

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
 Data File : BN025718.D
 Acq On : 30 May 2023 14:00
 Operator : CG/JU
 Sample : 02912-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20230523MSD

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/31/2023
 Supervised By :Jagrut Upadhyay 05/31/2023

Quant Time: May 31 05:38:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	6327	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	17774	0.400	ng	0.00
13) Acenaphthene-d10	14.641	164	9971	0.400	ng	-0.01
19) Phenanthrene-d10	17.393	188	20542	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	11625	0.400	ng	0.00
35) Perylene-d12	24.043	264	9948	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	2037	0.126	ng	0.00
5) Phenol-d6	7.174	99	1534	0.079	ng	0.00
8) Nitrobenzene-d5	9.180	82	4940	0.332	ng	-0.01
11) 2-Methylnaphthalene-d10	12.415	152	9471	0.374	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	879	0.436	ng	-0.01
15) 2-Fluorobiphenyl	13.272	172	15141	0.368	ng	-0.01
27) Fluoranthene-d10	19.416	212	16749	0.360	ng	0.00
31) Terphenyl-d14	20.006	244	12301	0.483	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	18547	2.531	ng	99
3) n-Nitrosodimethylamine	3.766	42	517	0.066	ng	# 75
6) bis(2-Chloroethyl)ether	7.434	93	5844	0.292	ng	# 85
9) Naphthalene	10.878	128	16215	0.334	ng	100
10) Hexachlorobutadiene	11.166	225	2565	0.304	ng	# 95
12) 2-Methylnaphthalene	12.487	142	10582	0.316	ng	99
16) Acenaphthylene	14.373	152	15072	0.320	ng	100
17) Acenaphthene	14.705	154	10527	0.340	ng	99
18) Fluorene	15.693	166	14241	0.347	ng	100
20) 4,6-Dinitro-2-methylph...	15.780	198	1174	0.522	ng	# 58
21) 4-Bromophenyl-phenylether	16.574	248	4029	0.345	ng	90
22) Hexachlorobenzene	16.698	284	3717	0.349	ng	96
23) Atrazine	16.847	200	3645	0.392	ng	# 91
24) Pentachlorophenol	17.046	266	1732	1.264	ng	# 84
25) Phenanthrene	17.431	178	23248	0.372	ng	100
26) Anthracene	17.530	178	19525	0.345	ng	100
28) Fluoranthene	19.444	202	23737	0.348	ng	99
30) Pyrene	19.811	202	24175	0.427	ng	99
32) Benzo(a)anthracene	21.551	228	16257	0.375	ng	99
33) Chrysene	21.605	228	18027	0.384	ng	99
34) Bis(2-ethylhexyl)phtha...	21.462	149	12212	0.463	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.624	276	15661	0.410	ng	# 64
37) Benzo(b)fluoranthene	23.282	252	15533	0.410	ng	99
38) Benzo(k)fluoranthene	23.335	252	15210	0.386	ng	99
39) Benzo(a)pyrene	23.934	252	12628	0.349	ng	98
40) Dibenzo(a,h)anthracene	26.648	278	12335m	0.408	ng	
41) Benzo(g,h,i)perylene	27.417	276	14053	0.408	ng	98

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

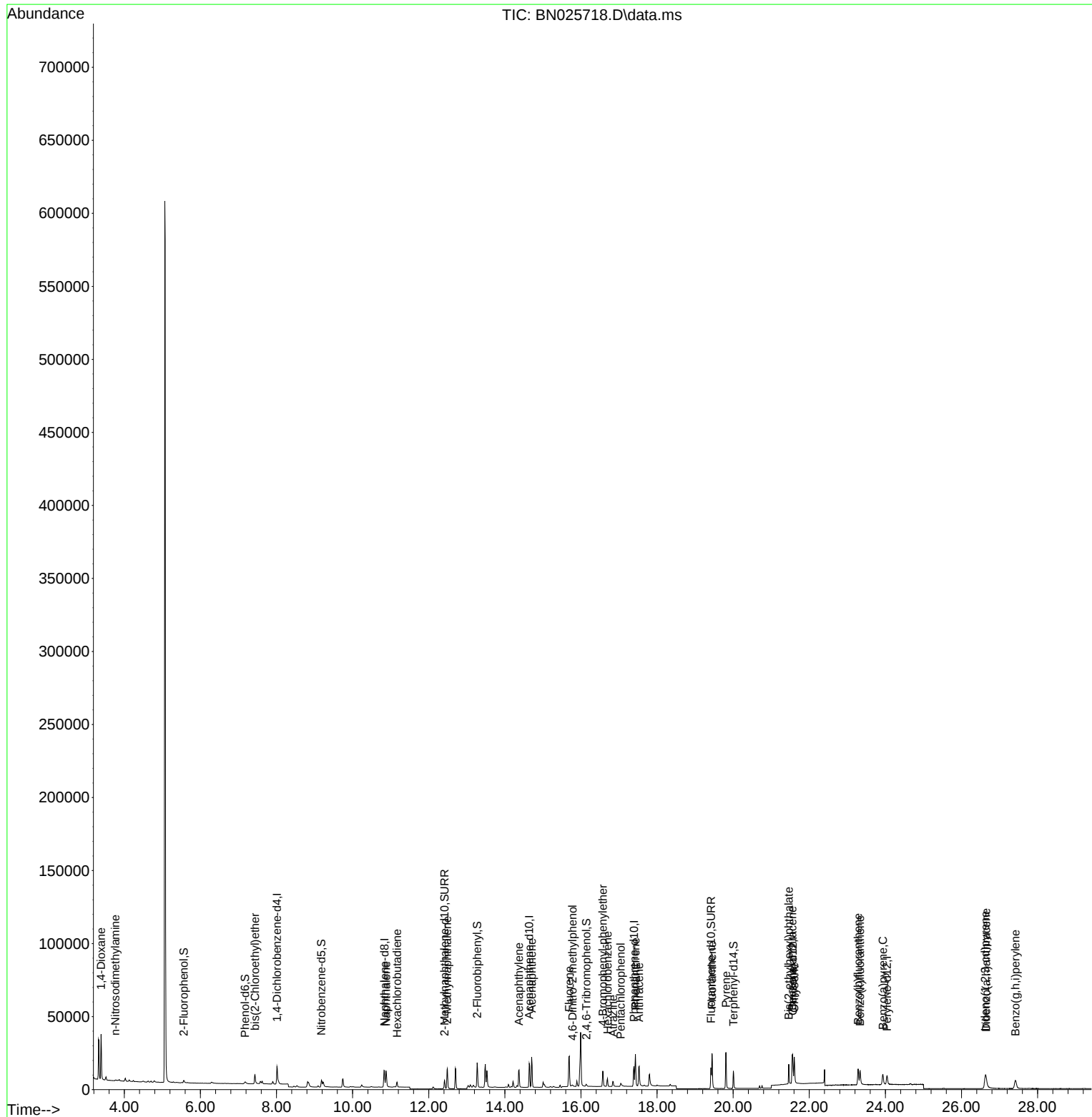
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
Data File : BN025718.D
Acq On : 30 May 2023 14:00
Operator : CG/JU
Sample : 02912-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023

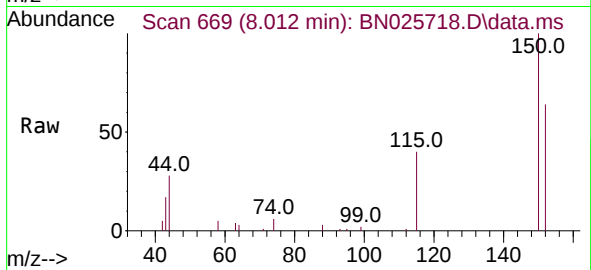
Quant Time: May 31 05:38:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.012 min Scan# 60
Delta R.T. -0.007 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

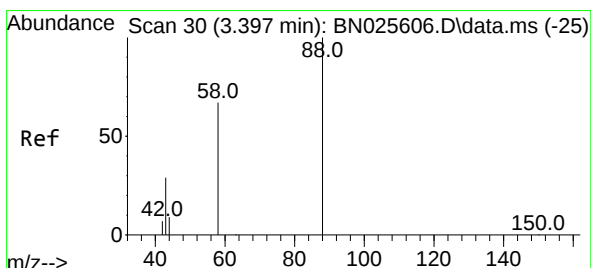
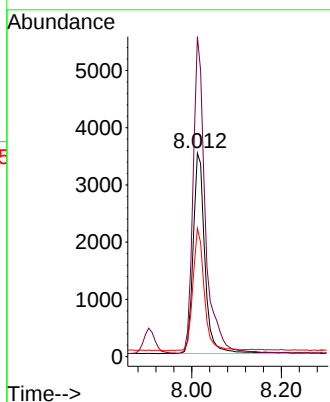
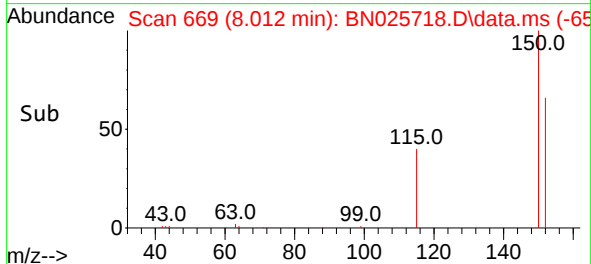
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD



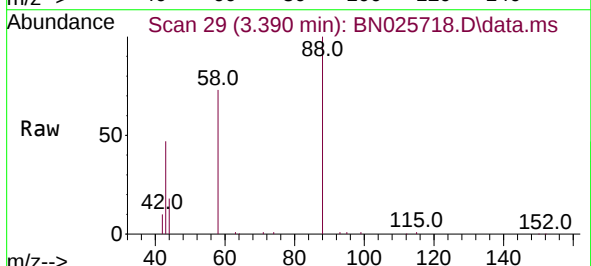
Tgt Ion: 152 Resp: 632
Ion Ratio Lower Upper
152 100
150 157.2 121.0 181.6
115 63.0 48.5 72.7

Manual Integrations
APPROVED

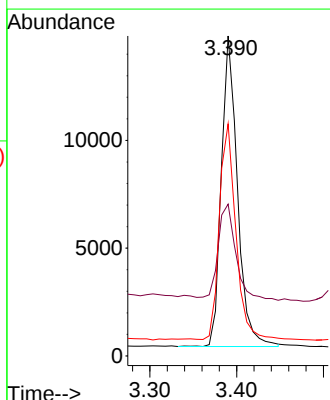
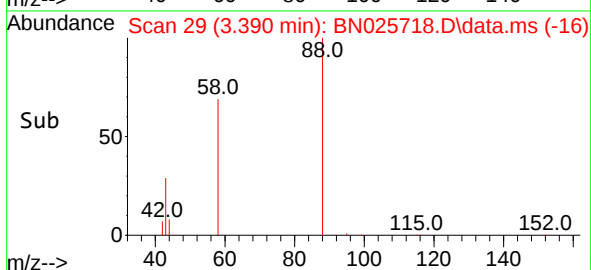
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023

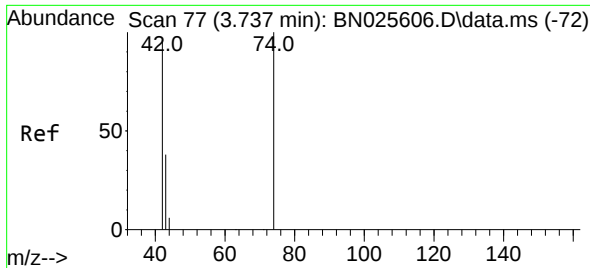


#2
1,4-Dioxane
Concen: 2.531 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00



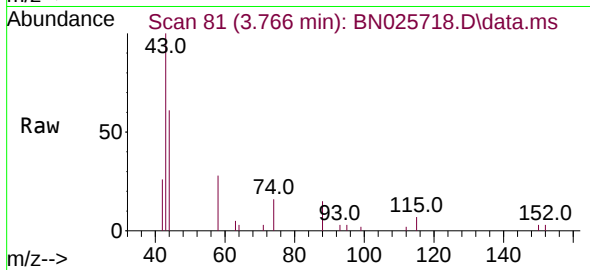
Tgt Ion: 88 Resp: 18547
Ion Ratio Lower Upper
88 100
43 34.4 26.5 39.7
58 70.4 56.8 85.2





#3
n-Nitrosodimethylamine
Concen: 0.066 ng
RT: 3.766 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

