

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025683.D
 Acq On : 28 May 2023 16:14
 Operator : CG/JU
 Sample : PB153051BS
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB153051BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/30/2023
 Supervised By : Yogesh Patel 05/31/2023

Quant Time: May 29 01:39:33 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	8.019	152	5366	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	15428	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	8893	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	18086	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	9541	0.400	ng	0.00
35) Perylene-d12	24.063	264	8764	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	5549	0.404	ng	0.00
5) Phenol-d6	7.167	99	6779	0.411	ng	0.00
8) Nitrobenzene-d5	9.180	82	5100	0.395	ng	-0.01
11) 2-Methylnaphthalene-d10	12.419	152	8919	0.405	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	900	0.501	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	14855	0.405	ng	0.00
27) Fluoranthene-d10	19.421	212	15587	0.380	ng	0.00
31) Terphenyl-d14	20.016	244	9410	0.450	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	2658	0.428	ng	99
3) n-Nitrosodimethylamine	3.744	42	2225	0.332	ng	# 92
6) bis(2-Chloroethyl)ether	7.434	93	7141	0.421	ng	99
9) Naphthalene	10.889	128	17574	0.416	ng	99
10) Hexachlorobutadiene	11.166	225	2986	0.408	ng	# 98
12) 2-Methylnaphthalene	12.491	142	11940	0.411	ng	98
16) Acenaphthylene	14.373	152	16797	0.400	ng	99
17) Acenaphthene	14.715	154	11374	0.411	ng	99
18) Fluorene	15.693	166	14801	0.405	ng	99
20) 4,6-Dinitro-2-methylph...	15.780	198	1014	0.515	ng	# 71
21) 4-Bromophenyl-phenylether	16.586	248	4201	0.409	ng	# 86
22) Hexachlorobenzene	16.698	284	3856	0.411	ng	99
23) Atrazine	16.847	200	3175	0.388	ng	94
24) Pentachlorophenol	17.071	266	510	0.745	ng	# 84
25) Phenanthrene	17.430	178	22794	0.414	ng	99
26) Anthracene	17.530	178	19882	0.399	ng	100
28) Fluoranthene	19.453	202	22835	0.380	ng	100
30) Pyrene	19.816	202	22745	0.490	ng	99
32) Benzo(a)anthracene	21.569	228	14547	0.409	ng	99
33) Chrysene	21.623	228	16482	0.427	ng	100
34) Bis(2-ethylhexyl)phtha...	21.480	149	8861	0.409	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.653	276	15751	0.469	ng	# 63
37) Benzo(b)fluoranthene	23.303	252	13514	0.405	ng	98
38) Benzo(k)fluoranthene	23.350	252	14705m	0.423	ng	
39) Benzo(a)pyrene	23.952	252	13266	0.416	ng	98
40) Dibenzo(a,h)anthracene	26.677	278	12201	0.458	ng	97
41) Benzo(g,h,i)perylene	27.452	276	14422	0.475	ng	97

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

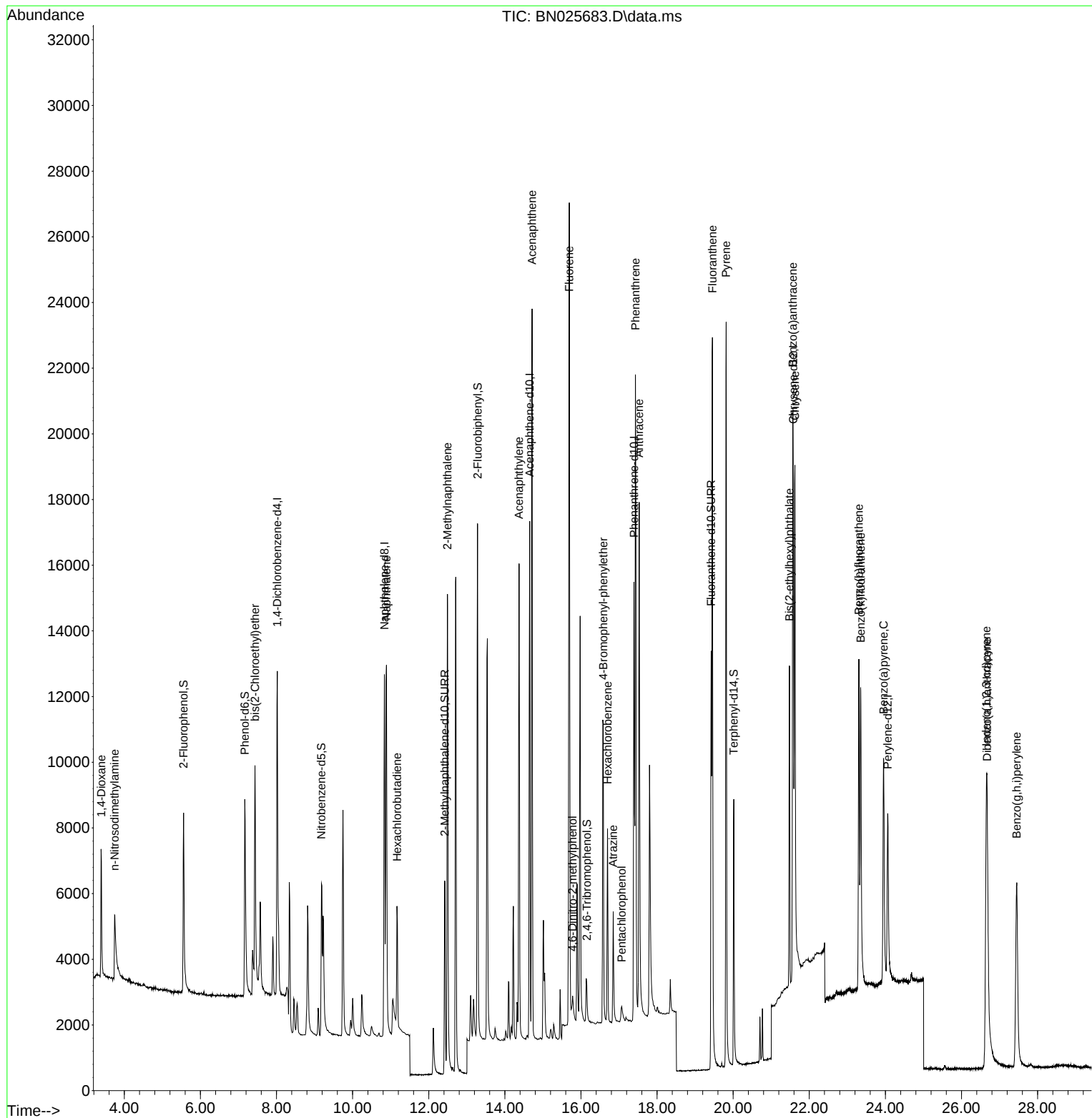
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025683.D
Acq On : 28 May 2023 16:14
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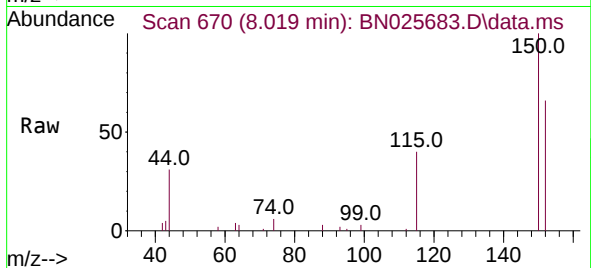
Quant Time: May 29 01:39:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.019 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025683.D
 Acq: 28 May 2023 16:14

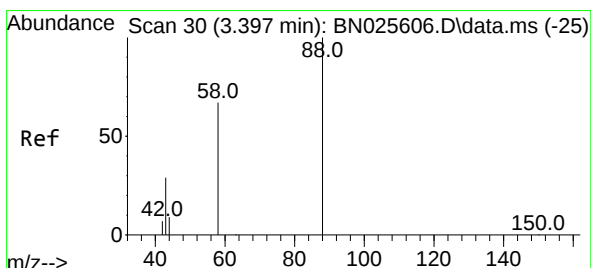
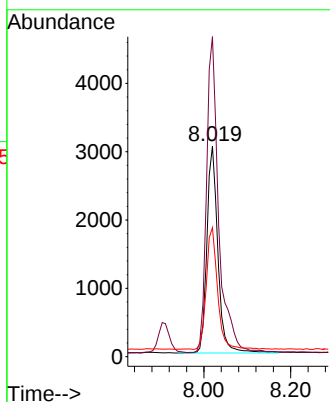
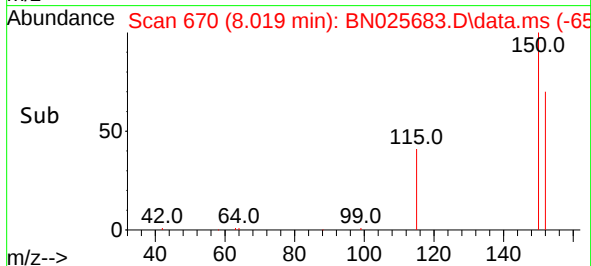
Instrument :
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 ClientSampleId :
 PB153051BS



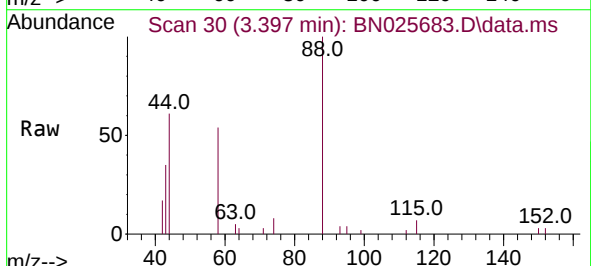
Tgt Ion: 152 Resp: 5360
 Ion Ratio Lower Upper
 152 100
 150 152.1 121.0 181.6
 115 61.3 48.5 72.7

Manual Integrations
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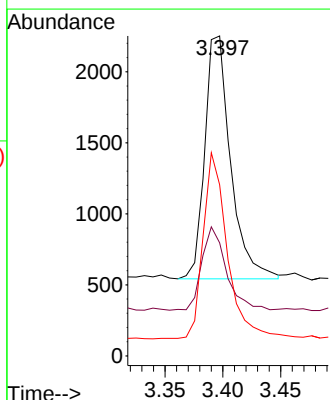
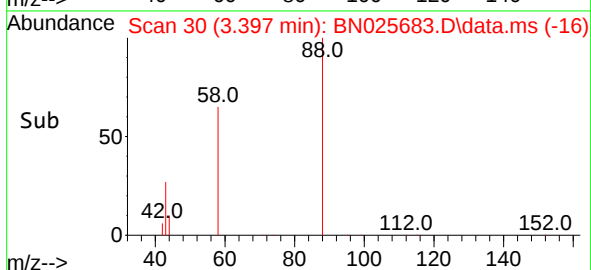
Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Yogesh Patel 05/31/2023

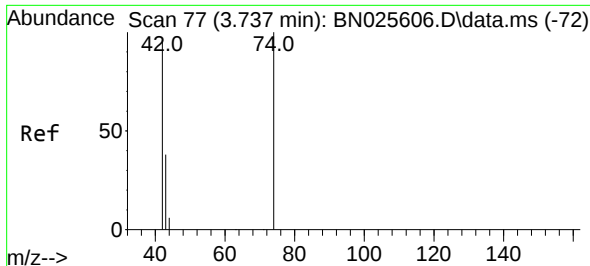


#2
 1,4-Dioxane
 Concen: 0.428 ng
 RT: 3.397 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN025683.D
 Acq: 28 May 2023 16:14



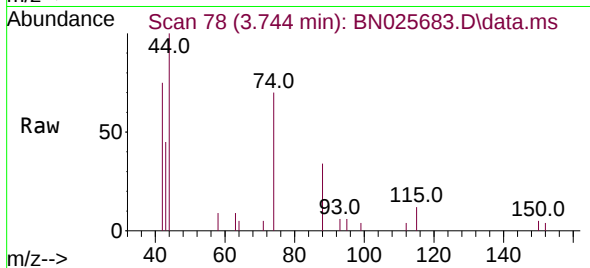
Tgt Ion: 88 Resp: 2658
 Ion Ratio Lower Upper
 88 100
 43 32.5 26.5 39.7
 58 72.2 56.8 85.2





#3
n-Nitrosodimethylamine
Concen: 0.332 ng
RT: 3.744 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

