

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
 Data File : BN023720.D
 Acq On : 19 Jan 2023 16:09
 Operator : CG/JU
 Sample : 01221-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10-0118

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/20/2023
 Supervised By : Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 04:16:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 04:14:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	5397	0.400	ng	# 0.02
7) Naphthalene-d8	10.840	136	13375	0.400	ng	# 0.02
13) Acenaphthene-d10	14.666	164	27445	0.400	ng	# 0.02
19) Phenanthrene-d10	17.414	188	15326	0.400	ng	# 0.01
29) Chrysene-d12	21.607	240	12427	0.400	ng	# 0.02
35) Perylene-d12	24.103	264	11900	0.400	ng	0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.536	112	3324	0.293	ng	0.01
5) Phenol-d6	7.176	99	1565	0.116	ng	0.03
8) Nitrobenzene-d5	9.185	82	2085m	0.197	ng	0.02
11) 2-Methylnaphthalene-d10	12.424	152	4846m	0.262	ng	0.02
14) 2,4,6-Tribromophenol	16.161	330	1272	0.109	ng	0.01
15) 2-Fluorobiphenyl	13.298	172	7009	0.060	ng	0.02
27) Fluoranthene-d10	19.448	212	8985	0.250	ng	0.01
31) Terphenyl-d14	20.040	244	6925	0.353	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.362	88	2432	0.425	ng	# 1
9) Naphthalene	10.883	128	2114748	61.103	ng	100
12) 2-Methylnaphthalene	12.499	142	37311	1.533	ng	96
17) Acenaphthene	14.730	154	7373	0.094	ng	89
18) Fluorene	15.714	166	8041	0.073	ng	# 94
24) Pentachlorophenol	17.067	266	608	0.286	ng	97
25) Phenanthrene	17.452	178	10374	0.233	ng	# 78
26) Anthracene	17.551	178	8594	0.238	ng	# 44
34) Bis(2-ethylhexyl)phtha...	21.518	149	18420	1.045	ng	99

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

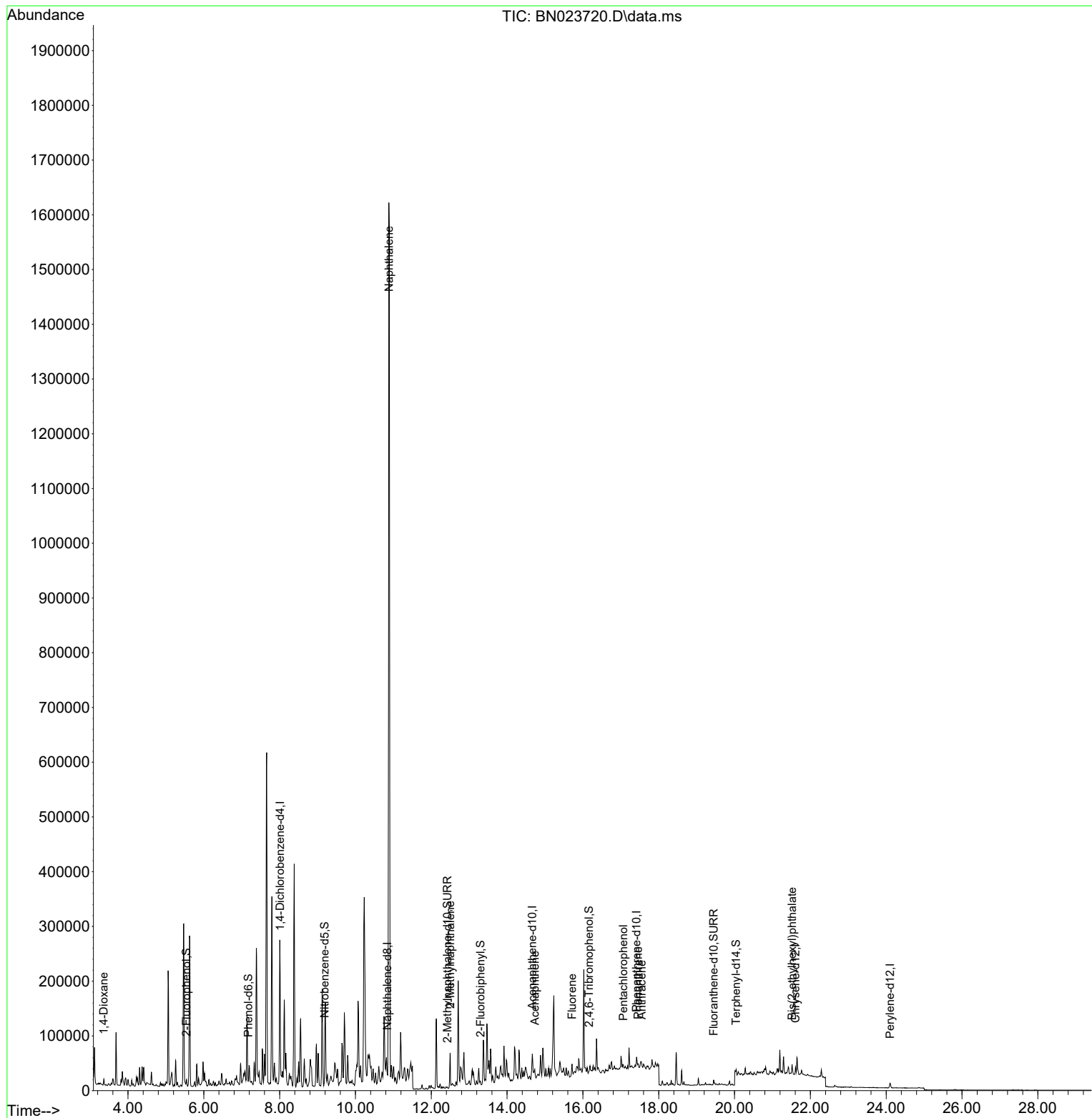
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
Data File : BN023720.D
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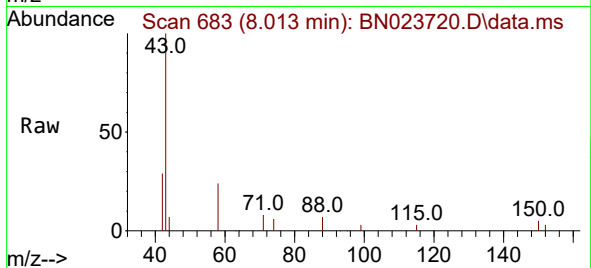
Quant Time: Jan 20 04:16:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 04:14:02 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.013 min Scan# 61
Delta R.T. 0.021 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

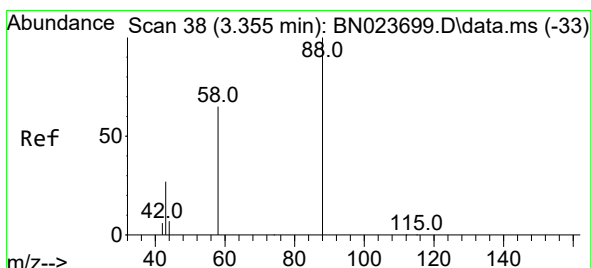
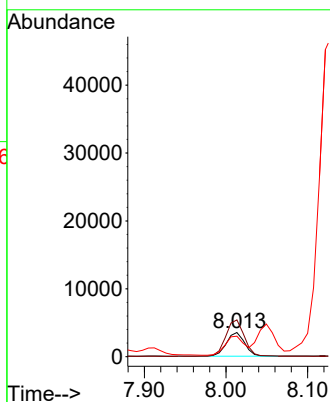
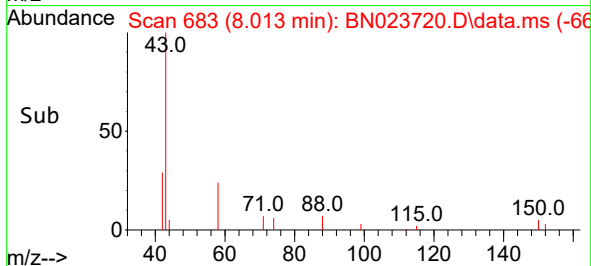
Instrument :
BNA_N
ClientSampleId :
MW-10-0118



