

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
 Data File : BN021753.D
 Acq On : 14 Sep 2022 18:47
 Operator : CG/JU
 Sample : N4549-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-50

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/15/2022
 Supervised By : Jagrut Upadhyay 09/15/2022

Quant Time: Sep 15 07:40:03 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 01:55:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	4401	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	15044	0.400	ng	0.00
13) Acenaphthene-d10	14.707	164	10988	0.400	ng	0.00
19) Phenanthrene-d10	17.456	188	21158	0.400	ng	0.00
29) Chrysene-d12	21.647	240	17267	0.400	ng	# 0.00
35) Perylene-d12	24.154	264	14170	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	1900	0.165	ng	0.00
5) Phenol-d6	7.209	99	1477	0.101	ng	0.00
8) Nitrobenzene-d5	9.233	82	4200m	0.338	ng	0.00
11) 2-Methylnaphthalene-d10	12.471	152	10420	0.275	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	2341	0.466	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	15658	0.349	ng	0.00
27) Fluoranthene-d10	19.490	212	25851	0.454	ng	0.00
31) Terphenyl-d14	20.080	244	20618	0.522	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.930	128	4559	0.103	ng	# 1
16) Acenaphthylene	14.429	152	3517	0.067	ng	# 4
17) Acenaphthene	14.771	154	37177	1.037	ng	99
18) Fluorene	15.747	166	6254	0.131	ng	# 93
26) Anthracene	17.594	178	14900	0.248	ng	# 84
28) Fluoranthene	19.519	202	110191	1.440	ng	99
30) Pyrene	19.882	202	68051	0.794	ng	# 89
32) Benzo(a)anthracene	21.629	228	5052	0.076	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.540	149	4822	0.109	ng	98

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

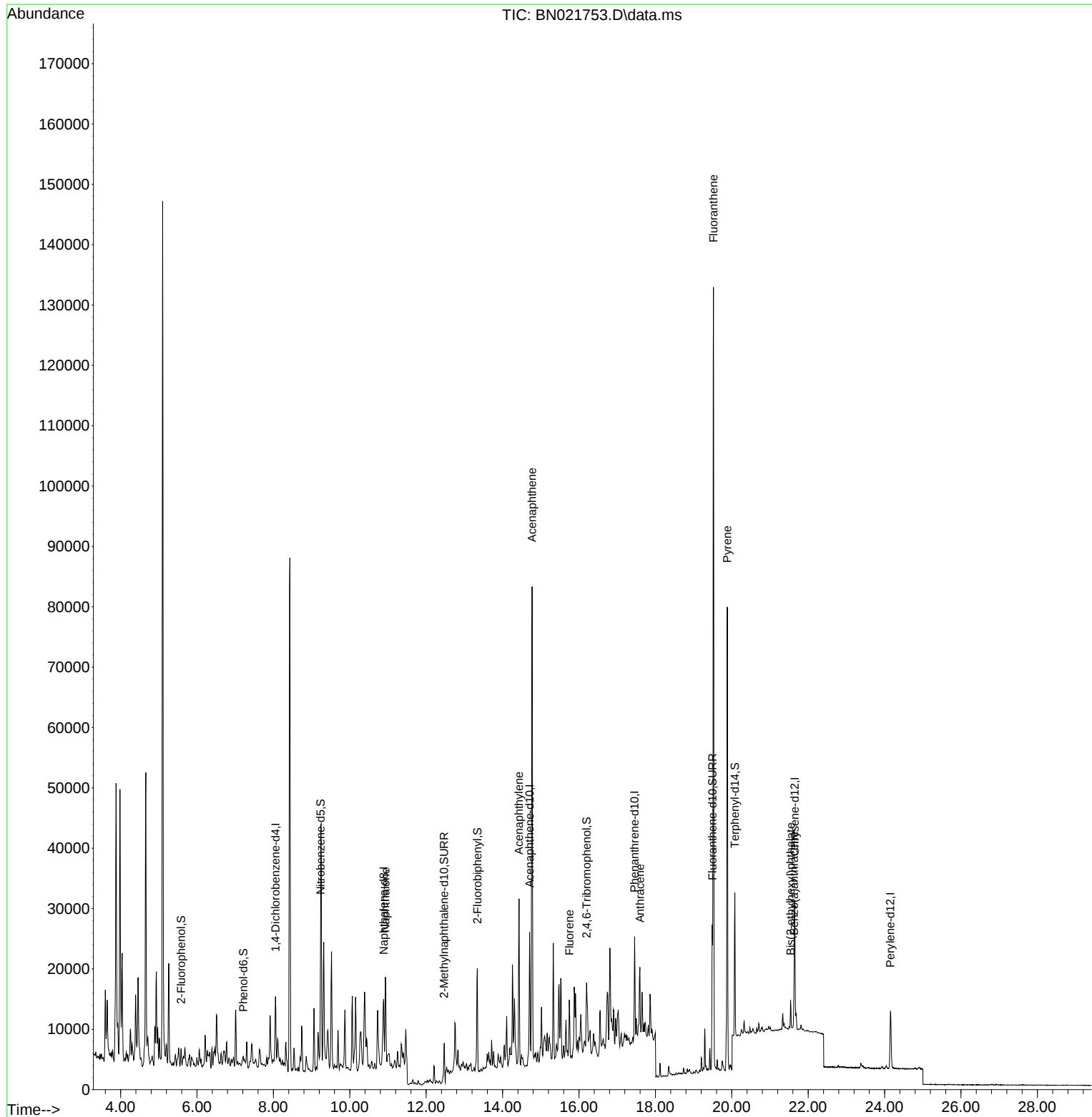
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021753.D
Acq On : 14 Sep 2022 18:47
Operator : CG/JU
Sample : N4549-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-50

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APPROVED

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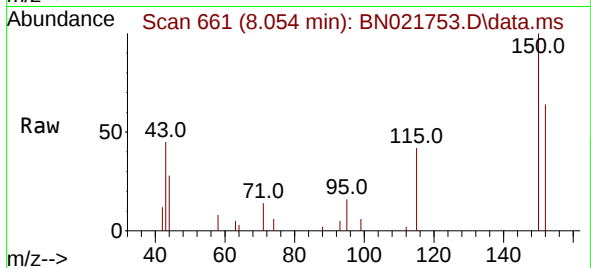
Quant Time: Sep 15 07:40:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.054 min Scan# 662
Delta R.T. -0.008 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

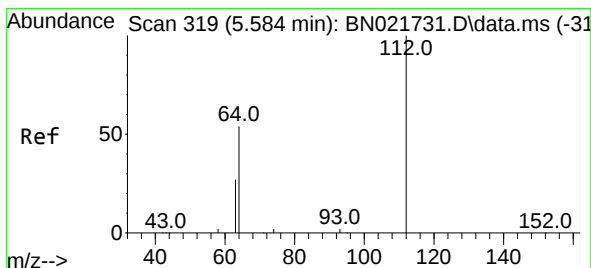
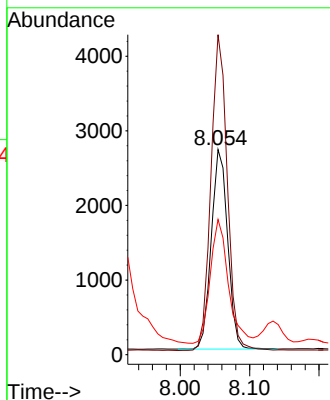
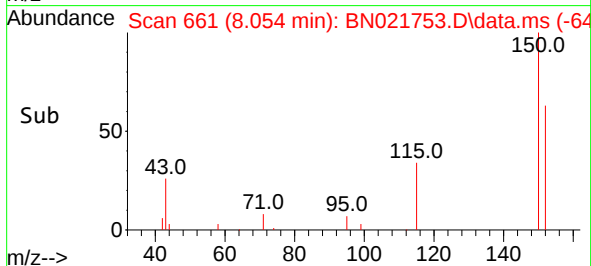
Instrument :
BNA_N
ClientSampleId :
MW-50