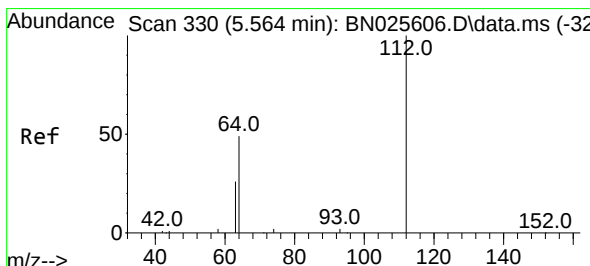
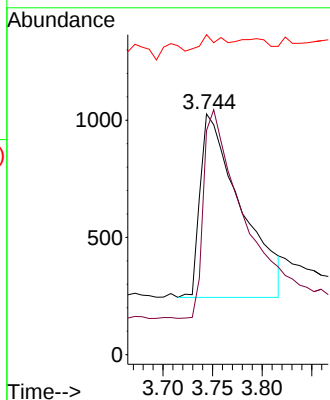
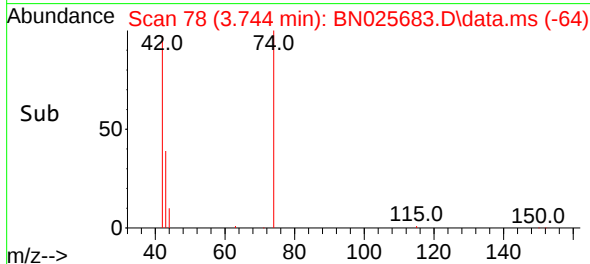
Instrument :
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PB153051BS



Tgt Ion: 42 Resp: 222
Ion Ratio Lower Upper
42 100
74 110.4 82.2 123.2
44 4.9 0.0 0.0

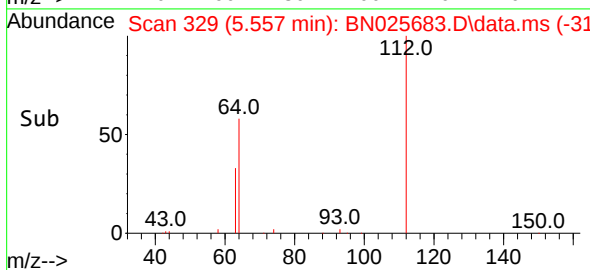
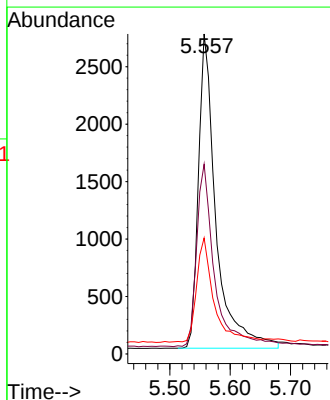
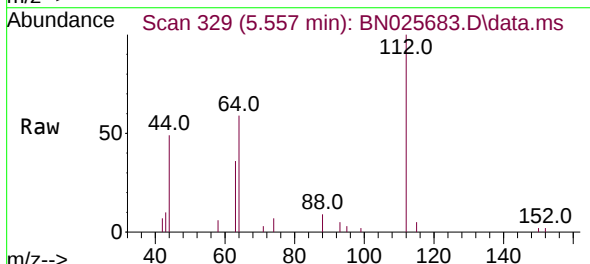
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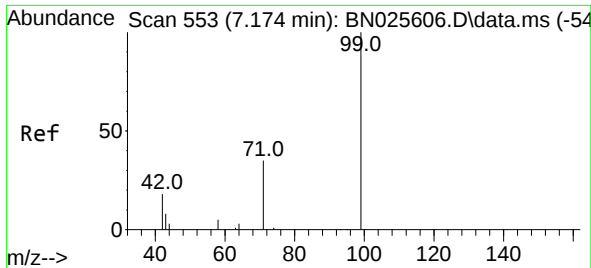
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023



#4
2-Fluorophenol
Concen: 0.404 ng
RT: 5.557 min Scan# 329
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

Tgt Ion:112 Resp: 5549
Ion Ratio Lower Upper
112 100
64 59.1 45.7 68.5
63 33.4 26.2 39.2





#5
Phenol-d6
Concen: 0.411 ng
RT: 7.167 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

Instrument :

BNA_N

ClientSampleId :

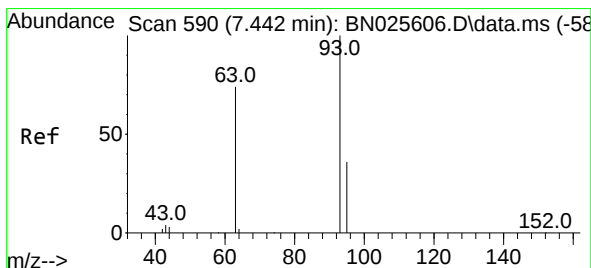
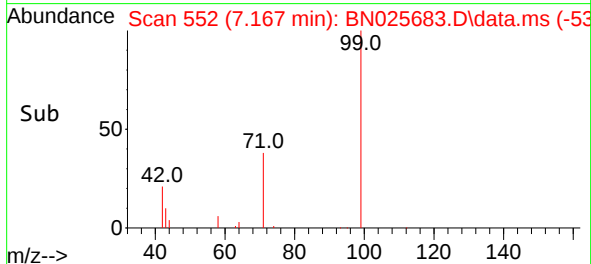
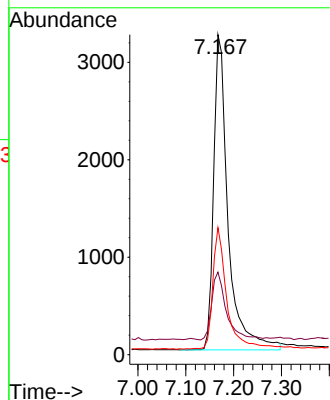
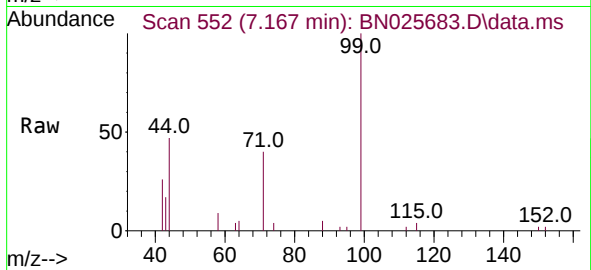
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Tgt Ion: 99 Resp: 6779
Ion Ratio Lower Upper
99 100
42 22.1 17.1 25.7
71 37.4 29.3 43.9

Manual Integrations

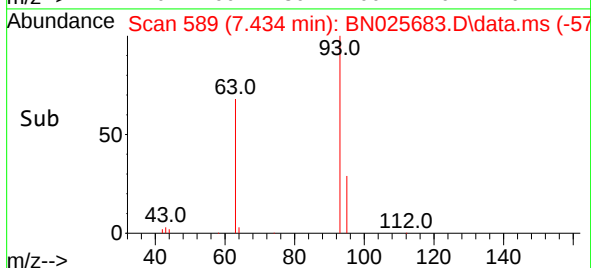
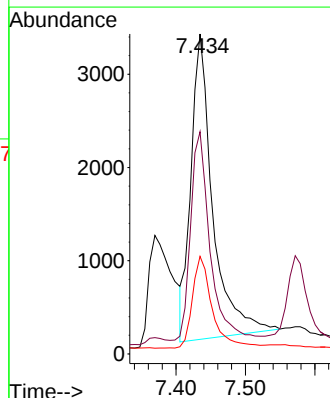
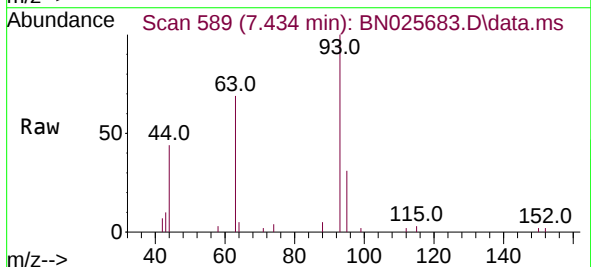
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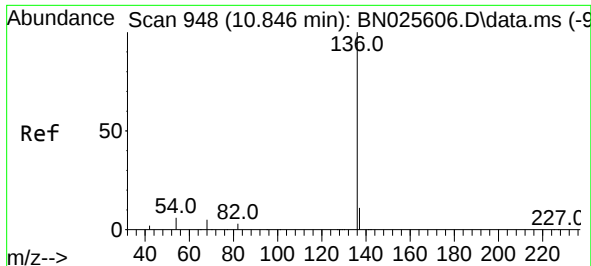
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.421 ng
RT: 7.434 min Scan# 589
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

Tgt Ion: 93 Resp: 7141
Ion Ratio Lower Upper
93 100
63 62.3 49.1 73.7
95 27.4 22.6 33.8





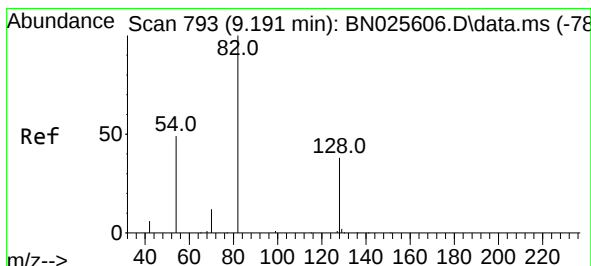
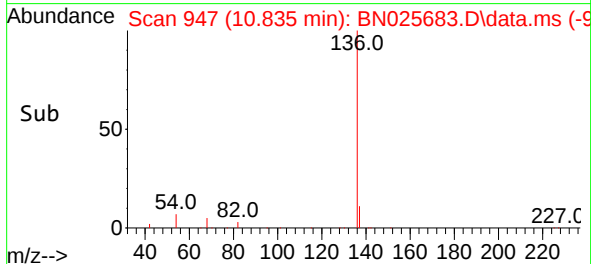
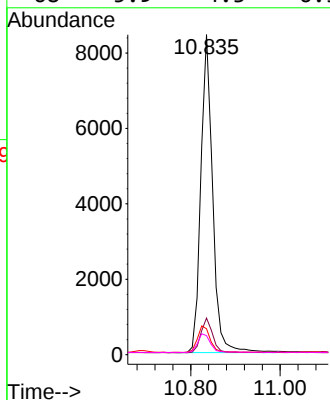
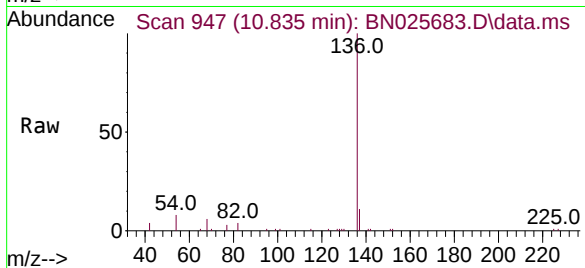
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

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Tgt Ion:136	Resp:	15428
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.1 13.7
54	8.1	5.4 8.0
68	5.9	4.3 6.5

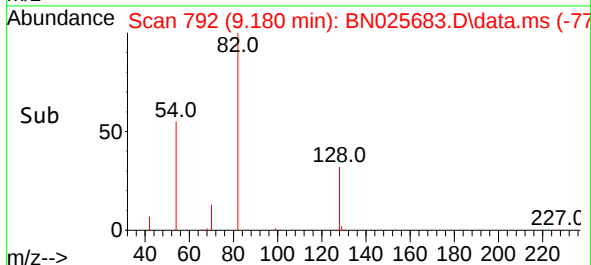
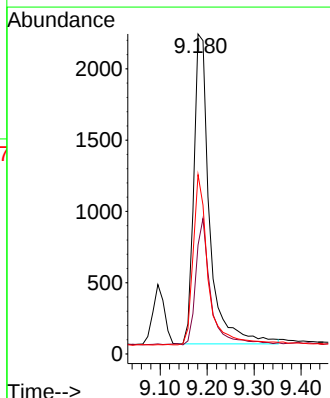
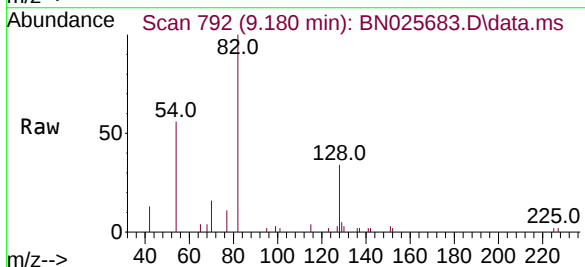
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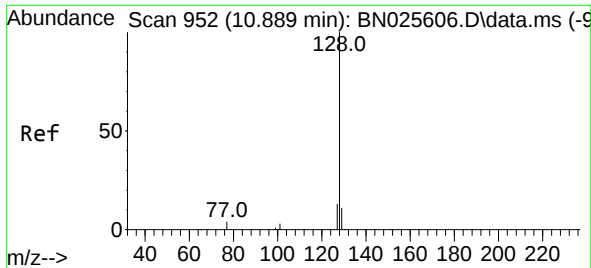
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023



#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 9.180 min Scan# 792
Delta R.T. -0.011 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