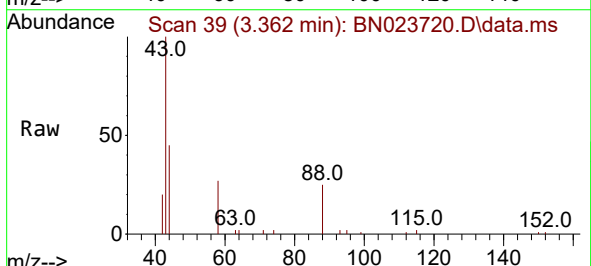
Tgt Ion: 152 Resp: 539
Ion Ratio Lower Upper
152 100
150 152.2 122.4 183.6
115 84.4 48.2 72.4

Manual Integrations
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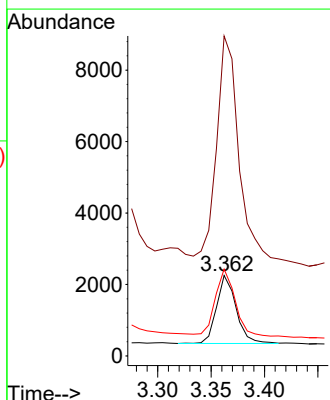
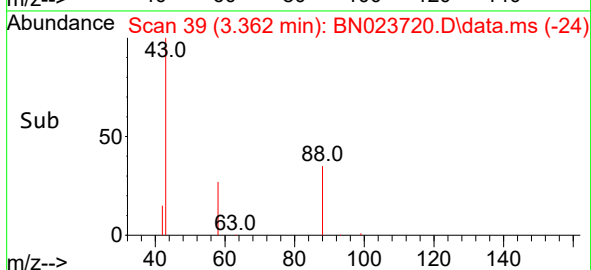
Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023

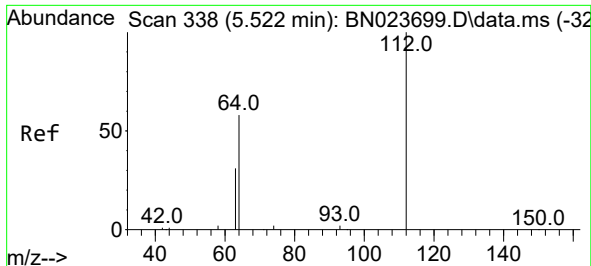


#2
1,4-Dioxane
Concen: 0.425 ng
RT: 3.362 min Scan# 39
Delta R.T. 0.007 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09



Tgt Ion: 88 Resp: 2432
Ion Ratio Lower Upper
88 100
43 360.5 26.8 40.2#
58 98.8 58.5 87.7#





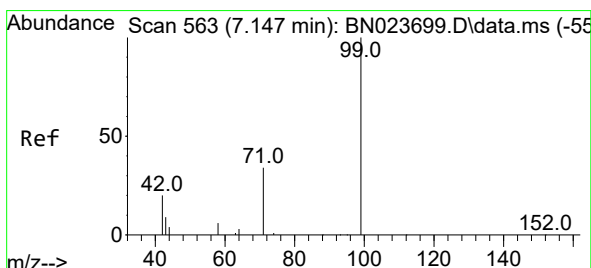
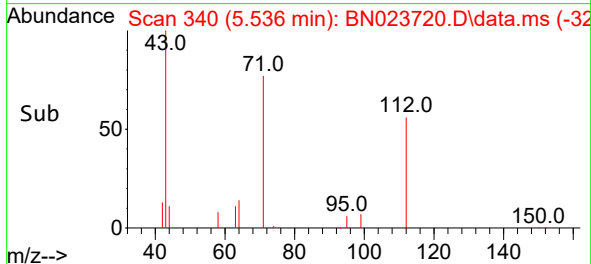
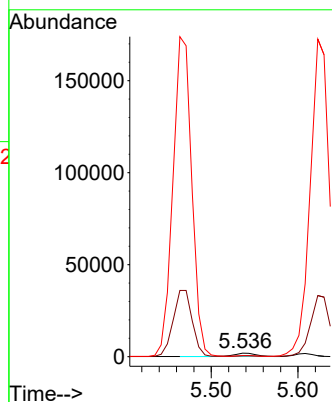
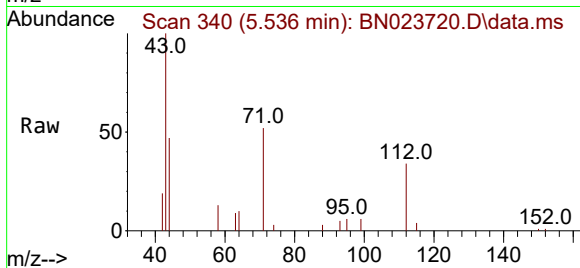
#4
2-Fluorophenol
Concen: 0.293 ng
RT: 5.536 min Scan# 340
Delta R.T. 0.014 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

Instrument :
BNA_N
ClientSampleId :
MW-10-0118

Tgt Ion: 112 Resp: 3324
Ion Ratio Lower Upper
112 100
64 0.0 45.8 68.8#
63 0.0 25.3 37.9#

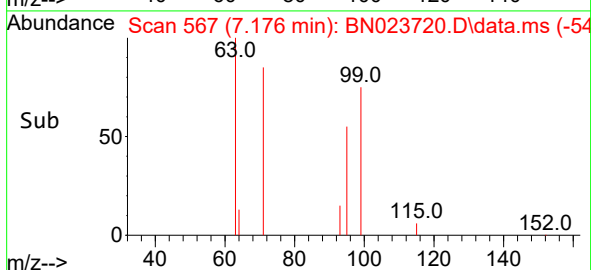
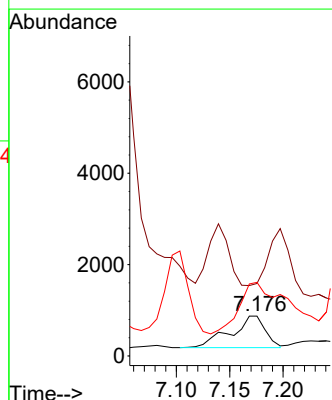
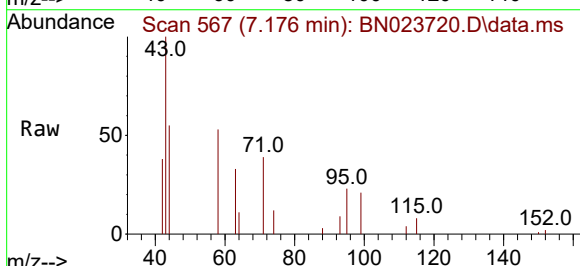
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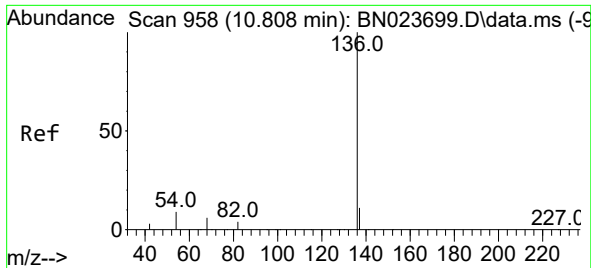
Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023



