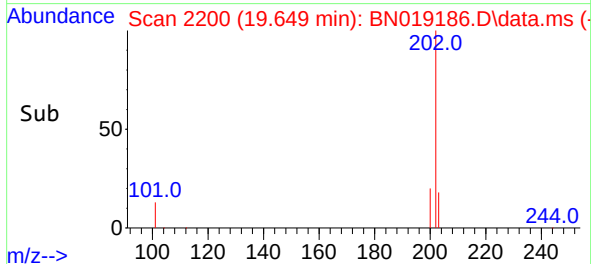
Instrument :
BNA_N
ClientSampleId :
MW-55



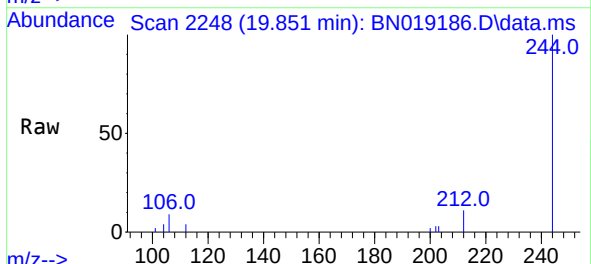
Tgt Ion:	202	Resp:	1099
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.9	25.3
203	22.3	14.2	21.2

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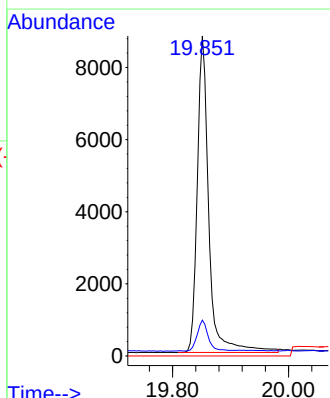
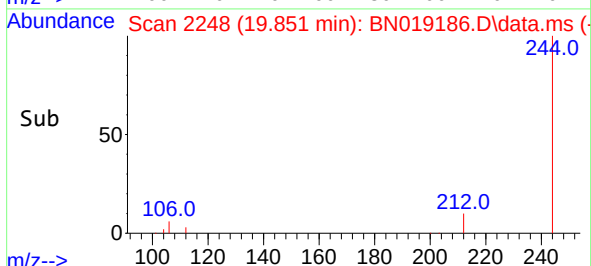
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

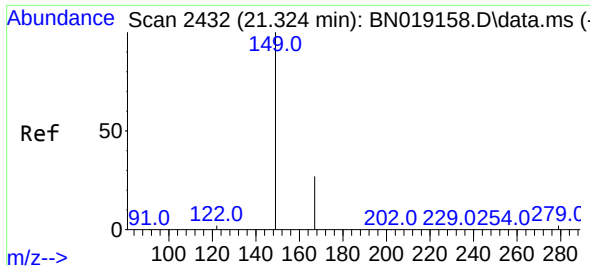


#31
Terphenyl-d14
Concen: 0.45 ng
RT: 19.851 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56



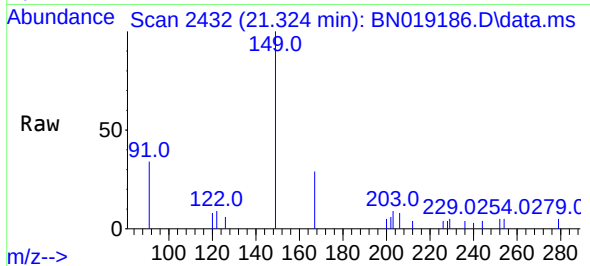
Tgt Ion:	244	Resp:	12136
Ion Ratio	Lower	Upper	
244	100		
212	11.2	8.2	12.4
122	0.0	0.0	0.0





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.14 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BN019186.D
 Acq: 26 Mar 2022 10:56

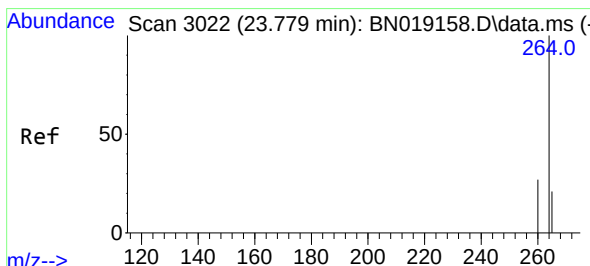
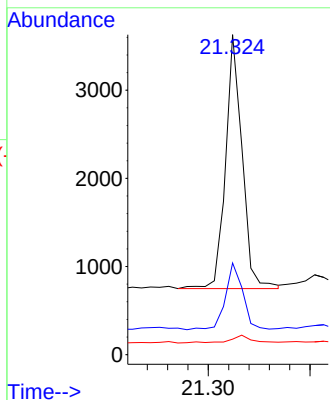
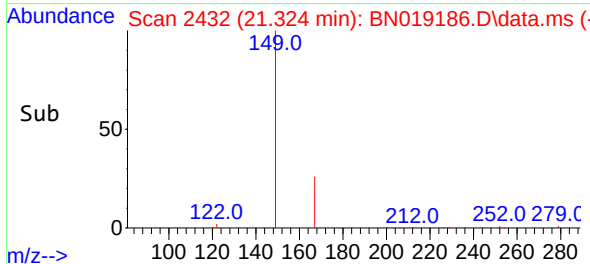
Instrument :
 BNA_N
 ClientSampleId :
 MW-55



Tgt Ion:149 Resp: 325
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.8 32.8
 279 3.0 2.0 3.0

Manual Integrations
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Reviewed By :Christian Giraldo 03/28/2022
 Supervised By :Jagrut Upadhyay 03/29/2022



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.779 min Scan# 3022
 Delta R.T. -0.000 min
 Lab File: BN019186.D
 Acq: 26 Mar 2022 10:56

Tgt Ion:264 Resp: 10376
 Ion Ratio Lower Upper
 264 100
 260 28.1 22.4 33.6
 265 46.5 25.3 37.9