Tgt Ion:152 Resp: 440
Ion Ratio Lower Upper
152 100
150 156.0 121.8 182.8
115 65.9 48.3 72.5

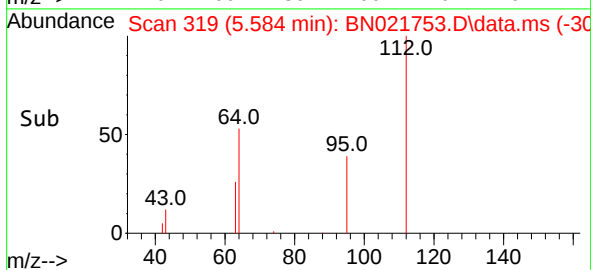
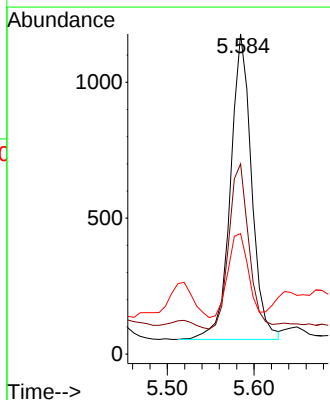
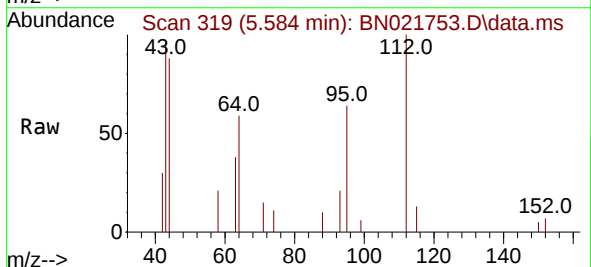
Manual Integrations
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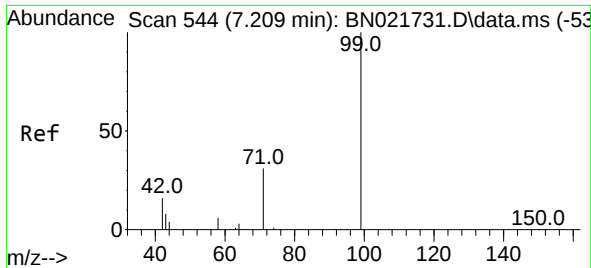
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

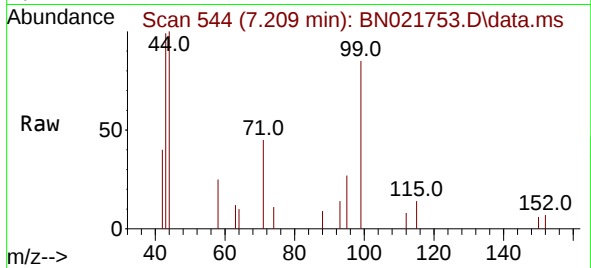
Tgt Ion:112 Resp: 1900
Ion Ratio Lower Upper
112 100
64 51.1 45.4 68.2
63 26.6 23.3 34.9





#5
Phenol-d6
Concen: 0.101 ng
RT: 7.209 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

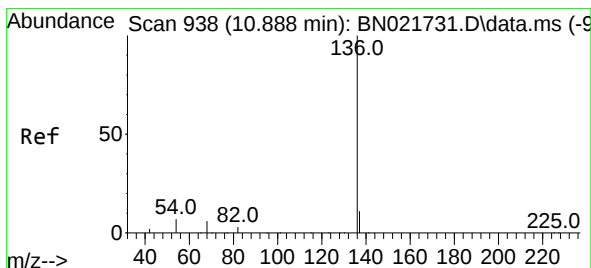
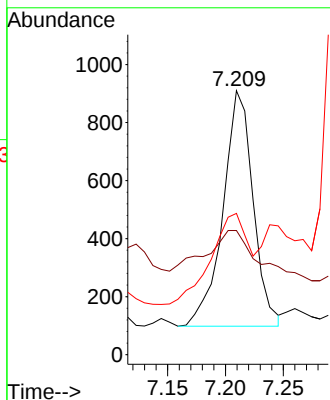
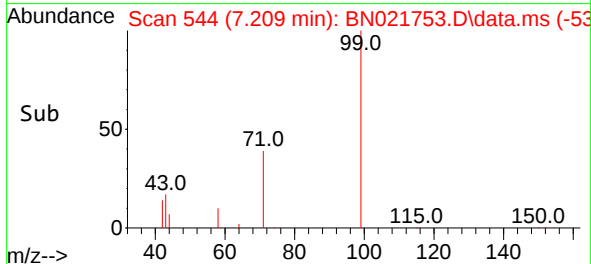
Instrument :
BNA_N
ClientSampleId :
MW-50



Tgt Ion	Ratio	Lower	Upper
99	100		
42	38.8	15.1	22.7
71	48.3	25.3	37.9

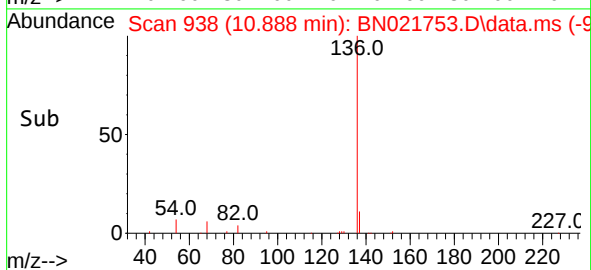
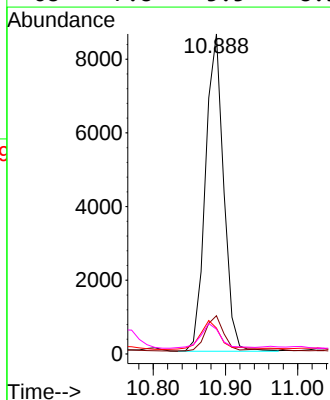
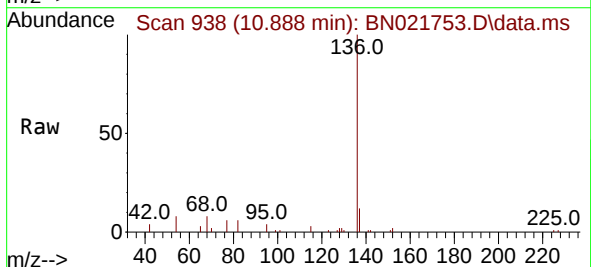
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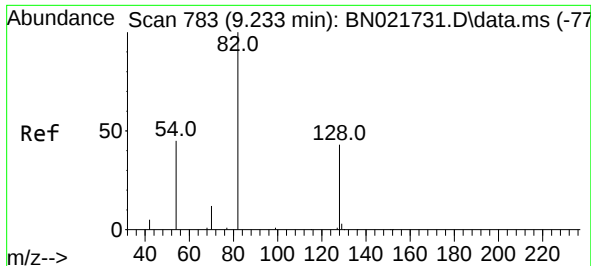
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