#5
Phenol-d6
Concen: 0.116 ng
RT: 7.176 min Scan# 567
Delta R.T. 0.029 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

Tgt Ion: 99 Resp: 1565
Ion Ratio Lower Upper
99 100
42 0.0 19.4 29.0#
71 235.9 28.7 43.1#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 90
Delta R.T. 0.021 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

Instrument :

BNA_N

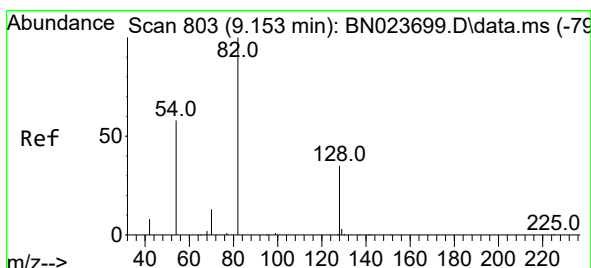
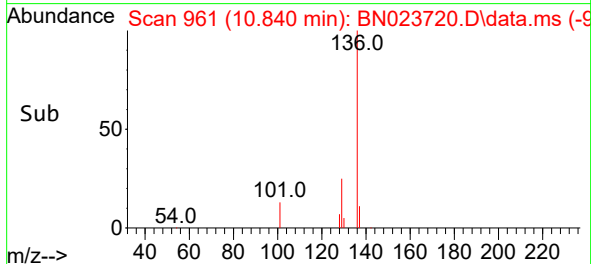
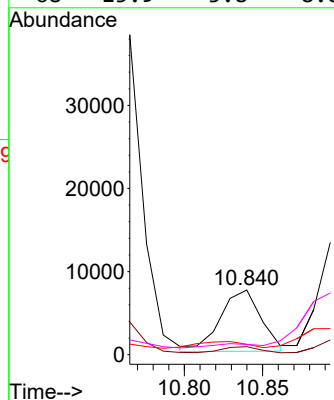
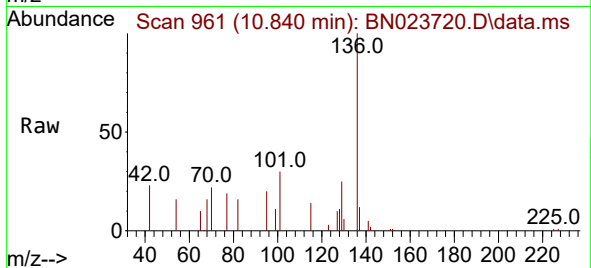
ClientSampleId :

MW-10-0118

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	16.1	7.5	11.3
68	15.9	5.8	8.8

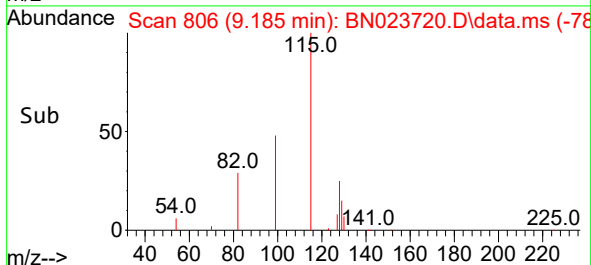
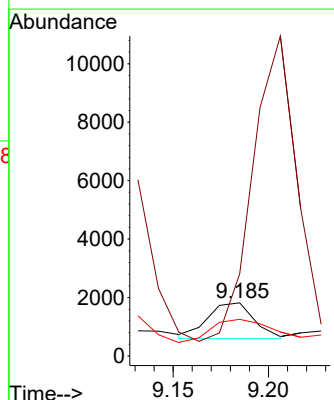
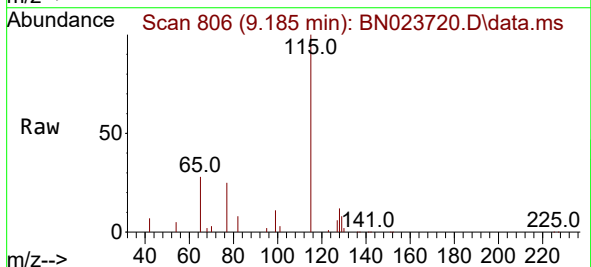
Manual Integrations
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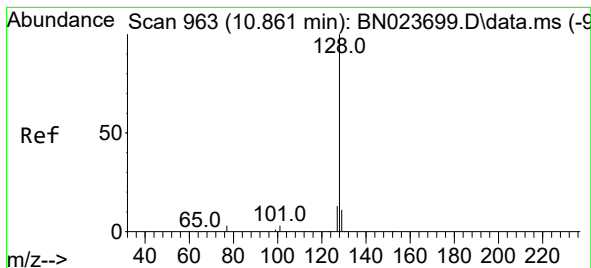
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#8
Nitrobenzene-d5
Concen: 0.197 ng m
RT: 9.185 min Scan# 806
Delta R.T. 0.021 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

Tgt Ion	Ratio	Lower	Upper
82	100		
128	154.8	30.2	45.2
54	69.1	47.3	70.9





#9

Naphthalene

Concen: 61.103 ng

RT: 10.883 min Scan# 965

Delta R.T. 0.021 min

Lab File: BN023720.D

Acq: 19 Jan 2023 16:09

Instrument :

BNA_N

ClientSampleId :

MW-10-0118

Tgt Ion:128 Resp: 211474

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

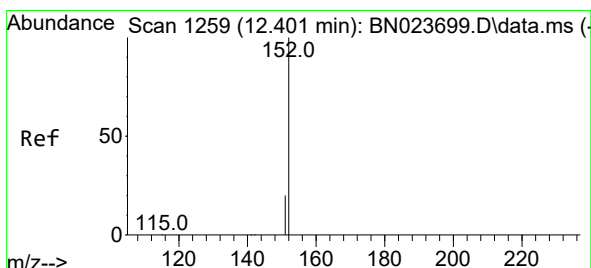
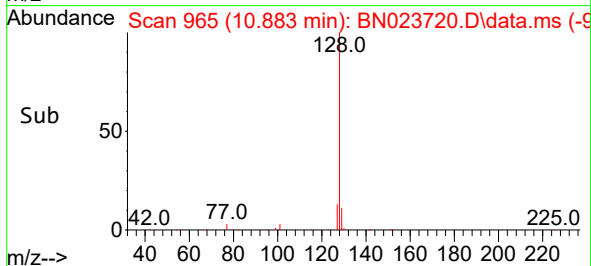
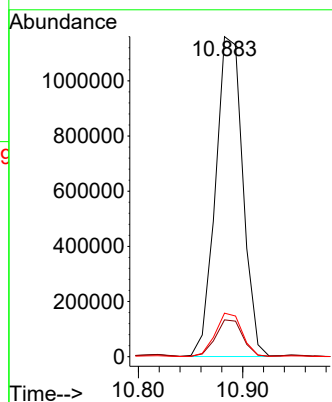
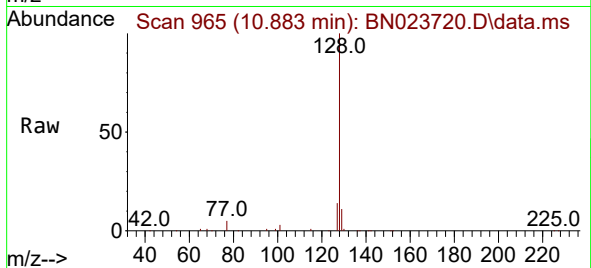
127 13.6 10.9 16.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#11