Tgt Ion: 82	Resp:	5100
Ion Ratio	Lower	Upper
82	100	
128	34.1	32.5 48.7
54	56.0	40.6 60.8





#9
Naphthalene
Concen: 0.416 ng
RT: 10.889 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

Instrument :

BNA_N

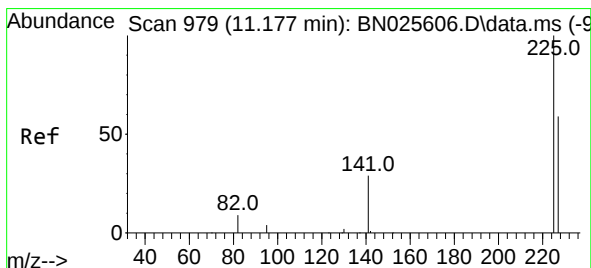
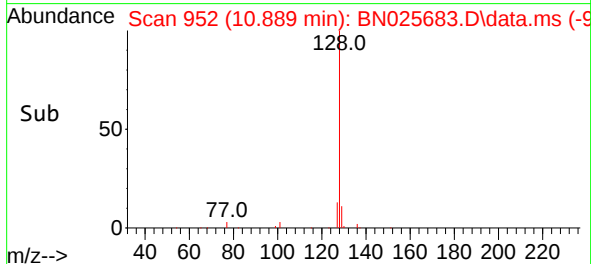
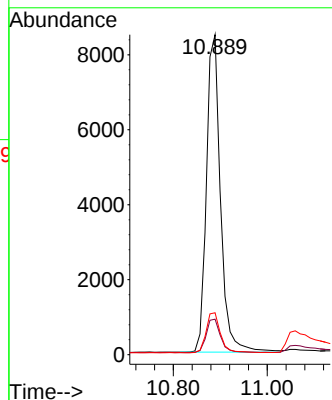
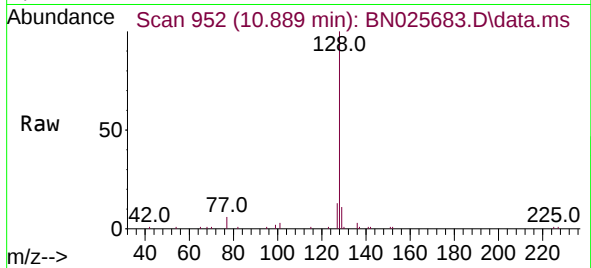
ClientSampleId :

PB153051BS

Tgt Ion:128 Resp: 17574
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.1 11.0 16.6

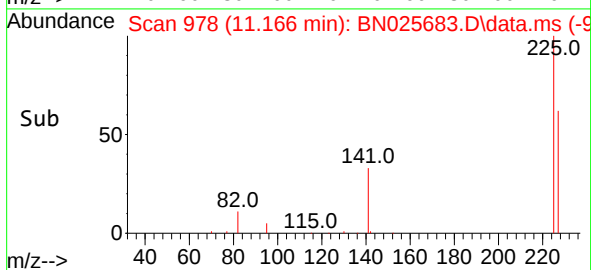
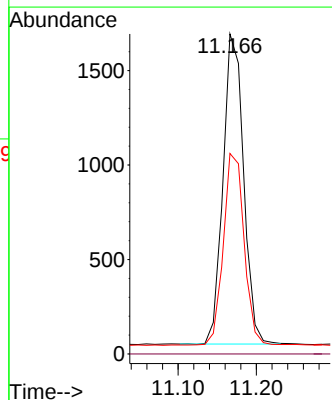
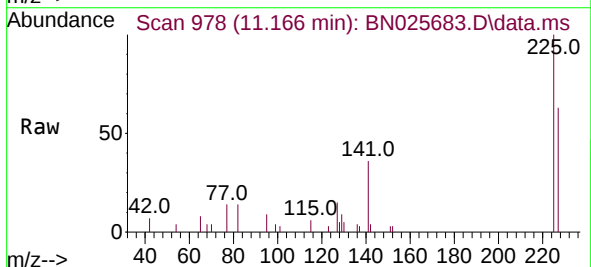
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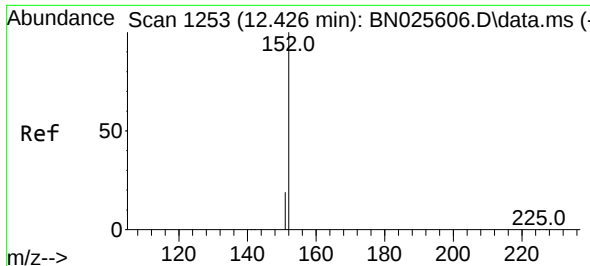
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023



#10
Hexachlorobutadiene
Concen: 0.408 ng
RT: 11.166 min Scan# 978
Delta R.T. -0.011 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

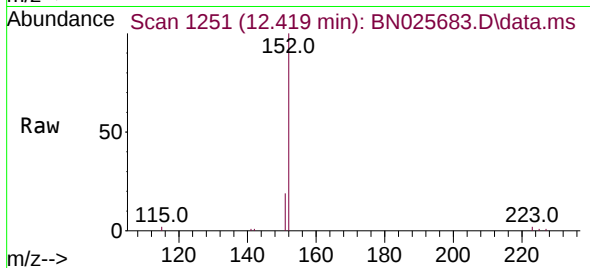
Tgt Ion:225 Resp: 2986
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.3 48.4 72.6





#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.419 min Scan# 1251
Delta R.T. -0.004 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

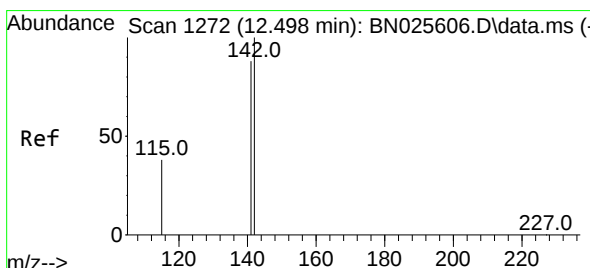
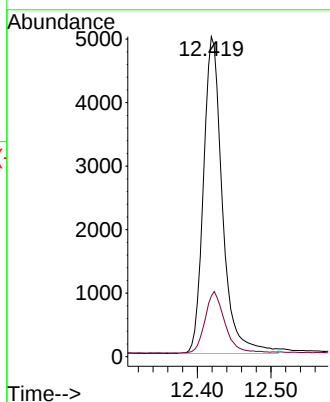
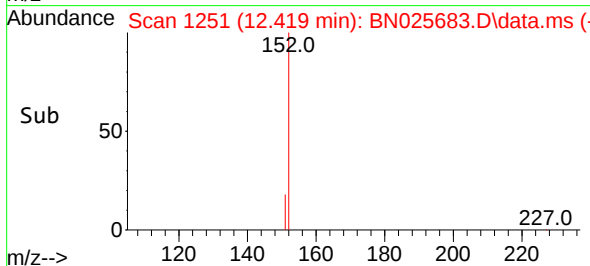
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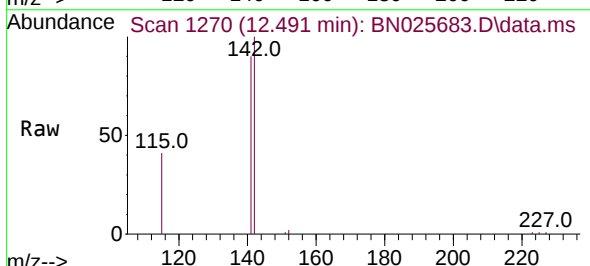
Tgt Ion:152 Resp: 8919
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1

Manual Integrations
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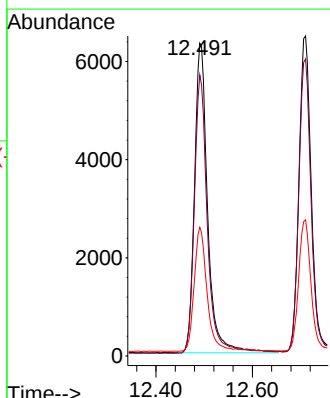
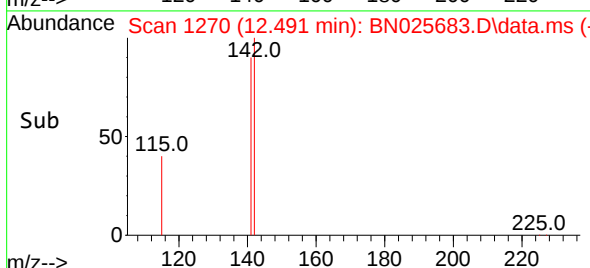
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023

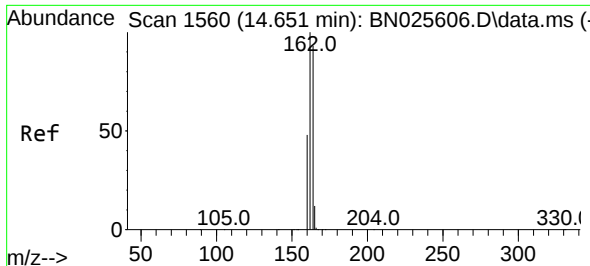


#12
2-Methylnaphthalene
Concen: 0.411 ng
RT: 12.491 min Scan# 1270
Delta R.T. -0.004 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14



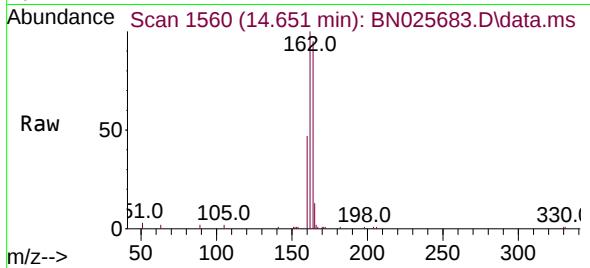
Tgt Ion:142 Resp: 11940
Ion Ratio Lower Upper
142 100
141 89.9 70.7 106.1
115 41.2 31.5 47.3





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

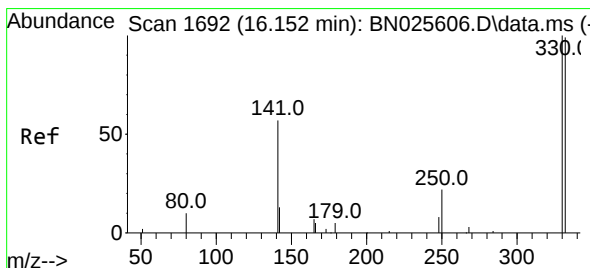
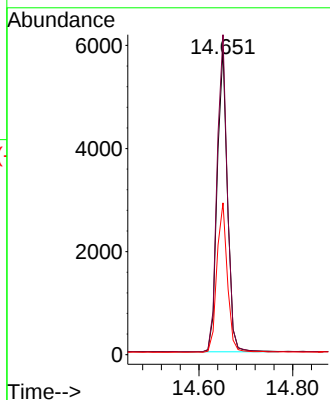
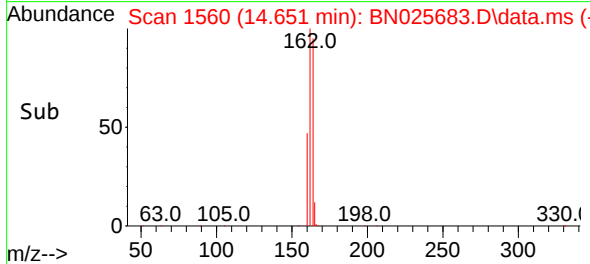
Instrument :
BNA_N
ClientSampleId :
PB153051BS



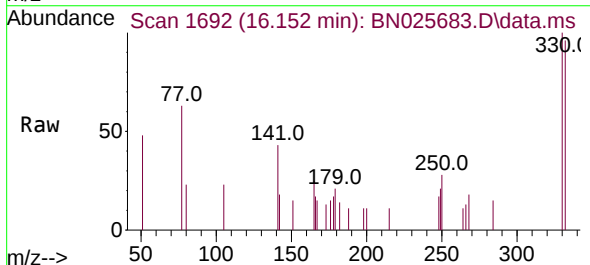
Tgt Ion:164 Resp: 889
Ion Ratio Lower Upper
164 100
162 104.7 86.4 129.6
160 49.7 41.9 62.9