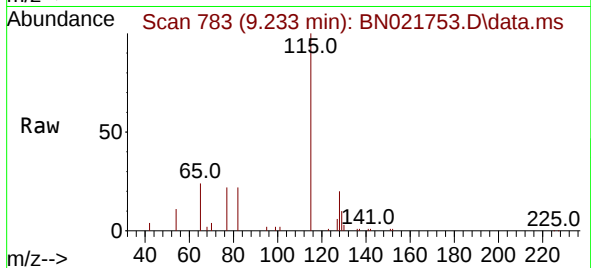
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	8.1	6.4	9.6
68	7.8	5.5	8.3





#8
Nitrobenzene-d5
Concen: 0.338 ng m
RT: 9.233 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

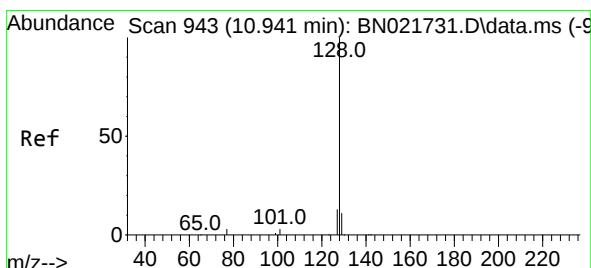
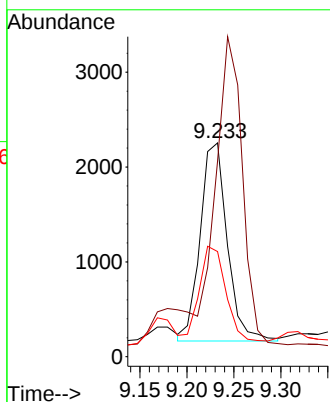
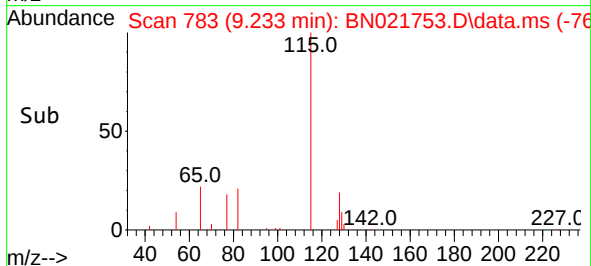
Instrument :
BNA_N
ClientSampleId :
MW-50



Tgt Ion: 82 Resp: 4200
Ion Ratio Lower Upper
82 100
128 91.5 35.6 53.4#
54 49.2 37.8 56.8

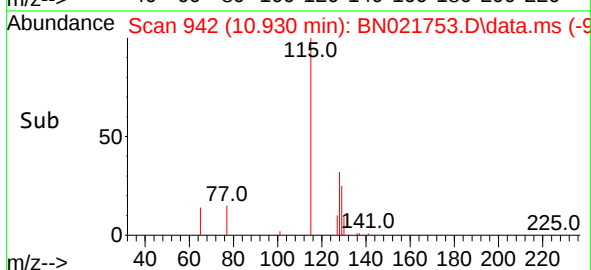
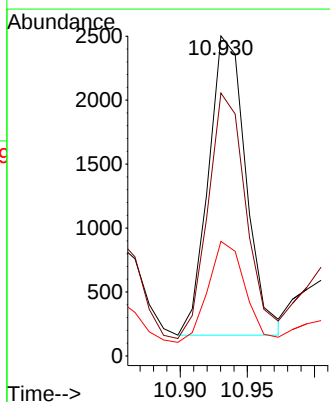
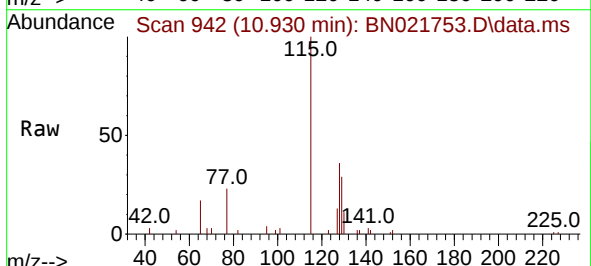
Manual Integrations
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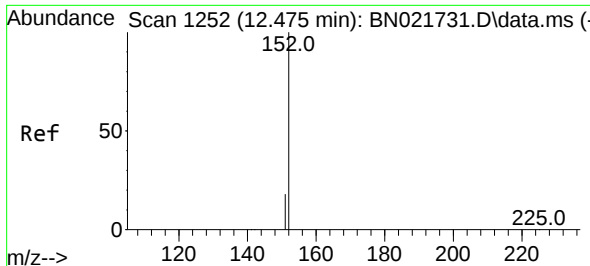
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#9
Naphthalene
Concen: 0.103 ng
RT: 10.930 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

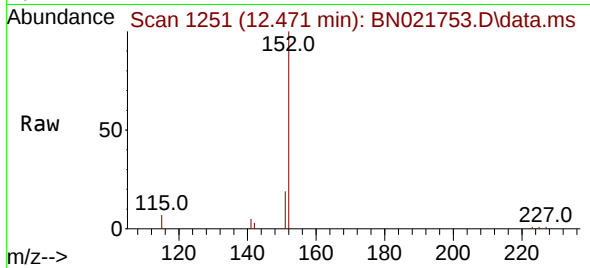
Tgt Ion:128 Resp: 4559
Ion Ratio Lower Upper
128 100
129 82.2 9.2 13.8#
127 35.8 10.5 15.7#





#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.471 min Scan# 1251
Delta R.T. -0.004 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

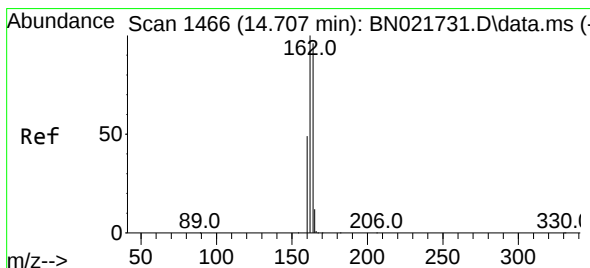
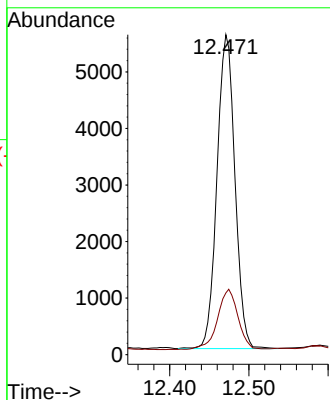
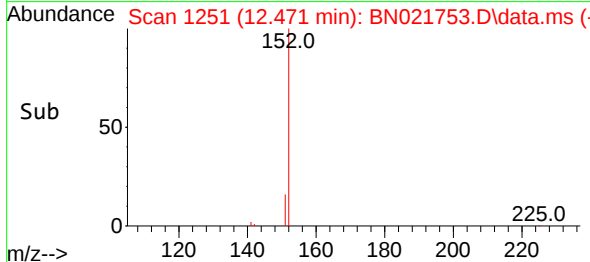
Instrument :
BNA_N
ClientSampleId :
MW-50