2-Methylnaphthalene-d10

Concen: 0.262 ng m

RT: 12.424 min Scan# 1265

Delta R.T. 0.019 min

Lab File: BN023720.D

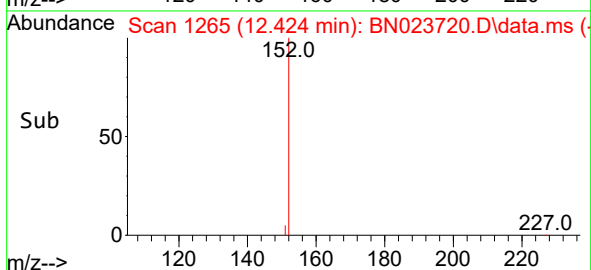
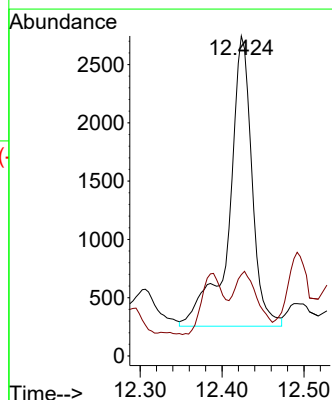
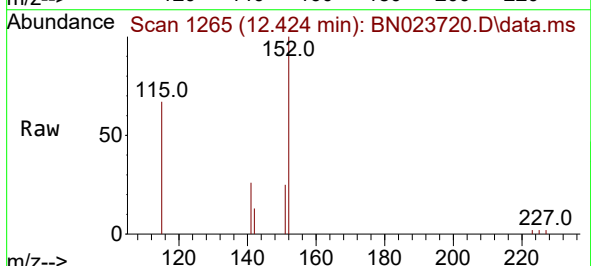
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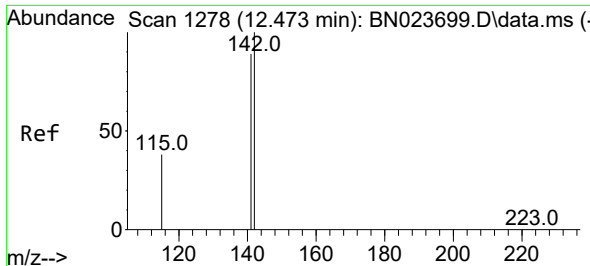
Tgt Ion:152 Resp: 4846

Ion Ratio Lower Upper

152 100

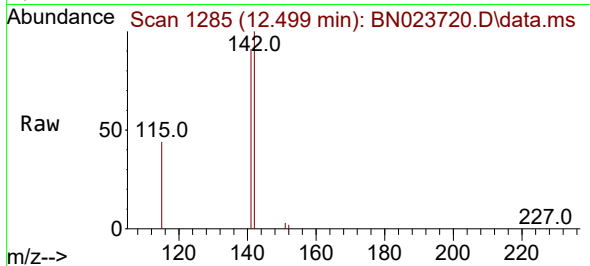
151 15.6 17.1 25.7#





#12
2-Methylnaphthalene
Concen: 1.533 ng
RT: 12.499 min Scan# 1285
Delta R.T. 0.019 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

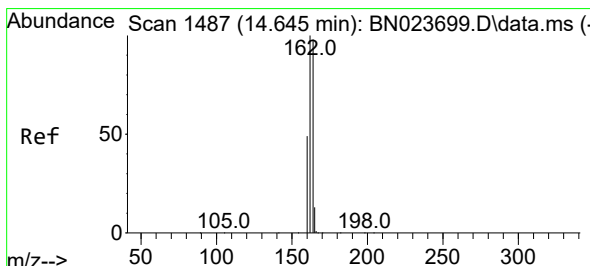
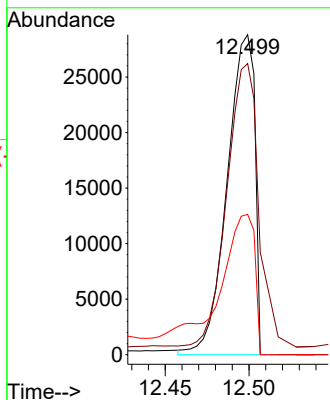
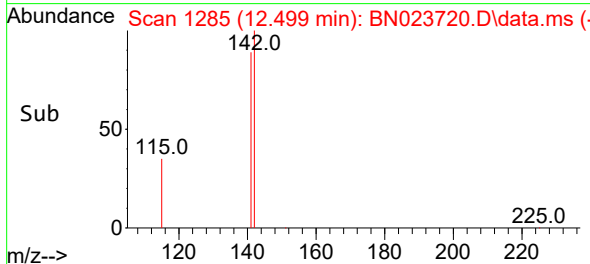
Instrument :
BNA_N
ClientSampleId :
MW-10-0118



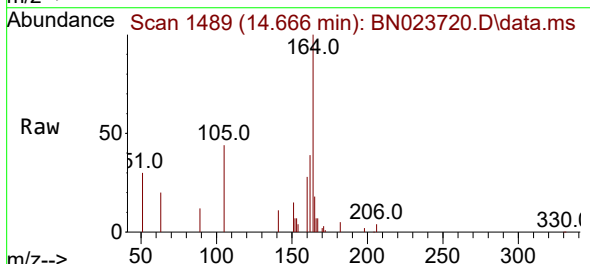
Tgt Ion:142 Resp: 3731
Ion Ratio Lower Upper
142 100
141 91.0 71.4 107.0
115 43.9 31.2 46.8

Manual Integrations
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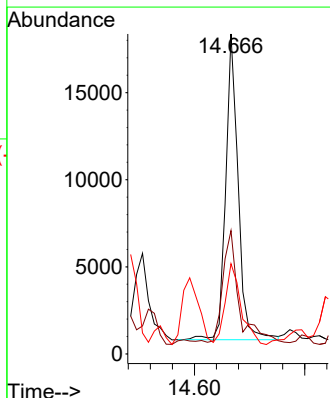
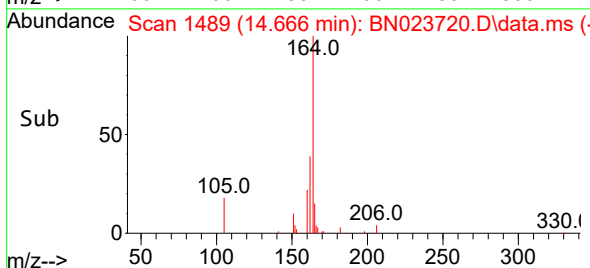
Reviewed By :Christian Giraldo 01/20/2023
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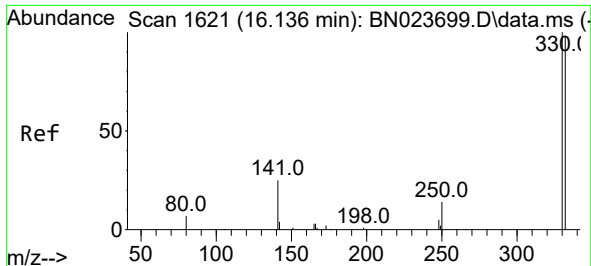


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.666 min Scan# 1489
Delta R.T. 0.021 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09