Manual Integrations
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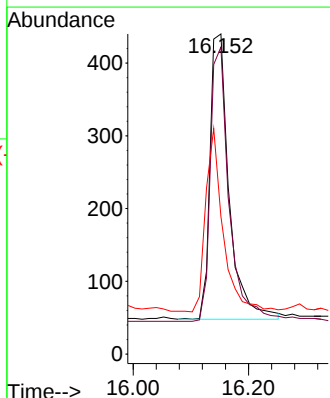
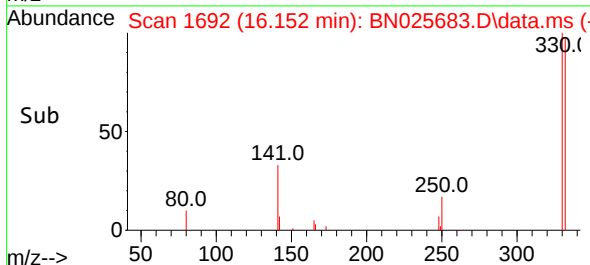
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023

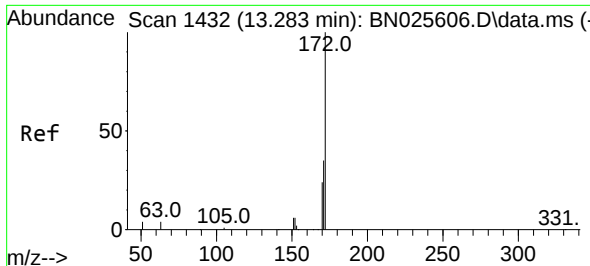


#14
2,4,6-Tribromophenol
Concen: 0.501 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14



Tgt Ion:330 Resp: 900
Ion Ratio Lower Upper
330 100
332 94.8 80.0 120.0
141 57.8 45.8 68.6





#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

Instrument :

BNA_N

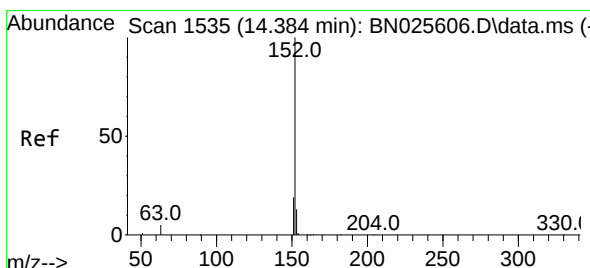
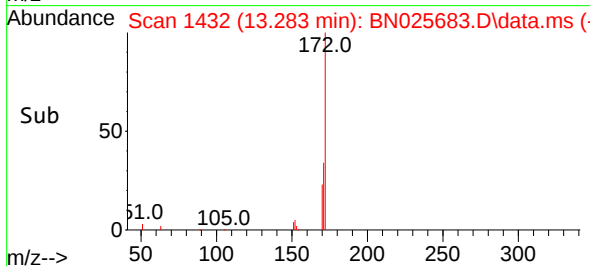
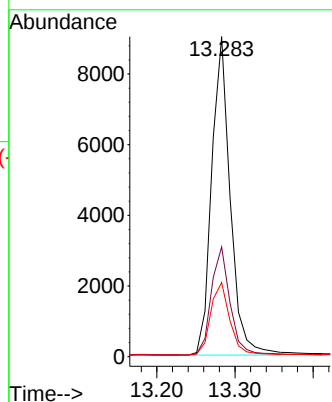
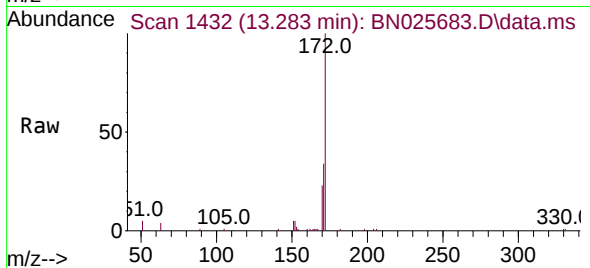
ClientSampleId :

PB153051BS

Tgt Ion:172 Resp: 1485
Ion Ratio Lower Upper
172 100
171 34.3 28.6 42.8
170 23.1 19.7 29.5

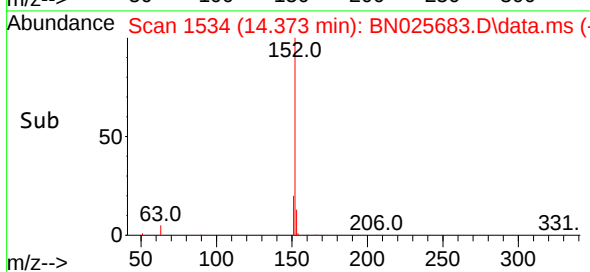
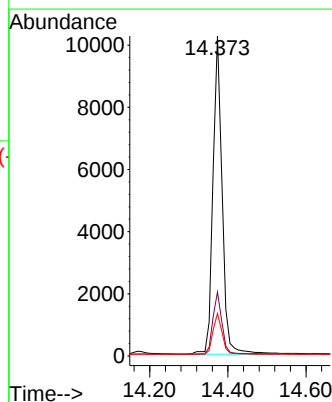
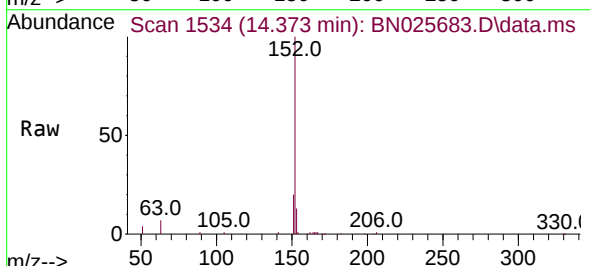
Manual Integrations
APPROVED

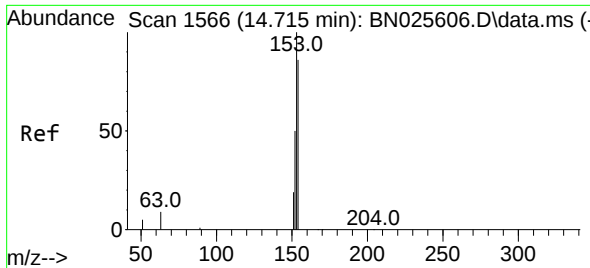
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023



#16
Acenaphthylene
Concen: 0.400 ng
RT: 14.373 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

Tgt Ion:152 Resp: 16797
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 13.0 10.6 15.8





#17
Acenaphthene
Concen: 0.411 ng
RT: 14.715 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

Instrument :

BNA_N

ClientSampleId :

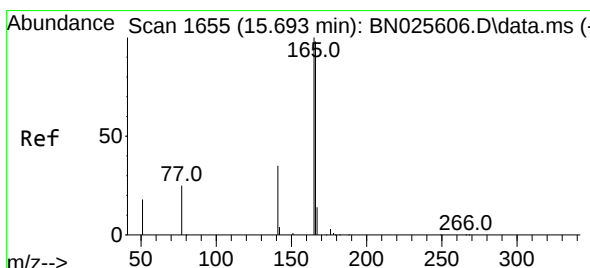
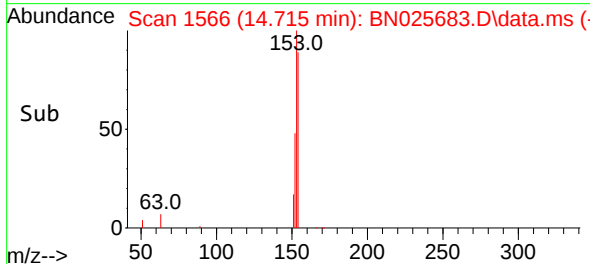
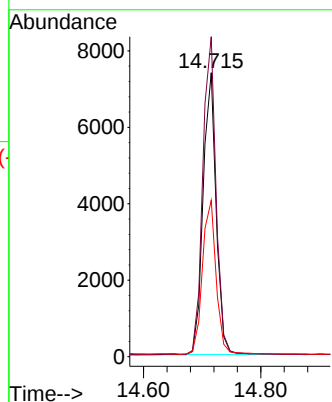
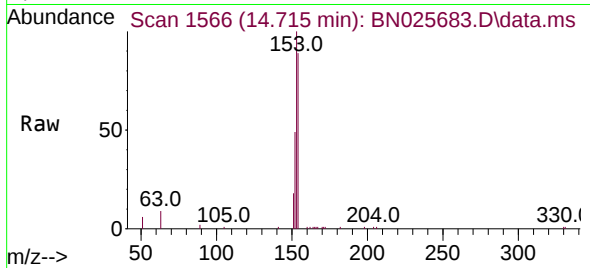
PB153051BS

Tgt Ion:154 Resp: 11374
Ion Ratio Lower Upper
154 100
153 115.6 91.9 137.9
152 57.6 45.4 68.2

Manual Integrations

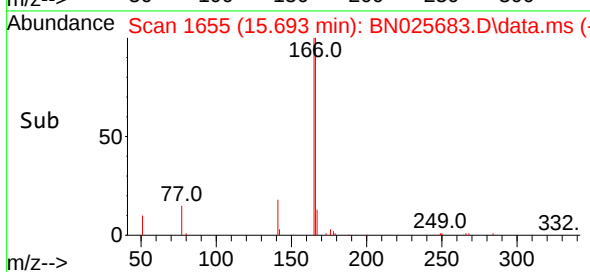
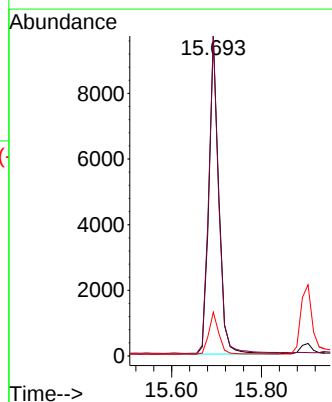
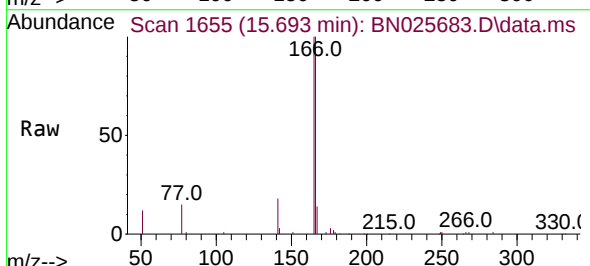
APPROVED

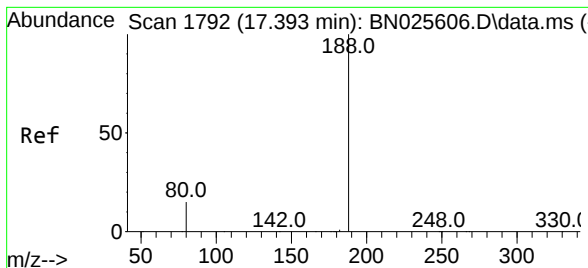
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023



#18
Fluorene
Concen: 0.405 ng
RT: 15.693 min Scan# 1655
Delta R.T. 0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

Tgt Ion:166 Resp: 14801
Ion Ratio Lower Upper
166 100
165 100.3 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: BN025683.D

Acq: 28 May 2023 16:14

Instrument :

BNA_N

ClientSampleId :

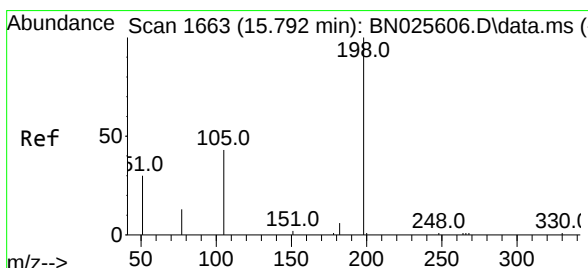
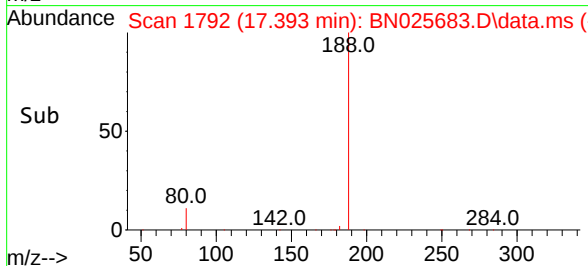
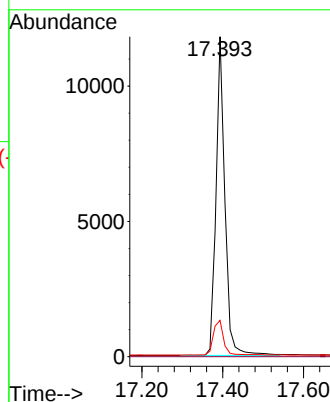
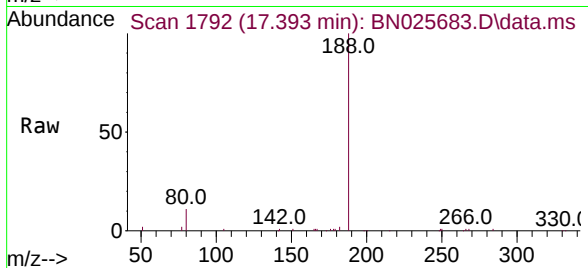
PB153051BS

