

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080223\
 Data File : BN026791.D
 Acq On : 02 Aug 2023 10:16
 Operator : MA/JU
 Sample : 03709-05MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-04-400-415-072023MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 03 00:44:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 00:35:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	8930	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	25151	0.400	ng	-0.01
13) Acenaphthene-d10	14.737	164	11341	0.400	ng	-0.01
19) Phenanthrene-d10	17.480	188	20219	0.400	ng	#-0.01
29) Chrysene-d12	21.659	240	11588	0.400	ng	#-0.02
35) Perylene-d12	24.218	264	9769	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.625	112	2984	0.132	ng	0.00
5) Phenol-d6	7.236	99	2247	0.077	ng	0.00
8) Nitrobenzene-d5	9.294	82	5941	0.399	ng	-0.01
11) 2-Methylnaphthalene-d10	12.513	152	12611m	0.350	ng	-0.01
14) 2,4,6-Tribromophenol	16.226	330	1139	0.295	ng	0.00
15) 2-Fluorobiphenyl	13.368	172	18492	0.399	ng	-0.01
27) Fluoranthene-d10	19.504	212	15327	0.316	ng	0.00
31) Terphenyl-d14	20.094	244	13403	0.555	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.487	88	38540	3.697	ng	98
3) n-Nitrosodimethylamine	3.819	42	1898	0.163	ng	# 93
6) bis(2-Chloroethyl)ether	7.539	93	9165	0.347	ng	99
9) Naphthalene	10.992	128	24707	0.357	ng	100
10) Hexachlorobutadiene	11.237	225	4269	0.340	ng	# 99
12) 2-Methylnaphthalene	12.589	142	15262	0.323	ng	98
16) Acenaphthylene	14.469	152	19531	0.348	ng	100
17) Acenaphthene	14.801	154	12534	0.356	ng	98
18) Fluorene	15.780	166	15244	0.333	ng	100
20) 4,6-Dinitro-2-methylph...	16.934	198	119	0.364	ng	# 1
21) 4-Bromophenyl-phenylether	16.673	248	4594	0.376	ng	# 92
22) Hexachlorobenzene	16.748	284	5405	0.387	ng	100
23) Atrazine	16.934	200	2857	0.354	ng	# 82
24) Pentachlorophenol	17.108	266	2822	0.787	ng	99
25) Phenanthrene	17.530	178	24315	0.396	ng	100
26) Anthracene	17.617	178	20233	0.369	ng	99
28) Fluoranthene	19.537	202	23474	0.343	ng	99
30) Pyrene	19.899	202	24035	0.480	ng	100
32) Benzo(a)anthracene	21.650	228	16750	0.421	ng	99
33) Chrysene	21.704	228	17270	0.393	ng	99
34) Bis(2-ethylhexyl)phtha...	21.551	149	9474	0.719	ng	99
36) Indeno(1,2,3-cd)pyrene	26.922	276	14977	0.376	ng	100
37) Benzo(b)fluoranthene	23.426	252	15375	0.400	ng	97
38) Benzo(k)fluoranthene	23.481	252	14972	0.379	ng	# 96
39) Benzo(a)pyrene	24.104	252	11963	0.341	ng	96
40) Dibenzo(a,h)anthracene	26.954	278	11533	0.372	ng	95
41) Benzo(g,h,i)perylene	27.764	276	14274	0.389	ng	97

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

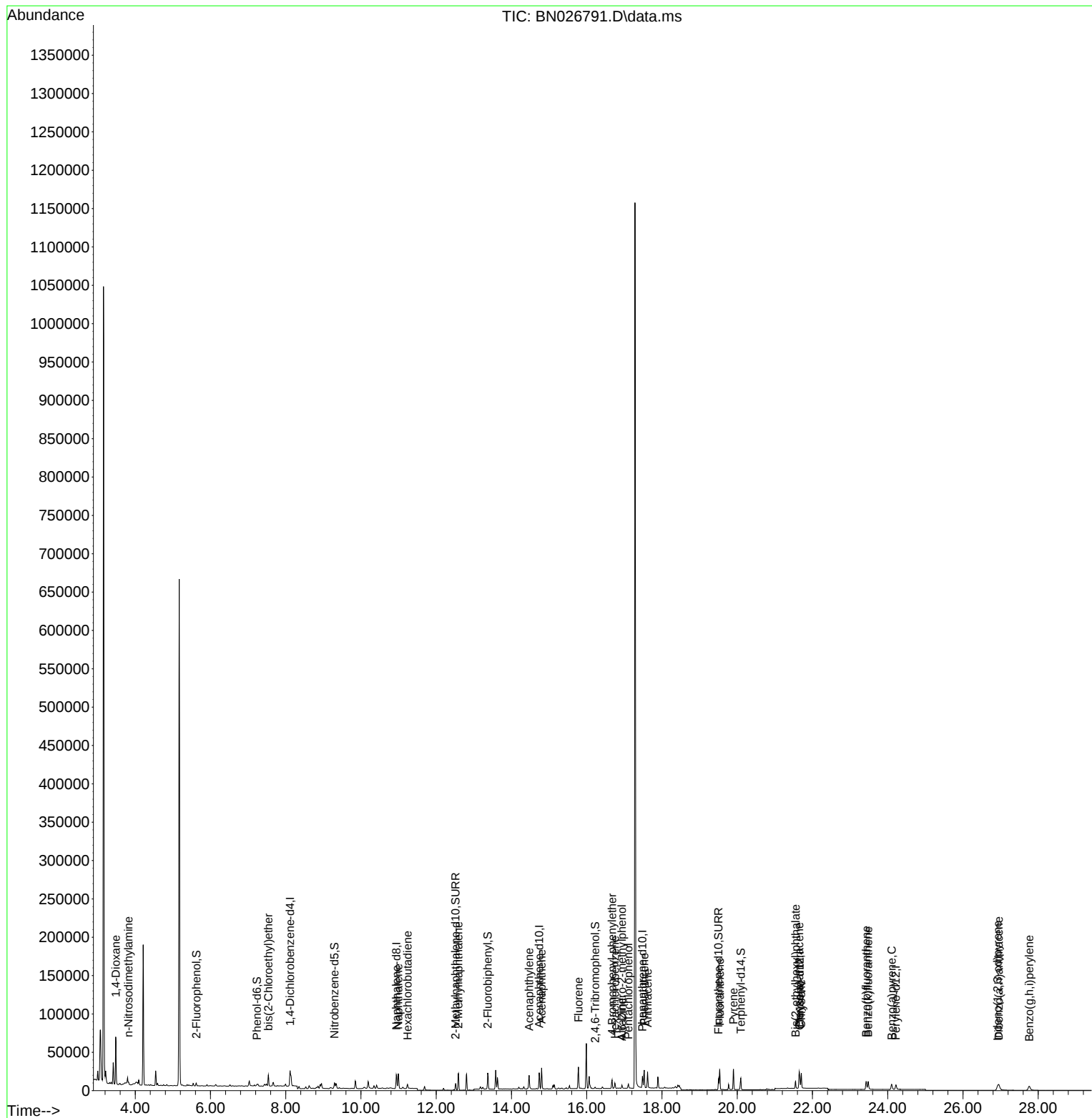
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080223\
Data File : BN026791.D
Acq On : 02 Aug 2023 10:16
Operator : MA/JU
Sample : 03709-05MSD
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Supervised By :mohammad ahmed 08/03/2023

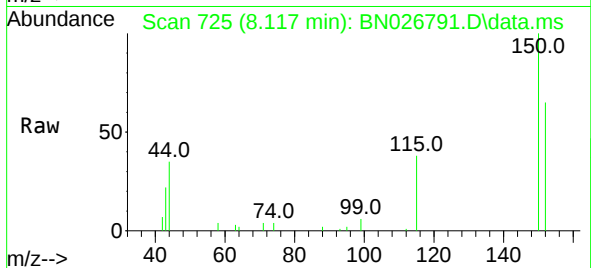
Quant Time: Aug 03 00:44:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:35:47 2023
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.117 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN026791.D
 Acq: 02 Aug 2023 10:16

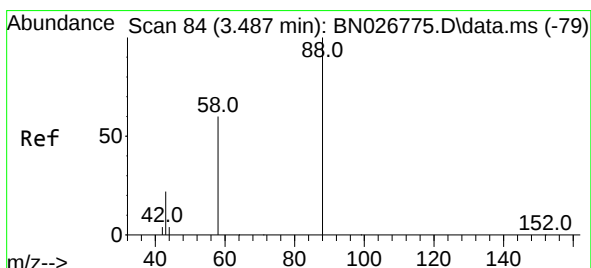
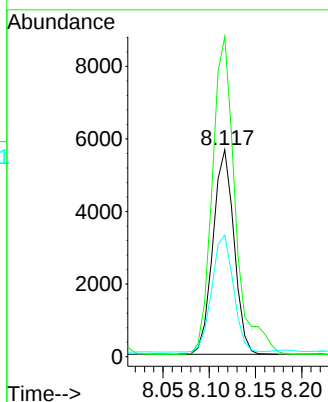
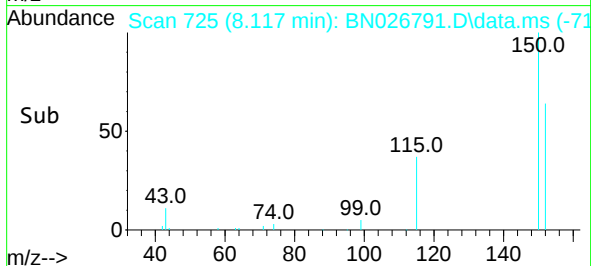
Instrument : BNA_N
 ClientSampleId : GWBR-04-400-415-072023MSD



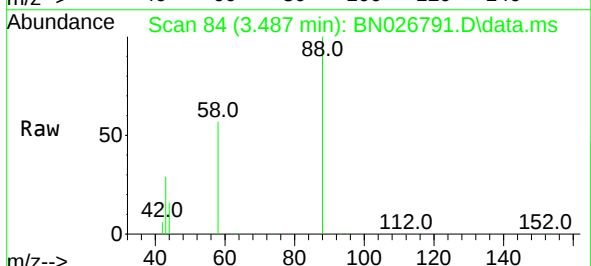
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 Ion Ratio Lower Upper
 152 100
 150 154.7 123.8 185.8
 115 58.8 48.0 72.0

Manual Integrations
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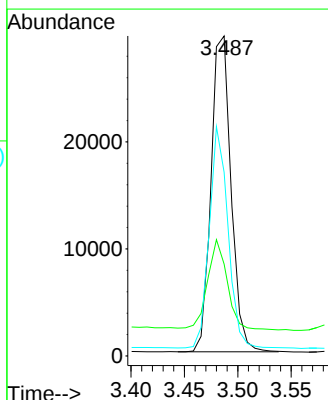
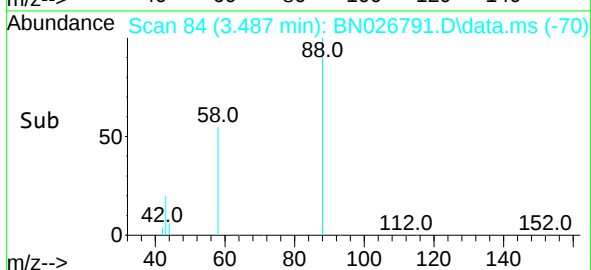
Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

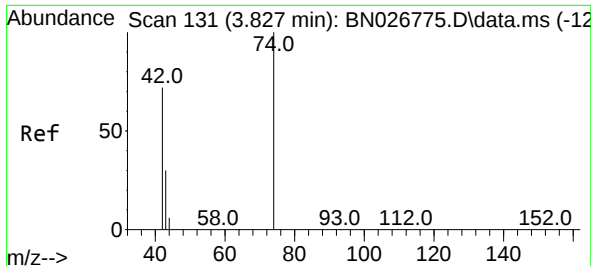


#2
 1,4-Dioxane
 Concen: 3.697 ng
 RT: 3.487 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BN026791.D
 Acq: 02 Aug 2023 10:16



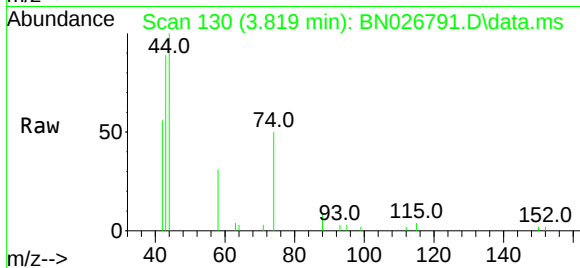
Tgt Ion: 88 Resp: 38540
 Ion Ratio Lower Upper
 88 100
 43 28.3 21.7 32.5
 58 65.3 53.3 79.9





#3
n-Nitrosodimethylamine
Concen: 0.163 ng
RT: 3.819 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