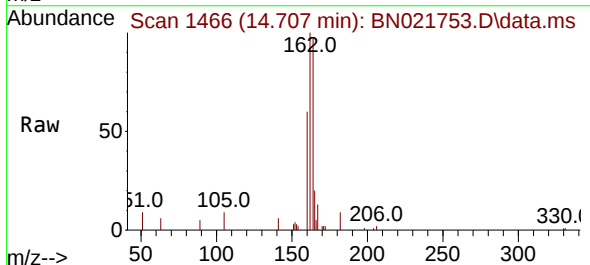
Tgt Ion:152 Resp: 10420
Ion Ratio Lower Upper
152 100
151 20.4 15.6 23.4

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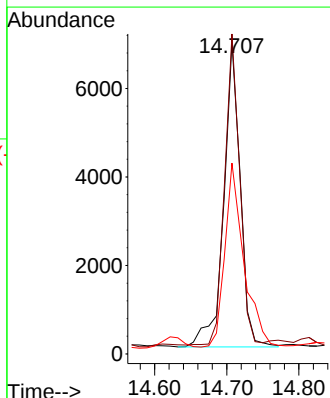
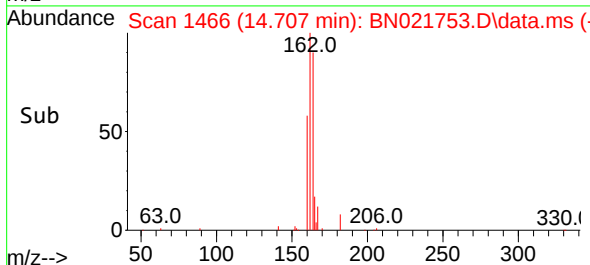
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

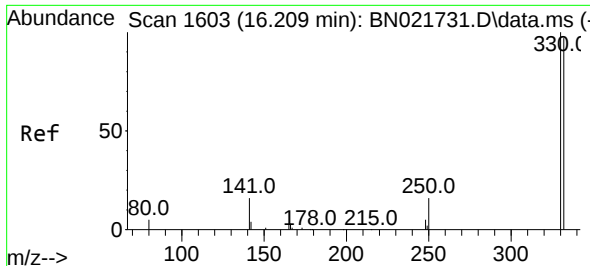


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47



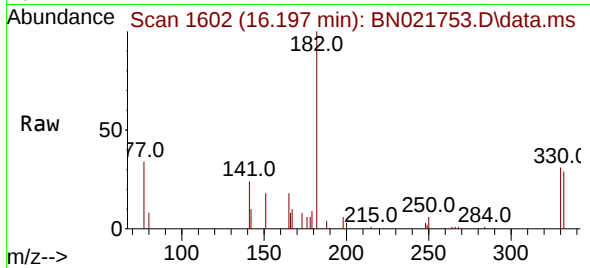
Tgt Ion:164 Resp: 10988
Ion Ratio Lower Upper
164 100
162 102.7 83.2 124.8
160 61.3 40.9 61.3





#14
2,4,6-Tribromophenol
Concen: 0.466 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

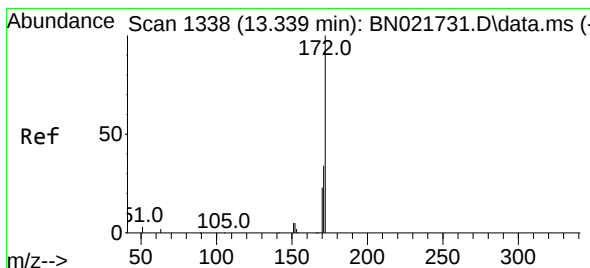
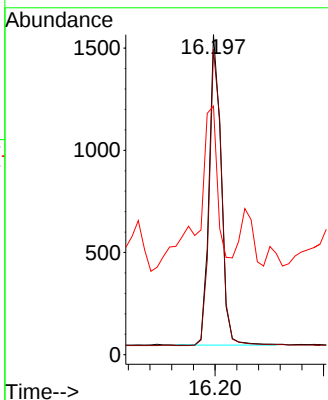
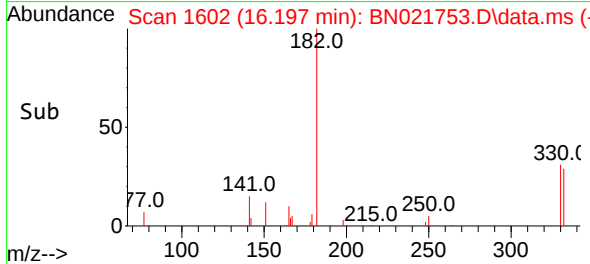
Instrument :
BNA_N
ClientSampleId :
MW-50



Tgt Ion: 330 Resp: 234
Ion Ratio Lower Upper
330 100
332 97.4 76.8 115.2
141 62.2 37.2 55.8

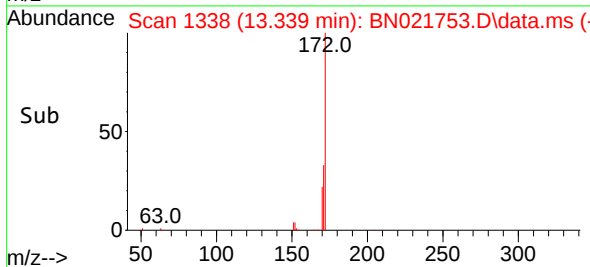
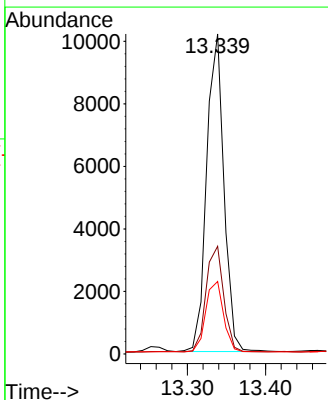
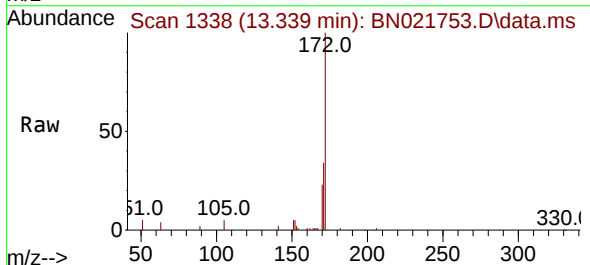
Manual Integrations
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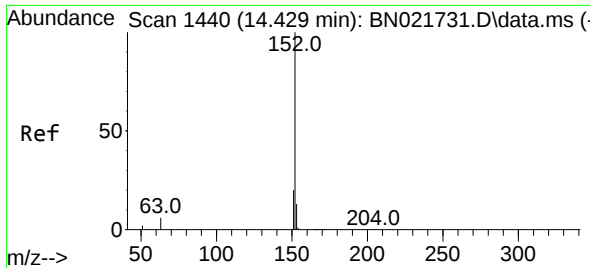
Reviewed By : Christian Giraldo 09/15/2022
Supervised By : Jagrut Upadhyay 09/15/2022



#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.339 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

Tgt Ion: 172 Resp: 15658
Ion Ratio Lower Upper
172 100
171 33.7 27.7 41.5
170 22.6 18.8 28.2