Tgt Ion:188	Resp:	1808
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	11.3	12.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023



#20

4,6-Dinitro-2-methylphenol

Concen: 0.515 ng

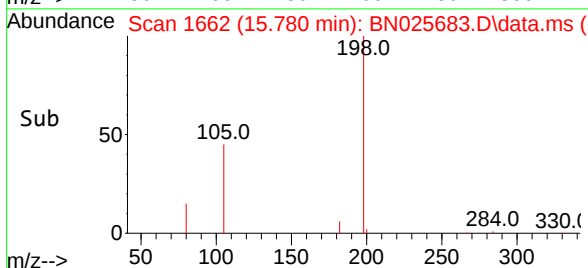
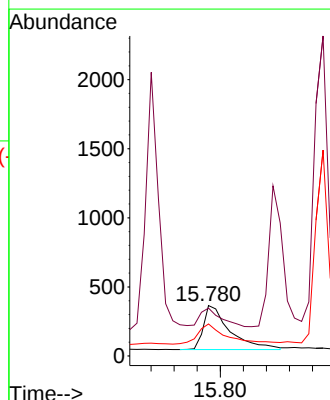
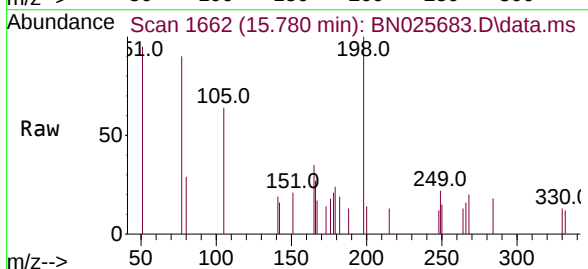
RT: 15.780 min Scan# 1662

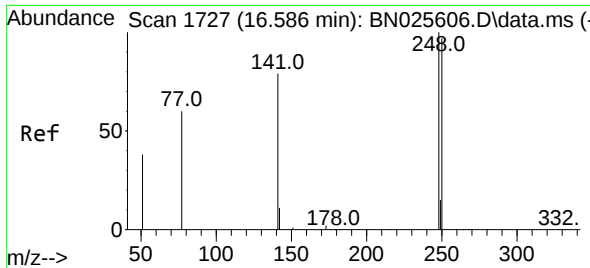
Delta R.T. -0.012 min

Lab File: BN025683.D

Acq: 28 May 2023 16:14

Tgt Ion:198	Resp:	1014
Ion Ratio	Lower	Upper
198	100	
51	95.1	110.8
105	63.6	61.9





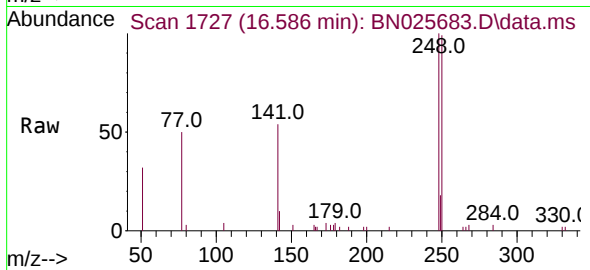
#21
4-Bromophenyl-phenylether
Concen: 0.409 ng
RT: 16.586 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

Instrument :

BNA_N

ClientSampleId :

PB153051BS

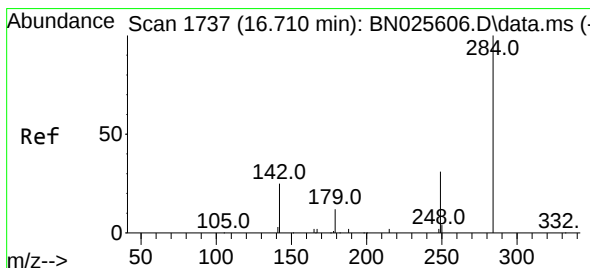
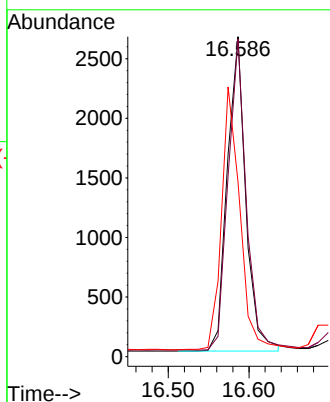
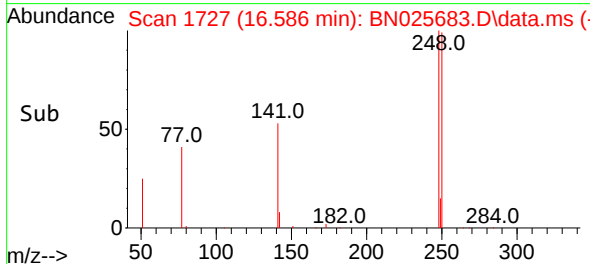


Tgt Ion:248 Resp: 420
Ion Ratio Lower Upper
248 100
250 99.3 77.5 116.3
141 54.5 64.0 96.0

Manual Integrations

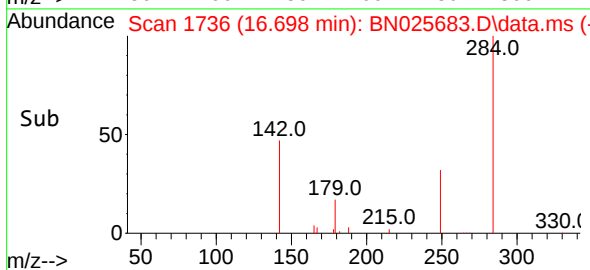
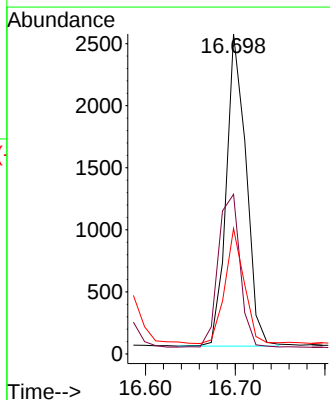
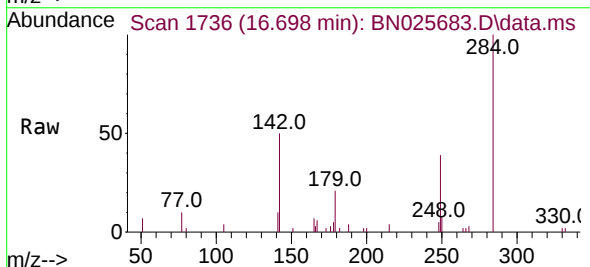
APPROVED

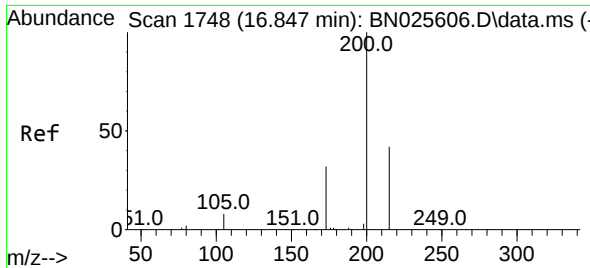
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023



#22
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.698 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

Tgt Ion:284 Resp: 3856
Ion Ratio Lower Upper
284 100
142 54.0 42.0 63.0
249 35.7 28.6 43.0





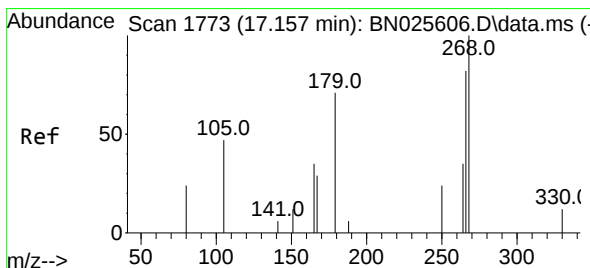
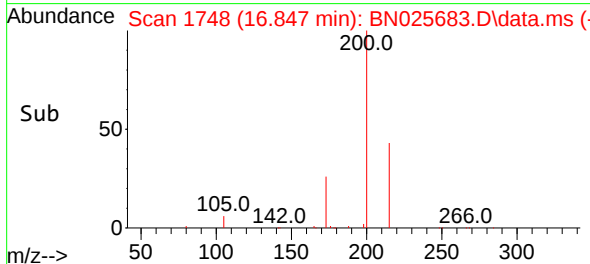
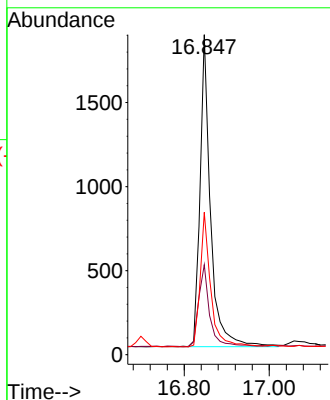
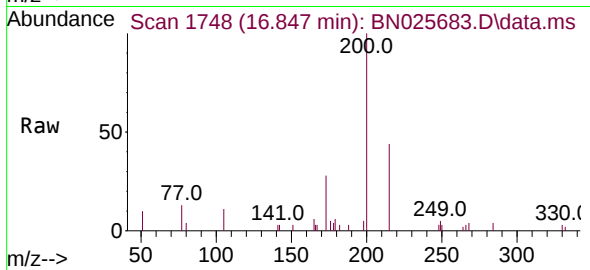
#23
 Atrazine
 Concen: 0.388 ng
 RT: 16.847 min Scan# 1748
 Delta R.T. -0.000 min
 Lab File: BN025683.D
 Acq: 28 May 2023 16:14

Instrument :
 BNA_N
 ClientSampleId :
 PB153051BS

Tgt Ion:	200	Resp:	317
Ion Ratio	Lower	Upper	
200	100		
173	28.1	27.9	41.9
215	44.5	35.1	52.7

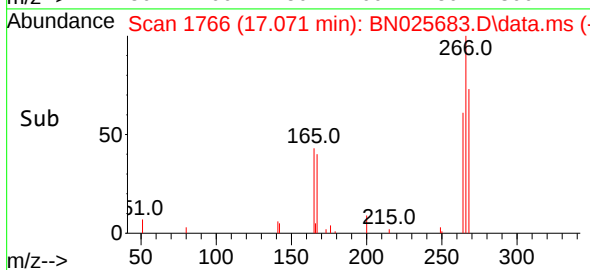
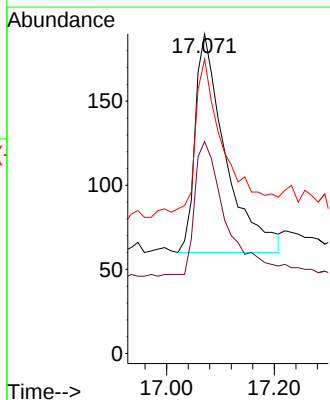
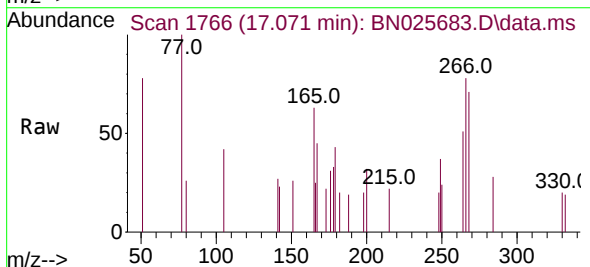
Manual Integrations
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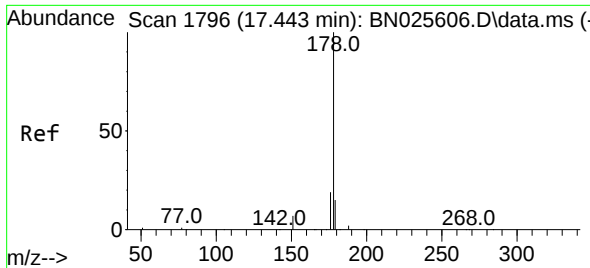
Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Yogesh Patel 05/31/2023



#24
 Pentachlorophenol
 Concen: 0.745 ng
 RT: 17.071 min Scan# 1766
 Delta R.T. -0.000 min
 Lab File: BN025683.D
 Acq: 28 May 2023 16:14

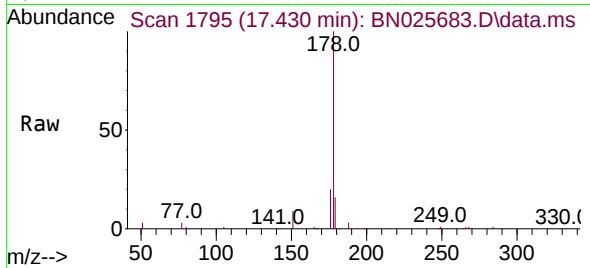
Tgt Ion:	266	Resp:	510
Ion Ratio	Lower	Upper	
266	100		
264	61.0	60.0	90.0
268	66.1	0.0	0.0