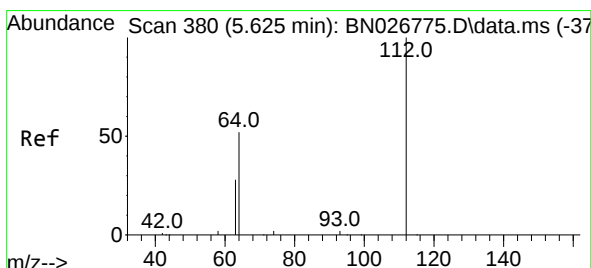
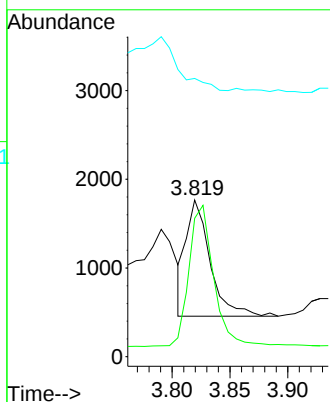
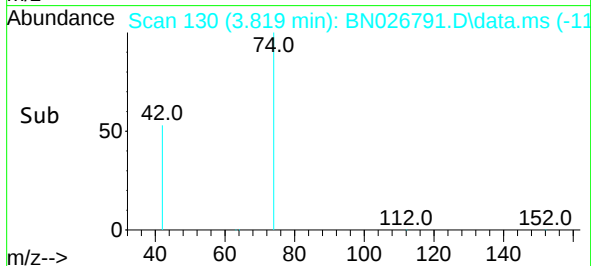
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 42 Resp: 1898
Ion Ratio Lower Upper
42 100
74 125.9 106.4 159.6
44 0.0 7.3 10.9

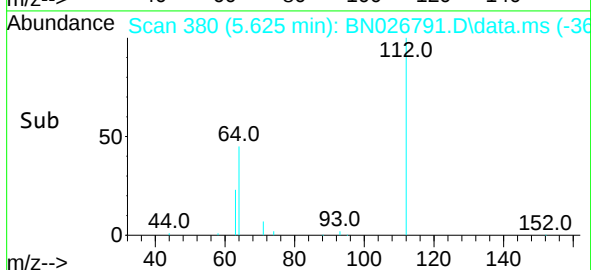
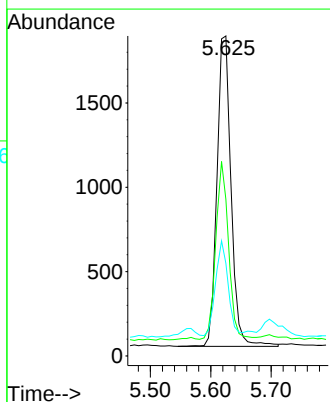
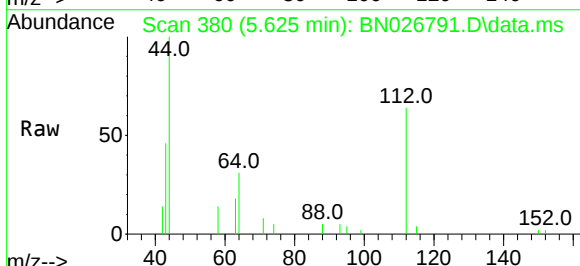
Manual Integrations
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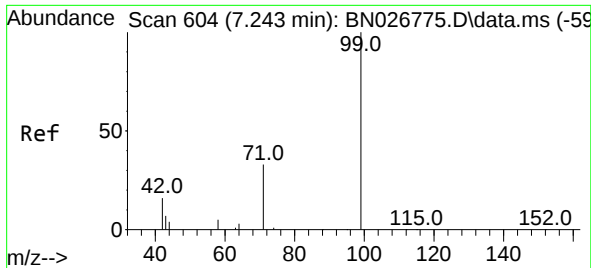
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.625 min Scan# 380
Delta R.T. 0.000 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

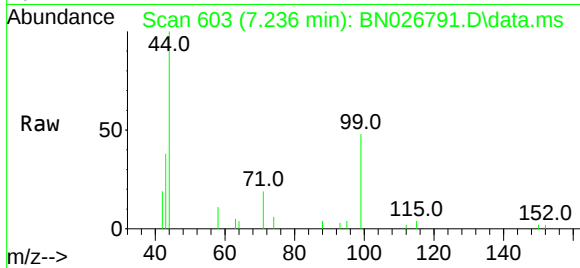
Tgt Ion:112 Resp: 2984
Ion Ratio Lower Upper
112 100
64 51.4 42.2 63.2
63 27.1 22.7 34.1





#5
Phenol-d6
Concen: 0.077 ng
RT: 7.236 min Scan# 604
Delta R.T. -0.007 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

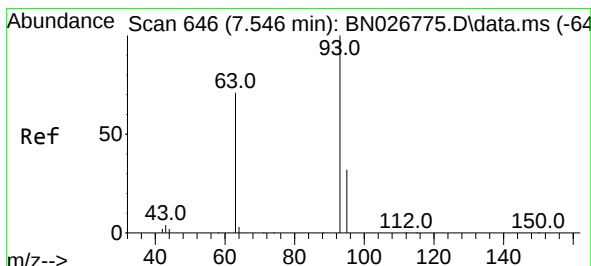
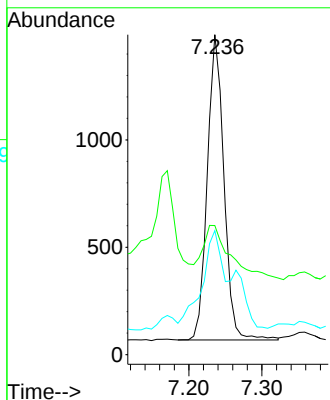
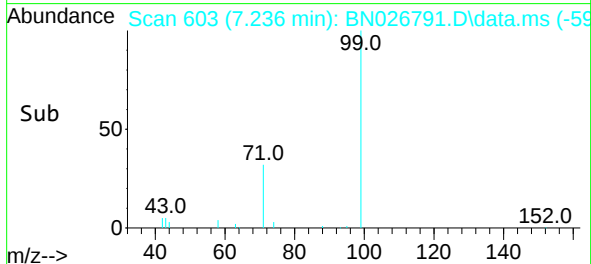
Instrument : BNA_N
ClientSampleId : GWBR-04-400-415-072023MSD



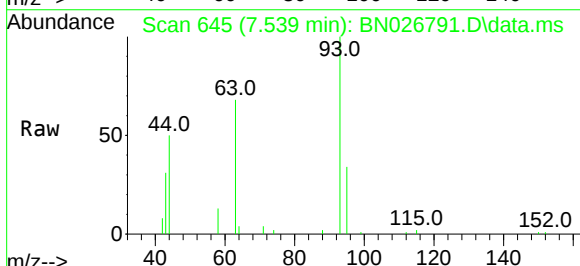
Tgt Ion: 99 Resp: 224
Ion Ratio Lower Upper
99 100
42 29.8 14.6 22.0
71 39.2 26.6 40.0

Manual Integrations
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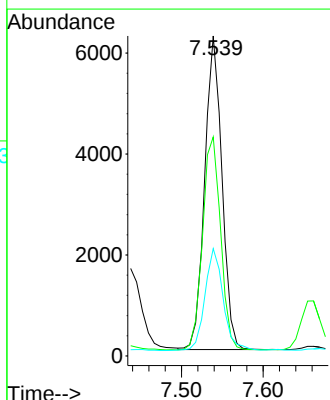
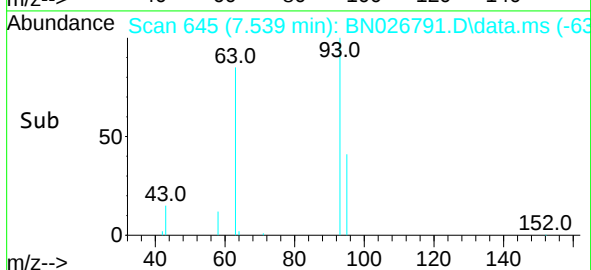
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

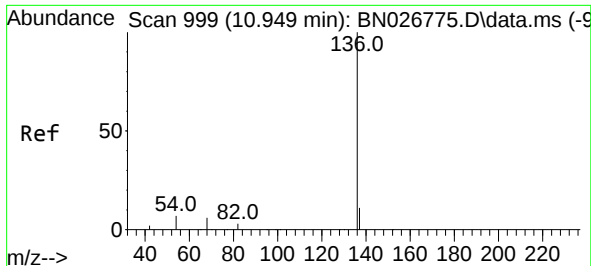


#6
bis(2-Chloroethyl)ether
Concen: 0.347 ng
RT: 7.539 min Scan# 645
Delta R.T. -0.007 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16



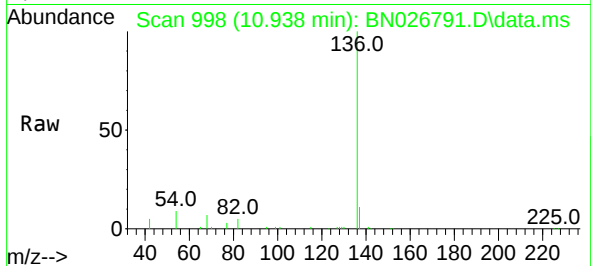
Tgt Ion: 93 Resp: 9165
Ion Ratio Lower Upper
93 100
63 70.8 56.7 85.1
95 34.3 25.9 38.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 999
Delta R.T. -0.011 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

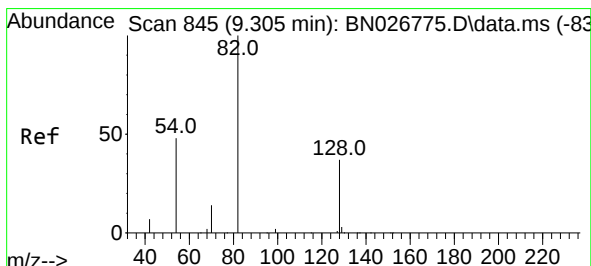
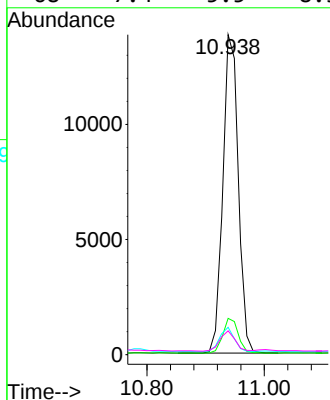
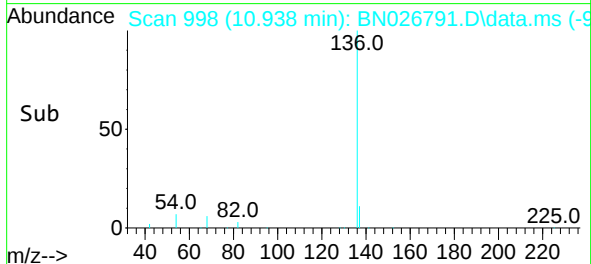
Instrument : BNA_N
ClientSampleId : GWBR-04-400-415-072023MSD



Tgt Ion:136	Resp:	2515
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.4
54	8.6	6.2 9.2
68	7.4	5.5 8.3

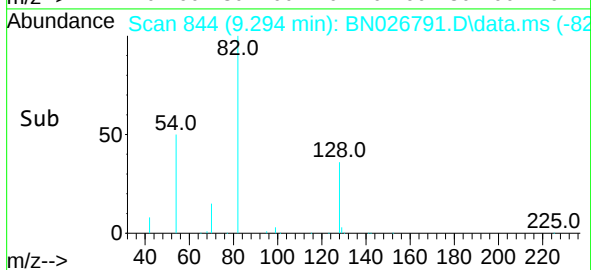
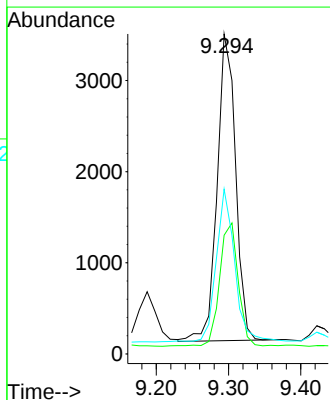
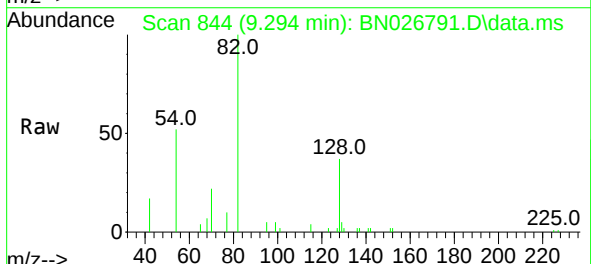
Manual Integrations
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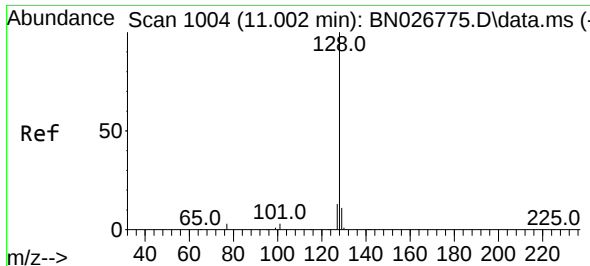
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 9.294 min Scan# 844
Delta R.T. -0.011 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