Tgt Ion:164 Resp: 27445
Ion Ratio Lower Upper
164 100
162 38.6 81.8 122.6#
160 28.2 40.3 60.5#





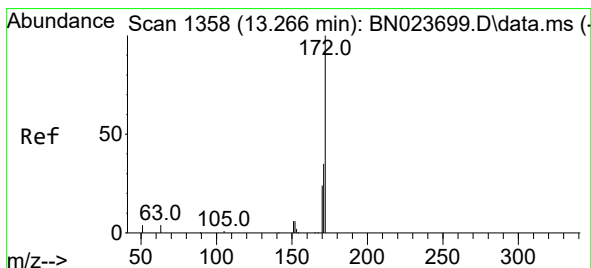
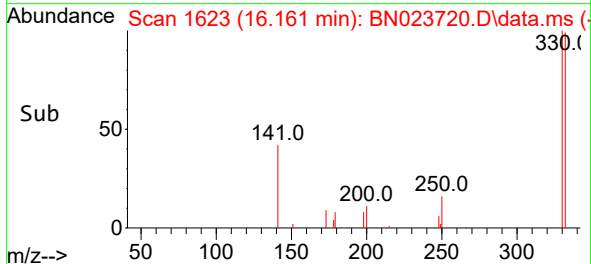
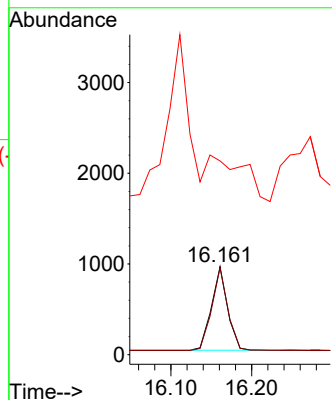
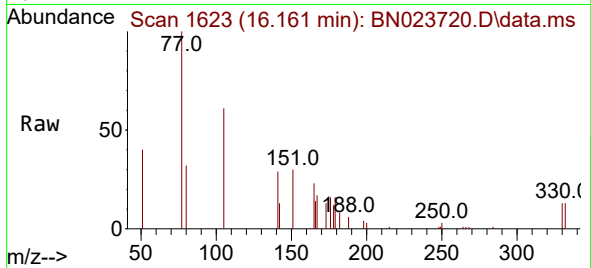
#14
2,4,6-Tribromophenol
Concen: 0.109 ng
RT: 16.161 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

Instrument :
BNA_N
ClientSampleId :
MW-10-0118

Tgt Ion:330 Resp: 127
Ion Ratio Lower Upper
330 100
332 98.8 77.6 116.4
141 0.0 35.0 52.4

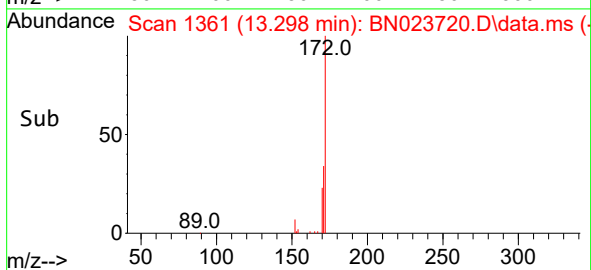
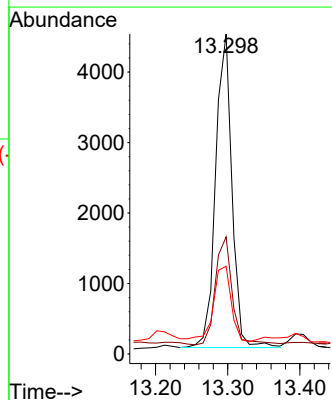
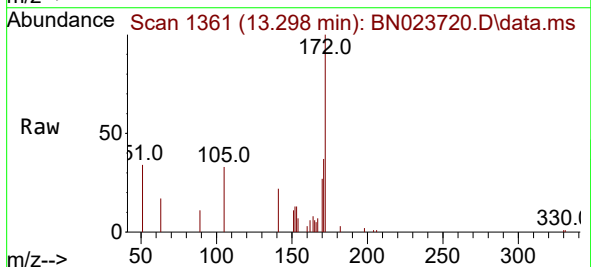
Manual Integrations
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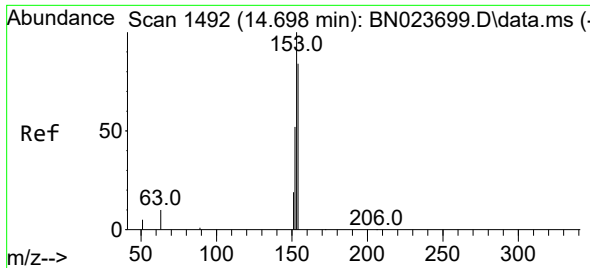
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#15
2-Fluorobiphenyl
Concen: 0.060 ng
RT: 13.298 min Scan# 1361
Delta R.T. 0.021 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

Tgt Ion:172 Resp: 7009
Ion Ratio Lower Upper
172 100
171 36.6 28.6 42.8
170 27.4 20.0 30.0





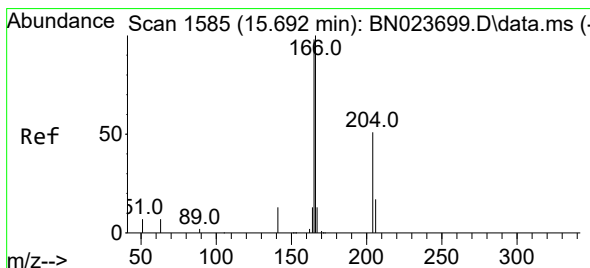
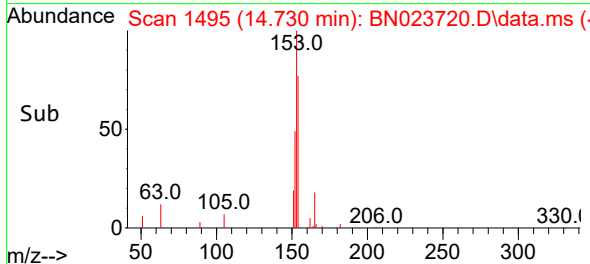
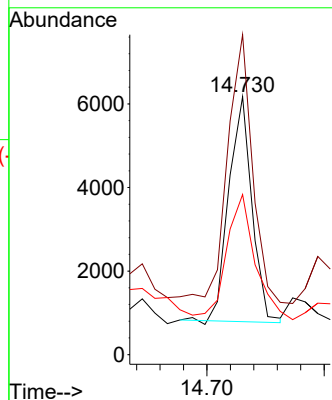
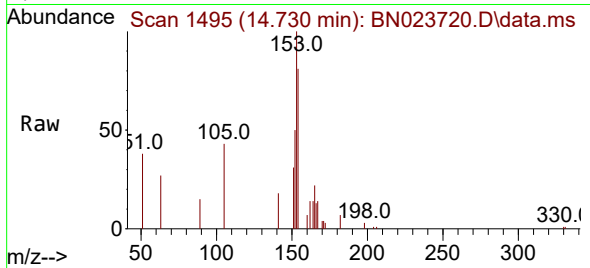
#17
Acenaphthene
Concen: 0.094 ng
RT: 14.730 min Scan# 1492
Delta R.T. 0.021 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

Instrument :
BNA_N
ClientSampleId :
MW-10-0118

Tgt Ion:154 Resp: 737
Ion Ratio Lower Upper
154 100
153 129.0 93.3 139.9
152 68.7 48.1 72.1