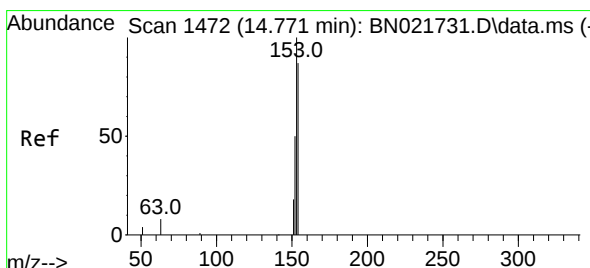
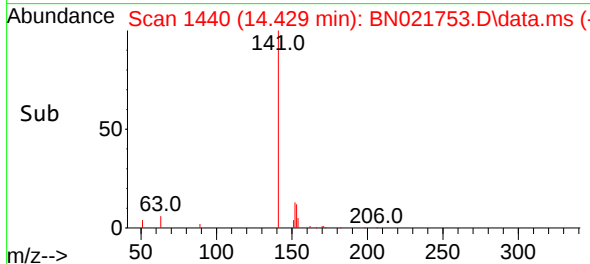
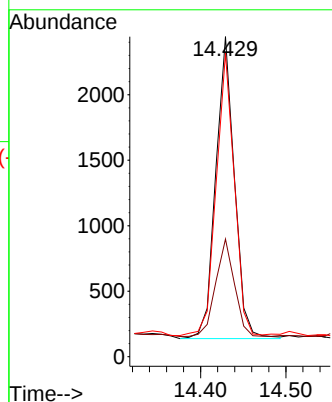
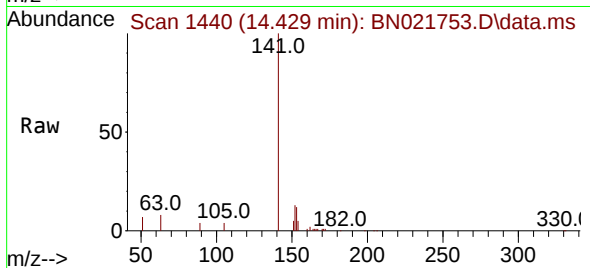
#16
Acenaphthylene
Concen: 0.067 ng
RT: 14.429 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:	152	Resp:	351
Ion Ratio	Lower	Upper	
152	100		
151	32.4	15.4	23.0
153	90.1	10.3	15.5

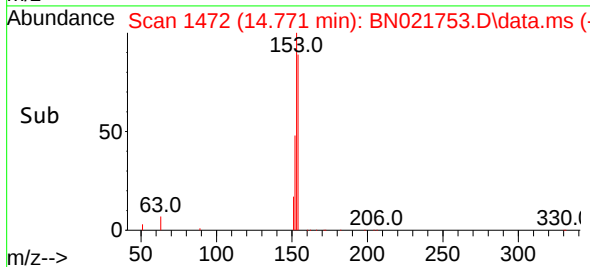
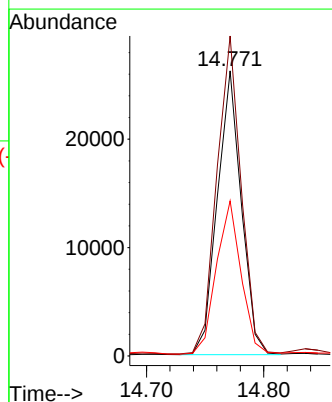
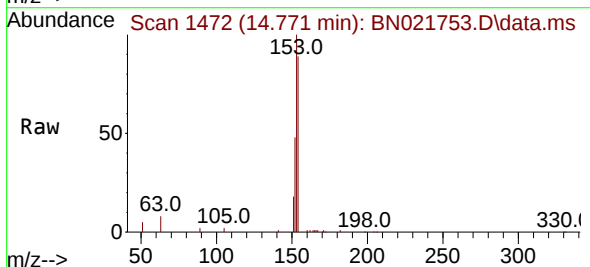
Manual Integrations
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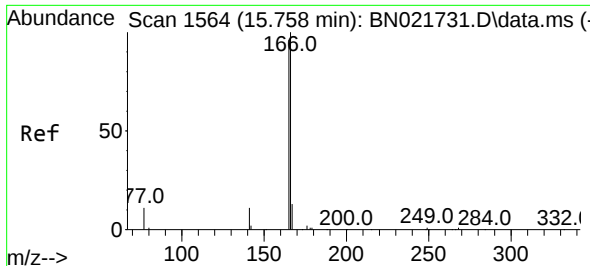
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#17
Acenaphthene
Concen: 1.037 ng
RT: 14.771 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

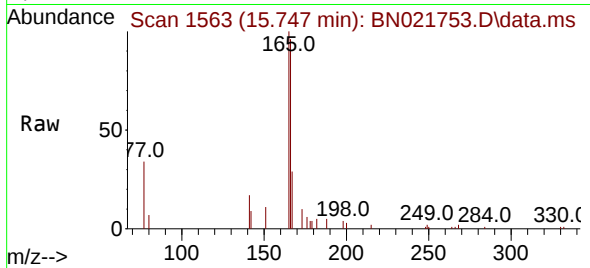
Tgt Ion:	154	Resp:	37177
Ion Ratio	Lower	Upper	
154	100		
153	113.4	91.0	136.4
152	55.8	46.0	69.0





#18
Fluorene
Concen: 0.131 ng
RT: 15.747 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

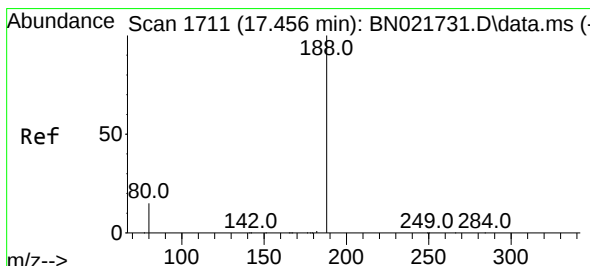
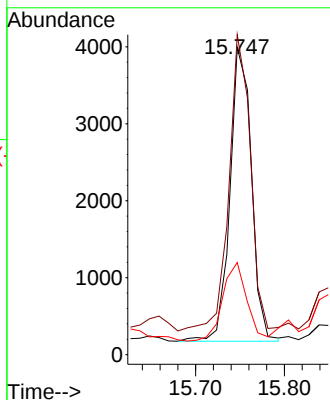
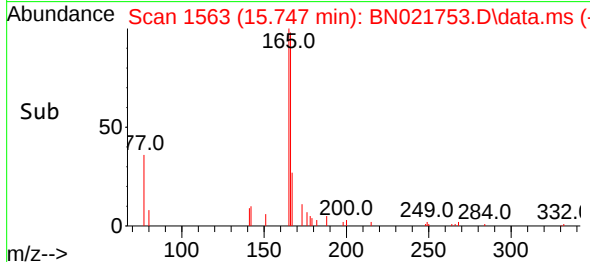
Instrument :
BNA_N
ClientSampleId :
MW-50



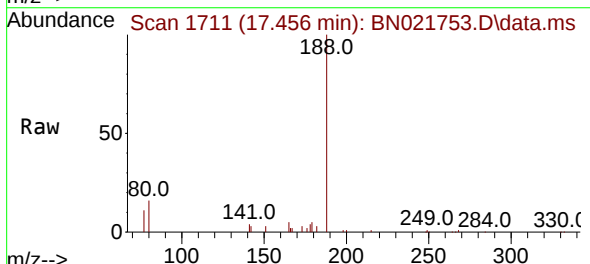
Tgt Ion:166 Resp: 6254
Ion Ratio Lower Upper
166 100
165 100.9 79.4 119.0
167 30.3 10.6 15.8