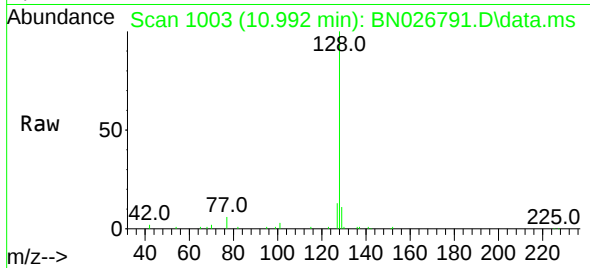
Tgt Ion: 82	Resp:	5941
Ion Ratio	Lower	Upper
82	100	
128	37.1	30.5 45.7
54	51.5	39.4 59.2





#9
Naphthalene
Concen: 0.357 ng
RT: 10.992 min Scan# 1003
Delta R.T. -0.011 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

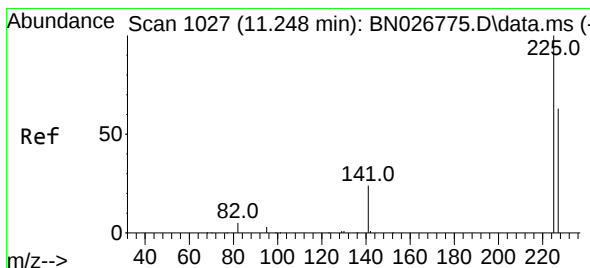
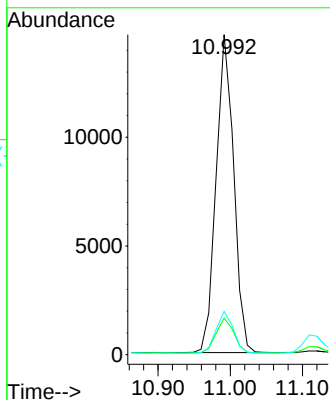
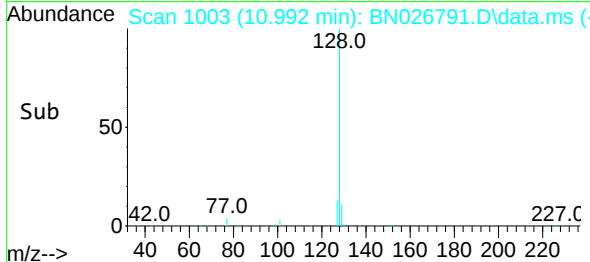
Instrument :
BNA_N
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Tgt Ion:128 Resp: 2470
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.5 10.6 16.0

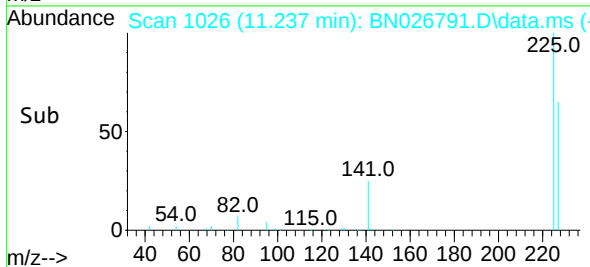
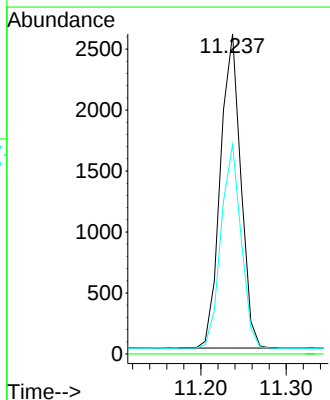
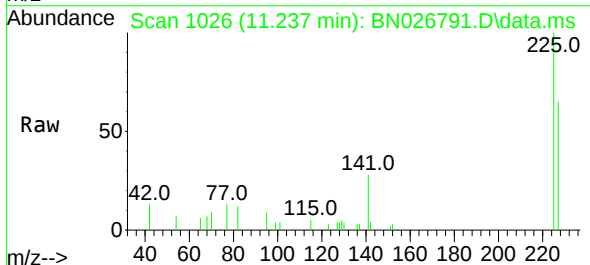
Manual Integrations
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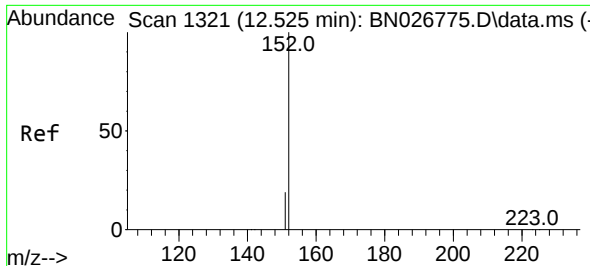
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#10
Hexachlorobutadiene
Concen: 0.340 ng
RT: 11.237 min Scan# 1026
Delta R.T. -0.011 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

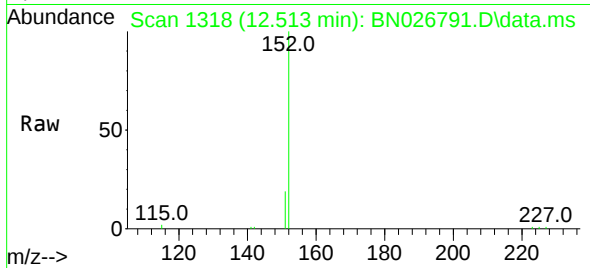
Tgt Ion:225 Resp: 4269
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.0 50.5 75.7





#11
2-Methylnaphthalene-d10
Concen: 0.350 ng m
RT: 12.513 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

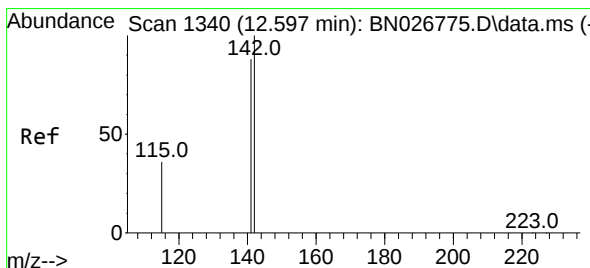
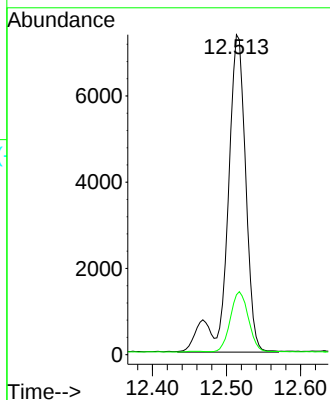
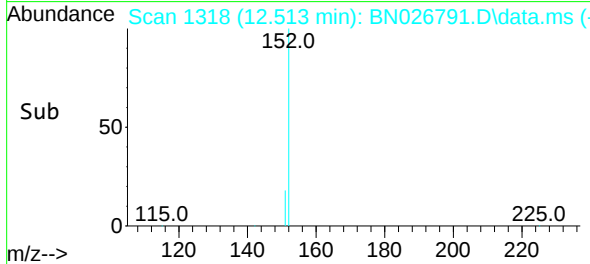
Instrument :
BNA_N
ClientSampleId :
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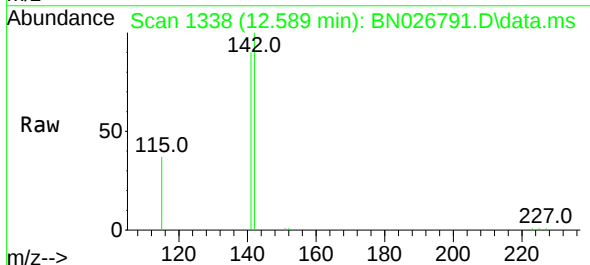
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Ion Ratio Lower Upper
152 100
151 18.8 16.5 24.7

Manual Integrations
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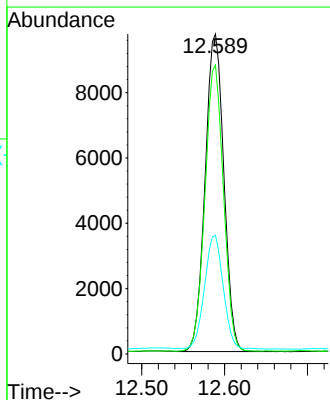
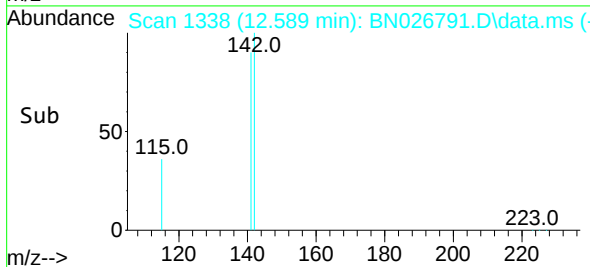
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

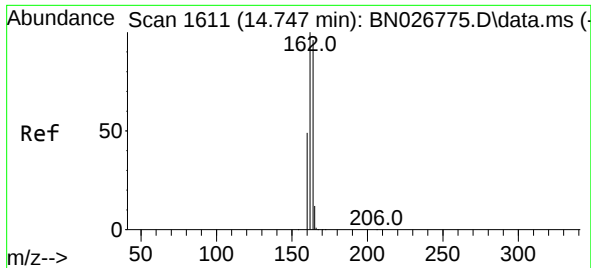


#12
2-Methylnaphthalene
Concen: 0.323 ng
RT: 12.589 min Scan# 1338
Delta R.T. -0.008 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16



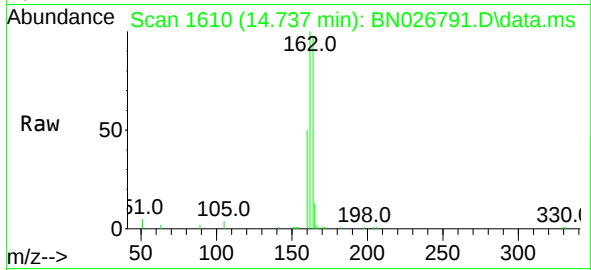
Tgt Ion:142 Resp: 15262
Ion Ratio Lower Upper
142 100
141 90.3 70.3 105.5
115 37.1 29.2 43.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.737 min Scan# 1610
Delta R.T. -0.011 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

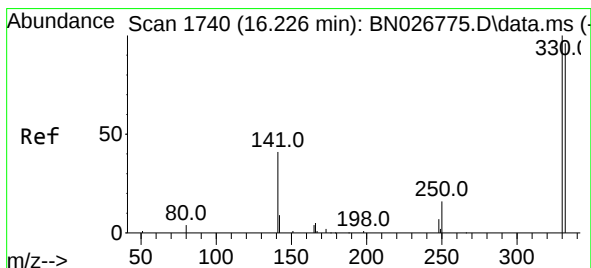
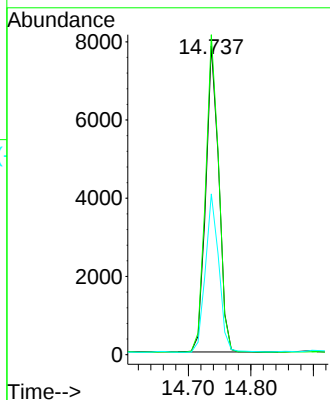
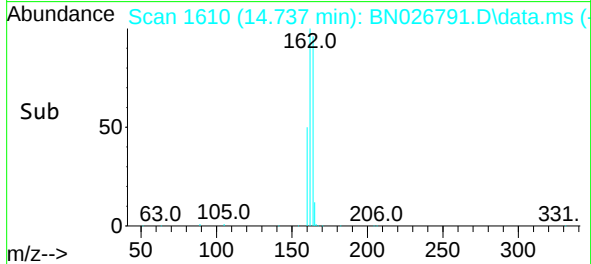
Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD



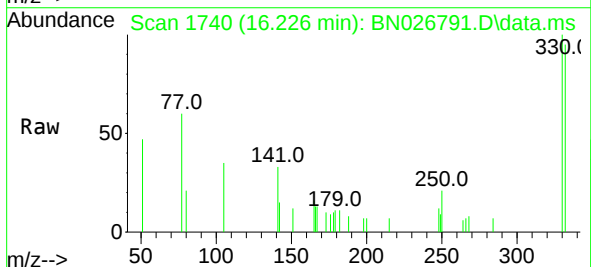
Tgt Ion:164 Resp: 1134
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.6
160 52.0 40.8 61.2