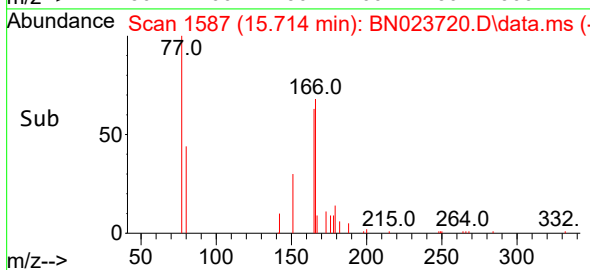
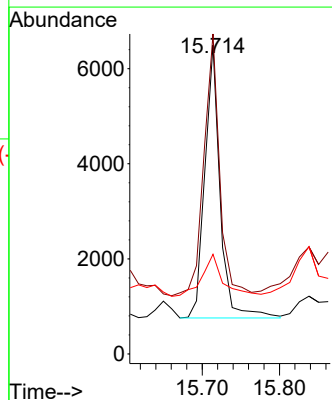
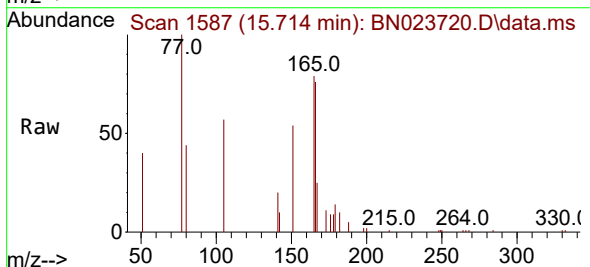
Manual Integrations
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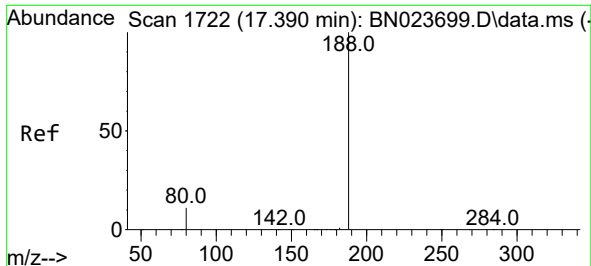
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#18
Fluorene
Concen: 0.073 ng
RT: 15.714 min Scan# 1587
Delta R.T. 0.021 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

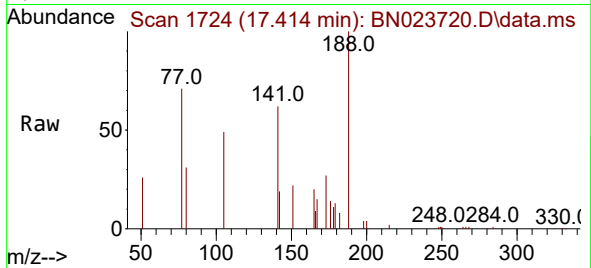
Tgt Ion:166 Resp: 8041
Ion Ratio Lower Upper
166 100
165 96.8 80.6 121.0
167 21.5 10.8 16.2#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.414 min Scan# 1724
Delta R.T. 0.012 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

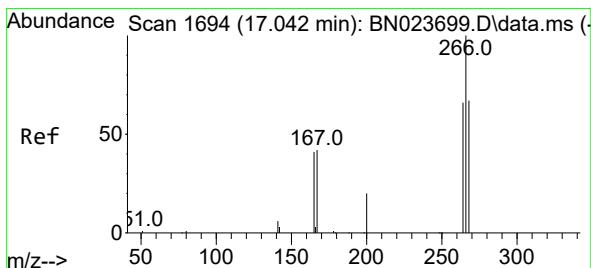
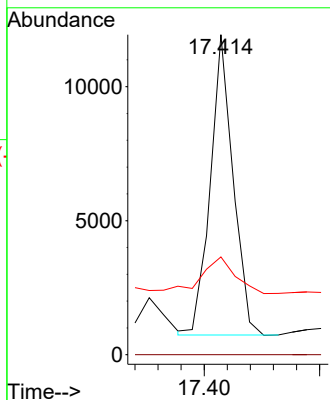
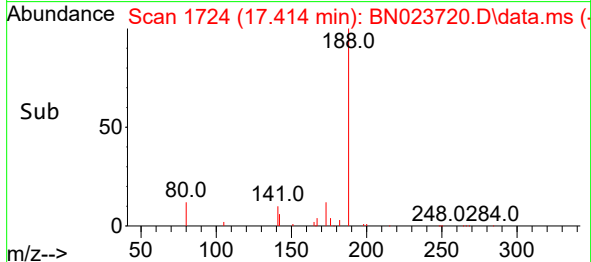
Instrument :
BNA_N
ClientSampleId :
MW-10-0118



Tgt Ion:188 Resp: 15320
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 30.5 9.5 14.3

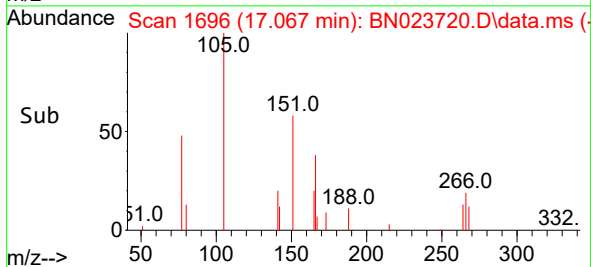
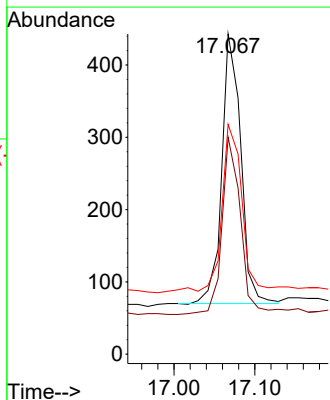
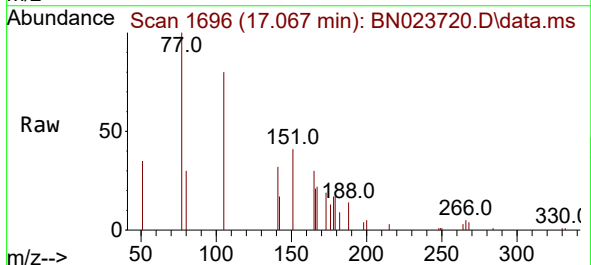
Manual Integrations
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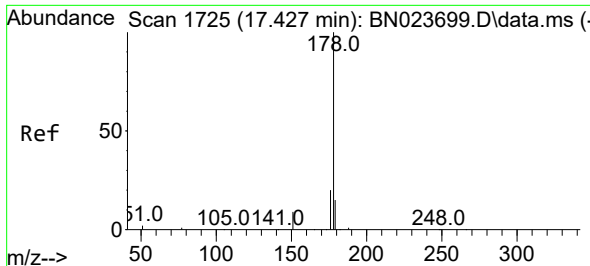
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#24
Pentachlorophenol
Concen: 0.286 ng
RT: 17.067 min Scan# 1696
Delta R.T. 0.012 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

Tgt Ion:266 Resp: 608
Ion Ratio Lower Upper
266 100
264 66.4 51.4 77.2
268 68.4 52.3 78.5