Manual Integrations
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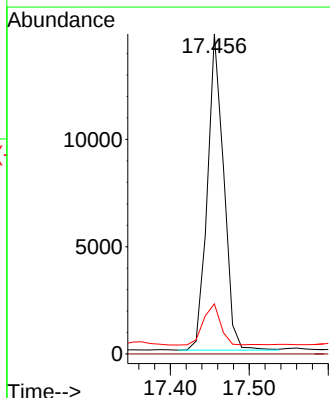
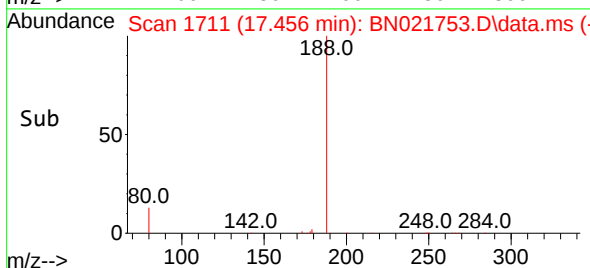
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

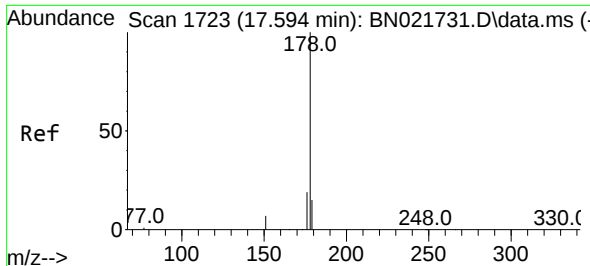


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47



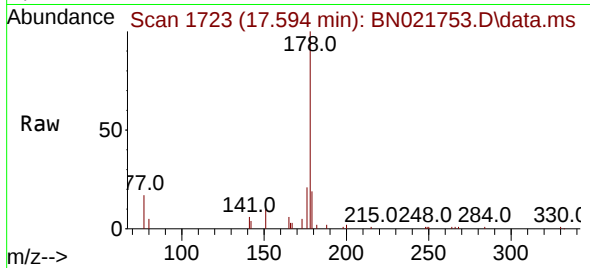
Tgt Ion:188 Resp: 21158
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.7 12.6 19.0





#26
 Anthracene
 Concen: 0.248 ng
 RT: 17.594 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN021753.D
 Acq: 14 Sep 2022 18:47

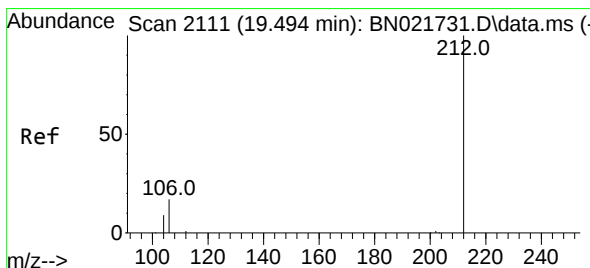
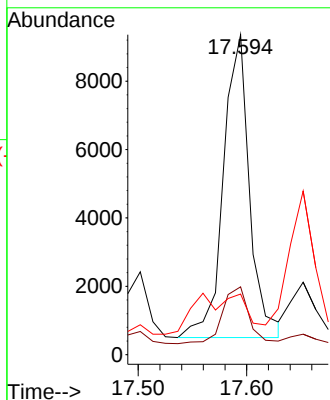
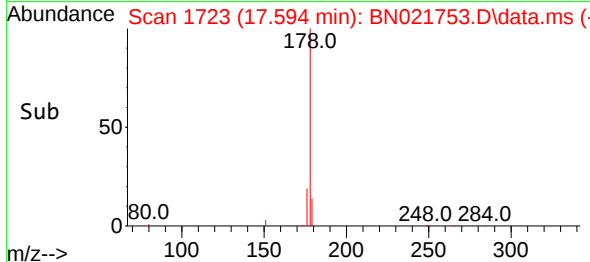
Instrument :
 BNA_N
 ClientSampleId :
 MW-50



Tgt Ion:178 Resp: 14900
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.0 22.6
 179 0.0 12.2 18.2

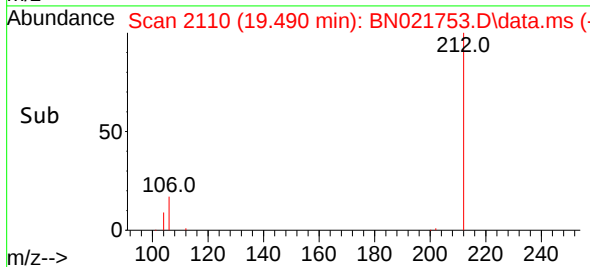
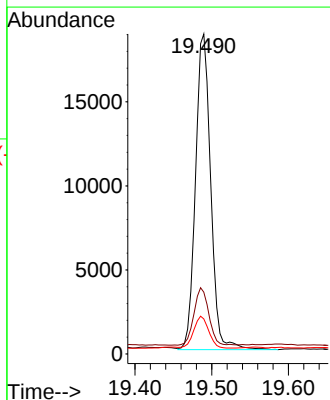
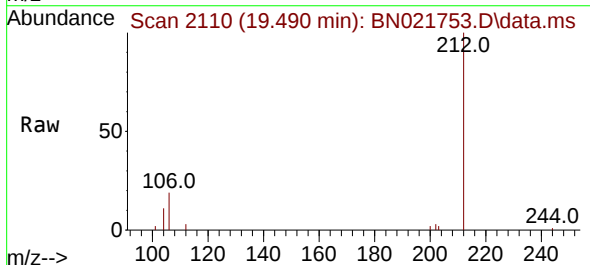
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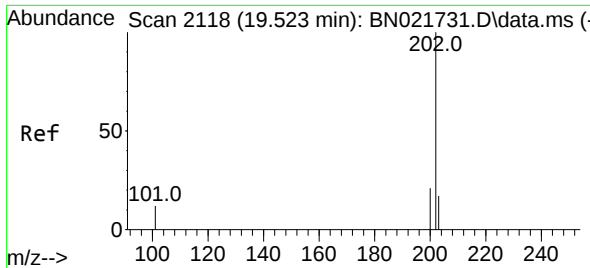
Reviewed By :Christian Giraldo 09/15/2022
 Supervised By :Jagrut Upadhyay 09/15/2022



#27
 Fluoranthene-d10
 Concen: 0.454 ng
 RT: 19.490 min Scan# 2110
 Delta R.T. -0.004 min
 Lab File: BN021753.D
 Acq: 14 Sep 2022 18:47

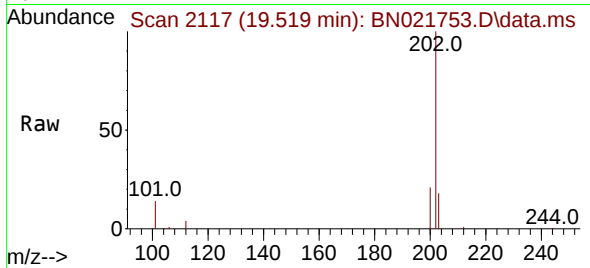
Tgt Ion:212 Resp: 25851
 Ion Ratio Lower Upper
 212 100
 106 17.6 14.3 21.5
 104 9.8 8.0 12.0