Manual Integrations
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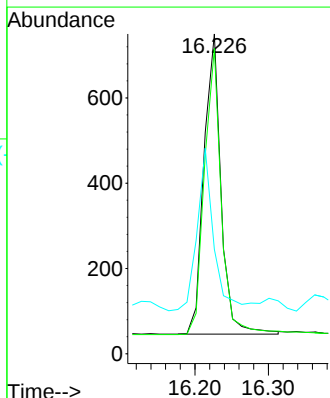
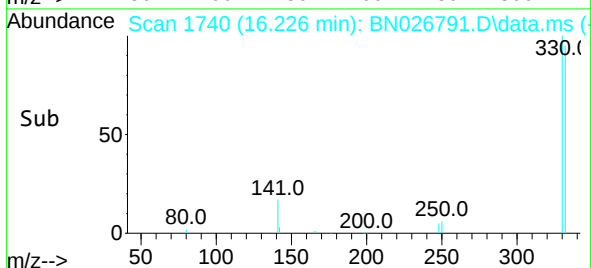
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

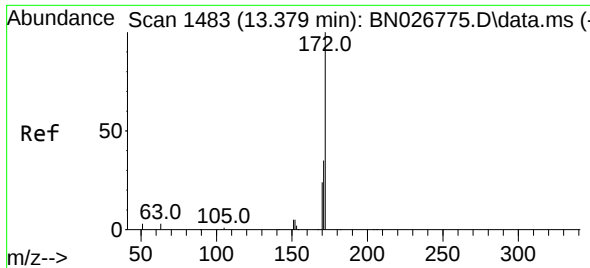


#14
2,4,6-Tribromophenol
Concen: 0.295 ng
RT: 16.226 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16



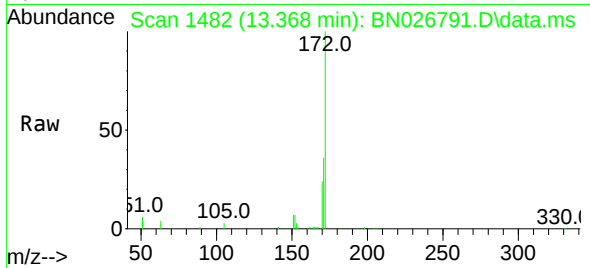
Tgt Ion:330 Resp: 1139
Ion Ratio Lower Upper
330 100
332 93.5 77.8 116.6
141 51.5 34.8 52.2





#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.368 min Scan# 1482
Delta R.T. -0.011 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

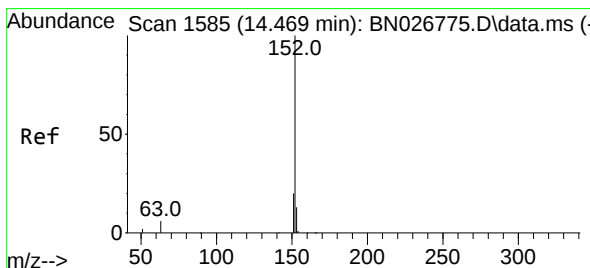
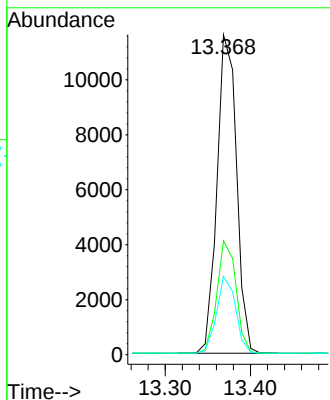
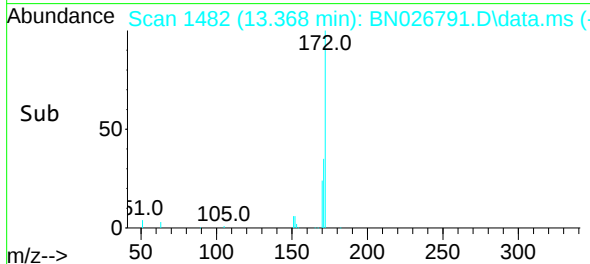
Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD



Tgt Ion:172 Resp: 18492
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 24.4 19.2 28.8

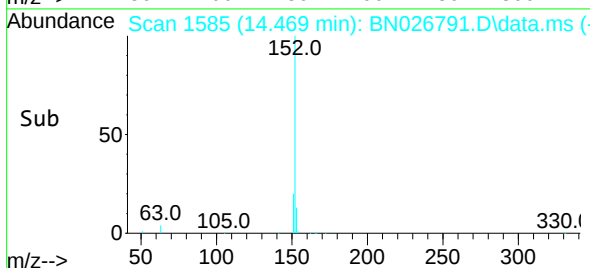
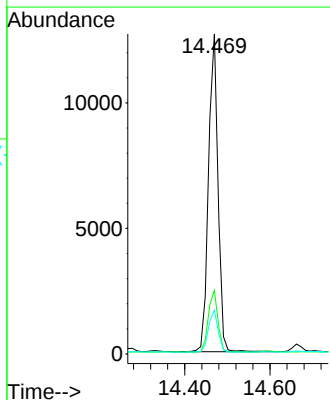
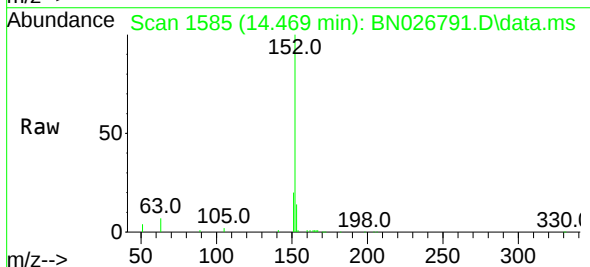
Manual Integrations
APPROVED

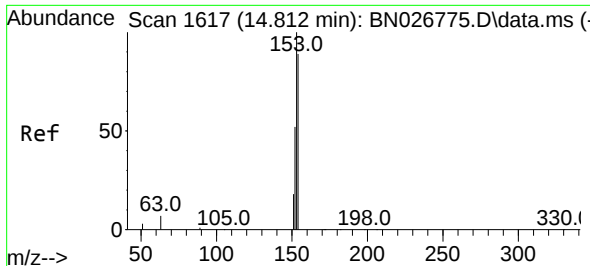
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#16
Acenaphthylene
Concen: 0.348 ng
RT: 14.469 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

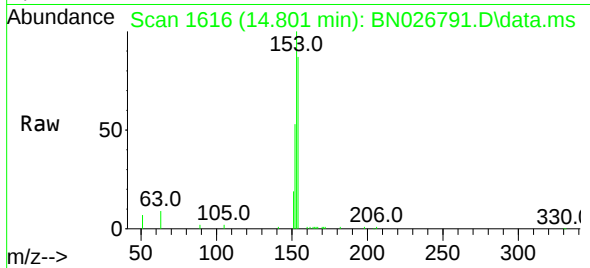
Tgt Ion:152 Resp: 19531
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.3 10.5 15.7





#17
Acenaphthene
Concen: 0.356 ng
RT: 14.801 min Scan# 1616
Delta R.T. -0.011 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

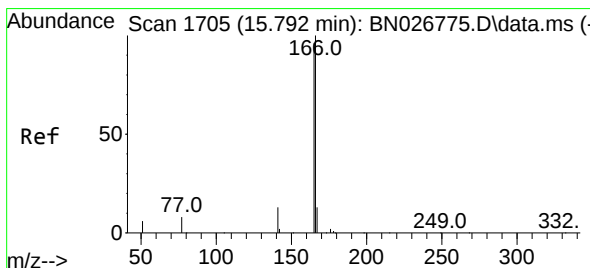
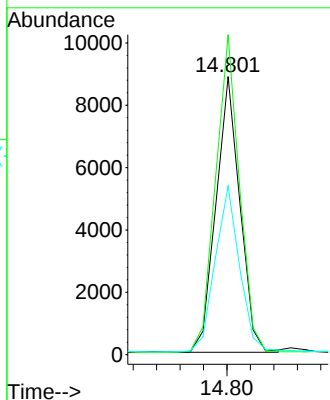
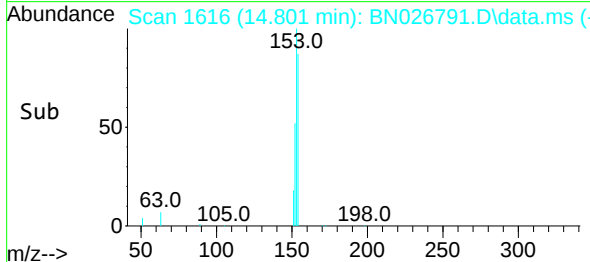
Instrument : BNA_N
ClientSampleId : GWBR-04-400-415-072023MSD



Tgt Ion:154 Resp: 12534
Ion Ratio Lower Upper
154 100
153 114.8 90.0 135.0
152 61.8 48.6 73.0

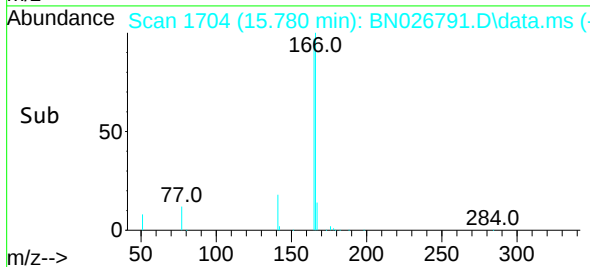
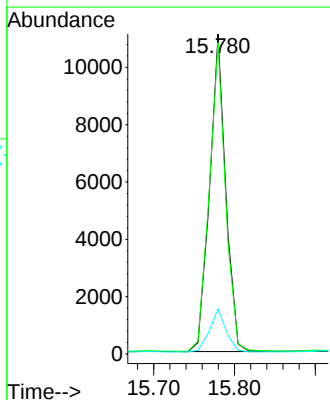
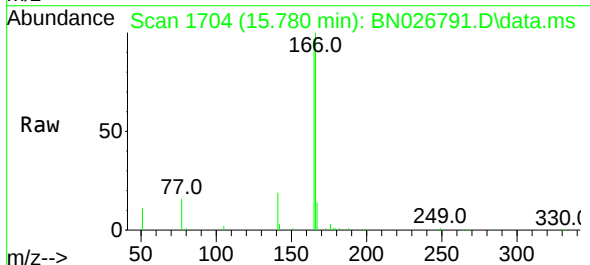
Manual Integrations
APPROVED

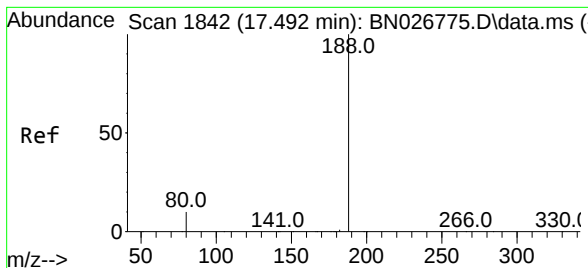
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#18
Fluorene
Concen: 0.333 ng
RT: 15.780 min Scan# 1704
Delta R.T. -0.012 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

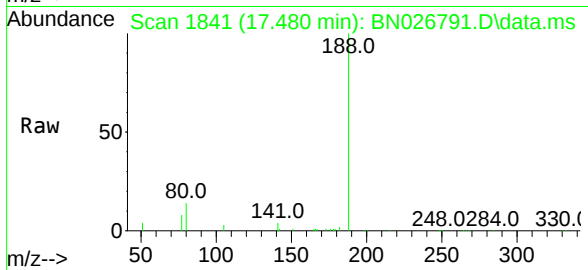
Tgt Ion:166 Resp: 15244
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.6
167 13.9 10.9 16.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

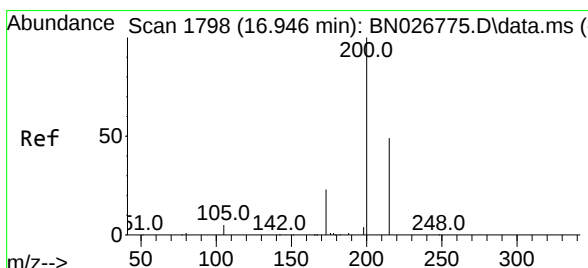
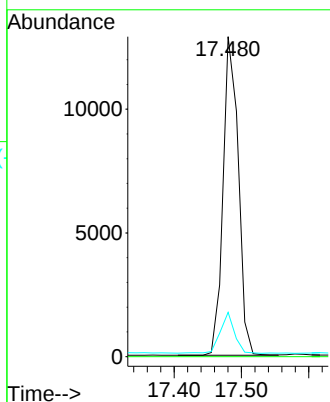
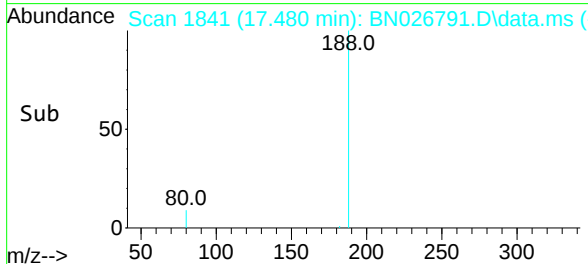
Instrument : BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD



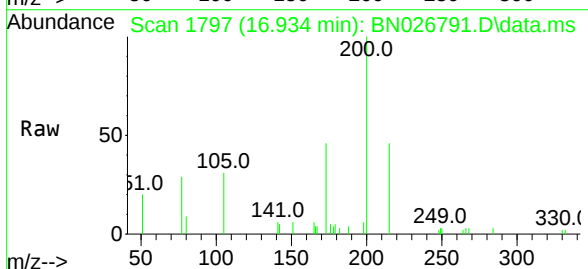
Tgt Ion:188 Resp: 20219
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 8.0 12.0

Manual Integrations
APPROVED

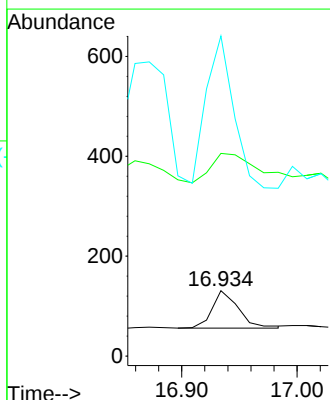
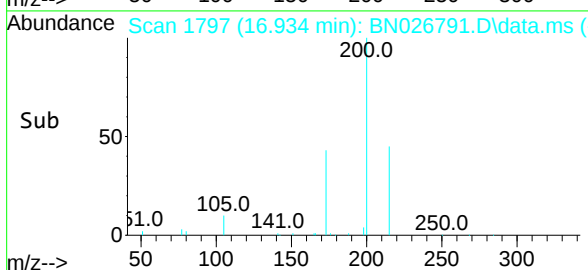
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

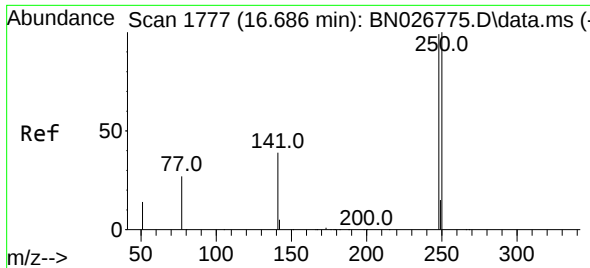


#20
4,6-Dinitro-2-methylphenol
Concen: 0.364 ng
RT: 16.934 min Scan# 1797
Delta R.T. -0.012 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16



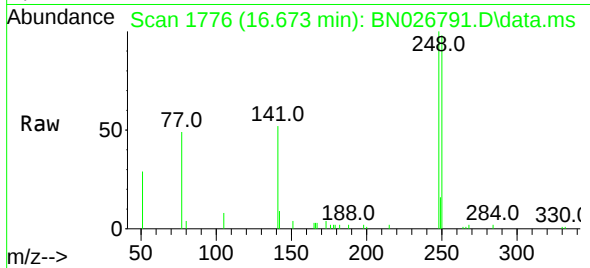
Tgt Ion:198 Resp: 119
Ion Ratio Lower Upper
198 100
51 309.9 150.5 225.7#
105 489.3 165.0 247.6#





#21
4-Bromophenyl-phenylether
Concen: 0.376 ng
RT: 16.673 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

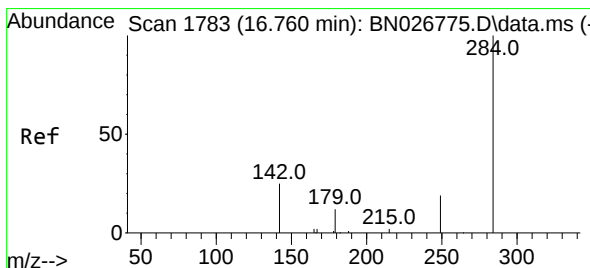
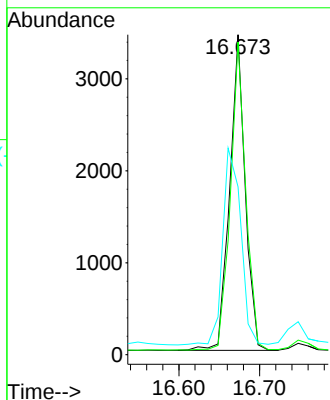
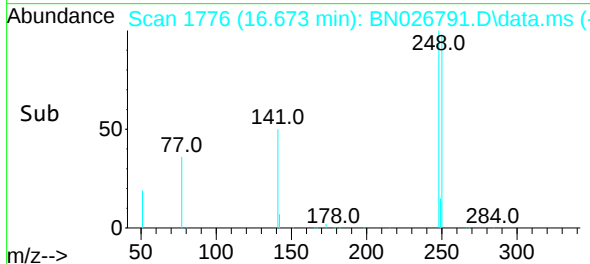
Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD



Tgt Ion:248 Resp: 4594
Ion Ratio Lower Upper
248 100
250 97.7 80.6 121.0
141 52.5 32.6 48.8

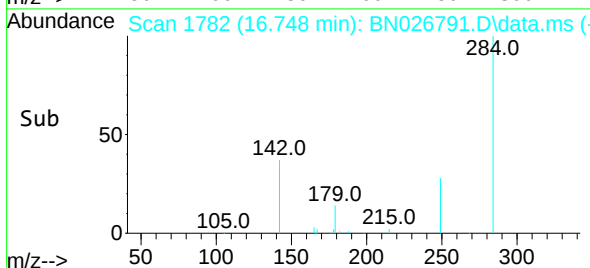
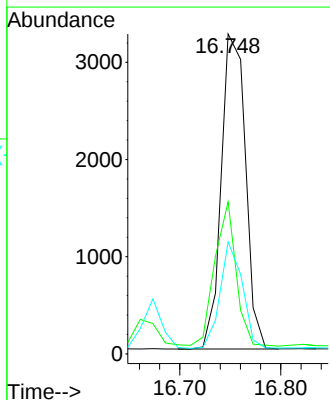
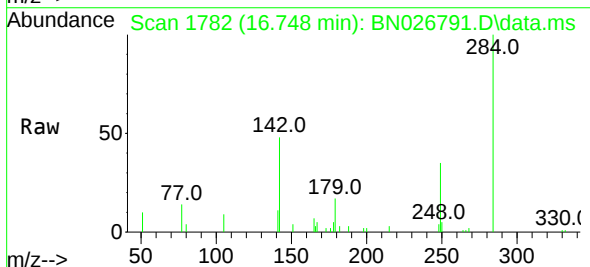
Manual Integrations
APPROVED

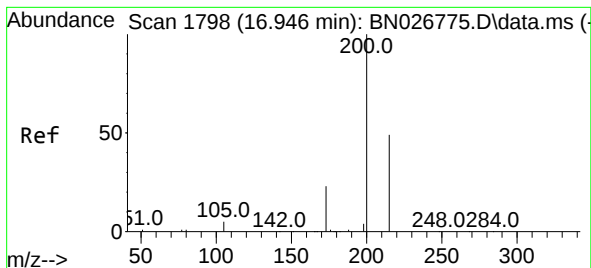
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#22
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.748 min Scan# 1782
Delta R.T. -0.012 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

Tgt Ion:284 Resp: 5405
Ion Ratio Lower Upper
284 100
142 39.9 32.0 48.0
249 31.1 25.0 37.4





#23

Atrazine

Concen: 0.354 ng

RT: 16.934 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN026791.D

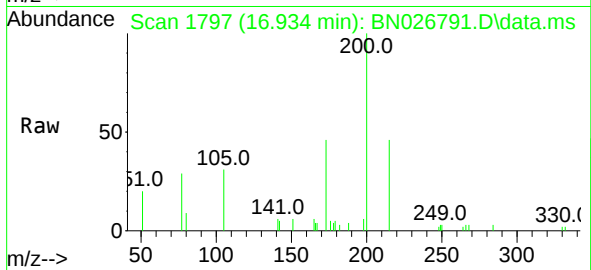
Acq: 02 Aug 2023 10:16

Instrument :

BNA_N

ClientSampleId :

GWBR-04-400-415-072023MSD



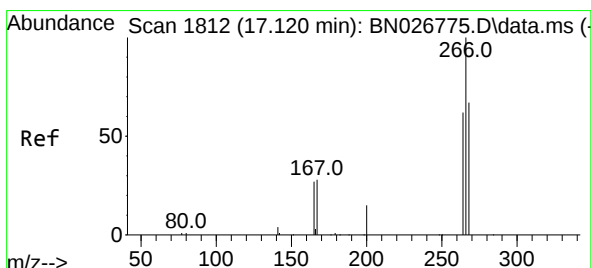
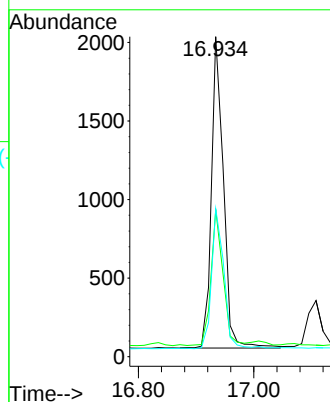
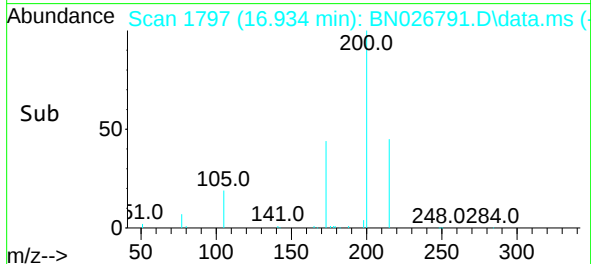
Tgt Ion:	200	Resp:	285
Ion Ratio	Lower	Upper	
200	100		
173	45.9	19.2	28.8
215	46.2	39.8	59.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#24

Pentachlorophenol

Concen: 0.787 ng

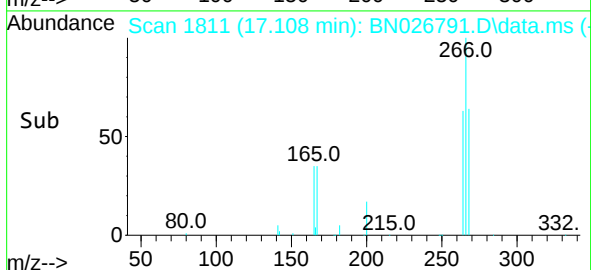
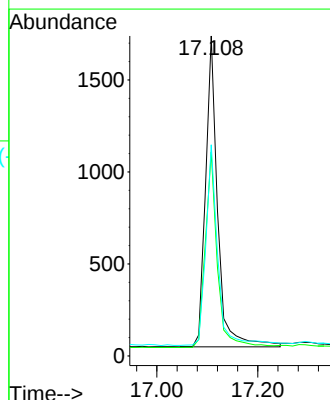
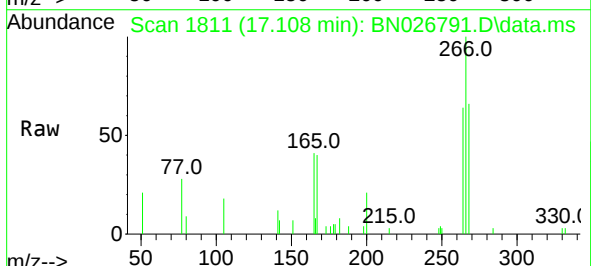
RT: 17.108 min Scan# 1811

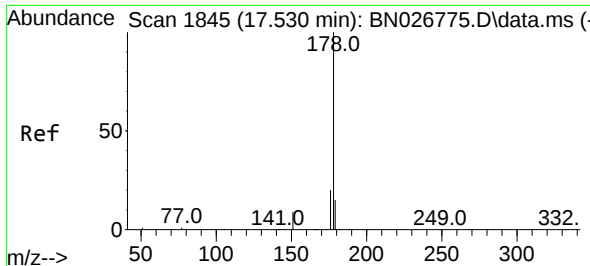
Delta R.T. -0.012 min

Lab File: BN026791.D

Acq: 02 Aug 2023 10:16

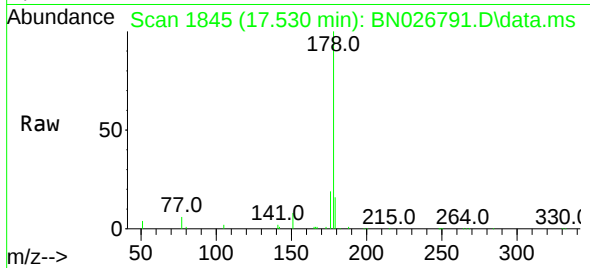
Tgt Ion:	266	Resp:	2822
Ion Ratio	Lower	Upper	
266	100		
264	62.6	50.8	76.2
268	63.7	50.8	76.2