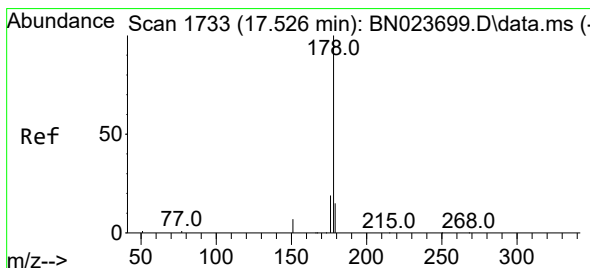
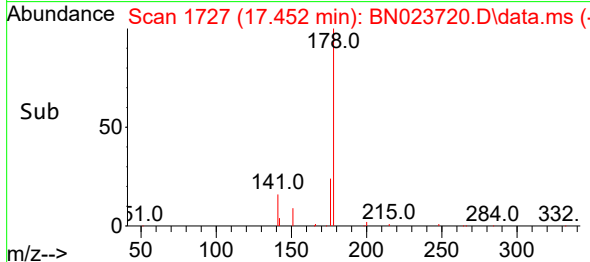
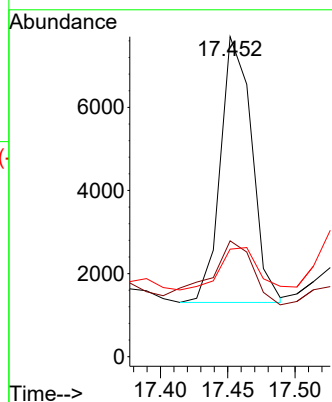
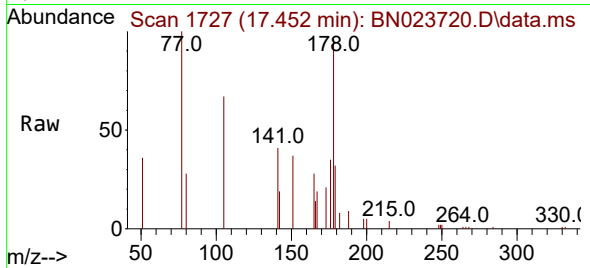
#25
Phenanthrene
Concen: 0.233 ng
RT: 17.452 min Scan# 1735
Delta R.T. 0.012 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

Instrument :
BNA_N
ClientSampleId :
MW-10-0118

Tgt Ion:178 Resp: 10374
Ion Ratio Lower Upper
178 100
176 33.9 15.5 23.3#
179 19.6 12.2 18.4#

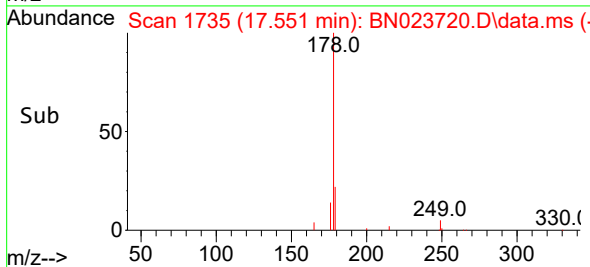
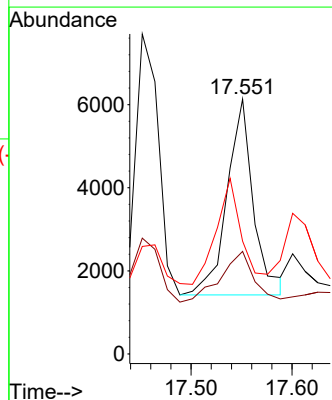
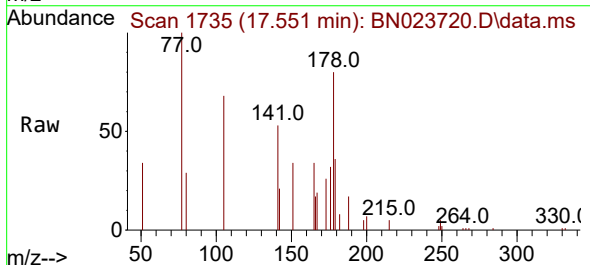
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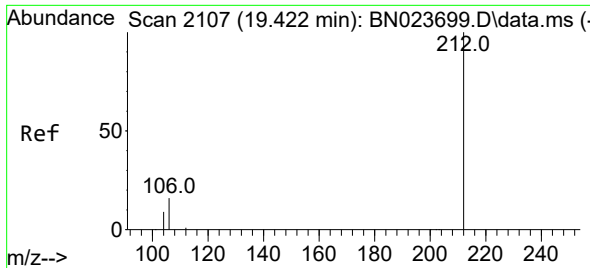
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#26
Anthracene
Concen: 0.238 ng
RT: 17.551 min Scan# 1735
Delta R.T. 0.025 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

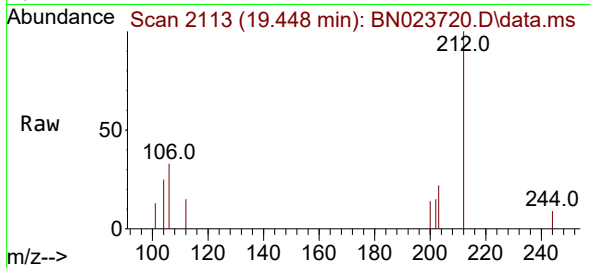
Tgt Ion:178 Resp: 8594
Ion Ratio Lower Upper
178 100
176 32.7 15.2 22.8#
179 51.8 12.0 18.0#





#27
Fluoranthene-d10
Concen: 0.250 ng
RT: 19.448 min Scan# 2113
Delta R.T. 0.013 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

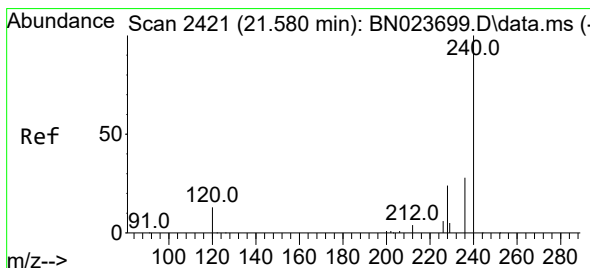
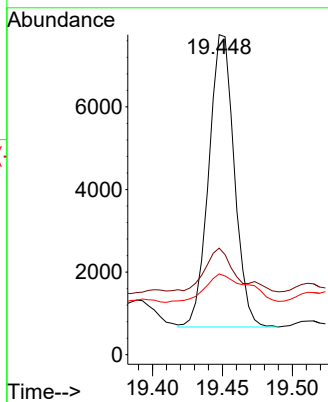
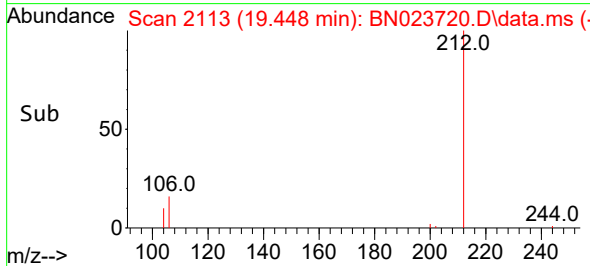
Instrument :
BNA_N
ClientSampleId :
MW-10-0118



Tgt Ion:212 Resp: 8985
Ion Ratio Lower Upper
212 100
106 20.0 12.4 18.6
104 16.1 7.1 10.7