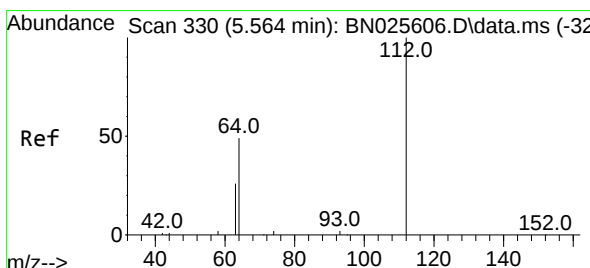
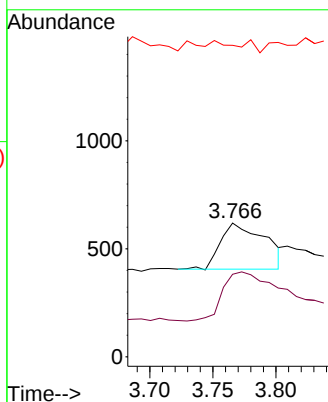
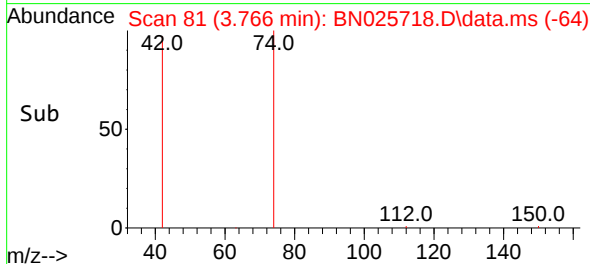
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD



Tgt Ion: 42 Resp: 51
Ion Ratio Lower Upper
42 100
74 127.7 82.2 123.2
44 0.0 0.0 0.0

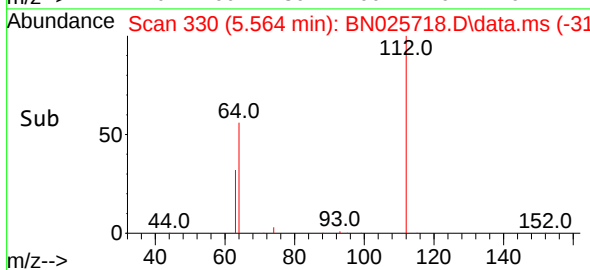
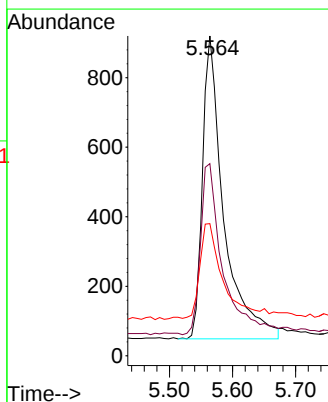
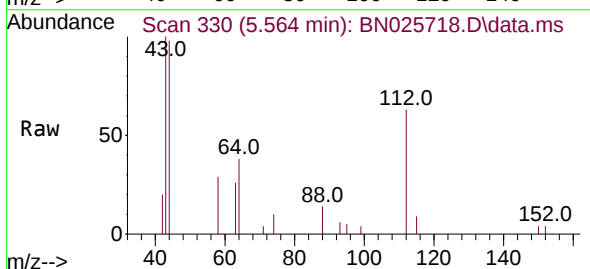
Manual Integrations
APPROVED

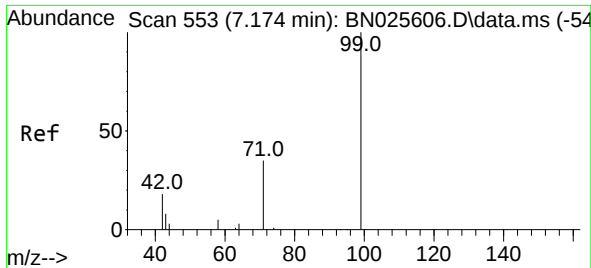
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.564 min Scan# 330
Delta R.T. 0.007 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

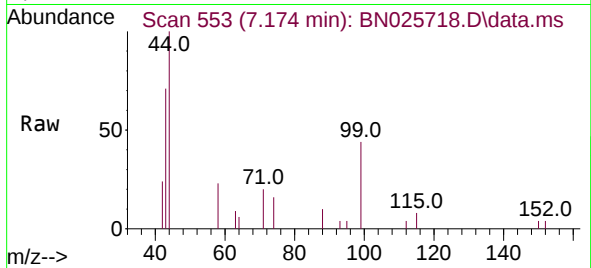
Tgt Ion:112 Resp: 2037
Ion Ratio Lower Upper
112 100
64 59.1 45.7 68.5
63 36.3 26.2 39.2





#5
Phenol-d6
Concen: 0.079 ng
RT: 7.174 min Scan# 553
Delta R.T. 0.000 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

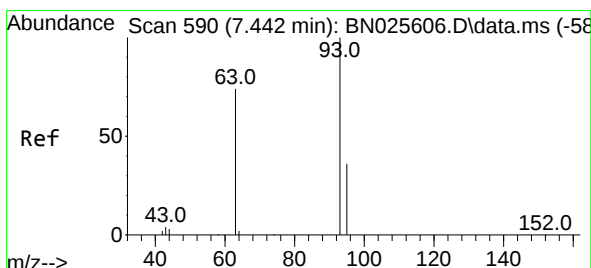
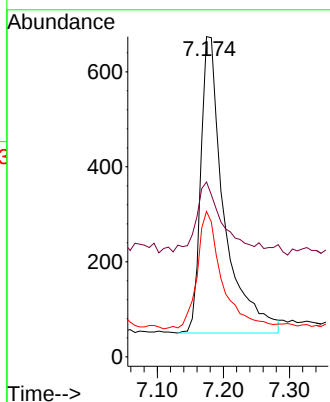
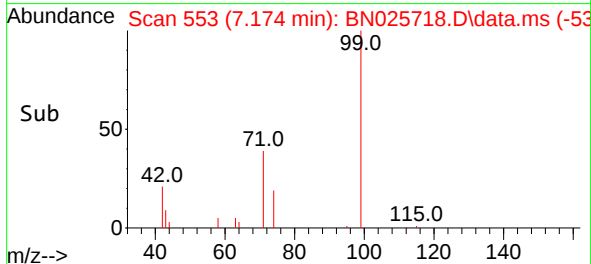
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD



Tgt Ion: 99 Resp: 1534
Ion Ratio Lower Upper
99 100
42 26.2 17.1 25.7
71 42.3 29.3 43.9

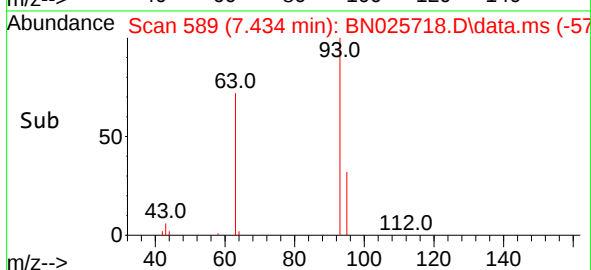
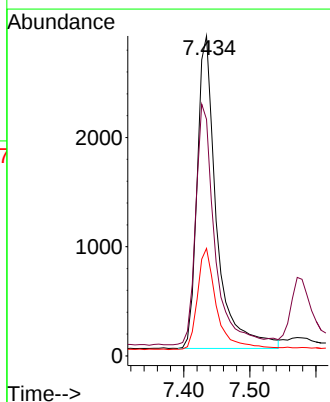
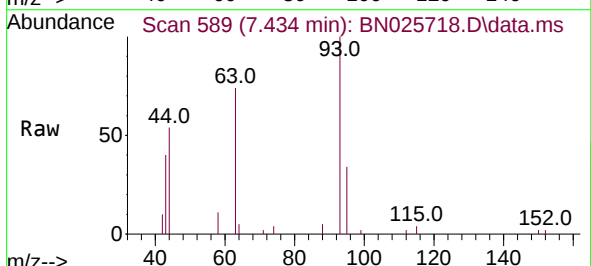
Manual Integrations
APPROVED

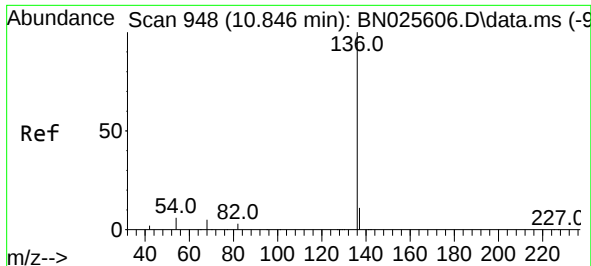
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.292 ng
RT: 7.434 min Scan# 589
Delta R.T. 0.000 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

Tgt Ion: 93 Resp: 5844
Ion Ratio Lower Upper
93 100
63 75.2 49.1 73.7
95 32.2 22.6 33.8





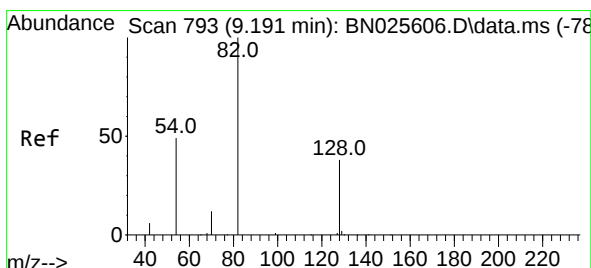
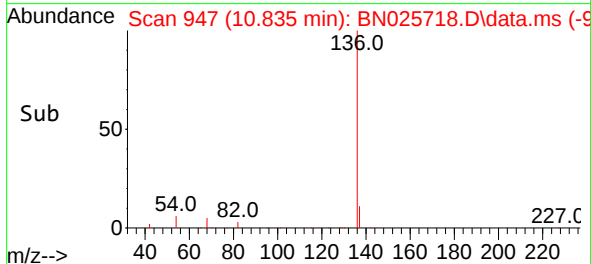
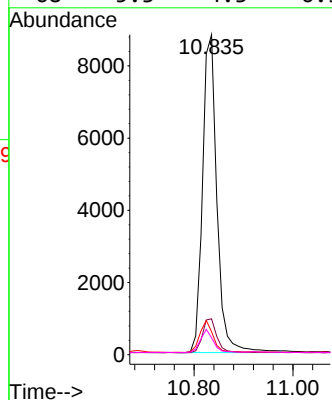
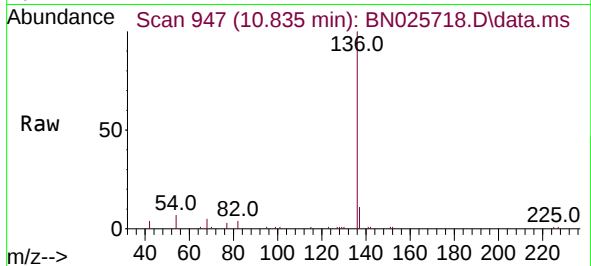
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD

Tgt Ion:	136	Resp:	17774
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	7.2	5.4	8.0
68	5.3	4.3	6.5

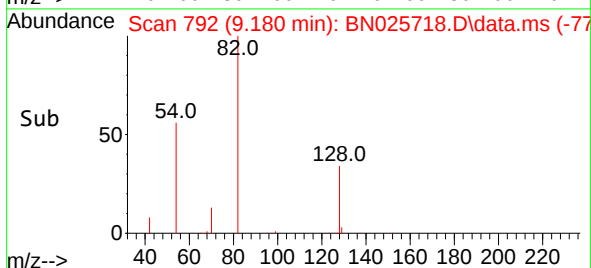
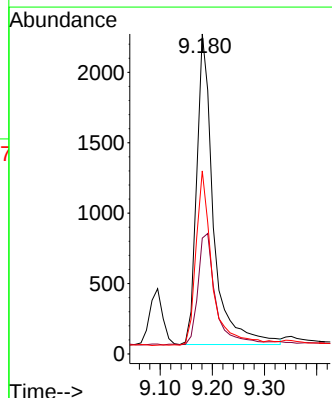
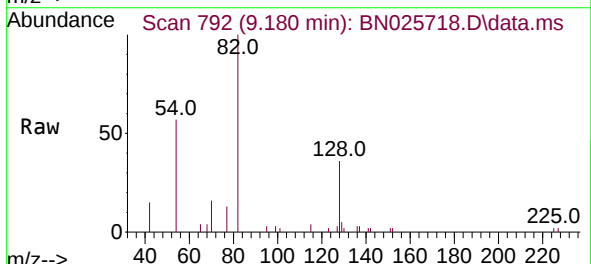
Manual Integrations
APPROVED

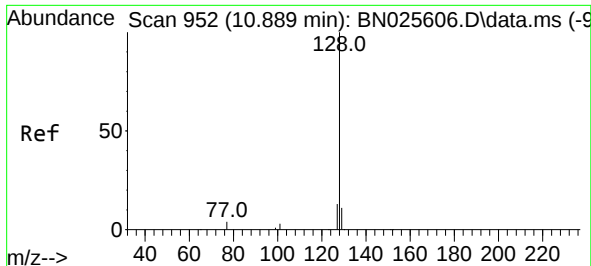
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 9.180 min Scan# 792
Delta R.T. -0.011 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