#25
Phenanthrene
Concen: 0.414 ng
RT: 17.430 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

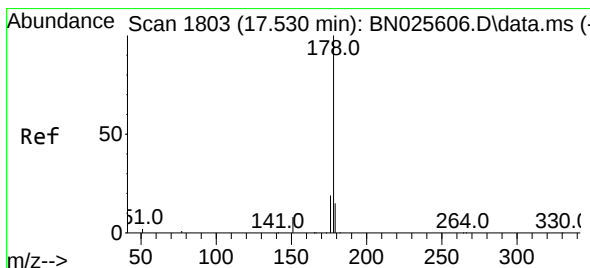
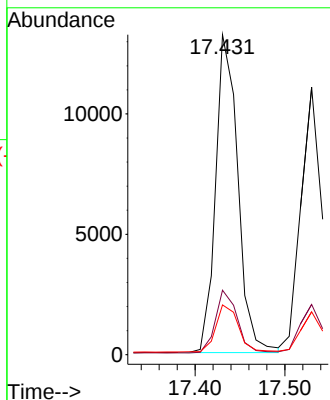
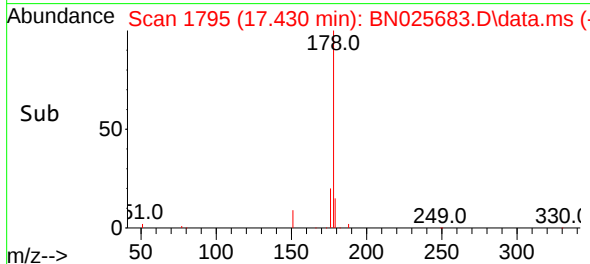
Instrument :
BNA_N
ClientSampleId :
PB153051BS



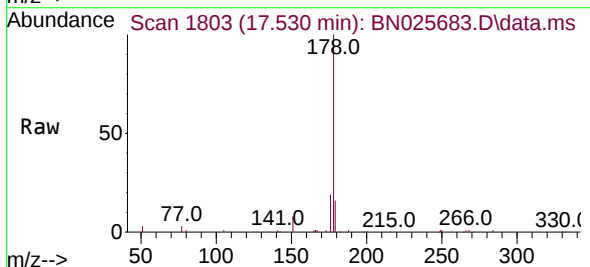
Tgt Ion:178 Resp: 22794
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.3 12.6 19.0

Manual Integrations
APPROVED

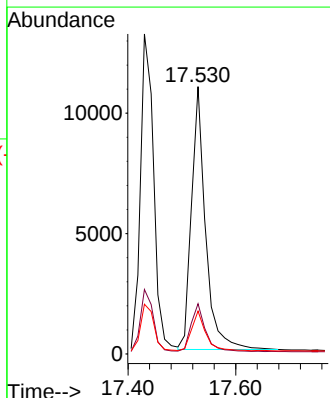
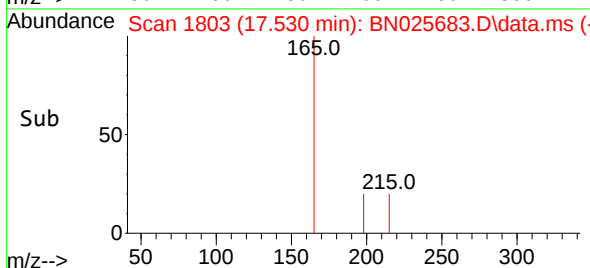
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023

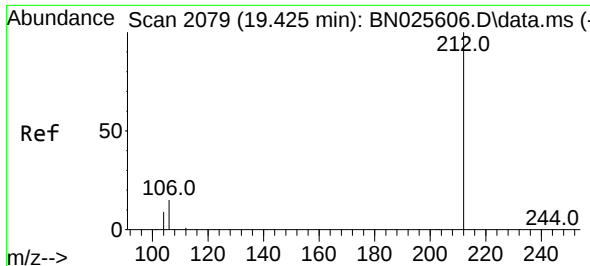


#26
Anthracene
Concen: 0.399 ng
RT: 17.530 min Scan# 1803
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14



Tgt Ion:178 Resp: 19882
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.0 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.421 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

Instrument :

BNA_N

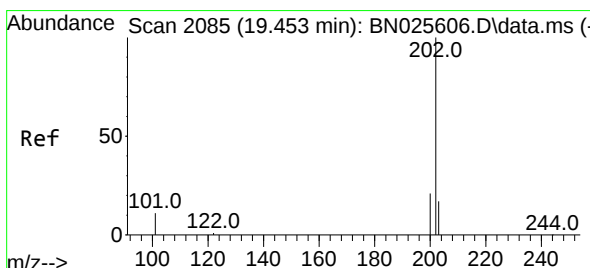
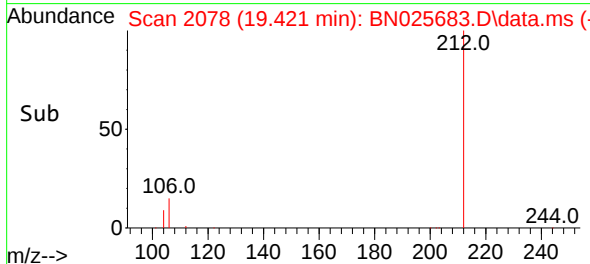
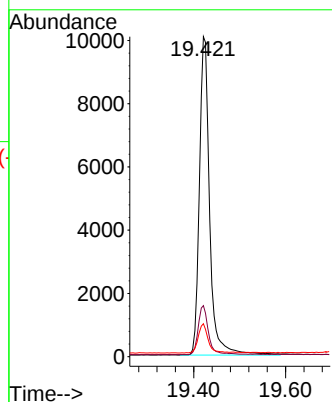
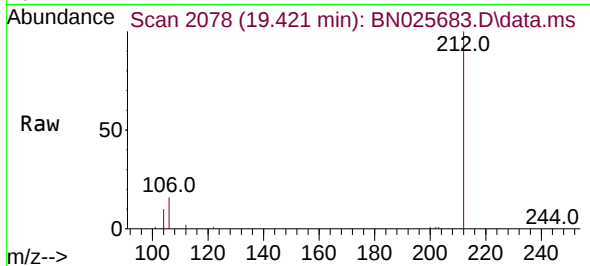
ClientSampleId :

PB153051BS

Tgt Ion:212 Resp: 1558
Ion Ratio Lower Upper
212 100
106 15.5 12.3 18.5
104 8.8 7.2 10.8

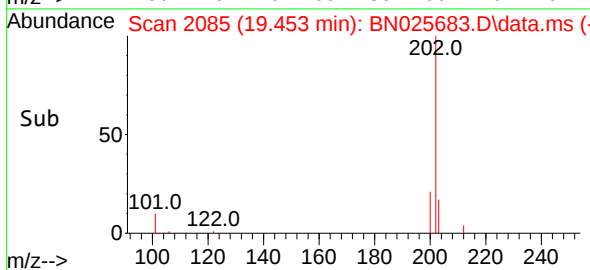
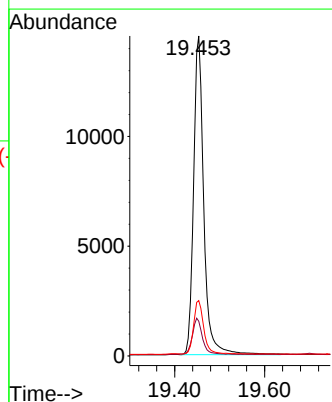
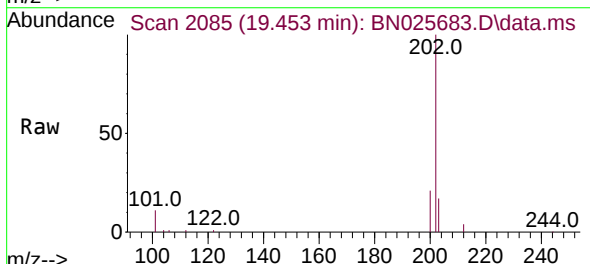
Manual Integrations
APPROVED

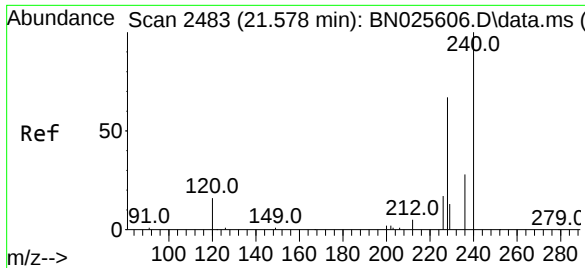
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023



#28
Fluoranthene
Concen: 0.380 ng
RT: 19.453 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

Tgt Ion:202 Resp: 22835
Ion Ratio Lower Upper
202 100
101 11.4 9.2 13.8
203 16.9 13.3 19.9





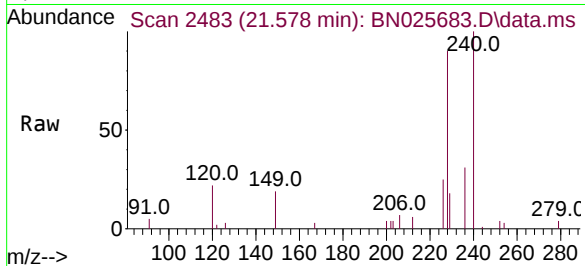
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

Instrument :

BNA_N

ClientSampleId :

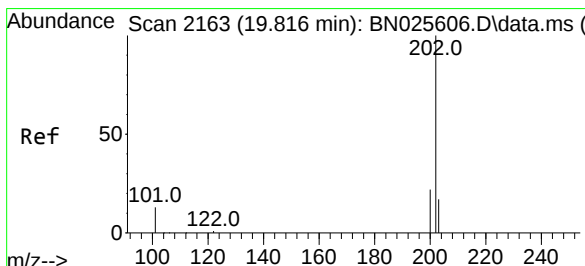
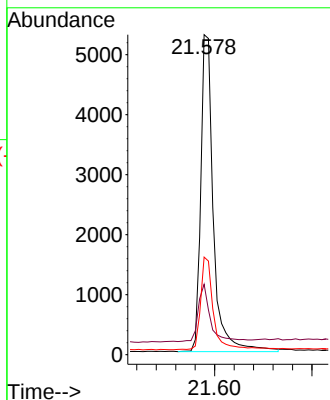
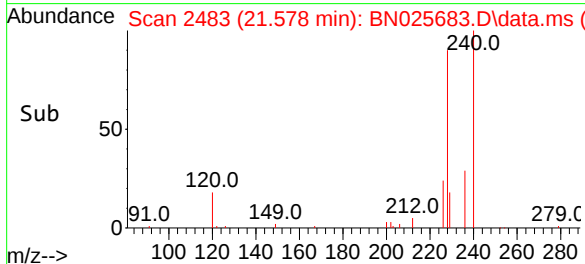
PB153051BS



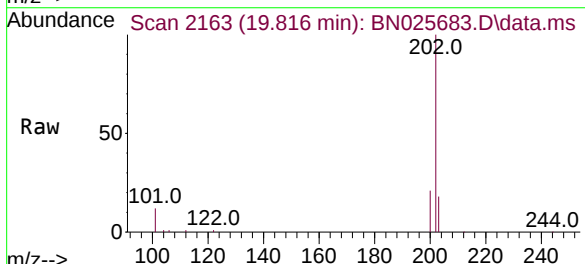
Tgt Ion:240 Resp: 954
Ion Ratio Lower Upper
240 100
120 22.0 15.4 23.0
236 30.5 23.2 34.8

Manual Integrations
APPROVED

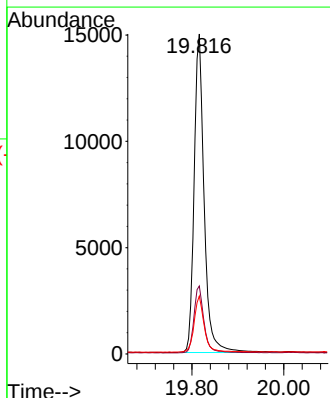
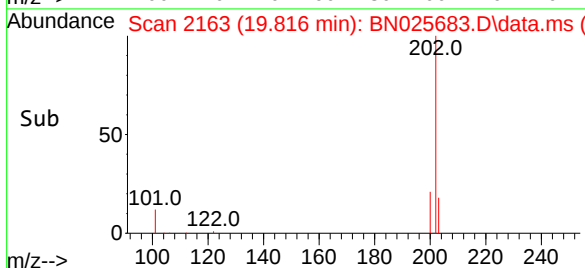
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023