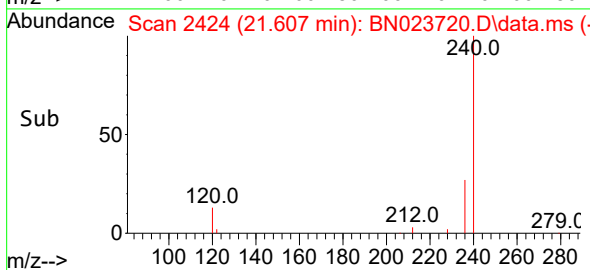
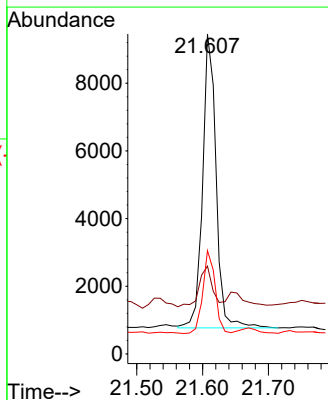
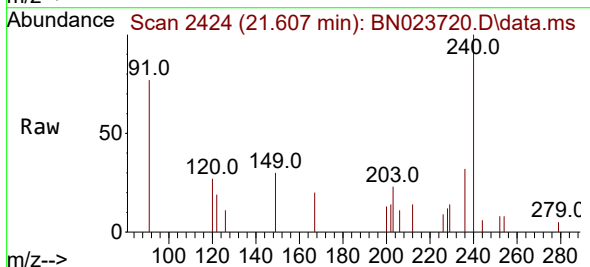
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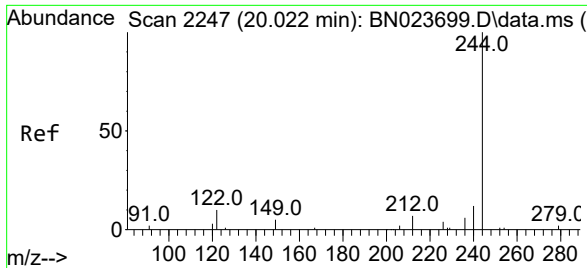
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.607 min Scan# 2424
Delta R.T. 0.018 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

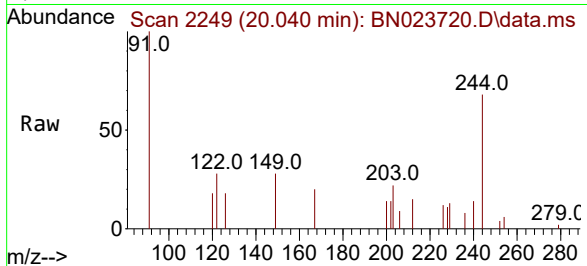
Tgt Ion:240 Resp: 12427
Ion Ratio Lower Upper
240 100
120 27.5 12.0 18.0
236 32.3 22.8 34.2





#31
Terphenyl-d14
Concen: 0.353 ng
RT: 20.040 min Scan# 2111
Delta R.T. 0.009 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

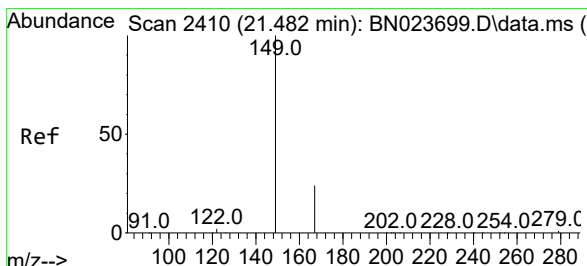
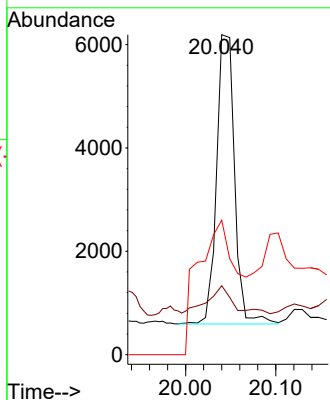
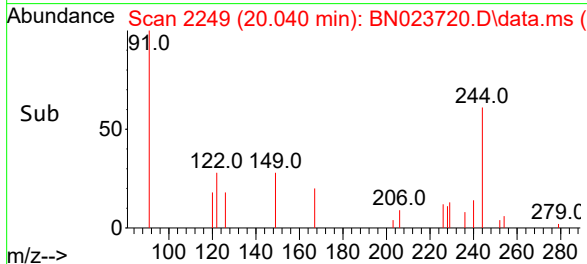
Instrument :
BNA_N
ClientSampleId :
MW-10-0118



Tgt Ion:244 Resp: 6925
Ion Ratio Lower Upper
244 100
212 21.5 6.5 9.7
122 42.1 7.6 11.4

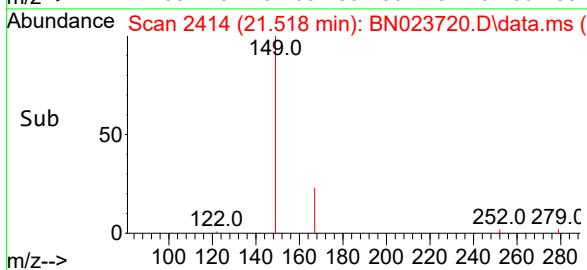
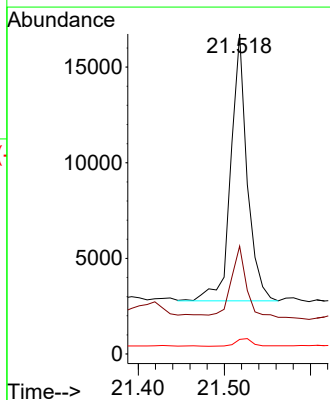
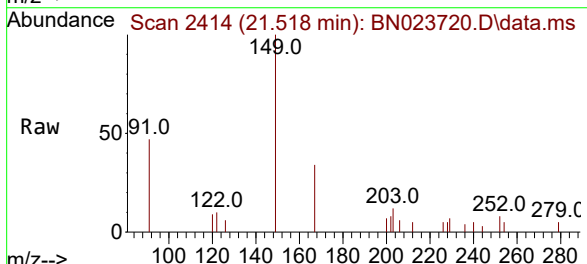
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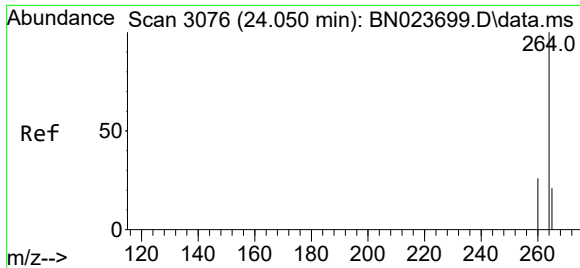
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#34
Bis(2-ethylhexyl)phthalate
Concen: 1.045 ng
RT: 21.518 min Scan# 2414
Delta R.T. 0.018 min
Lab File: BN023720.D
Acq: 19 Jan 2023 16:09

Tgt Ion:149 Resp: 18420
Ion Ratio Lower Upper
149 100
167 25.2 19.8 29.8
279 3.0 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.103 min Scan# 30

Delta R.T. 0.029 min

Lab File: BN023720.D

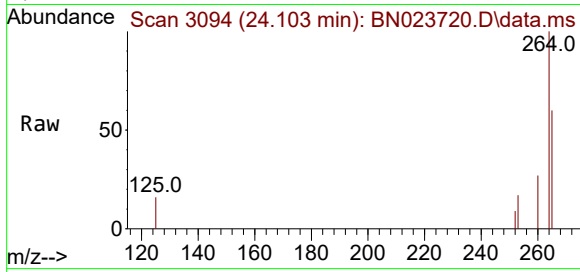
Acq: 19 Jan 2023 16:09

Instrument :

BNA_N

ClientSampleId :

MW-10-0118



Tgt Ion:264 Resp: 11900

Ion Ratio Lower Upper

264 100

260 27.4 21.0 31.6

265 60.0 49.9 74.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023