#28
Fluoranthene
Concen: 1.440 ng
RT: 19.519 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

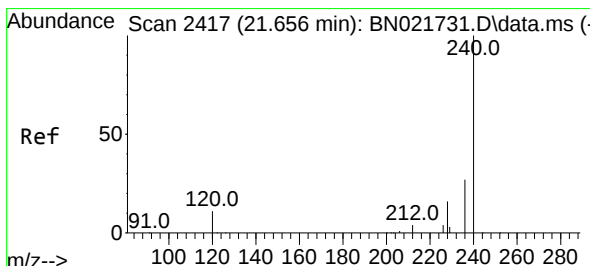
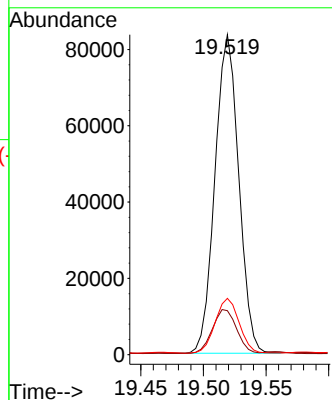
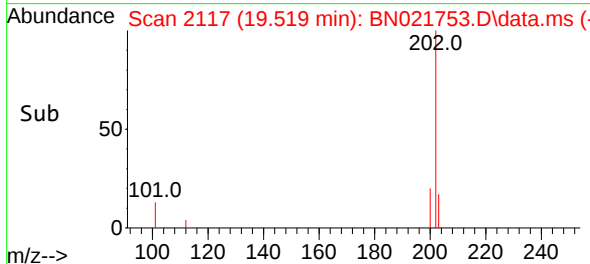
Instrument :
BNA_N
ClientSampleId :
MW-50



Tgt Ion:202 Resp: 11019
Ion Ratio Lower Upper
202 100
101 14.1 11.0 16.4
203 17.2 13.7 20.5

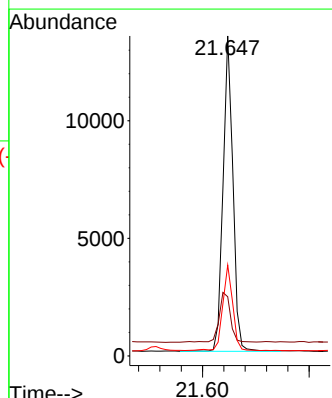
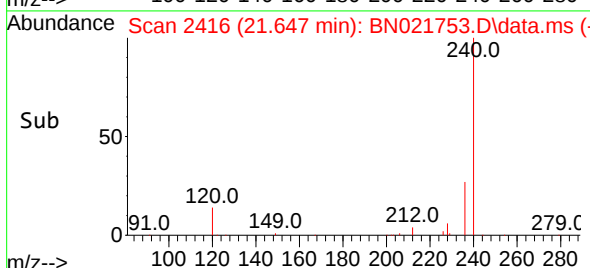
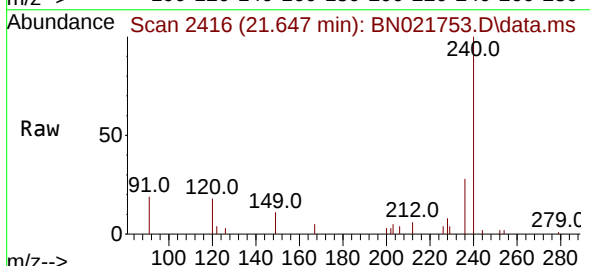
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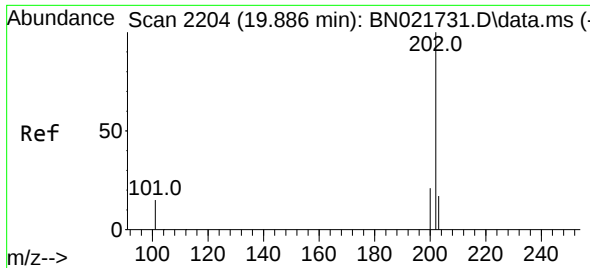
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

Tgt Ion:240 Resp: 17267
Ion Ratio Lower Upper
240 100
120 18.5 9.8 14.8#
236 28.4 22.2 33.4





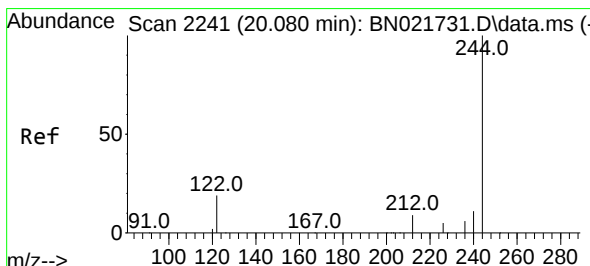
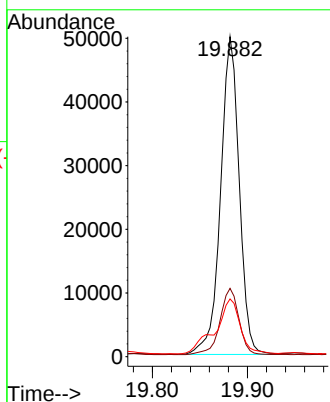
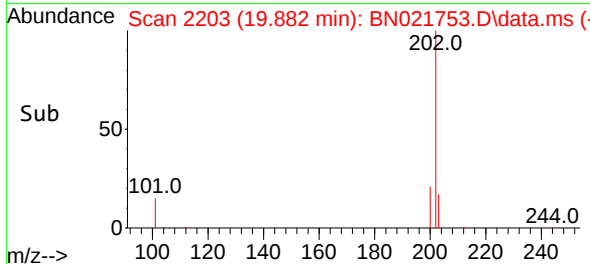
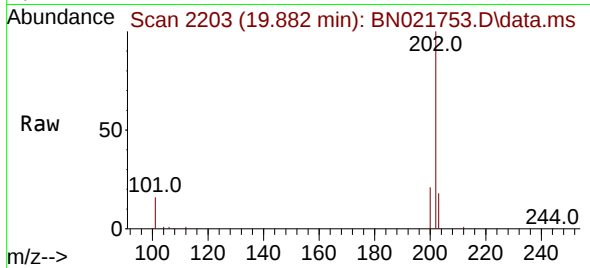
#30
Pyrene
Concen: 0.794 ng
RT: 19.882 min Scan# 2203
Delta R.T. -0.004 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:	202	Resp:	6805
Ion Ratio	Lower	Upper	
202	100		
200	21.1	15.0	22.4
203	23.1	12.8	19.2