Tgt Ion:	82	Resp:	4940
Ion Ratio	Lower	Upper	
82	100		
128	36.2	32.5	48.7
54	57.2	40.6	60.8





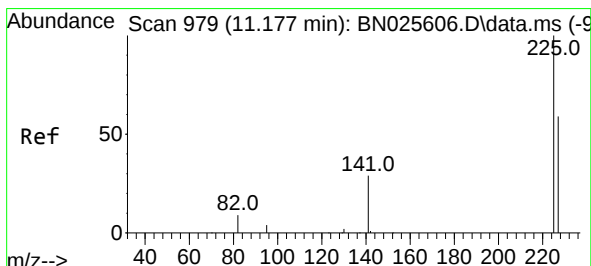
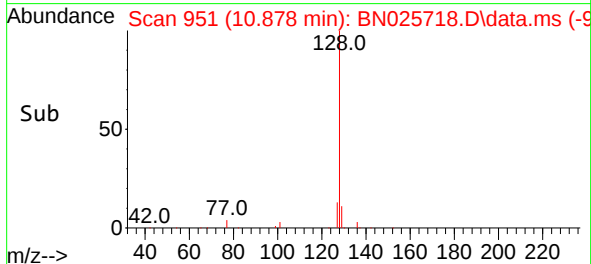
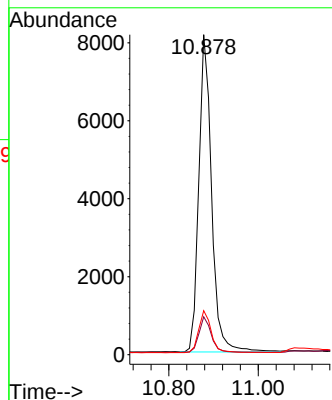
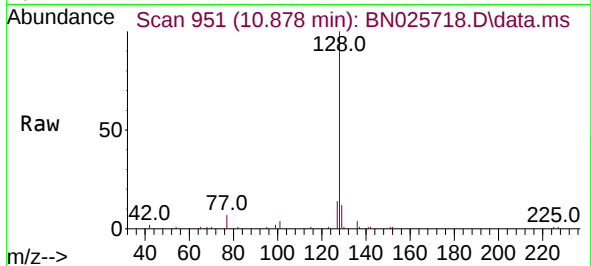
#9
Naphthalene
Concen: 0.334 ng
RT: 10.878 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD

Tgt Ion:128 Resp: 1621
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 13.8 11.0 16.6

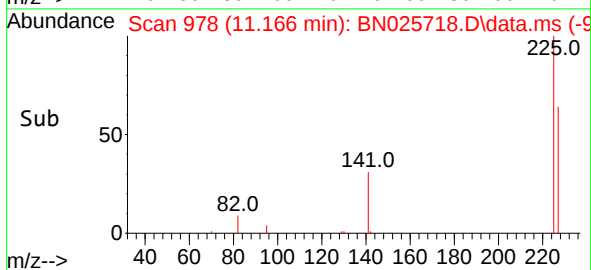
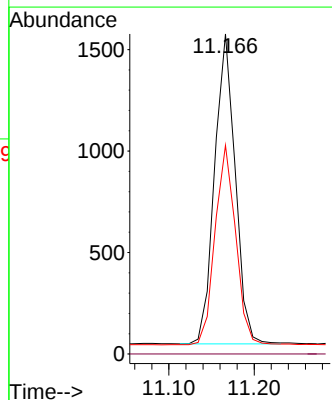
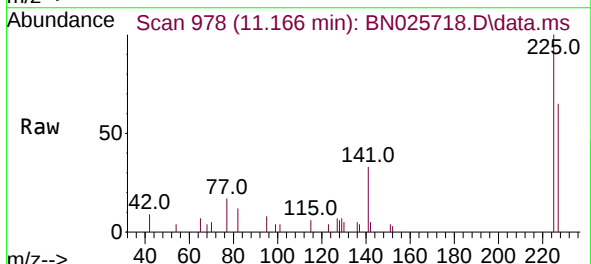
Manual Integrations
APPROVED

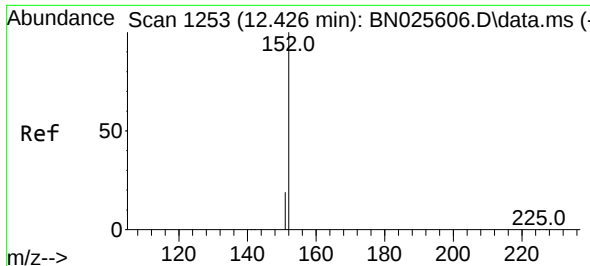
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#10
Hexachlorobutadiene
Concen: 0.304 ng
RT: 11.166 min Scan# 978
Delta R.T. -0.011 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

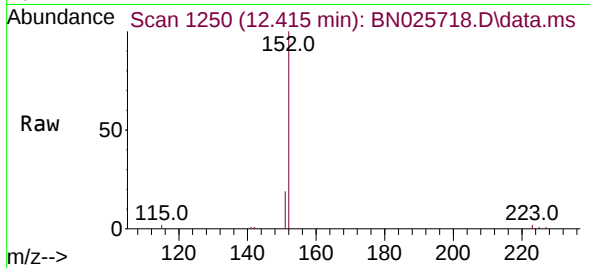
Tgt Ion:225 Resp: 2565
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.1 48.4 72.6





#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.415 min Scan# 1250
Delta R.T. -0.008 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

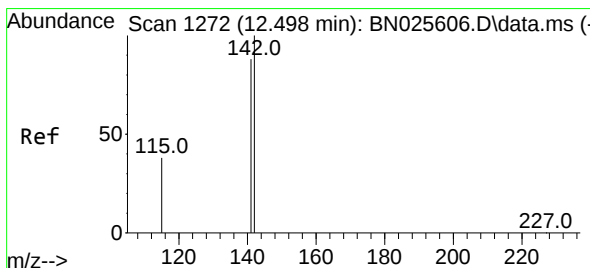
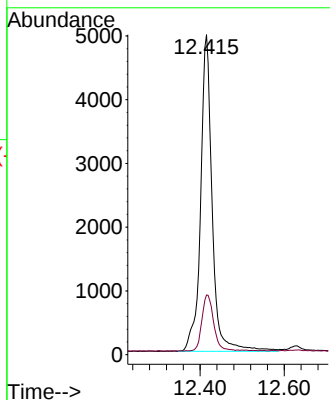
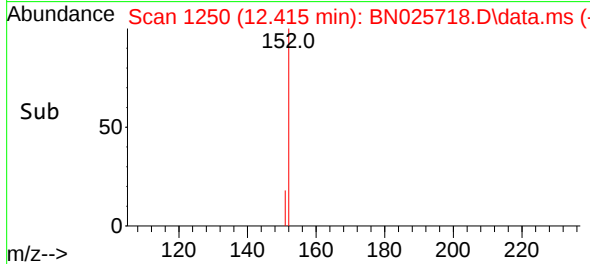
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD



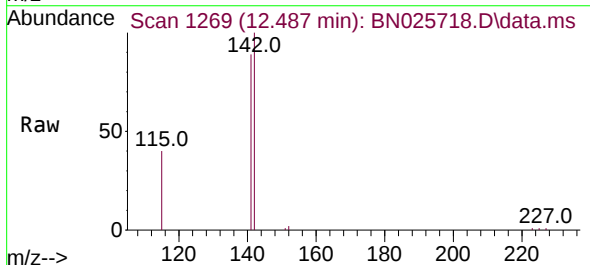
Tgt Ion:152 Resp: 947
Ion Ratio Lower Upper
152 100
151 18.0 16.1 24.1

Manual Integrations
APPROVED

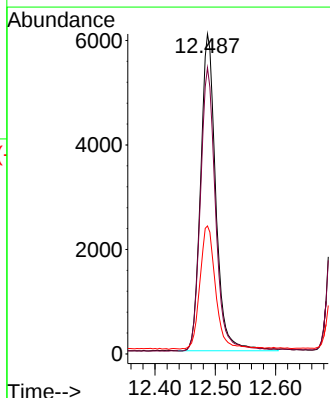
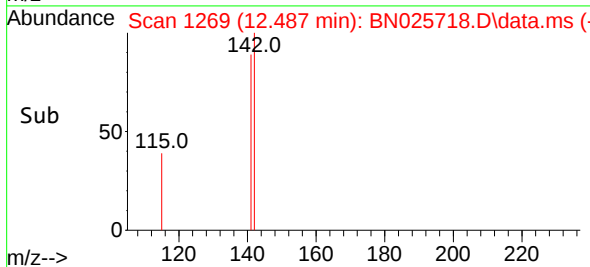
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023

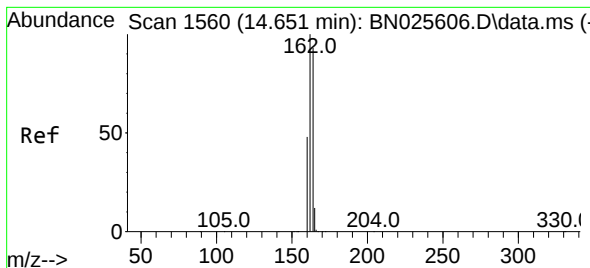


#12
2-Methylnaphthalene
Concen: 0.316 ng
RT: 12.487 min Scan# 1269
Delta R.T. -0.008 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00



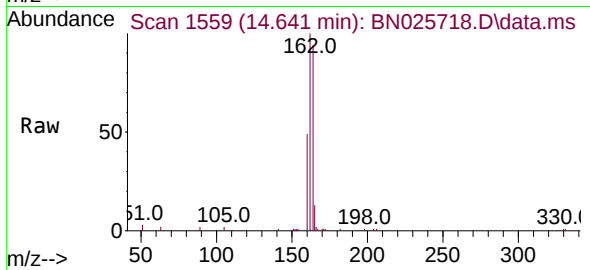
Tgt Ion:142 Resp: 10582
Ion Ratio Lower Upper
142 100
141 89.5 70.7 106.1
115 40.0 31.5 47.3





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.641 min Scan# 1559
Delta R.T. -0.011 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

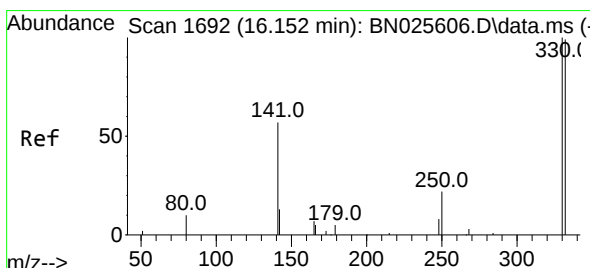
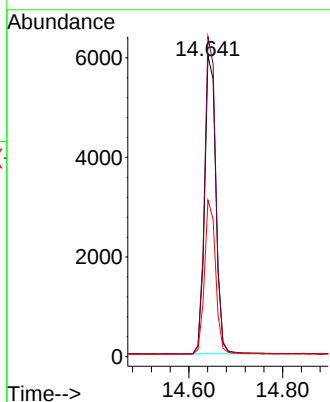
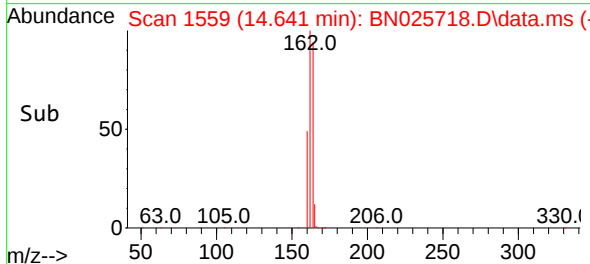
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD



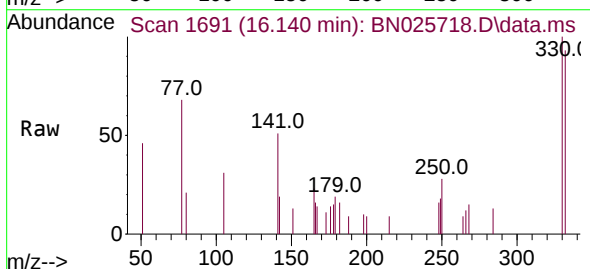
Tgt Ion:164 Resp: 997
Ion Ratio Lower Upper
164 100
162 106.4 86.4 129.6
160 52.0 41.9 62.9