#25
Phenanthrene
Concen: 0.396 ng
RT: 17.530 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

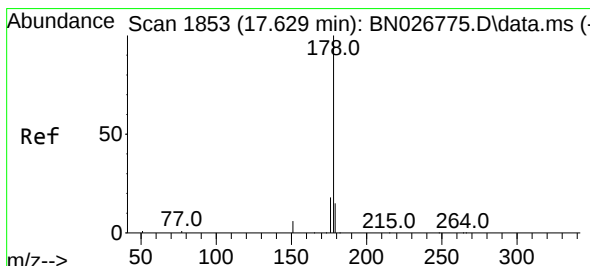
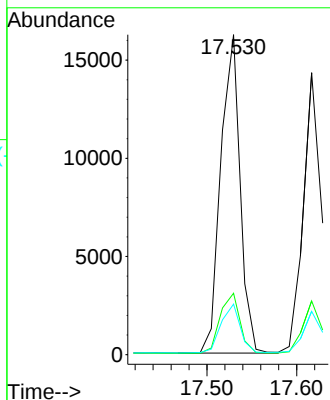
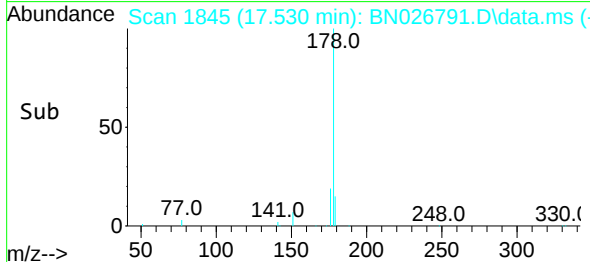
Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD



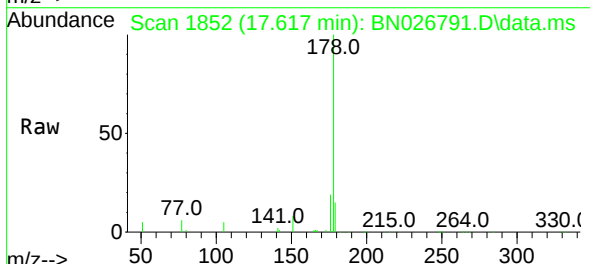
Tgt Ion:178 Resp: 24315
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.2 18.2

Manual Integrations
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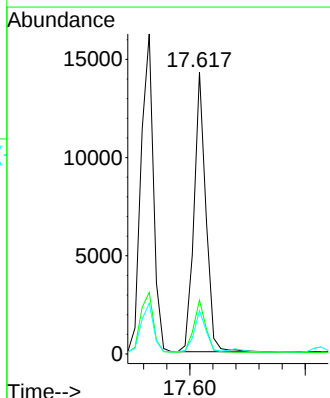
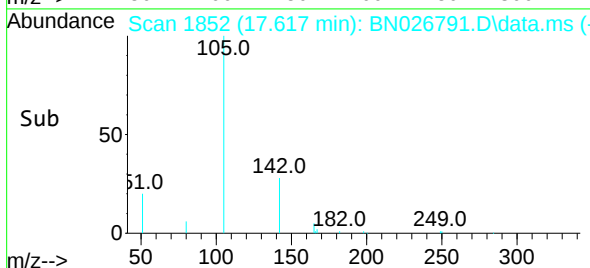
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

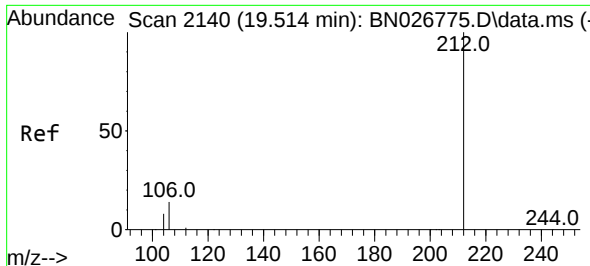


#26
Anthracene
Concen: 0.369 ng
RT: 17.617 min Scan# 1852
Delta R.T. -0.012 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16



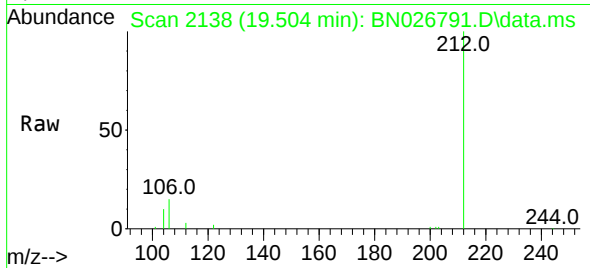
Tgt Ion:178 Resp: 20233
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 14.7 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 19.504 min Scan# 2138
Delta R.T. -0.009 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

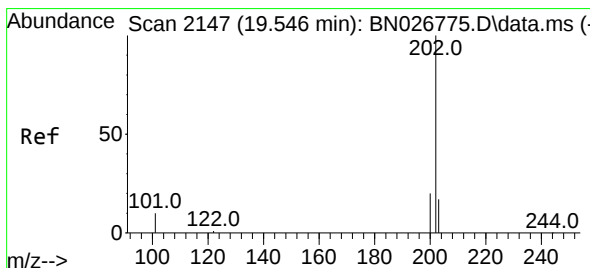
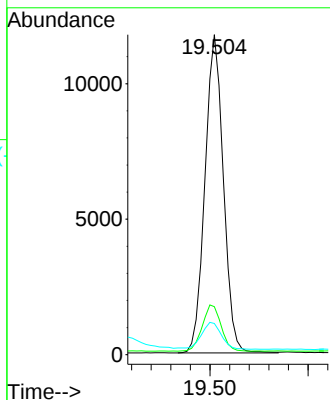
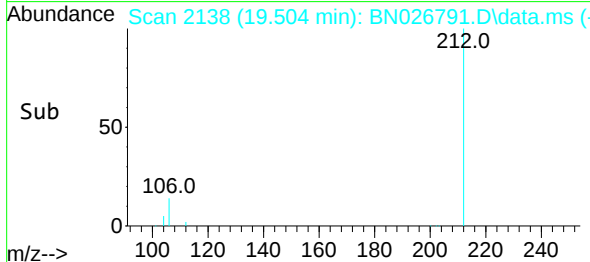
Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD



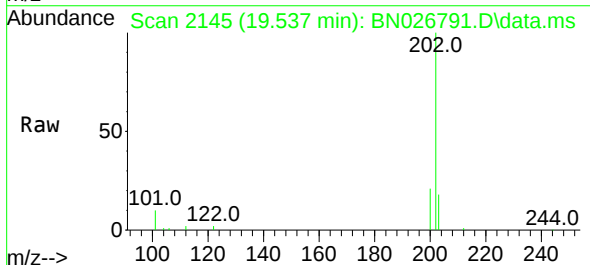
Tgt Ion:212 Resp: 1532
Ion Ratio Lower Upper
212 100
106 14.8 11.7 17.5
104 9.0 6.4 9.6

Manual Integrations
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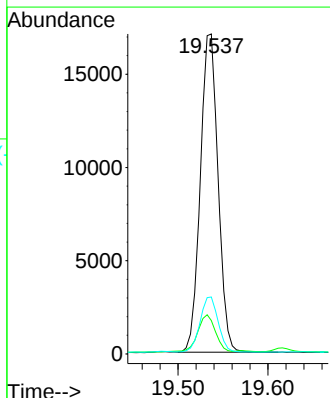
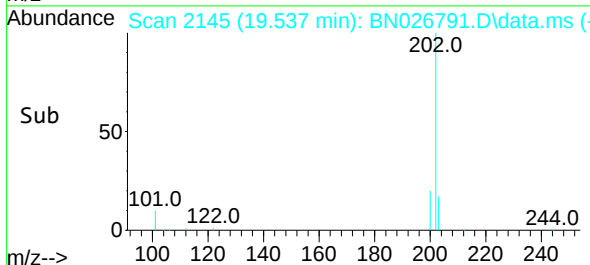
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

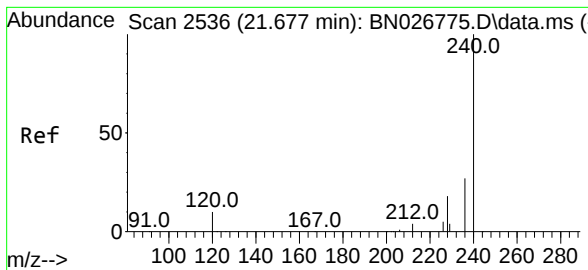


#28
Fluoranthene
Concen: 0.343 ng
RT: 19.537 min Scan# 2145
Delta R.T. -0.009 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16



Tgt Ion:202 Resp: 23474
Ion Ratio Lower Upper
202 100
101 12.0 9.2 13.8
203 17.6 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.659 min Scan# 2158

Delta R.T. -0.018 min

Lab File: BN026791.D

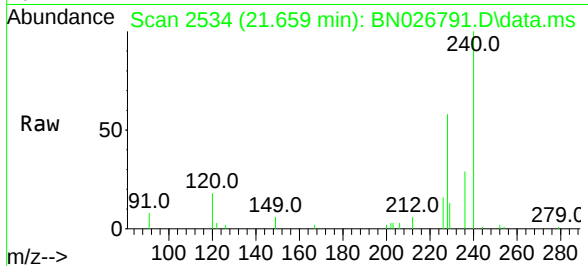
Acq: 02 Aug 2023 10:16

Instrument :

BNA_N

ClientSampleId :

GWBR-04-400-415-072023MSD



Tgt Ion:240 Resp: 1158

Ion Ratio Lower Upper

240 100

120 18.5 9.2 13.8

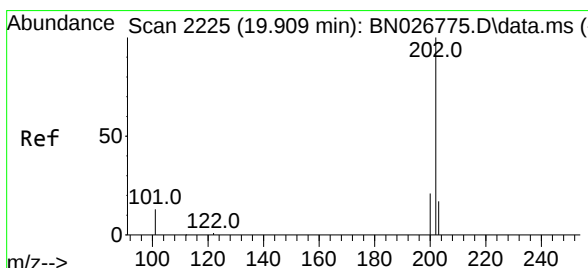
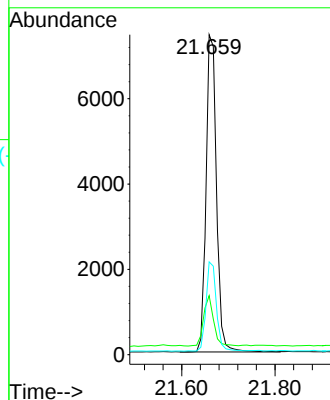
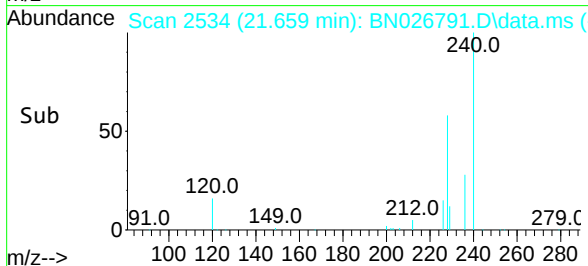
236 29.0 21.9 32.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#30

Pyrene

Concen: 0.480 ng

RT: 19.899 min Scan# 2223

Delta R.T. -0.009 min

Lab File: BN026791.D

Acq: 02 Aug 2023 10:16

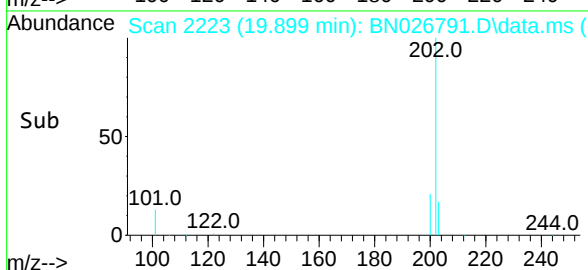
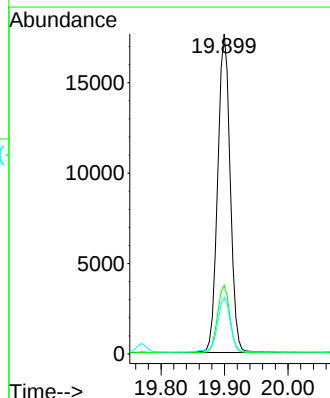
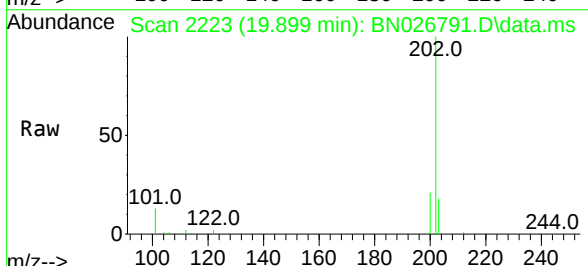
Tgt Ion:202 Resp: 24035