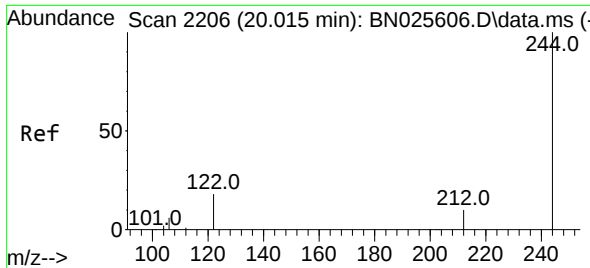


#30
Pyrene
Concen: 0.490 ng
RT: 19.816 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14



Tgt Ion:202 Resp: 22745
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.6 14.5 21.7





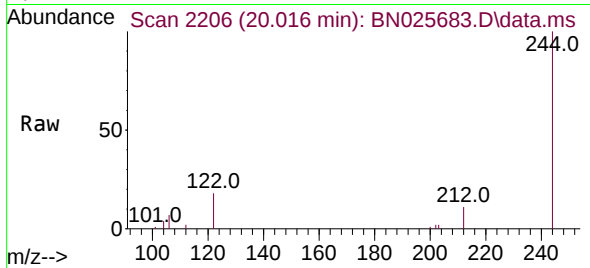
#31
 Terphenyl-d14
 Concen: 0.450 ng
 RT: 20.016 min Scan# 2110
 Delta R.T. -0.000 min
 Lab File: BN025683.D
 Acq: 28 May 2023 16:14

Instrument :

BNA_N

ClientSampleId :

PB153051BS

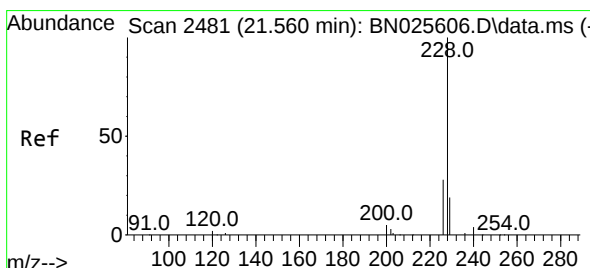
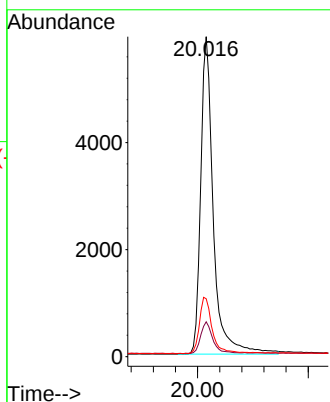
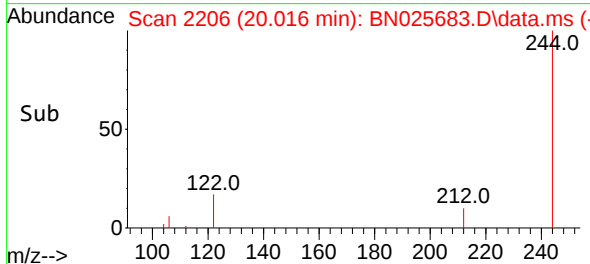


Tgt Ion:244 Resp: 9410
 Ion Ratio Lower Upper
 244 100
 212 10.9 8.5 12.7
 122 18.1 14.9 22.3

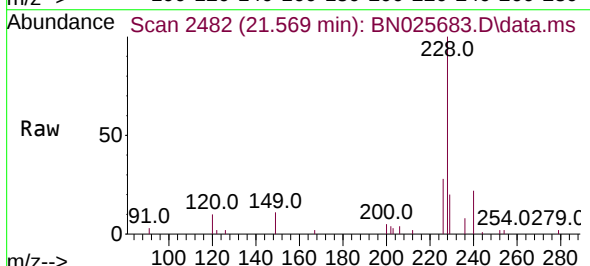
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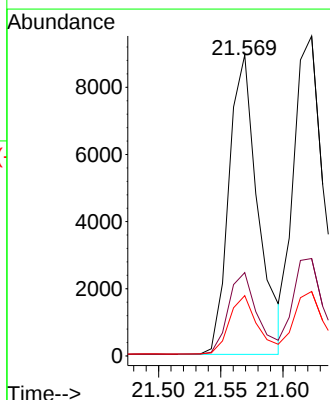
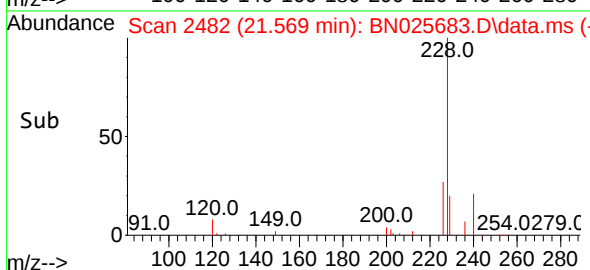
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 Supervised By :Yogesh Patel 05/31/2023

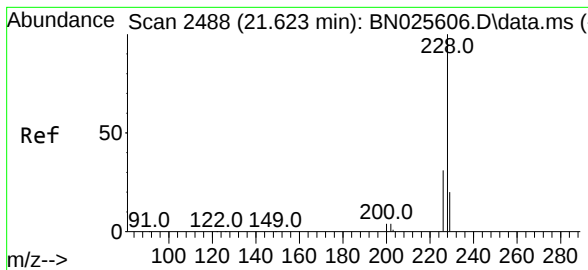


#32
 Benzo(a)anthracene
 Concen: 0.409 ng
 RT: 21.569 min Scan# 2482
 Delta R.T. 0.009 min
 Lab File: BN025683.D
 Acq: 28 May 2023 16:14



Tgt Ion:228 Resp: 14547
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.9 34.3
 229 20.0 15.9 23.9





#33

Chrysene

Concen: 0.427 ng

RT: 21.623 min Scan# 2488

Delta R.T. 0.009 min

Lab File: BN025683.D

Acq: 28 May 2023 16:14

Instrument :

BNA_N

ClientSampleId :

PB153051BS

Tgt Ion:228 Resp: 1648

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

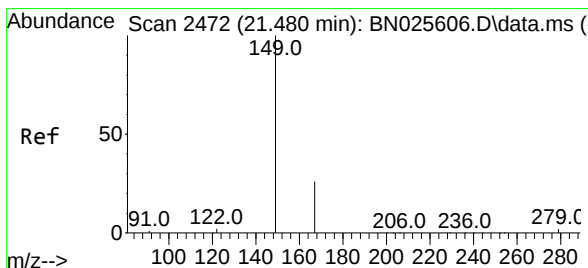
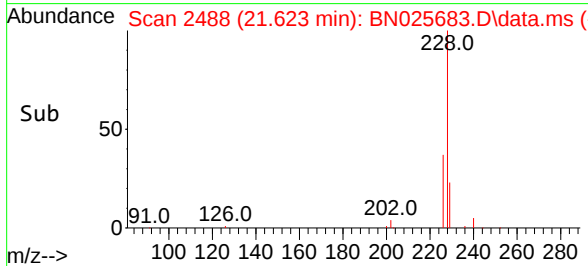
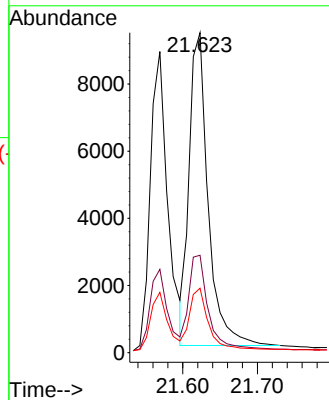
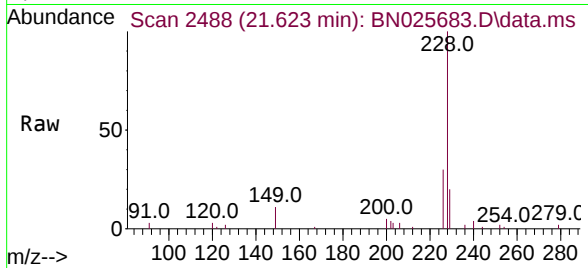
229 20.2 16.2 24.4

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Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Yogesh Patel 05/31/2023



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.409 ng

RT: 21.480 min Scan# 2472

Delta R.T. 0.009 min

Lab File: BN025683.D

Acq: 28 May 2023 16:14

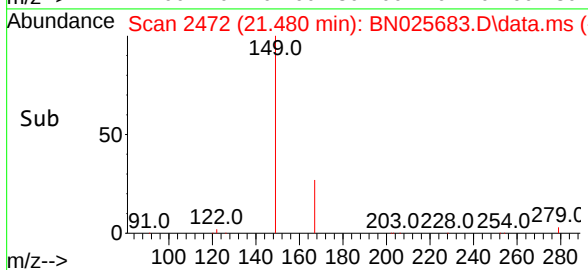
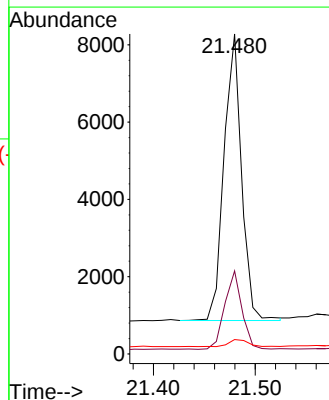
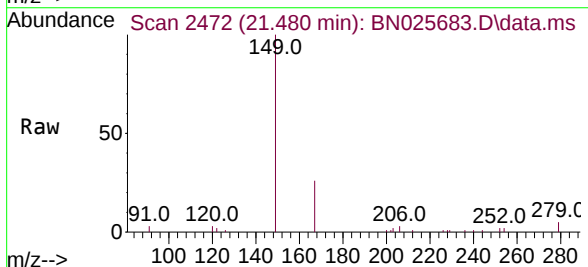
Tgt Ion:149 Resp: 8861

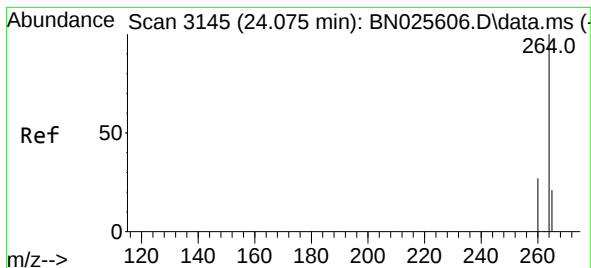
Ion Ratio Lower Upper

149 100

167 26.7 20.4 30.6

279 2.8 3.3 4.9





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.063 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BN025683.D

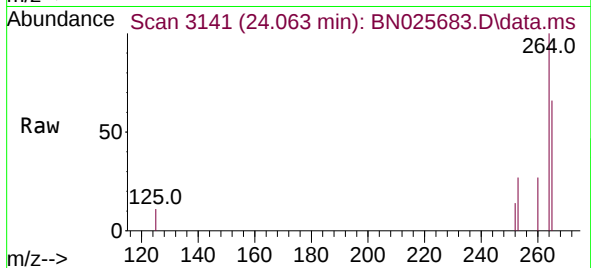
Acq: 28 May 2023 16:14

Instrument :

BNA_N

ClientSampleId :

PB153051BS



Tgt Ion:264 Resp: 8764

Ion Ratio Lower Upper

264 100

260 27.2 22.3 33.5

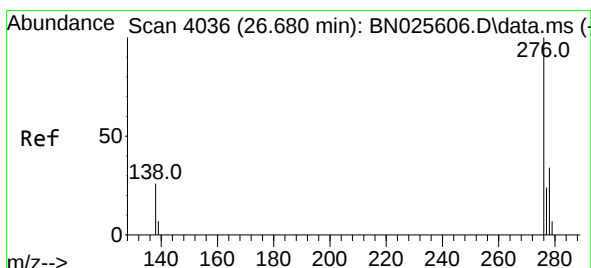
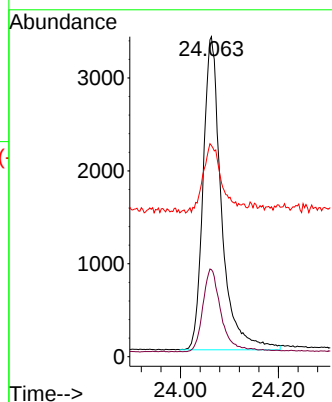
265 66.0 54.3 81.5

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Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Yogesh Patel 05/31/2023