Manual Integrations
APPROVED

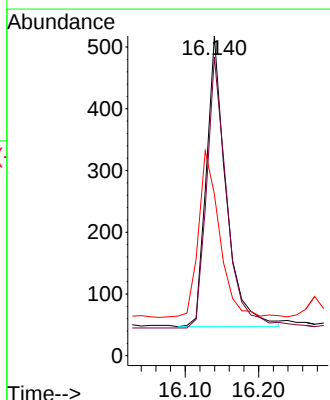
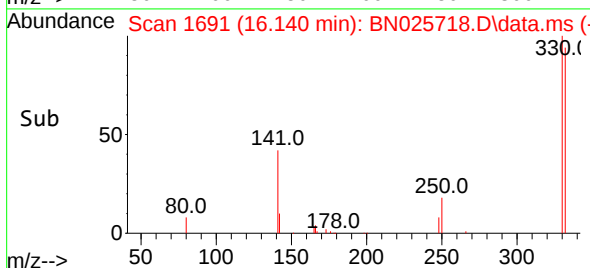
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023

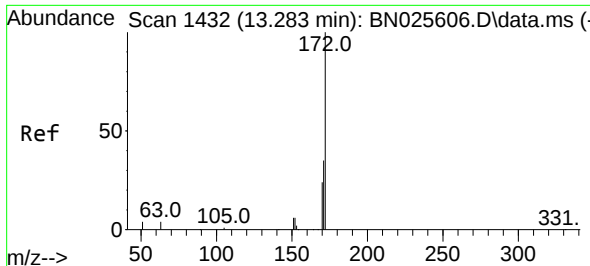


#14
2,4,6-Tribromophenol
Concen: 0.436 ng
RT: 16.140 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00



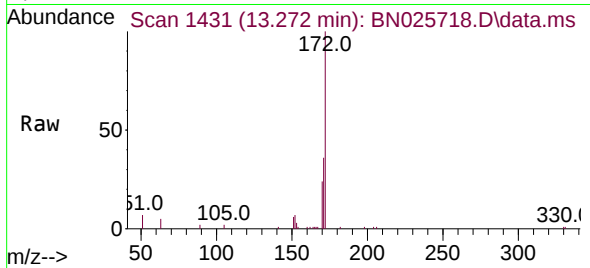
Tgt Ion:330 Resp: 879
Ion Ratio Lower Upper
330 100
332 95.9 80.0 120.0
141 61.5 45.8 68.6





#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.272 min Scan# 1432
Delta R.T. -0.011 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

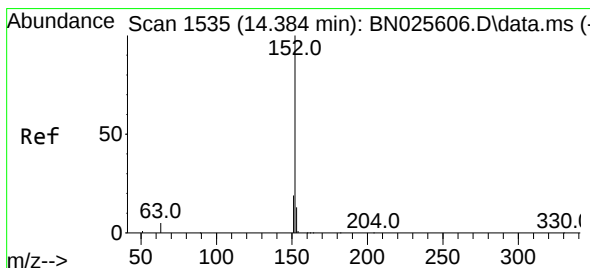
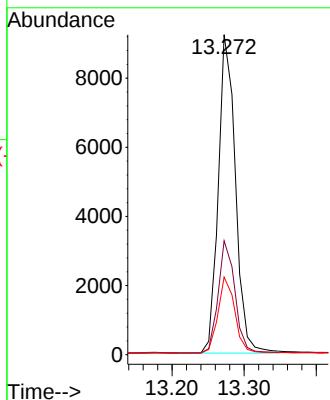
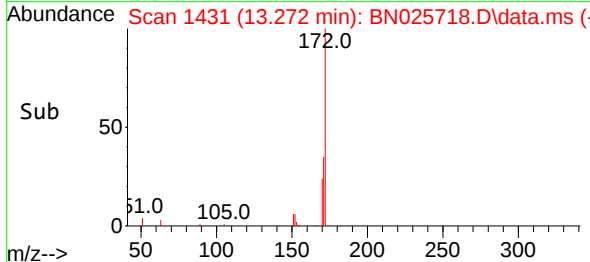
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD



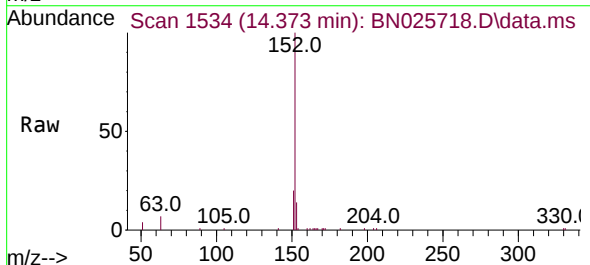
Tgt Ion:172 Resp: 1514
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.3 19.7 29.5

Manual Integrations
APPROVED

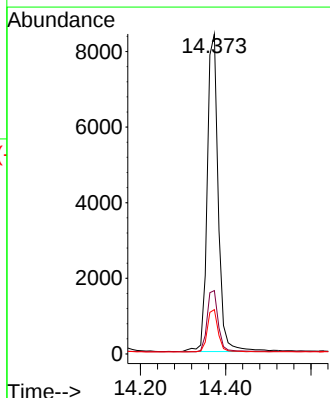
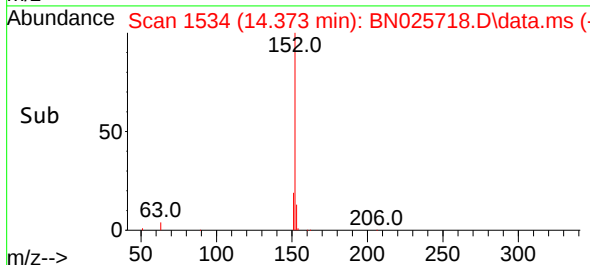
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023

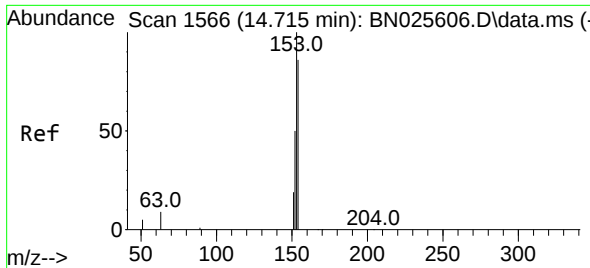


#16
Acenaphthylene
Concen: 0.320 ng
RT: 14.373 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00



Tgt Ion:152 Resp: 15072
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.3 10.6 15.8





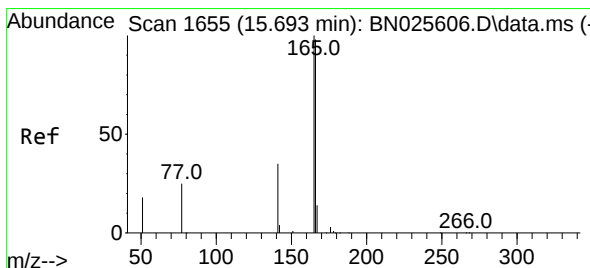
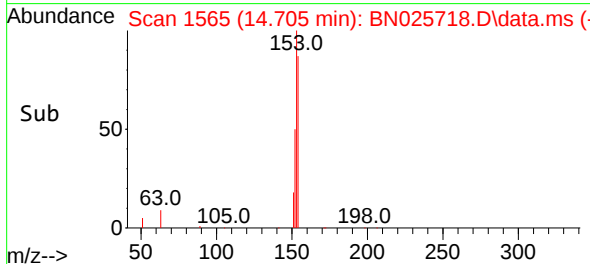
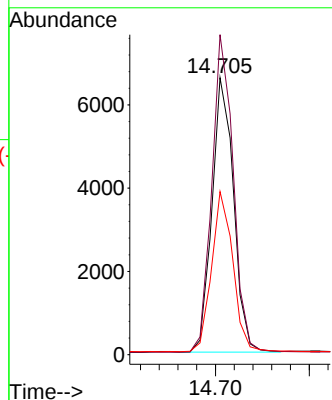
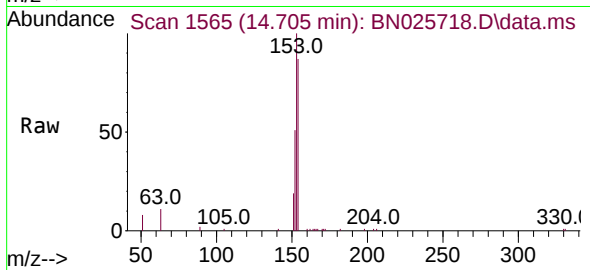
#17
Acenaphthene
Concen: 0.340 ng
RT: 14.705 min Scan# 1565
Delta R.T. -0.010 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD

Tgt Ion:154 Resp: 1052
Ion Ratio Lower Upper
154 100
153 115.0 91.9 137.9
152 57.8 45.4 68.2

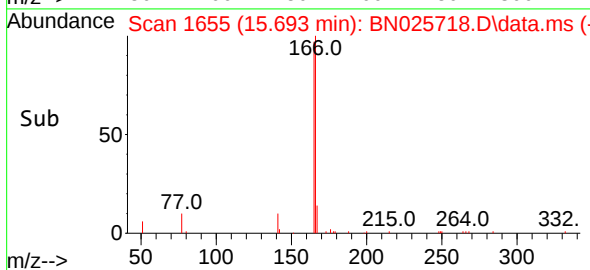
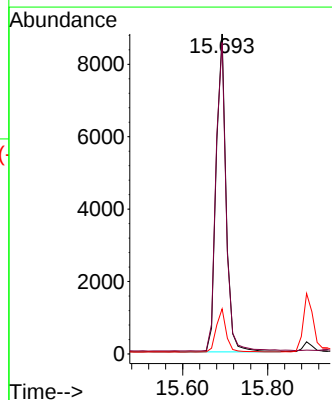
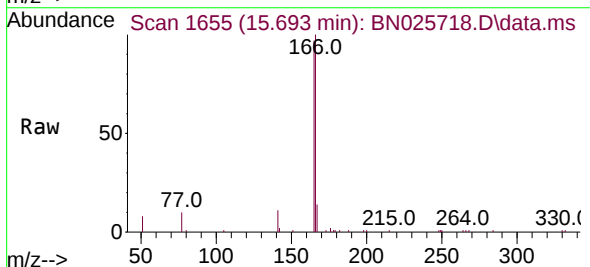
Manual Integrations
APPROVED

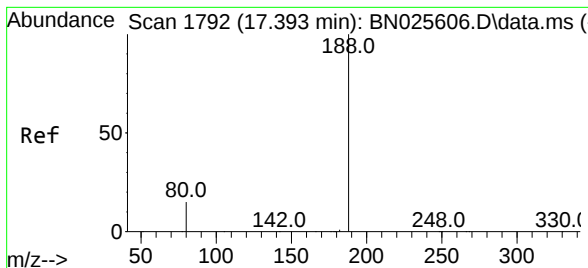
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#18
Fluorene
Concen: 0.347 ng
RT: 15.693 min Scan# 1655
Delta R.T. 0.000 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

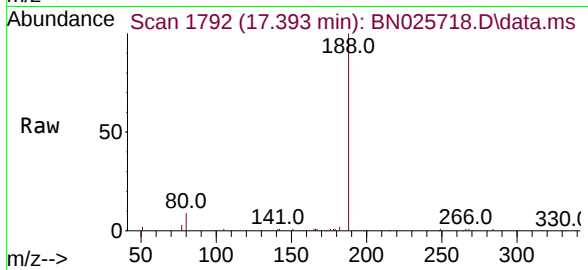
Tgt Ion:166 Resp: 14241
Ion Ratio Lower Upper
166 100
165 99.3 79.3 118.9
167 13.6 10.7 16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

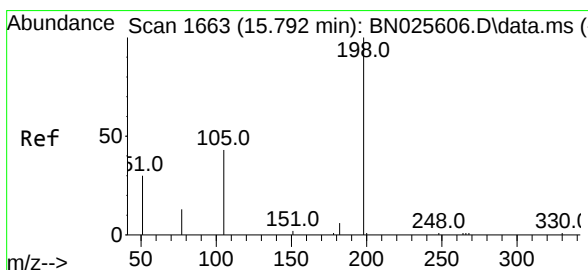
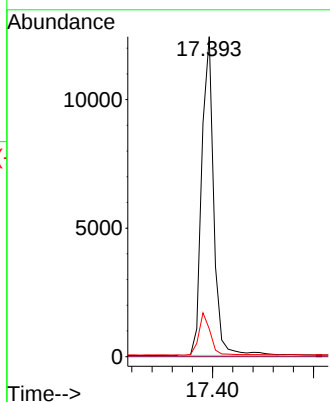
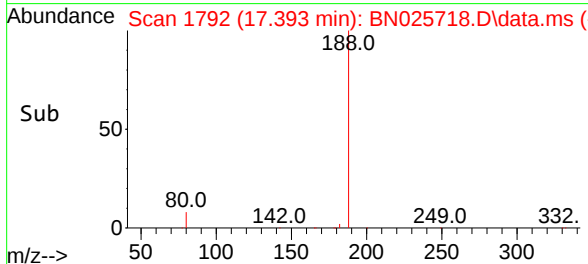
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD



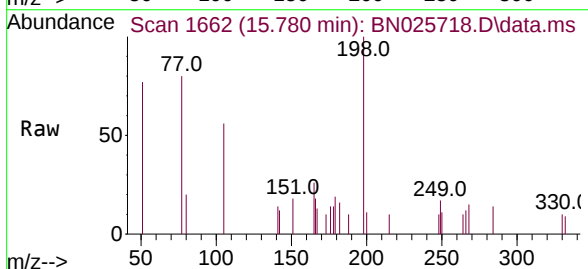
Tgt Ion:188 Resp: 2054
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 12.2 18.2

Manual Integrations
APPROVED

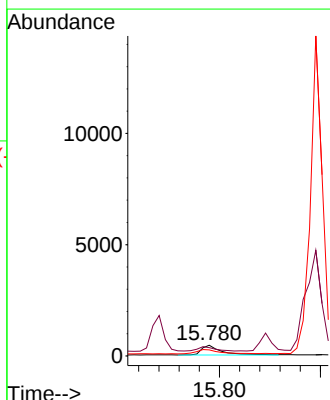
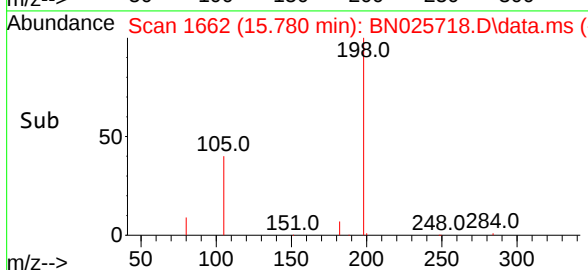
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023

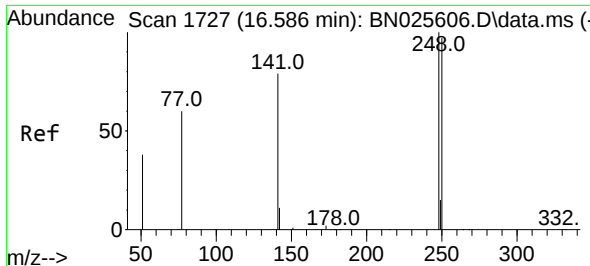


#20
4,6-Dinitro-2-methylphenol
Concen: 0.522 ng
RT: 15.780 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00



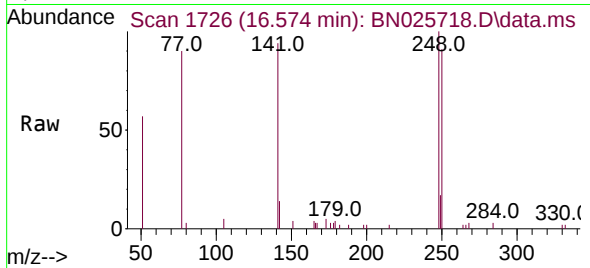
Tgt Ion:198 Resp: 1174
Ion Ratio Lower Upper
198 100
51 76.9 110.8 166.2#
105 56.0 61.9 92.9#





#21
4-Bromophenyl-phenylether
Concen: 0.345 ng
RT: 16.574 min Scan# 1726
Delta R.T. -0.012 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

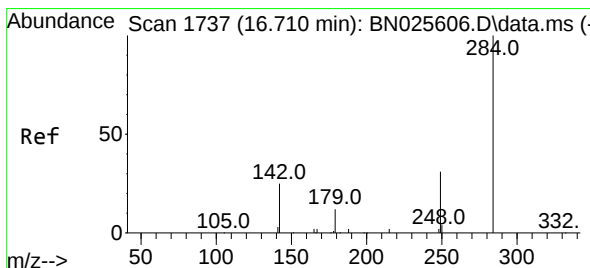
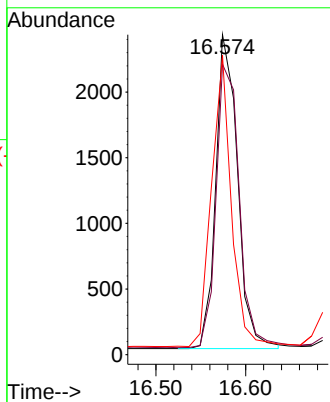
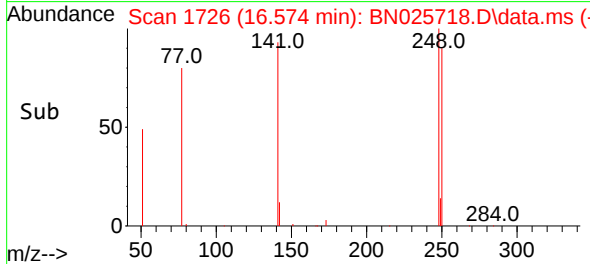
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD



Tgt Ion:248 Resp: 4029
Ion Ratio Lower Upper
248 100
250 90.8 77.5 116.3
141 93.6 64.0 96.0

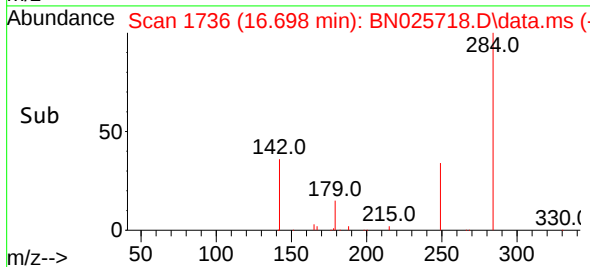
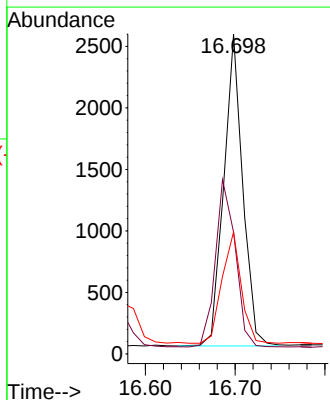
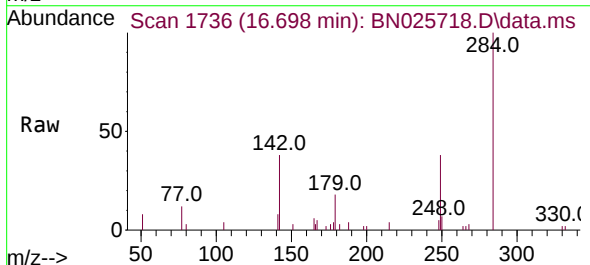
Manual Integrations
APPROVED

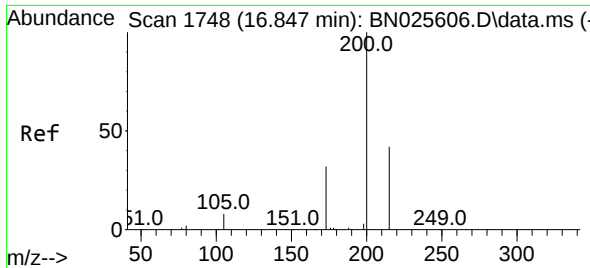
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#22
Hexachlorobenzene
Concen: 0.349 ng
RT: 16.698 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

Tgt Ion:284 Resp: 3717
Ion Ratio Lower Upper
284 100
142 56.5 42.0 63.0
249 36.2 28.6 43.0





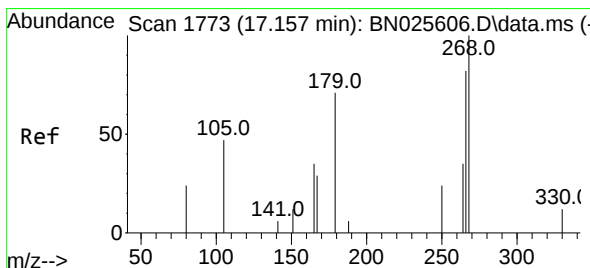
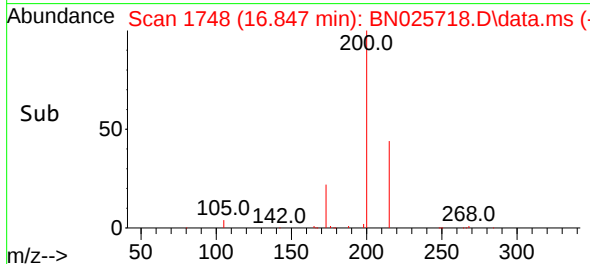
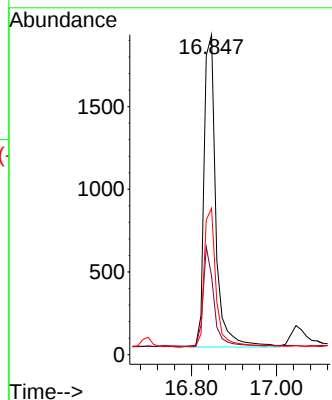
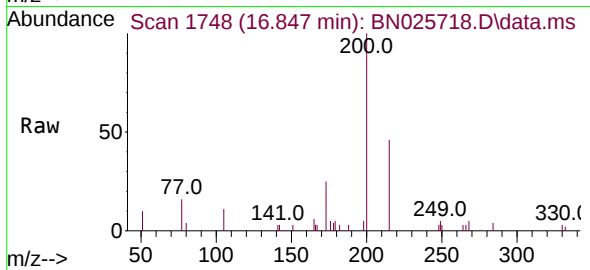
#23
Atrazine
Concen: 0.392 ng
RT: 16.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD

Tgt Ion:200 Resp: 364
Ion Ratio Lower Upper
200 100
173 24.5 27.9 41.9
215 45.7 35.1 52.7

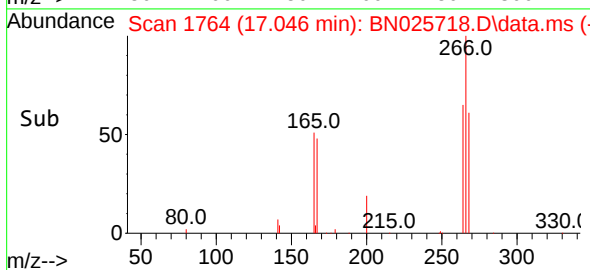
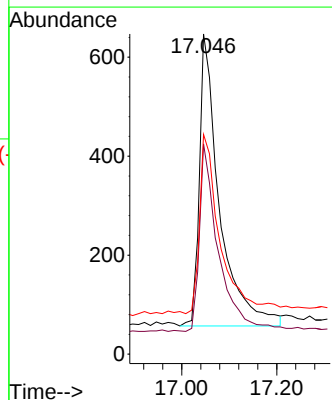
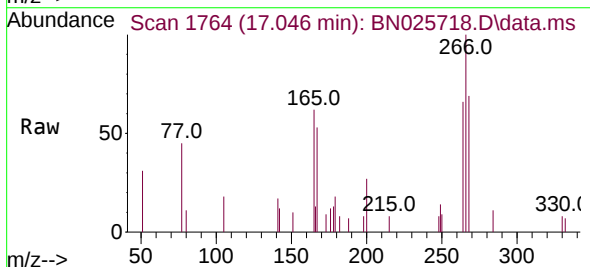
Manual Integrations
APPROVED

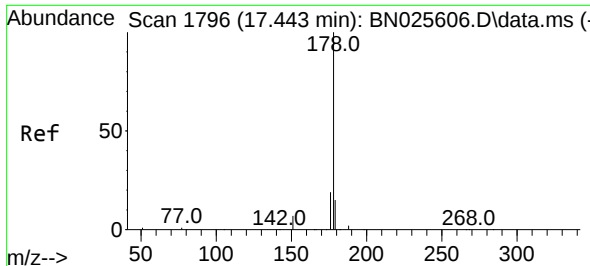
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#24
Pentachlorophenol
Concen: 1.264 ng
RT: 17.046 min Scan# 1764
Delta R.T. -0.025 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

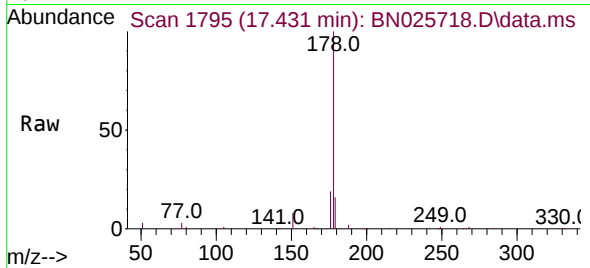
Tgt Ion:266 Resp: 1732
Ion Ratio Lower Upper
266 100
264 61.2 60.0 90.0
268 63.4 0.0 0.0#