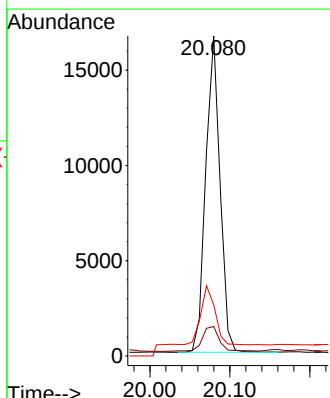
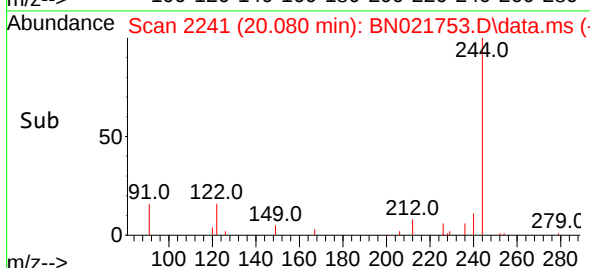
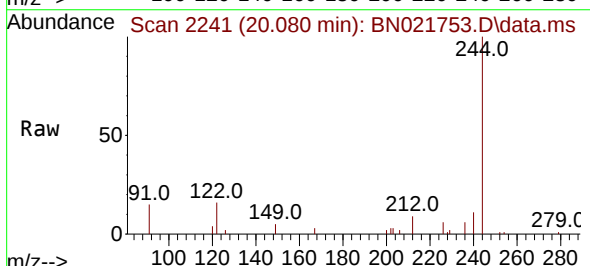
Manual Integrations
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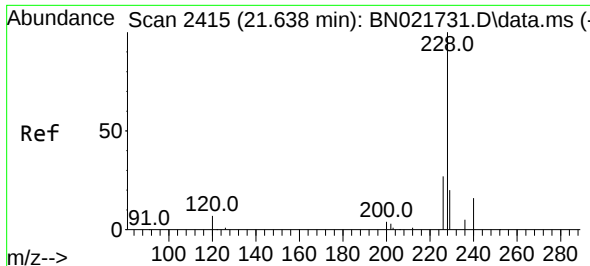
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#31
Terphenyl-d14
Concen: 0.522 ng
RT: 20.080 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

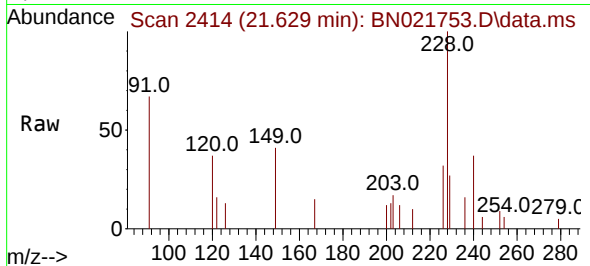
Tgt Ion:	244	Resp:	20618
Ion Ratio	Lower	Upper	
244	100		
212	9.2	7.9	11.9
122	16.0	15.8	23.8





#32
Benzo(a)anthracene
Concen: 0.076 ng
RT: 21.629 min Scan# 2415
Delta R.T. -0.009 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47

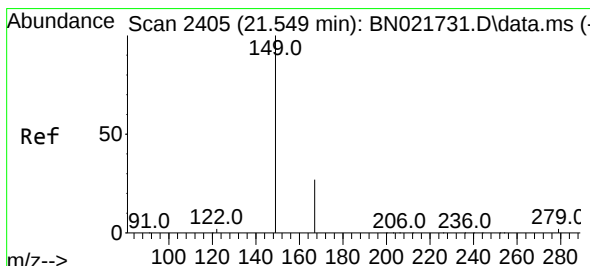
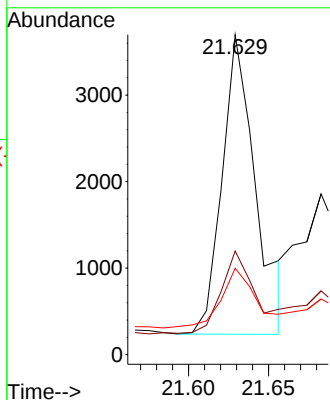
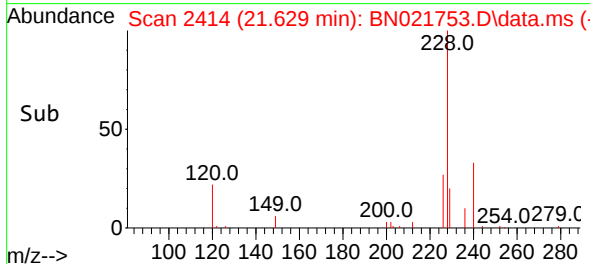
Instrument :
BNA_N
ClientSampleId :
MW-50



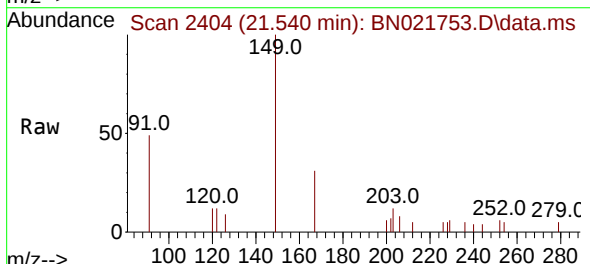
Tgt Ion:228 Resp: 5052
Ion Ratio Lower Upper
228 100
226 32.4 21.5 32.3
229 27.0 15.8 23.8

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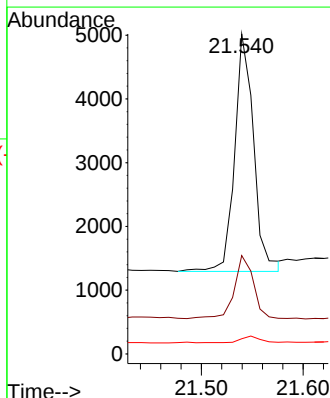
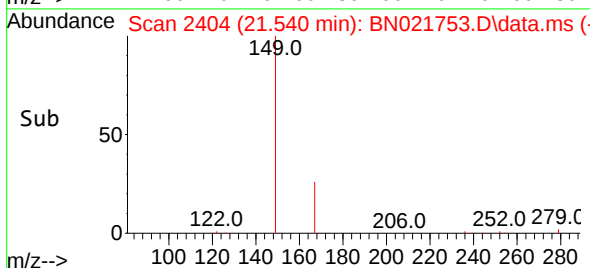
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

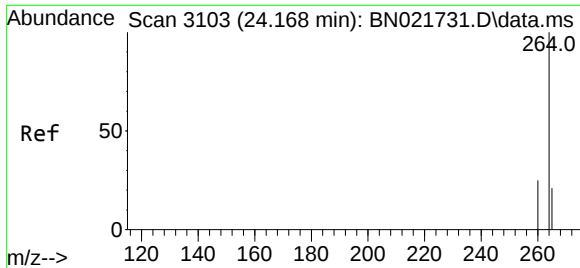


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.109 ng
RT: 21.540 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BN021753.D
Acq: 14 Sep 2022 18:47



Tgt Ion:149 Resp: 4822
Ion Ratio Lower Upper
149 100
167 27.3 20.8 31.2
279 2.8 2.1 3.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.154 min Scan# 30

Delta R.T. -0.015 min

Lab File: BN021753.D

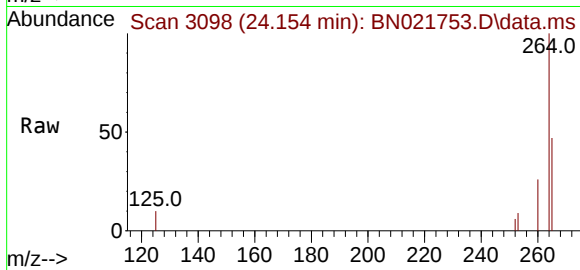
Acq: 14 Sep 2022 18:47

Instrument :

BNA_N

ClientSampleId :

MW-50



Tgt Ion:264 Resp: 14170

Ion Ratio Lower Upper

264 100

260 26.3 20.6 31.0

265 46.9 34.4 51.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/15/2022

Supervised By :Jagrut Upadhyay 09/15/2022