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.469 ng

RT: 26.653 min Scan# 4027

Delta R.T. -0.026 min

Lab File: BN025683.D

Acq: 28 May 2023 16:14

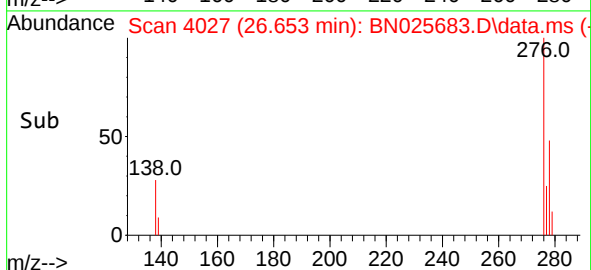
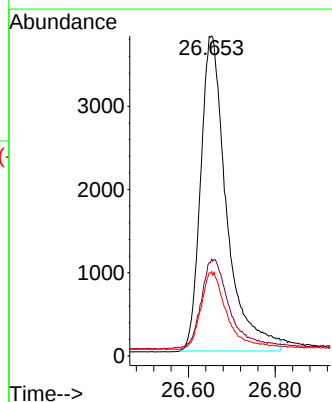
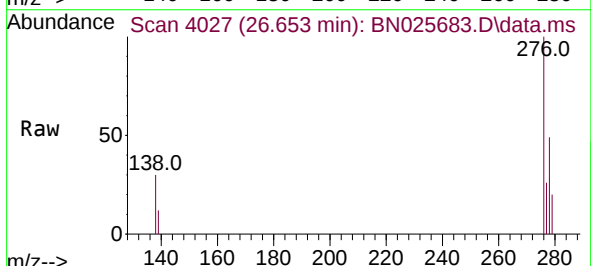
Tgt Ion:276 Resp: 15751

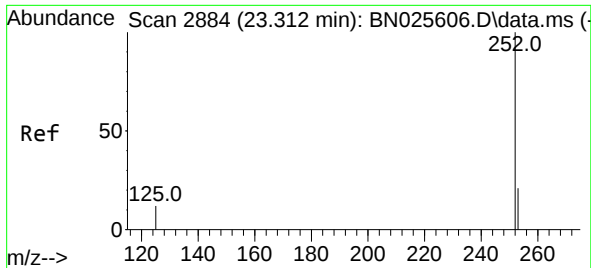
Ion Ratio Lower Upper

276 100

138 29.7 10.5 15.7#

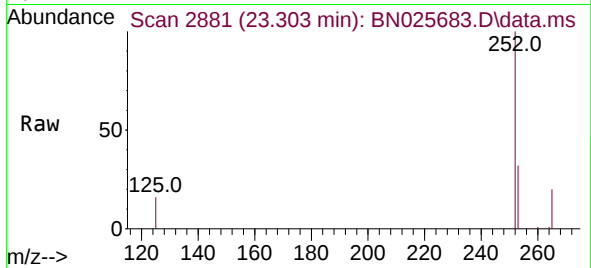
277 24.0 9.2 13.8#





#37
Benzo(b)fluoranthene
Concen: 0.405 ng
RT: 23.303 min Scan# 2881
Delta R.T. -0.000 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

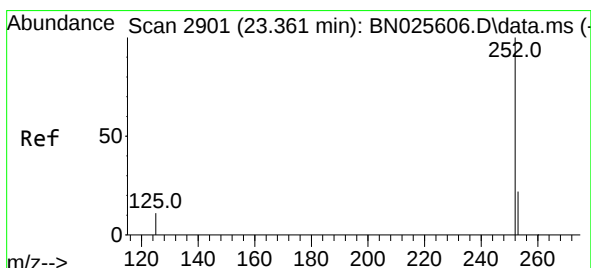
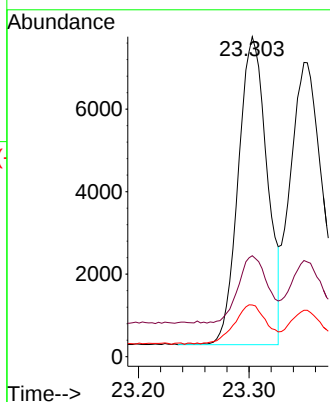
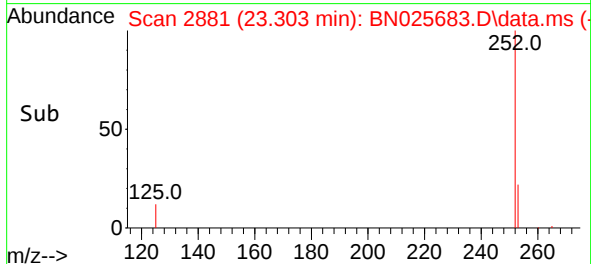
Instrument :
BNA_N
ClientSampleId :
PB153051BS



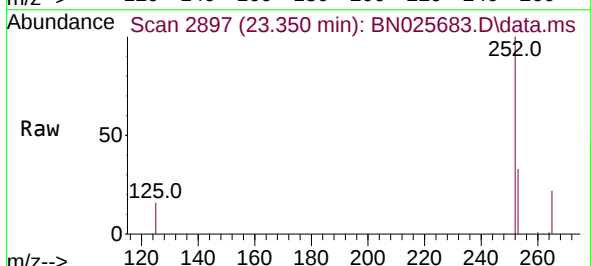
Tgt Ion:252 Resp: 13514
Ion Ratio Lower Upper
252 100
253 31.5 26.2 39.4
125 16.1 12.9 19.3

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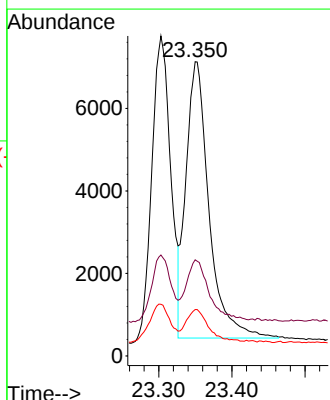
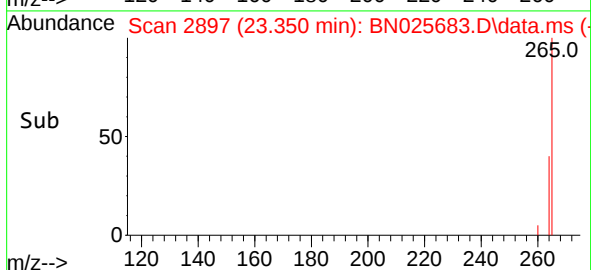
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023

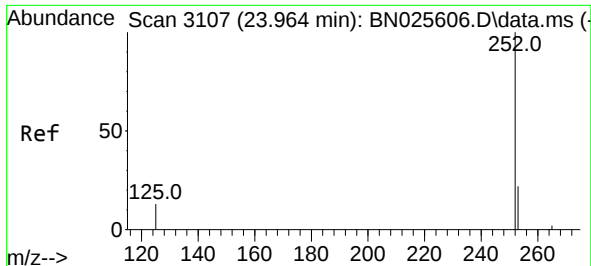


#38
Benzo(k)fluoranthene
Concen: 0.423 ng m
RT: 23.350 min Scan# 2897
Delta R.T. -0.006 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14



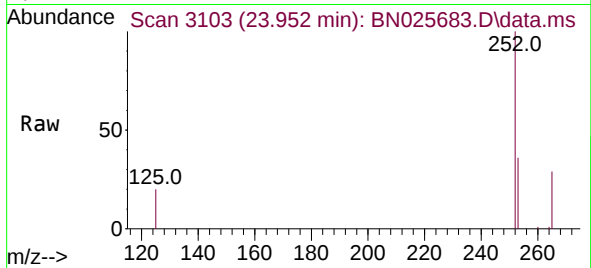
Tgt Ion:252 Resp: 14705
Ion Ratio Lower Upper
252 100
253 32.7 26.1 39.1
125 15.8 12.5 18.7





#39
Benzo(a)pyrene
Concen: 0.416 ng
RT: 23.952 min Scan# 3103
Delta R.T. -0.003 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

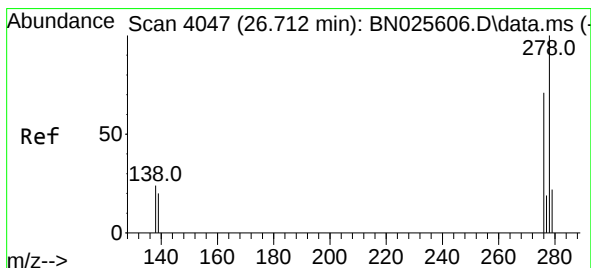
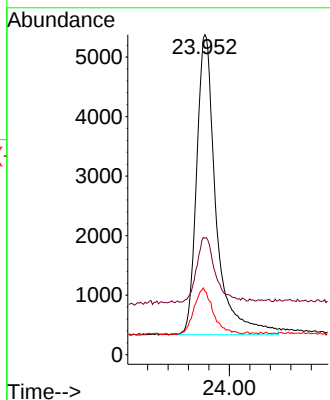
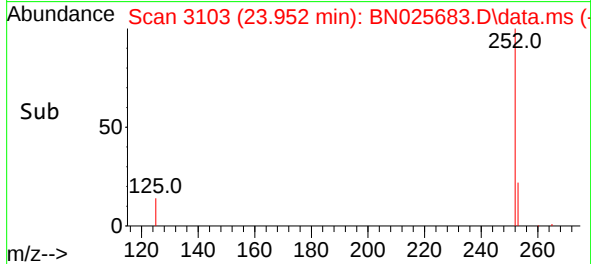
Instrument :
BNA_N
ClientSampleId :
PB153051BS



Tgt Ion:252 Resp: 13260
Ion Ratio Lower Upper
252 100
253 36.4 30.2 45.2
125 19.8 14.8 22.2

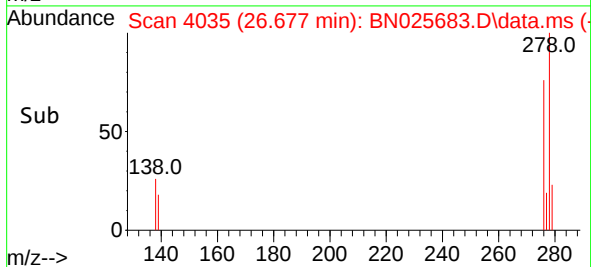
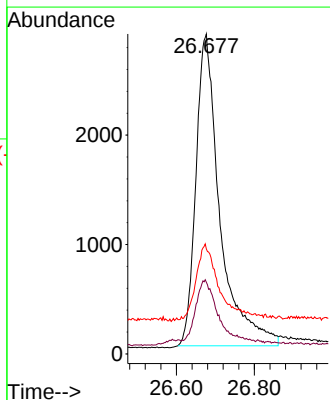
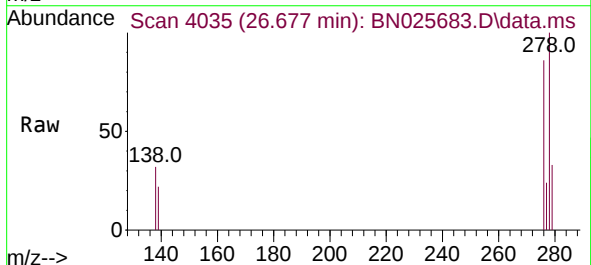
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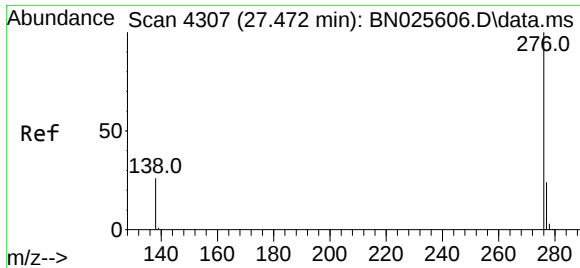
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023



#40
Dibenzo(a,h)anthracene
Concen: 0.458 ng
RT: 26.677 min Scan# 4035
Delta R.T. -0.026 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

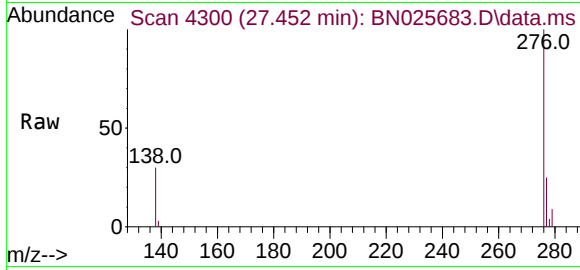
Tgt Ion:278 Resp: 12201
Ion Ratio Lower Upper
278 100
139 22.4 18.6 28.0
279 32.8 27.8 41.8





#41
Benzo(g,h,i)perylene
Concen: 0.475 ng
RT: 27.452 min Scan# 41
Delta R.T. -0.018 min
Lab File: BN025683.D
Acq: 28 May 2023 16:14

Instrument :
BNA_N
ClientSampleId :
PB153051BS



Tgt Ion:276 Resp: 1442
Ion Ratio Lower Upper
276 100
277 24.6 21.4 32.0
138 29.6 22.8 34.2

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Supervised By :Yogesh Patel 05/31/2023