#25
Phenanthrene
Concen: 0.372 ng
RT: 17.431 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

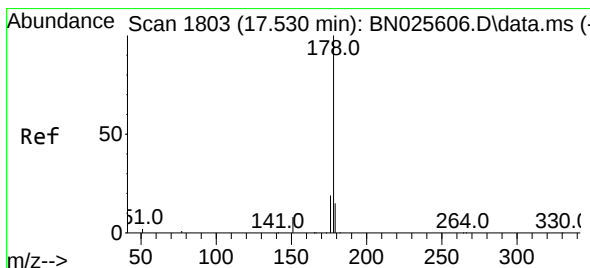
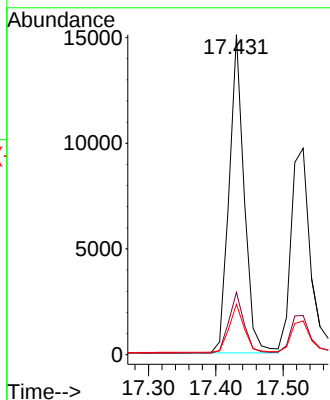
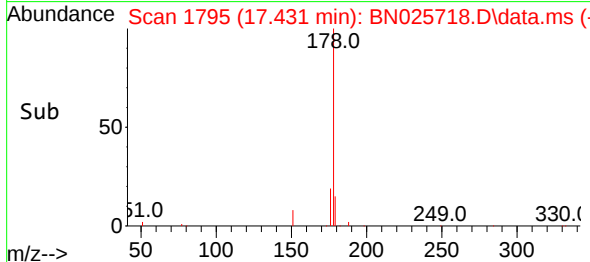
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD



Tgt Ion:178 Resp: 23248
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.6 19.0

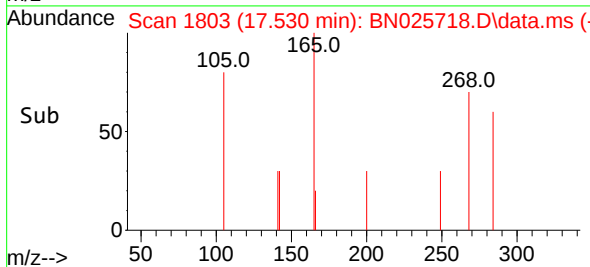
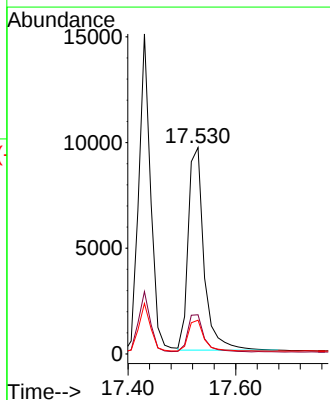
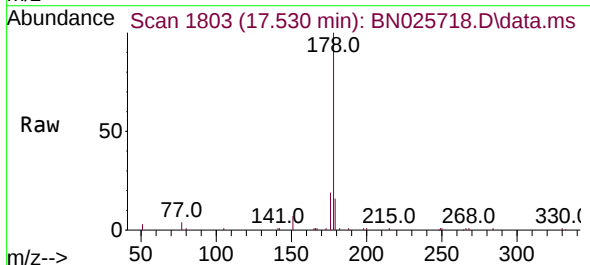
Manual Integrations
APPROVED

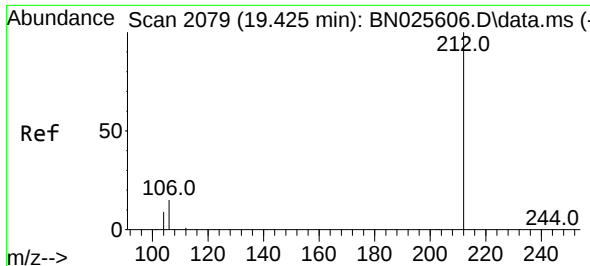
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#26
Anthracene
Concen: 0.345 ng
RT: 17.530 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

Tgt Ion:178 Resp: 19525
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.1 12.2 18.2





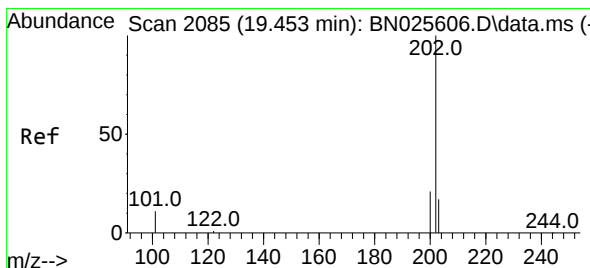
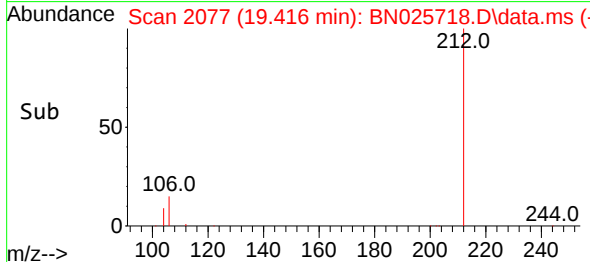
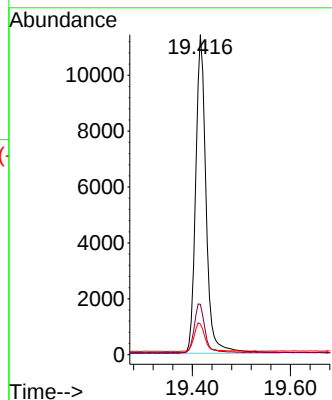
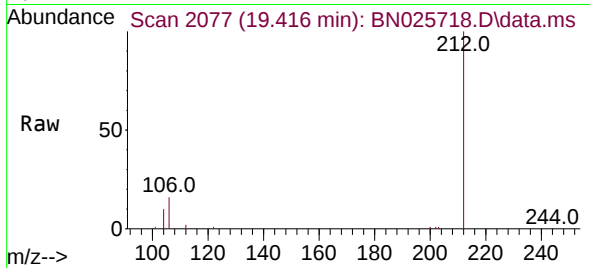
#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.416 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD

Tgt Ion:212 Resp: 16749
Ion Ratio Lower Upper
212 100
106 15.8 12.3 18.5
104 9.2 7.2 10.8

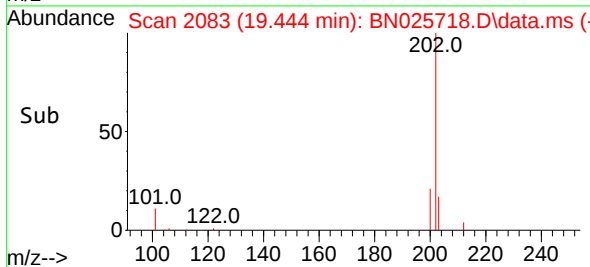
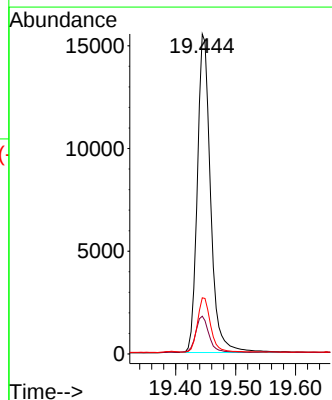
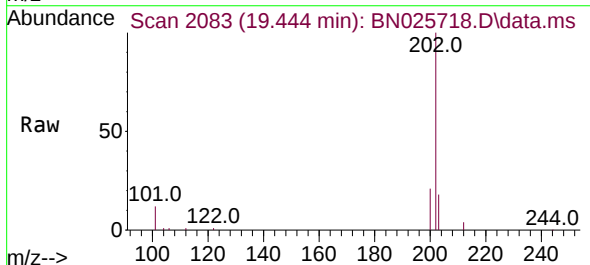
Manual Integrations
APPROVED

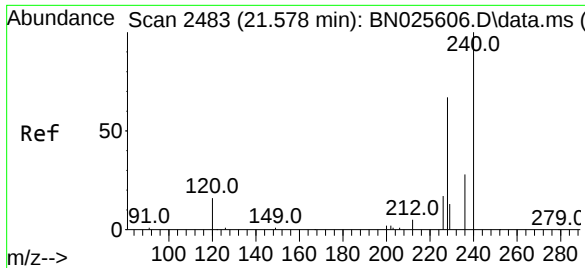
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#28
Fluoranthene
Concen: 0.348 ng
RT: 19.444 min Scan# 2083
Delta R.T. -0.009 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

Tgt Ion:202 Resp: 23737
Ion Ratio Lower Upper
202 100
101 11.7 9.2 13.8
203 17.2 13.3 19.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.569 min Scan# 2482

Delta R.T. -0.009 min

Lab File: BN025718.D

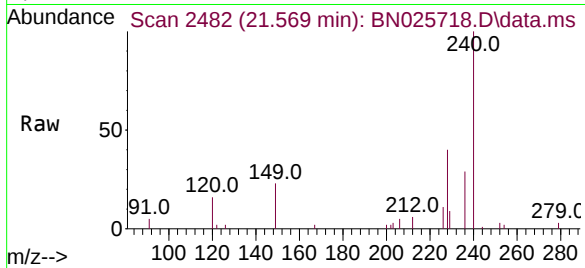
Acq: 30 May 2023 14:00

Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20230523MSD



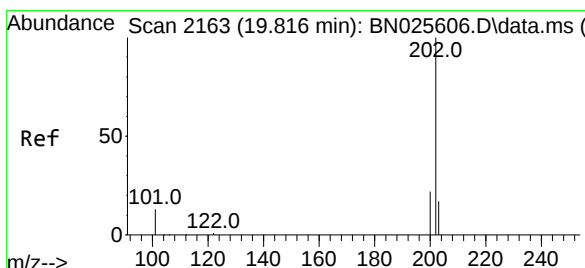
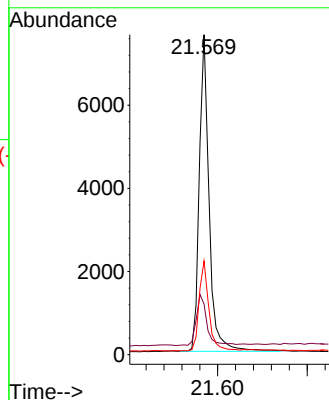
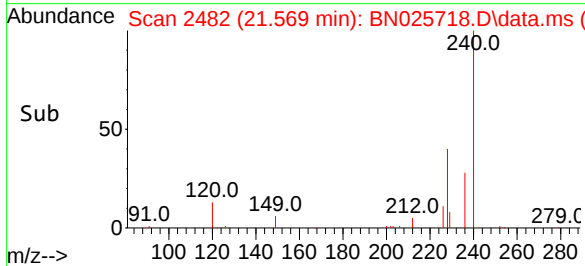
Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.8	15.4	23.0
236	29.2	23.2	34.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#30

Pyrene

Concen: 0.427 ng

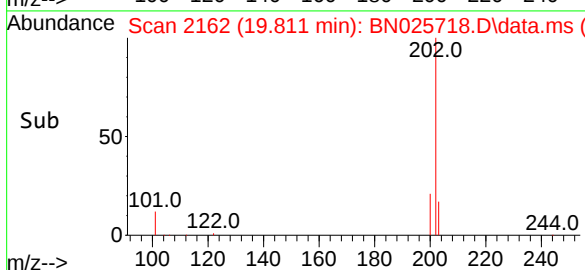
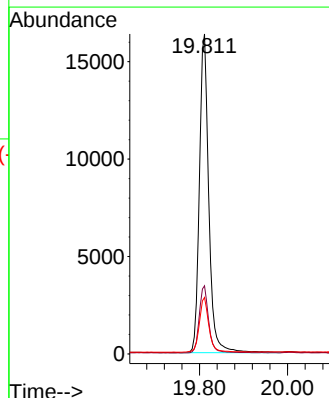
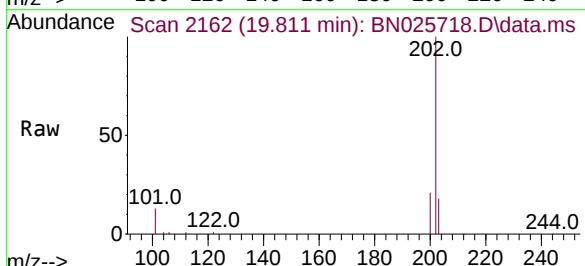
RT: 19.811 min Scan# 2162