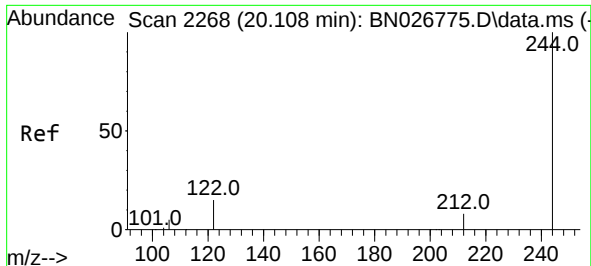
Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

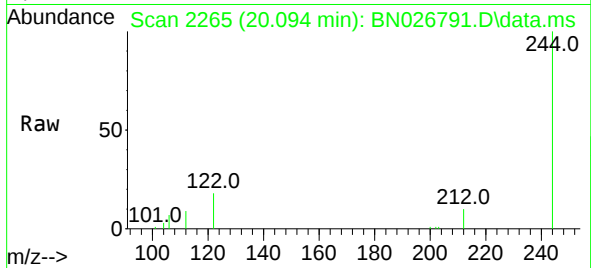
203 17.6 14.2 21.2





#31
 Terphenyl-d14
 Concen: 0.555 ng
 RT: 20.094 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BN026791.D
 Acq: 02 Aug 2023 10:16

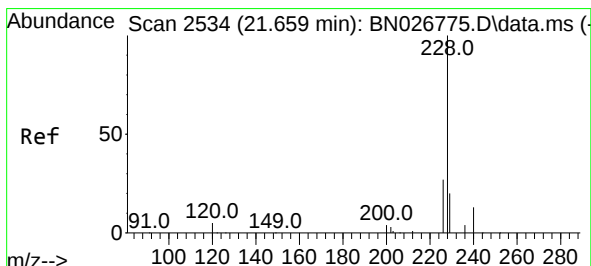
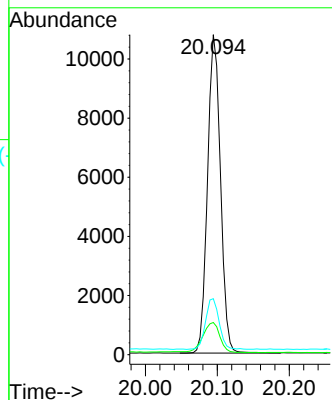
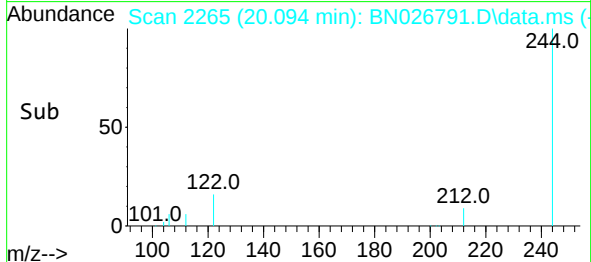
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-04-400-415-072023MSD



Tgt Ion:244 Resp: 1340
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.0 10.4
 122 17.5 12.3 18.5

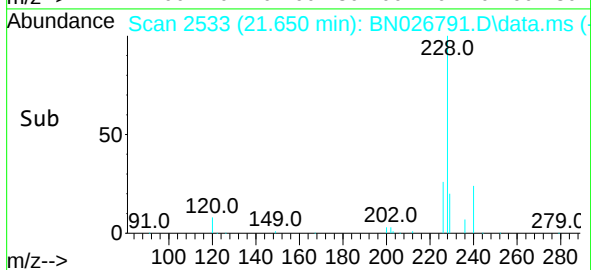
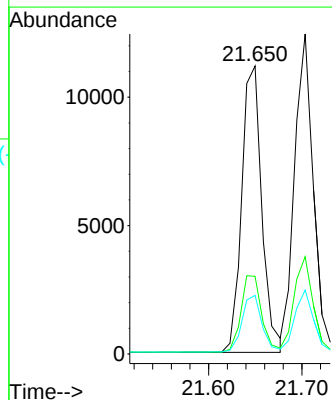
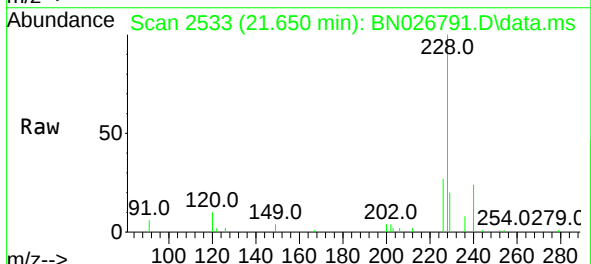
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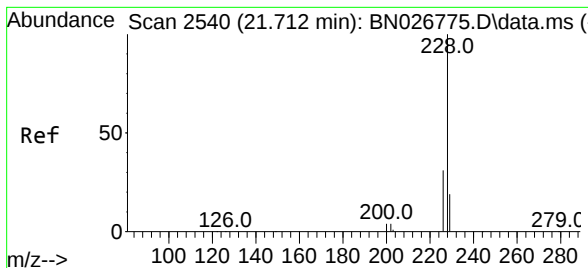
Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023



#32
 Benzo(a)anthracene
 Concen: 0.421 ng
 RT: 21.650 min Scan# 2533
 Delta R.T. -0.009 min
 Lab File: BN026791.D
 Acq: 02 Aug 2023 10:16

Tgt Ion:228 Resp: 16750
 Ion Ratio Lower Upper
 228 100
 226 26.9 21.9 32.9
 229 20.4 15.8 23.8





#33

Chrysene

Concen: 0.393 ng

RT: 21.704 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN026791.D

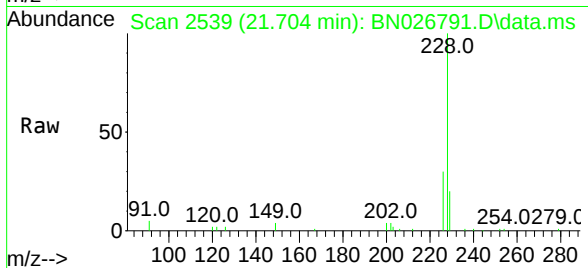
Acq: 02 Aug 2023 10:16

Instrument :

BNA_N

ClientSampleId :

GWBR-04-400-415-072023MSD



Tgt Ion:228 Resp: 17270

Ion Ratio Lower Upper

228 100

226 30.4 24.6 36.8

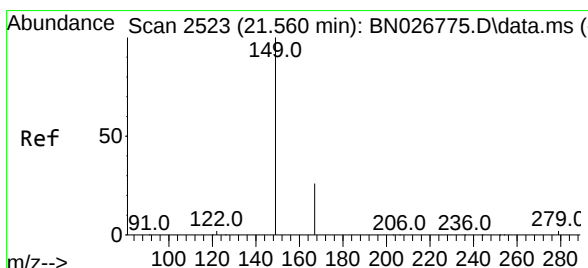
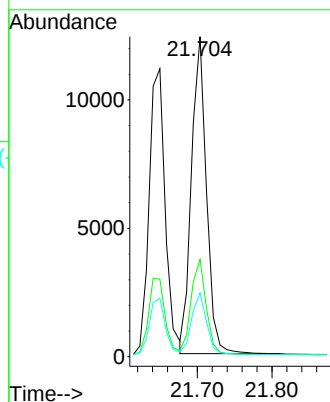
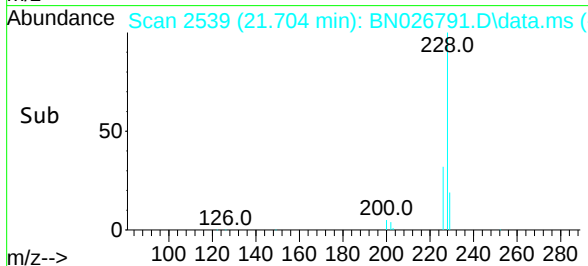
229 19.9 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.719 ng

RT: 21.551 min Scan# 2522

Delta R.T. -0.009 min

Lab File: BN026791.D

Acq: 02 Aug 2023 10:16

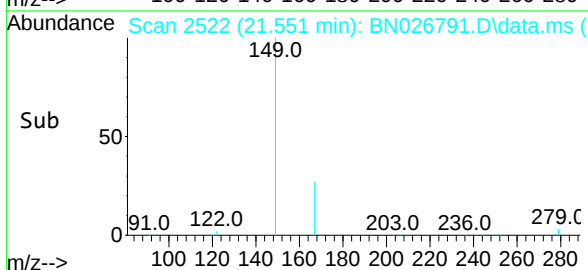
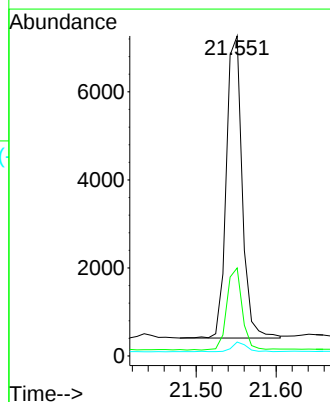
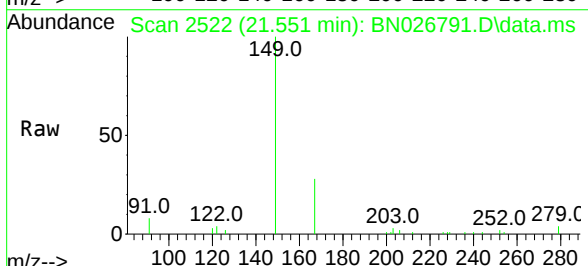
Tgt Ion:149 Resp: 9474

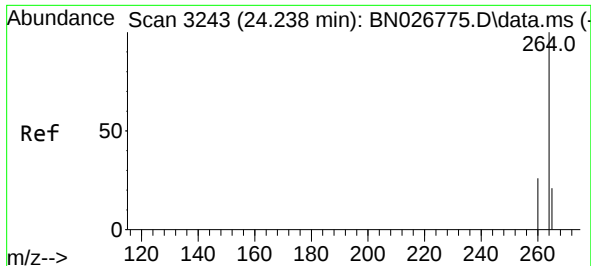
Ion Ratio Lower Upper

149 100

167 26.6 20.8 31.2

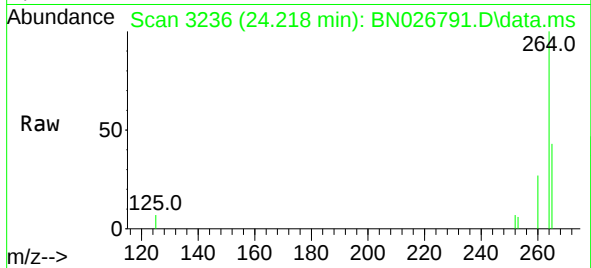
279 2.9 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.218 min Scan# 31
 Delta R.T. -0.020 min
 Lab File: BN026791.D
 Acq: 02 Aug 2023 10:16

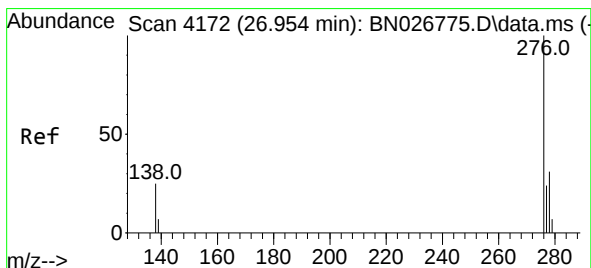
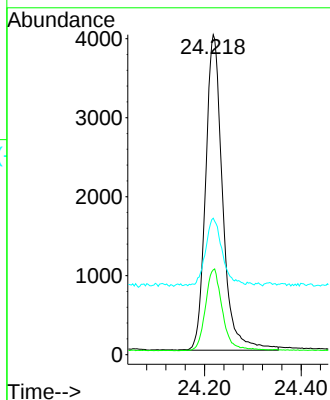
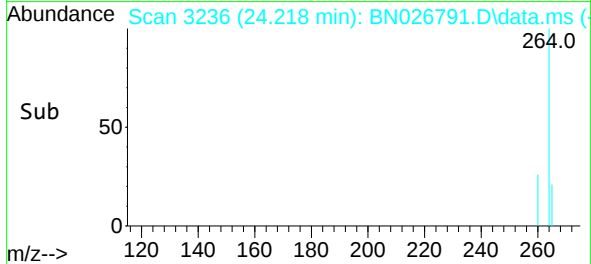
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-04-400-415-072023MSD