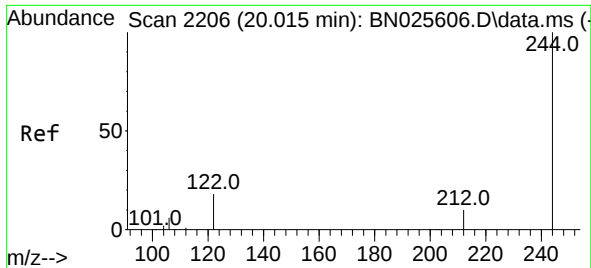
Delta R.T. -0.005 min

Lab File: BN025718.D

Acq: 30 May 2023 14:00

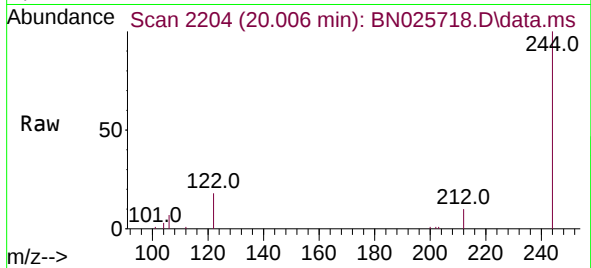
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	17.4	14.5	21.7





#31
Terphenyl-d14
Concen: 0.483 ng
RT: 20.006 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

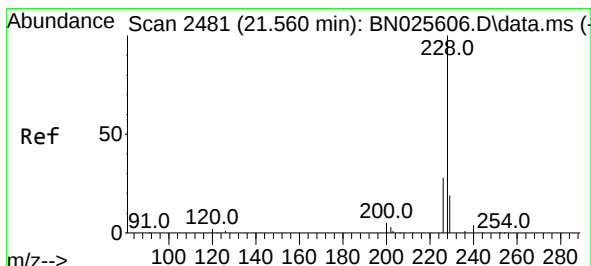
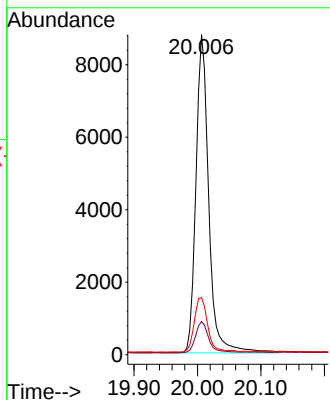
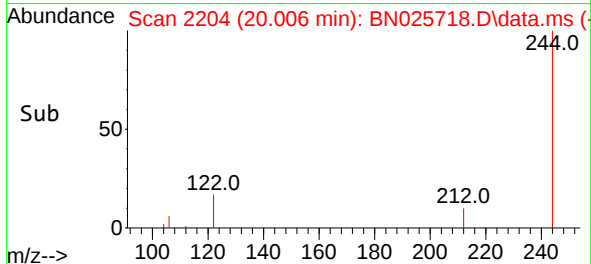
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD



Tgt Ion:244 Resp: 1230
Ion Ratio Lower Upper
244 100
212 10.3 8.5 12.7
122 17.8 14.9 22.3

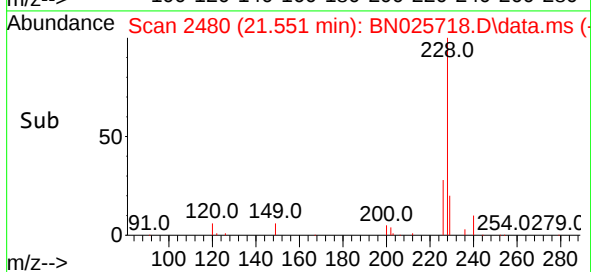
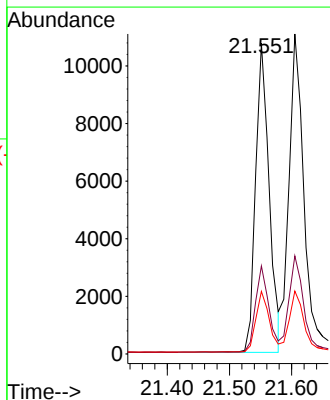
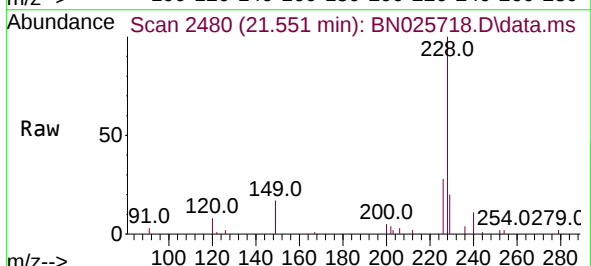
Manual Integrations
APPROVED

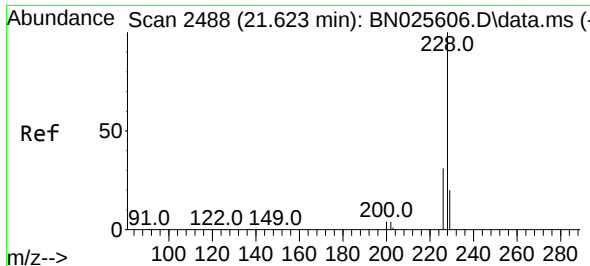
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#32
Benzo(a)anthracene
Concen: 0.375 ng
RT: 21.551 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

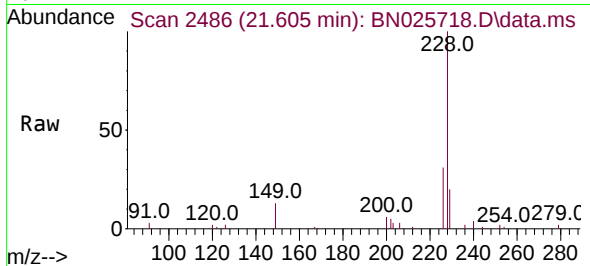
Tgt Ion:228 Resp: 16257
Ion Ratio Lower Upper
228 100
226 28.3 22.9 34.3
229 20.1 15.9 23.9





#33
Chrysene
Concen: 0.384 ng
RT: 21.605 min Scan# 2488
Delta R.T. -0.009 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

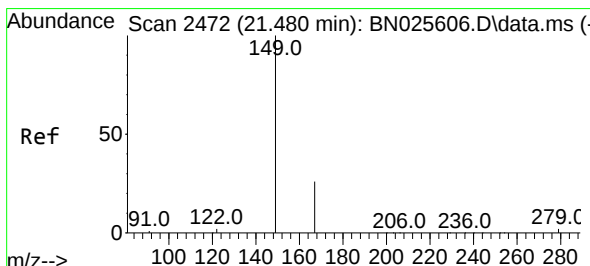
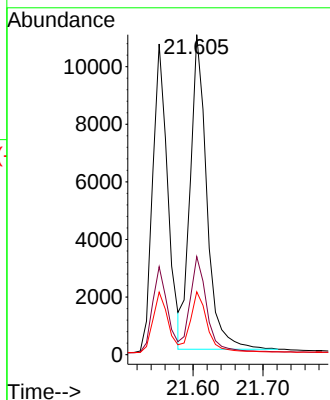
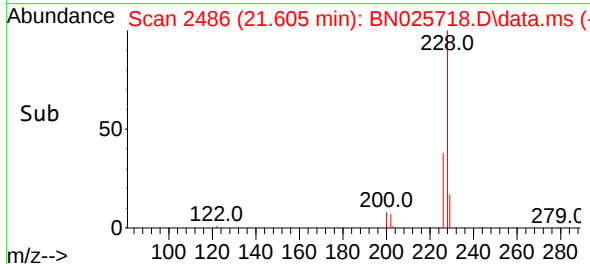
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD



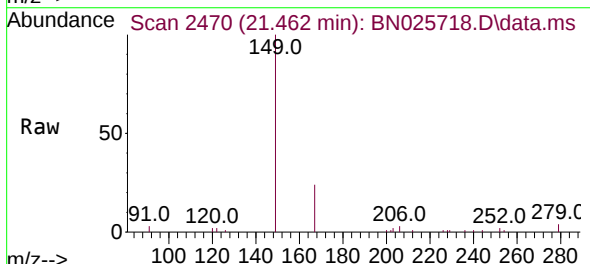
Tgt Ion:228 Resp: 1802
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 19.6 16.2 24.4

Manual Integrations
APPROVED

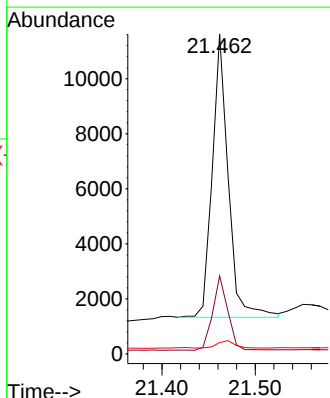
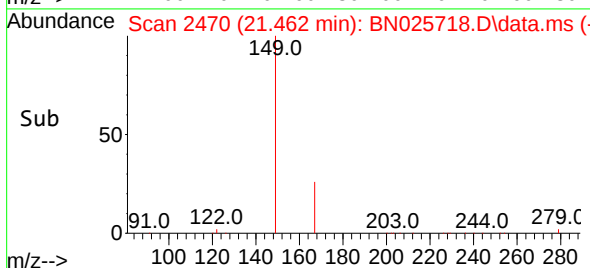
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023

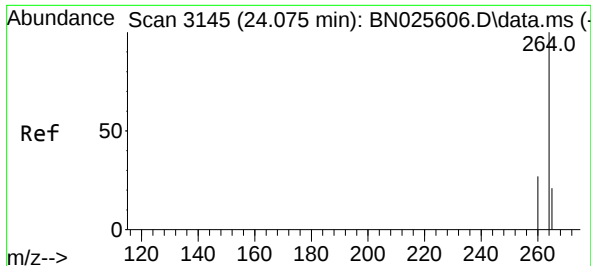


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.463 ng
RT: 21.462 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00



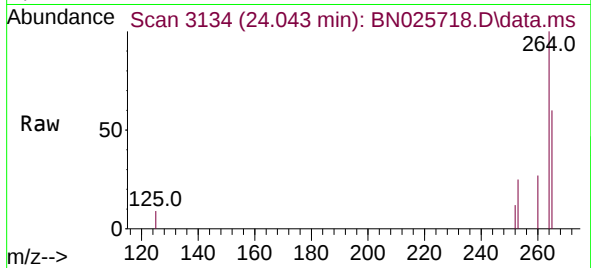
Tgt Ion:149 Resp: 12212
Ion Ratio Lower Upper
149 100
167 24.8 20.4 30.6
279 2.8 3.3 4.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.043 min Scan# 3145
 Delta R.T. -0.026 min
 Lab File: BN025718.D
 Acq: 30 May 2023 14:00

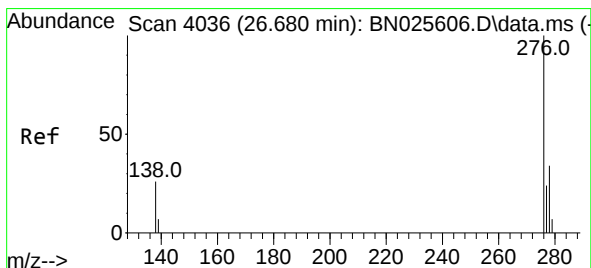
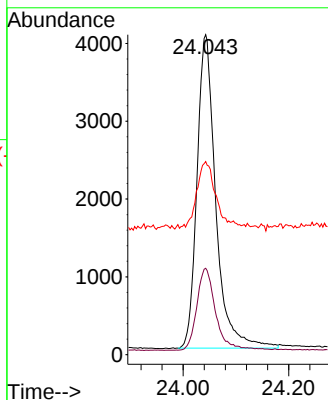
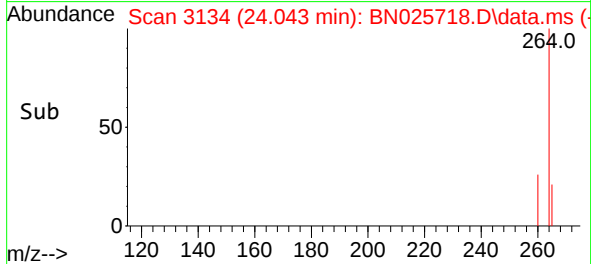
Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20230523MSD



Tgt Ion:264 Resp: 9948
 Ion Ratio Lower Upper
 264 100
 260 27.0 22.3 33.5
 265 60.3 54.3 81.5