Tgt Ion:264 Resp: 9769
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.0 31.6
 265 42.7 22.6 33.8

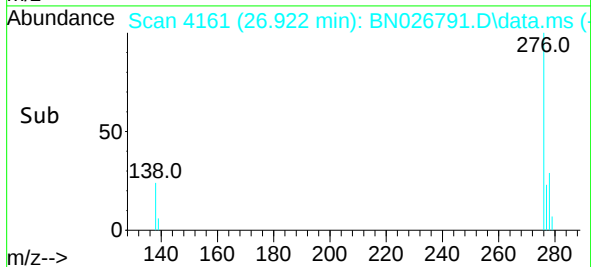
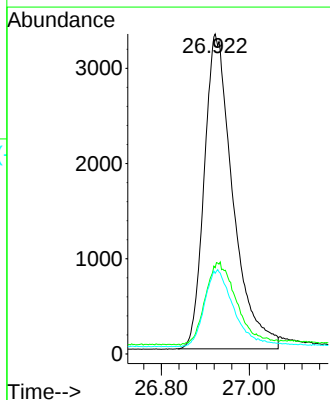
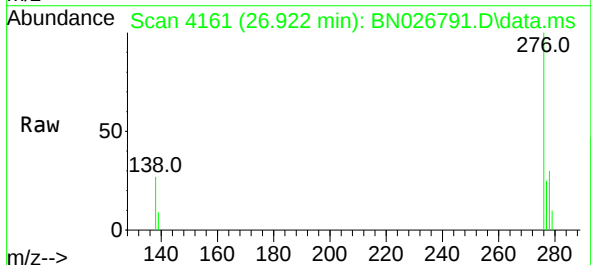
Manual Integrations
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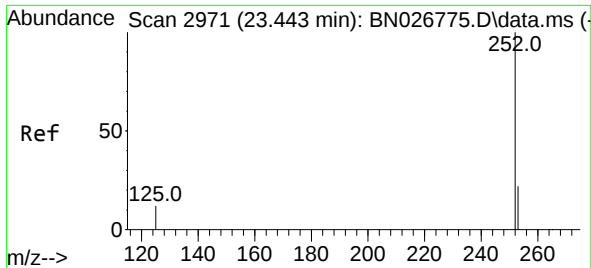
Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.376 ng
 RT: 26.922 min Scan# 4161
 Delta R.T. -0.032 min
 Lab File: BN026791.D
 Acq: 02 Aug 2023 10:16

Tgt Ion:276 Resp: 14977
 Ion Ratio Lower Upper
 276 100
 138 28.5 22.8 34.2
 277 24.9 19.9 29.9





#37

Benzo(b)fluoranthene

Concen: 0.400 ng

RT: 23.426 min Scan# 2965

Delta R.T. -0.017 min

Lab File: BN026791.D

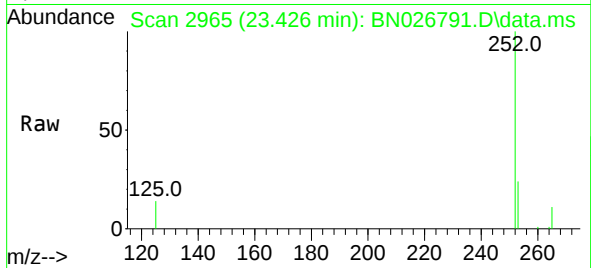
Acq: 02 Aug 2023 10:16

Instrument :

BNA_N

ClientSampleId :

GWBR-04-400-415-072023MSD



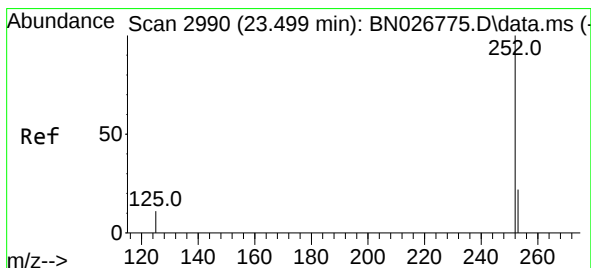
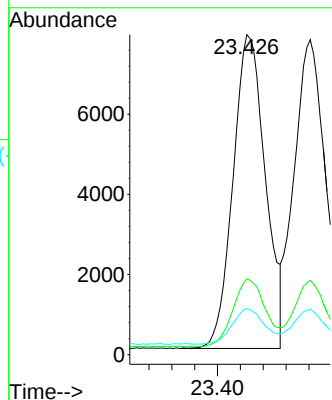
Tgt Ion:	252	Resp:	1537
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.8
125	14.4	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#38

Benzo(k)fluoranthene

Concen: 0.379 ng

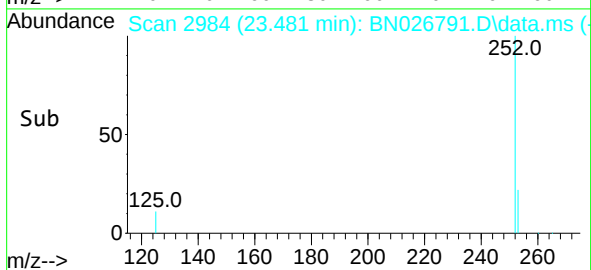
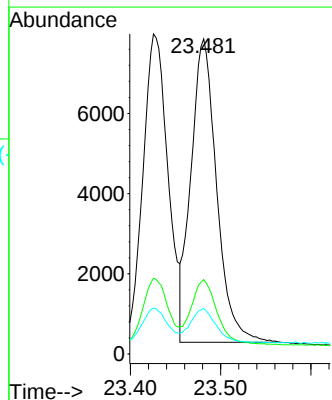
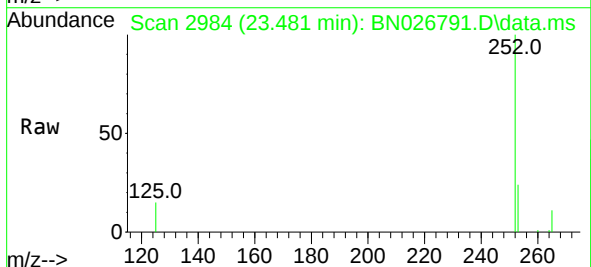
RT: 23.481 min Scan# 2984

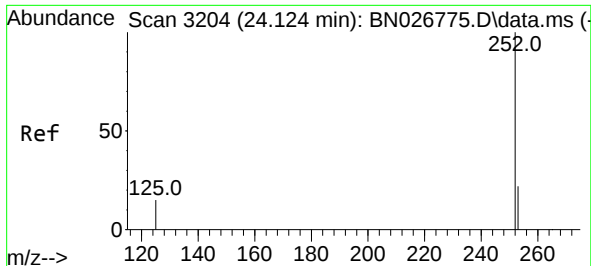
Delta R.T. -0.018 min

Lab File: BN026791.D

Acq: 02 Aug 2023 10:16

Tgt Ion:	252	Resp:	14972
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.0	27.0
125	14.5	9.4	14.2





#39

Benzo(a)pyrene

Concen: 0.341 ng

RT: 24.104 min Scan# 31

Delta R.T. -0.020 min

Lab File: BN026791.D

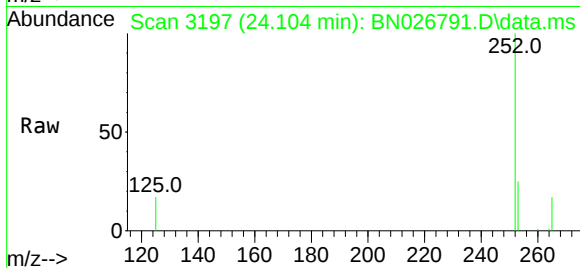
Acq: 02 Aug 2023 10:16

Instrument :

BNA_N

ClientSampleId :

GWBR-04-400-415-072023MSD



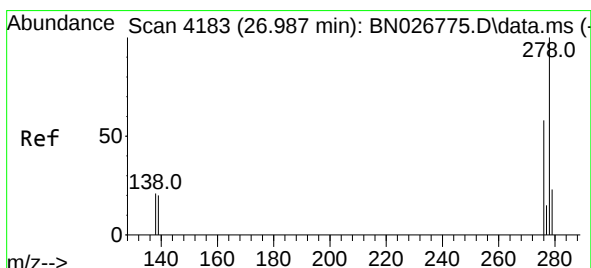
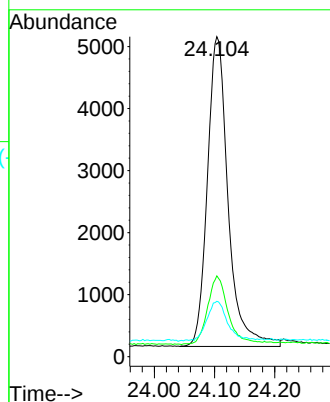
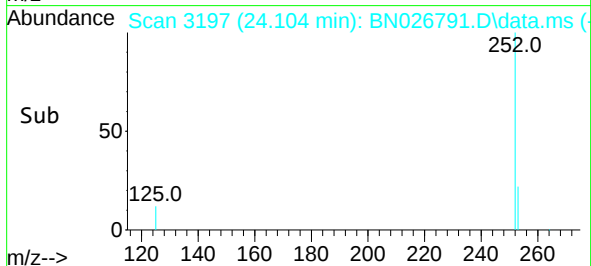
Tgt Ion:	252	Resp:	1196
Ion Ratio	Lower	Upper	
252	100		
253	25.2	18.5	27.7
125	17.3	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.372 ng

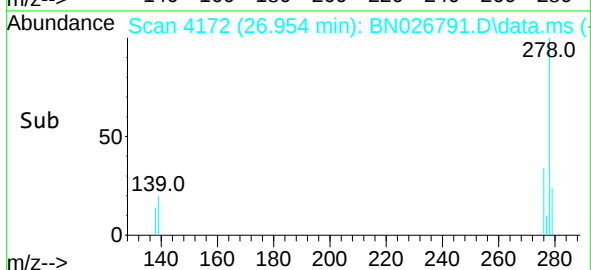
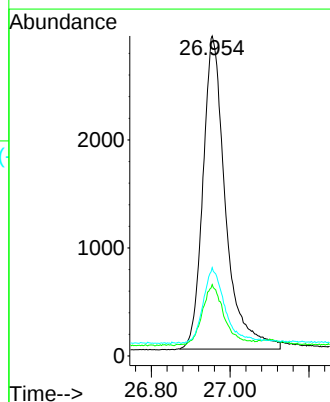
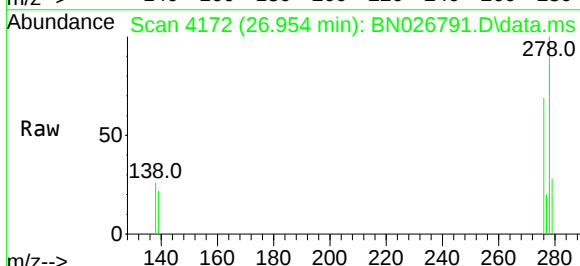
RT: 26.954 min Scan# 4172

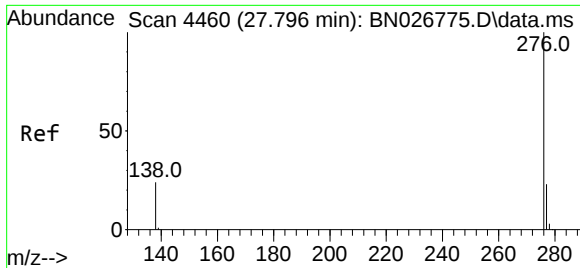
Delta R.T. -0.032 min

Lab File: BN026791.D

Acq: 02 Aug 2023 10:16

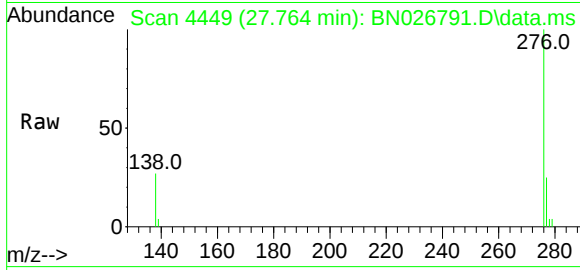
Tgt Ion:	278	Resp:	11533
Ion Ratio	Lower	Upper	
278	100		
139	22.3	16.8	25.2
279	27.6	19.5	29.3





#41
Benzo(g,h,i)perylene
Concen: 0.389 ng
RT: 27.764 min Scan# 44
Delta R.T. -0.032 min
Lab File: BN026791.D
Acq: 02 Aug 2023 10:16

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD



Tgt Ion:276 Resp: 14274
Ion Ratio Lower Upper
276 100
277 25.0 19.1 28.7
138 26.8 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