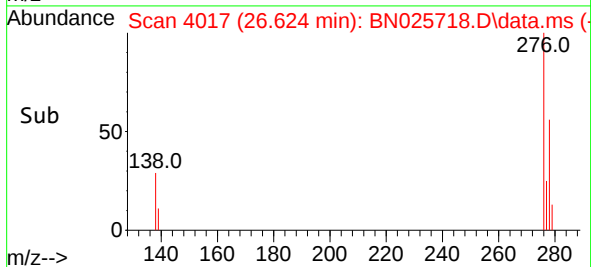
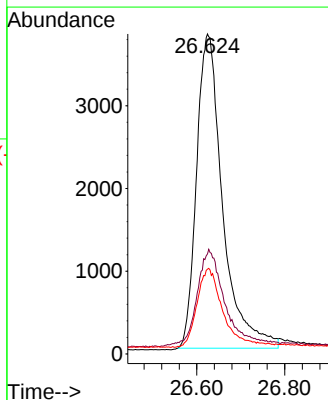
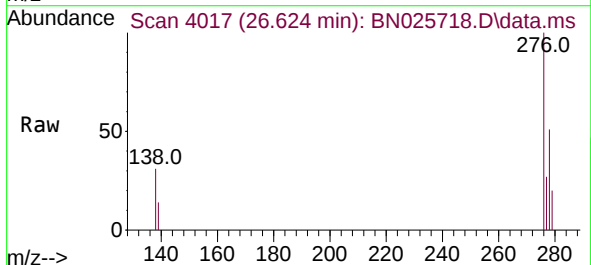
Manual Integrations
 APPROVED

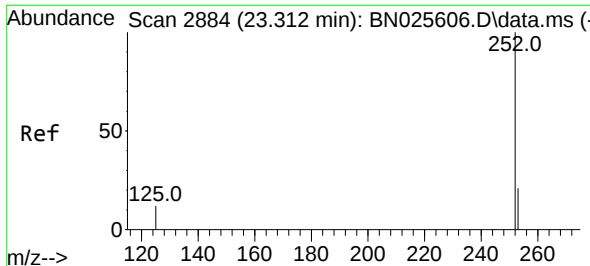
Reviewed By :Christian Giraldo 05/31/2023
 Supervised By :Jagrut Upadhyay 05/31/2023



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.410 ng
 RT: 26.624 min Scan# 4017
 Delta R.T. -0.056 min
 Lab File: BN025718.D
 Acq: 30 May 2023 14:00

Tgt Ion:276 Resp: 15661
 Ion Ratio Lower Upper
 276 100
 138 28.7 10.5 15.7#
 277 24.3 9.2 13.8#





#37

Benzo(b)fluoranthene

Concen: 0.410 ng

RT: 23.282 min Scan# 2874

Delta R.T. -0.020 min

Lab File: BN025718.D

Acq: 30 May 2023 14:00

Instrument :

BNA_N

ClientSampleId :

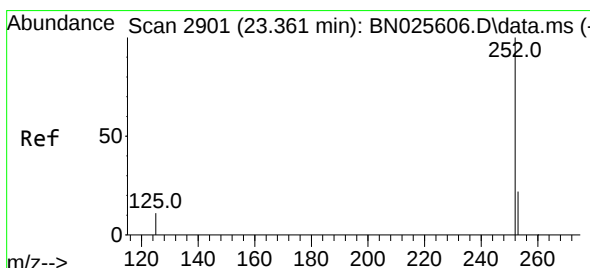
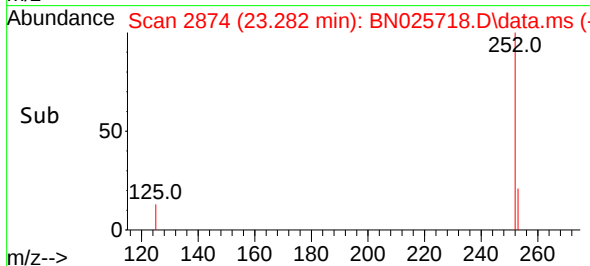
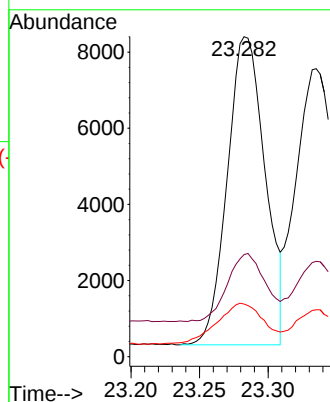
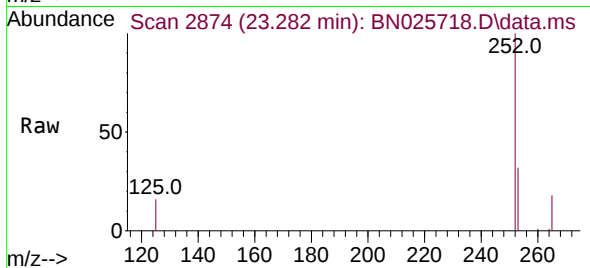
GM38-RW3-MW1-20230523MSD

Tgt Ion:	252	Resp:	1553
Ion Ratio	Lower	Upper	
252	100		
253	31.9	26.2	39.4
125	16.5	12.9	19.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#38

Benzo(k)fluoranthene

Concen: 0.386 ng

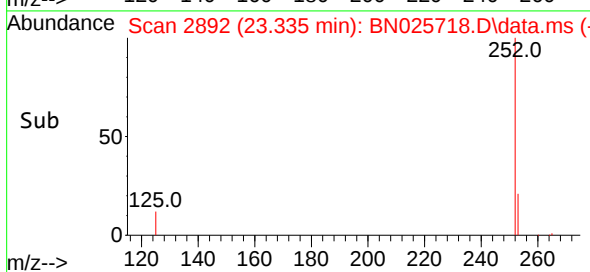
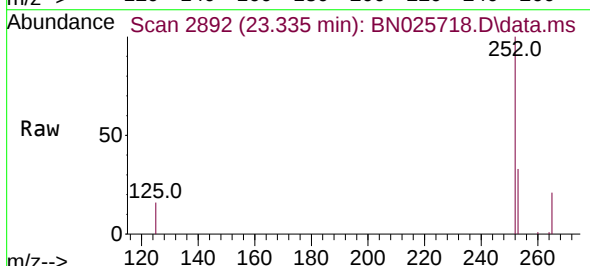
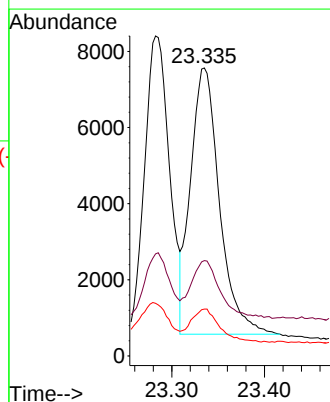
RT: 23.335 min Scan# 2892

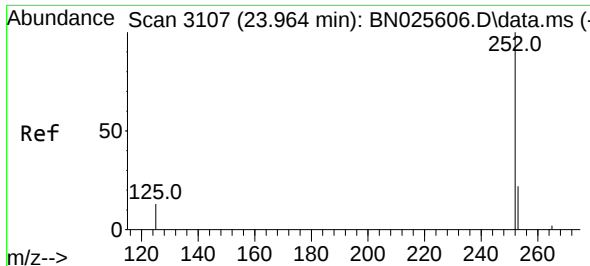
Delta R.T. -0.020 min

Lab File: BN025718.D

Acq: 30 May 2023 14:00

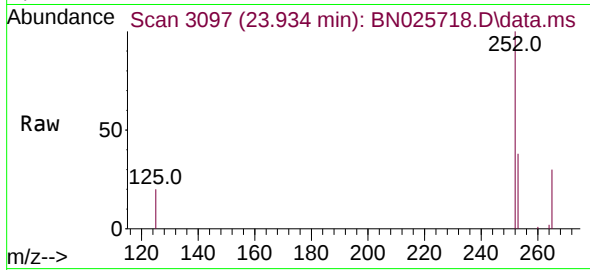
Tgt Ion:	252	Resp:	15210
Ion Ratio	Lower	Upper	
252	100		
253	33.1	26.1	39.1
125	16.3	12.5	18.7





#39
Benzo(a)pyrene
Concen: 0.349 ng
RT: 23.934 min Scan# 3097
Delta R.T. -0.020 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

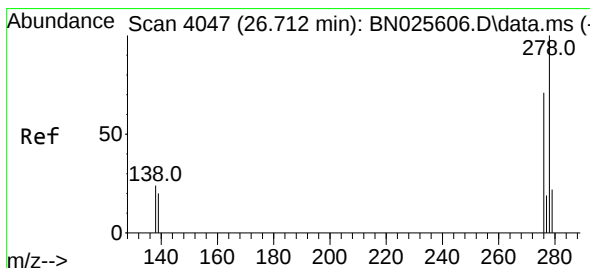
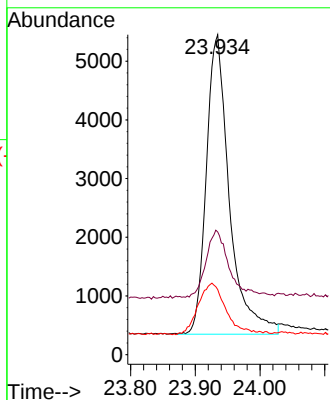
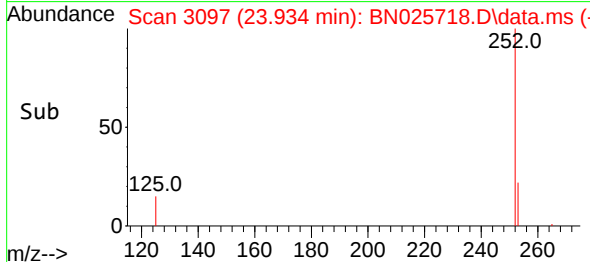
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD



Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.4	30.2	45.2
125	20.3	14.8	22.2

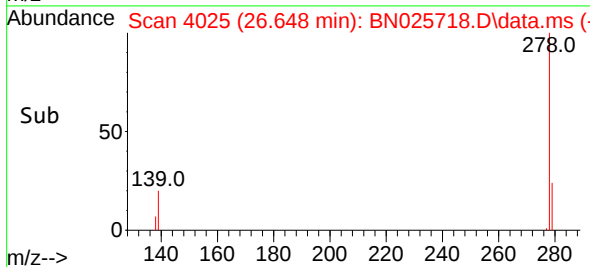
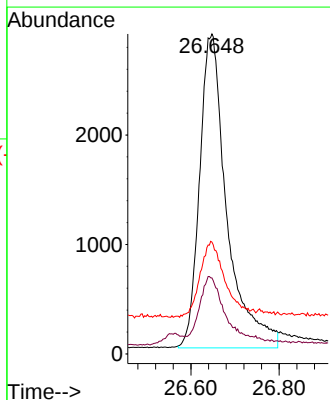
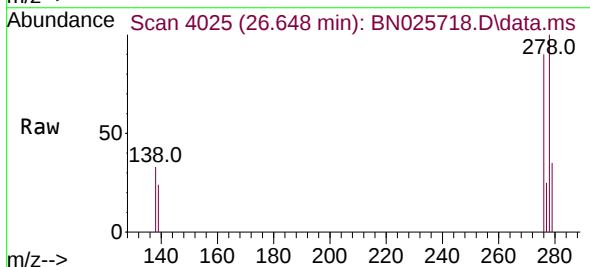
Manual Integrations
APPROVED

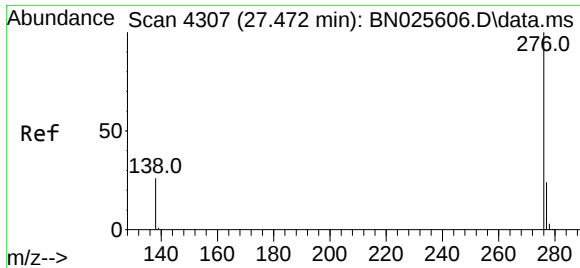
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#40
Dibenzo(a,h)anthracene
Concen: 0.408 ng m
RT: 26.648 min Scan# 4025
Delta R.T. -0.056 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

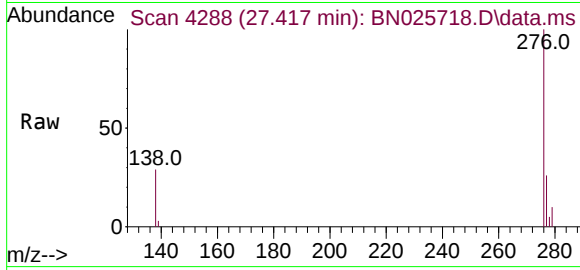
Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.7	18.6	28.0
279	35.0	27.8	41.8





#41
Benzo(g,h,i)perylene
Concen: 0.408 ng
RT: 27.417 min Scan# 41
Delta R.T. -0.053 min
Lab File: BN025718.D
Acq: 30 May 2023 14:00

Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD



Tgt Ion:276 Resp: 1405
Ion Ratio Lower Upper
276 100
277 25.6 21.4 32.0
138 29.2 22.8 34.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023

